

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020723\  
 Data File : BG056572.D  
 Acq On : 7 Feb 2023 18:02  
 Operator : CG/JU  
 Sample : 01462-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3

Quant Time: Feb 08 03:06:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 08 03:02:11 2023  
 Response via : Initial Calibration

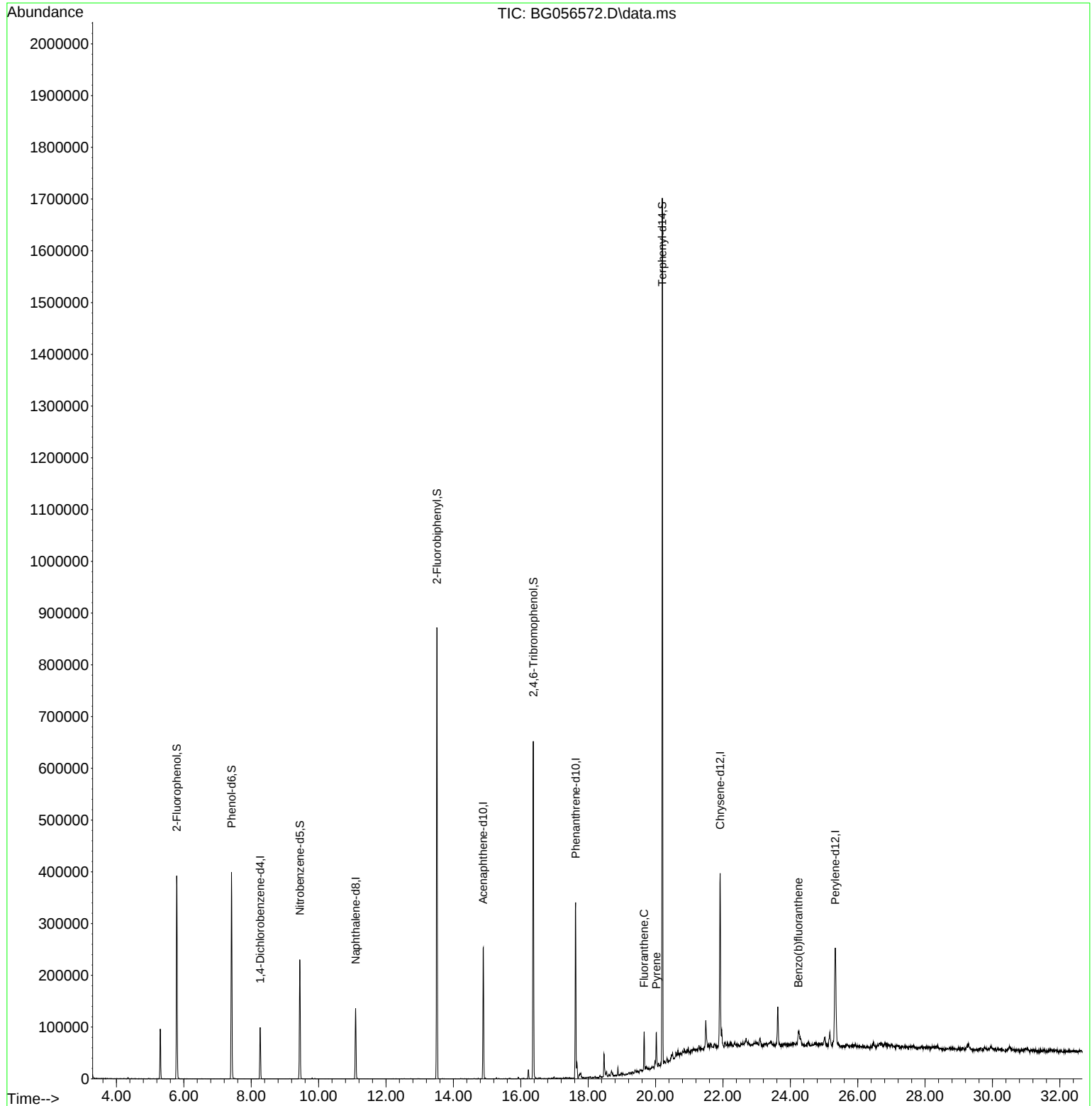
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 8.269  | 152  | 33674    | 20.000  | ng    | 0.00       |
| 21) Naphthalene-d8          | 11.101 | 136  | 129871   | 20.000  | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.885 | 164  | 99380    | 20.000  | ng    | 0.00       |
| 64) Phenanthrene-d10        | 17.629 | 188  | 240947   | 20.000  | ng    | 0.00       |
| 76) Chrysene-d12            | 21.918 | 240  | 217256   | 20.000  | ng    | 0.00       |
| 86) Perylene-d12            | 25.332 | 264  | 235696   | 20.000  | ng    | 0.00       |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.790  | 112  | 226779   | 123.887 | ng    | 0.00       |
| 7) Phenol-d6                | 7.417  | 99   | 311185   | 114.734 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 9.444  | 82   | 163703   | 71.578  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 16.371 | 330  | 146082   | 110.568 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 13.516 | 172  | 526142   | 73.401  | ng    | 0.00       |
| 79) Terphenyl-d14           | 20.202 | 244  | 902039   | 72.924  | ng    | 0.00       |
| Target Compounds            |        |      |          |         |       |            |
| 75) Fluoranthene            | 19.662 | 202  | 50423    | 3.168   | ng    | Qvalue 100 |
| 78) Pyrene                  | 20.026 | 202  | 48384    | 3.131   | ng    | 98         |
| 88) Benzo(b)fluoranthene    | 24.239 | 252  | 33799    | 2.310   | ng    | # 93       |
| -----                       |        |      |          |         |       |            |

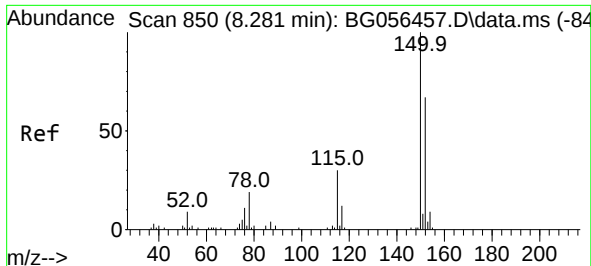
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020723\  
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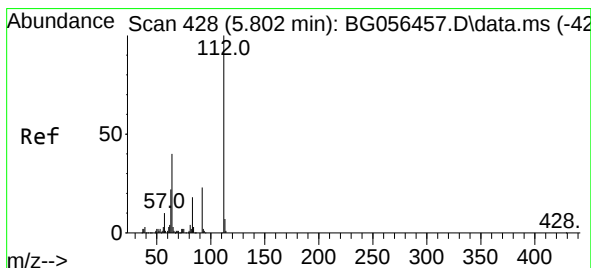
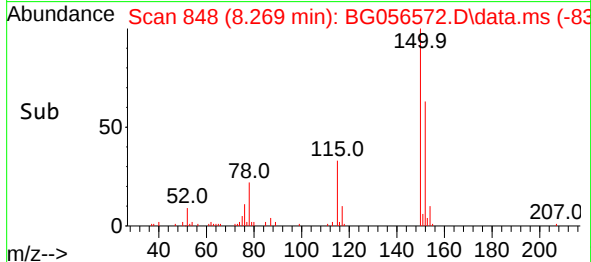
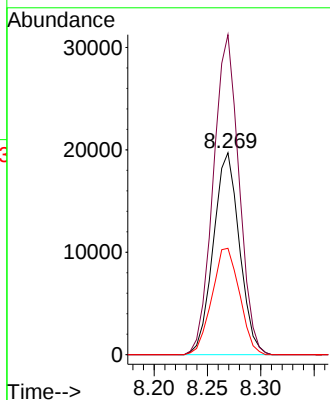
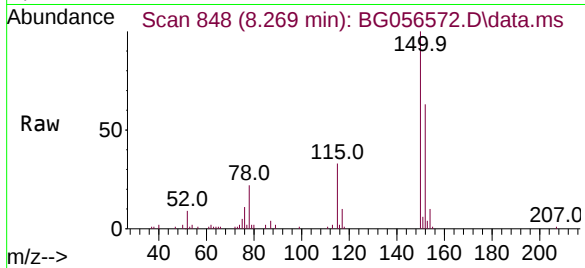




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.269 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BG056572.D  
 Acq: 7 Feb 2023 18:02

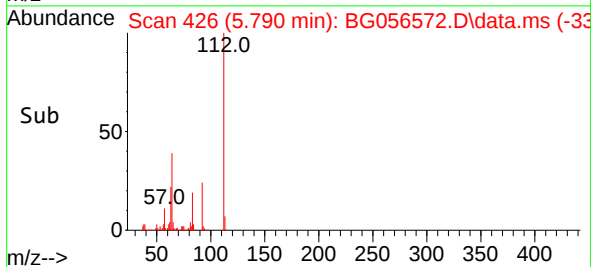
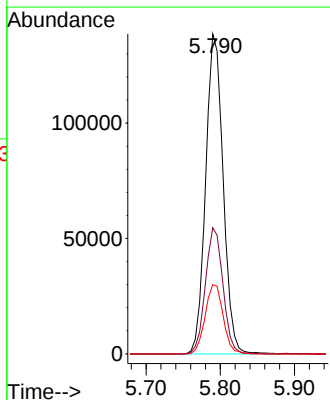
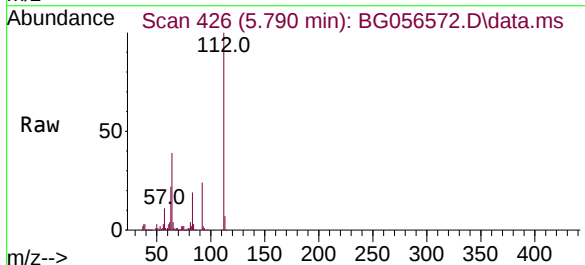
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 ClientSampleId :  
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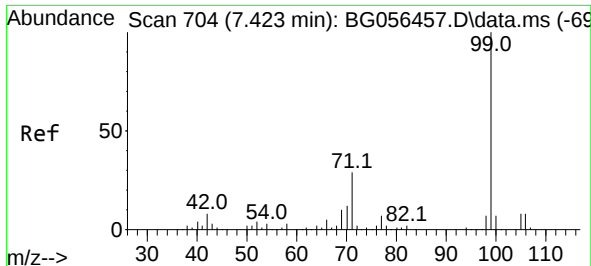
Tgt Ion:152 Resp: 33674  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 120.2 180.4  
 115 52.7 36.3 54.5



#5  
 2-Fluorophenol  
 Concen: 123.887 ng  
 RT: 5.790 min Scan# 426  
 Delta R.T. -0.000 min  
 Lab File: BG056572.D  
 Acq: 7 Feb 2023 18:02

Tgt Ion:112 Resp: 226779  
 Ion Ratio Lower Upper  
 112 100  
 64 39.4 31.9 47.9  
 63 21.6 17.4 26.0

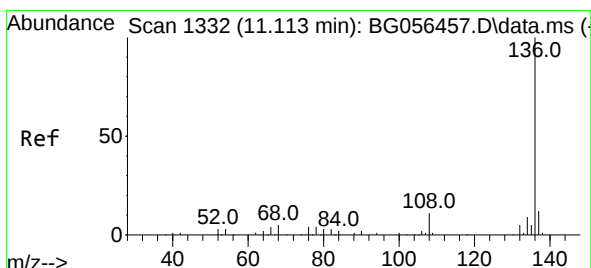
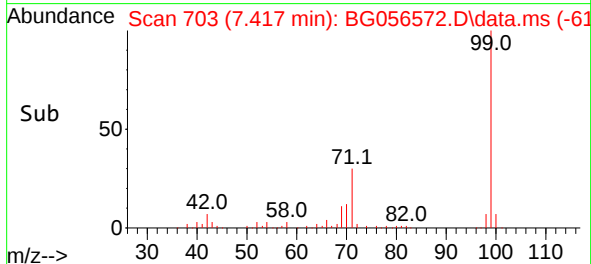
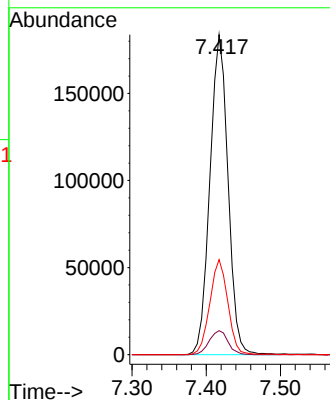
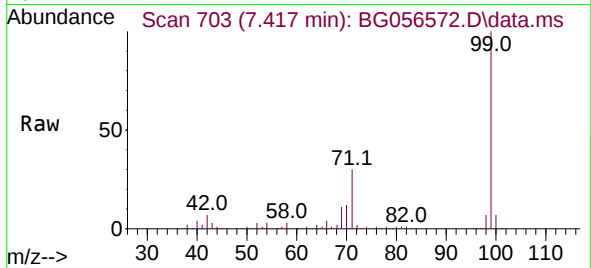




#7  
Phenol-d6  
Concen: 114.734 ng  
RT: 7.417 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BG056572.D  
Acq: 7 Feb 2023 18:02

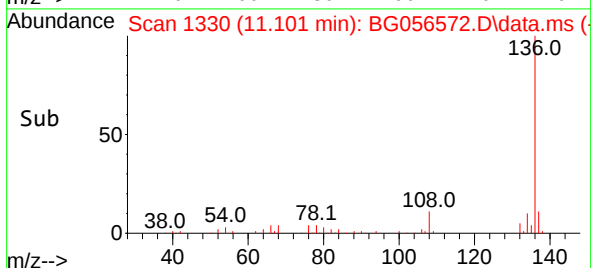
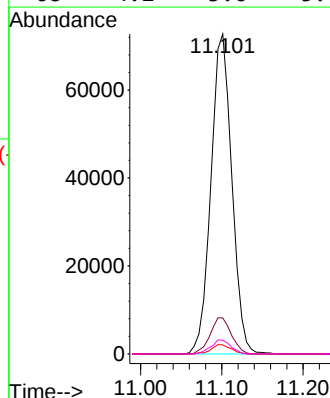
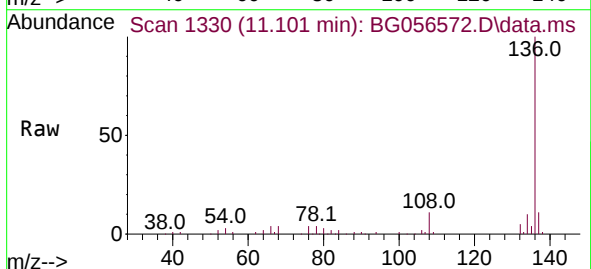
Instrument :  
BNA\_G  
ClientSampleId :  
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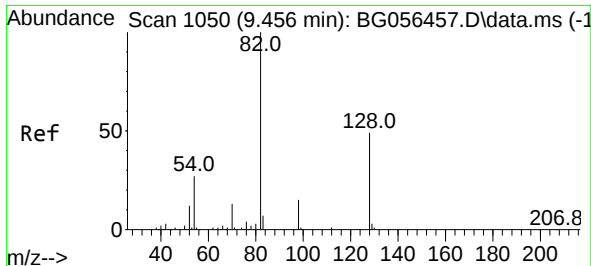
Tgt Ion: 99 Resp: 311185  
Ion Ratio Lower Upper  
99 100  
42 7.5 6.6 10.0  
71 29.7 23.4 35.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.101 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BG056572.D  
Acq: 7 Feb 2023 18:02

Tgt Ion: 136 Resp: 129871  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.4 14.0  
54 2.8 2.2 3.4  
68 4.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 71.578 ng

RT: 9.444 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

Instrument :

BNA\_G

ClientSampleId :

COMP-3

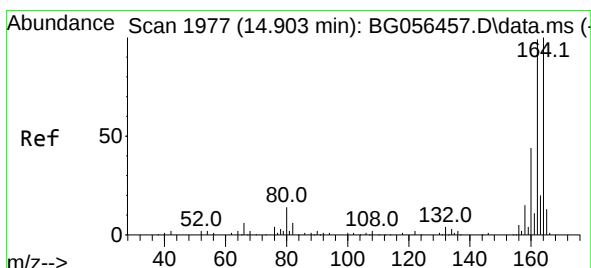
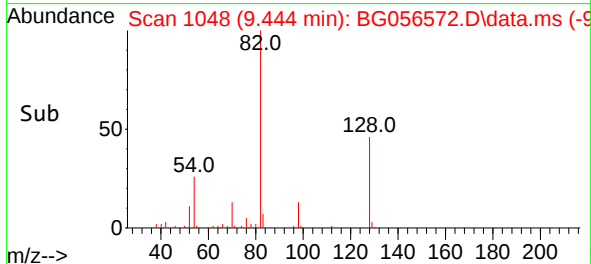
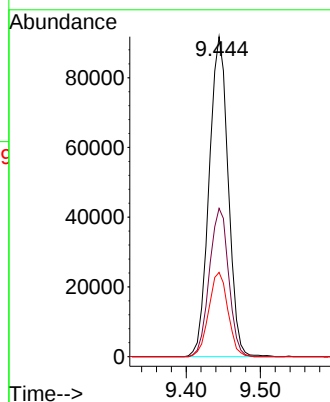
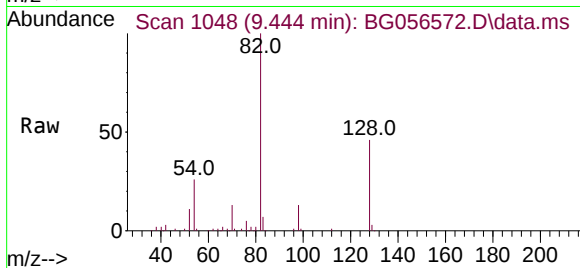
Tgt Ion: 82 Resp: 163703

Ion Ratio Lower Upper

82 100

128 46.3 39.4 59.2

54 26.3 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.885 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

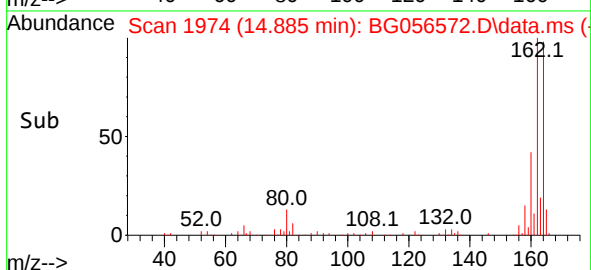
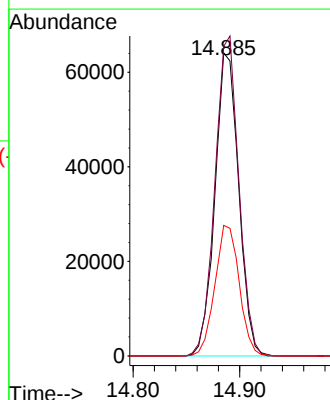
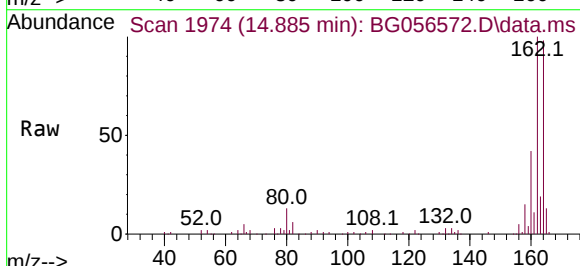
Tgt Ion: 164 Resp: 99380

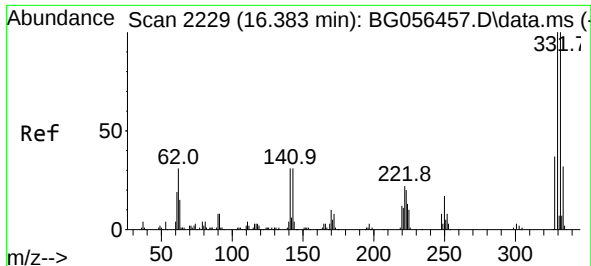
Ion Ratio Lower Upper

164 100

162 102.1 79.6 119.4

160 43.1 34.9 52.3

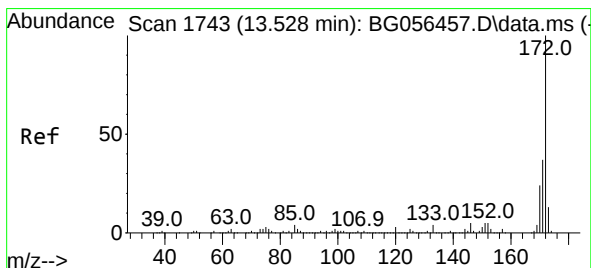
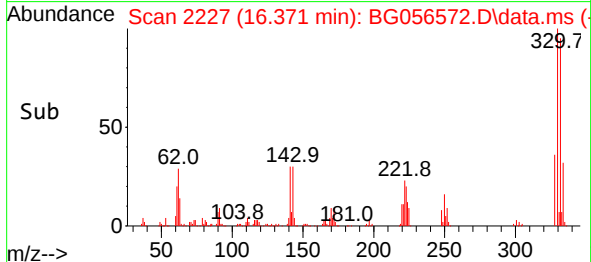
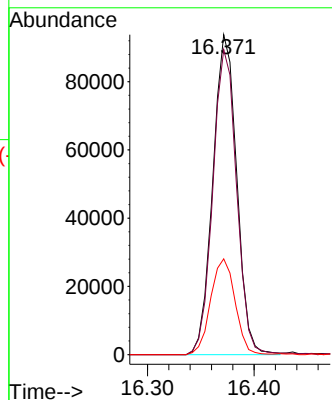
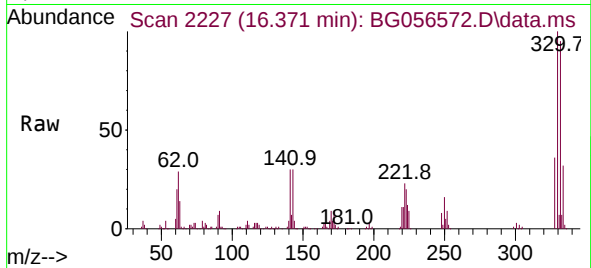




#42  
2,4,6-Tribromophenol  
Concen: 110.568 ng  
RT: 16.371 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG056572.D  
Acq: 7 Feb 2023 18:02

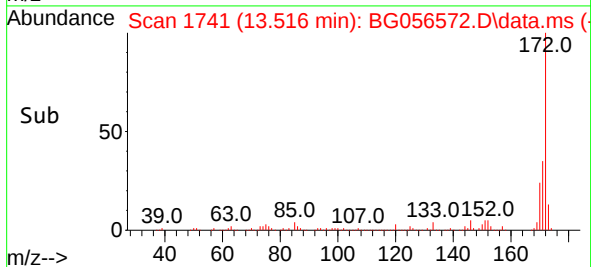
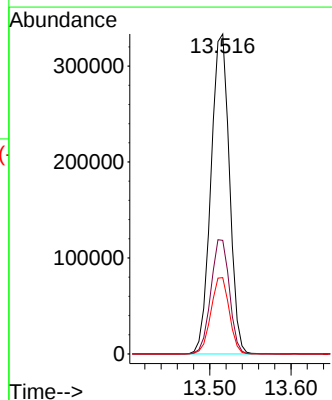
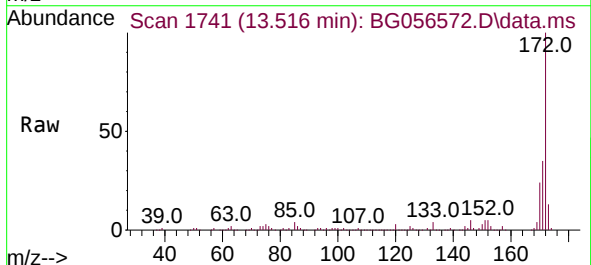
Instrument :  
BNA\_G  
ClientSampleId :  
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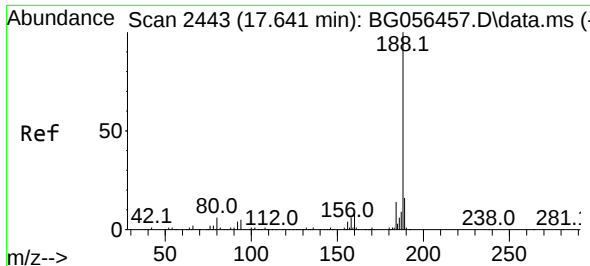
Tgt Ion:330 Resp: 146082  
Ion Ratio Lower Upper  
330 100  
332 95.3 79.0 118.6  
141 30.6 24.2 36.4



#45  
2-Fluorobiphenyl  
Concen: 73.401 ng  
RT: 13.516 min Scan# 1741  
Delta R.T. -0.000 min  
Lab File: BG056572.D  
Acq: 7 Feb 2023 18:02

Tgt Ion:172 Resp: 526142  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.5 44.3  
170 23.8 19.2 28.8

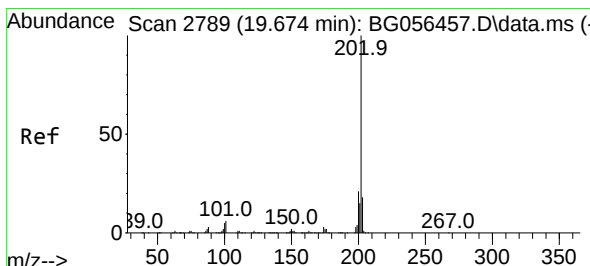
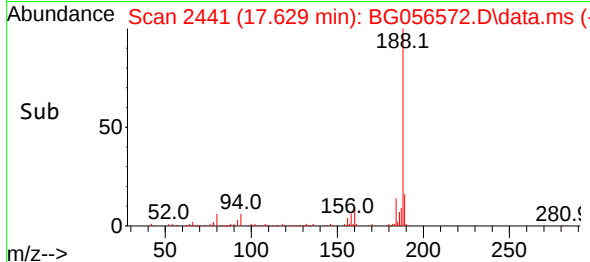
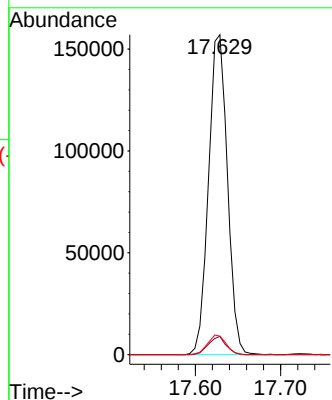
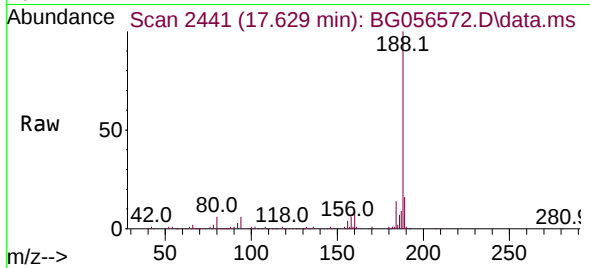




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.629 min Scan# 2443  
Delta R.T. -0.000 min  
Lab File: BG056572.D  
Acq: 7 Feb 2023 18:02

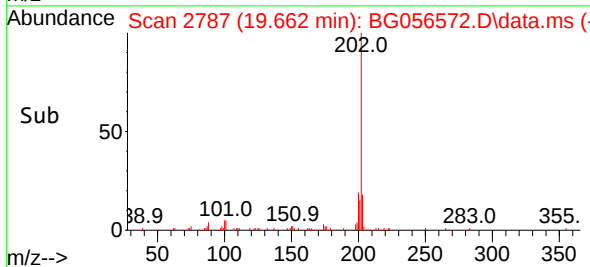
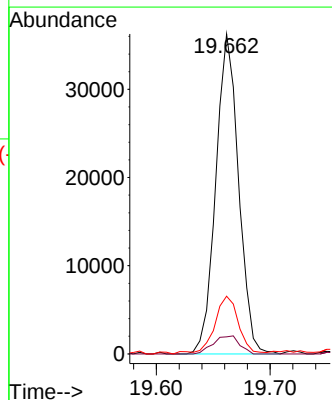
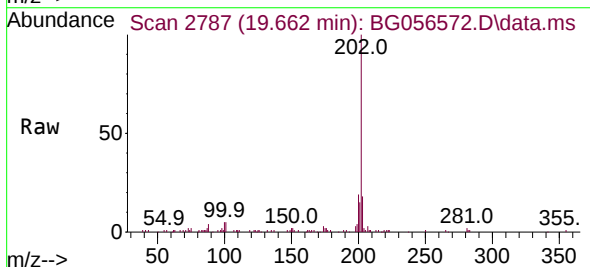
Instrument :  
BNA\_G  
ClientSampleId :  
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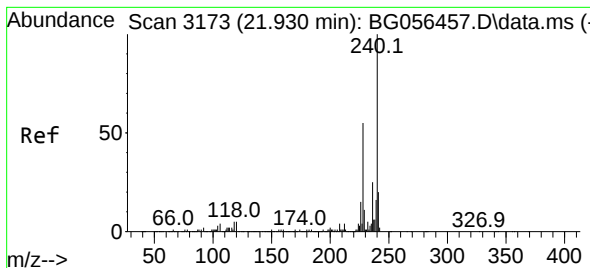
Tgt Ion:188 Resp: 240947  
Ion Ratio Lower Upper  
188 100  
94 5.7 4.1 6.1  
80 5.8 5.0 7.4



#75  
Fluoranthene  
Concen: 3.168 ng  
RT: 19.662 min Scan# 2787  
Delta R.T. -0.006 min  
Lab File: BG056572.D  
Acq: 7 Feb 2023 18:02

Tgt Ion:202 Resp: 50423  
Ion Ratio Lower Upper  
202 100  
101 5.3 0.0 25.6  
203 18.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.918 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

Instrument :

BNA\_G

ClientSampleId :

COMP-3

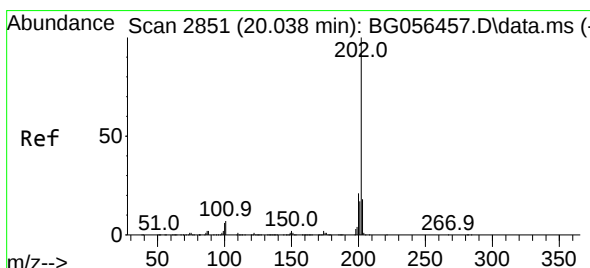
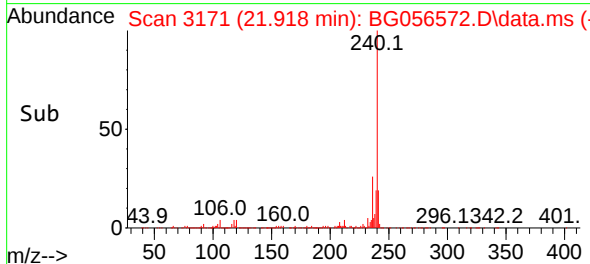
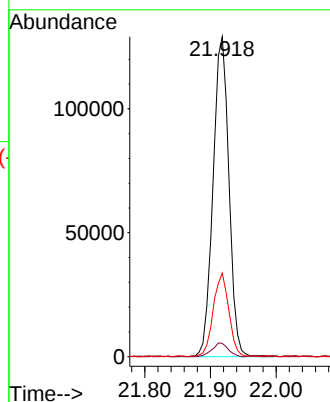
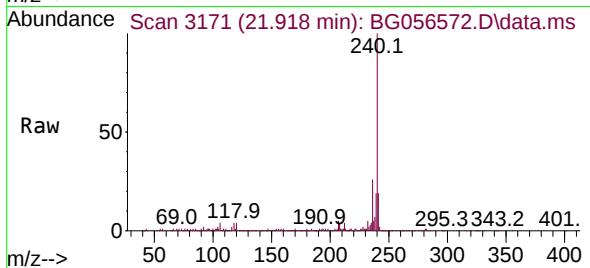
Tgt Ion:240 Resp: 217256

Ion Ratio Lower Upper

240 100

120 4.1 3.8 5.8

236 26.1 20.2 30.2



#78

Pyrene

Concen: 3.131 ng

RT: 20.026 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BG056572.D

Acq: 7 Feb 2023 18:02

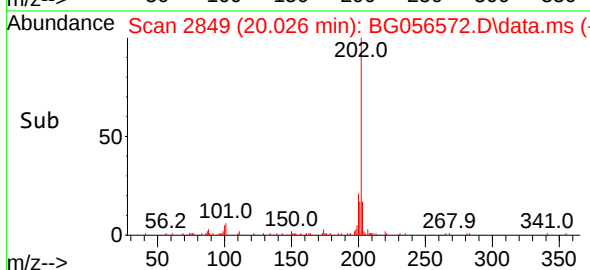
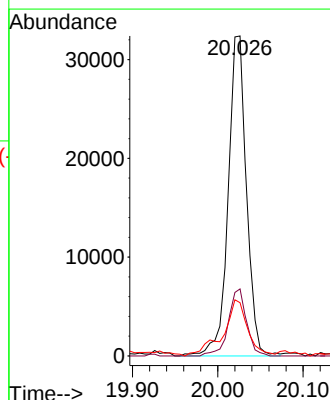
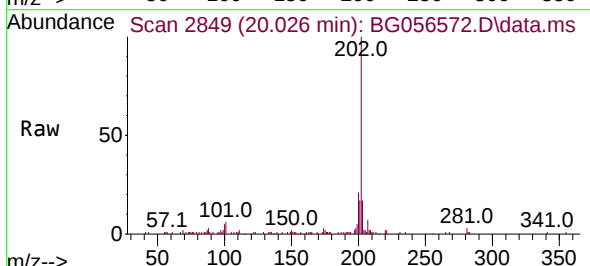
Tgt Ion:202 Resp: 48384

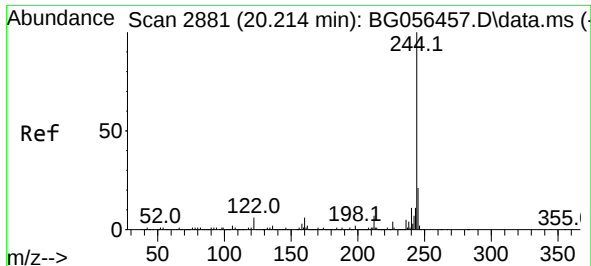
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 16.6 14.4 21.6

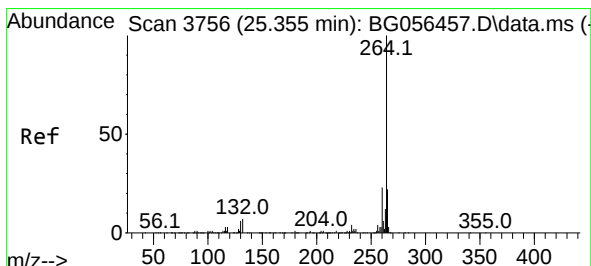
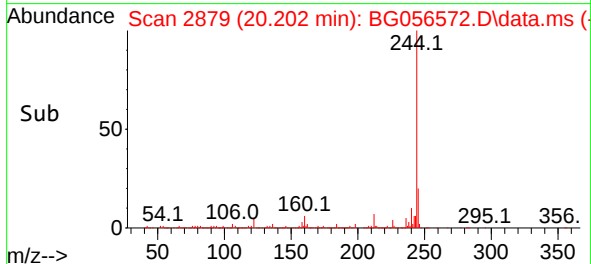
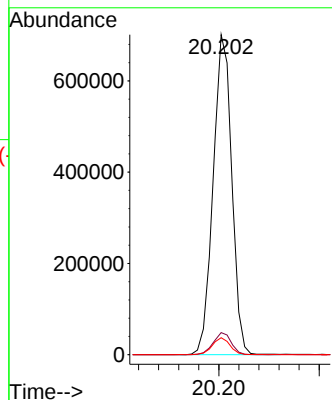
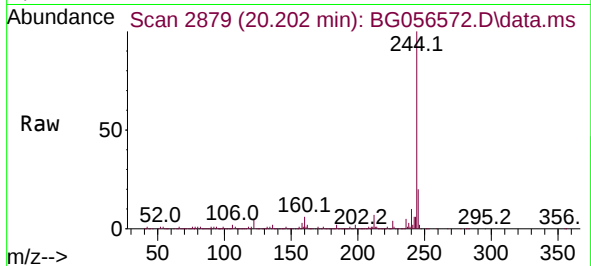




#79  
 Terphenyl-d14  
 Concen: 72.924 ng  
 RT: 20.202 min Scan# 2881  
 Delta R.T. -0.006 min  
 Lab File: BG056572.D  
 Acq: 7 Feb 2023 18:02

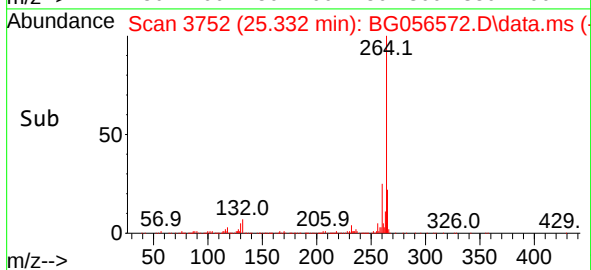
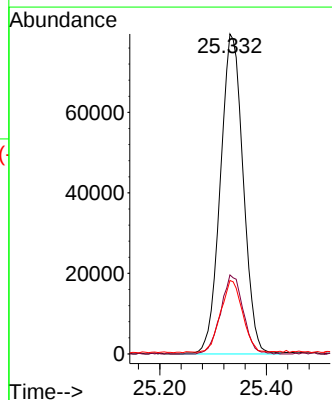
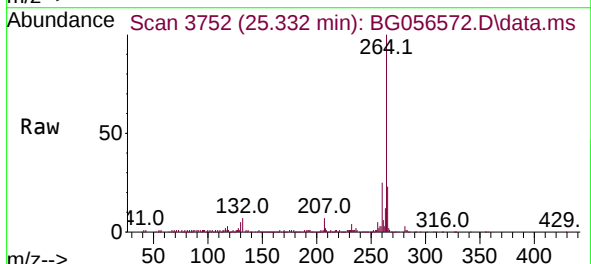
Instrument :  
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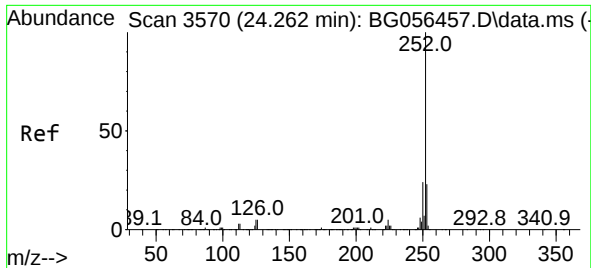
Tgt Ion:244 Resp: 902039  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 5.3 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.332 min Scan# 3752  
 Delta R.T. -0.006 min  
 Lab File: BG056572.D  
 Acq: 7 Feb 2023 18:02

Tgt Ion:264 Resp: 235696  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.2 27.4  
 265 22.9 18.1 27.1





#88  
 Benzo(b)fluoranthene  
 Concen: 2.310 ng  
 RT: 24.239 min Scan# 3566  
 Delta R.T. -0.012 min  
 Lab File: BG056572.D  
 Acq: 7 Feb 2023 18:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:252 Resp: 33799  
 Ion Ratio Lower Upper  
 252 100  
 253 26.2 18.1 27.1  
 125 7.5 3.9 5.9#

