

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093025\  
 Data File : BN037957.D  
 Acq On : 30 Sep 2025 22:01  
 Operator : RC/JU  
 Sample : Q3193-11  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20250923

Quant Time: Oct 01 01:24:10 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

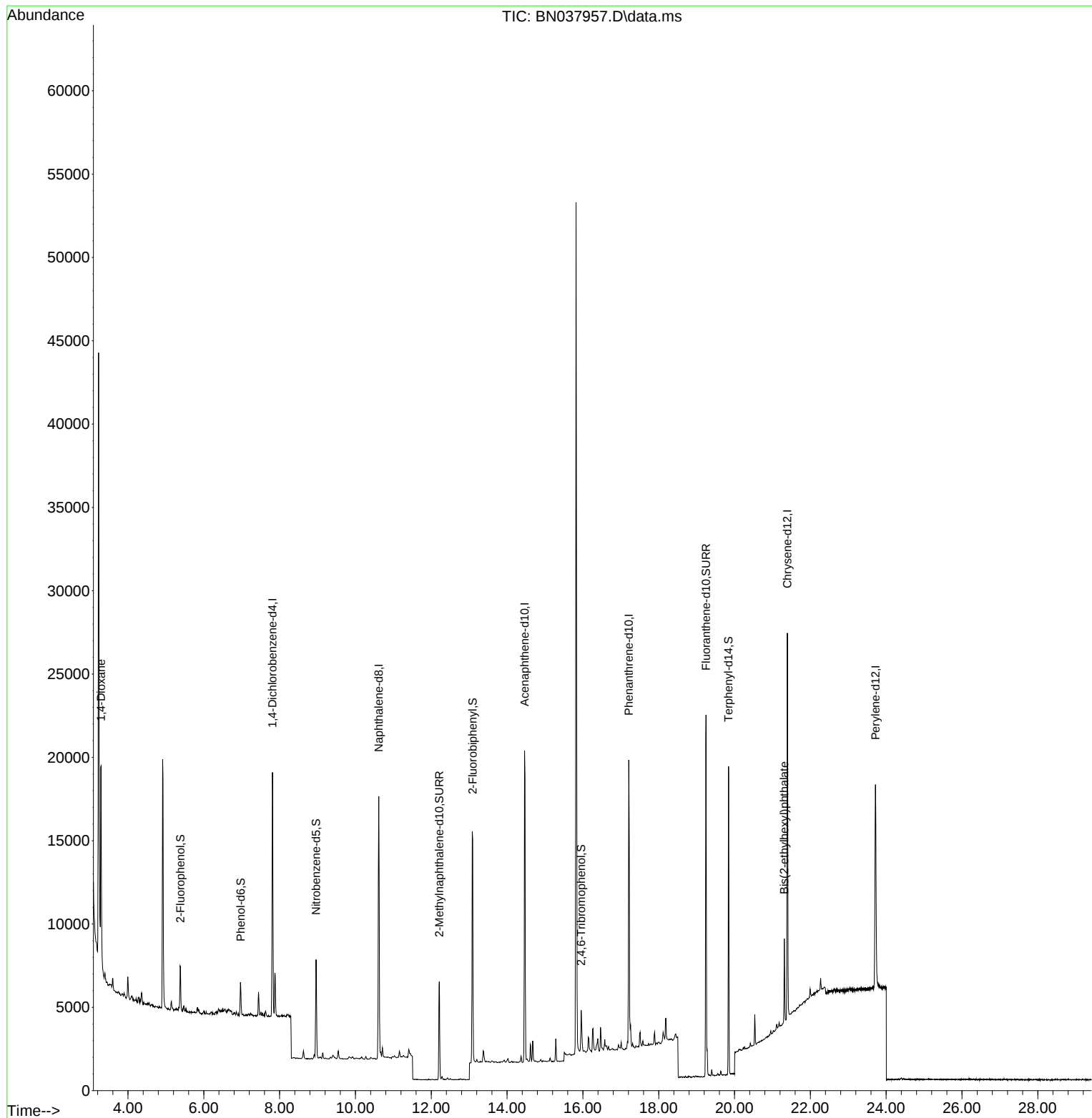
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.811  | 152  | 7098     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.616 | 136  | 20498    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.462 | 164  | 10965    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.211 | 188  | 23447    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.393 | 240  | 19827    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.718 | 264  | 17505    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 2175     | 0.134 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 1793     | 0.084 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 4647     | 0.297 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.212 | 152  | 7963     | 0.280 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 1391     | 0.335 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 13104    | 0.292 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.248 | 212  | 23071    | 0.391 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.842 | 244  | 16794    | 0.425 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.290  | 88   | 8294     | 1.151 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 4528     | 0.165 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093025\  
Data File : BN037957.D  
Acq On : 30 Sep 2025 22:01  
Operator : RC/JU  
Sample : Q3193-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250923

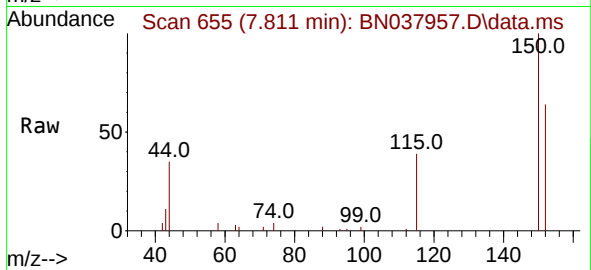
Quant Time: Oct 01 01:24:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration



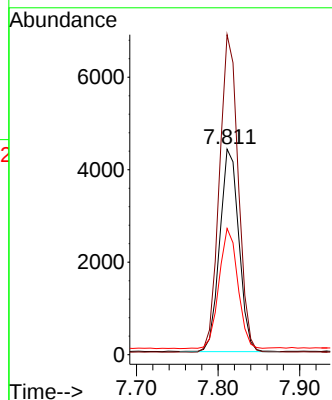
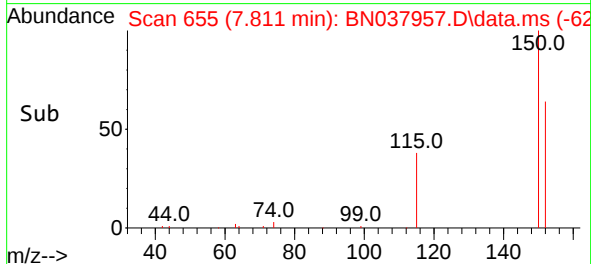


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.811 min Scan# 61  
 Delta R.T. -0.014 min  
 Lab File: BN037957.D  
 Acq: 30 Sep 2025 22:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20250923

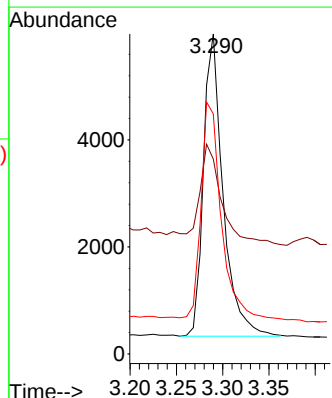
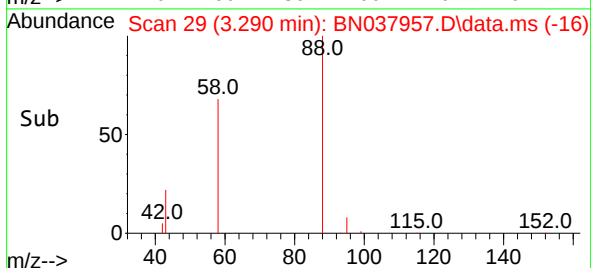
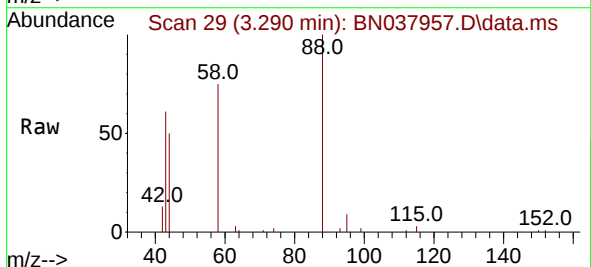


Tgt Ion:152 Resp: 7098  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 121.0 181.4  
 115 61.4 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 1.151 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN037957.D  
 Acq: 30 Sep 2025 22:01

Tgt Ion: 88 Resp: 8294  
 Ion Ratio Lower Upper  
 88 100  
 43 36.4 26.6 39.8  
 58 73.4 58.9 88.3





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.384 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037957.D

Acq: 30 Sep 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

TT172S1-20250923

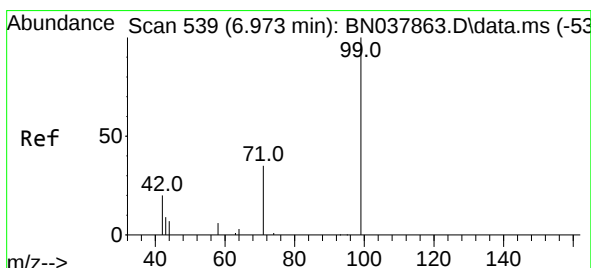
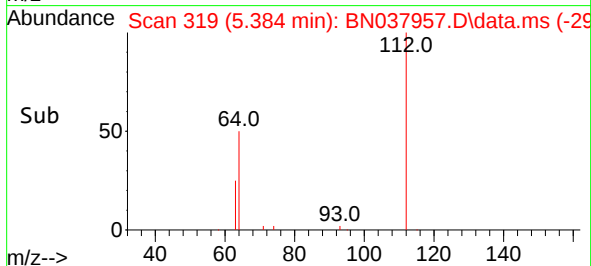
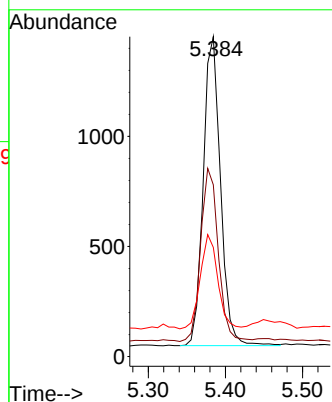
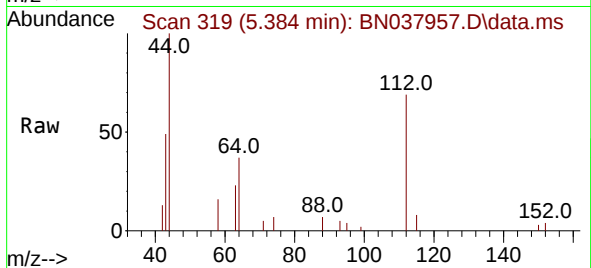
Tgt Ion:112 Resp: 2175

Ion Ratio Lower Upper

112 100

64 57.1 44.6 66.8

63 31.1 24.9 37.3



#5

Phenol-d6

Concen: 0.084 ng

RT: 6.973 min Scan# 539

Delta R.T. -0.000 min

Lab File: BN037957.D

Acq: 30 Sep 2025 22:01

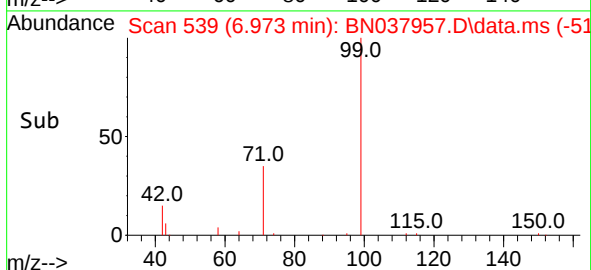
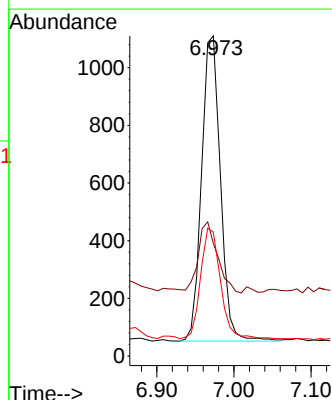
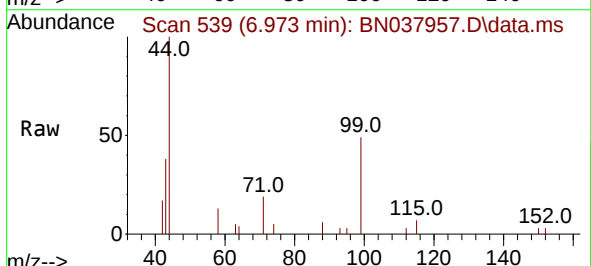
Tgt Ion: 99 Resp: 1793

Ion Ratio Lower Upper

99 100

42 23.8 17.2 25.8

71 38.1 27.3 40.9

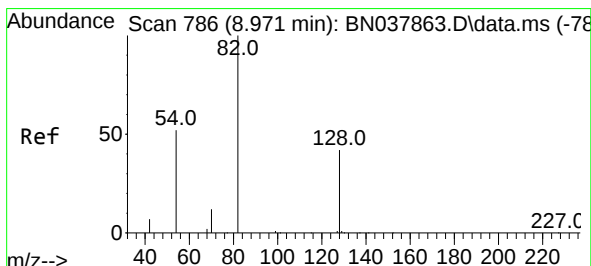
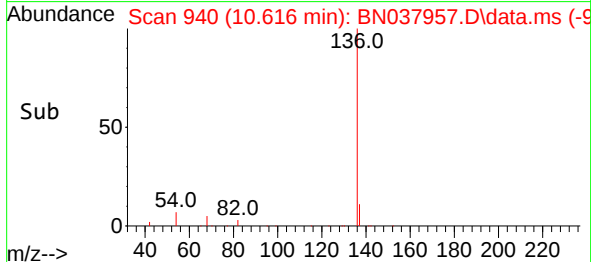
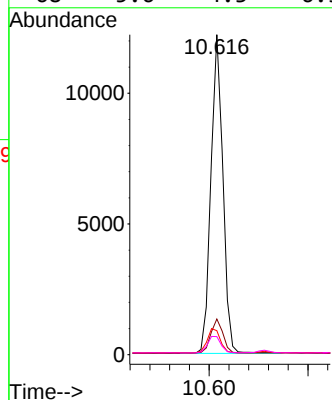
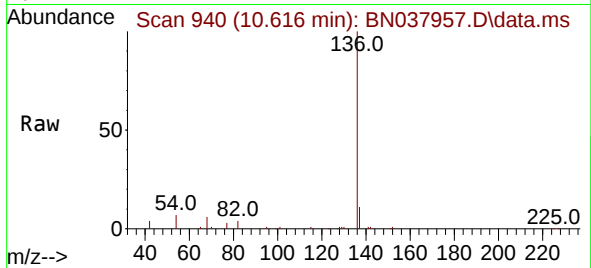




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.616 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

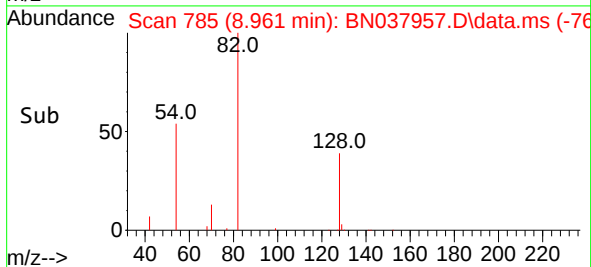
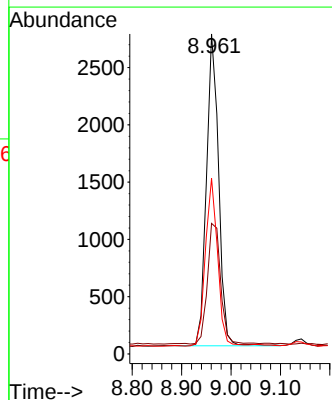
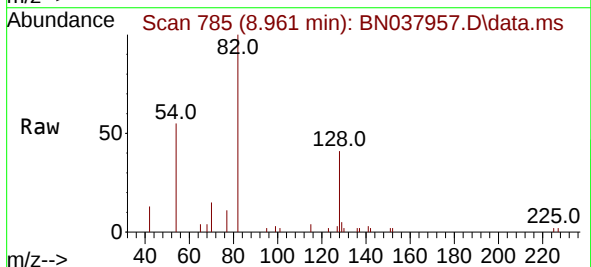
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250923

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 20498 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.4  |
| 54        | 7.5   | 5.8   | 8.8   |
| 68        | 5.6   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.297 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4647 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.8  | 34.8  | 52.2 |
| 54        | 54.9  | 42.2  | 63.2 |





#11

2-Methylnaphthalene-d10

Concen: 0.280 ng

RT: 12.212 min Scan# 1162

Delta R.T. -0.005 min

Lab File: BN037957.D

Acq: 30 Sep 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

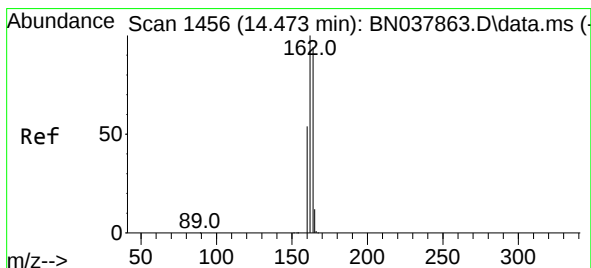
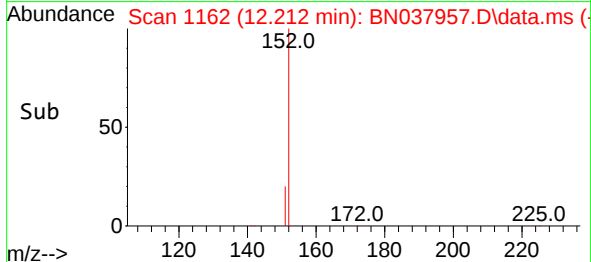
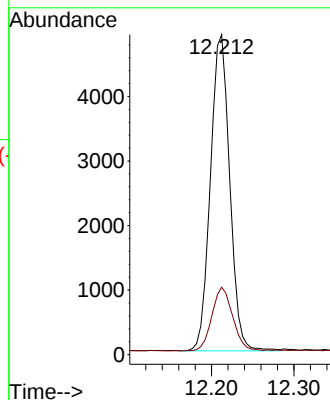
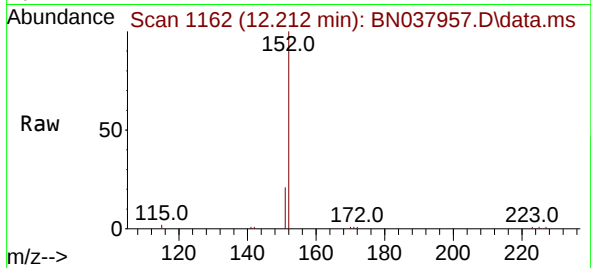
TT172S1-20250923

Tgt Ion:152 Resp: 7963

Ion Ratio Lower Upper

152 100

151 21.7 17.4 26.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.462 min Scan# 1455

Delta R.T. -0.011 min

Lab File: BN037957.D

Acq: 30 Sep 2025 22:01

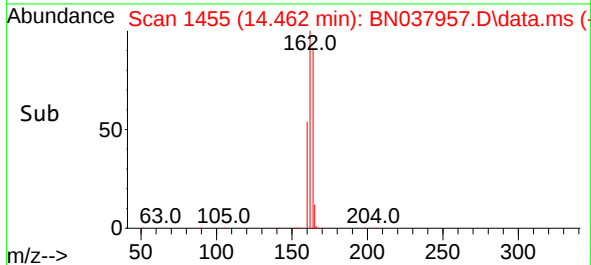
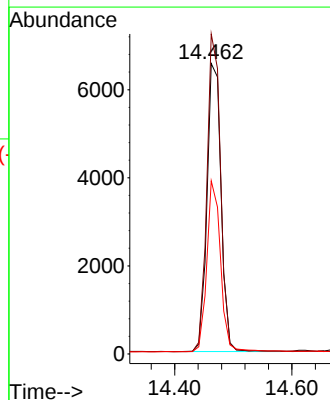
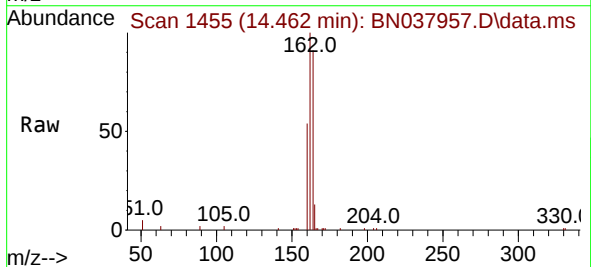
Tgt Ion:164 Resp: 10965

Ion Ratio Lower Upper

164 100

162 110.2 84.8 127.2

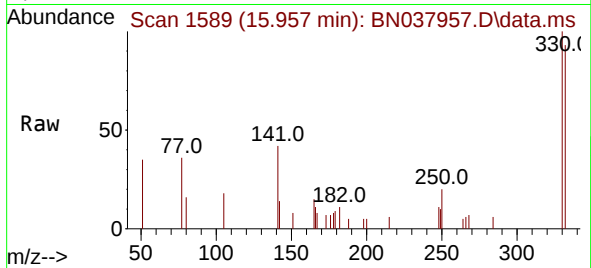
160 59.6 46.1 69.1



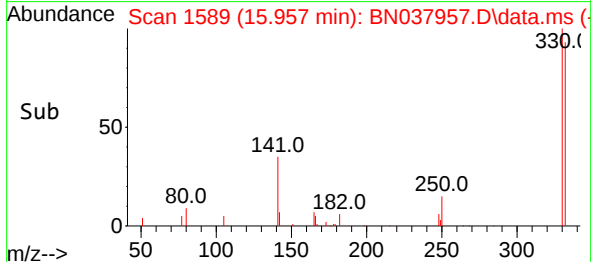
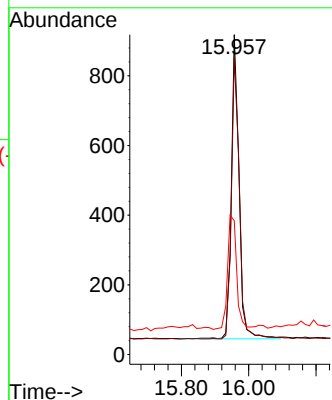


#14  
2,4,6-Tribromophenol  
Concen: 0.335 ng  
RT: 15.957 min Scan# 1589  
Delta R.T. -0.012 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250923

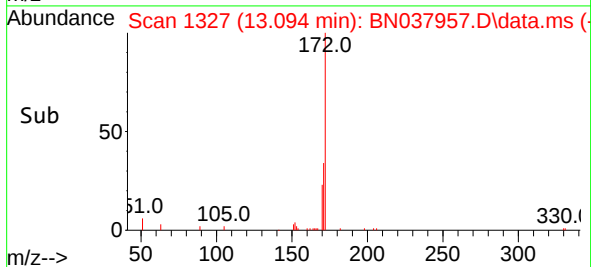
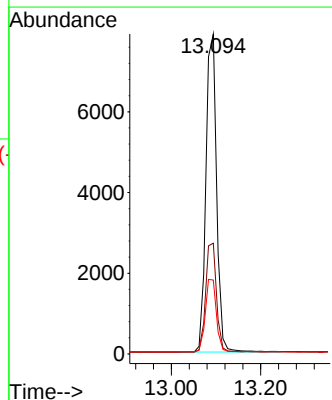
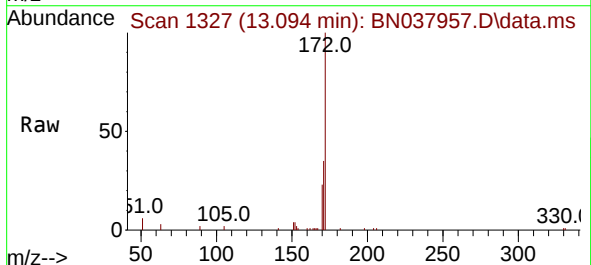


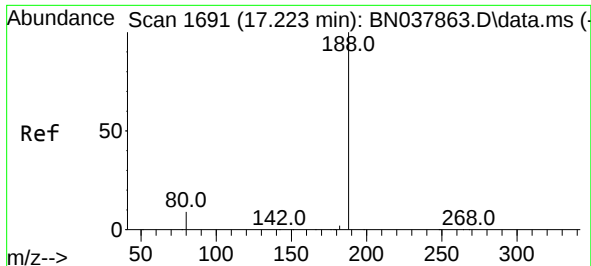
Tgt Ion:330 Resp: 1391  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.2 115.8  
141 43.9 37.2 55.8



#15  
2-Fluorobiphenyl  
Concen: 0.292 ng  
RT: 13.094 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

Tgt Ion:172 Resp: 13104  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.6 43.0  
170 23.1 19.7 29.5

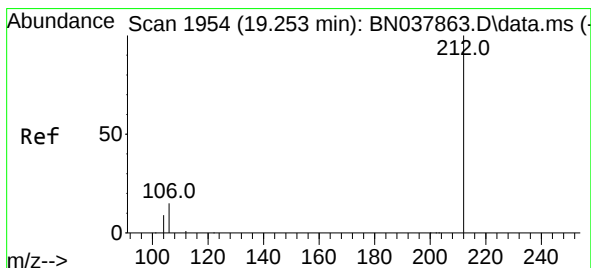
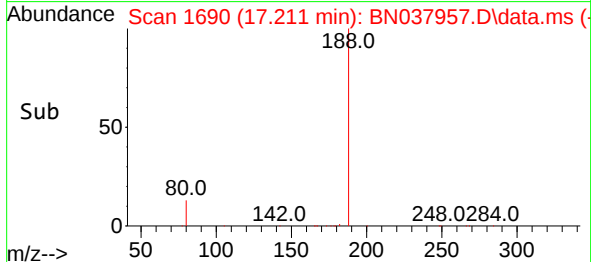
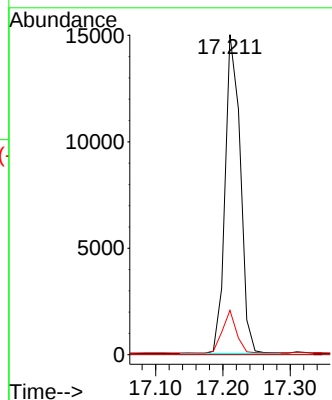
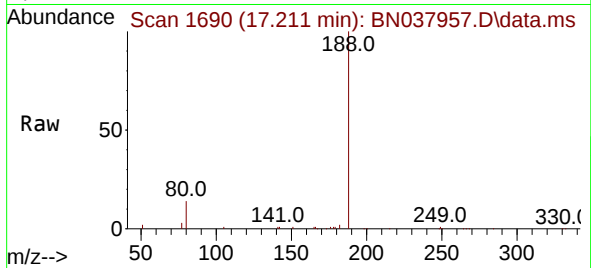




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.211 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

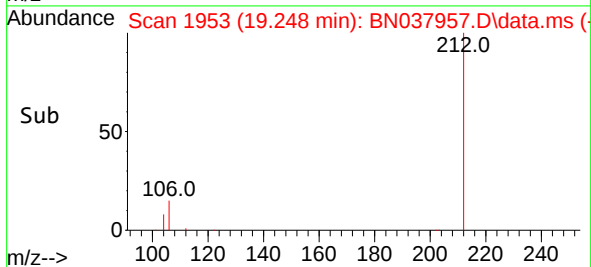
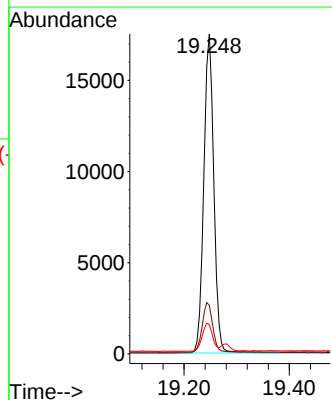
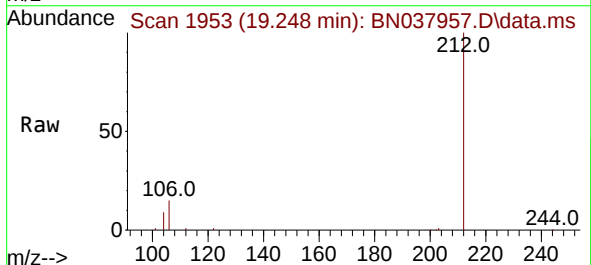
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250923

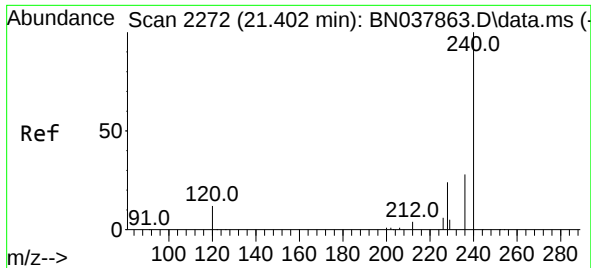
Tgt Ion:188 Resp: 23447  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.8 7.6 11.4#



#27  
Fluoranthene-d10  
Concen: 0.391 ng  
RT: 19.248 min Scan# 1953  
Delta R.T. -0.005 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

Tgt Ion:212 Resp: 23071  
Ion Ratio Lower Upper  
212 100  
106 16.2 12.6 19.0  
104 9.2 7.4 11.0

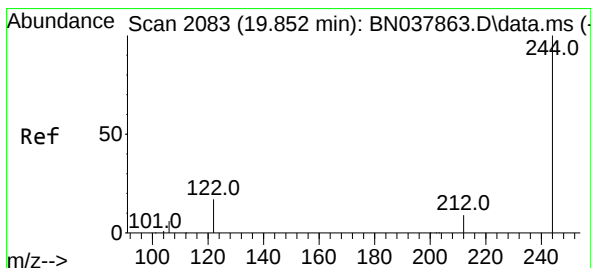
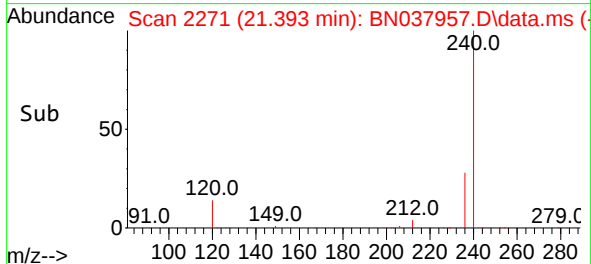
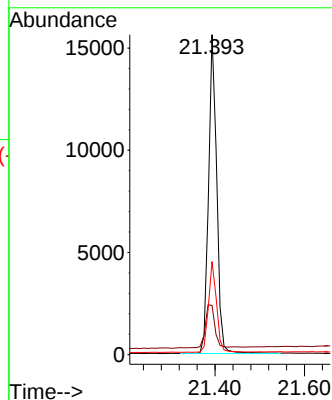
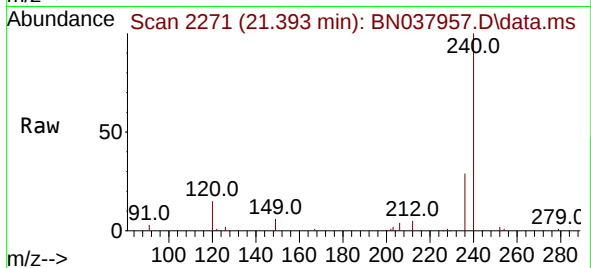




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.393 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

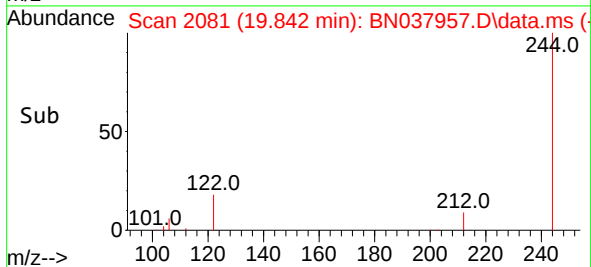
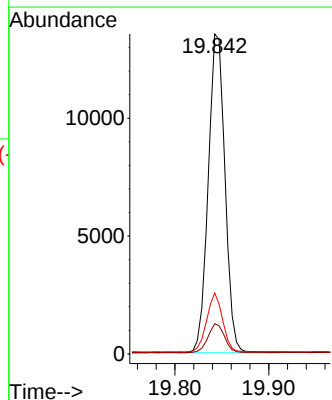
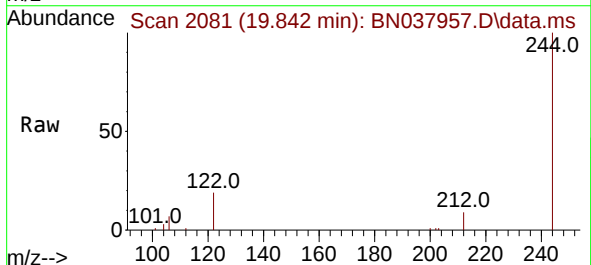
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250923

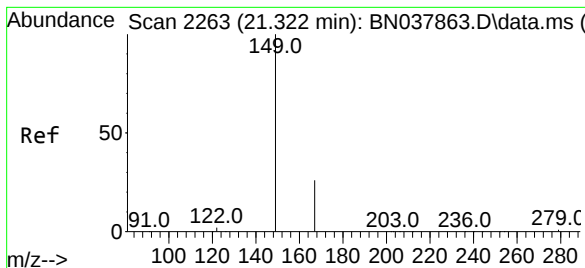
Tgt Ion:240 Resp: 19827  
Ion Ratio Lower Upper  
240 100  
120 15.4 11.4 17.2  
236 29.1 23.0 34.6



#31  
Terphenyl-d14  
Concen: 0.425 ng  
RT: 19.842 min Scan# 2081  
Delta R.T. -0.009 min  
Lab File: BN037957.D  
Acq: 30 Sep 2025 22:01

Tgt Ion:244 Resp: 16794  
Ion Ratio Lower Upper  
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212 9.4 7.6 11.4  
122 19.0 13.9 20.9

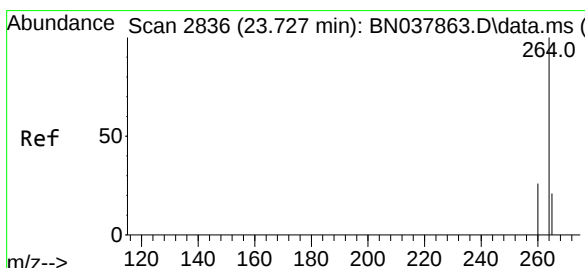
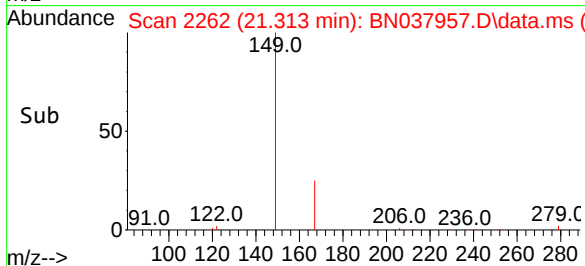
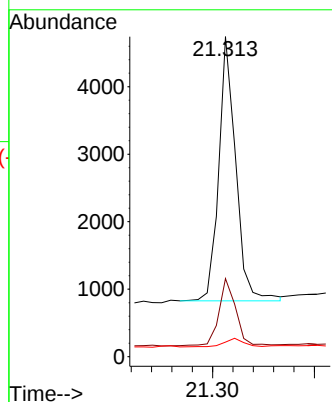
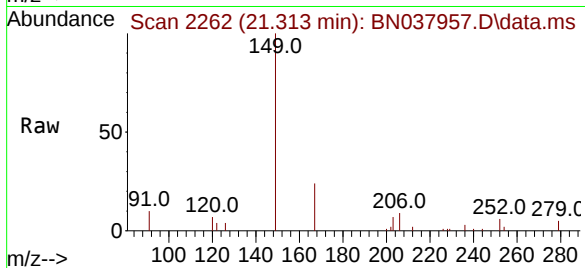




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.165 ng  
 RT: 21.313 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN037957.D  
 Acq: 30 Sep 2025 22:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20250923

Tgt Ion:149 Resp: 4528  
 Ion Ratio Lower Upper  
 149 100  
 167 25.4 20.4 30.6  
 279 3.6 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: BN037957.D  
 Acq: 30 Sep 2025 22:01

Tgt Ion:264 Resp: 17505  
 Ion Ratio Lower Upper  
 264 100  
 260 27.1 21.5 32.3  
 265 69.3 53.8 80.6

