

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122322\  
 Data File : BF131813.D  
 Acq On : 23 Dec 2022 18:51  
 Operator : CG\JU  
 Sample : N6102-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

Quant Time: Dec 24 03:09:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 00:05:44 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 69070    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.133  | 136  | 251793   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 140056   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 277295   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.057 | 240  | 165556   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.551 | 264  | 94904    | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 279636   | 68.174 | ng    | 0.00     |
| 7) Phenol-d6                | 6.475  | 99   | 262142   | 47.481 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 378236   | 60.982 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 146547   | 95.597 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 636113   | 63.623 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 719548   | 67.737 | ng    | 0.00     |

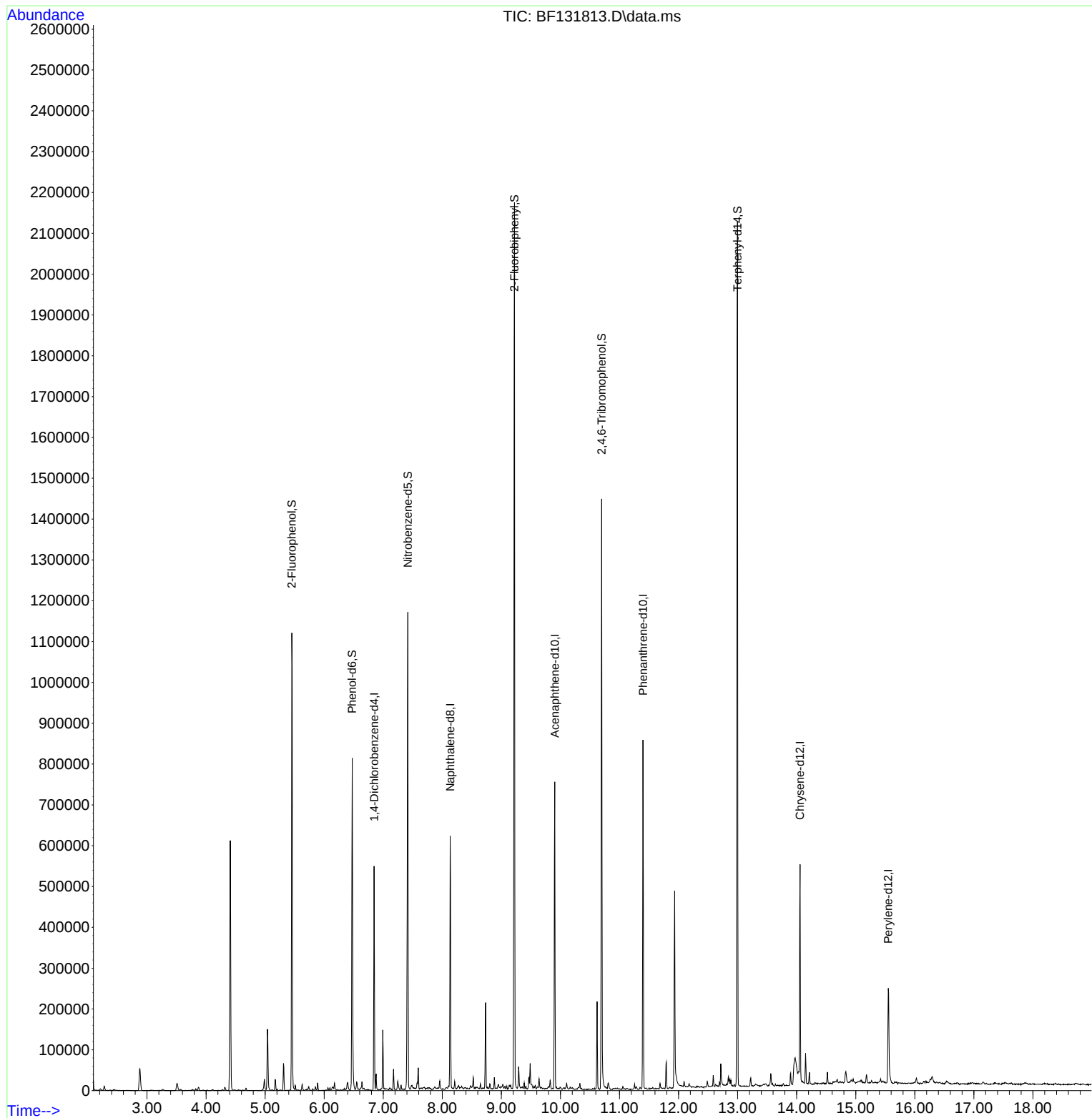
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

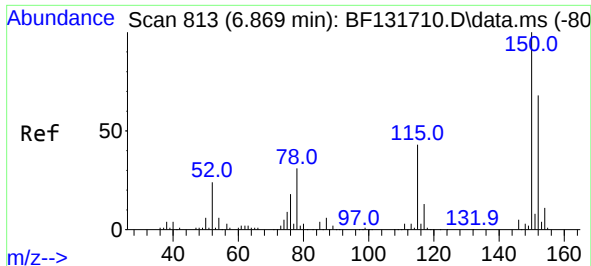
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N6102-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Time: Dec 24 03:09:31 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 24 00:05:44 2022  
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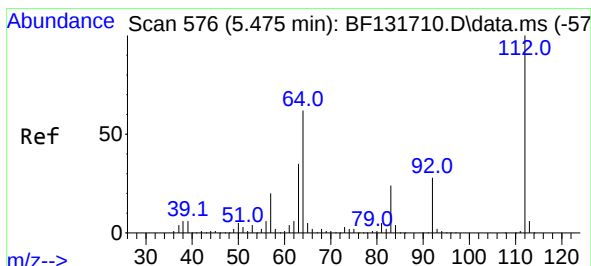
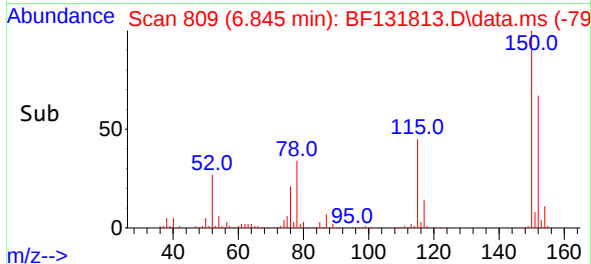
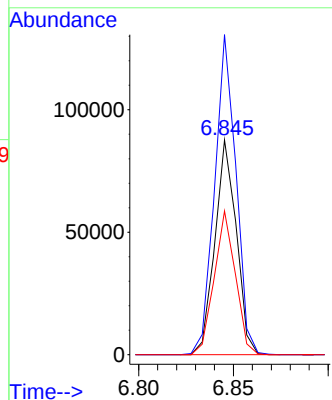
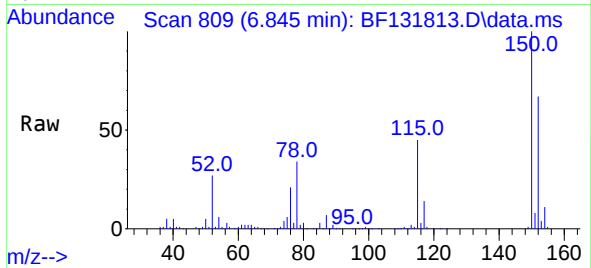




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF131813.D  
Acq: 23 Dec 2022 18:51

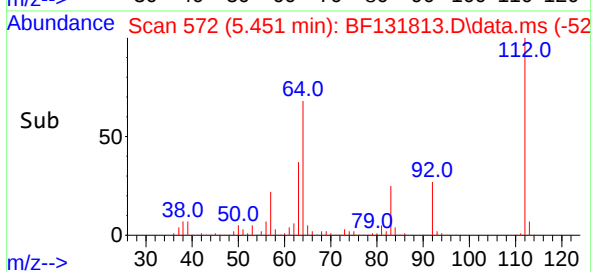
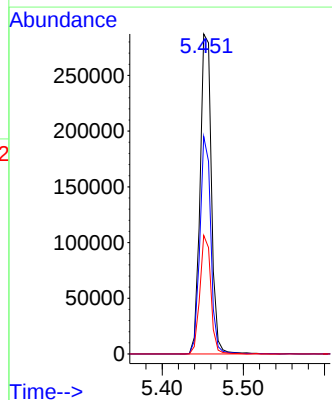
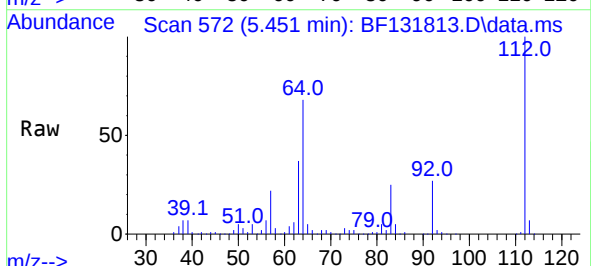
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

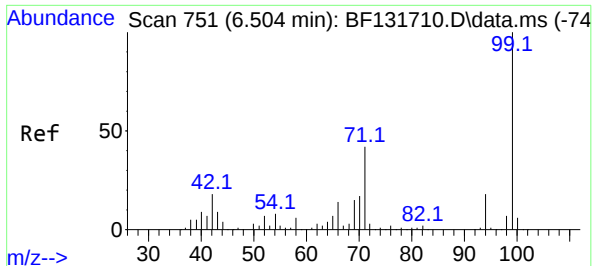
Tgt Ion:152 Resp: 69070  
Ion Ratio Lower Upper  
152 100  
150 149.0 117.4 176.0  
115 66.9 50.2 75.4



#5  
2-Fluorophenol  
Concen: 68.174 ng  
RT: 5.451 min Scan# 572  
Delta R.T. -0.006 min  
Lab File: BF131813.D  
Acq: 23 Dec 2022 18:51

Tgt Ion:112 Resp: 279636  
Ion Ratio Lower Upper  
112 100  
64 67.9 49.5 74.3  
63 37.1 28.2 42.2

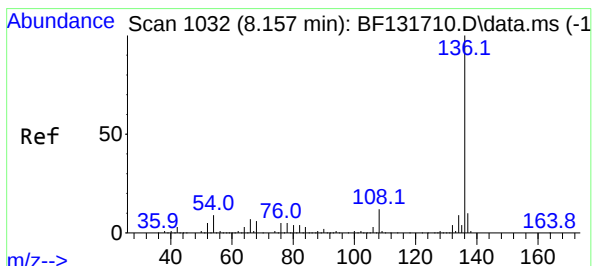
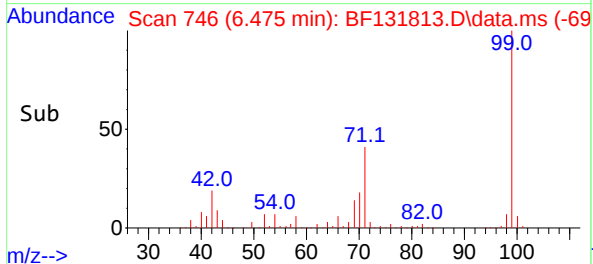
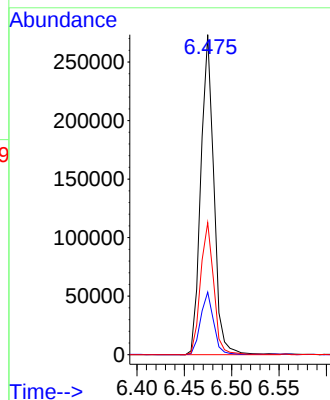
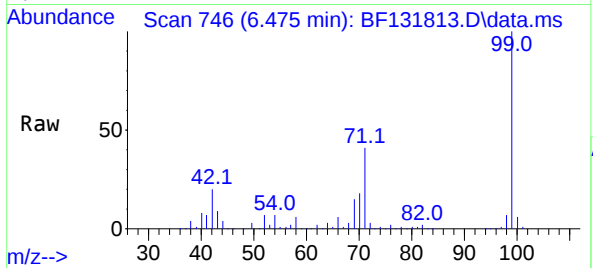




#7  
Phenol-d6  
Concen: 47.481 ng  
RT: 6.475 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF131813.D  
Acq: 23 Dec 2022 18:51

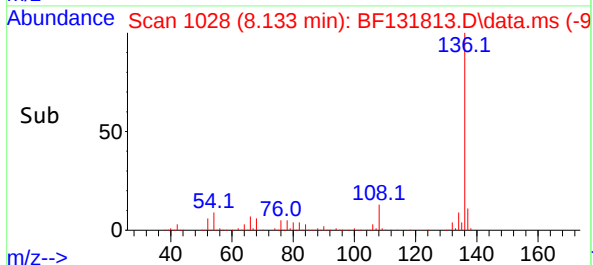
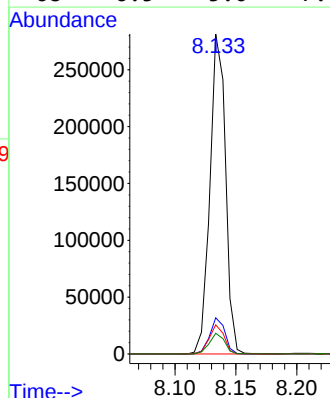
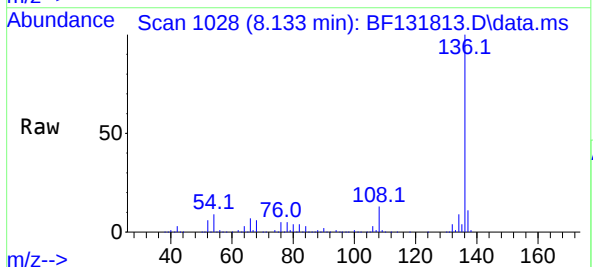
Instrument :  
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MW-3

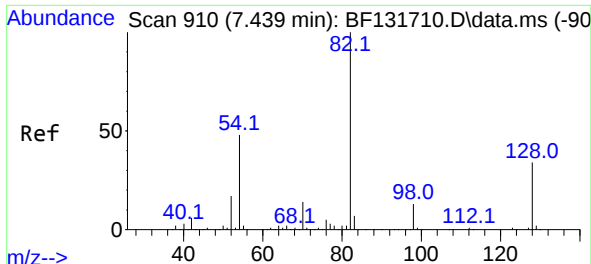
Tgt Ion: 99 Resp: 262142  
Ion Ratio Lower Upper  
99 100  
42 19.6 14.8 22.2  
71 41.3 33.8 50.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF131813.D  
Acq: 23 Dec 2022 18:51

Tgt Ion: 136 Resp: 251793  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.4 12.6  
54 9.1 7.2 10.8  
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 60.982 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF131813.D

Acq: 23 Dec 2022 18:51

Instrument :

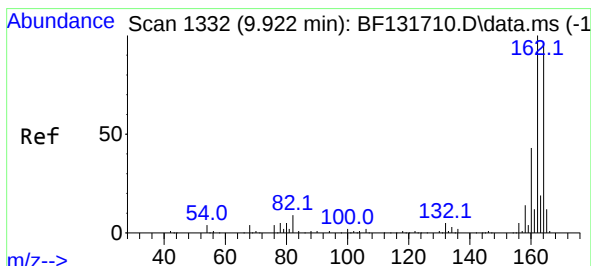
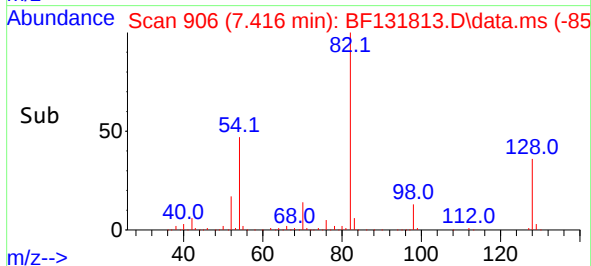
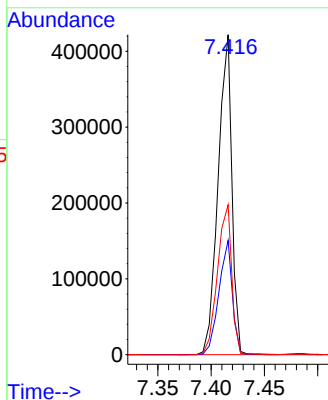
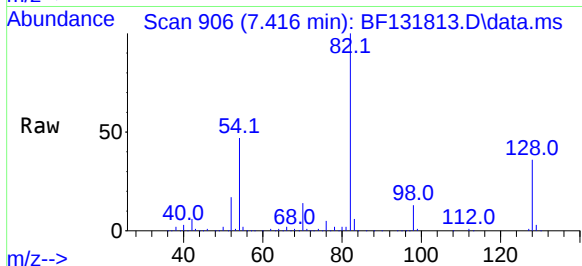
BNA\_F

ClientSampleId :

MW-3

Tgt Ion: 82 Resp: 378236

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.7  | 27.3  | 40.9  |
| 54  | 46.9  | 38.2  | 57.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

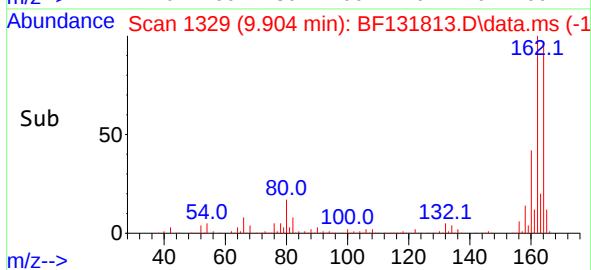
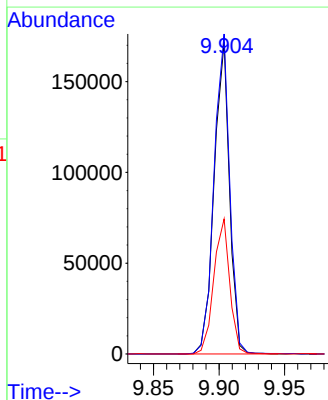
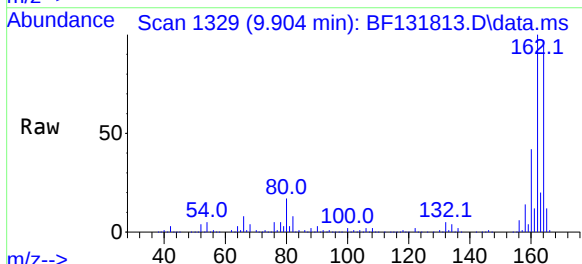
Delta R.T. -0.006 min

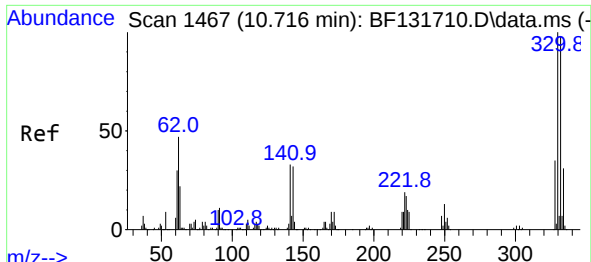
Lab File: BF131813.D

Acq: 23 Dec 2022 18:51

Tgt Ion:164 Resp: 140056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.6 | 83.7  | 125.5 |
| 160 | 43.3  | 36.2  | 54.4  |





#42

2,4,6-Tribromophenol

Concen: 95.597 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF131813.D

Acq: 23 Dec 2022 18:51

Instrument :

BNA\_F

ClientSampleId :

MW-3

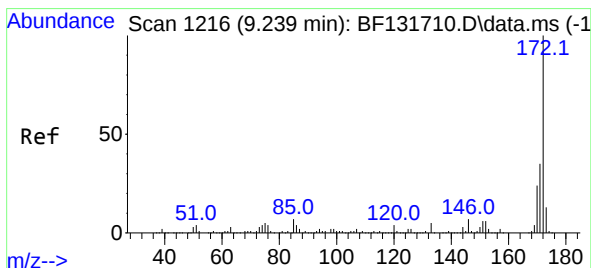
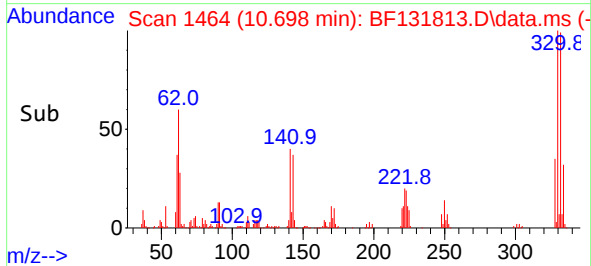
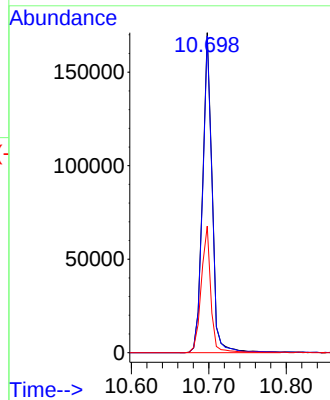
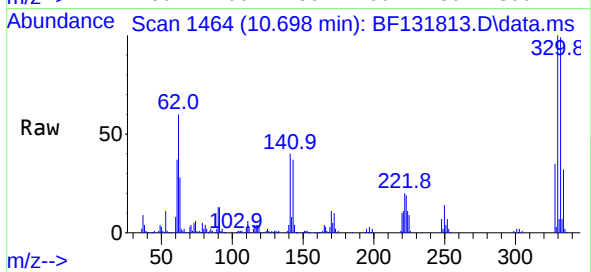
Tgt Ion:330 Resp: 146547

Ion Ratio Lower Upper

330 100

332 98.7 77.1 115.7

141 39.9 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 63.623 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF131813.D

Acq: 23 Dec 2022 18:51

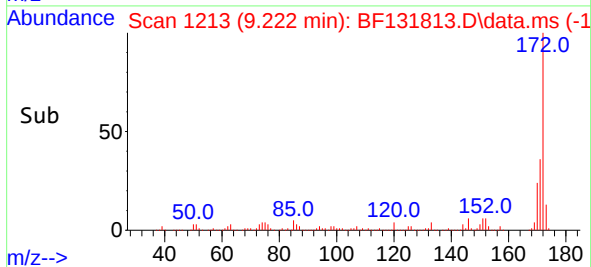
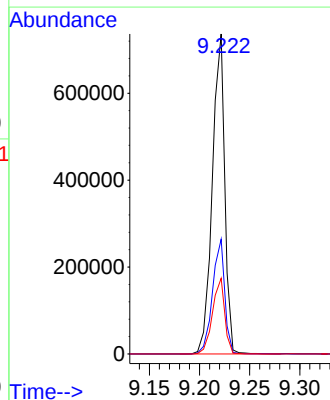
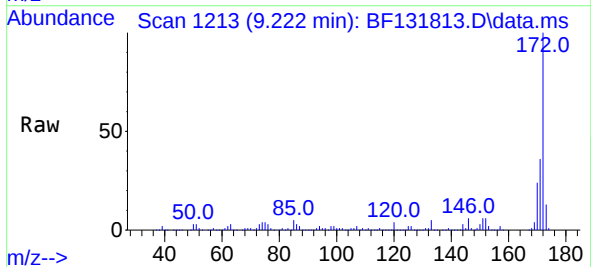
Tgt Ion:172 Resp: 636113

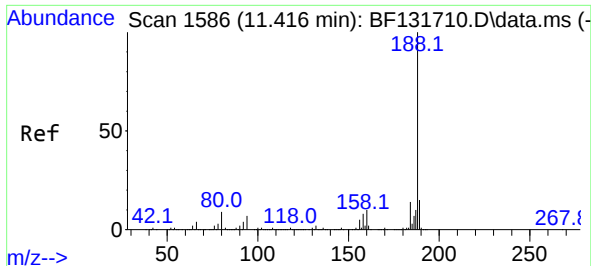
Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 23.7 19.0 28.4

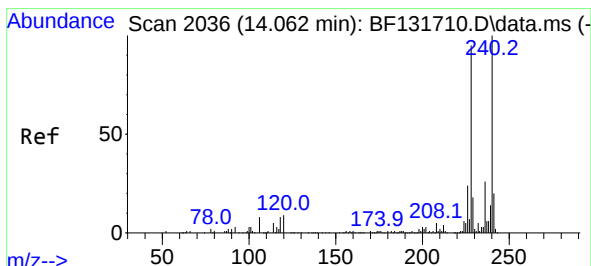
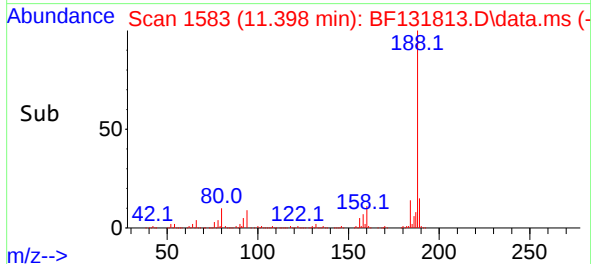
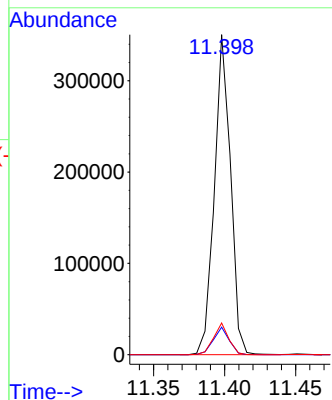
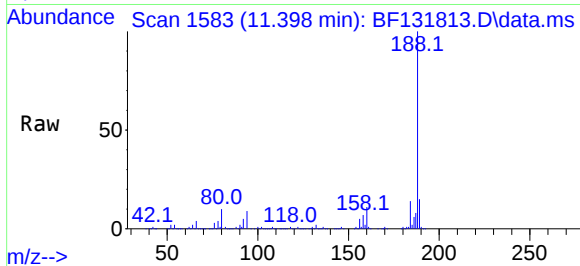




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF131813.D  
Acq: 23 Dec 2022 18:51

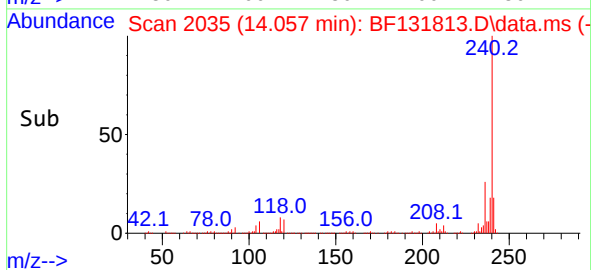
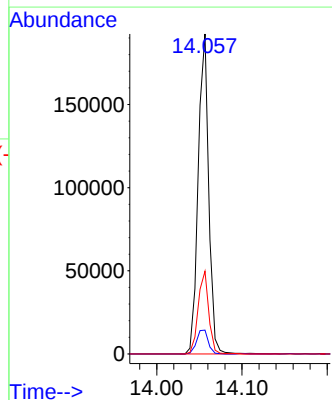
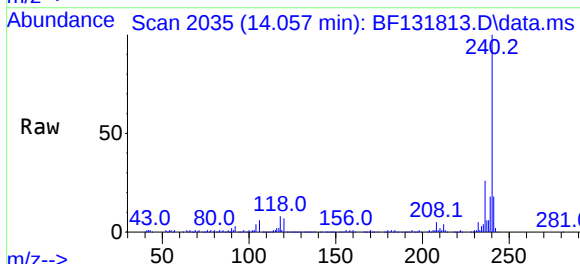
Instrument :  
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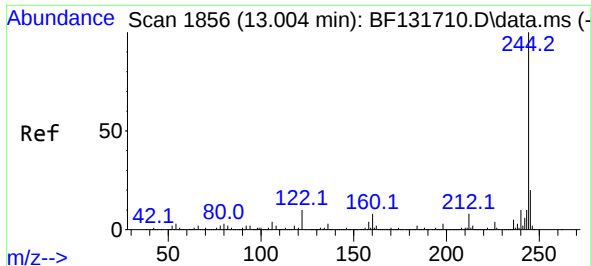
Tgt Ion:188 Resp: 277295  
Ion Ratio Lower Upper  
188 100  
94 8.6 5.9 8.9  
80 9.9 7.0 10.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.012 min  
Lab File: BF131813.D  
Acq: 23 Dec 2022 18:51

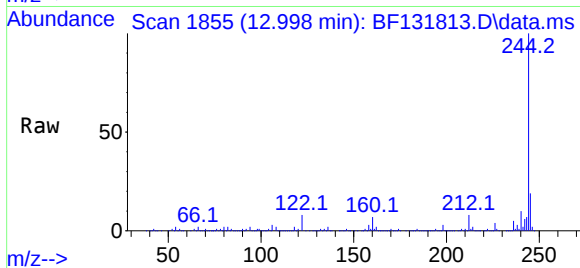
Tgt Ion:240 Resp: 165556  
Ion Ratio Lower Upper  
240 100  
120 7.5 7.6 11.4#  
236 25.9 21.2 31.8



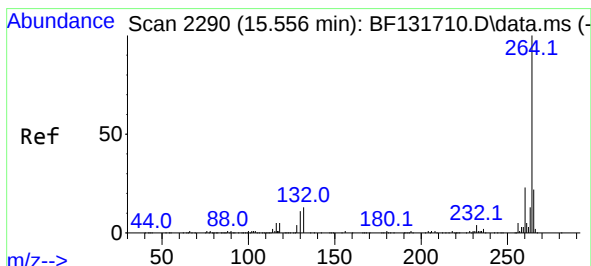
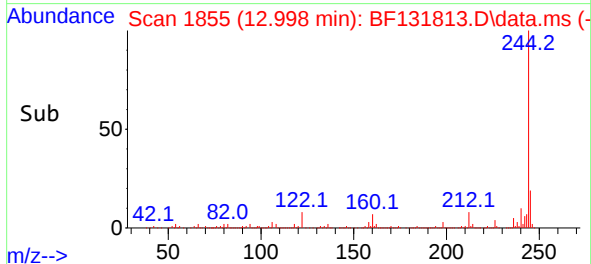
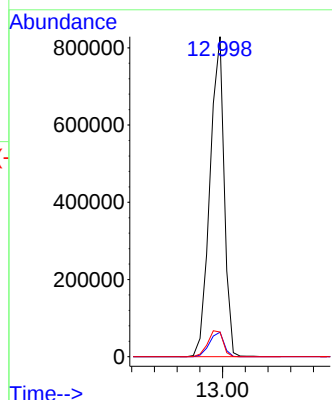


#79  
 Terphenyl-d14  
 Concen: 67.737 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. -0.006 min  
 Lab File: BF131813.D  
 Acq: 23 Dec 2022 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3



Tgt Ion:244 Resp: 719548  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 7.7 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2289  
 Delta R.T. -0.012 min  
 Lab File: BF131813.D  
 Acq: 23 Dec 2022 18:51

Tgt Ion:264 Resp: 94904  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.6 28.0  
 265 20.4 17.4 26.2

