

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100322\  
 Data File : BF130501.D  
 Acq On : 03 Oct 2022 16:28  
 Operator : CG\JU  
 Sample : N4888-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 REGULATORY-FOUNDATION-1

Quant Time: Oct 04 03:16:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.633  | 152  | 84115    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.922  | 136  | 355975   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.669  | 164  | 118739   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.163 | 188  | 163891   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.786 | 240  | 147501   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.174 | 264  | 155827   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.239  | 112  | 368963   | 76.081 | ng    | 0.00     |
| 7) Phenol-d6                | 6.275  | 99   | 600450   | 98.954 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.204  | 82   | 440402   | 63.205 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.463 | 330  | 56619    | 49.764 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.998  | 172  | 600120   | 73.597 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.745 | 244  | 448437   | 50.361 | ng    | 0.00     |

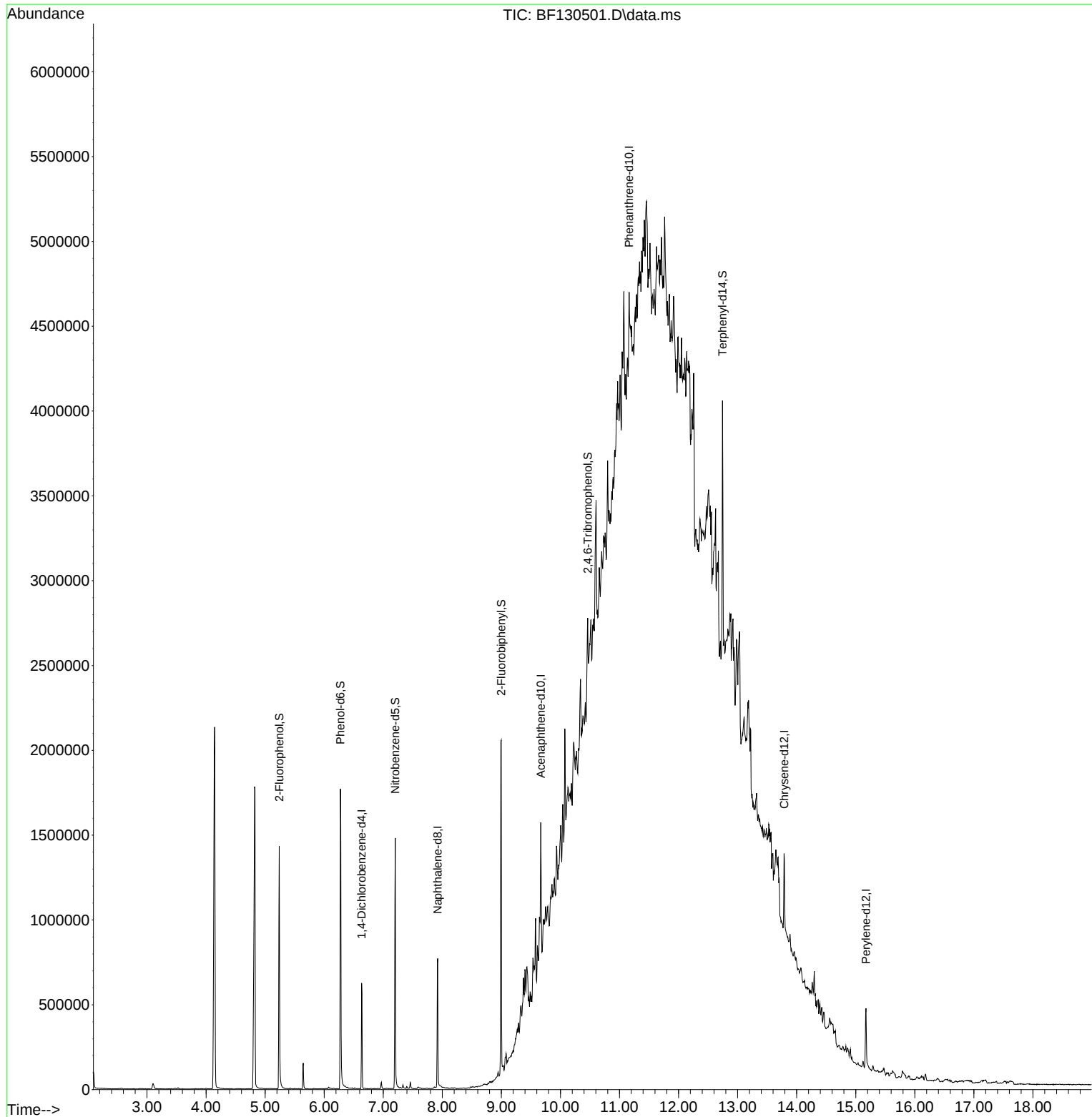
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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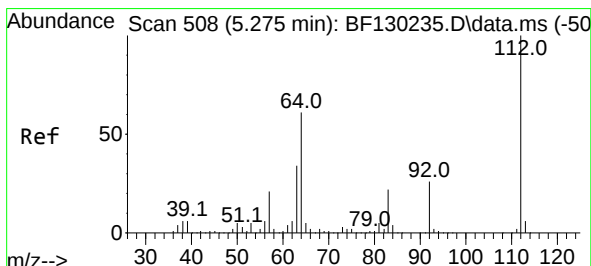
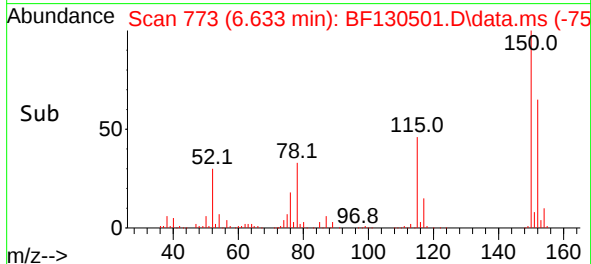
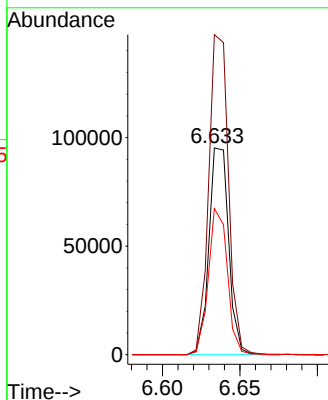
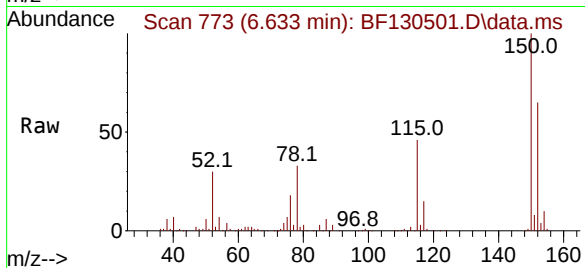




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.633 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

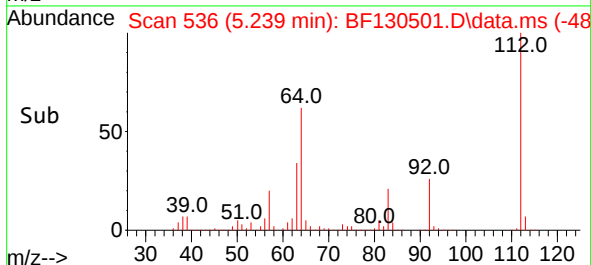
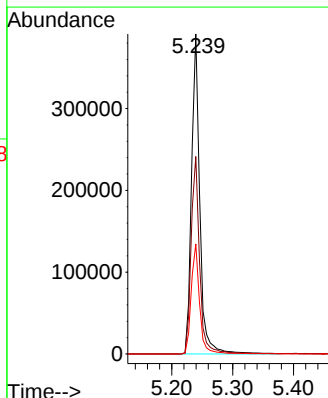
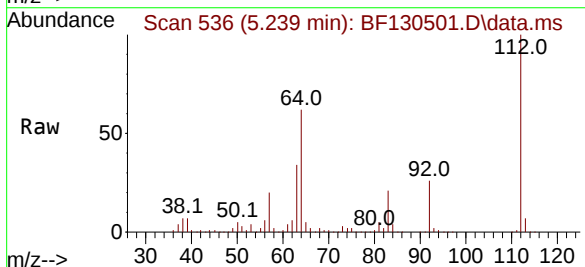
Instrument :  
BNA\_F  
ClientSampleId :  
REGULATORY-FOUNDATION-1

Tgt Ion:152 Resp: 84115  
Ion Ratio Lower Upper  
152 100  
150 154.8 122.8 184.2  
115 70.7 53.8 80.8



#5  
2-Fluorophenol  
Concen: 76.081 ng  
RT: 5.239 min Scan# 536  
Delta R.T. -0.006 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion:112 Resp: 368963  
Ion Ratio Lower Upper  
112 100  
64 61.7 51.4 77.0  
63 34.4 28.8 43.2

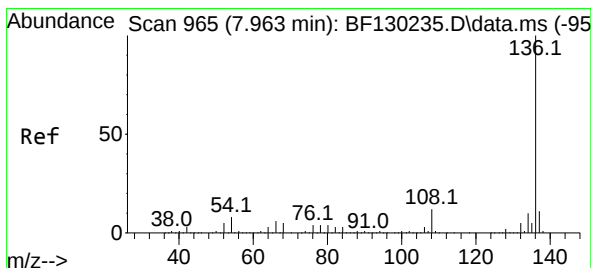
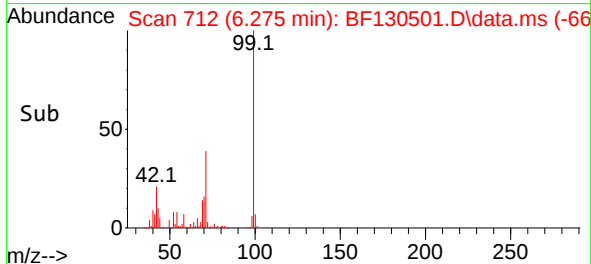
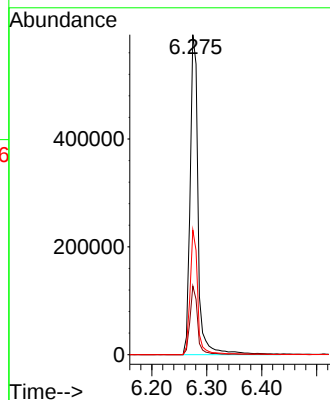
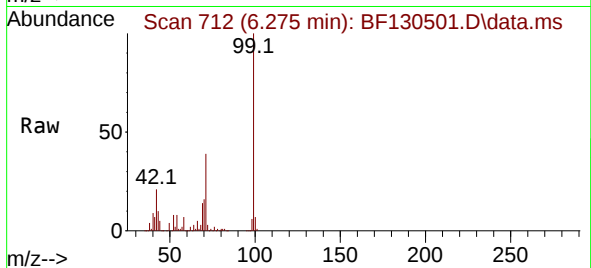




#7  
Phenol-d6  
Concen: 98.954 ng  
RT: 6.275 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

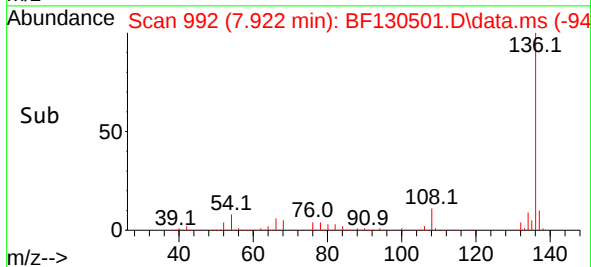
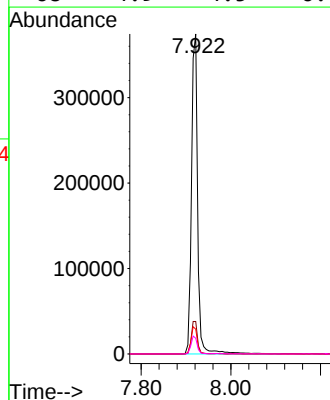
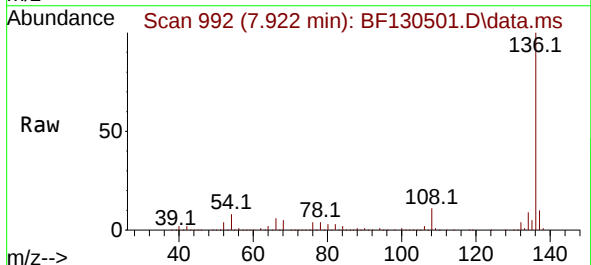
Instrument :  
BNA\_F  
ClientSampleId :  
REGULATORY-FOUNDATION-1

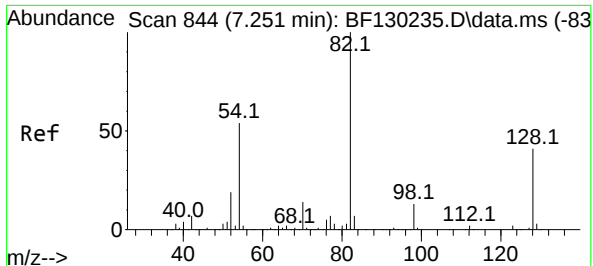
Tgt Ion: 99 Resp: 600450  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.0 25.6  
71 39.0 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF130501.D  
Acq: 03 Oct 2022 16:28

Tgt Ion: 136 Resp: 355975  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.1 13.7  
54 7.8 7.1 10.7  
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 63.205 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

Instrument :

BNA\_F

ClientSampleId :

REGULATORY-FOUNDATION-1

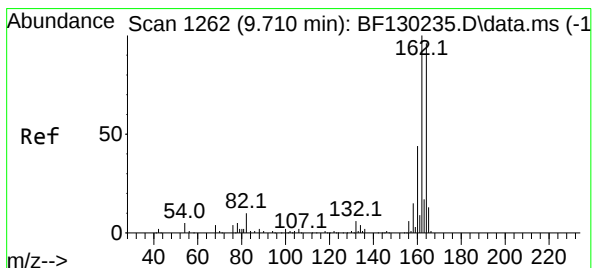
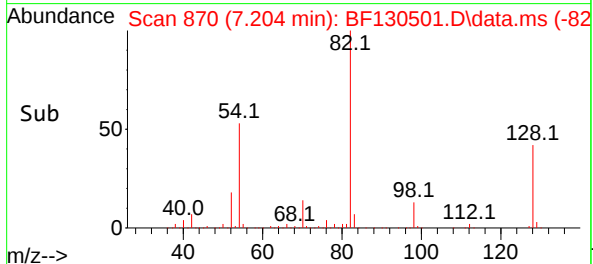
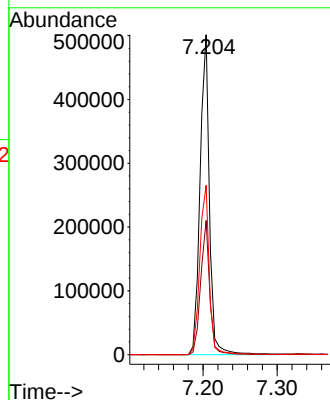
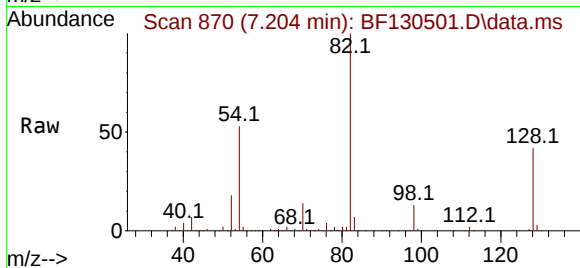
Tgt Ion: 82 Resp: 440402

Ion Ratio Lower Upper

82 100

128 41.9 32.6 49.0

54 52.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

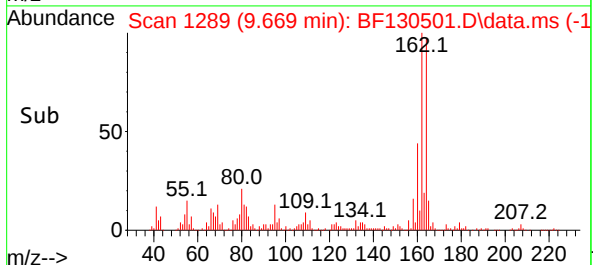
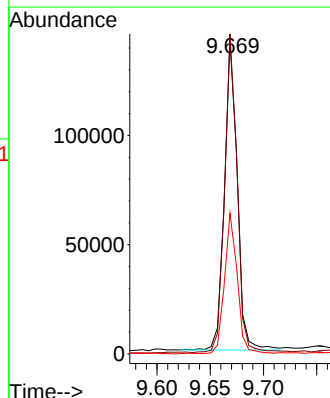
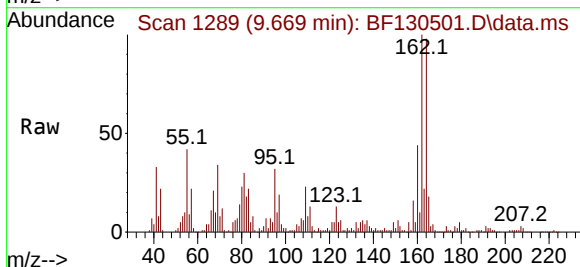
Tgt Ion:164 Resp: 118739

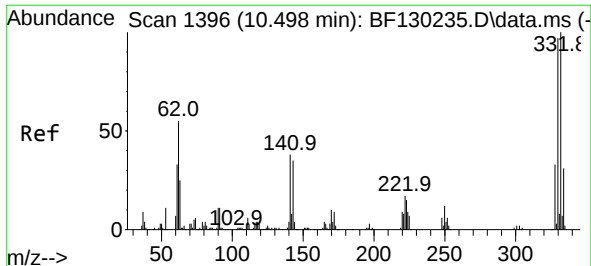
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 49.764 ng

RT: 10.463 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF130501.D

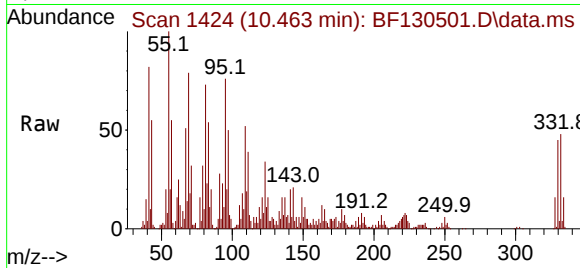
Acq: 03 Oct 2022 16:28

Instrument :

BNA\_F

ClientSampleId :

REGULATORY-FOUNDATION-1



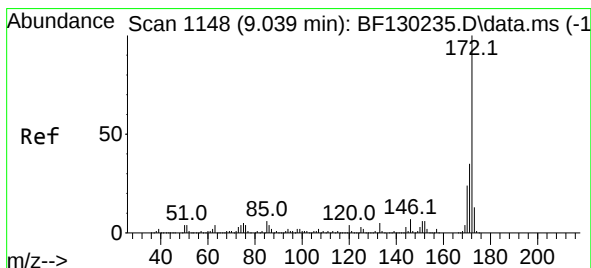
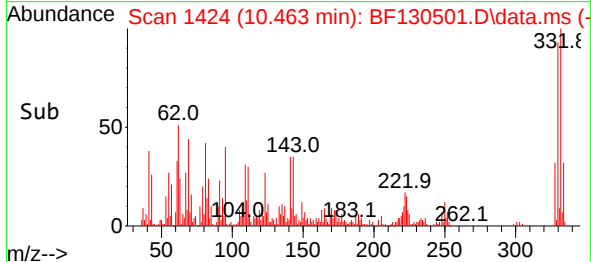
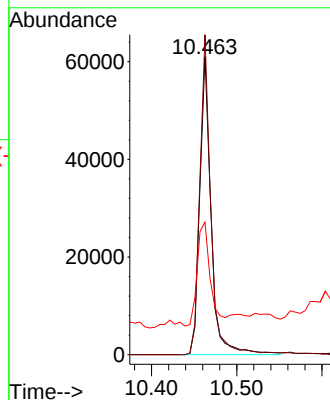
Tgt Ion:330 Resp: 56619

Ion Ratio Lower Upper

330 100

332 104.9 83.4 125.2

141 40.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 73.597 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

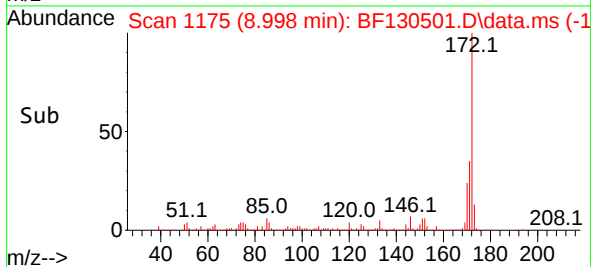
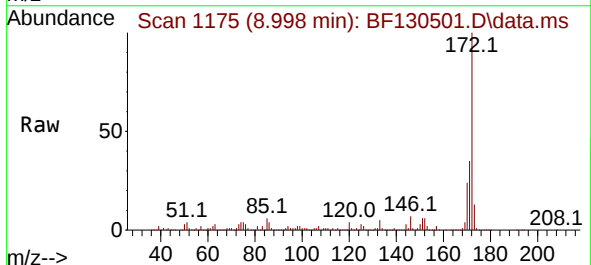
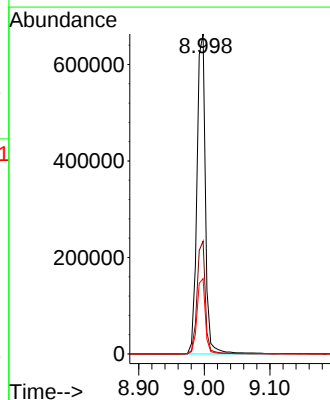
Tgt Ion:172 Resp: 600120

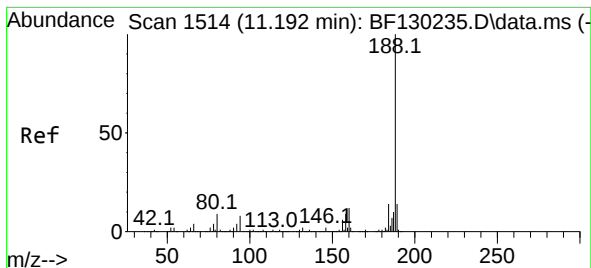
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

Instrument :

BNA\_F

ClientSampleId :

REGULATORY-FOUNDATION-1

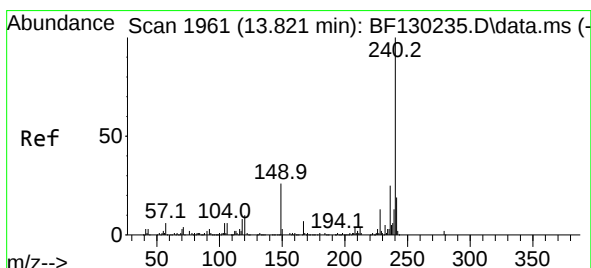
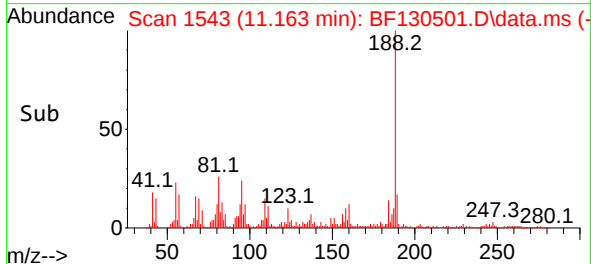
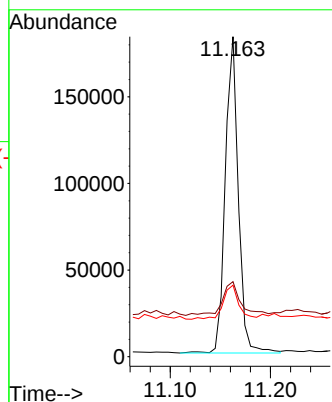
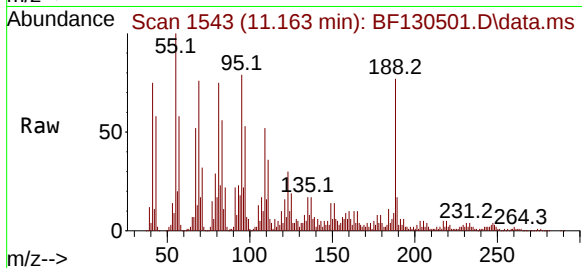
Tgt Ion:188 Resp: 163891

Ion Ratio Lower Upper

188 100

94 23.5 7.4 11.2#

80 22.4 7.9 11.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF130501.D

Acq: 03 Oct 2022 16:28

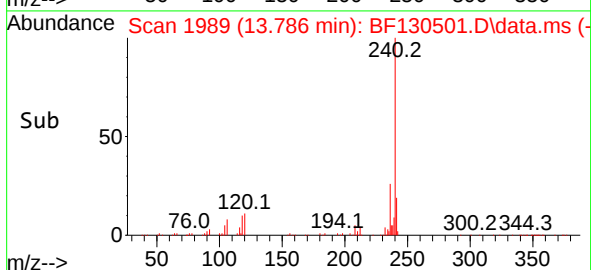
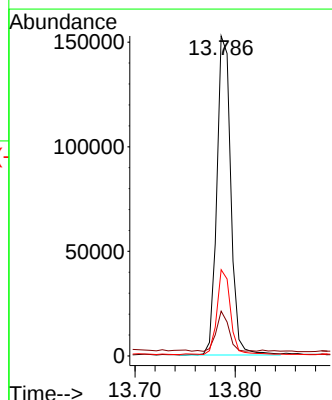
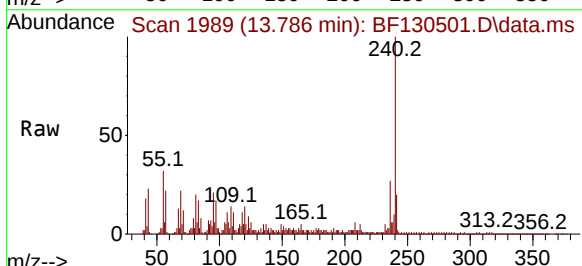
Tgt Ion:240 Resp: 147501

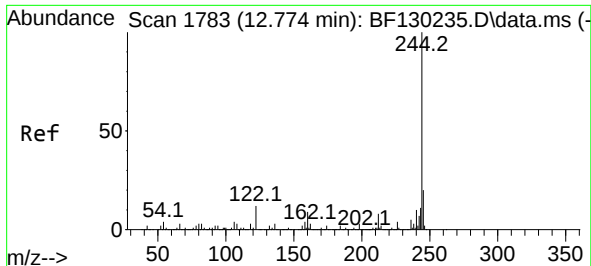
Ion Ratio Lower Upper

240 100

120 14.0 8.7 13.1#

236 27.0 20.9 31.3

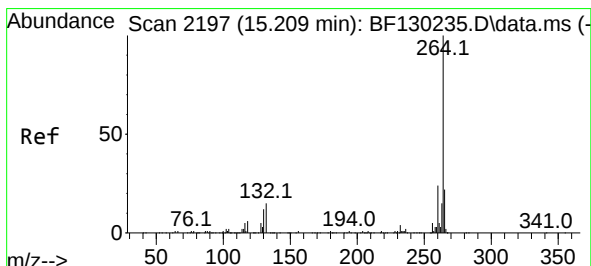
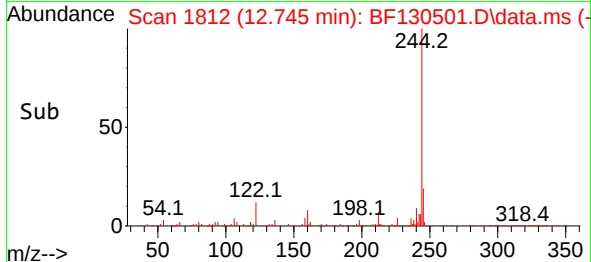
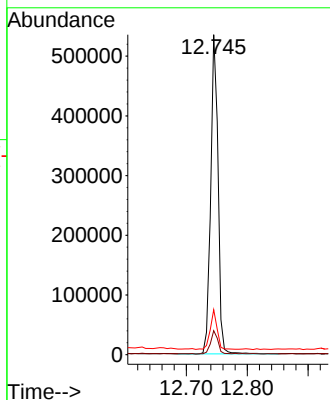
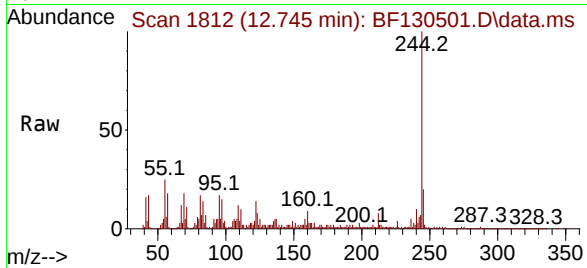




#79  
 Terphenyl-d14  
 Concen: 50.361 ng  
 RT: 12.745 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF130501.D  
 Acq: 03 Oct 2022 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 REGULATORY-FOUNDATION-1

Tgt Ion:244 Resp: 448437  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.9 8.9  
 122 14.0 8.5 12.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.174 min Scan# 2225  
 Delta R.T. -0.000 min  
 Lab File: BF130501.D  
 Acq: 03 Oct 2022 16:28

Tgt Ion:264 Resp: 155827  
 Ion Ratio Lower Upper  
 264 100  
 260 22.4 19.3 28.9  
 265 21.0 17.0 25.4

