

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041823\  
 Data File : BF132901.D  
 Acq On : 18 Apr 2023 15:23  
 Operator : CG\JU  
 Sample : 02362-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-STONE-2-0414

Quant Time: Apr 18 15:48:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 04:51:21 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.763  | 152  | 241051   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.045  | 136  | 961550   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.798  | 164  | 504338   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.280 | 188  | 954789   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.916 | 240  | 795972   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.345 | 264  | 749004   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 2189644  | 142.040 | ng    | 0.00     |
| 7) Phenol-d6                | 6.393  | 99   | 2796721  | 142.174 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 1698439  | 92.071  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.592 | 330  | 821846   | 162.467 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.128  | 172  | 2882698  | 87.807  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.874 | 244  | 3957848  | 84.832  | ng    | 0.00     |

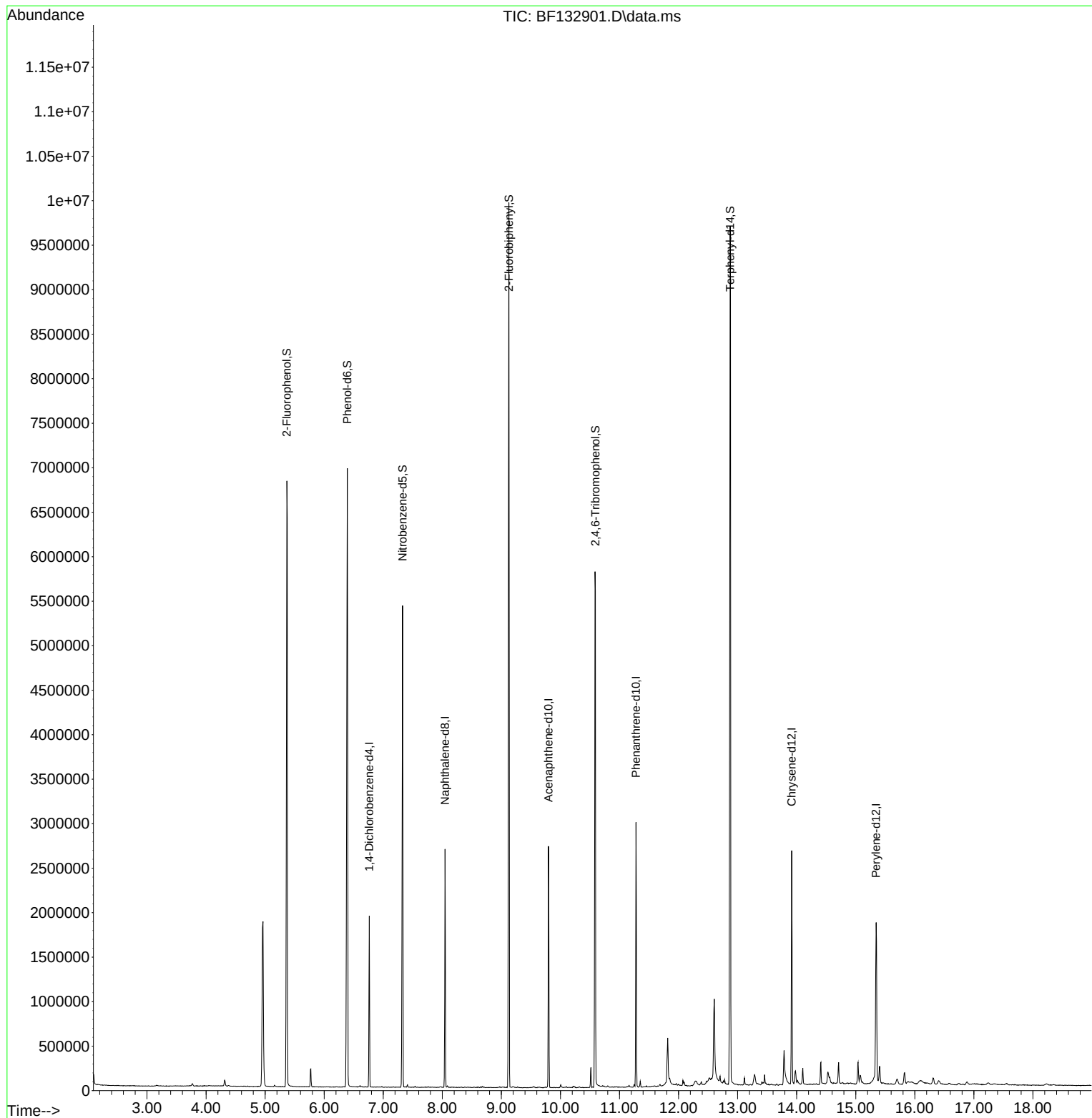
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

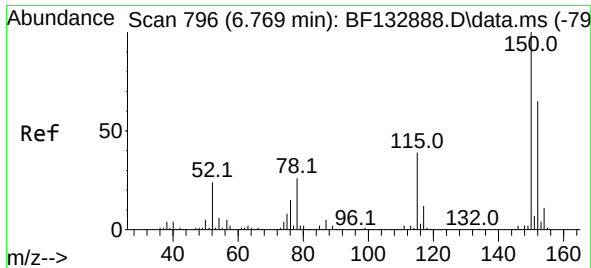
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041823\  
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QLast Update : Tue Apr 18 04:51:21 2023  
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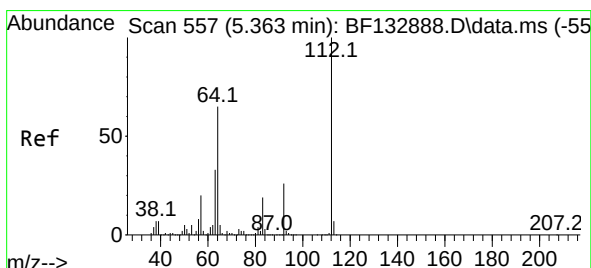
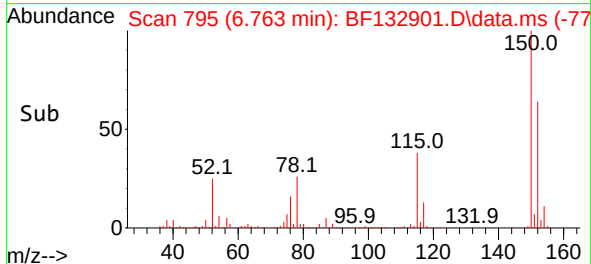
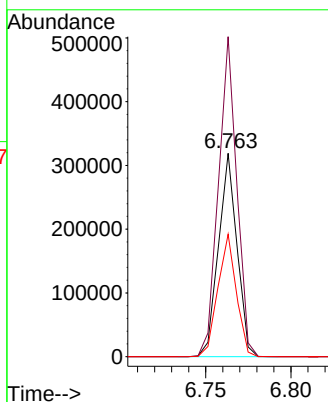
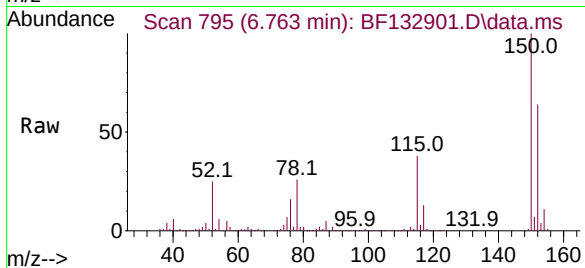




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.763 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

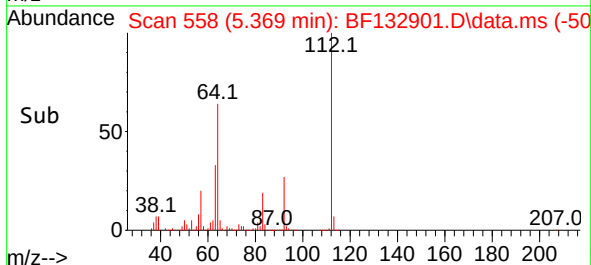
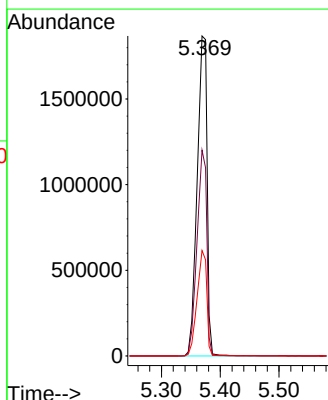
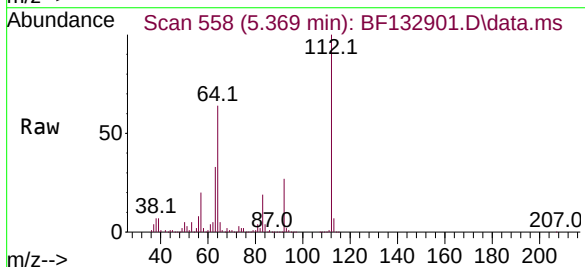
Instrument :  
BNA\_F  
ClientSampleId :  
HW-STONE-2-0414

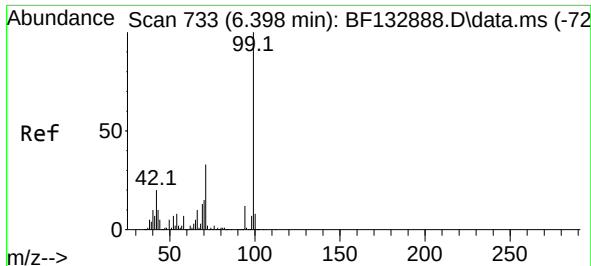
Tgt Ion:152 Resp: 241051  
Ion Ratio Lower Upper  
152 100  
150 157.3 122.8 184.2  
115 60.2 47.3 70.9



#5  
2-Fluorophenol  
Concen: 142.040 ng  
RT: 5.369 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

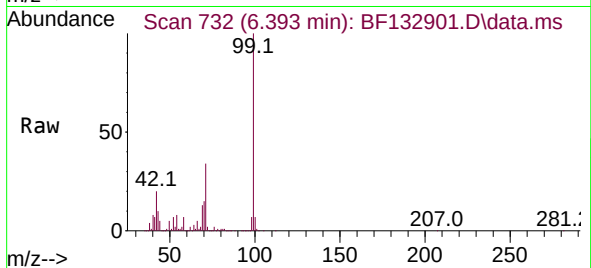
Tgt Ion:112 Resp: 2189644  
Ion Ratio Lower Upper  
112 100  
64 64.3 51.8 77.8  
63 33.0 26.3 39.5





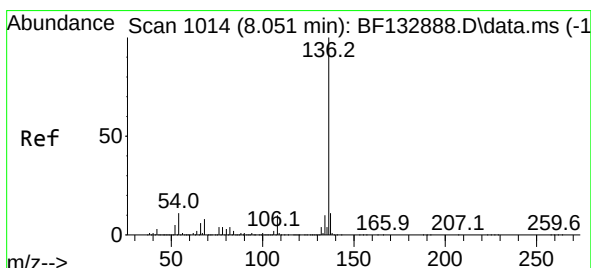
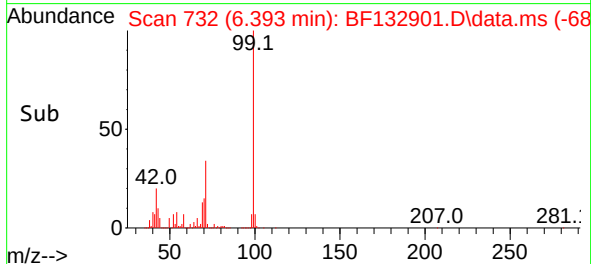
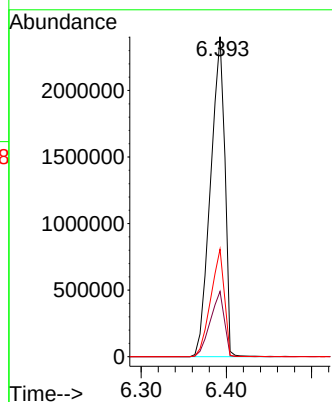
#7  
Phenol-d6  
Concen: 142.174 ng  
RT: 6.393 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2796721

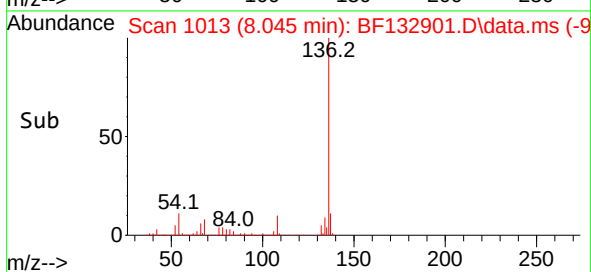
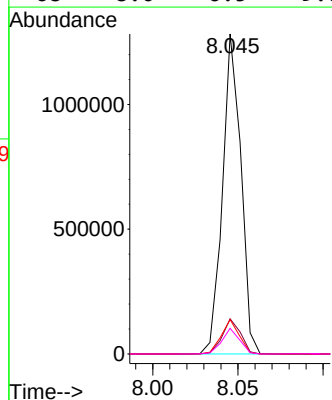
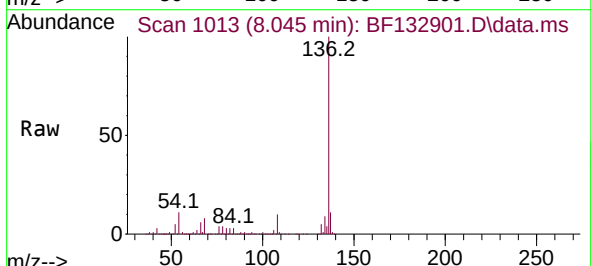
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 16.1  | 24.1  |
| 71  | 33.6  | 26.1  | 39.1  |

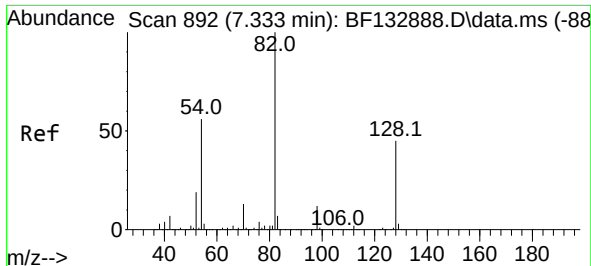


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

Tgt Ion: 136 Resp: 961550

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 10.8  | 8.9   | 13.3  |
| 68  | 8.0   | 6.5   | 9.7   |





#23

Nitrobenzene-d5

Concen: 92.071 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Instrument :

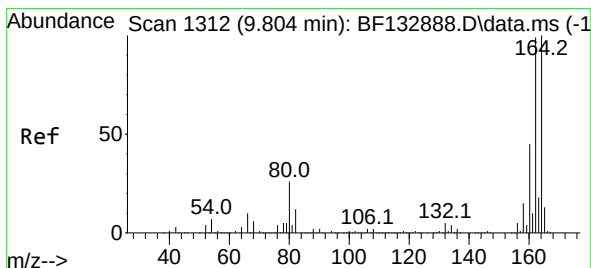
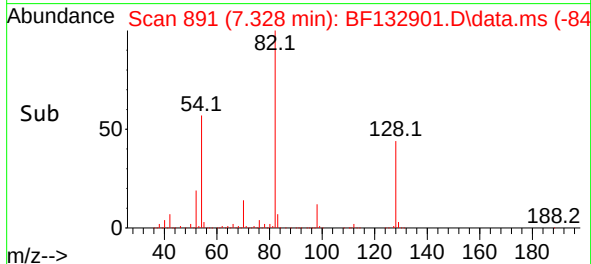
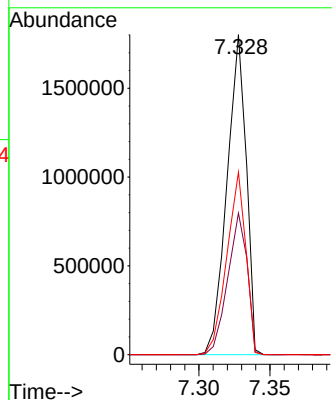
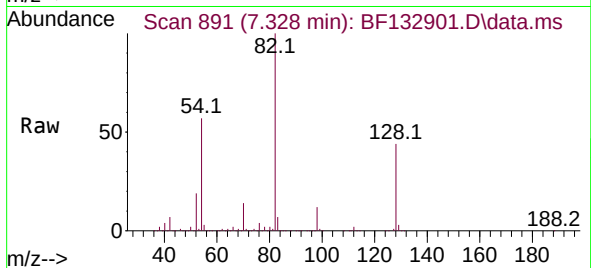
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ClientSampleId :

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Tgt Ion: 82 Resp: 1698439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.3  | 35.7  | 53.5  |
| 54  | 57.0  | 44.7  | 67.1  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

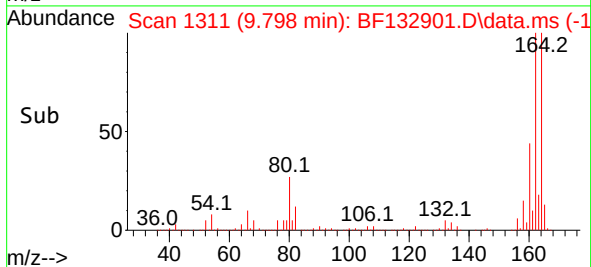
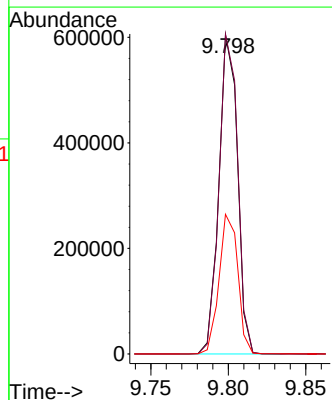
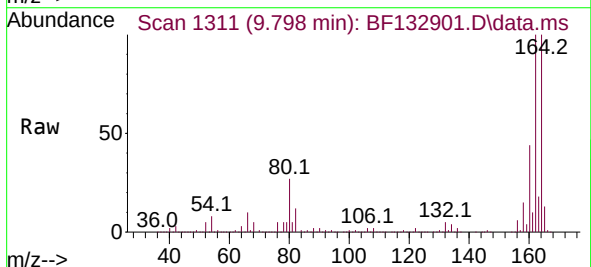
Delta R.T. -0.006 min

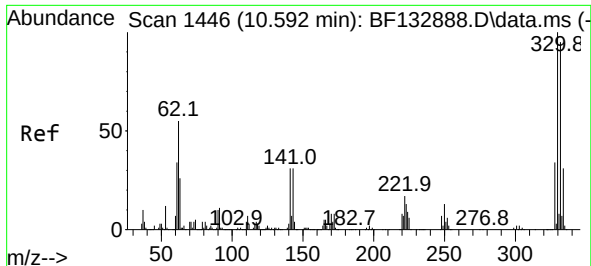
Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Tgt Ion: 164 Resp: 504338

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 79.1  | 118.7 |
| 160 | 43.7  | 35.6  | 53.4  |

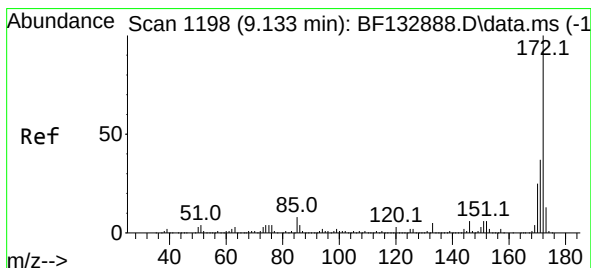
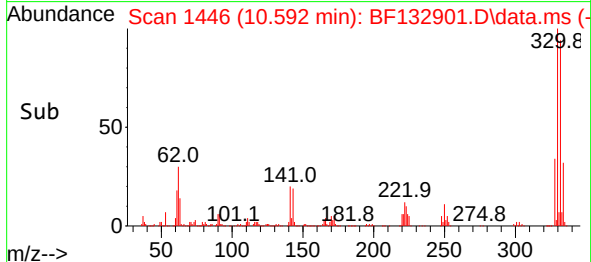
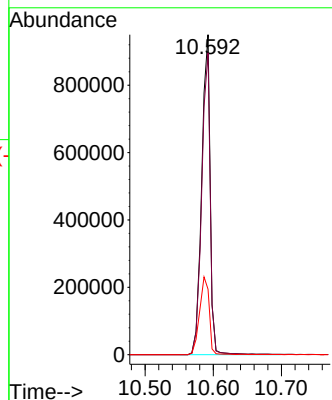
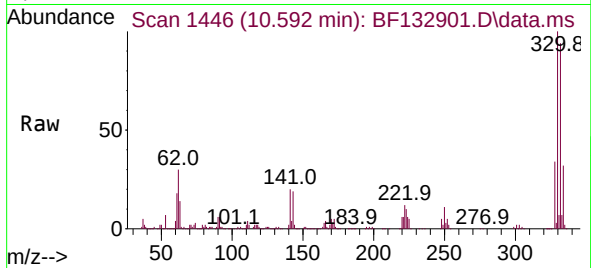




#42  
2,4,6-Tribromophenol  
Concen: 162.467 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

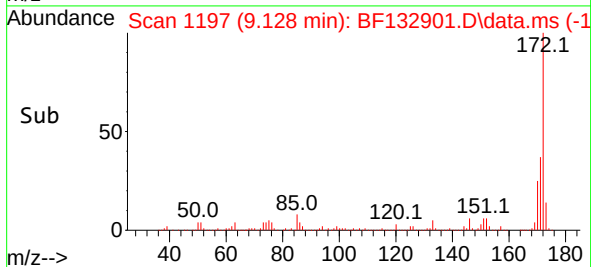
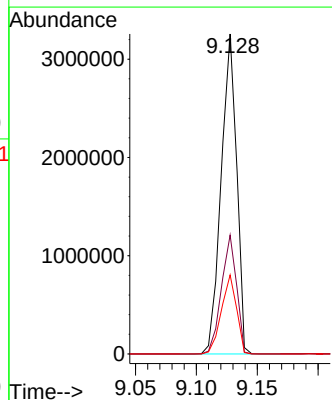
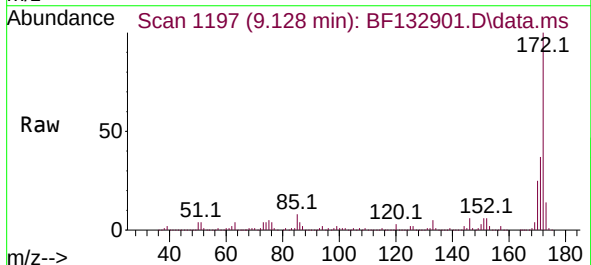
Instrument :  
BNA\_F  
ClientSampleId :  
HW-STONE-2-0414

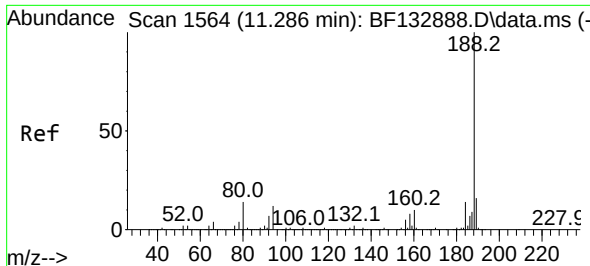
Tgt Ion:330 Resp: 821846  
Ion Ratio Lower Upper  
330 100  
332 94.6 76.3 114.5  
141 27.4 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 87.807 ng  
RT: 9.128 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

Tgt Ion:172 Resp: 2882698  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.4 44.0  
170 24.7 20.1 30.1

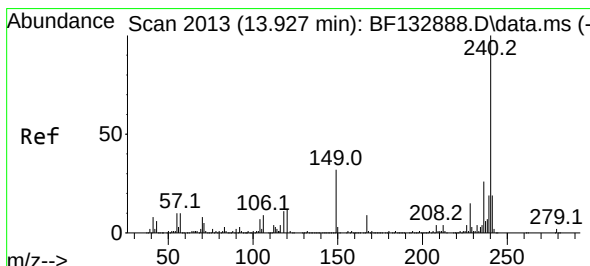
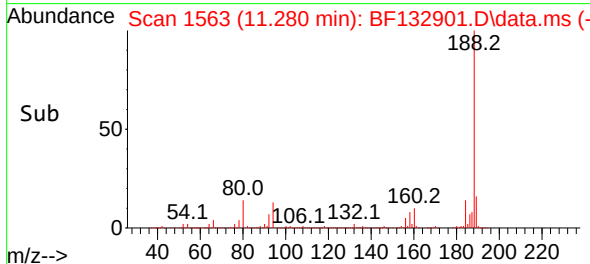
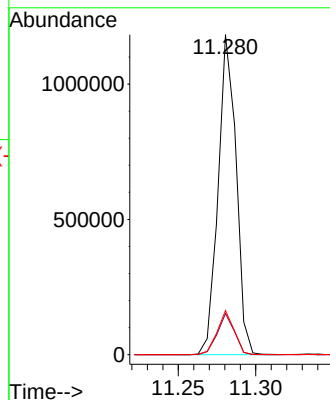
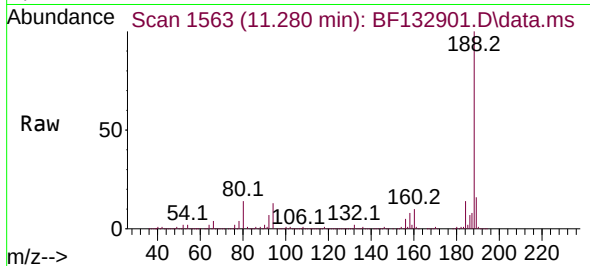




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.280 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

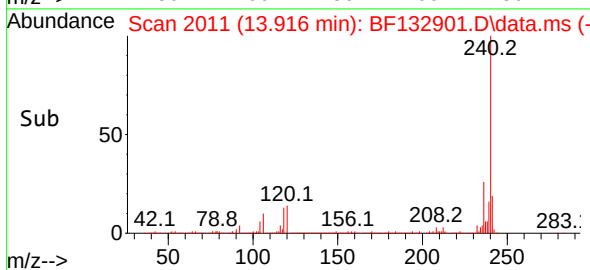
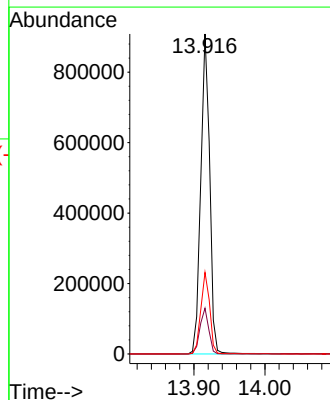
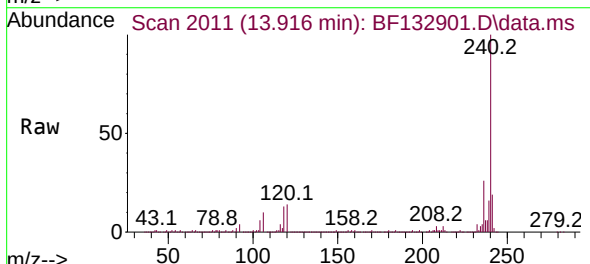
Instrument :  
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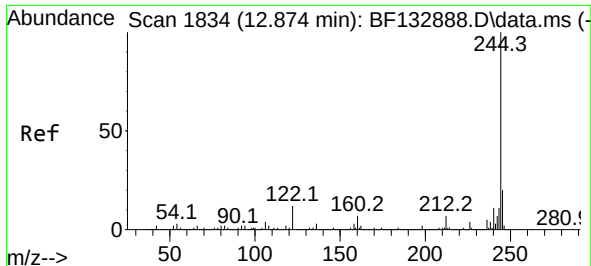
Tgt Ion:188 Resp: 954789  
Ion Ratio Lower Upper  
188 100  
94 12.8 9.9 14.9  
80 13.8 10.8 16.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.916 min Scan# 2011  
Delta R.T. -0.012 min  
Lab File: BF132901.D  
Acq: 18 Apr 2023 15:23

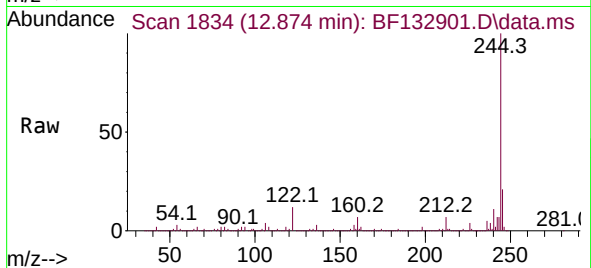
Tgt Ion:240 Resp: 795972  
Ion Ratio Lower Upper  
240 100  
120 14.3 10.0 15.0  
236 25.5 20.8 31.2



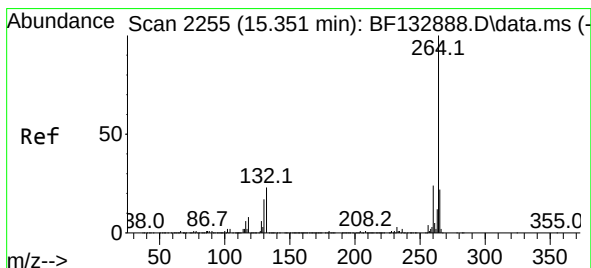
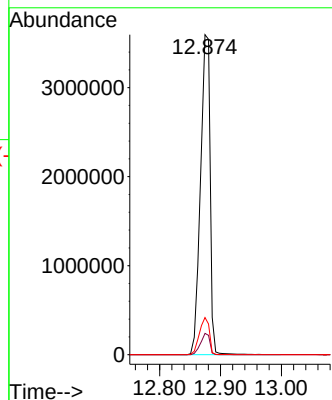
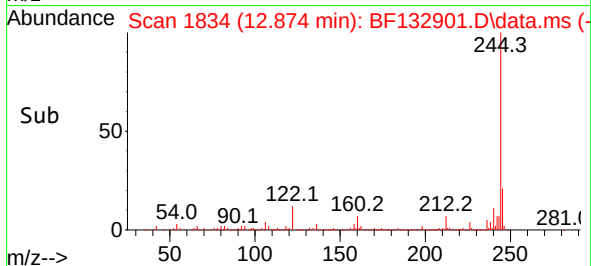


#79  
 Terphenyl-d14  
 Concen: 84.832 ng  
 RT: 12.874 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF132901.D  
 Acq: 18 Apr 2023 15:23

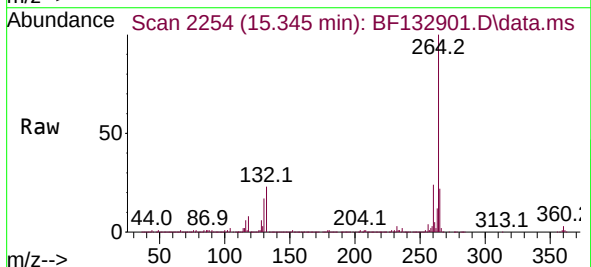
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HW-STONE-2-0414



Tgt Ion:244 Resp: 3957848  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 11.6 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.345 min Scan# 2254  
 Delta R.T. -0.006 min  
 Lab File: BF132901.D  
 Acq: 18 Apr 2023 15:23



Tgt Ion:264 Resp: 749004  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.6  
 265 21.9 17.7 26.5

