

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092925\  
 Data File : BN037938.D  
 Acq On : 29 Sep 2025 16:57  
 Operator : RC/JU  
 Sample : Q3156-05DL 2X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D2-20250918DL

Quant Time: Sep 29 17:21:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

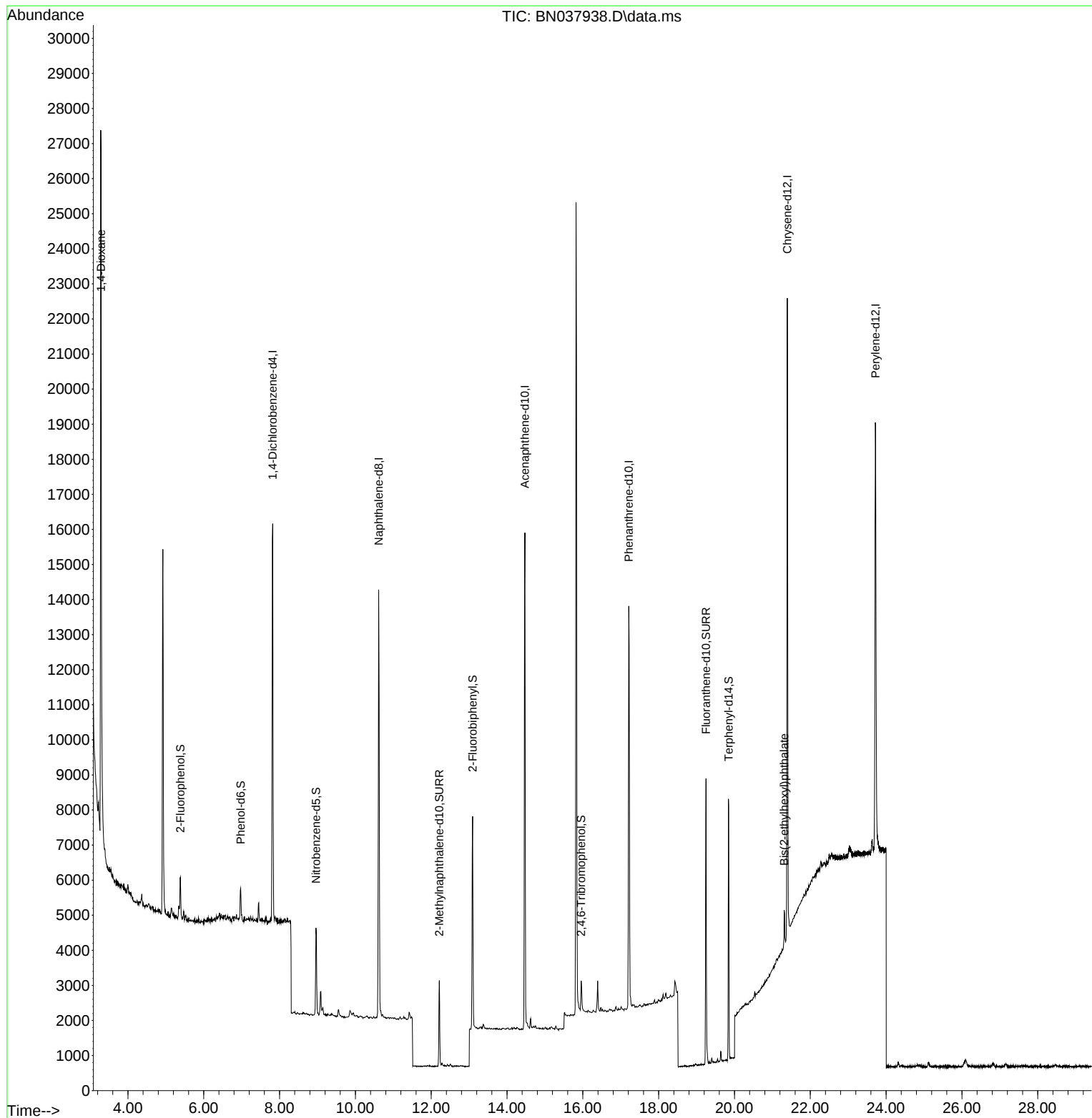
| Compound                      | R.T.   | QIon | Response | Conc Units | Dev(Min) |
|-------------------------------|--------|------|----------|------------|----------|
| Internal Standards            |        |      |          |            |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 5575     | 0.400 ng   | 0.00     |
| 7) Naphthalene-d8             | 10.616 | 136  | 16174    | 0.400 ng   | #-0.01   |
| 13) Acenaphthene-d10          | 14.473 | 164  | 8394     | 0.400 ng   | 0.00     |
| 19) Phenanthrene-d10          | 17.211 | 188  | 17604    | 0.400 ng   | #-0.01   |
| 29) Chrysene-d12              | 21.393 | 240  | 16611    | 0.400 ng   | # 0.00   |
| 35) Perylene-d12              | 23.718 | 264  | 17857    | 0.400 ng   | 0.00     |
| System Monitoring Compounds   |        |      |          |            |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 1037     | 0.082 ng   | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 839      | 0.050 ng   | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 2083     | 0.169 ng   | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.212 | 152  | 3413     | 0.152 ng   | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 570      | 0.179 ng   | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 5598     | 0.163 ng   | 0.00     |
| 27) Fluoranthene-d10          | 19.248 | 212  | 8829     | 0.199 ng   | 0.00     |
| 31) Terphenyl-d14             | 19.847 | 244  | 6901     | 0.209 ng   | 0.00     |
| Target Compounds              |        |      |          |            |          |
| 2) 1,4-Dioxane                | 3.290  | 88   | 15688    | 2.772 ng   | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 1227     | 0.053 ng   | # 98     |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092925\  
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Sample : Q3156-05DL 2X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20250918DL

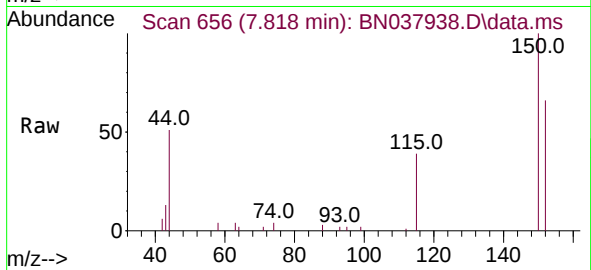
Quant Time: Sep 29 17:21:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration



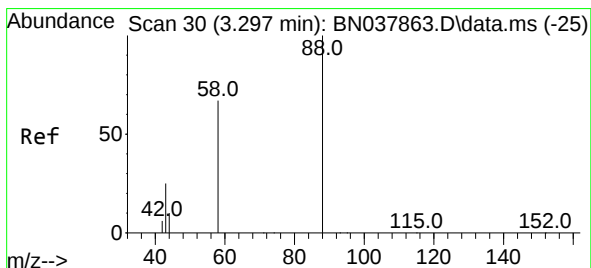
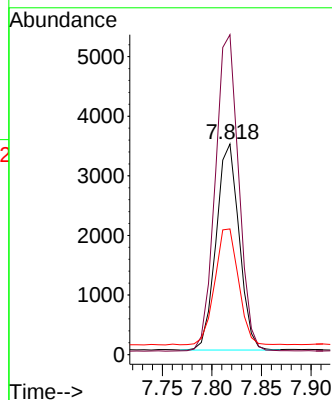
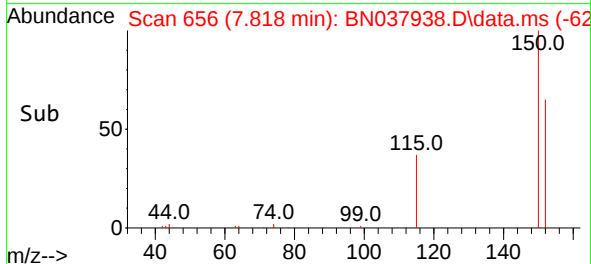


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037938.D  
 Acq: 29 Sep 2025 16:57

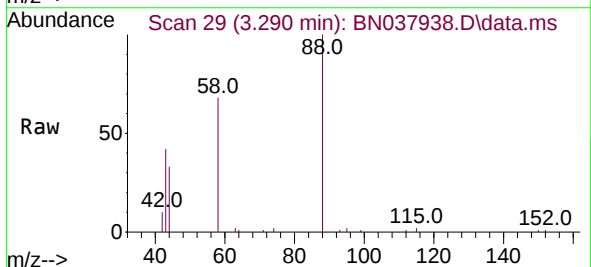
Instrument :  
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 ClientSampleId :  
 RE132D2-20250918DL



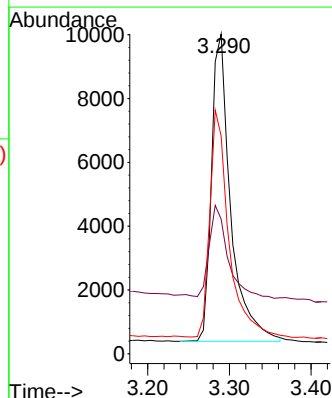
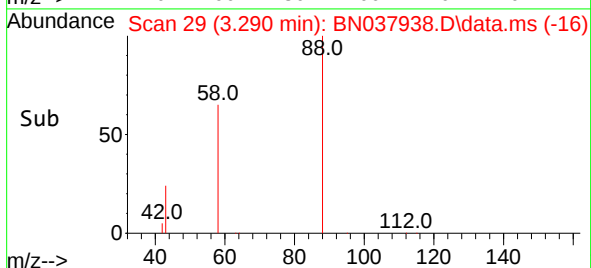
Tgt Ion:152 Resp: 5575  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 121.0 181.4  
 115 59.7 47.4 71.0

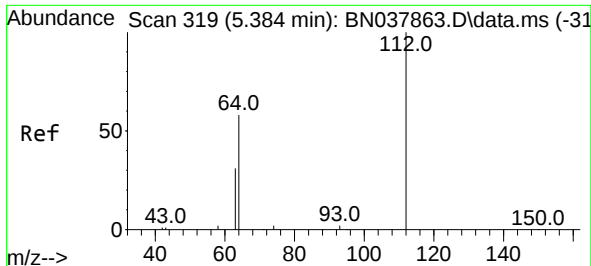


#2  
 1,4-Dioxane  
 Concen: 2.772 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN037938.D  
 Acq: 29 Sep 2025 16:57



Tgt Ion: 88 Resp: 15688  
 Ion Ratio Lower Upper  
 88 100  
 43 29.7 26.6 39.8  
 58 73.0 58.9 88.3

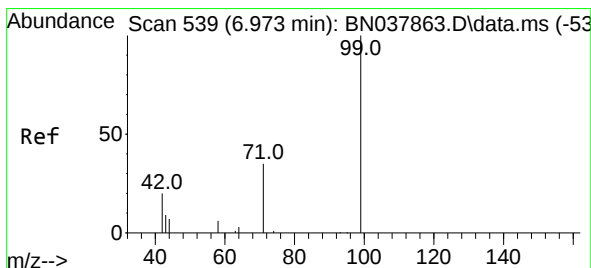
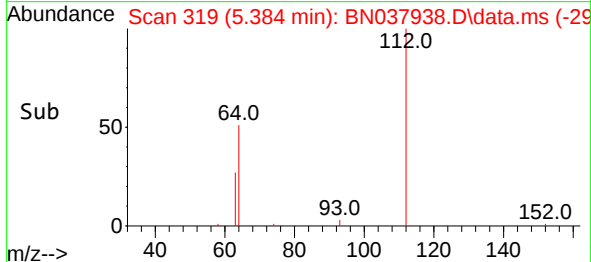
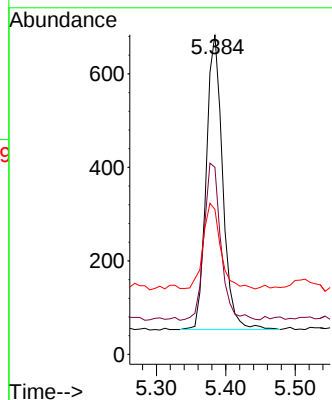
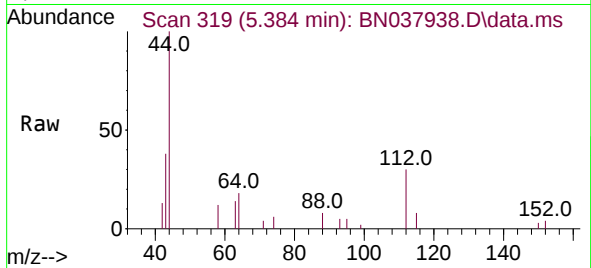




#4  
2-Fluorophenol  
Concen: 0.082 ng  
RT: 5.384 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

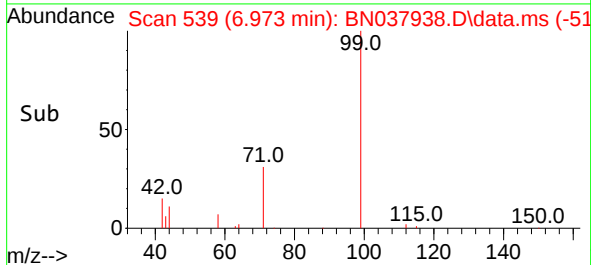
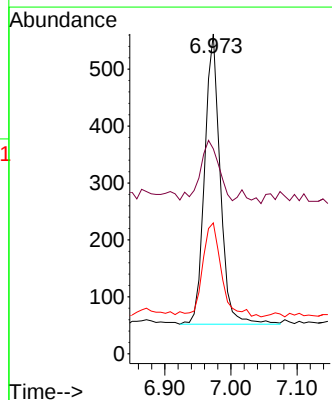
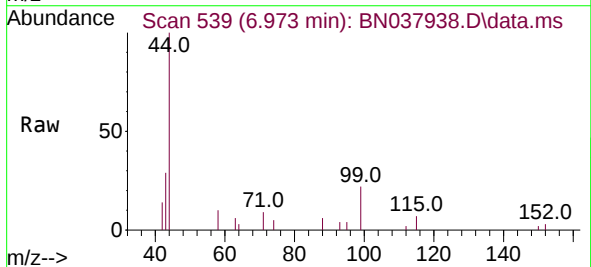
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20250918DL

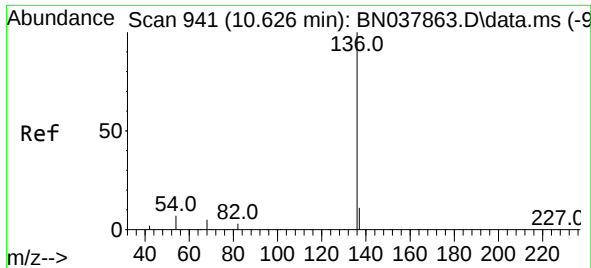
Tgt Ion: 112 Resp: 1037  
Ion Ratio Lower Upper  
112 100  
64 54.7 44.6 66.8  
63 32.0 24.9 37.3



#5  
Phenol-d6  
Concen: 0.050 ng  
RT: 6.973 min Scan# 539  
Delta R.T. -0.000 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

Tgt Ion: 99 Resp: 839  
Ion Ratio Lower Upper  
99 100  
42 24.4 17.2 25.8  
71 38.6 27.3 40.9

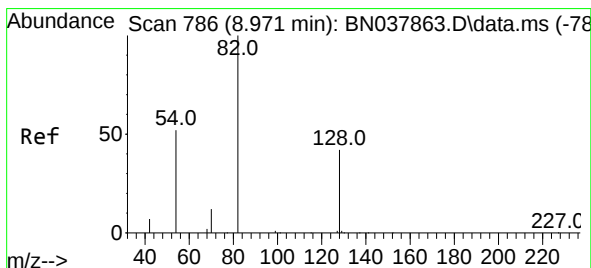
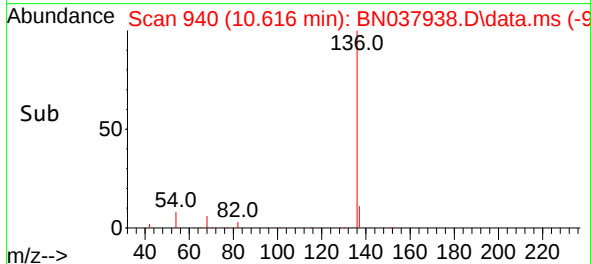
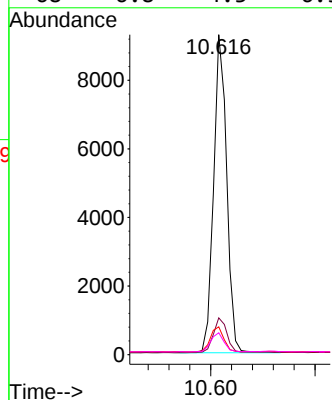
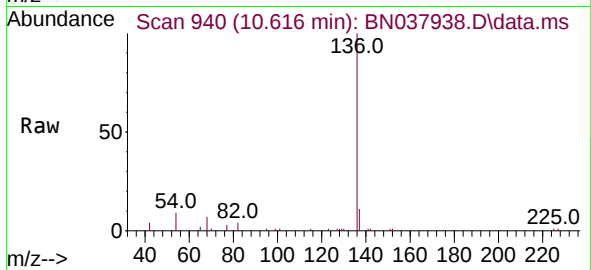




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.616 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

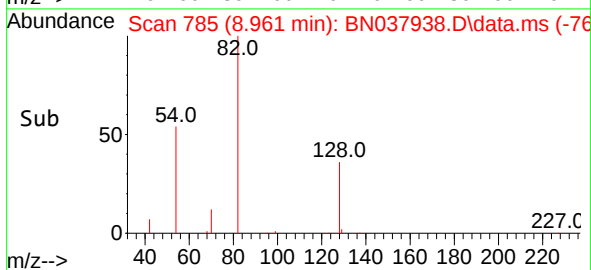
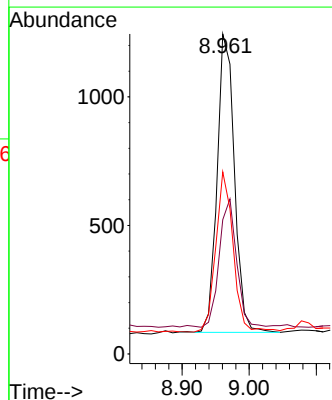
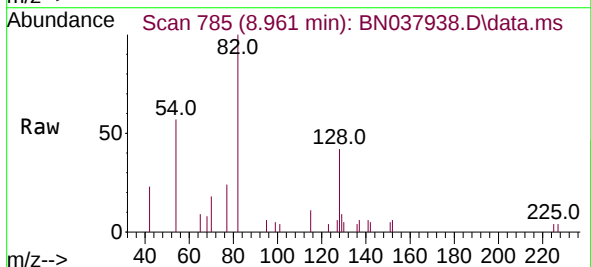
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20250918DL

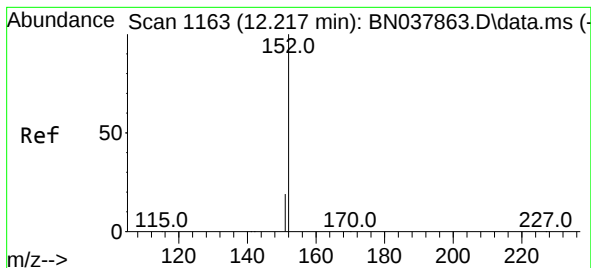
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 16174    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.0 13.4 |
| 54          | 8.7   | 5.8 8.8  |
| 68          | 6.8   | 4.3 6.5  |



#8  
Nitrobenzene-d5  
Concen: 0.169 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 2083      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.9  | 34.8 52.2 |
| 54          | 56.9  | 42.2 63.2 |

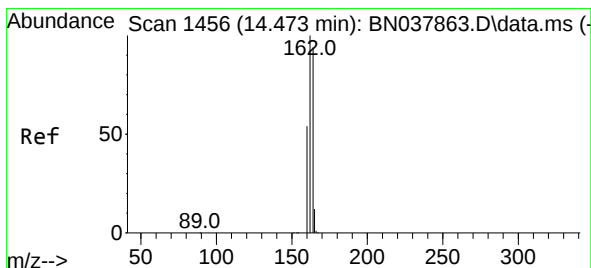
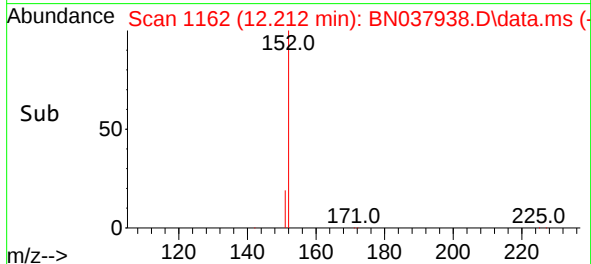
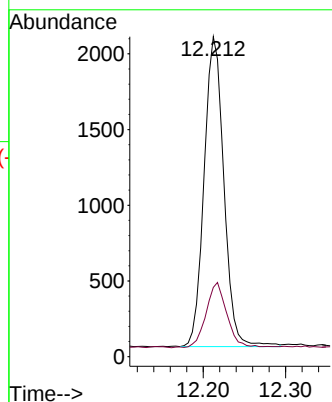
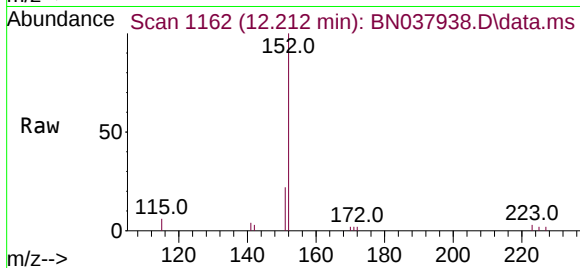




#11  
2-Methylnaphthalene-d10  
Concen: 0.152 ng  
RT: 12.212 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

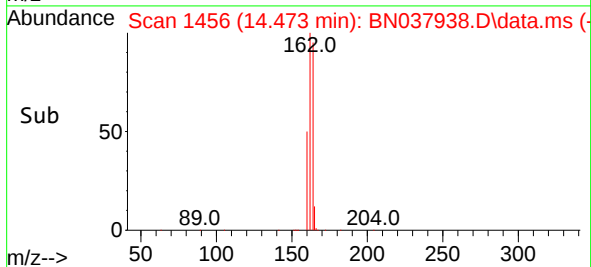
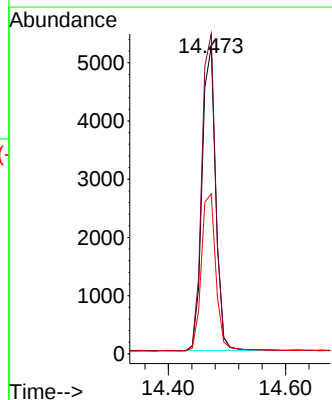
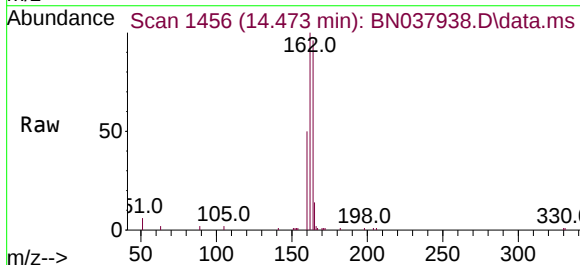
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20250918DL

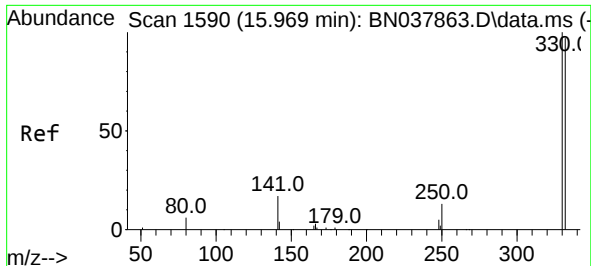
Tgt Ion:152 Resp: 3413  
Ion Ratio Lower Upper  
152 100  
151 22.2 17.4 26.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.473 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

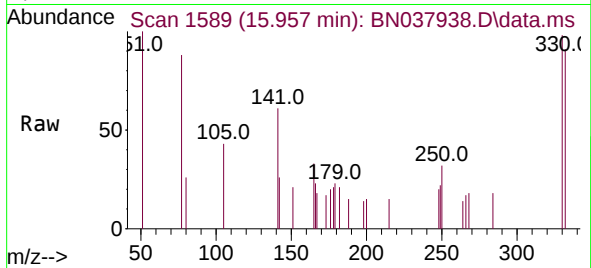
Tgt Ion:164 Resp: 8394  
Ion Ratio Lower Upper  
164 100  
162 104.2 84.8 127.2  
160 52.1 46.1 69.1



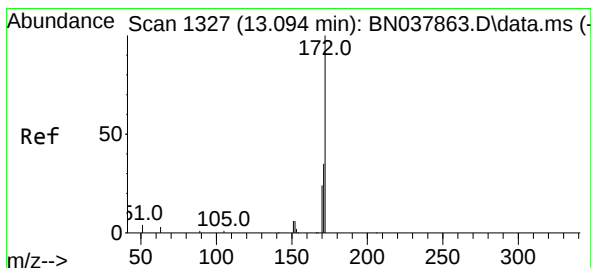
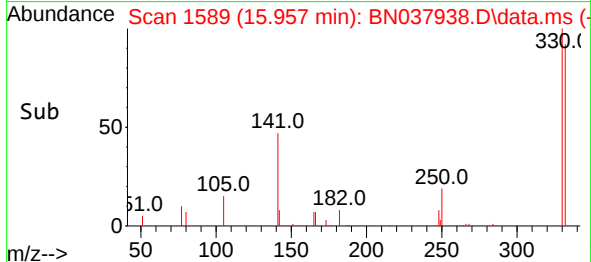
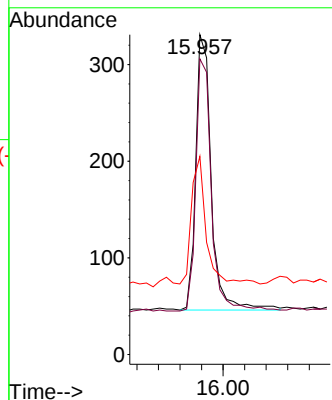


#14  
2,4,6-Tribromophenol  
Concen: 0.179 ng  
RT: 15.957 min Scan# 1589  
Delta R.T. -0.012 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20250918DL

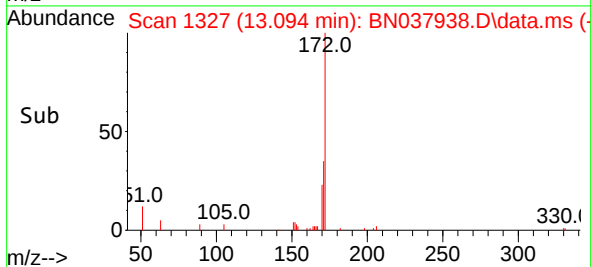
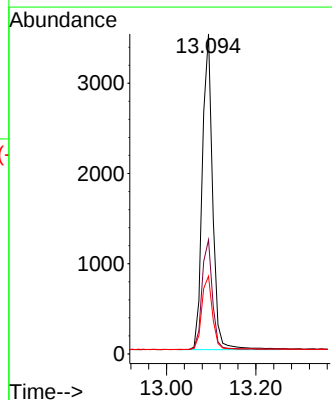
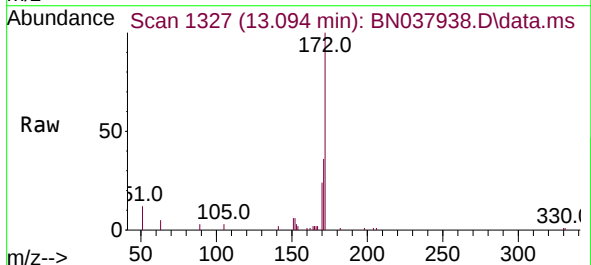


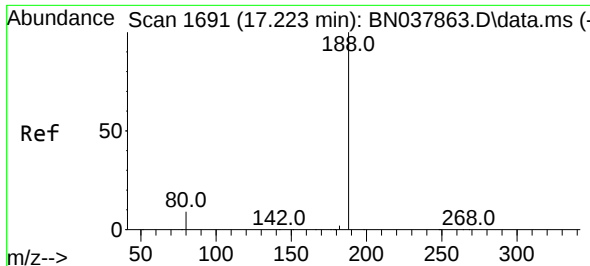
Tgt Ion:330 Resp: 570  
Ion Ratio Lower Upper  
330 100  
332 91.4 77.2 115.8  
141 43.3 37.2 55.8



#15  
2-Fluorobiphenyl  
Concen: 0.163 ng  
RT: 13.094 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

Tgt Ion:172 Resp: 5598  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 43.0  
170 24.3 19.7 29.5

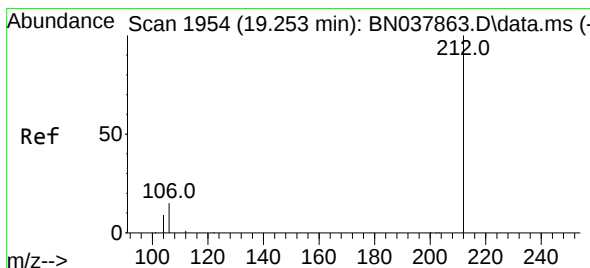
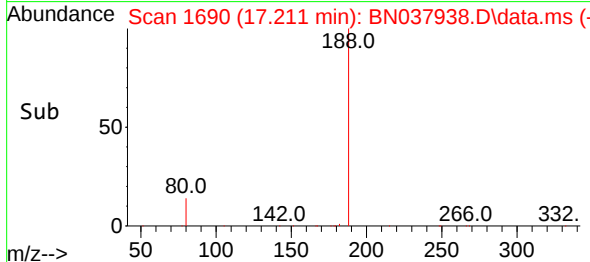
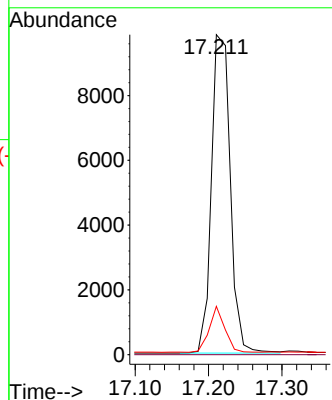
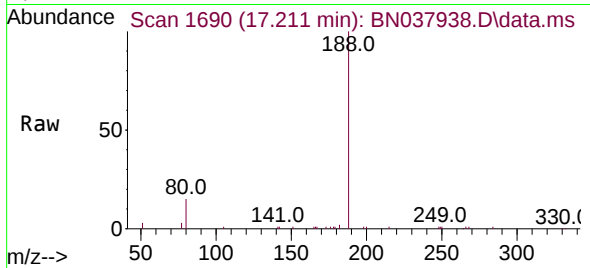




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.211 min Scan# 1690  
Delta R.T. -0.013 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

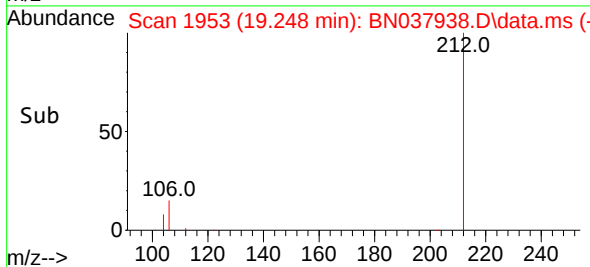
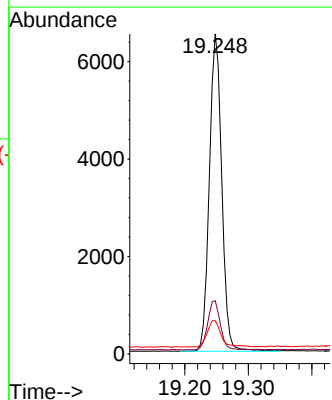
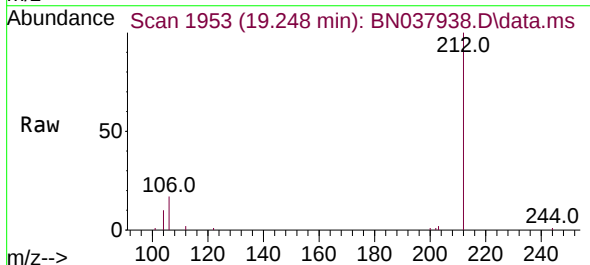
Instrument :  
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ClientSampleId :  
RE132D2-20250918DL

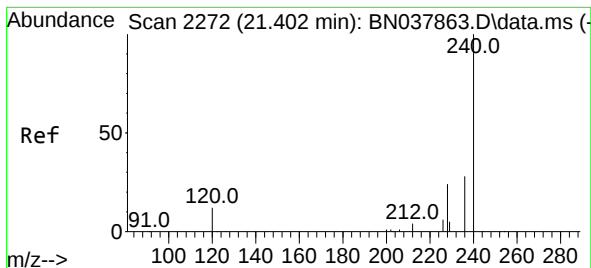
Tgt Ion:188 Resp: 17604  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 7.6 11.4#



#27  
Fluoranthene-d10  
Concen: 0.199 ng  
RT: 19.248 min Scan# 1953  
Delta R.T. -0.005 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

Tgt Ion:212 Resp: 8829  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 8.9 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037938.D

Acq: 29 Sep 2025 16:57

Instrument :

BNA\_N

ClientSampleId :

RE132D2-20250918DL

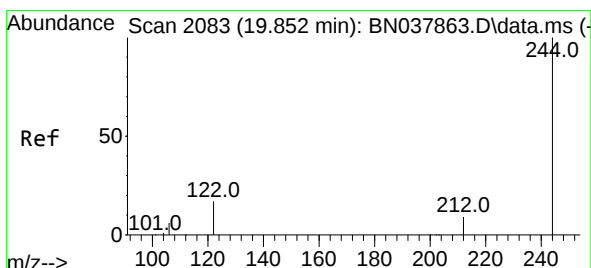
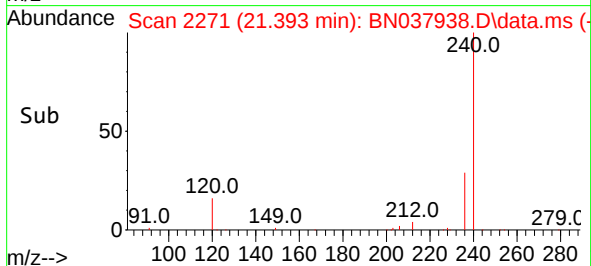
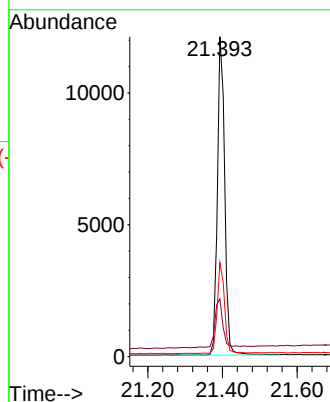
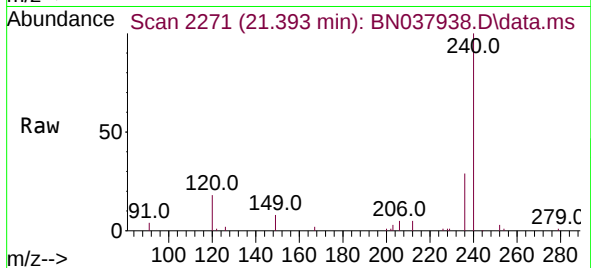
Tgt Ion:240 Resp: 16611

Ion Ratio Lower Upper

240 100

120 18.0 11.4 17.2#

236 29.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.209 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN037938.D

Acq: 29 Sep 2025 16:57

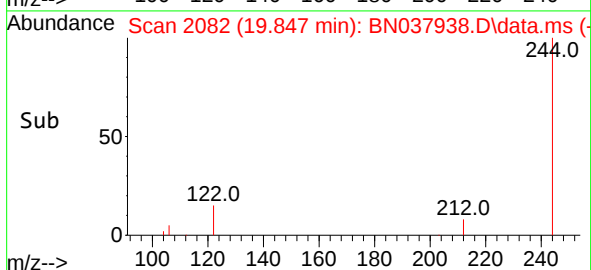
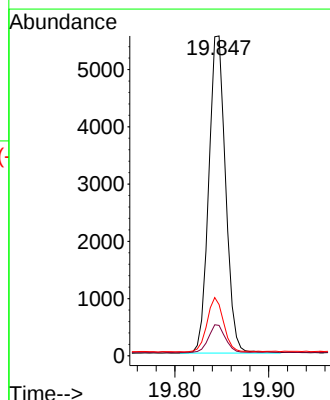
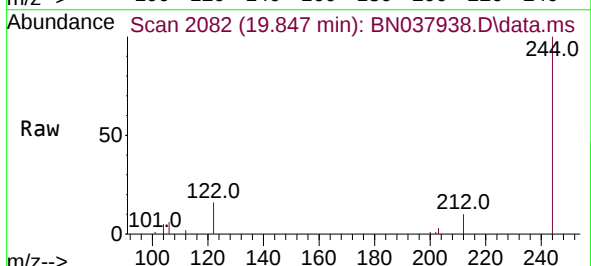
Tgt Ion:244 Resp: 6901

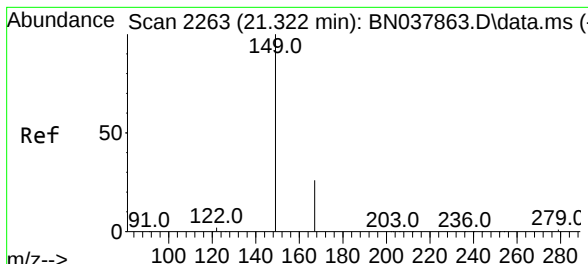
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 16.0 13.9 20.9

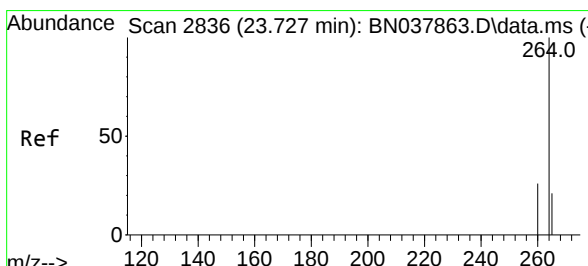
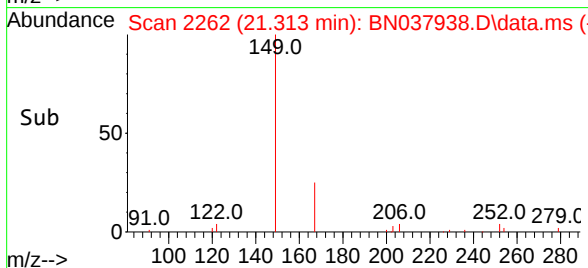
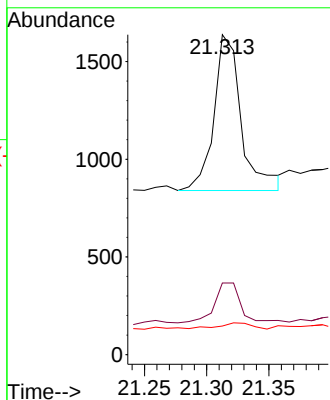
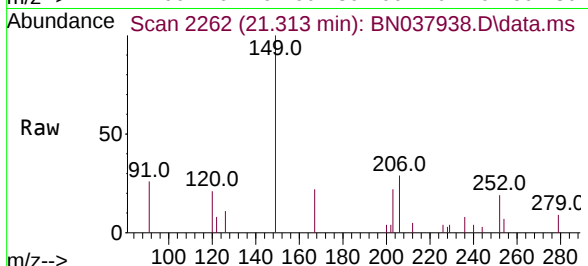




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.053 ng  
RT: 21.313 min Scan# 211  
Delta R.T. -0.009 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20250918DL

Tgt Ion:149 Resp: 1227  
Ion Ratio Lower Upper  
149 100  
167 24.5 20.4 30.6  
279 4.6 2.4 3.6#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.718 min Scan# 2833  
Delta R.T. -0.009 min  
Lab File: BN037938.D  
Acq: 29 Sep 2025 16:57

Tgt Ion:264 Resp: 17857  
Ion Ratio Lower Upper  
264 100  
260 27.1 21.5 32.3  
265 74.8 53.8 80.6

