

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100625\  
 Data File : BN038023.D  
 Acq On : 07 Oct 2025 00:08  
 Operator : RC/JU  
 Sample : PB169904BL  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169904BL

Quant Time: Oct 07 01:54:01 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

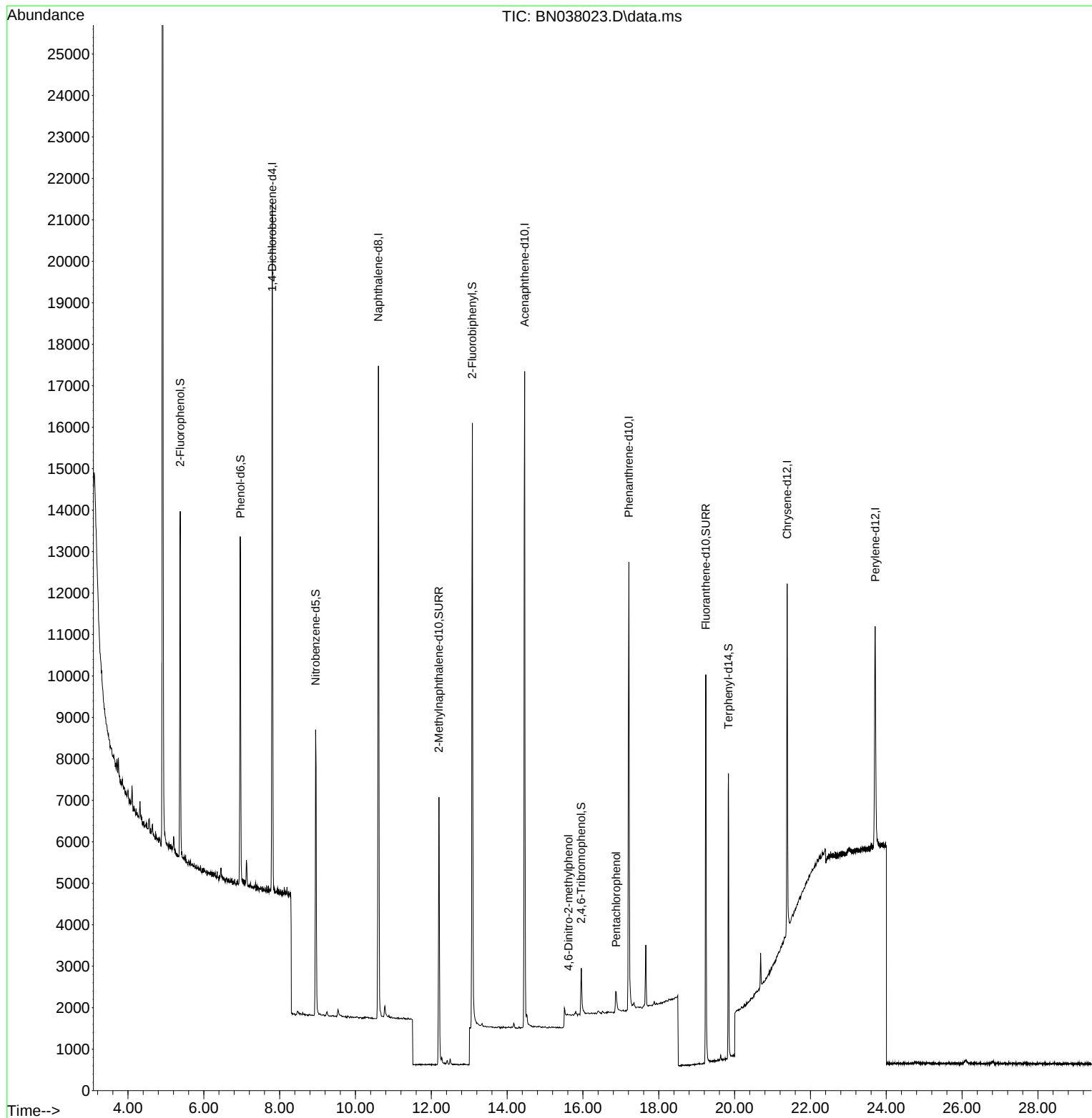
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 7850     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.605 | 136  | 20745    | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.462 | 164  | 9107     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.211 | 188  | 15264    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.384 | 240  | 8024     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.706 | 264  | 7902     | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.377  | 112  | 6434     | 0.359 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.966  | 99   | 7875     | 0.335 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 5676     | 0.359 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.202 | 152  | 9416     | 0.327 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 816      | 0.236 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.083 | 172  | 13974    | 0.375 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.239 | 212  | 10714    | 0.279 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.838 | 244  | 6667     | 0.417 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.622 | 198  | 5        | 0.070 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.875 | 266  | 443      | 0.107 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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Sample : PB169904BL  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169904BL

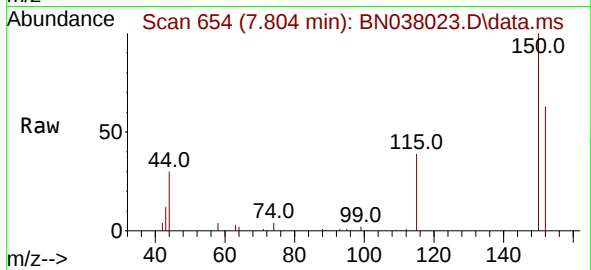
Quant Time: Oct 07 01:54:01 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
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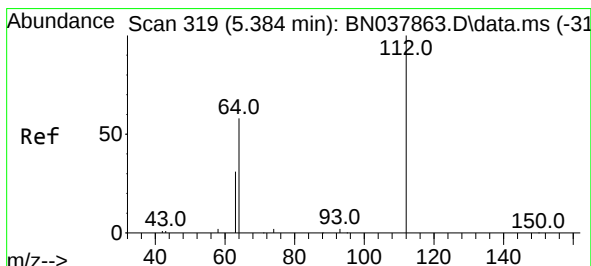
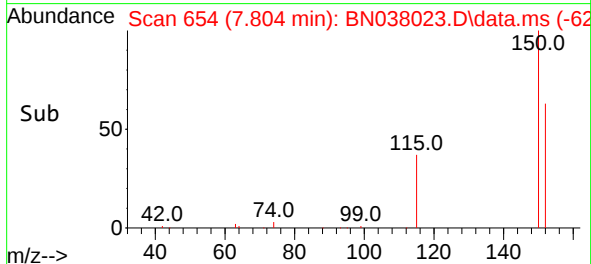
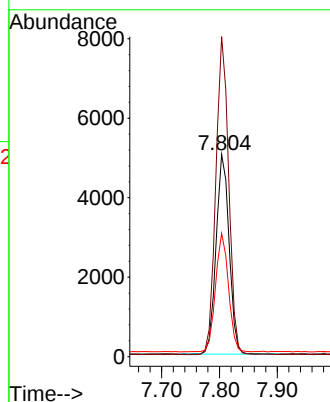


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.804 min Scan# 61  
Delta R.T. -0.021 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

Instrument :  
BNA\_N  
ClientSampleId :  
PB169904BL

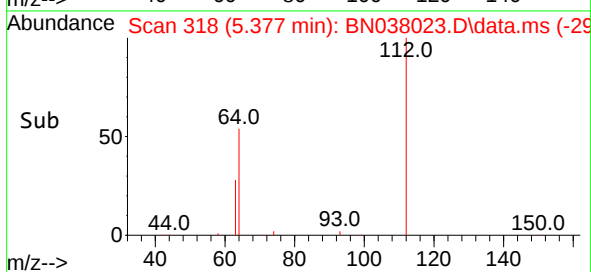
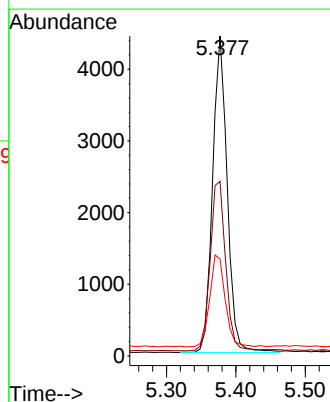
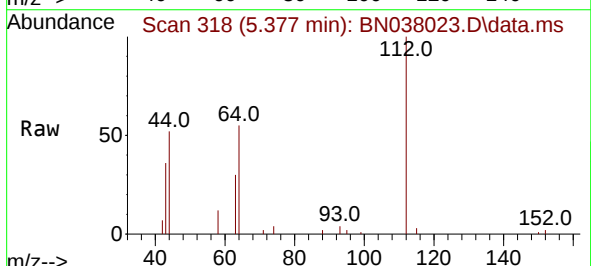


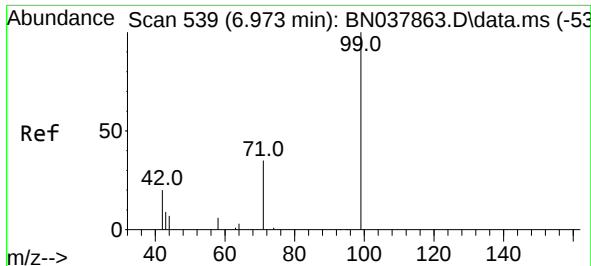
Tgt Ion:152 Resp: 7850  
Ion Ratio Lower Upper  
152 100  
150 158.3 121.0 181.4  
115 61.0 47.4 71.0



#4  
2-Fluorophenol  
Concen: 0.359 ng  
RT: 5.377 min Scan# 318  
Delta R.T. -0.007 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

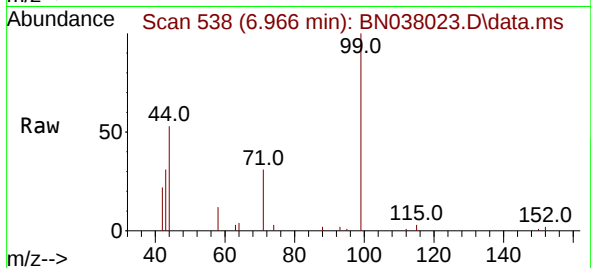
Tgt Ion:112 Resp: 6434  
Ion Ratio Lower Upper  
112 100  
64 57.3 44.6 66.8  
63 30.5 24.9 37.3



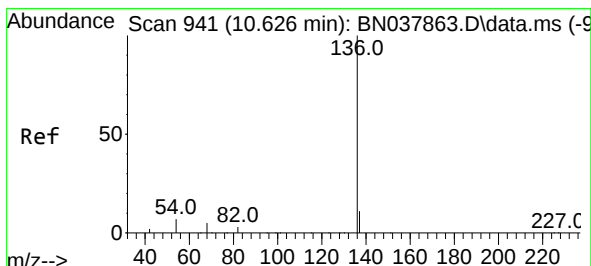
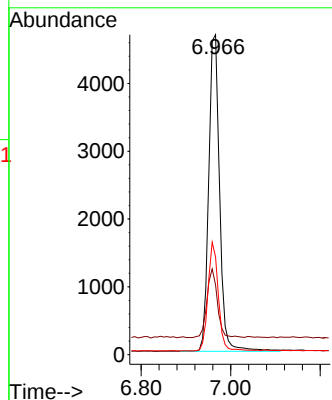
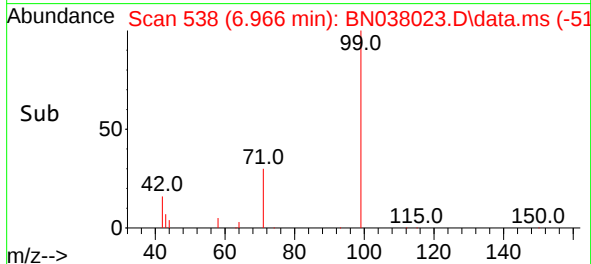


#5  
Phenol-d6  
Concen: 0.335 ng  
RT: 6.966 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

Instrument :  
BNA\_N  
ClientSampleId :  
PB169904BL

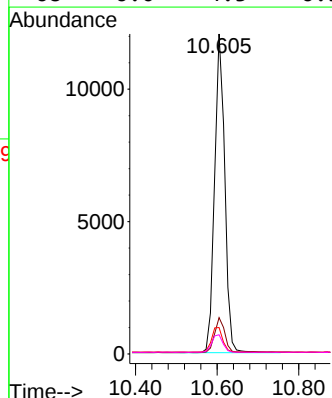
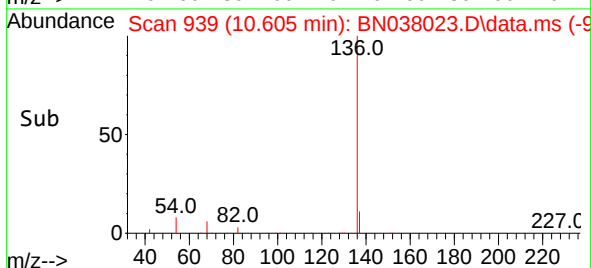
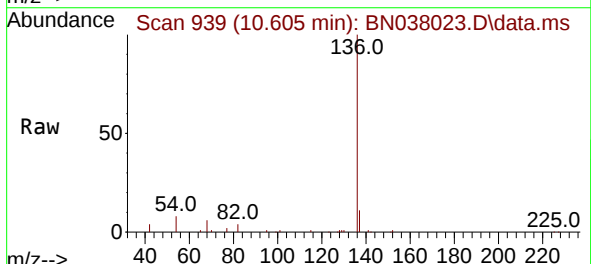


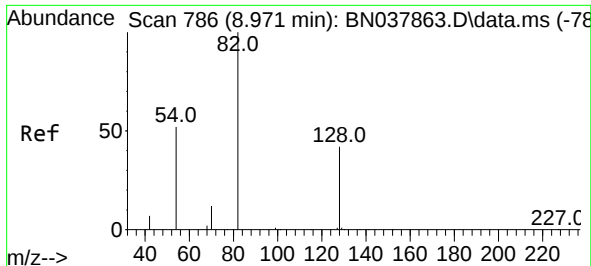
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7875  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.0  | 17.2  | 25.8  |
| 71       | 32.7  | 27.3  | 40.9  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 939  
Delta R.T. -0.021 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 20745 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.0   | 13.4  |
| 54       | 8.2   | 5.8   | 8.8   |
| 68       | 6.0   | 4.3   | 6.5   |

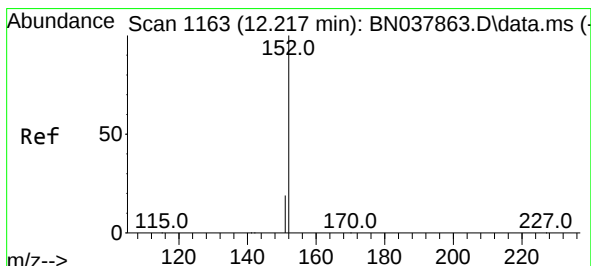
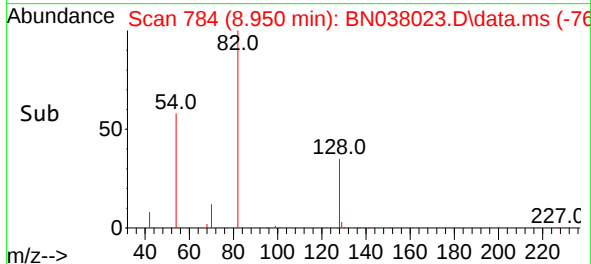
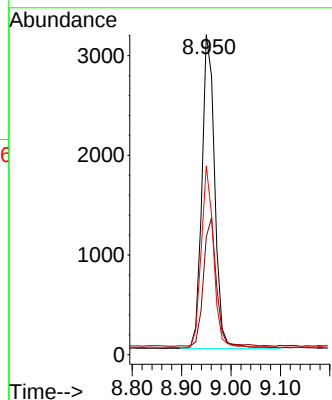
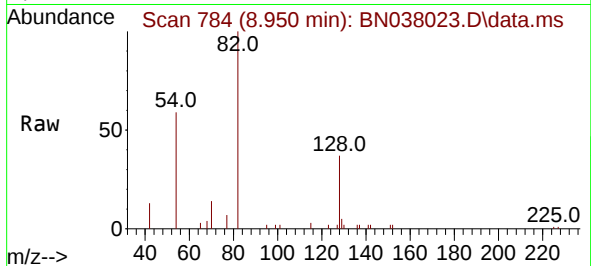




#8  
 Nitrobenzene-d5  
 Concen: 0.359 ng  
 RT: 8.950 min Scan# 71  
 Delta R.T. -0.021 min  
 Lab File: BN038023.D  
 Acq: 07 Oct 2025 00:08

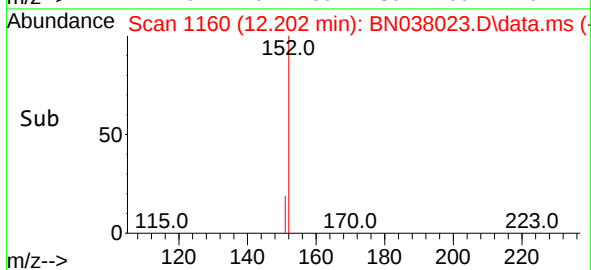
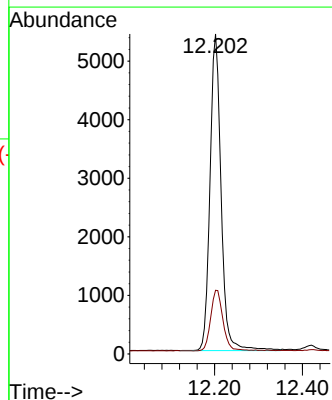
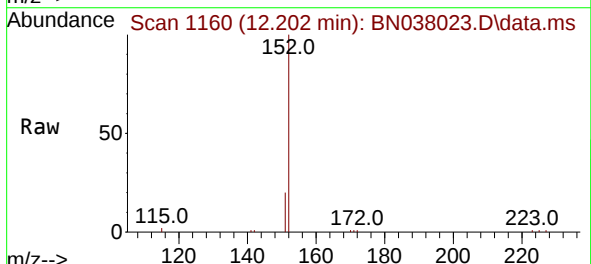
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169904BL

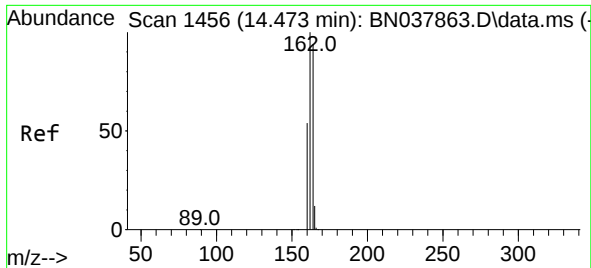
Tgt Ion: 82 Resp: 5676  
 Ion Ratio Lower Upper  
 82 100  
 128 36.9 34.8 52.2  
 54 59.0 42.2 63.2



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.327 ng  
 RT: 12.202 min Scan# 1160  
 Delta R.T. -0.015 min  
 Lab File: BN038023.D  
 Acq: 07 Oct 2025 00:08

Tgt Ion: 152 Resp: 9416  
 Ion Ratio Lower Upper  
 152 100  
 151 21.4 17.4 26.2

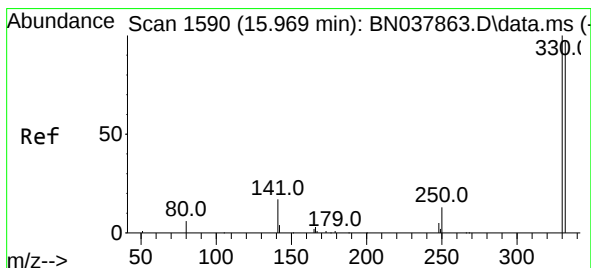
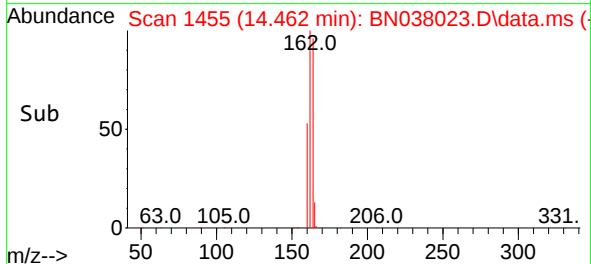
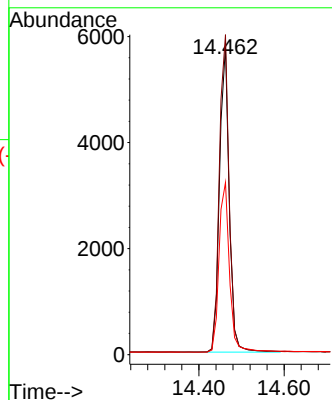
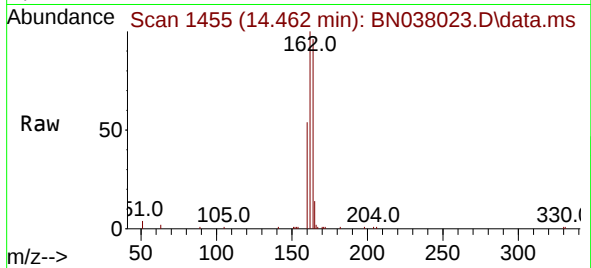




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.462 min Scan# 1455  
 Delta R.T. -0.011 min  
 Lab File: BN038023.D  
 Acq: 07 Oct 2025 00:08

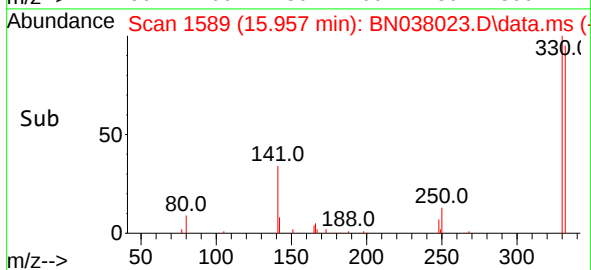
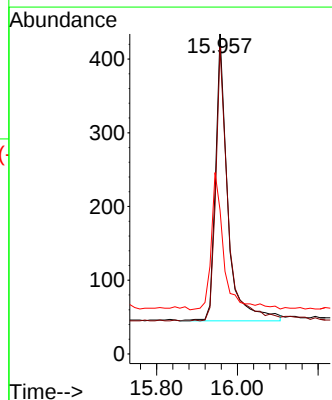
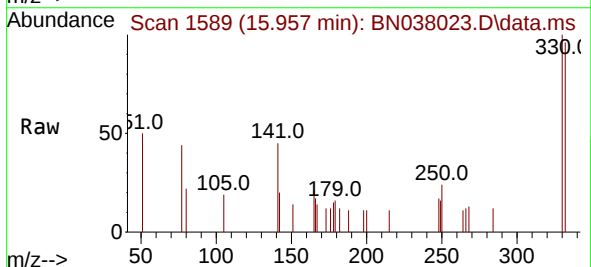
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169904BL

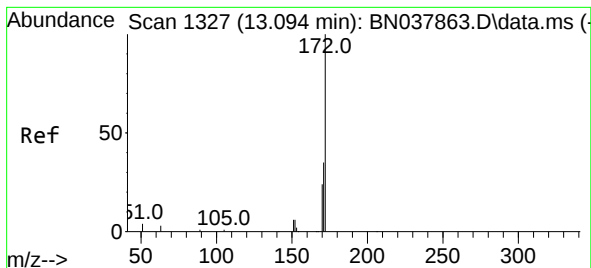
Tgt Ion:164 Resp: 9107  
 Ion Ratio Lower Upper  
 164 100  
 162 103.7 84.8 127.2  
 160 55.8 46.1 69.1



#14  
 2,4,6-Tribromophenol  
 Concen: 0.236 ng  
 RT: 15.957 min Scan# 1589  
 Delta R.T. -0.012 min  
 Lab File: BN038023.D  
 Acq: 07 Oct 2025 00:08

Tgt Ion:330 Resp: 816  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 77.2 115.8  
 141 49.5 37.2 55.8

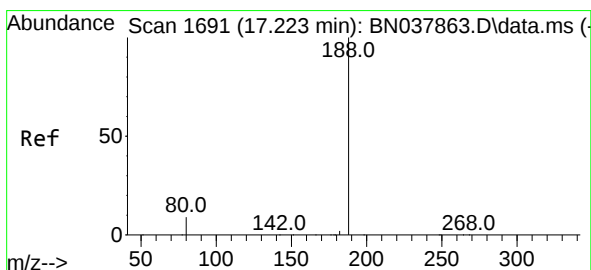
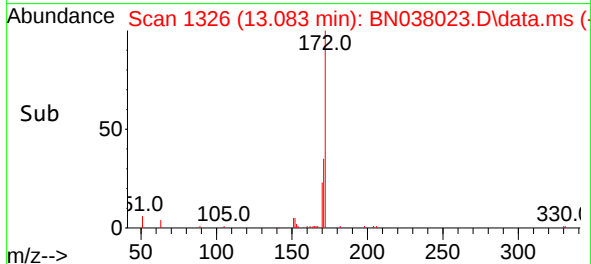
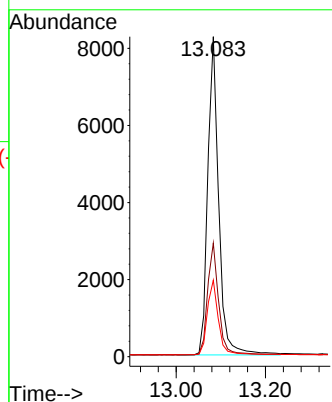
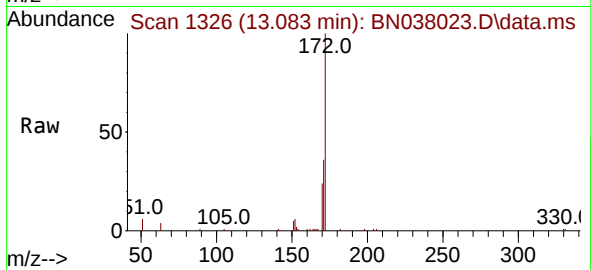




#15  
2-Fluorobiphenyl  
Concen: 0.375 ng  
RT: 13.083 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

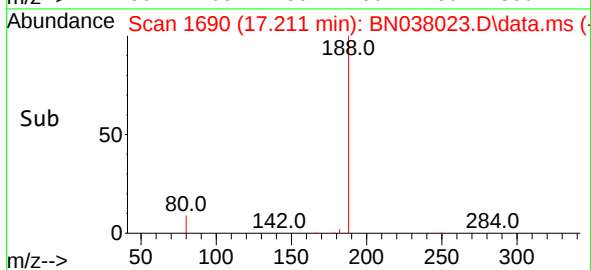
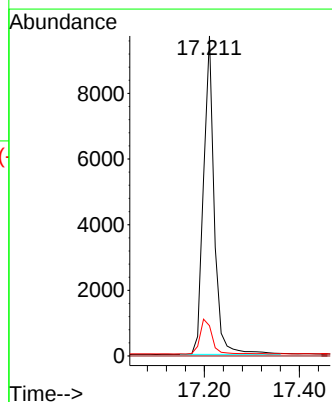
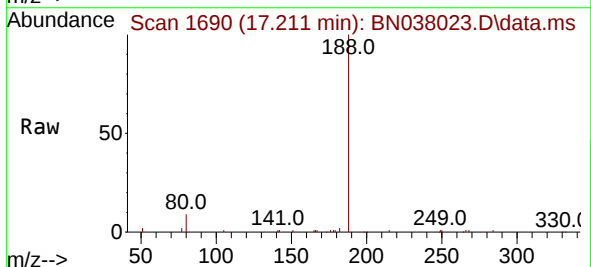
Instrument :  
BNA\_N  
ClientSampleId :  
PB169904BL

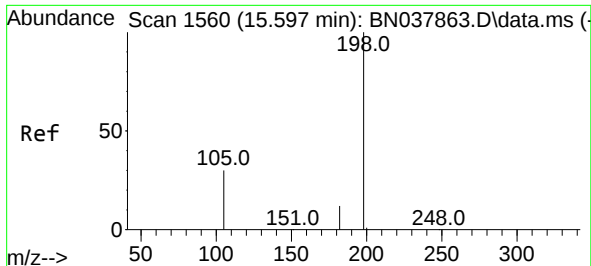
Tgt Ion:172 Resp: 13974  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.9 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.211 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

Tgt Ion:188 Resp: 15264  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.5 7.6 11.4

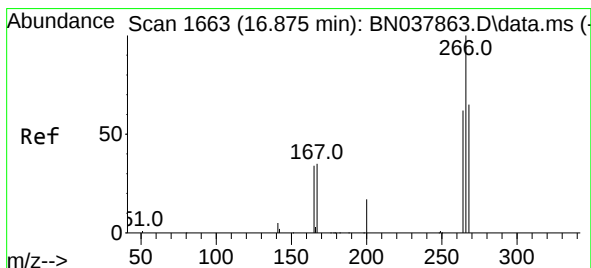
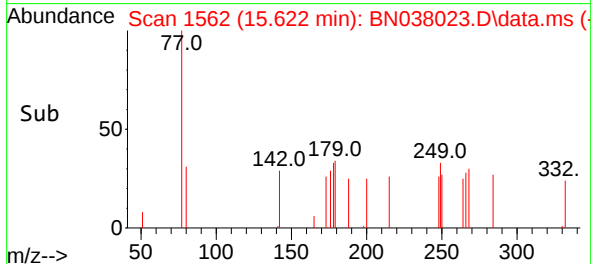
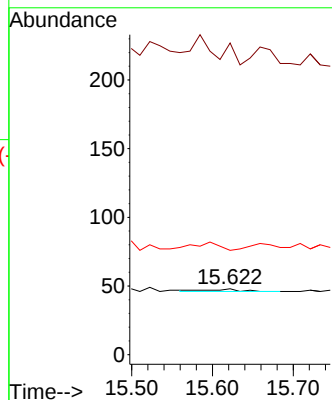
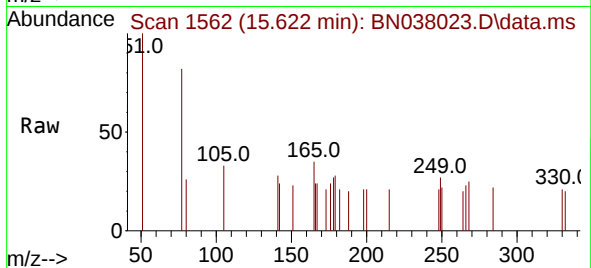




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.070 ng  
RT: 15.622 min Scan# 1562  
Delta R.T. 0.025 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

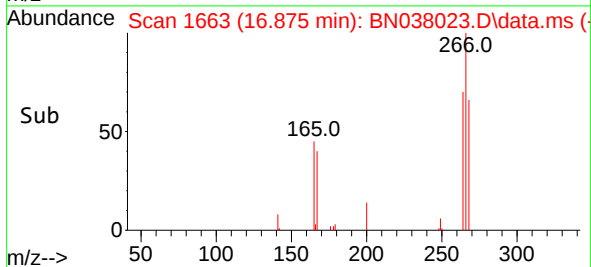
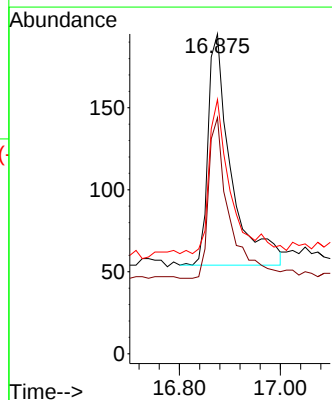
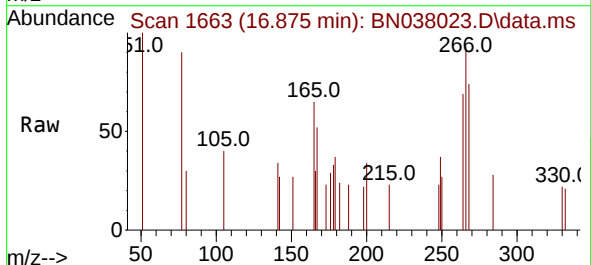
Instrument :  
BNA\_N  
ClientSampleId :  
PB169904BL

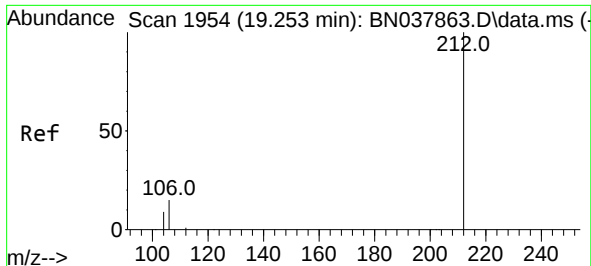
Tgt Ion:198 Resp: 5  
Ion Ratio Lower Upper  
198 100  
51 472.9 59.1 88.7#  
105 158.3 41.3 61.9#



#24  
Pentachlorophenol  
Concen: 0.107 ng  
RT: 16.875 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

Tgt Ion:266 Resp: 443  
Ion Ratio Lower Upper  
266 100  
264 63.0 50.9 76.3  
268 63.9 54.3 81.5

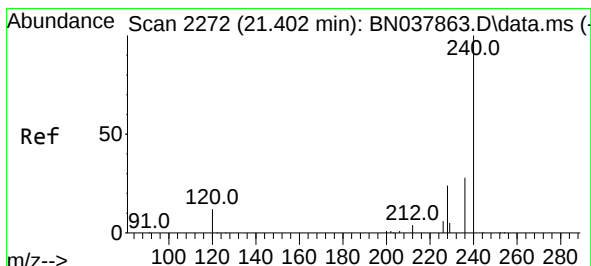
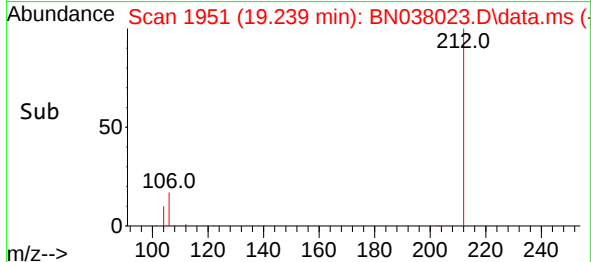
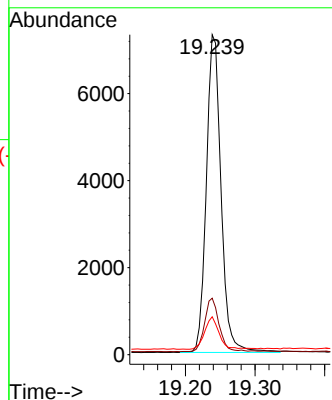
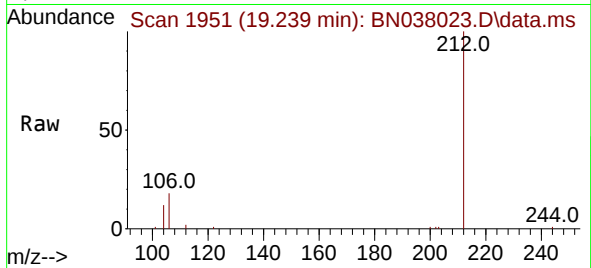




#27  
Fluoranthene-d10  
Concen: 0.279 ng  
RT: 19.239 min Scan# 1951  
Delta R.T. -0.014 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

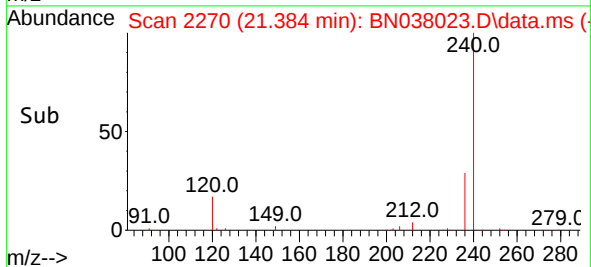
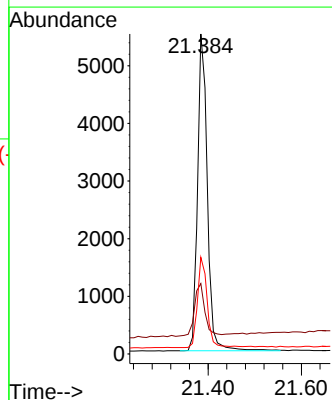
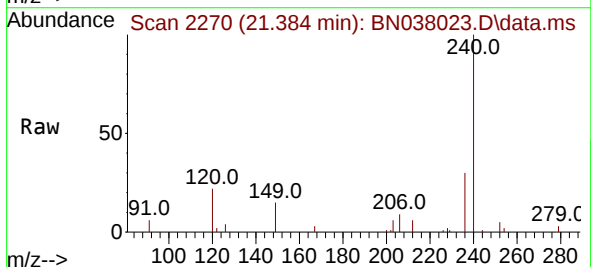
Instrument :  
BNA\_N  
ClientSampleId :  
PB169904BL

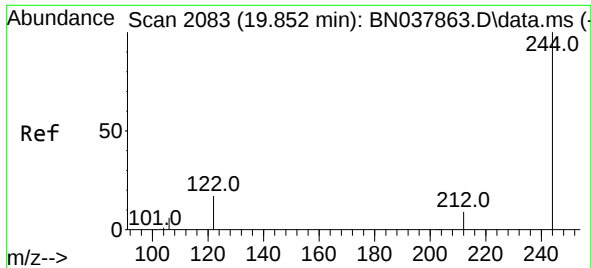
Tgt Ion:212 Resp: 10714  
Ion Ratio Lower Upper  
212 100  
106 16.7 12.6 19.0  
104 10.2 7.4 11.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.384 min Scan# 2270  
Delta R.T. -0.018 min  
Lab File: BN038023.D  
Acq: 07 Oct 2025 00:08

Tgt Ion:240 Resp: 8024  
Ion Ratio Lower Upper  
240 100  
120 22.0 11.4 17.2#  
236 30.2 23.0 34.6

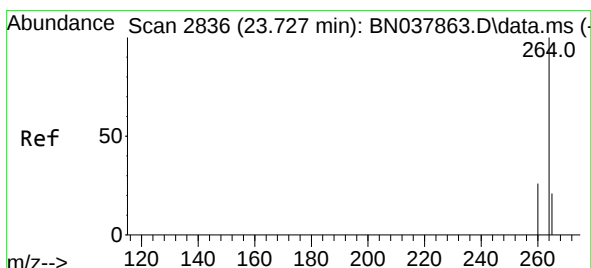
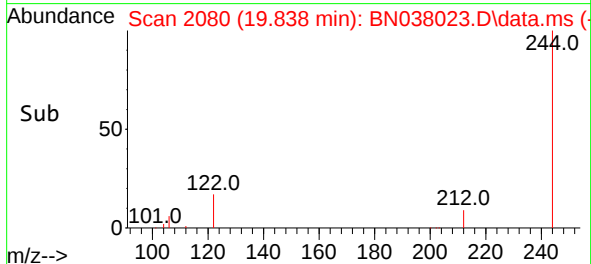
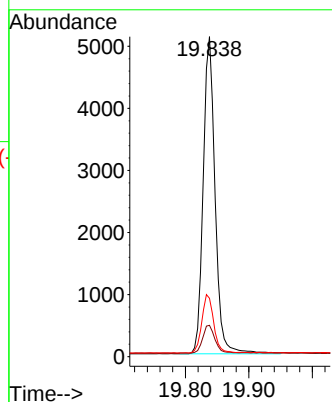
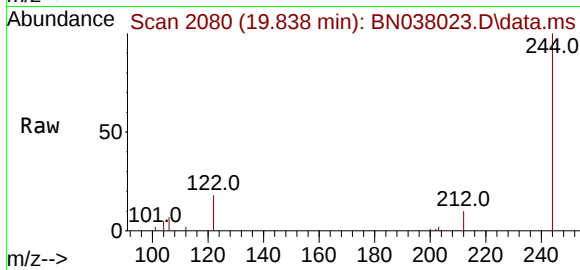




#31  
 Terphenyl-d14  
 Concen: 0.417 ng  
 RT: 19.838 min Scan# 2080  
 Delta R.T. -0.014 min  
 Lab File: BN038023.D  
 Acq: 07 Oct 2025 00:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169904BL

Tgt Ion:244 Resp: 6667  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 7.6 11.4  
 122 18.2 13.9 20.9



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.706 min Scan# 2829  
 Delta R.T. -0.021 min  
 Lab File: BN038023.D  
 Acq: 07 Oct 2025 00:08

Tgt Ion:264 Resp: 7902  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 21.5 32.3  
 265 123.9 53.8 80.6#

