

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090922\  
 Data File : BF130198.D  
 Acq On : 09 Sep 2022 16:58  
 Operator : CG\JU  
 Sample : N4549-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-56

Quant Time: Sep 09 23:48:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 07 02:05:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.692  | 152  | 156422   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.975  | 136  | 734671   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.722  | 164  | 386261   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.204 | 188  | 632551   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.833 | 240  | 359622   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.233 | 264  | 304370   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.293  | 112  | 606484   | 65.822  | ng    | 0.00     |
| 7) Phenol-d6                | 6.322  | 99   | 440705   | 38.365  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.257  | 82   | 1171514  | 102.479 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.516 | 330  | 563956   | 160.395 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.057  | 172  | 2119431  | 90.973  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.792 | 244  | 2143619  | 103.367 | ng    | 0.00     |

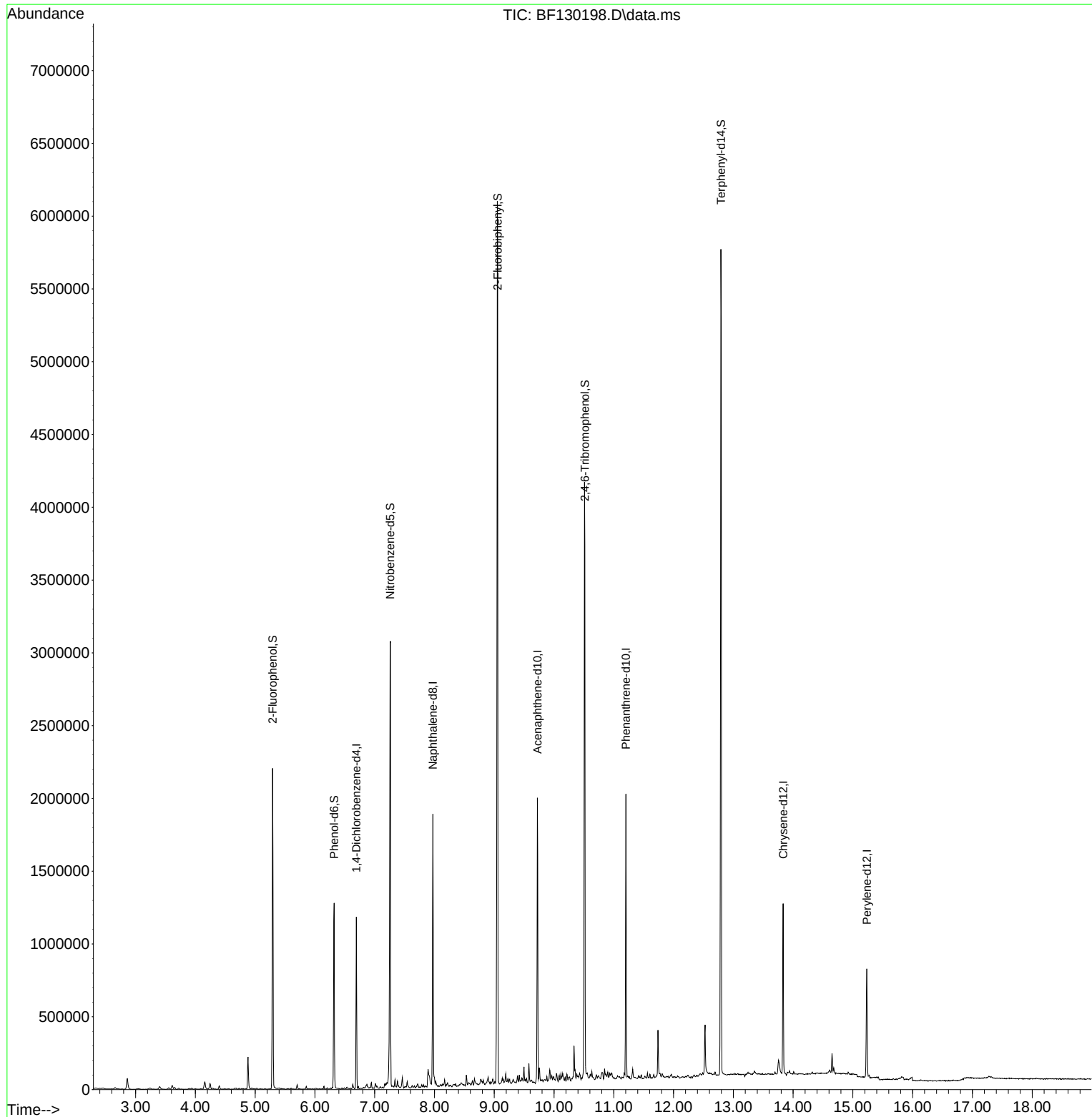
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

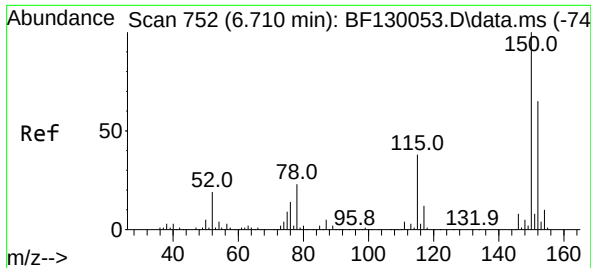
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 07 02:05:07 2022  
Response via : Initial Calibration

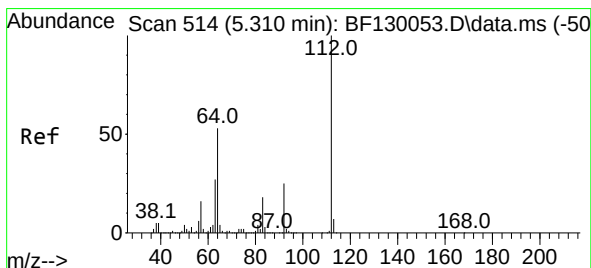
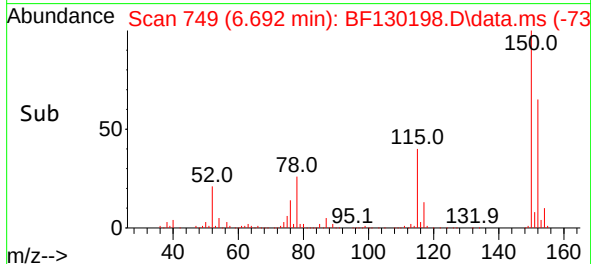
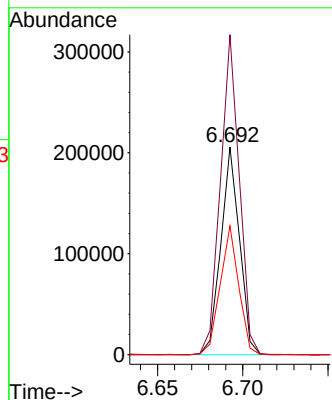
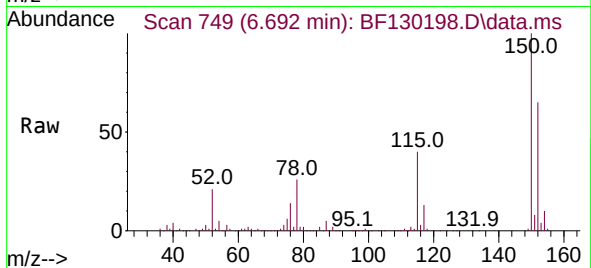




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.692 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BF130198.D  
 Acq: 09 Sep 2022 16:58

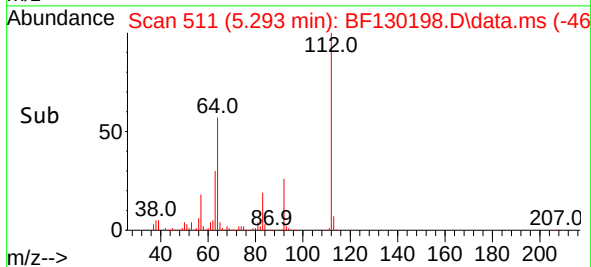
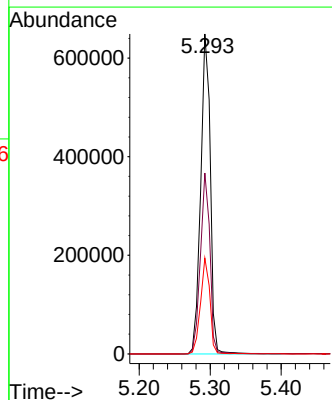
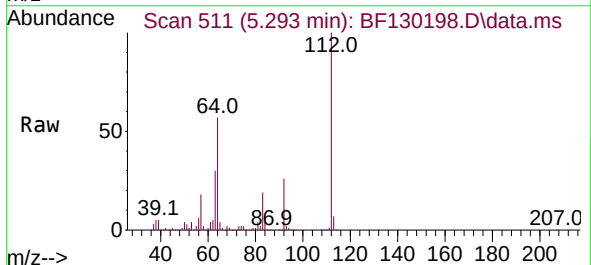
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-56

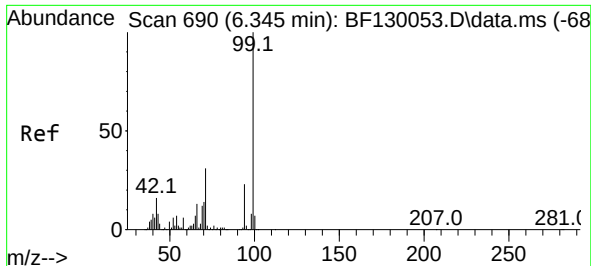
Tgt Ion:152 Resp: 156422  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 126.9 190.3  
 115 62.1 53.4 80.0



#5  
 2-Fluorophenol  
 Concen: 65.822 ng  
 RT: 5.293 min Scan# 511  
 Delta R.T. -0.006 min  
 Lab File: BF130198.D  
 Acq: 09 Sep 2022 16:58

Tgt Ion:112 Resp: 606484  
 Ion Ratio Lower Upper  
 112 100  
 64 56.5 47.6 71.4  
 63 29.9 24.6 37.0

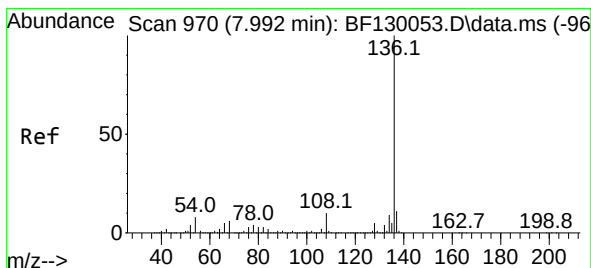
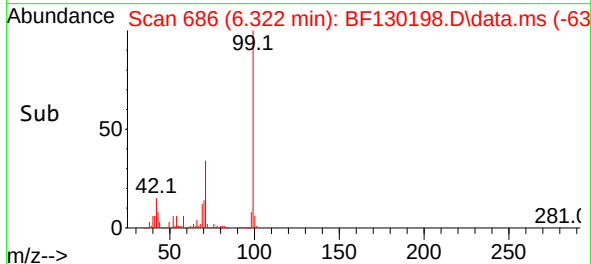
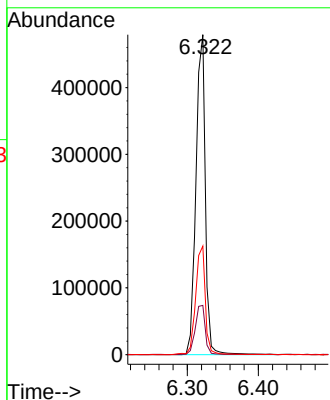
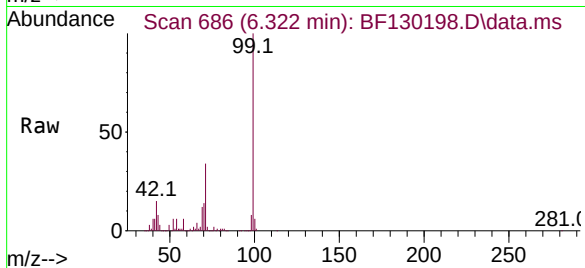




#7  
Phenol-d6  
Concen: 38.365 ng  
RT: 6.322 min Scan# 68  
Delta R.T. -0.012 min  
Lab File: BF130198.D  
Acq: 09 Sep 2022 16:58

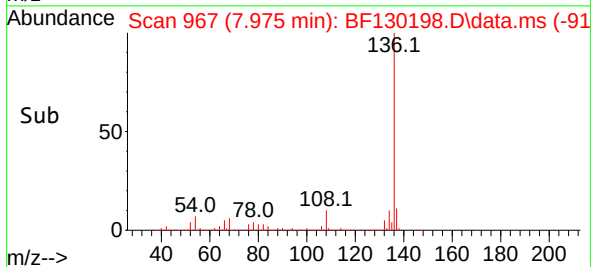
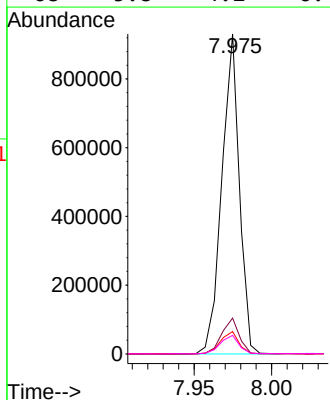
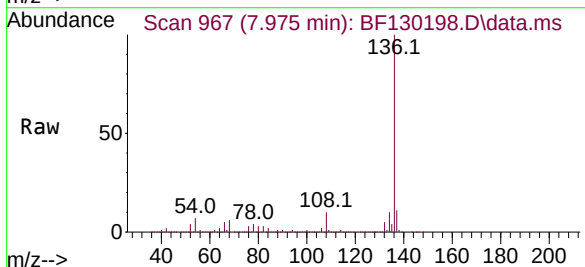
Instrument :  
BNA\_F  
ClientSampleId :  
MW-56

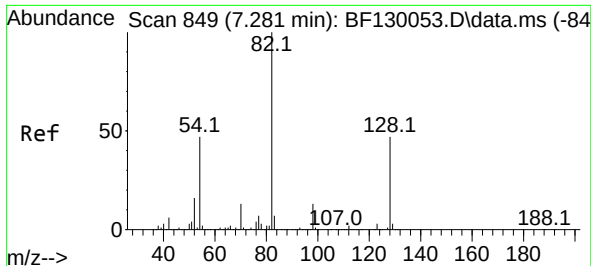
Tgt Ion: 99 Resp: 440705  
Ion Ratio Lower Upper  
99 100  
42 15.4 15.0 22.4  
71 33.9 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.975 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF130198.D  
Acq: 09 Sep 2022 16:58

Tgt Ion: 136 Resp: 734671  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 7.0 6.2 9.2  
68 5.8 4.2 6.4

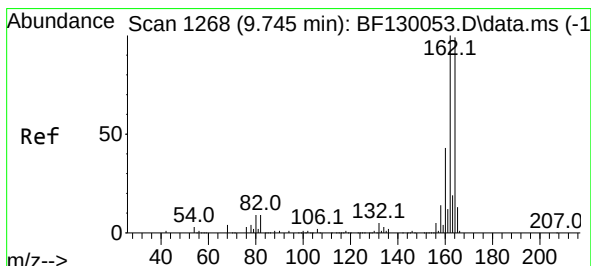
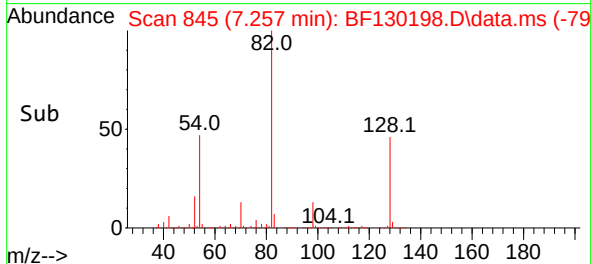
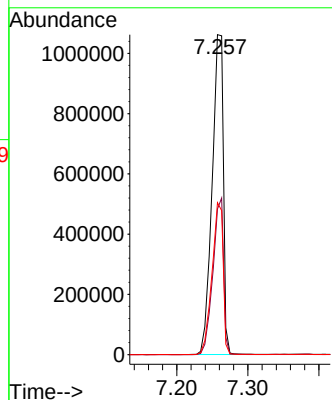
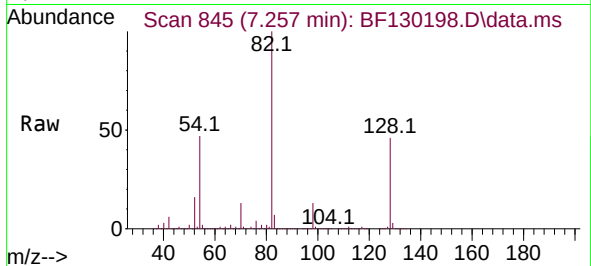




#23  
Nitrobenzene-d5  
Concen: 102.479 ng  
RT: 7.257 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF130198.D  
Acq: 09 Sep 2022 16:58

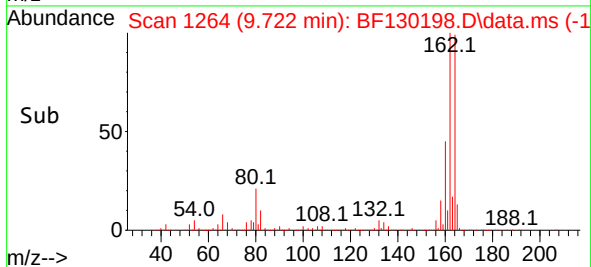
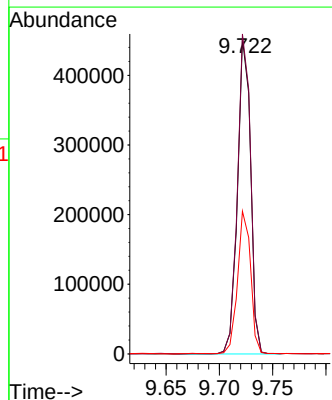
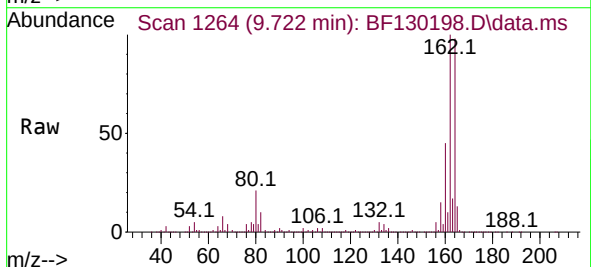
Instrument :  
BNA\_F  
ClientSampleId :  
MW-56

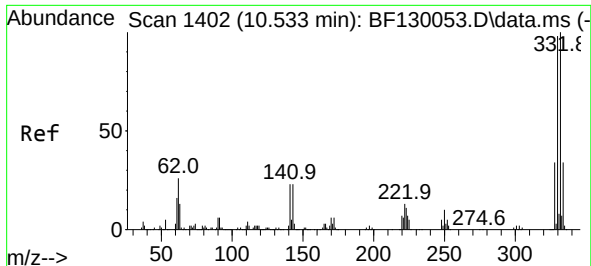
Tgt Ion: 82 Resp: 1171514  
Ion Ratio Lower Upper  
82 100  
128 45.5 36.1 54.1  
54 47.5 40.0 60.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.722 min Scan# 1264  
Delta R.T. -0.012 min  
Lab File: BF130198.D  
Acq: 09 Sep 2022 16:58

Tgt Ion: 164 Resp: 386261  
Ion Ratio Lower Upper  
164 100  
162 101.6 82.0 123.0  
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 160.395 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130198.D

Acq: 09 Sep 2022 16:58

Instrument :

BNA\_F

ClientSampleId :

MW-56

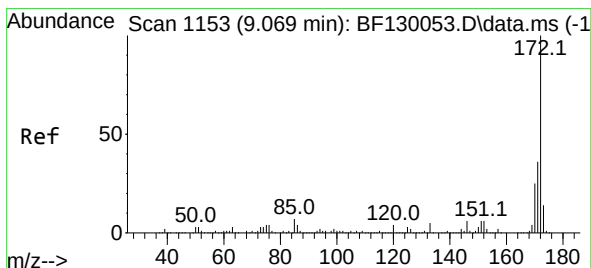
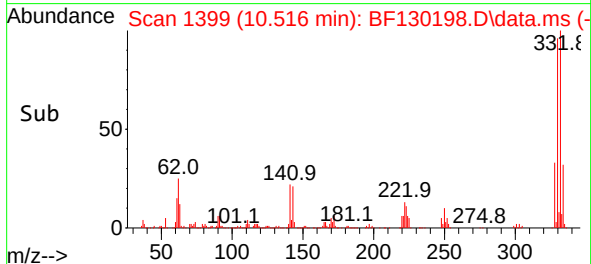
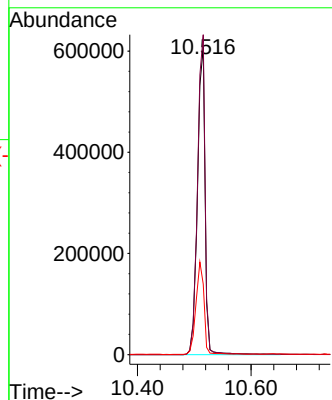
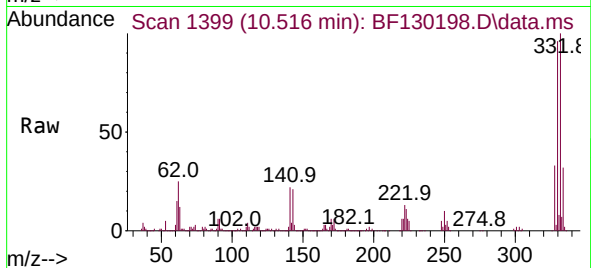
Tgt Ion:330 Resp: 563956

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 31.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 90.973 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130198.D

Acq: 09 Sep 2022 16:58

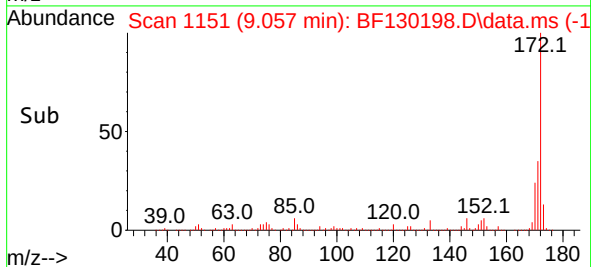
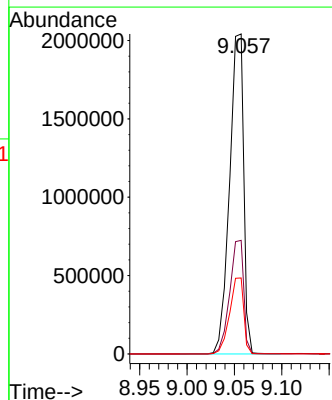
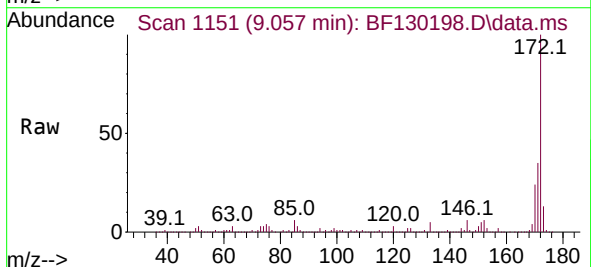
Tgt Ion:172 Resp: 2119431

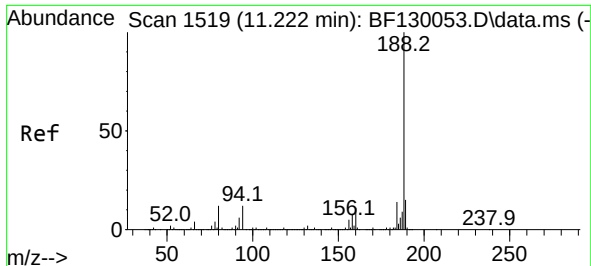
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130198.D

Acq: 09 Sep 2022 16:58

Instrument :

BNA\_F

ClientSampleId :

MW-56

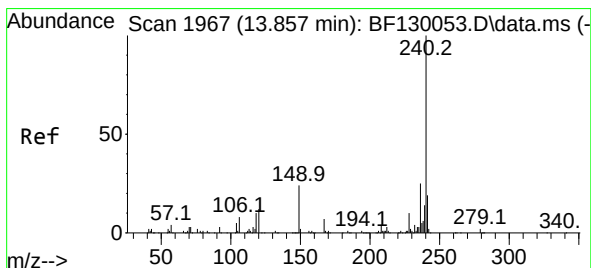
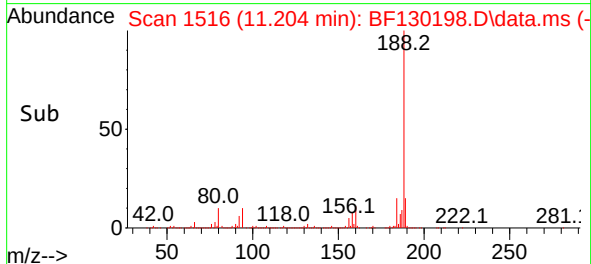
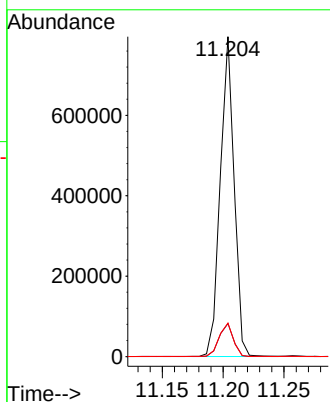
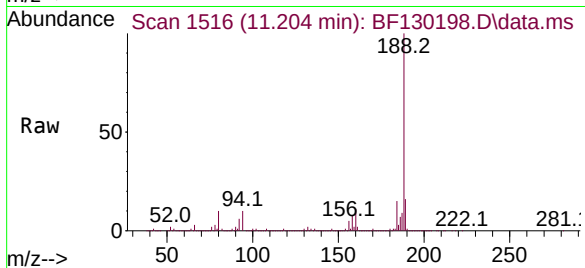
Tgt Ion:188 Resp: 632551

Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.2

80 10.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.833 min Scan# 1963

Delta R.T. -0.012 min

Lab File: BF130198.D

Acq: 09 Sep 2022 16:58

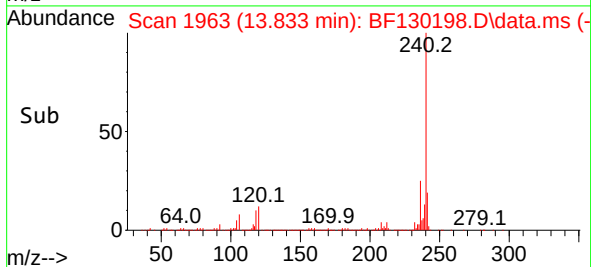
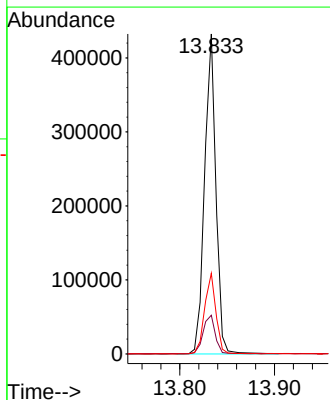
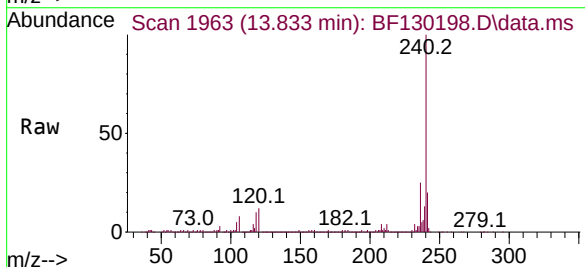
Tgt Ion:240 Resp: 359622

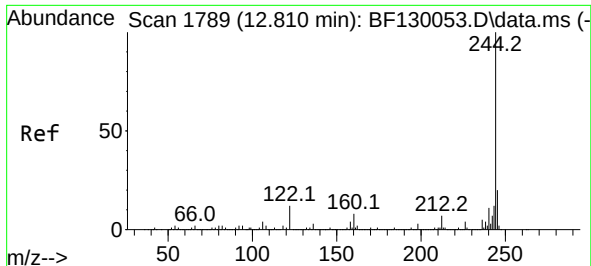
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.2 20.7 31.1

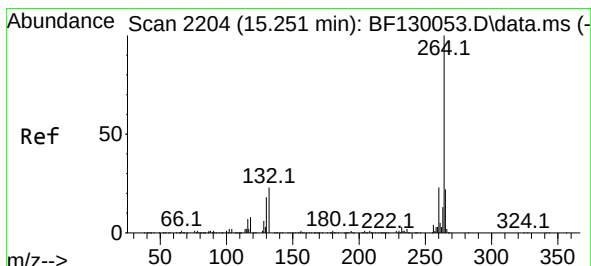
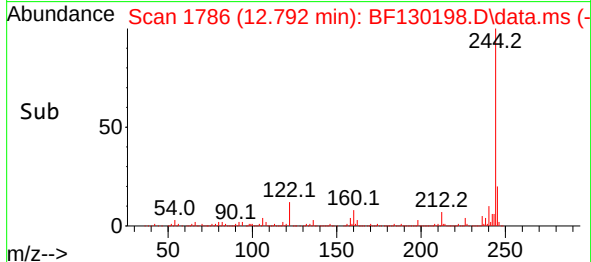
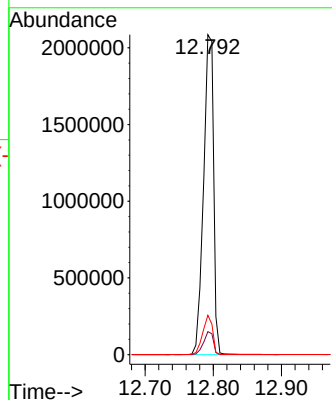
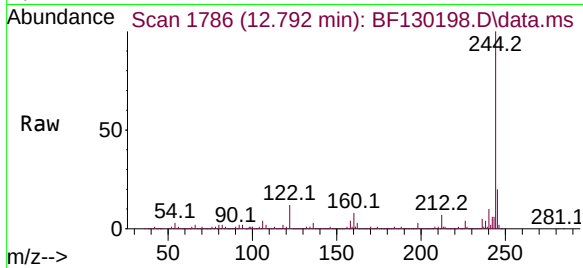




#79  
 Terphenyl-d14  
 Concen: 103.367 ng  
 RT: 12.792 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF130198.D  
 Acq: 09 Sep 2022 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-56

Tgt Ion:244 Resp: 2143619  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 12.3 9.9 14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.233 min Scan# 2201  
 Delta R.T. -0.006 min  
 Lab File: BF130198.D  
 Acq: 09 Sep 2022 16:58

Tgt Ion:264 Resp: 304370  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.1 28.7  
 265 21.1 16.7 25.1

