

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081822\  
 Data File : BF129896.D  
 Acq On : 19 Aug 2022 02:04  
 Operator : CG\JU  
 Sample : N4214-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-357

Quant Time: Aug 19 02:39:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 18 12:03:10 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.792  | 152  | 90285    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 304167   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.827  | 164  | 139695   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.321 | 188  | 244497   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.968 | 240  | 256977   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.433 | 264  | 209530   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 547678   | 100.436 | ng    | 0.00     |
| 7) Phenol-d6                | 6.445  | 99   | 626458   | 91.740  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 390423   | 68.712  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.627 | 330  | 135351   | 96.538  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 661364   | 71.905  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 833327   | 53.958  | ng    | 0.00     |

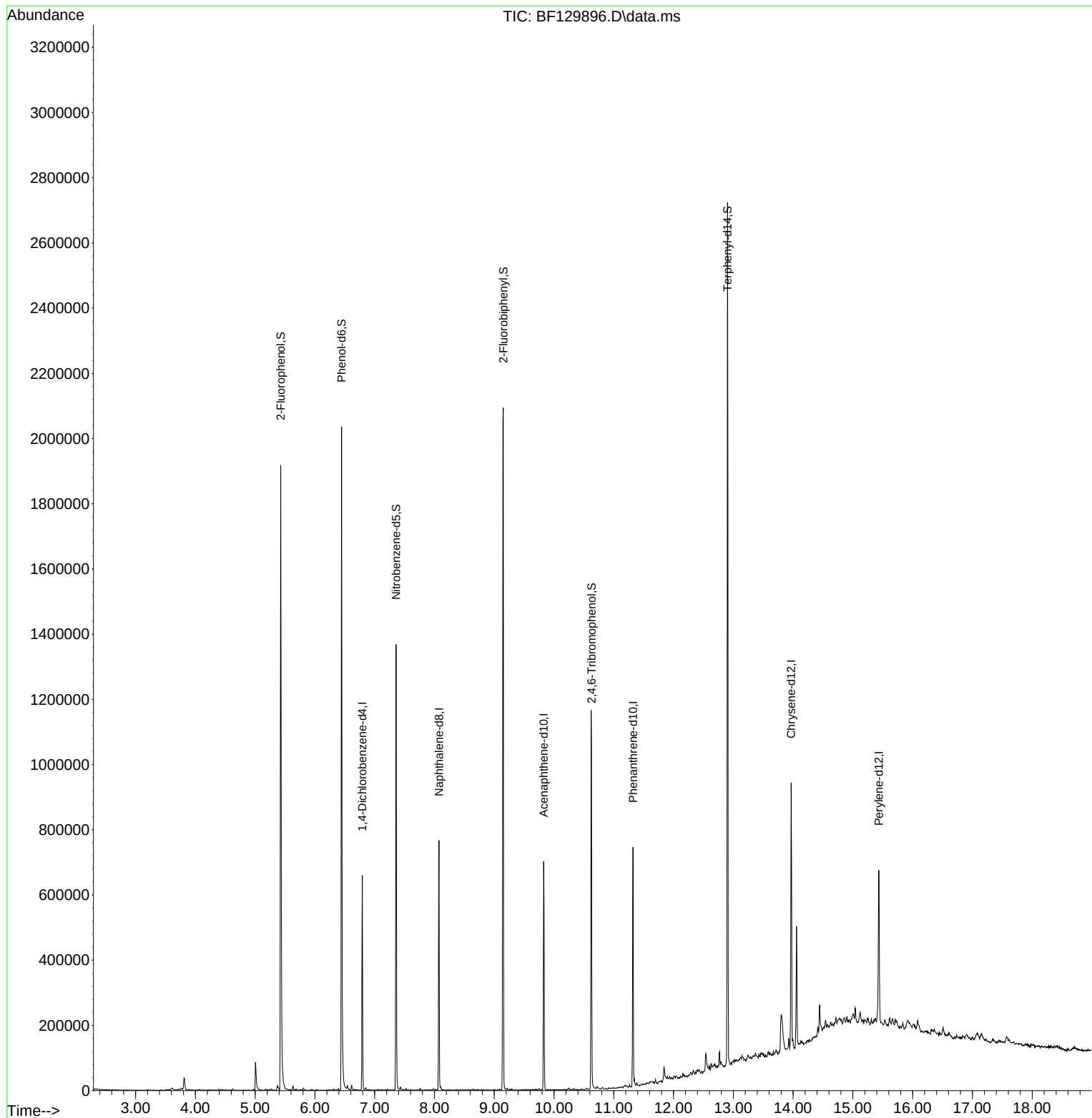
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

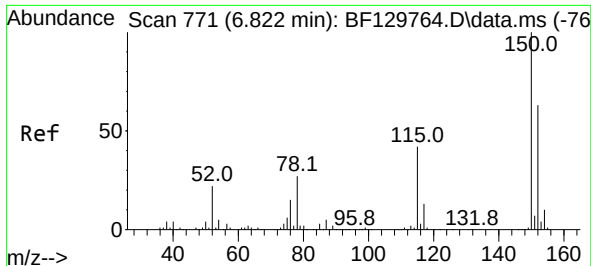
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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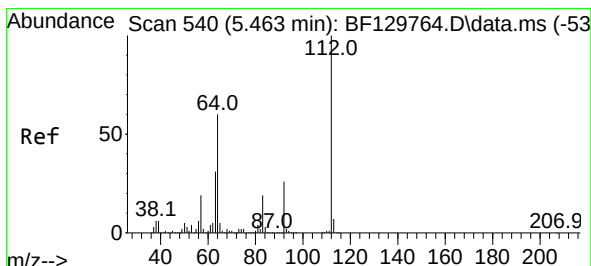
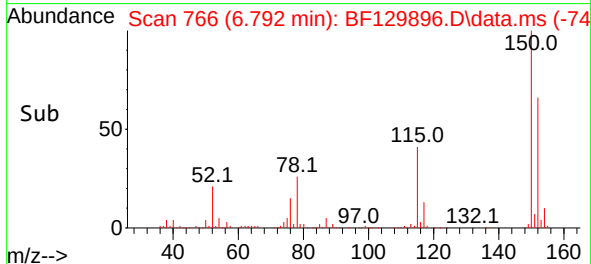
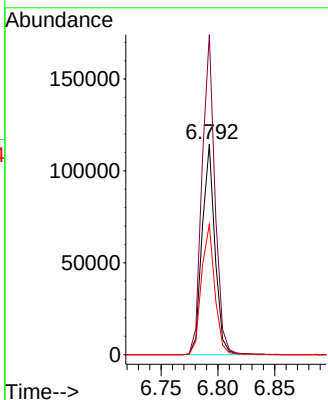
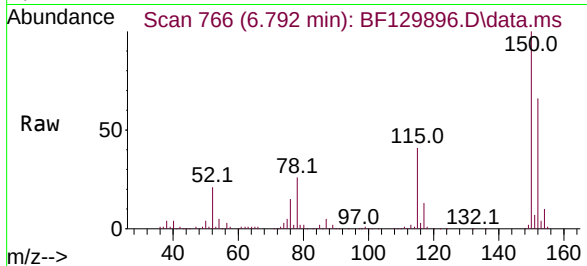




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

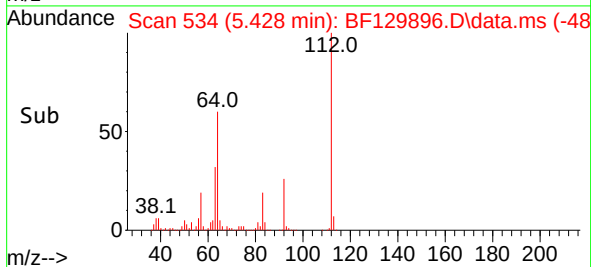
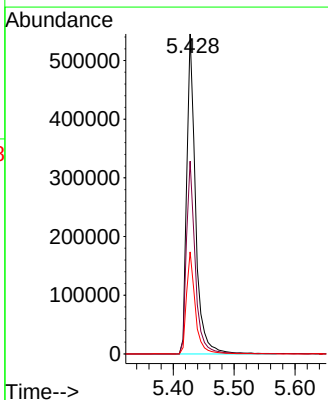
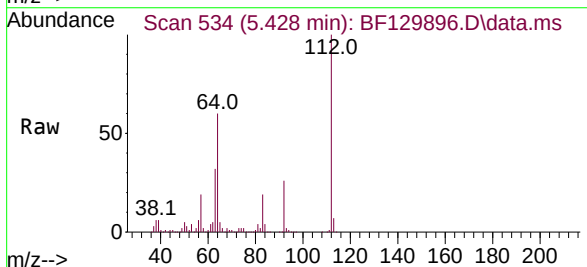
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-357

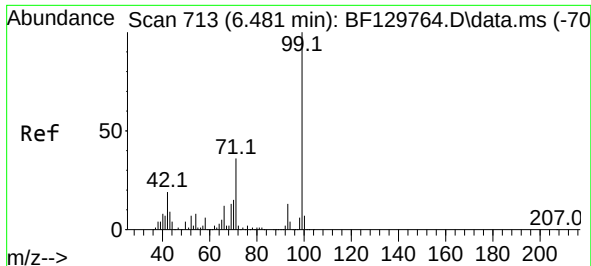
Tgt Ion:152 Resp: 90285  
Ion Ratio Lower Upper  
152 100  
150 152.0 126.9 190.3  
115 62.0 53.4 80.0



#5  
2-Fluorophenol  
Concen: 100.436 ng  
RT: 5.428 min Scan# 534  
Delta R.T. 0.000 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

Tgt Ion:112 Resp: 547678  
Ion Ratio Lower Upper  
112 100  
64 60.2 47.6 71.4  
63 31.9 24.6 37.0

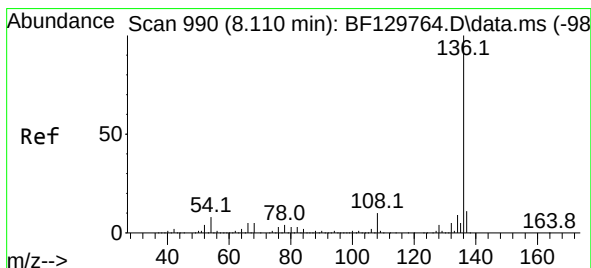
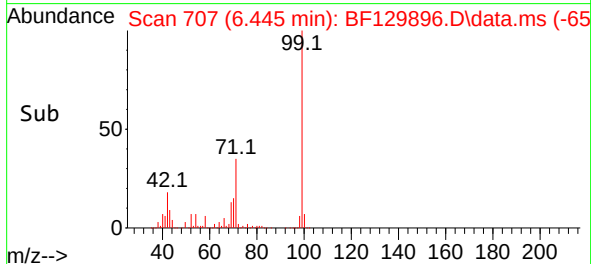
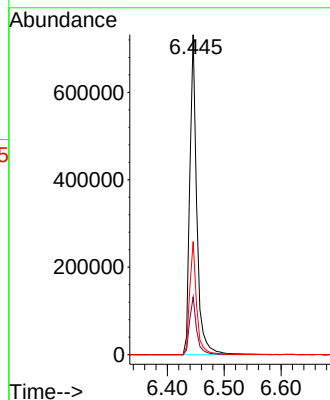
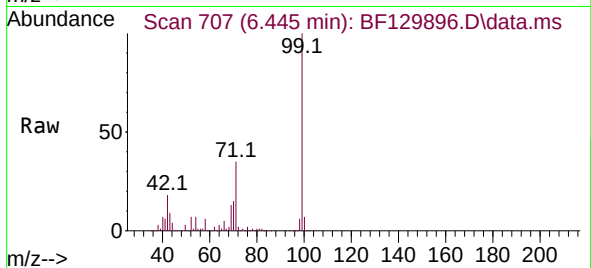




#7  
Phenol-d6  
Concen: 91.740 ng  
RT: 6.445 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

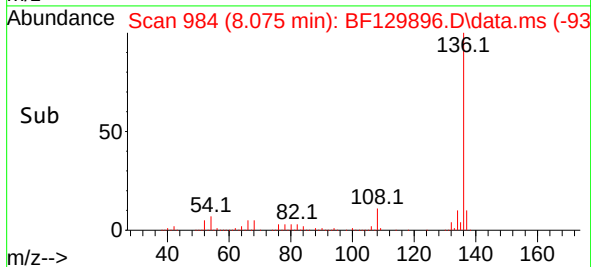
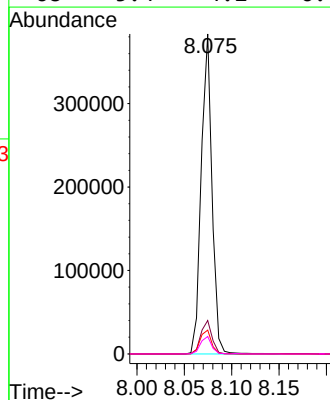
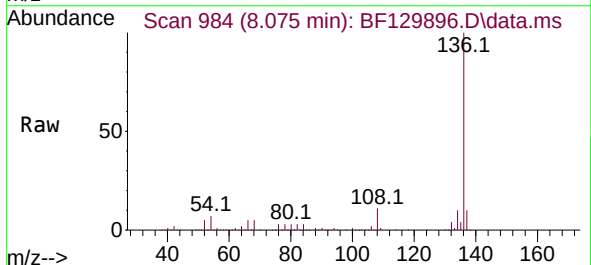
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-357

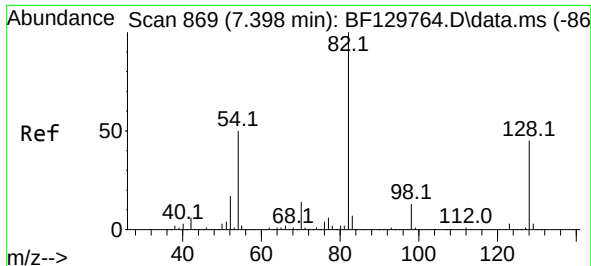
Tgt Ion: 99 Resp: 626458  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.0 22.4  
71 35.3 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

Tgt Ion: 136 Resp: 304167  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.4 12.6  
54 7.4 6.2 9.2  
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 68.712 ng

RT: 7.357 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

Instrument :

BNA\_F

ClientSampleId :

ETGI-357

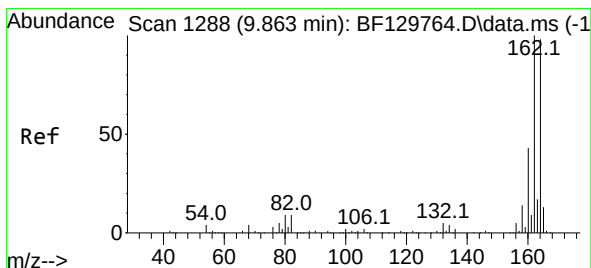
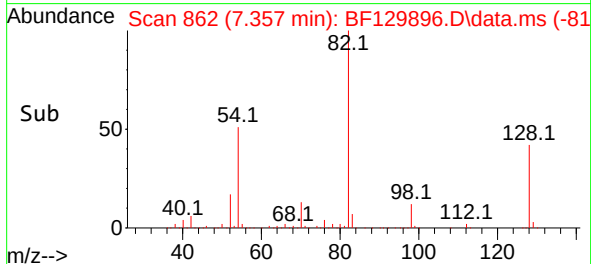
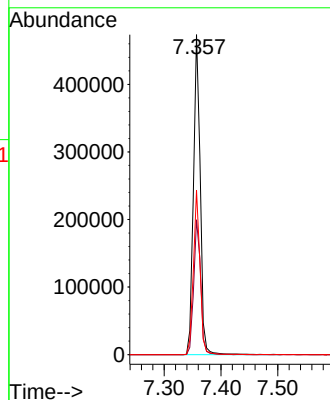
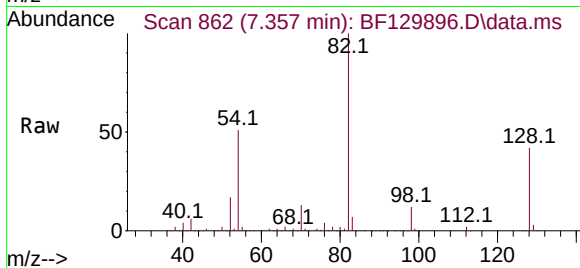
Tgt Ion: 82 Resp: 390423

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

54 51.4 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

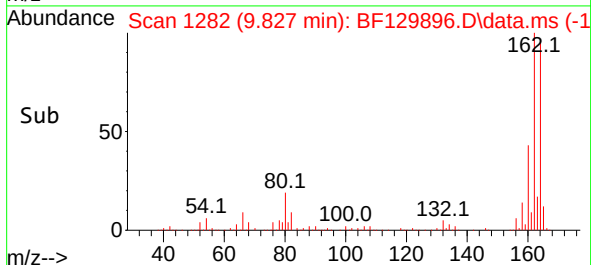
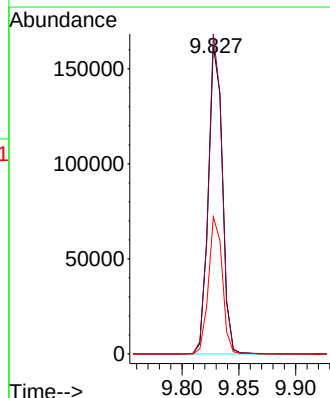
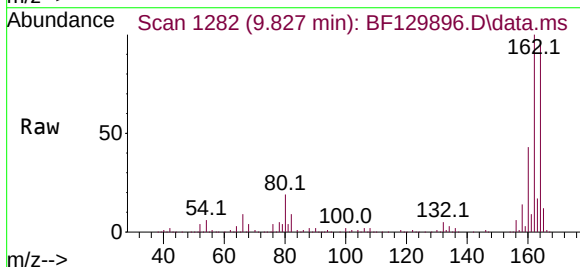
Tgt Ion: 164 Resp: 139695

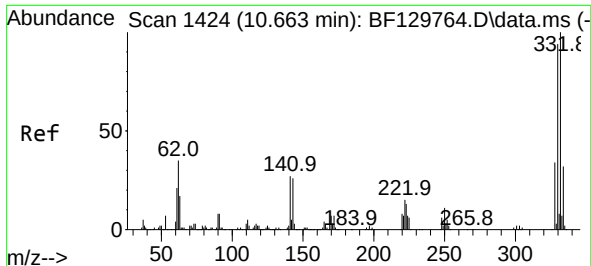
Ion Ratio Lower Upper

164 100

162 103.8 82.0 123.0

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 96.538 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129896.D

Acq: 19 Aug 2022 02:04

Instrument :

BNA\_F

ClientSampleId :

ETGI-357

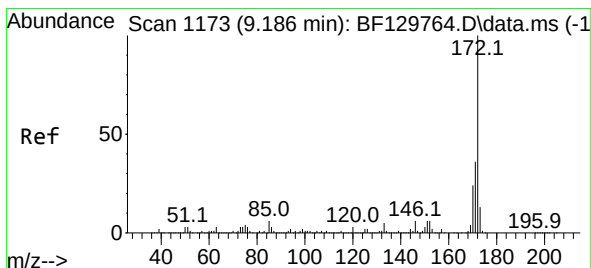
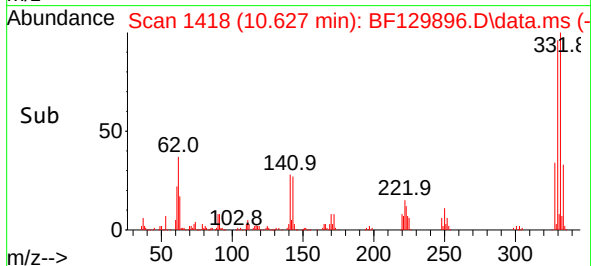
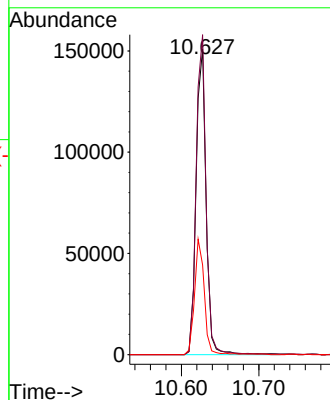
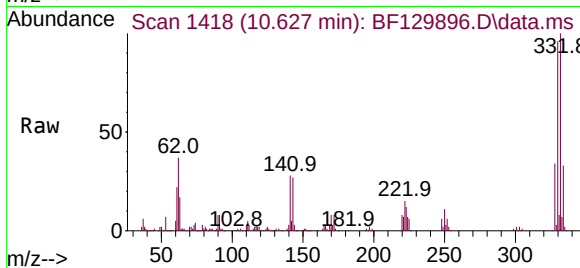
Tgt Ion:330 Resp: 135351

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 36.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 71.905 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129896.D

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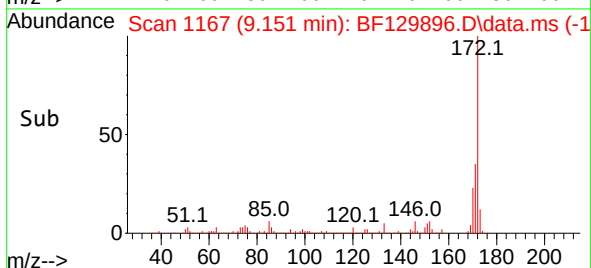
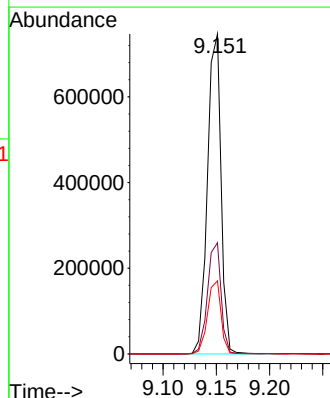
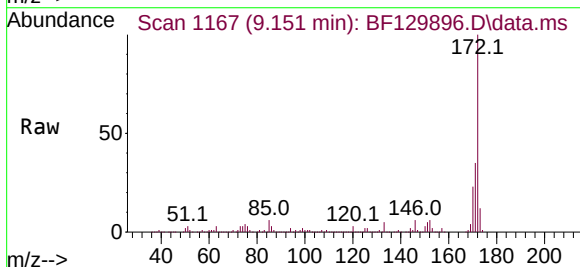
Tgt Ion:172 Resp: 661364

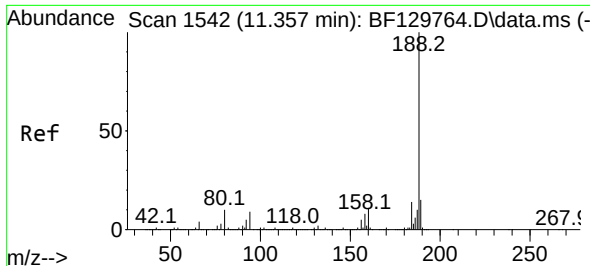
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.8 19.1 28.7

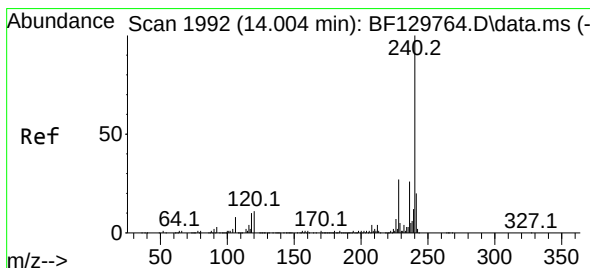
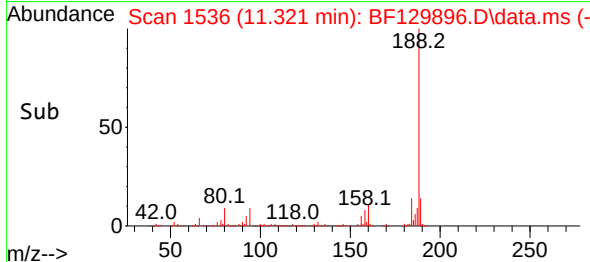
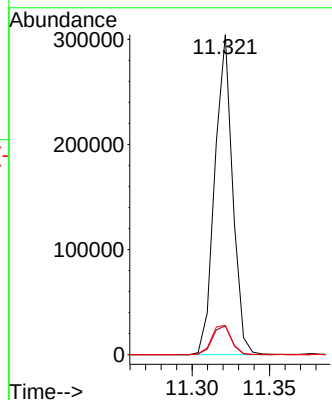
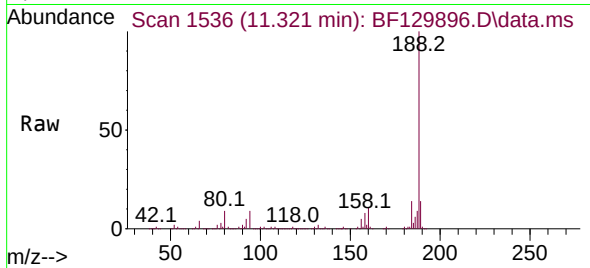




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.321 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

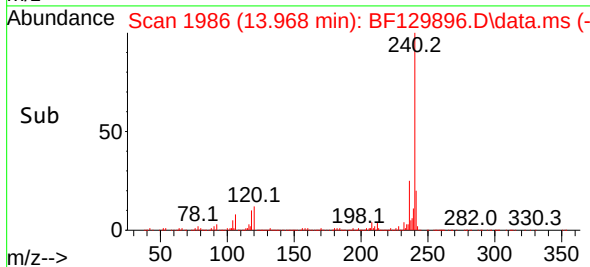
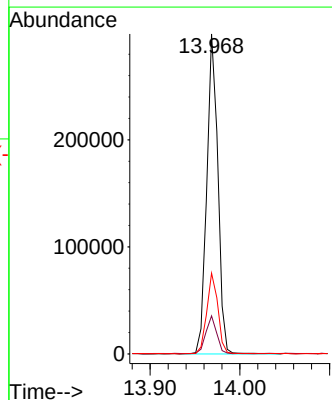
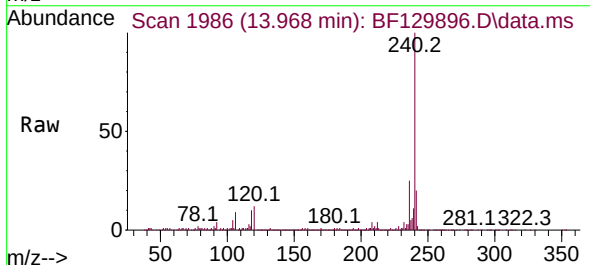
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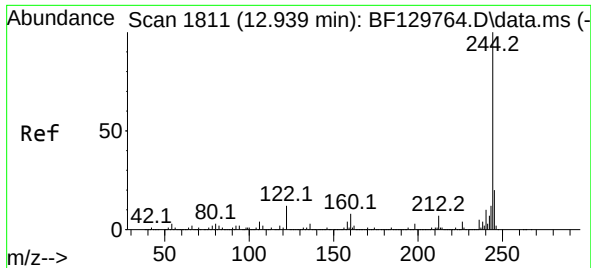
Tgt Ion:188 Resp: 244497  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.4 11.2  
80 9.1 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 1986  
Delta R.T. -0.006 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

Tgt Ion:240 Resp: 256977  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.2 13.8  
236 25.2 20.7 31.1

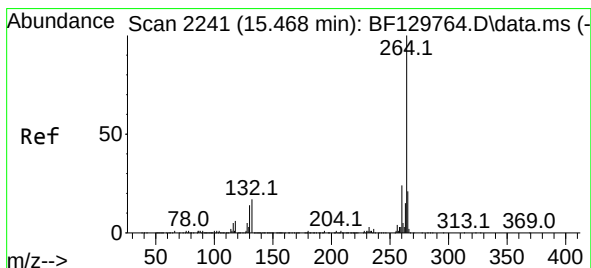
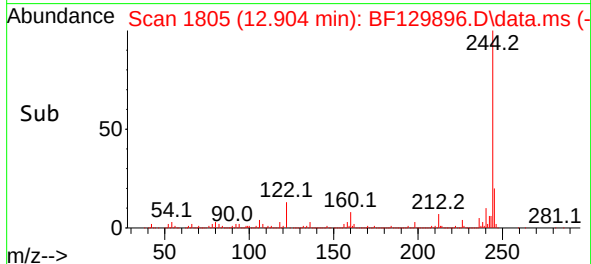
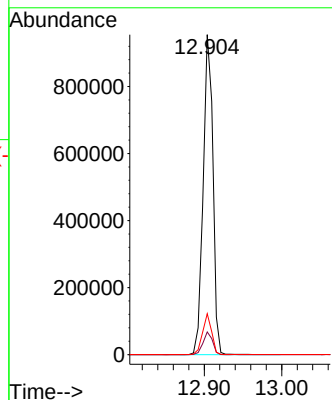
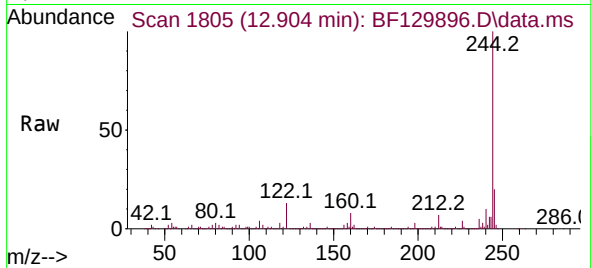




#79  
Terphenyl-d14  
Concen: 53.958 ng  
RT: 12.904 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-357

Tgt Ion:244 Resp: 833327  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 12.8 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.433 min Scan# 2235  
Delta R.T. 0.006 min  
Lab File: BF129896.D  
Acq: 19 Aug 2022 02:04

Tgt Ion:264 Resp: 209530  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.1 28.7  
265 21.0 16.7 25.1

