

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042822\  
 Data File : BG053371.D  
 Acq On : 28 Apr 2022 18:03  
 Operator : CG/JU  
 Sample : N2577-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GT-04-(25-30)

Quant Time: Apr 29 03:22:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 01:13:30 2022  
 Response via : Initial Calibration

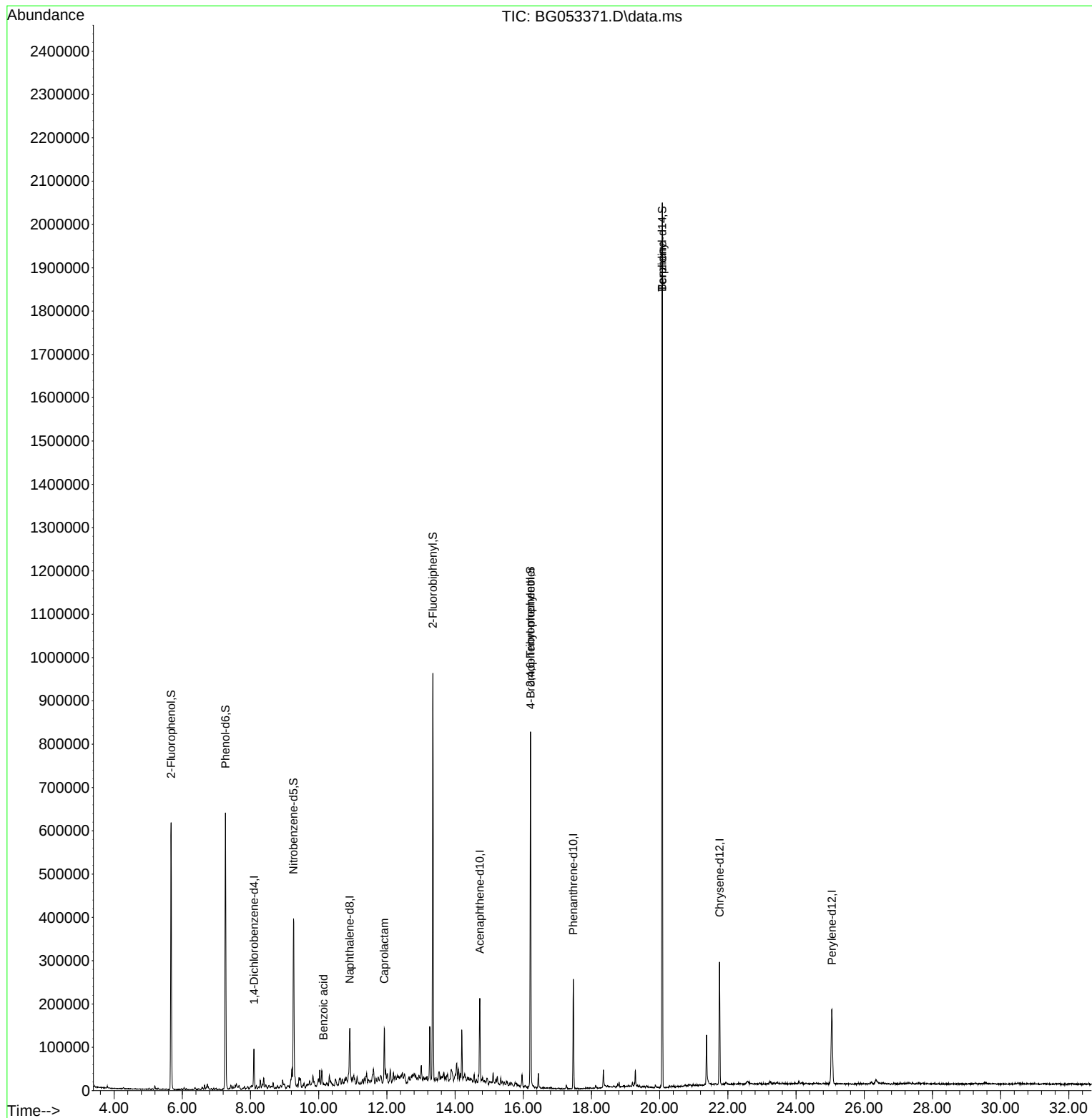
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.105  | 152  | 26204    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.913 | 136  | 98034    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.726 | 164  | 65789    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.469 | 188  | 164782   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.757 | 240  | 188272   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.053 | 264  | 194786   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.673  | 112  | 258213   | 168.915 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.265  | 99   | 361970   | 153.550 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.262  | 82   | 251054   | 103.981 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.212 | 330  | 164941   | 157.585 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.351 | 172  | 494375   | 103.619 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.077 | 244  | 1026472  | 92.080  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 10.143 | 122  | 75       | 3.705   | ng    | # 28     |
| 35) Caprolactam               | 11.923 | 113  | 4276     | 6.861   | ng    | # 49     |
| 67) 4-Bromophenyl-phenylether | 16.218 | 248  | 10830    | 5.129   | ng    | # 1      |
| 77) Benzidine                 | 20.077 | 184  | 17660    | 3.288   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

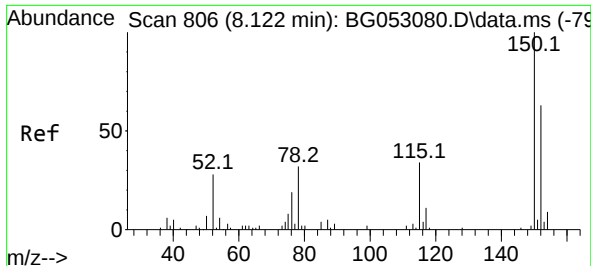
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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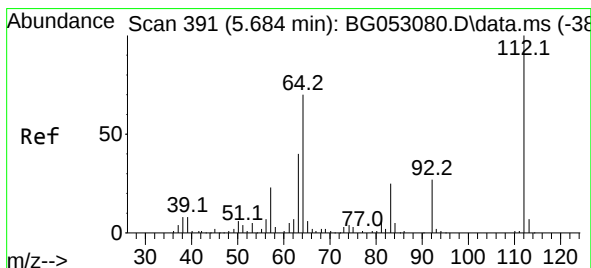
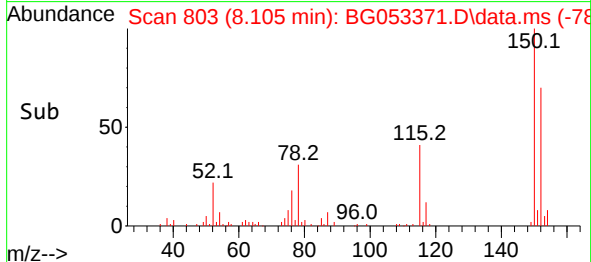
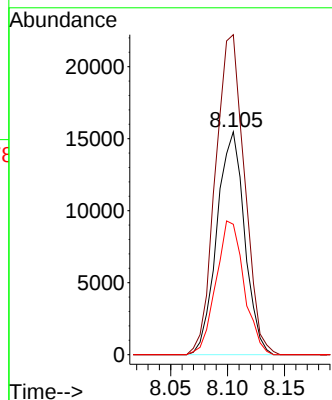
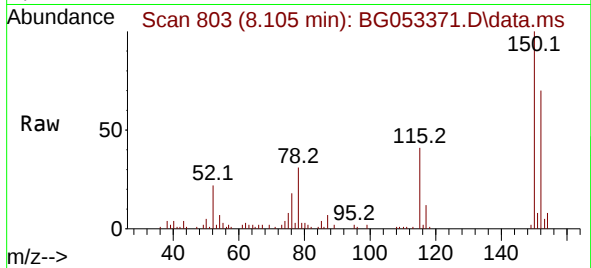




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.105 min Scan# 806  
Delta R.T. -0.008 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

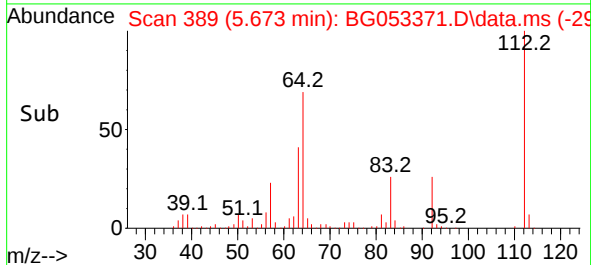
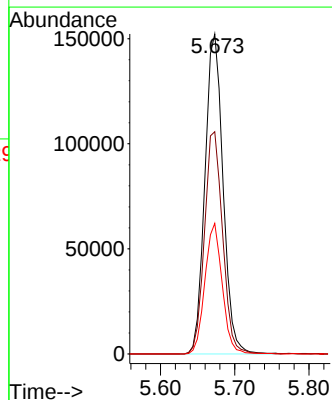
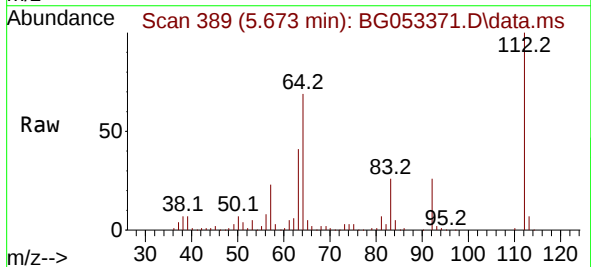
Instrument :  
BNA\_G  
ClientSampleId :  
GT-04-(25-30)

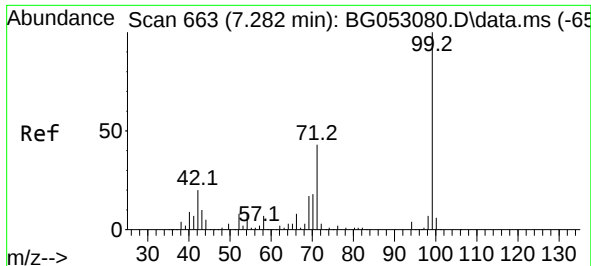
Tgt Ion:152 Resp: 26204  
Ion Ratio Lower Upper  
152 100  
150 143.5 114.6 172.0  
115 58.5 45.9 68.9



#5  
2-Fluorophenol  
Concen: 168.915 ng  
RT: 5.673 min Scan# 389  
Delta R.T. -0.003 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

Tgt Ion:112 Resp: 258213  
Ion Ratio Lower Upper  
112 100  
64 69.5 48.0 72.0  
63 40.8 26.5 39.7#

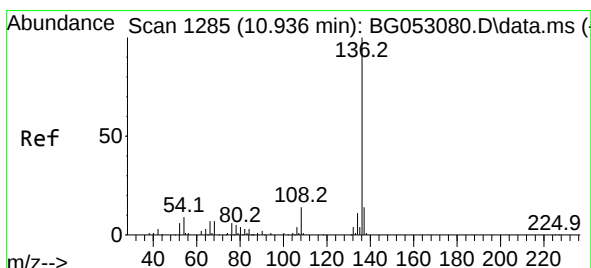
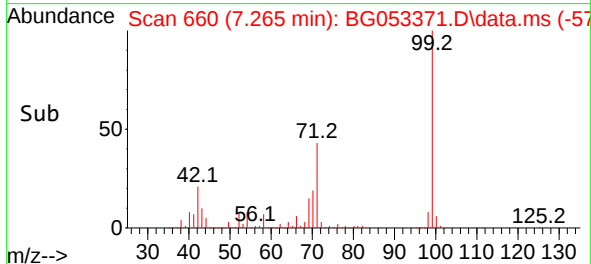
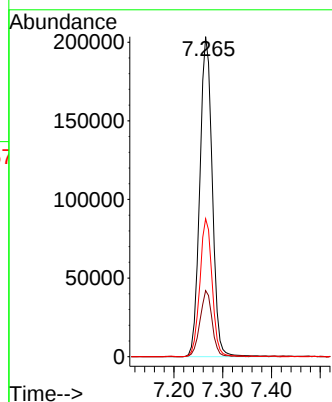
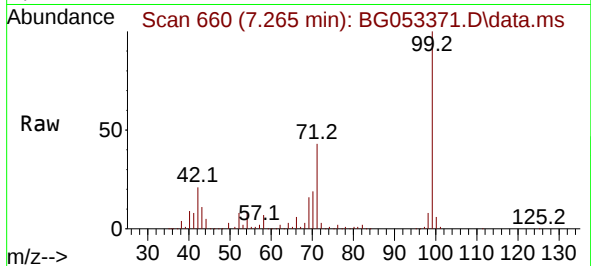




#7  
Phenol-d6  
Concen: 153.550 ng  
RT: 7.265 min Scan# 60  
Delta R.T. -0.008 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

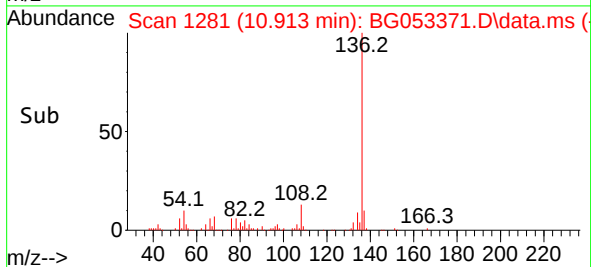
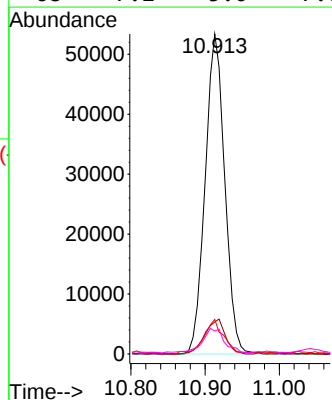
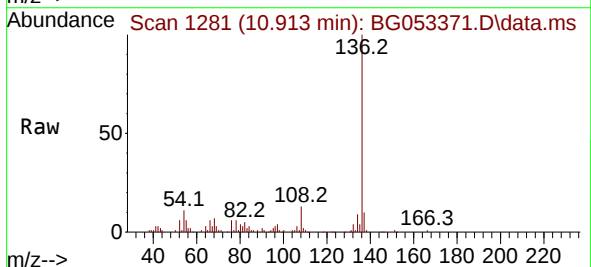
Instrument :  
BNA\_G  
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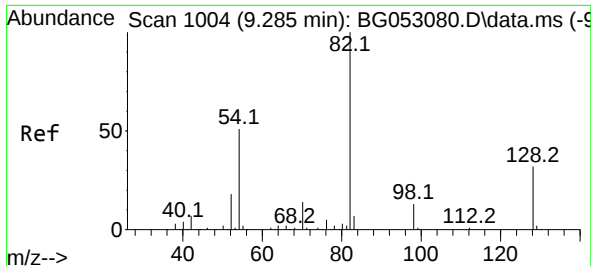
Tgt Ion: 99 Resp: 361970  
Ion Ratio Lower Upper  
99 100  
42 20.6 14.7 22.1  
71 43.1 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.913 min Scan# 1281  
Delta R.T. -0.008 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

Tgt Ion: 136 Resp: 98034  
Ion Ratio Lower Upper  
136 100  
137 10.0 9.4 14.2  
54 10.8 6.4 9.6#  
68 7.2 5.0 7.6





#23  
Nitrobenzene-d5  
Concen: 103.981 ng  
RT: 9.262 min Scan# 1105  
Delta R.T. -0.014 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

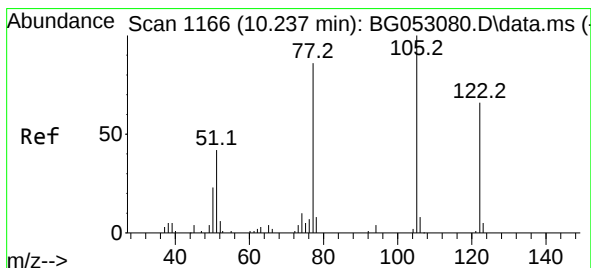
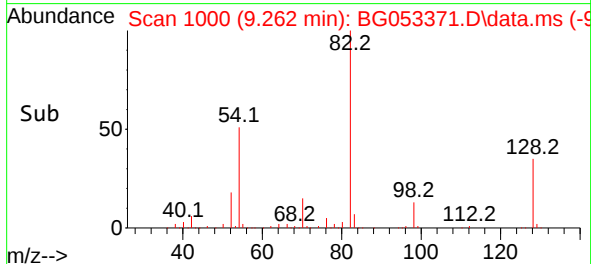
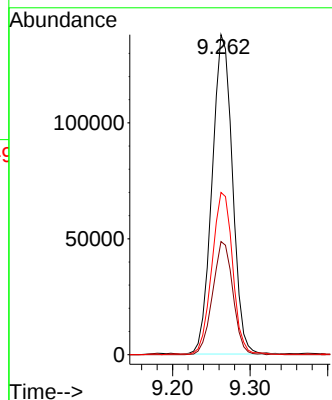
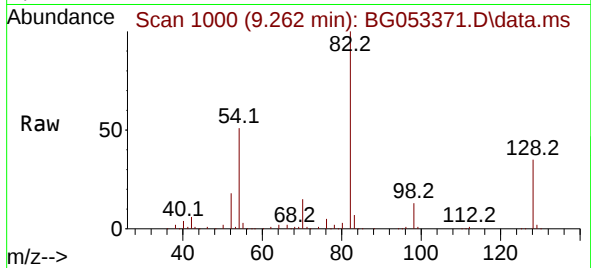
Instrument :

BNA\_G

ClientSampleId :

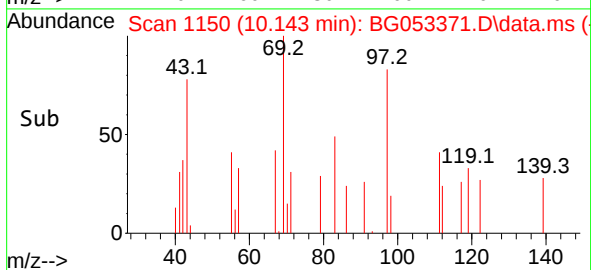
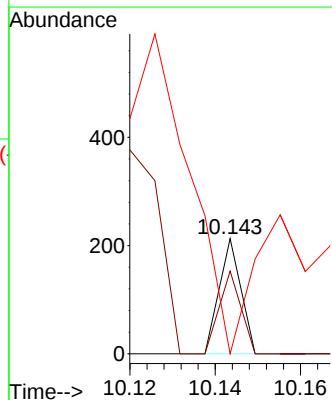
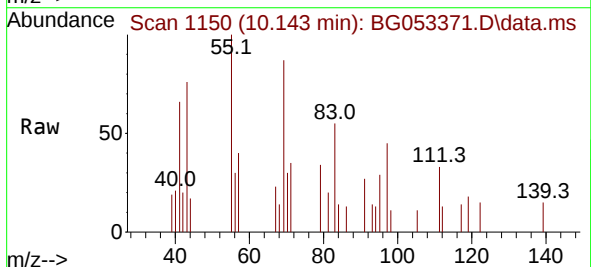
GT-04-(25-30)

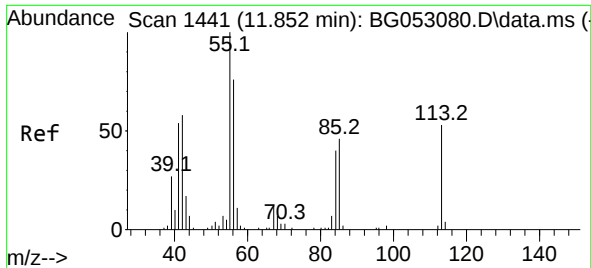
Tgt Ion: 82 Resp: 251054  
Ion Ratio Lower Upper  
82 100  
128 35.3 31.3 46.9  
54 50.7 37.8 56.8



#32  
Benzoic acid  
Concen: 3.705 ng  
RT: 10.143 min Scan# 1150  
Delta R.T. -0.091 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

Tgt Ion:122 Resp: 75  
Ion Ratio Lower Upper  
122 100  
105 71.8 112.8 152.8#  
77 0.0 78.4 118.4#

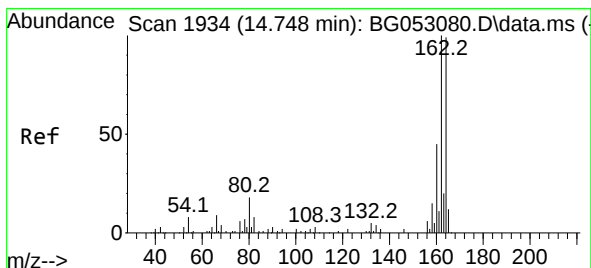
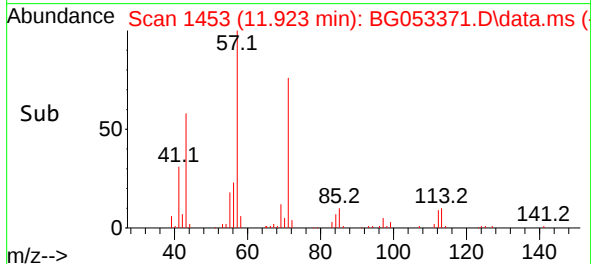
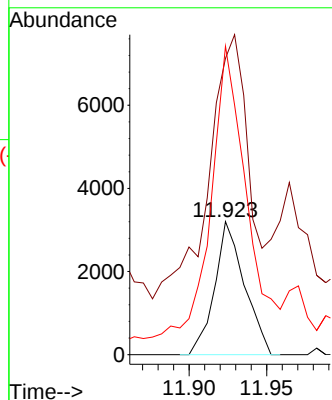
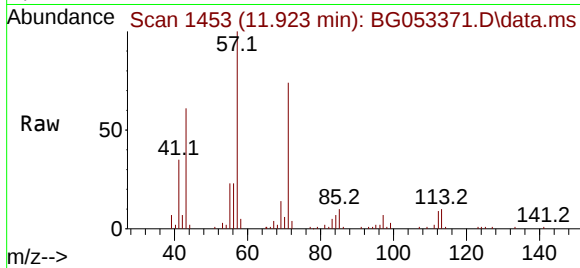




#35  
 Caprolactam  
 Concen: 6.861 ng  
 RT: 11.923 min Scan# 1441  
 Delta R.T. 0.074 min  
 Lab File: BG053371.D  
 Acq: 28 Apr 2022 18:03

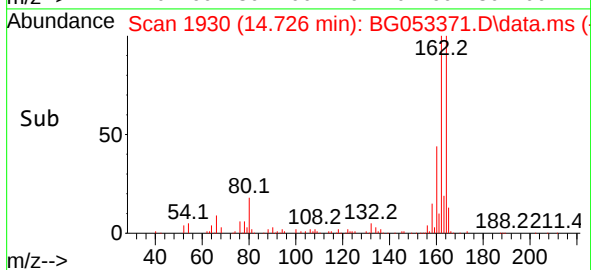
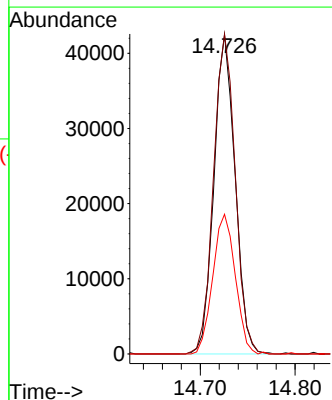
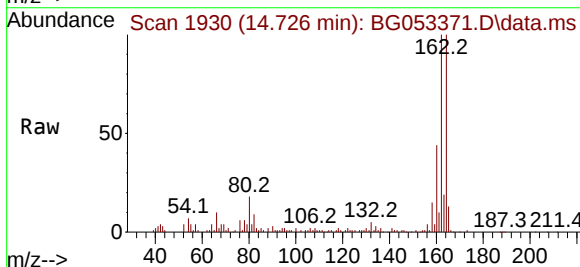
Instrument :  
 BNA\_G  
 ClientSampleId :  
 GT-04-(25-30)

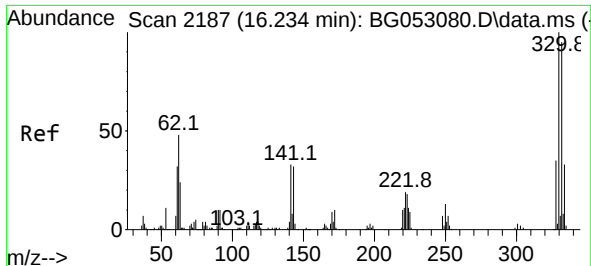
Tgt Ion:113 Resp: 4276  
 Ion Ratio Lower Upper  
 113 100  
 55 222.7 151.3 191.3#  
 56 231.8 128.5 168.5#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.726 min Scan# 1930  
 Delta R.T. -0.008 min  
 Lab File: BG053371.D  
 Acq: 28 Apr 2022 18:03

Tgt Ion:164 Resp: 65789  
 Ion Ratio Lower Upper  
 164 100  
 162 100.2 80.0 120.0  
 160 43.8 38.8 58.2

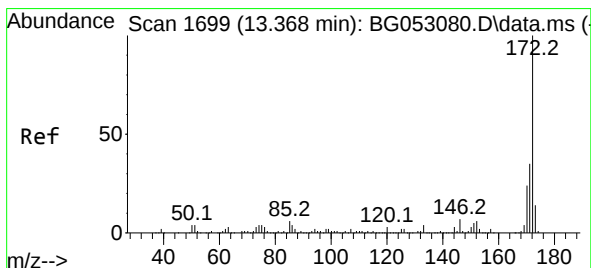
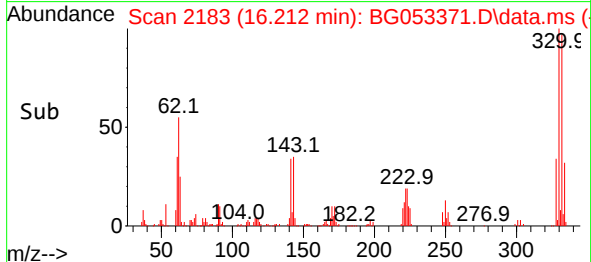
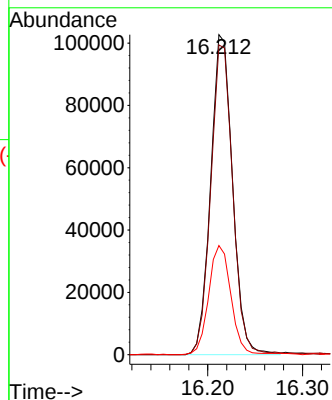
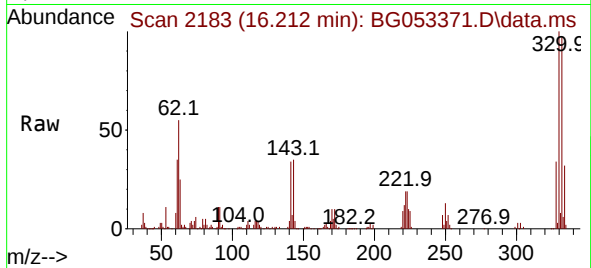




#42  
 2,4,6-Tribromophenol  
 Concen: 157.585 ng  
 RT: 16.212 min Scan# 2187  
 Delta R.T. -0.014 min  
 Lab File: BG053371.D  
 Acq: 28 Apr 2022 18:03

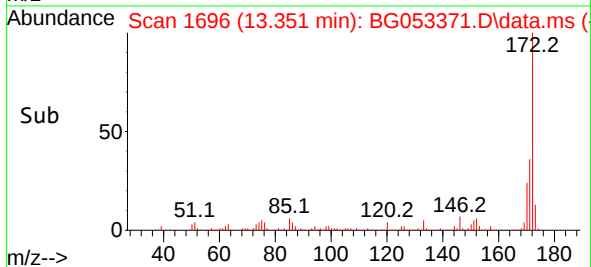
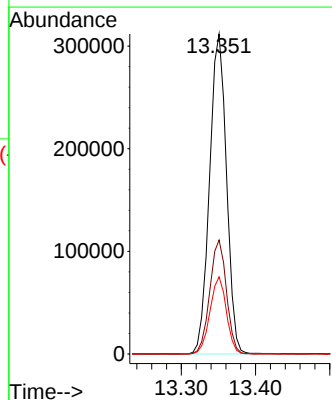
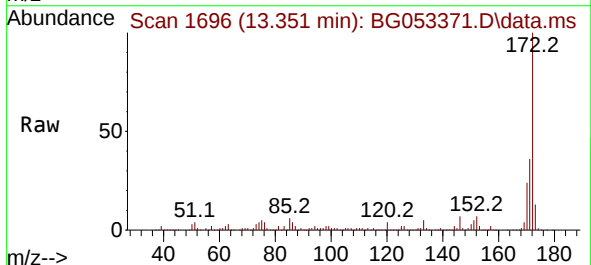
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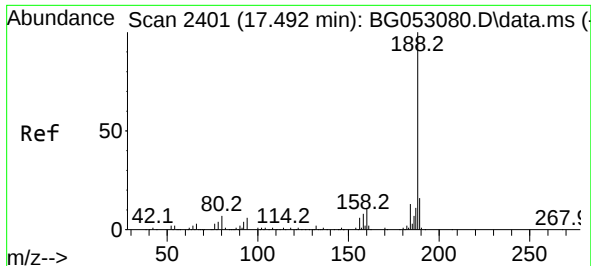
Tgt Ion:330 Resp: 164941  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 75.8 113.6  
 141 34.6 24.6 36.8



#45  
 2-Fluorobiphenyl  
 Concen: 103.619 ng  
 RT: 13.351 min Scan# 1696  
 Delta R.T. -0.008 min  
 Lab File: BG053371.D  
 Acq: 28 Apr 2022 18:03

Tgt Ion:172 Resp: 494375  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.3 42.5  
 170 24.1 18.0 27.0

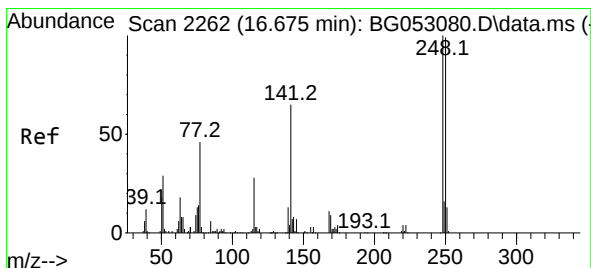
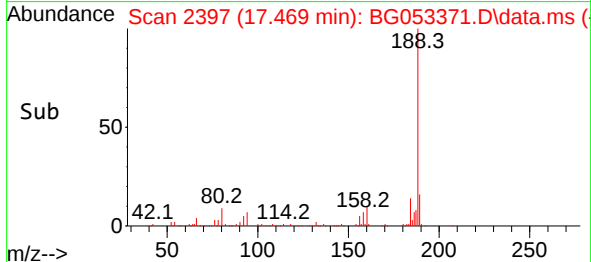
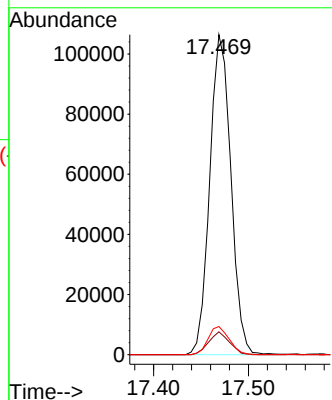
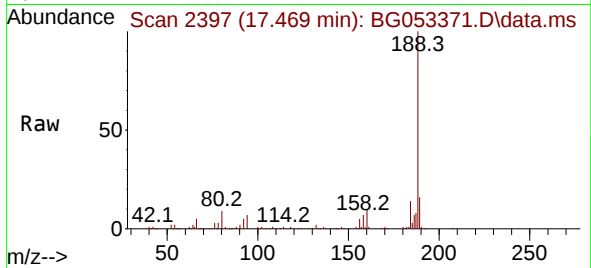




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.469 min Scan# 2184  
Delta R.T. -0.014 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

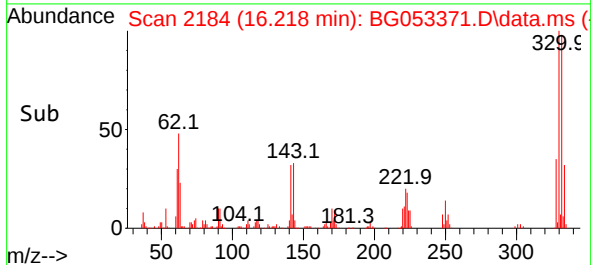
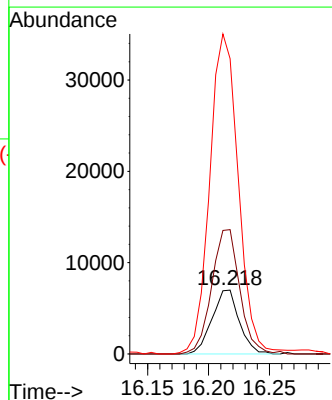
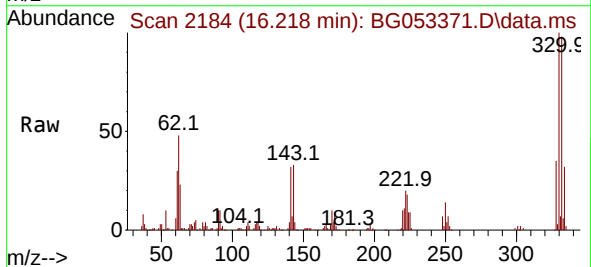
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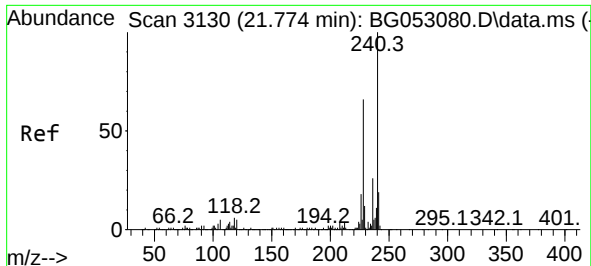
Tgt Ion:188 Resp: 164782  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.7 8.5  
80 8.8 7.2 10.8



#67  
4-Bromophenyl-phenylether  
Concen: 5.129 ng  
RT: 16.218 min Scan# 2184  
Delta R.T. -0.443 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

Tgt Ion:248 Resp: 10830  
Ion Ratio Lower Upper  
248 100  
250 194.6 77.9 116.9#  
141 462.2 49.2 73.8#

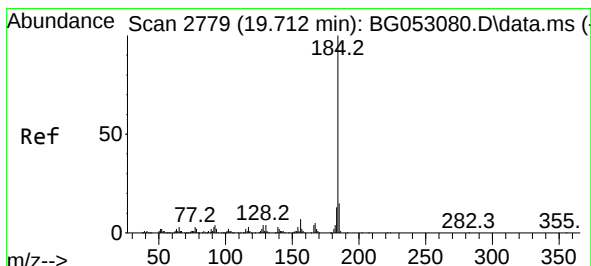
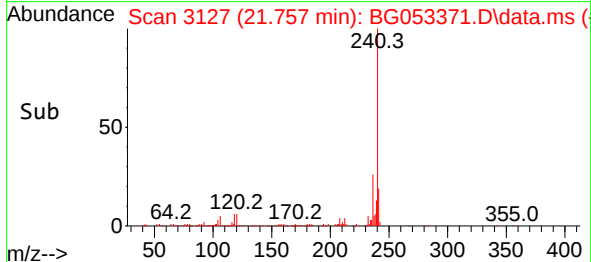
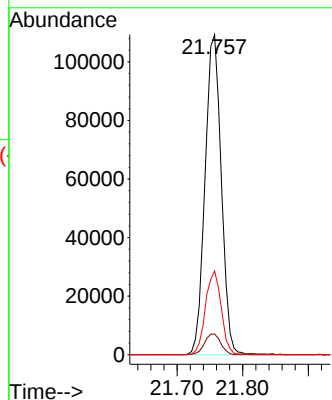
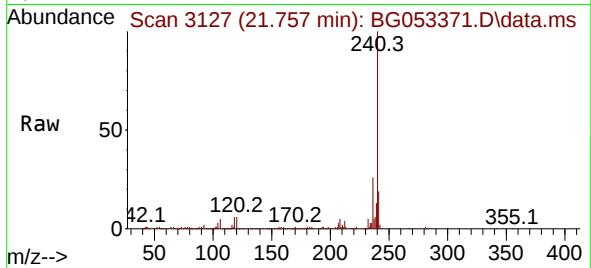




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.757 min Scan# 31  
Delta R.T. -0.008 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

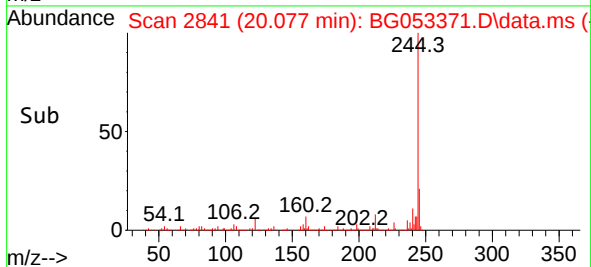
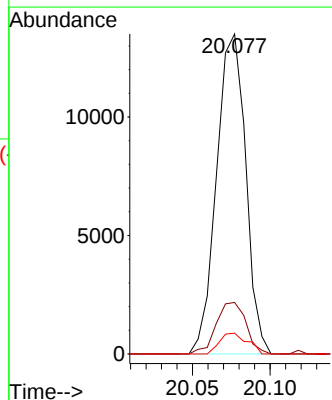
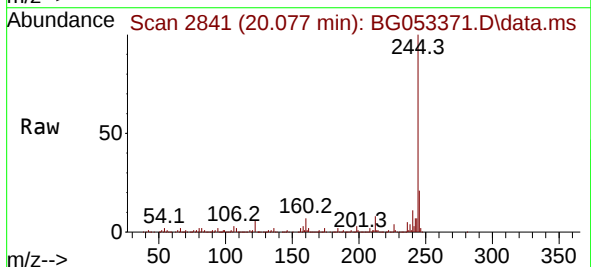
Instrument :  
BNA\_G  
ClientSampleId :  
GT-04-(25-30)

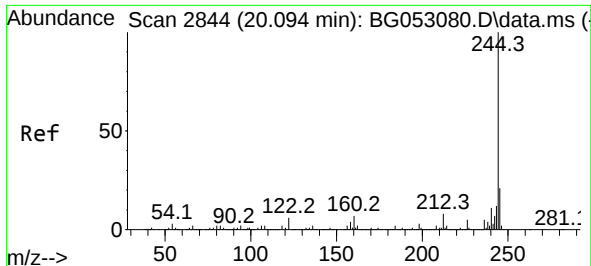
Tgt Ion:240 Resp: 188272  
Ion Ratio Lower Upper  
240 100  
120 6.5 5.4 8.0  
236 26.2 19.8 29.6



#77  
Benzidine  
Concen: 3.288 ng  
RT: 20.077 min Scan# 2841  
Delta R.T. 0.373 min  
Lab File: BG053371.D  
Acq: 28 Apr 2022 18:03

Tgt Ion:184 Resp: 17660  
Ion Ratio Lower Upper  
184 100  
185 16.1 11.5 17.3  
183 6.5 9.4 14.2#

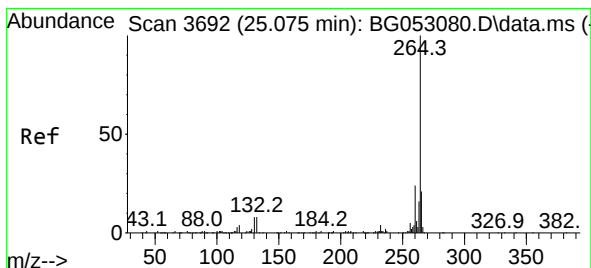
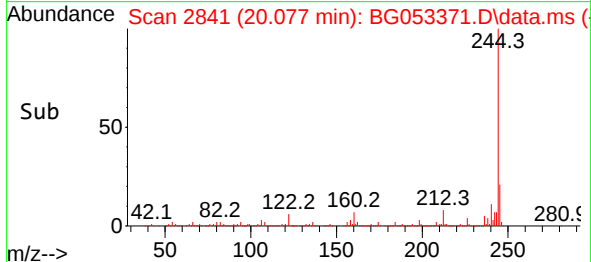
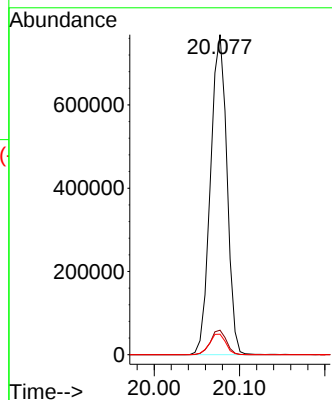
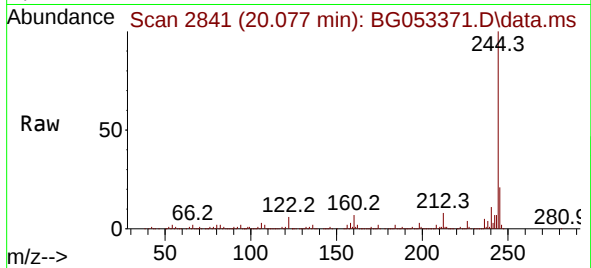




#79  
 Terphenyl-d14  
 Concen: 92.080 ng  
 RT: 20.077 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BG053371.D  
 Acq: 28 Apr 2022 18:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GT-04-(25-30)

Tgt Ion:244 Resp: 1026472  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.4 8.2  
 122 6.4 5.8 8.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.053 min Scan# 3688  
 Delta R.T. -0.008 min  
 Lab File: BG053371.D  
 Acq: 28 Apr 2022 18:03

Tgt Ion:264 Resp: 194786  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 18.2 27.2  
 265 22.6 15.1 22.7

