

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122823\  
 Data File : BF136799.D  
 Acq On : 28 Dec 2023 18:16  
 Operator : CG\JU  
 Sample : 06027-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIERS

Quant Time: Dec 28 23:30:09 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

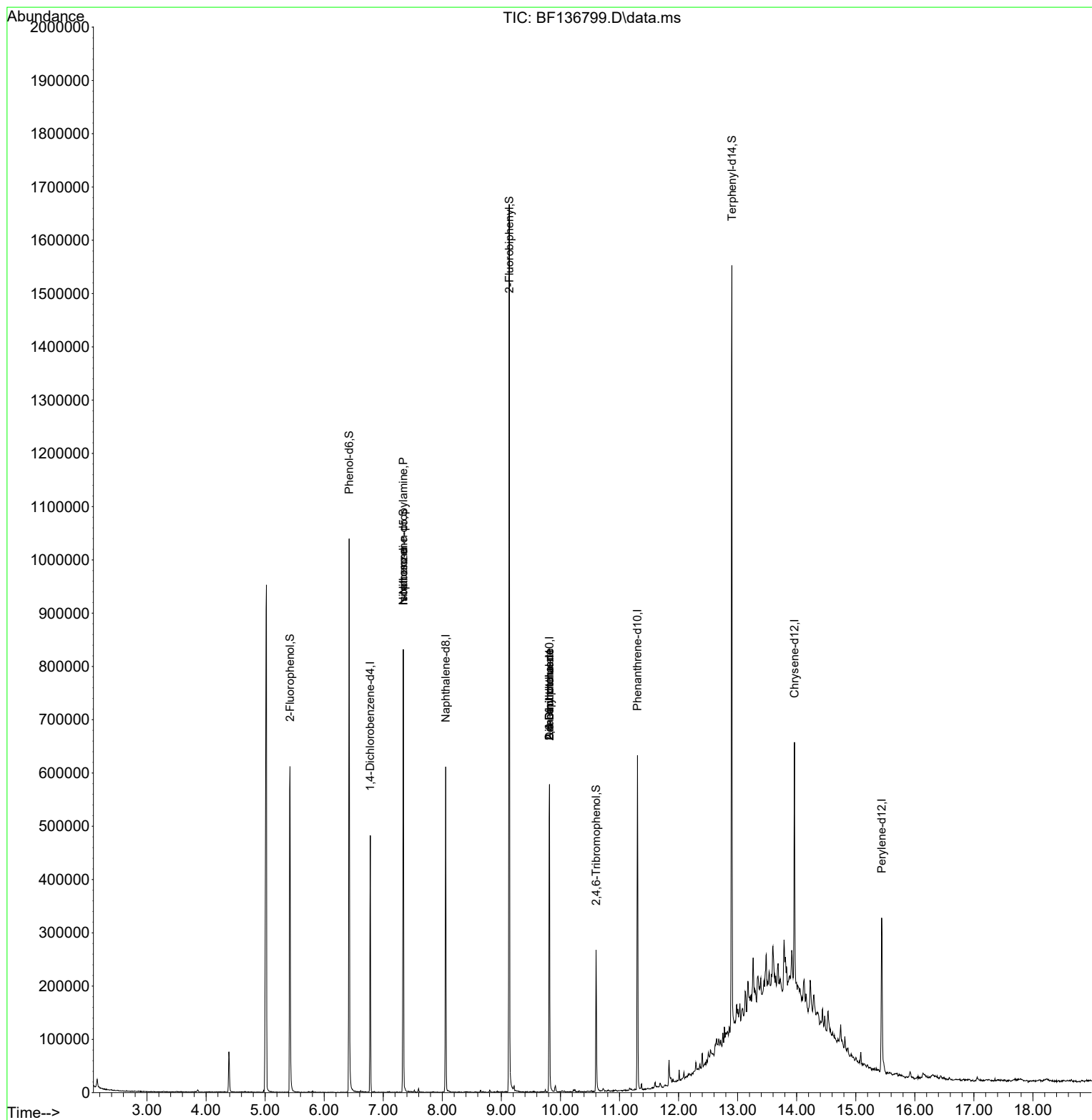
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 67005    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 250229   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 121478   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 224456   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.963 | 240  | 136678   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.439 | 264  | 142911   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 173206   | 40.333 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.422  | 99   | 317709   | 57.096 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.339  | 82   | 244713   | 50.043 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 33759    | 23.597 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.133  | 172  | 503564   | 55.754 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.904 | 244  | 481495   | 49.231 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.339  | 70   | 31302    | 9.280  | ng    | # 78     |
| 25) Isophorone                | 7.339  | 82   | 243273   | 27.340 | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 24152    | 2.722  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 15722    | 7.807  | ng    | # 30     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 15722    | 6.014  | ng    | # 21     |
| -----                         |        |      |          |        |       |          |

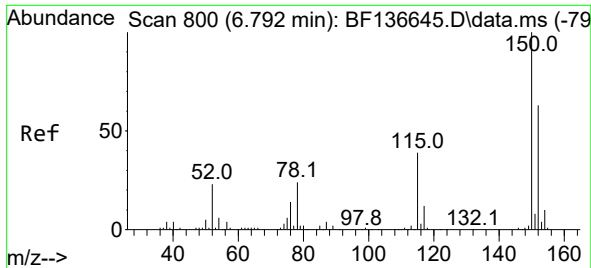
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122823\  
Data File : BF136799.D  
Acq On : 28 Dec 2023 18:16  
Operator : CG\JU  
Sample : 06027-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

Quant Time: Dec 28 23:30:09 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

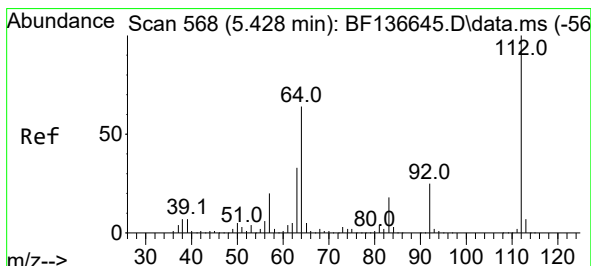
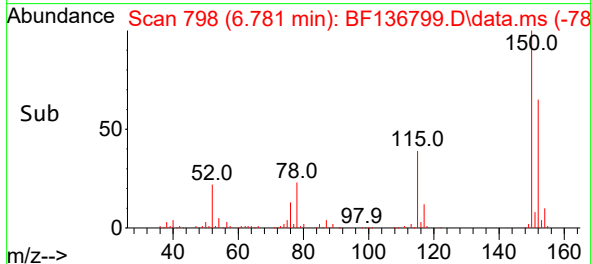
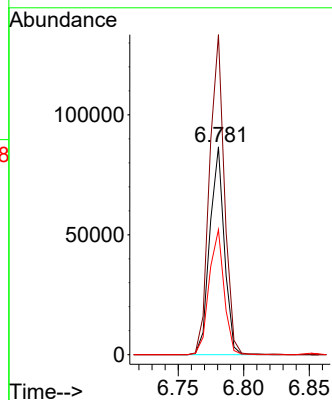
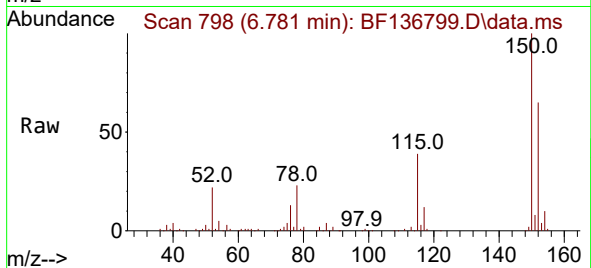




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

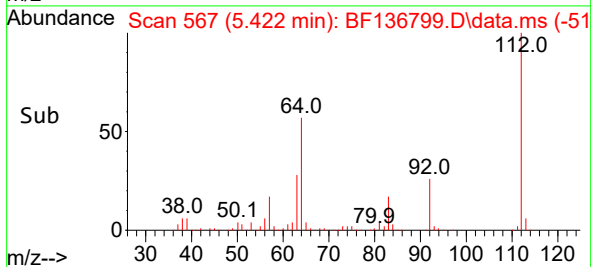
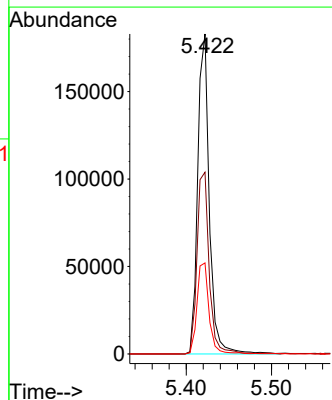
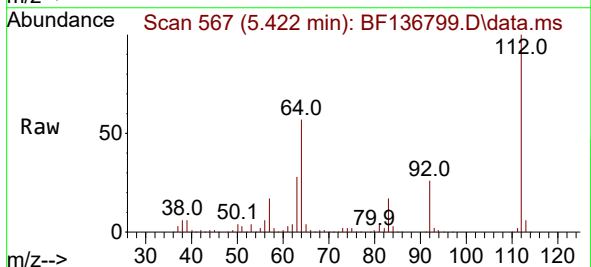
Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

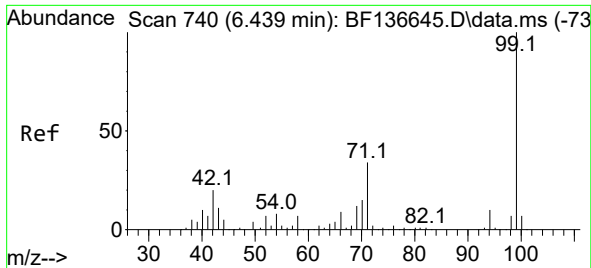
Tgt Ion:152 Resp: 67005  
Ion Ratio Lower Upper  
152 100  
150 154.0 127.0 190.6  
115 60.2 49.0 73.4



#5  
2-Fluorophenol  
Concen: 40.333 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

Tgt Ion:112 Resp: 173206  
Ion Ratio Lower Upper  
112 100  
64 56.8 51.1 76.7  
63 28.5 26.1 39.1

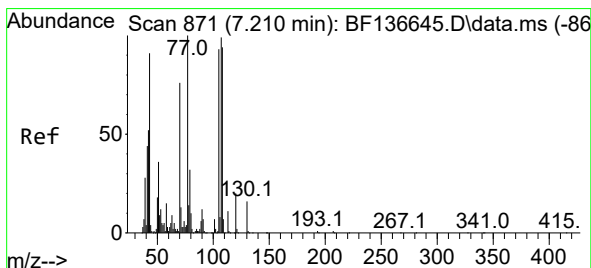
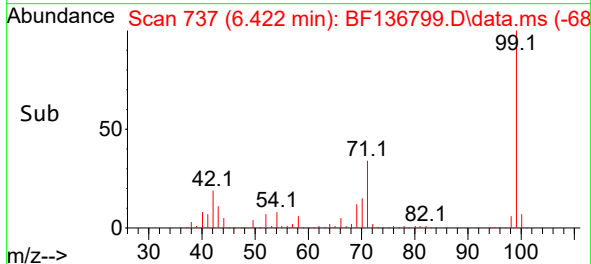
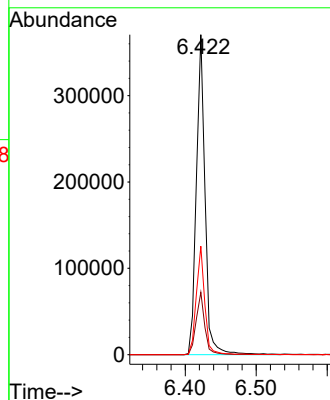
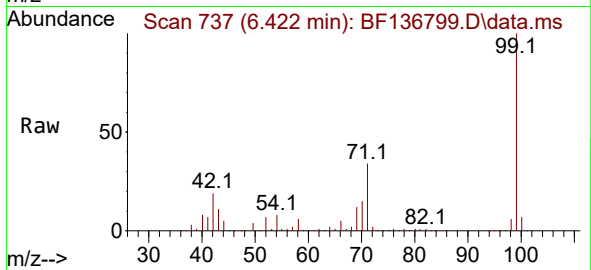




#7  
Phenol-d6  
Concen: 57.096 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

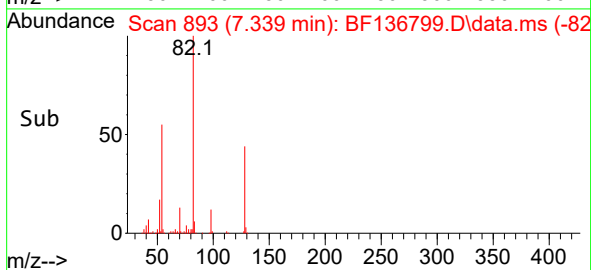
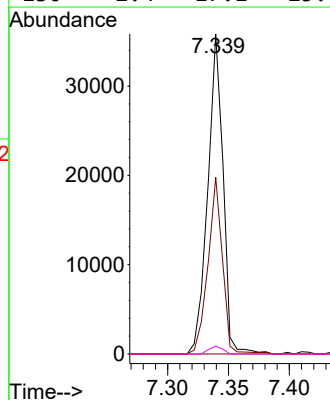
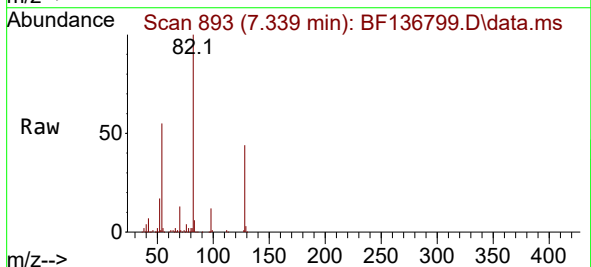
Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

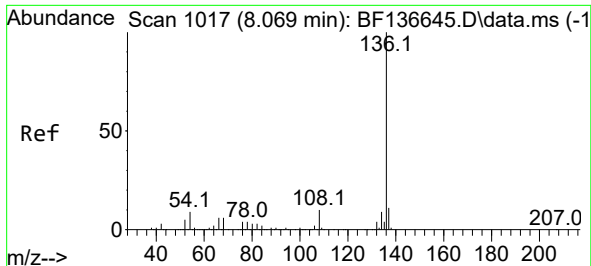
Tgt Ion: 99 Resp: 317709  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.1 24.1  
71 33.9 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.280 ng  
RT: 7.339 min Scan# 893  
Delta R.T. 0.130 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

Tgt Ion: 70 Resp: 31302  
Ion Ratio Lower Upper  
70 100  
42 55.2 54.2 81.4  
101 0.0 7.6 11.4#  
130 2.4 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: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA\_F

ClientSampleId :

PIERS

Tgt Ion:136 Resp: 250229

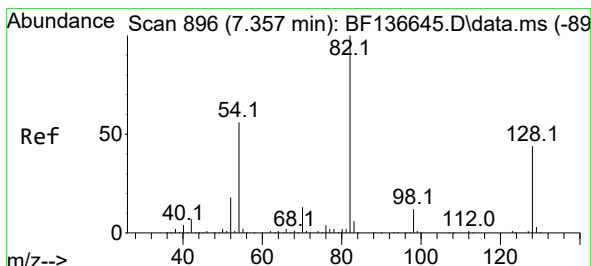
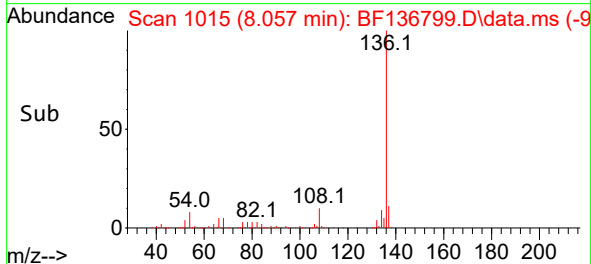
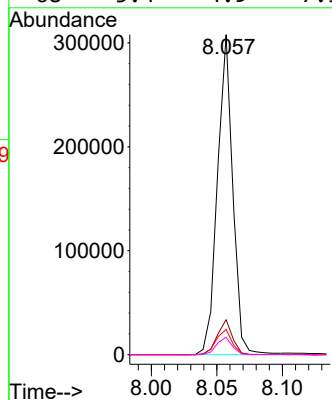
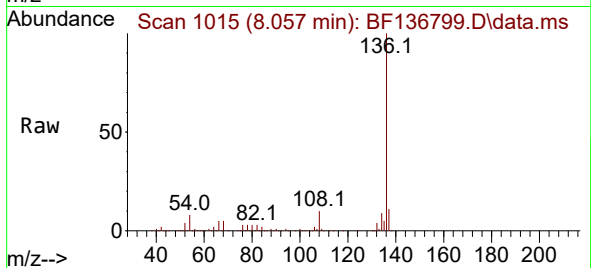
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.9 7.2 10.8

68 5.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 50.043 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

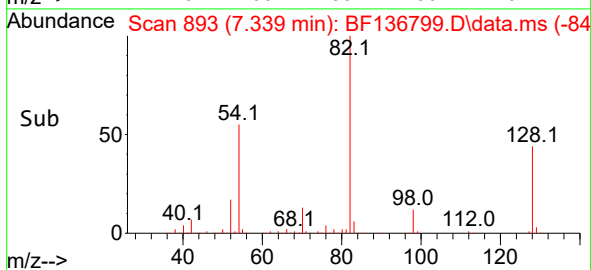
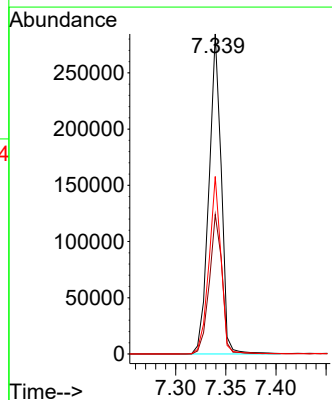
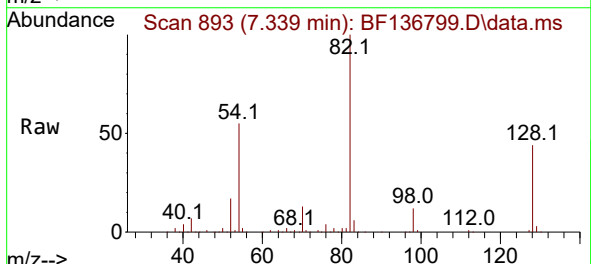
Tgt Ion: 82 Resp: 244713

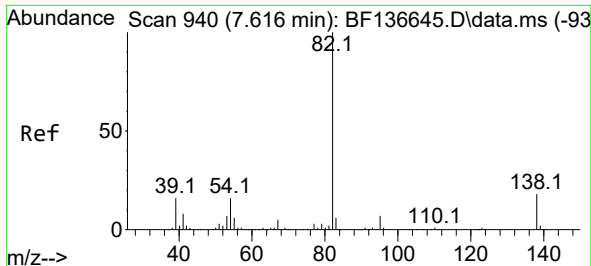
Ion Ratio Lower Upper

82 100

128 43.5 35.3 52.9

54 55.4 44.5 66.7

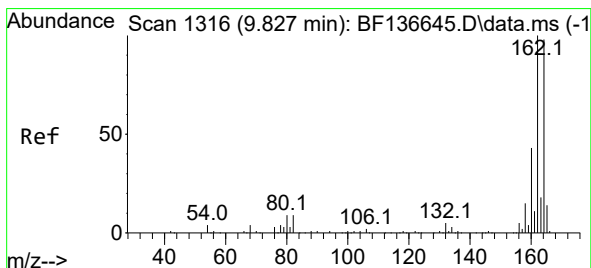
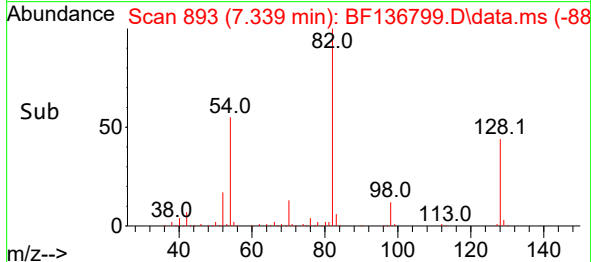
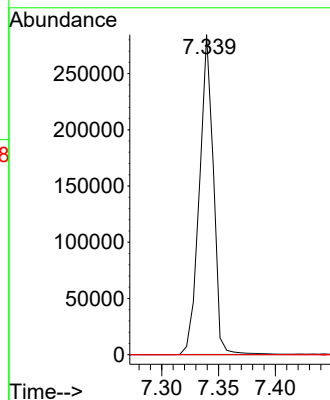
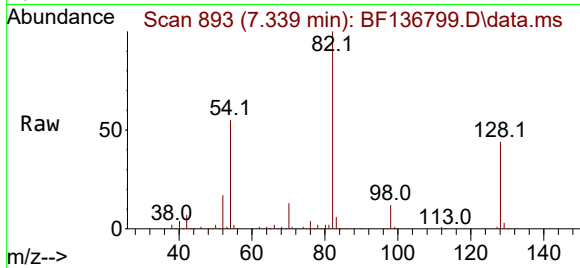




#25  
Isophorone  
Concen: 27.340 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.276 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

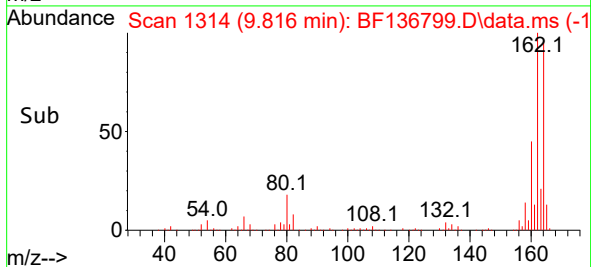
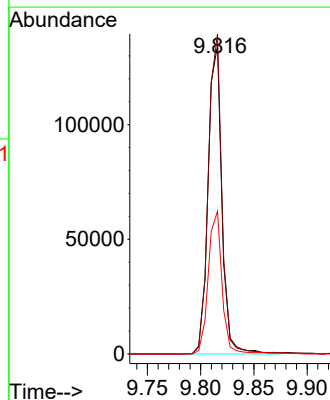
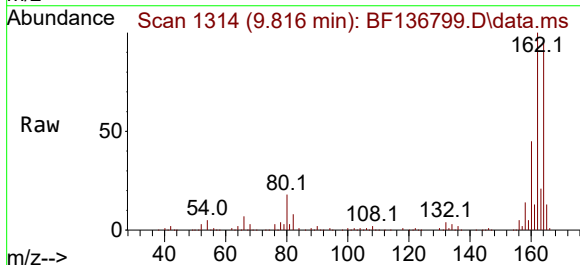
Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

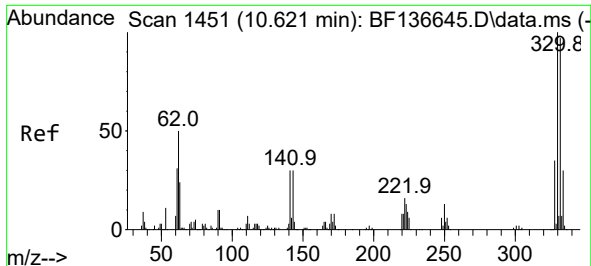
Tgt Ion: 82 Resp: 243273  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

Tgt Ion:164 Resp: 121478  
Ion Ratio Lower Upper  
164 100  
162 103.7 81.6 122.4  
160 46.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 23.597 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA\_F

ClientSampleId :

PIERS

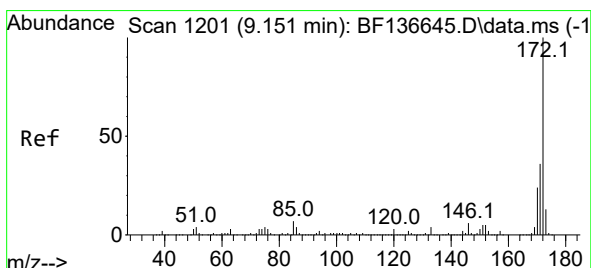
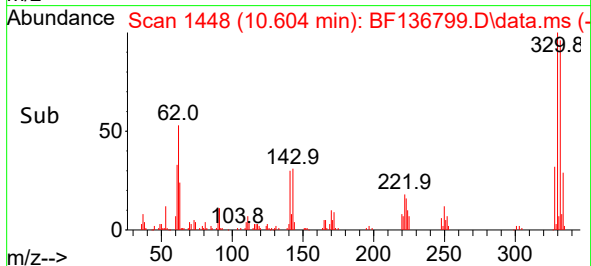
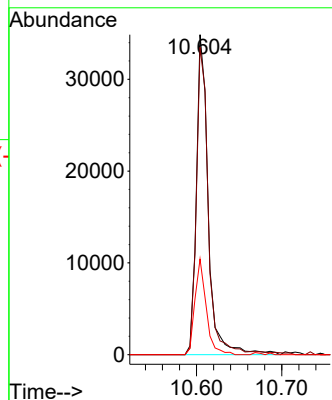
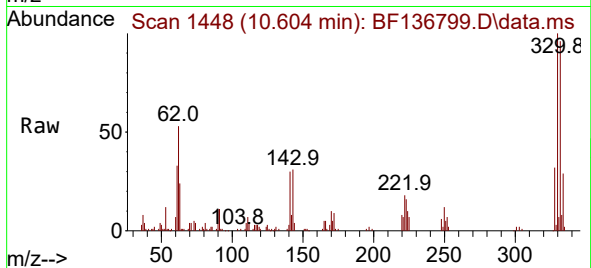
Tgt Ion:330 Resp: 33759

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 55.754 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

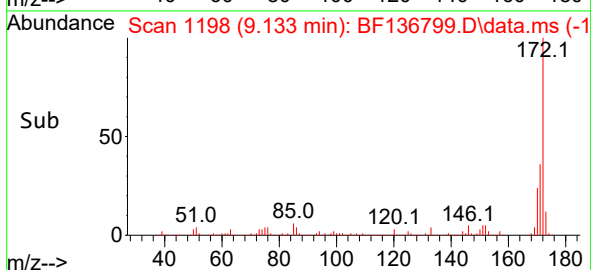
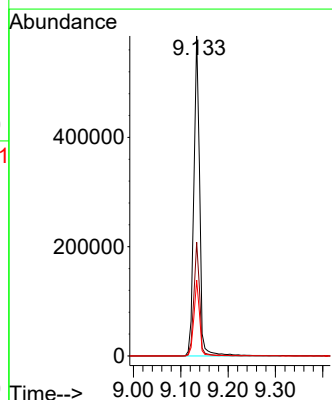
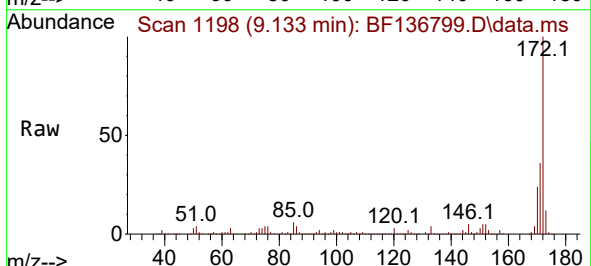
Tgt Ion:172 Resp: 503564

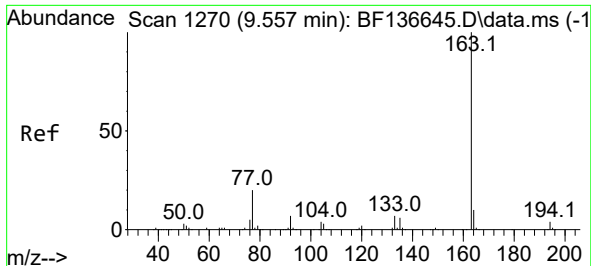
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.7 19.0 28.4

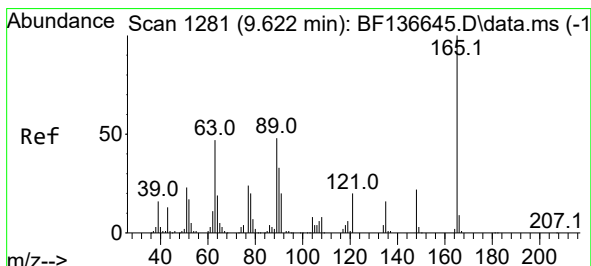
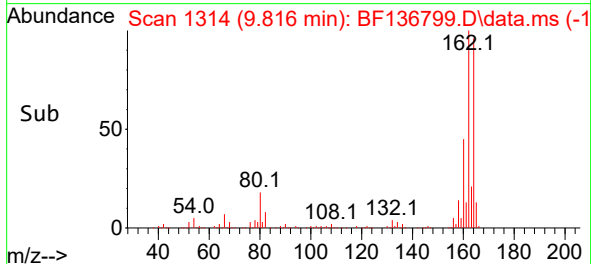
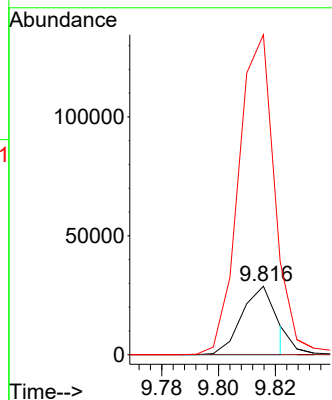
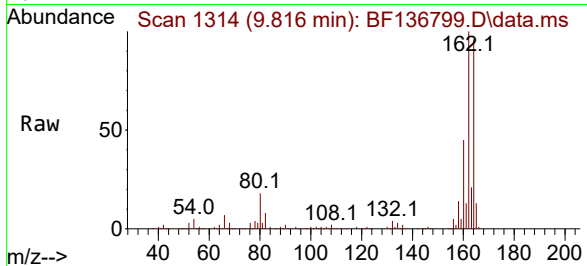




#50  
Dimethylphthalate  
Concen: 2.722 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

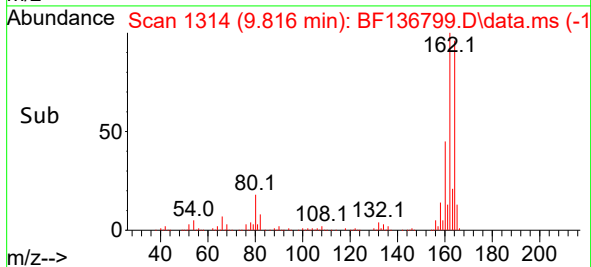
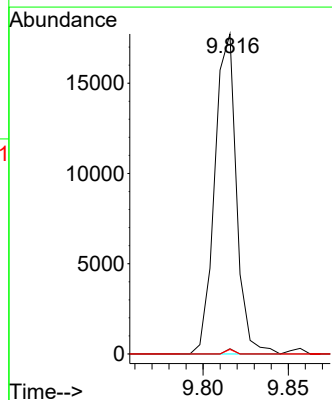
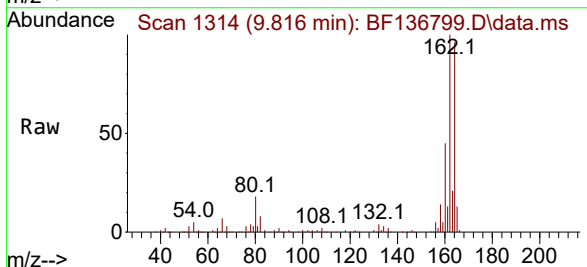
Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

Tgt Ion:163 Resp: 24152  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 467.5 7.8 11.6#

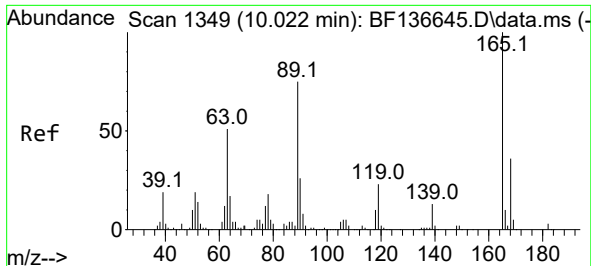


#51  
2,6-Dinitrotoluene  
Concen: 7.807 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

Tgt Ion:165 Resp: 15722  
Ion Ratio Lower Upper  
165 100  
63 1.7 39.8 59.6#  
89 1.4 38.8 58.2#



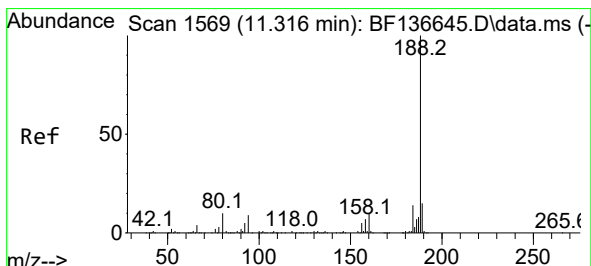
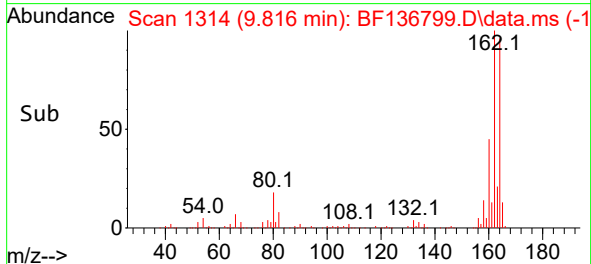
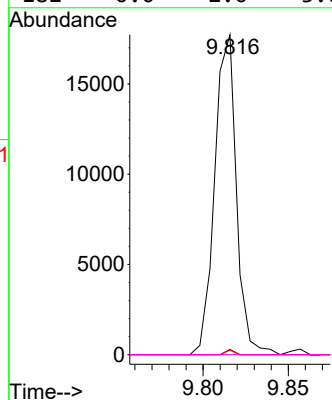
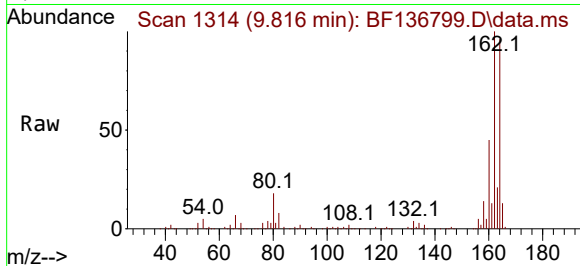




#57  
2,4-Dinitrotoluene  
Concen: 6.014 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

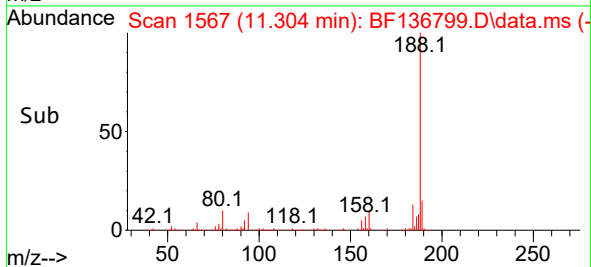
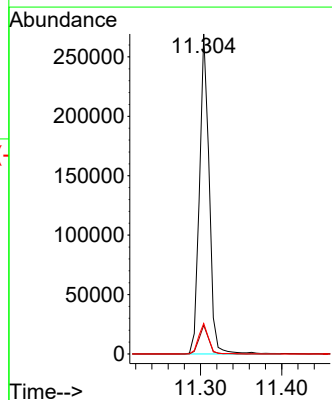
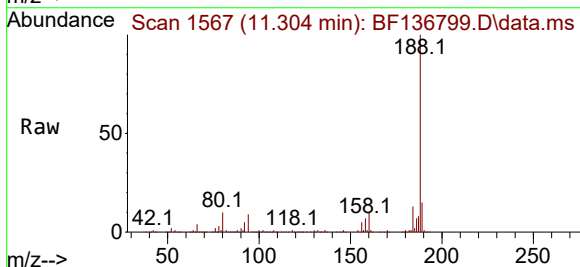
Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

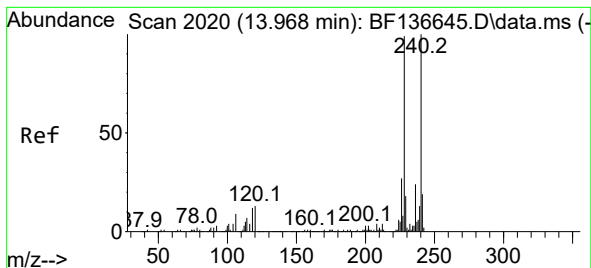
Tgt Ion:165 Resp: 15722  
Ion Ratio Lower Upper  
165 100  
63 1.7 41.0 61.6#  
89 1.4 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

Tgt Ion:188 Resp: 224456  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.5 11.3  
80 9.5 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA\_F

ClientSampleId :

PIERS

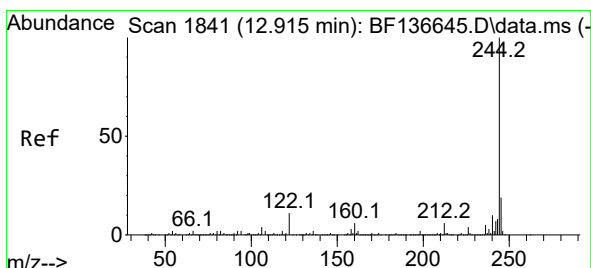
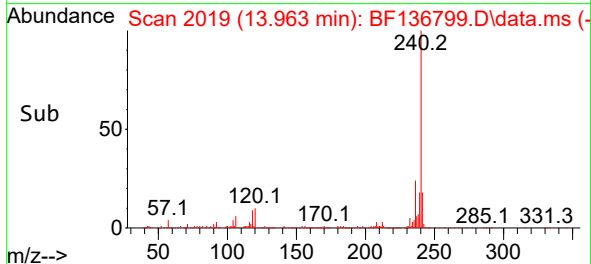
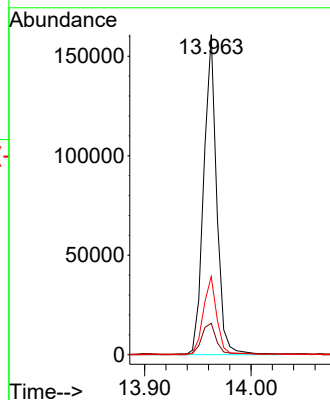
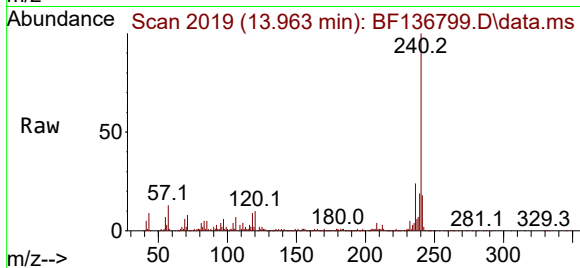
Tgt Ion:240 Resp: 136678

Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 24.4 19.4 29.2



#79

Terphenyl-d14

Concen: 49.231 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

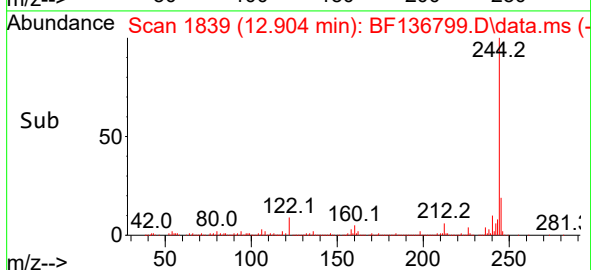
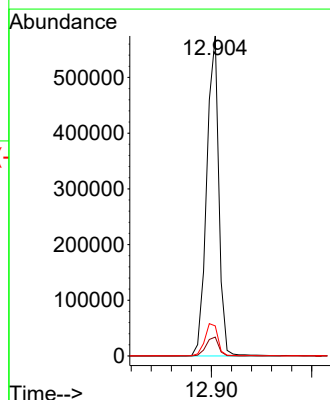
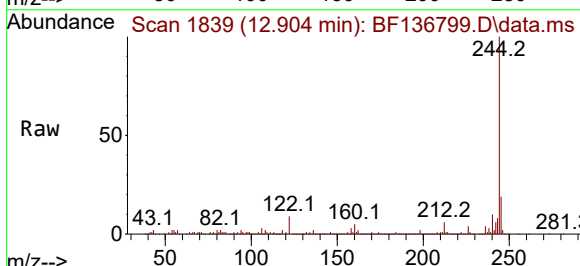
Tgt Ion:244 Resp: 481495

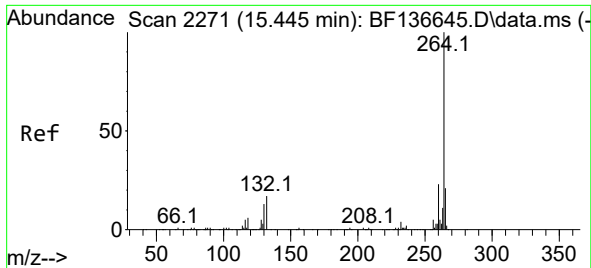
Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.4 9.0 13.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.439 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF136799.D  
Acq: 28 Dec 2023 18:16

Instrument :  
BNA\_F  
ClientSampleId :  
PIERS

Tgt Ion:264 Resp: 142911  
Ion Ratio Lower Upper  
264 100  
260 22.4 18.3 27.5  
265 20.3 17.0 25.6

