

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092622\  
 Data File : BF130410.D  
 Acq On : 26 Sep 2022 16:10  
 Operator : CG\JU  
 Sample : N4742-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Quant Time: Sep 27 01:06:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 27 01:00:47 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.651  | 152  | 91626    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.934  | 136  | 355649   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.686  | 164  | 176120   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.163 | 188  | 254547   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.798 | 240  | 159052   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.192 | 264  | 202401   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.263  | 112  | 770939   | 145.937 | ng    | 0.02     |
| 7) Phenol-d6                | 6.298  | 99   | 956942   | 144.775 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.222  | 82   | 607951   | 87.331  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.475 | 330  | 243813   | 144.476 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.016  | 172  | 1123911  | 92.927  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.757 | 244  | 769994   | 80.193  | ng    | 0.00     |

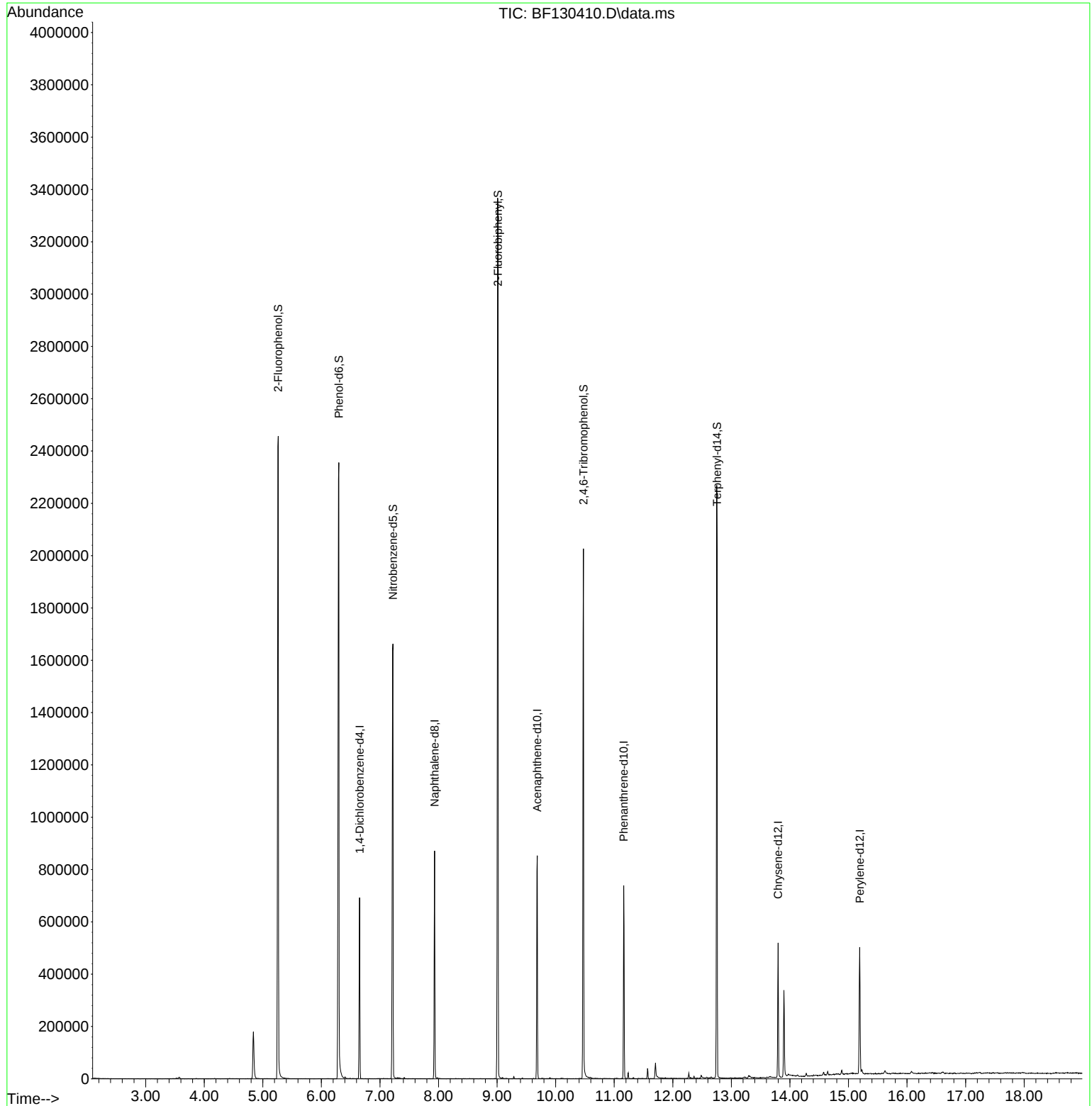
Target Compounds Qvalue

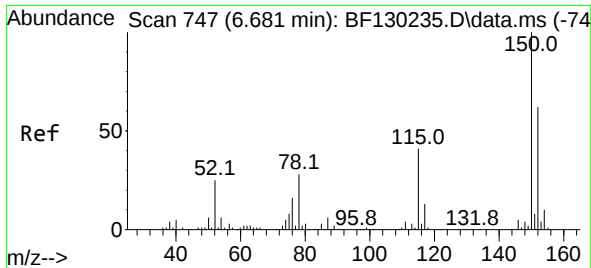
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 27 01:00:47 2022  
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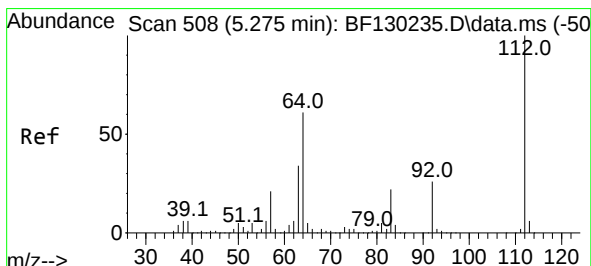
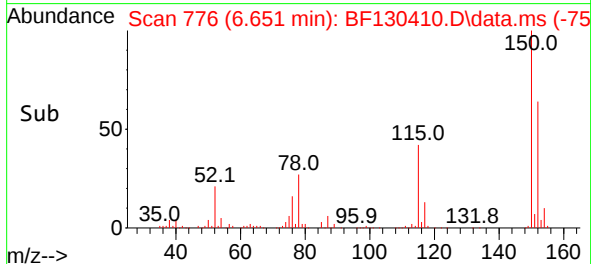
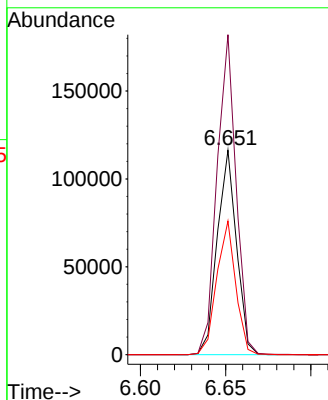
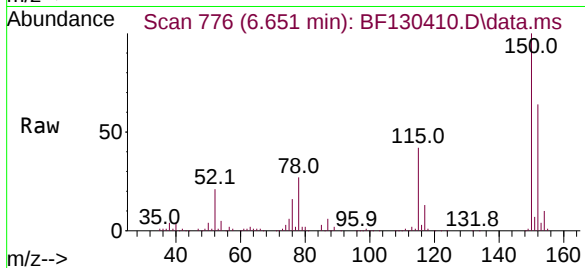




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.651 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF130410.D  
 Acq: 26 Sep 2022 16:10

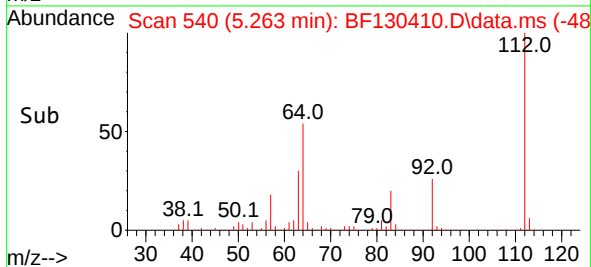
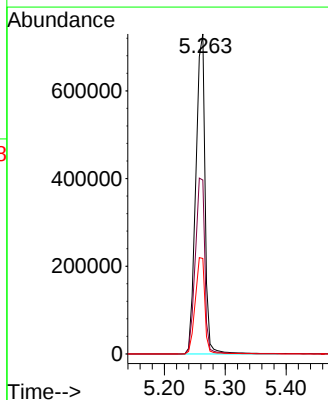
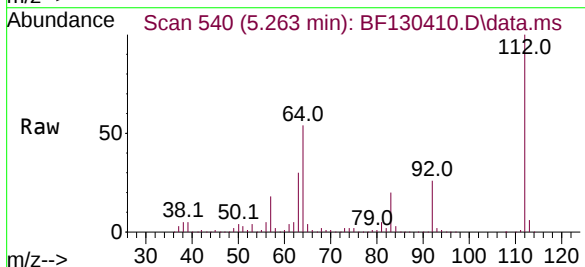
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

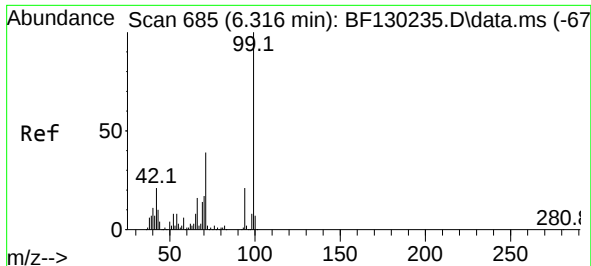
Tgt Ion:152 Resp: 91626  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 122.8 184.2  
 115 65.3 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 145.937 ng  
 RT: 5.263 min Scan# 540  
 Delta R.T. 0.018 min  
 Lab File: BF130410.D  
 Acq: 26 Sep 2022 16:10

Tgt Ion:112 Resp: 770939  
 Ion Ratio Lower Upper  
 112 100  
 64 54.3 51.4 77.0  
 63 29.8 28.8 43.2





#7  
Phenol-d6  
Concen: 144.775 ng  
RT: 6.298 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

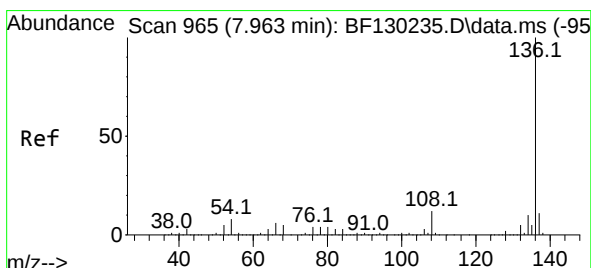
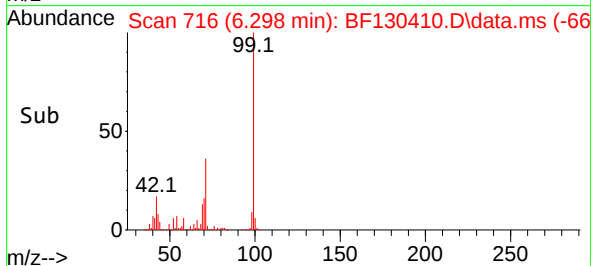
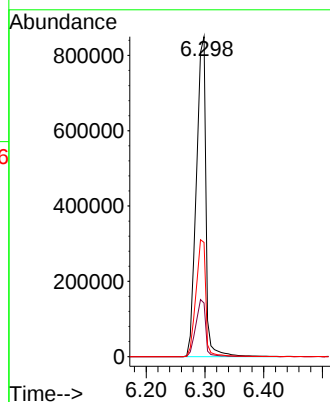
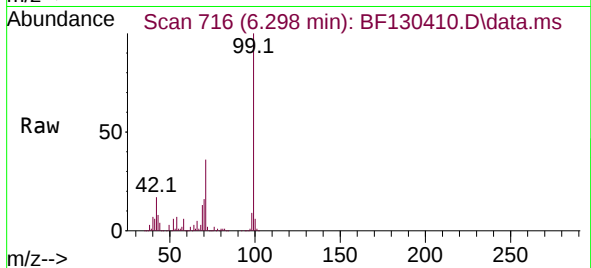
Instrument :

BNA\_F

ClientSampleId :

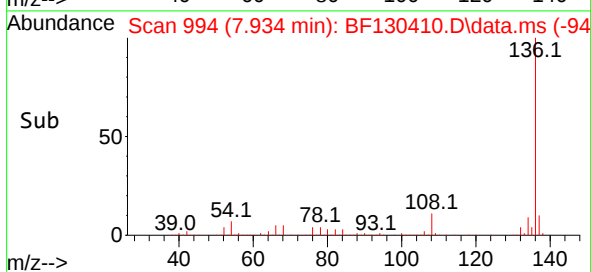
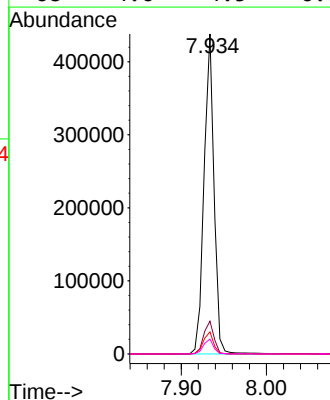
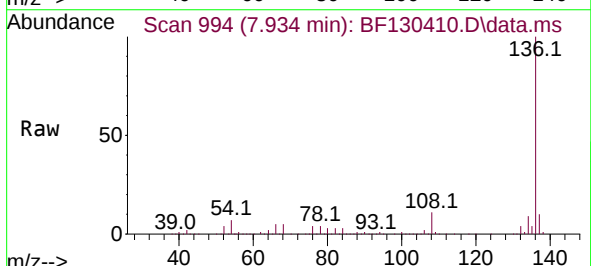
SB-05-COMP

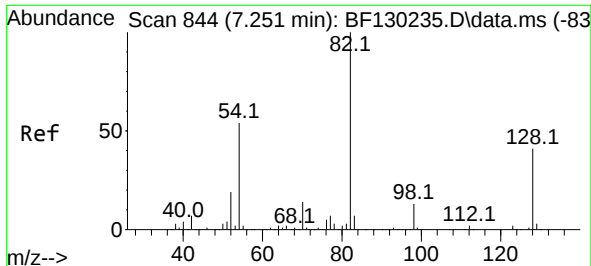
Tgt Ion: 99 Resp: 956942  
Ion Ratio Lower Upper  
99 100  
42 16.7 17.0 25.6#  
71 35.7 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.934 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion: 136 Resp: 355649  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.1 13.7  
54 6.9 7.1 10.7#  
68 4.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 87.331 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130410.D

Acq: 26 Sep 2022 16:10

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP

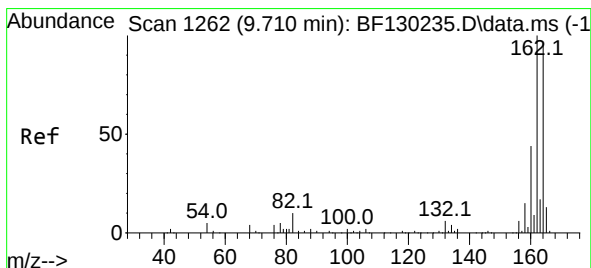
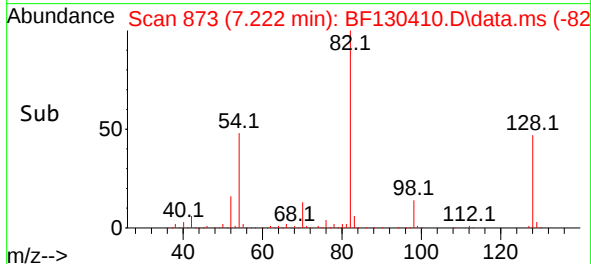
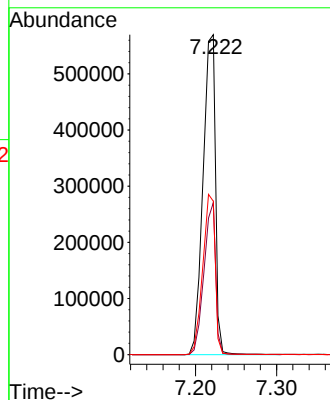
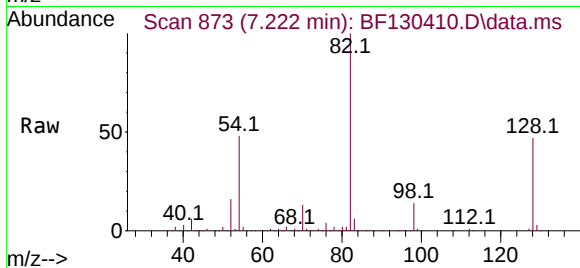
Tgt Ion: 82 Resp: 607951

Ion Ratio Lower Upper

82 100

128 47.5 32.6 49.0

54 47.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.000 min

Lab File: BF130410.D

Acq: 26 Sep 2022 16:10

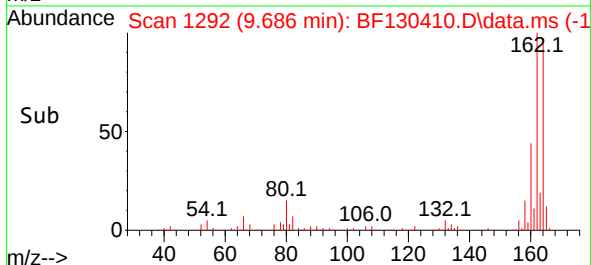
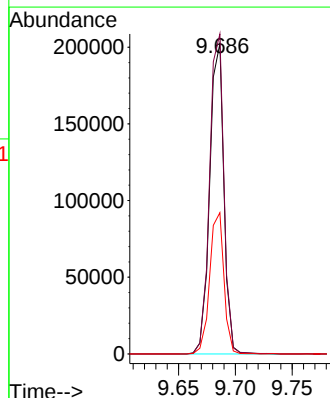
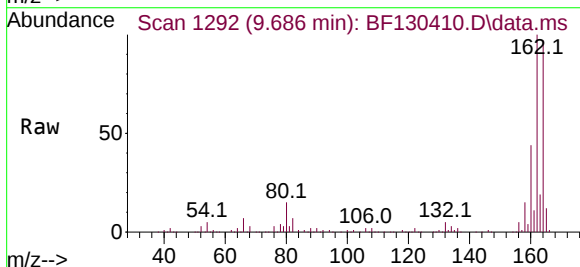
Tgt Ion:164 Resp: 176120

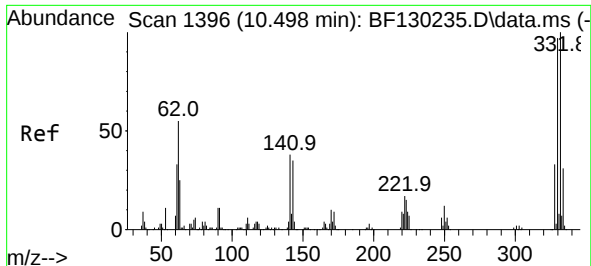
Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

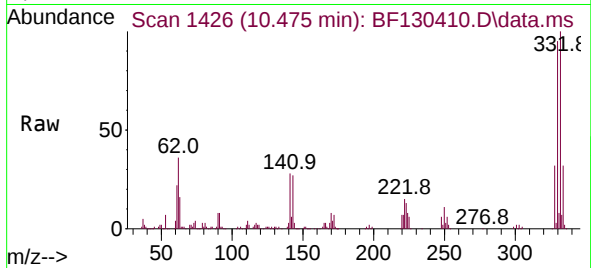
160 45.5 36.2 54.4



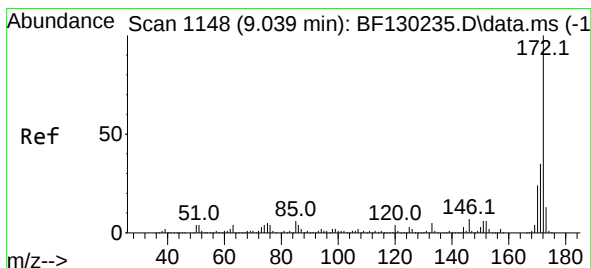
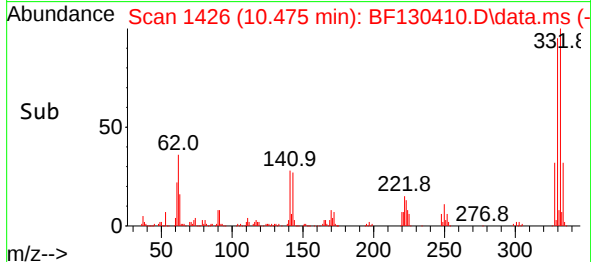
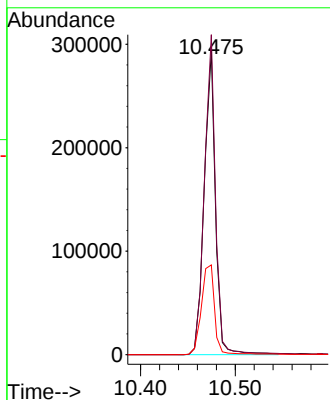


#42  
2,4,6-Tribromophenol  
Concen: 144.476 ng  
RT: 10.475 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
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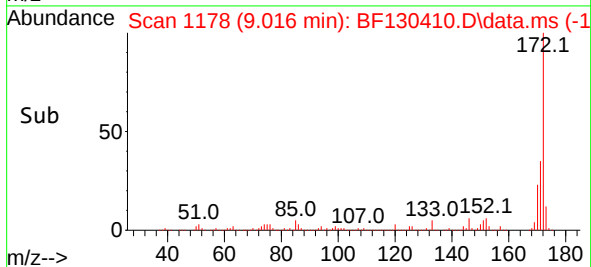
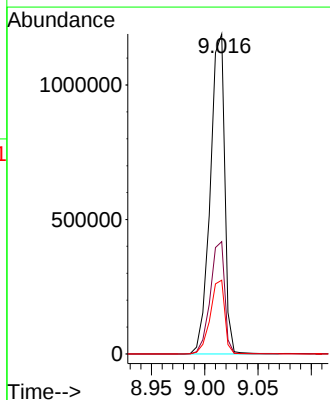
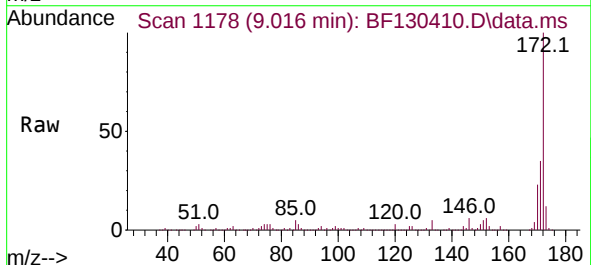


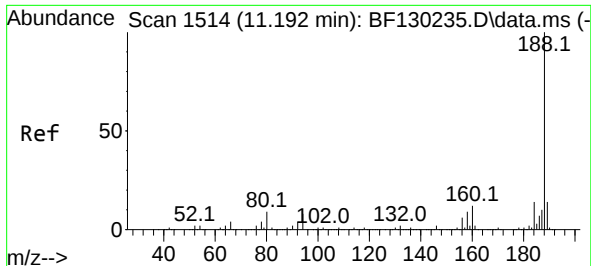
Tgt Ion:330 Resp: 243813  
Ion Ratio Lower Upper  
330 100  
332 104.7 83.4 125.2  
141 34.8 34.0 51.0



#45  
2-Fluorobiphenyl  
Concen: 92.927 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion:172 Resp: 1123911  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.3 42.5  
170 23.0 18.7 28.1

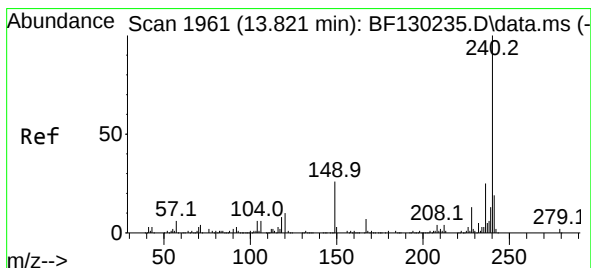
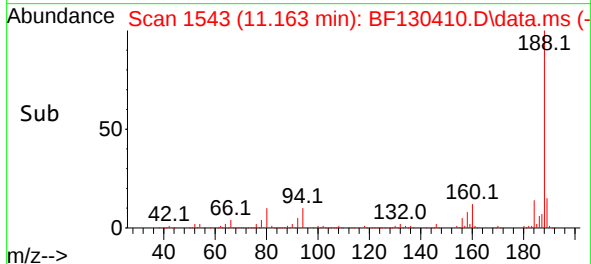
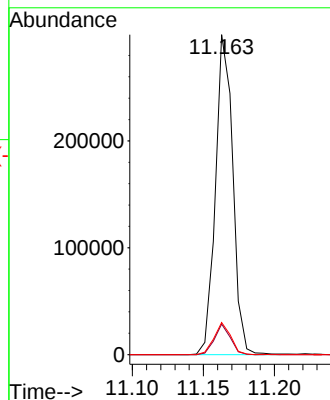
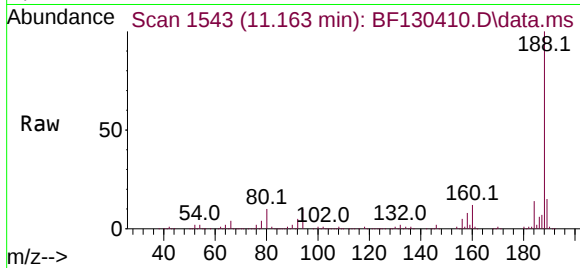




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.163 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

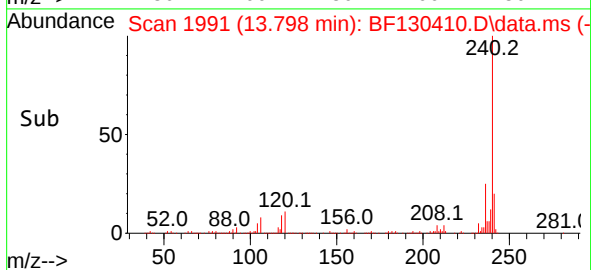
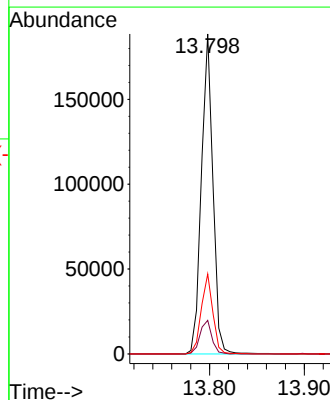
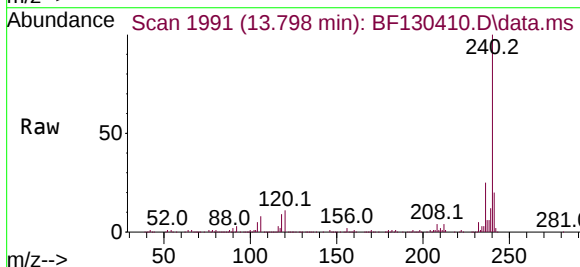
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

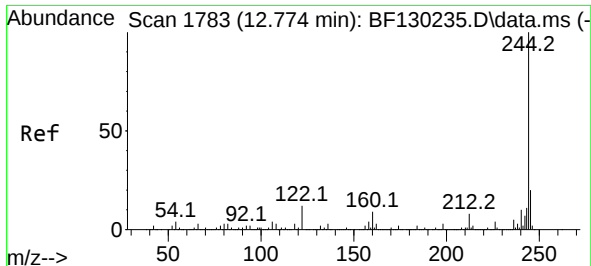
Tgt Ion:188 Resp: 254547  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.4 11.2  
80 10.0 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.798 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

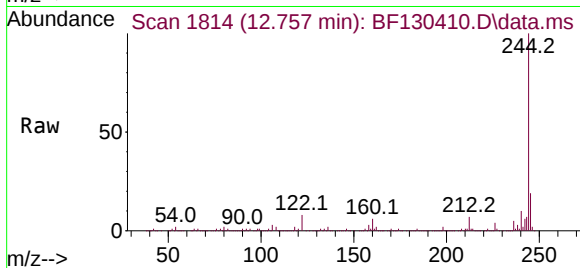
Tgt Ion:240 Resp: 159052  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.7 13.1  
236 25.0 20.9 31.3



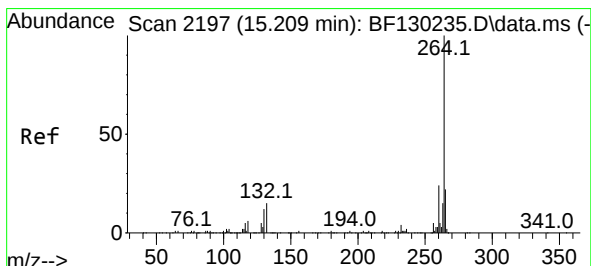
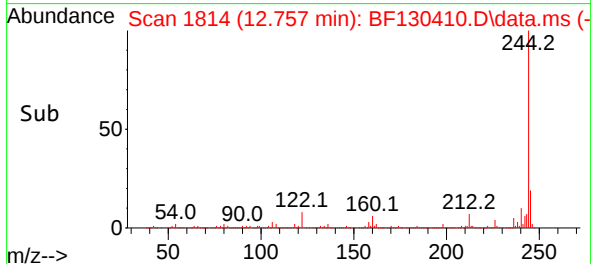
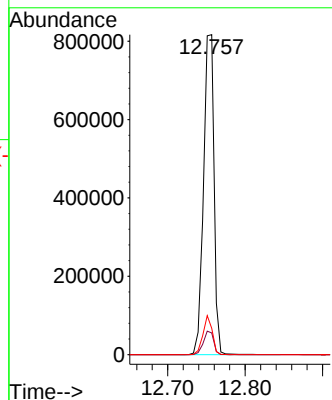


#79  
 Terphenyl-d14  
 Concen: 80.193 ng  
 RT: 12.757 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: BF130410.D  
 Acq: 26 Sep 2022 16:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 769994  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.9 8.9  
 122 8.2 8.5 12.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.192 min Scan# 2228  
 Delta R.T. -0.000 min  
 Lab File: BF130410.D  
 Acq: 26 Sep 2022 16:10

Tgt Ion:264 Resp: 202401  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.3 28.9  
 265 21.1 17.0 25.4

