

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092122\  
 Data File : BF130359.D  
 Acq On : 21 Sep 2022 13:49  
 Operator : CG\JU  
 Sample : N4630-12RE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-17-4-3RE

Quant Time: Sep 21 16:01:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 15:06:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.657  | 152  | 127366   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.934  | 136  | 494350   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.686  | 164  | 111498   | 20.000  | ng    | # 0.00   |
| 64) Phenanthrene-d10        | 11.169 | 188  | 299034   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.798 | 240  | 51206    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.186 | 264  | 2006     | 20.000  | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.287  | 112  | 1047576  | 142.658 | ng    | 0.03     |
| 7) Phenol-d6                | 6.304  | 99   | 709226   | 77.190  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.228  | 82   | 941793   | 97.329  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.481 | 330  | 475055   | 444.657 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.016  | 172  | 1722727  | 224.992 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.757 | 244  | 1121843  | 362.911 | ng    | 0.00     |

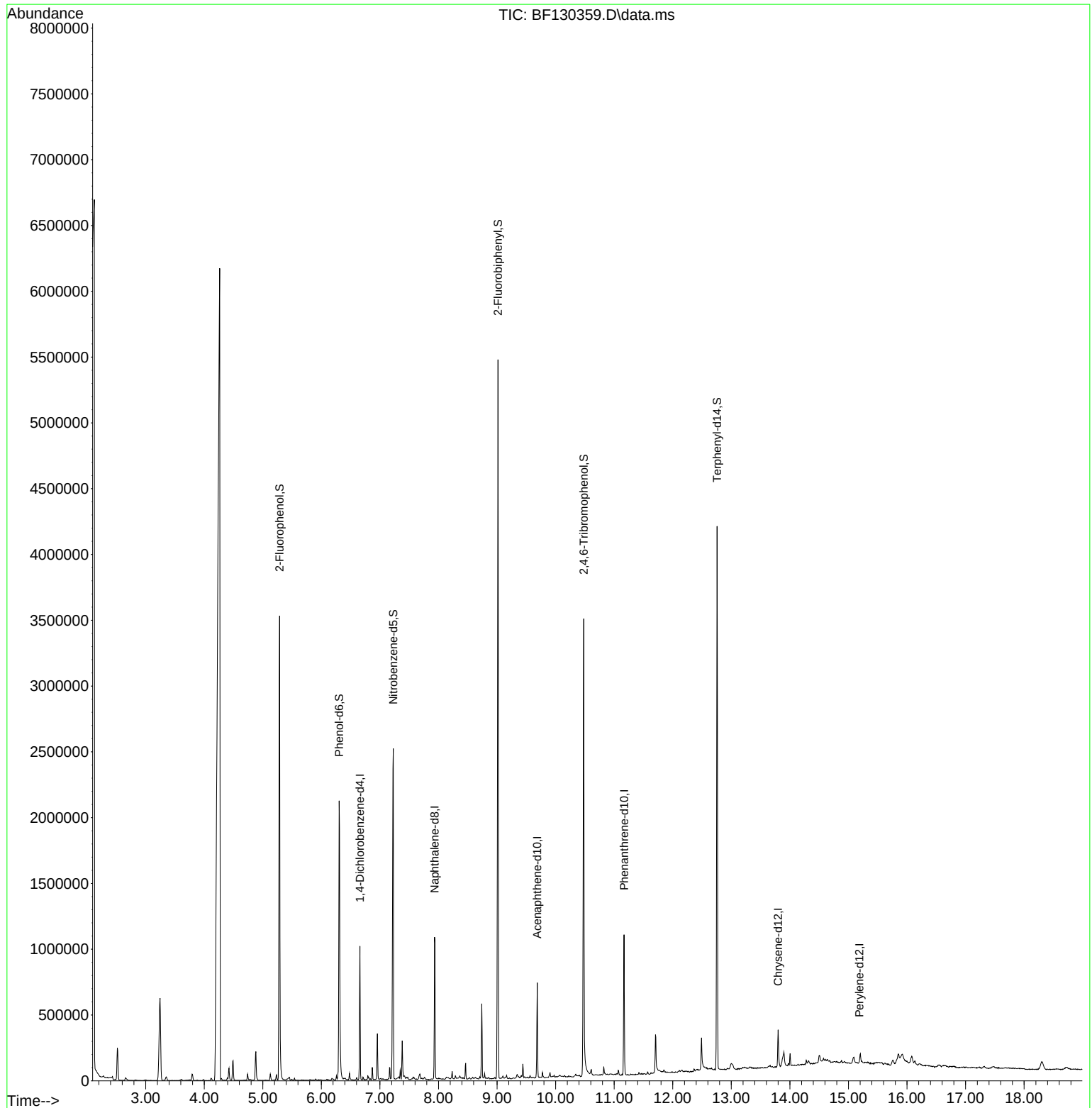
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

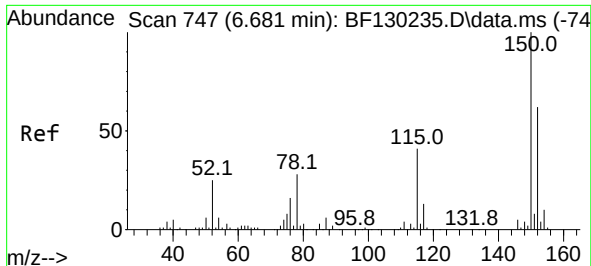
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

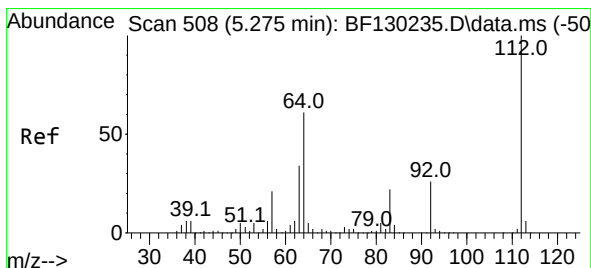
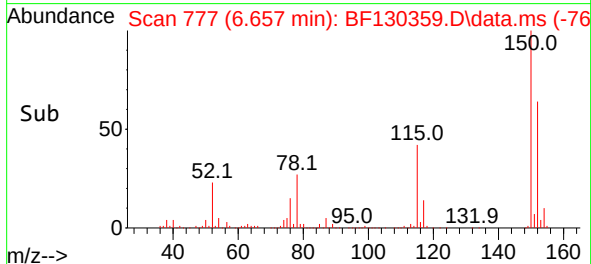
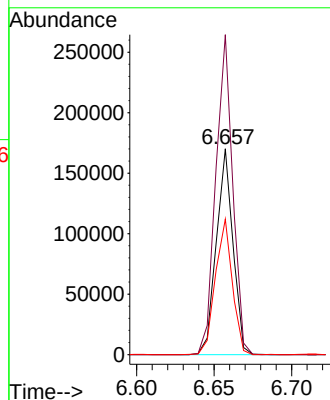
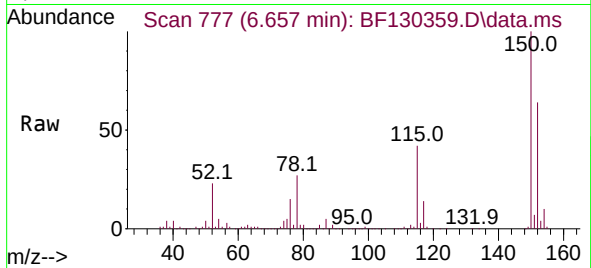




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.657 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130359.D  
 Acq: 21 Sep 2022 13:49

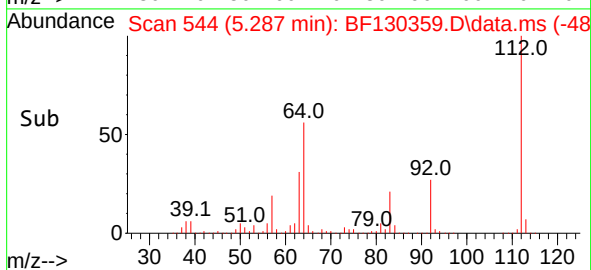
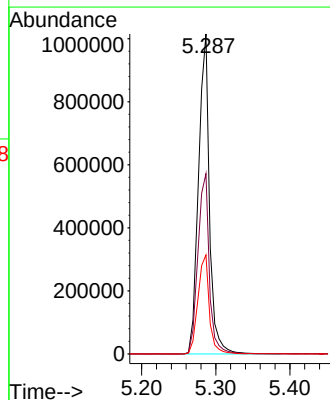
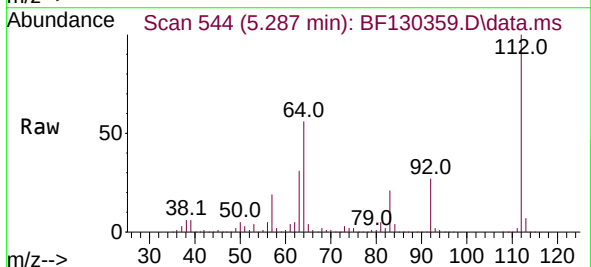
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-17-4-3RE

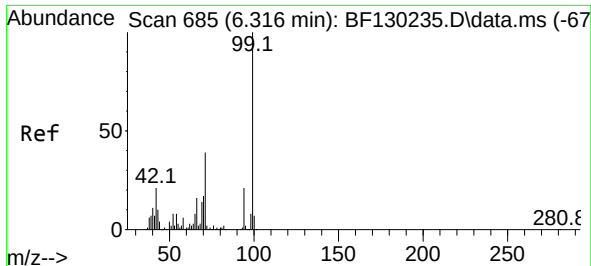
Tgt Ion:152 Resp: 127366  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 122.8 184.2  
 115 65.8 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 142.658 ng  
 RT: 5.287 min Scan# 544  
 Delta R.T. 0.030 min  
 Lab File: BF130359.D  
 Acq: 21 Sep 2022 13:49

Tgt Ion:112 Resp: 1047576  
 Ion Ratio Lower Upper  
 112 100  
 64 56.3 51.4 77.0  
 63 30.9 28.8 43.2

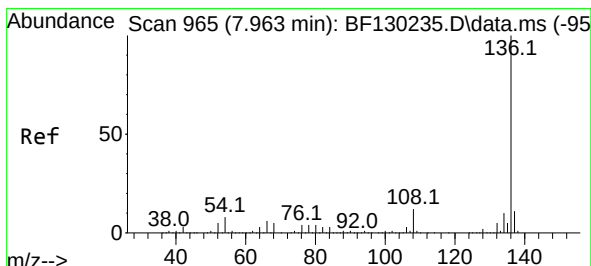
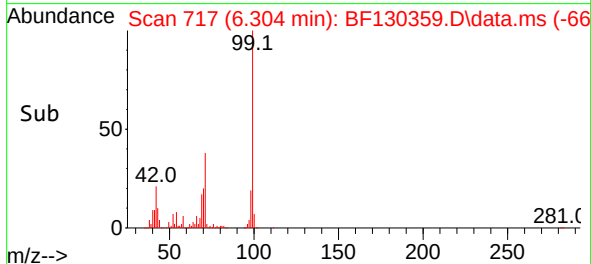
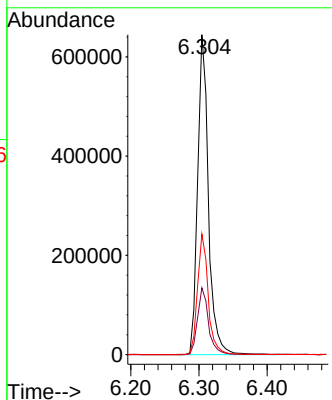
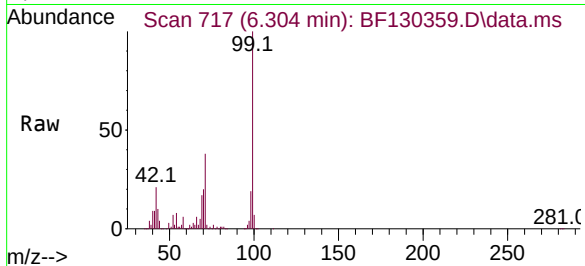




#7  
Phenol-d6  
Concen: 77.190 ng  
RT: 6.304 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

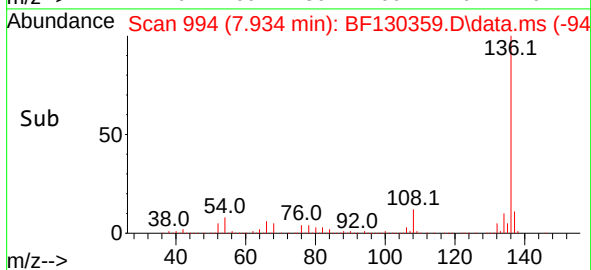
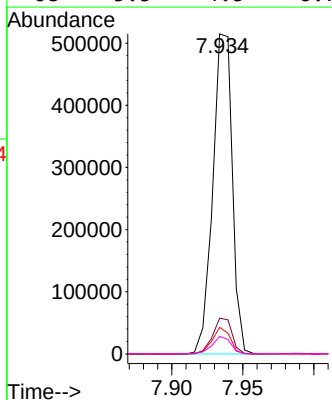
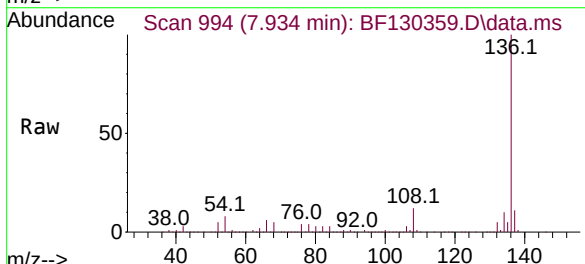
Instrument :  
BNA\_F  
ClientSampleId :  
WC-17-4-3RE

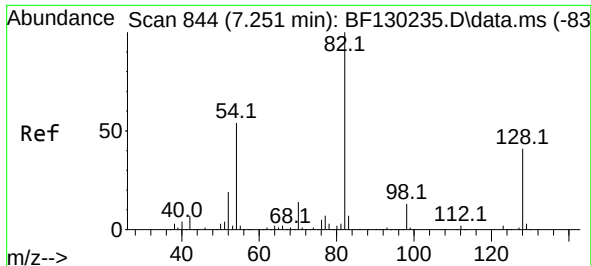
Tgt Ion: 99 Resp: 709226  
Ion Ratio Lower Upper  
99 100  
42 20.9 17.0 25.6  
71 37.7 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.934 min Scan# 994  
Delta R.T. -0.012 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

Tgt Ion: 136 Resp: 494350  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 8.3 7.1 10.7  
68 5.5 4.5 6.7

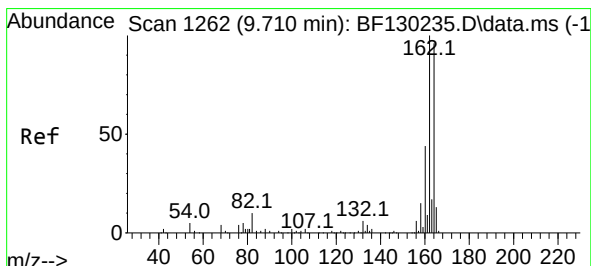
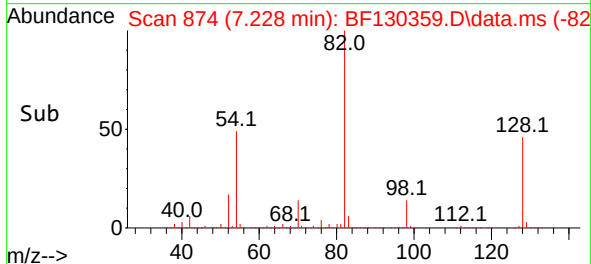
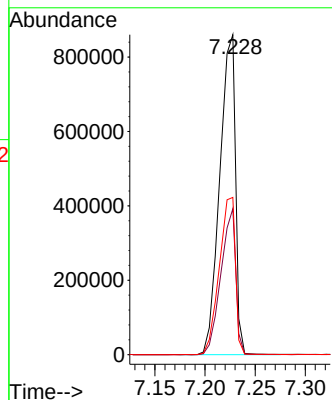
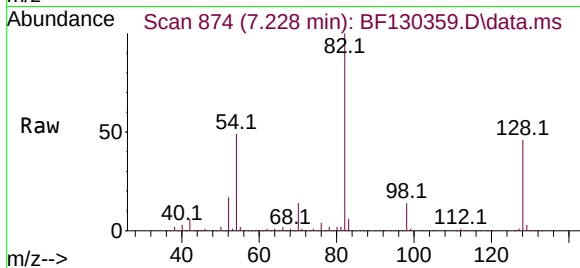




#23  
Nitrobenzene-d5  
Concen: 97.329 ng  
RT: 7.228 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

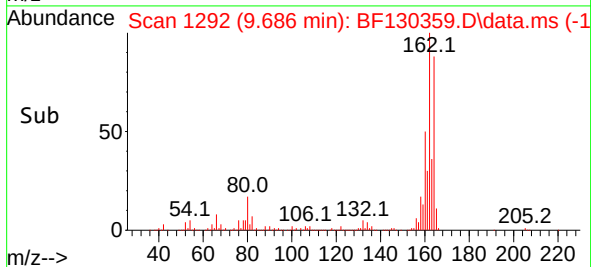
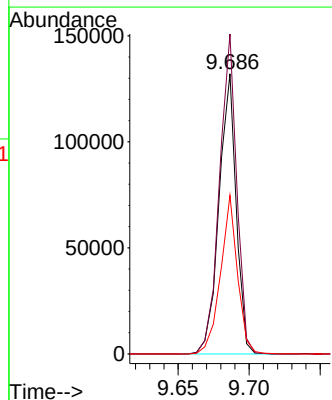
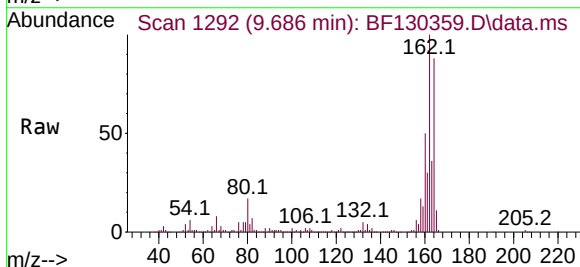
Instrument :  
BNA\_F  
ClientSampleId :  
WC-17-4-3RE

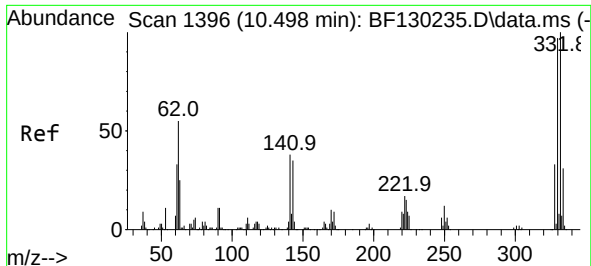
Tgt Ion: 82 Resp: 941793  
Ion Ratio Lower Upper  
82 100  
128 45.6 32.6 49.0  
54 49.1 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

Tgt Ion:164 Resp: 111498  
Ion Ratio Lower Upper  
164 100  
162 114.2 81.4 122.0  
160 56.6 36.2 54.4#

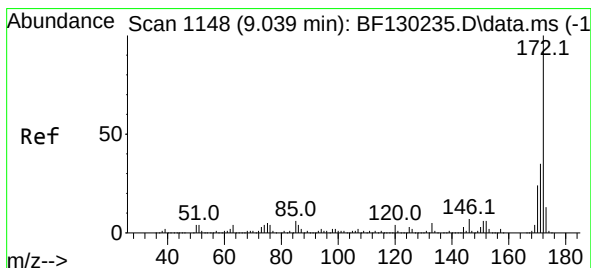
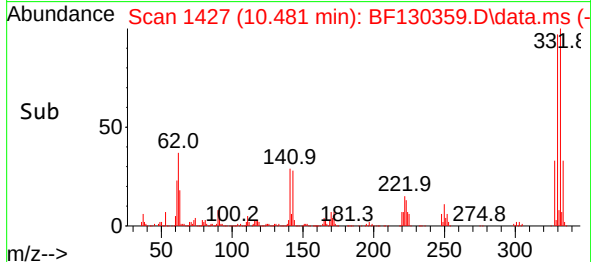
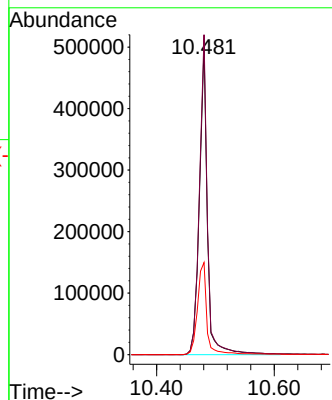
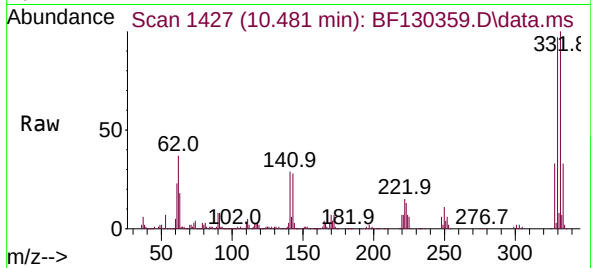




#42  
2,4,6-Tribromophenol  
Concen: 444.657 ng  
RT: 10.481 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

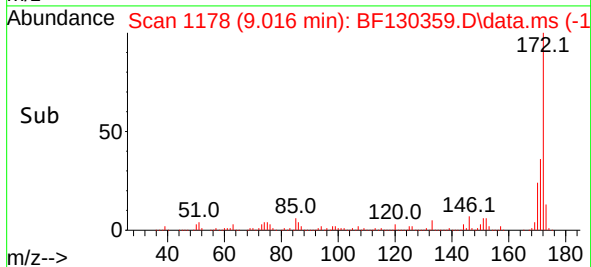
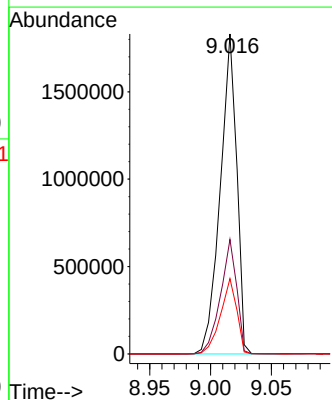
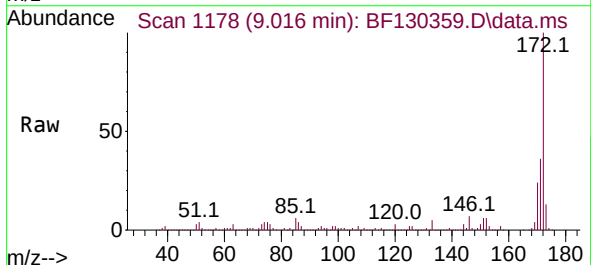
Instrument :  
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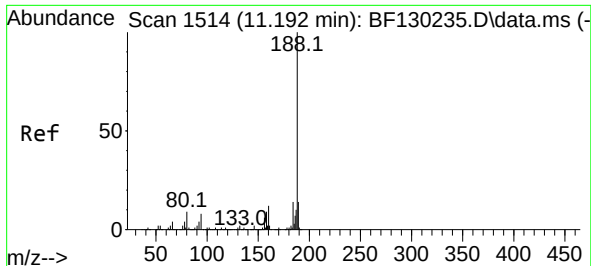
Tgt Ion:330 Resp: 475055  
Ion Ratio Lower Upper  
330 100  
332 103.7 83.4 125.2  
141 35.0 34.0 51.0



#45  
2-Fluorobiphenyl  
Concen: 224.992 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

Tgt Ion:172 Resp: 1722727  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.3 42.5  
170 23.5 18.7 28.1

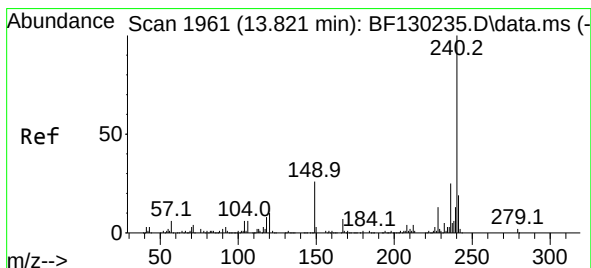
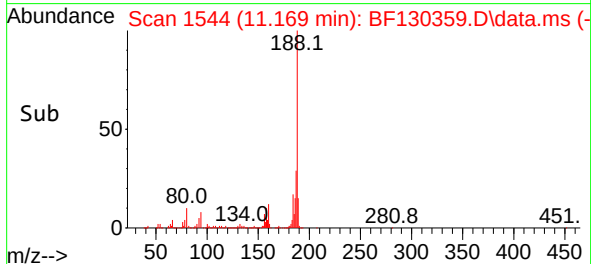
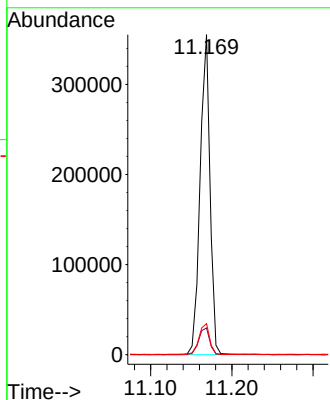
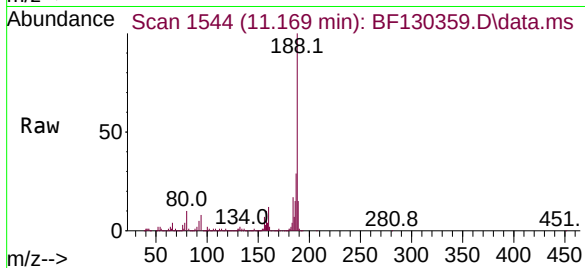




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.169 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

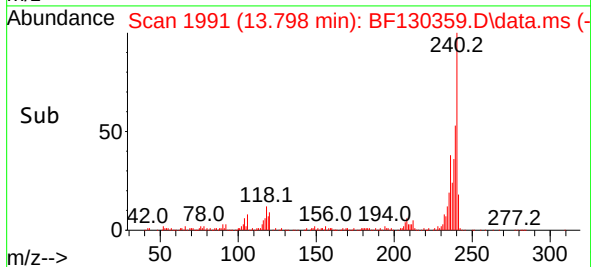
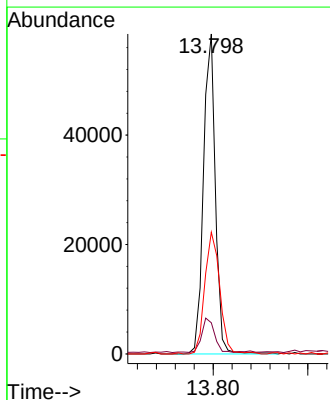
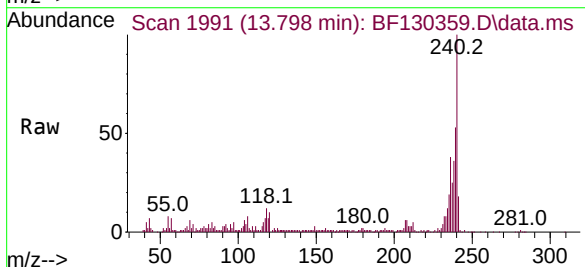
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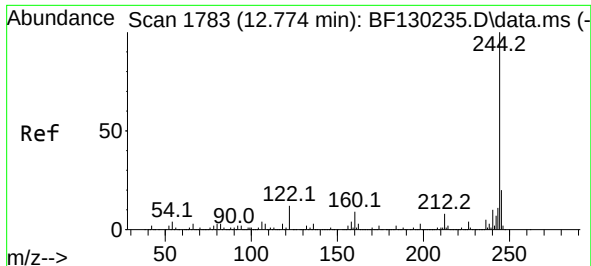
Tgt Ion:188 Resp: 299034  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.4 11.2  
80 9.7 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.798 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF130359.D  
Acq: 21 Sep 2022 13:49

Tgt Ion:240 Resp: 51206  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.7 13.1  
236 38.0 20.9 31.3#

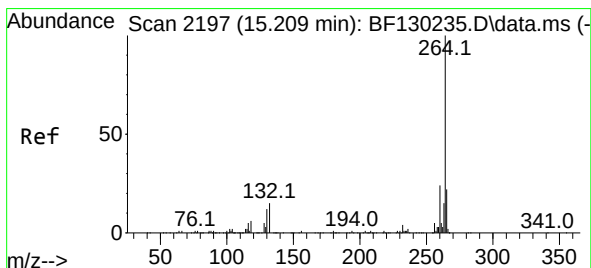
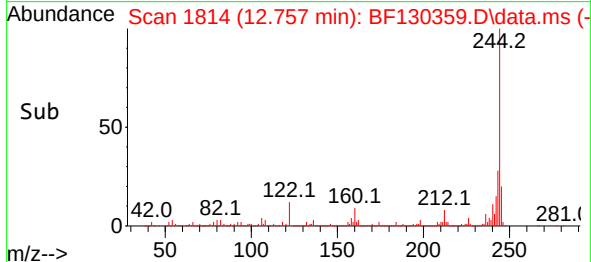
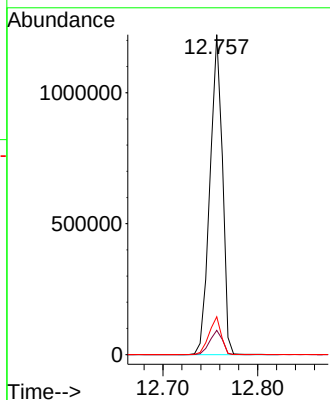
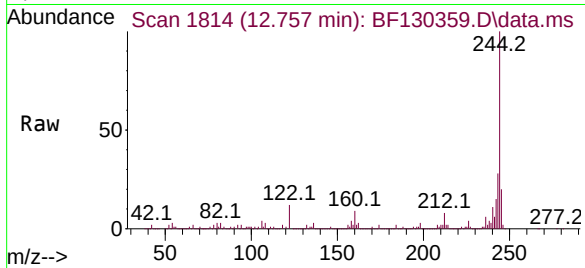




#79  
 Terphenyl-d14  
 Concen: 362.911 ng  
 RT: 12.757 min Scan# 1814  
 Delta R.T. 0.000 min  
 Lab File: BF130359.D  
 Acq: 21 Sep 2022 13:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1121843  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 11.8 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.186 min Scan# 2227  
 Delta R.T. 0.000 min  
 Lab File: BF130359.D  
 Acq: 21 Sep 2022 13:49

Tgt Ion:264 Resp: 2006  
 Ion Ratio Lower Upper  
 264 100  
 260 69.7 19.3 28.9#  
 265 41.2 17.0 25.4#

