

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080422\  
 Data File : BG054514.D  
 Acq On : 4 Aug 2022 11:27  
 Operator : CG/JU  
 Sample : N3930-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-105

Quant Time: Aug 04 13:44:20 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 28 04:30:50 2022  
 Response via : Initial Calibration

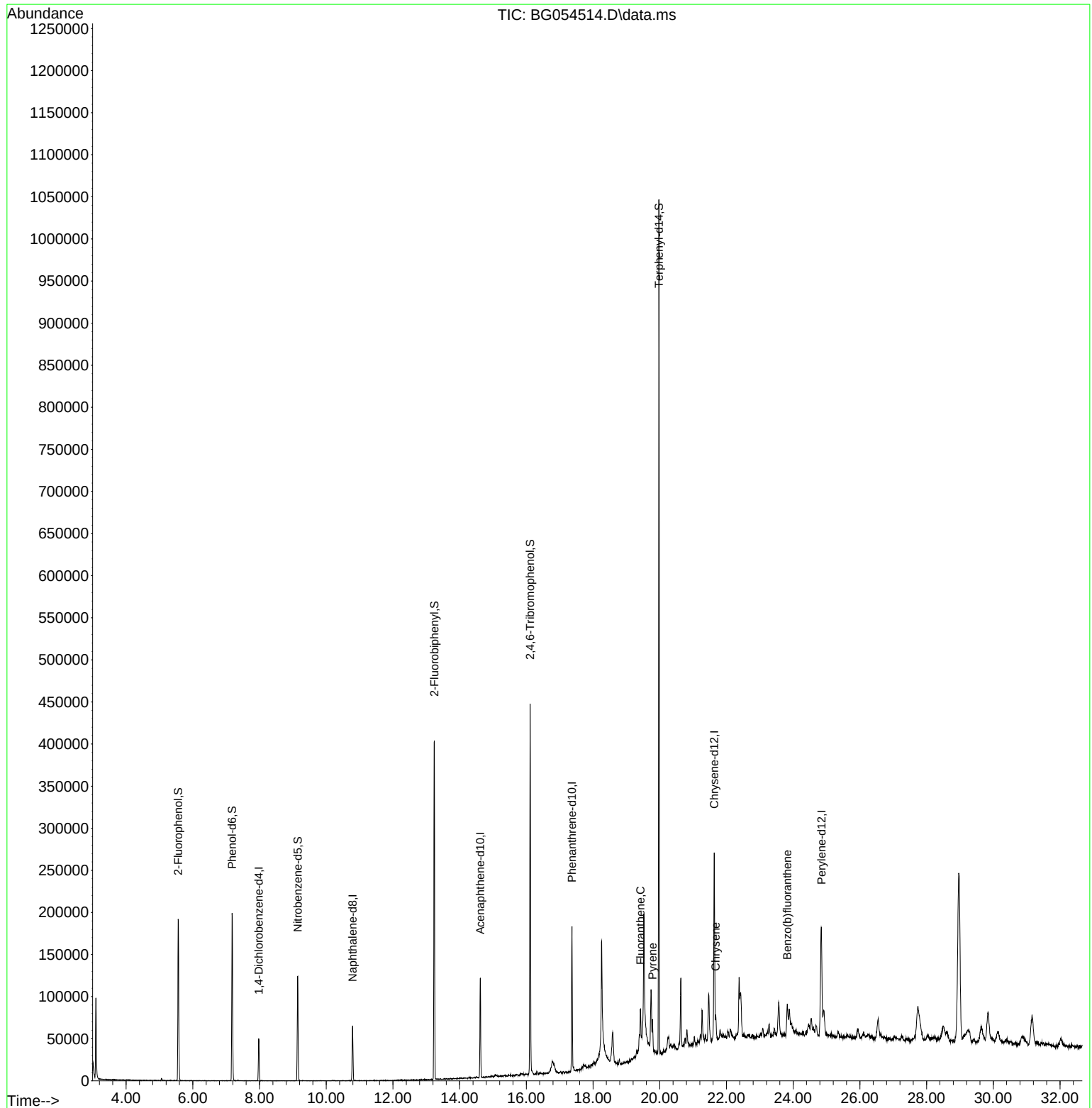
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.977  | 152  | 15956    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.791 | 136  | 59291    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.616 | 164  | 46404    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.366 | 188  | 123706   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.631 | 240  | 149003   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.845 | 264  | 156699   | 20.000  | ng    | 0.01     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.562  | 112  | 89223    | 116.751 | ng    | 0.00     |
| 7) Phenol-d6                | 7.178  | 99   | 118981   | 113.622 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.146  | 82   | 77752    | 71.413  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.114 | 330  | 115311   | 118.351 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.241 | 172  | 233522   | 70.991  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.974 | 244  | 544892   | 72.546  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 75) Fluoranthene            | 19.422 | 202  | 24841    | 2.958   | ng    | 99       |
| 78) Pyrene                  | 19.786 | 202  | 22763    | 2.662   | ng    | 96       |
| 83) Chrysene                | 21.678 | 228  | 27529    | 3.081   | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 23.823 | 252  | 48420    | 5.225   | ng    | # 97     |
| -----                       |        |      |          |         |       |          |

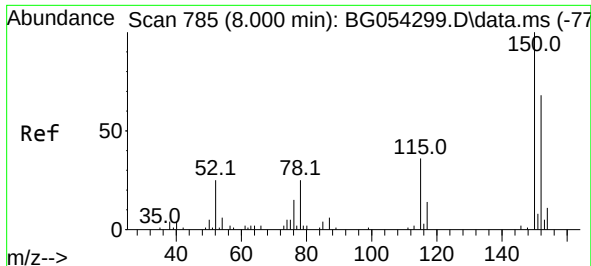
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RVE-105

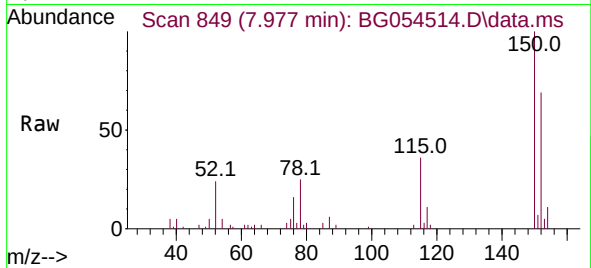
Quant Time: Aug 04 13:44:20 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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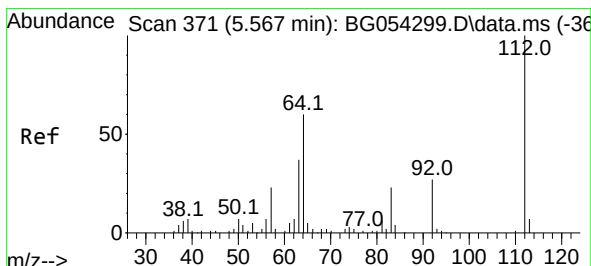
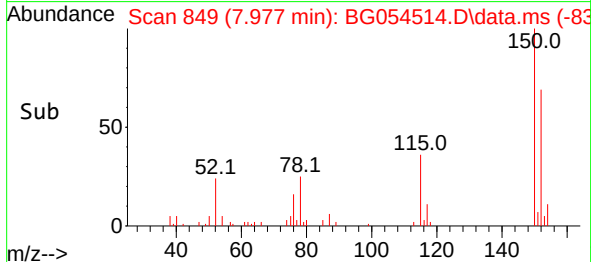
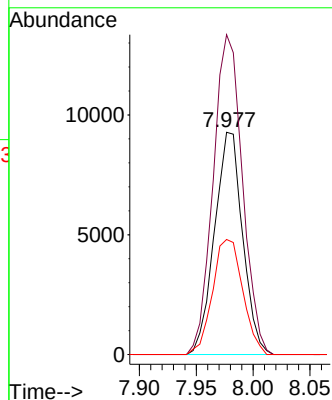


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.977 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

Instrument :  
BNA\_G  
ClientSampleId :  
RVE-105

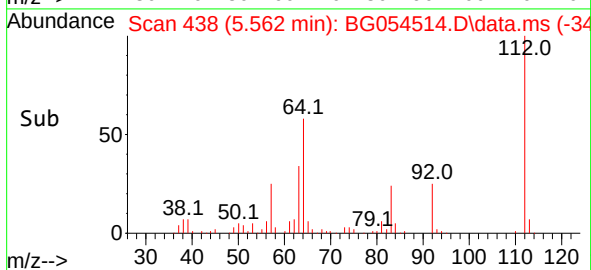
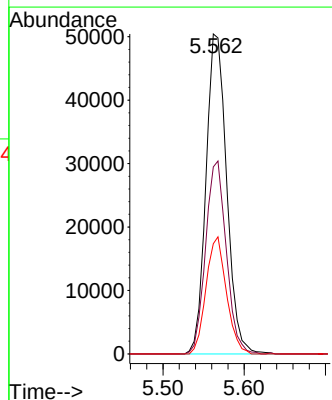
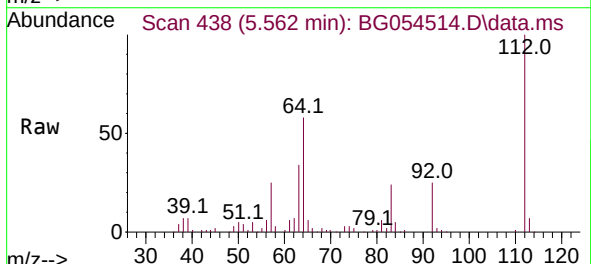


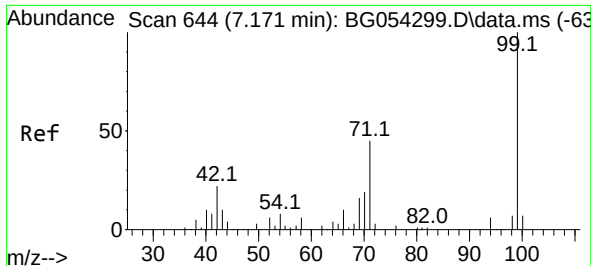
Tgt Ion:152 Resp: 15956  
Ion Ratio Lower Upper  
152 100  
150 143.9 131.6 197.4  
115 51.8 50.9 76.3



#5  
2-Fluorophenol  
Concen: 116.751 ng  
RT: 5.562 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

Tgt Ion:112 Resp: 89223  
Ion Ratio Lower Upper  
112 100  
64 58.4 55.1 82.7  
63 34.4 30.4 45.6

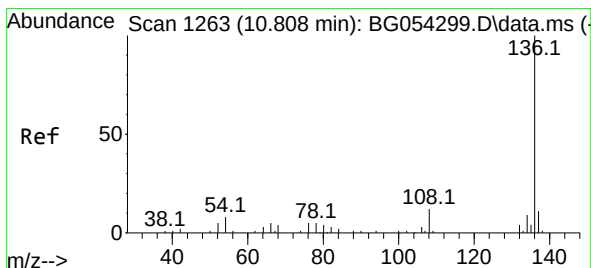
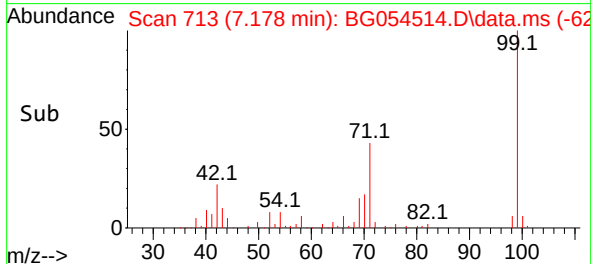
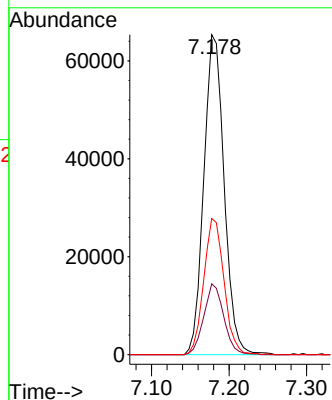
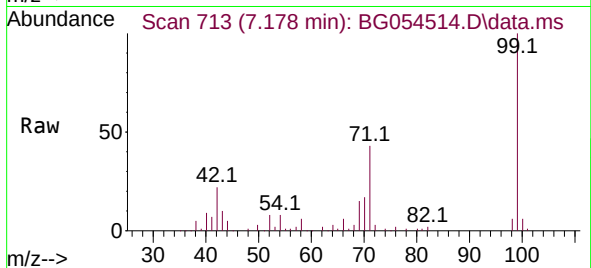




#7  
Phenol-d6  
Concen: 113.622 ng  
RT: 7.178 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

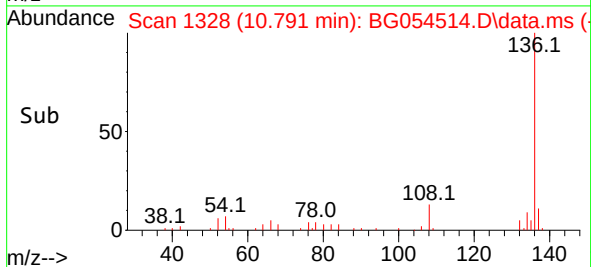
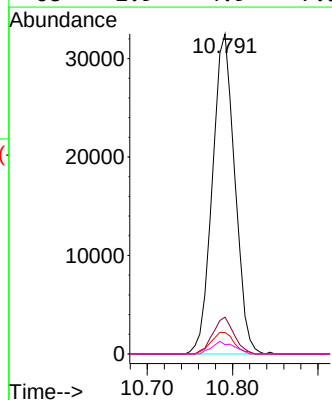
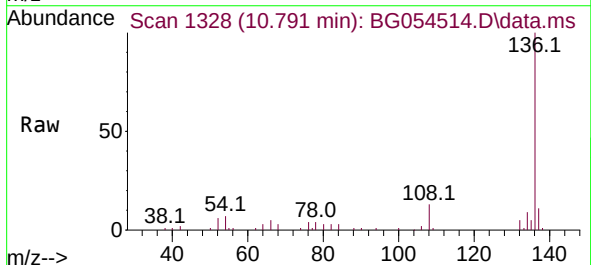
Instrument :  
BNA\_G  
ClientSampleId :  
RVE-105

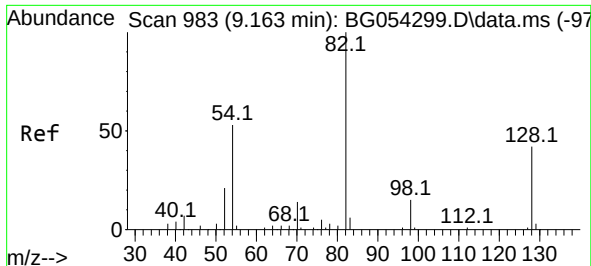
Tgt Ion: 99 Resp: 118981  
Ion Ratio Lower Upper  
99 100  
42 22.1 17.0 25.6  
71 42.5 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.791 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

Tgt Ion:136 Resp: 59291  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.5 12.7  
54 6.7 7.4 11.2#  
68 2.9 4.9 7.3#

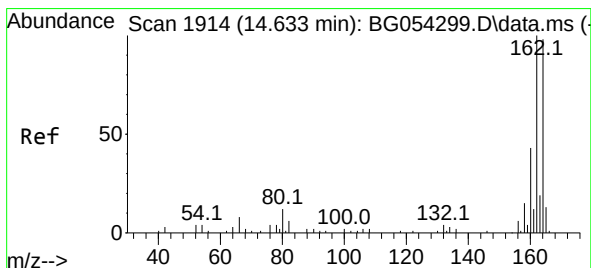
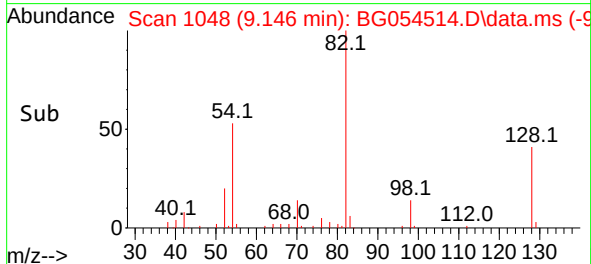
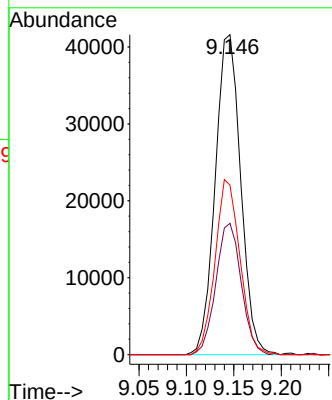
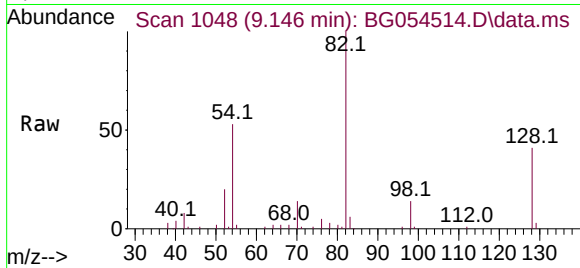




#23  
 Nitrobenzene-d5  
 Concen: 71.413 ng  
 RT: 9.146 min Scan# 1048  
 Delta R.T. -0.006 min  
 Lab File: BG054514.D  
 Acq: 4 Aug 2022 11:27

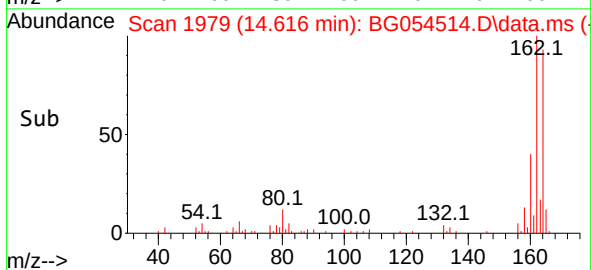
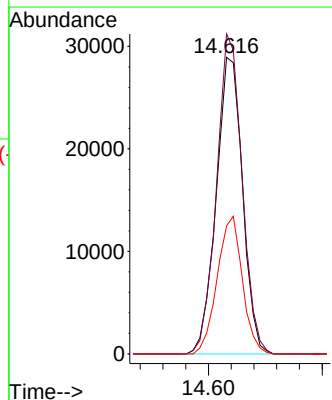
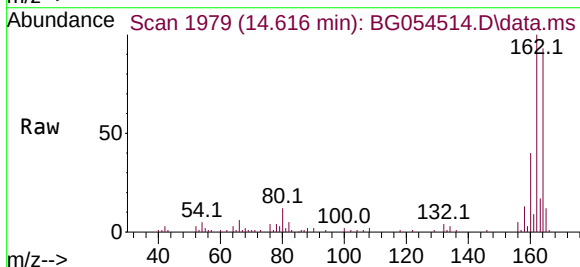
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-105

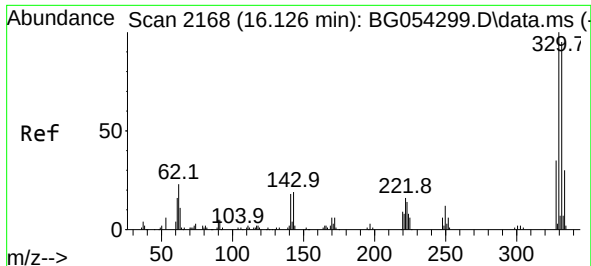
Tgt Ion: 82 Resp: 77752  
 Ion Ratio Lower Upper  
 82 100  
 128 41.0 27.9 41.9  
 54 53.0 41.2 61.8



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.616 min Scan# 1979  
 Delta R.T. -0.006 min  
 Lab File: BG054514.D  
 Acq: 4 Aug 2022 11:27

Tgt Ion:164 Resp: 46404  
 Ion Ratio Lower Upper  
 164 100  
 162 107.9 82.3 123.5  
 160 43.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 118.351 ng

RT: 16.114 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054514.D

Acq: 4 Aug 2022 11:27

Instrument :

BNA\_G

ClientSampleId :

RVE-105

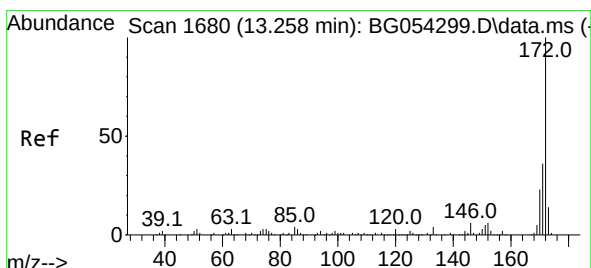
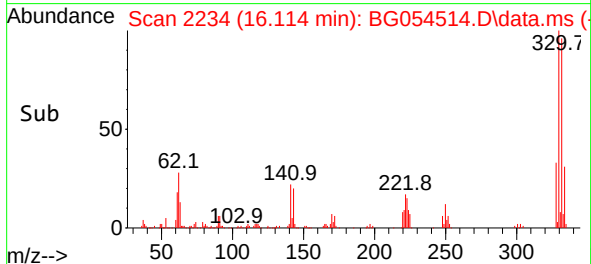
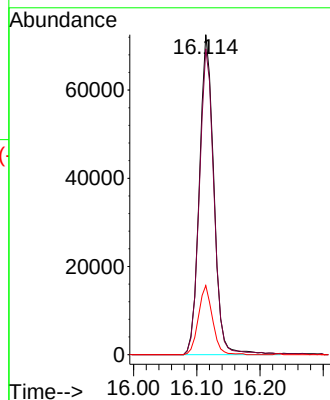
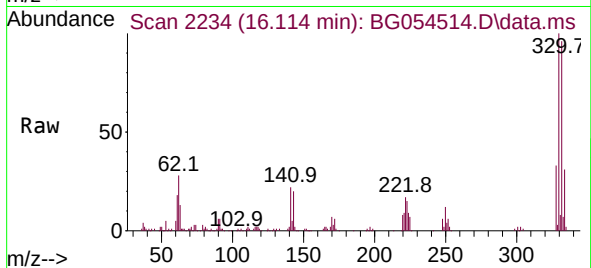
Tgt Ion:330 Resp: 115311

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 21.0 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 70.991 ng

RT: 13.241 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG054514.D

Acq: 4 Aug 2022 11:27

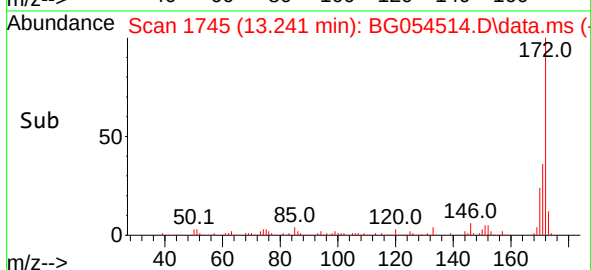
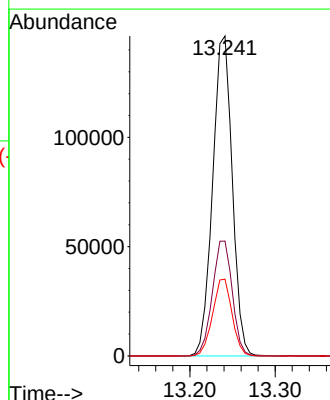
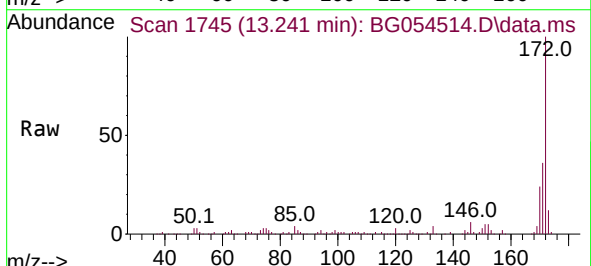
Tgt Ion:172 Resp: 233522

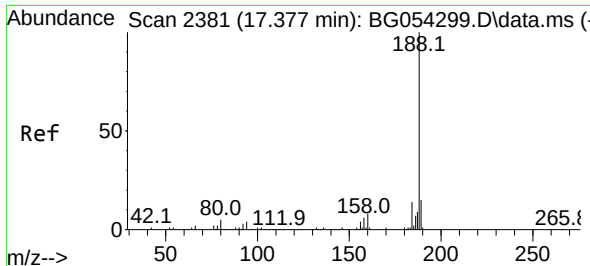
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.0 18.9 28.3

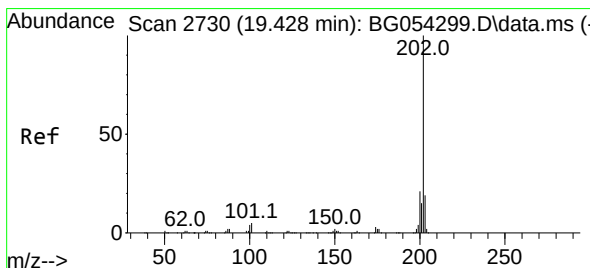
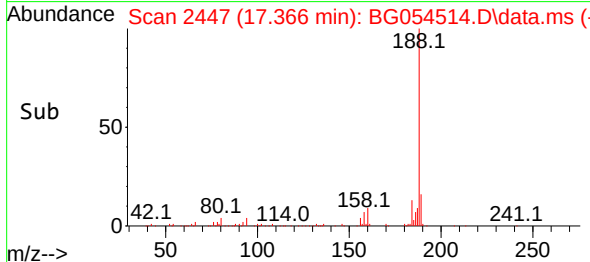
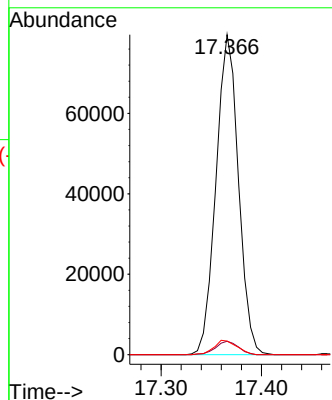
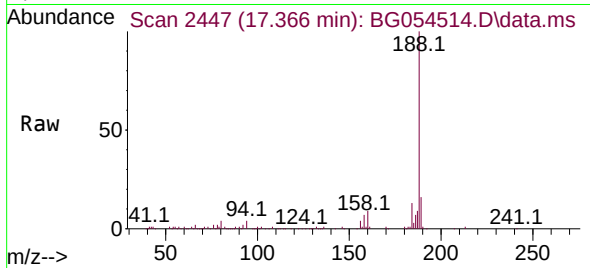




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.366 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

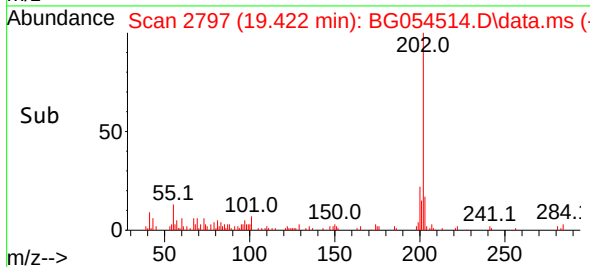
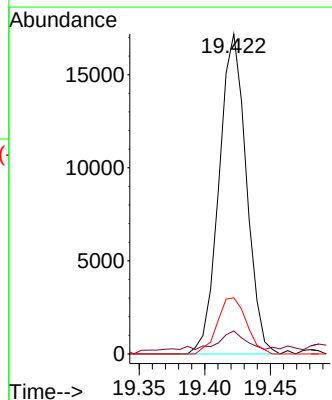
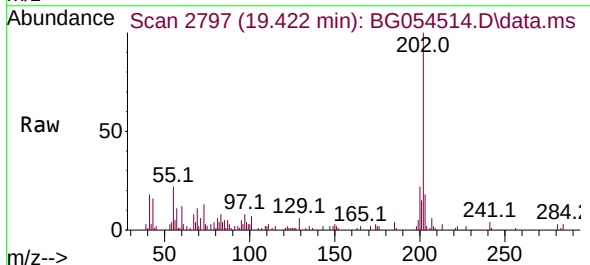
Instrument :  
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ClientSampleId :  
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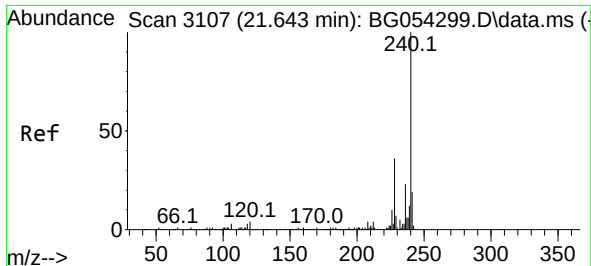
Tgt Ion:188 Resp: 123706  
Ion Ratio Lower Upper  
188 100  
94 4.2 5.4 8.0#  
80 4.2 6.8 10.2#



#75  
Fluoranthene  
Concen: 2.958 ng  
RT: 19.422 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

Tgt Ion:202 Resp: 24841  
Ion Ratio Lower Upper  
202 100  
101 7.2 0.0 26.9  
203 17.5 0.0 37.2

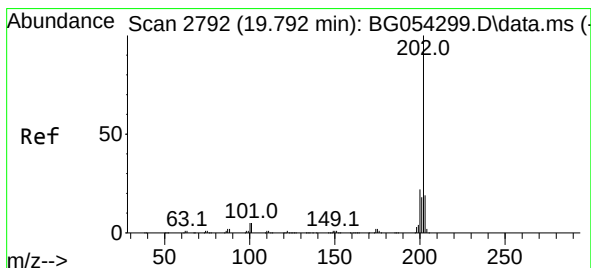
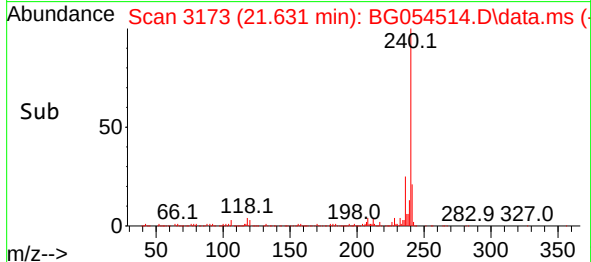
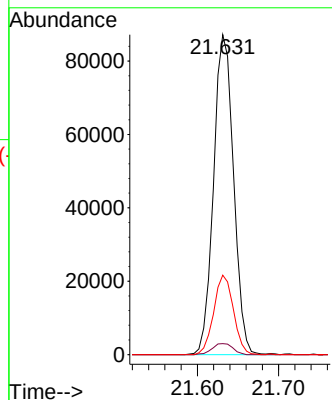
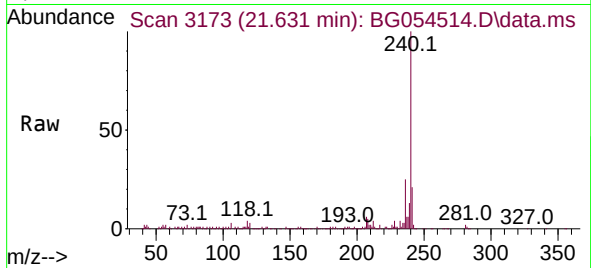




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.631 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

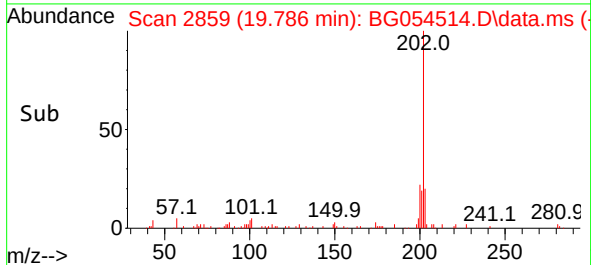
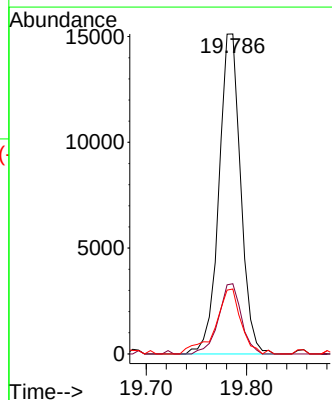
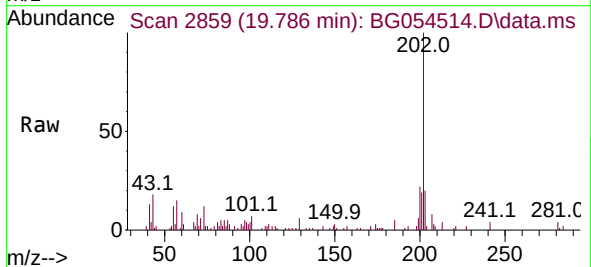
Instrument :  
BNA\_G  
ClientSampleId :  
RVE-105

Tgt Ion:240 Resp: 149003  
Ion Ratio Lower Upper  
240 100  
120 3.5 4.6 7.0#  
236 24.8 20.2 30.4

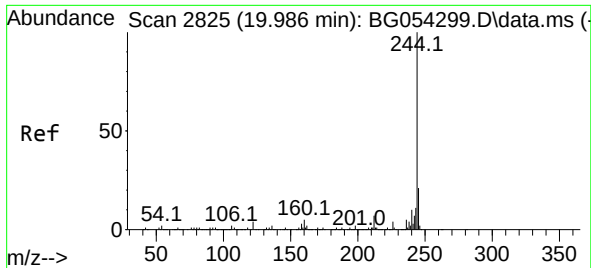


#78  
Pyrene  
Concen: 2.662 ng  
RT: 19.786 min Scan# 2859  
Delta R.T. 0.000 min  
Lab File: BG054514.D  
Acq: 4 Aug 2022 11:27

Tgt Ion:202 Resp: 22763  
Ion Ratio Lower Upper  
202 100  
200 21.9 16.6 24.8  
203 20.3 14.6 21.8



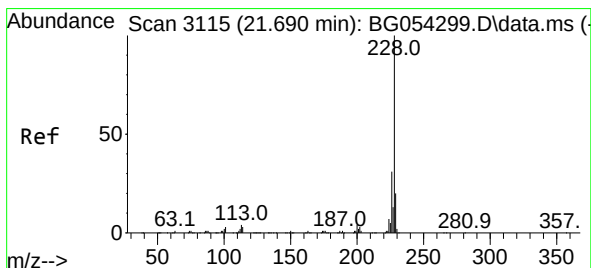
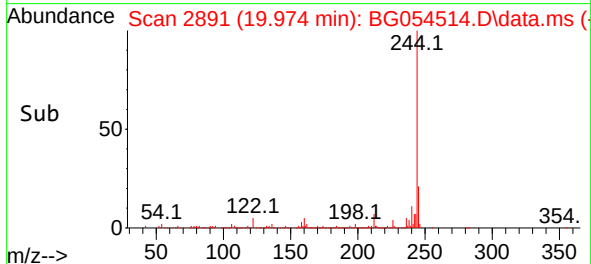
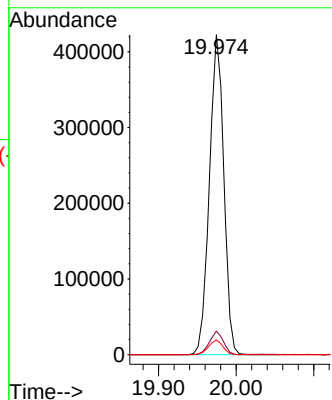
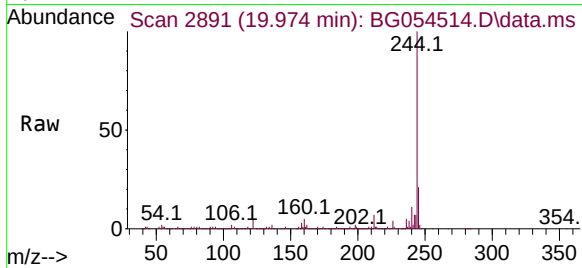




#79  
 Terphenyl-d14  
 Concen: 72.546 ng  
 RT: 19.974 min Scan# 2825  
 Delta R.T. -0.006 min  
 Lab File: BG054514.D  
 Acq: 4 Aug 2022 11:27

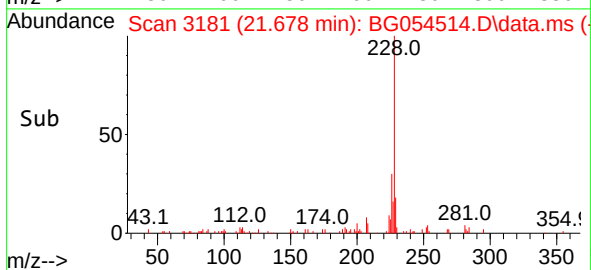
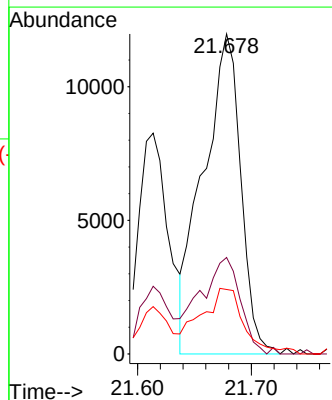
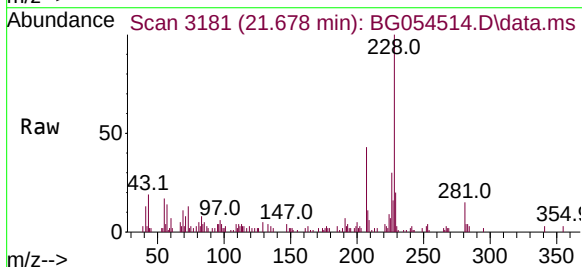
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-105

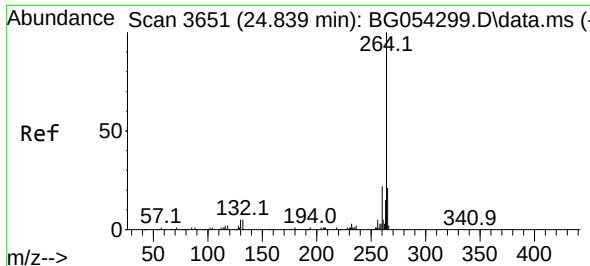
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 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 4.6 5.0 7.4#



#83  
 Chrysene  
 Concen: 3.081 ng  
 RT: 21.678 min Scan# 3181  
 Delta R.T. -0.006 min  
 Lab File: BG054514.D  
 Acq: 4 Aug 2022 11:27

Tgt Ion:228 Resp: 27529  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 23.4 35.2  
 229 20.1 15.5 23.3

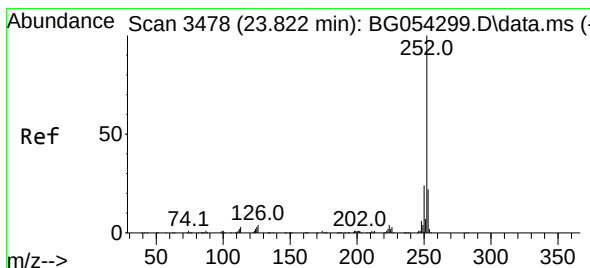
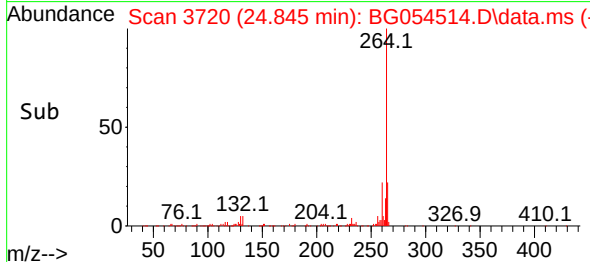
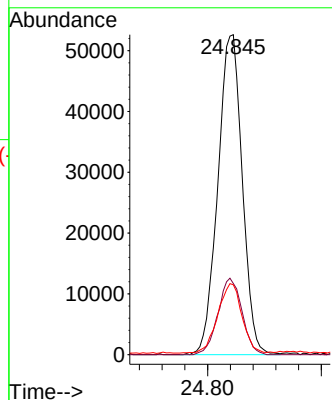
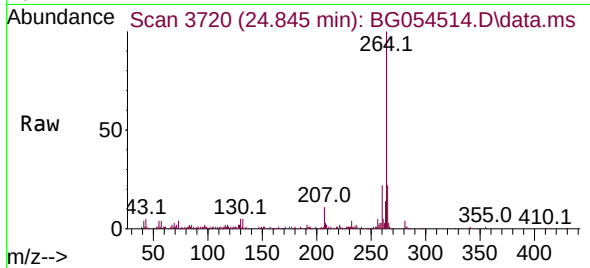




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.845 min Scan# 31  
 Delta R.T. 0.012 min  
 Lab File: BG054514.D  
 Acq: 4 Aug 2022 11:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-105

Tgt Ion:264 Resp: 156699  
 Ion Ratio Lower Upper  
 264 100  
 260 22.2 19.0 28.6  
 265 21.8 17.4 26.2



#88  
 Benzo(b)fluoranthene  
 Concen: 5.225 ng  
 RT: 23.823 min Scan# 3546  
 Delta R.T. 0.000 min  
 Lab File: BG054514.D  
 Acq: 4 Aug 2022 11:27

Tgt Ion:252 Resp: 48420  
 Ion Ratio Lower Upper  
 252 100  
 253 24.1 18.0 27.0  
 125 7.0 4.6 6.8#

