

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122923\  
 Data File : BF136847.D  
 Acq On : 30 Dec 2023 01:21  
 Operator : CG\JU  
 Sample : 06015-02  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-317-0-2

Quant Time: Dec 30 03:10:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

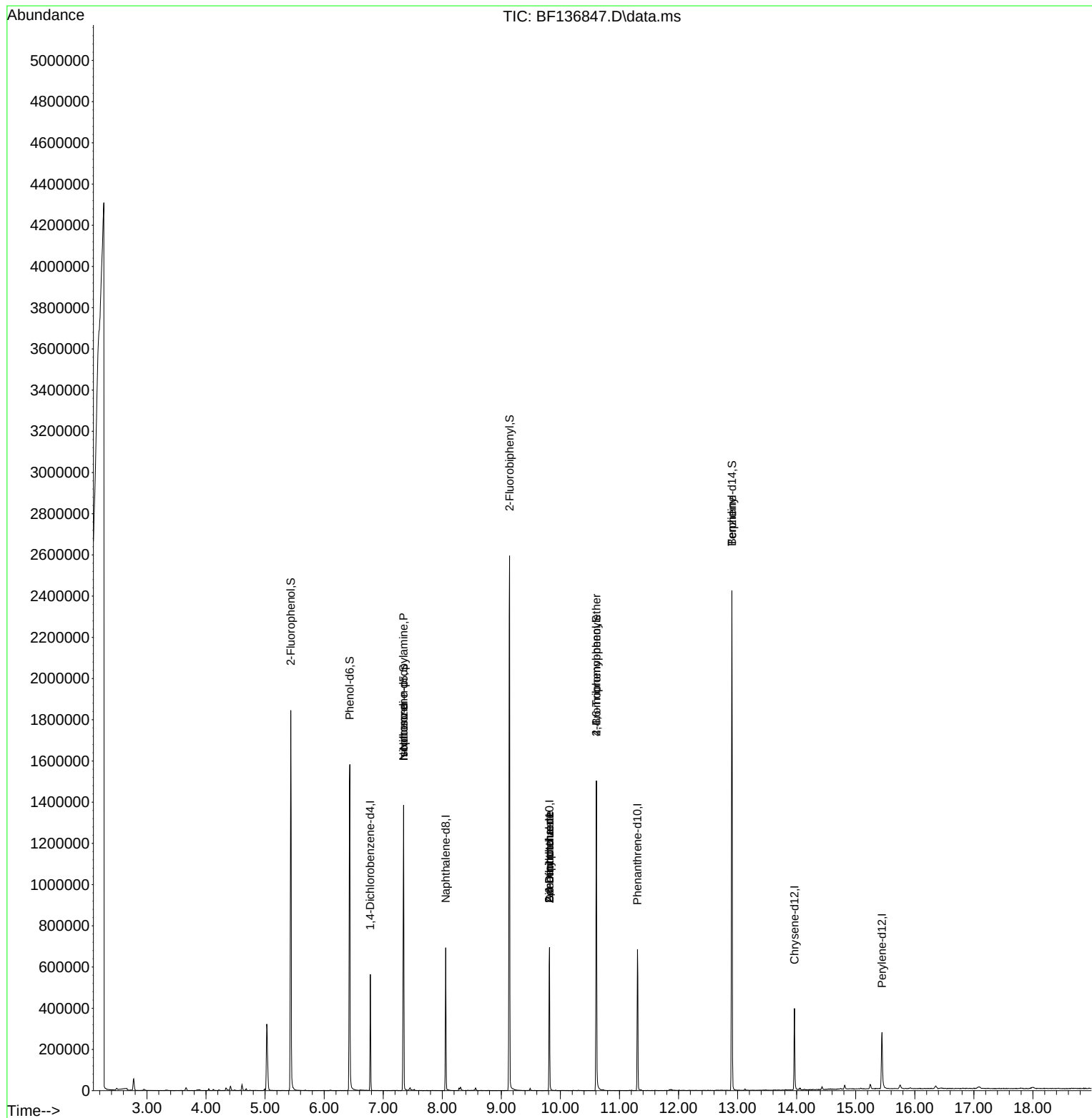
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 72689    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 280432   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 142161   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 255908   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.963 | 240  | 141656   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 146828   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 512451   | 109.999 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 591881   | 98.050  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 427219   | 77.956  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 191422   | 114.332 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 863420   | 81.688  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 876601   | 86.479  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 56471    | 15.432  | ng    | # 76     |
| 25) Isophorone                | 7.345  | 82   | 427211   | 42.841  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 28447    | 2.740   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 17991    | 7.634   | ng    | # 30     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 17991    | 5.881   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 11238    | 3.954   | ng    | # 1      |
| 77) Benzidine                 | 12.904 | 184  | 9426     | 2.257   | ng    | # 89     |
| -----                         |        |      |          |         |       |          |

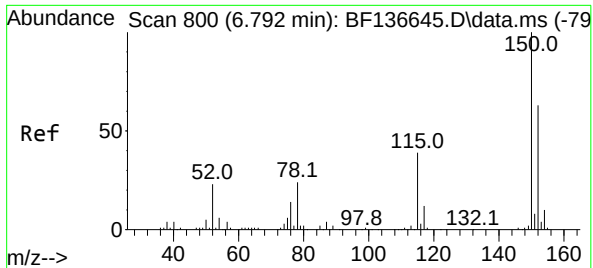
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122923\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
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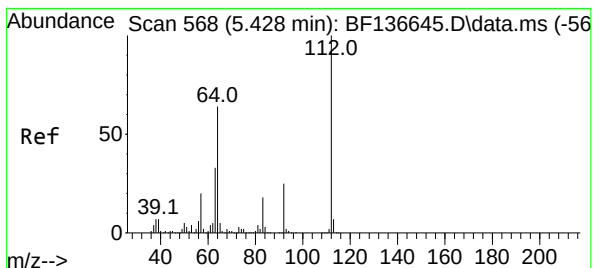
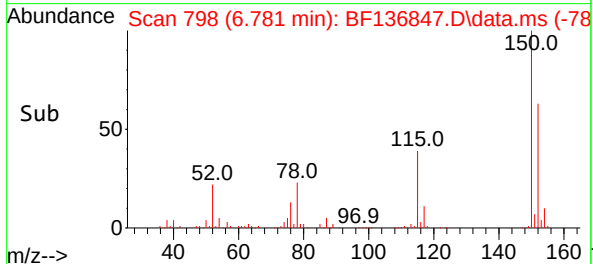
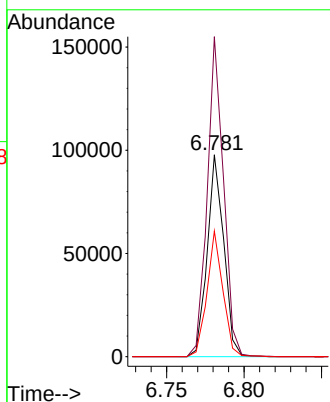
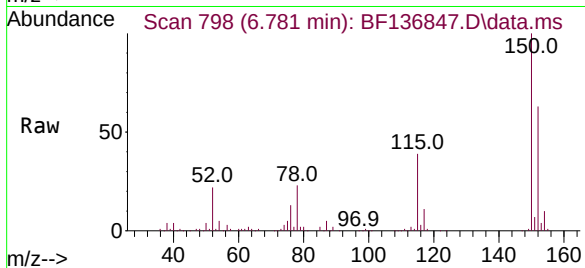




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF136847.D  
 Acq: 30 Dec 2023 01:21

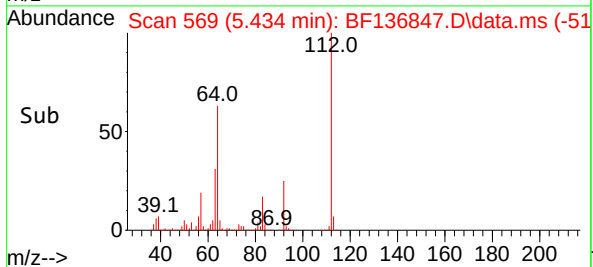
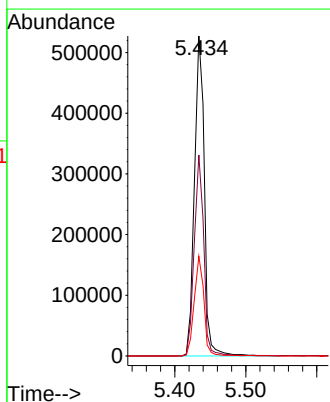
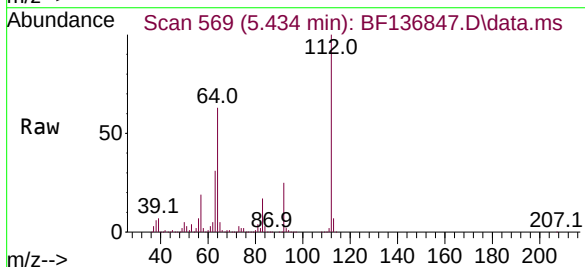
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-317-0-2

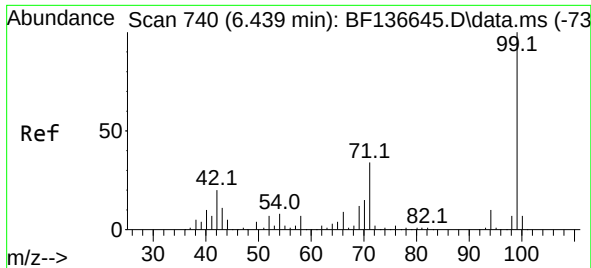
Tgt Ion:152 Resp: 72689  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 127.0 190.6  
 115 62.2 49.0 73.4



#5  
 2-Fluorophenol  
 Concen: 109.999 ng  
 RT: 5.434 min Scan# 569  
 Delta R.T. 0.006 min  
 Lab File: BF136847.D  
 Acq: 30 Dec 2023 01:21

Tgt Ion:112 Resp: 512451  
 Ion Ratio Lower Upper  
 112 100  
 64 62.8 51.1 76.7  
 63 31.2 26.1 39.1

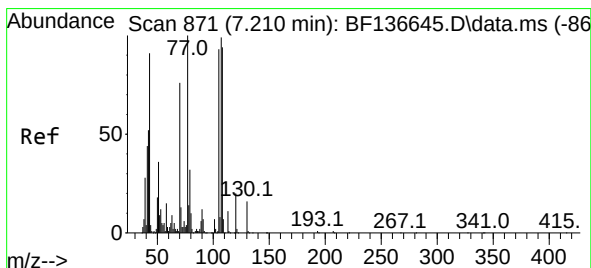
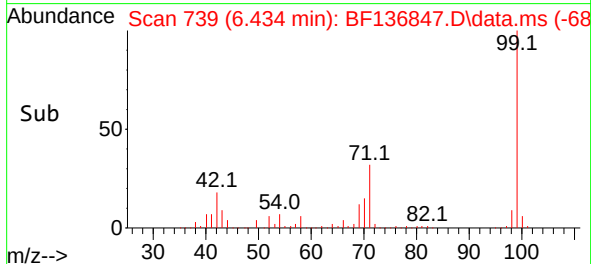
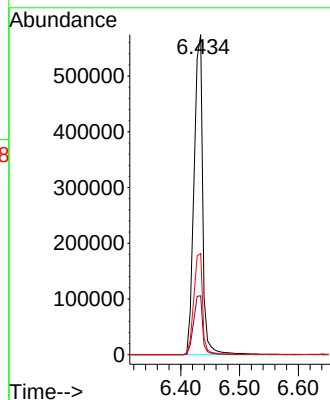
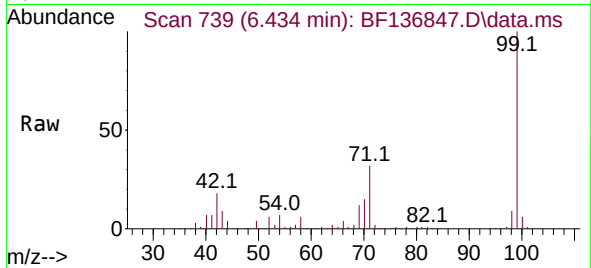




#7  
Phenol-d6  
Concen: 98.050 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

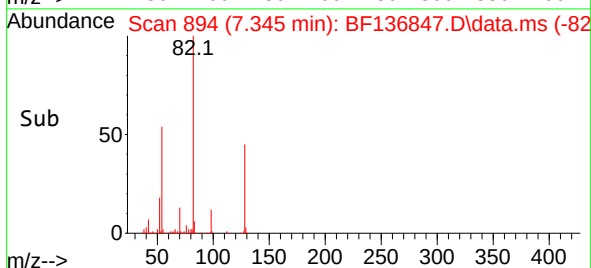
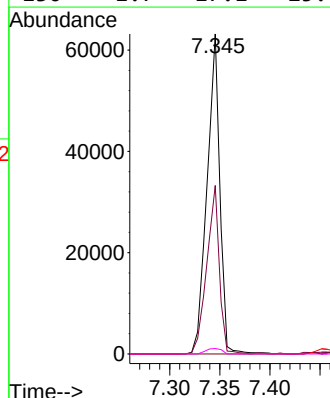
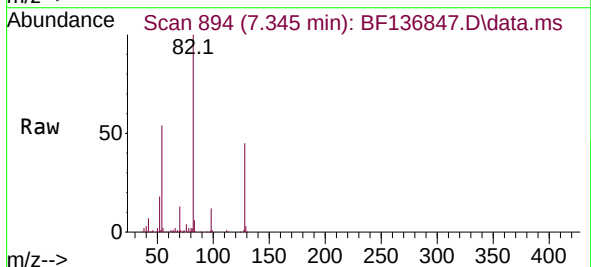
Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2

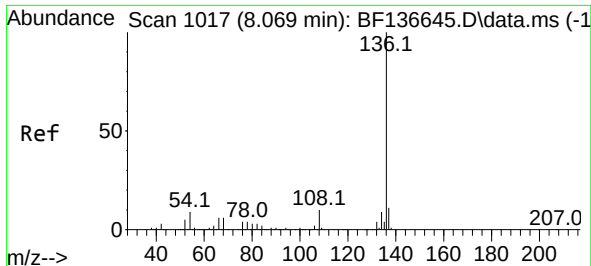
Tgt Ion: 99 Resp: 591881  
Ion Ratio Lower Upper  
99 100  
42 18.4 16.1 24.1  
71 31.6 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.432 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion: 70 Resp: 56471  
Ion Ratio Lower Upper  
70 100  
42 52.6 54.2 81.4#  
101 0.0 7.6 11.4#  
130 1.7 17.1 25.7#



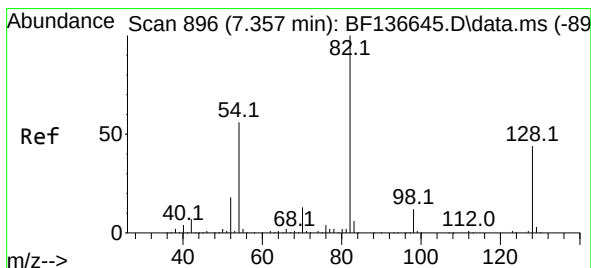
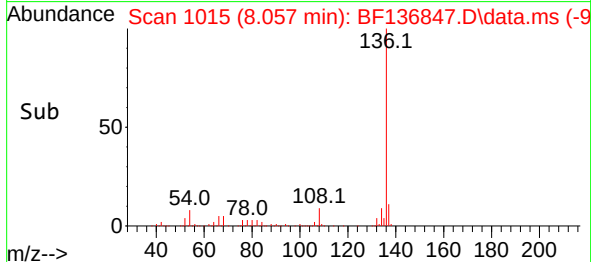
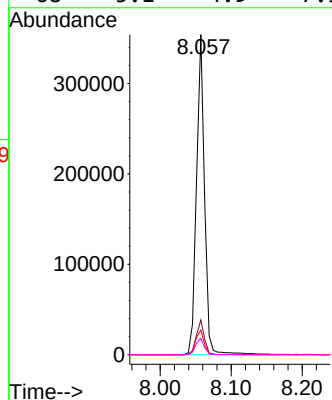
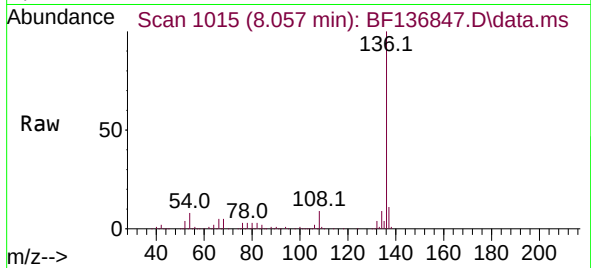


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2

Tgt Ion:136 Resp: 280432

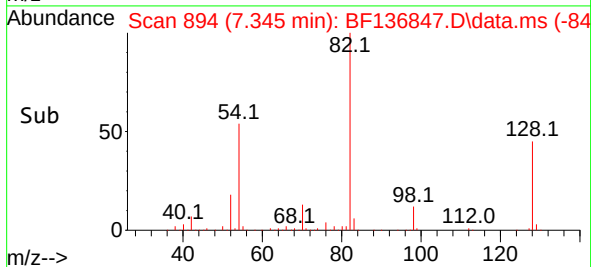
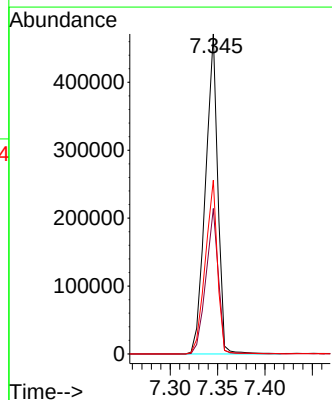
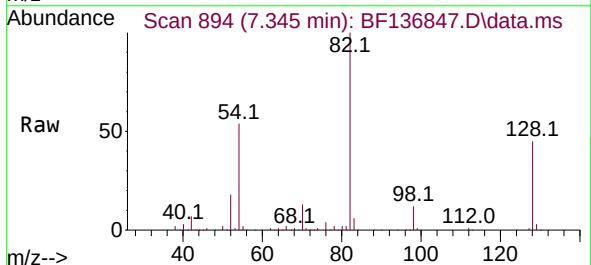
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.0   | 13.4  |
| 54  | 7.7   | 7.2   | 10.8  |
| 68  | 5.1   | 4.9   | 7.3   |

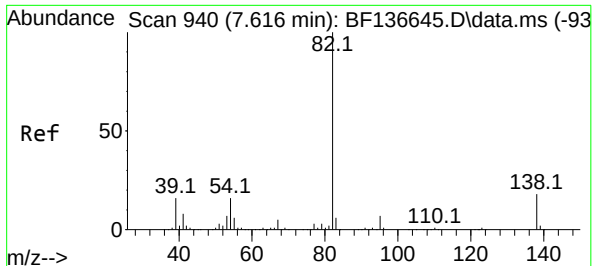


#23  
Nitrobenzene-d5  
Concen: 77.956 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion: 82 Resp: 427219

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.5  | 35.3  | 52.9  |
| 54  | 54.3  | 44.5  | 66.7  |

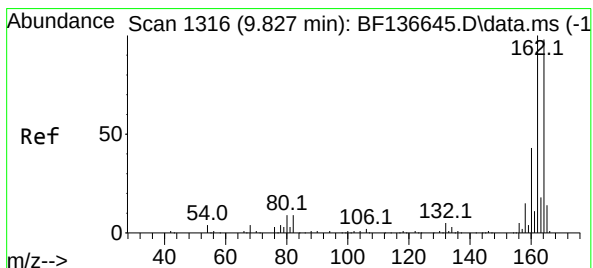
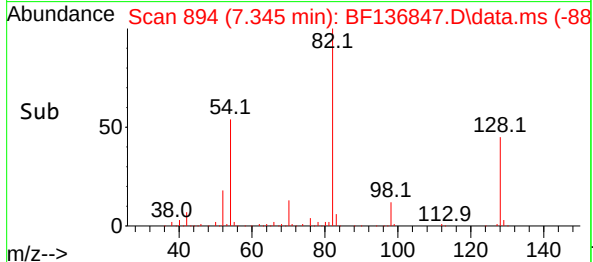
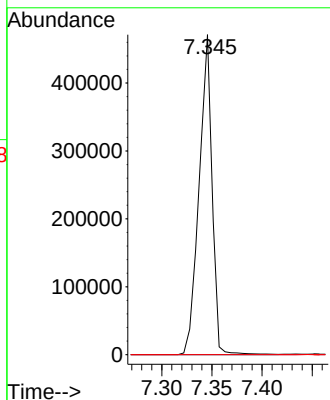
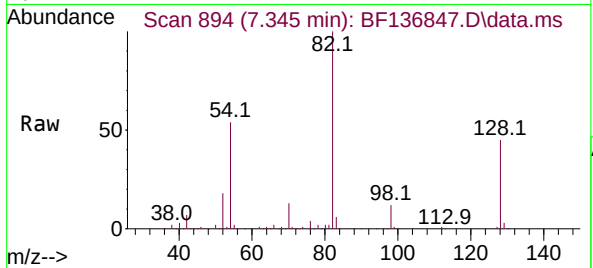




#25  
Isophorone  
Concen: 42.841 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.270 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

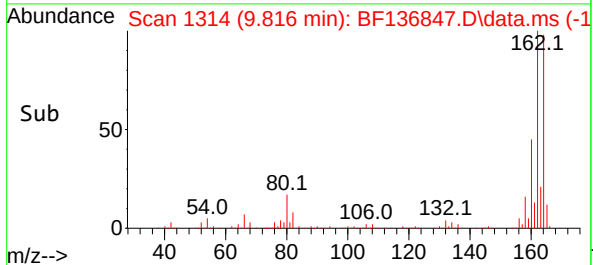
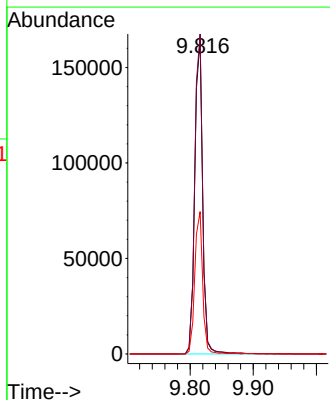
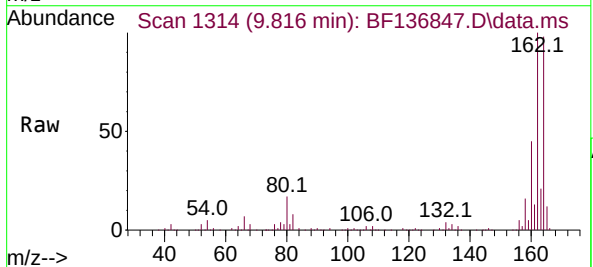
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ClientSampleId :  
MR-317-0-2

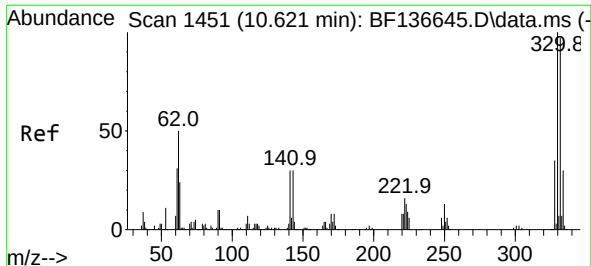
Tgt Ion: 82 Resp: 427211  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion:164 Resp: 142161  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.6 122.4  
160 45.3 34.9 52.3

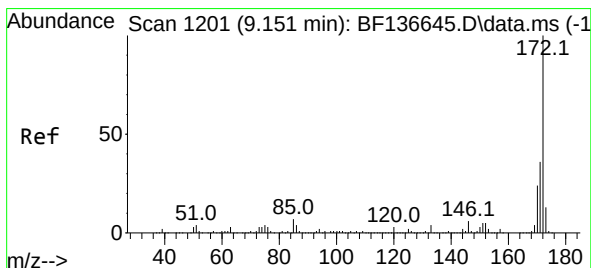
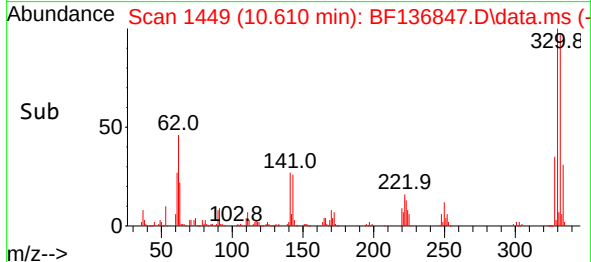
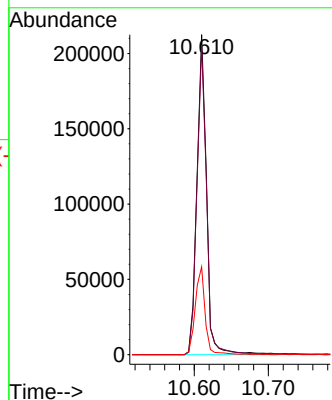
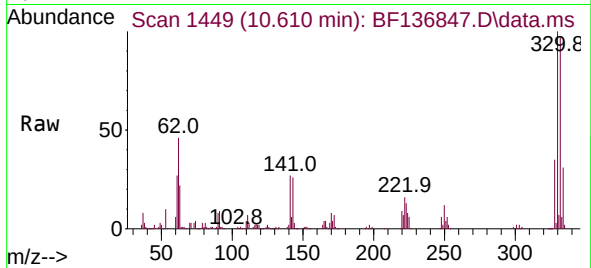




#42  
2,4,6-Tribromophenol  
Concen: 114.332 ng  
RT: 10.610 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

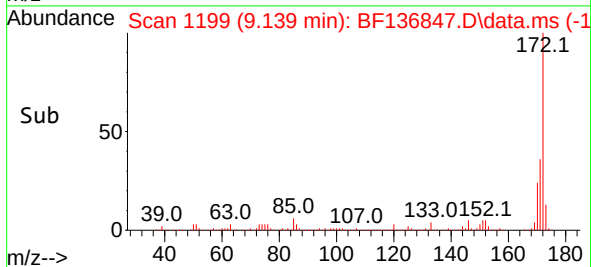
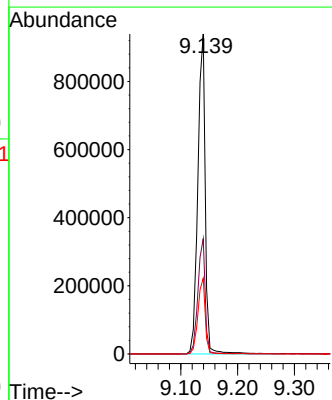
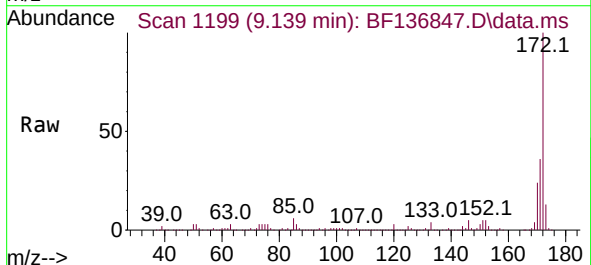
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BNA\_F  
ClientSampleId :  
MR-317-0-2

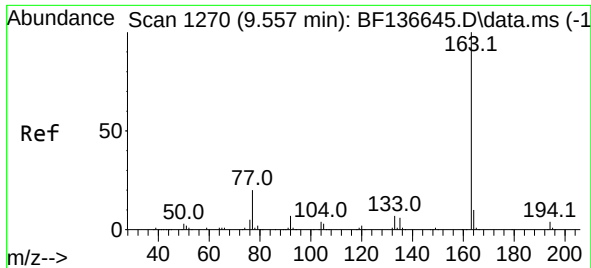
Tgt Ion:330 Resp: 191422  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.4 116.0  
141 28.3 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 81.688 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion:172 Resp: 863420  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.6  
170 23.6 19.0 28.4

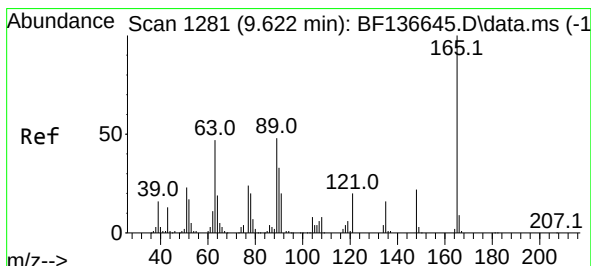
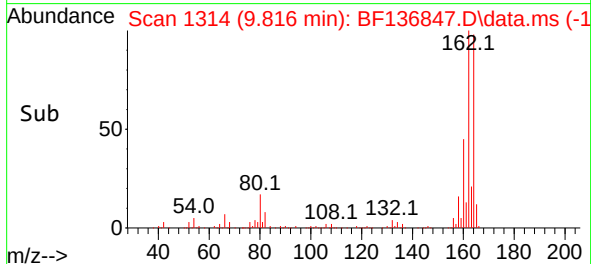
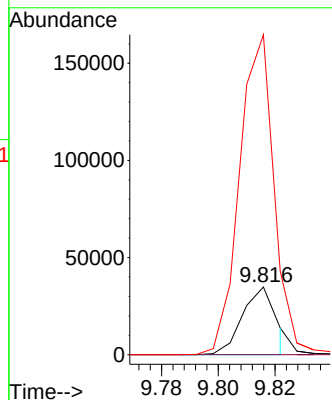
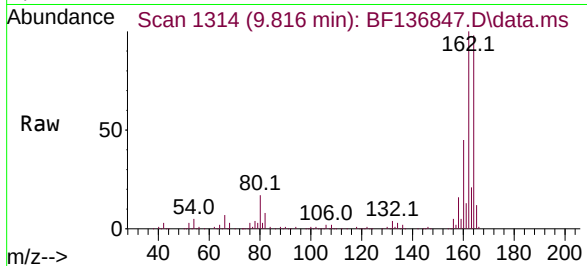




#50  
Dimethylphthalate  
Concen: 2.740 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

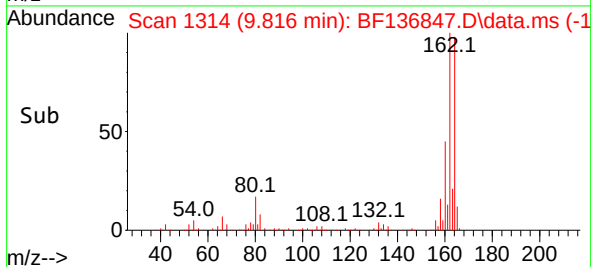
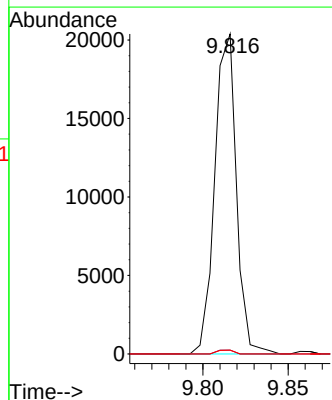
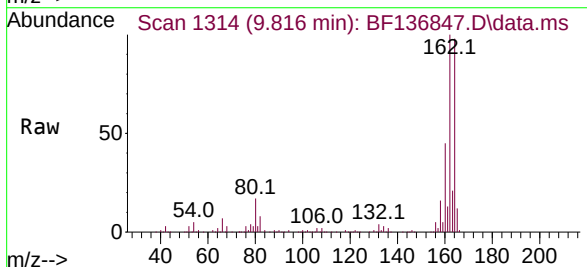
Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2

Tgt Ion:163 Resp: 28447  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 473.1 7.8 11.6#

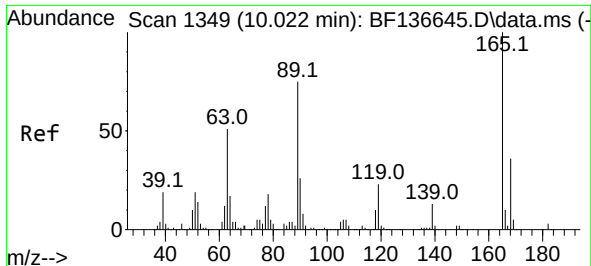


#51  
2,6-Dinitrotoluene  
Concen: 7.634 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion:165 Resp: 17991  
Ion Ratio Lower Upper  
165 100  
63 1.2 39.8 59.6#  
89 1.2 38.8 58.2#

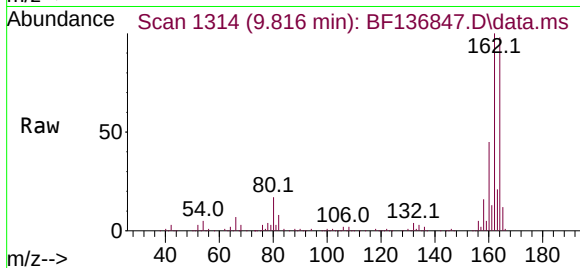




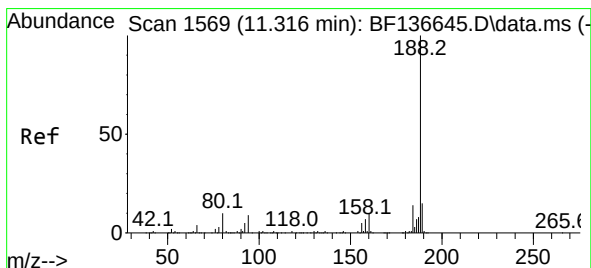
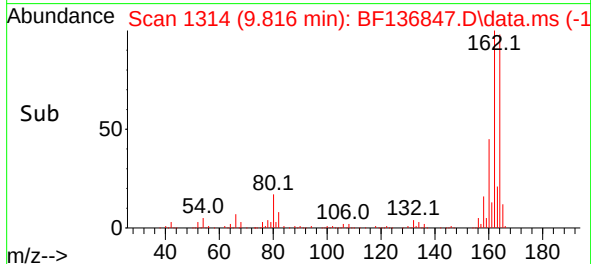
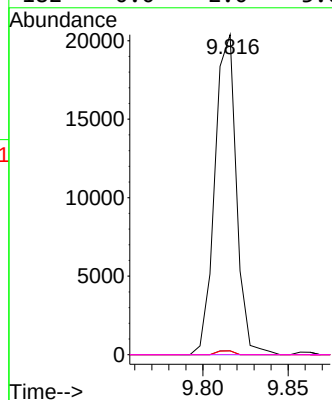


#57  
2,4-Dinitrotoluene  
Concen: 5.881 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2

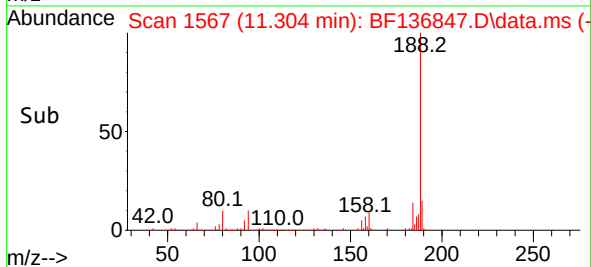
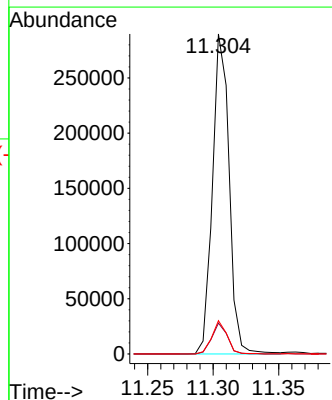
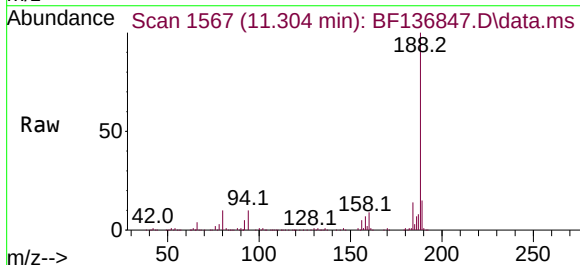


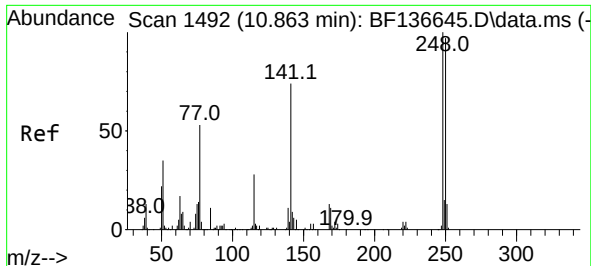
Tgt Ion:165 Resp: 17991  
Ion Ratio Lower Upper  
165 100  
63 1.2 41.0 61.6#  
89 1.2 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion:188 Resp: 255908  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.5 11.3  
80 10.4 8.1 12.1

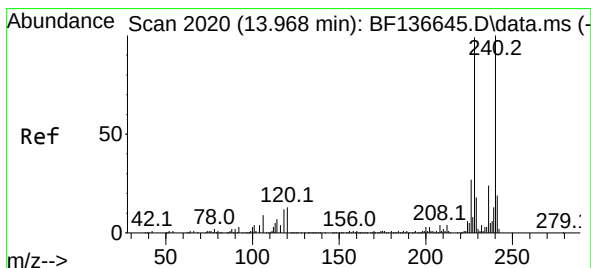
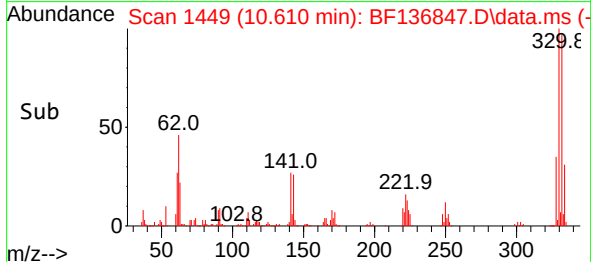
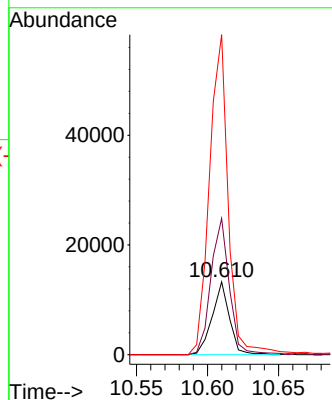
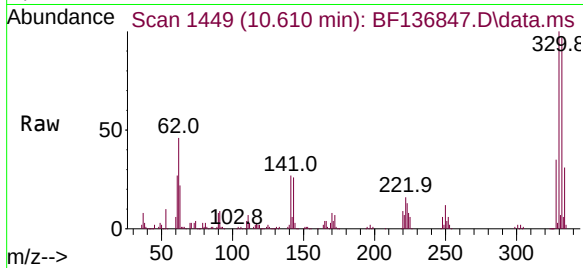




#67  
4-Bromophenyl-phenylether  
Concen: 3.954 ng  
RT: 10.610 min Scan# 1492  
Delta R.T. -0.253 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

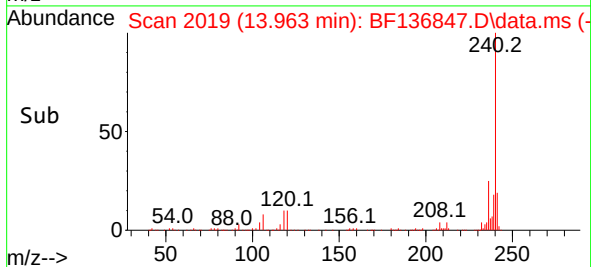
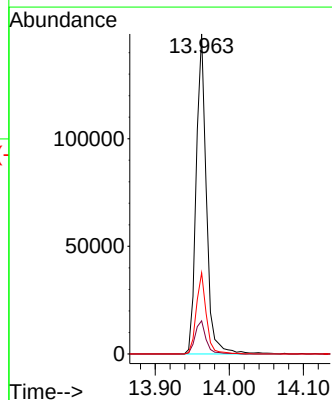
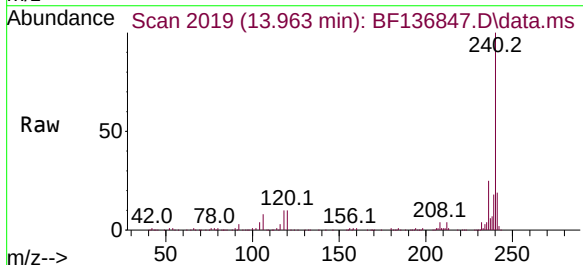
Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2

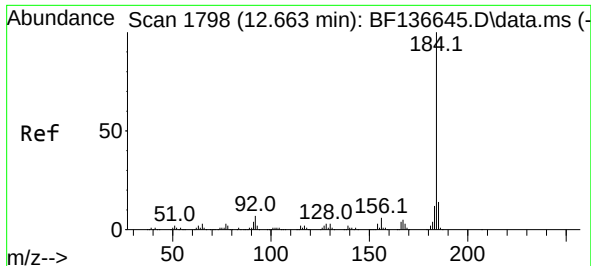
Tgt Ion:248 Resp: 11238  
Ion Ratio Lower Upper  
248 100  
250 187.4 77.8 116.6#  
141 440.0 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion:240 Resp: 141656  
Ion Ratio Lower Upper  
240 100  
120 10.3 10.3 15.5  
236 25.3 19.4 29.2

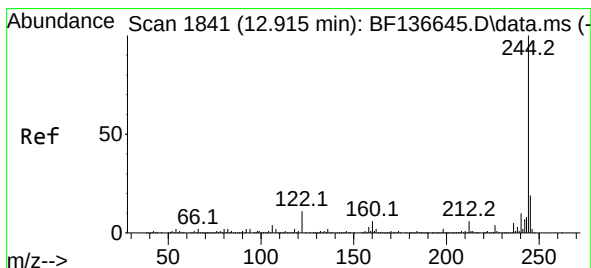
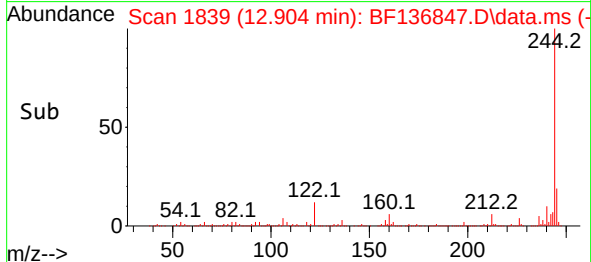
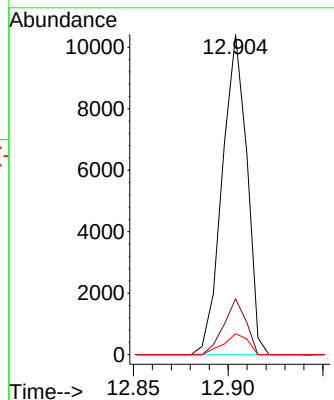
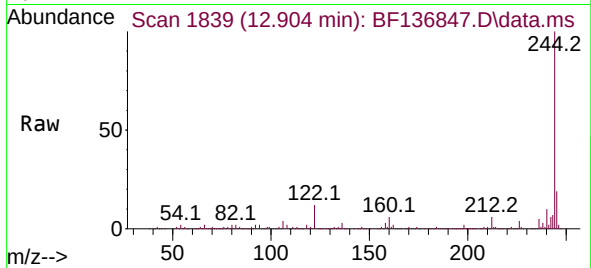




#77  
Benzidine  
Concen: 2.257 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. 0.241 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

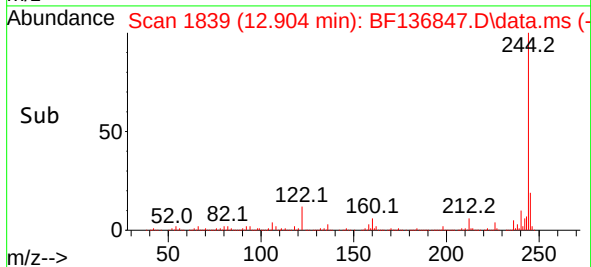
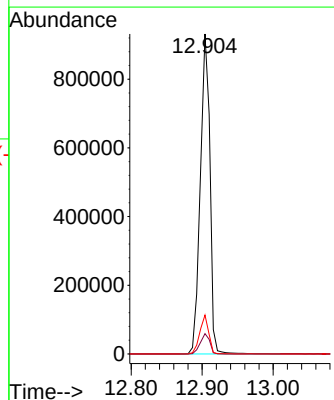
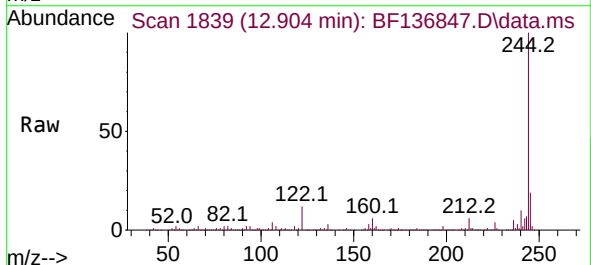
Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2

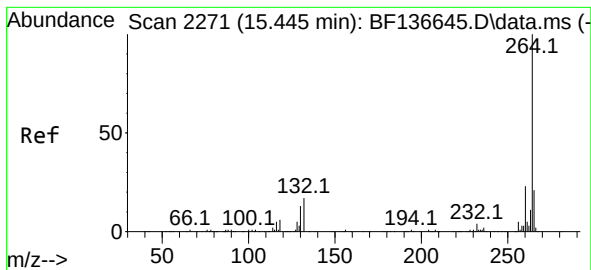
Tgt Ion:184 Resp: 9426  
Ion Ratio Lower Upper  
184 100  
185 17.5 11.2 16.8#  
183 6.5 9.3 13.9#



#79  
Terphenyl-d14  
Concen: 86.479 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.012 min  
Lab File: BF136847.D  
Acq: 30 Dec 2023 01:21

Tgt Ion:244 Resp: 876601  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.0 7.4  
122 12.2 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF136847.D  
 Acq: 30 Dec 2023 01:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-317-0-2

Tgt Ion:264 Resp: 146828  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.3 27.5  
 265 22.5 17.0 25.6

