

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012121\  
 Data File : BG047967.D  
 Acq On : 22 Jan 2021 00:06  
 Operator : CG/JU  
 Sample : M1191-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0040-042-COMP-B

Quant Time: Jan 22 00:57:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 21 14:42:53 2021  
 Response via : Initial Calibration

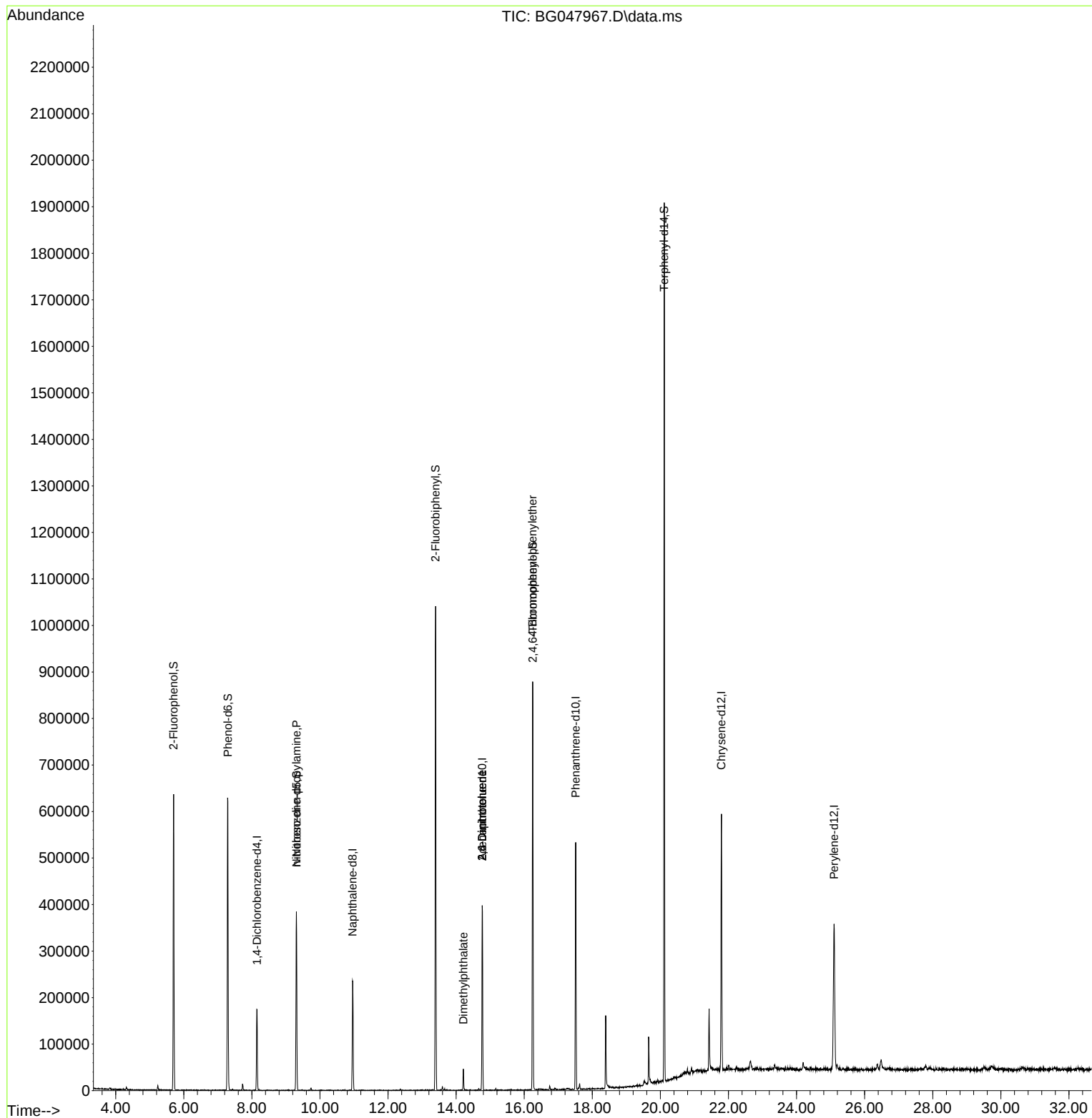
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.150  | 152  | 48888    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.959 | 136  | 191537   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.766 | 164  | 140584   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.510 | 188  | 338192   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.793 | 240  | 351379   | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12              | 25.101 | 264  | 357236   | 20.00     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.700  | 112  | 239253   | 79.81     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.293  | 99   | 332934   | 73.58     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.308  | 82   | 223048   | 51.21     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.253 | 330  | 169833   | 75.49     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.397 | 172  | 521707   | 49.56     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.113 | 244  | 827202   | 43.52     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.591  | 88   | 56       | Below Cal | #     | 1        |
| 9) Benzaldehyde               | 7.293  | 77   | 1001     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 9.308  | 70   | 31626    | 9.88      | ng    | # 78     |
| 32) Benzoic acid              | 9.848  | 122  | 81       | Below Cal | #     | 1        |
| 50) Dimethylphthalate         | 14.208 | 163  | 28282    | 2.31      | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.766 | 165  | 17980    | 7.64      | ng    | # 35     |
| 57) 2,4-Dinitrotoluene        | 14.766 | 165  | 17980    | 5.45      | ng    | # 33     |
| 67) 4-Bromophenyl-phenylether | 16.247 | 248  | 12058    | 2.69      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

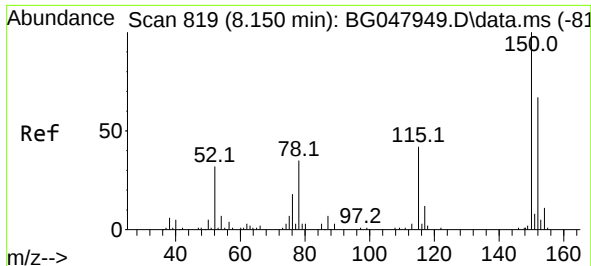
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0040-042-COMP-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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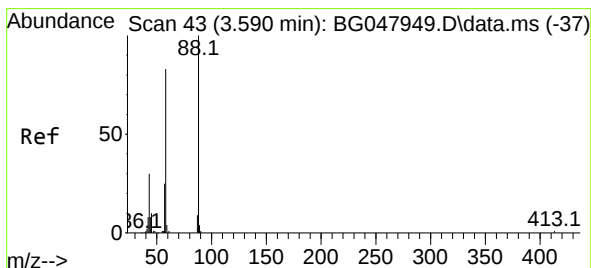
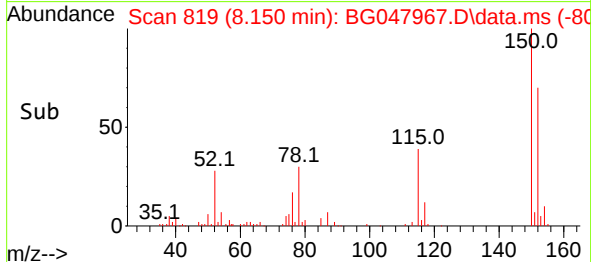
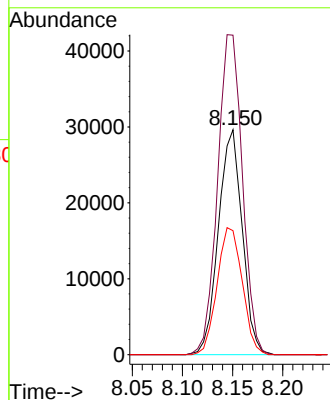
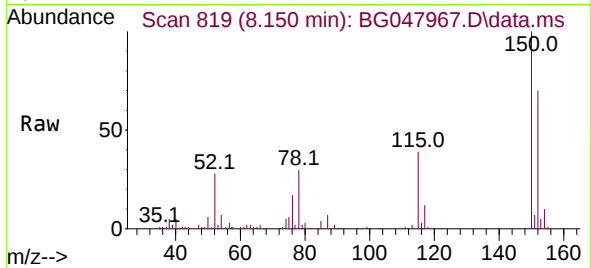




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.150 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

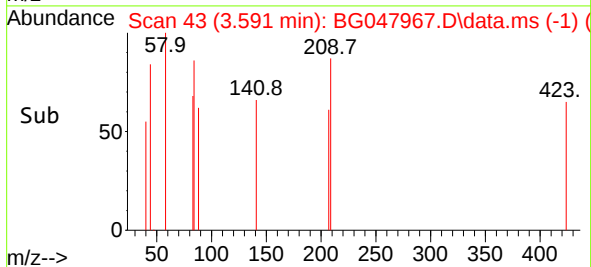
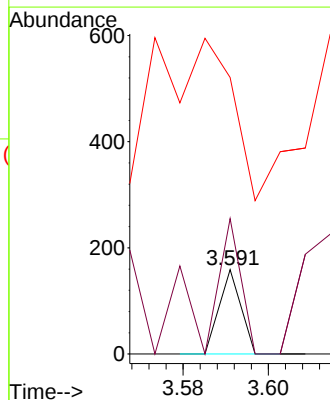
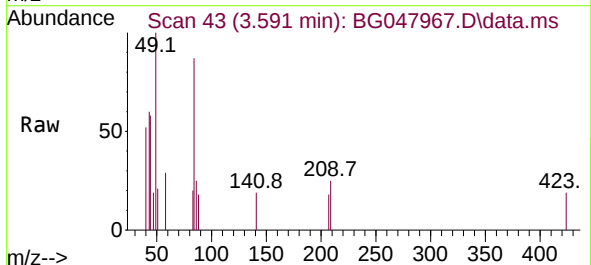
Instrument :  
BNA\_G  
ClientSampleId :  
0040-042-COMP-B

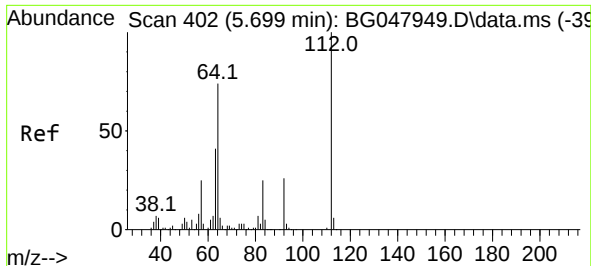
Tgt Ion:152 Resp: 48888  
Ion Ratio Lower Upper  
152 100  
150 142.1 125.0 187.6  
115 55.1 41.8 62.6



#2  
1,4-Dioxane  
Concen: Below Cal  
RT: 3.591 min Scan# 43  
Delta R.T. 0.001 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion: 88 Resp: 56  
Ion Ratio Lower Upper  
88 100  
58 264.3 61.6 92.4#  
43 0.0 21.3 31.9#

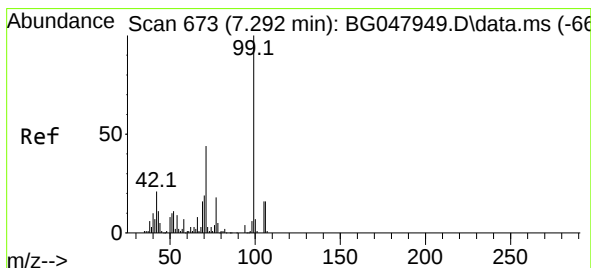
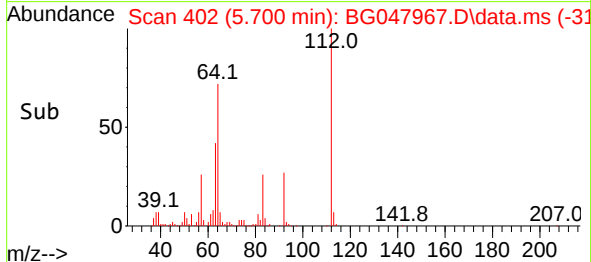
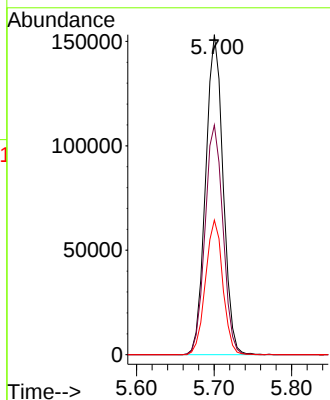
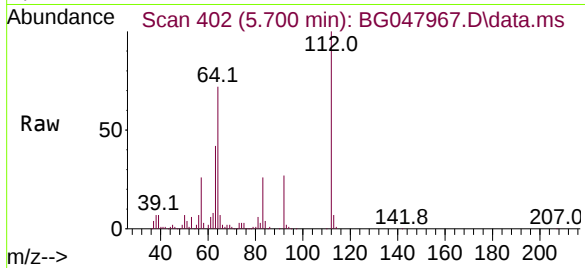




#5  
2-Fluorophenol  
Concen: 79.81 ng  
RT: 5.700 min Scan# 402  
Delta R.T. 0.001 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

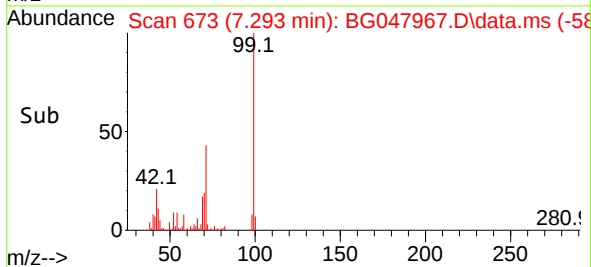
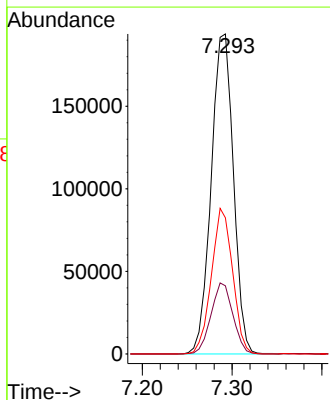
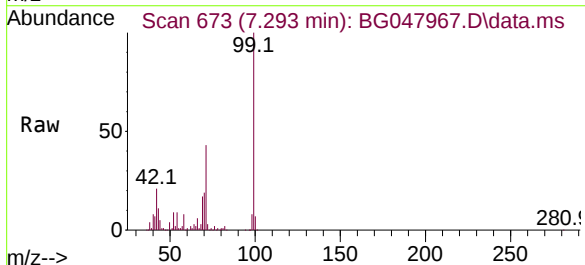
Instrument :  
BNA\_G  
ClientSampleId :  
0040-042-COMP-B

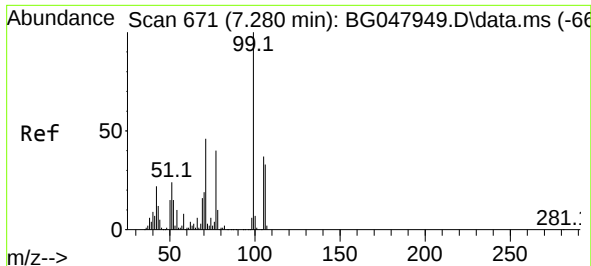
Tgt Ion:112 Resp: 239253  
Ion Ratio Lower Upper  
112 100  
64 71.8 46.7 70.1#  
63 42.0 22.8 34.2#



#7  
Phenol-d6  
Concen: 73.58 ng  
RT: 7.293 min Scan# 673  
Delta R.T. 0.001 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion: 99 Resp: 332934  
Ion Ratio Lower Upper  
99 100  
42 21.3 12.8 19.2#  
71 42.6 24.6 36.8#

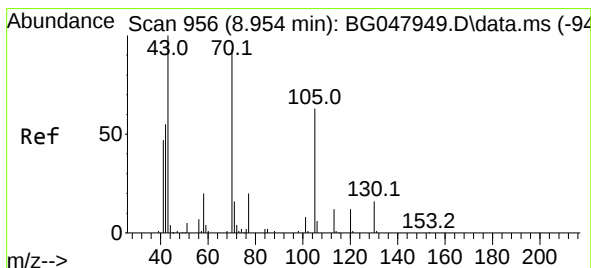
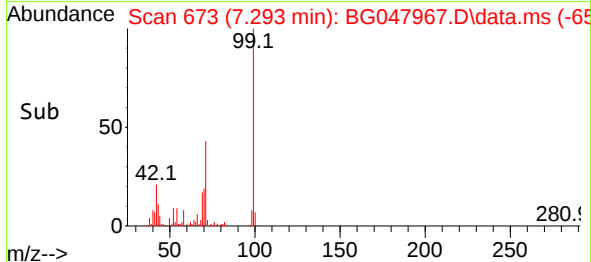
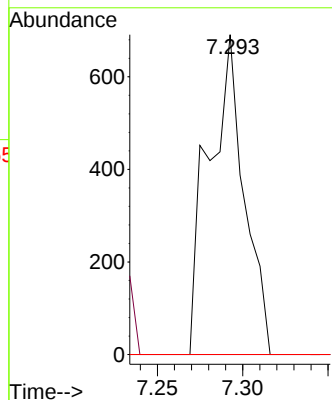
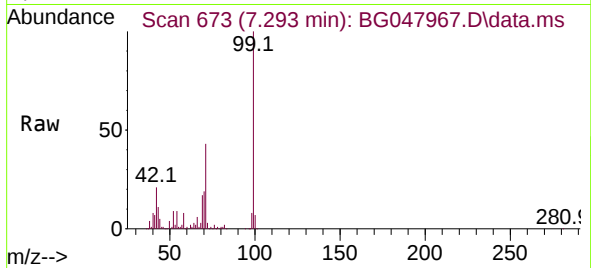




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.293 min Scan# 673  
Delta R.T. 0.013 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

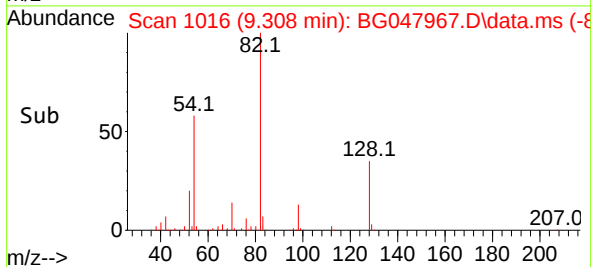
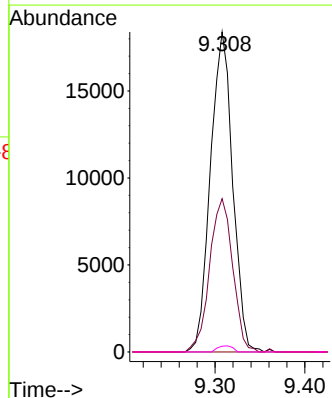
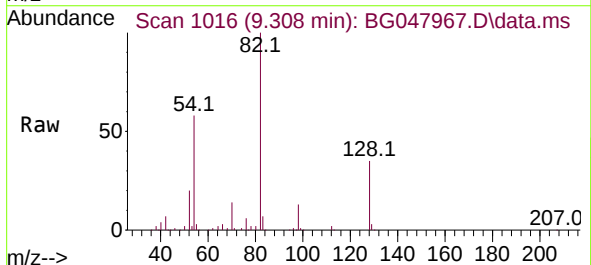
Instrument :  
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ClientSampleId :  
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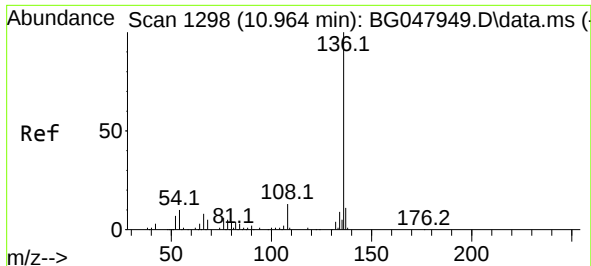
Tgt Ion: 77 Resp: 1001  
Ion Ratio Lower Upper  
77 100  
105 0.0 85.9 125.9#  
106 0.0 80.9 120.9#



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.88 ng  
RT: 9.308 min Scan# 1016  
Delta R.T. 0.353 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion: 70 Resp: 31626  
Ion Ratio Lower Upper  
70 100  
42 47.9 45.6 68.4  
101 0.0 8.4 12.6#  
130 1.8 17.8 26.8#

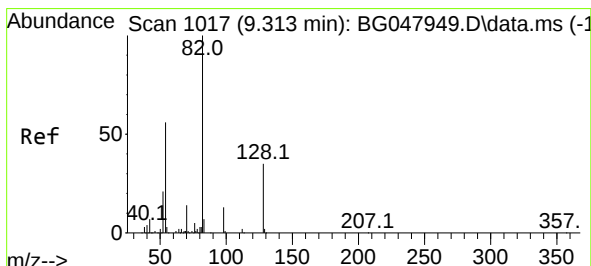
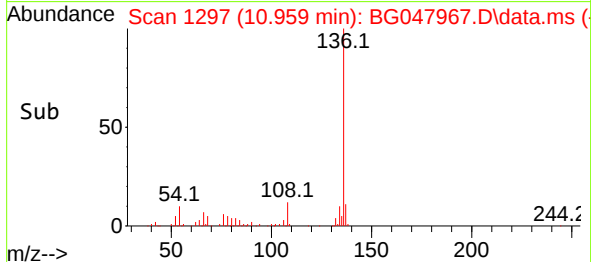
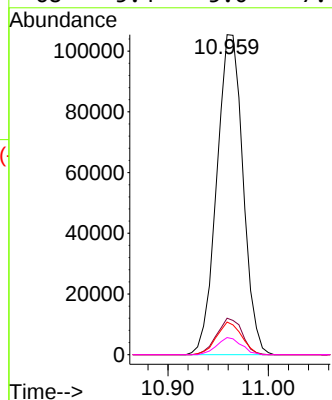
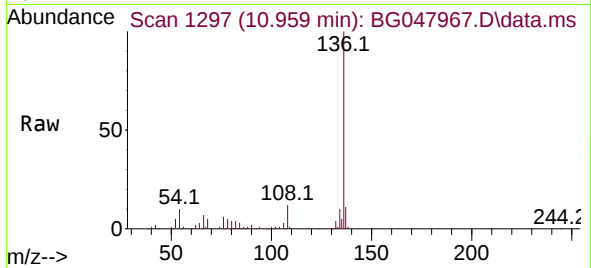




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.959 min Scan# 1297  
Delta R.T. -0.005 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

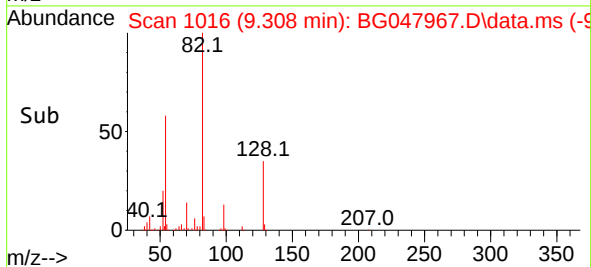
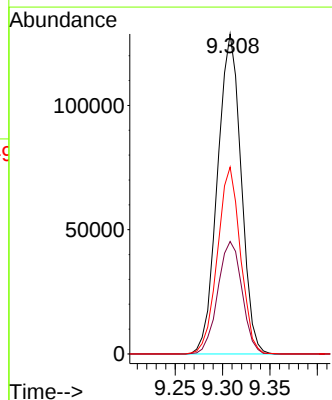
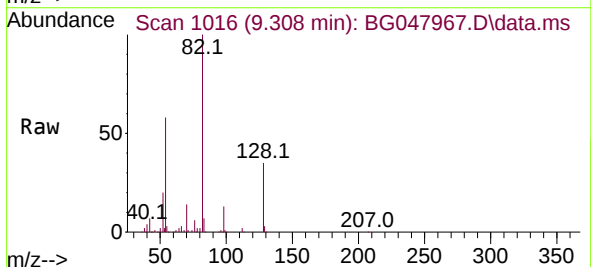
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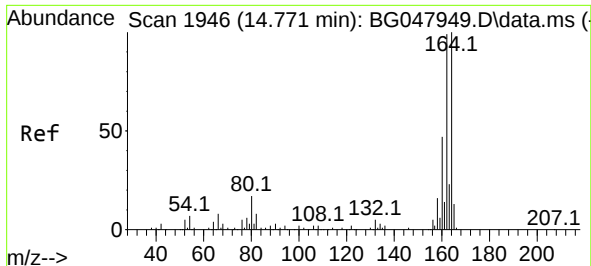
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 191537  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 11.4 9.1 13.7 |
| 54          | 10.2 6.2 9.4# |
| 68          | 5.4 5.0 7.4   |



#23  
Nitrobenzene-d5  
Concen: 51.21 ng  
RT: 9.308 min Scan# 1016  
Delta R.T. -0.005 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

|             |                 |
|-------------|-----------------|
| Tgt Ion: 82 | Resp: 223048    |
| Ion Ratio   | Lower Upper     |
| 82          | 100             |
| 128         | 35.2 37.0 55.6# |
| 54          | 58.4 39.0 58.4  |

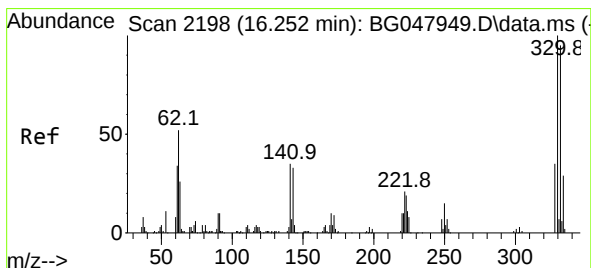
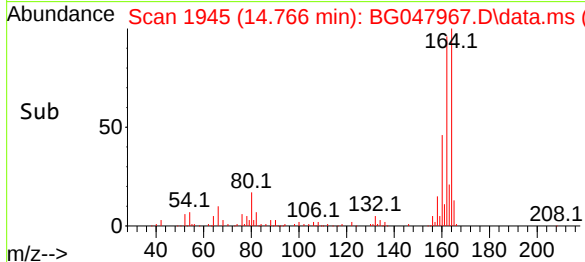
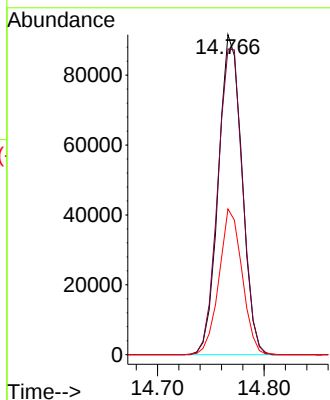
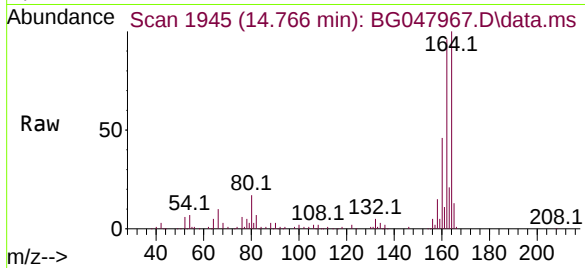




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.766 min Scan# 1945  
Delta R.T. -0.005 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

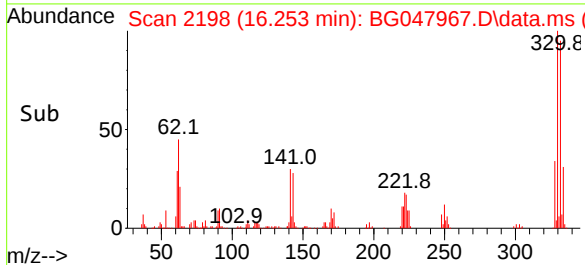
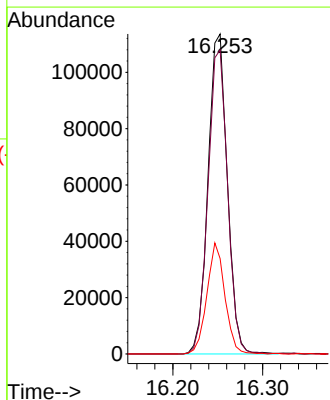
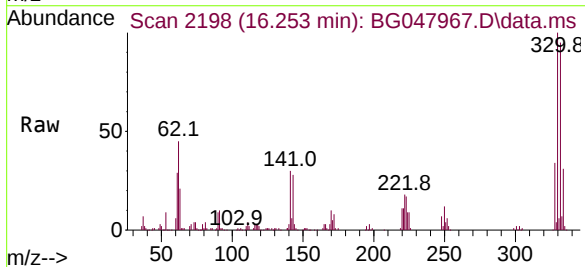
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BNA\_G  
ClientSampleId :  
0040-042-COMP-B

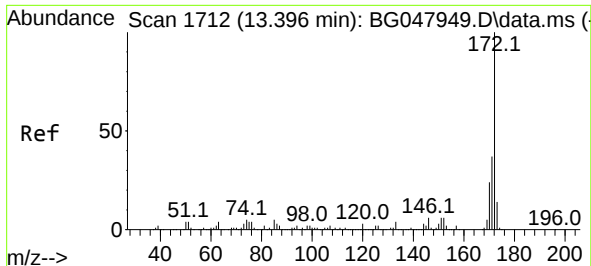
Tgt Ion:164 Resp: 140584  
Ion Ratio Lower Upper  
164 100  
162 95.6 82.3 123.5  
160 45.5 35.3 52.9



#42  
2,4,6-Tribromophenol  
Concen: 75.49 ng  
RT: 16.253 min Scan# 2198  
Delta R.T. 0.001 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion:330 Resp: 169833  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.5 114.7  
141 32.3 26.0 39.0

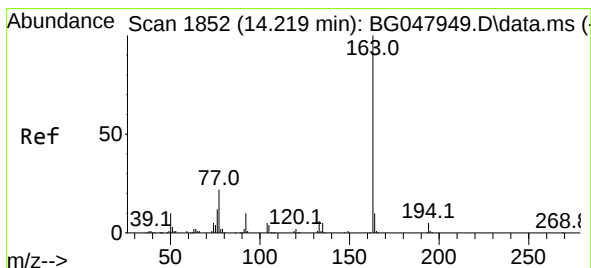
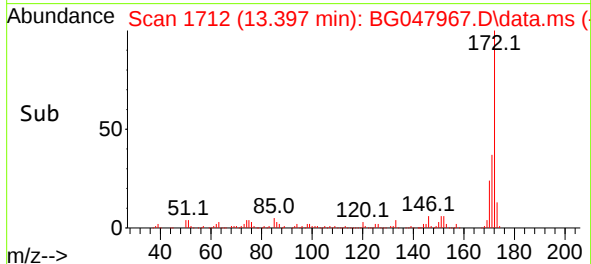
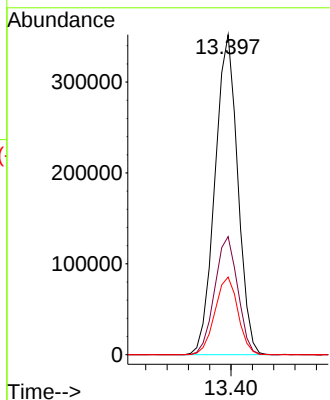
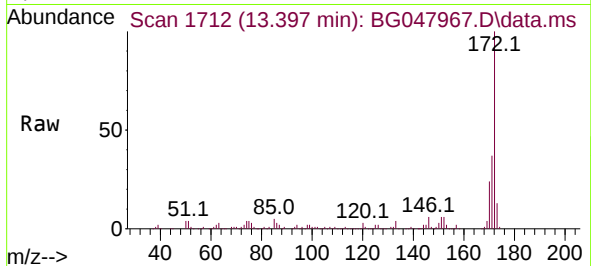




#45  
2-Fluorobiphenyl  
Concen: 49.56 ng  
RT: 13.397 min Scan# 1712  
Delta R.T. 0.001 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

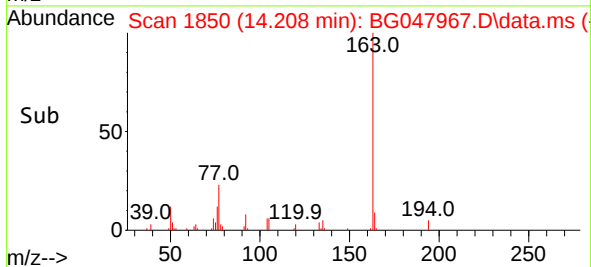
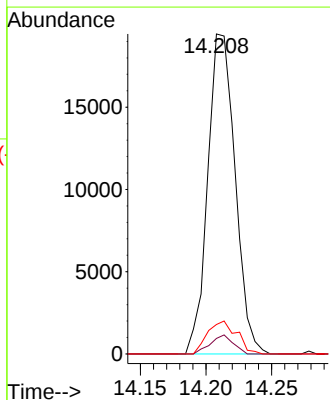
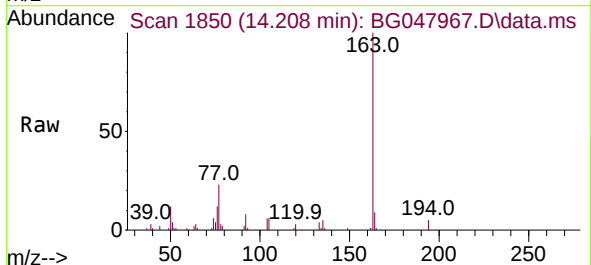
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BNA\_G  
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0040-042-COMP-B

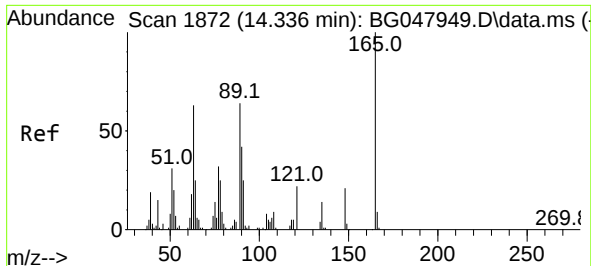
Tgt Ion:172 Resp: 521707  
Ion Ratio Lower Upper  
172 100  
171 36.9 31.3 46.9  
170 24.2 20.8 31.2



#50  
Dimethylphthalate  
Concen: 2.31 ng  
RT: 14.208 min Scan# 1850  
Delta R.T. -0.011 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion:163 Resp: 28282  
Ion Ratio Lower Upper  
163 100  
194 4.8 3.8 5.8  
164 9.2 8.8 13.2

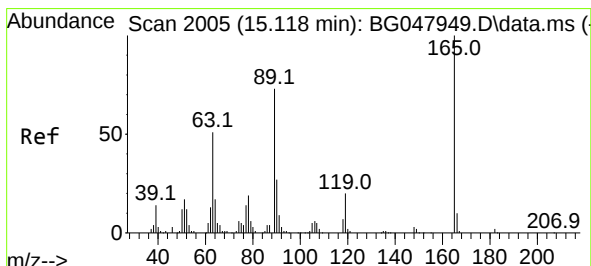
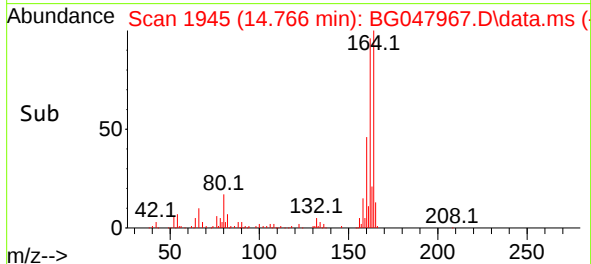
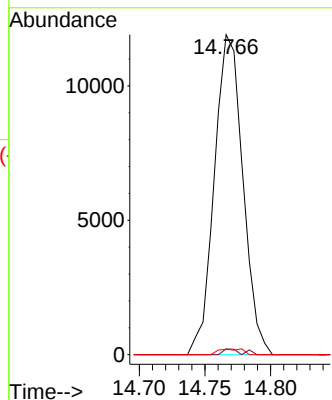
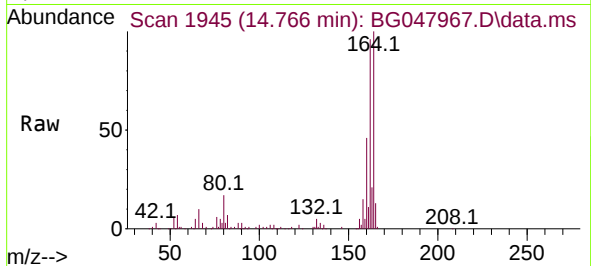




#51  
2,6-Dinitrotoluene  
Concen: 7.64 ng  
RT: 14.766 min Scan# 1945  
Delta R.T. 0.430 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

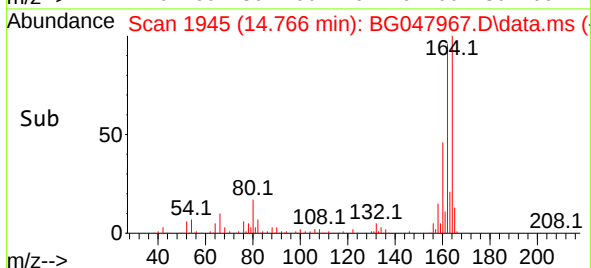
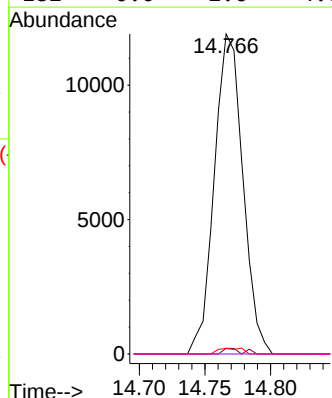
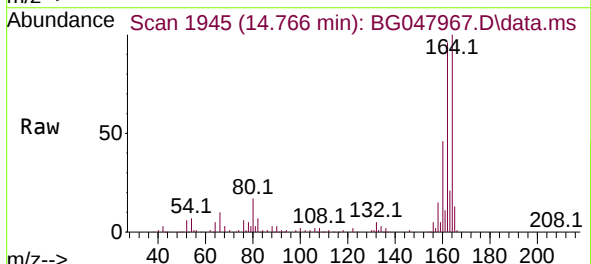
Instrument :  
BNA\_G  
ClientSampleId :  
0040-042-COMP-B

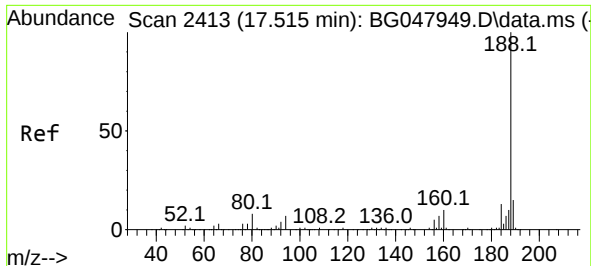
Tgt Ion:165 Resp: 17980  
Ion Ratio Lower Upper  
165 100  
63 1.8 33.7 50.5#  
89 1.7 36.6 54.8#



#57  
2,4-Dinitrotoluene  
Concen: 5.45 ng  
RT: 14.766 min Scan# 1945  
Delta R.T. -0.352 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion:165 Resp: 17980  
Ion Ratio Lower Upper  
165 100  
63 1.8 26.4 39.6#  
89 1.7 47.8 71.8#  
182 0.0 2.6 4.0#

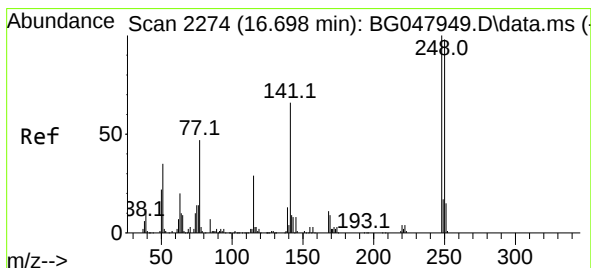
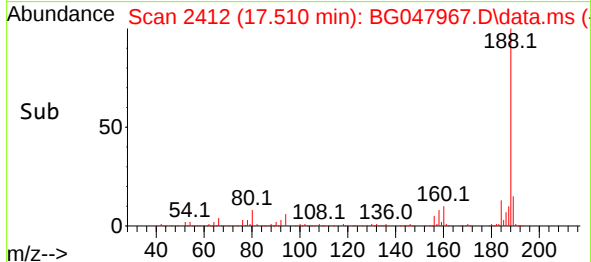
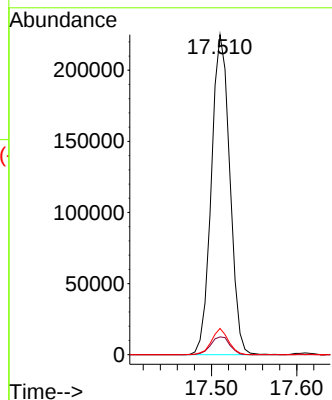
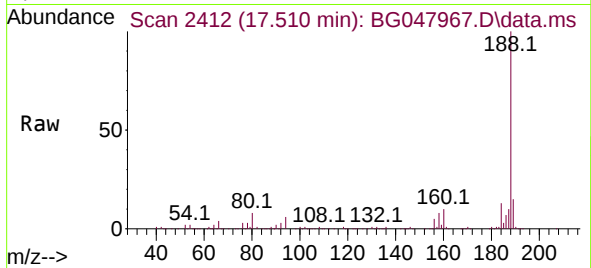




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.510 min Scan# 2412  
Delta R.T. -0.005 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

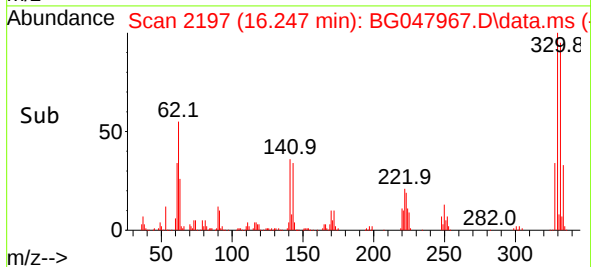
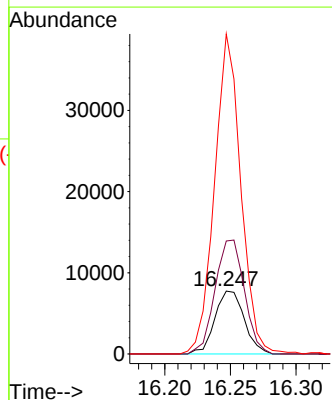
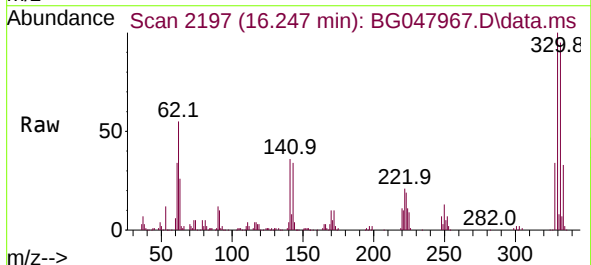
Instrument :  
BNA\_G  
ClientSampleId :  
0040-042-COMP-B

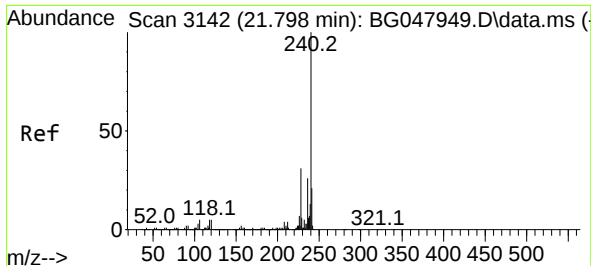
Tgt Ion:188 Resp: 338192  
Ion Ratio Lower Upper  
188 100  
94 5.5 6.3 9.5#  
80 8.2 7.0 10.6



#67  
4-Bromophenyl-phenylether  
Concen: 2.69 ng  
RT: 16.247 min Scan# 2197  
Delta R.T. -0.452 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion:248 Resp: 12058  
Ion Ratio Lower Upper  
248 100  
250 179.8 78.9 118.3#  
141 509.1 46.2 69.4#

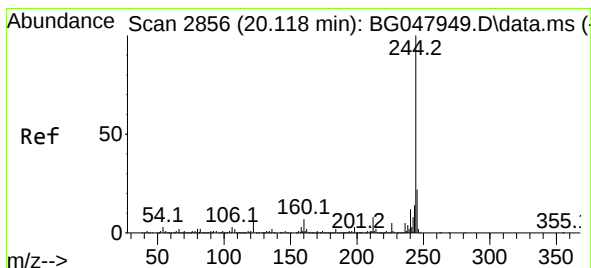
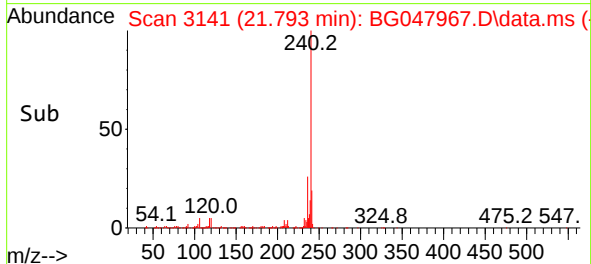
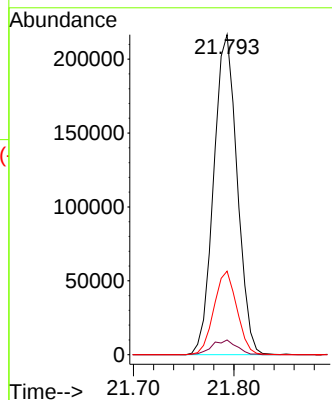
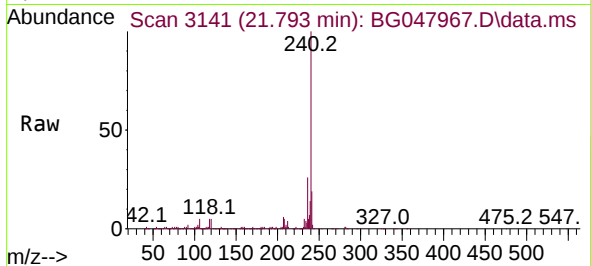




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.793 min Scan# 3141  
Delta R.T. -0.005 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

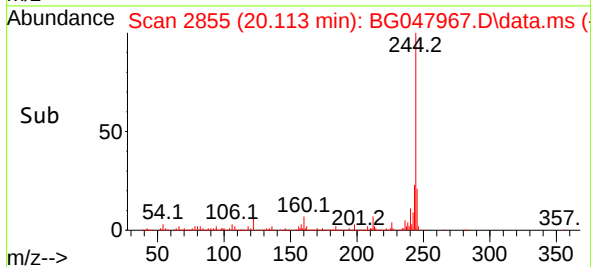
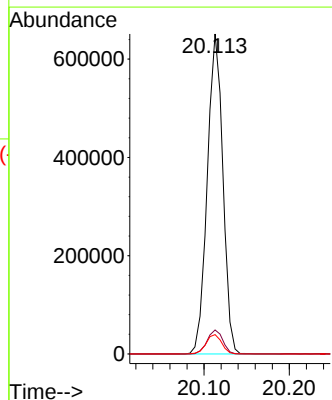
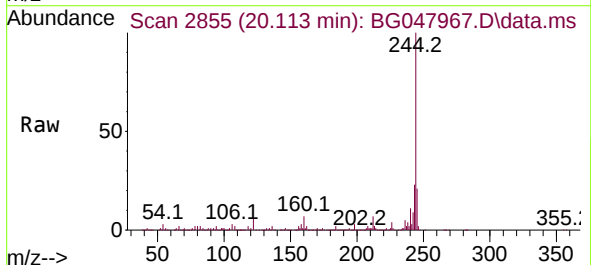
Instrument :  
BNA\_G  
ClientSampleId :  
0040-042-COMP-B

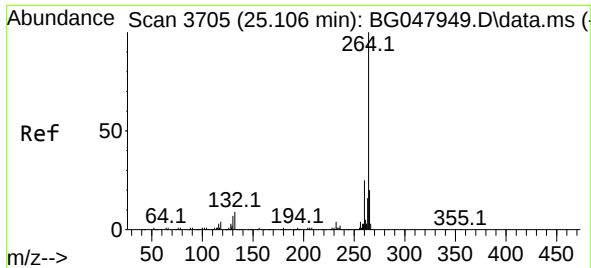
Tgt Ion:240 Resp: 351379  
Ion Ratio Lower Upper  
240 100  
120 4.6 6.2 9.4#  
236 26.1 20.5 30.7



#79  
Terphenyl-d14  
Concen: 43.52 ng  
RT: 20.113 min Scan# 2855  
Delta R.T. -0.005 min  
Lab File: BG047967.D  
Acq: 22 Jan 2021 00:06

Tgt Ion:244 Resp: 827202  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.7 10.1  
122 6.1 7.8 11.6#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.101 min Scan# 3704  
 Delta R.T. -0.005 min  
 Lab File: BG047967.D  
 Acq: 22 Jan 2021 00:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0040-042-COMP-B

Tgt Ion:264 Resp: 357236  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.8 28.2  
 265 21.4 17.8 26.8

