

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060322\  
 Data File : BF128675.D  
 Acq On : 03 Jun 2022 12:46  
 Operator : CG\JU  
 Sample : N3025-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UST-BOT

Quant Time: Jun 03 23:41:16 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 17:07:23 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.822  | 152  | 82076    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 311781   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.863  | 164  | 174013   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.351 | 188  | 309078   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.992 | 240  | 183754   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.451 | 264  | 164438   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 556979   | 108.092 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 709337   | 112.774 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.386  | 82   | 515660   | 77.004  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 220834   | 107.407 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 931766   | 75.007  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.939 | 244  | 859053   | 81.235  | ng    | 0.00     |

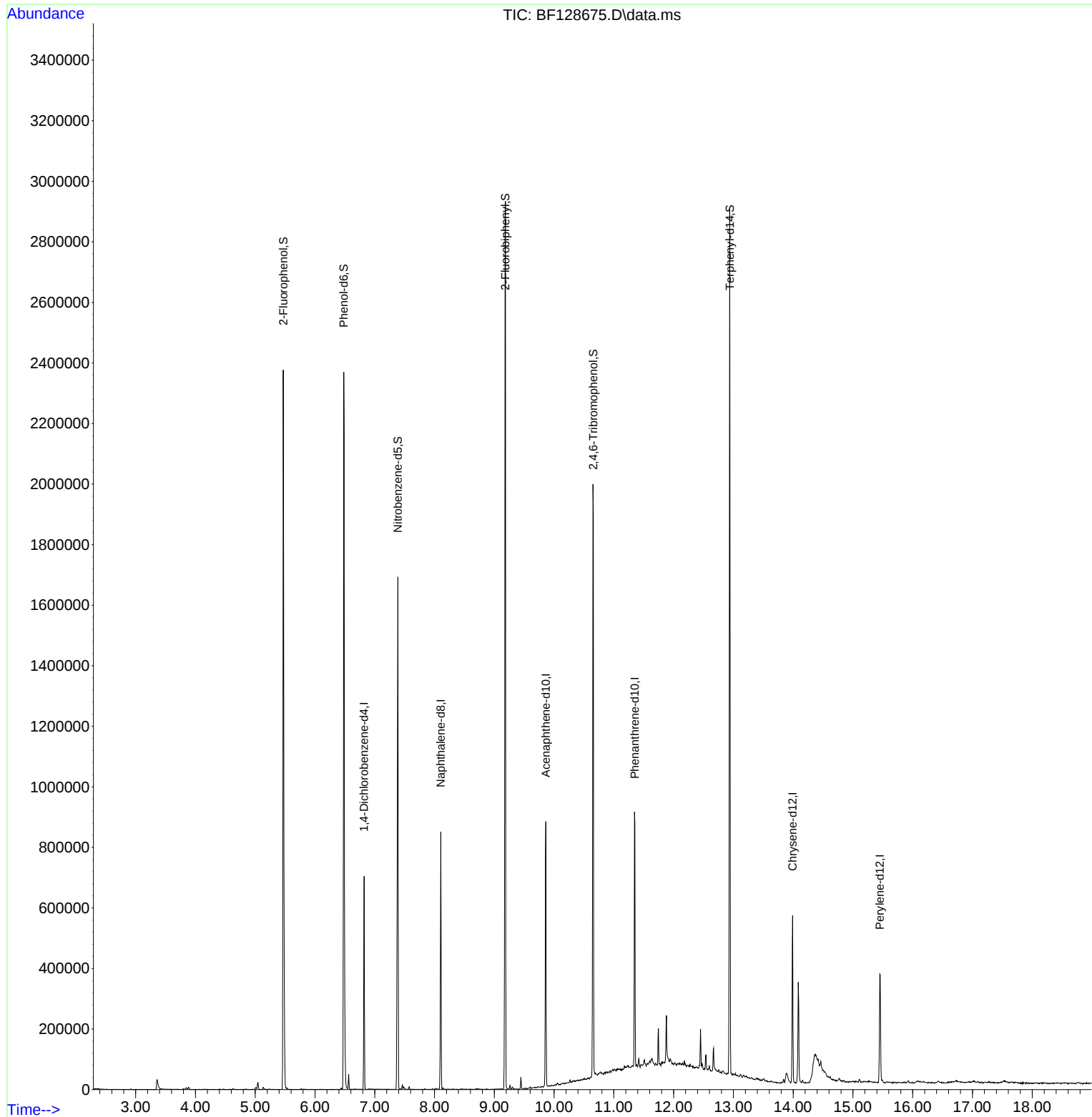
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

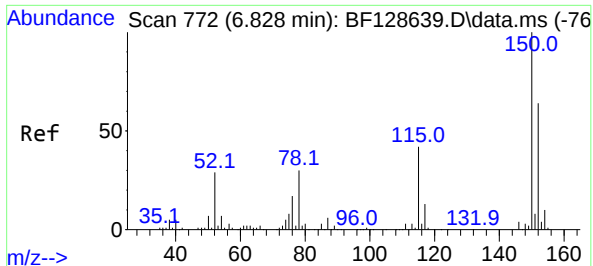
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 02 17:07:23 2022  
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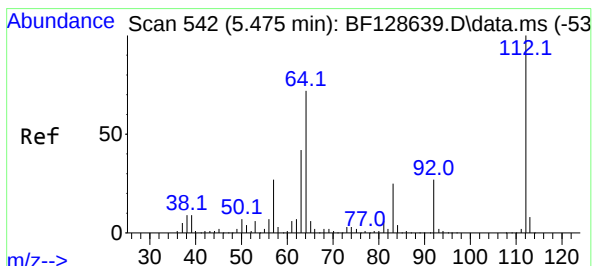
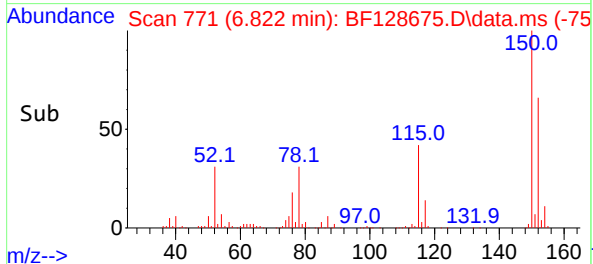
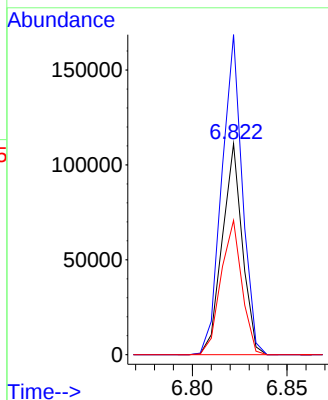
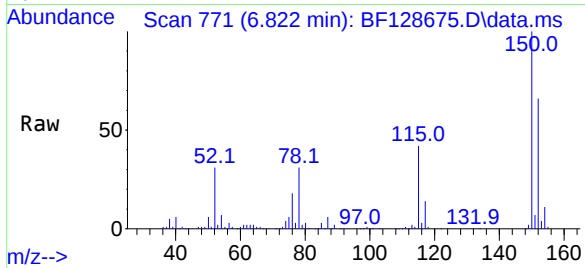




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

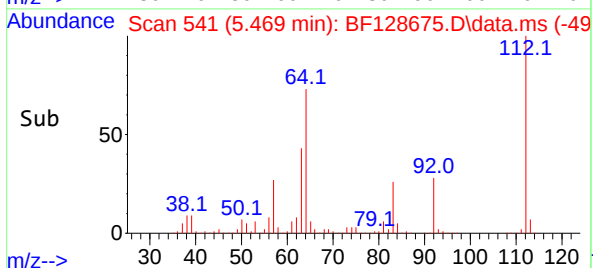
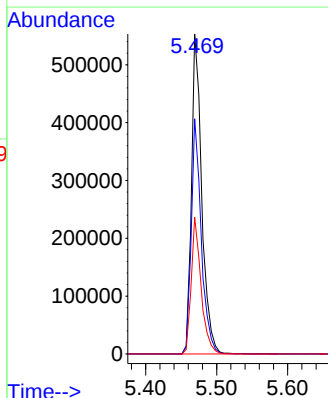
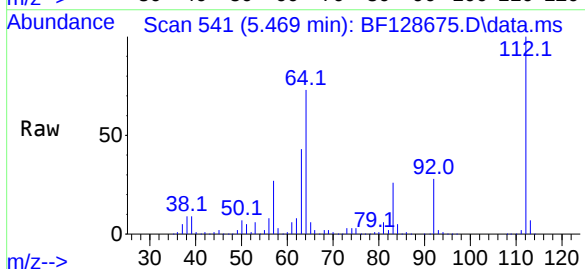
Instrument :  
BNA\_F  
ClientSampleId :  
UST-BOT

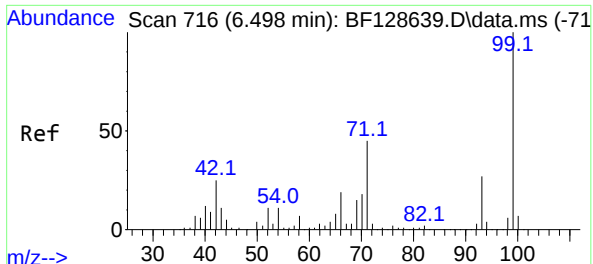
Tgt Ion:152 Resp: 82076  
Ion Ratio Lower Upper  
152 100  
150 151.7 123.7 185.5  
115 63.6 49.9 74.9



#5  
2-Fluorophenol  
Concen: 108.092 ng  
RT: 5.469 min Scan# 541  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

Tgt Ion:112 Resp: 556979  
Ion Ratio Lower Upper  
112 100  
64 73.5 53.3 79.9  
63 42.8 28.0 42.0#

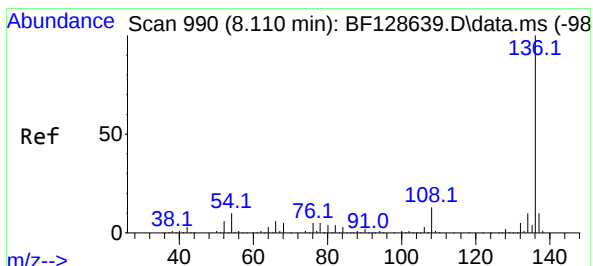
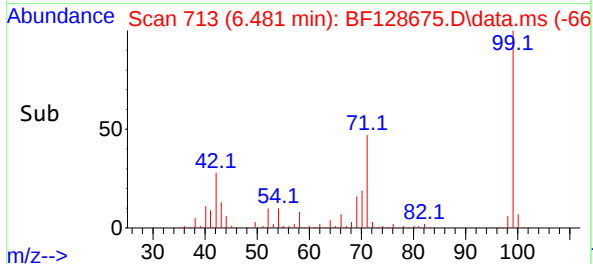
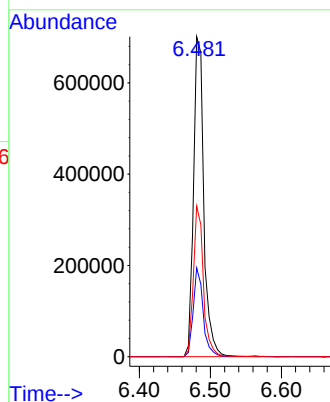
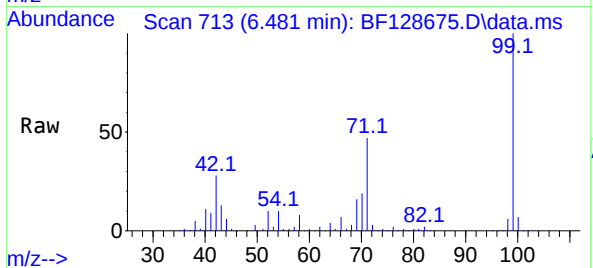




#7  
Phenol-d6  
Concen: 112.774 ng  
RT: 6.481 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

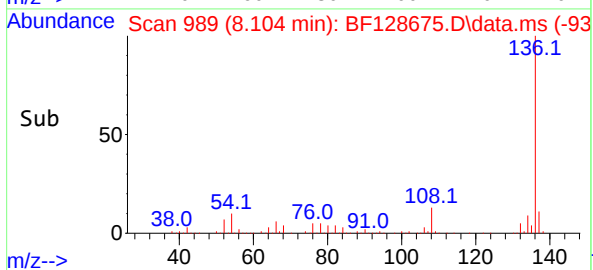
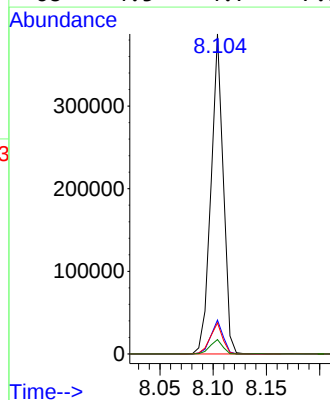
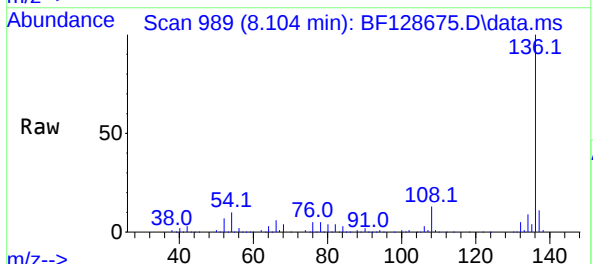
Instrument :  
BNA\_F  
ClientSampleId :  
UST-BOT

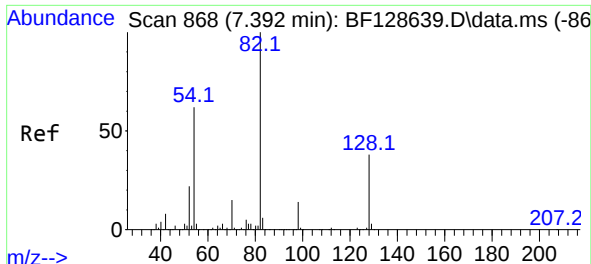
Tgt Ion: 99 Resp: 709337  
Ion Ratio Lower Upper  
99 100  
42 27.8 17.3 25.9#  
71 47.1 28.9 43.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 989  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

Tgt Ion: 136 Resp: 311781  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 9.7 7.5 11.3  
68 4.5 4.7 7.1#

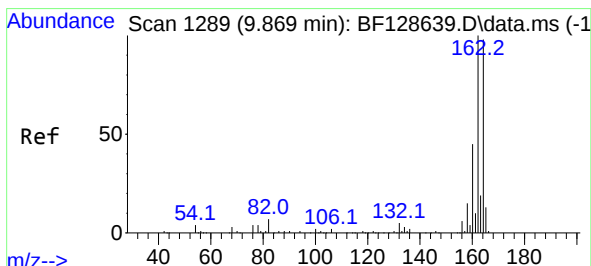
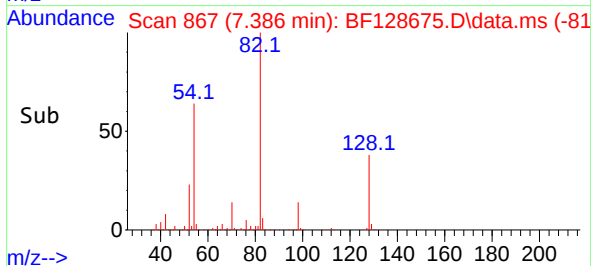
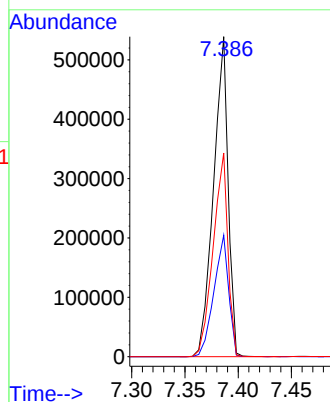
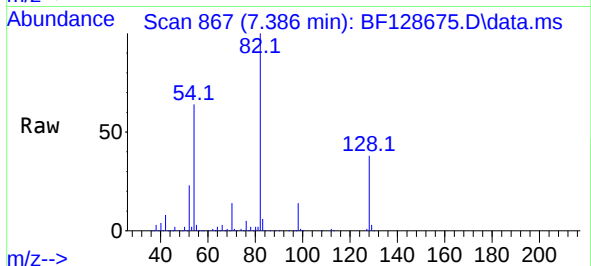




#23  
Nitrobenzene-d5  
Concen: 77.004 ng  
RT: 7.386 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

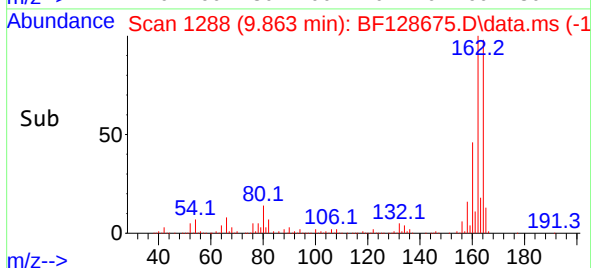
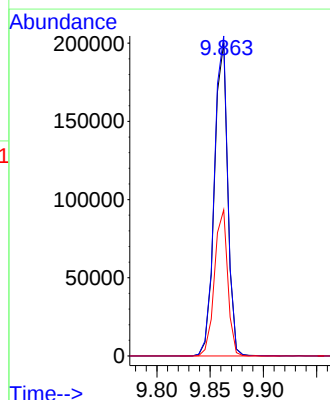
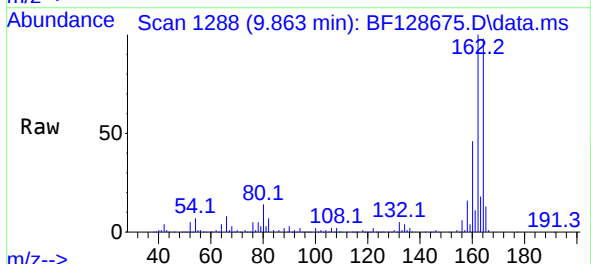
Instrument :  
BNA\_F  
ClientSampleId :  
UST-BOT

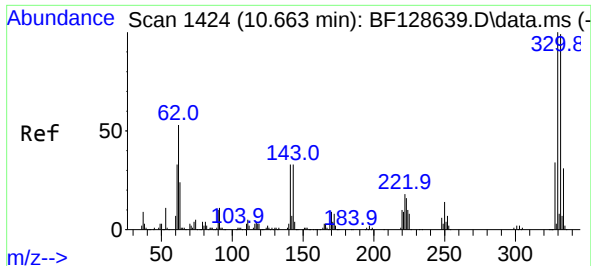
Tgt Ion: 82 Resp: 515660  
Ion Ratio Lower Upper  
82 100  
128 38.0 34.0 51.0  
54 63.7 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

Tgt Ion:164 Resp: 174013  
Ion Ratio Lower Upper  
164 100  
162 102.1 79.5 119.3  
160 46.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 107.407 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128675.D

Acq: 03 Jun 2022 12:46

Instrument :

BNA\_F

ClientSampleId :

UST-BOT

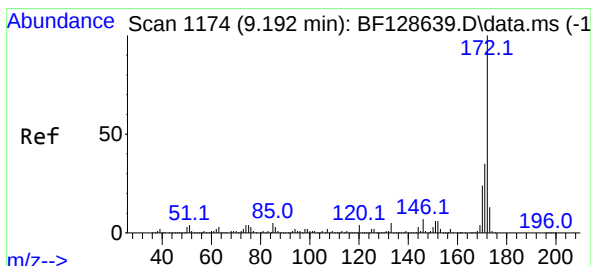
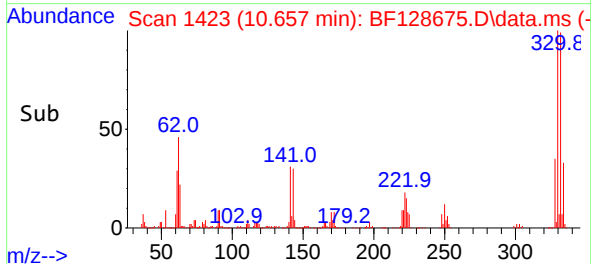
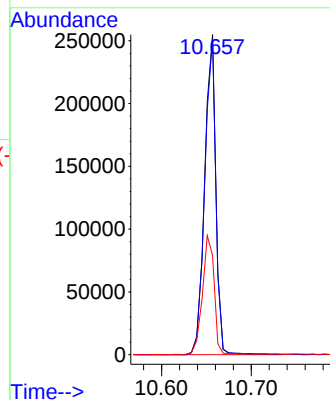
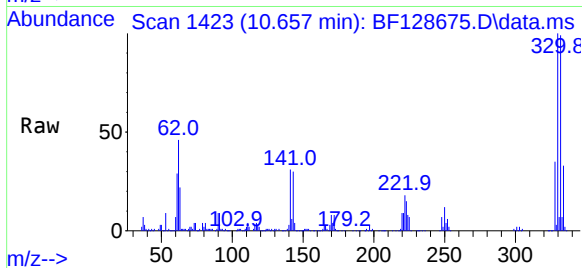
Tgt Ion:330 Resp: 220834

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 39.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.007 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128675.D

Acq: 03 Jun 2022 12:46

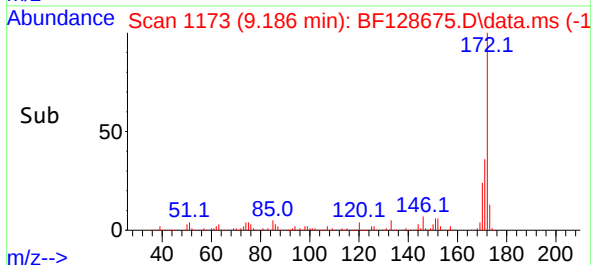
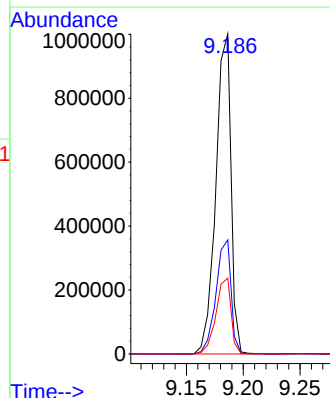
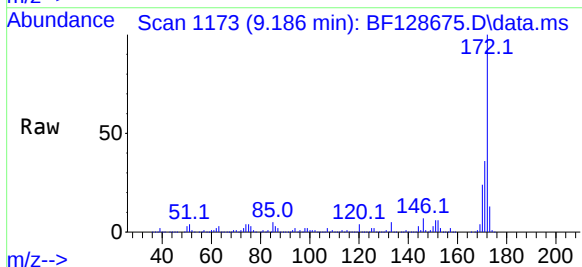
Tgt Ion:172 Resp: 931766

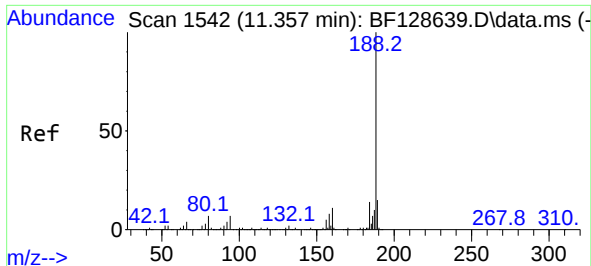
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.8 29.8

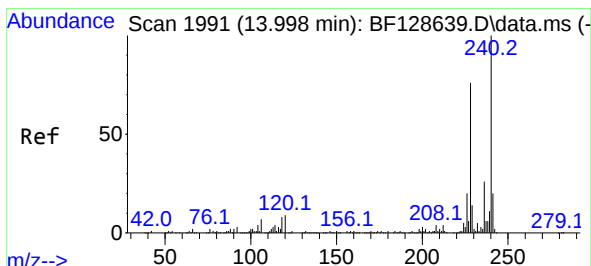
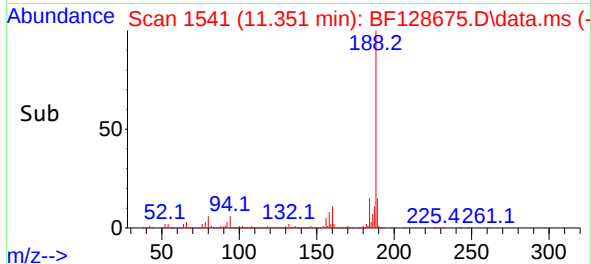
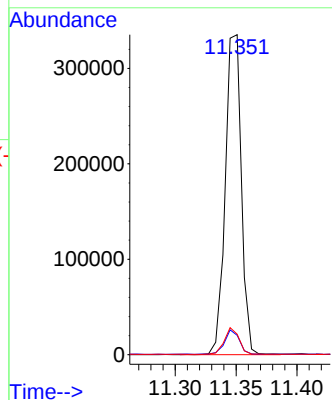
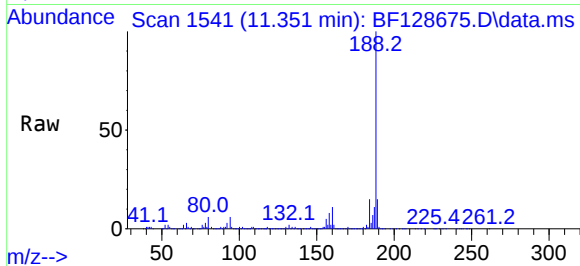




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

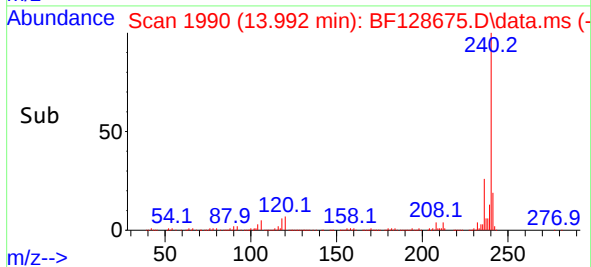
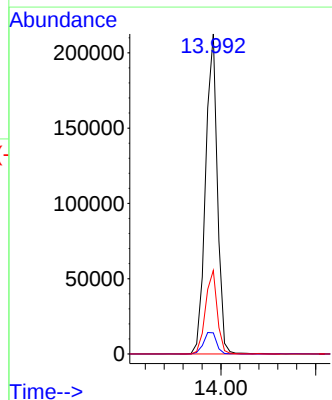
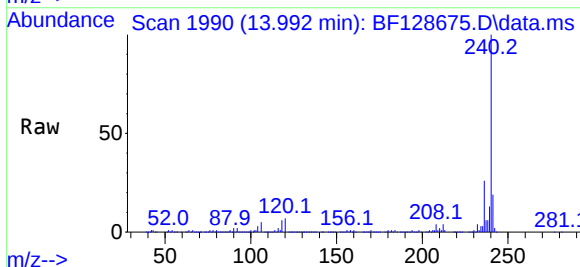
Instrument :  
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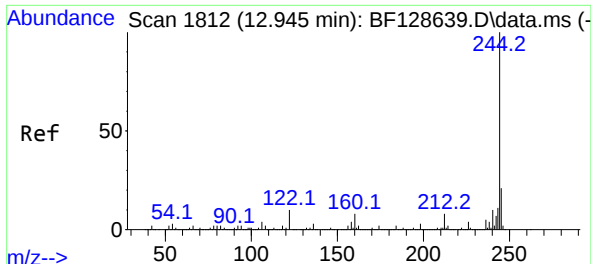
Tgt Ion:188 Resp: 309078  
Ion Ratio Lower Upper  
188 100  
94 6.0 7.0 10.6#  
80 6.4 7.6 11.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

Tgt Ion:240 Resp: 183754  
Ion Ratio Lower Upper  
240 100  
120 6.6 8.9 13.3#  
236 26.1 20.8 31.2

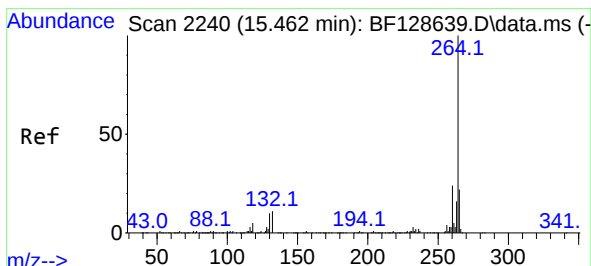
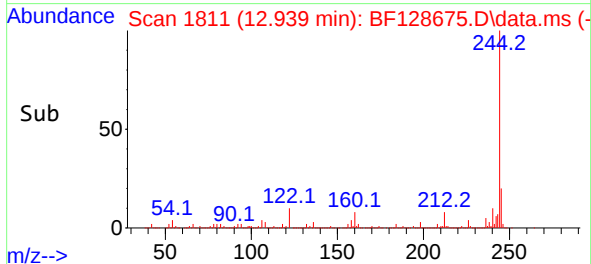
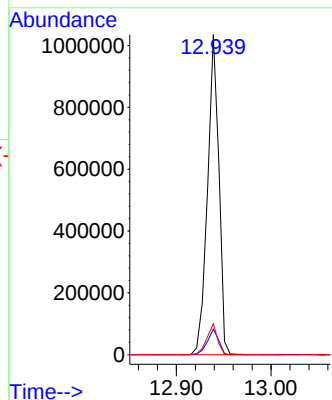
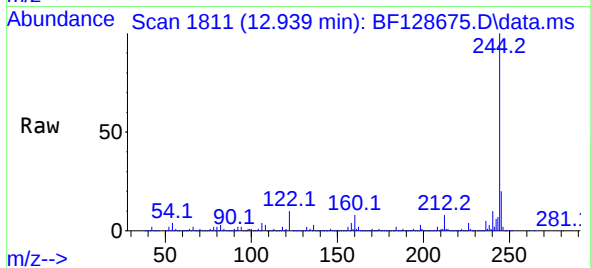




#79  
Terphenyl-d14  
Concen: 81.235 ng  
RT: 12.939 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

Instrument :  
BNA\_F  
ClientSampleId :  
UST-BOT

Tgt Ion:244 Resp: 859053  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.1 9.1  
122 9.7 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 2238  
Delta R.T. -0.011 min  
Lab File: BF128675.D  
Acq: 03 Jun 2022 12:46

Tgt Ion:264 Resp: 164438  
Ion Ratio Lower Upper  
264 100  
260 25.4 18.4 27.6  
265 21.4 17.2 25.8

