

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
 Data File : BF130739.D  
 Acq On : 21 Oct 2022 11:18  
 Operator : CG\JU  
 Sample : PB148422BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148422BL

Quant Time: Oct 21 13:40:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 21 06:12:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.563  | 152  | 84103    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.845  | 136  | 303476   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.592  | 164  | 157908   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.069 | 188  | 281855   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.704 | 240  | 216901   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.080 | 264  | 171225   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.175  | 112  | 618967   | 126.910 | ng    | 0.01     |
| 7) Phenol-d6                | 6.216  | 99   | 884966   | 149.968 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.134  | 82   | 481346   | 84.140  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.380 | 330  | 266262   | 177.307 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.922  | 172  | 953389   | 92.009  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.657 | 244  | 1180726  | 91.735  | ng    | 0.00     |

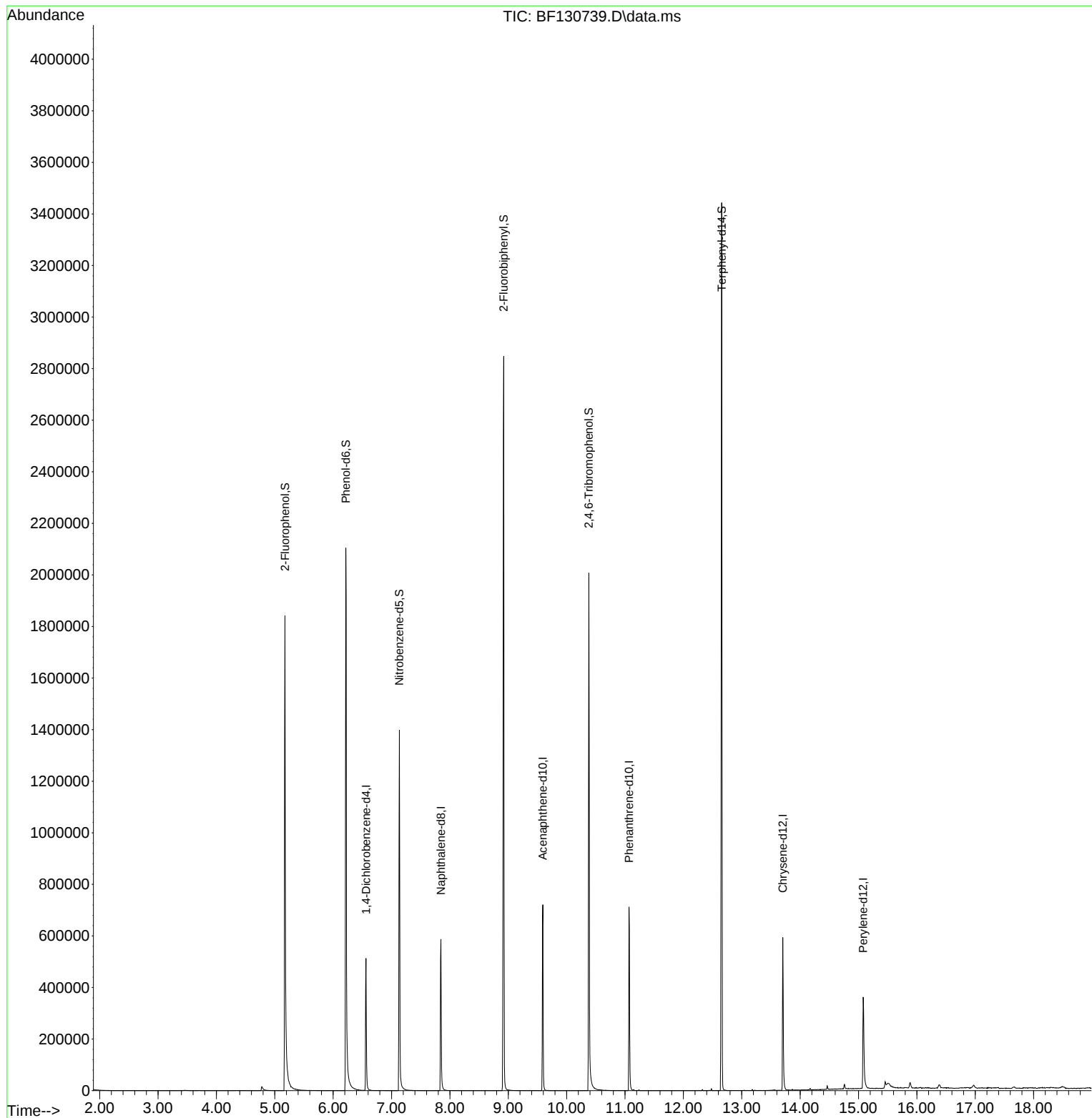
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

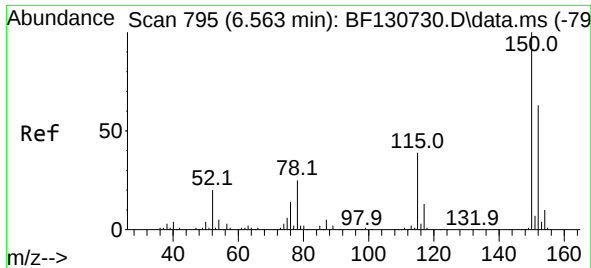
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130739.D  
Acq On : 21 Oct 2022 11:18  
Operator : CG\JU  
Sample : PB148422BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB148422BL

Quant Time: Oct 21 13:40:37 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 21 06:12:36 2022  
Response via : Initial Calibration

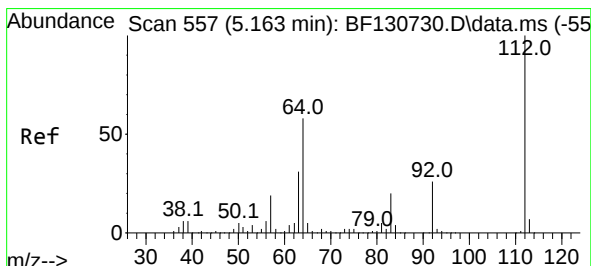
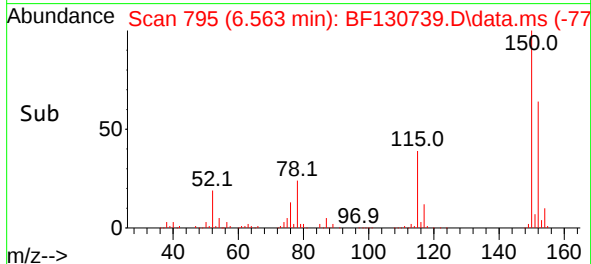
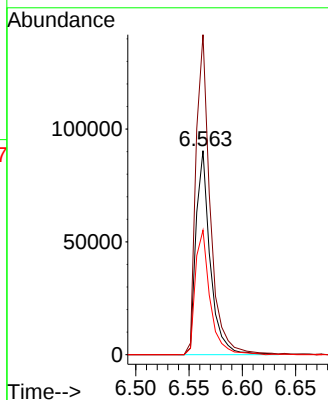
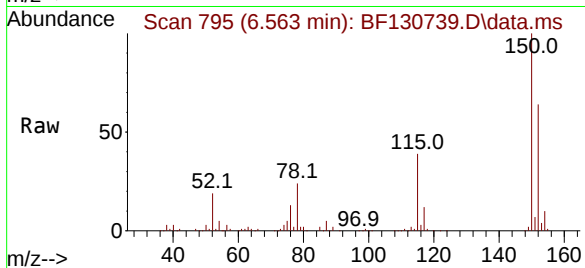




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.563 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

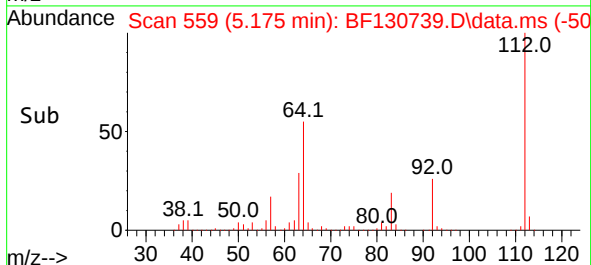
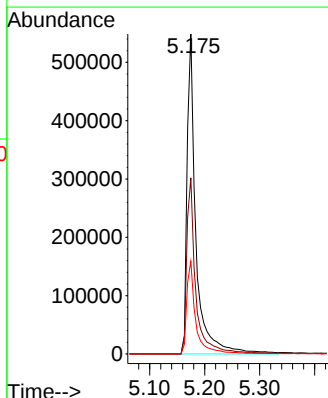
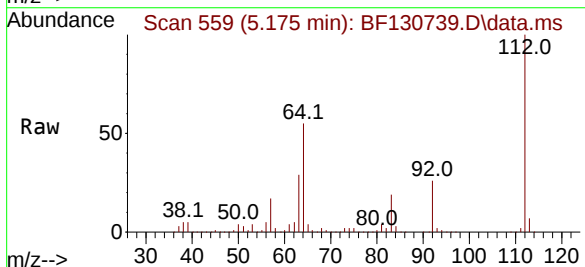
Instrument :  
BNA\_F  
ClientSampleId :  
PB148422BL

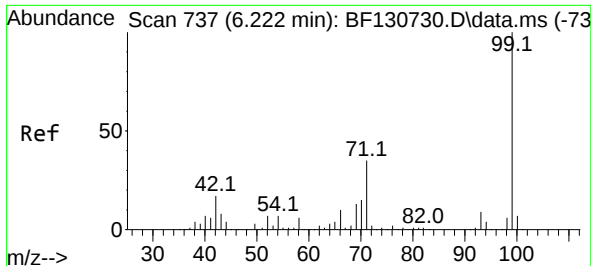
Tgt Ion:152 Resp: 84103  
Ion Ratio Lower Upper  
152 100  
150 156.8 127.0 190.6  
115 61.0 49.9 74.9



#5  
2-Fluorophenol  
Concen: 126.910 ng  
RT: 5.175 min Scan# 559  
Delta R.T. 0.012 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

Tgt Ion:112 Resp: 618967  
Ion Ratio Lower Upper  
112 100  
64 55.0 46.2 69.4  
63 29.0 25.1 37.7

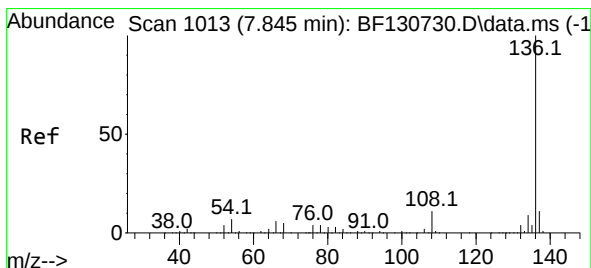
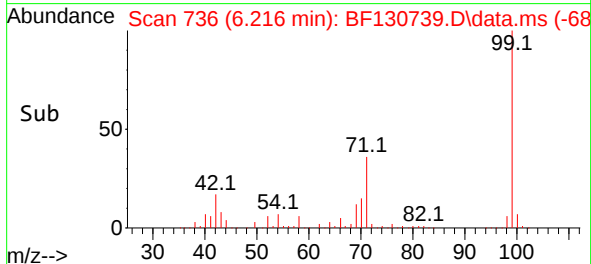
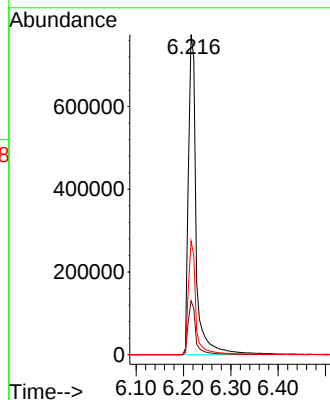
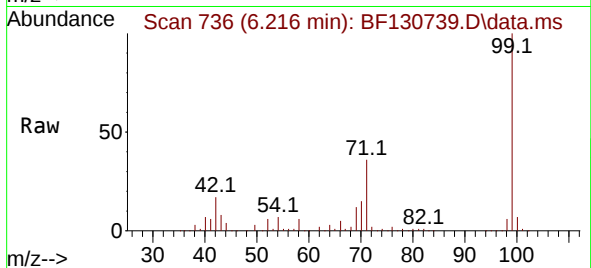




#7  
Phenol-d6  
Concen: 149.968 ng  
RT: 6.216 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

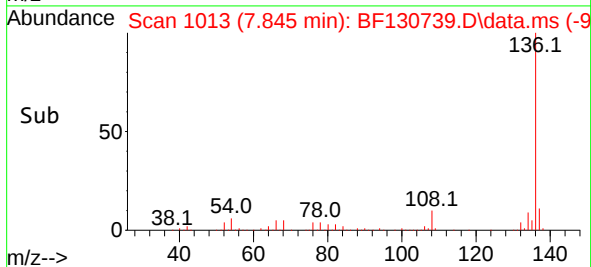
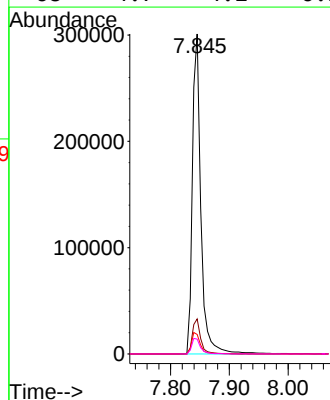
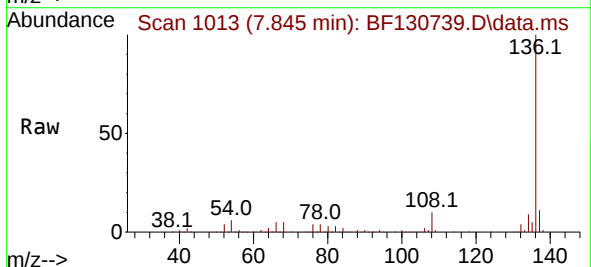
Instrument :  
BNA\_F  
ClientSampleId :  
PB148422BL

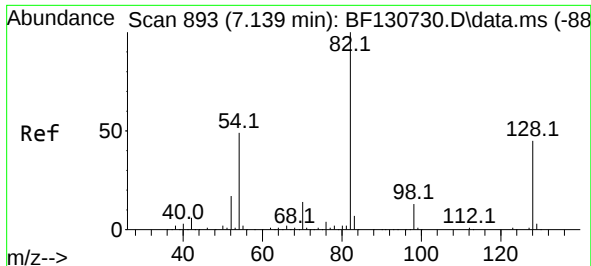
Tgt Ion: 99 Resp: 884966  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.8 20.8  
71 35.5 28.3 42.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.845 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

Tgt Ion: 136 Resp: 303476  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.1 13.7  
54 6.1 5.8 8.8  
68 4.7 4.2 6.2

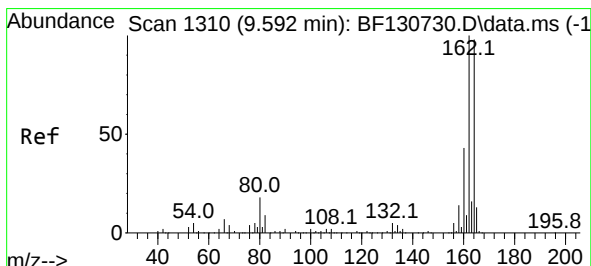
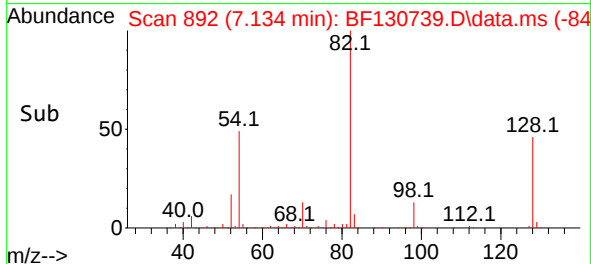
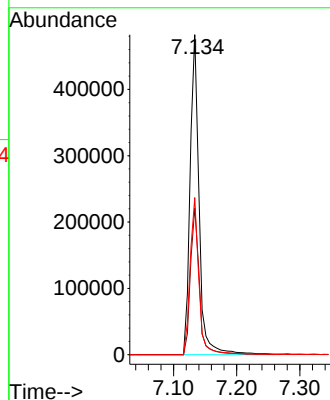
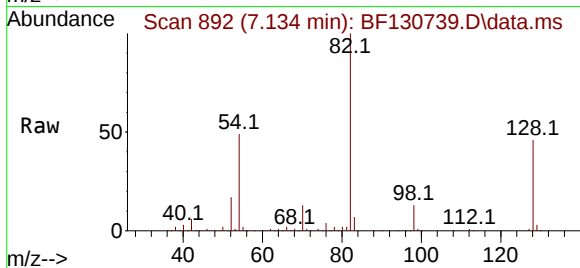




#23  
Nitrobenzene-d5  
Concen: 84.140 ng  
RT: 7.134 min Scan# 893  
Delta R.T. -0.005 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

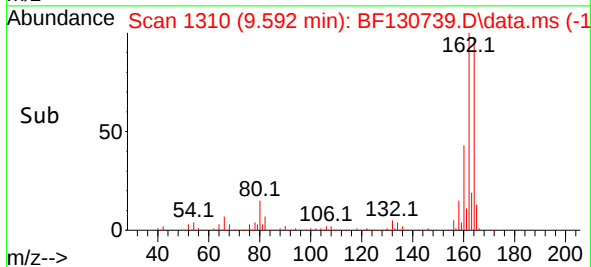
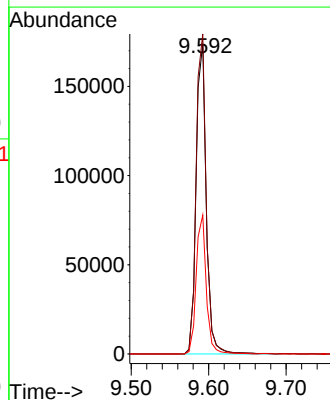
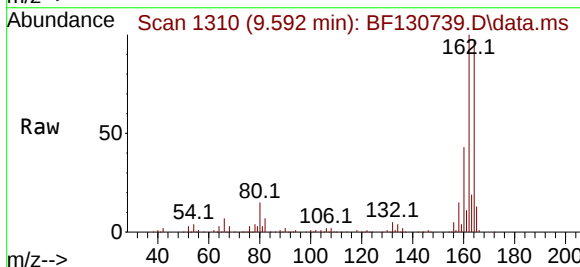
Instrument :  
BNA\_F  
ClientSampleId :  
PB148422BL

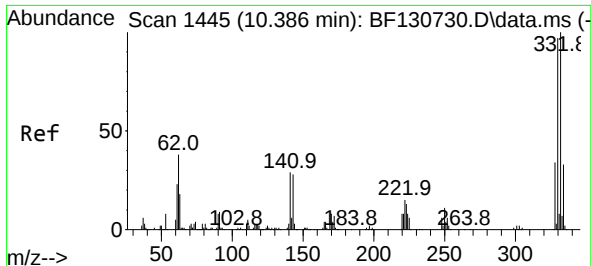
Tgt Ion: 82 Resp: 481346  
Ion Ratio Lower Upper  
82 100  
128 45.8 35.9 53.9  
54 49.1 39.2 58.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.592 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

Tgt Ion:164 Resp: 157908  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.4 122.0  
160 44.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 177.307 ng

RT: 10.380 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF130739.D

Acq: 21 Oct 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB148422BL

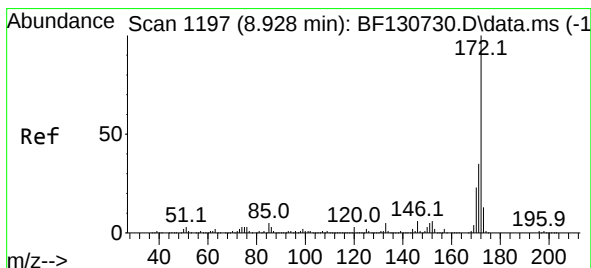
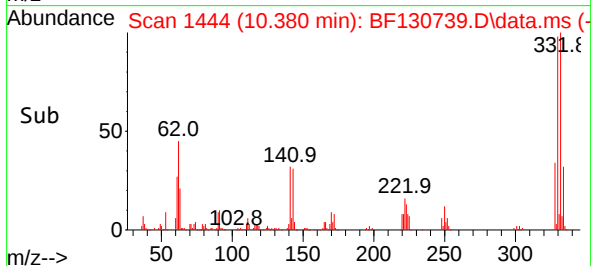
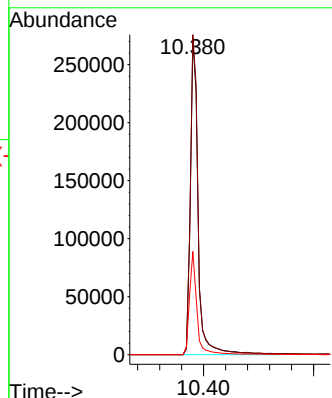
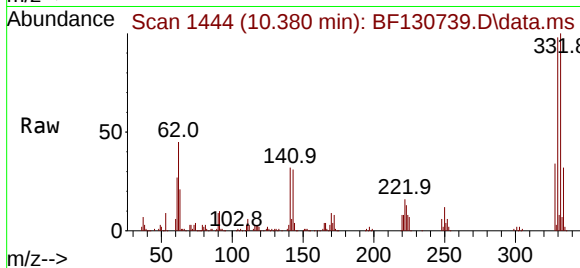
Tgt Ion:330 Resp: 266262

Ion Ratio Lower Upper

330 100

332 101.7 81.4 122.2

141 31.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 92.009 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130739.D

Acq: 21 Oct 2022 11:18

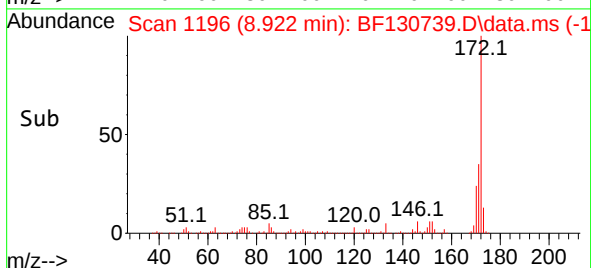
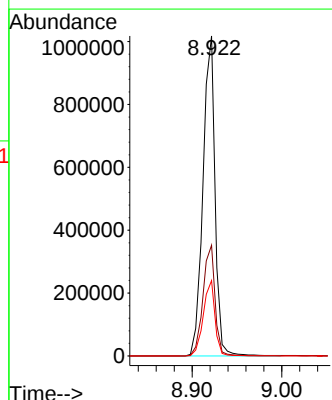
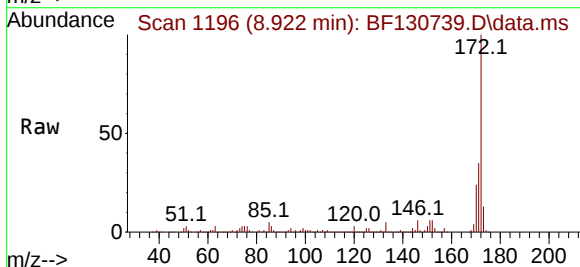
Tgt Ion:172 Resp: 953389

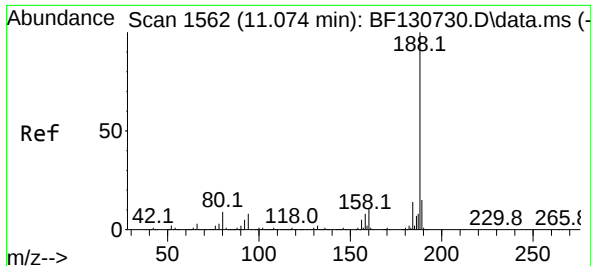
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.6 18.5 27.7

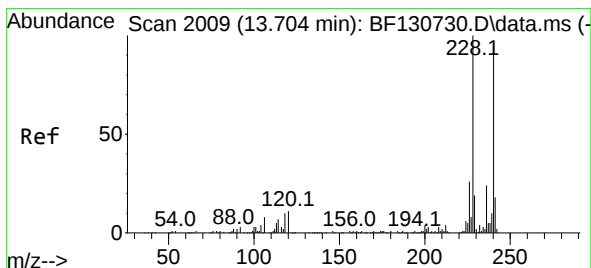
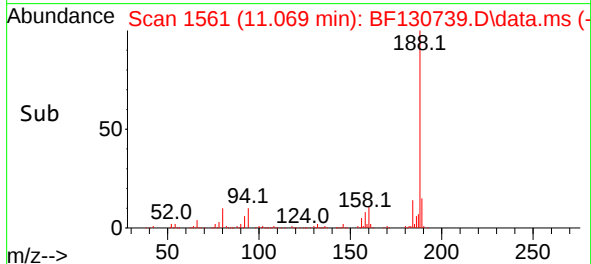
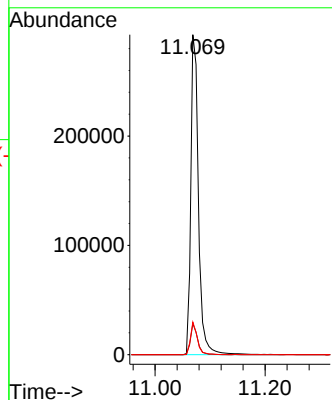
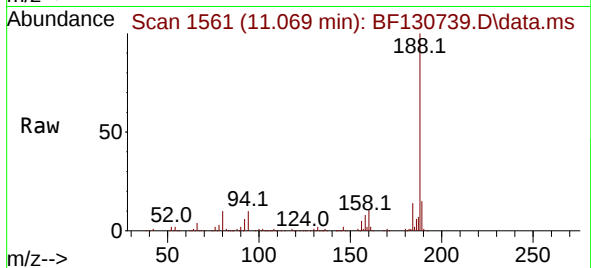




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.069 min Scan# 1561  
Delta R.T. -0.006 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

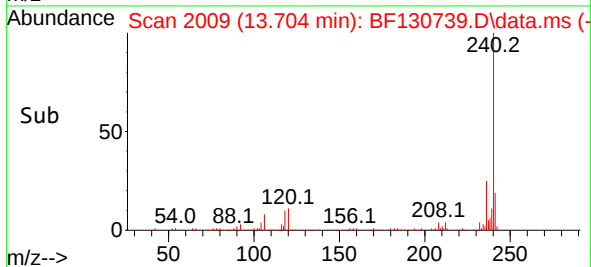
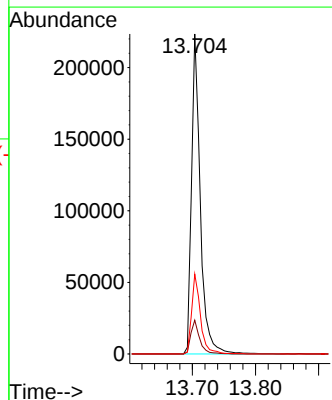
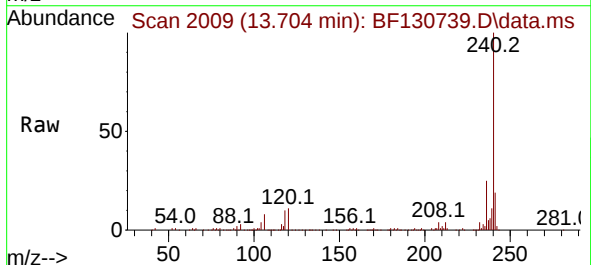
Instrument :  
BNA\_F  
ClientSampleId :  
PB148422BL

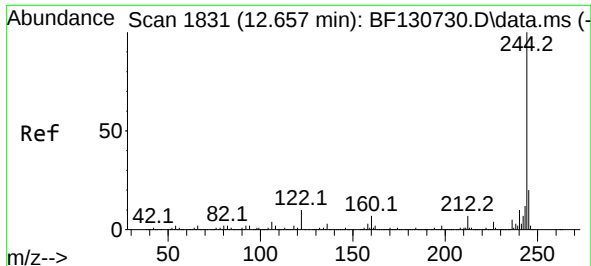
Tgt Ion:188 Resp: 281855  
Ion Ratio Lower Upper  
188 100  
94 9.7 6.7 10.1  
80 10.2 7.4 11.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.704 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF130739.D  
Acq: 21 Oct 2022 11:18

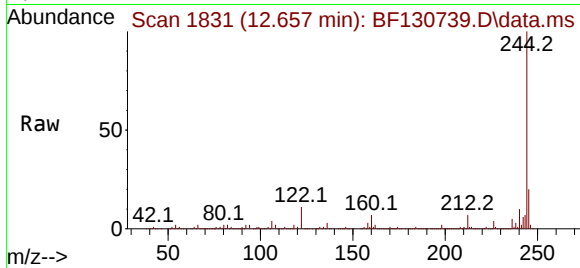
Tgt Ion:240 Resp: 216901  
Ion Ratio Lower Upper  
240 100  
120 10.5 9.6 14.4  
236 24.9 20.2 30.2



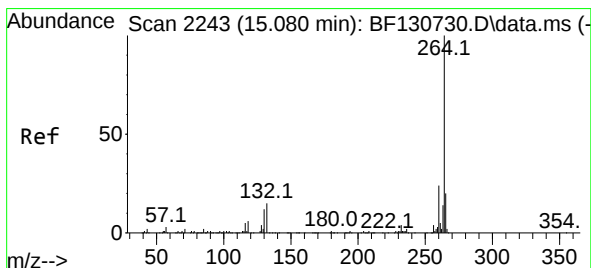
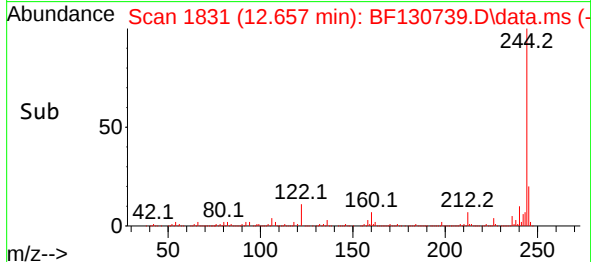
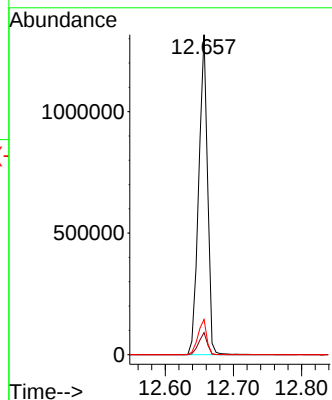


#79  
 Terphenyl-d14  
 Concen: 91.735 ng  
 RT: 12.657 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF130739.D  
 Acq: 21 Oct 2022 11:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148422BL



Tgt Ion:244 Resp: 1180726  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.0  
 122 11.0 8.2 12.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.080 min Scan# 2243  
 Delta R.T. 0.000 min  
 Lab File: BF130739.D  
 Acq: 21 Oct 2022 11:18

Tgt Ion:264 Resp: 171225  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 18.8 28.2  
 265 21.3 16.2 24.4

