

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030421\  
 Data File : BG048328.D  
 Acq On : 4 Mar 2021 14:42  
 Operator : CG/JU  
 Sample : M1545-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-725

Quant Time: Mar 04 15:22:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG021021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 03 16:40:27 2021  
 Response via : Initial Calibration

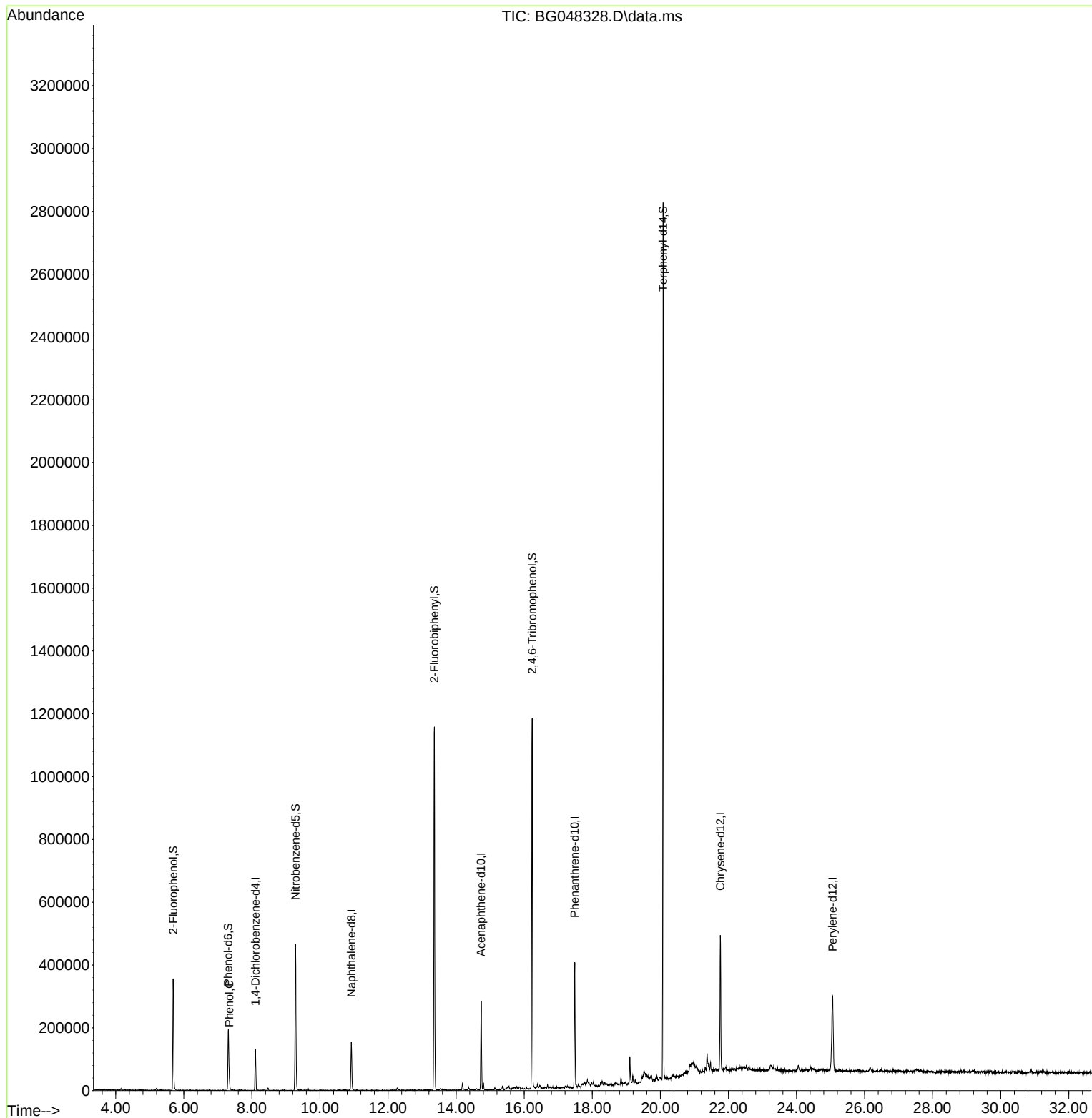
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.108  | 152  | 33919    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.922 | 136  | 131411   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.735 | 164  | 97303    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.485 | 188  | 244196   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.762 | 240  | 269313   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.059 | 264  | 269726   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.687  | 112  | 136857   | 68.68  | ng    | 0.00     |
| 7) Phenol-d6                | 7.303  | 99   | 109488   | 36.17  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.283  | 82   | 301851   | 97.16  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.234 | 330  | 219534   | 141.06 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.361 | 172  | 645814   | 93.05  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.082 | 244  | 1163162  | 78.92  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 10) Phenol                  | 7.332  | 94   | 11861    | 3.87   | ng    | # 63     |
| -----                       |        |      |          |        |       |          |

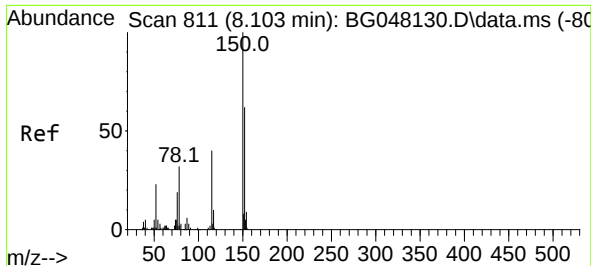
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 15:22:09 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG021021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 03 16:40:27 2021  
Response via : Initial Calibration

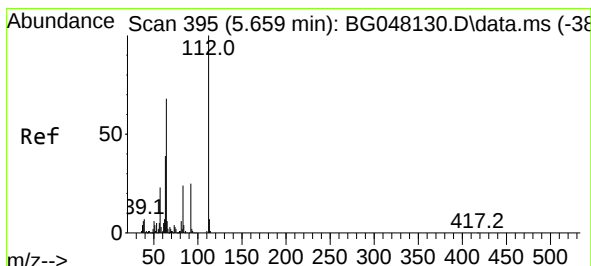
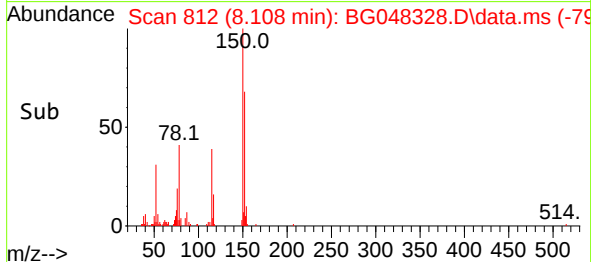
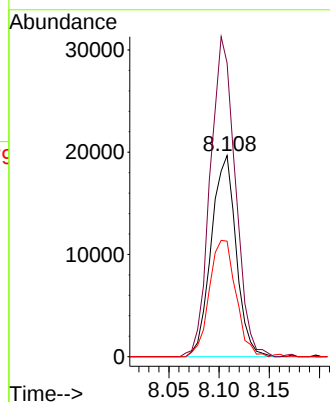
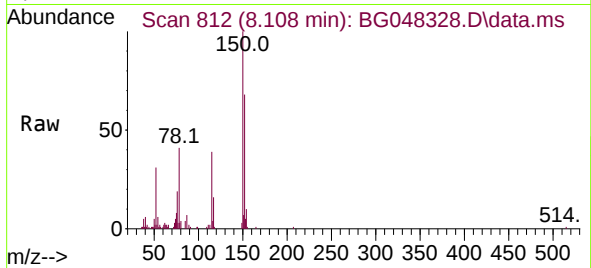




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.108 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

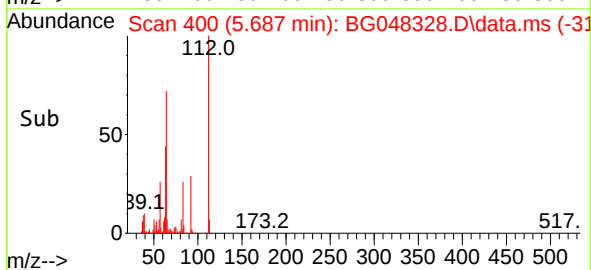
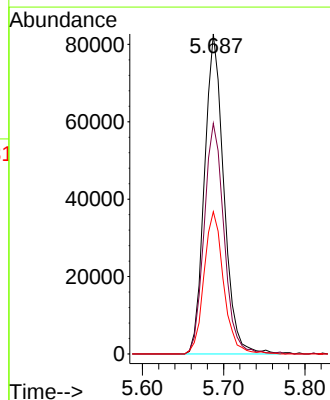
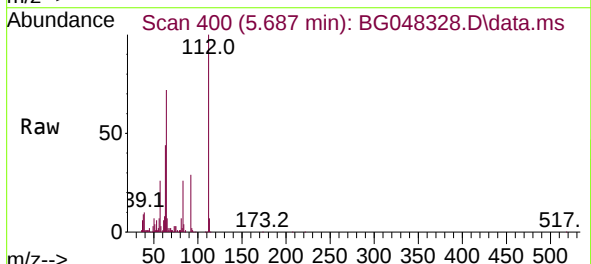
Instrument :  
BNA\_G  
ClientSampleId :  
MH-725

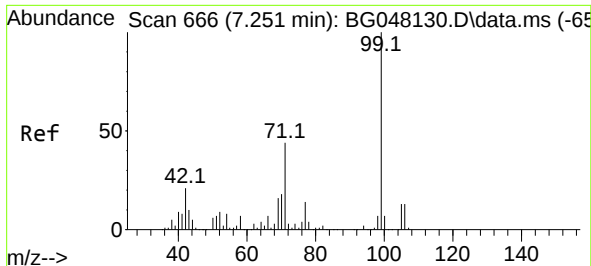
Tgt Ion:152 Resp: 33919  
Ion Ratio Lower Upper  
152 100  
150 146.1 125.0 187.6  
115 57.4 41.8 62.6



#5  
2-Fluorophenol  
Concen: 68.68 ng  
RT: 5.687 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

Tgt Ion:112 Resp: 136857  
Ion Ratio Lower Upper  
112 100  
64 72.0 46.7 70.1#  
63 44.4 22.8 34.2#

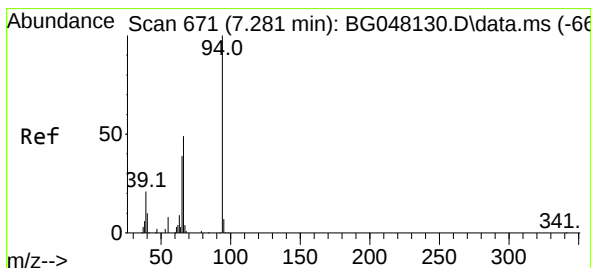
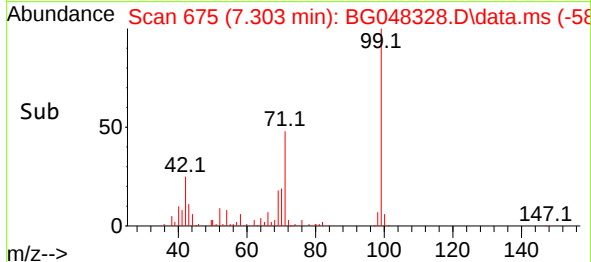
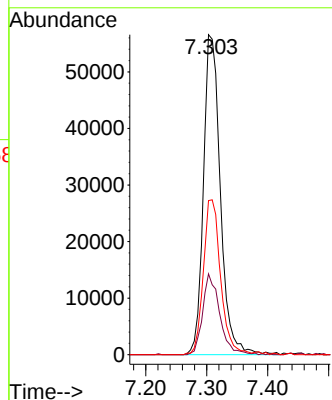
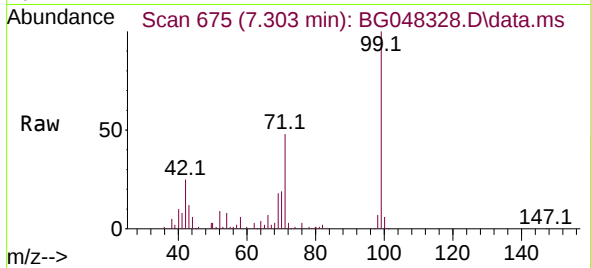




#7  
Phenol-d6  
Concen: 36.17 ng  
RT: 7.303 min Scan# 675  
Delta R.T. -0.012 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

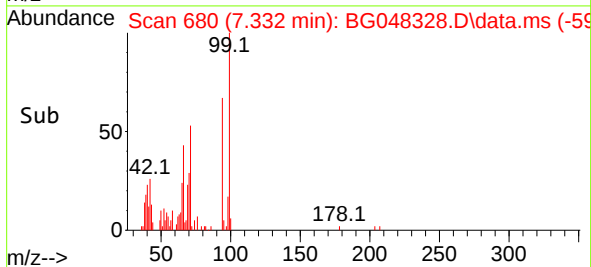
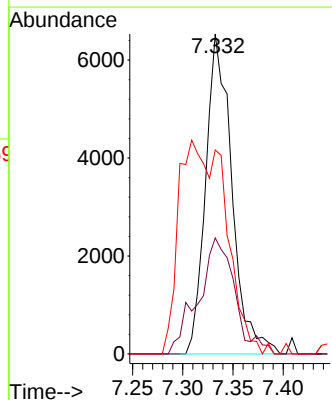
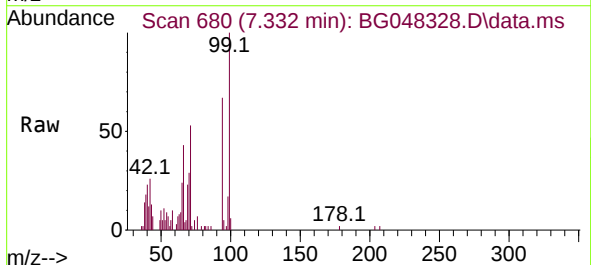
Instrument :  
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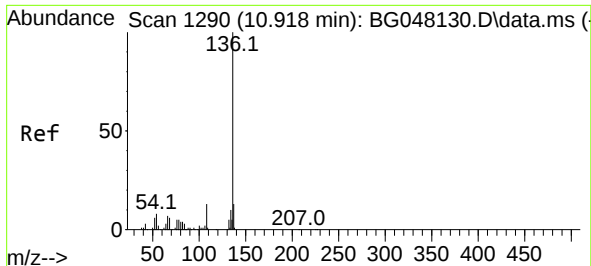
Tgt Ion: 99 Resp: 109488  
Ion Ratio Lower Upper  
99 100  
42 25.2 12.8 19.2#  
71 48.1 24.6 36.8#



#10  
Phenol  
Concen: 3.87 ng  
RT: 7.332 min Scan# 680  
Delta R.T. -0.006 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

Tgt Ion: 94 Resp: 11861  
Ion Ratio Lower Upper  
94 100  
65 36.2 6.6 46.6  
66 63.8 13.9 53.9#

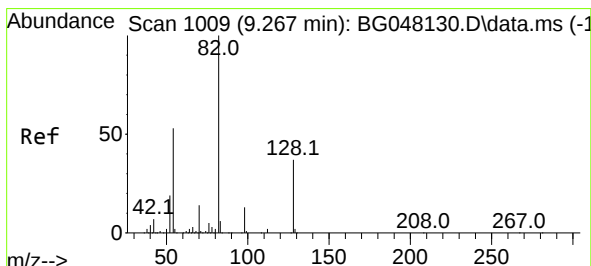
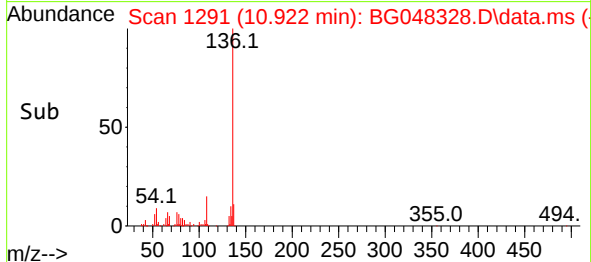
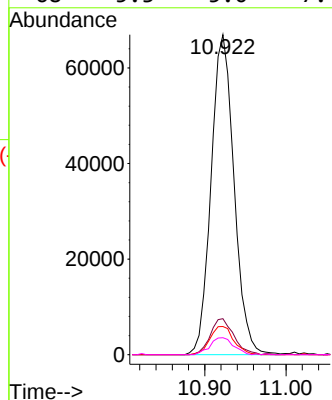
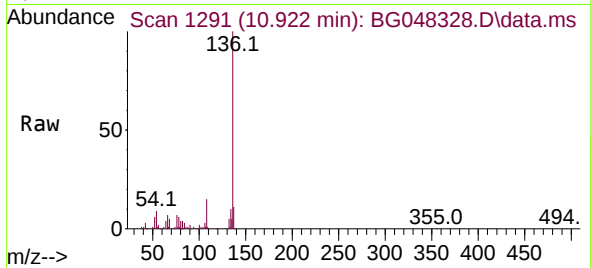




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.922 min Scan# 1291  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

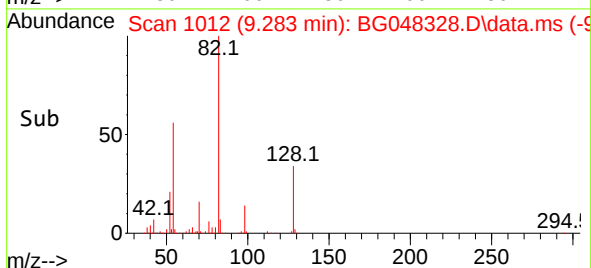
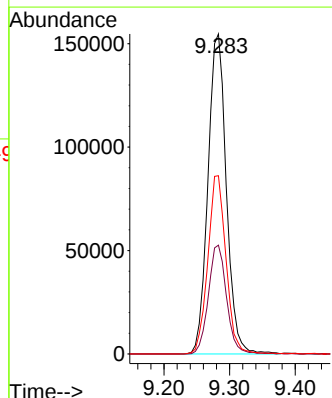
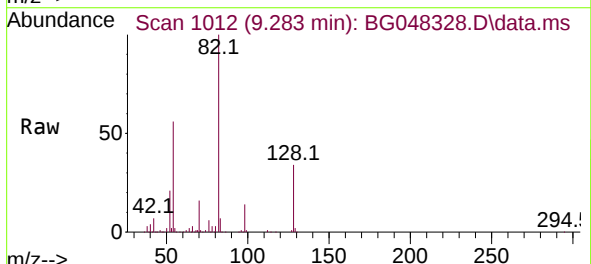
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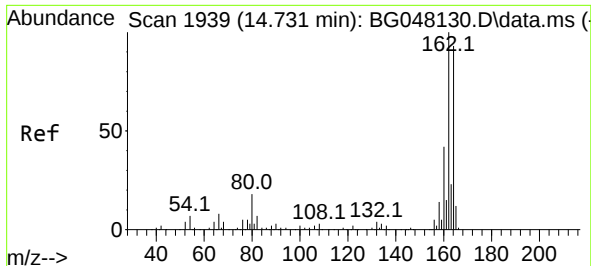
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 131411 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.3  | 9.1   | 13.7   |
| 54        | 8.8   | 6.2   | 9.4    |
| 68        | 5.3   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 97.16 ng  
RT: 9.283 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 301851 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.0  | 37.0  | 55.6#  |
| 54        | 55.7  | 39.0  | 58.4   |

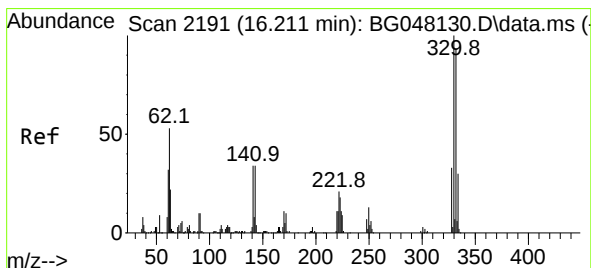
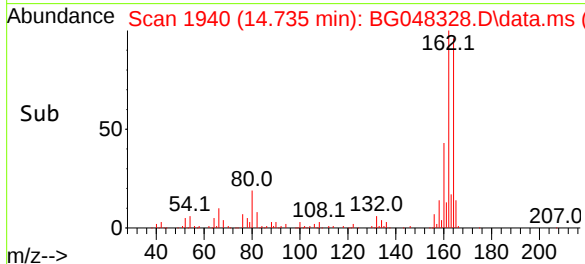
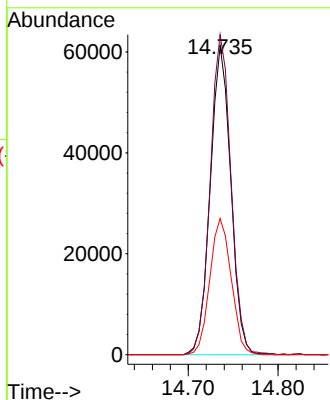
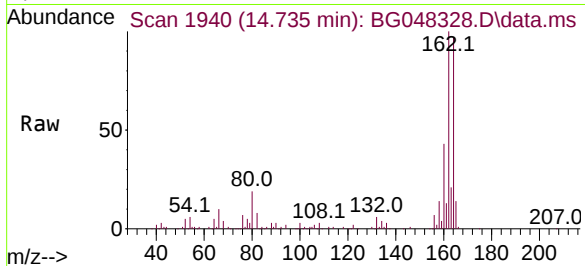




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.735 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

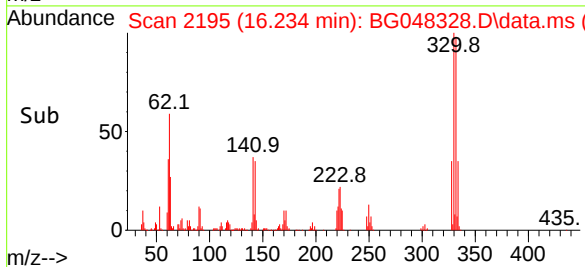
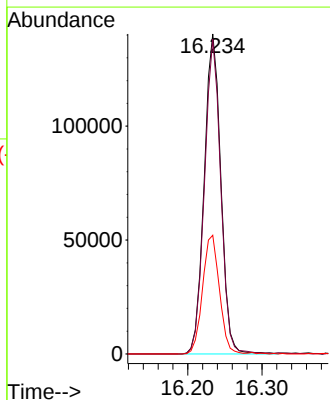
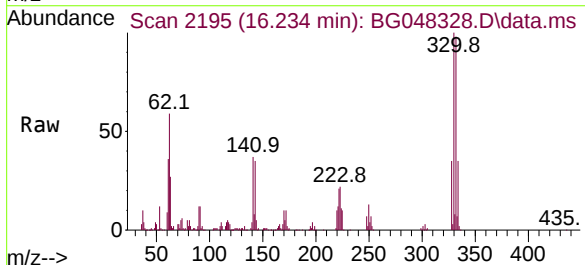
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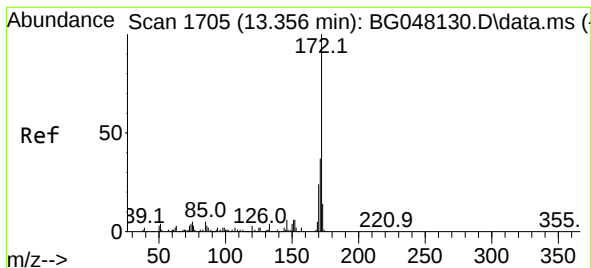
Tgt Ion:164 Resp: 97303  
Ion Ratio Lower Upper  
164 100  
162 103.5 82.3 123.5  
160 44.1 35.3 52.9



#42  
2,4,6-Tribromophenol  
Concen: 141.06 ng  
RT: 16.234 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

Tgt Ion:330 Resp: 219534  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.5 114.7  
141 37.4 26.0 39.0

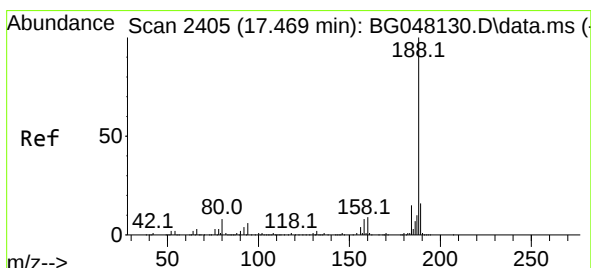
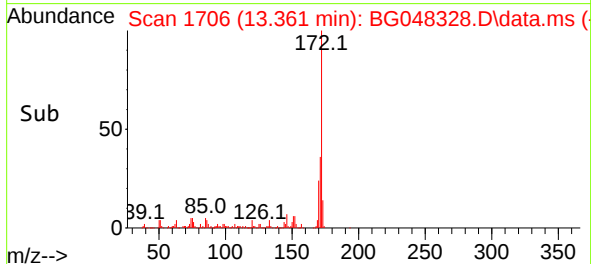
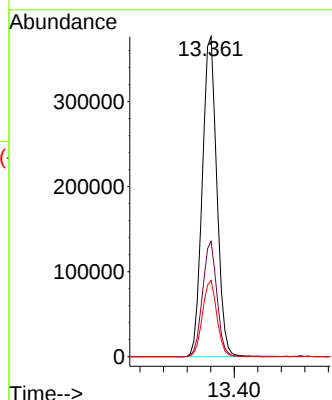
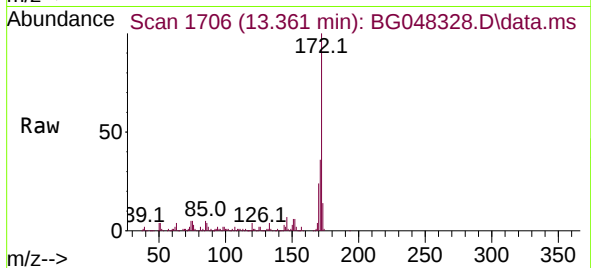




#45  
2-Fluorobiphenyl  
Concen: 93.05 ng  
RT: 13.361 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

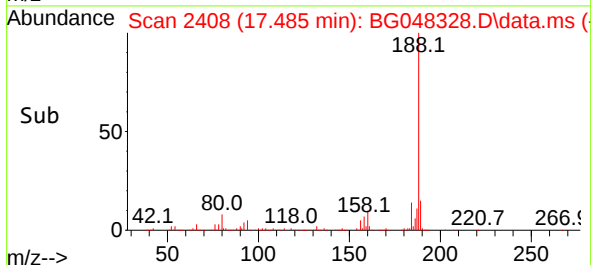
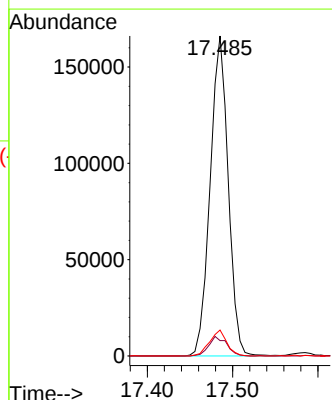
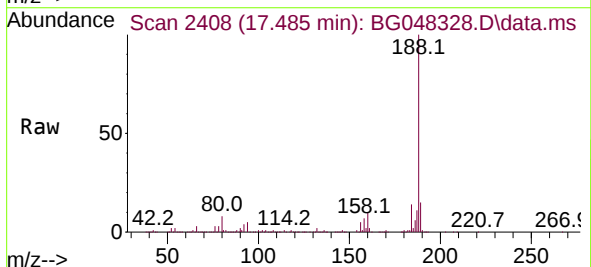
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BNA\_G  
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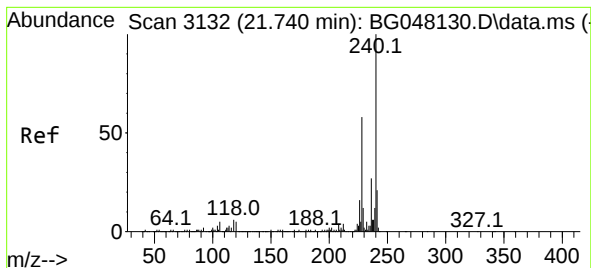
Tgt Ion:172 Resp: 645814  
Ion Ratio Lower Upper  
172 100  
171 36.0 31.3 46.9  
170 23.8 20.8 31.2



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.485 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

Tgt Ion:188 Resp: 244196  
Ion Ratio Lower Upper  
188 100  
94 4.8 6.3 9.5#  
80 8.1 7.0 10.6

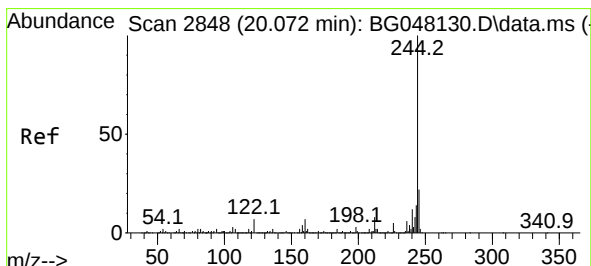
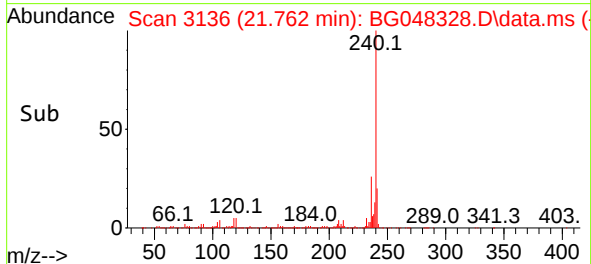
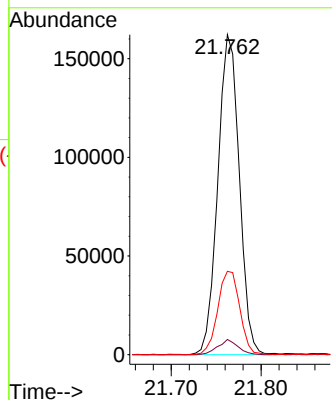
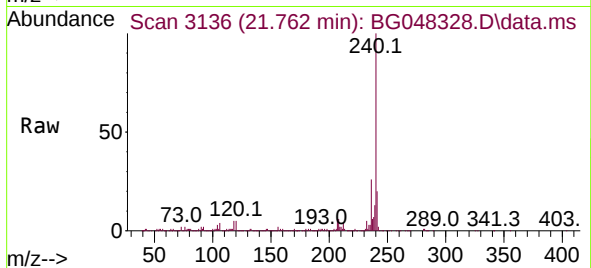




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.762 min Scan# 3136  
Delta R.T. -0.006 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

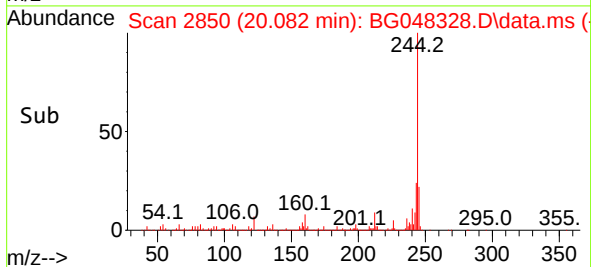
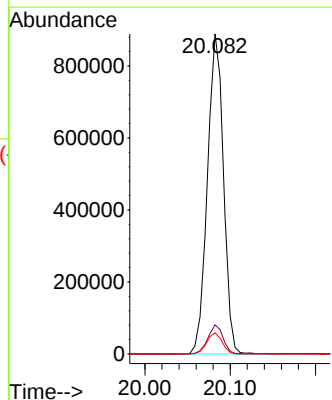
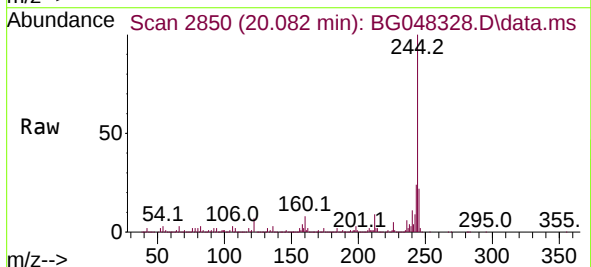
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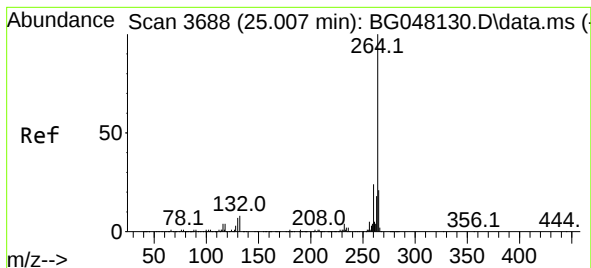
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Ion Ratio Lower Upper  
240 100  
120 4.7 6.2 9.4#  
236 26.1 20.5 30.7



#79  
Terphenyl-d14  
Concen: 78.92 ng  
RT: 20.082 min Scan# 2850  
Delta R.T. -0.000 min  
Lab File: BG048328.D  
Acq: 4 Mar 2021 14:42

Tgt Ion:244 Resp: 1163162  
Ion Ratio Lower Upper  
244 100  
212 9.1 6.7 10.1  
122 6.6 7.8 11.6#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.059 min Scan# 3697  
 Delta R.T. -0.006 min  
 Lab File: BG048328.D  
 Acq: 4 Mar 2021 14:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:264 Resp: 269726  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.8 28.2  
 265 19.5 17.8 26.8

