

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101823\  
 Data File : BF135850.D  
 Acq On : 18 Oct 2023 16:38  
 Operator : CG\JU  
 Sample : 04767-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB-2

Quant Time: Oct 19 01:20:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 17 01:22:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.739  | 152  | 82140    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 318519   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 171849   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.274 | 188  | 347295   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.939 | 240  | 168892   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.415 | 264  | 173658   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 257581   | 50.417  | ng    | 0.00     |
| 7) Phenol-d6                | 6.398  | 99   | 191289   | 30.008  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 454979   | 78.562  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.574 | 330  | 219597   | 133.167 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 858464   | 78.104  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.868 | 244  | 990713   | 108.632 | ng    | -0.01    |

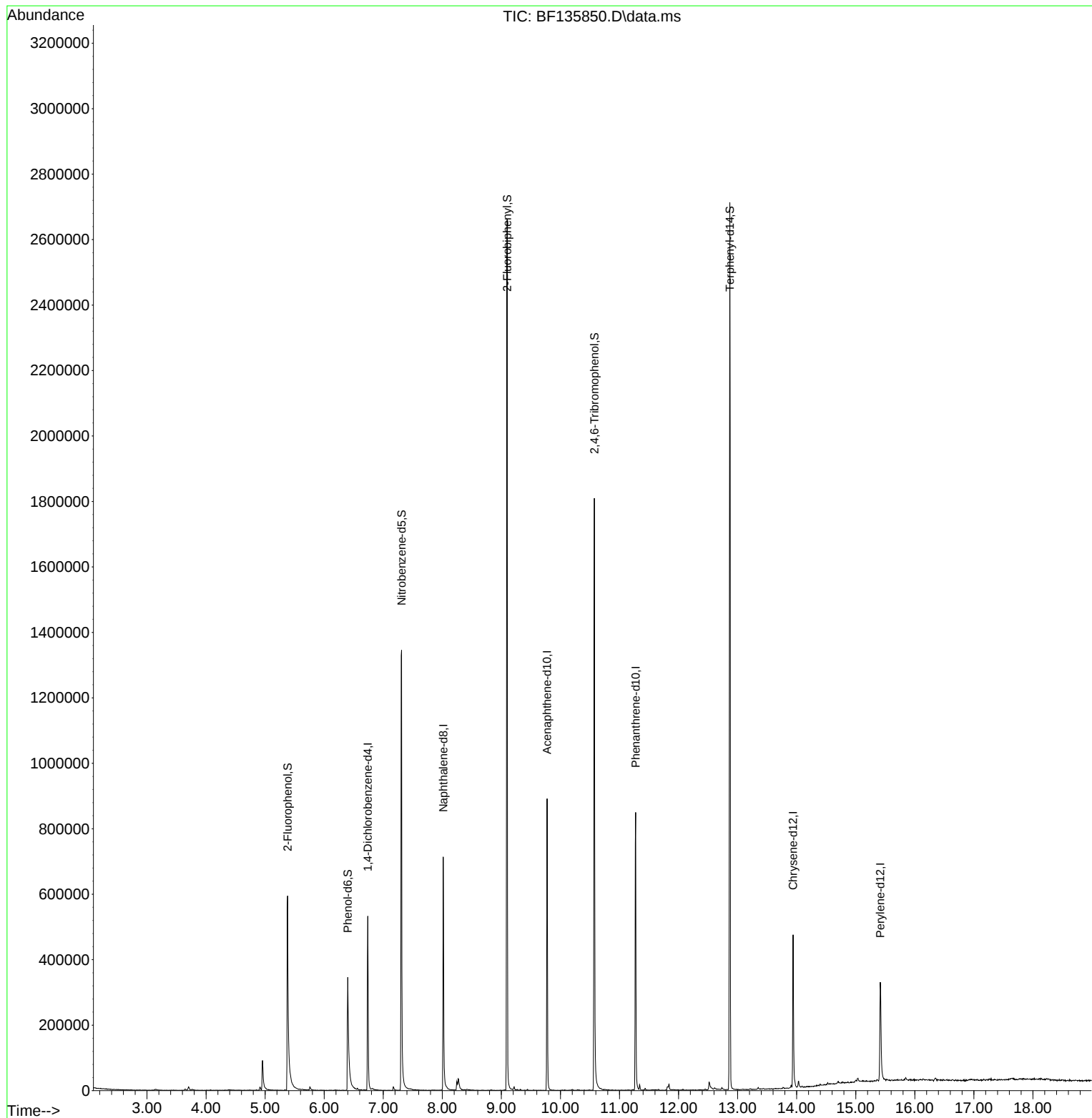
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101823\  
Data File : BF135850.D  
Acq On : 18 Oct 2023 16:38  
Operator : CG\JU  
Sample : 04767-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FB-2

Quant Time: Oct 19 01:20:07 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 17 01:22:00 2023  
Response via : Initial Calibration

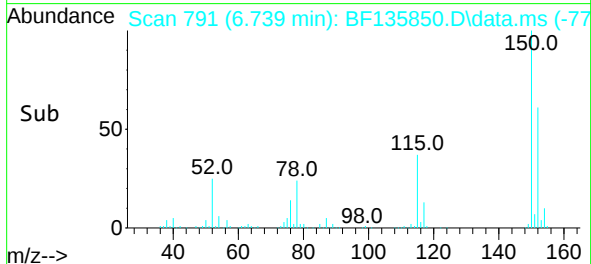
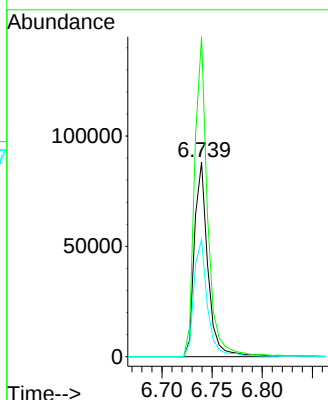
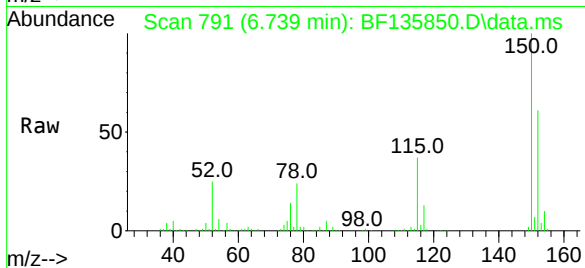




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.739 min Scan# 791  
 Delta R.T. -0.007 min  
 Lab File: BF135850.D  
 Acq: 18 Oct 2023 16:38

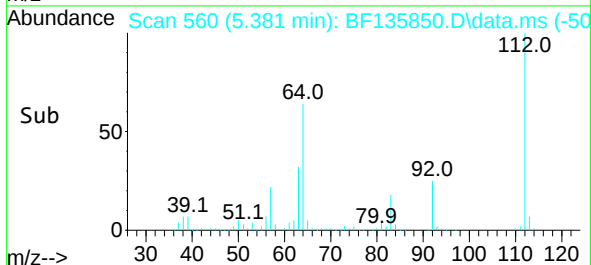
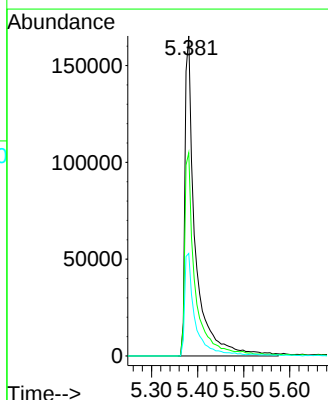
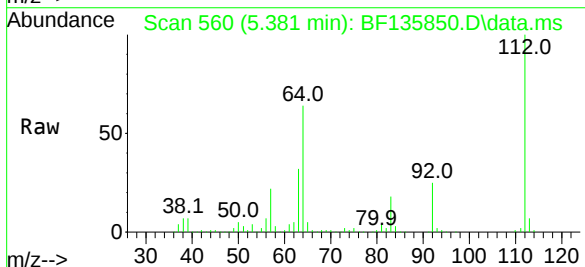
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB-2

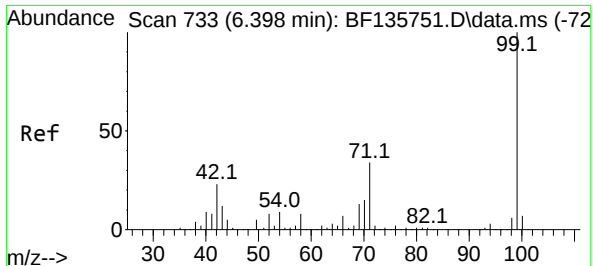
Tgt Ion:152 Resp: 82140  
 Ion Ratio Lower Upper  
 152 100  
 150 164.5 124.5 186.7  
 115 60.2 49.0 73.4



#5  
 2-Fluorophenol  
 Concen: 50.417 ng  
 RT: 5.381 min Scan# 560  
 Delta R.T. 0.006 min  
 Lab File: BF135850.D  
 Acq: 18 Oct 2023 16:38

Tgt Ion:112 Resp: 257581  
 Ion Ratio Lower Upper  
 112 100  
 64 63.5 51.2 76.8  
 63 32.1 26.1 39.1

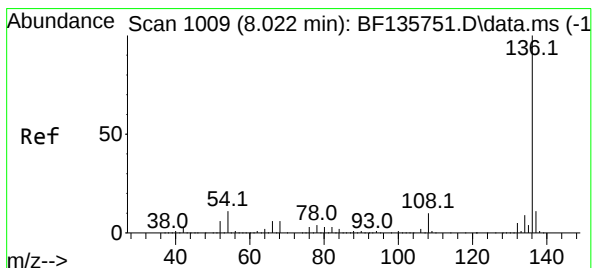
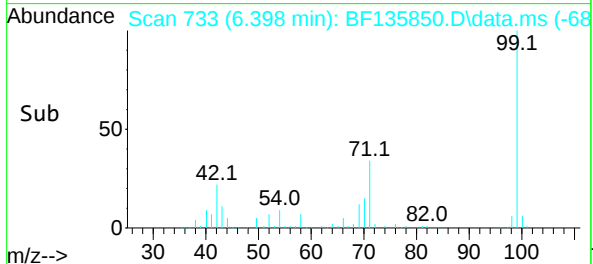
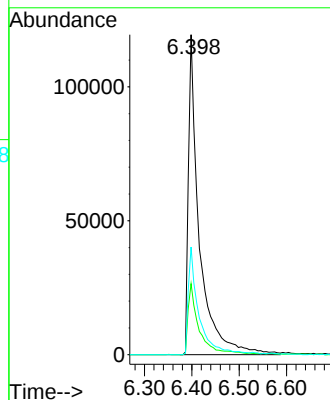
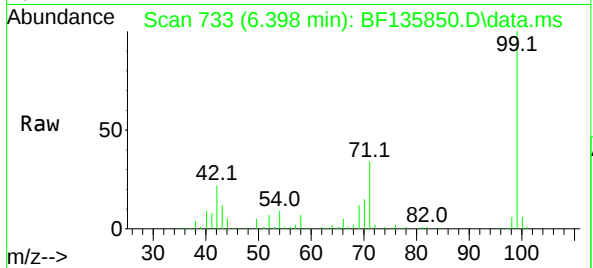




#7  
Phenol-d6  
Concen: 30.008 ng  
RT: 6.398 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF135850.D  
Acq: 18 Oct 2023 16:38

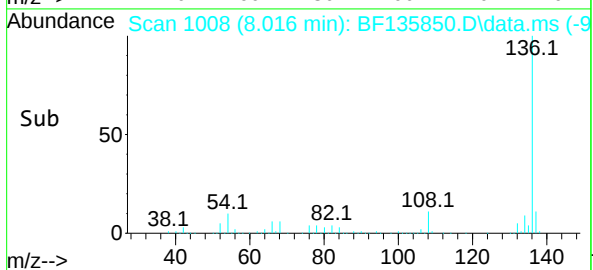
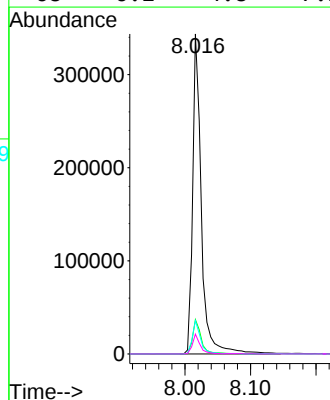
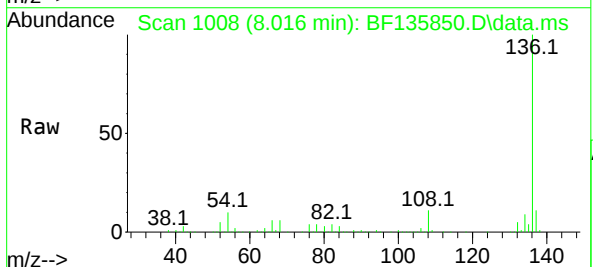
Instrument :  
BNA\_F  
ClientSampleId :  
FB-2

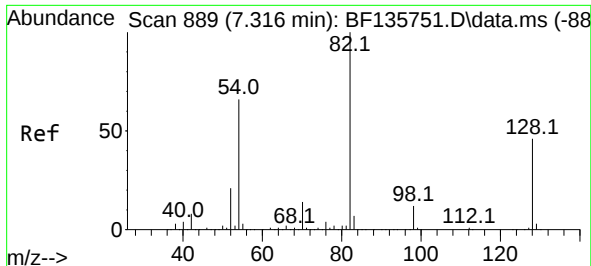
Tgt Ion: 99 Resp: 191289  
Ion Ratio Lower Upper  
99 100  
42 22.2 18.4 27.6  
71 33.6 27.2 40.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF135850.D  
Acq: 18 Oct 2023 16:38

Tgt Ion: 136 Resp: 318519  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 10.4 8.5 12.7  
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 78.562 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135850.D

Acq: 18 Oct 2023 16:38

Instrument :

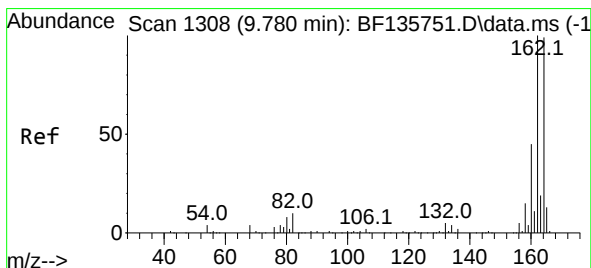
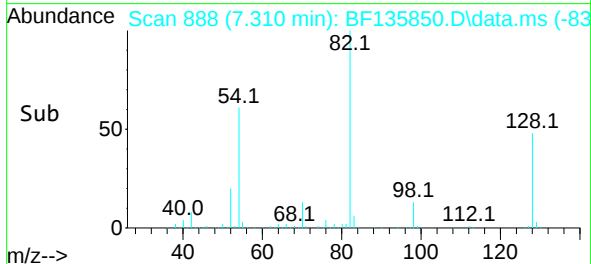
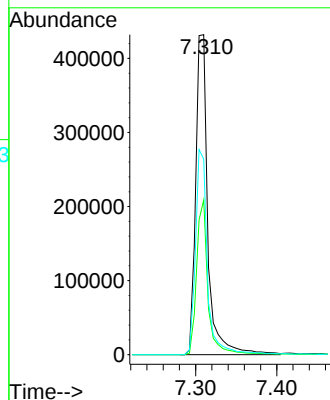
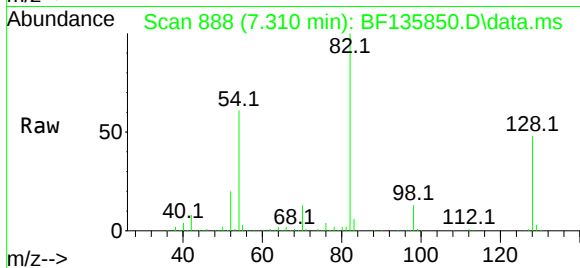
BNA\_F

ClientSampleId :

FB-2

Tgt Ion: 82 Resp: 454979

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.3  | 37.0  | 55.6  |
| 54  | 61.1  | 52.8  | 79.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

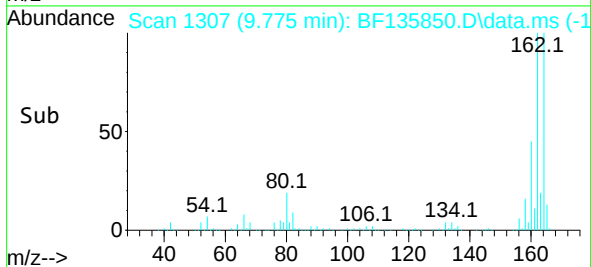
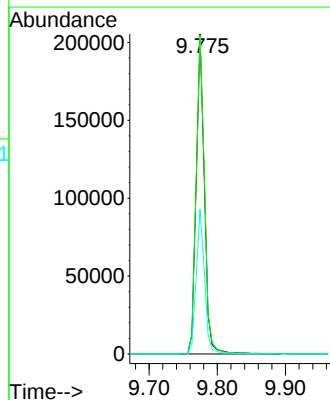
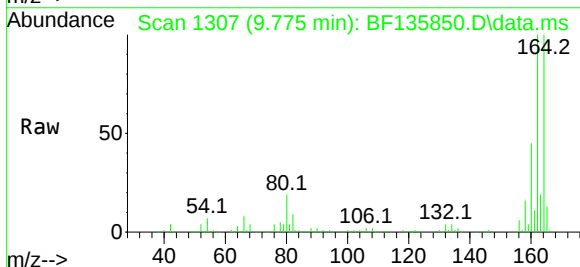
Delta R.T. -0.012 min

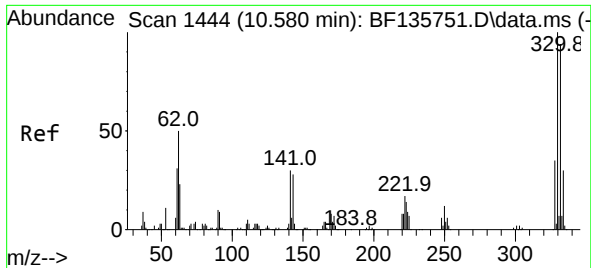
Lab File: BF135850.D

Acq: 18 Oct 2023 16:38

Tgt Ion:164 Resp: 171849

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.7  | 80.8  | 121.2 |
| 160 | 45.3  | 36.6  | 54.8  |





#42

2,4,6-Tribromophenol

Concen: 133.167 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135850.D

Acq: 18 Oct 2023 16:38

Instrument :

BNA\_F

ClientSampleId :

FB-2

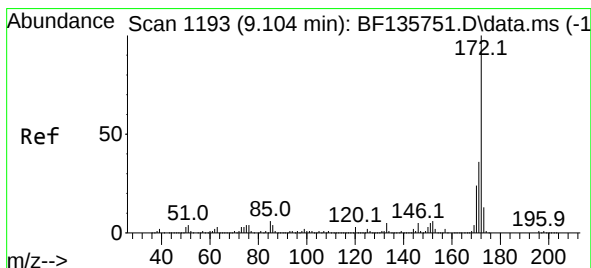
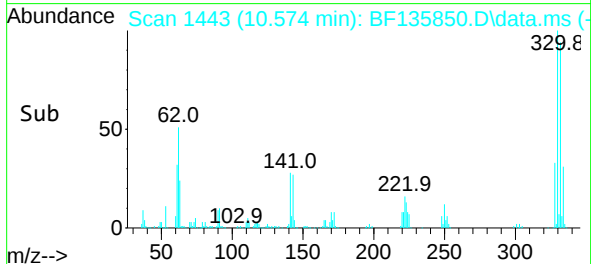
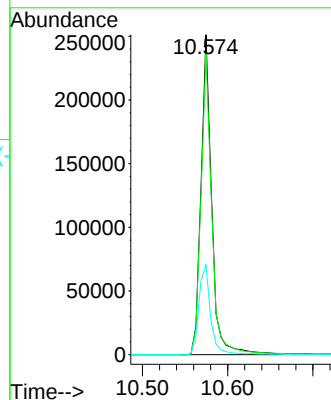
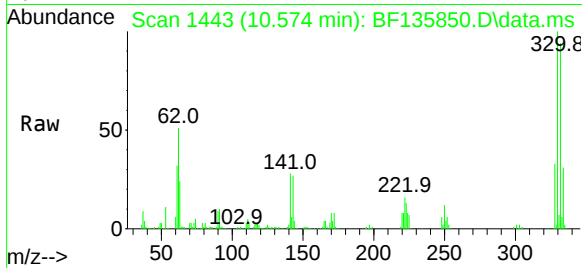
Tgt Ion:330 Resp: 219597

Ion Ratio Lower Upper

330 100

332 95.6 75.0 112.4

141 31.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 78.104 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135850.D

Acq: 18 Oct 2023 16:38

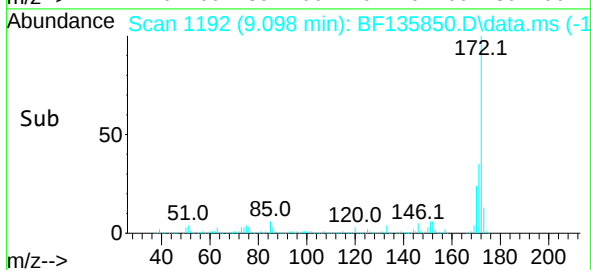
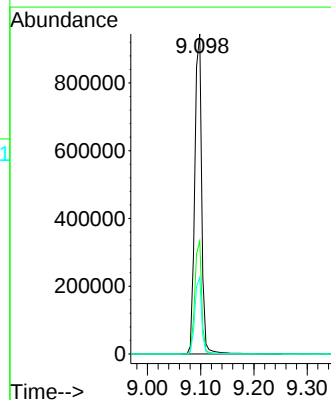
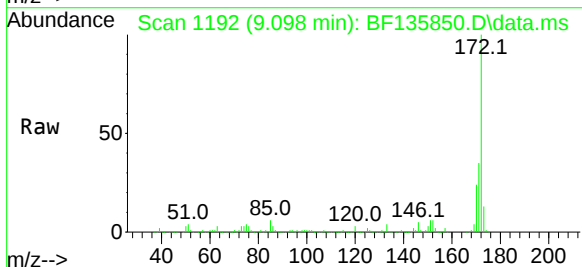
Tgt Ion:172 Resp: 858464

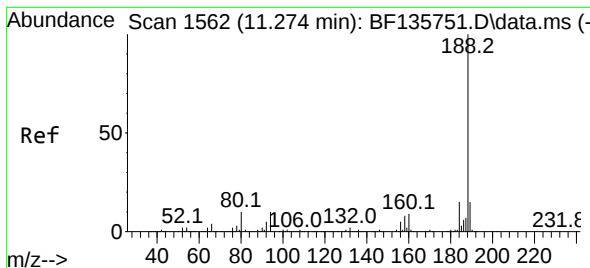
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.9 18.8 28.2

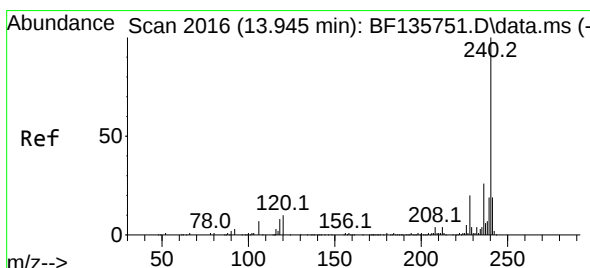
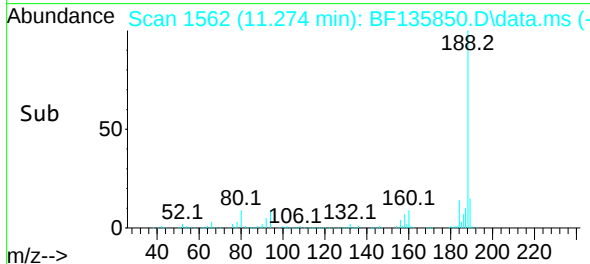
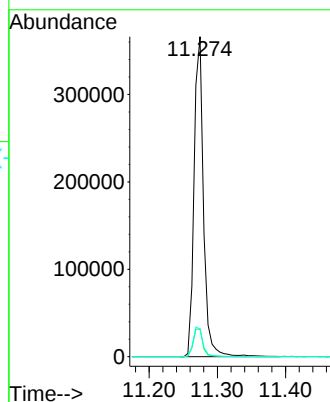
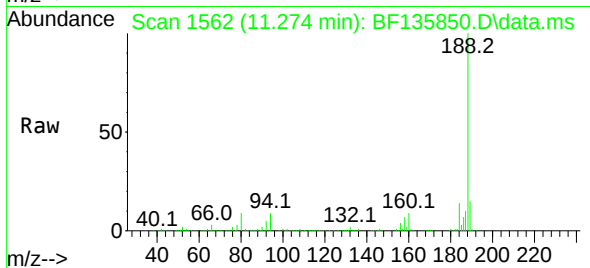




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.274 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135850.D  
Acq: 18 Oct 2023 16:38

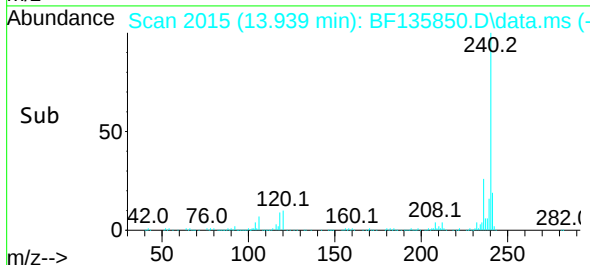
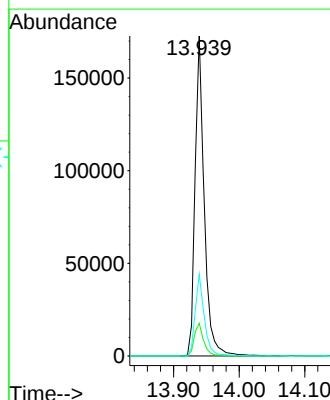
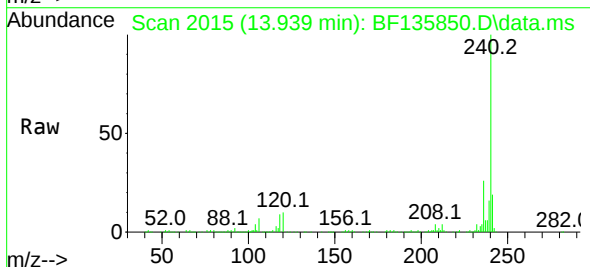
Instrument :  
BNA\_F  
ClientSampleId :  
FB-2

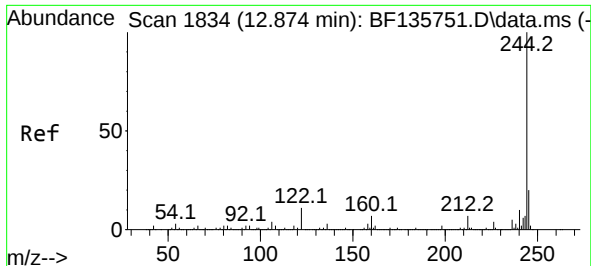
Tgt Ion:188 Resp: 347295  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.0 12.0  
80 8.7 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF135850.D  
Acq: 18 Oct 2023 16:38

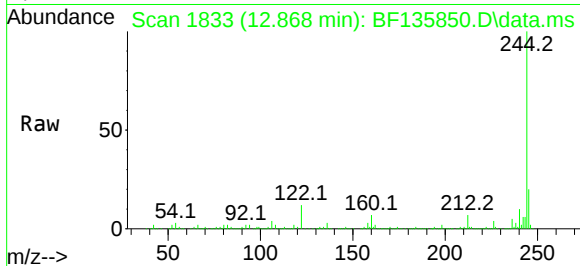
Tgt Ion:240 Resp: 168892  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.2 12.2  
236 25.5 21.2 31.8



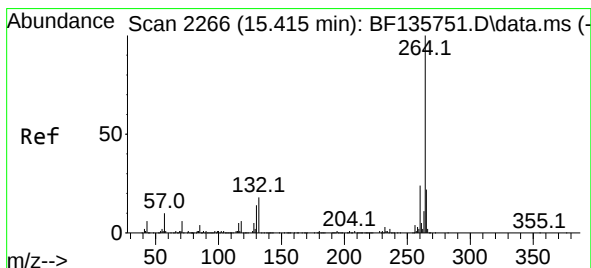
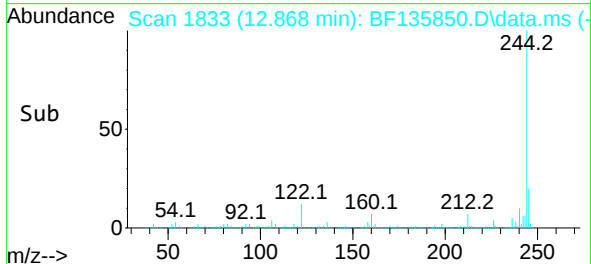
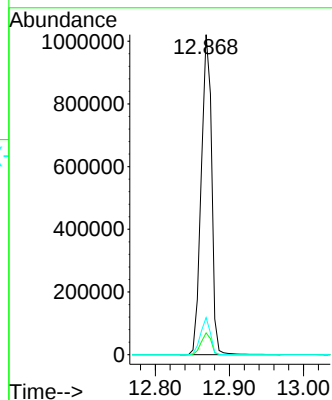


#79  
 Terphenyl-d14  
 Concen: 108.632 ng  
 RT: 12.868 min Scan# 1833  
 Delta R.T. -0.012 min  
 Lab File: BF135850.D  
 Acq: 18 Oct 2023 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB-2



Tgt Ion:244 Resp: 990713  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 11.6 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.415 min Scan# 2266  
 Delta R.T. -0.006 min  
 Lab File: BF135850.D  
 Acq: 18 Oct 2023 16:38

Tgt Ion:264 Resp: 173658  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.2 28.8  
 265 21.2 17.4 26.2

