

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070722\  
 Data File : BG054230.D  
 Acq On : 7 Jul 2022 18:17  
 Operator : CG/JU  
 Sample : N3596-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20220482-FIELD-BLANK

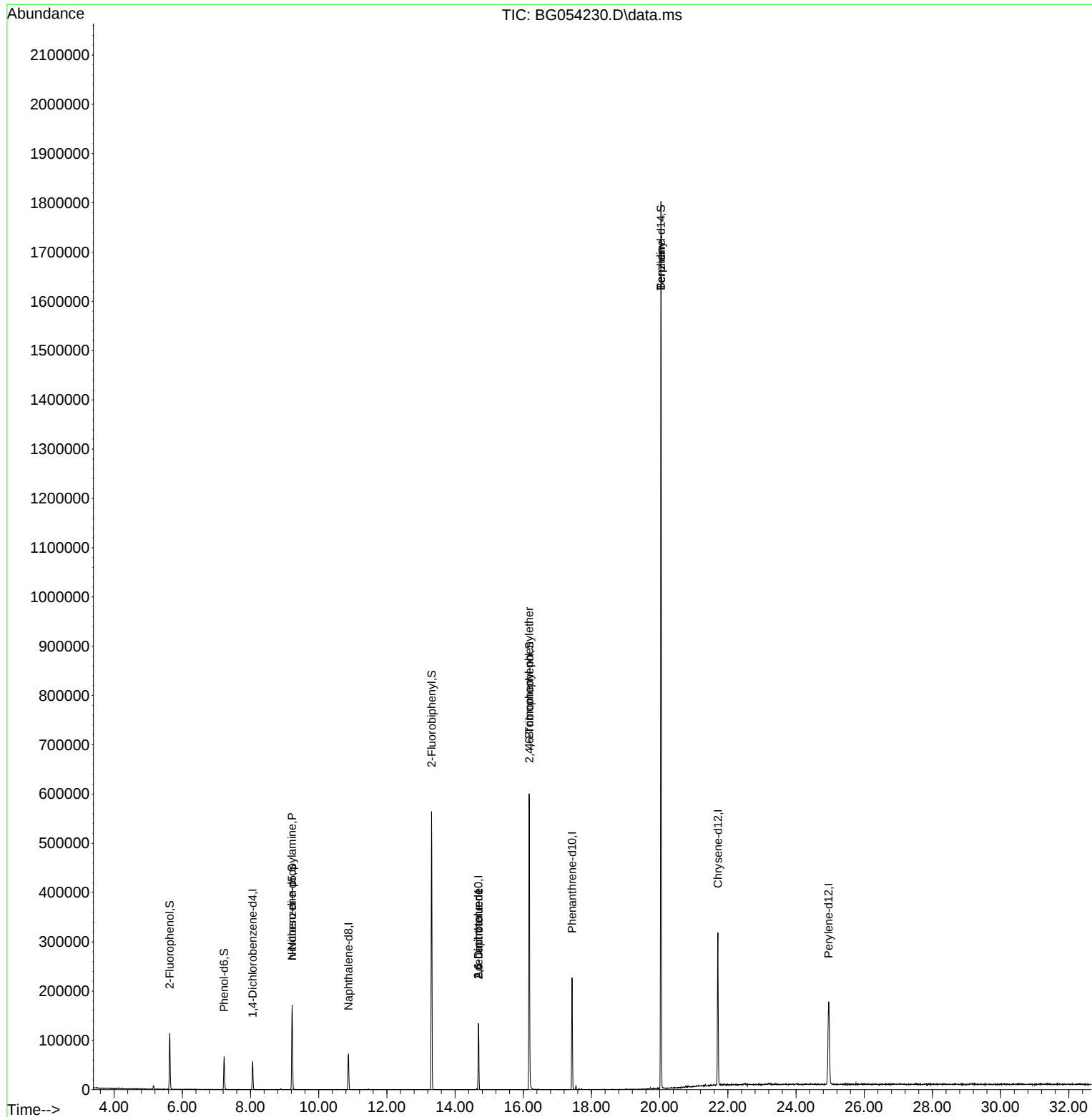
Quant Time: Jul 08 03:17:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

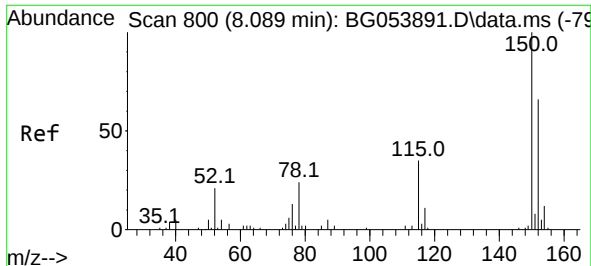
| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 8.064  | 152  | 17376    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.873 | 136  | 68115    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10      | 14.686 | 164  | 53674    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.430 | 188  | 168058   | 20     |       |          |

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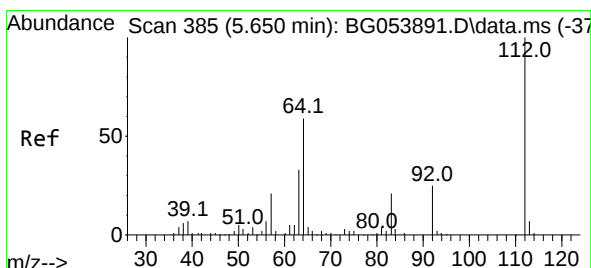
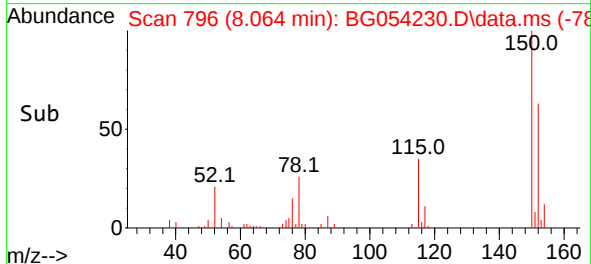
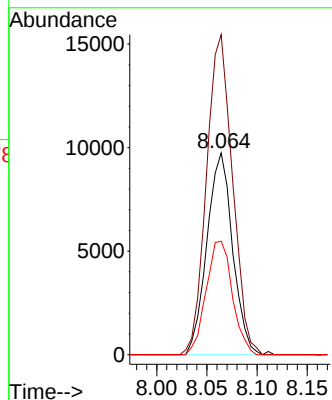
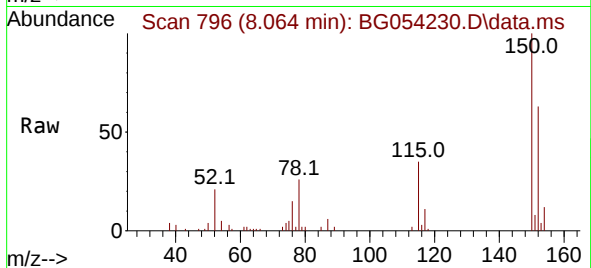


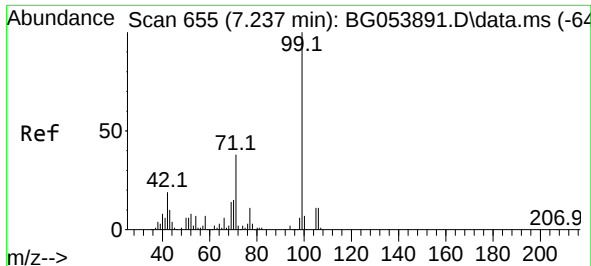


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.064 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BG054230.D  
Acq: 7 Jul 2022 18:17

Instrument :  
BNA\_G  
ClientSampleId :  
20220482-FIELD-BLANK

Tgt Ion:152 Resp: 17376  
Ion Ratio Lower Upper  
152 100  
150 158.6 131.6 197.4  
115 56.3 50.9 76.3

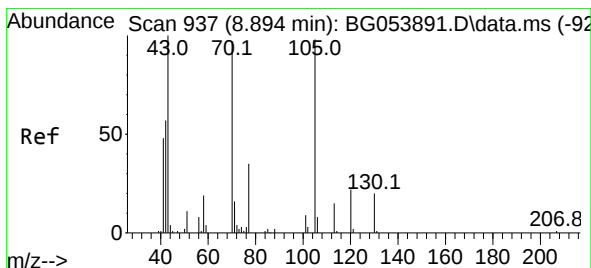
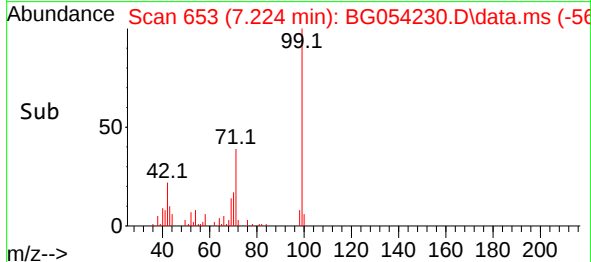
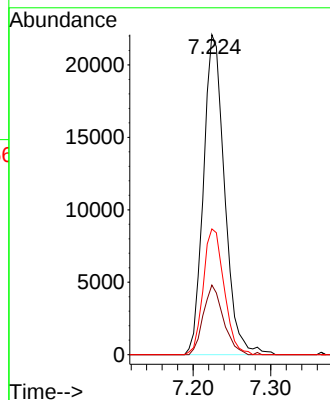
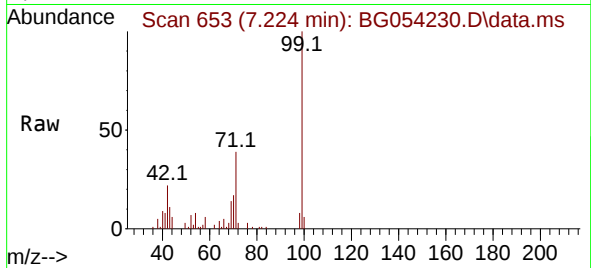


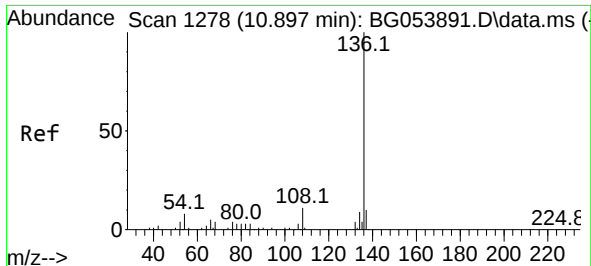


#7  
Phenol-d6  
Concen: 33.876 ng  
RT: 7.224 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG054230.D  
Acq: 7 Jul 2022 18:17

Instrument :  
BNA\_G  
ClientSampleId :  
20220482-FIELD-BLANK

Tgt Ion: 99 Resp: 41765  
Ion Ratio Lower Upper  
99 100  
42 21.8 17.0 25.6  
71 39.3 33.8 50.8

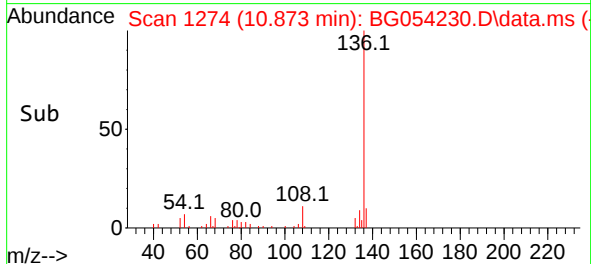
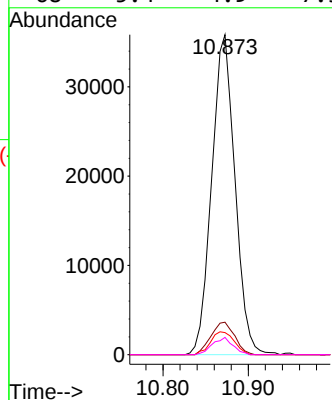
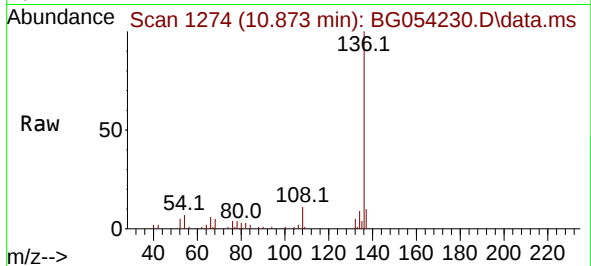


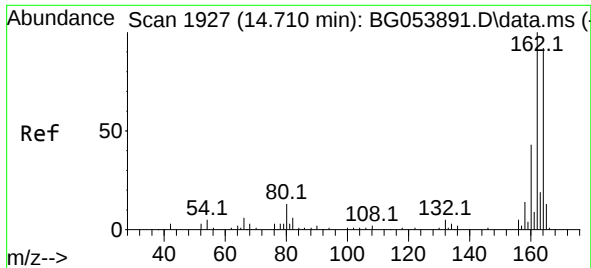


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.873 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG054230.D  
Acq: 7 Jul 2022 18:17

Instrument :  
BNA\_G  
ClientSampleId :  
20220482-FIELD-BLANK

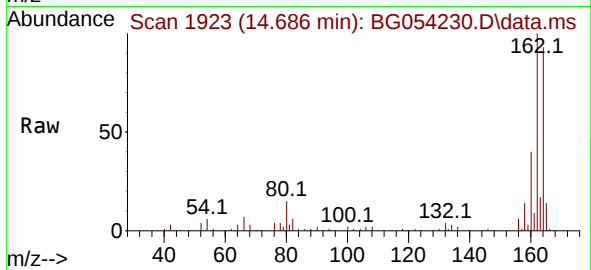
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 68115 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.2  | 8.5   | 12.7  |
| 54       | 6.9   | 7.4   | 11.2# |
| 68       | 5.4   | 4.9   | 7.3   |





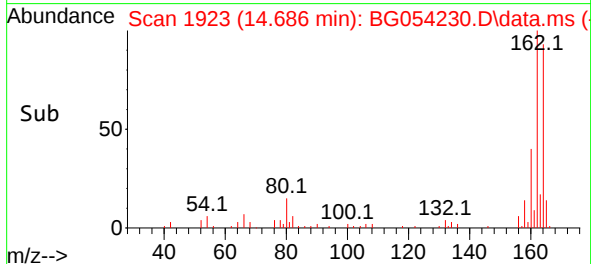
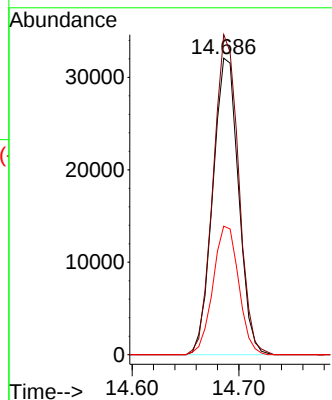
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.686 min Scan# 1923  
 Delta R.T. -0.012 min  
 Lab File: BG054230.D  
 Acq: 7 Jul 2022 18:17

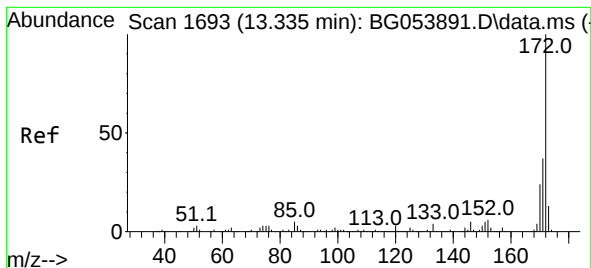
Instrument :  
 BNA\_G  
 ClientSampleId :  
 20220482-FIELD-BLANK



Tgt Ion:164 Resp: 53674  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 107.9 | 82.3  | 123.5 |
| 160 | 43.3  | 34.2  | 51.2  |





#45

2-Fluorobiphenyl

Concen: 88.923 ng

RT: 13.311 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG054230.D

Acq: 7 Jul 2022 18:17

Instrument :

BNA\_G

ClientSampleId :

20220482-FIELD-BLANK

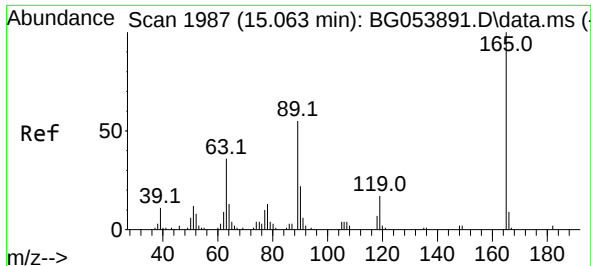
Tgt Ion:172 Resp: 328228

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.6 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 6.572 ng

RT: 14.686 min Scan# 1987

Delta R.T. -0.365 min

Lab File: BG054230.D

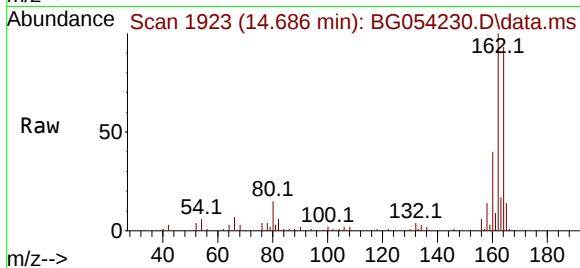
Acq: 7 Jul 2022 18:17

Instrument :

BNA\_G

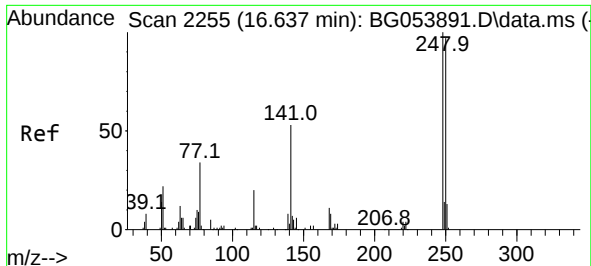
ClientSampleId :

20220482-FIELD-BLANK



Tgt Ion:165 Resp: 7665

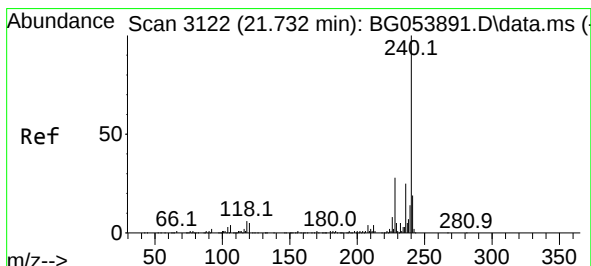
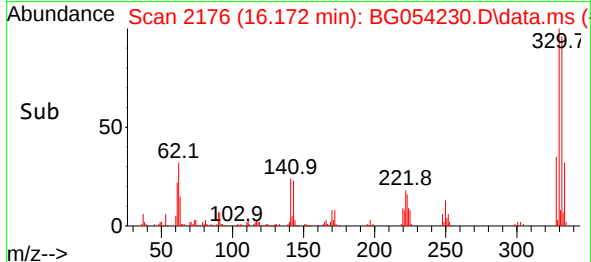
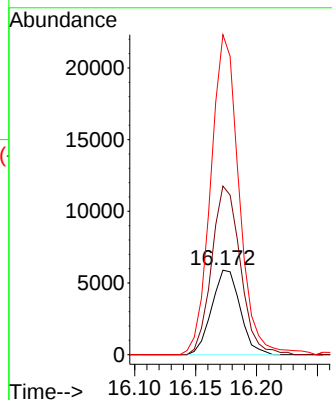
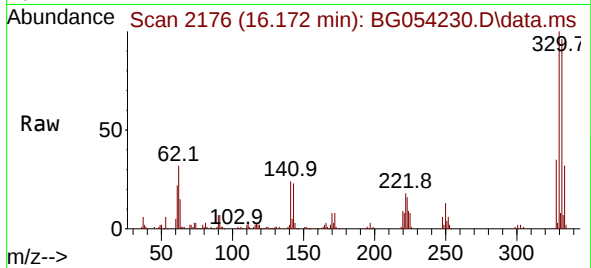
Ion Ratio Lower Upper

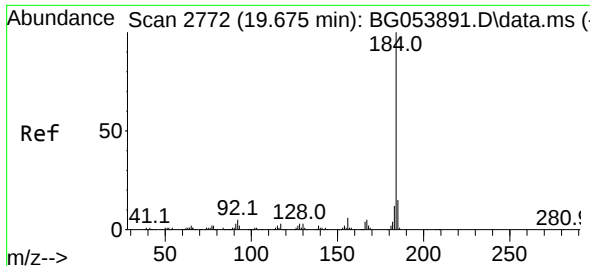


#67  
4-Bromophenyl-phenylether  
Concen: 4.555 ng  
RT: 16.172 min Scan# 2118  
Delta R.T. -0.453 min  
Lab File: BG054230.D  
Acq: 7 Jul 2022 18:17

Instrument :  
BNA\_G  
ClientSampleId :  
20220482-FIELD-BLANK

Tgt Ion:248 Resp: 9561  
Ion Ratio Lower Upper  
248 100  
250 202.4 75.2 112.8#  
141 293.1 50.0 75.0#

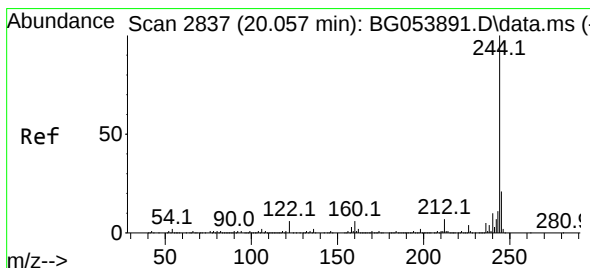
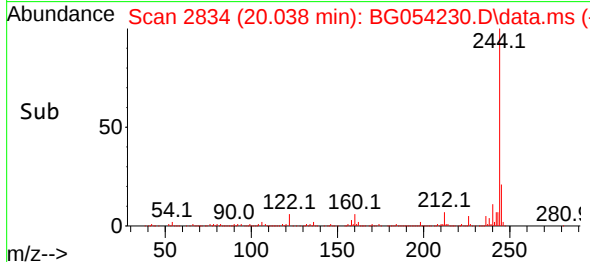
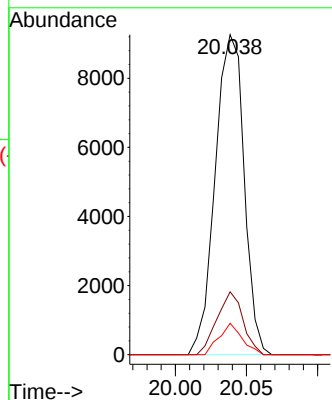
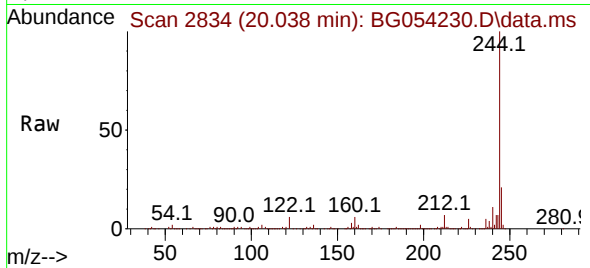


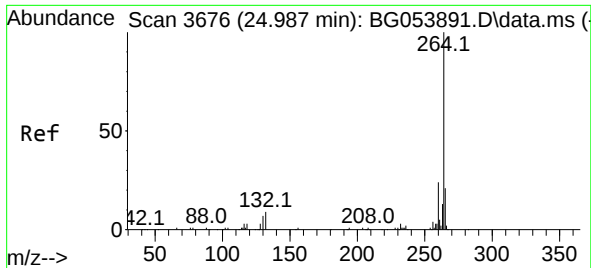


#77  
Benzidine  
Concen: 2.956 ng  
RT: 20.038 min Scan# 21  
Delta R.T. 0.376 min  
Lab File: BG054230.D  
Acq: 7 Jul 2022 18:17

Instrument :  
BNA\_G  
ClientSampleId :  
20220482-FIELD-BLANK

Tgt Ion:184 Resp: 13096  
Ion Ratio Lower Upper  
184 100  
185 19.7 11.8 17.6#  
183 9.8 8.9 13.3





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.956 min Scan# 30  
 Delta R.T. -0.006 min  
 Lab File: BG054230.D  
 Acq: 7 Jul 2022 18:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20220482-FIELD-BLANK

Tgt Ion:264 Resp: 216276  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.0 28.6  
 265 20.8 17.4 26.2

