

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092122\  
 Data File : BF130368.D  
 Acq On : 21 Sep 2022 18:47  
 Operator : CG\JU  
 Sample : N4724-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-01-COMP

Quant Time: Sep 22 05:58:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 15:06:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.651  | 152  | 109226   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.933  | 136  | 435730   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.686  | 164  | 215311   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.163 | 188  | 307783   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.798 | 240  | 207309   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.192 | 264  | 217888   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.269  | 112  | 900984   | 143.073 | ng    | 0.01     |
| 7) Phenol-d6                | 6.298  | 99   | 1129466  | 143.342 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.222  | 82   | 719497   | 84.360  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.474 | 330  | 277594   | 134.553 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.016  | 172  | 1325097  | 89.619  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.757 | 244  | 988102   | 78.954  | ng    | 0.00     |

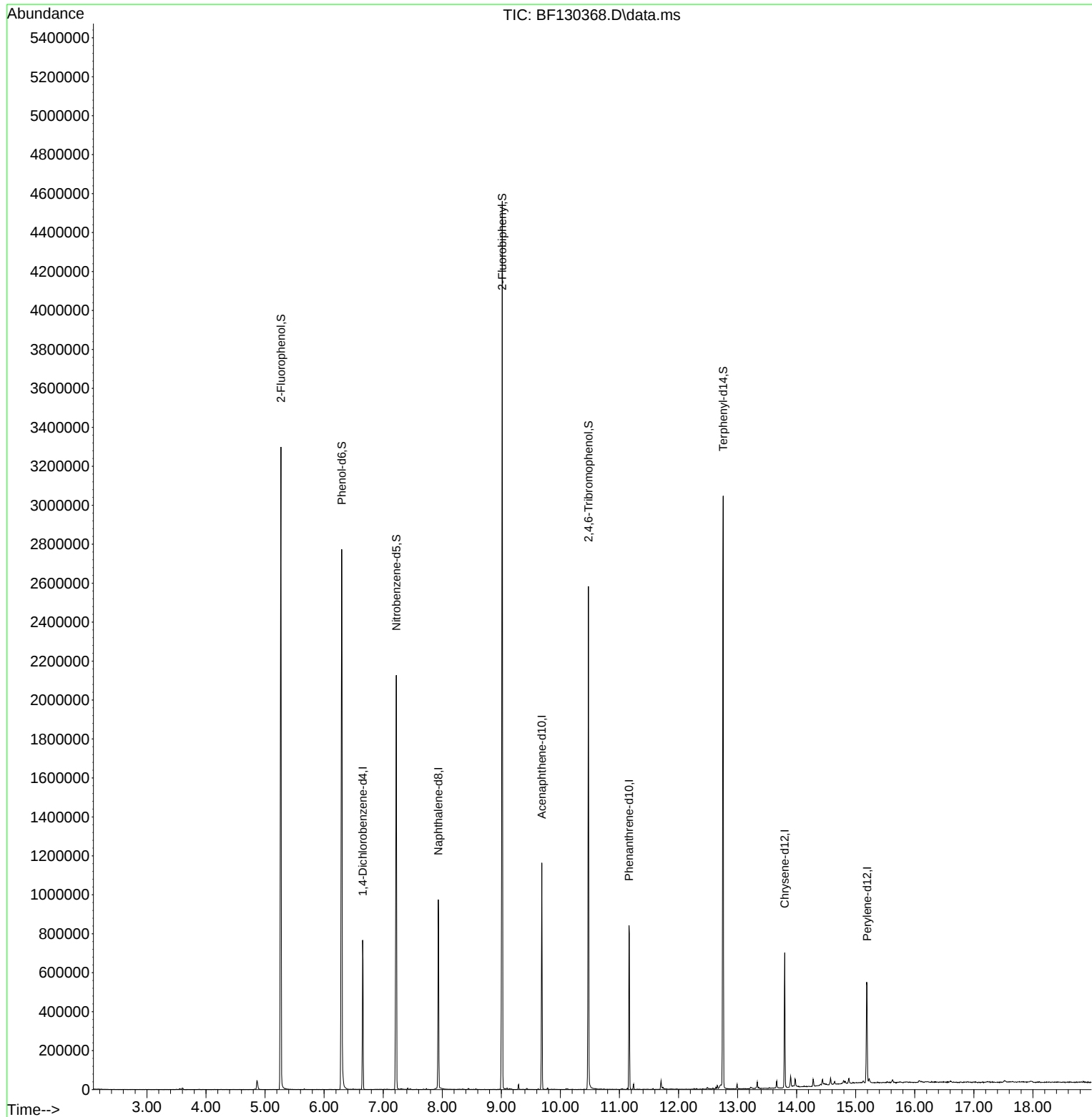
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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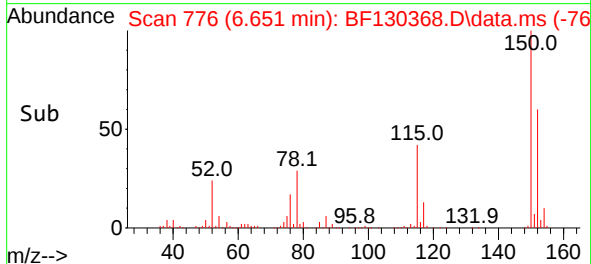
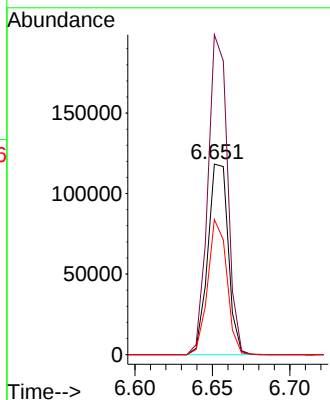
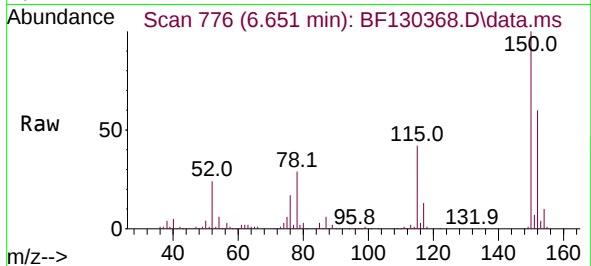




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.651 min Scan# 71  
 Delta R.T. -0.012 min  
 Lab File: BF130368.D  
 Acq: 21 Sep 2022 18:47

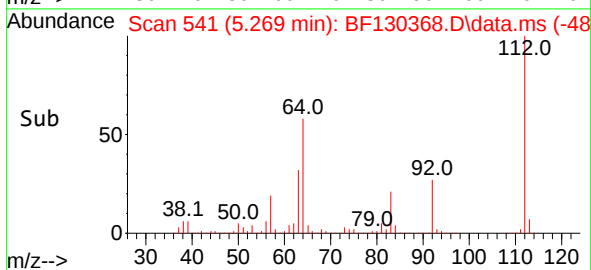
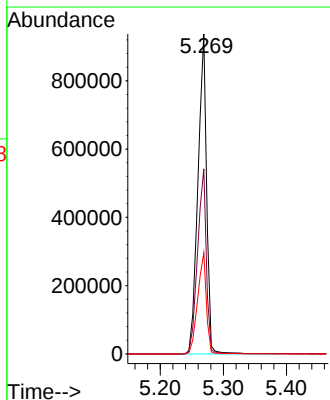
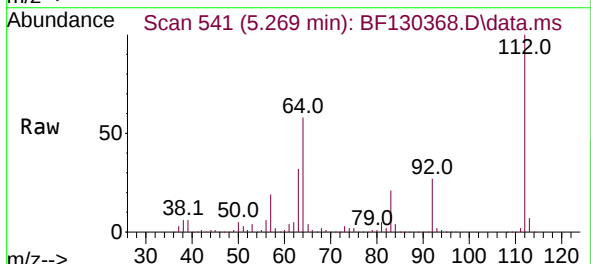
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-01-COMP

Tgt Ion:152 Resp: 109226  
 Ion Ratio Lower Upper  
 152 100  
 150 168.0 122.8 184.2  
 115 70.9 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 143.073 ng  
 RT: 5.269 min Scan# 541  
 Delta R.T. 0.012 min  
 Lab File: BF130368.D  
 Acq: 21 Sep 2022 18:47

Tgt Ion:112 Resp: 900984  
 Ion Ratio Lower Upper  
 112 100  
 64 57.8 51.4 77.0  
 63 31.6 28.8 43.2

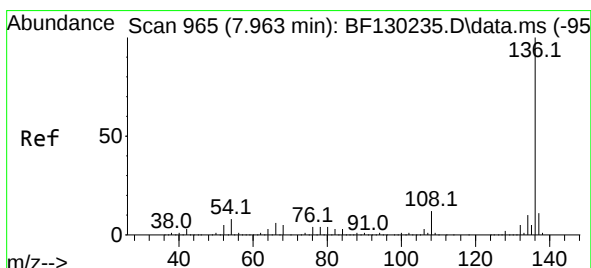
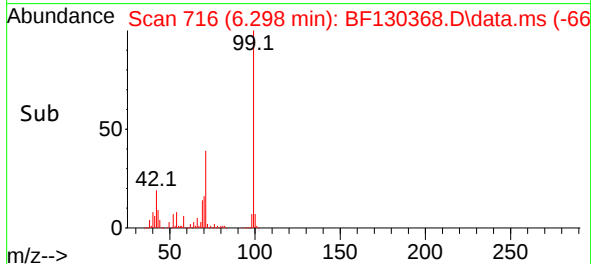
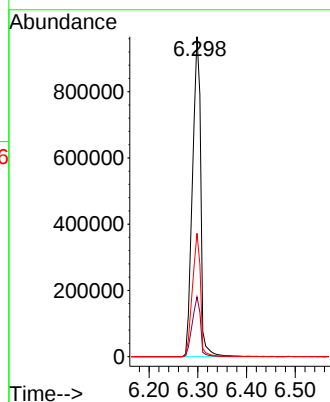
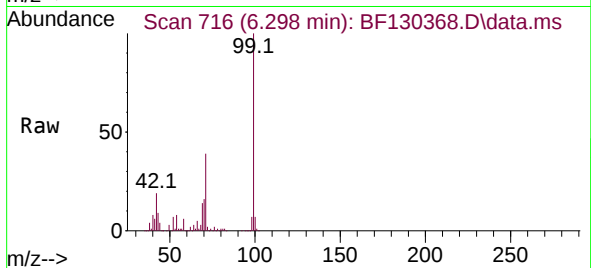




#7  
Phenol-d6  
Concen: 143.342 ng  
RT: 6.298 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF130368.D  
Acq: 21 Sep 2022 18:47

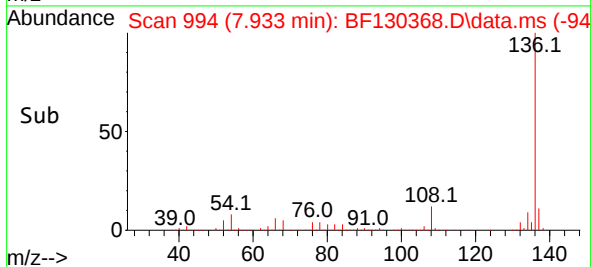
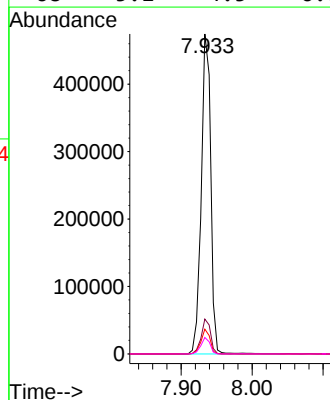
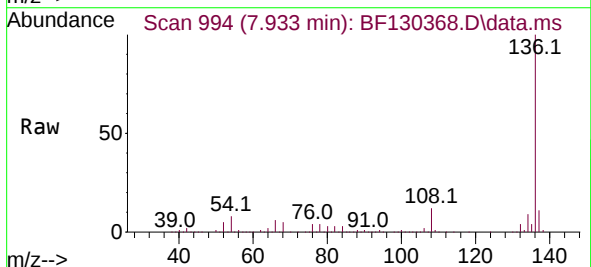
Instrument :  
BNA\_F  
ClientSampleId :  
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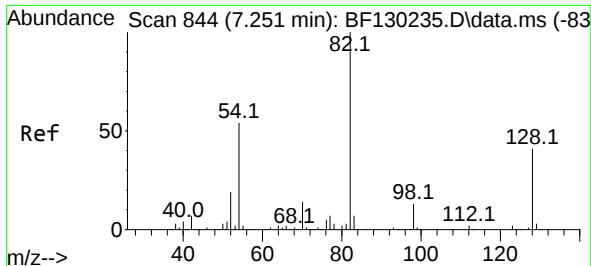
Tgt Ion: 99 Resp: 1129466  
Ion Ratio Lower Upper  
99 100  
42 18.7 17.0 25.6  
71 38.5 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.933 min Scan# 994  
Delta R.T. -0.012 min  
Lab File: BF130368.D  
Acq: 21 Sep 2022 18:47

Tgt Ion: 136 Resp: 435730  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.1 13.7  
54 7.7 7.1 10.7  
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 84.360 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130368.D

Acq: 21 Sep 2022 18:47

Instrument :

BNA\_F

ClientSampleId :

SB-01-COMP

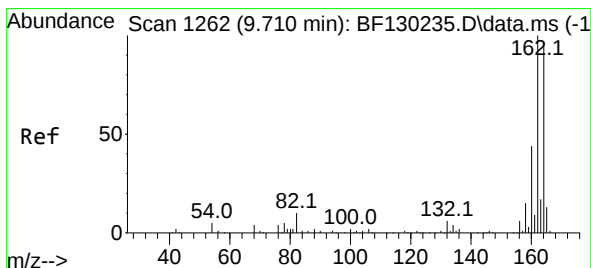
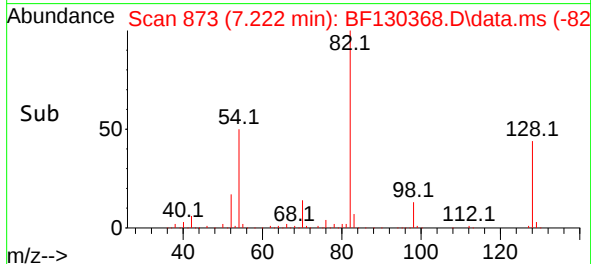
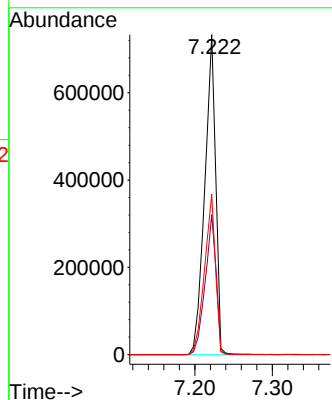
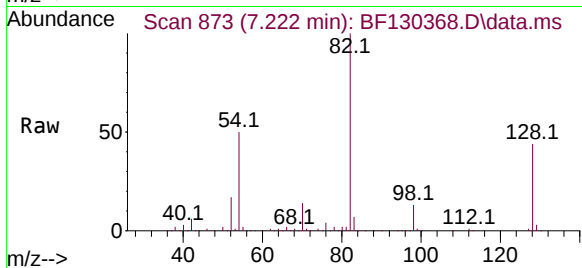
Tgt Ion: 82 Resp: 719497

Ion Ratio Lower Upper

82 100

128 43.7 32.6 49.0

54 50.1 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130368.D

Acq: 21 Sep 2022 18:47

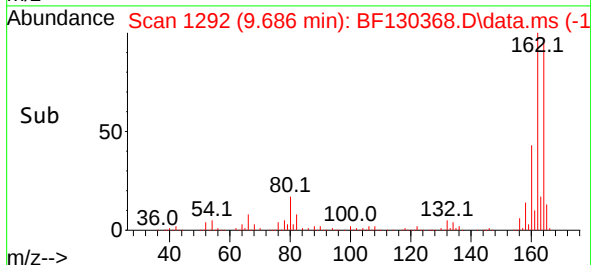
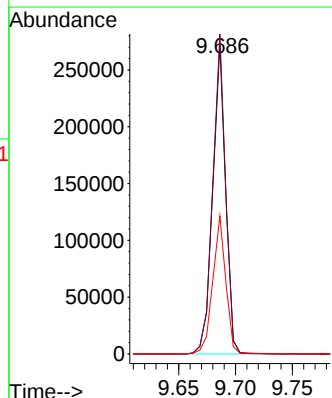
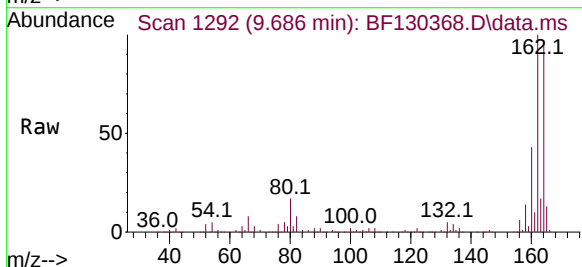
Tgt Ion:164 Resp: 215311

Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.0

160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 134.553 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130368.D

Acq: 21 Sep 2022 18:47

Instrument :

BNA\_F

ClientSampleId :

SB-01-COMP

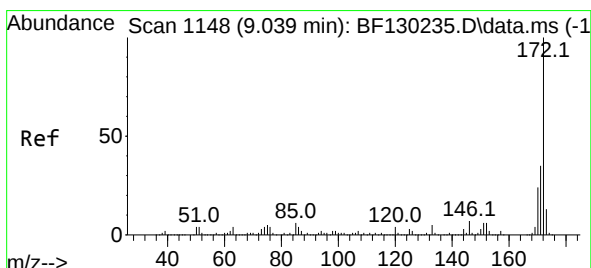
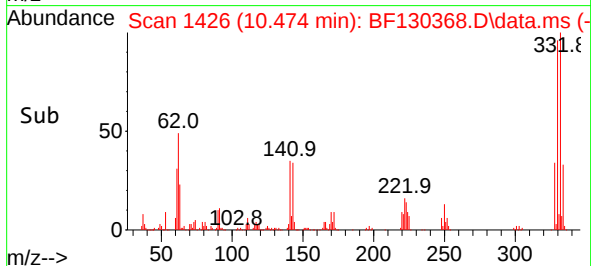
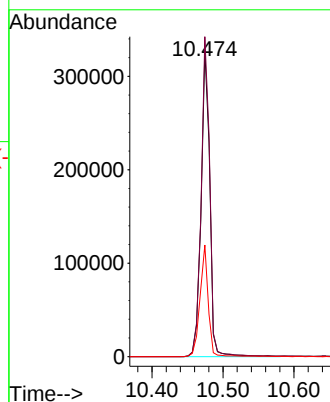
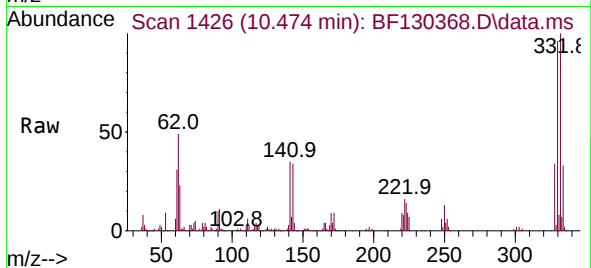
Tgt Ion:330 Resp: 277594

Ion Ratio Lower Upper

330 100

332 104.7 83.4 125.2

141 35.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 89.619 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130368.D

Acq: 21 Sep 2022 18:47

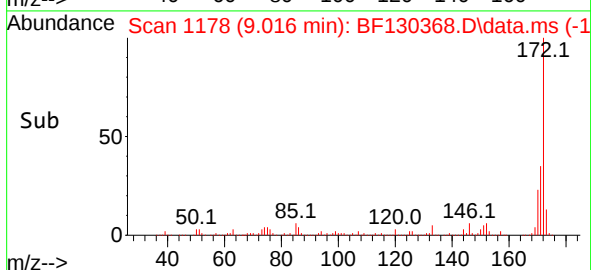
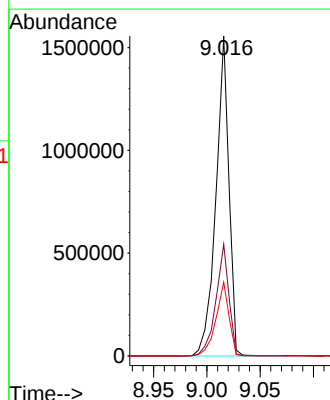
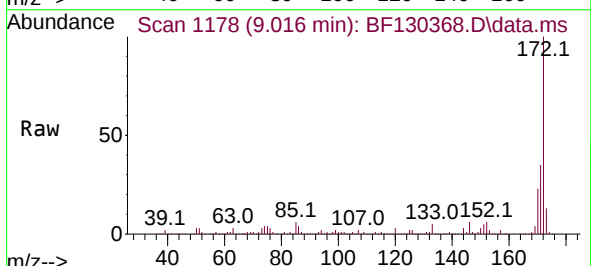
Tgt Ion:172 Resp: 1325097

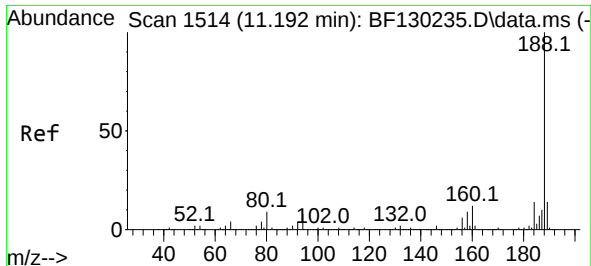
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 18.7 28.1

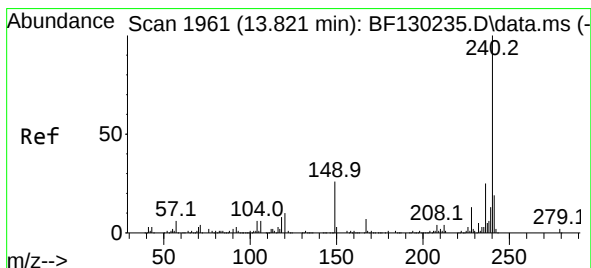
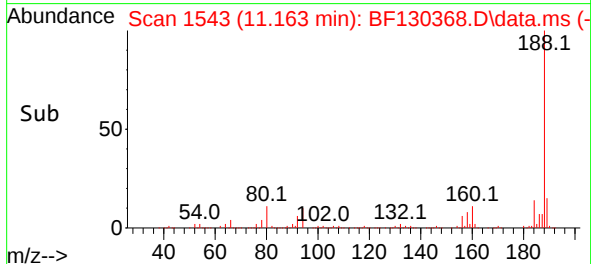
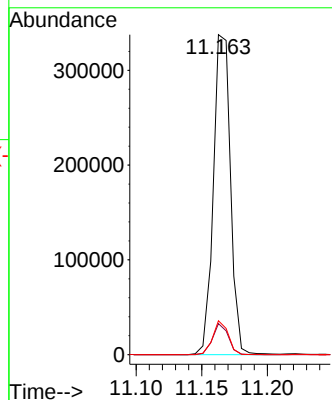
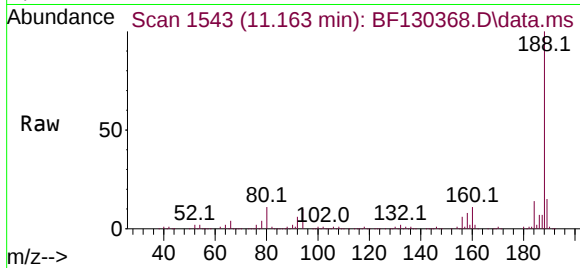




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.163 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130368.D  
Acq: 21 Sep 2022 18:47

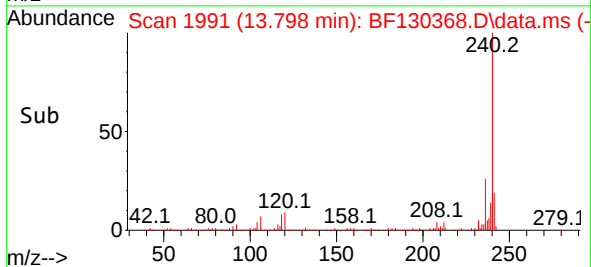
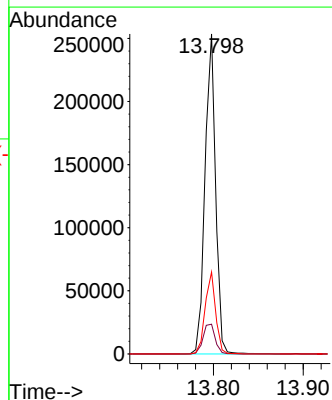
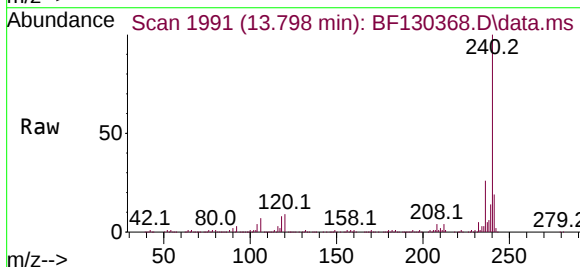
Instrument :  
BNA\_F  
ClientSampleId :  
SB-01-COMP

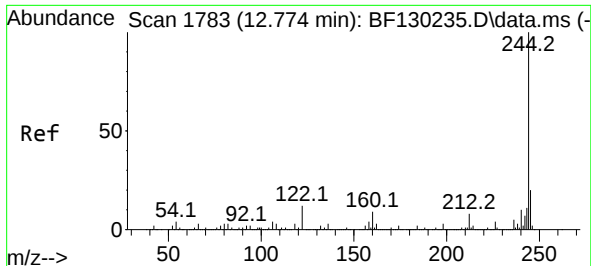
Tgt Ion:188 Resp: 307783  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.6 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.798 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF130368.D  
Acq: 21 Sep 2022 18:47

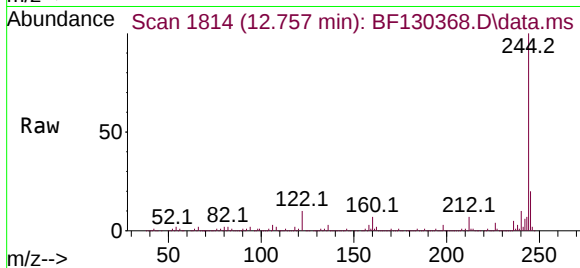
Tgt Ion:240 Resp: 207309  
Ion Ratio Lower Upper  
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120 9.3 8.7 13.1  
236 25.6 20.9 31.3



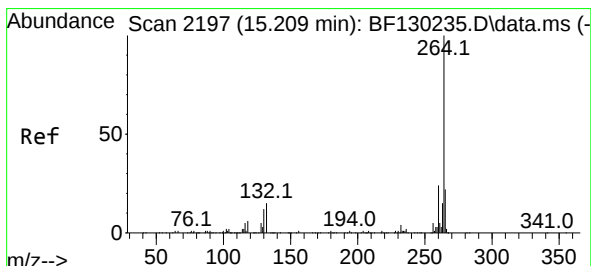
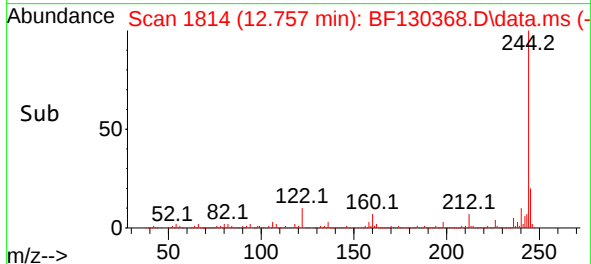
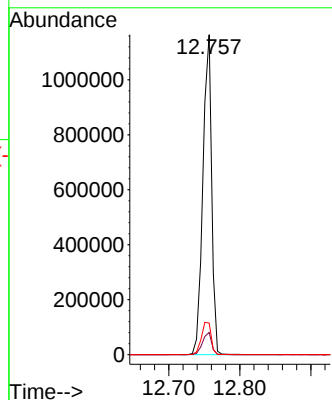


#79  
 Terphenyl-d14  
 Concen: 78.954 ng  
 RT: 12.757 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: BF130368.D  
 Acq: 21 Sep 2022 18:47

Instrument :  
 BNA\_F  
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 SB-01-COMP



Tgt Ion:244 Resp: 988102  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.9 8.9  
 122 9.9 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.192 min Scan# 2228  
 Delta R.T. 0.006 min  
 Lab File: BF130368.D  
 Acq: 21 Sep 2022 18:47

Tgt Ion:264 Resp: 217888  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.3 28.9  
 265 21.5 17.0 25.4

