

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110222\  
 Data File : BG055431.D  
 Acq On : 3 Nov 2022 2:06  
 Operator : CG/JU  
 Sample : N5396-14  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-I

Quant Time: Nov 03 06:14:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 02 05:05:12 2022  
 Response via : Initial Calibration

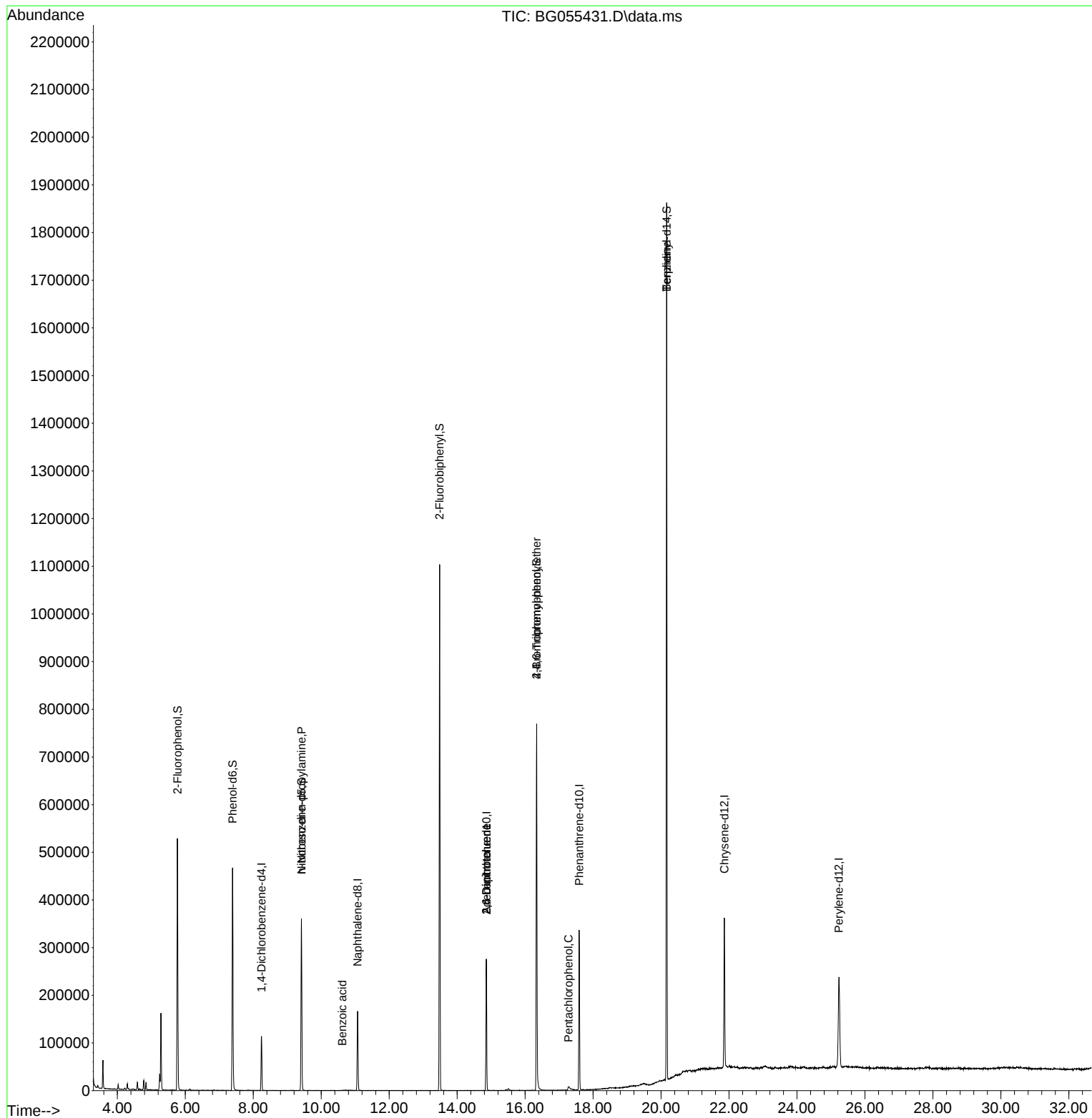
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.242  | 152  | 34509    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.068 | 136  | 151435   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.857 | 164  | 101727   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.589 | 188  | 216587   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.861 | 240  | 208694   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.233 | 264  | 225896   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.768  | 112  | 244408   | 127.190 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.390  | 99   | 293357   | 110.087 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.417  | 82   | 221832   | 78.070  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.338 | 330  | 177677   | 128.048 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.482 | 172  | 577469   | 84.165  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.163 | 244  | 920463   | 85.765  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.417  | 70   | 29753    | 14.289  | ng    | # 82     |
| 32) Benzoic acid              | 10.621 | 122  | 193      | 4.369   | ng    | # 56     |
| 51) 2,6-Dinitrotoluene        | 14.857 | 165  | 13281    | 7.471   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 13281    | 5.225   | ng    | # 25     |
| 67) 4-Bromophenyl-phenylether | 16.338 | 248  | 11042    | 4.313   | ng    | # 1      |
| 70) Pentachlorophenol         | 17.278 | 266  | 6868     | 8.506   | ng    | 89       |
| 77) Benzidine                 | 20.163 | 184  | 13266    | 3.053   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

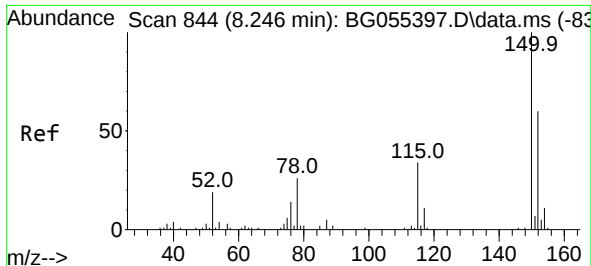
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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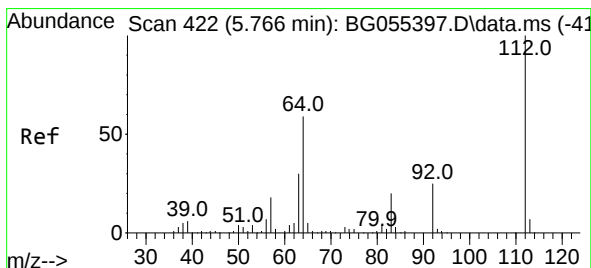
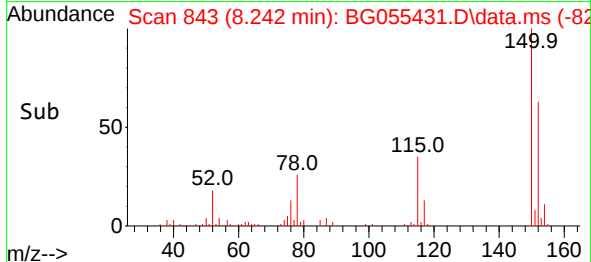
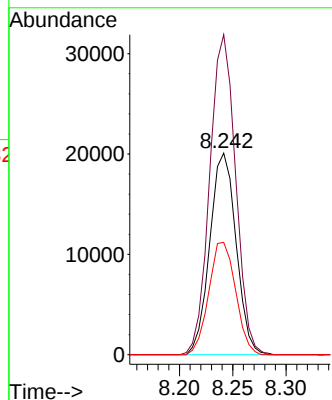
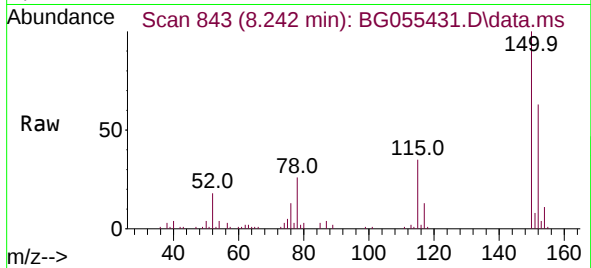




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.242 min Scan# 844  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

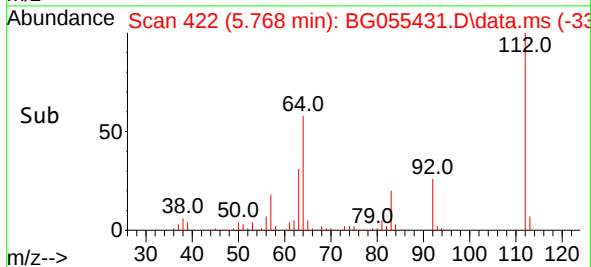
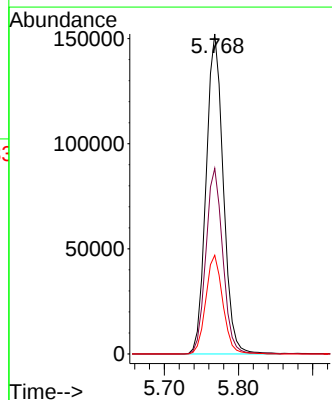
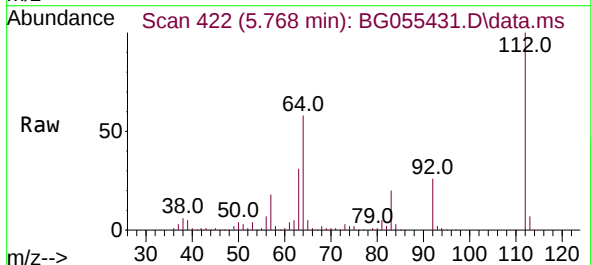
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BNA\_G  
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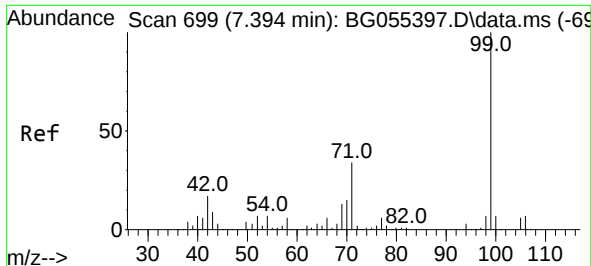
Tgt Ion:152 Resp: 34509  
Ion Ratio Lower Upper  
152 100  
150 158.8 132.8 199.2  
115 55.7 45.1 67.7



#5  
2-Fluorophenol  
Concen: 127.190 ng  
RT: 5.768 min Scan# 422  
Delta R.T. 0.001 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion:112 Resp: 244408  
Ion Ratio Lower Upper  
112 100  
64 58.0 47.2 70.8  
63 30.9 24.3 36.5

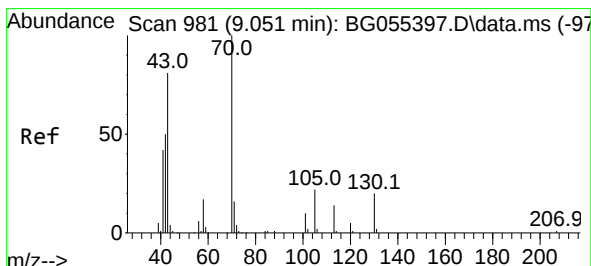
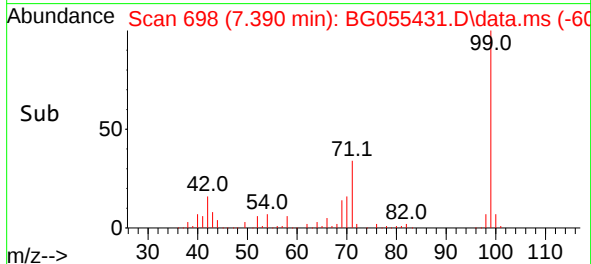
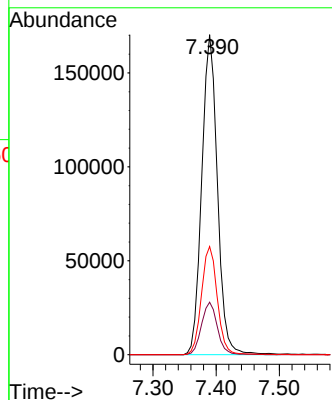
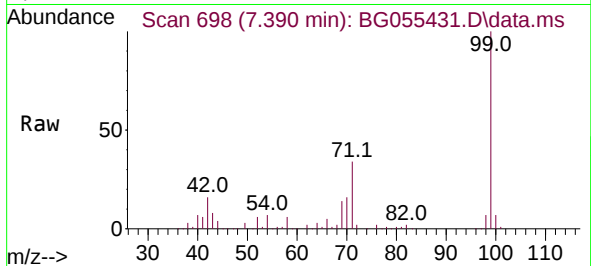




#7  
Phenol-d6  
Concen: 110.087 ng  
RT: 7.390 min Scan# 699  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

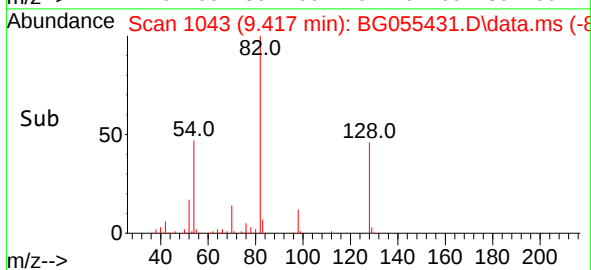
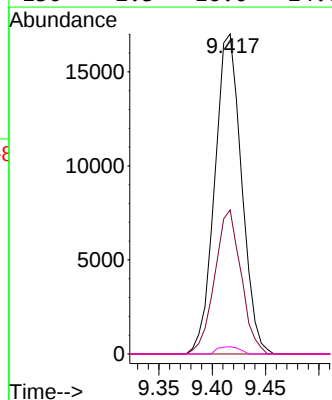
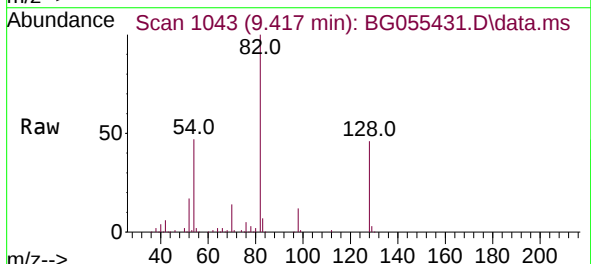
Instrument :  
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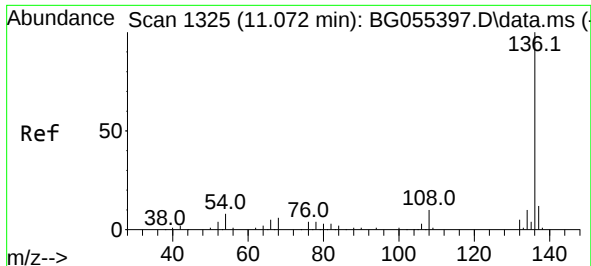
Tgt Ion: 99 Resp: 293357  
Ion Ratio Lower Upper  
99 100  
42 16.4 13.5 20.3  
71 33.8 27.4 41.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.289 ng  
RT: 9.417 min Scan# 1043  
Delta R.T. 0.366 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion: 70 Resp: 29753  
Ion Ratio Lower Upper  
70 100  
42 45.0 40.6 61.0  
101 0.0 7.8 11.6#  
130 2.3 16.0 24.0#

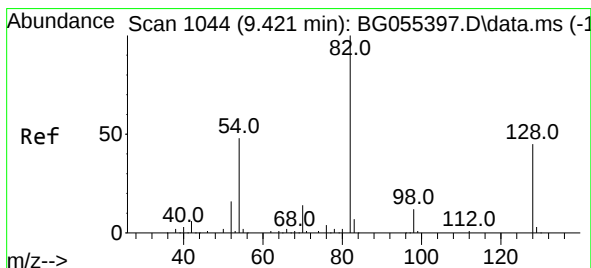
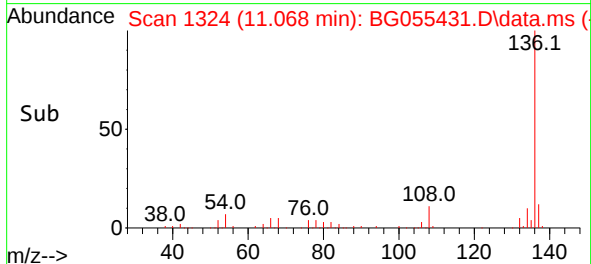
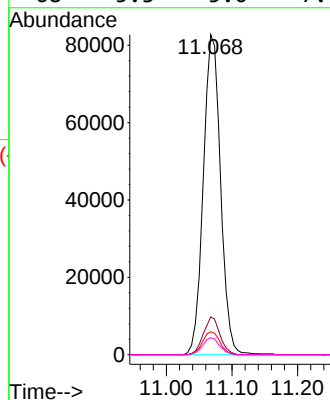
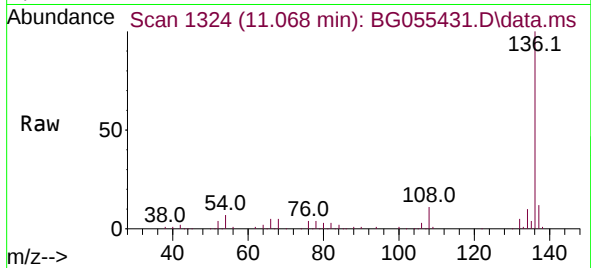




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.068 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

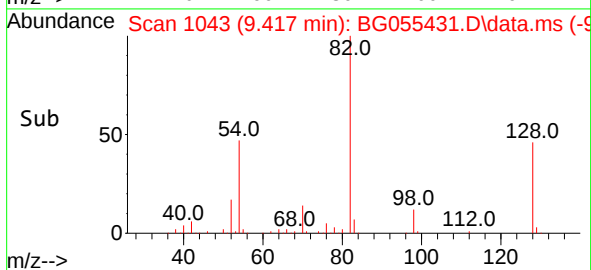
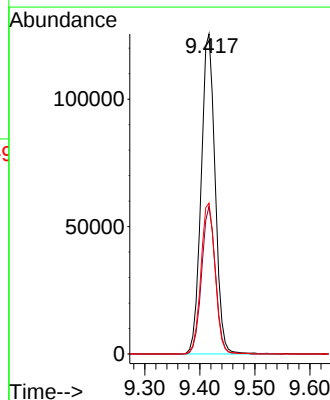
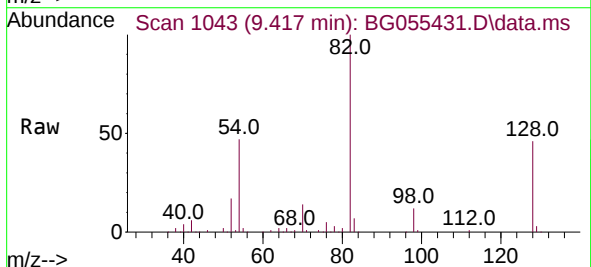
Instrument :  
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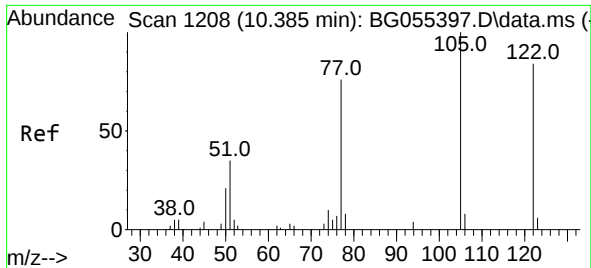
Tgt Ion:136 Resp: 151435  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.4 14.2  
54 7.2 6.1 9.1  
68 5.3 5.0 7.4



#23  
Nitrobenzene-d5  
Concen: 78.070 ng  
RT: 9.417 min Scan# 1043  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion: 82 Resp: 221832  
Ion Ratio Lower Upper  
82 100  
128 46.1 35.8 53.8  
54 47.2 38.1 57.1

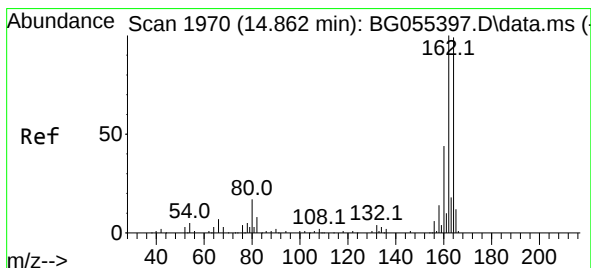
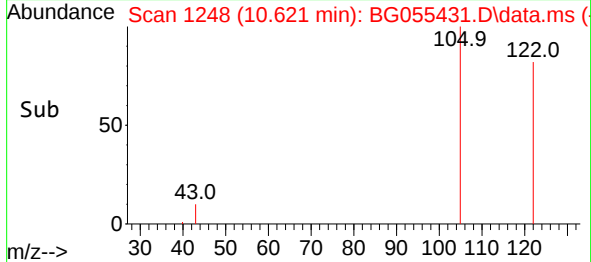
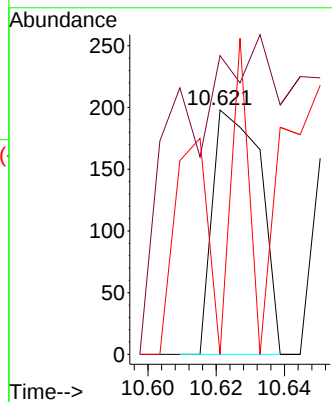
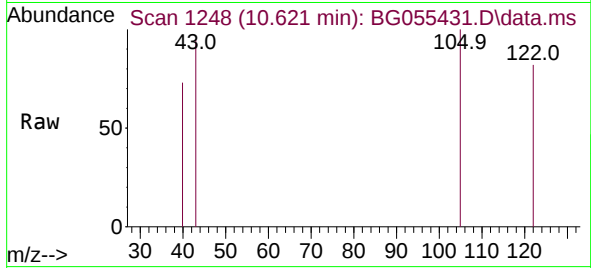




#32  
Benzoic acid  
Concen: 4.369 ng  
RT: 10.621 min Scan# 11  
Delta R.T. 0.236 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

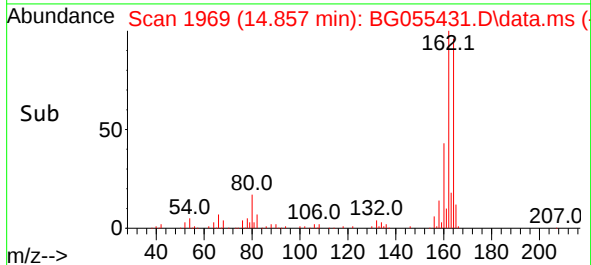
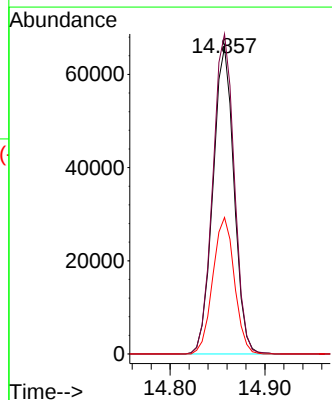
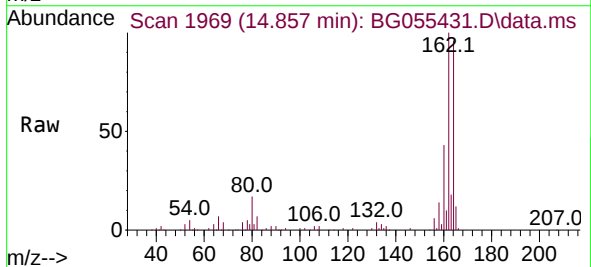
Instrument :  
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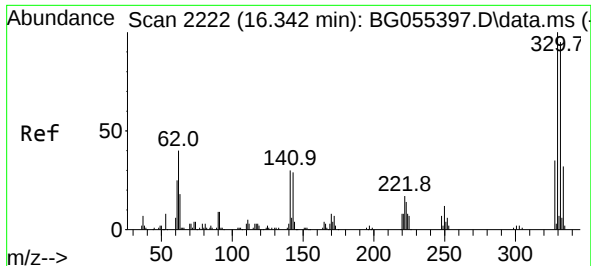
Tgt Ion:122 Resp: 193  
Ion Ratio Lower Upper  
122 100  
105 122.2 97.4 137.4  
77 0.0 69.5 109.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.857 min Scan# 1969  
Delta R.T. -0.005 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion:164 Resp: 101727  
Ion Ratio Lower Upper  
164 100  
162 104.3 81.1 121.7  
160 44.5 35.8 53.6

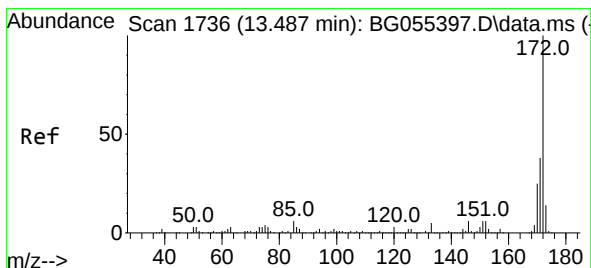
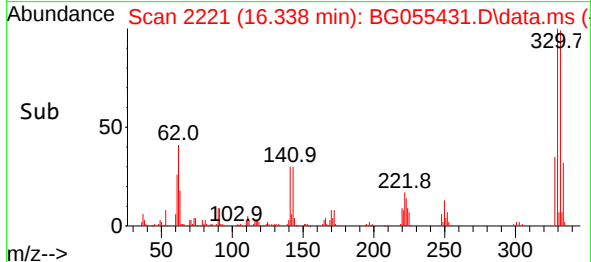
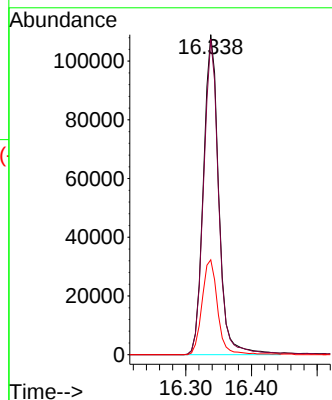
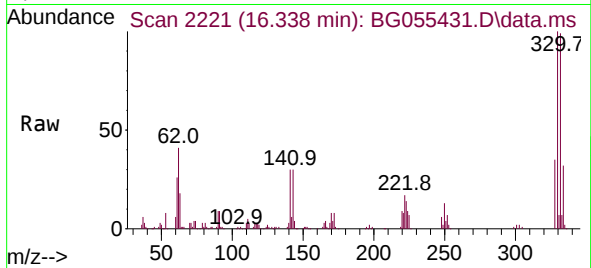




#42  
2,4,6-Tribromophenol  
Concen: 128.048 ng  
RT: 16.338 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

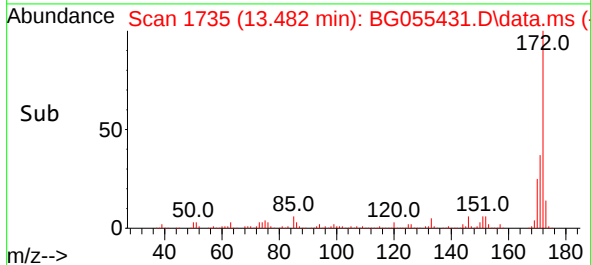
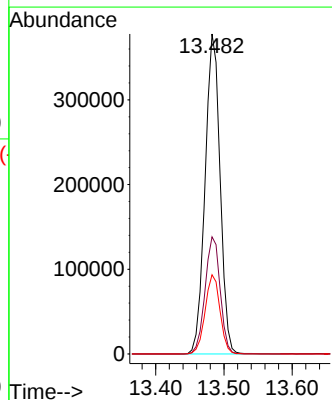
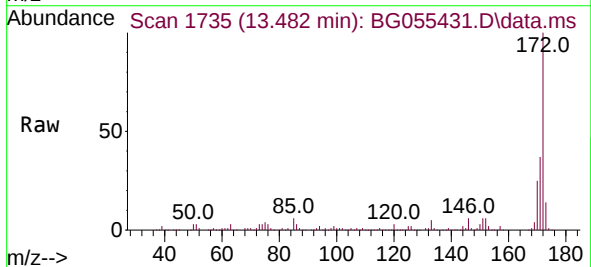
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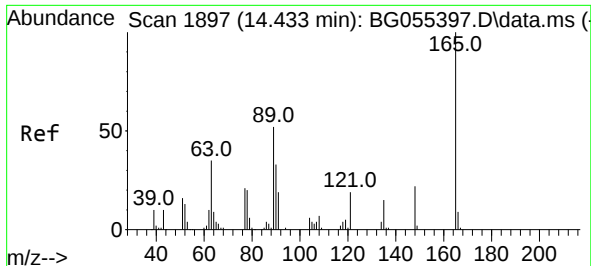
Tgt Ion:330 Resp: 177677  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.8 116.6  
141 29.9 24.2 36.2



#45  
2-Fluorobiphenyl  
Concen: 84.165 ng  
RT: 13.482 min Scan# 1735  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion:172 Resp: 577469  
Ion Ratio Lower Upper  
172 100  
171 36.6 30.2 45.2  
170 24.7 20.2 30.2

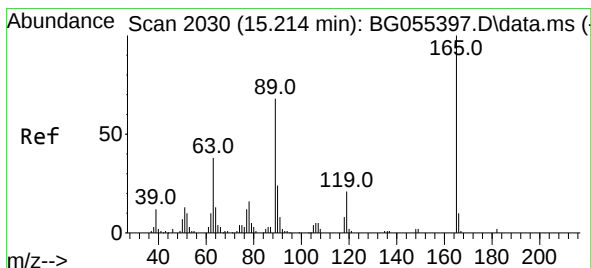
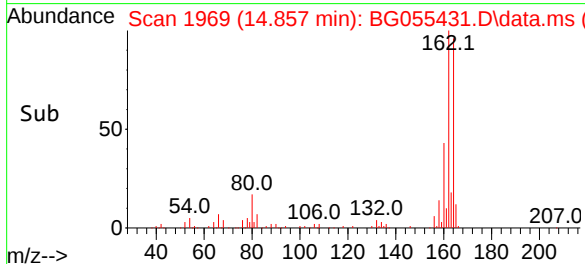
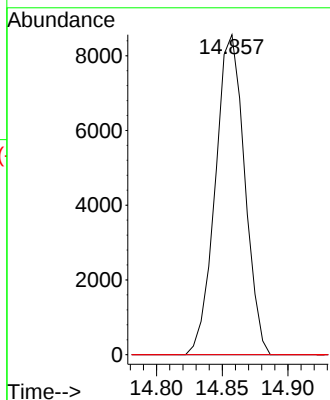
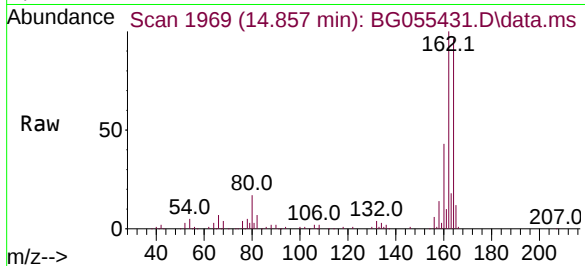




#51  
2,6-Dinitrotoluene  
Concen: 7.471 ng  
RT: 14.857 min Scan# 1969  
Delta R.T. 0.424 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

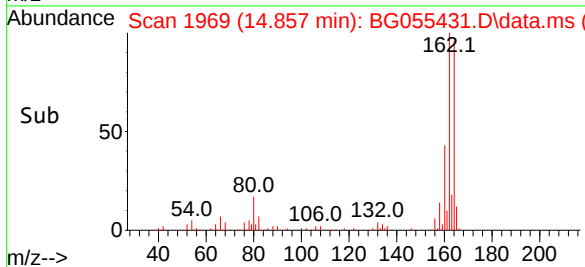
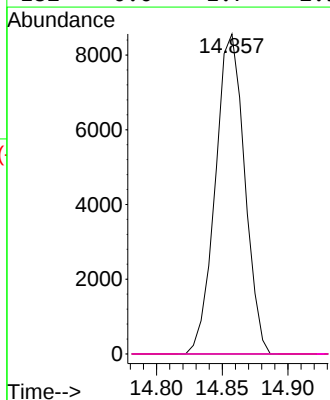
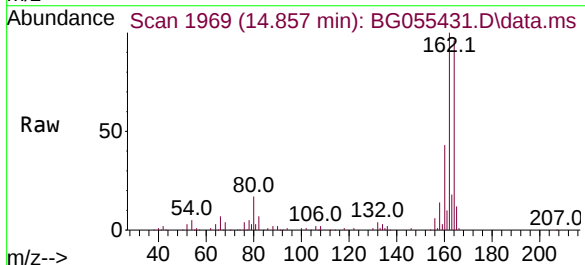
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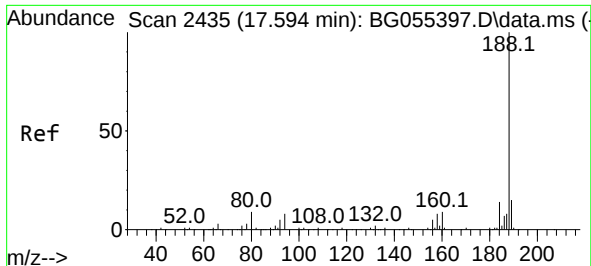
Tgt Ion:165 Resp: 13281  
Ion Ratio Lower Upper  
165 100  
63 0.0 38.2 57.4#  
89 0.0 41.8 62.6#



#57  
2,4-Dinitrotoluene  
Concen: 5.225 ng  
RT: 14.857 min Scan# 1969  
Delta R.T. -0.357 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion:165 Resp: 13281  
Ion Ratio Lower Upper  
165 100  
63 0.0 30.8 46.2#  
89 0.0 54.5 81.7#  
182 0.0 1.7 2.5#

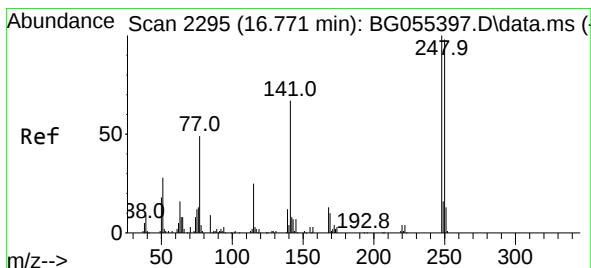
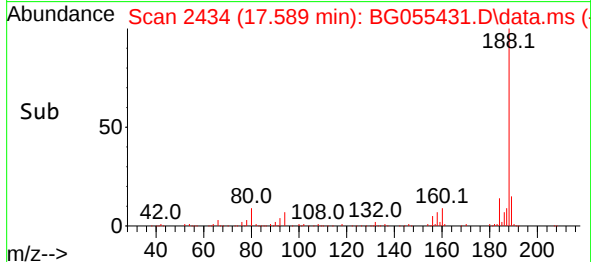
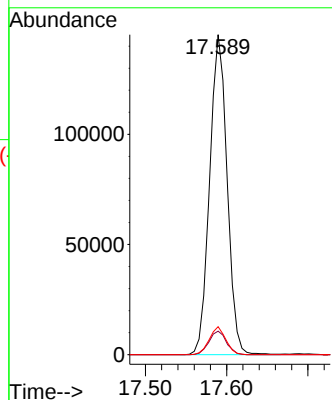
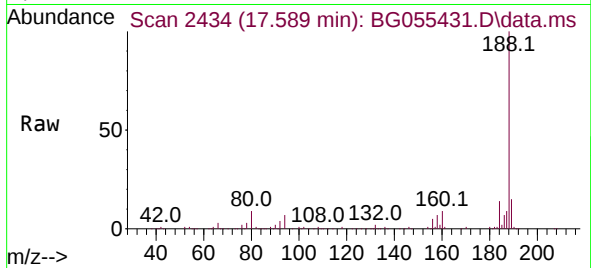




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.589 min Scan# 2435  
Delta R.T. -0.005 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

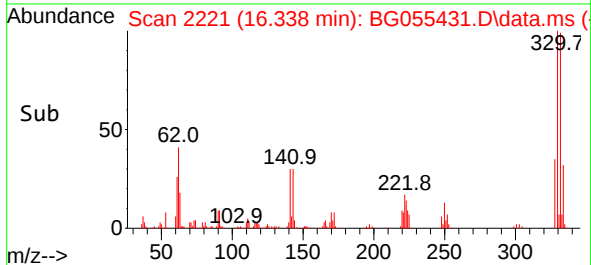
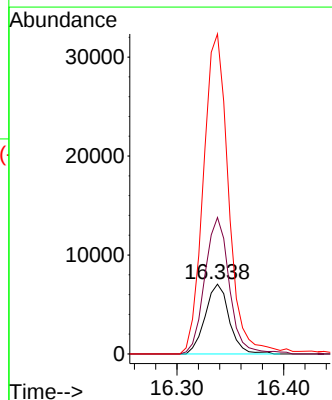
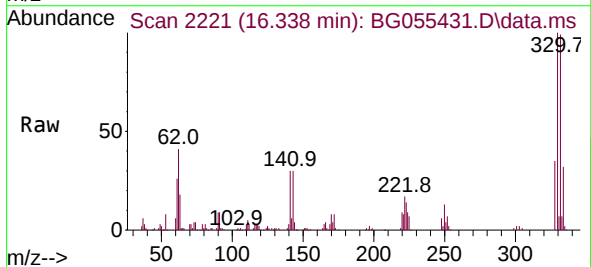
Instrument :  
BNA\_G  
ClientSampleId :  
TP-I

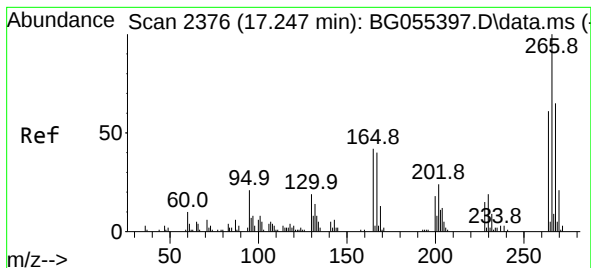
Tgt Ion:188 Resp: 216587  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.5 9.7  
80 8.7 7.4 11.0



#67  
4-Bromophenyl-phenylether  
Concen: 4.313 ng  
RT: 16.338 min Scan# 2221  
Delta R.T. -0.433 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion:248 Resp: 11042  
Ion Ratio Lower Upper  
248 100  
250 195.9 78.3 117.5#  
141 459.0 53.7 80.5#





#70

Pentachlorophenol

Concen: 8.506 ng

RT: 17.278 min Scan# 21

Delta R.T. 0.031 min

Lab File: BG055431.D

Acq: 3 Nov 2022 2:06

Instrument :

BNA\_G

ClientSampleId :

TP-I

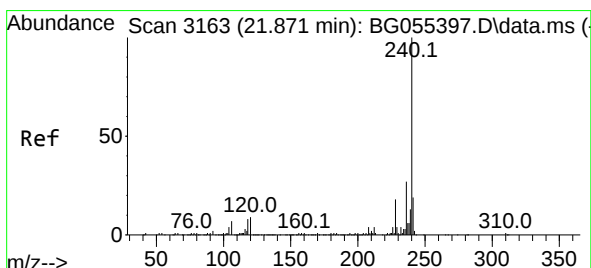
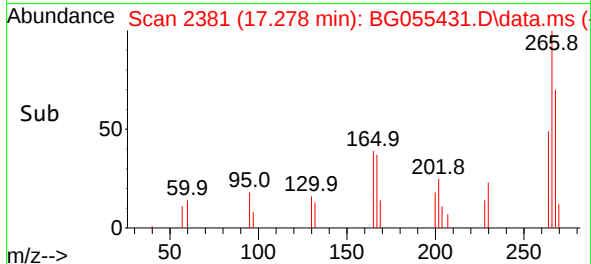
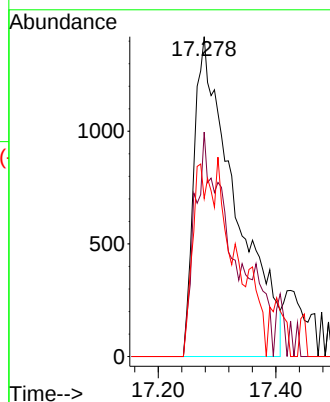
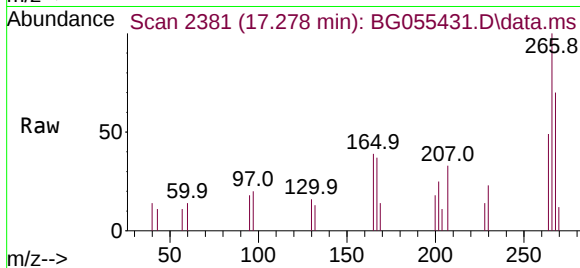
Tgt Ion:266 Resp: 6868

Ion Ratio Lower Upper

266 100

268 70.2 52.2 78.4

264 49.4 49.2 73.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.861 min Scan# 3161

Delta R.T. -0.010 min

Lab File: BG055431.D

Acq: 3 Nov 2022 2:06

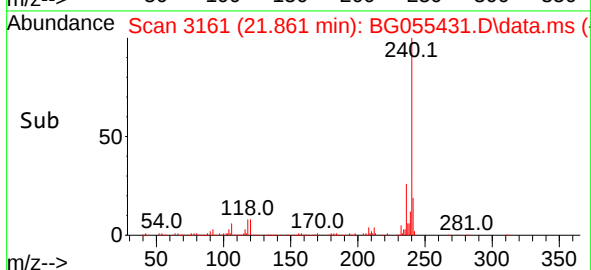
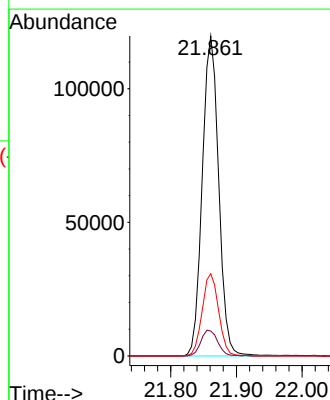
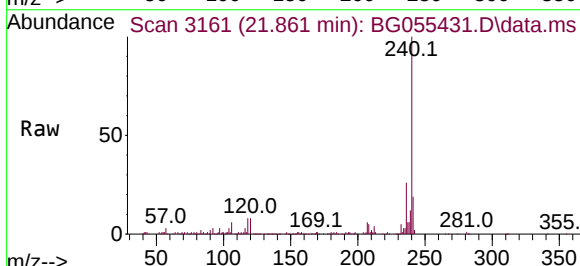
Tgt Ion:240 Resp: 208694

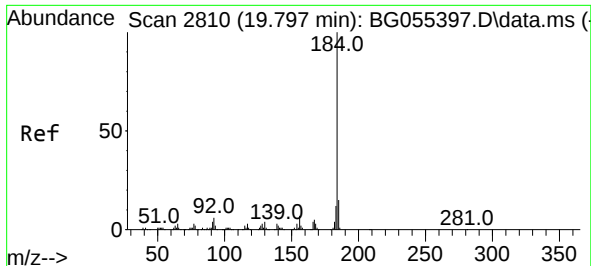
Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 25.7 21.5 32.3

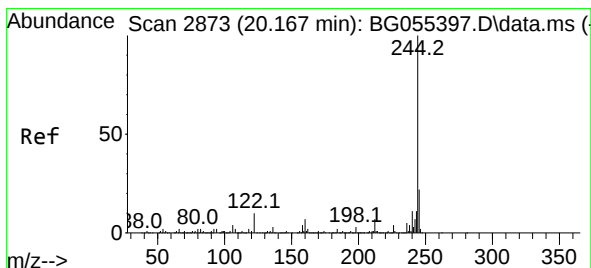
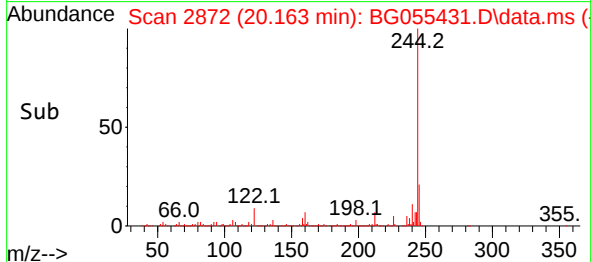
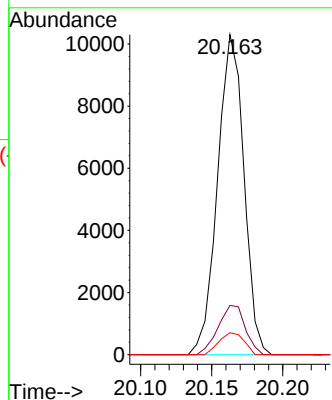
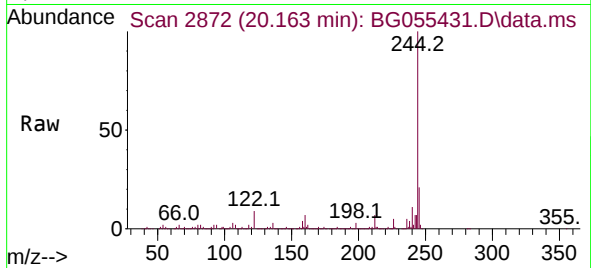




#77  
Benzidine  
Concen: 3.053 ng  
RT: 20.163 min Scan# 2872  
Delta R.T. 0.366 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

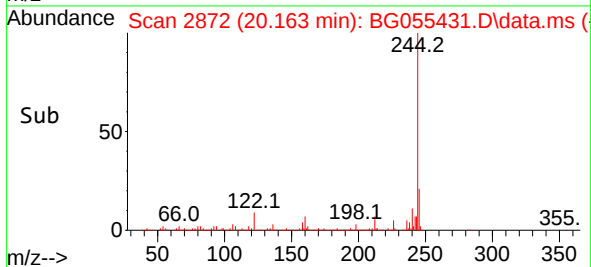
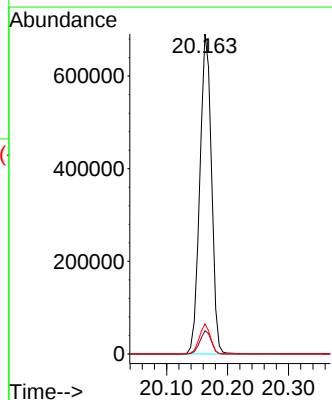
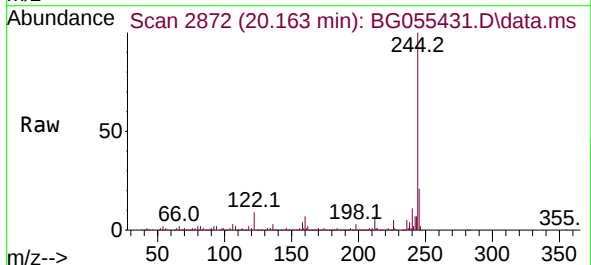
Instrument :  
BNA\_G  
ClientSampleId :  
TP-I

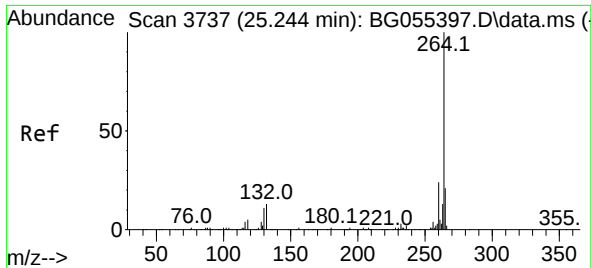
Tgt Ion:184 Resp: 13266  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.7 17.5  
183 6.8 9.8 14.8#



#79  
Terphenyl-d14  
Concen: 85.765 ng  
RT: 20.163 min Scan# 2872  
Delta R.T. -0.004 min  
Lab File: BG055431.D  
Acq: 3 Nov 2022 2:06

Tgt Ion:244 Resp: 920463  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.8  
122 9.3 7.8 11.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.233 min Scan# 31  
 Delta R.T. -0.010 min  
 Lab File: BG055431.D  
 Acq: 3 Nov 2022 2:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-I

Tgt Ion:264 Resp: 225896  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.9 28.3  
 265 21.2 17.1 25.7

