

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092322\  
 Data File : BF130394.D  
 Acq On : 23 Sep 2022 16:59  
 Operator : CG\JU  
 Sample : N4764-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-01

Quant Time: Sep 23 17:57:33 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   | 6.651  | 152  | 86359    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.934  | 136  | 327858   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.686  | 164  | 163750   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.163 | 188  | 244317   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.798 | 240  | 167818   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.192 | 264  | 196647   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.251  | 112  | 424717   | 85.302 | ng    | 0.00     |
| 7) Phenol-d6                | 6.293  | 99   | 524691   | 84.222 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.216  | 82   | 339665   | 52.928 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.475 | 330  | 119950   | 76.448 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.010  | 172  | 646929   | 57.530 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.757 | 244  | 525548   | 51.876 | ng    | 0.00     |

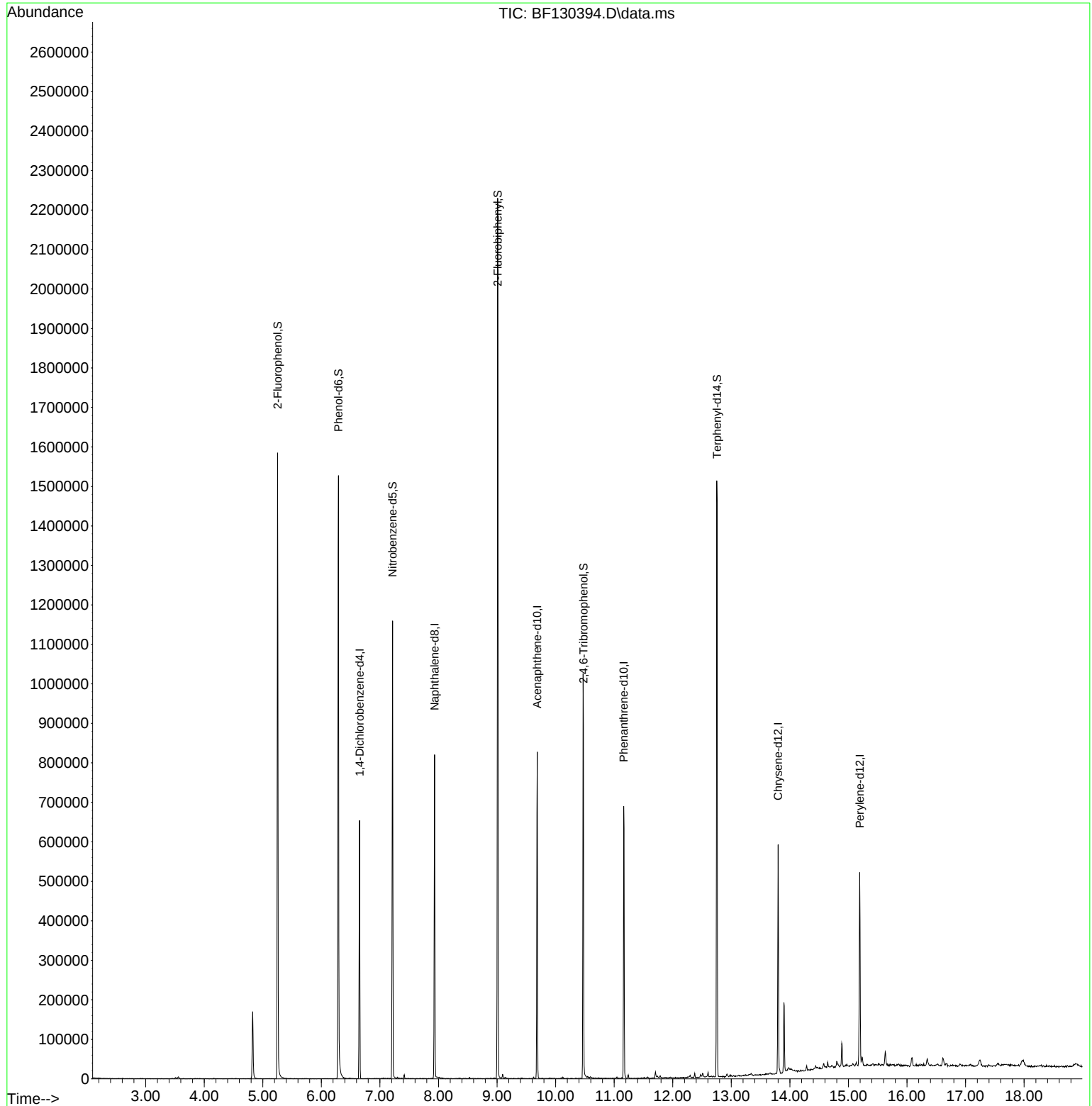
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

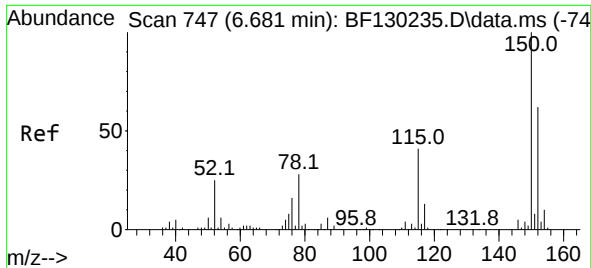
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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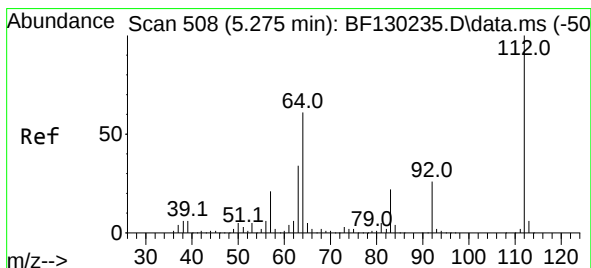
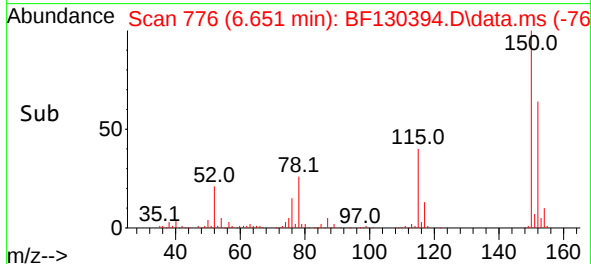
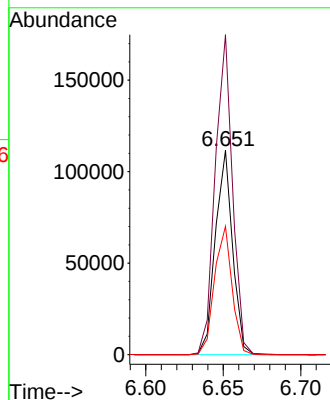
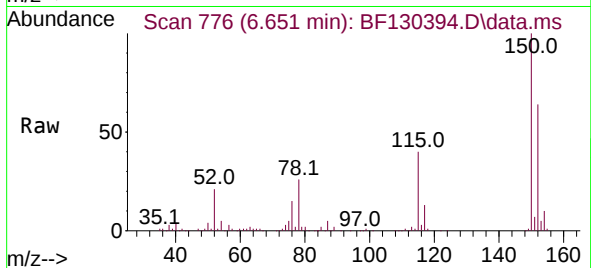




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.651 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

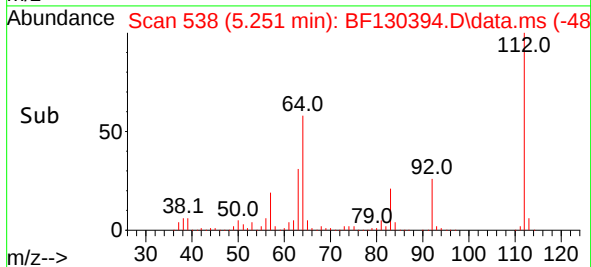
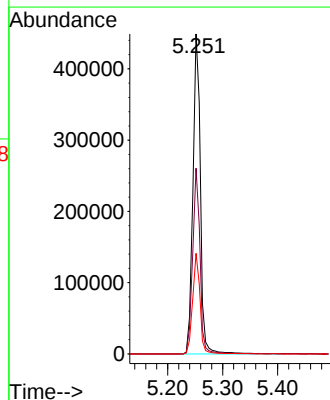
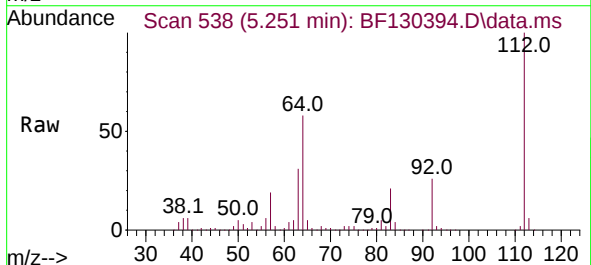
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-01

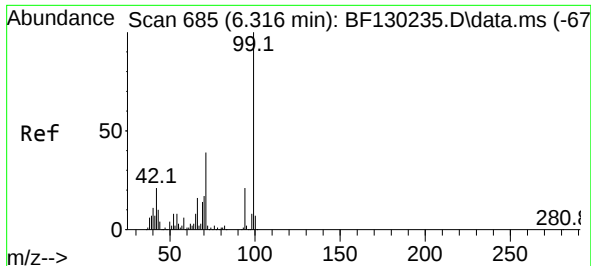
Tgt Ion:152 Resp: 86359  
Ion Ratio Lower Upper  
152 100  
150 156.7 122.8 184.2  
115 62.8 53.8 80.8



#5  
2-Fluorophenol  
Concen: 85.302 ng  
RT: 5.251 min Scan# 538  
Delta R.T. -0.006 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

Tgt Ion:112 Resp: 424717  
Ion Ratio Lower Upper  
112 100  
64 58.0 51.4 77.0  
63 31.4 28.8 43.2

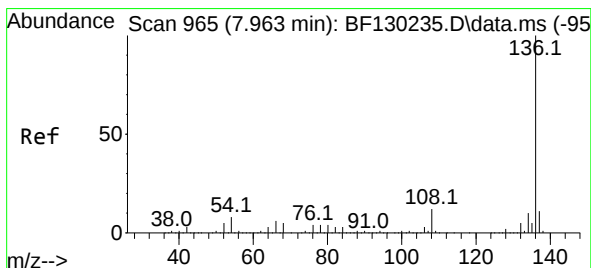
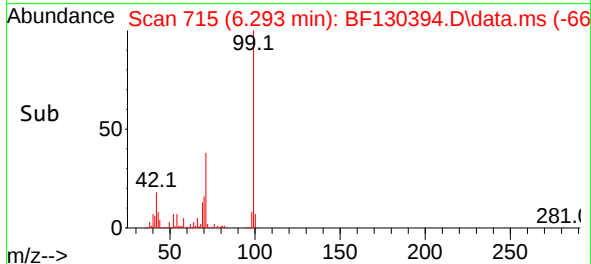
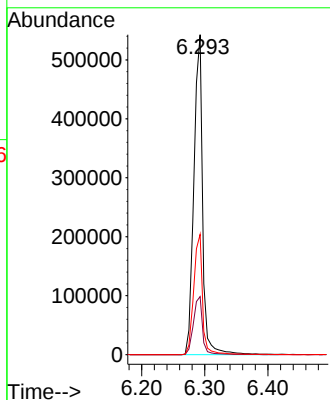
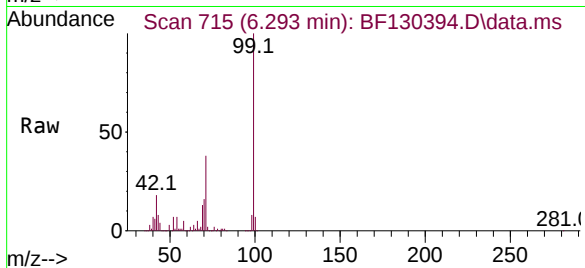




#7  
Phenol-d6  
Concen: 84.222 ng  
RT: 6.293 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

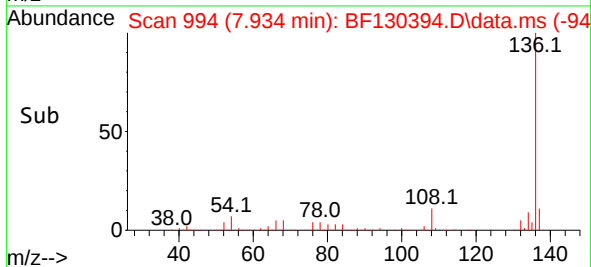
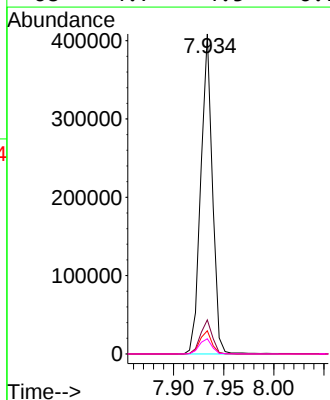
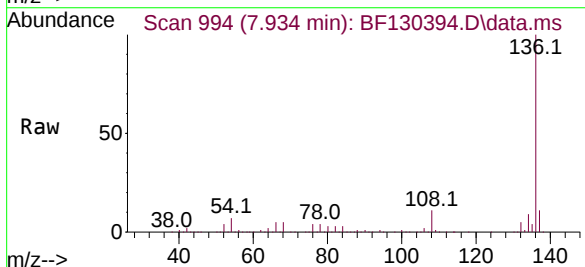
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-01

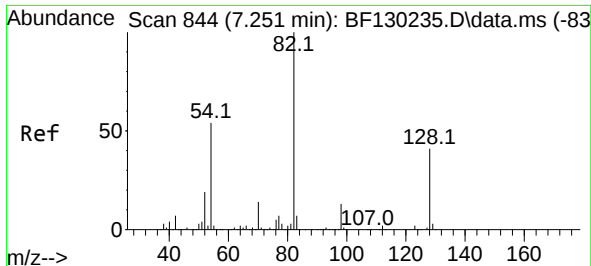
Tgt Ion: 99 Resp: 524691  
Ion Ratio Lower Upper  
99 100  
42 18.1 17.0 25.6  
71 37.6 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.934 min Scan# 994  
Delta R.T. -0.012 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

Tgt Ion: 136 Resp: 327858  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.1 13.7  
54 7.2 7.1 10.7  
68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 52.928 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF130394.D

Acq: 23 Sep 2022 16:59

Instrument :

BNA\_F

ClientSampleId :

RBR-01

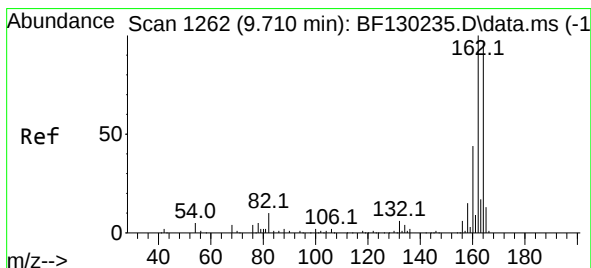
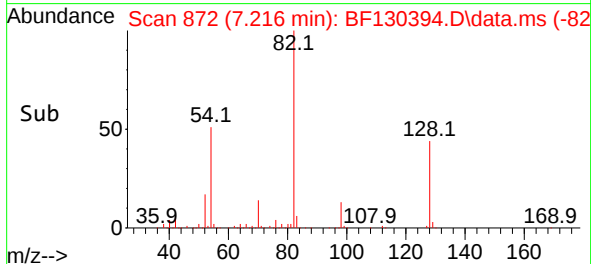
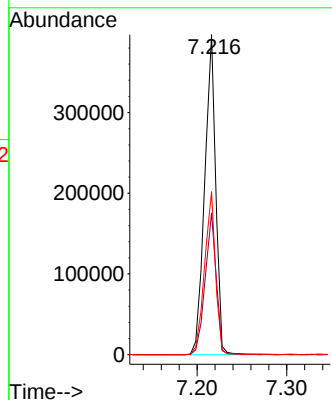
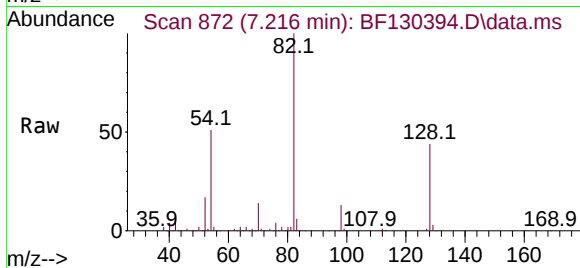
Tgt Ion: 82 Resp: 339665

Ion Ratio Lower Upper

82 100

128 44.3 32.6 49.0

54 51.0 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: BF130394.D

Acq: 23 Sep 2022 16:59

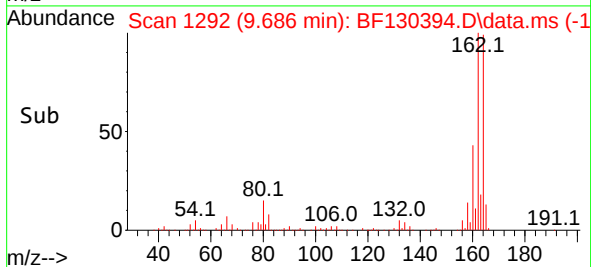
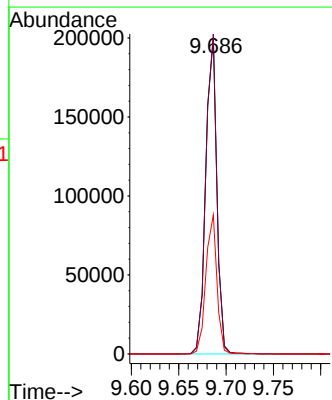
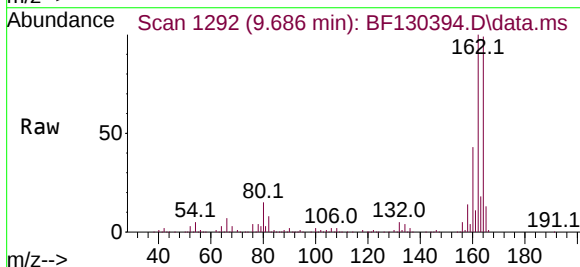
Tgt Ion: 164 Resp: 163750

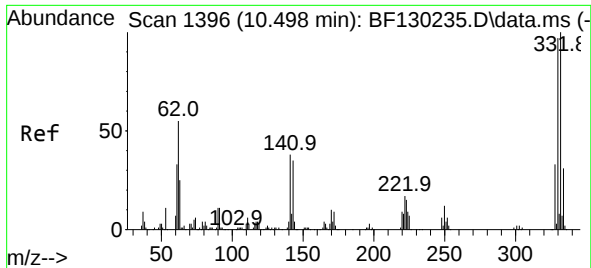
Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 44.0 36.2 54.4

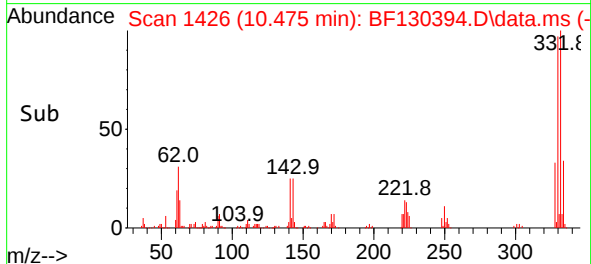
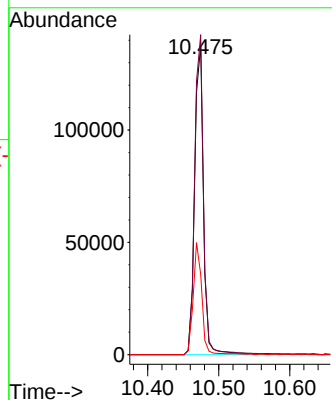
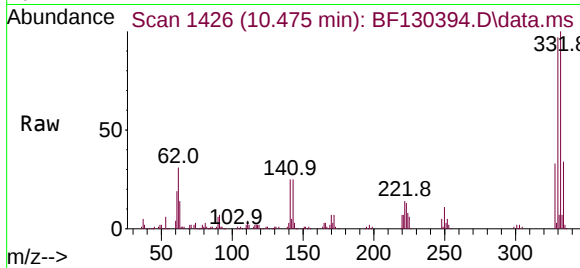




#42  
2,4,6-Tribromophenol  
Concen: 76.448 ng  
RT: 10.475 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

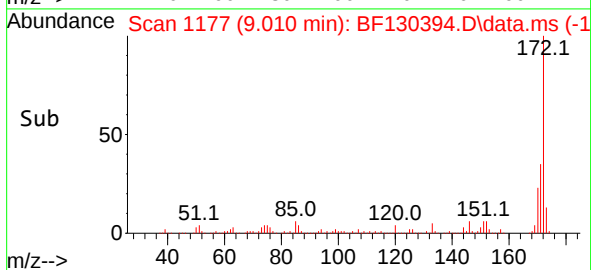
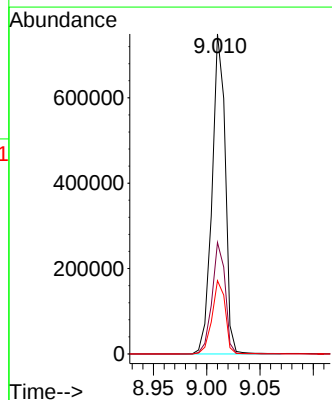
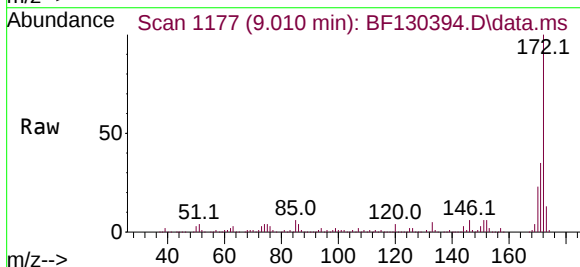
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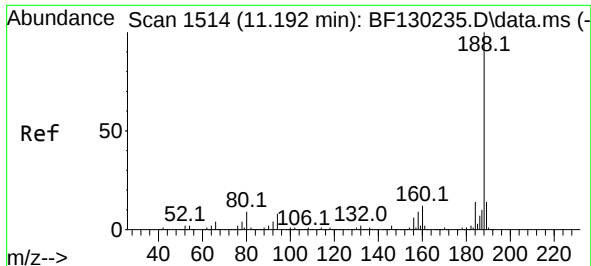
Tgt Ion:330 Resp: 119950  
Ion Ratio Lower Upper  
330 100  
332 103.4 83.4 125.2  
141 35.2 34.0 51.0



#45  
2-Fluorobiphenyl  
Concen: 57.530 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.012 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

Tgt Ion:172 Resp: 646929  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.3 42.5  
170 22.9 18.7 28.1

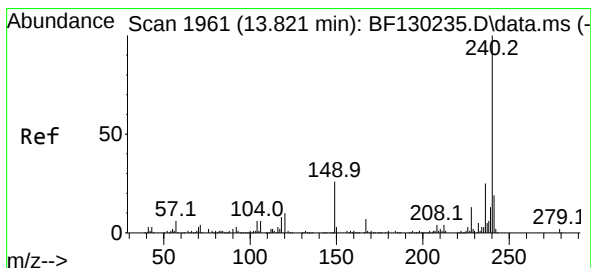
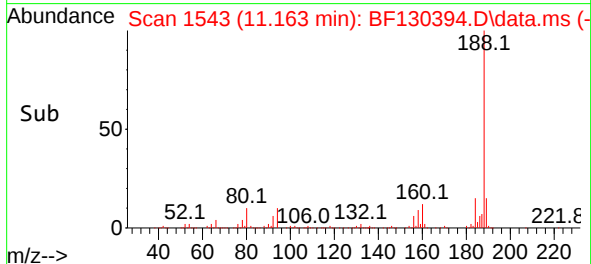
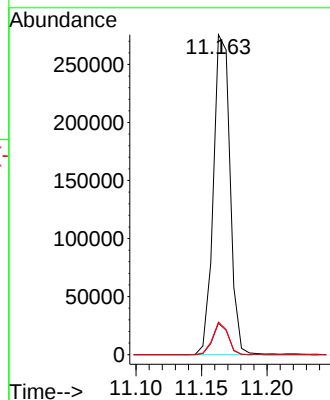
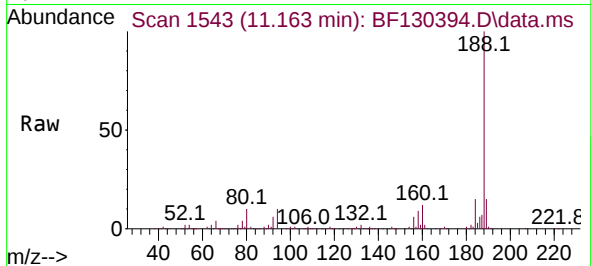




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.163 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

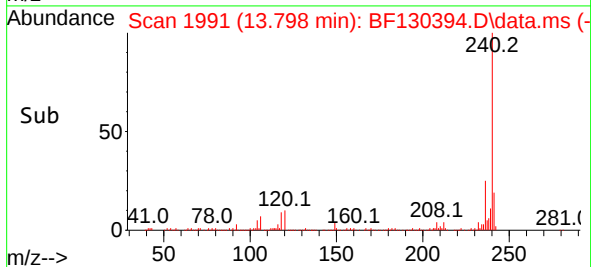
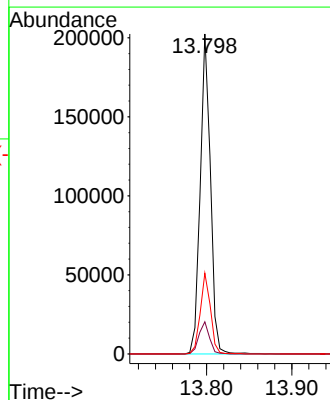
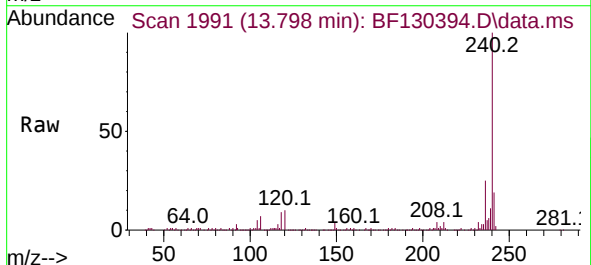
Instrument :  
BNA\_F  
ClientSampleId :  
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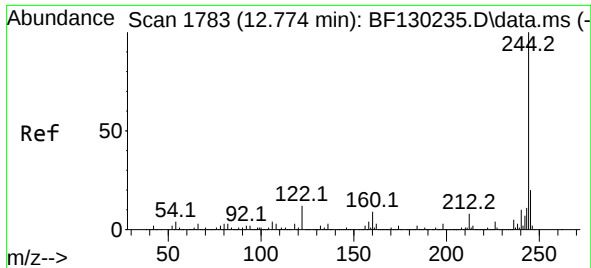
Tgt Ion:188 Resp: 244317  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.4 11.2  
80 10.2 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.798 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF130394.D  
Acq: 23 Sep 2022 16:59

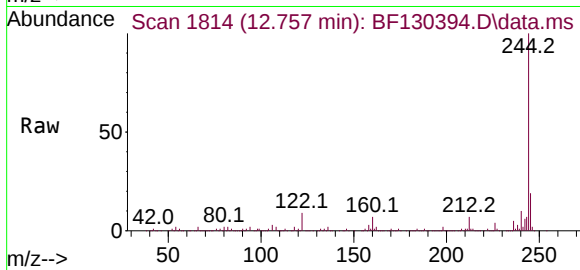
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Ion Ratio Lower Upper  
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236 25.2 20.9 31.3



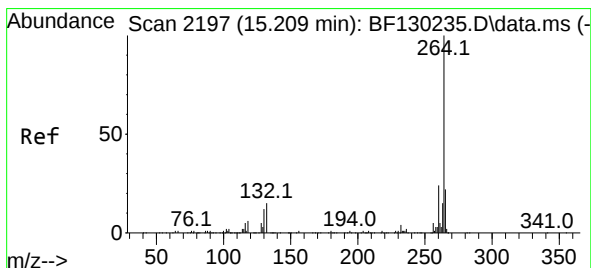
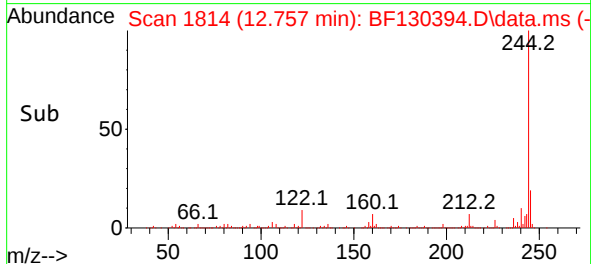
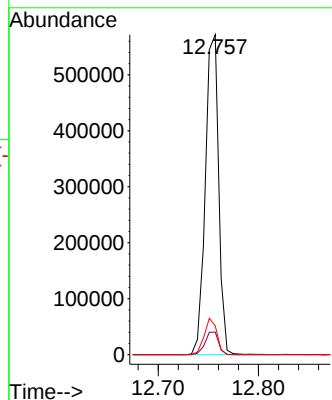


#79  
 Terphenyl-d14  
 Concen: 51.876 ng  
 RT: 12.757 min Scan# 1814  
 Delta R.T. 0.000 min  
 Lab File: BF130394.D  
 Acq: 23 Sep 2022 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-01



Tgt Ion:244 Resp: 525548  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 9.0 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.192 min Scan# 2228  
 Delta R.T. 0.006 min  
 Lab File: BF130394.D  
 Acq: 23 Sep 2022 16:59

Tgt Ion:264 Resp: 196647  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.3 28.9  
 265 20.9 17.0 25.4

