

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092525\  
 Data File : BN037896.D  
 Acq On : 25 Sep 2025 19:28  
 Operator : RC/JU  
 Sample : Q3156-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D3-20250918

Quant Time: Sep 25 23:50:19 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

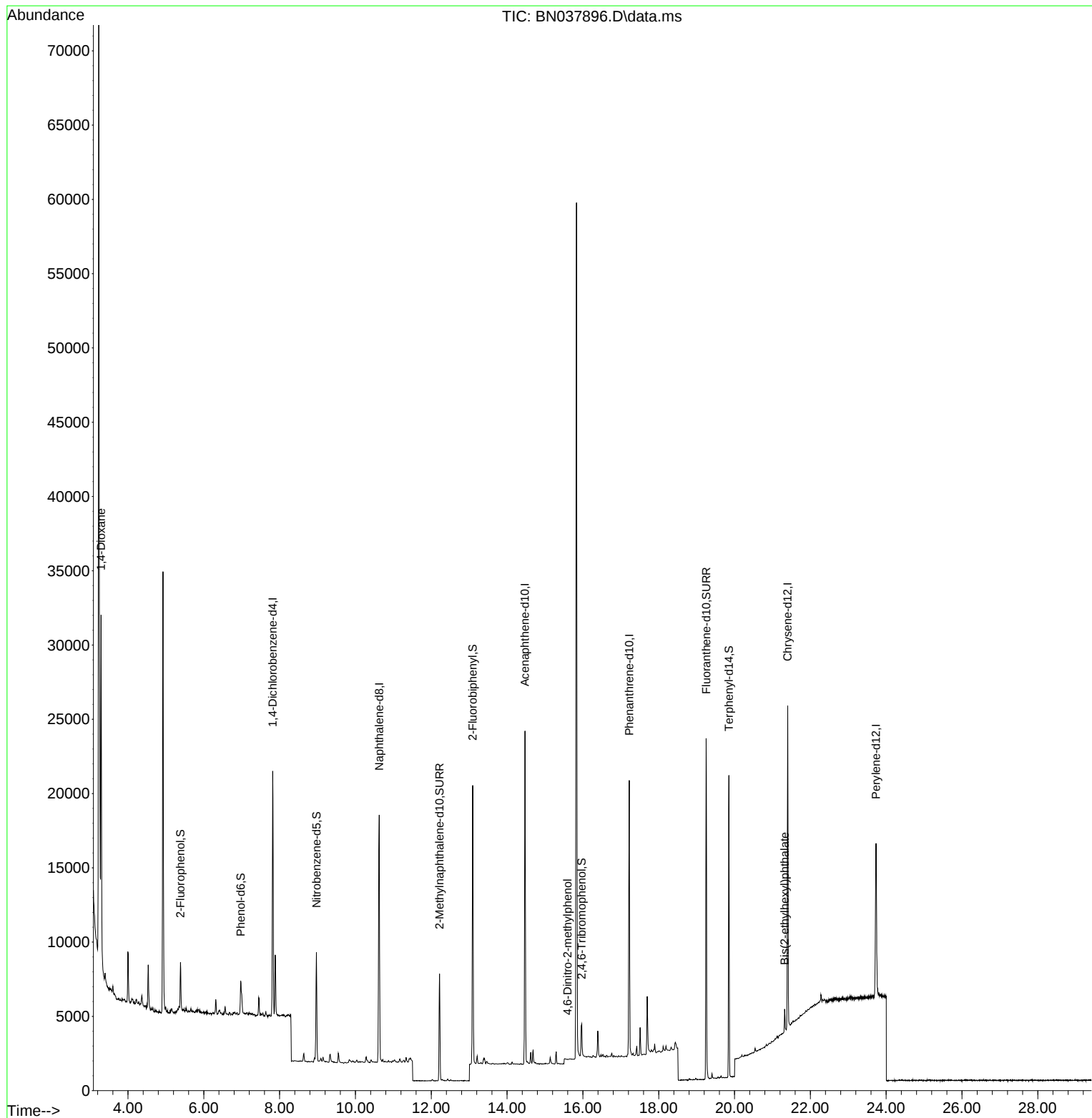
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 7909     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 22437    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.473 | 164  | 11826    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.223 | 188  | 24427    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.402 | 240  | 19066    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.733 | 264  | 15120    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 2573     | 0.143 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 1913     | 0.081 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.971  | 82   | 5652     | 0.330 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.217 | 152  | 9617     | 0.309 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 1456     | 0.325 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 15131    | 0.313 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.252 | 212  | 24335    | 0.396 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.852 | 244  | 18689    | 0.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.290  | 88   | 14230    | 1.772 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 8        | 0.070 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 1554     | 0.059 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092525\  
Data File : BN037896.D  
Acq On : 25 Sep 2025 19:28  
Operator : RC/JU  
Sample : Q3156-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

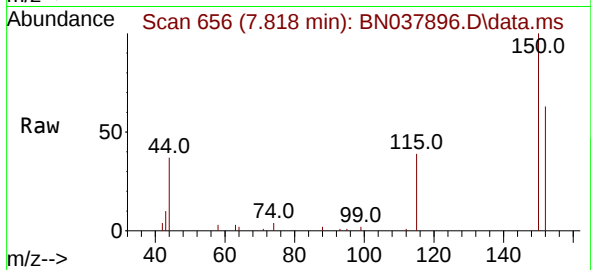
Quant Time: Sep 25 23:50:19 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration



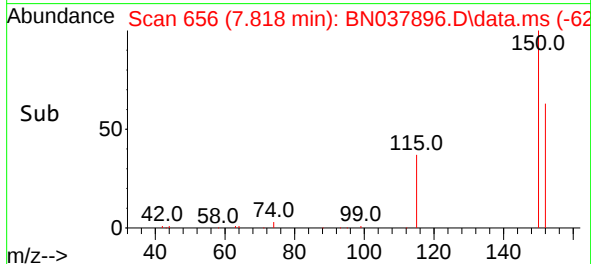
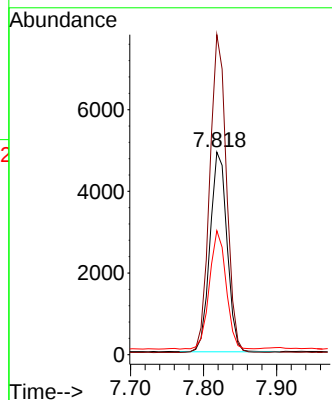


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037896.D  
 Acq: 25 Sep 2025 19:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D3-20250918

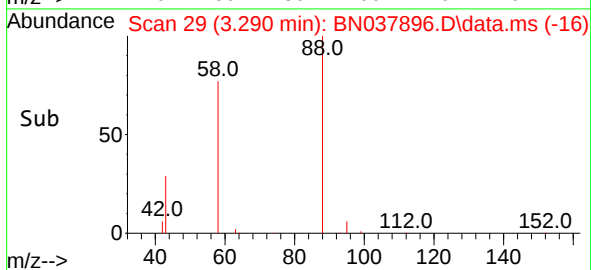
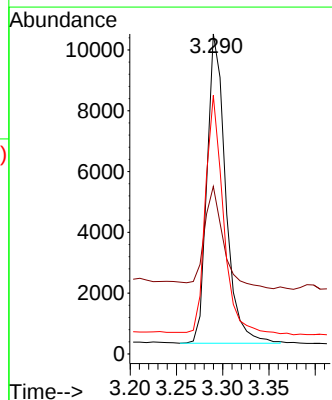
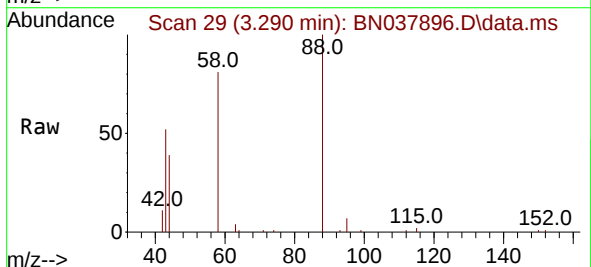


Tgt Ion:152 Resp: 7909  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 121.0 181.4  
 115 61.2 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 1.772 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN037896.D  
 Acq: 25 Sep 2025 19:28

Tgt Ion: 88 Resp: 14230  
 Ion Ratio Lower Upper  
 88 100  
 43 33.9 26.6 39.8  
 58 74.0 58.9 88.3

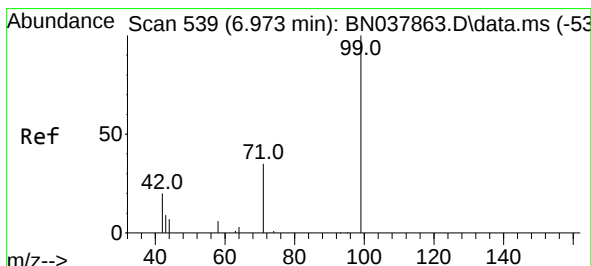
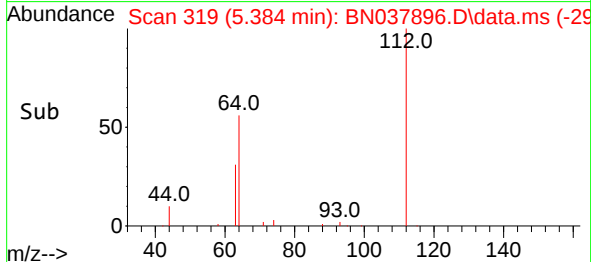
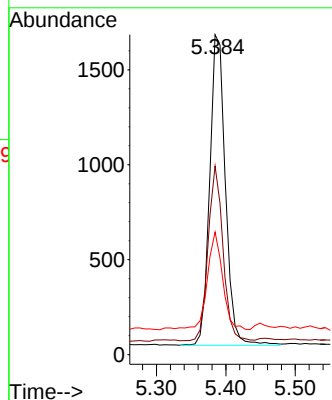
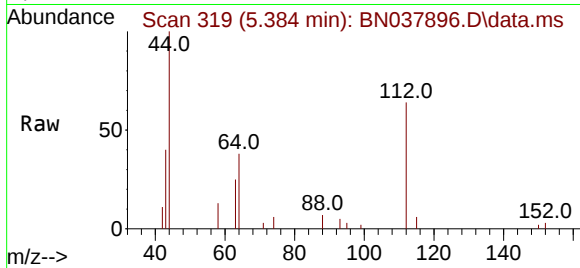




#4  
2-Fluorophenol  
Concen: 0.143 ng  
RT: 5.384 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

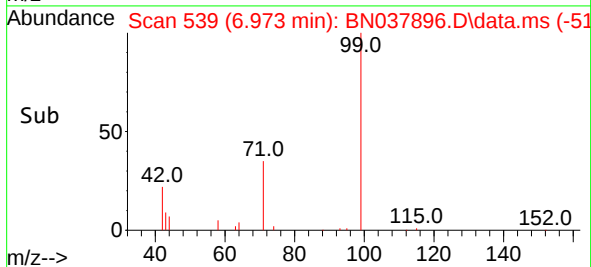
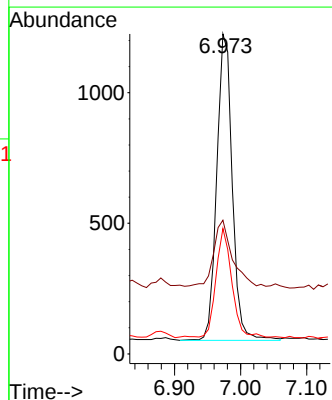
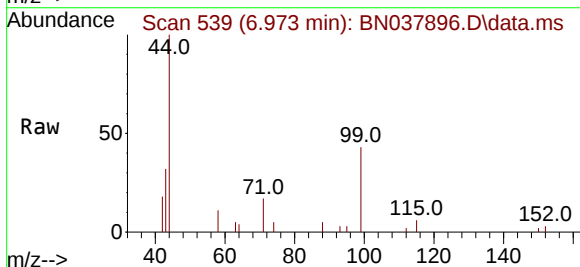
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2573  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 53.1  | 44.6  | 66.8  |
| 63       | 30.2  | 24.9  | 37.3  |



#5  
Phenol-d6  
Concen: 0.081 ng  
RT: 6.973 min Scan# 539  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1913  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 25.8  | 17.2  | 25.8  |
| 71       | 36.7  | 27.3  | 40.9  |

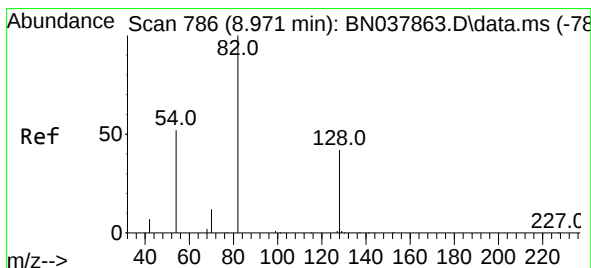
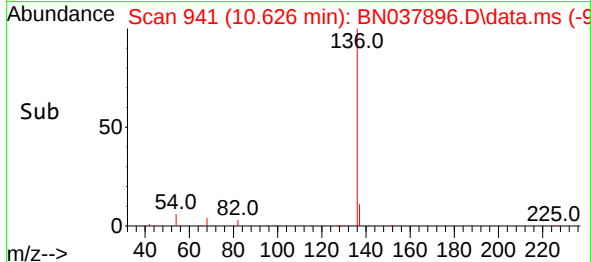
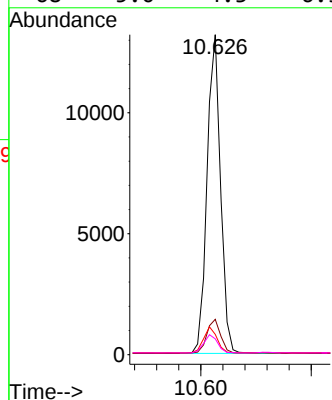
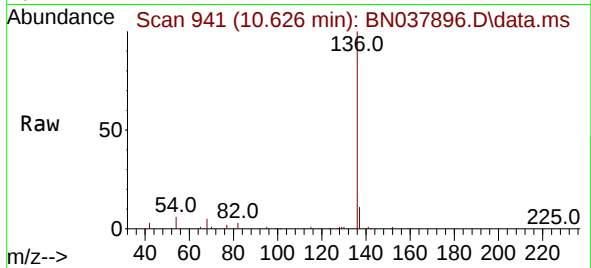




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

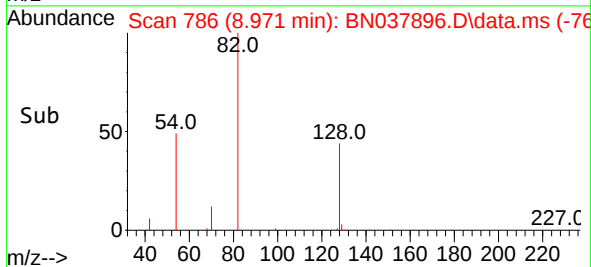
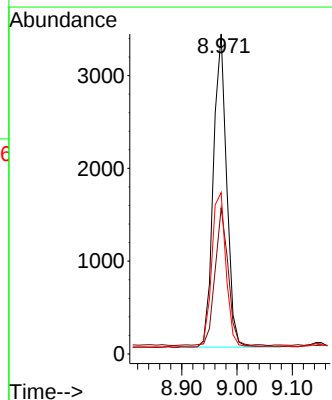
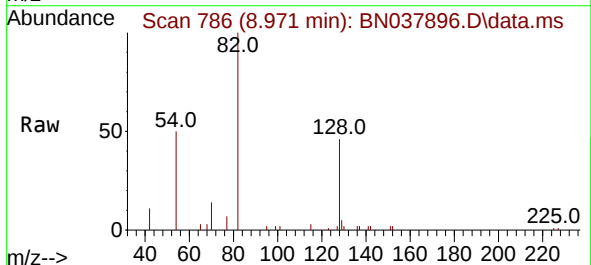
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 22437 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.4  |
| 54        | 6.4   | 5.8   | 8.8   |
| 68        | 5.0   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 8.971 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5652 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 45.7  | 34.8  | 52.2 |
| 54        | 50.4  | 42.2  | 63.2 |

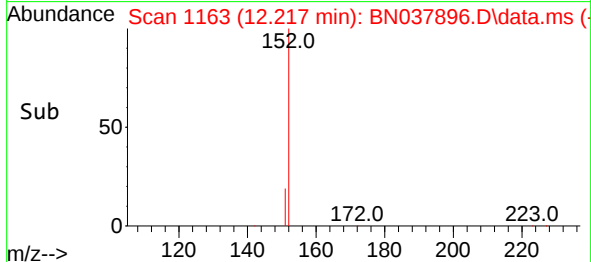
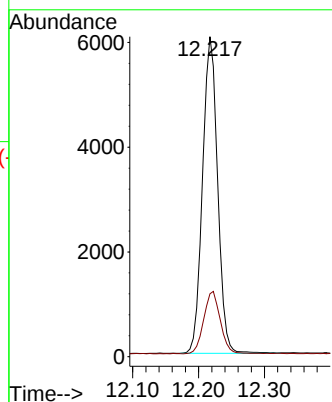
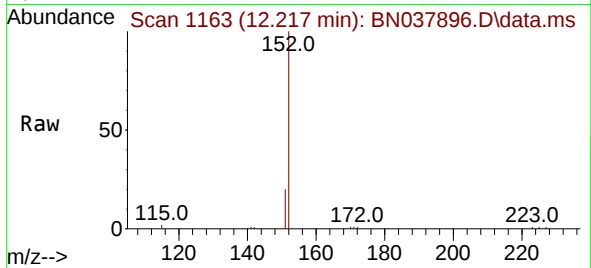




#11  
2-Methylnaphthalene-d10  
Concen: 0.309 ng  
RT: 12.217 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

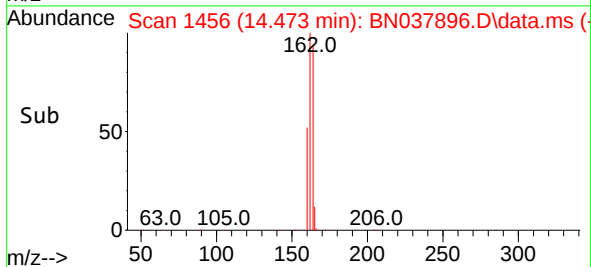
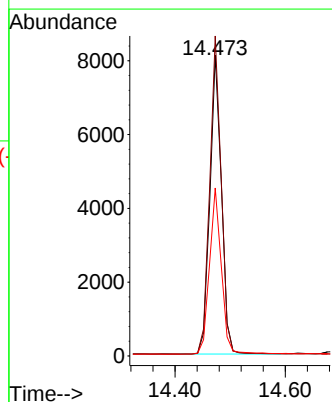
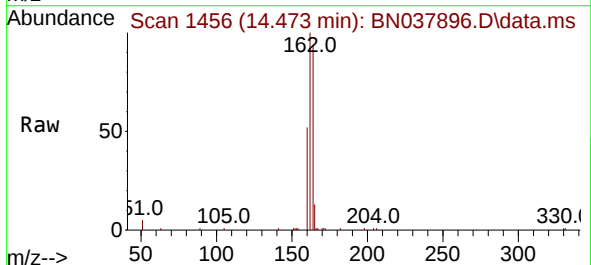
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

Tgt Ion:152 Resp: 9617  
Ion Ratio Lower Upper  
152 100  
151 21.7 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: BN037896.D  
Acq: 25 Sep 2025 19:28

Tgt Ion:164 Resp: 11826  
Ion Ratio Lower Upper  
164 100  
162 106.3 84.8 127.2  
160 55.8 46.1 69.1

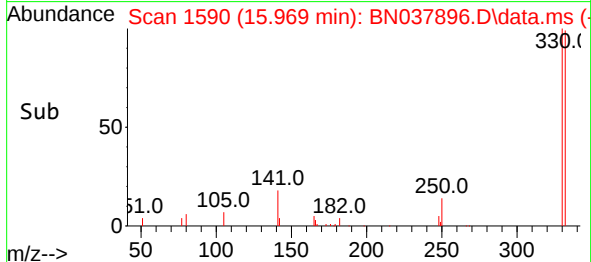
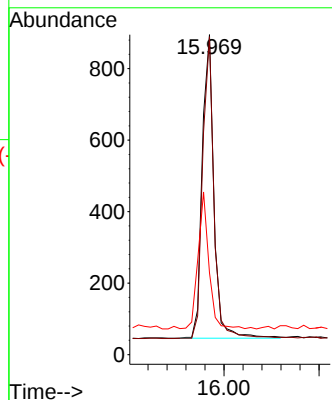
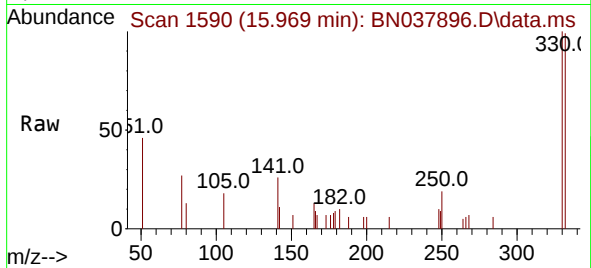




#14  
2,4,6-Tribromophenol  
Concen: 0.325 ng  
RT: 15.969 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

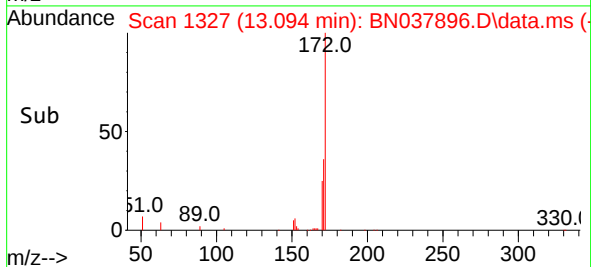
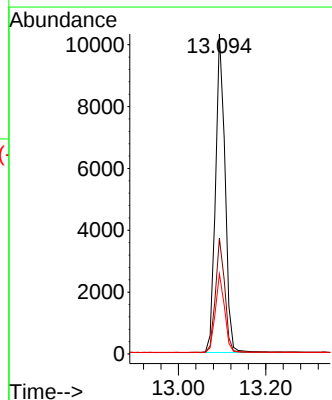
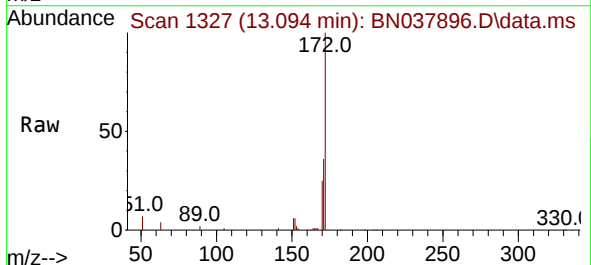
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

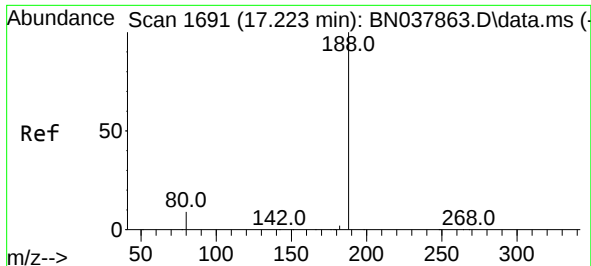
Tgt Ion:330 Resp: 1456  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.2 115.8  
141 43.3 37.2 55.8



#15  
2-Fluorobiphenyl  
Concen: 0.313 ng  
RT: 13.094 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

Tgt Ion:172 Resp: 15131  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 43.0  
170 25.0 19.7 29.5

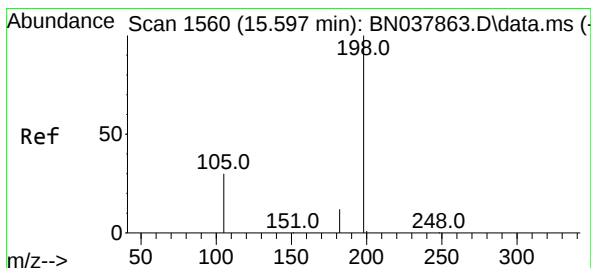
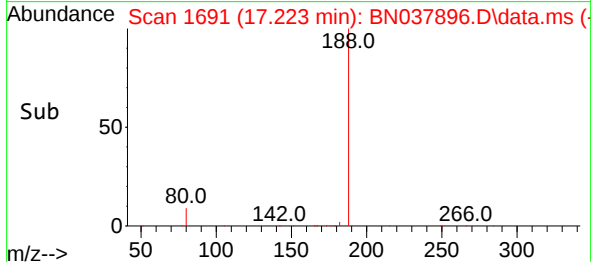
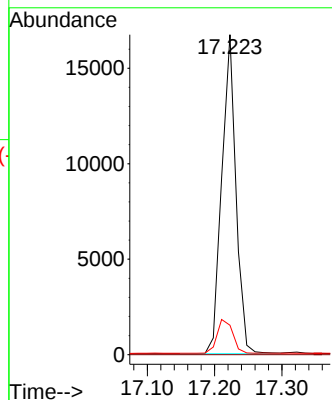
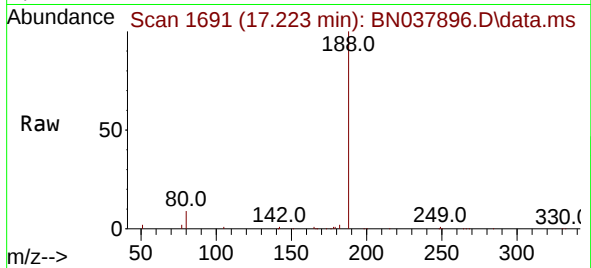




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

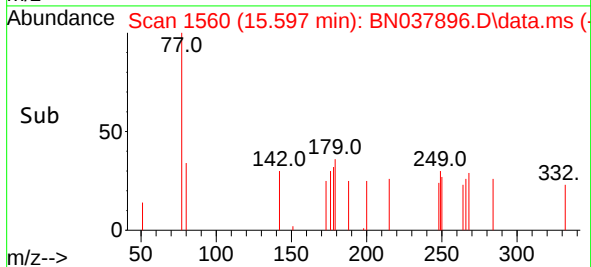
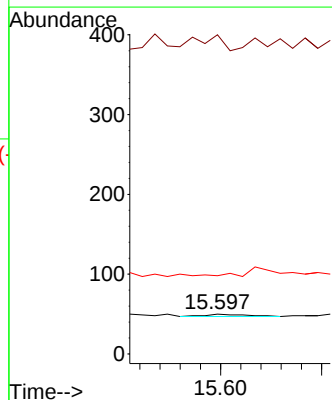
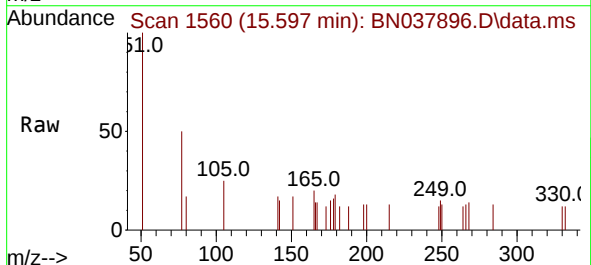
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

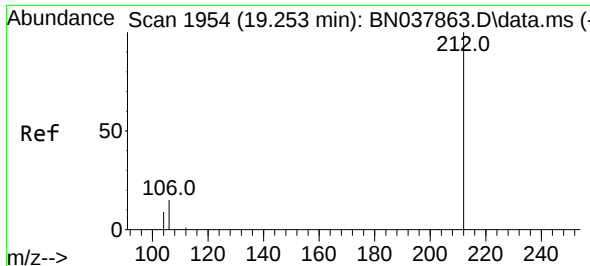
Tgt Ion:188 Resp: 24427  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 7.6 11.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.070 ng  
RT: 15.597 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

Tgt Ion:198 Resp: 8  
Ion Ratio Lower Upper  
198 100  
51 800.0 59.1 88.7#  
105 196.0 41.3 61.9#

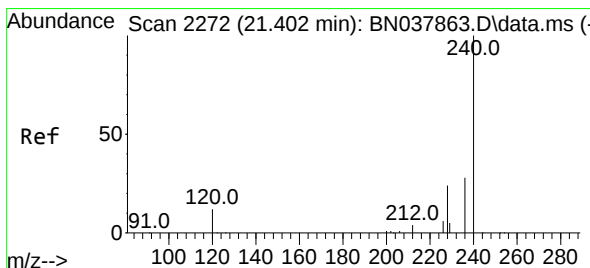
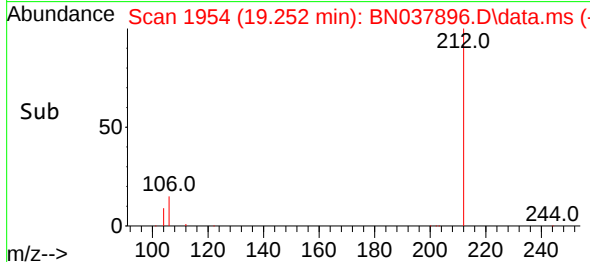
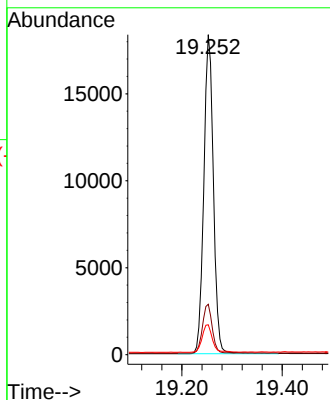
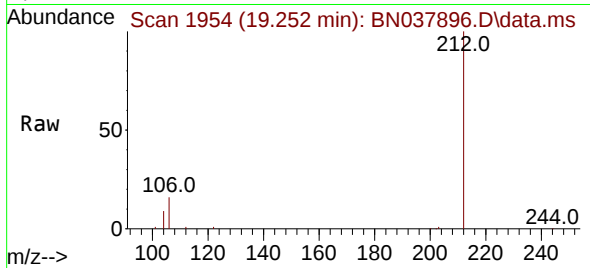




#27  
Fluoranthene-d10  
Concen: 0.396 ng  
RT: 19.252 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

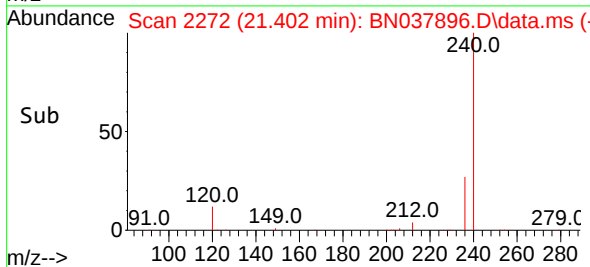
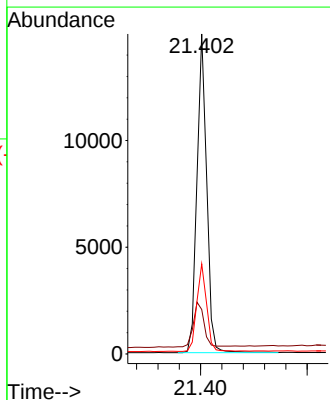
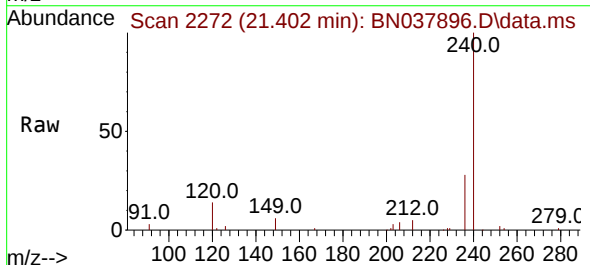
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

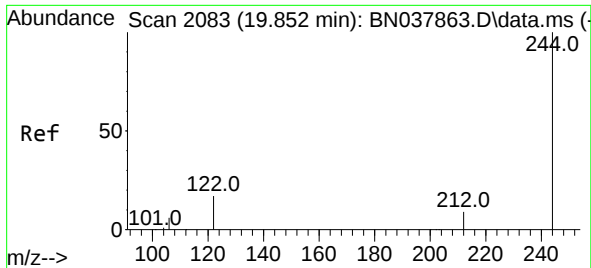
Tgt Ion:212 Resp: 24335  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.6 19.0  
104 9.2 7.4 11.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.402 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

Tgt Ion:240 Resp: 19066  
Ion Ratio Lower Upper  
240 100  
120 13.9 11.4 17.2  
236 28.2 23.0 34.6

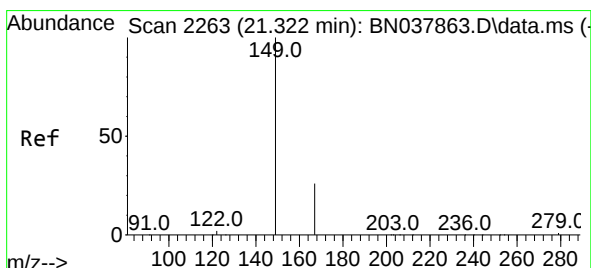
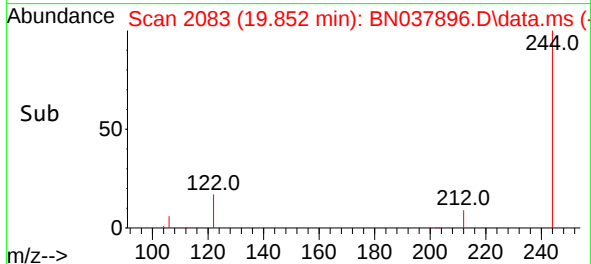
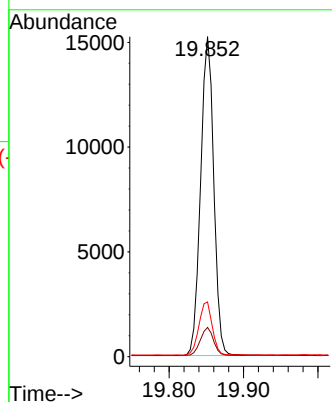
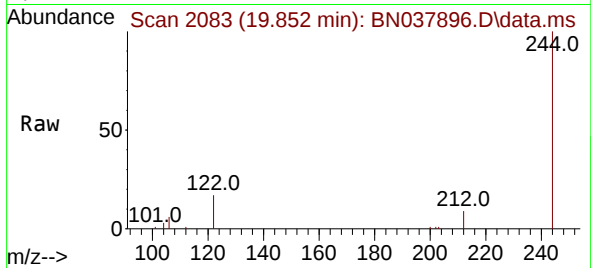




#31  
 Terphenyl-d14  
 Concen: 0.492 ng  
 RT: 19.852 min Scan# 2083  
 Delta R.T. -0.000 min  
 Lab File: BN037896.D  
 Acq: 25 Sep 2025 19:28

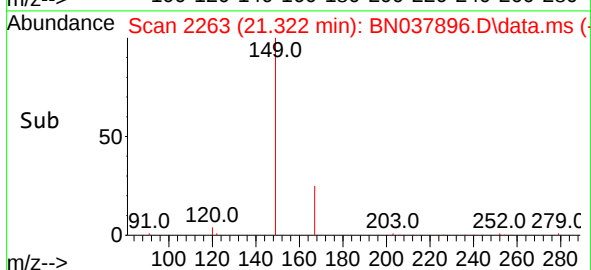
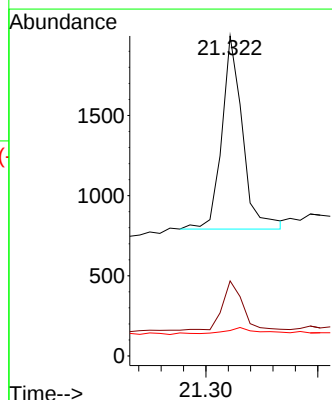
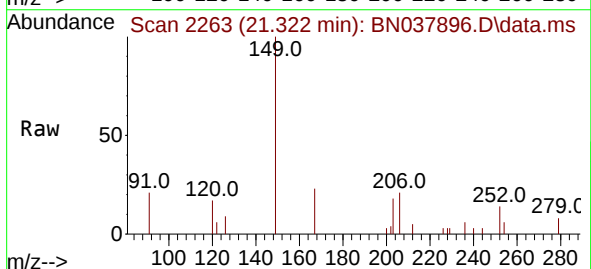
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D3-20250918

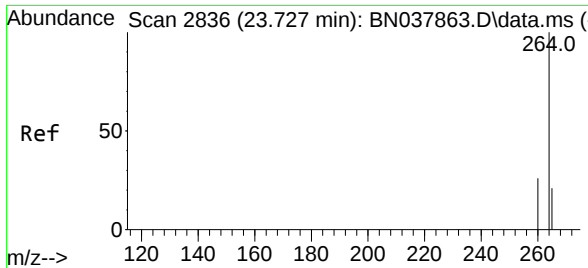
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 18689     |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 9.1   | 7.6 11.4  |
| 122         | 17.1  | 13.9 20.9 |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.059 ng  
 RT: 21.322 min Scan# 2263  
 Delta R.T. -0.000 min  
 Lab File: BN037896.D  
 Acq: 25 Sep 2025 19:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 1554      |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 24.6  | 20.4 30.6 |
| 279         | 6.9   | 2.4 3.6#  |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.733 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BN037896.D  
Acq: 25 Sep 2025 19:28

Instrument :  
BNA\_N  
ClientSampleId :  
RE131D3-20250918

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 15120 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 25.9  | 21.5  | 32.3  |
| 265      | 78.6  | 53.8  | 80.6  |

