

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082222\  
 Data File : BG054691.D  
 Acq On : 22 Aug 2022 21:37  
 Operator : CG/JU  
 Sample : PB147074TB  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147074TB

Quant Time: Aug 23 05:20:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 23 03:09:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.159  | 152  | 52376    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.985 | 136  | 211878   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.787 | 164  | 132437   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.530 | 188  | 294386   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.820 | 240  | 282159   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.192 | 264  | 282114   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.697  | 112  | 436037   | 156.880 | ng    | 0.00     |
| 7) Phenol-d6                | 7.301  | 99   | 573544   | 147.269 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.328  | 82   | 344286   | 92.603  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.273 | 330  | 171670   | 161.860 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.412 | 172  | 791679   | 88.155  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.133 | 244  | 1305305  | 91.897  | ng    | 0.00     |

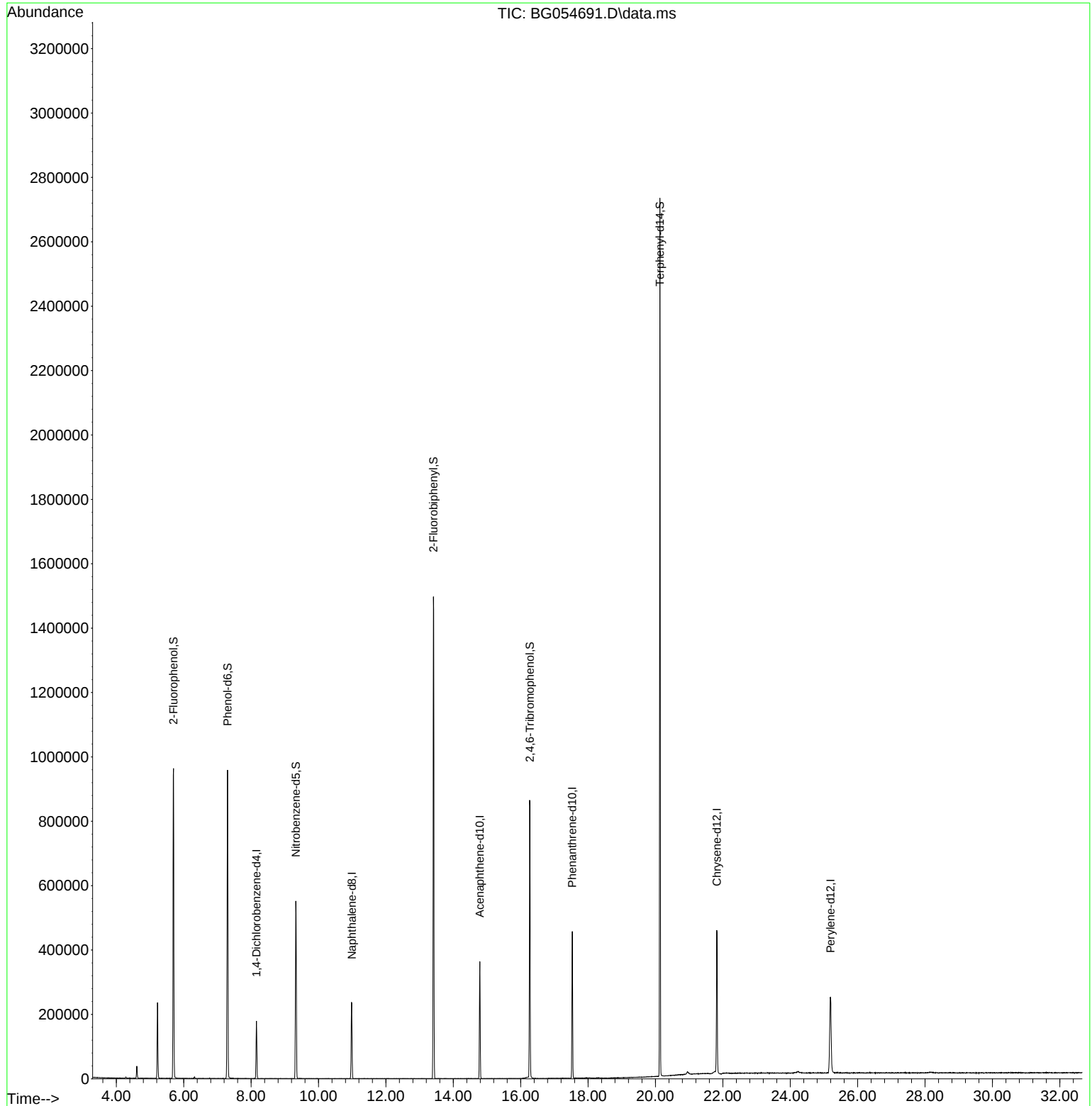
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

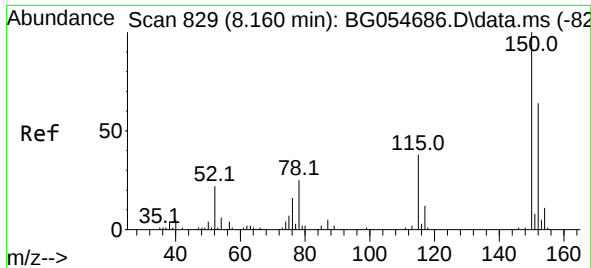
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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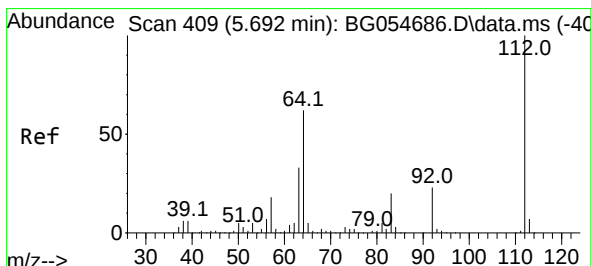
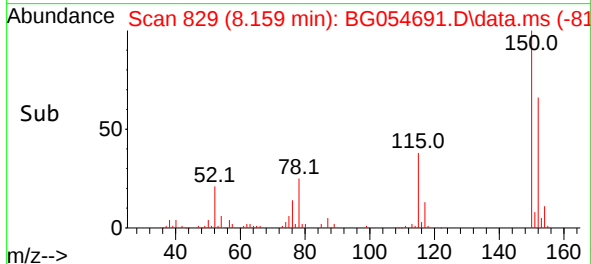
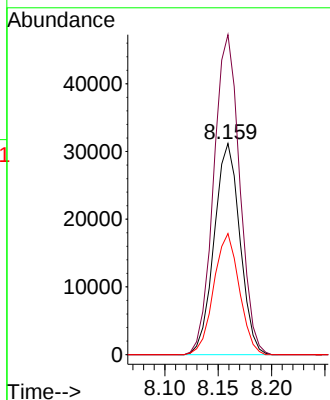
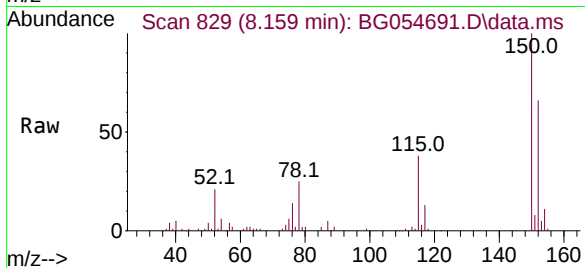




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.159 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

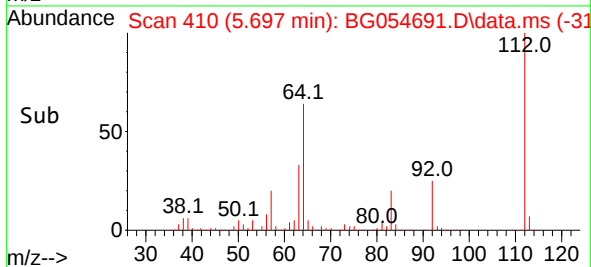
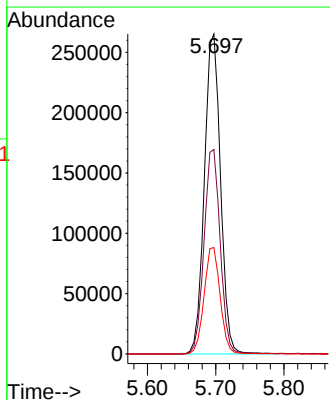
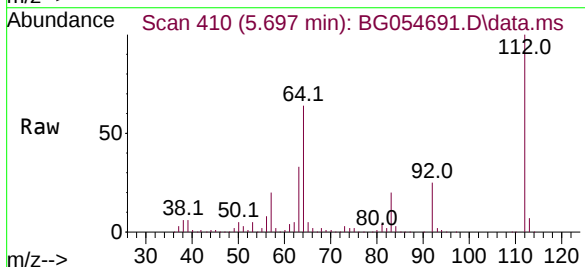
Instrument :  
BNA\_G  
ClientSampleId :  
PB147074TB

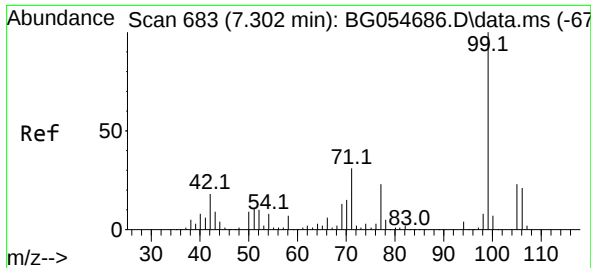
Tgt Ion:152 Resp: 52376  
Ion Ratio Lower Upper  
152 100  
150 151.6 125.2 187.8  
115 57.3 47.9 71.9



#5  
2-Fluorophenol  
Concen: 156.880 ng  
RT: 5.697 min Scan# 410  
Delta R.T. 0.005 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

Tgt Ion:112 Resp: 436037  
Ion Ratio Lower Upper  
112 100  
64 63.9 49.3 73.9  
63 33.2 26.3 39.5

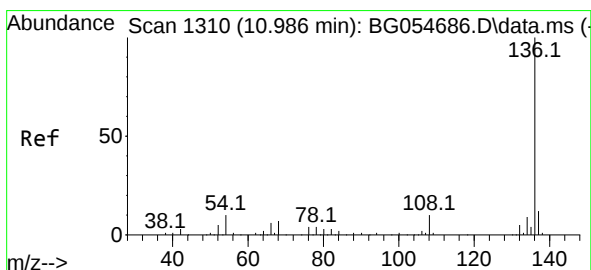
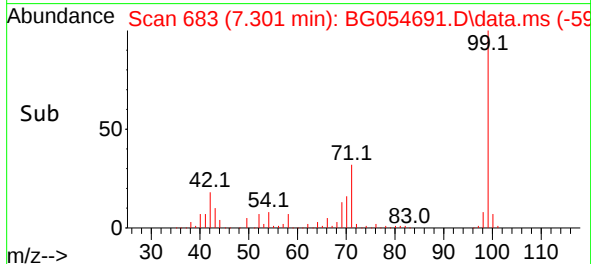
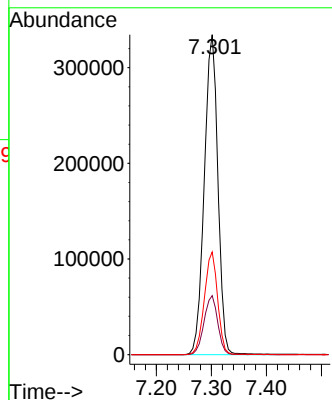
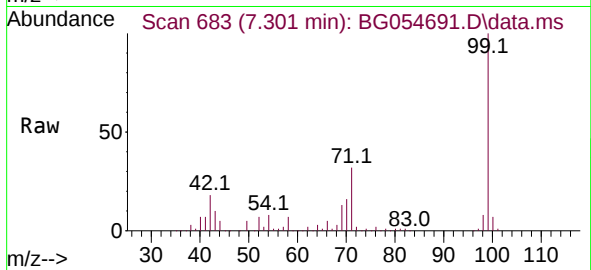




#7  
Phenol-d6  
Concen: 147.269 ng  
RT: 7.301 min Scan# 683  
Delta R.T. -0.000 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

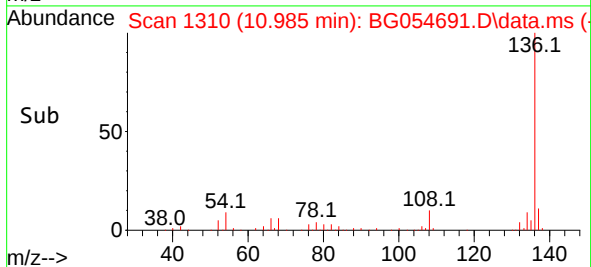
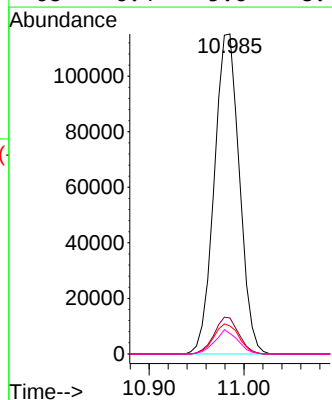
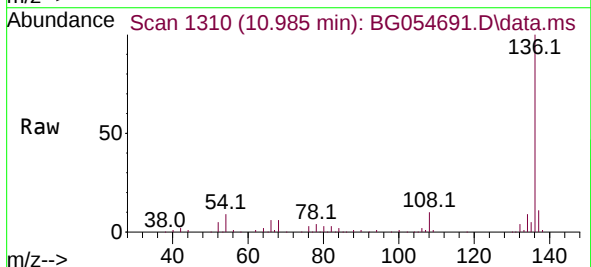
Instrument :  
BNA\_G  
ClientSampleId :  
PB147074TB

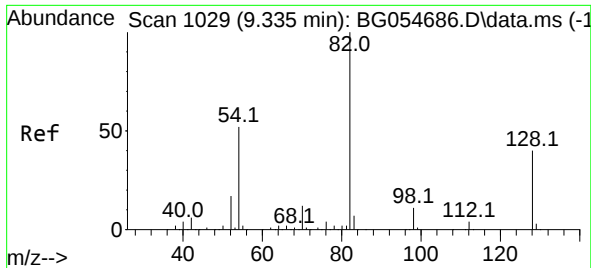
Tgt Ion: 99 Resp: 573544  
Ion Ratio Lower Upper  
99 100  
42 18.4 14.6 22.0  
71 32.1 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.985 min Scan# 1310  
Delta R.T. -0.001 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

Tgt Ion:136 Resp: 211878  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.2 13.8  
54 8.7 7.7 11.5  
68 6.4 5.6 8.4

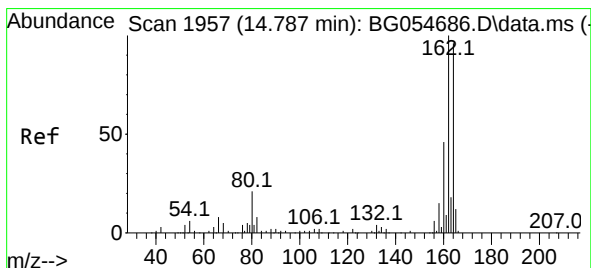
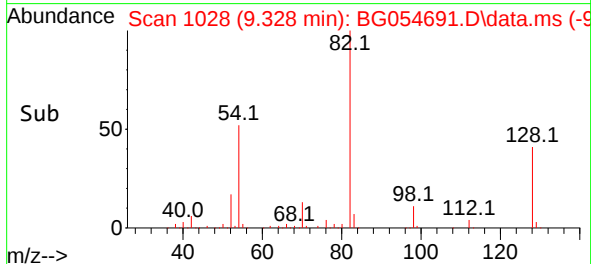
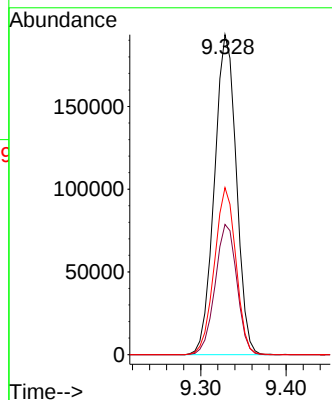
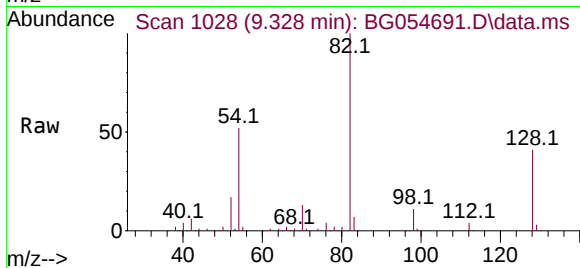




#23  
Nitrobenzene-d5  
Concen: 92.603 ng  
RT: 9.328 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

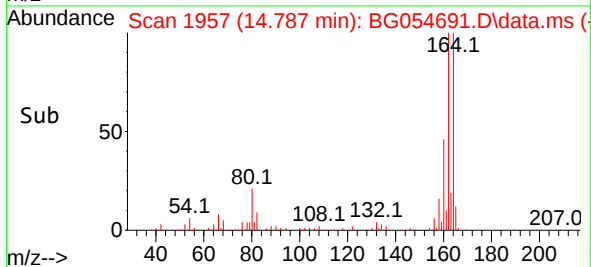
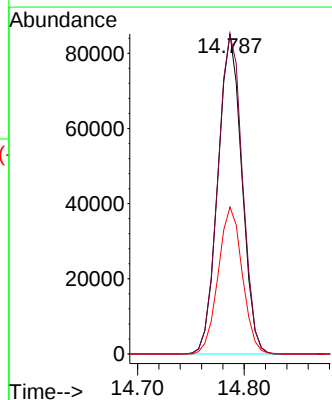
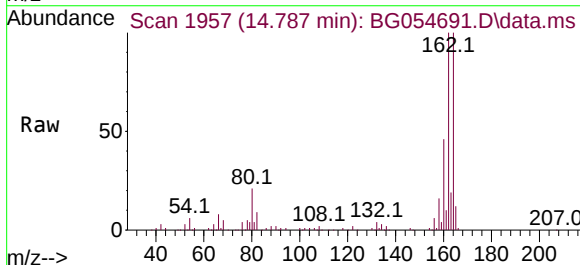
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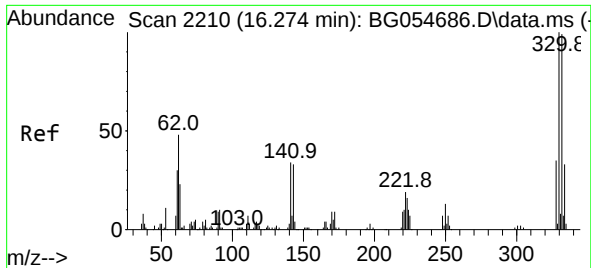
Tgt Ion: 82 Resp: 344286  
Ion Ratio Lower Upper  
82 100  
128 40.7 32.2 48.2  
54 52.2 41.4 62.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.787 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

Tgt Ion: 164 Resp: 132437  
Ion Ratio Lower Upper  
164 100  
162 99.8 83.0 124.4  
160 45.9 38.0 57.0

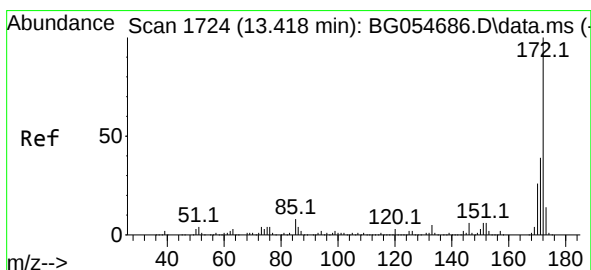
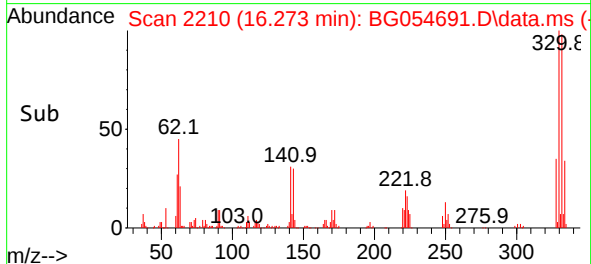
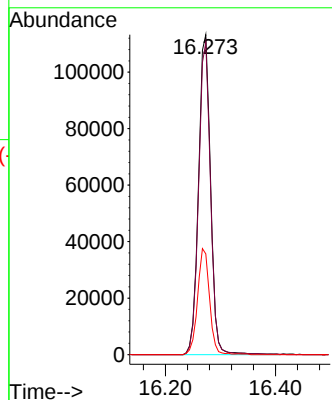
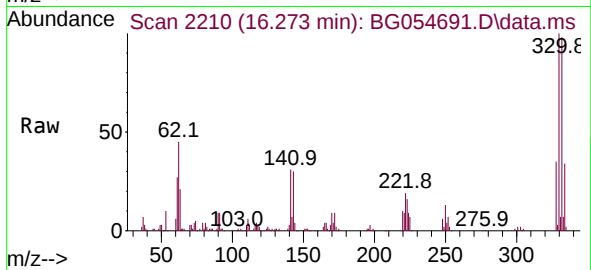




#42  
2,4,6-Tribromophenol  
Concen: 161.860 ng  
RT: 16.273 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

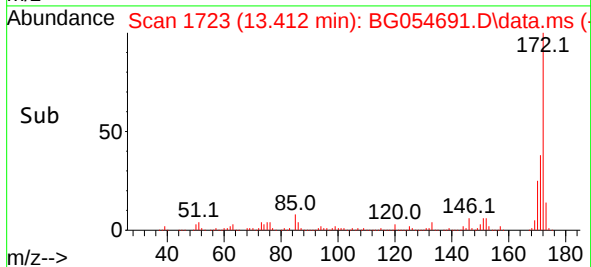
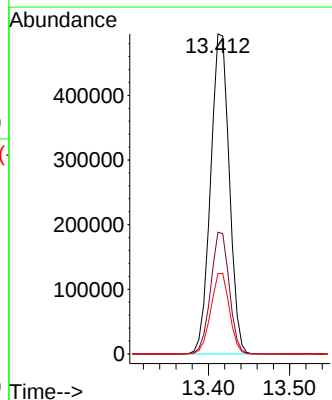
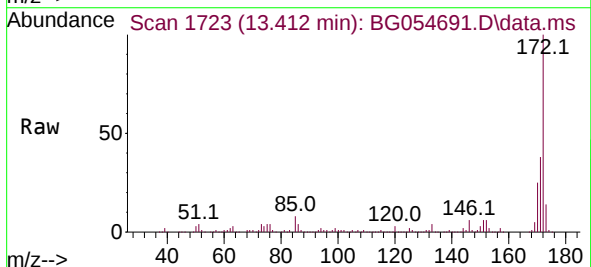
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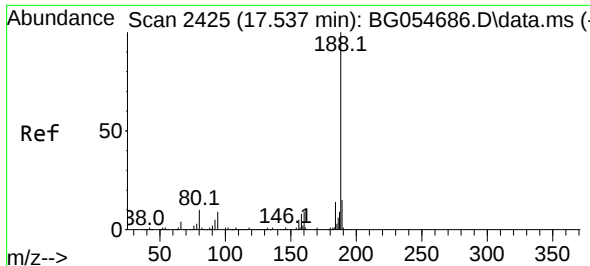
Tgt Ion:330 Resp: 171670  
Ion Ratio Lower Upper  
330 100  
332 96.1 79.8 119.6  
141 32.8 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 88.155 ng  
RT: 13.412 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

Tgt Ion:172 Resp: 791679  
Ion Ratio Lower Upper  
172 100  
171 38.0 31.2 46.8  
170 25.1 20.6 30.8

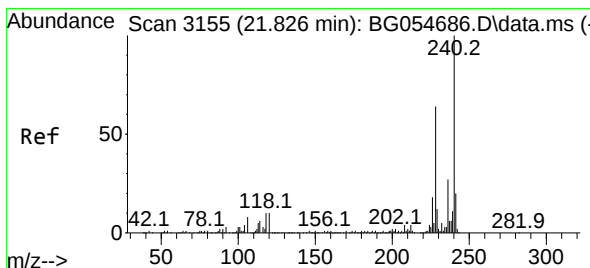
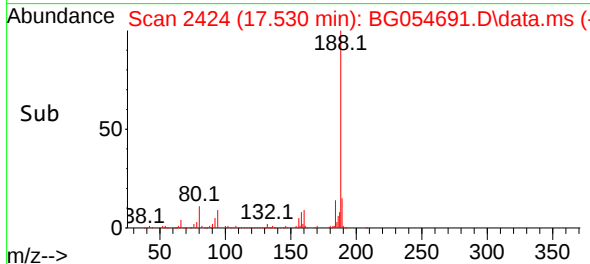
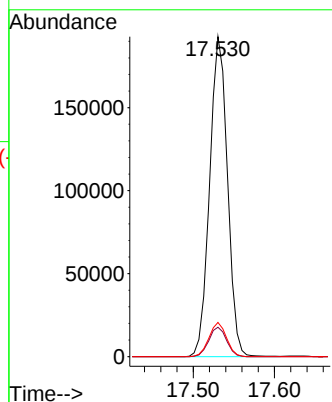
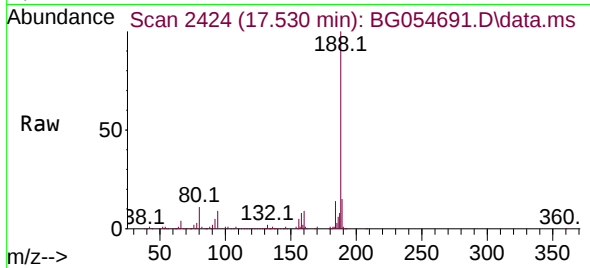




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.530 min Scan# 24  
Delta R.T. -0.007 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

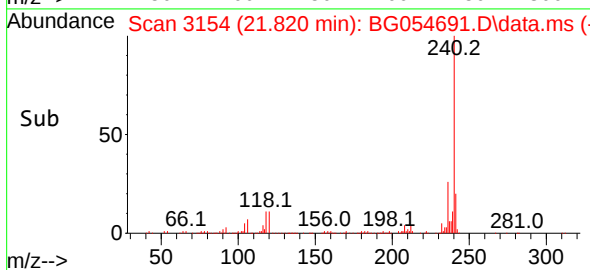
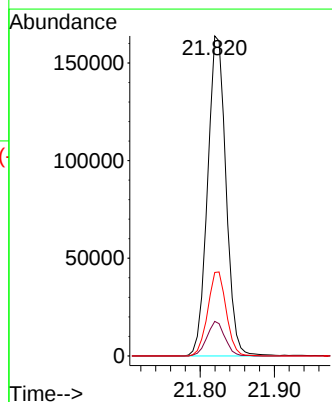
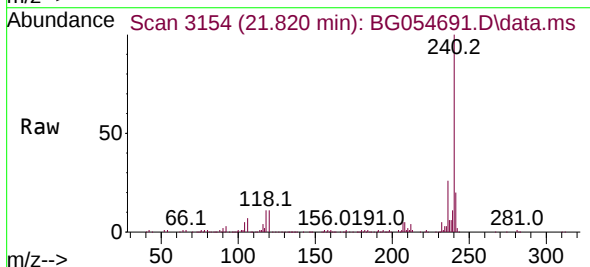
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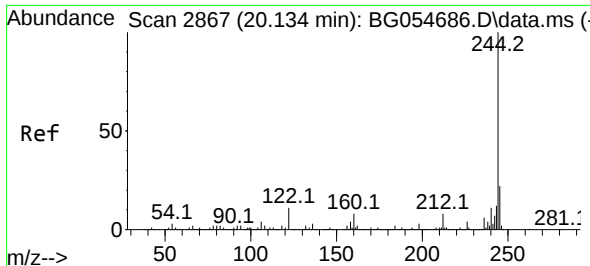
Tgt Ion:188 Resp: 294386  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.0 10.4  
80 10.7 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.820 min Scan# 3154  
Delta R.T. -0.006 min  
Lab File: BG054691.D  
Acq: 22 Aug 2022 21:37

Tgt Ion:240 Resp: 282159  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.2 12.4  
236 26.1 21.2 31.8

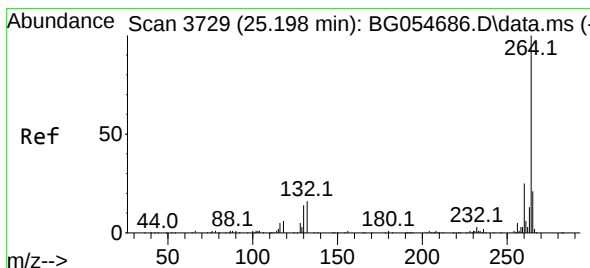
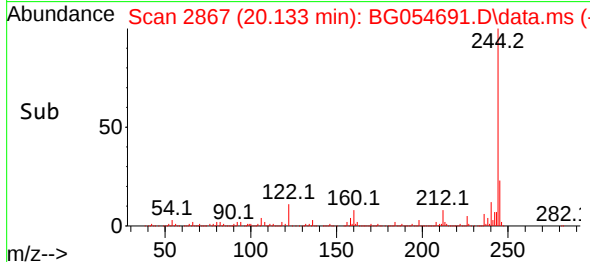
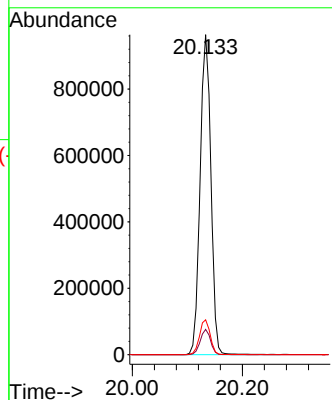
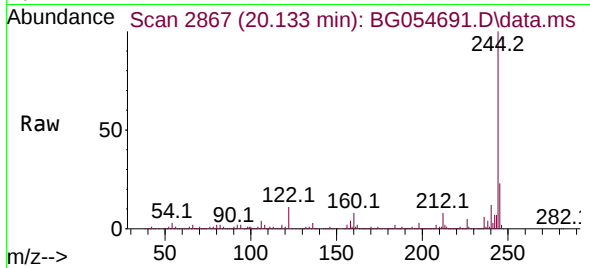




#79  
 Terphenyl-d14  
 Concen: 91.897 ng  
 RT: 20.133 min Scan# 2867  
 Delta R.T. -0.000 min  
 Lab File: BG054691.D  
 Acq: 22 Aug 2022 21:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147074TB

Tgt Ion:244 Resp: 1305305  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.2  
 122 10.9 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.192 min Scan# 3728  
 Delta R.T. -0.006 min  
 Lab File: BG054691.D  
 Acq: 22 Aug 2022 21:37

Tgt Ion:264 Resp: 282114  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.9 29.9  
 265 21.6 16.9 25.3

