

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040621\  
 Data File : BG048608.D  
 Acq On : 6 Apr 2021 17:46  
 Operator : CG/JU  
 Sample : M1928-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TW-3

Quant Time: Apr 06 18:41:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 02 10:20:56 2021  
 Response via : Initial Calibration

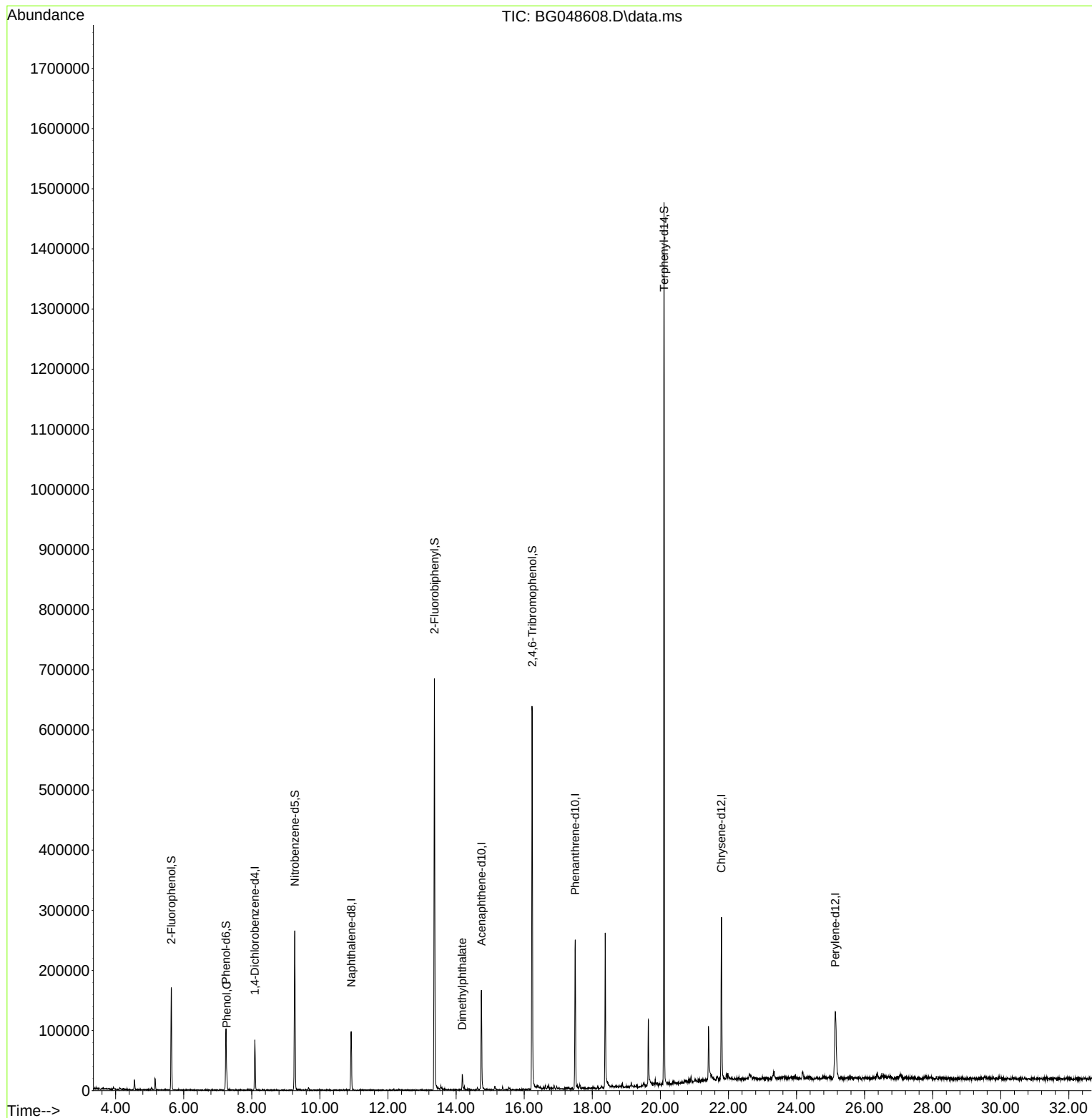
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.088  | 152  | 21763    | 20.00  | ng    | # 0.00    |
| 21) Naphthalene-d8          | 10.920 | 136  | 87110    | 20.00  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.745 | 164  | 57999    | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.501 | 188  | 164734   | 20.00  | ng    | # 0.00    |
| 76) Chrysene-d12            | 21.796 | 240  | 169470   | 20.00  | ng    | # 0.00    |
| 86) Perylene-d12            | 25.139 | 264  | 105142   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.638  | 112  | 70503    | 57.19  | ng    | 0.00      |
| 7) Phenol-d6                | 7.242  | 99   | 52421    | 29.32  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.263  | 82   | 155255   | 86.29  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.238 | 330  | 118696   | 155.68 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.364 | 172  | 350832   | 89.91  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.110 | 244  | 679431   | 73.32  | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 10) Phenol                  | 7.266  | 94   | 8178     | 4.57   | ng    | Qvalue 89 |
| 50) Dimethylphthalate       | 14.181 | 163  | 16768    | 3.90   | ng    | # 95      |
| -----                       |        |      |          |        |       |           |

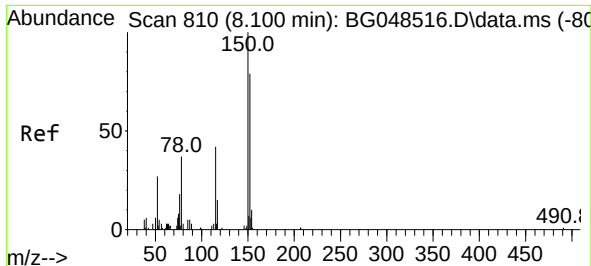
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_G  
ClientSampleId :  
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Quant Time: Apr 06 18:41:51 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 02 10:20:56 2021  
Response via : Initial Calibration

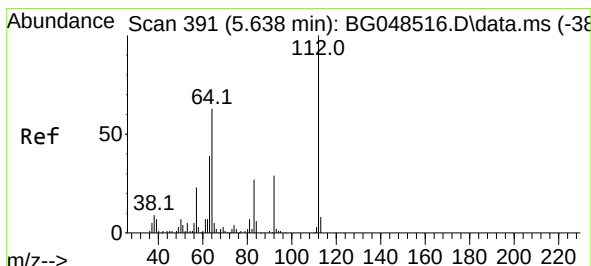
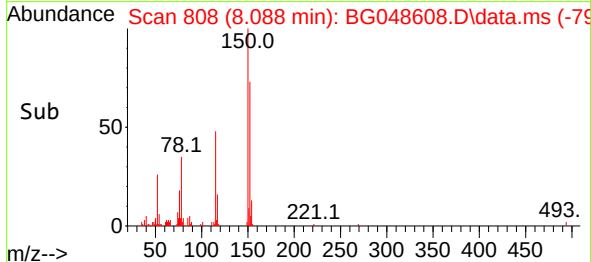
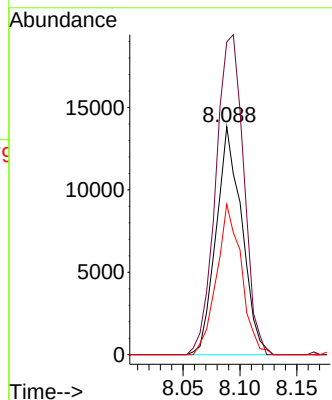
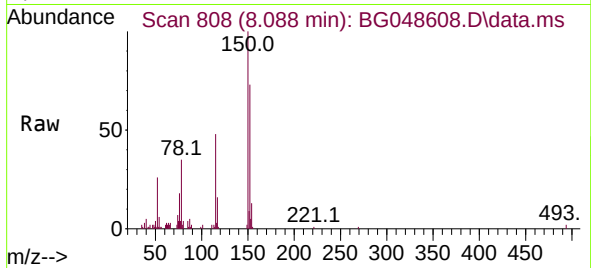




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.088 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

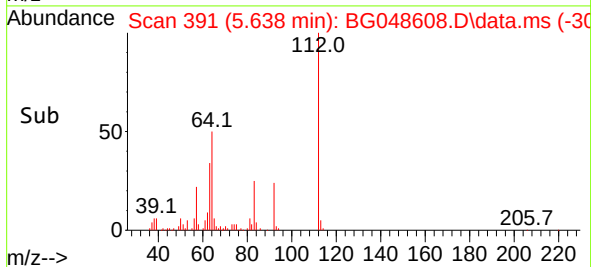
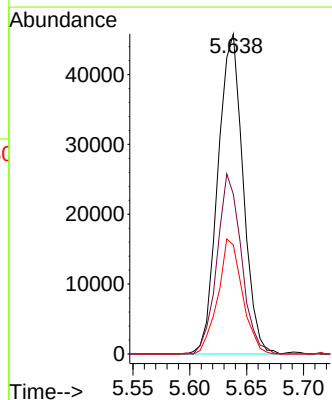
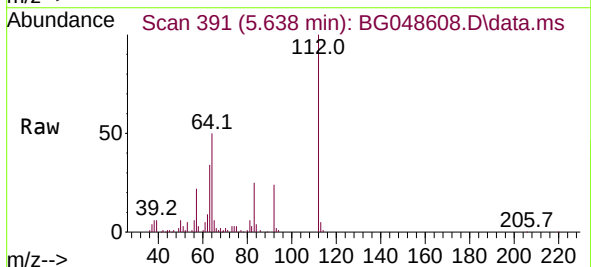
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BNA\_G  
ClientSampleId :  
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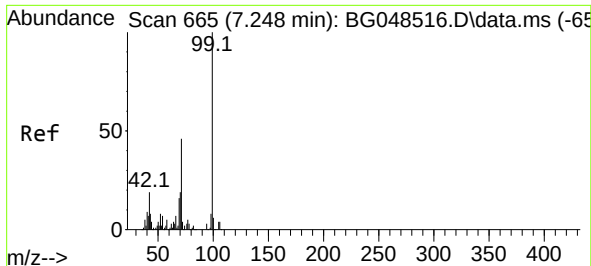
Tgt Ion:152 Resp: 21763  
Ion Ratio Lower Upper  
152 100  
150 137.2 101.3 151.9  
115 65.9 42.3 63.5#



#5  
2-Fluorophenol  
Concen: 57.19 ng  
RT: 5.638 min Scan# 391  
Delta R.T. 0.001 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Tgt Ion:112 Resp: 70503  
Ion Ratio Lower Upper  
112 100  
64 49.9 50.4 75.6#  
63 34.1 31.4 47.2

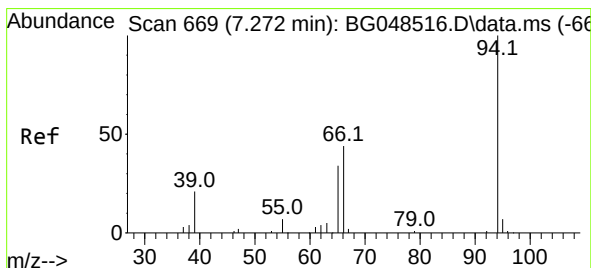
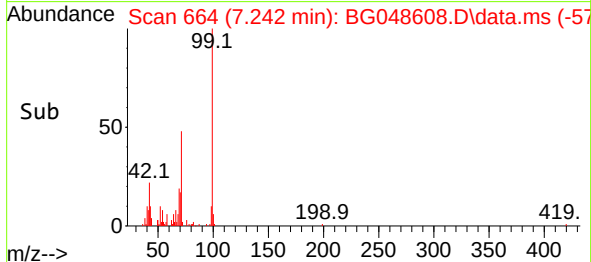
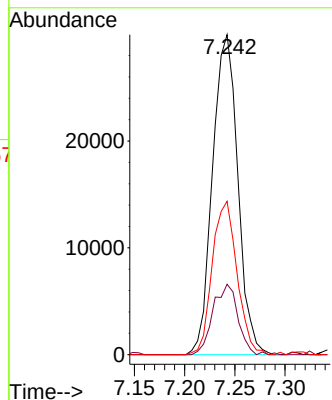
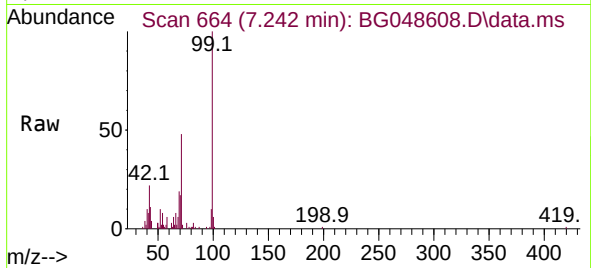




#7  
Phenol-d6  
Concen: 29.32 ng  
RT: 7.242 min Scan# 664  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

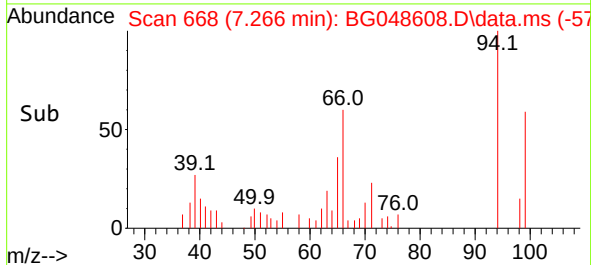
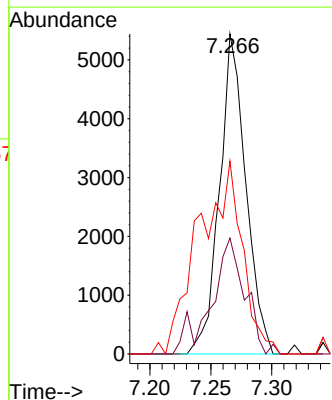
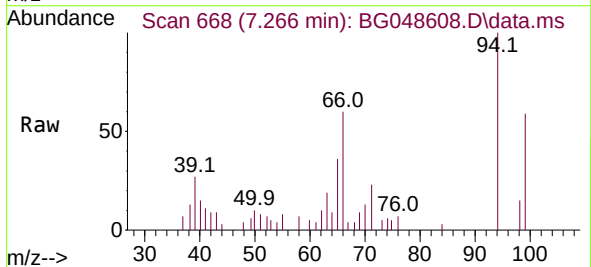
Instrument :  
BNA\_G  
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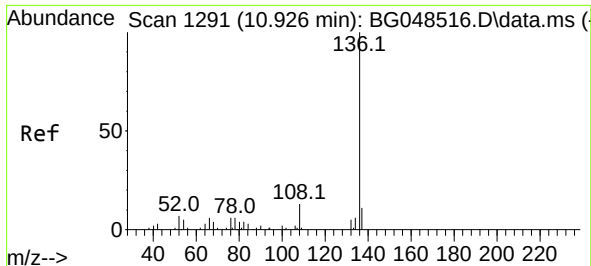
Tgt Ion: 99 Resp: 52421  
Ion Ratio Lower Upper  
99 100  
42 22.0 15.5 23.3  
71 47.9 36.6 54.8



#10  
Phenol  
Concen: 4.57 ng  
RT: 7.266 min Scan# 668  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Tgt Ion: 94 Resp: 8178  
Ion Ratio Lower Upper  
94 100  
65 36.2 15.1 55.1  
66 60.3 28.9 68.9

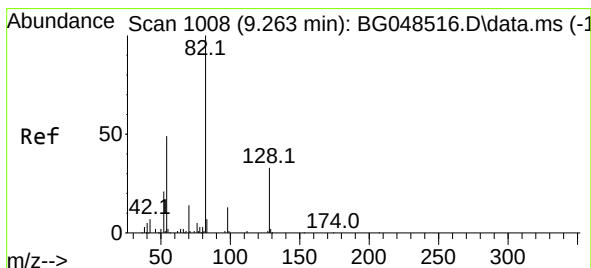
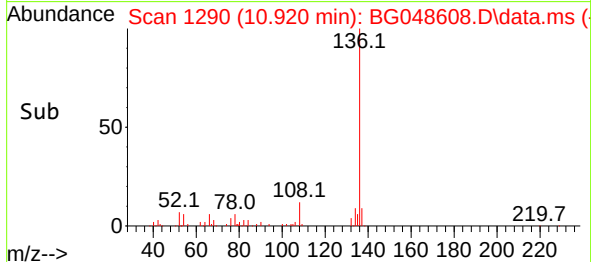
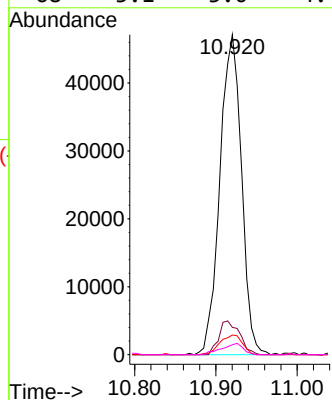
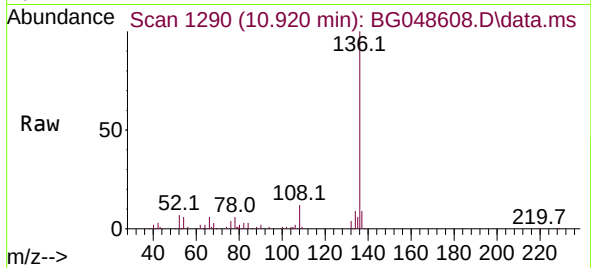




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.920 min Scan# 1290  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

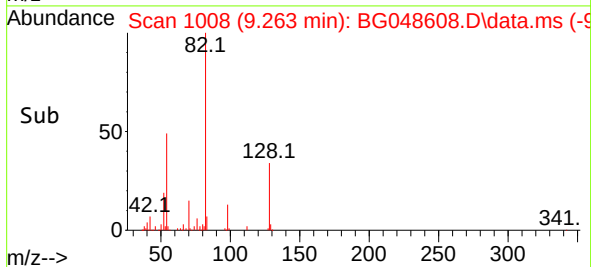
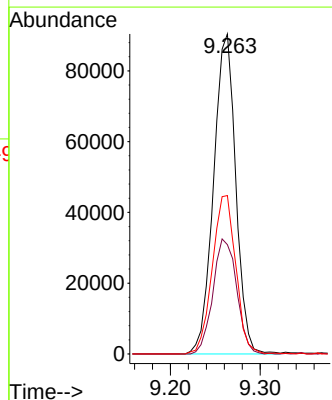
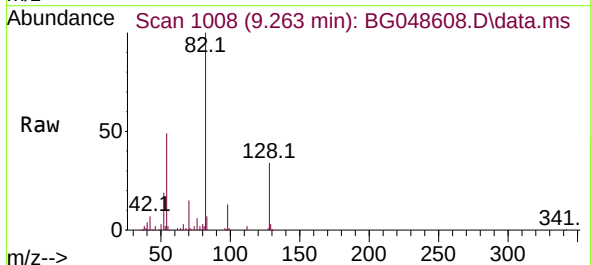
Instrument :  
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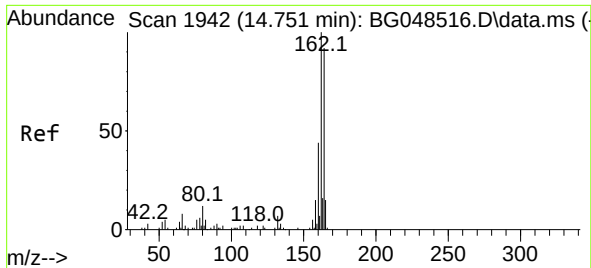
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 87110 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 8.5   | 8.6   | 12.8# |
| 54        | 6.2   | 4.2   | 6.4   |
| 68        | 3.1   | 3.0   | 4.4   |



#23  
Nitrobenzene-d5  
Concen: 86.29 ng  
RT: 9.263 min Scan# 1008  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 155255 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.2  | 26.2  | 39.4   |
| 54        | 49.5  | 38.9  | 58.3   |

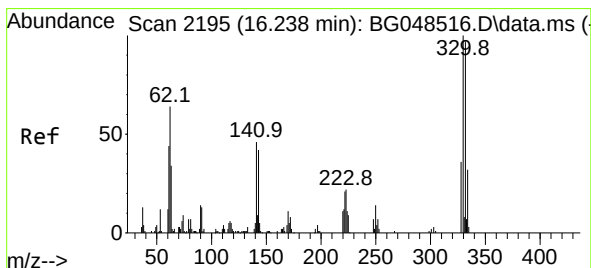
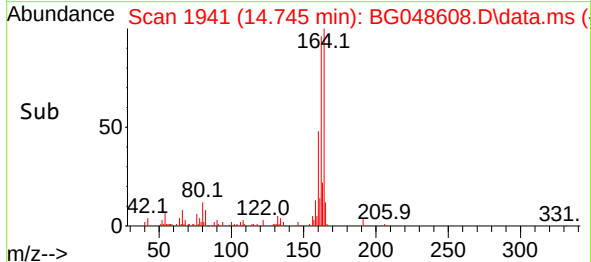
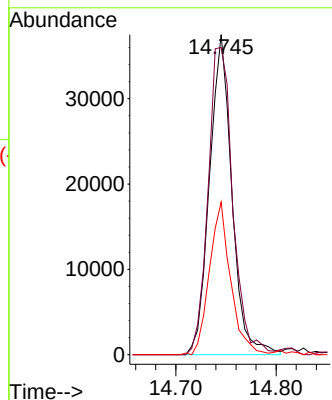
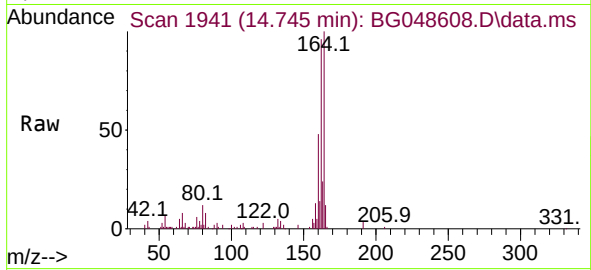




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.745 min Scan# 1941  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

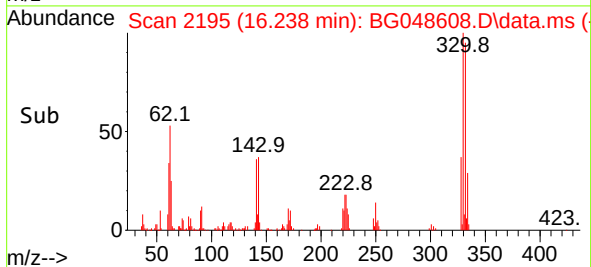
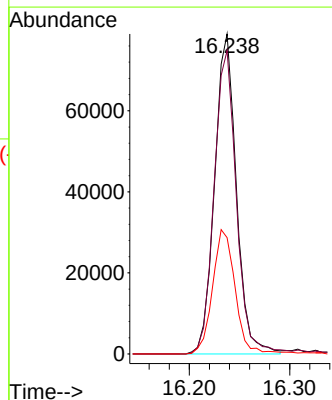
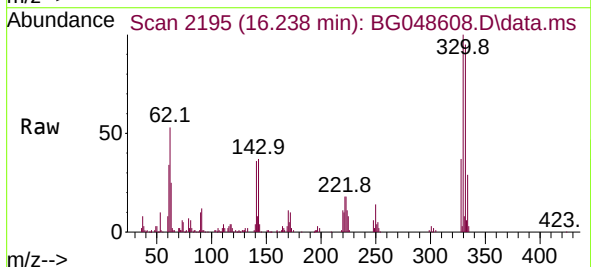
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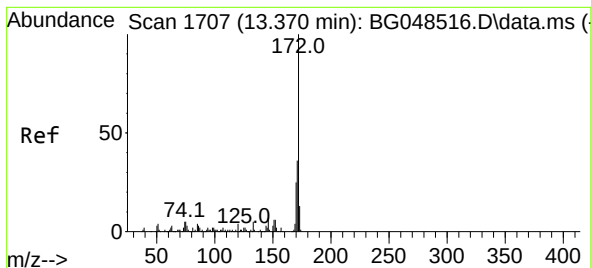
Tgt Ion:164 Resp: 57999  
Ion Ratio Lower Upper  
164 100  
162 96.0 87.0 130.6  
160 47.7 38.4 57.6



#42  
2,4,6-Tribromophenol  
Concen: 155.68 ng  
RT: 16.238 min Scan# 2195  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Tgt Ion:330 Resp: 118696  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.6 116.4  
141 40.4 34.6 52.0

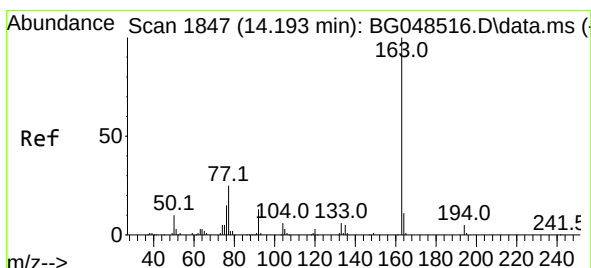
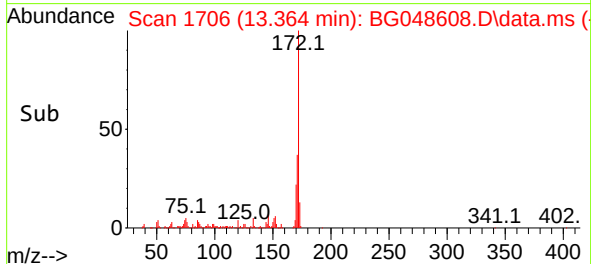
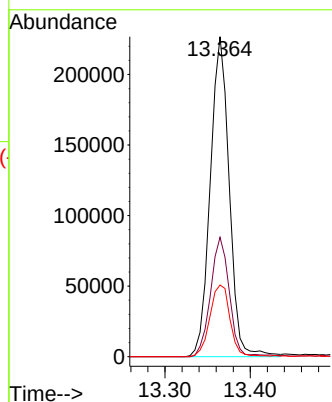
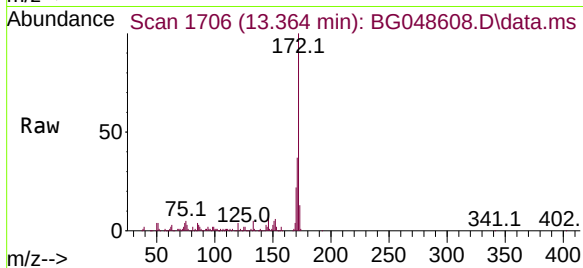




#45  
2-Fluorobiphenyl  
Concen: 89.91 ng  
RT: 13.364 min Scan# 1706  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

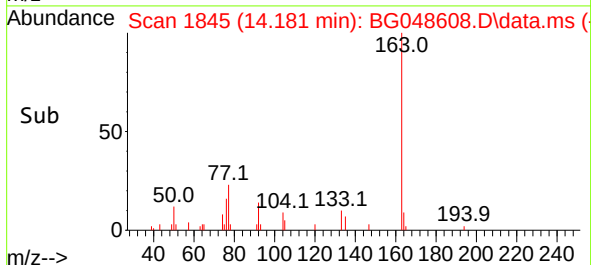
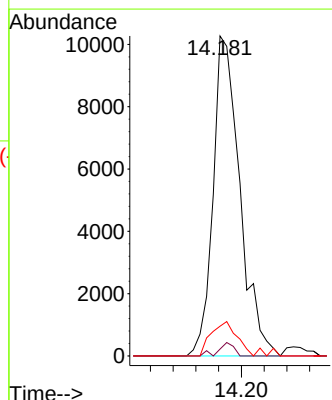
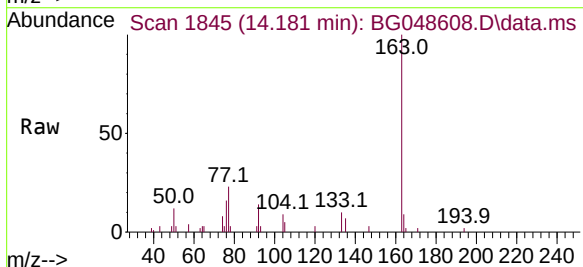
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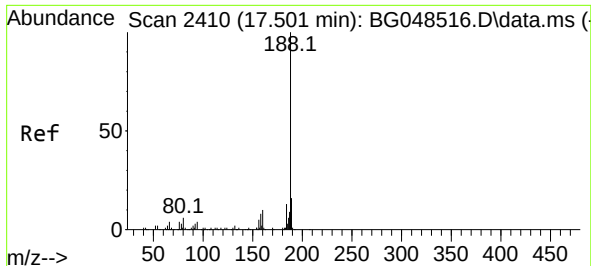
Tgt Ion:172 Resp: 350832  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.5 42.7  
170 22.4 19.8 29.6



#50  
Dimethylphthalate  
Concen: 3.90 ng  
RT: 14.181 min Scan# 1845  
Delta R.T. -0.017 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Tgt Ion:163 Resp: 16768  
Ion Ratio Lower Upper  
163 100  
194 2.2 4.1 6.1#  
164 9.3 8.6 12.8

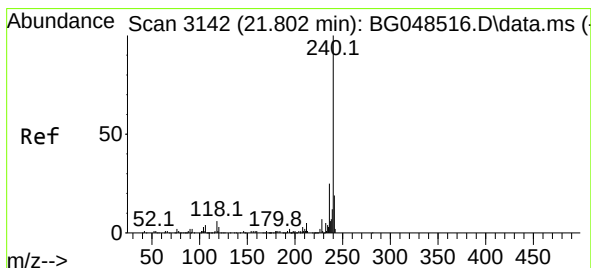
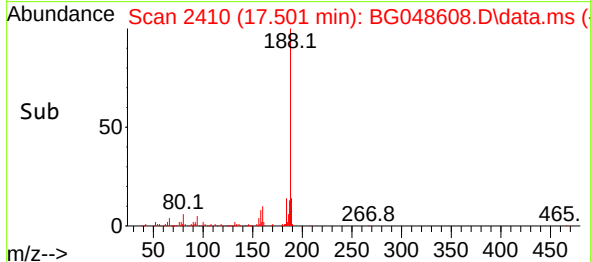
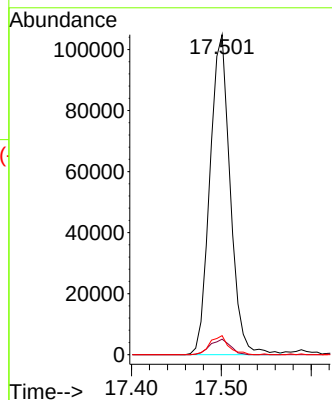
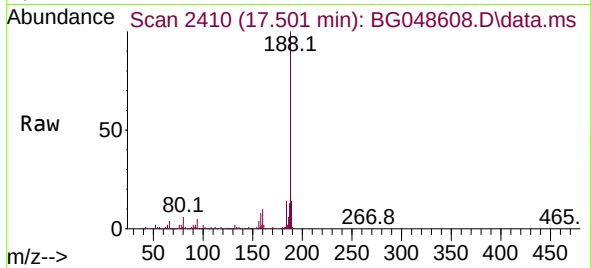




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.501 min Scan# 2410  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

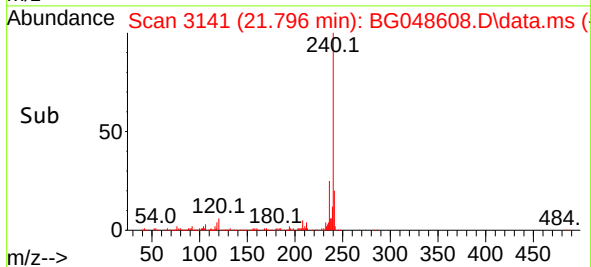
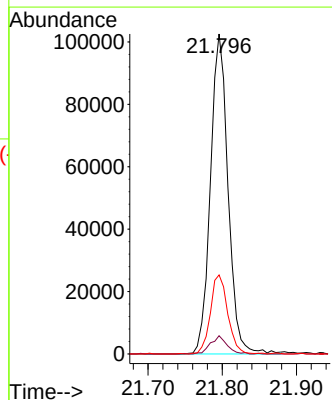
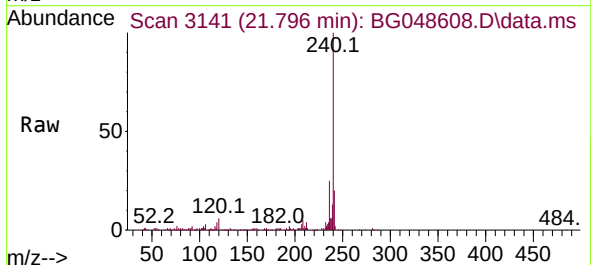
Instrument :  
BNA\_G  
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Tgt Ion:188 Resp: 164734  
Ion Ratio Lower Upper  
188 100  
94 4.8 3.0 4.6#  
80 6.0 4.5 6.7

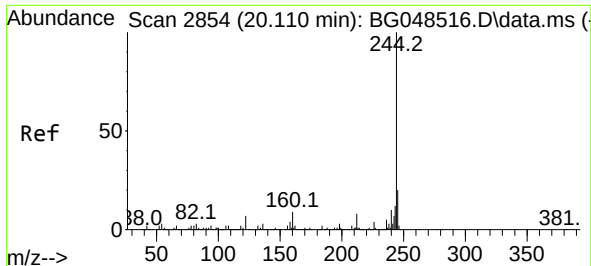


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.796 min Scan# 3141  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Tgt Ion:240 Resp: 169470  
Ion Ratio Lower Upper  
240 100  
120 5.7 2.6 3.8#  
236 24.7 19.8 29.6



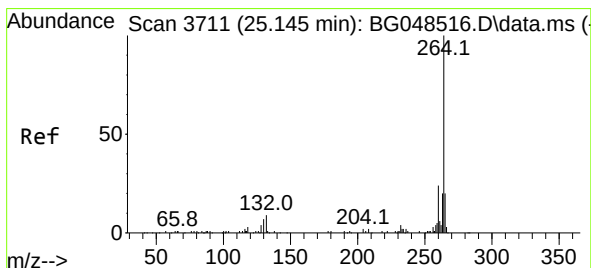
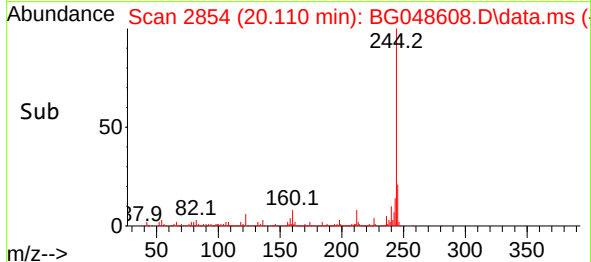
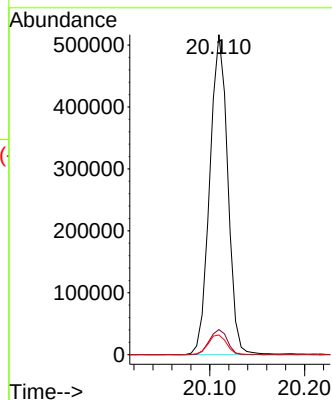
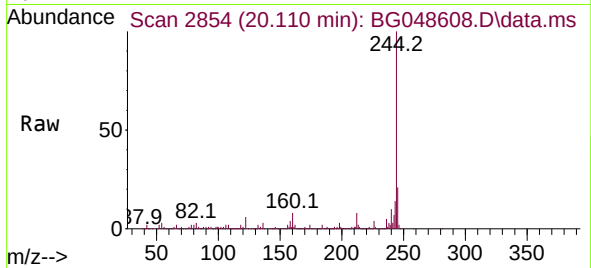




#79  
Terphenyl-d14  
Concen: 73.32 ng  
RT: 20.110 min Scan# 2854  
Delta R.T. -0.005 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Instrument :  
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Tgt Ion:244 Resp: 679431  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.0 9.0  
122 6.2 5.8 8.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.139 min Scan# 3710  
Delta R.T. -0.011 min  
Lab File: BG048608.D  
Acq: 6 Apr 2021 17:46

Tgt Ion:264 Resp: 105142  
Ion Ratio Lower Upper  
264 100  
260 25.6 19.1 28.7  
265 18.0 16.1 24.1

