

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090622\  
 Data File : BG054864.D  
 Acq On : 6 Sep 2022 23:30  
 Operator : CG/JU  
 Sample : N4495-01 10X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-345

Quant Time: Sep 07 05:02:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

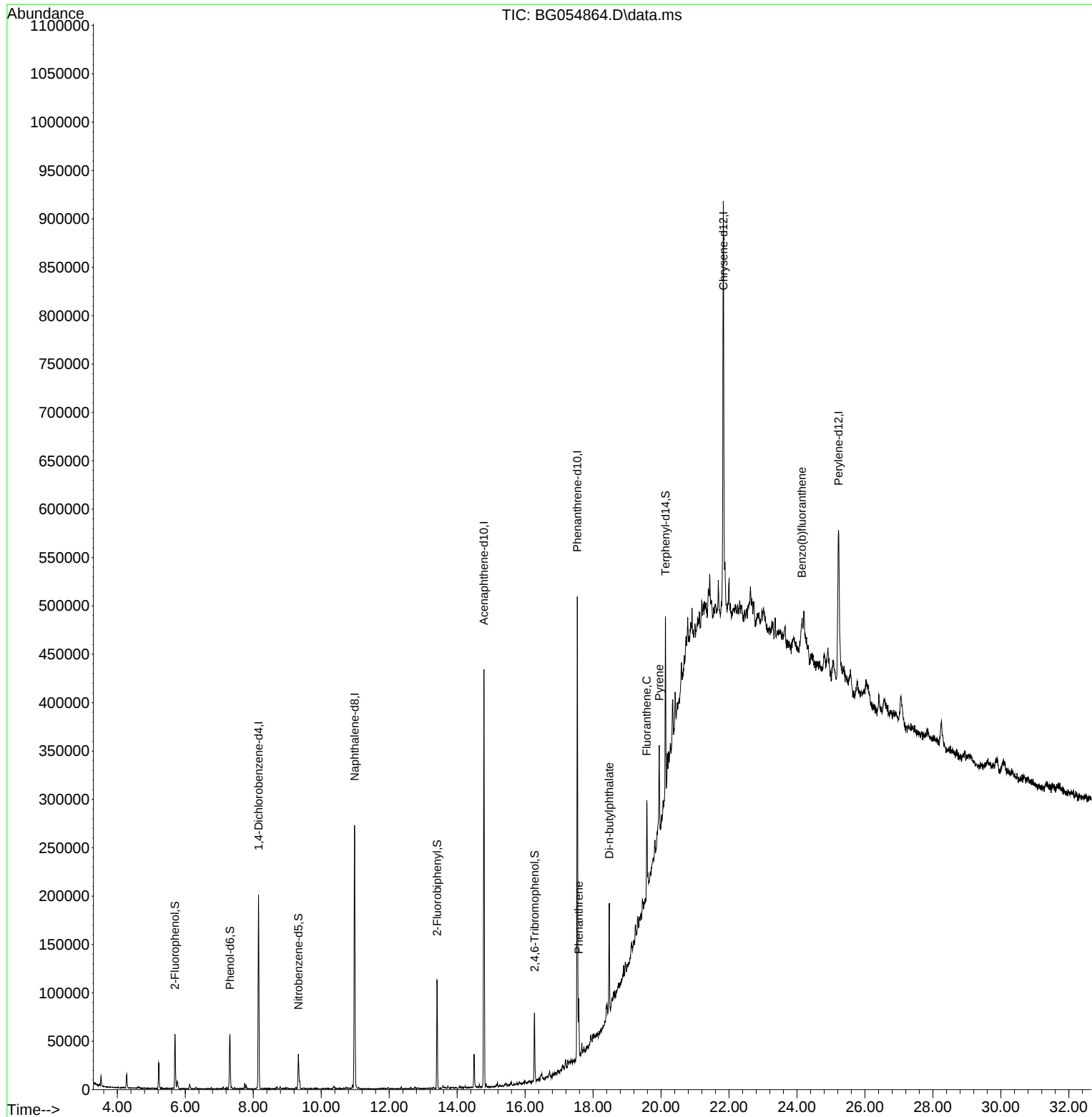
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.153  | 152  | 62758    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.979 | 136  | 248868   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.786 | 164  | 155691   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.536 | 188  | 310920   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.831 | 240  | 279139   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.221 | 264  | 211708   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.697  | 112  | 29103    | 8.075  | ng    | 0.01     |
| 7) Phenol-d6                | 7.312  | 99   | 39493    | 8.013  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 9.328  | 82   | 23218    | 4.898  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.278 | 330  | 15838    | 8.141  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.411 | 172  | 61864    | 5.972  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.133 | 244  | 86723    | 6.156  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 17.577 | 178  | 37537    | 2.266  | ng    | 97       |
| 74) Di-n-butylphthalate     | 18.476 | 149  | 84746    | 4.514  | ng    | 97       |
| 75) Fluoranthene            | 19.580 | 202  | 64449    | 3.199  | ng    | 99       |
| 78) Pyrene                  | 19.945 | 202  | 57676    | 2.963  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 24.146 | 252  | 38169    | 2.874  | ng    | # 56     |
| -----                       |        |      |          |        |       |          |

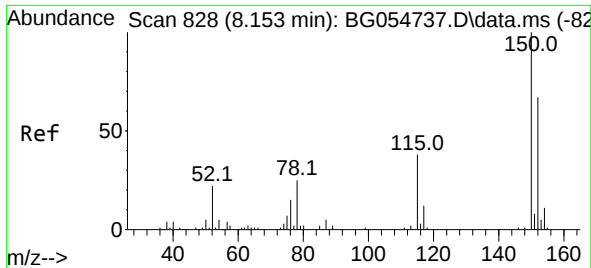
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090622\  
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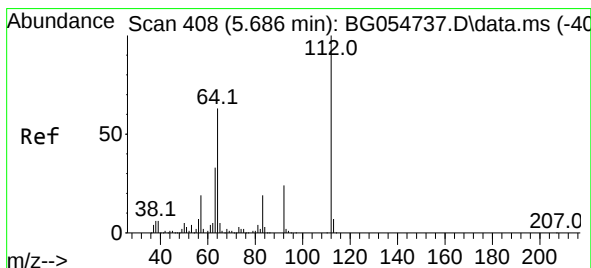
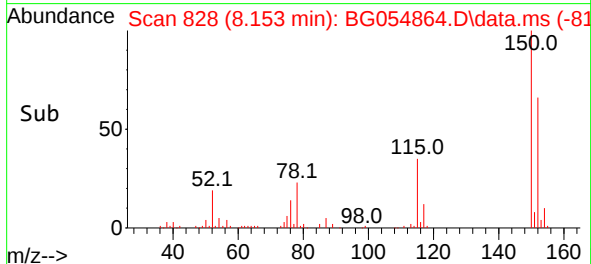
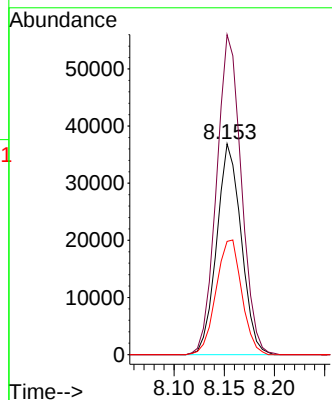
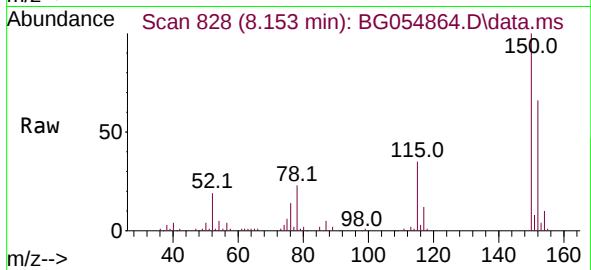




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.153 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

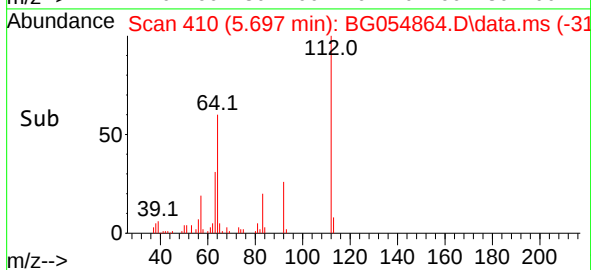
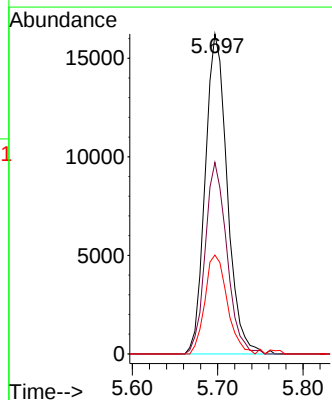
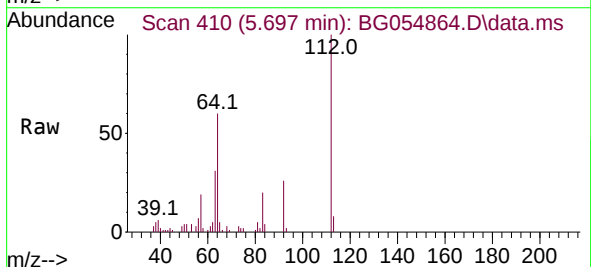
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-345

Tgt Ion:152 Resp: 62758  
Ion Ratio Lower Upper  
152 100  
150 151.9 125.2 187.8  
115 53.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 8.075 ng  
RT: 5.697 min Scan# 410  
Delta R.T. 0.011 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

Tgt Ion:112 Resp: 29103  
Ion Ratio Lower Upper  
112 100  
64 59.8 49.3 73.9  
63 30.9 26.3 39.5

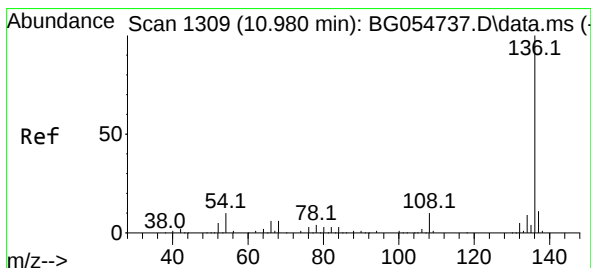
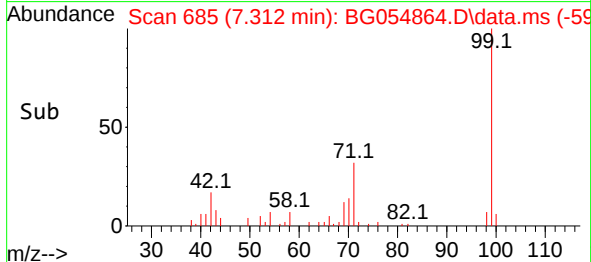
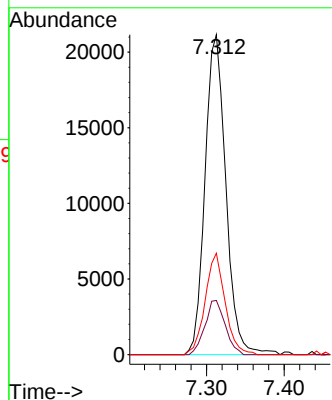
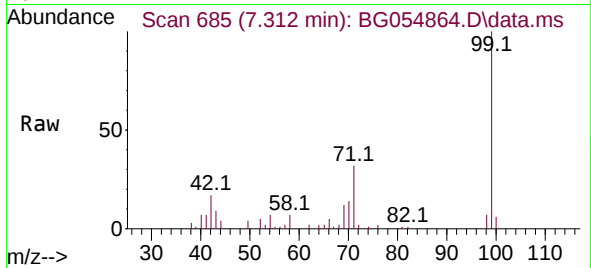




#7  
Phenol-d6  
Concen: 8.013 ng  
RT: 7.312 min Scan# 685  
Delta R.T. 0.017 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

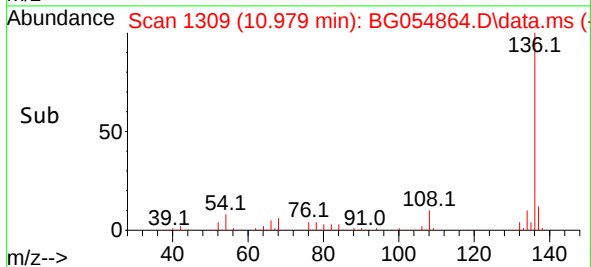
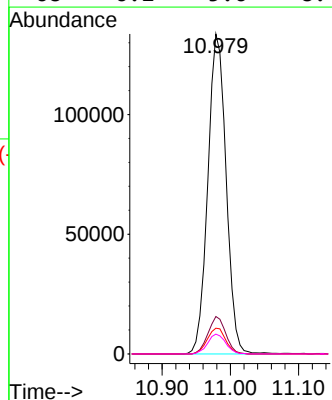
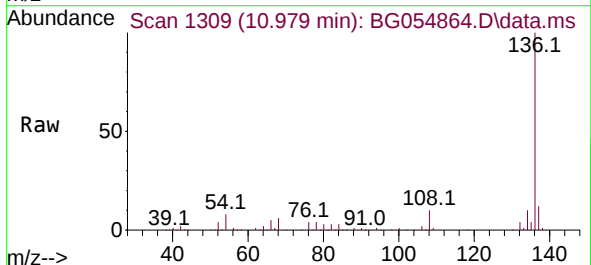
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-345

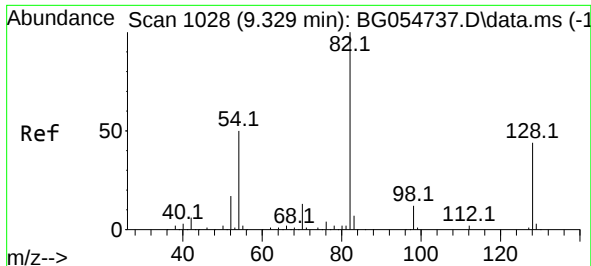
Tgt Ion: 99 Resp: 39493  
Ion Ratio Lower Upper  
99 100  
42 16.9 14.6 22.0  
71 31.7 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.979 min Scan# 1309  
Delta R.T. -0.001 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

Tgt Ion:136 Resp: 248868  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.2 13.8  
54 8.0 7.7 11.5  
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 4.898 ng

RT: 9.328 min Scan# 1028

Delta R.T. -0.001 min

Lab File: BG054864.D

Acq: 6 Sep 2022 23:30

Instrument :

BNA\_G

ClientSampleId :

ETGI-345

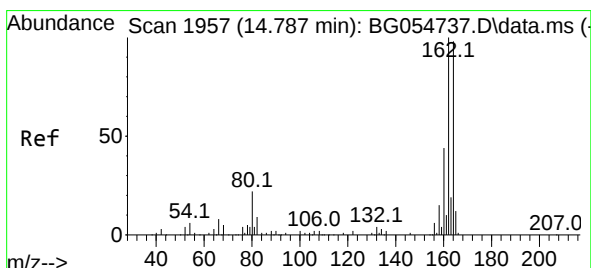
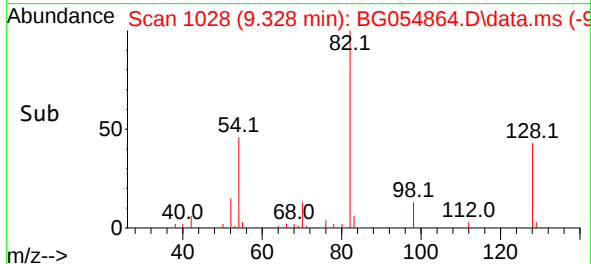
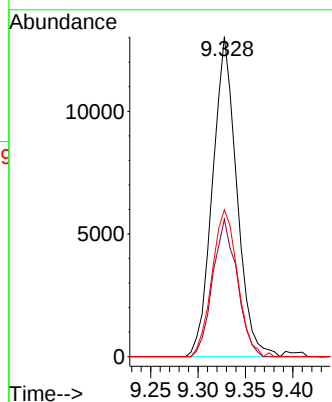
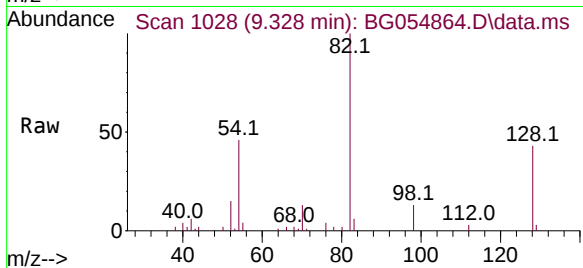
Tgt Ion: 82 Resp: 23218

Ion Ratio Lower Upper

82 100

128 42.9 32.2 48.2

54 45.9 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.786 min Scan# 1957

Delta R.T. -0.001 min

Lab File: BG054864.D

Acq: 6 Sep 2022 23:30

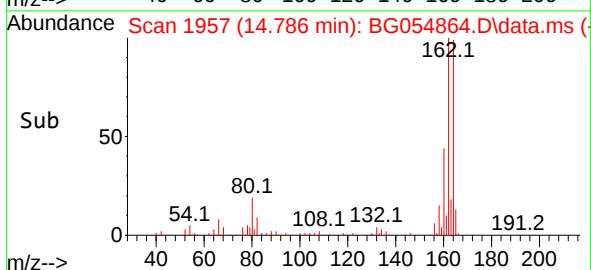
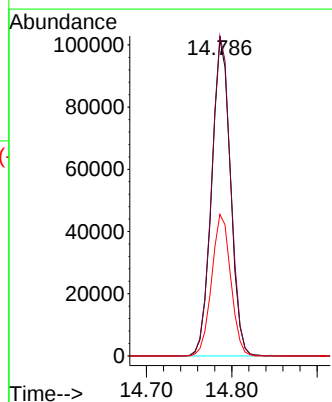
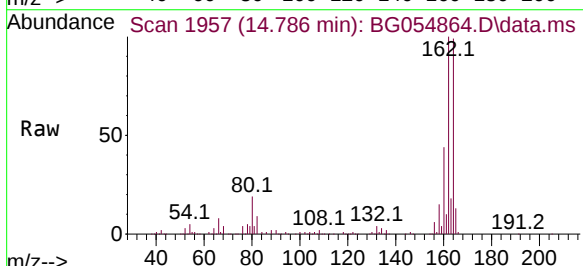
Tgt Ion: 164 Resp: 155691

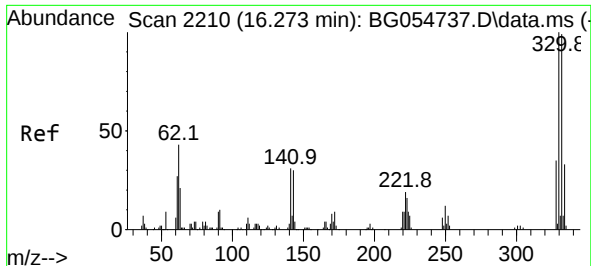
Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.4

160 44.8 38.0 57.0

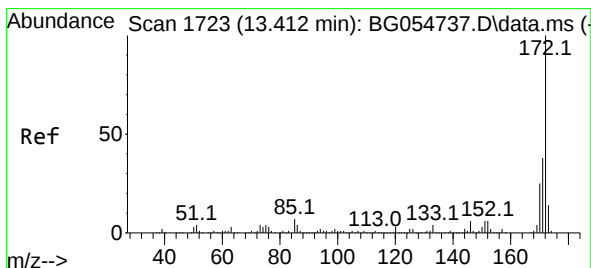
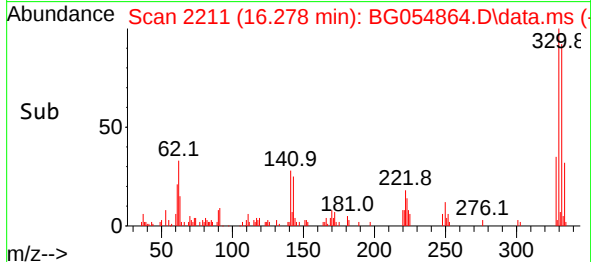
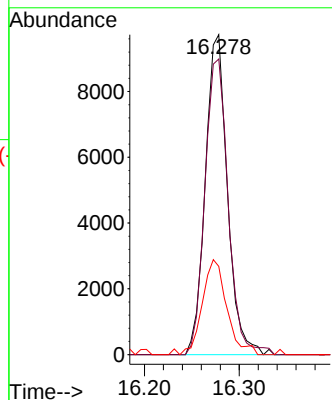
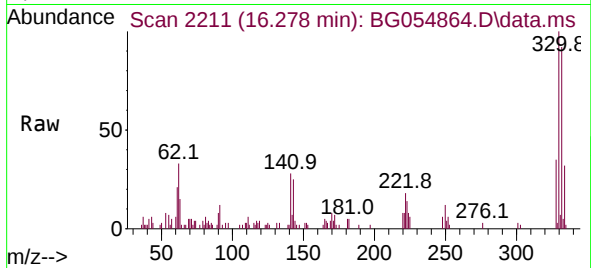




#42  
2,4,6-Tribromophenol  
Concen: 8.141 ng  
RT: 16.278 min Scan# 2210  
Delta R.T. 0.005 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

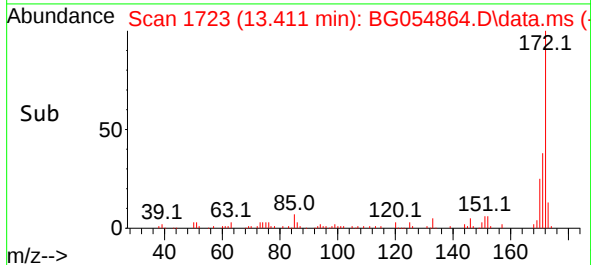
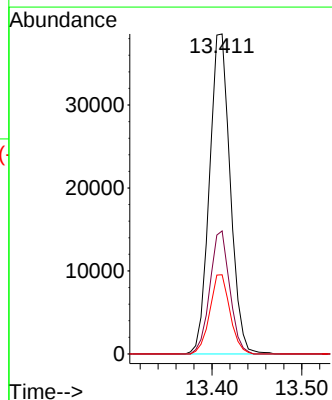
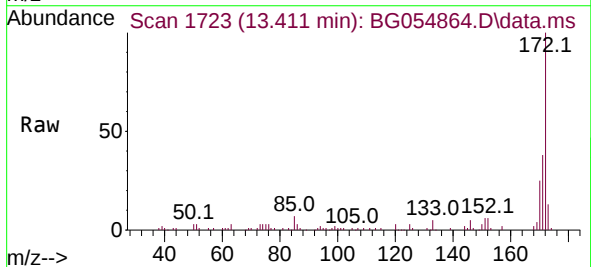
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-345

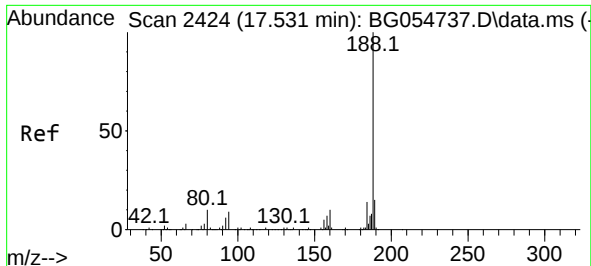
Tgt Ion:330 Resp: 15838  
Ion Ratio Lower Upper  
330 100  
332 97.0 79.8 119.6  
141 32.9 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 5.972 ng  
RT: 13.411 min Scan# 1723  
Delta R.T. -0.001 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

Tgt Ion:172 Resp: 61864  
Ion Ratio Lower Upper  
172 100  
171 38.4 31.2 46.8  
170 24.7 20.6 30.8

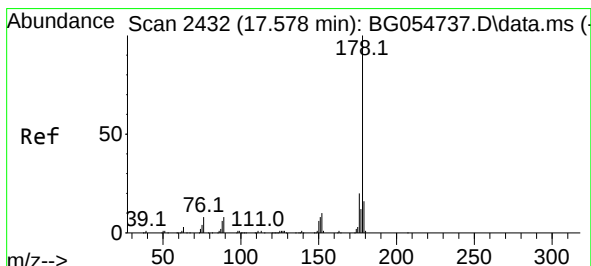
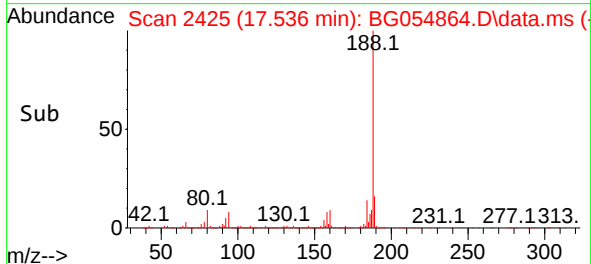
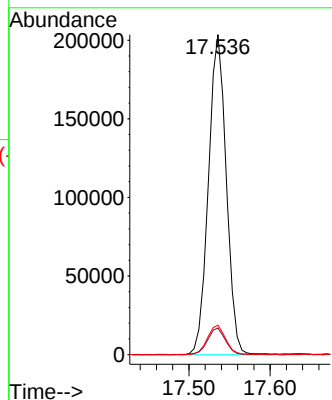
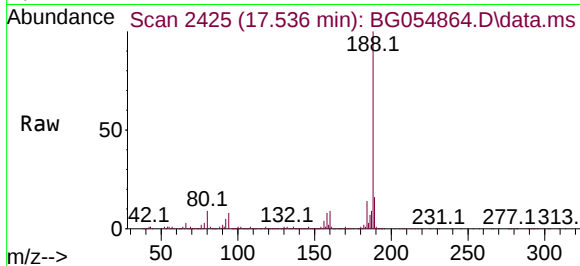




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.536 min Scan# 24  
Delta R.T. 0.005 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

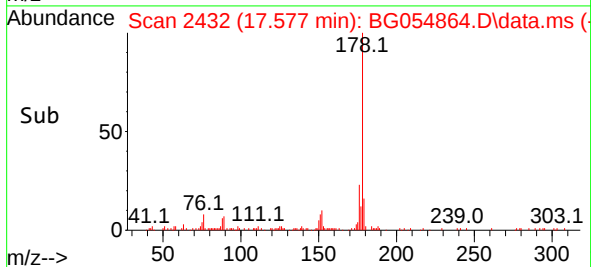
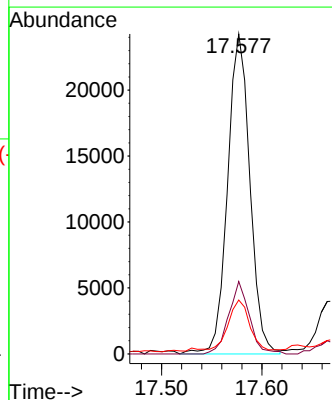
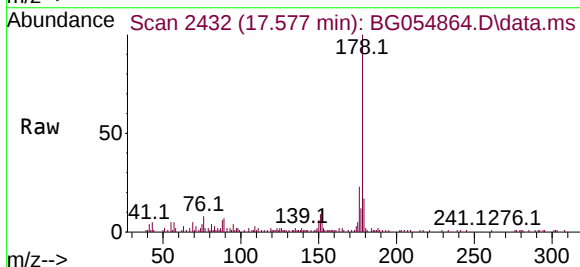
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-345

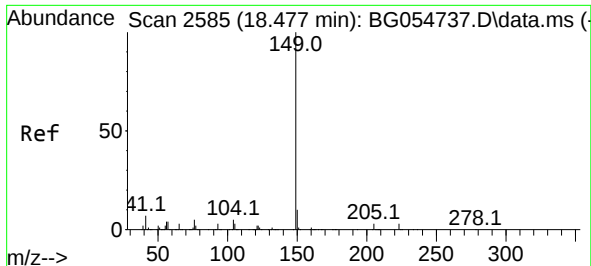
Tgt Ion:188 Resp: 310920  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.0 10.4  
80 9.2 7.9 11.9



#71  
Phenanthrene  
Concen: 2.266 ng  
RT: 17.577 min Scan# 2432  
Delta R.T. -0.001 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

Tgt Ion:178 Resp: 37537  
Ion Ratio Lower Upper  
178 100  
176 22.6 16.6 25.0  
179 16.8 12.8 19.2

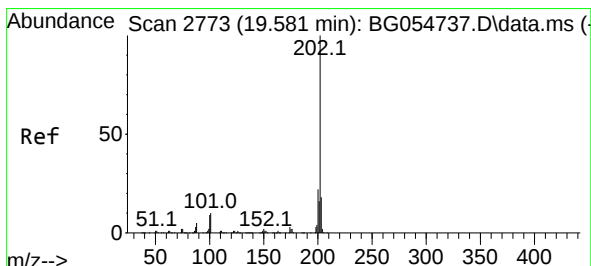
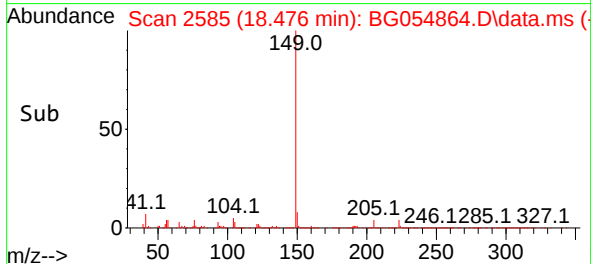
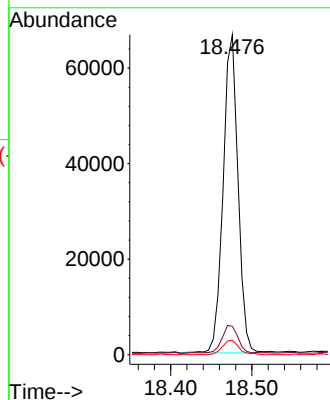
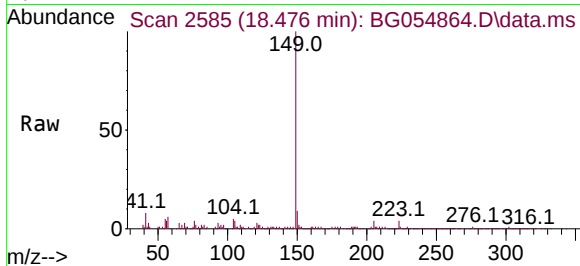




#74  
Di-n-butylphthalate  
Concen: 4.514 ng  
RT: 18.476 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

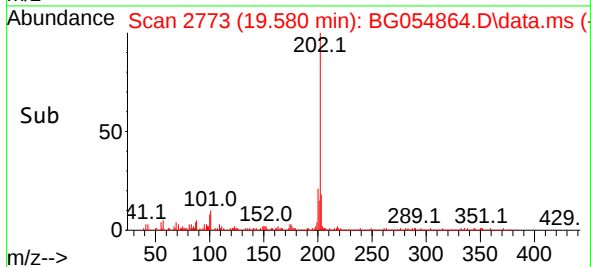
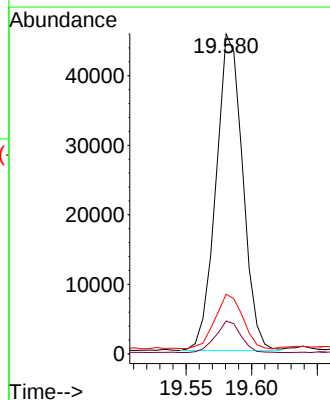
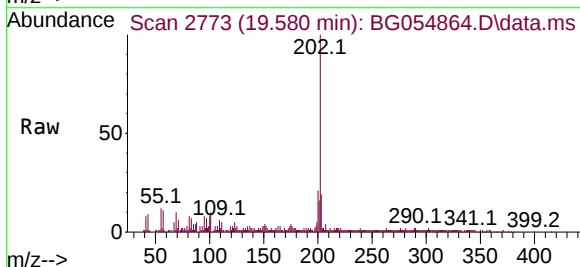
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BNA\_G  
ClientSampleId :  
ETGI-345

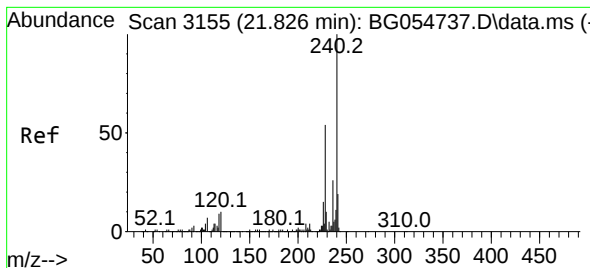
Tgt Ion:149 Resp: 84746  
Ion Ratio Lower Upper  
149 100  
150 8.8 8.0 12.0  
104 4.5 4.4 6.6



#75  
Fluoranthene  
Concen: 3.199 ng  
RT: 19.580 min Scan# 2773  
Delta R.T. -0.001 min  
Lab File: BG054864.D  
Acq: 6 Sep 2022 23:30

Tgt Ion:202 Resp: 64449  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 31.4  
203 18.6 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.831 min Scan# 3156

Delta R.T. 0.005 min

Lab File: BG054864.D

Acq: 6 Sep 2022 23:30

Instrument :

BNA\_G

ClientSampleId :

ETGI-345

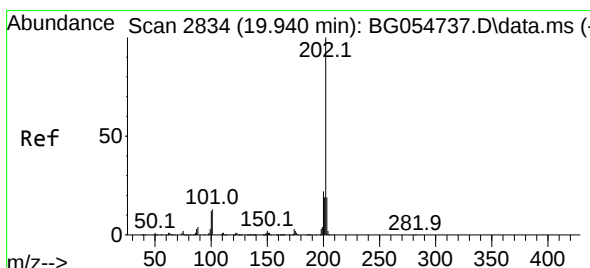
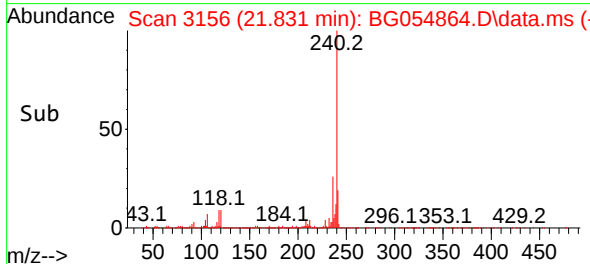
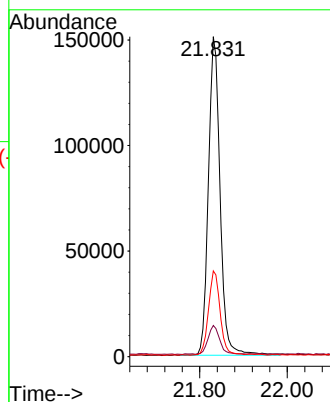
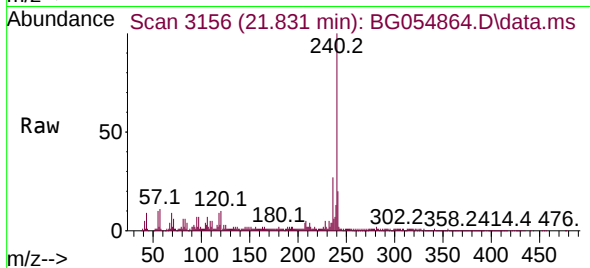
Tgt Ion:240 Resp: 279139

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.4

236 26.8 21.2 31.8



#78

Pyrene

Concen: 2.963 ng

RT: 19.945 min Scan# 2835

Delta R.T. 0.005 min

Lab File: BG054864.D

Acq: 6 Sep 2022 23:30

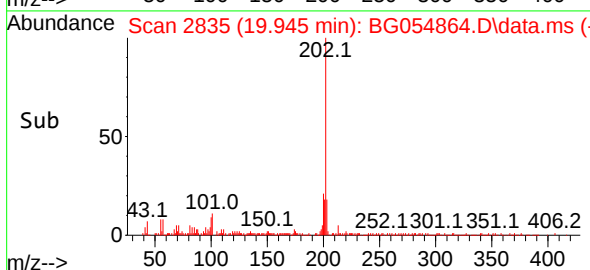
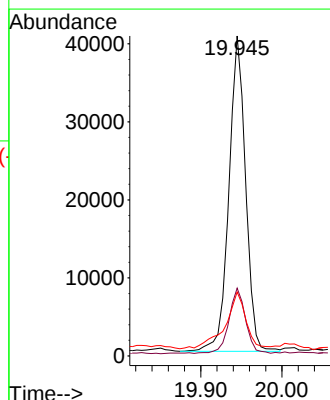
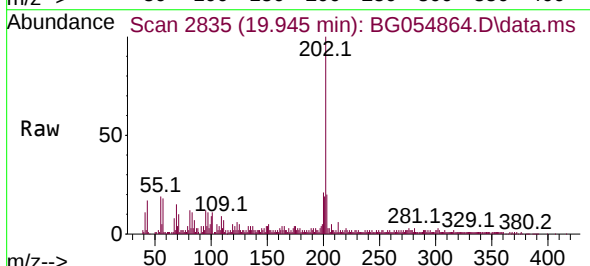
Tgt Ion:202 Resp: 57676

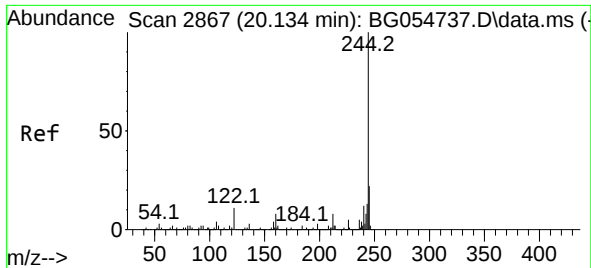
Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

203 20.0 14.6 21.8





#79

Terphenyl-d14

Concen: 6.156 ng

RT: 20.133 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG054864.D

Acq: 6 Sep 2022 23:30

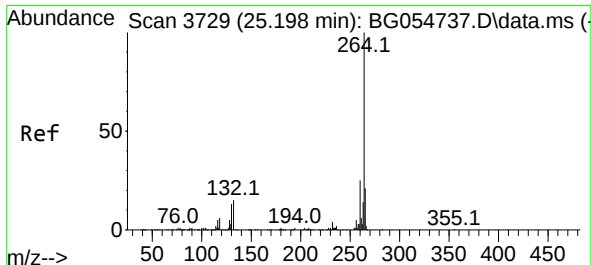
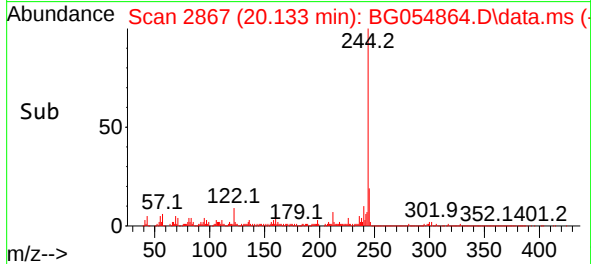
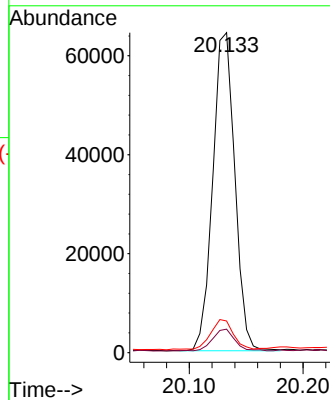
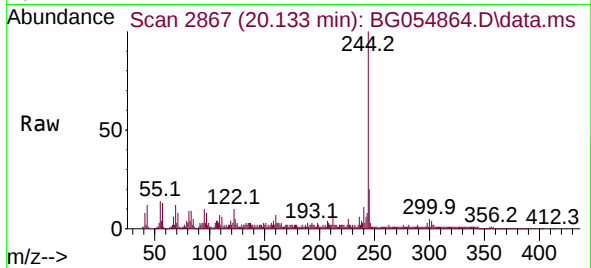
Instrument :

BNA\_G

ClientSampleId :

ETGI-345

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 86723    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.3   | 6.2 9.2  |
| 122         | 9.9   | 9.0 13.6 |



#86

Perylene-d12

Concen: 20.000 ng

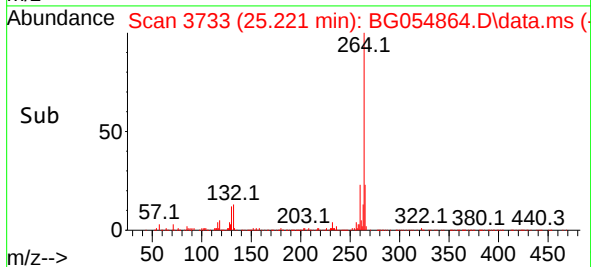
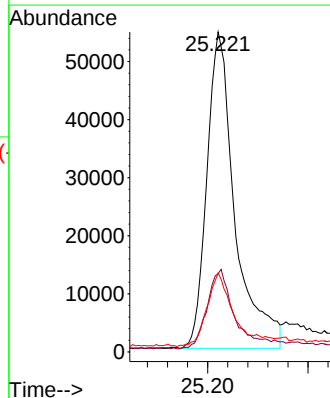
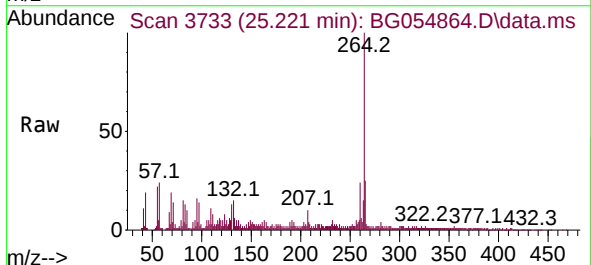
RT: 25.221 min Scan# 3733

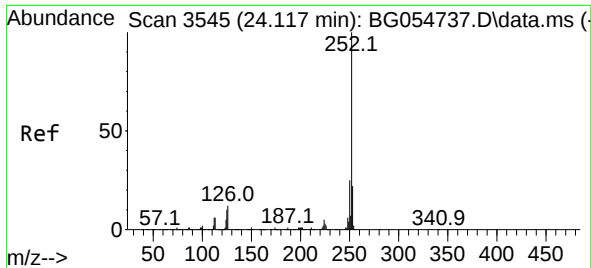
Delta R.T. 0.023 min

Lab File: BG054864.D

Acq: 6 Sep 2022 23:30

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 211708    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.5  | 19.9 29.9 |
| 265         | 24.7  | 16.9 25.3 |





#88

Benzo(b)fluoranthene

Concen: 2.874 ng

RT: 24.146 min Scan# 31

Delta R.T. 0.029 min

Lab File: BG054864.D

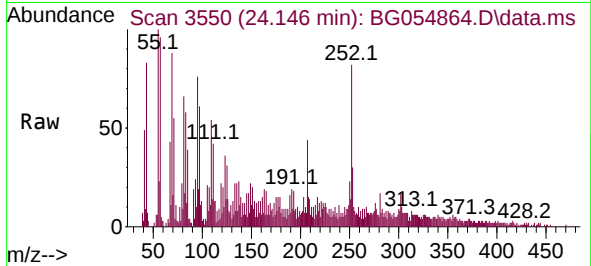
Acq: 6 Sep 2022 23:30

Instrument :

BNA\_G

ClientSampleId :

ETGI-345



Tgt Ion:252 Resp: 38169

Ion Ratio Lower Upper

252 100

253 37.1 18.0 27.0#

125 37.8 8.1 12.1#

