

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100625\  
 Data File : BN038026.D  
 Acq On : 07 Oct 2025 01:57  
 Operator : RC/JU  
 Sample : Q3194-16  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EB06-20250924

Quant Time: Oct 07 04:16:33 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

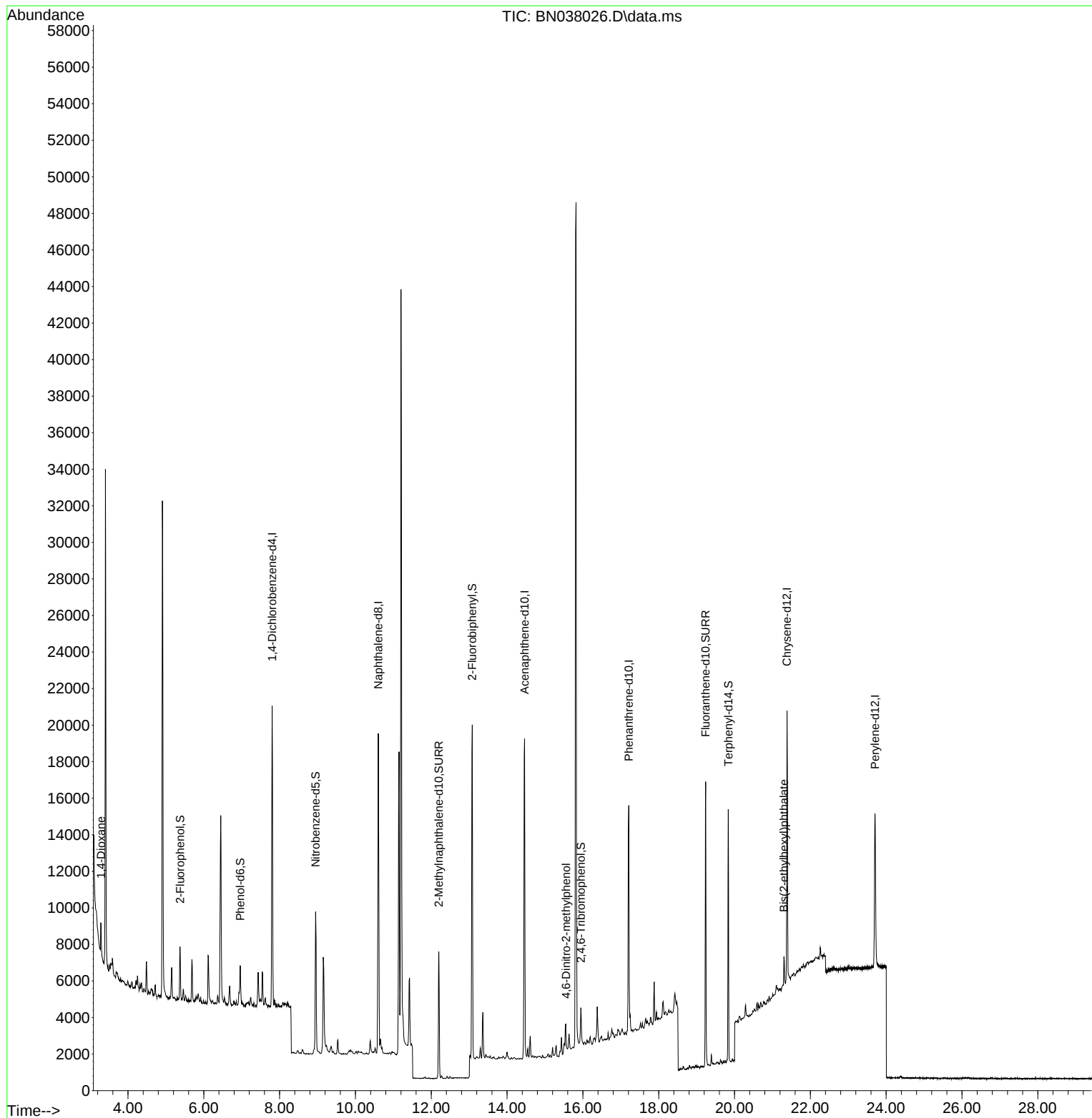
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 7814     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.605 | 136  | 22108    | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.462 | 164  | 10302    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.211 | 188  | 18362    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.384 | 240  | 13636    | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.706 | 264  | 11958    | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.377  | 112  | 2337     | 0.131 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.959  | 99   | 1758     | 0.075 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 6053     | 0.359 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.197 | 152  | 9534     | 0.310 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.945 | 330  | 1131     | 0.290 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 13.083 | 172  | 16674    | 0.395 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.239 | 212  | 16216    | 0.351 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.838 | 244  | 12770    | 0.470 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.290  | 88   | 878      | 0.111 | ng    | # 39     |
| 20) 4,6-Dinitro-2-methylph... | 15.560 | 198  | 7        | 0.071 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 1809     | 0.096 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

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

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Sample : Q3194-16  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EB06-20250924

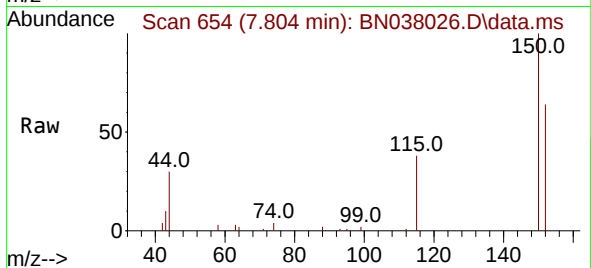
Quant Time: Oct 07 04:16:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



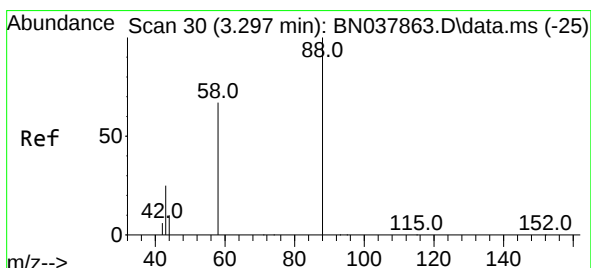
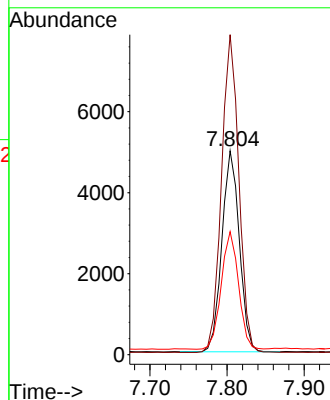
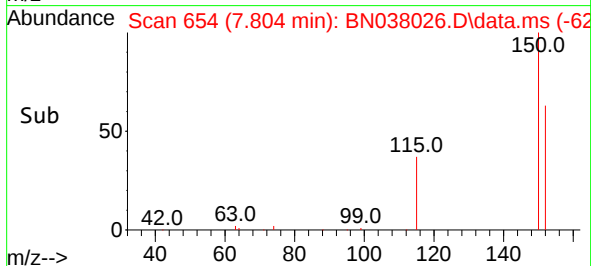


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.804 min Scan# 61  
 Delta R.T. -0.021 min  
 Lab File: BN038026.D  
 Acq: 07 Oct 2025 01:57

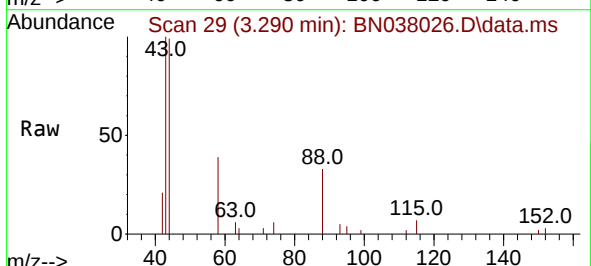
Instrument :  
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 ClientSampleId :  
 EB06-20250924



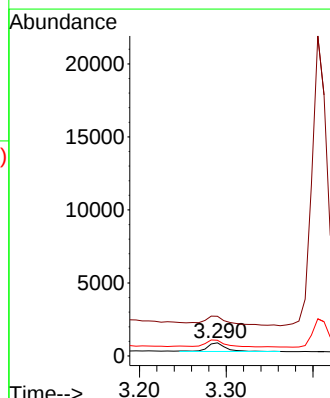
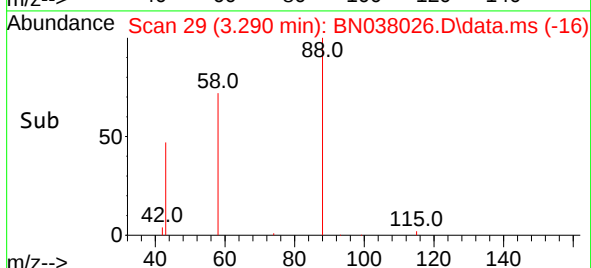
Tgt Ion:152 Resp: 7814  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 121.0 181.4  
 115 60.4 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 0.111 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN038026.D  
 Acq: 07 Oct 2025 01:57



Tgt Ion: 88 Resp: 878  
 Ion Ratio Lower Upper  
 88 100  
 43 136.2 26.6 39.8#  
 58 78.7 58.9 88.3

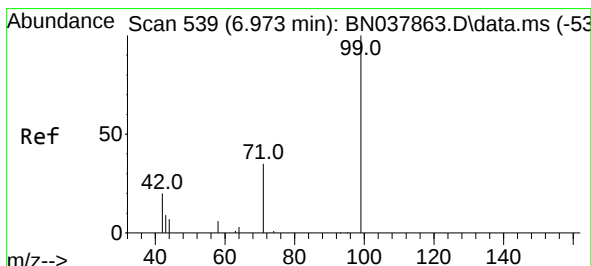
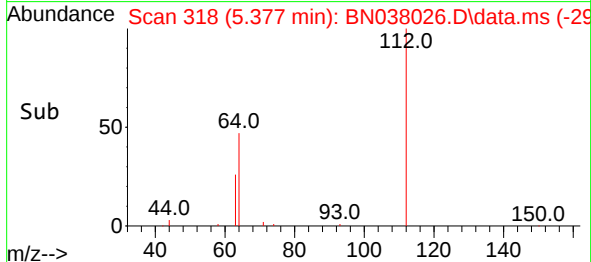
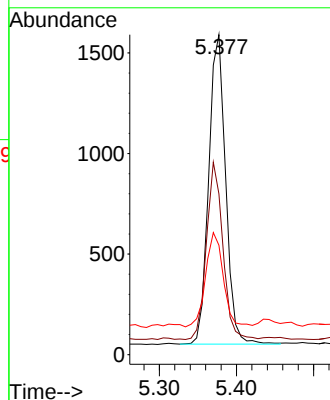
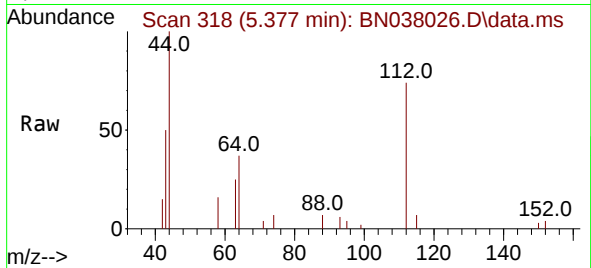




#4  
2-Fluorophenol  
Concen: 0.131 ng  
RT: 5.377 min Scan# 319  
Delta R.T. -0.007 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

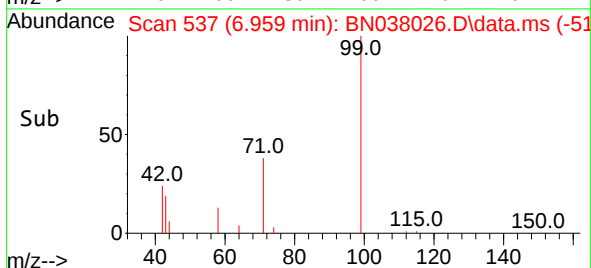
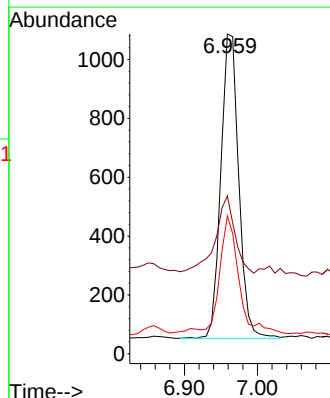
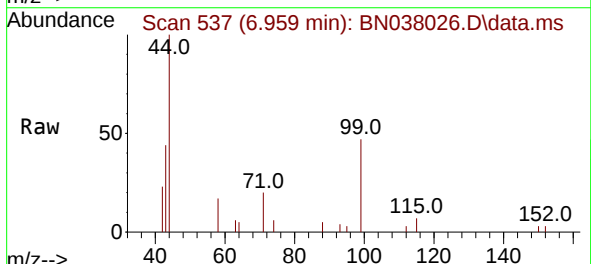
Instrument :  
BNA\_P  
ClientSampleId :  
EB06-20250924

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2337  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 55.6  | 44.6  | 66.8  |
| 63       | 31.8  | 24.9  | 37.3  |



#5  
Phenol-d6  
Concen: 0.075 ng  
RT: 6.959 min Scan# 537  
Delta R.T. -0.014 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1758  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.9  | 17.2  | 25.8# |
| 71       | 42.4  | 27.3  | 40.9# |

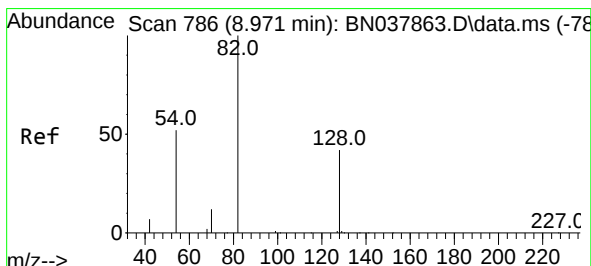
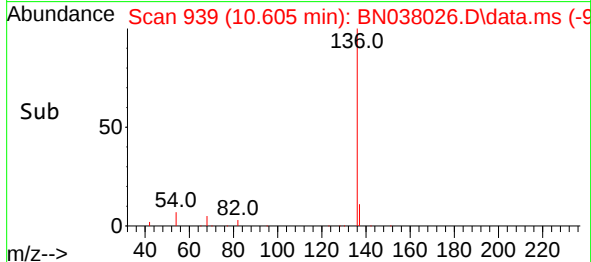
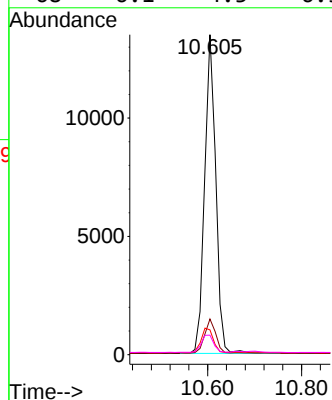
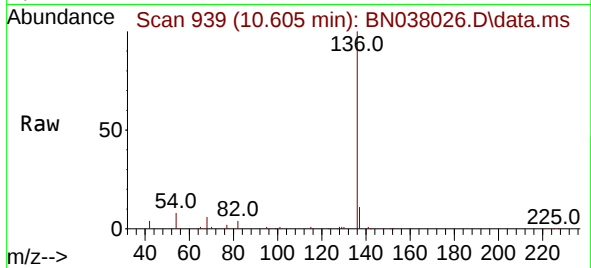




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

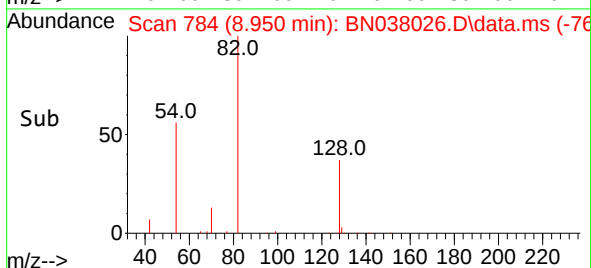
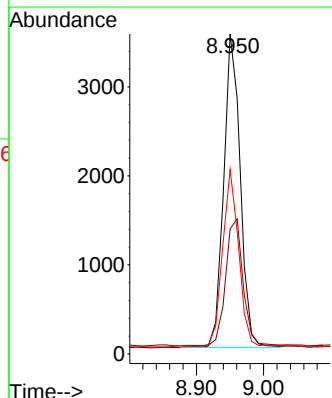
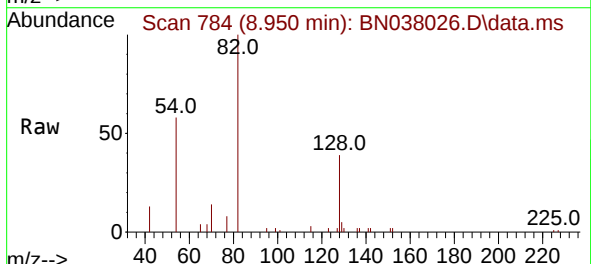
Instrument :  
BNA\_P  
ClientSampleId :  
EB06-20250924

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 22108 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.4  |
| 54        | 7.8   | 5.8   | 8.8   |
| 68        | 6.1   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.359 ng  
RT: 8.950 min Scan# 784  
Delta R.T. -0.021 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6053 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 39.1  | 34.8  | 52.2 |
| 54        | 57.7  | 42.2  | 63.2 |

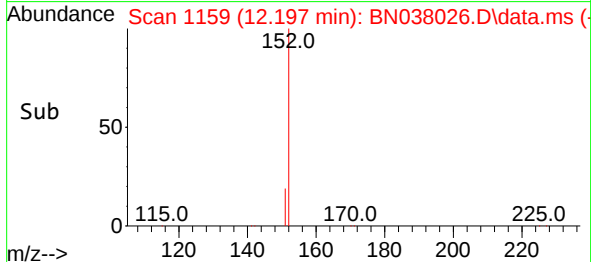
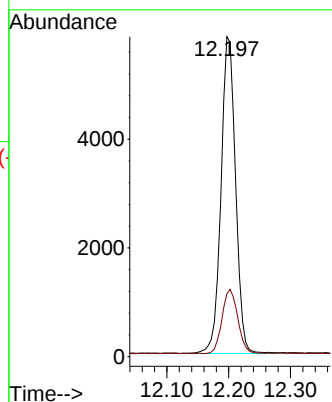
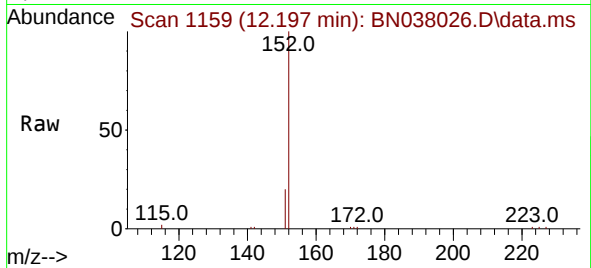




#11  
2-Methylnaphthalene-d10  
Concen: 0.310 ng  
RT: 12.197 min Scan# 1163  
Delta R.T. -0.020 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

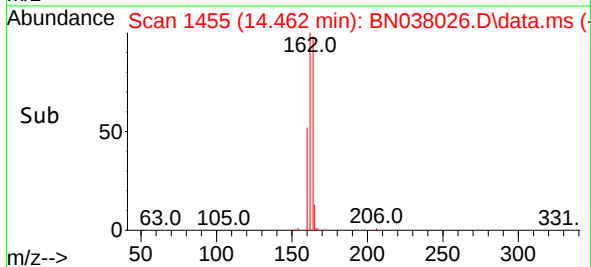
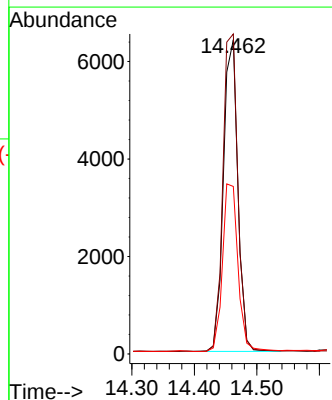
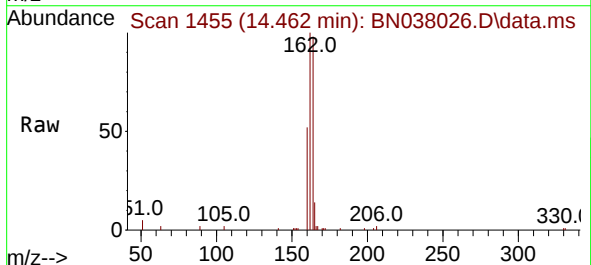
Instrument :  
BNA\_P  
ClientSampleId :  
EB06-20250924

Tgt Ion:152 Resp: 9534  
Ion Ratio Lower Upper  
152 100  
151 22.0 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: BN038026.D  
Acq: 07 Oct 2025 01:57

Tgt Ion:164 Resp: 10302  
Ion Ratio Lower Upper  
164 100  
162 101.9 84.8 127.2  
160 53.3 46.1 69.1

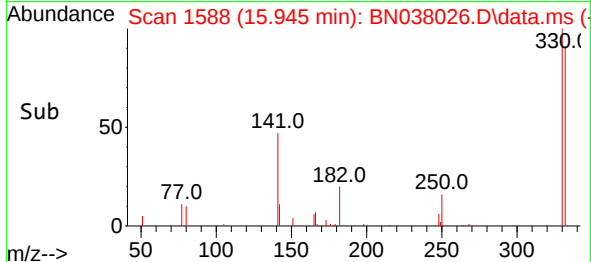
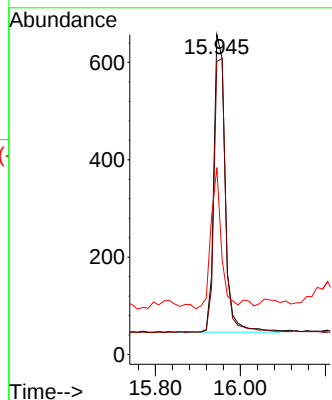
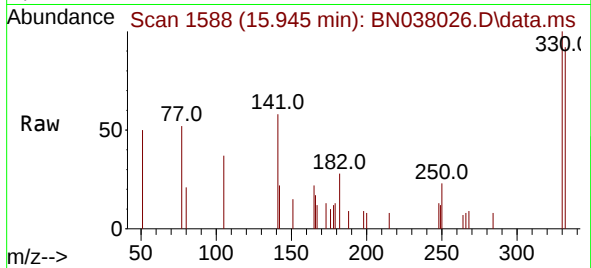




#14  
2,4,6-Tribromophenol  
Concen: 0.290 ng  
RT: 15.945 min Scan# 1588  
Delta R.T. -0.024 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

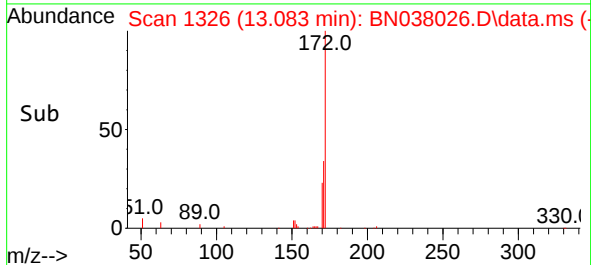
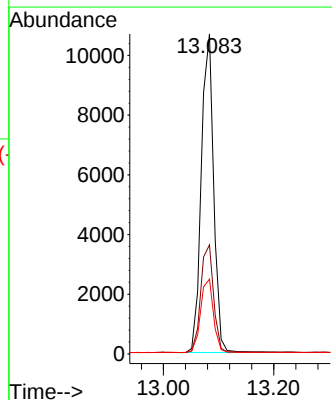
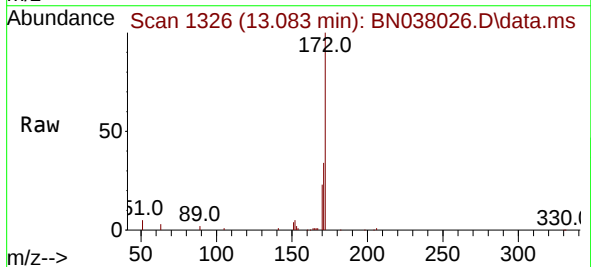
Instrument :  
BNA\_P  
ClientSampleId :  
EB06-20250924

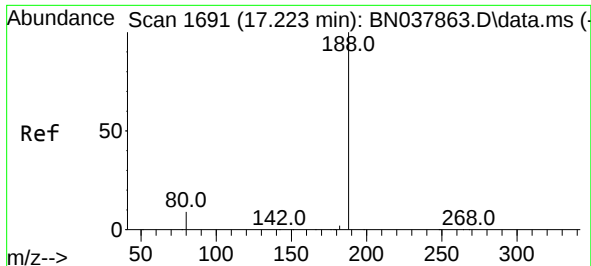
Tgt Ion:330 Resp: 1131  
Ion Ratio Lower Upper  
330 100  
332 93.3 77.2 115.8  
141 43.3 37.2 55.8



#15  
2-Fluorobiphenyl  
Concen: 0.395 ng  
RT: 13.083 min Scan# 1326  
Delta R.T. -0.011 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

Tgt Ion:172 Resp: 16674  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.6 43.0  
170 23.4 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.211 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN038026.D

Acq: 07 Oct 2025 01:57

Instrument :

BNA\_P

ClientSampleId :

EB06-20250924

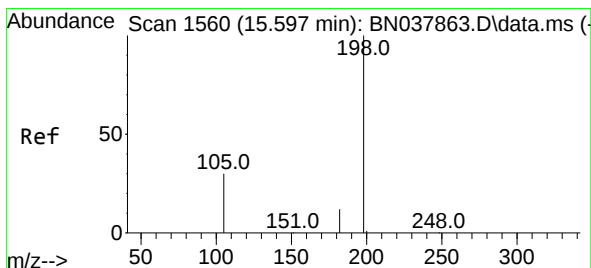
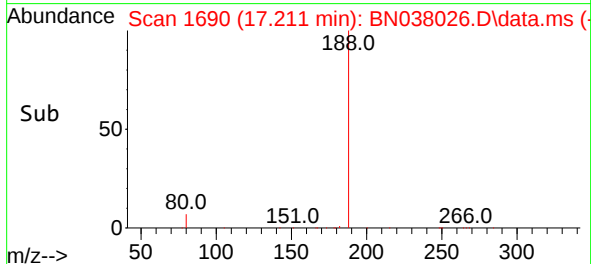
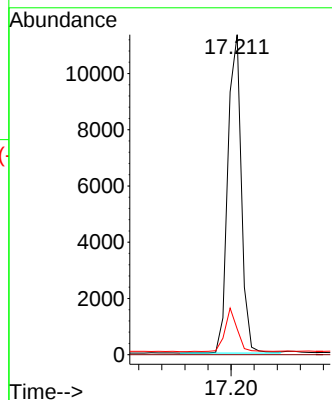
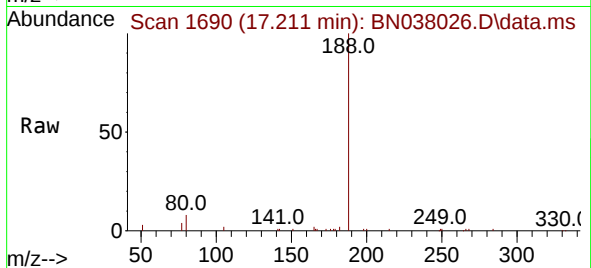
Tgt Ion:188 Resp: 18362

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.071 ng

RT: 15.560 min Scan# 1557

Delta R.T. -0.037 min

Lab File: BN038026.D

Acq: 07 Oct 2025 01:57

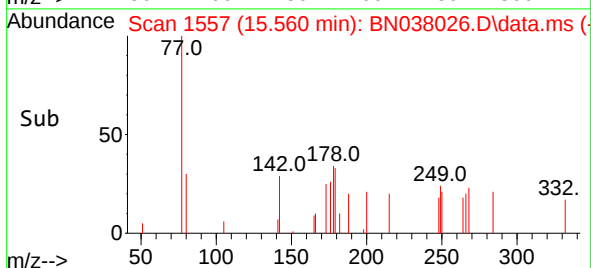
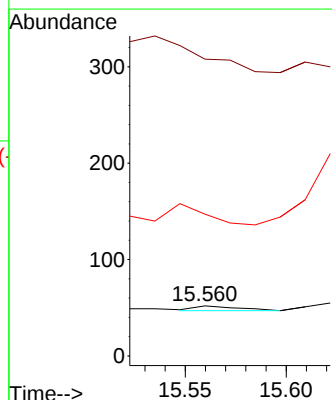
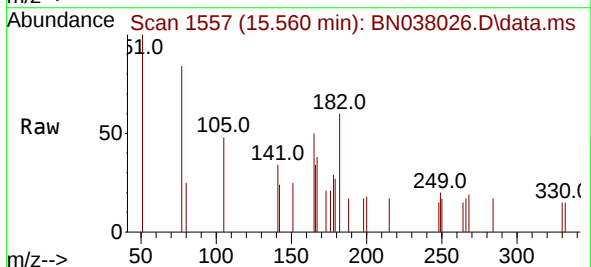
Tgt Ion:198 Resp: 7

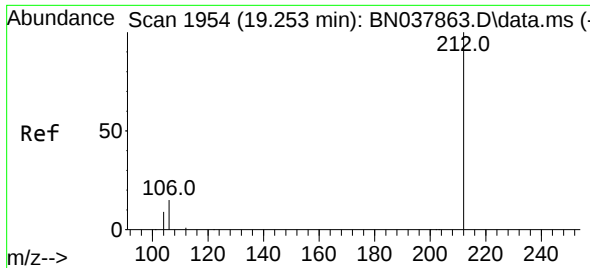
Ion Ratio Lower Upper

198 100

51 592.3 59.1 88.7#

105 282.7 41.3 61.9#

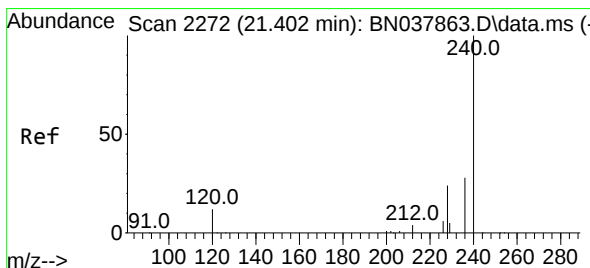
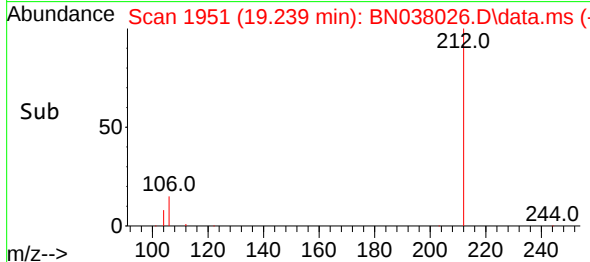
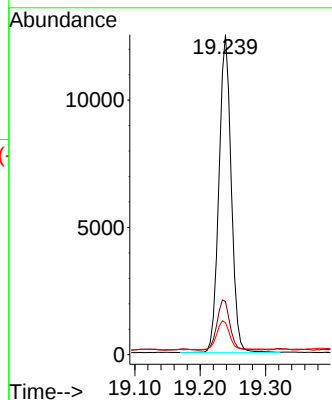
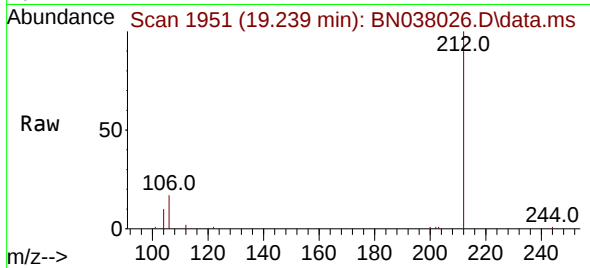




#27  
Fluoranthene-d10  
Concen: 0.351 ng  
RT: 19.239 min Scan# 1951  
Delta R.T. -0.014 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

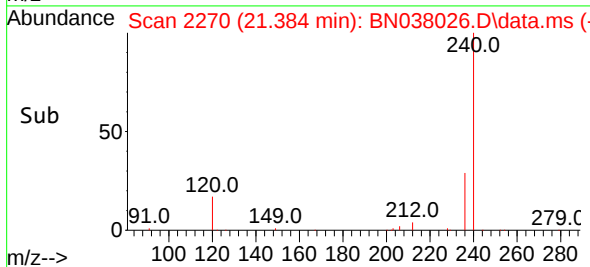
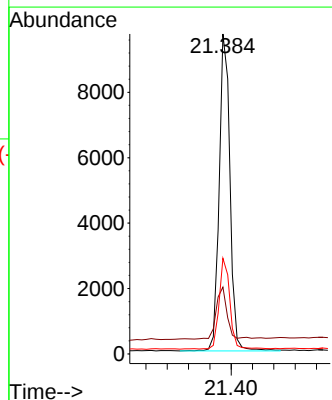
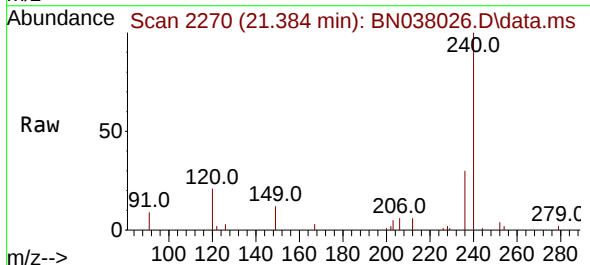
Instrument :  
BNA\_P  
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EB06-20250924

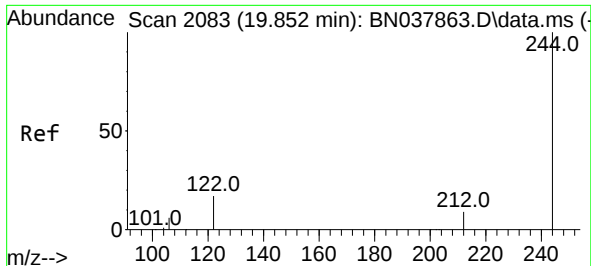
Tgt Ion:212 Resp: 16216  
Ion Ratio Lower Upper  
212 100  
106 16.8 12.6 19.0  
104 9.6 7.4 11.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.384 min Scan# 2270  
Delta R.T. -0.018 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

Tgt Ion:240 Resp: 13636  
Ion Ratio Lower Upper  
240 100  
120 20.9 11.4 17.2#  
236 29.9 23.0 34.6

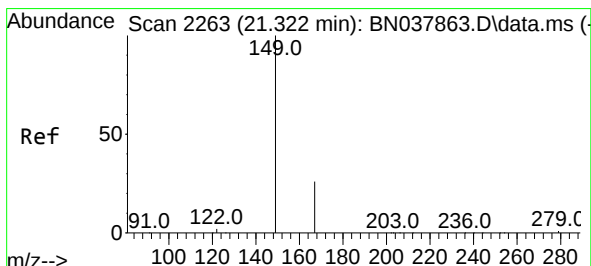
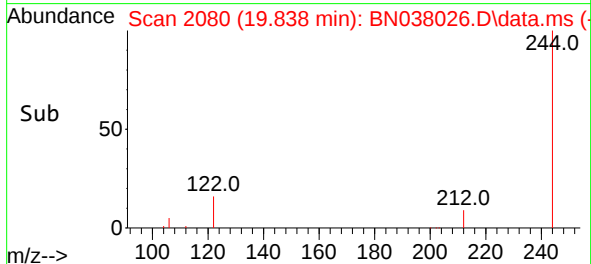
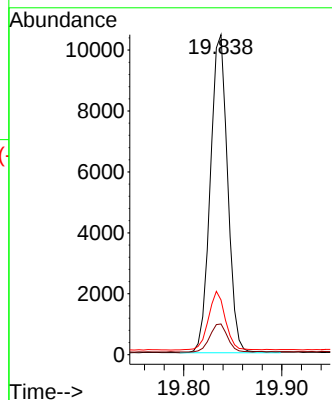
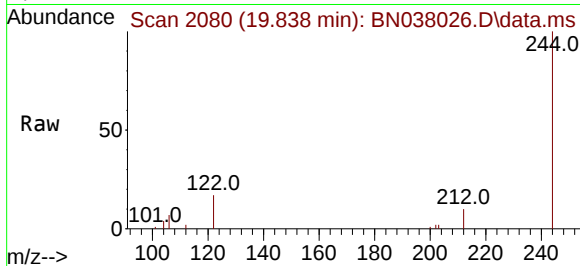




#31  
 Terphenyl-d14  
 Concen: 0.470 ng  
 RT: 19.838 min Scan# 2080  
 Delta R.T. -0.014 min  
 Lab File: BN038026.D  
 Acq: 07 Oct 2025 01:57

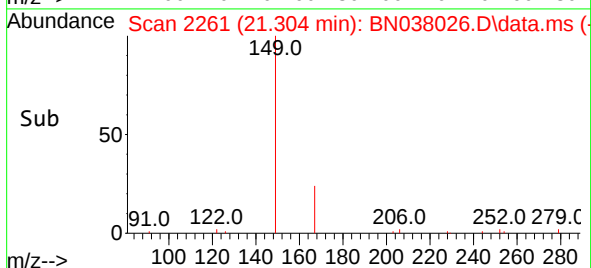
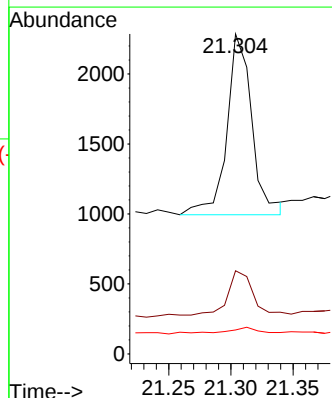
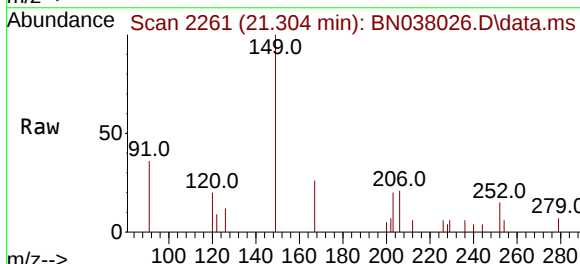
Instrument :  
 BNA\_P  
 ClientSampleId :  
 EB06-20250924

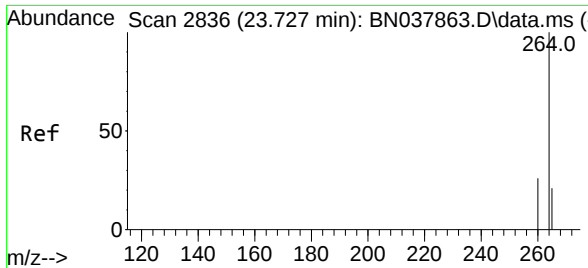
Tgt Ion:244 Resp: 12770  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 7.6 11.4  
 122 17.1 13.9 20.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.096 ng  
 RT: 21.304 min Scan# 2261  
 Delta R.T. -0.018 min  
 Lab File: BN038026.D  
 Acq: 07 Oct 2025 01:57

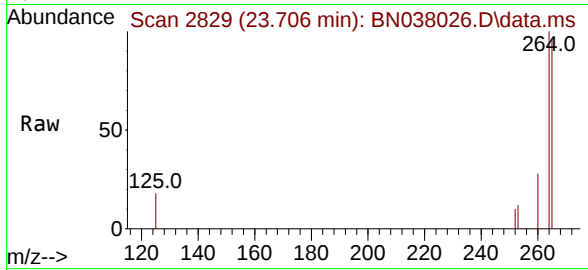
Tgt Ion:149 Resp: 1809  
 Ion Ratio Lower Upper  
 149 100  
 167 24.2 20.4 30.6  
 279 5.5 2.4 3.6#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.706 min Scan# 21  
Delta R.T. -0.020 min  
Lab File: BN038026.D  
Acq: 07 Oct 2025 01:57

Instrument :  
BNA\_P  
ClientSampleId :  
EB06-20250924



Tgt Ion:264 Resp: 11958  
Ion Ratio Lower Upper  
264 100  
260 27.6 21.5 32.3  
265 96.4 53.8 80.6#

