

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012621\  
 Data File : BG048016.D  
 Acq On : 26 Jan 2021 21:15  
 Operator : CG/JU  
 Sample : M1213-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDW-BR2-SO-012121

Quant Time: Jan 26 23:34:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 25 19:39:42 2021  
 Response via : Initial Calibration

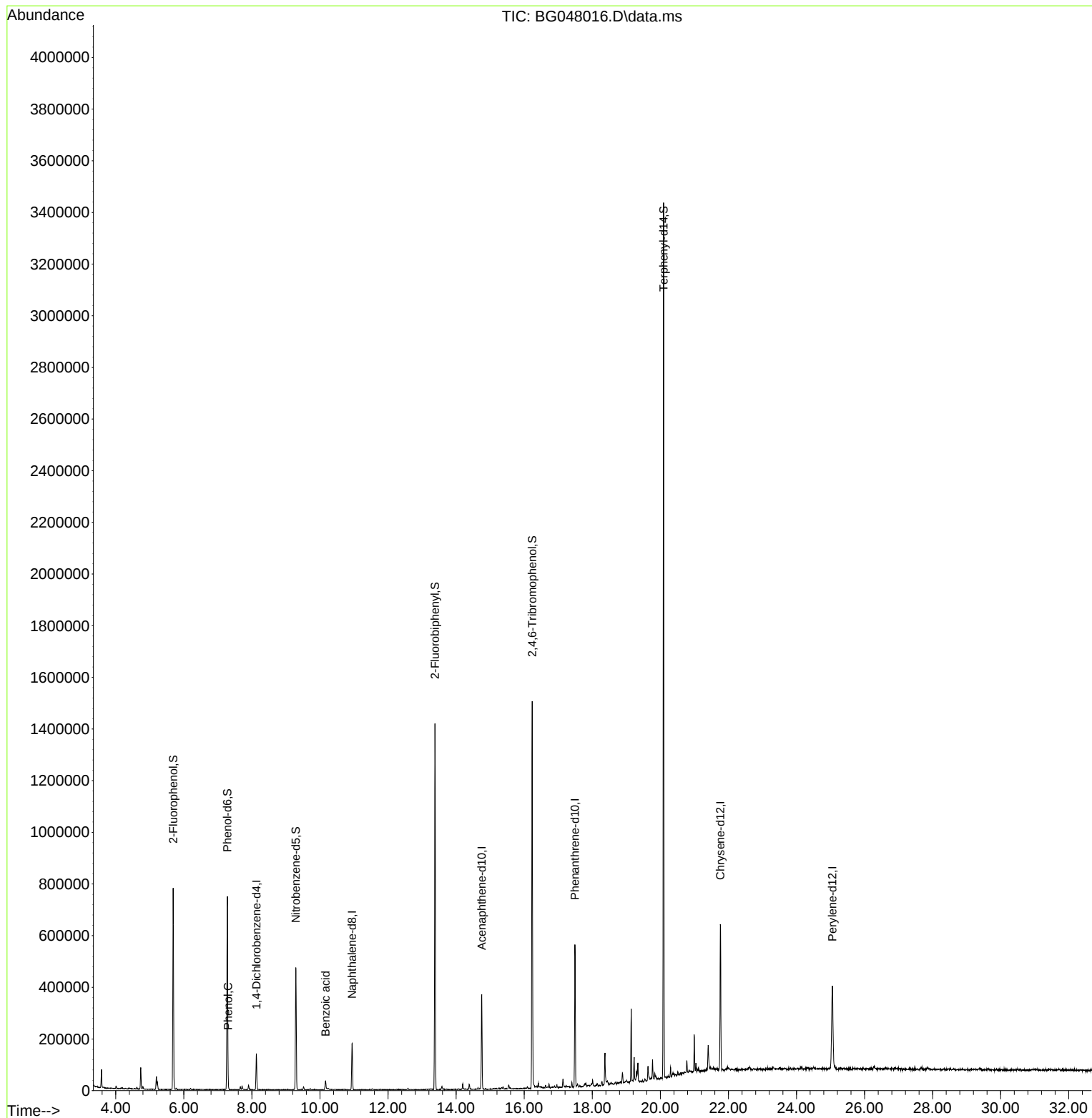
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.132  | 152  | 36204    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.947 | 136  | 151685   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.754 | 164  | 127109   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.492 | 188  | 349980   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.763 | 240  | 355208   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.054 | 264  | 351139   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.688  | 112  | 300978   | 127.76 | ng    | 0.00     |
| 7) Phenol-d6                | 7.280  | 99   | 403771   | 112.73 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.290  | 82   | 296753   | 77.41  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.234 | 330  | 289599   | 136.79 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.379 | 172  | 718340   | 73.07  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.095 | 244  | 1445152  | 70.54  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 10) Phenol                  | 7.304  | 94   | 8619     | 2.51   | ng    | # 66     |
| 32) Benzoic acid            | 10.165 | 122  | 11988    | 5.83   | ng    | # 76     |
| -----                       |        |      |          |        |       |          |

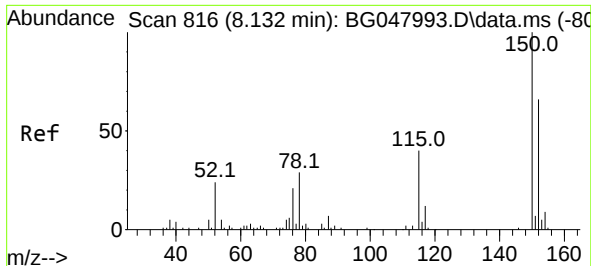
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012621\  
Data File : BG048016.D  
Acq On : 26 Jan 2021 21:15  
Operator : CG/JU  
Sample : M1213-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
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IDW-BR2-SO-012121

Quant Time: Jan 26 23:34:14 2021  
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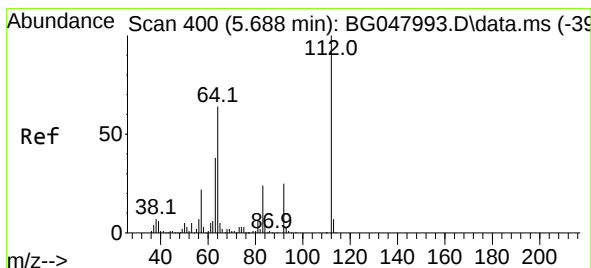
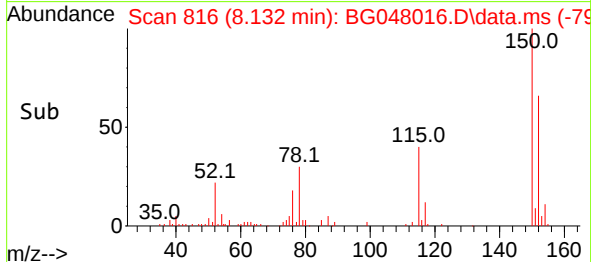
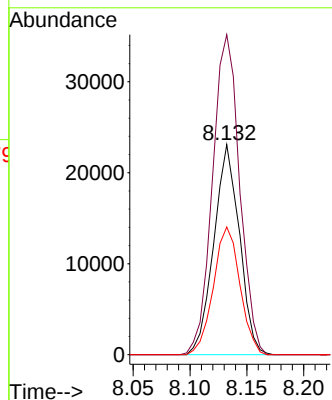
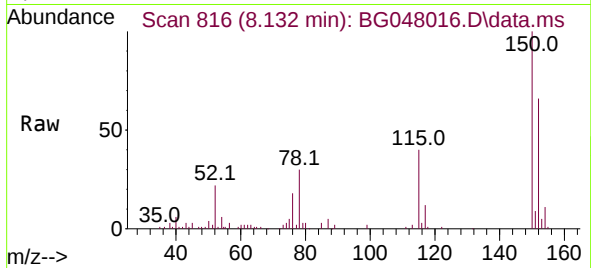




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.132 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

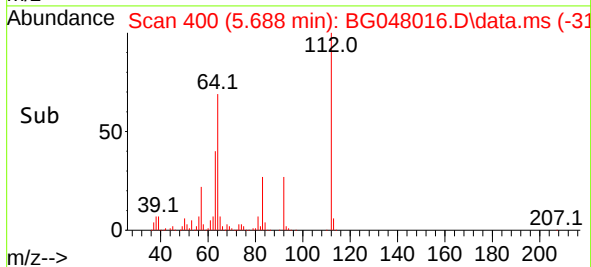
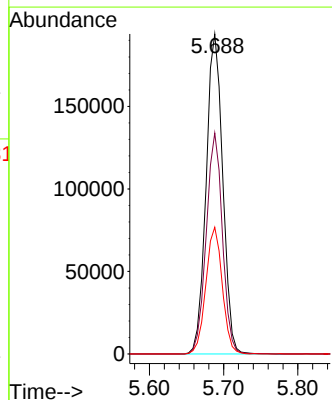
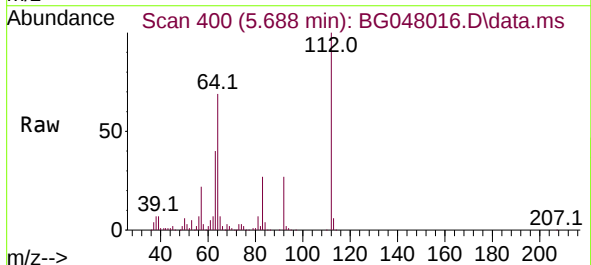
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BNA\_G  
ClientSampleId :  
IDW-BR2-SO-012121

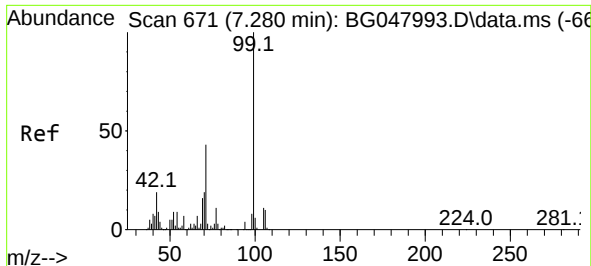
Tgt Ion:152 Resp: 36204  
Ion Ratio Lower Upper  
152 100  
150 152.3 125.0 187.6  
115 60.8 41.8 62.6



#5  
2-Fluorophenol  
Concen: 127.76 ng  
RT: 5.688 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

Tgt Ion:112 Resp: 300978  
Ion Ratio Lower Upper  
112 100  
64 69.1 46.7 70.1  
63 39.6 22.8 34.2#

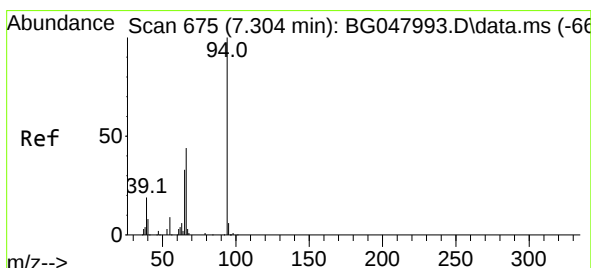
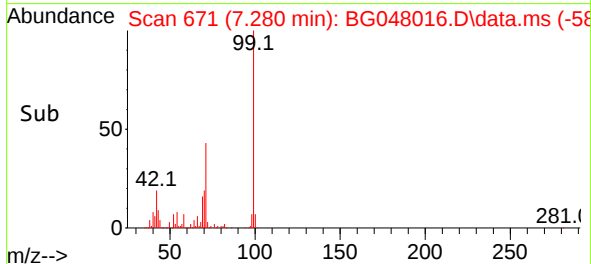
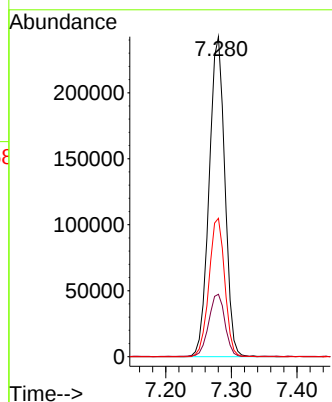
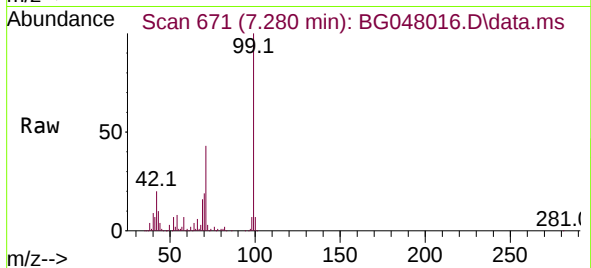




#7  
Phenol-d6  
Concen: 112.73 ng  
RT: 7.280 min Scan# 671  
Delta R.T. -0.000 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

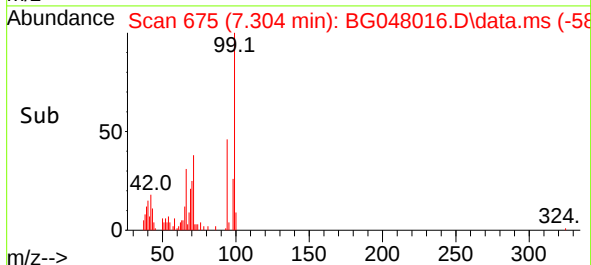
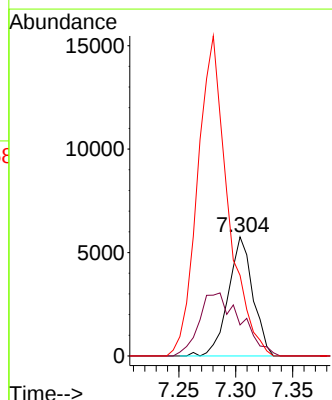
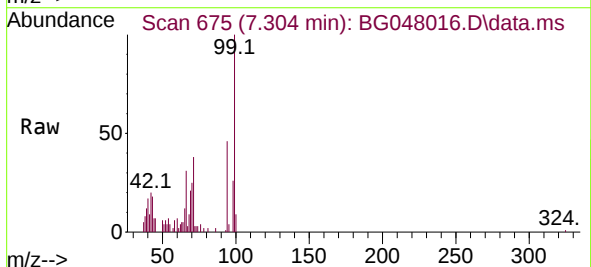
Instrument :  
BNA\_G  
ClientSampleId :  
IDW-BR2-SO-012121

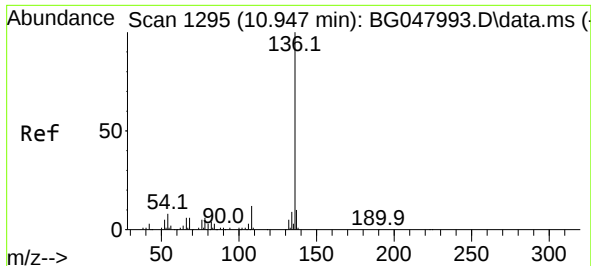
Tgt Ion: 99 Resp: 403771  
Ion Ratio Lower Upper  
99 100  
42 19.5 12.8 19.2#  
71 43.2 24.6 36.8#



#10  
Phenol  
Concen: 2.51 ng  
RT: 7.304 min Scan# 675  
Delta R.T. -0.000 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

Tgt Ion: 94 Resp: 8619  
Ion Ratio Lower Upper  
94 100  
65 26.1 6.6 46.6  
66 67.7 13.9 53.9#

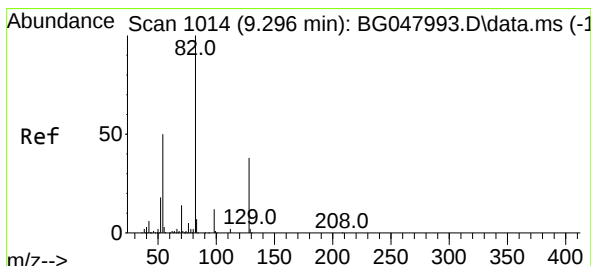
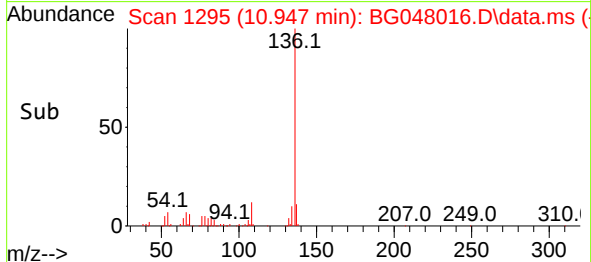
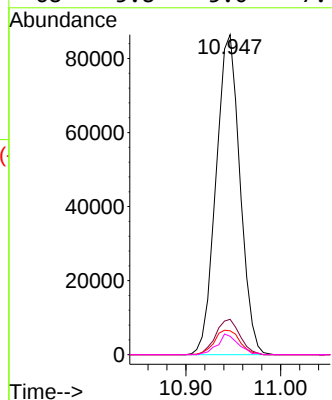
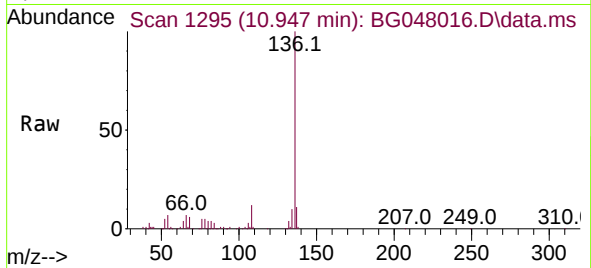




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.947 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

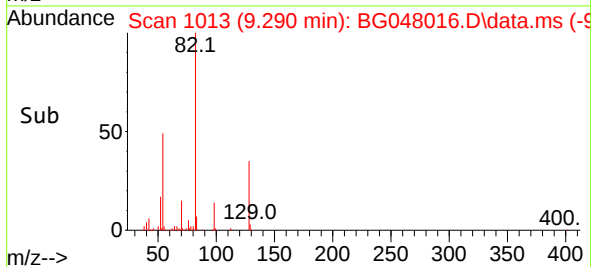
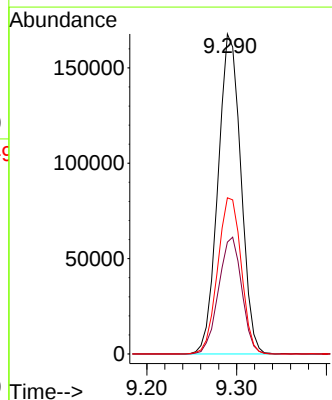
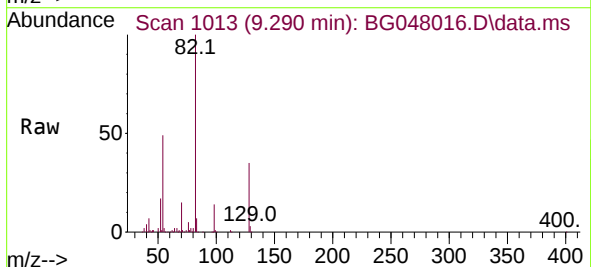
Instrument :  
BNA\_G  
ClientSampleId :  
IDW-BR2-SO-012121

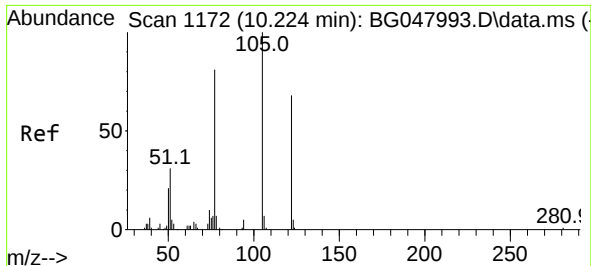
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 151685 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 9.1   | 13.7   |
| 54        | 7.5   | 6.2   | 9.4    |
| 68        | 5.8   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 77.41 ng  
RT: 9.290 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 296753 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.0  | 37.0  | 55.6#  |
| 54        | 48.8  | 39.0  | 58.4   |

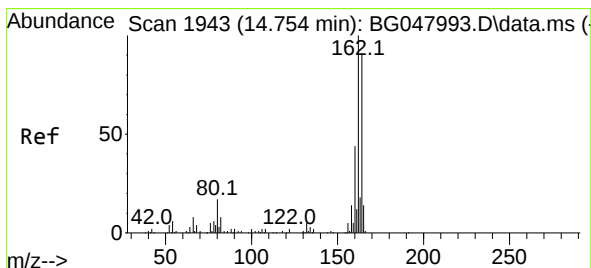
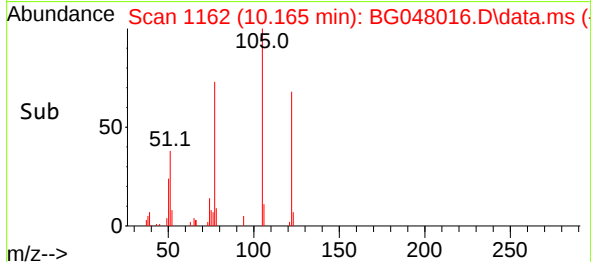
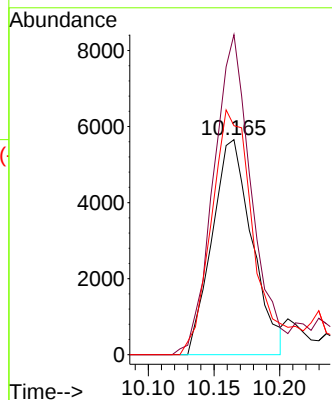
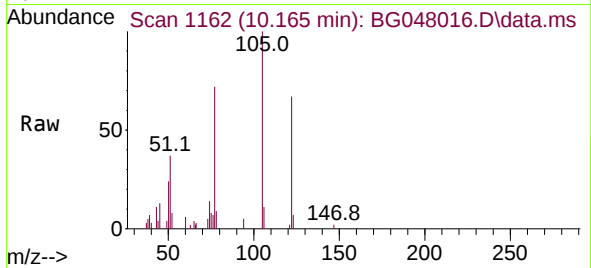




#32  
Benzoic acid  
Concen: 5.83 ng  
RT: 10.165 min Scan# 1162  
Delta R.T. -0.059 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

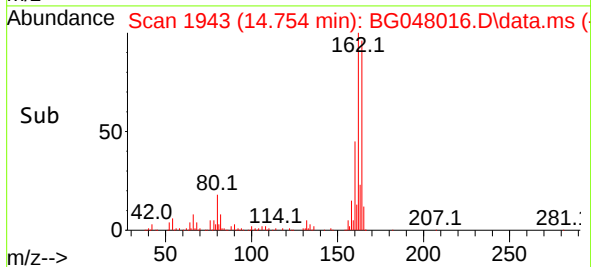
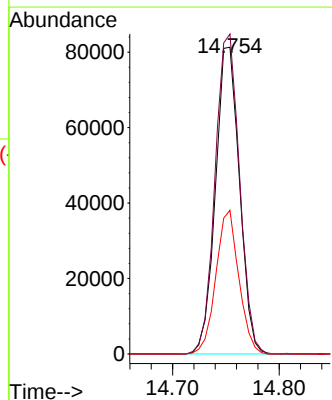
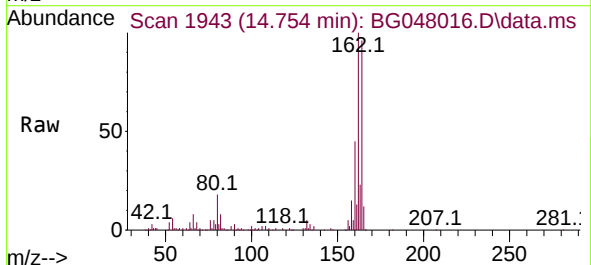
Instrument :  
BNA\_G  
ClientSampleId :  
IDW-BR2-SO-012121

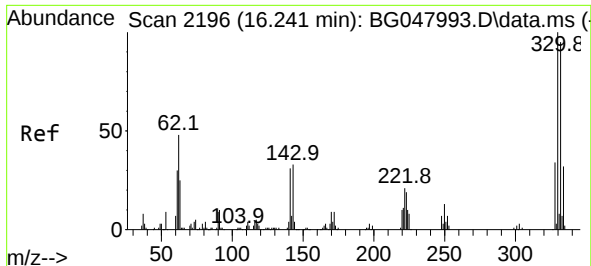
Tgt Ion:122 Resp: 11988  
Ion Ratio Lower Upper  
122 100  
105 148.8 103.7 143.7#  
77 106.5 63.0 103.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.754 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

Tgt Ion:164 Resp: 127109  
Ion Ratio Lower Upper  
164 100  
162 104.3 82.3 123.5  
160 46.8 35.3 52.9

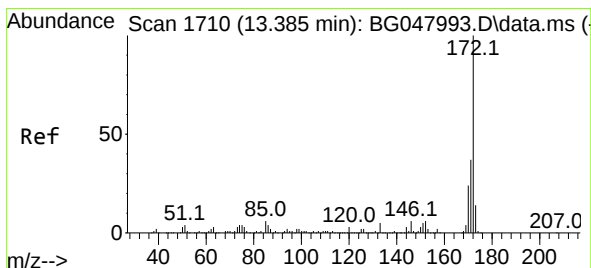
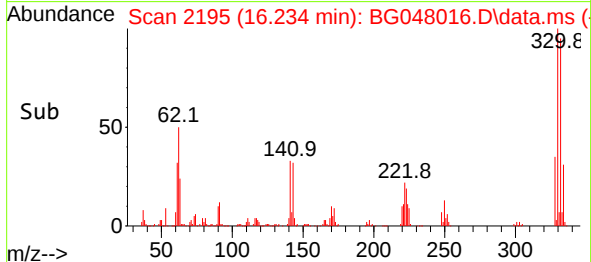
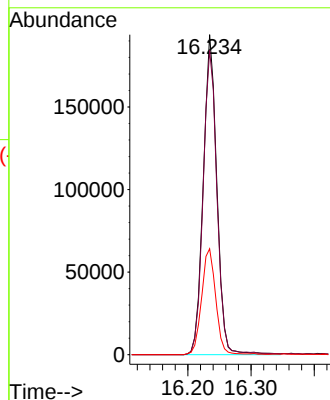
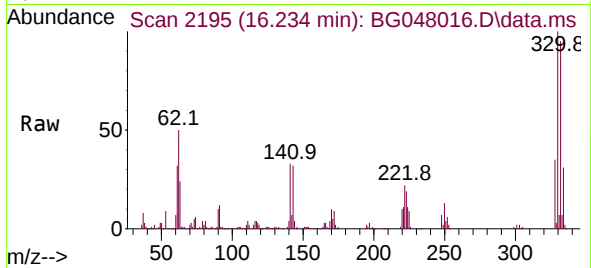




#42  
2,4,6-Tribromophenol  
Concen: 136.79 ng  
RT: 16.234 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

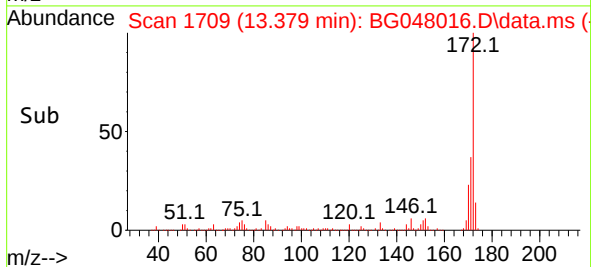
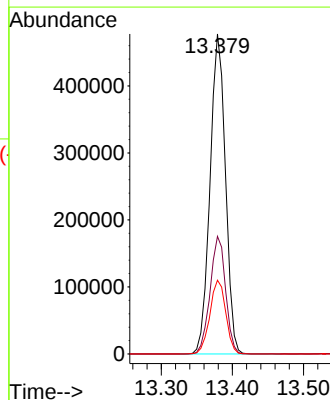
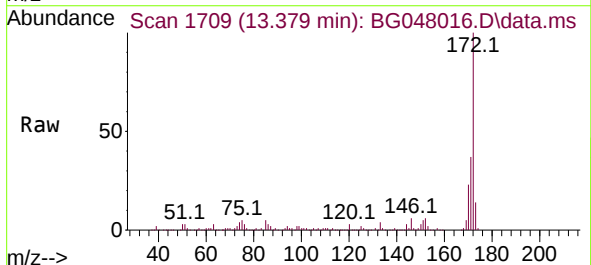
Instrument :  
BNA\_G  
ClientSampleId :  
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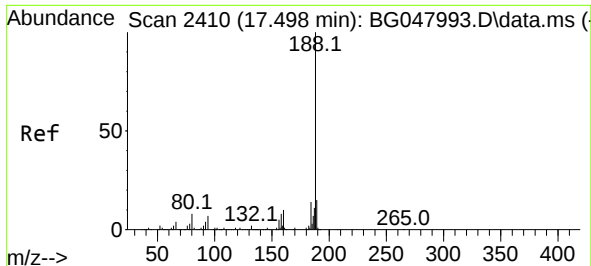
Tgt Ion:330 Resp: 289599  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.5 114.7  
141 34.2 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 73.07 ng  
RT: 13.379 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

Tgt Ion:172 Resp: 718340  
Ion Ratio Lower Upper  
172 100  
171 36.8 31.3 46.9  
170 23.1 20.8 31.2

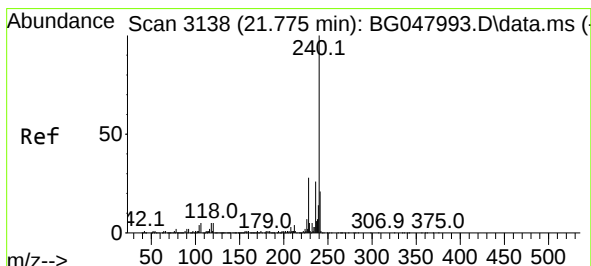
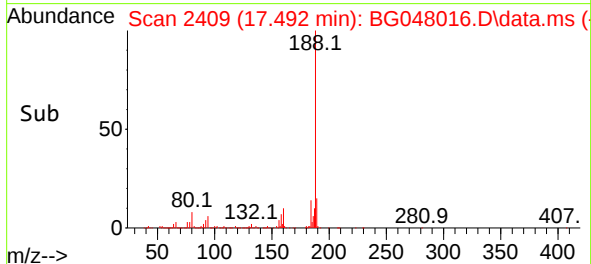
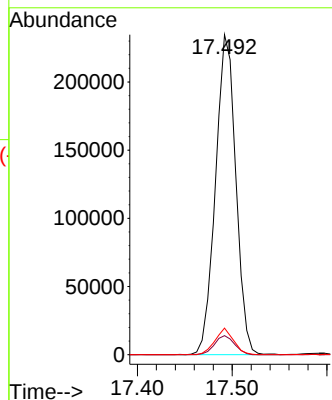
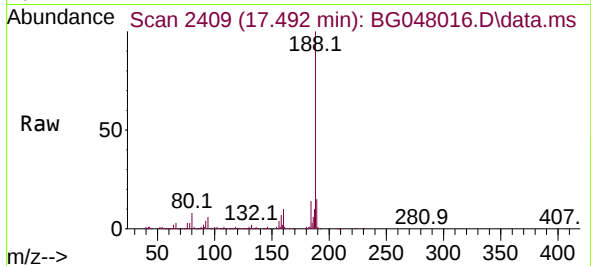




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.492 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

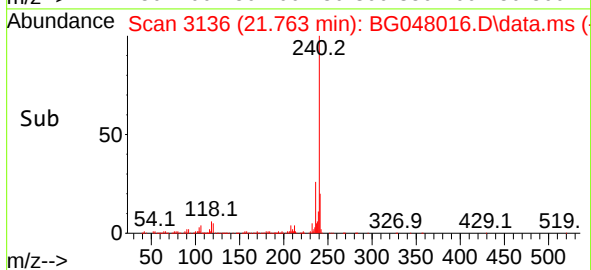
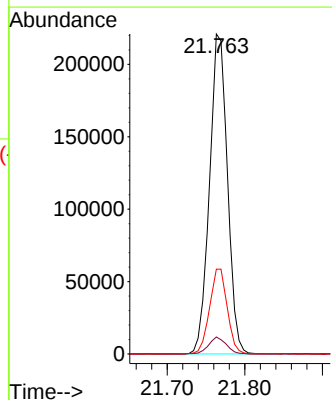
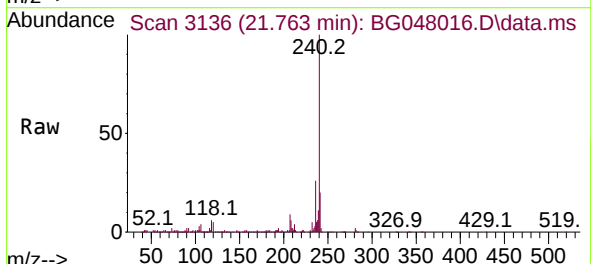
Instrument :  
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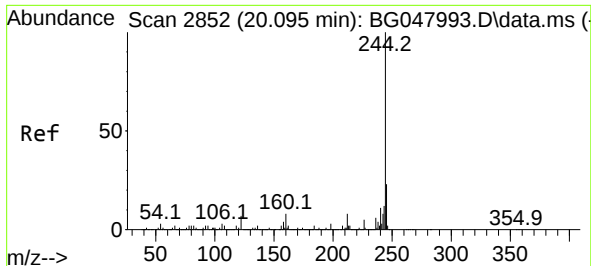
Tgt Ion:188 Resp: 349980  
Ion Ratio Lower Upper  
188 100  
94 5.9 6.3 9.5#  
80 8.3 7.0 10.6



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.763 min Scan# 3136  
Delta R.T. -0.012 min  
Lab File: BG048016.D  
Acq: 26 Jan 2021 21:15

Tgt Ion:240 Resp: 355208  
Ion Ratio Lower Upper  
240 100  
120 5.3 6.2 9.4#  
236 26.5 20.5 30.7

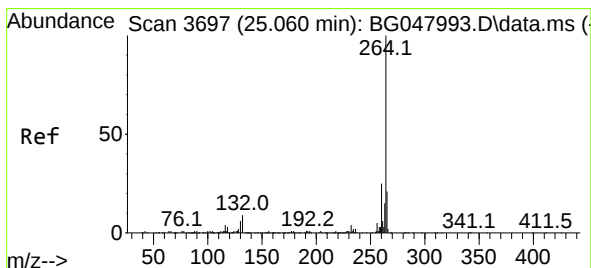
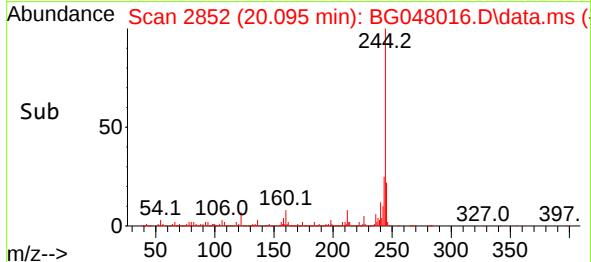
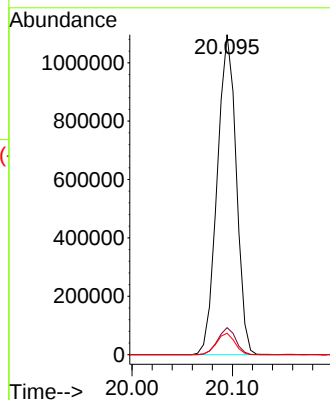
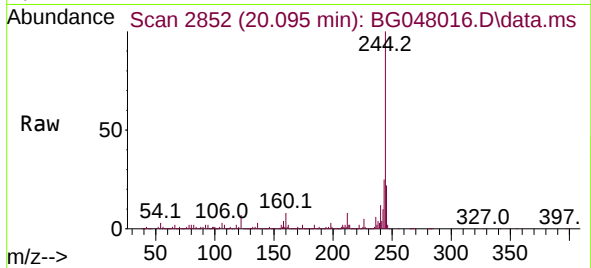




#79  
 Terphenyl-d14  
 Concen: 70.54 ng  
 RT: 20.095 min Scan# 2852  
 Delta R.T. -0.000 min  
 Lab File: BG048016.D  
 Acq: 26 Jan 2021 21:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDW-BR2-SO-012121

Tgt Ion:244 Resp: 1445152  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 6.7 10.1  
 122 6.7 7.8 11.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.054 min Scan# 3696  
 Delta R.T. -0.006 min  
 Lab File: BG048016.D  
 Acq: 26 Jan 2021 21:15

Tgt Ion:264 Resp: 351139  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.8 28.2  
 265 22.1 17.8 26.8

