

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101222\  
 Data File : BF130636.D  
 Acq On : 12 Oct 2022 18:33  
 Operator : CG\JU  
 Sample : N5066-20  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C21(20-21)

Quant Time: Oct 13 05:46:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:52:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.586  | 152  | 80610    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.869  | 136  | 323822   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.616  | 164  | 173748   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.092 | 188  | 290759   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.721 | 240  | 154278   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.098 | 264  | 149731   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.210  | 112  | 695243   | 155.465 | ng    | 0.02     |
| 7) Phenol-d6                | 6.239  | 99   | 771082   | 137.141 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.157  | 82   | 602411   | 101.556 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.404 | 330  | 294341   | 173.130 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.945  | 172  | 1185694  | 103.370 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.680 | 244  | 1216847  | 130.909 | ng    | 0.00     |

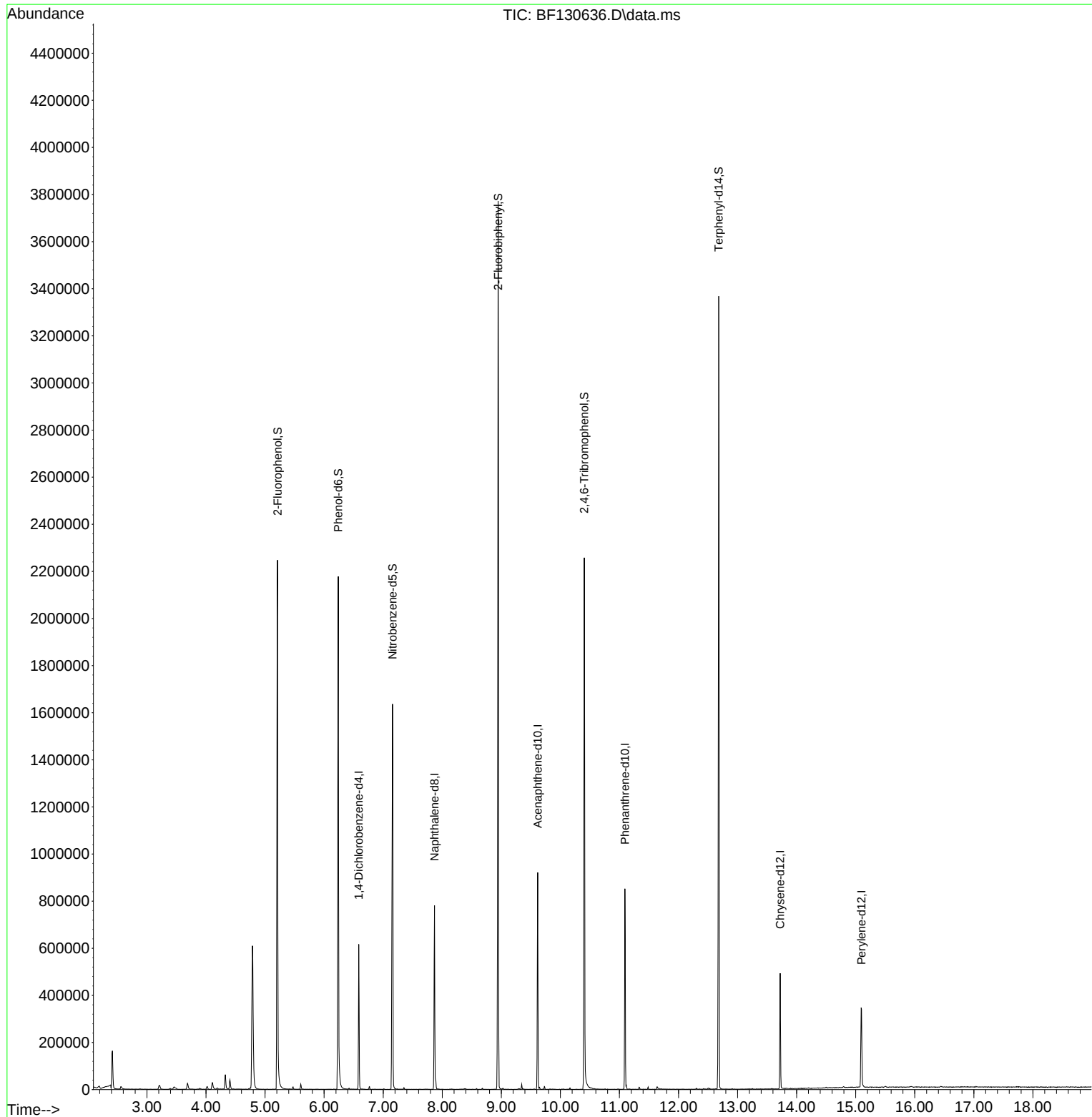
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

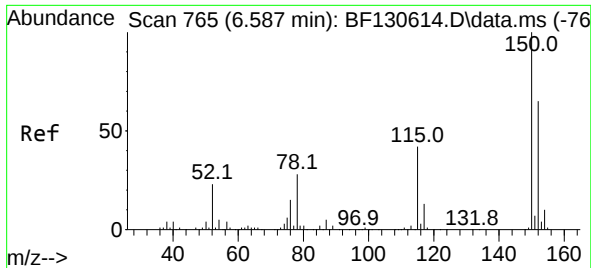
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C21(20-21)

Quant Time: Oct 13 05:46:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 12 06:52:52 2022  
Response via : Initial Calibration

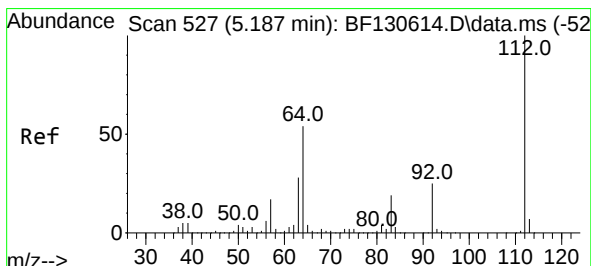
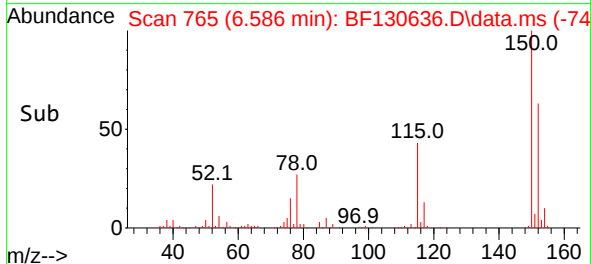
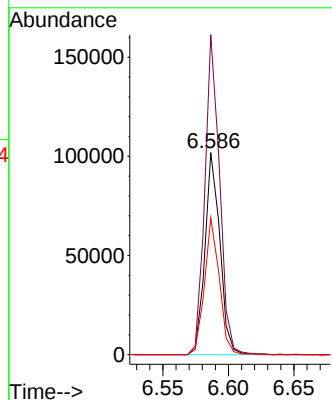
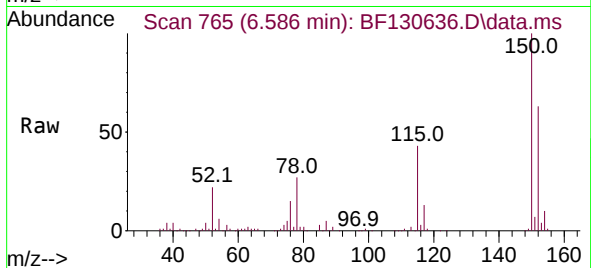




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.586 min Scan# 765  
Delta R.T. -0.001 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

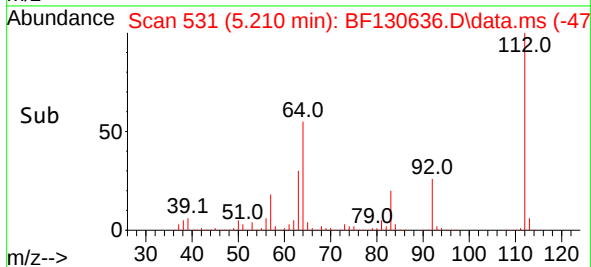
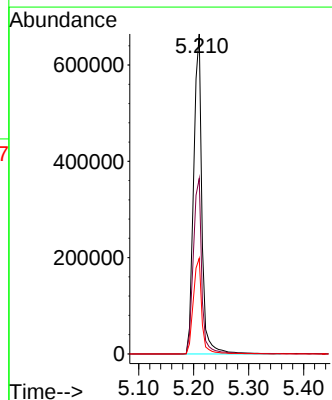
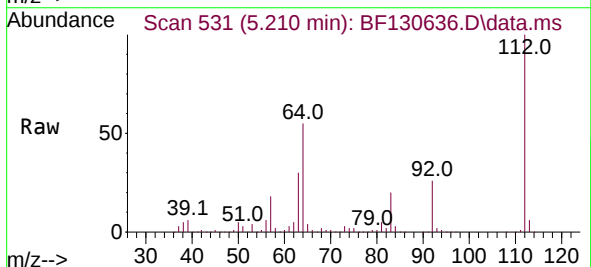
Instrument :  
BNA\_F  
ClientSampleId :  
C21(20-21)

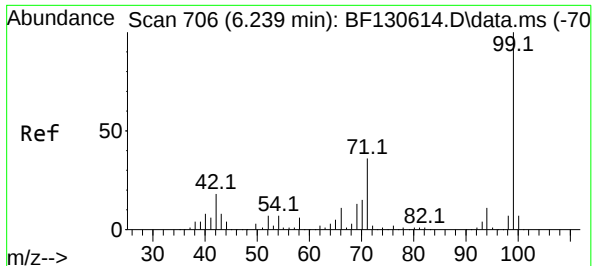
Tgt Ion:152 Resp: 80610  
Ion Ratio Lower Upper  
152 100  
150 158.4 123.8 185.6  
115 67.6 52.2 78.4



#5  
2-Fluorophenol  
Concen: 155.465 ng  
RT: 5.210 min Scan# 531  
Delta R.T. 0.023 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

Tgt Ion:112 Resp: 695243  
Ion Ratio Lower Upper  
112 100  
64 54.8 43.5 65.3  
63 29.9 22.6 34.0

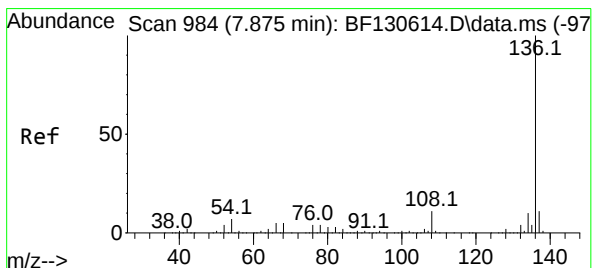
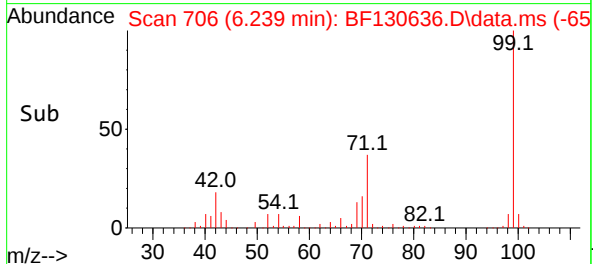
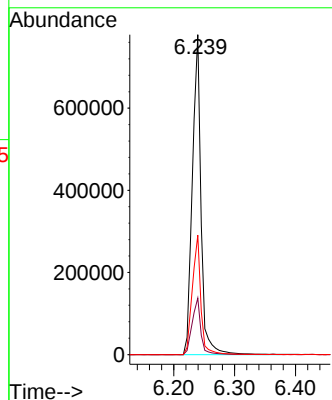
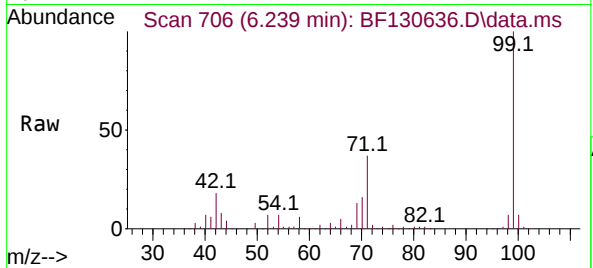




#7  
Phenol-d6  
Concen: 137.141 ng  
RT: 6.239 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

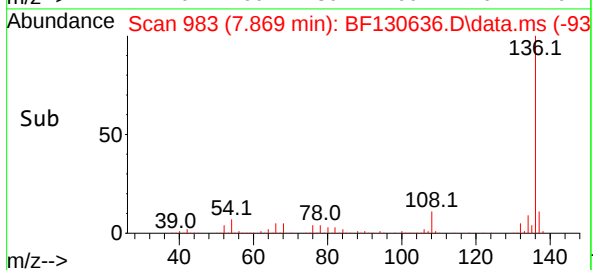
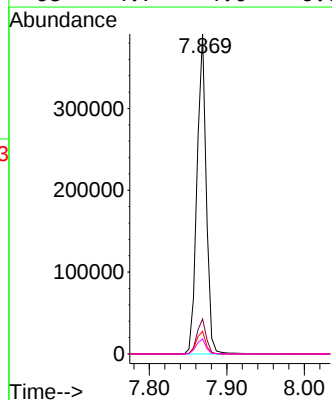
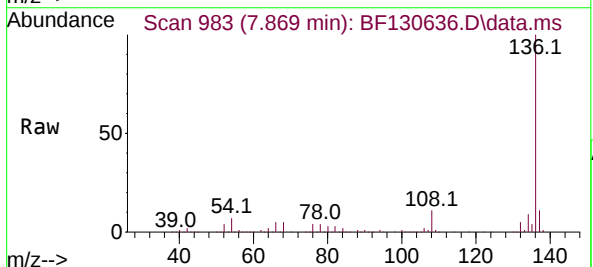
Instrument :  
BNA\_F  
ClientSampleId :  
C21(20-21)

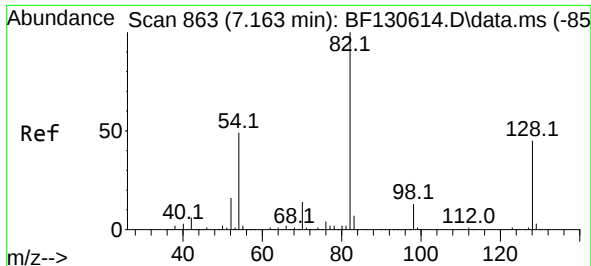
Tgt Ion: 99 Resp: 771082  
Ion Ratio Lower Upper  
99 100  
42 17.7 14.0 21.0  
71 37.3 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

Tgt Ion:136 Resp: 323822  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 7.0 5.5 8.3  
68 4.7 4.0 6.0

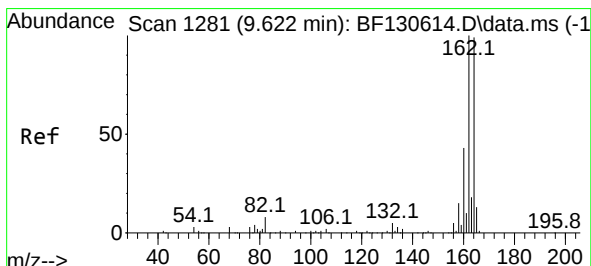
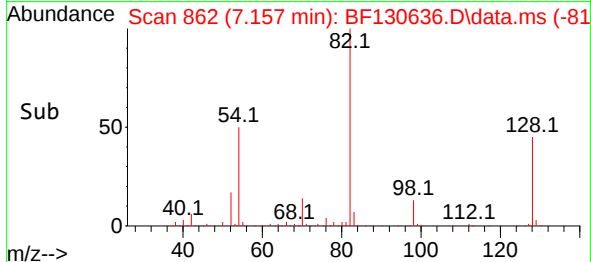
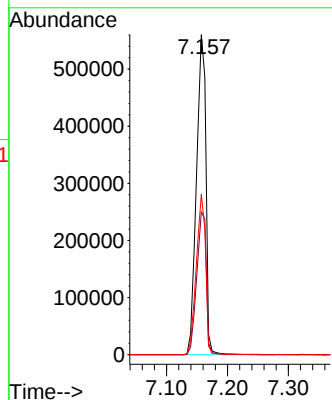
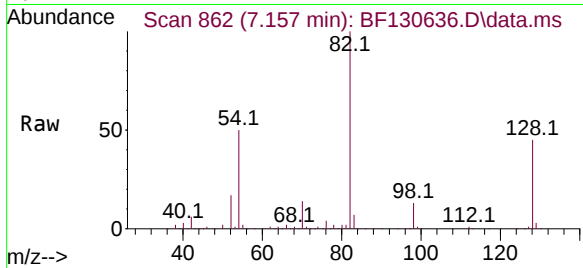




#23  
Nitrobenzene-d5  
Concen: 101.556 ng  
RT: 7.157 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

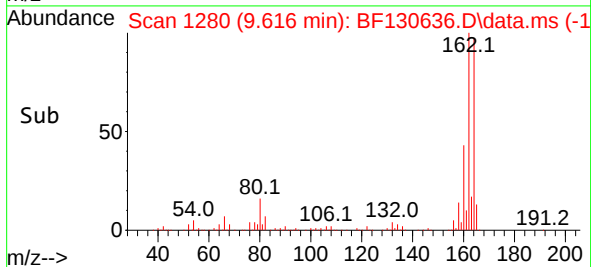
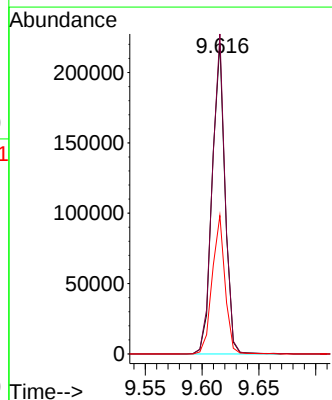
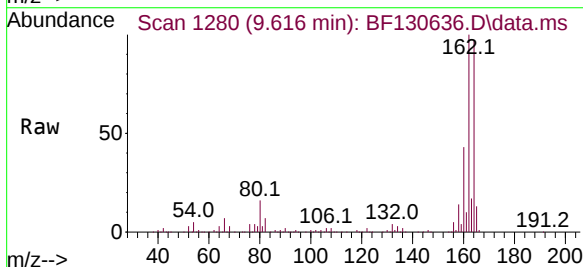
Instrument :  
BNA\_F  
ClientSampleId :  
C21(20-21)

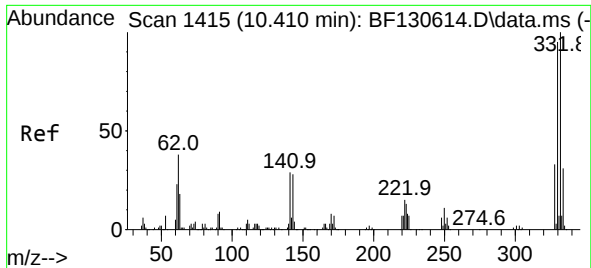
Tgt Ion: 82 Resp: 602411  
Ion Ratio Lower Upper  
82 100  
128 44.6 35.8 53.6  
54 50.1 39.3 58.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

Tgt Ion:164 Resp: 173748  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.0 121.4  
160 44.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 173.130 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

Instrument :

BNA\_F

ClientSampleId :

C21(20-21)

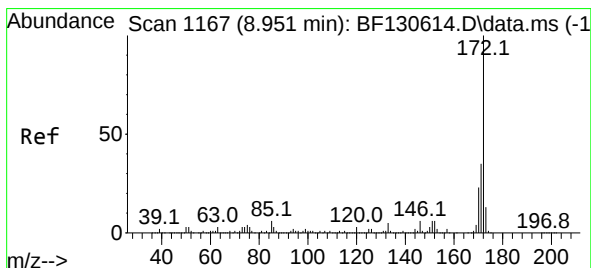
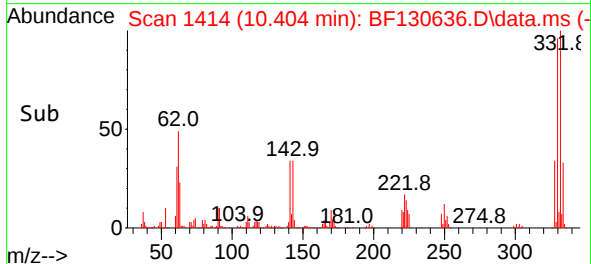
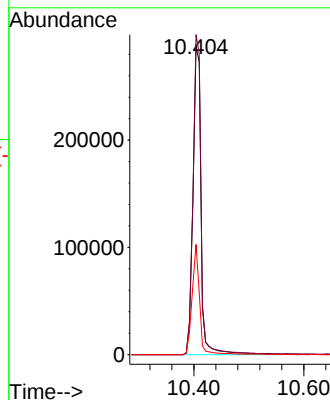
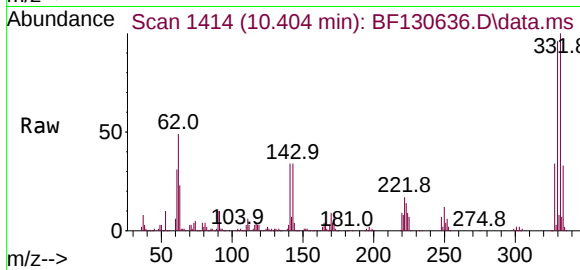
Tgt Ion:330 Resp: 294341

Ion Ratio Lower Upper

330 100

332 103.8 84.2 126.4

141 33.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 103.370 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

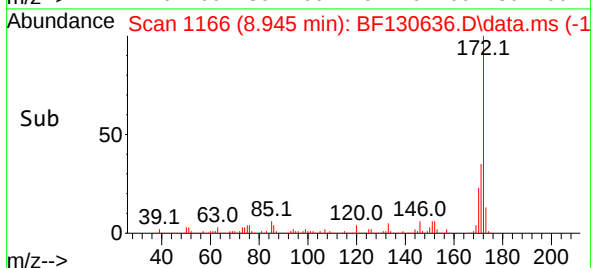
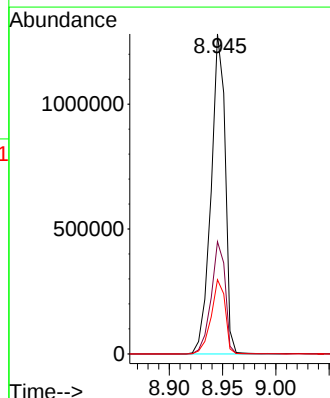
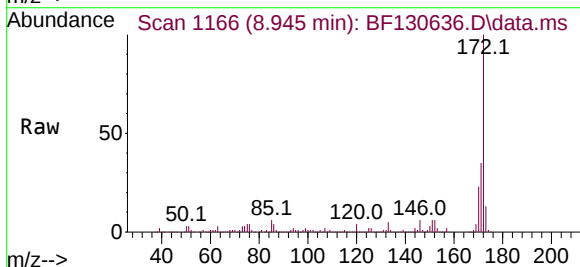
Tgt Ion:172 Resp: 1185694

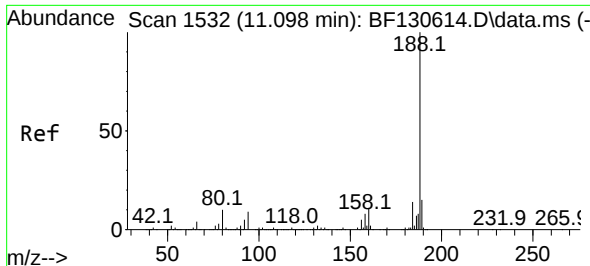
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.2 18.6 27.8

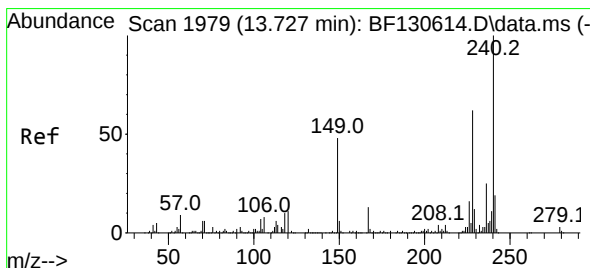
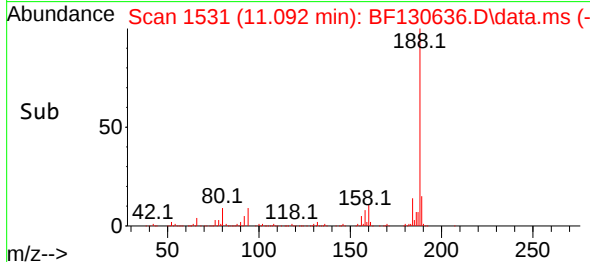
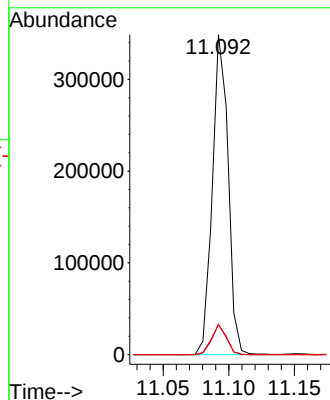
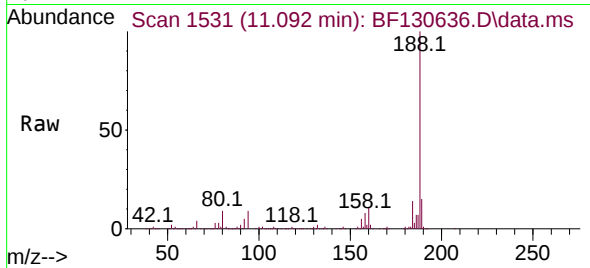




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.092 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

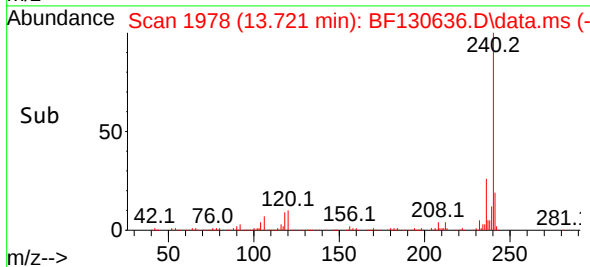
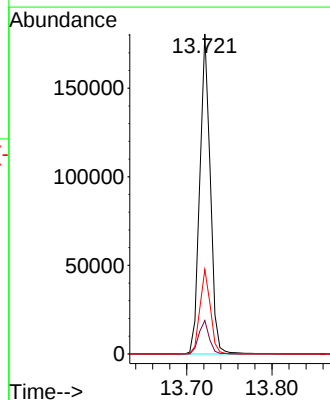
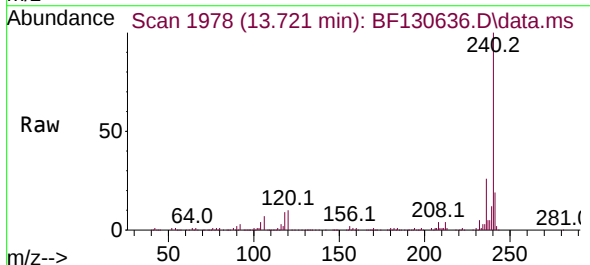
Instrument :  
BNA\_F  
ClientSampleId :  
C21(20-21)

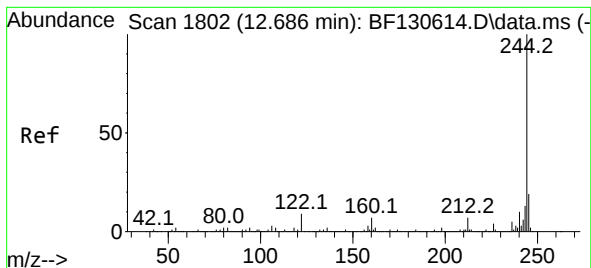
Tgt Ion:188 Resp: 290759  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.2  
80 9.4 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.721 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: BF130636.D  
Acq: 12 Oct 2022 18:33

Tgt Ion:240 Resp: 154278  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 13.0  
236 26.4 20.2 30.4





#79

Terphenyl-d14

Concen: 130.909 ng

RT: 12.680 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

Instrument :

BNA\_F

ClientSampleId :

C21(20-21)

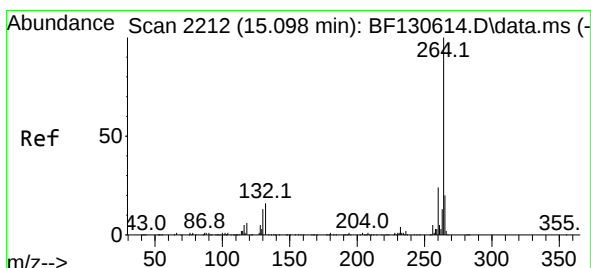
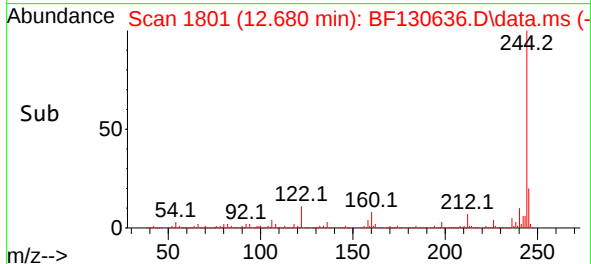
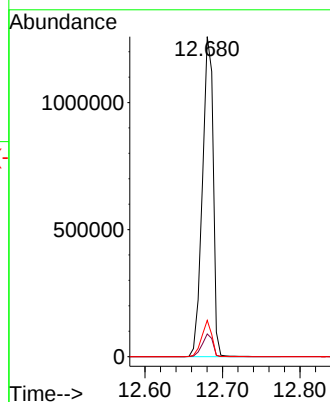
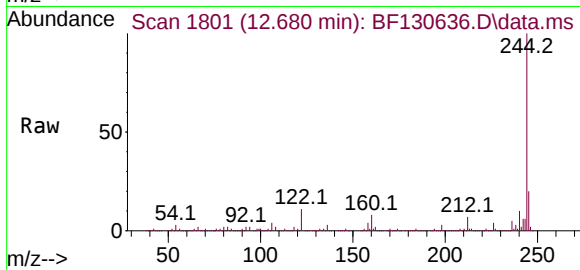
Tgt Ion:244 Resp: 1216847

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.3 7.5 11.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

Tgt Ion:264 Resp: 149731

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 21.1 16.4 24.6

