

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
 Data File : BF138404.D  
 Acq On : 01 Jul 2024 15:35  
 Operator : CG\JU  
 Sample : P3092-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW3-20240626

Quant Time: Jul 01 15:56:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 29 02:44:30 2024  
 Response via : Initial Calibration

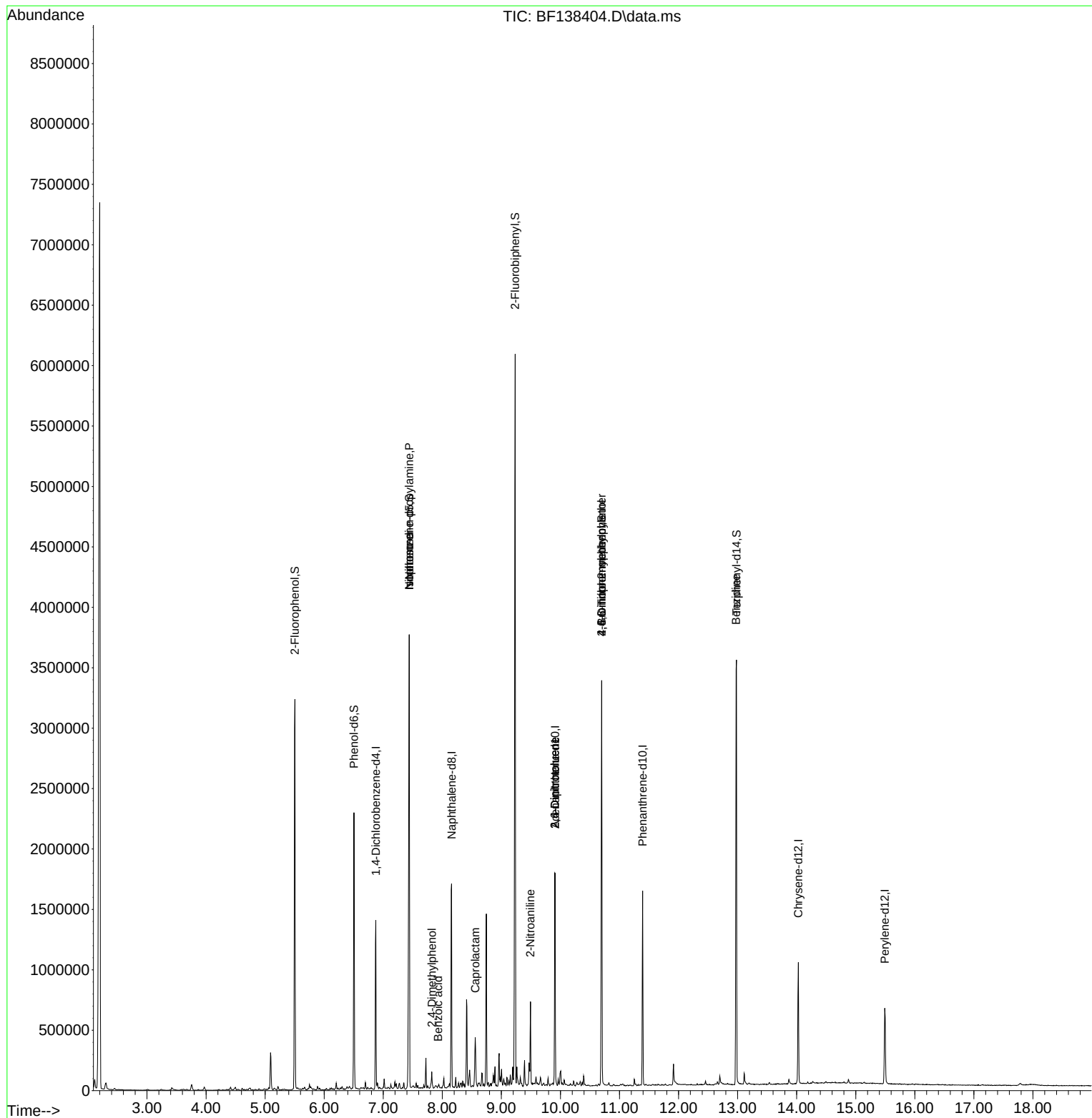
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 183092   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 724340   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 368738   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 515039   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 306624   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.492 | 264  | 279533   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 799529   | 72.400  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 658830   | 44.287  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 1258217  | 90.236  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 361668   | 120.050 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 1918867  | 82.817  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 1311606  | 58.621  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 169606   | 18.085  | ng    | # 75     |
| 25) Isophorone                | 7.439  | 82   | 1250232  | 48.627  | ng    | # 67     |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 19527    | 2.494   | ng    | # 87     |
| 32) Benzoic acid              | 7.928  | 122  | 3255     | 4.515   | ng    | # 37     |
| 35) Caprolactam               | 8.557  | 113  | 45077    | 14.196  | ng    | # 96     |
| 48) 2-Nitroaniline            | 9.492  | 65   | 13674    | 2.019   | ng    | # 22     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 49144    | 9.259   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 49144    | 7.520   | ng    | # 20     |
| 65) 4,6-Dinitro-2-methylph... | 10.698 | 198  | 848      | 6.070   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 23748    | 4.290   | ng    | # 1      |
| 77) Benzidine                 | 12.974 | 184  | 17334    | 7.070   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

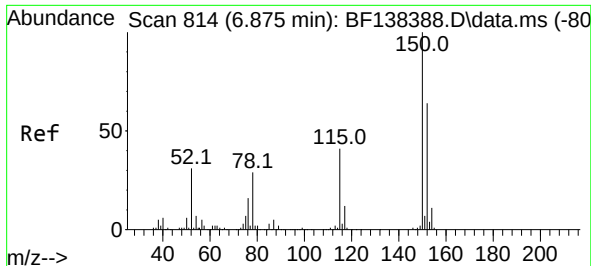
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138404.D  
Acq On : 01 Jul 2024 15:35  
Operator : CG\JU  
Sample : P3092-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

Quant Time: Jul 01 15:56:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 29 02:44:30 2024  
Response via : Initial Calibration

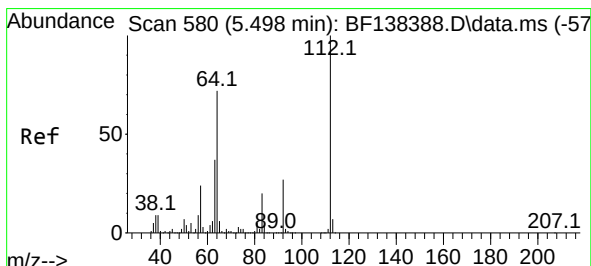
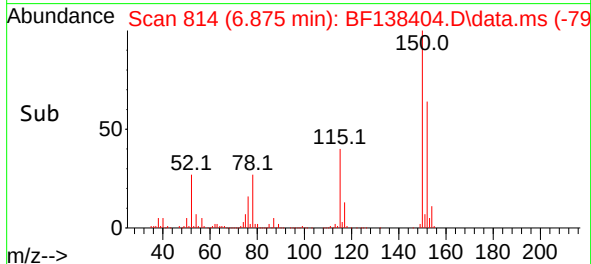
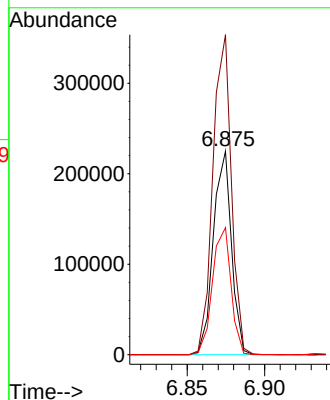
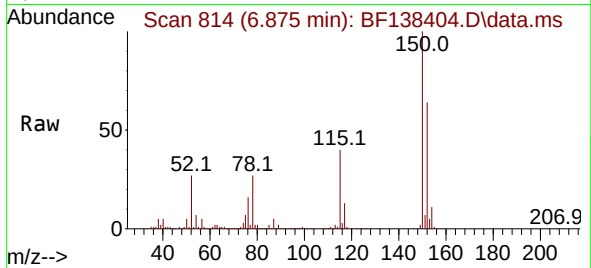




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

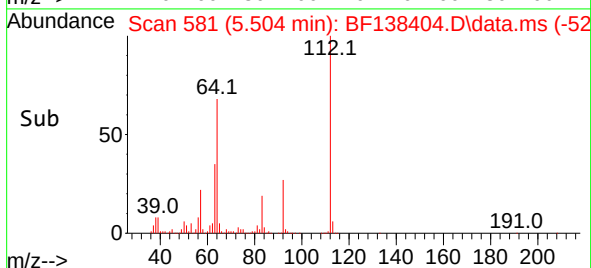
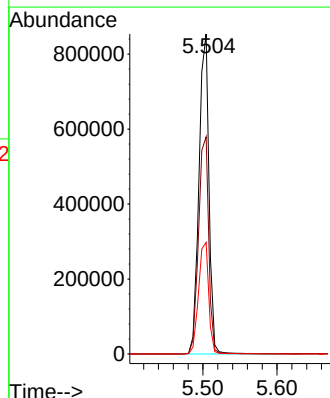
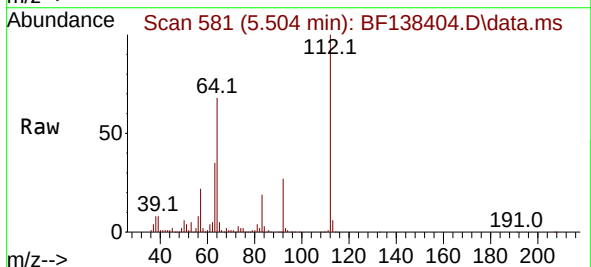
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

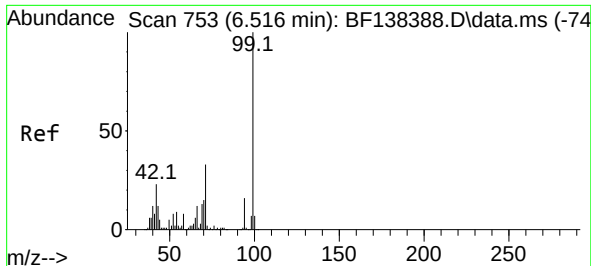
Tgt Ion:152 Resp: 183092  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.9 187.3  
115 62.4 50.8 76.2



#5  
2-Fluorophenol  
Concen: 72.400 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.006 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion:112 Resp: 799529  
Ion Ratio Lower Upper  
112 100  
64 67.8 57.2 85.8  
63 34.8 29.4 44.0

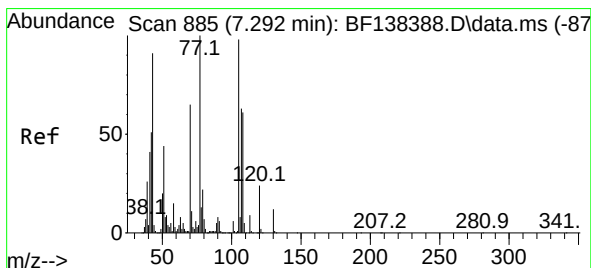
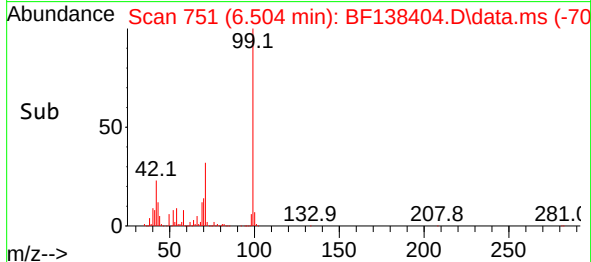
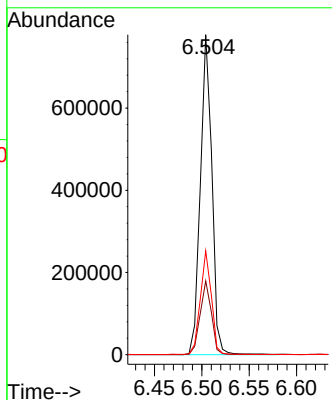
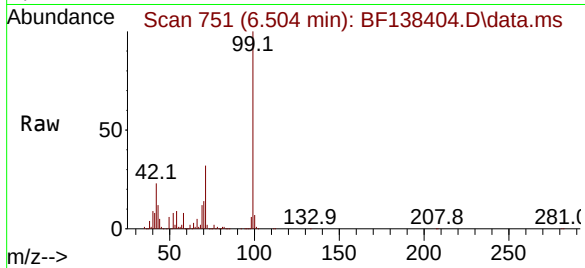




#7  
Phenol-d6  
Concen: 44.287 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

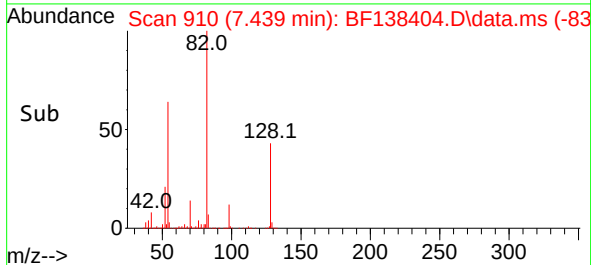
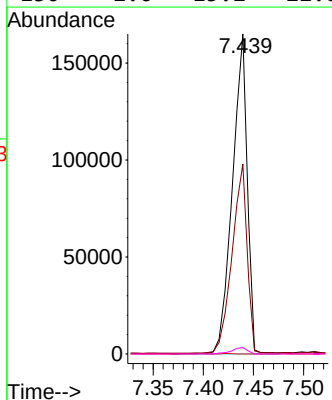
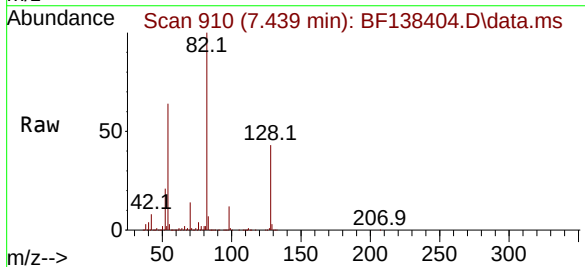
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

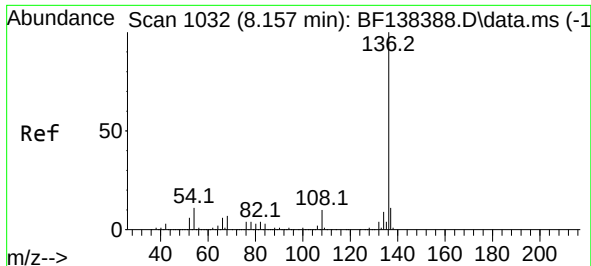
Tgt Ion: 99 Resp: 658830  
Ion Ratio Lower Upper  
99 100  
42 23.1 18.5 27.7  
71 32.5 26.1 39.1



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.085 ng  
RT: 7.439 min Scan# 910  
Delta R.T. 0.147 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion: 70 Resp: 169606  
Ion Ratio Lower Upper  
70 100  
42 59.4 62.5 93.7#  
101 0.0 7.0 10.4#  
130 2.0 15.2 22.8#

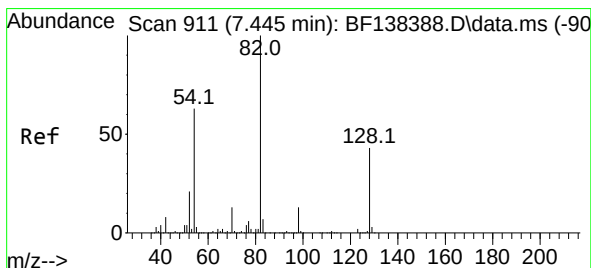
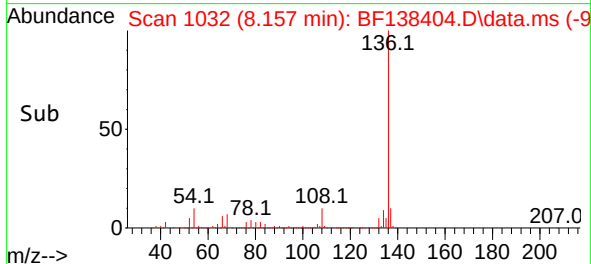
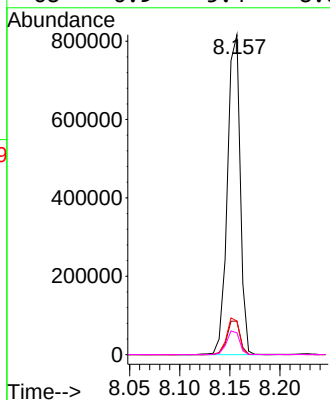
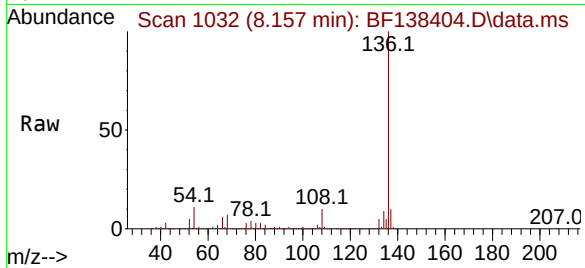




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

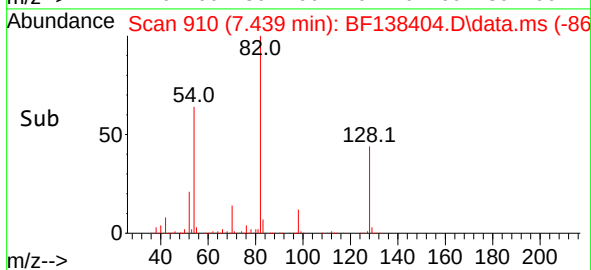
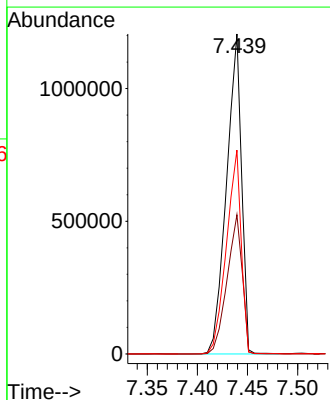
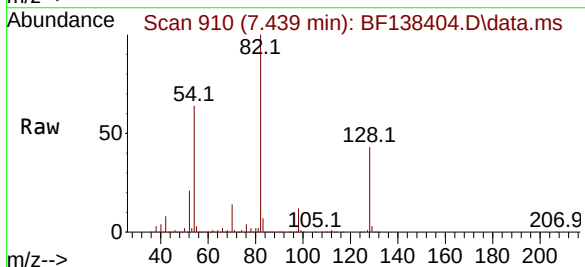
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

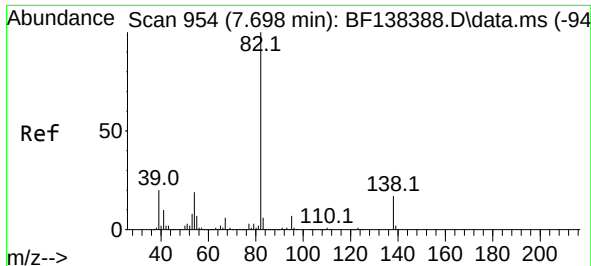
Tgt Ion:136 Resp: 724340  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 10.5 9.0 13.4  
68 6.9 5.4 8.0



#23  
Nitrobenzene-d5  
Concen: 90.236 ng  
RT: 7.439 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion: 82 Resp: 1258217  
Ion Ratio Lower Upper  
82 100  
128 43.5 34.6 52.0  
54 63.7 50.5 75.7

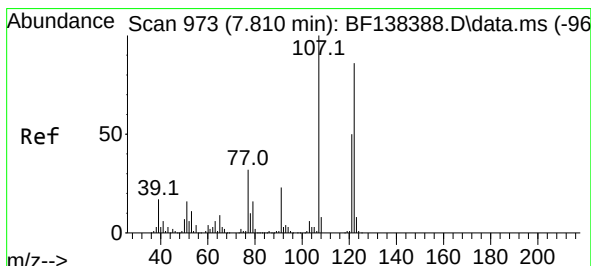
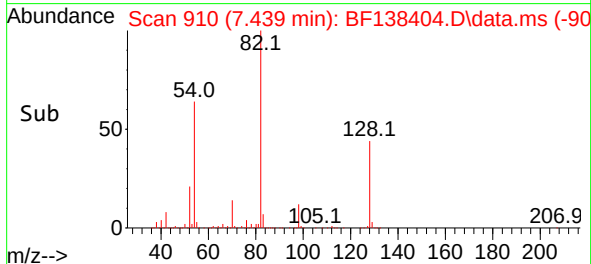
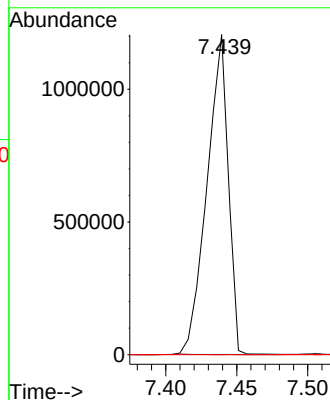
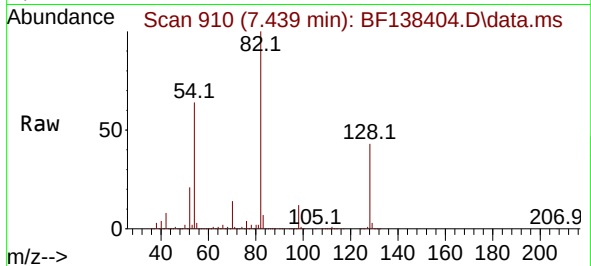




#25  
Isophorone  
Concen: 48.627 ng  
RT: 7.439 min Scan# 91  
Delta R.T. -0.259 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

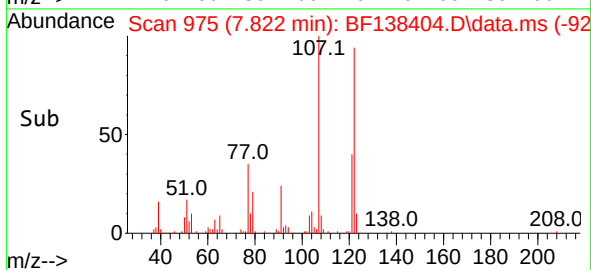
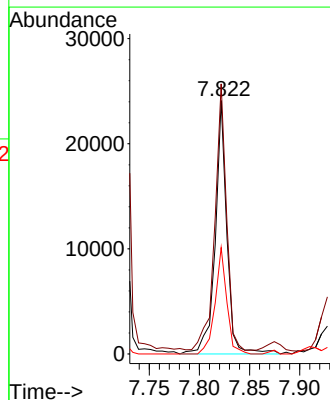
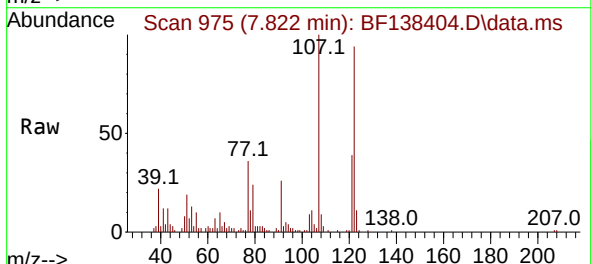
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

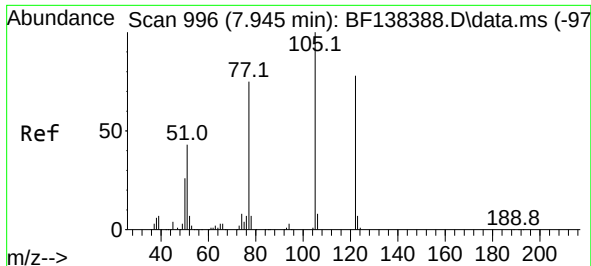
Tgt Ion: 82 Resp: 1250232  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 13.4 20.2#



#27  
2,4-Dimethylphenol  
Concen: 2.494 ng  
RT: 7.822 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion:122 Resp: 19527  
Ion Ratio Lower Upper  
122 100  
107 106.6 92.5 138.7  
121 42.0 46.5 69.7#

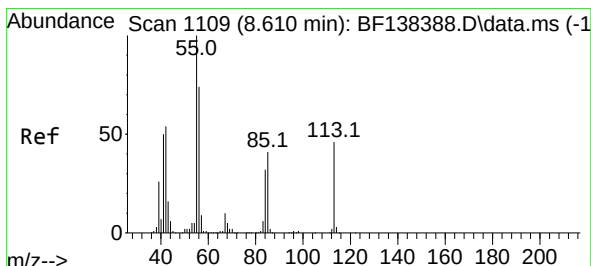
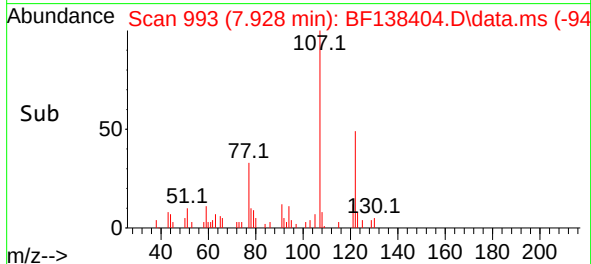
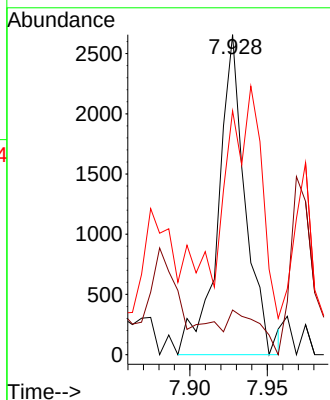
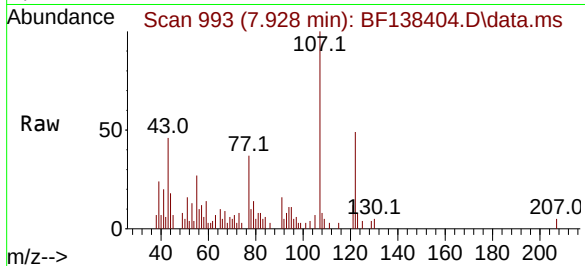




#32  
Benzoic acid  
Concen: 4.515 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.017 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

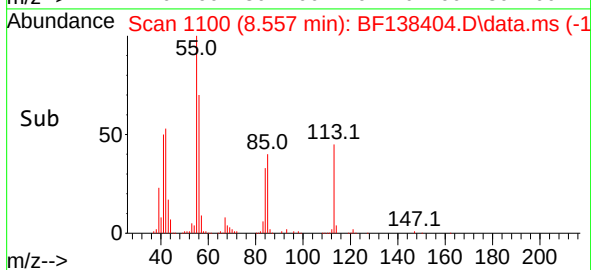
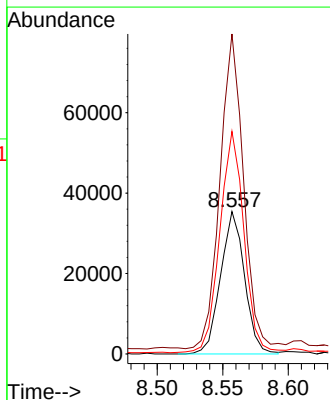
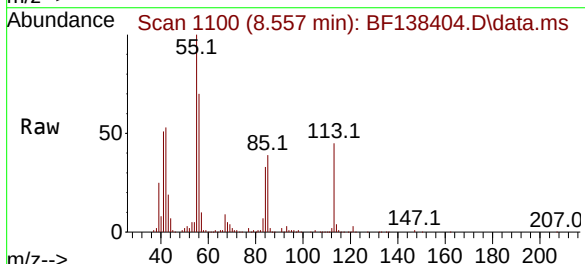
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

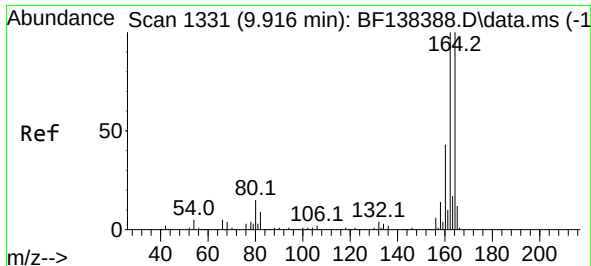
Tgt Ion:122 Resp: 3255  
Ion Ratio Lower Upper  
122 100  
105 14.0 103.8 143.8#  
77 76.2 74.3 114.3



#35  
Caprolactam  
Concen: 14.196 ng  
RT: 8.557 min Scan# 1100  
Delta R.T. -0.053 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion:113 Resp: 45077  
Ion Ratio Lower Upper  
113 100  
55 224.7 195.9 235.9  
56 156.3 138.7 178.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138404.D

Acq: 01 Jul 2024 15:35

Instrument :

BNA\_F

ClientSampleId :

MW3-20240626

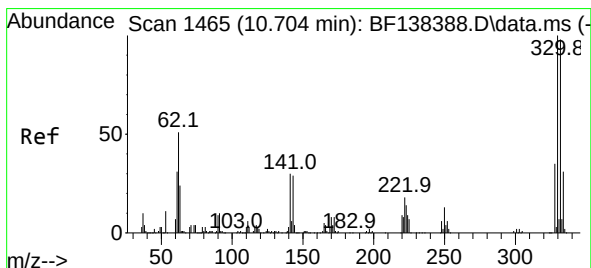
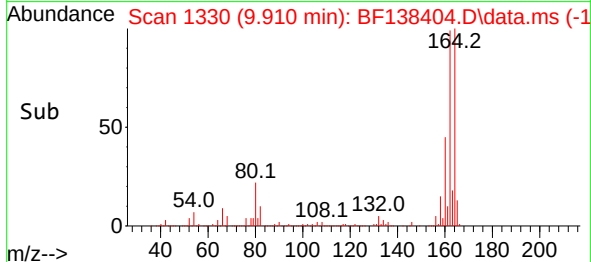
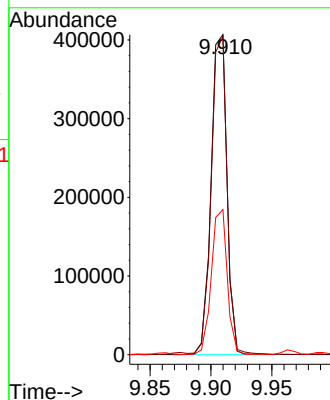
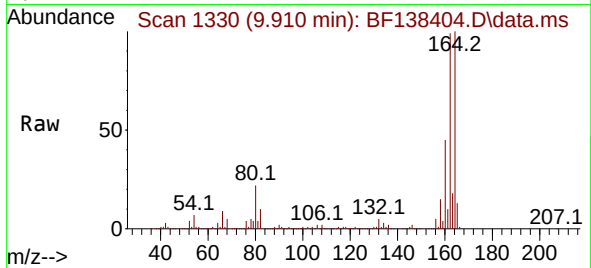
Tgt Ion:164 Resp: 368738

Ion Ratio Lower Upper

164 100

162 99.4 80.1 120.1

160 45.4 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 120.050 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138404.D

Acq: 01 Jul 2024 15:35

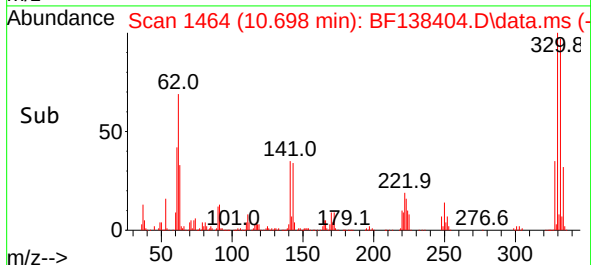
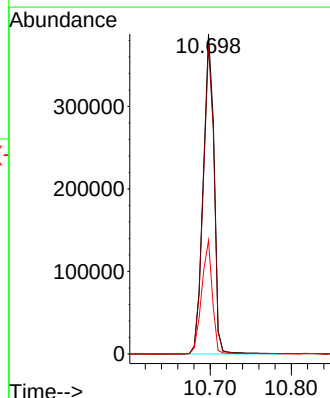
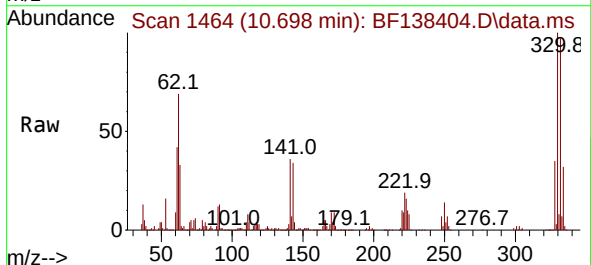
Tgt Ion:330 Resp: 361668

Ion Ratio Lower Upper

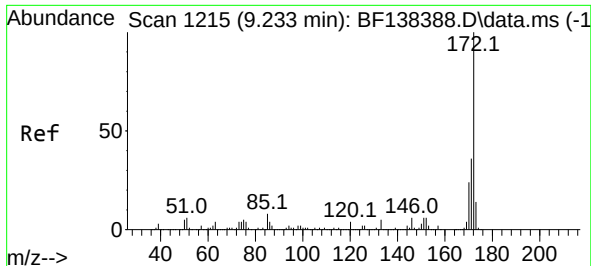
330 100

332 96.4 77.0 115.6

141 34.5 28.1 42.1



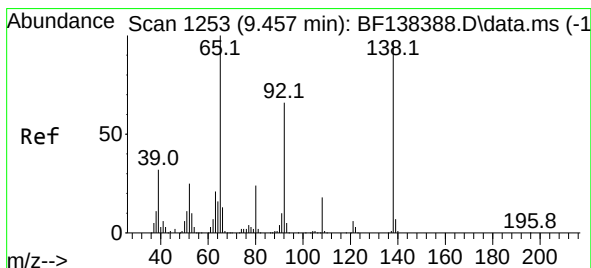
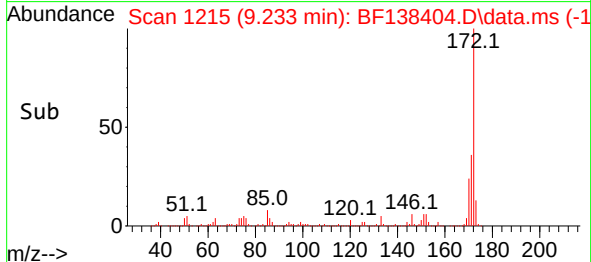
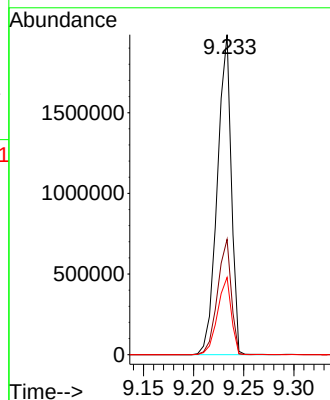
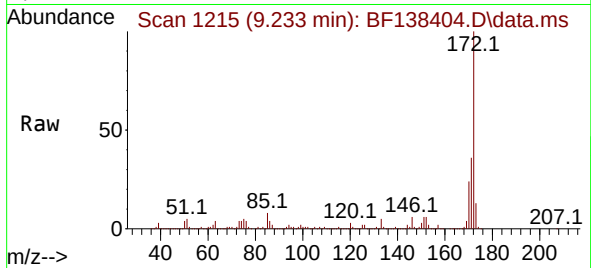




#45  
2-Fluorobiphenyl  
Concen: 82.817 ng  
RT: 9.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

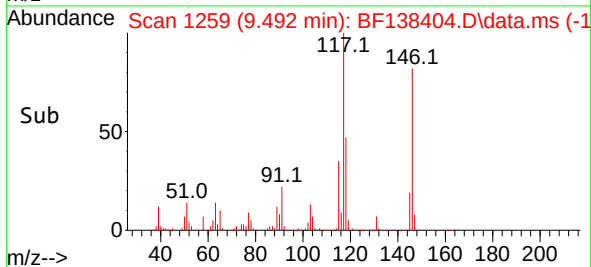
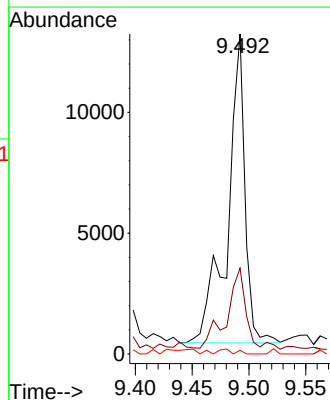
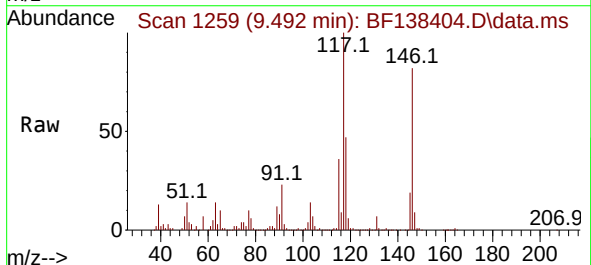
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

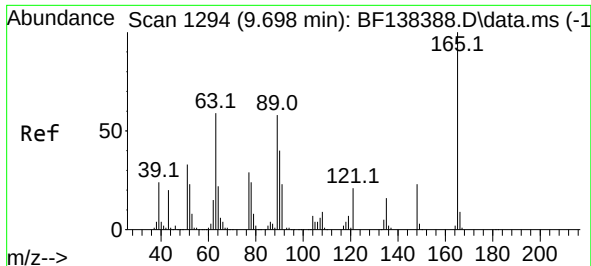
Tgt Ion:172 Resp: 1918867  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.4  
170 24.1 19.0 28.6



#48  
2-Nitroaniline  
Concen: 2.019 ng  
RT: 9.492 min Scan# 1259  
Delta R.T. 0.035 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion: 65 Resp: 13674  
Ion Ratio Lower Upper  
65 100  
92 26.8 52.6 79.0#  
138 1.2 77.4 116.0#

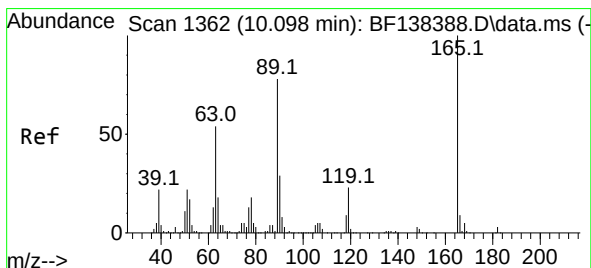
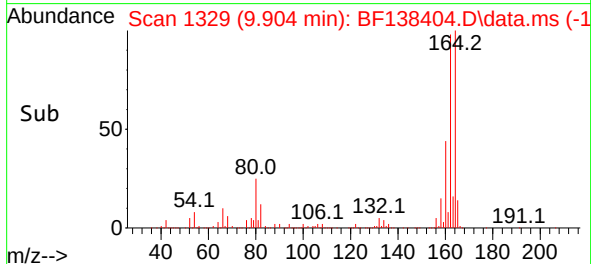
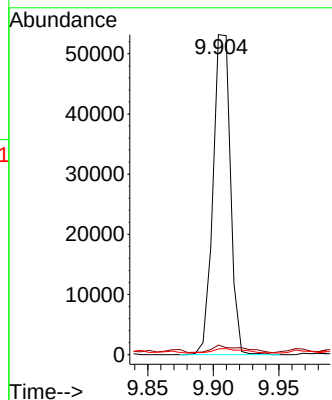
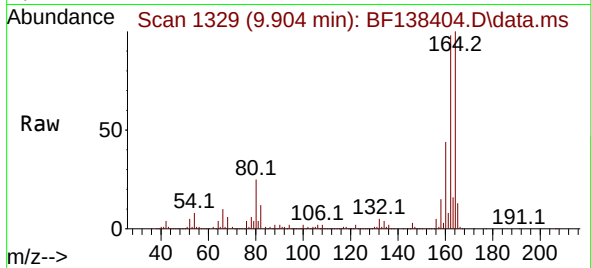




#51  
2,6-Dinitrotoluene  
Concen: 9.259 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.206 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

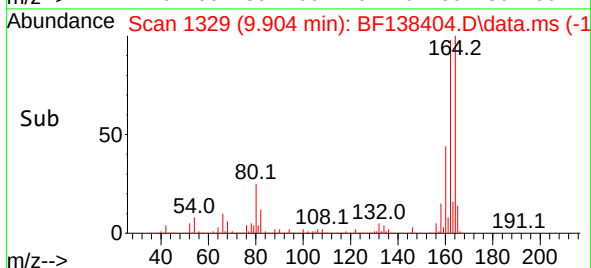
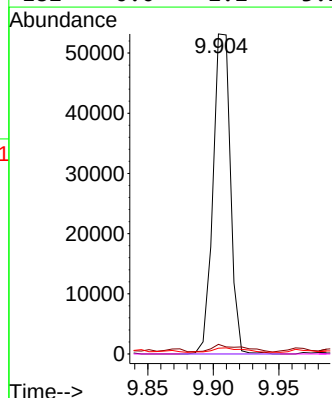
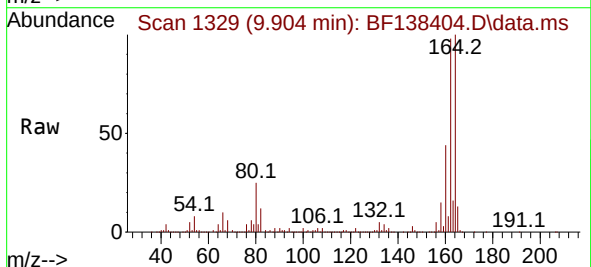
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

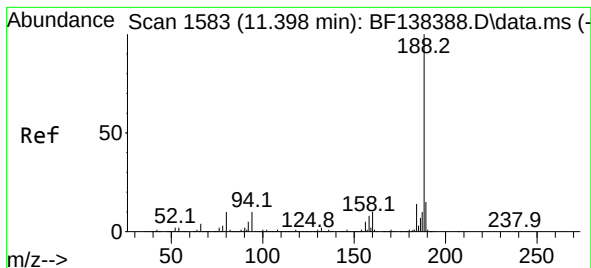
Tgt Ion:165 Resp: 49144  
Ion Ratio Lower Upper  
165 100  
63 3.0 53.8 80.8#  
89 1.8 46.4 69.6#



#57  
2,4-Dinitrotoluene  
Concen: 7.520 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.194 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Tgt Ion:165 Resp: 49144  
Ion Ratio Lower Upper  
165 100  
63 3.0 43.4 65.2#  
89 1.8 62.6 93.8#  
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138404.D

Acq: 01 Jul 2024 15:35

Instrument :

BNA\_F

ClientSampleId :

MW3-20240626

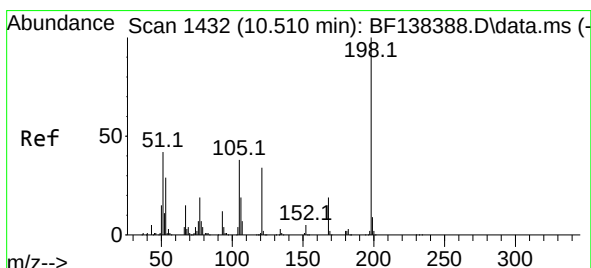
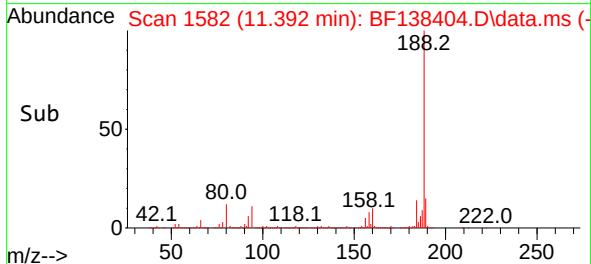
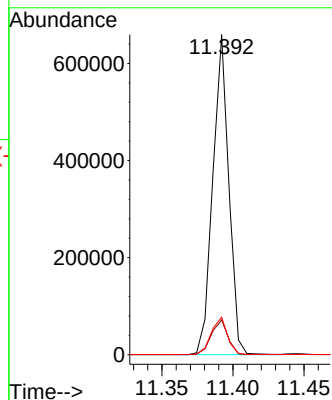
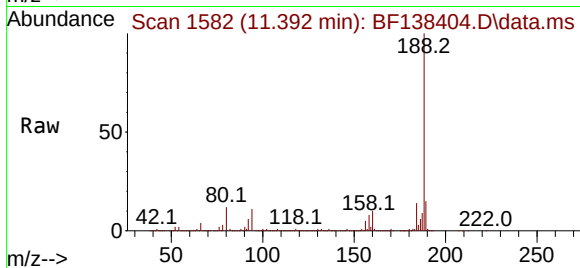
Tgt Ion:188 Resp: 515039

Ion Ratio Lower Upper

188 100

94 10.8 8.0 12.0

80 11.7 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.070 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.188 min

Lab File: BF138404.D

Acq: 01 Jul 2024 15:35

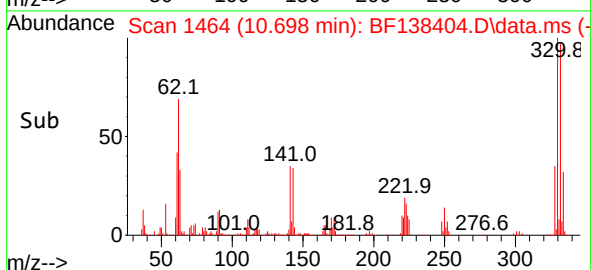
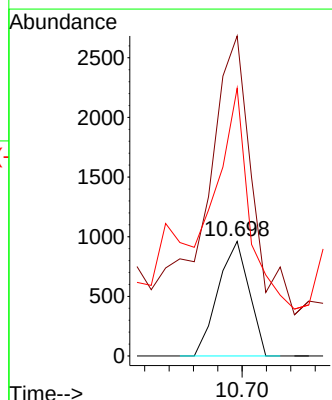
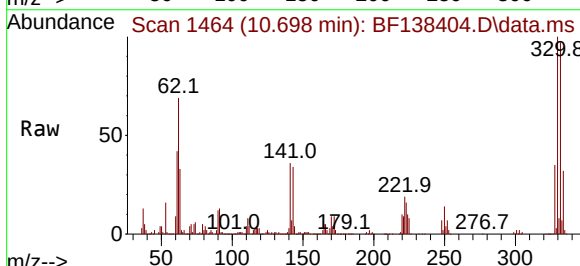
Tgt Ion:198 Resp: 848

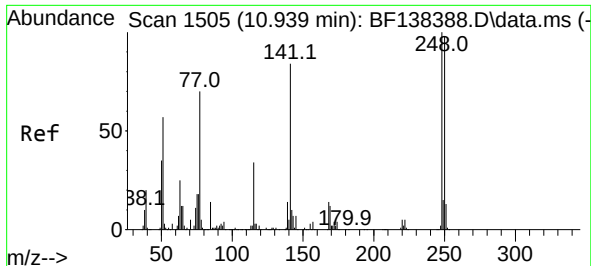
Ion Ratio Lower Upper

198 100

51 279.2 27.9 67.9#

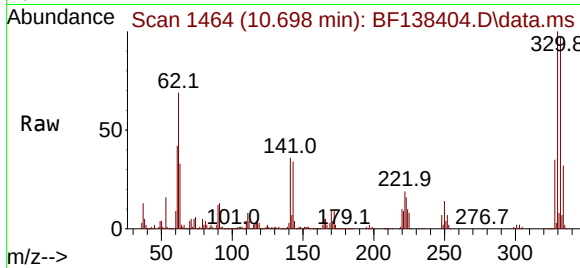
105 233.5 18.2 58.2#



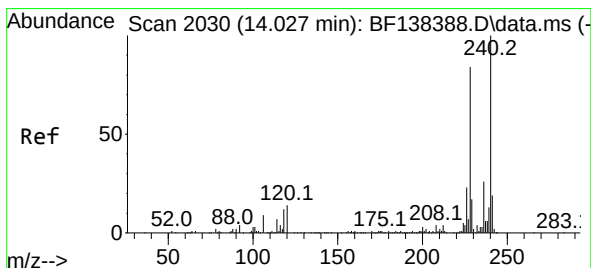
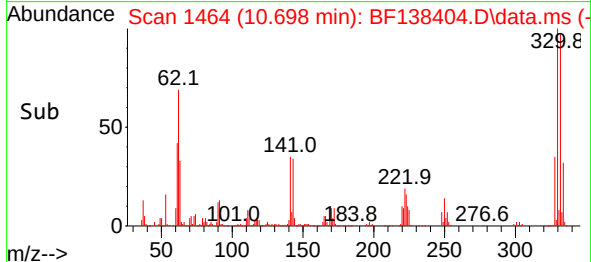
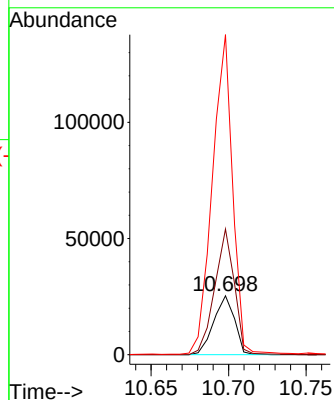


#67  
4-Bromophenyl-phenylether  
Concen: 4.290 ng  
RT: 10.698 min Scan# 14  
Delta R.T. -0.241 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

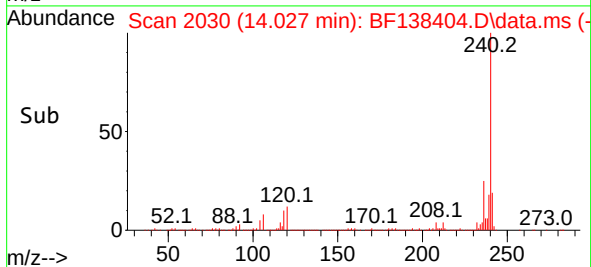
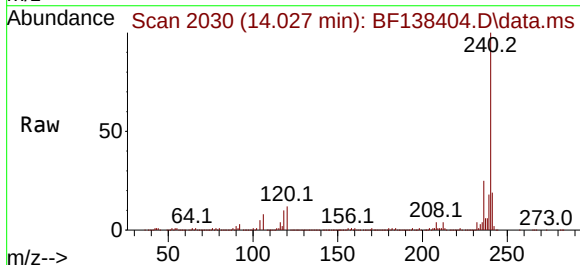
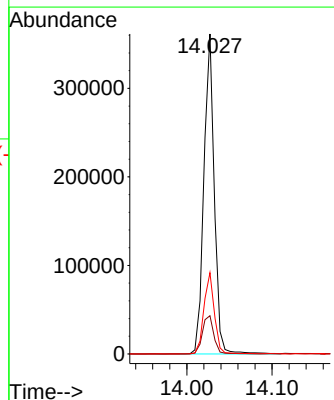


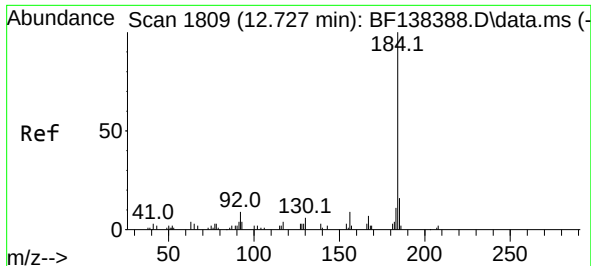
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 213.6 | 78.2  | 117.4# |
| 141     | 543.9 | 67.6  | 101.4# |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.000 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.0  | 10.9  | 16.3  |
| 236     | 25.4  | 20.6  | 30.8  |

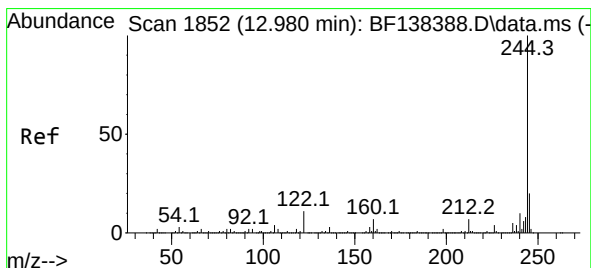
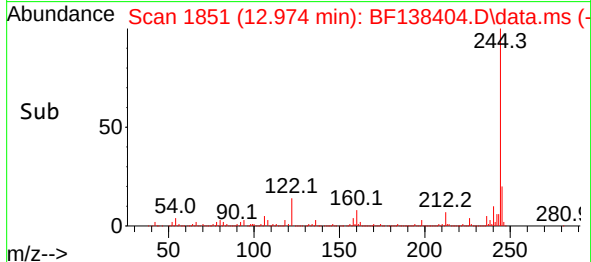
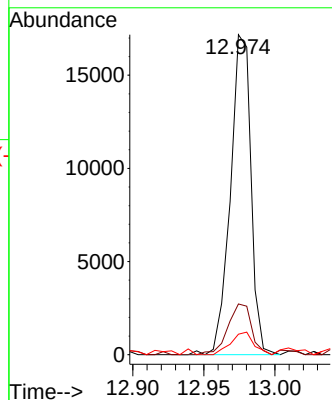
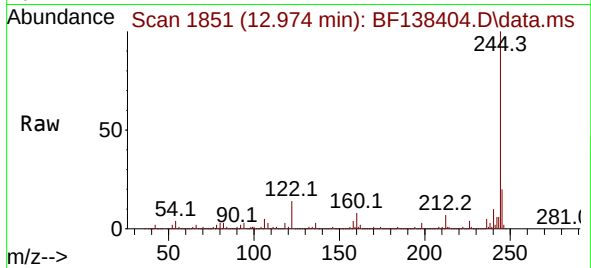




#77  
Benzidine  
Concen: 7.070 ng  
RT: 12.974 min Scan# 1851  
Delta R.T. 0.247 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

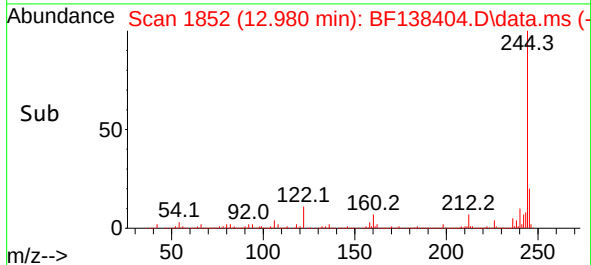
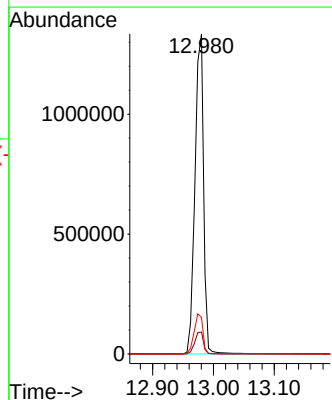
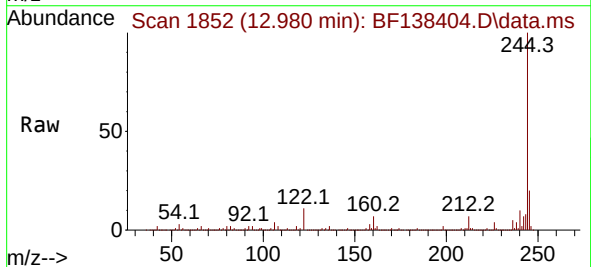
Instrument :  
BNA\_F  
ClientSampleId :  
MW3-20240626

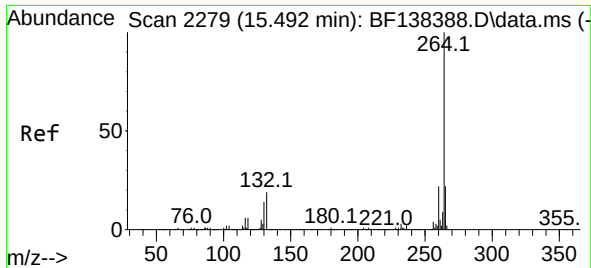
Tgt Ion:184 Resp: 17334  
Ion Ratio Lower Upper  
184 100  
185 15.8 13.0 19.4  
183 6.4 9.0 13.6#



#79  
Terphenyl-d14  
Concen: 58.621 ng  
RT: 12.980 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: BF138404.D  
Acq: 01 Jul 2024 15:35

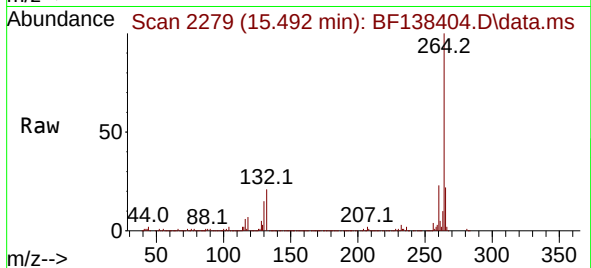
Tgt Ion:244 Resp: 1311606  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.6 8.4  
122 11.4 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.492 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF138404.D  
 Acq: 01 Jul 2024 15:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW3-20240626



Tgt Ion:264 Resp: 279533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 17.8  | 26.6  |
| 265 | 21.5  | 17.5  | 26.3  |

