

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082622\  
 Data File : BF130028.D  
 Acq On : 26 Aug 2022 20:19  
 Operator : CG\JU  
 Sample : N4379-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04-12-13

Quant Time: Aug 27 06:12:47 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 25 14:45:09 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.745  | 152  | 121091   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.028  | 136  | 440719   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.781  | 164  | 186894   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.269 | 188  | 267375   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.916 | 240  | 243423   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.363 | 264  | 180526   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.393  | 112  | 795619   | 108.786 | ng    | 0.00     |
| 7) Phenol-d6                | 6.410  | 99   | 969000   | 105.802 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.322  | 82   | 617590   | 75.015  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.581 | 330  | 167625   | 89.364  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.104  | 172  | 1018020  | 82.730  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.851 | 244  | 897820   | 61.371  | ng    | -0.01    |

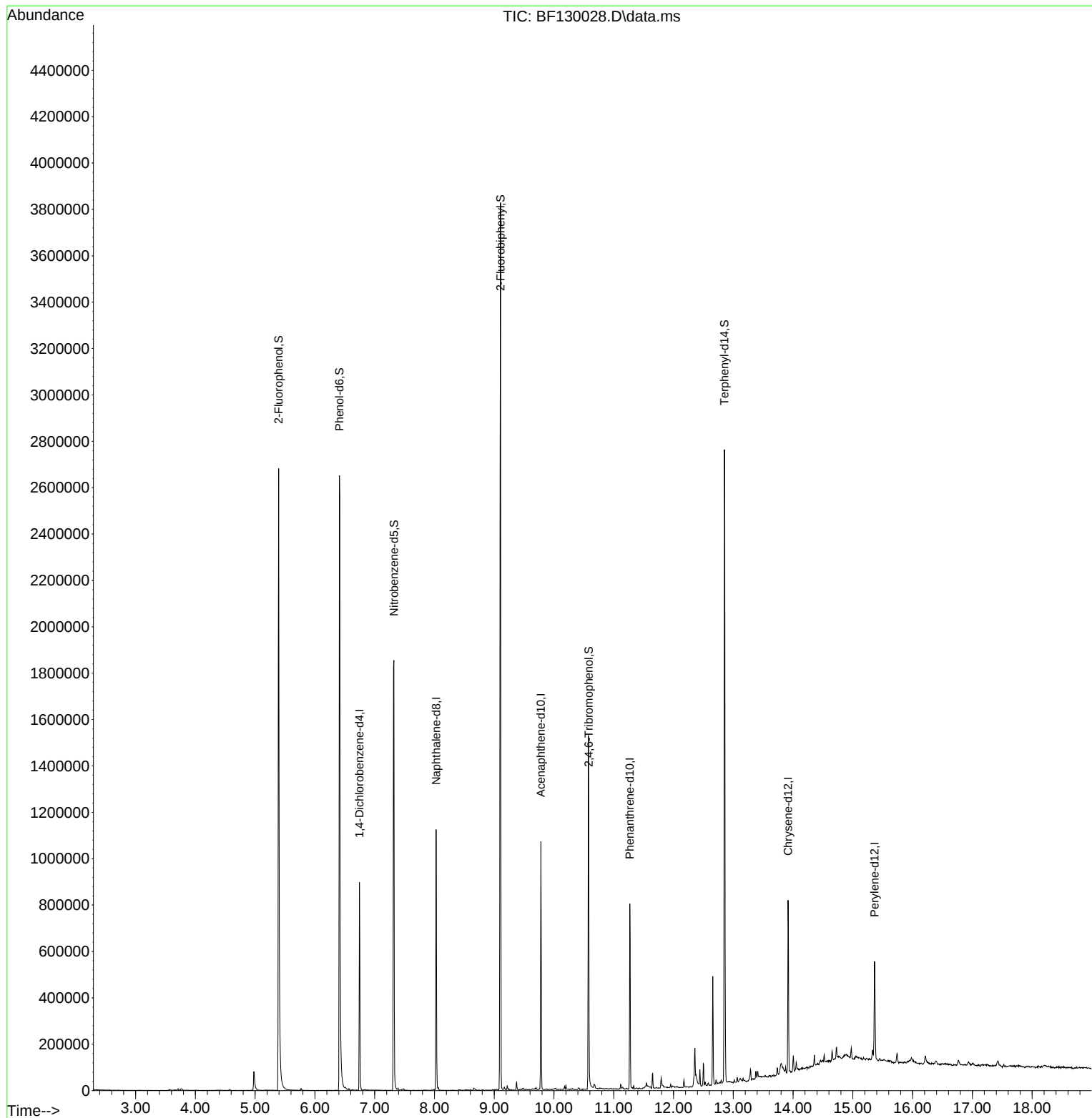
Target Compounds Qvalue

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

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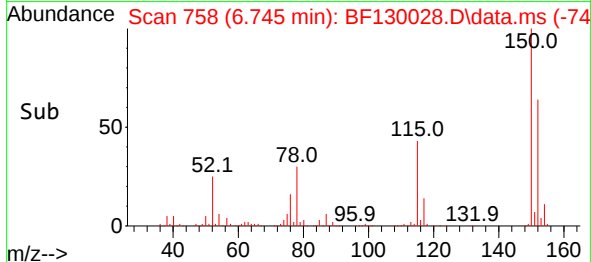
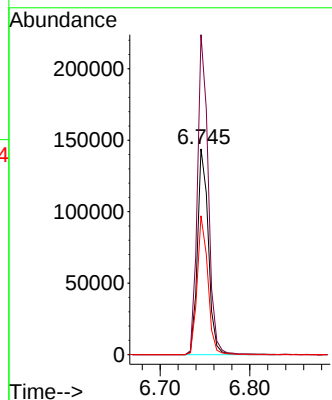
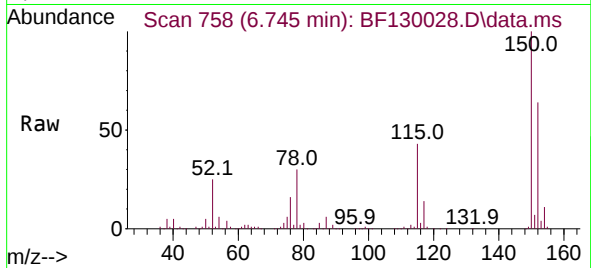




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.745 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

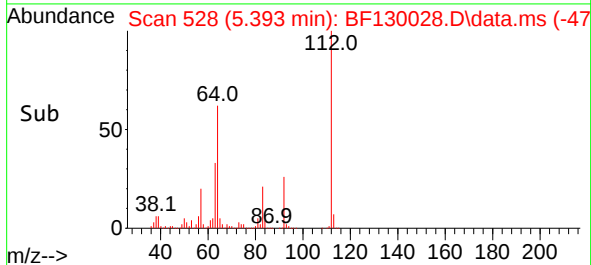
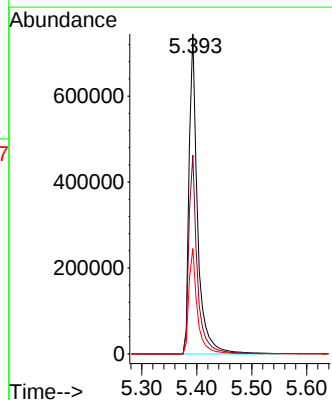
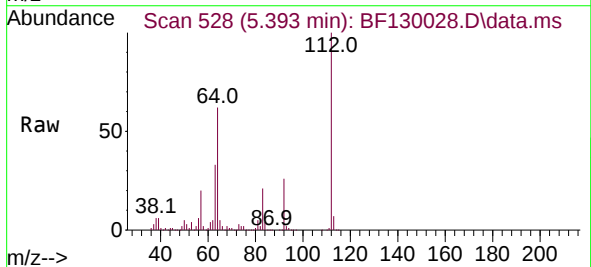
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

Tgt Ion:152 Resp: 121091  
Ion Ratio Lower Upper  
152 100  
150 155.6 126.9 190.3  
115 67.5 53.4 80.0



#5  
2-Fluorophenol  
Concen: 108.786 ng  
RT: 5.393 min Scan# 528  
Delta R.T. 0.000 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion:112 Resp: 795619  
Ion Ratio Lower Upper  
112 100  
64 62.1 47.6 71.4  
63 32.9 24.6 37.0

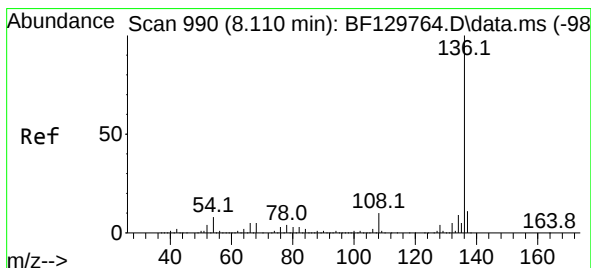
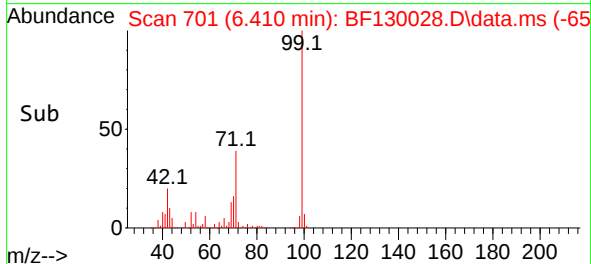
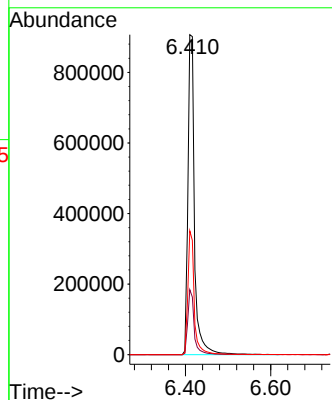
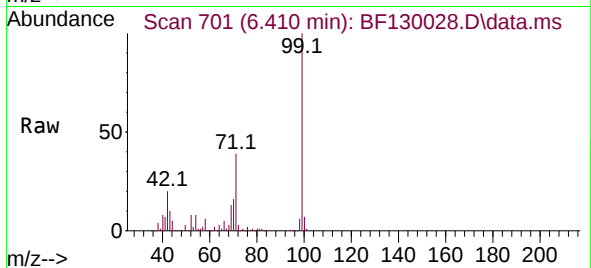




#7  
Phenol-d6  
Concen: 105.802 ng  
RT: 6.410 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

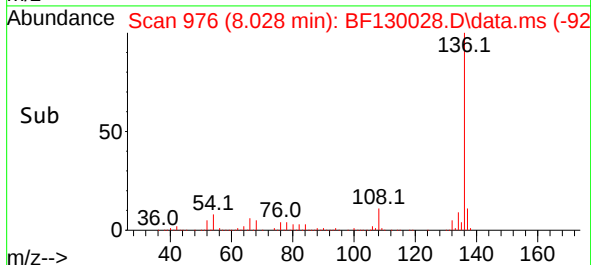
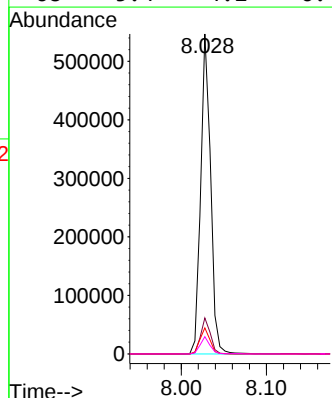
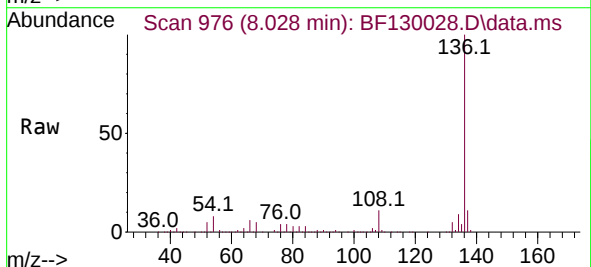
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

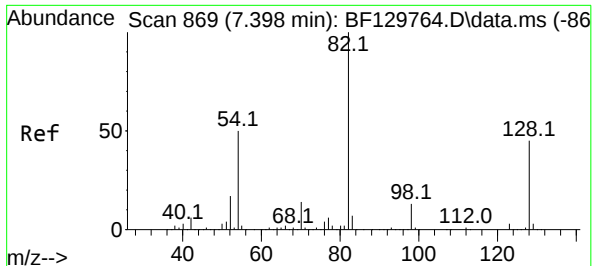
Tgt Ion: 99 Resp: 969000  
Ion Ratio Lower Upper  
99 100  
42 20.3 15.0 22.4  
71 38.7 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.028 min Scan# 976  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion: 136 Resp: 440719  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 8.1 6.2 9.2  
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 75.015 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

Instrument :

BNA\_F

ClientSampleId :

SB-04-12-13

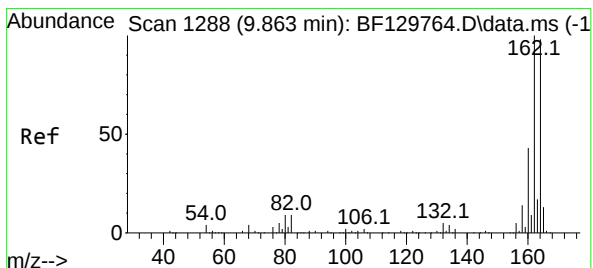
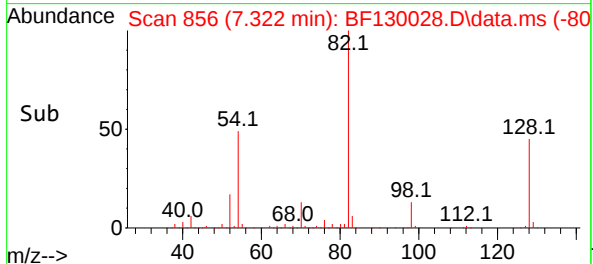
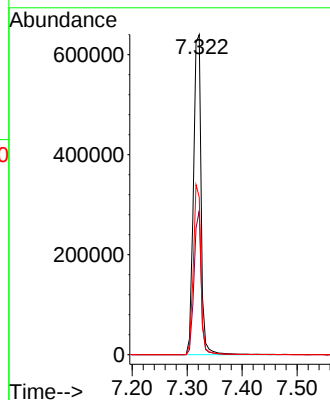
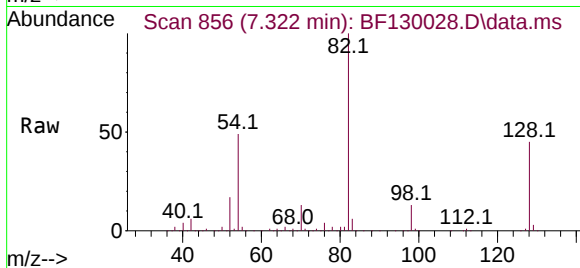
Tgt Ion: 82 Resp: 617590

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 49.2 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

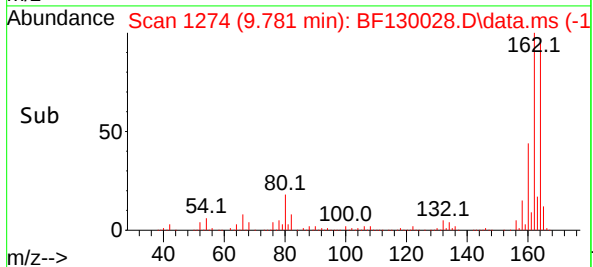
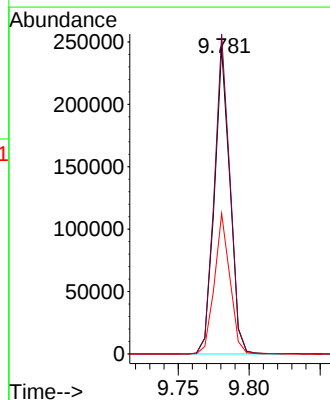
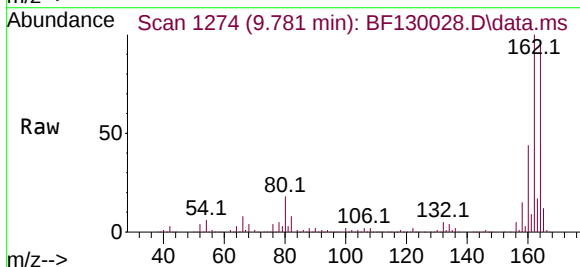
Tgt Ion: 164 Resp: 186894

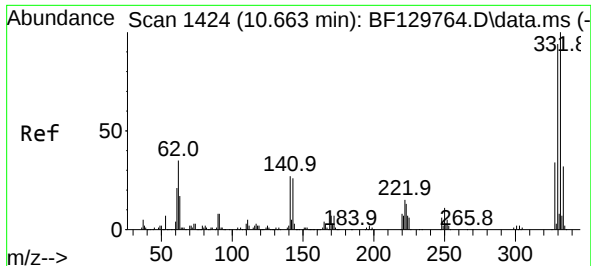
Ion Ratio Lower Upper

164 100

162 104.6 82.0 123.0

160 45.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 89.364 ng

RT: 10.581 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

Instrument :

BNA\_F

ClientSampleId :

SB-04-12-13

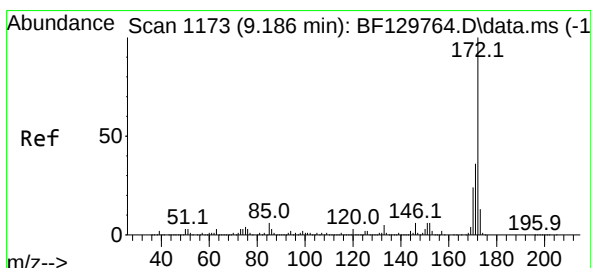
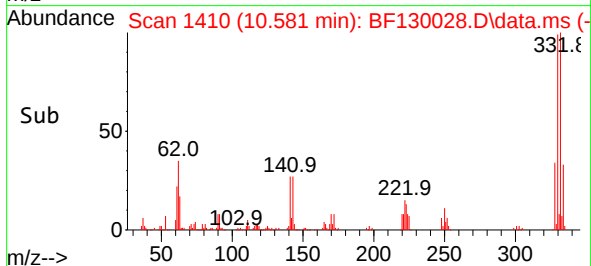
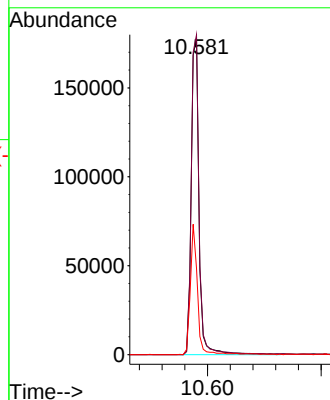
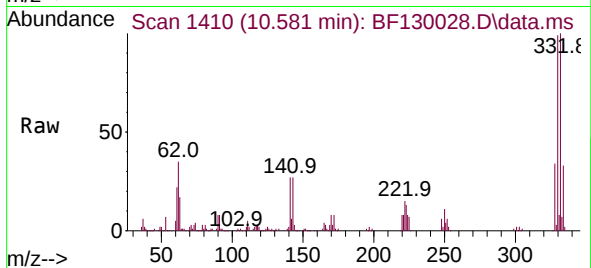
Tgt Ion:330 Resp: 167625

Ion Ratio Lower Upper

330 100

332 101.2 82.6 124.0

141 37.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 82.730 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

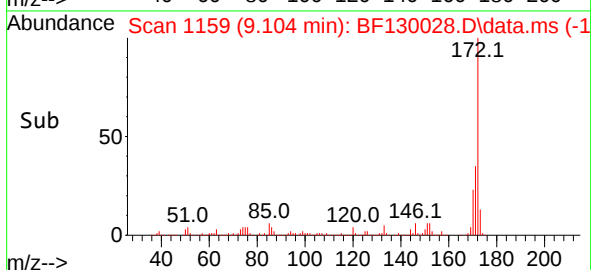
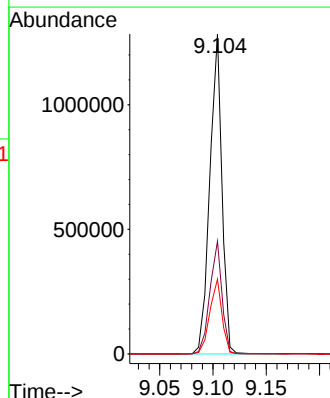
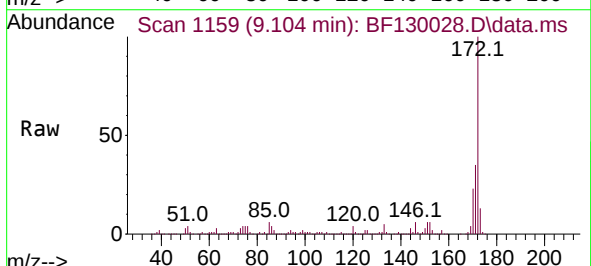
Tgt Ion:172 Resp: 1018020

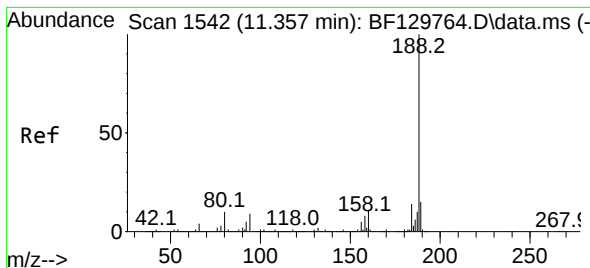
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

Instrument :

BNA\_F

ClientSampleId :

SB-04-12-13

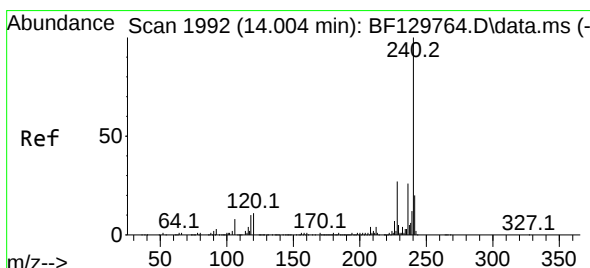
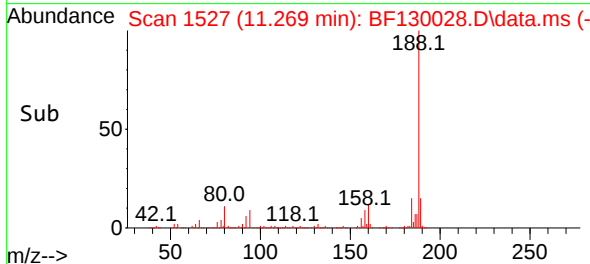
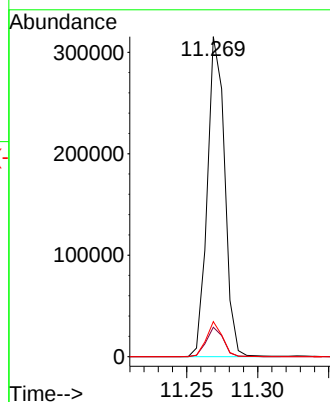
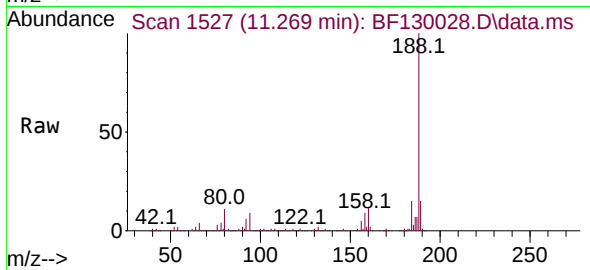
Tgt Ion:188 Resp: 267375

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

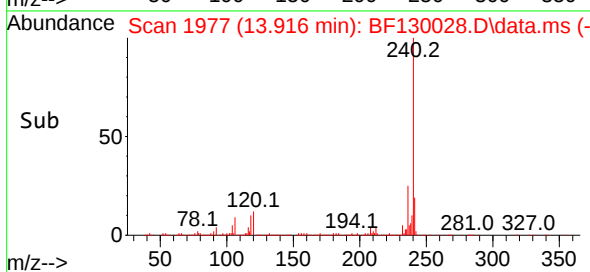
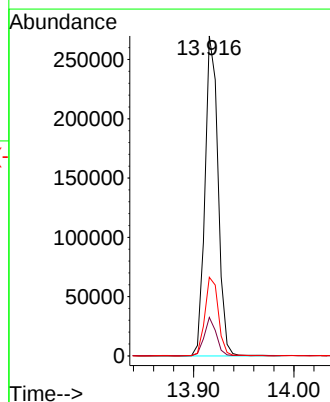
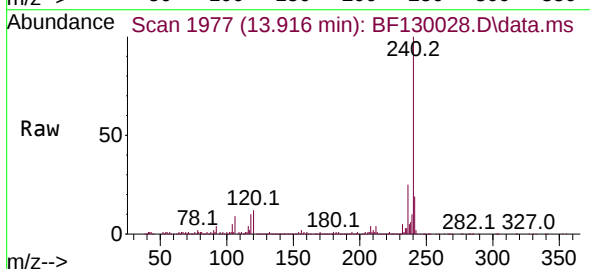
Tgt Ion:240 Resp: 243423

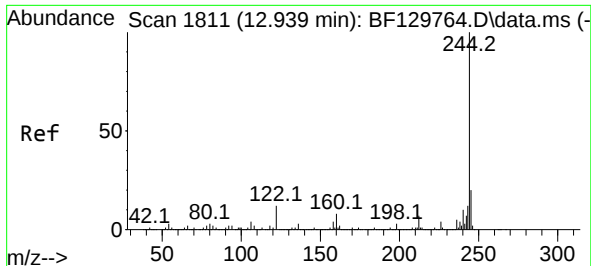
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 24.6 20.7 31.1

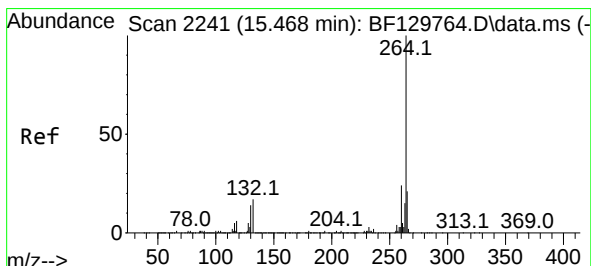
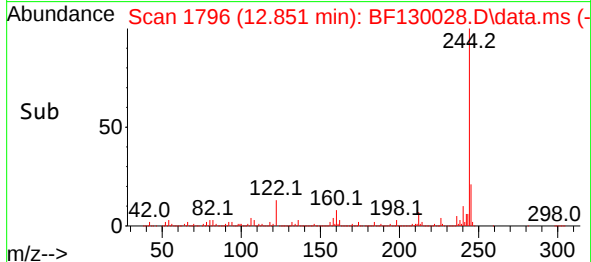
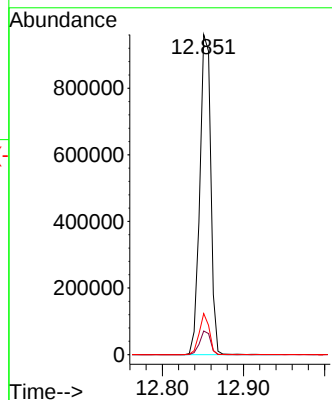
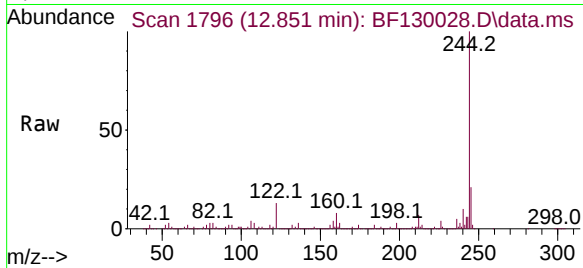




#79  
 Terphenyl-d14  
 Concen: 61.371 ng  
 RT: 12.851 min Scan# 1796  
 Delta R.T. -0.012 min  
 Lab File: BF130028.D  
 Acq: 26 Aug 2022 20:19

Instrument :  
 BNA\_F  
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 SB-04-12-13

Tgt Ion:244 Resp: 897820  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 12.8 9.9 14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.363 min Scan# 2223  
 Delta R.T. -0.006 min  
 Lab File: BF130028.D  
 Acq: 26 Aug 2022 20:19

Tgt Ion:264 Resp: 180526  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.1 28.7  
 265 21.5 16.7 25.1

