

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
 Data File : BF138996.D  
 Acq On : 14 Aug 2024 16:10  
 Operator : RC/JU  
 Sample : P3548-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12017-72-11934

Quant Time: Aug 14 16:32:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

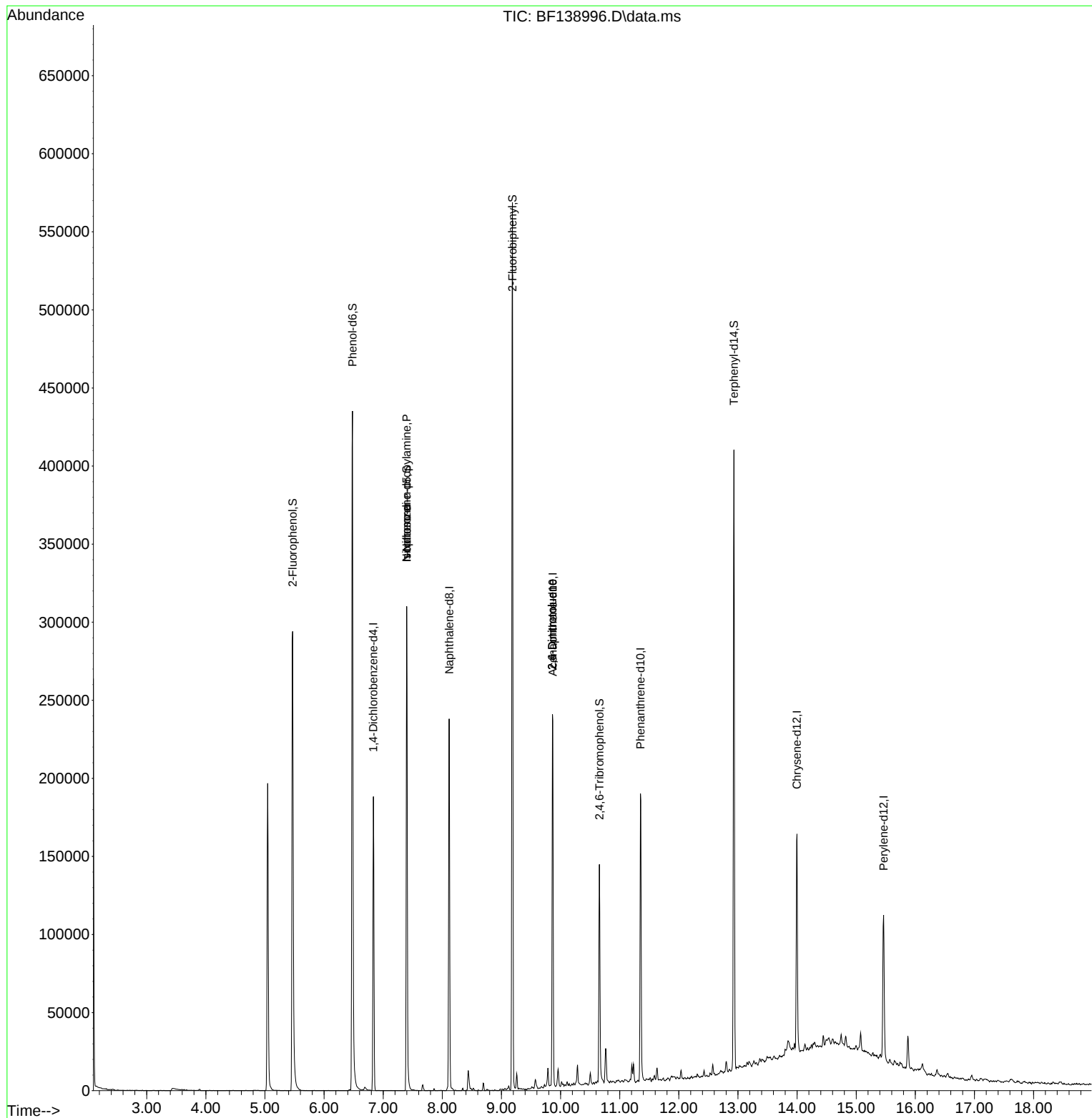
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 34973    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.116  | 136  | 137225   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.869  | 164  | 69312    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.351 | 188  | 97739    | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 13.998 | 240  | 64519    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.462 | 264  | 54739    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 112294   | 49.565 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 194937   | 64.086 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 128175   | 45.667 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 19879    | 35.013 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 227605   | 49.339 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.933 | 244  | 174339   | 45.241 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 17136    | 9.327  | ng    | # 83     |
| 25) Isophorone                | 7.398  | 82   | 128174   | 26.744 | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.863  | 165  | 8785     | 8.783  | ng    | # 19     |
| 57) 2,4-Dinitrotoluene        | 9.863  | 165  | 8785     | 6.884  | ng    | # 16     |
| -----                         |        |      |          |        |       |          |

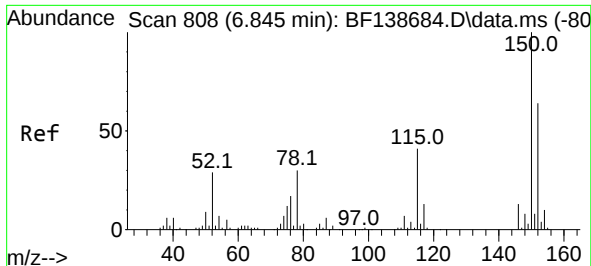
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
Data File : BF138996.D  
Acq On : 14 Aug 2024 16:10  
Operator : RC/JU  
Sample : P3548-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

Quant Time: Aug 14 16:32:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 17:50:01 2024  
Response via : Initial Calibration

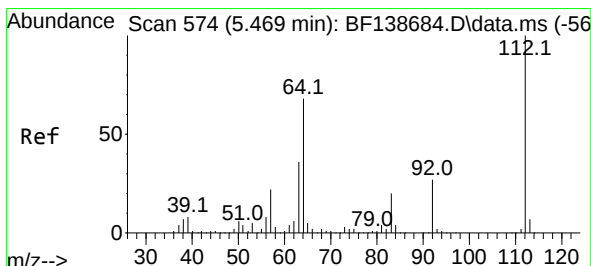
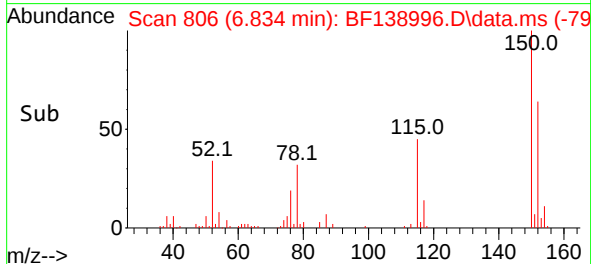
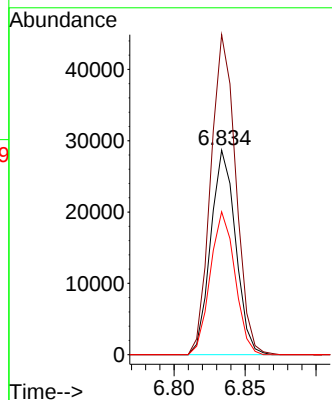
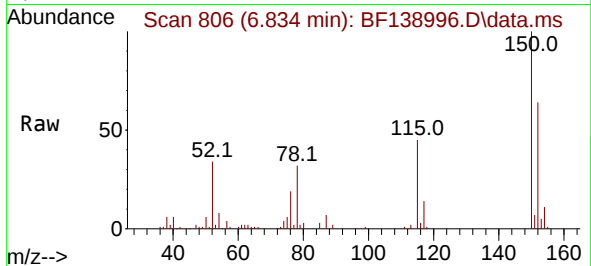




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 806  
Delta R.T. -0.011 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

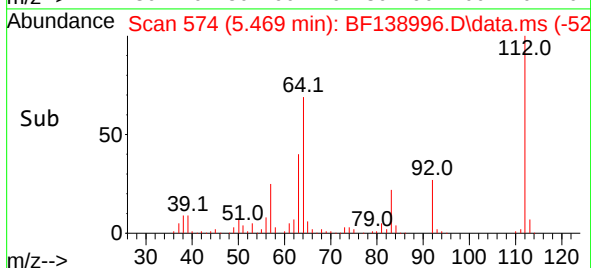
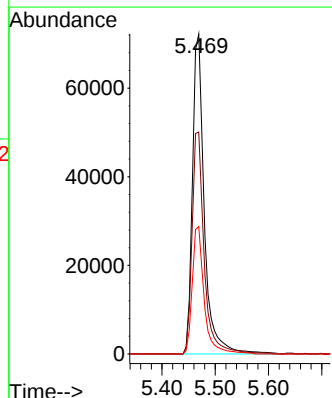
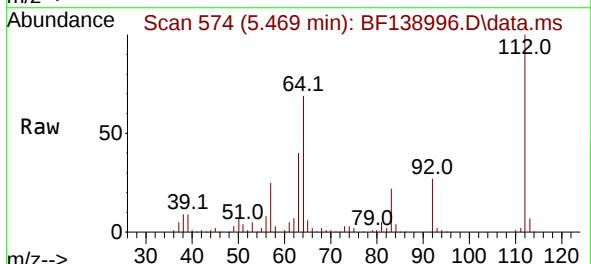
Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

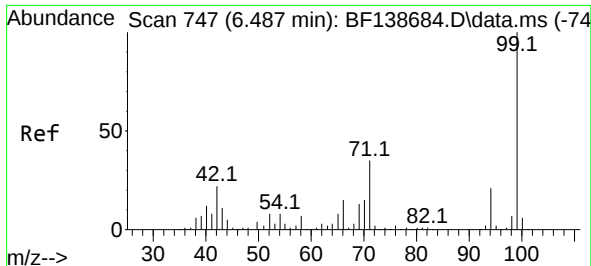
Tgt Ion:152 Resp: 34973  
Ion Ratio Lower Upper  
152 100  
150 156.5 126.0 189.0  
115 69.9 51.7 77.5



#5  
2-Fluorophenol  
Concen: 49.565 ng  
RT: 5.469 min Scan# 574  
Delta R.T. -0.000 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

Tgt Ion:112 Resp: 112294  
Ion Ratio Lower Upper  
112 100  
64 69.4 54.2 81.4  
63 39.8 28.7 43.1

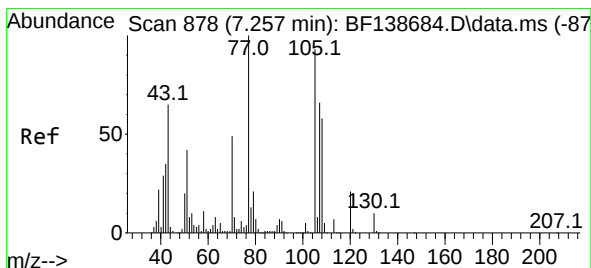
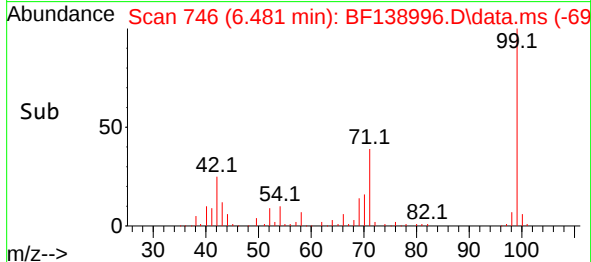
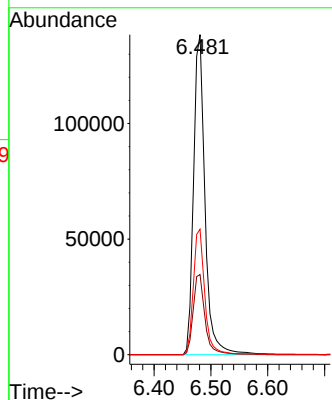
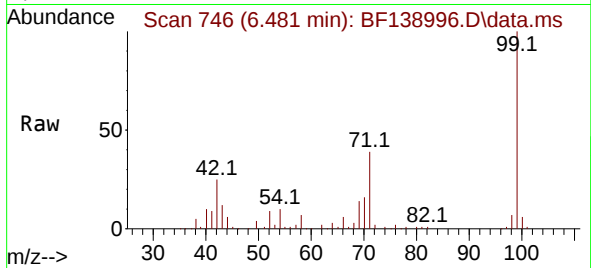




#7  
Phenol-d6  
Concen: 64.086 ng  
RT: 6.481 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

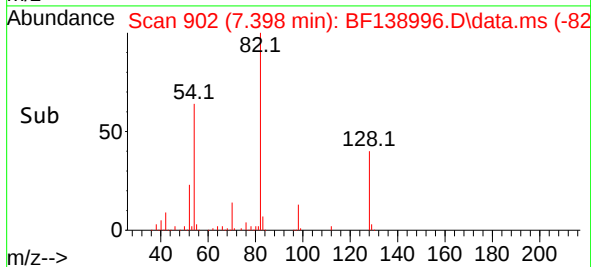
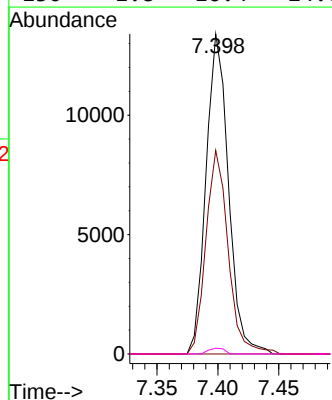
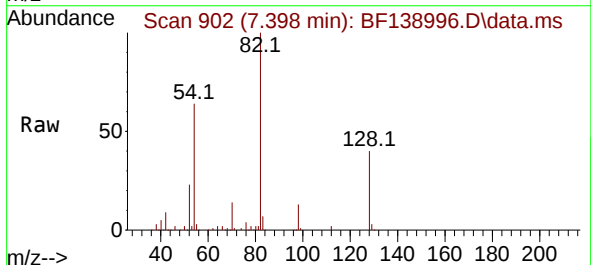
Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

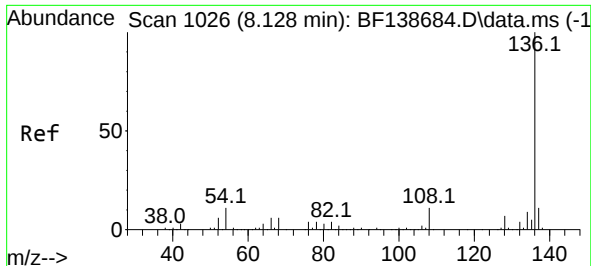
Tgt Ion: 99 Resp: 194937  
Ion Ratio Lower Upper  
99 100  
42 25.0 17.4 26.0  
71 39.2 28.1 42.1



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.327 ng  
RT: 7.398 min Scan# 902  
Delta R.T. 0.141 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

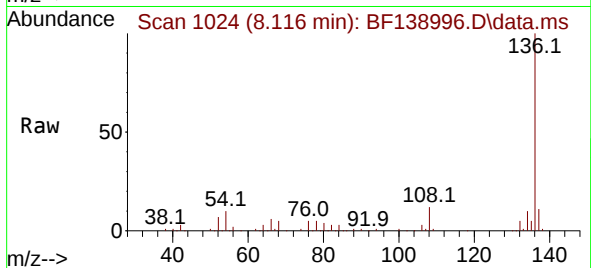
Tgt Ion: 70 Resp: 17136  
Ion Ratio Lower Upper  
70 100  
42 63.6 57.4 86.0  
101 0.0 7.5 11.3#  
130 1.8 16.4 24.6#



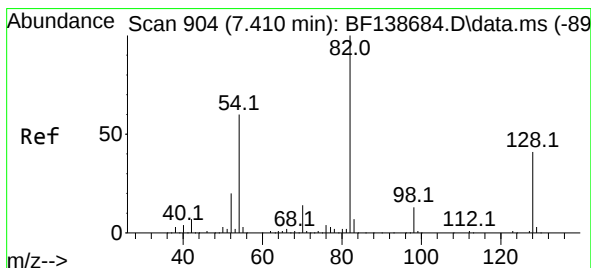
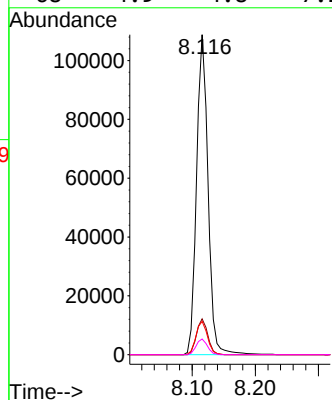
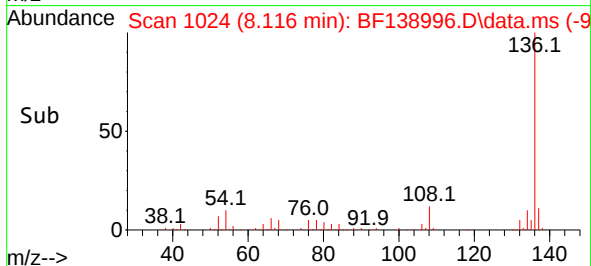


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

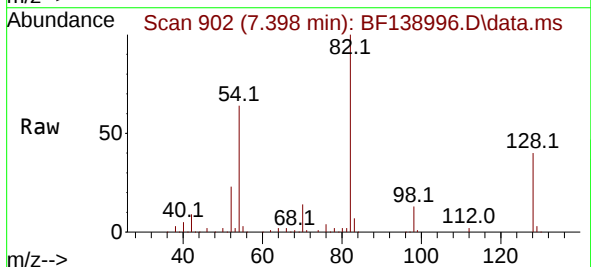
Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934



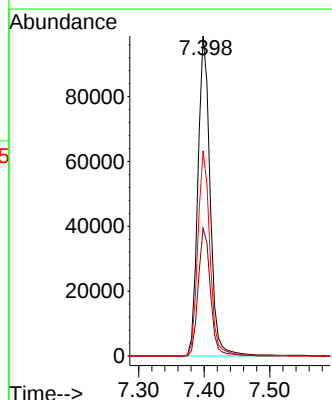
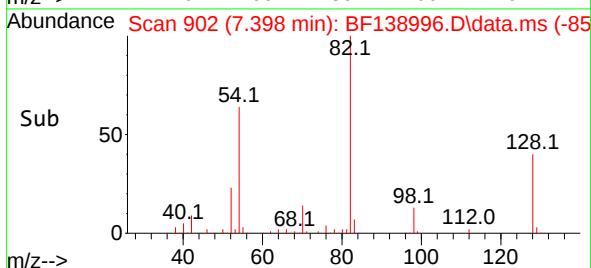
Tgt Ion:136 Resp: 137225  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 10.4 8.6 12.8  
68 4.9 4.8 7.2

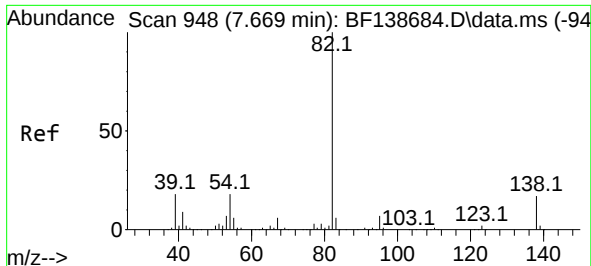


#23  
Nitrobenzene-d5  
Concen: 45.667 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10



Tgt Ion: 82 Resp: 128175  
Ion Ratio Lower Upper  
82 100  
128 39.9 32.8 49.2  
54 64.1 48.3 72.5

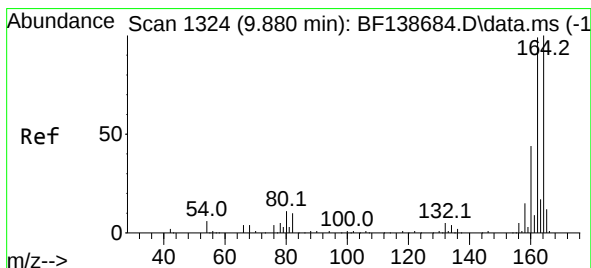
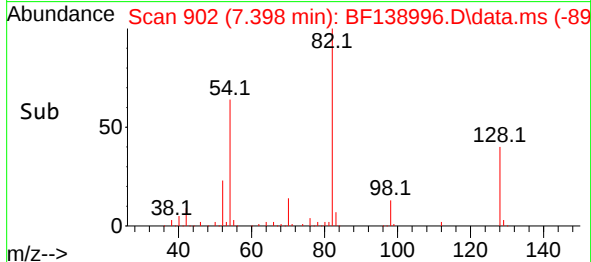
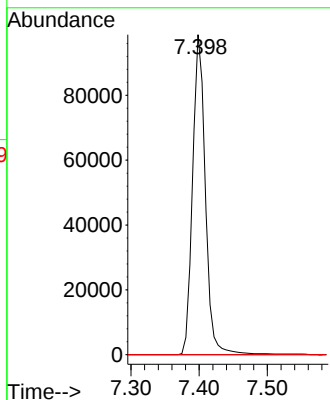
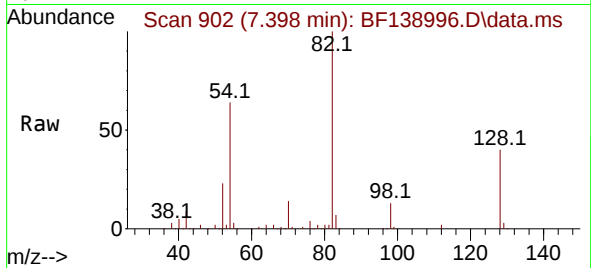




#25  
Isophorone  
Concen: 26.744 ng  
RT: 7.398 min Scan# 90  
Delta R.T. -0.271 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

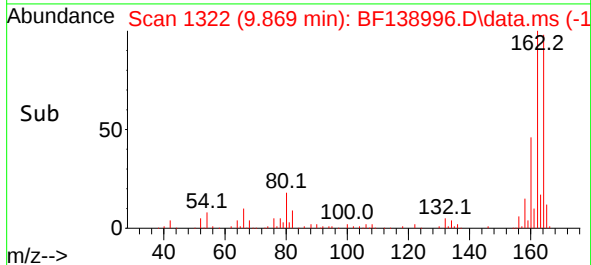
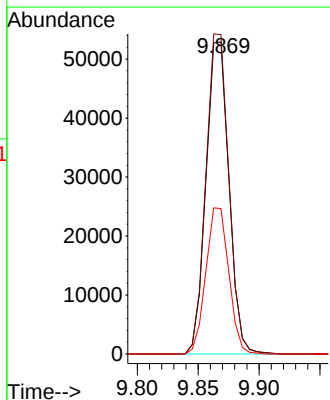
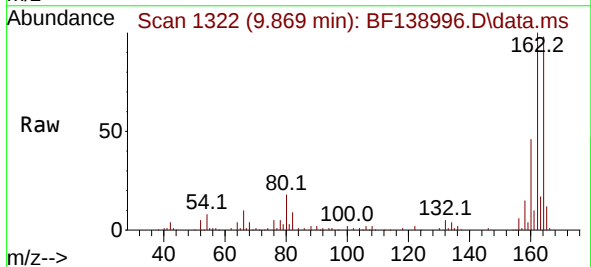
Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

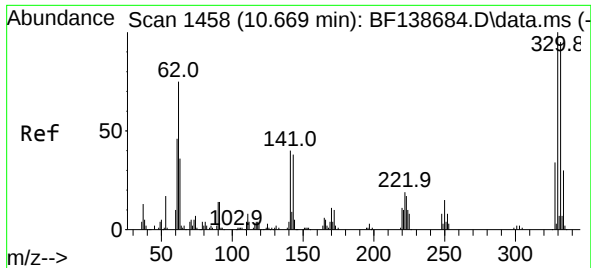
Tgt Ion: 82 Resp: 128174  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 13.7 20.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1322  
Delta R.T. -0.011 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

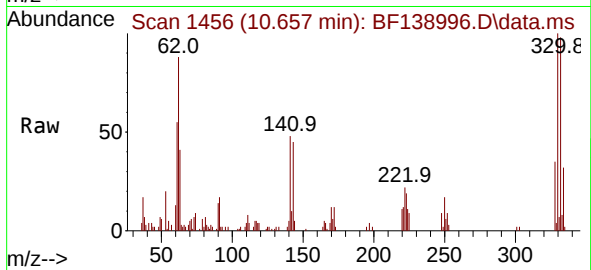
Tgt Ion:164 Resp: 69312  
Ion Ratio Lower Upper  
164 100  
162 102.3 79.4 119.0  
160 46.6 35.1 52.7



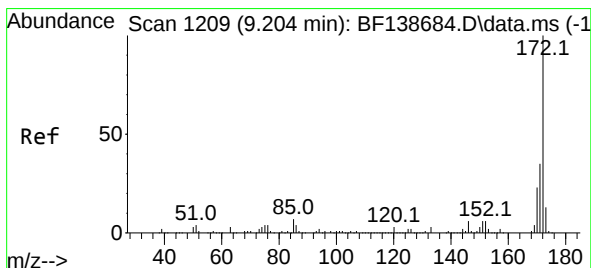
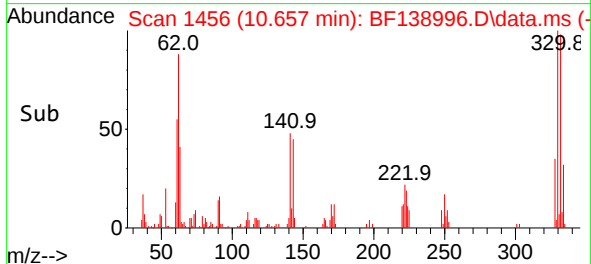
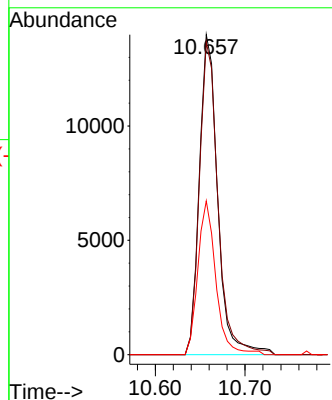


#42  
2,4,6-Tribromophenol  
Concen: 35.013 ng  
RT: 10.657 min Scan# 1458  
Delta R.T. -0.012 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

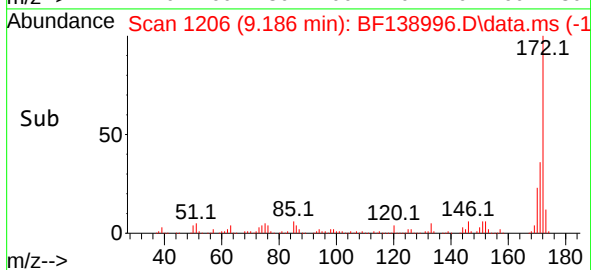
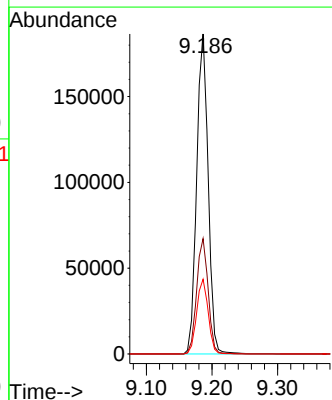
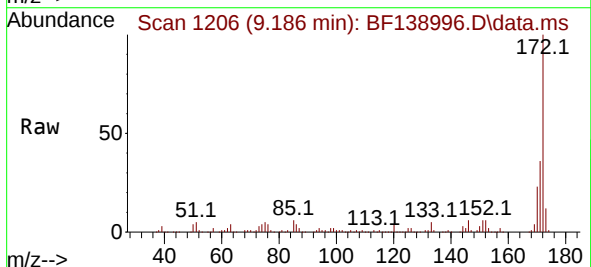


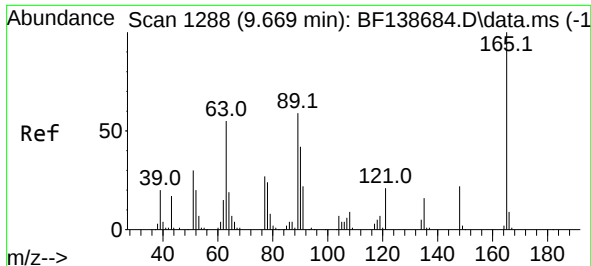
Tgt Ion:330 Resp: 19879  
Ion Ratio Lower Upper  
330 100  
332 98.8 76.4 114.6  
141 47.2 31.1 46.7#



#45  
2-Fluorobiphenyl  
Concen: 49.339 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. -0.018 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

Tgt Ion:172 Resp: 227605  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.3 42.5  
170 23.4 18.8 28.2

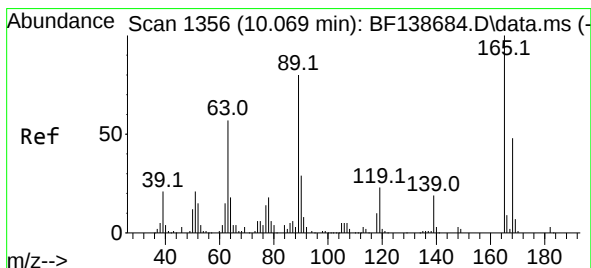
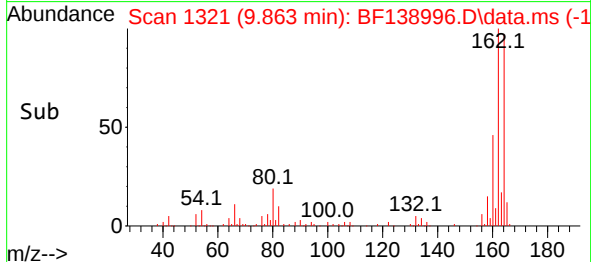
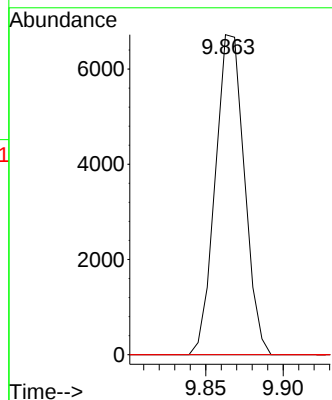
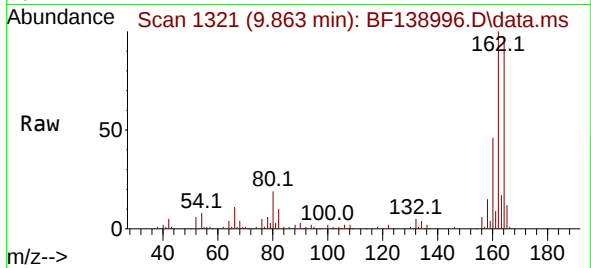




#51  
2,6-Dinitrotoluene  
Concen: 8.783 ng  
RT: 9.863 min Scan# 11  
Delta R.T. 0.194 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

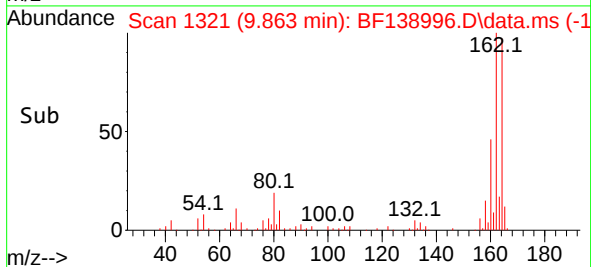
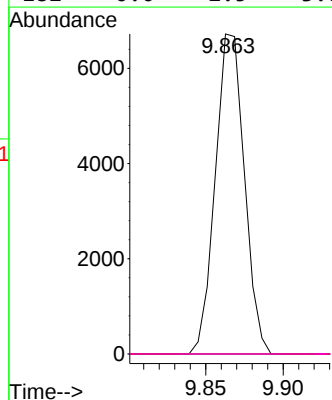
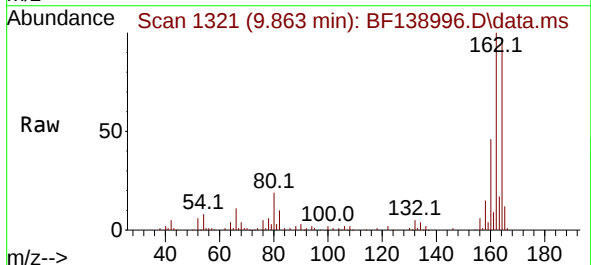
Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

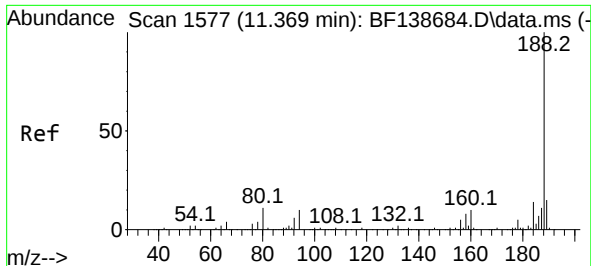
Tgt Ion:165 Resp: 8785  
Ion Ratio Lower Upper  
165 100  
63 0.0 52.0 78.0#  
89 0.0 47.0 70.6#



#57  
2,4-Dinitrotoluene  
Concen: 6.884 ng  
RT: 9.863 min Scan# 1321  
Delta R.T. -0.206 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

Tgt Ion:165 Resp: 8785  
Ion Ratio Lower Upper  
165 100  
63 0.0 46.3 69.5#  
89 0.0 64.2 96.4#  
182 0.0 2.5 3.7#

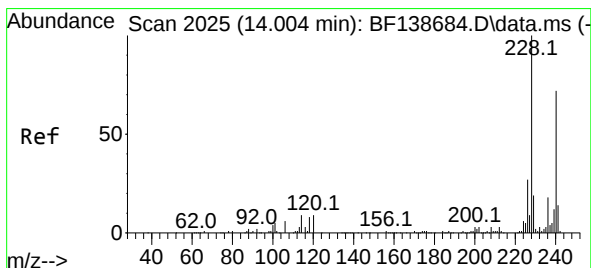
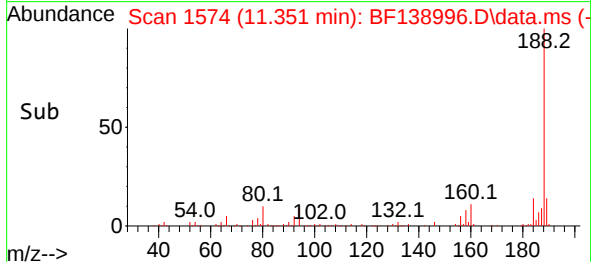
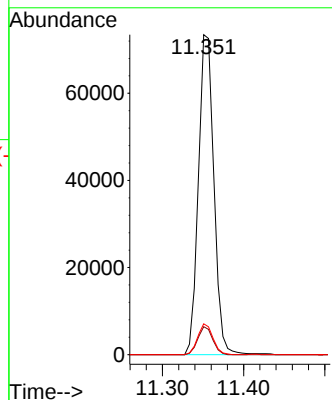
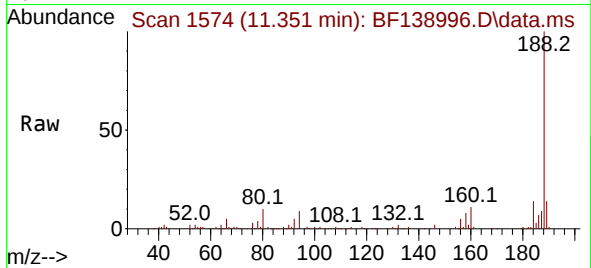




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

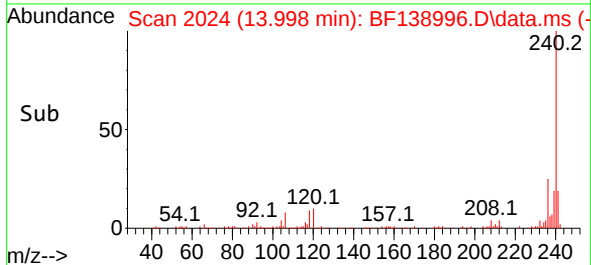
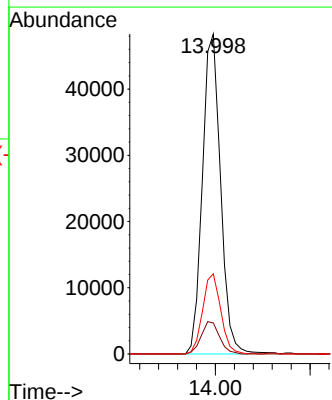
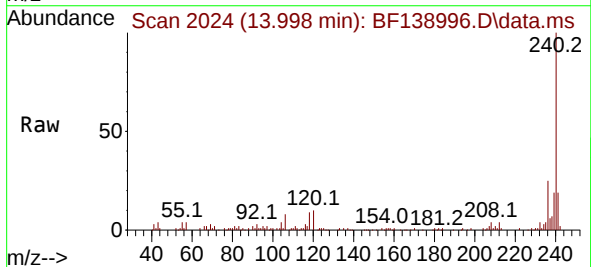
Instrument :  
BNA\_F  
ClientSampleId :  
72-12017-72-11934

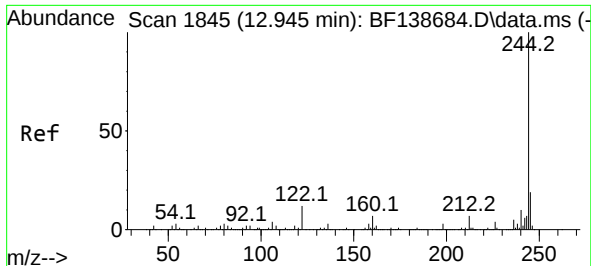
Tgt Ion:188 Resp: 97739  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.6 11.4  
80 9.6 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF138996.D  
Acq: 14 Aug 2024 16:10

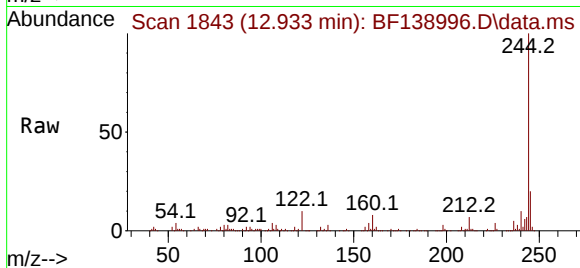
Tgt Ion:240 Resp: 64519  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.2 15.4#  
236 25.1 19.8 29.8



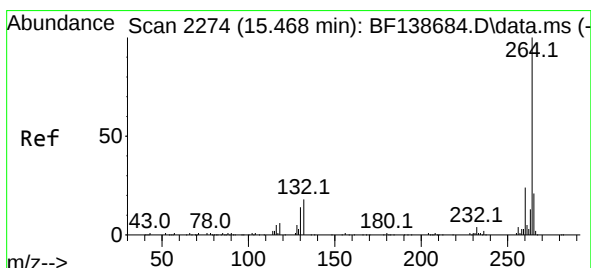
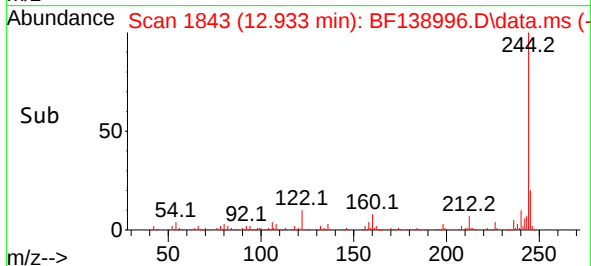
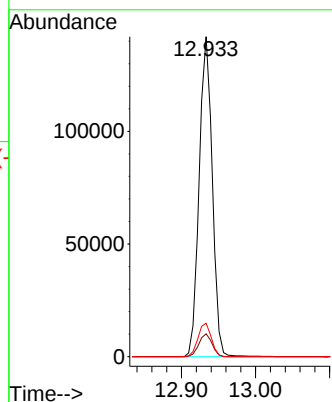


#79  
 Terphenyl-d14  
 Concen: 45.241 ng  
 RT: 12.933 min Scan# 1843  
 Delta R.T. -0.012 min  
 Lab File: BF138996.D  
 Acq: 14 Aug 2024 16:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12017-72-11934



Tgt Ion:244 Resp: 174339  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 10.5 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.462 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF138996.D  
 Acq: 14 Aug 2024 16:10

Tgt Ion:264 Resp: 54739  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.0 28.6  
 265 21.0 17.0 25.6

