

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012821\  
 Data File : BG048058.D  
 Acq On : 28 Jan 2021 15:04  
 Operator : CG/JU  
 Sample : M1252-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BS-SP

Quant Time: Jan 28 15:55:02 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   | 8.125  | 152  | 38698    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.940 | 136  | 139485   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.747 | 164  | 93675    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.491 | 188  | 235785   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.762 | 240  | 313126   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.041 | 264  | 318945   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.681  | 112  | 254465   | 101.06 | ng    | 0.00     |
| 7) Phenol-d6                | 7.274  | 99   | 340480   | 88.93  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.283  | 82   | 226555   | 64.27  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.228 | 330  | 178518   | 114.42 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.372 | 172  | 440290   | 60.77  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.088 | 244  | 834480   | 46.21  | ng    | 0.00     |

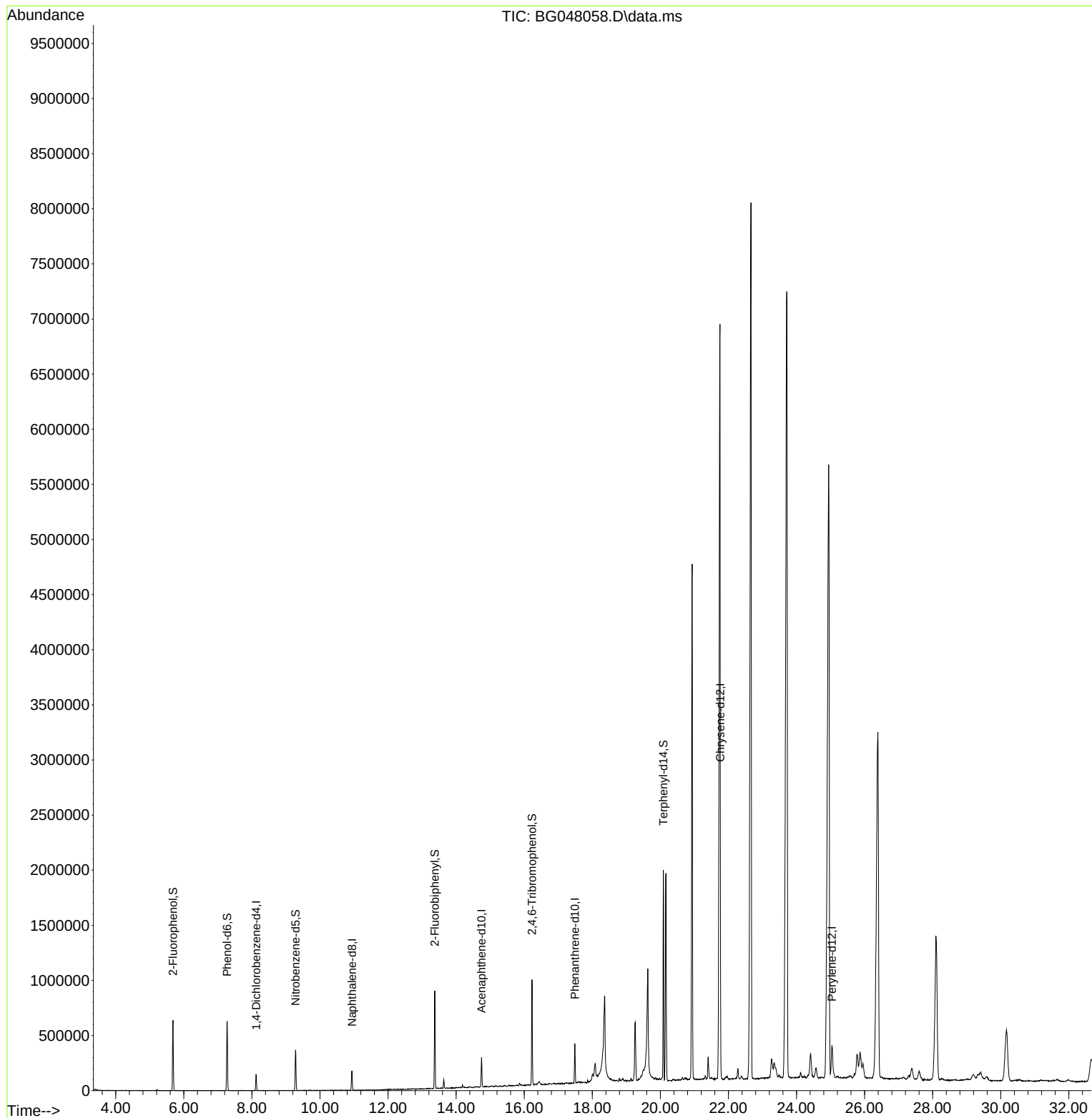
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

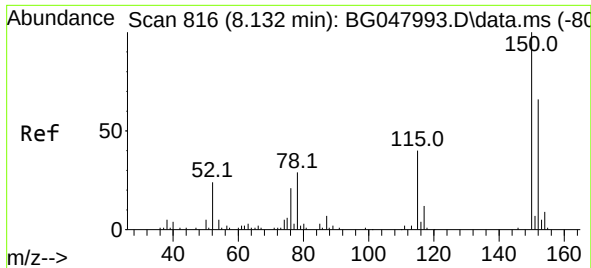
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012821\  
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Sample : M1252-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 25 19:39:42 2021  
Response via : Initial Calibration

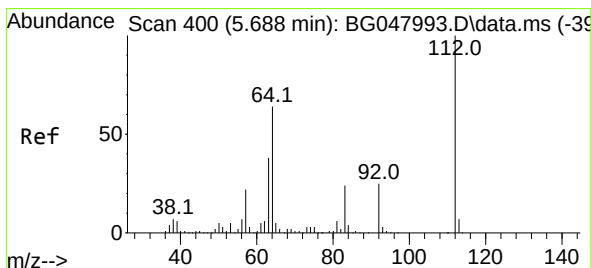
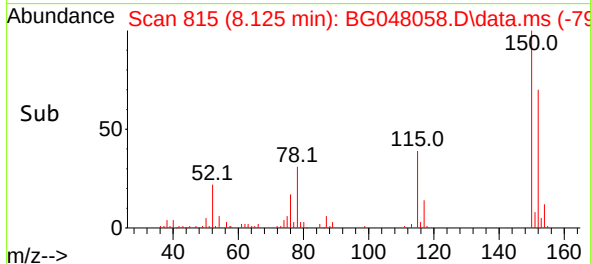
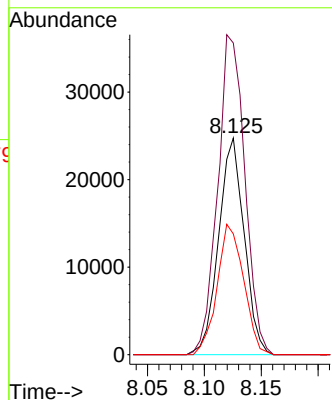
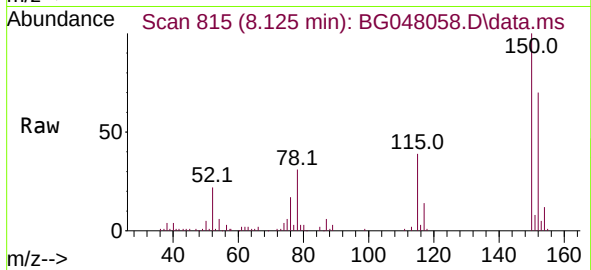




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.125 min Scan# 815  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

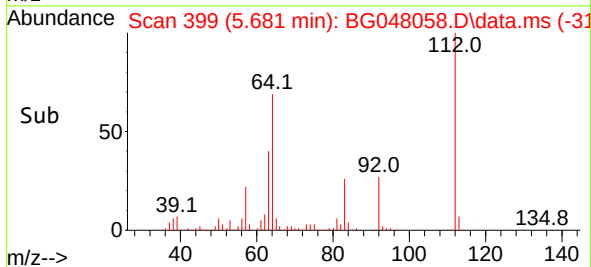
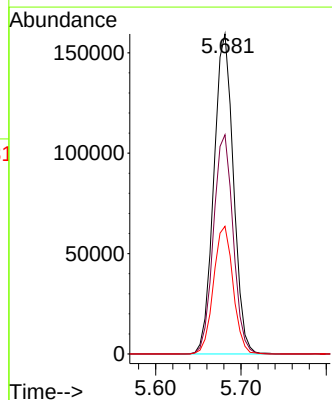
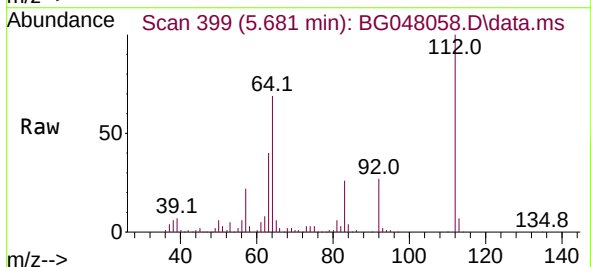
Instrument :  
BNA\_G  
ClientSampleId :  
BS-SP

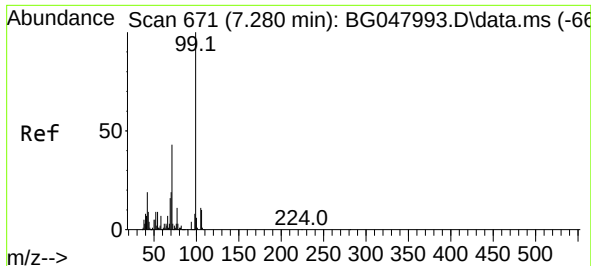
Tgt Ion:152 Resp: 38698  
Ion Ratio Lower Upper  
152 100  
150 143.8 125.0 187.6  
115 55.8 41.8 62.6



#5  
2-Fluorophenol  
Concen: 101.06 ng  
RT: 5.681 min Scan# 399  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Tgt Ion:112 Resp: 254465  
Ion Ratio Lower Upper  
112 100  
64 68.5 46.7 70.1  
63 39.9 22.8 34.2#

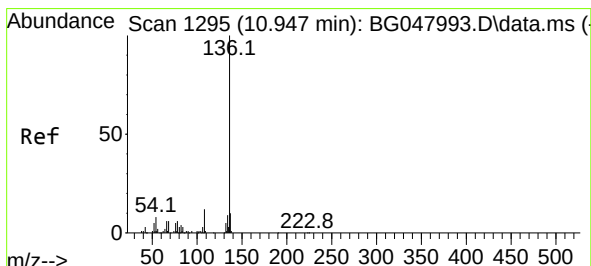
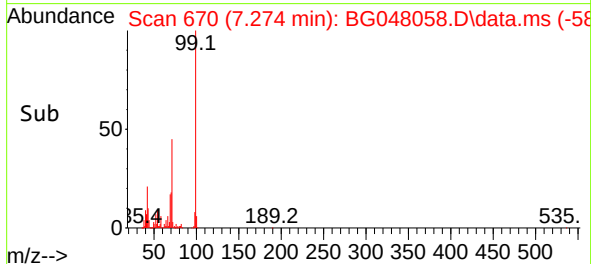
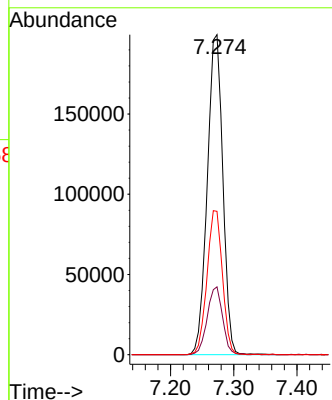
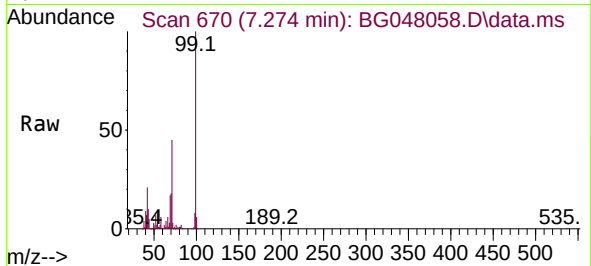




#7  
Phenol-d6  
Concen: 88.93 ng  
RT: 7.274 min Scan# 670  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

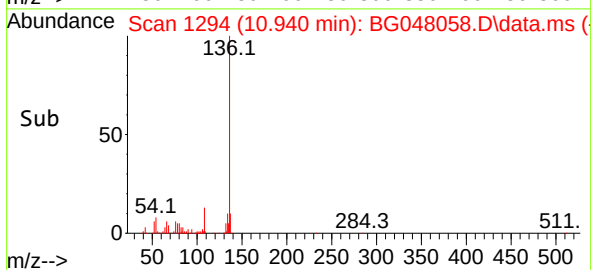
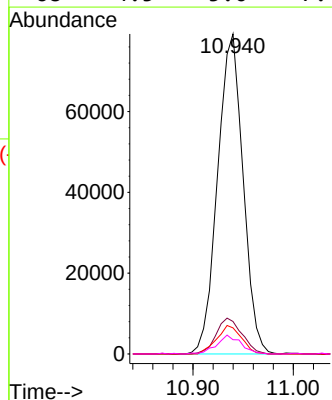
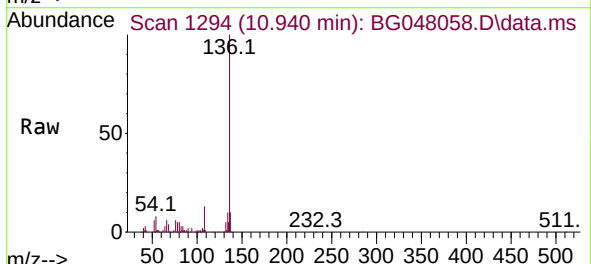
Instrument :  
BNA\_G  
ClientSampleId :  
BS-SP

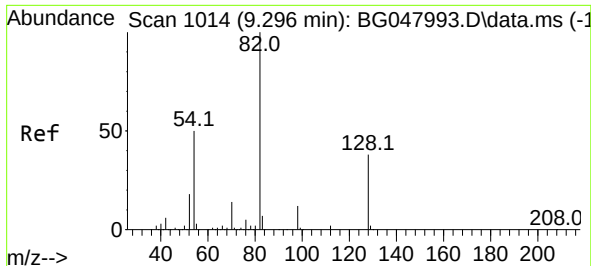
Tgt Ion: 99 Resp: 340480  
Ion Ratio Lower Upper  
99 100  
42 21.2 12.8 19.2#  
71 44.8 24.6 36.8#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.940 min Scan# 1294  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Tgt Ion:136 Resp: 139485  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.1 13.7  
54 8.2 6.2 9.4  
68 4.5 5.0 7.4#

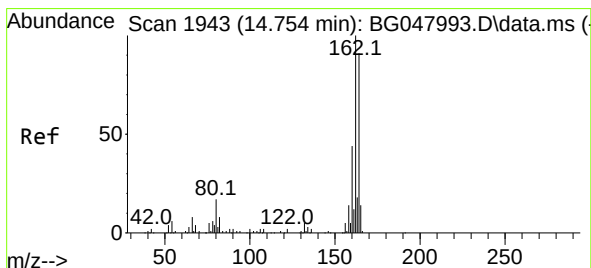
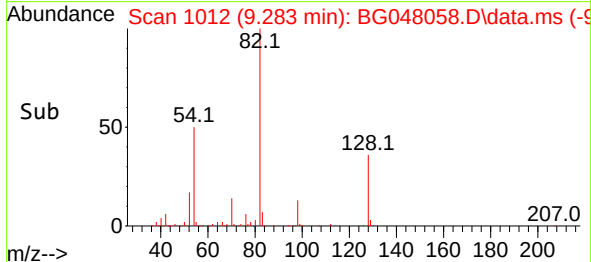
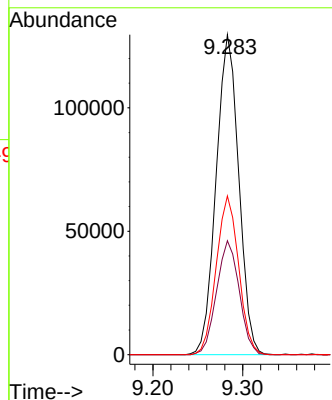
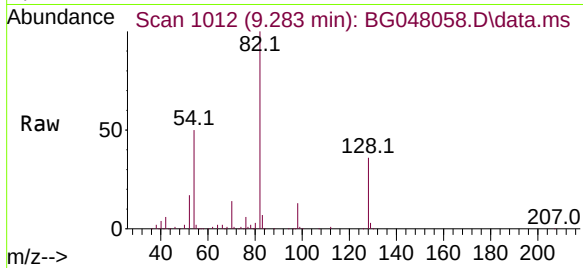




#23  
Nitrobenzene-d5  
Concen: 64.27 ng  
RT: 9.283 min Scan# 1012  
Delta R.T. -0.013 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

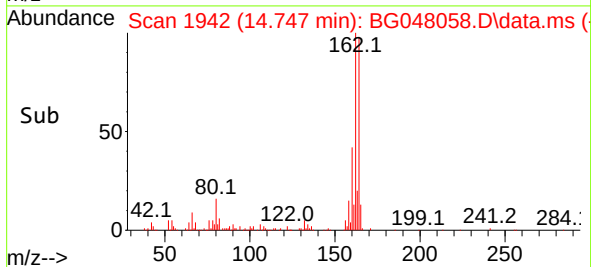
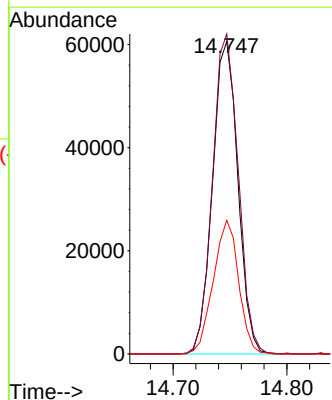
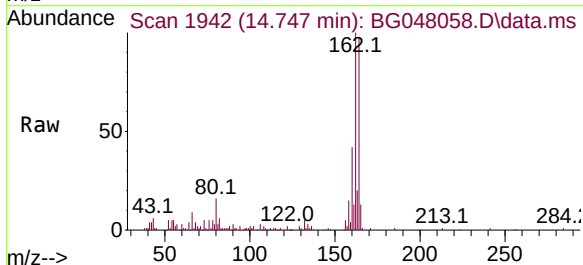
Instrument :  
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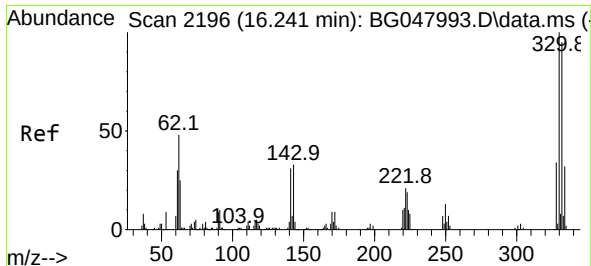
Tgt Ion: 82 Resp: 226555  
Ion Ratio Lower Upper  
82 100  
128 35.6 37.0 55.6#  
54 49.6 39.0 58.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.747 min Scan# 1942  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Tgt Ion:164 Resp: 93675  
Ion Ratio Lower Upper  
164 100  
162 102.4 82.3 123.5  
160 42.7 35.3 52.9

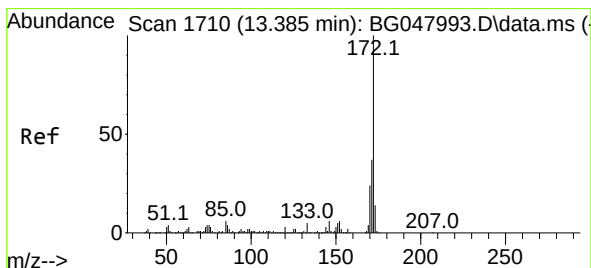
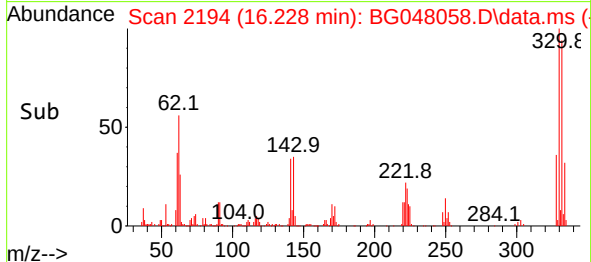
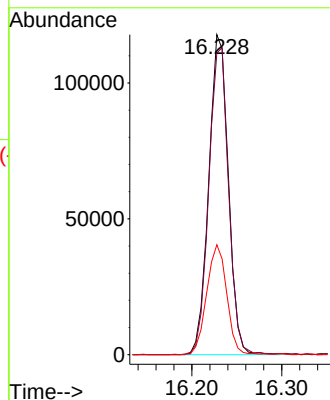
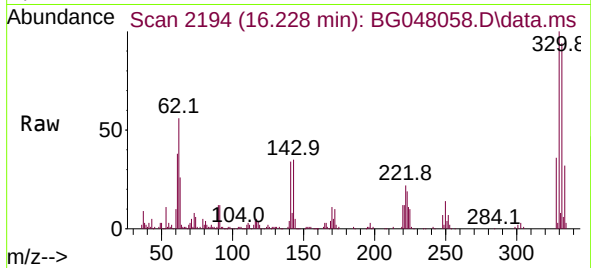




#42  
2,4,6-Tribromophenol  
Concen: 114.42 ng  
RT: 16.228 min Scan# 2194  
Delta R.T. -0.013 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

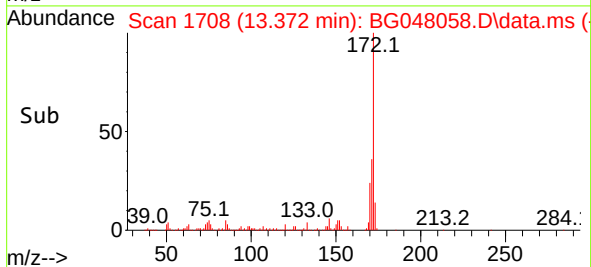
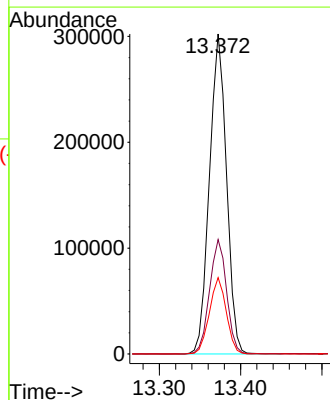
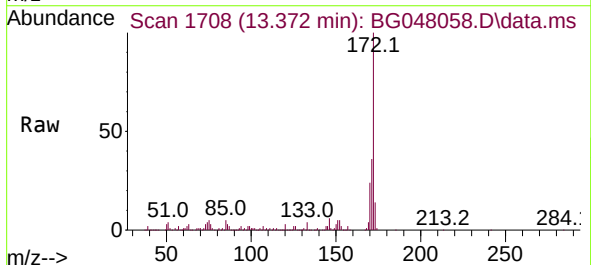
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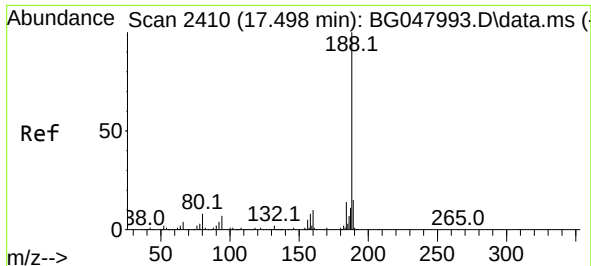
Tgt Ion:330 Resp: 178518  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.5 114.7  
141 35.2 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 60.77 ng  
RT: 13.372 min Scan# 1708  
Delta R.T. -0.013 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Tgt Ion:172 Resp: 440290  
Ion Ratio Lower Upper  
172 100  
171 35.8 31.3 46.9  
170 23.8 20.8 31.2

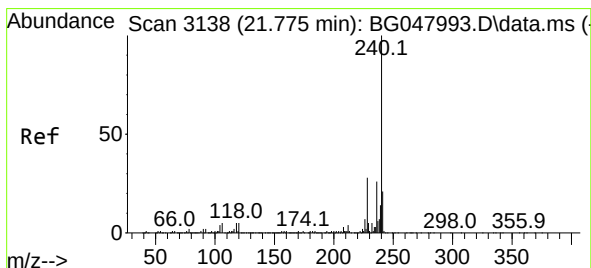
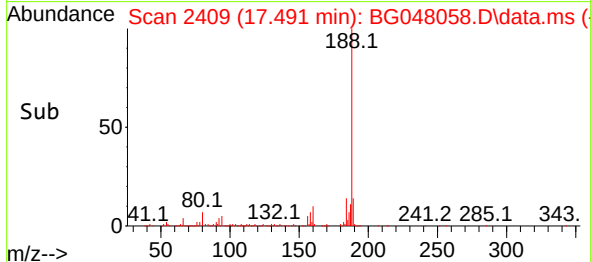
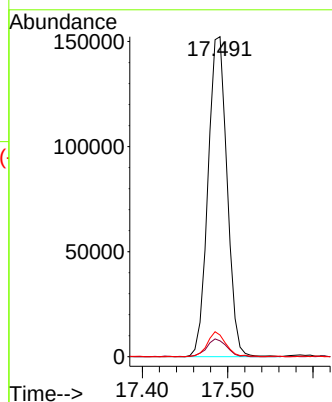
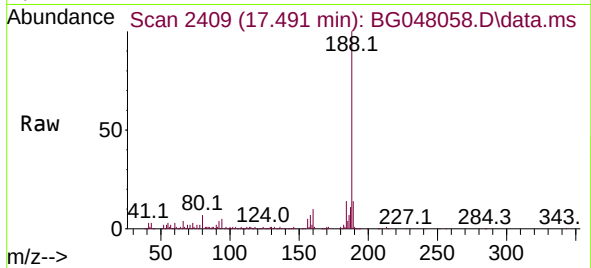




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.491 min Scan# 2409  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

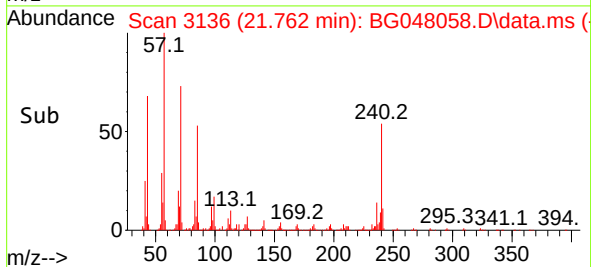
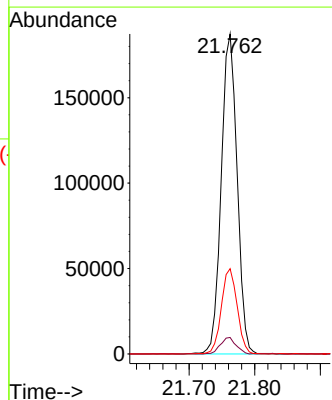
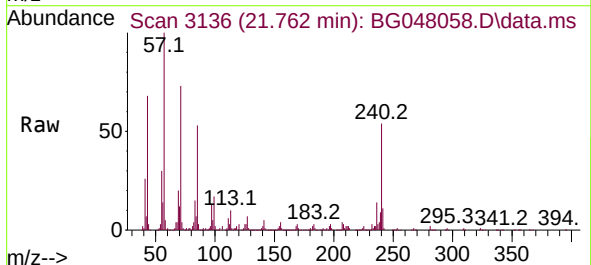
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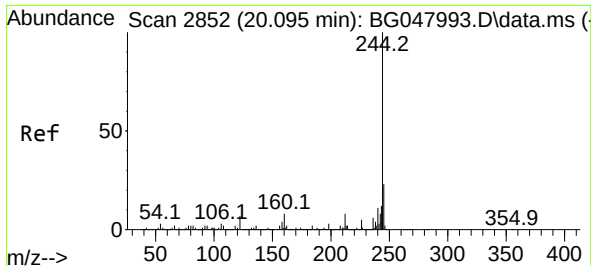
Tgt Ion:188 Resp: 235785  
Ion Ratio Lower Upper  
188 100  
94 5.0 6.3 9.5#  
80 6.8 7.0 10.6#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.762 min Scan# 3136  
Delta R.T. -0.013 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Tgt Ion:240 Resp: 313126  
Ion Ratio Lower Upper  
240 100  
120 5.1 6.2 9.4#  
236 26.6 20.5 30.7

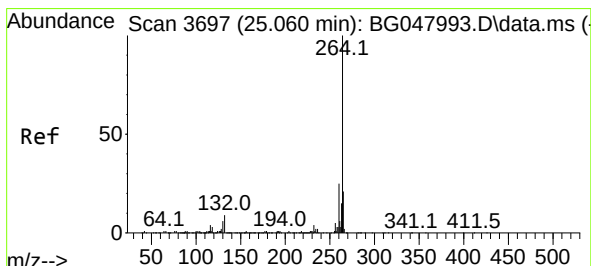
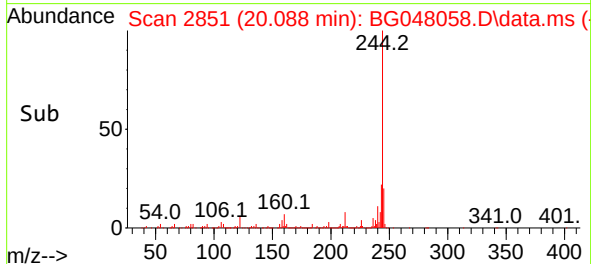
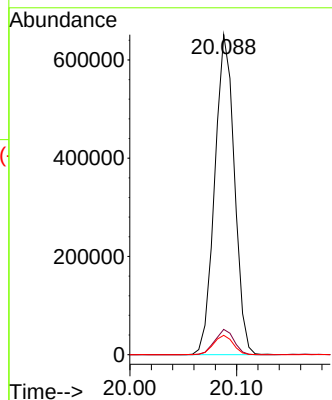
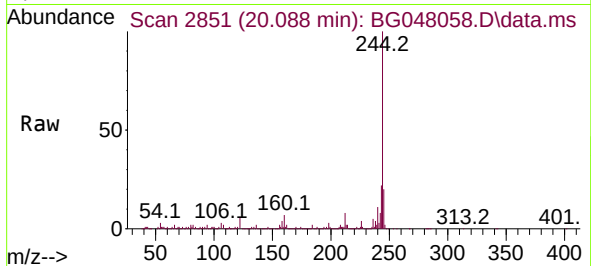




#79  
Terphenyl-d14  
Concen: 46.21 ng  
RT: 20.088 min Scan# 2851  
Delta R.T. -0.007 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
BS-SP

Tgt Ion:244 Resp: 834480  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.7 10.1  
122 6.1 7.8 11.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.041 min Scan# 3694  
Delta R.T. -0.019 min  
Lab File: BG048058.D  
Acq: 28 Jan 2021 15:04

Tgt Ion:264 Resp: 318945  
Ion Ratio Lower Upper  
264 100  
260 24.7 18.8 28.2  
265 21.1 17.8 26.8

