

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122623\  
 Data File : BF136714.D  
 Acq On : 26 Dec 2023 12:18  
 Operator : CG\JU  
 Sample : PB157895BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157895BL

Quant Time: Dec 26 12:41:19 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

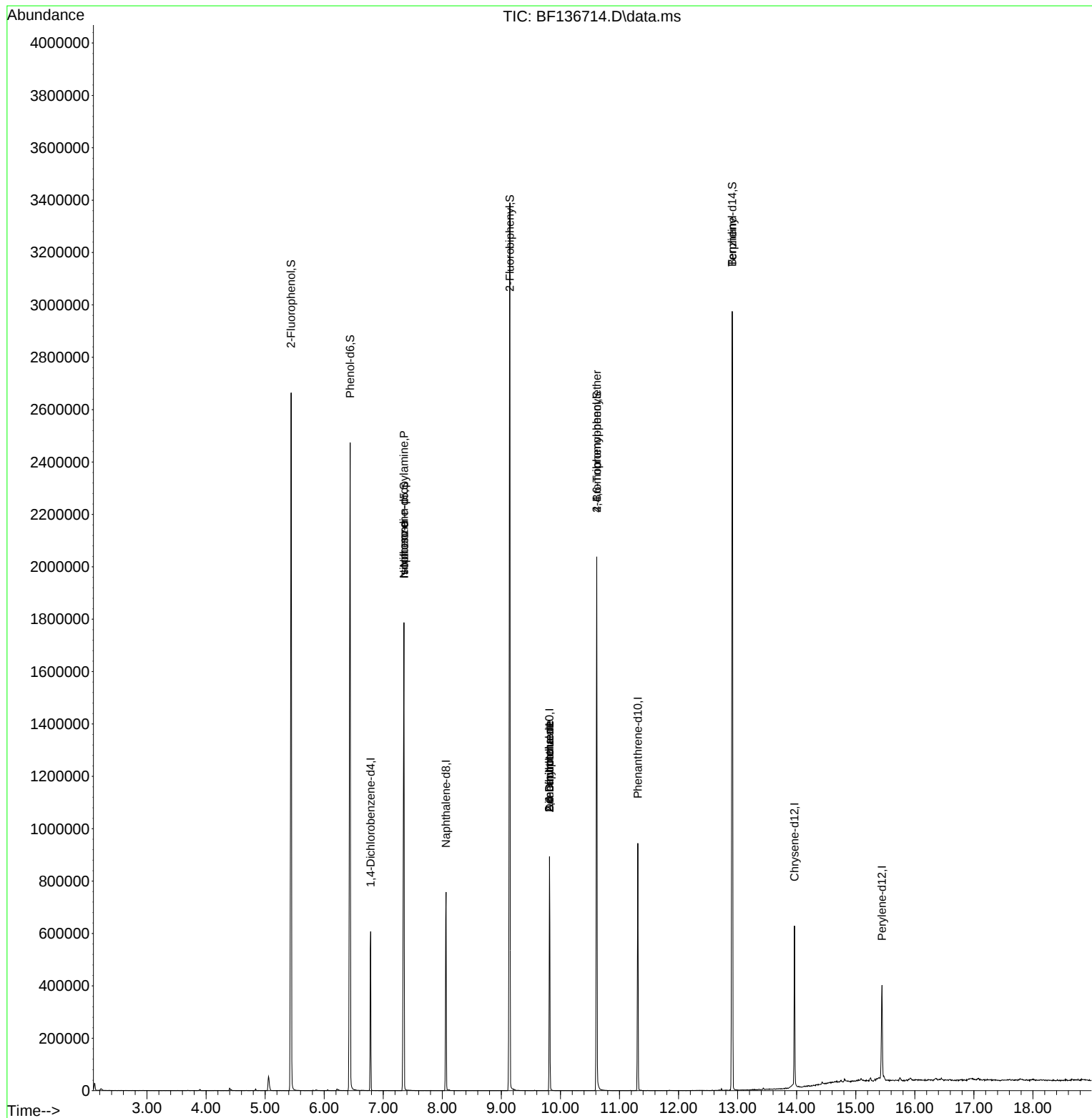
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 88234    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 343600   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.816  | 164  | 175318   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 326365   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.963 | 240  | 190565   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 174586   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 806798   | 142.670 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.440  | 99   | 986889   | 134.683 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 639672   | 95.264  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 268897   | 130.232 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1215436  | 93.244  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.910 | 244  | 1246088  | 91.379  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 85238    | 19.190  | ng    | # 74     |
| 25) Isophorone                | 7.351  | 82   | 634196   | 51.906  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 33210    | 2.593   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 22955    | 7.898   | ng    | # 30     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 22955    | 6.084   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.616 | 248  | 16080    | 4.436   | ng    | # 1      |
| 77) Benzidine                 | 12.910 | 184  | 13827    | 2.461   | ng    | # 91     |
| -----                         |        |      |          |         |       |          |

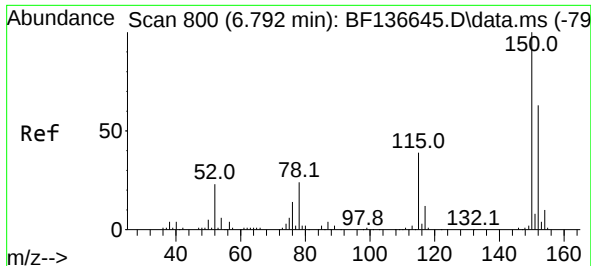
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122623\  
Data File : BF136714.D  
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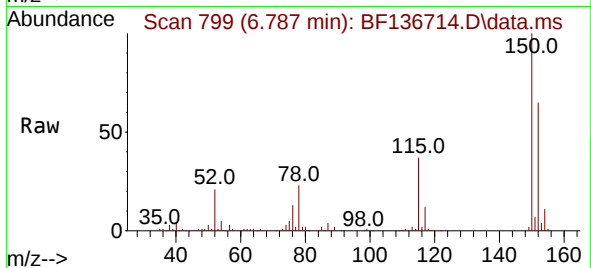
Quant Time: Dec 26 12:41:19 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration



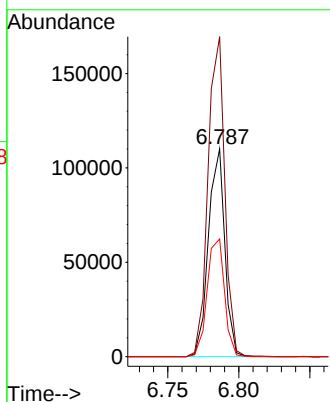
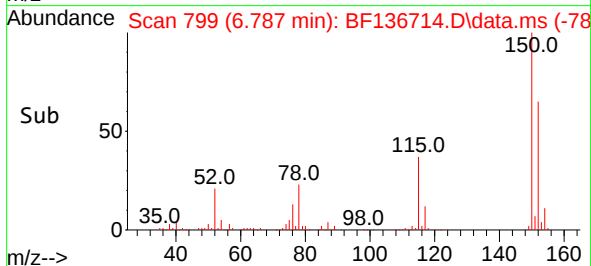


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

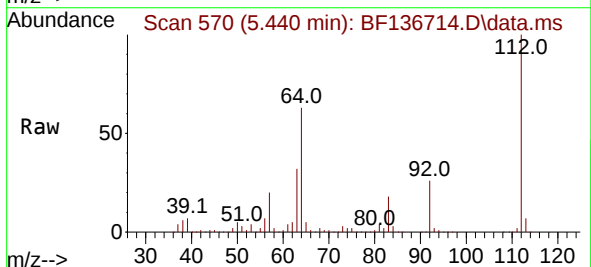
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BNA\_F  
ClientSampleId :  
PB157895BL



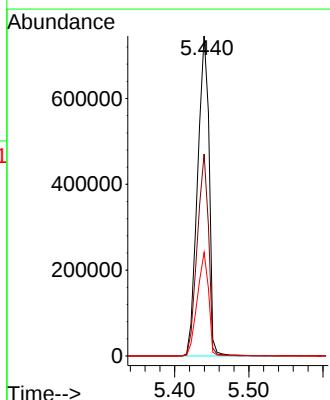
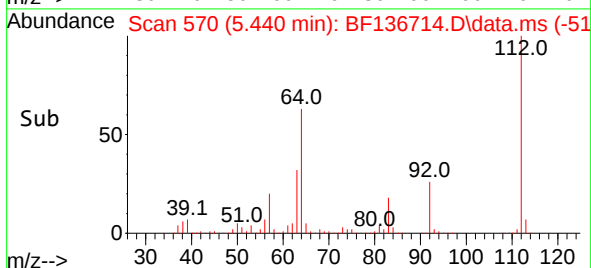
Tgt Ion:152 Resp: 88234  
Ion Ratio Lower Upper  
152 100  
150 153.9 127.0 190.6  
115 56.6 49.0 73.4

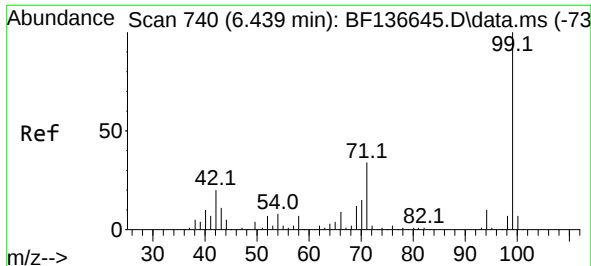


#5  
2-Fluorophenol  
Concen: 142.670 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18



Tgt Ion:112 Resp: 806798  
Ion Ratio Lower Upper  
112 100  
64 63.1 51.1 76.7  
63 32.4 26.1 39.1

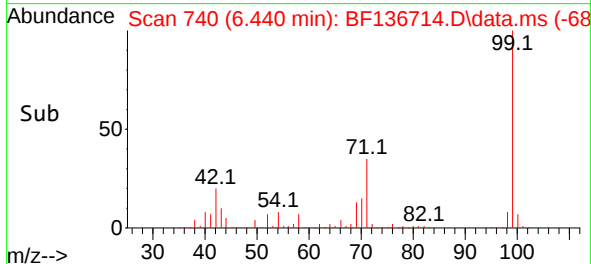
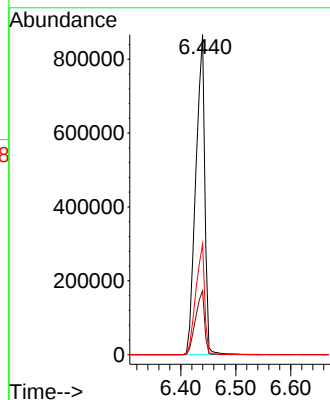
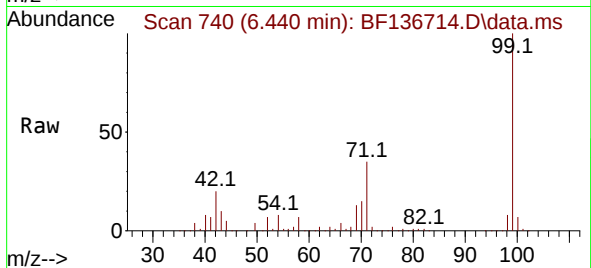




#7  
Phenol-d6  
Concen: 134.683 ng  
RT: 6.440 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

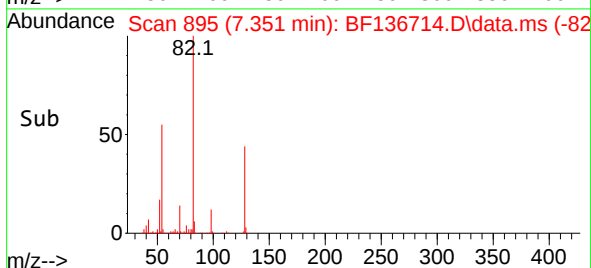
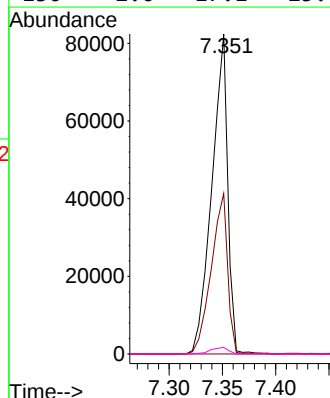
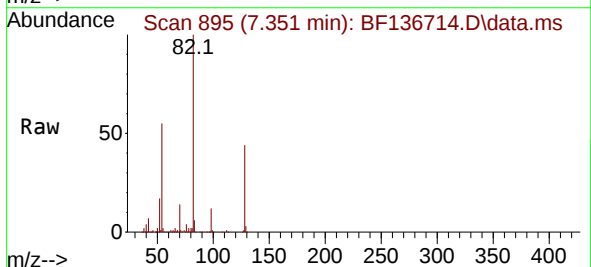
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

Tgt Ion: 99 Resp: 986889  
Ion Ratio Lower Upper  
99 100  
42 19.9 16.1 24.1  
71 34.6 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.190 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.141 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion: 70 Resp: 85238  
Ion Ratio Lower Upper  
70 100  
42 50.2 54.2 81.4#  
101 0.0 7.6 11.4#  
130 2.0 17.1 25.7#

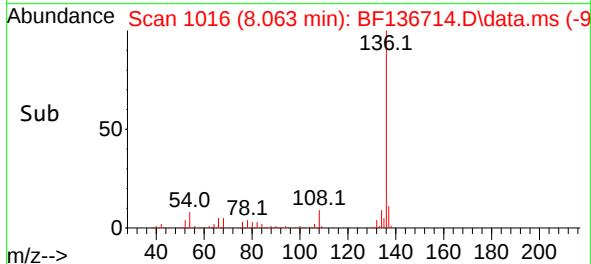
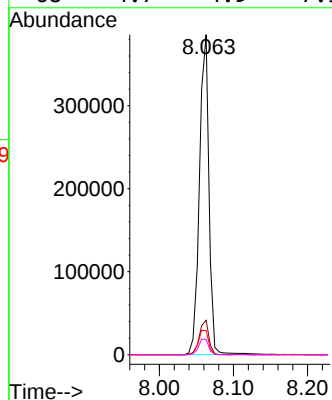
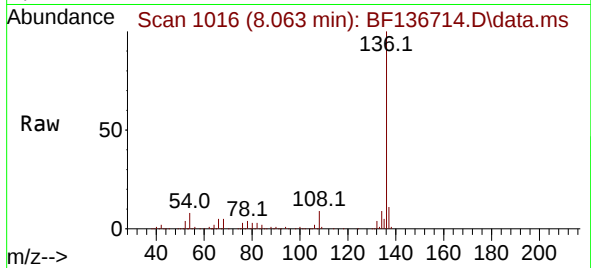




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

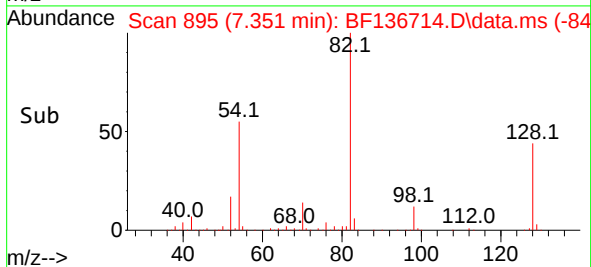
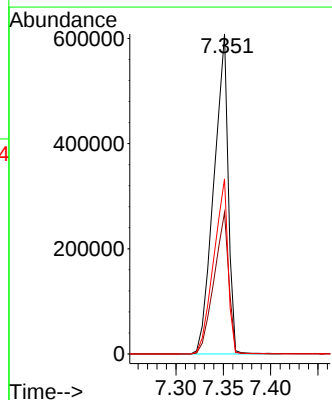
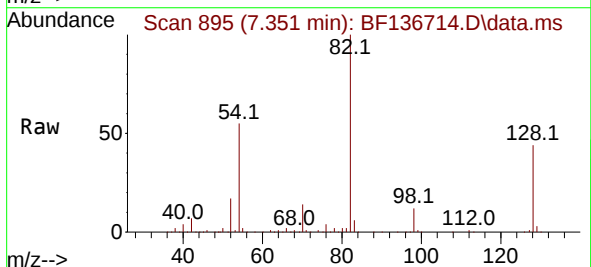
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

Tgt Ion:136 Resp: 343600  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 7.6 7.2 10.8  
68 4.7 4.9 7.3#



#23  
Nitrobenzene-d5  
Concen: 95.264 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion: 82 Resp: 639672  
Ion Ratio Lower Upper  
82 100  
128 44.2 35.3 52.9  
54 54.7 44.5 66.7

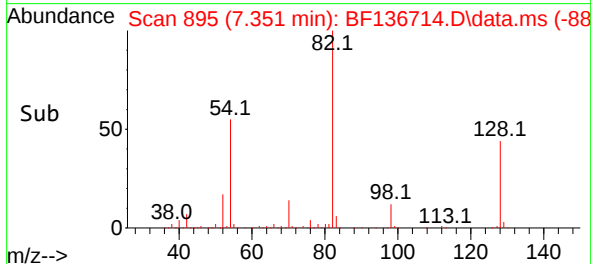
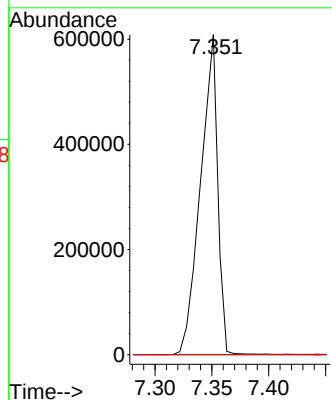
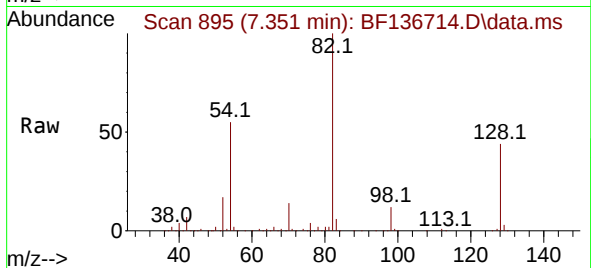




#25  
Isophorone  
Concen: 51.906 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.265 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

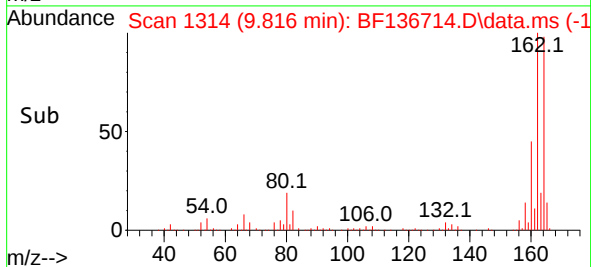
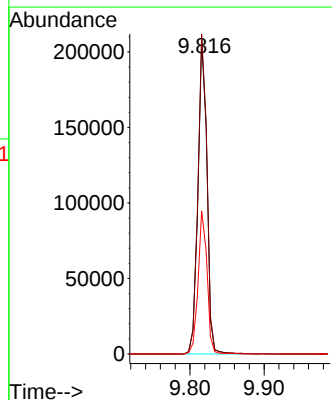
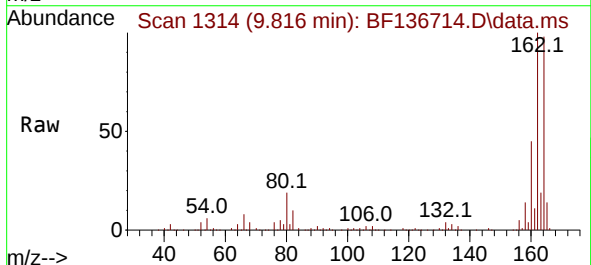
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

Tgt Ion: 82 Resp: 634196  
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: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:164 Resp: 175318  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.6 122.4  
160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 130.232 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136714.D

Acq: 26 Dec 2023 12:18

Instrument :

BNA\_F

ClientSampleId :

PB157895BL

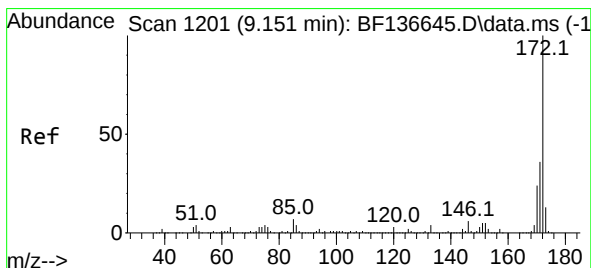
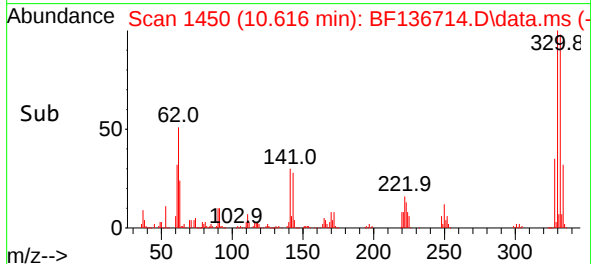
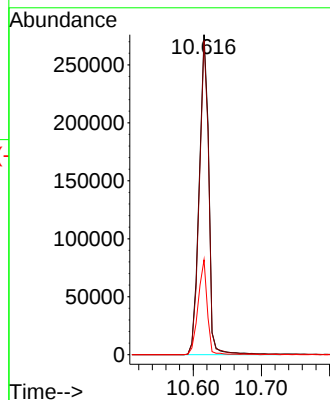
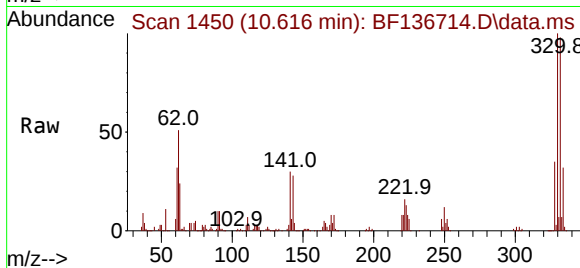
Tgt Ion:330 Resp: 268897

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.244 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136714.D

Acq: 26 Dec 2023 12:18

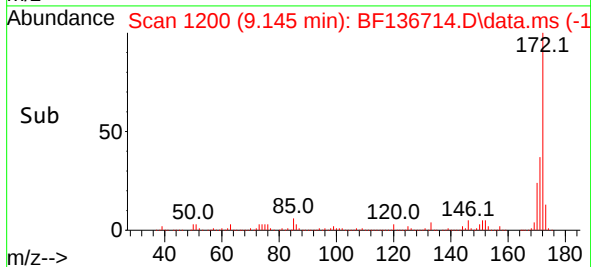
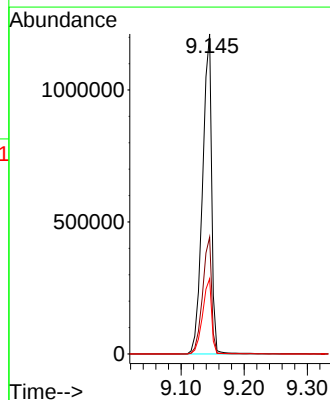
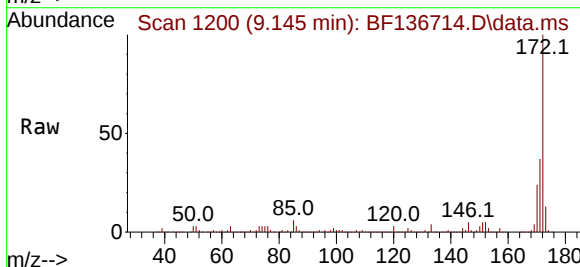
Tgt Ion:172 Resp: 1215436

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.5 19.0 28.4

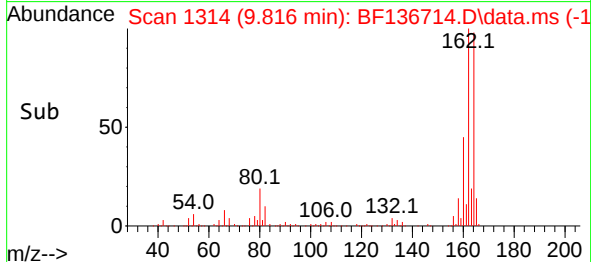
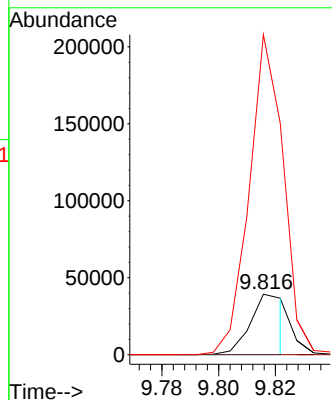
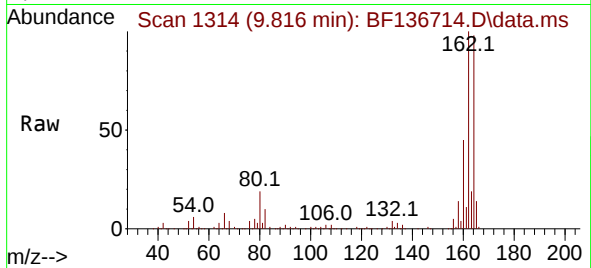




#50  
Dimethylphthalate  
Concen: 2.593 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

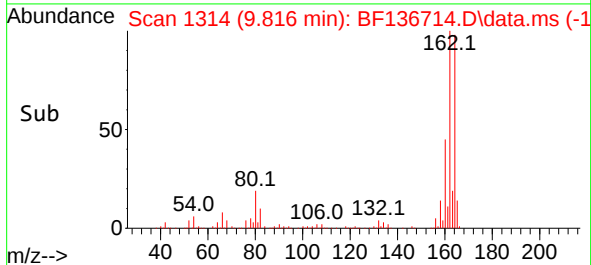
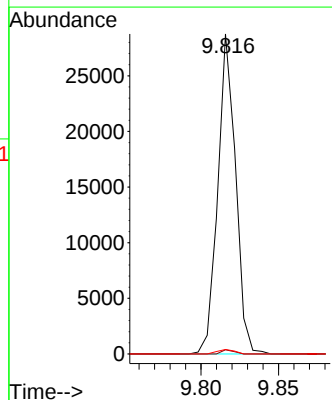
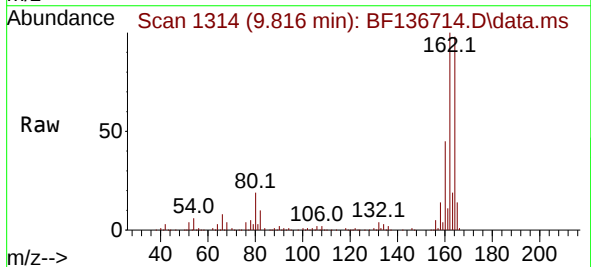
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

Tgt Ion:163 Resp: 33210  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 528.4 7.8 11.6#



#51  
2,6-Dinitrotoluene  
Concen: 7.898 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:165 Resp: 22955  
Ion Ratio Lower Upper  
165 100  
63 1.3 39.8 59.6#  
89 1.4 38.8 58.2#

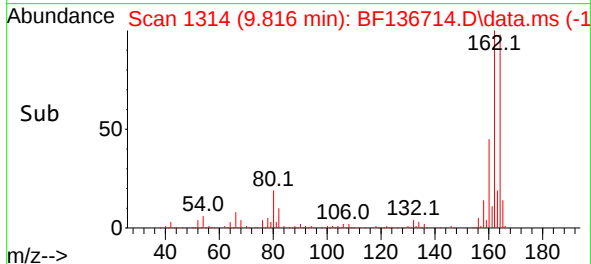
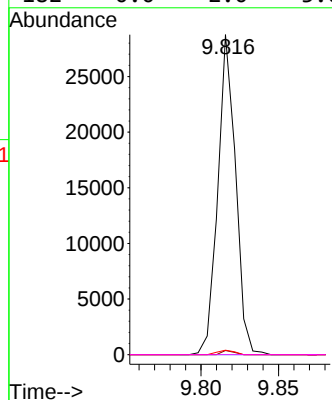
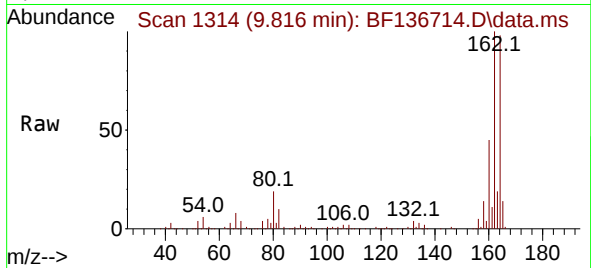




#57  
2,4-Dinitrotoluene  
Concen: 6.084 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

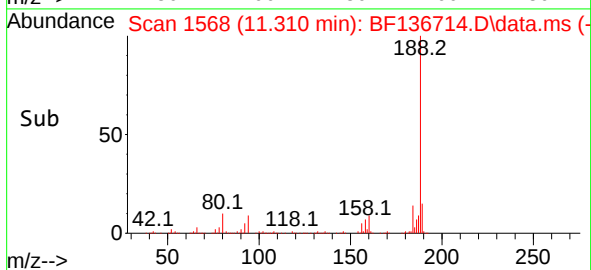
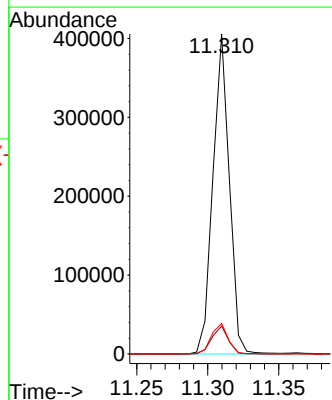
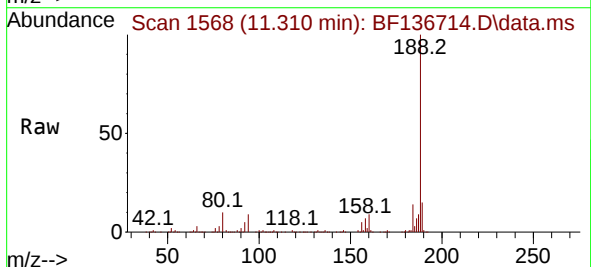
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

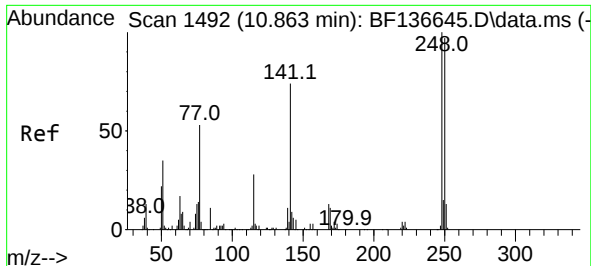
Tgt Ion:165 Resp: 22955  
Ion Ratio Lower Upper  
165 100  
63 1.3 41.0 61.6#  
89 1.4 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:188 Resp: 326365  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.5 11.3  
80 9.6 8.1 12.1

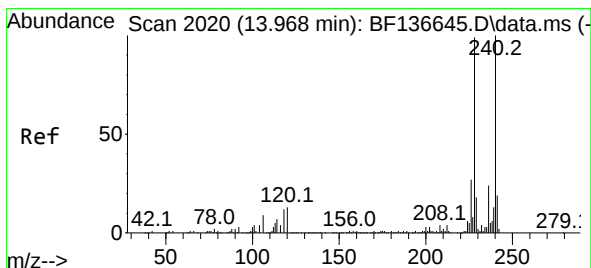
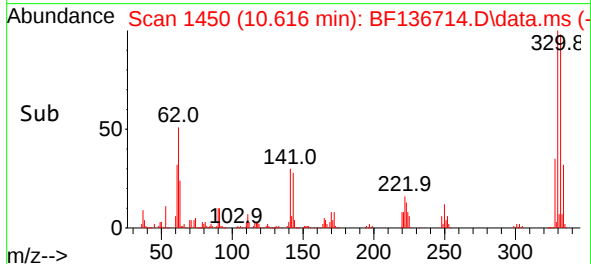
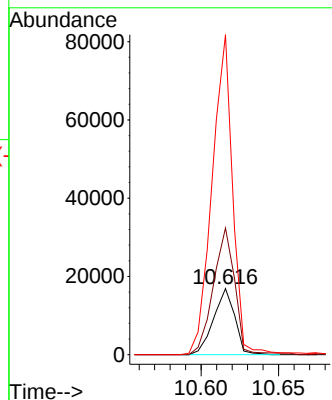
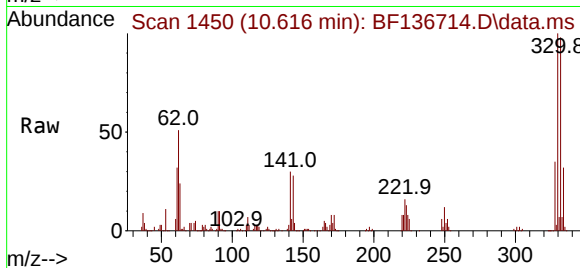




#67  
4-Bromophenyl-phenylether  
Concen: 4.436 ng  
RT: 10.616 min Scan# 1492  
Delta R.T. -0.247 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

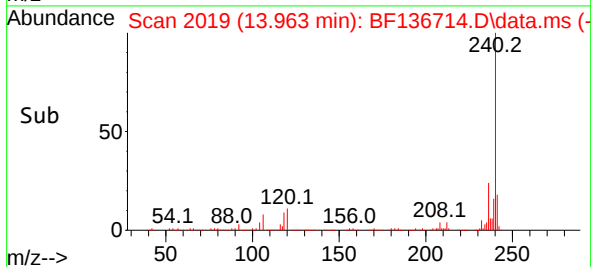
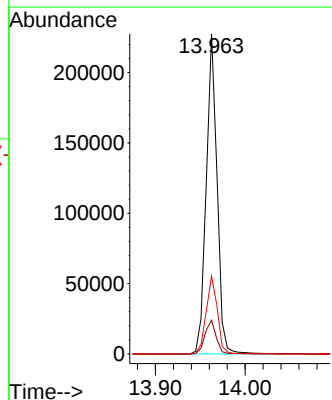
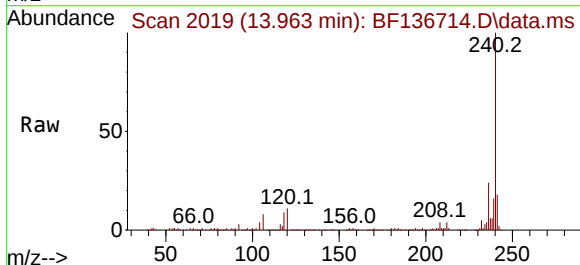
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

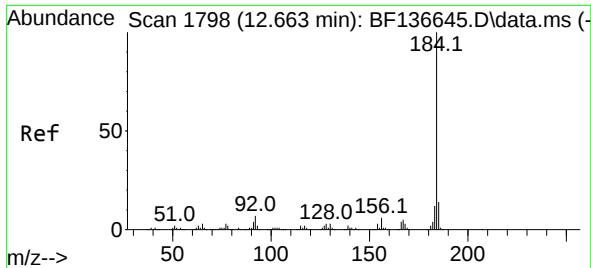
Tgt Ion:248 Resp: 16080  
Ion Ratio Lower Upper  
248 100  
250 191.7 77.8 116.6#  
141 484.3 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:240 Resp: 190565  
Ion Ratio Lower Upper  
240 100  
120 10.6 10.3 15.5  
236 24.3 19.4 29.2

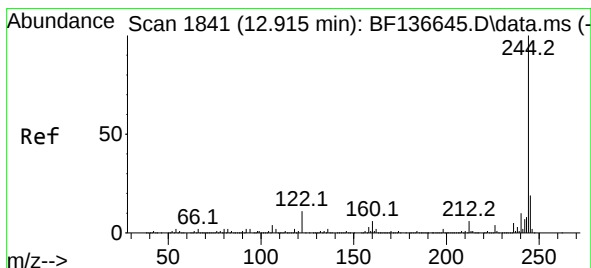
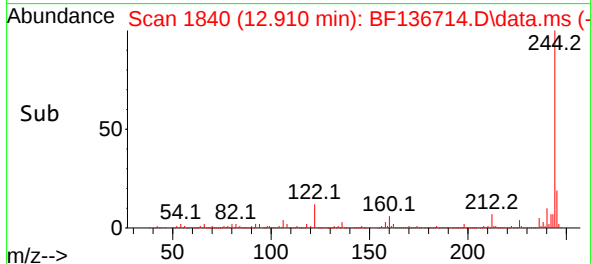
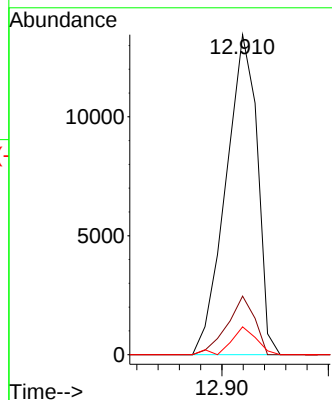
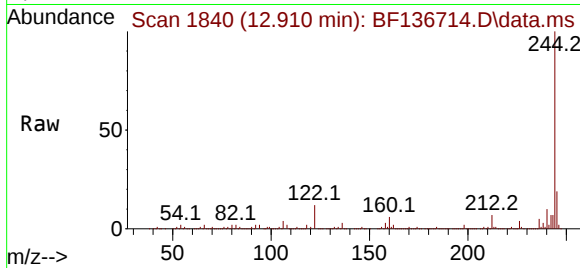




#77  
Benzidine  
Concen: 2.461 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. 0.247 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

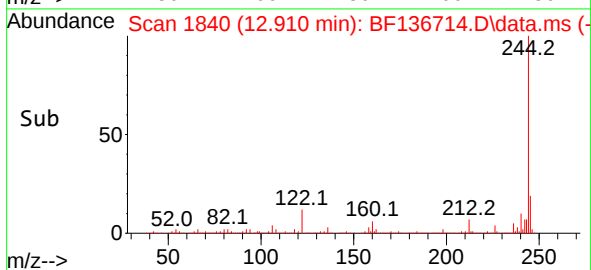
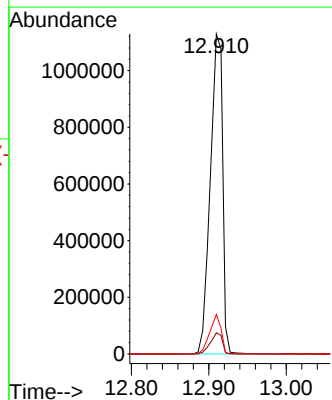
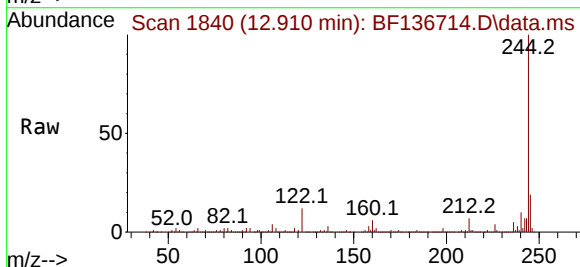
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

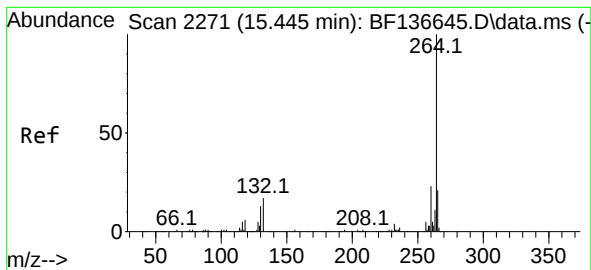
Tgt Ion:184 Resp: 13827  
Ion Ratio Lower Upper  
184 100  
185 18.3 11.2 16.8#  
183 8.7 9.3 13.9#



#79  
Terphenyl-d14  
Concen: 91.379 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:244 Resp: 1246088  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.0 7.4  
122 12.3 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: BF136714.D  
Acq: 26 Dec 2023 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

Tgt Ion:264 Resp: 174586  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.3  | 27.5  |
| 265 | 20.2  | 17.0  | 25.6  |

