

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064462.D  
 Acq On : 29 Sep 2025 16:34  
 Operator : RC/JU  
 Sample : Q3181-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-C

Quant Time: Sep 29 18:14:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

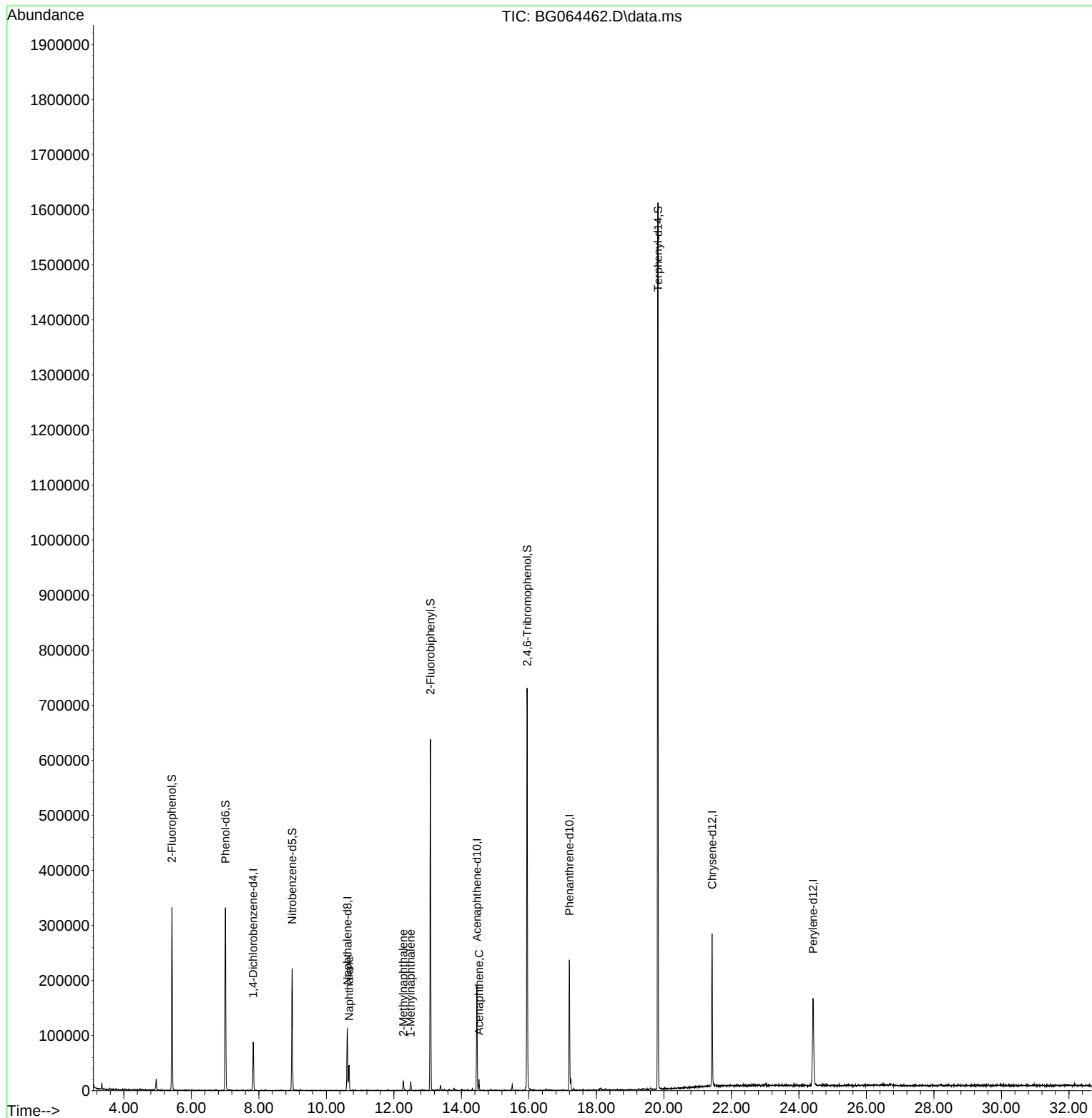
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.831  | 152  | 21958    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.622 | 136  | 91617    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.459 | 164  | 62822    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.197 | 188  | 143414   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.427 | 240  | 161191   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.418 | 264  | 173694   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 120318   | 104.710 | ng    | 0.00     |
| 7) Phenol-d6                | 7.009  | 99   | 152169   | 96.664  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.989  | 82   | 115160   | 68.121  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.951 | 330  | 145938   | 133.068 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.084 | 172  | 315760   | 74.220  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.823 | 244  | 752234   | 91.995  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.669 | 128  | 36087    | 7.545   | ng    | 95       |
| 37) 2-Methylnaphthalene     | 12.279 | 142  | 8399     | 2.326   | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.496 | 142  | 7526m    | 2.121   | ng    |          |
| 52) Acenaphthene            | 14.523 | 154  | 7237     | 2.097   | ng    | 95       |
| -----                       |        |      |          |         |       |          |

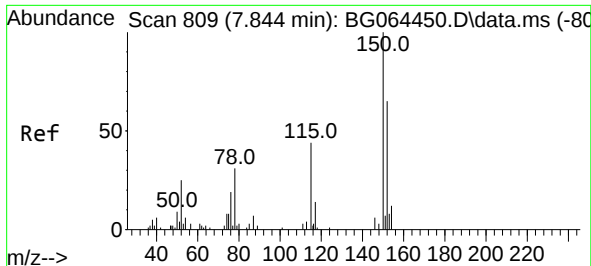
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064462.D  
Acq On : 29 Sep 2025 16:34  
Operator : RC/JU  
Sample : Q3181-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

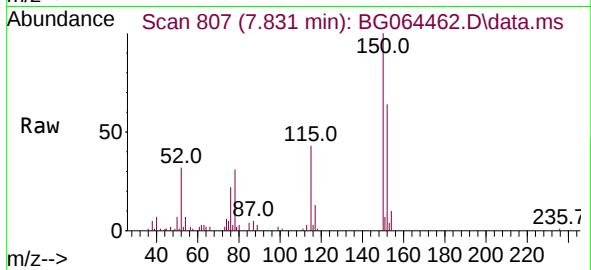
Quant Time: Sep 29 18:14:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



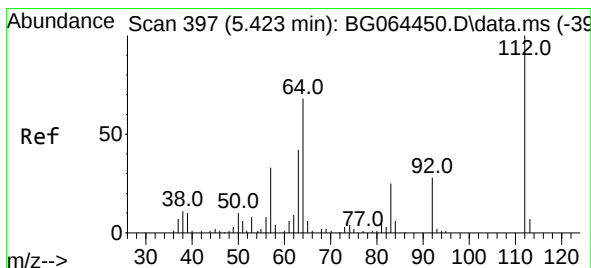
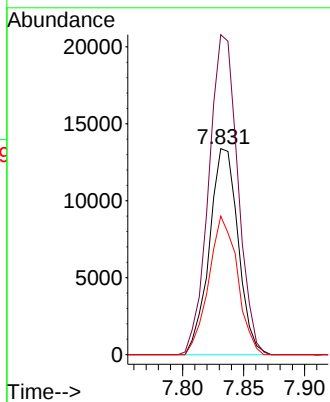
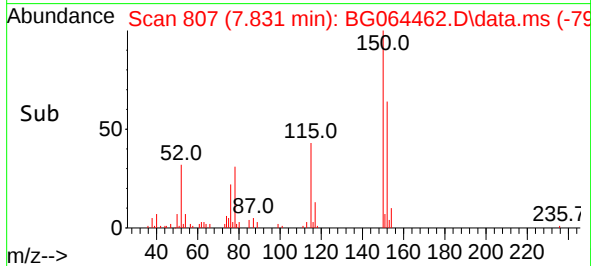


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.831 min Scan# 809  
 Delta R.T. -0.013 min  
 Lab File: BG064462.D  
 Acq: 29 Sep 2025 16:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-C

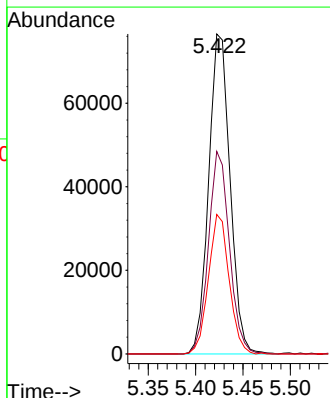
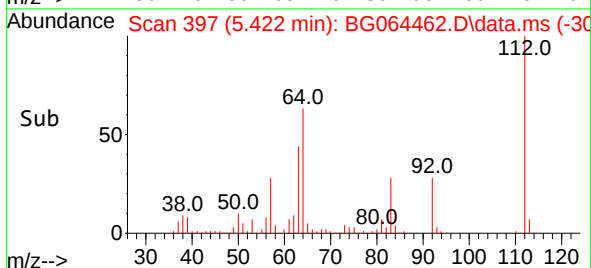
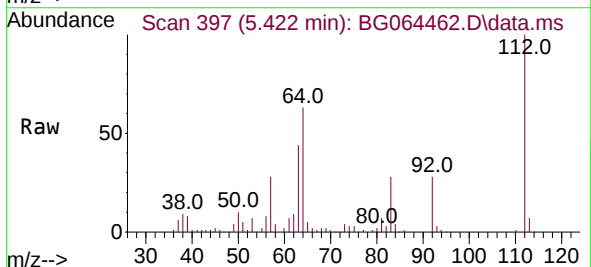


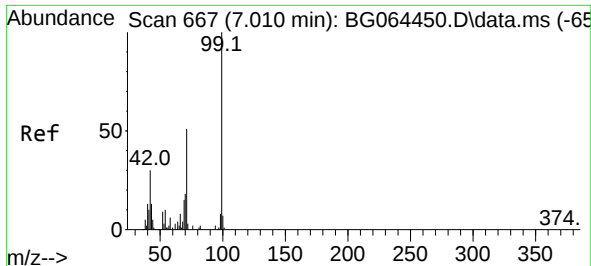
Tgt Ion:152 Resp: 21958  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 122.9 184.3  
 115 67.3 54.3 81.5



#5  
 2-Fluorophenol  
 Concen: 104.710 ng  
 RT: 5.422 min Scan# 397  
 Delta R.T. -0.001 min  
 Lab File: BG064462.D  
 Acq: 29 Sep 2025 16:34

Tgt Ion:112 Resp: 120318  
 Ion Ratio Lower Upper  
 112 100  
 64 63.3 54.0 81.0  
 63 43.6 33.8 50.6

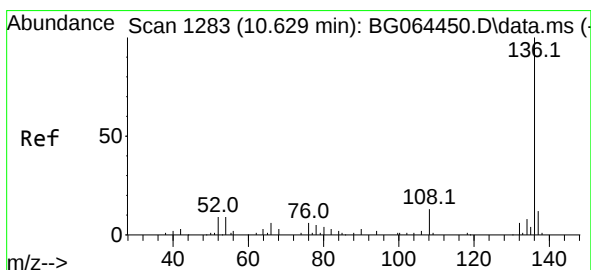
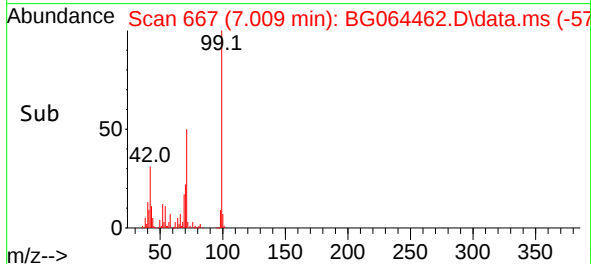
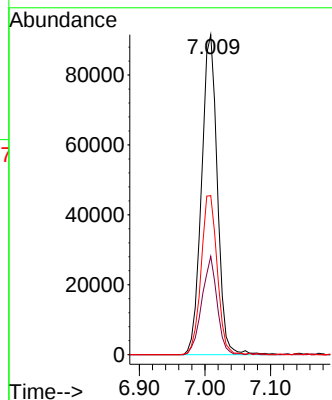
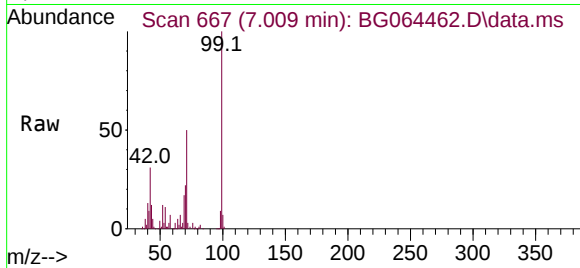




#7  
Phenol-d6  
Concen: 96.664 ng  
RT: 7.009 min Scan# 60  
Delta R.T. -0.001 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

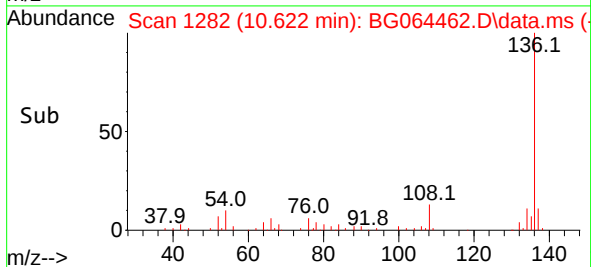
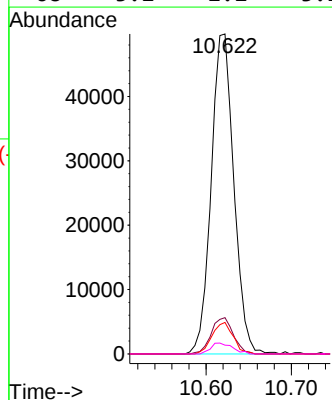
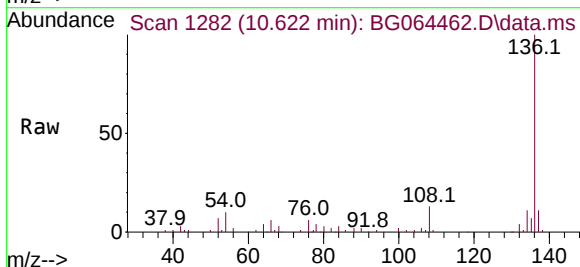
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

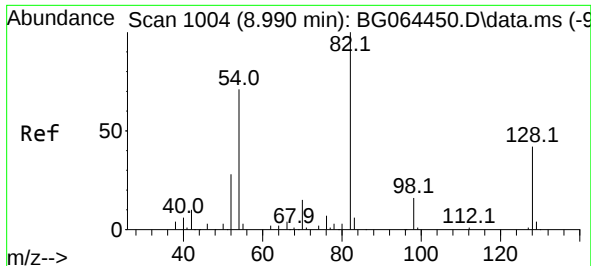
Tgt Ion: 99 Resp: 152169  
Ion Ratio Lower Upper  
99 100  
42 30.8 24.0 36.0  
71 49.7 40.5 60.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.622 min Scan# 1282  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion: 136 Resp: 91617  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.6 14.4  
54 9.8 7.4 11.2  
68 3.2 2.2 3.2





#23

Nitrobenzene-d5

Concen: 68.121 ng

RT: 8.989 min Scan# 1004

Delta R.T. -0.001 min

Lab File: BG064462.D

Acq: 29 Sep 2025 16:34

Instrument :

BNA\_G

ClientSampleId :

WC-A3-01-C

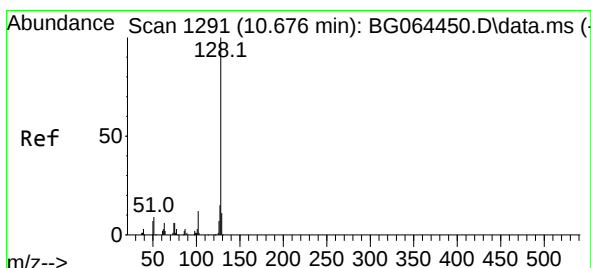
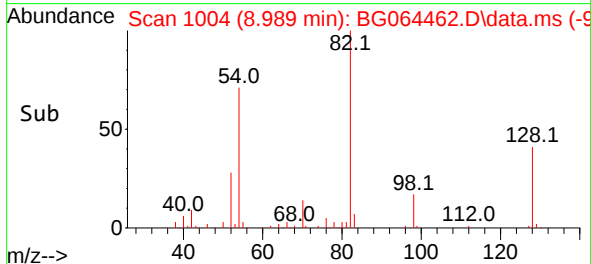
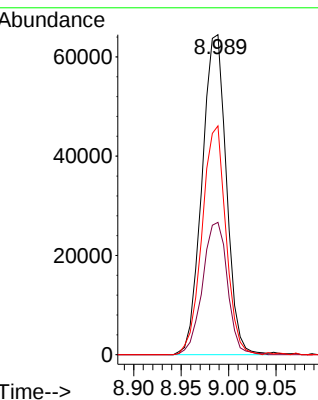
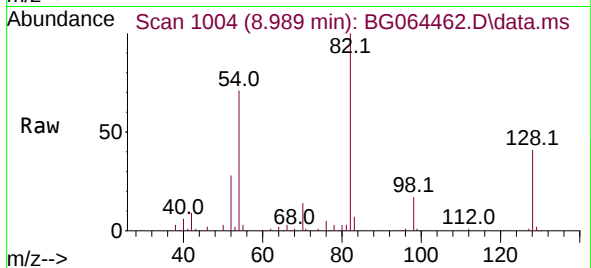
Tgt Ion: 82 Resp: 115160

Ion Ratio Lower Upper

82 100

128 41.3 33.7 50.5

54 71.5 57.0 85.6



#31

Naphthalene

Concen: 7.545 ng

RT: 10.669 min Scan# 1290

Delta R.T. -0.007 min

Lab File: BG064462.D

Acq: 29 Sep 2025 16:34

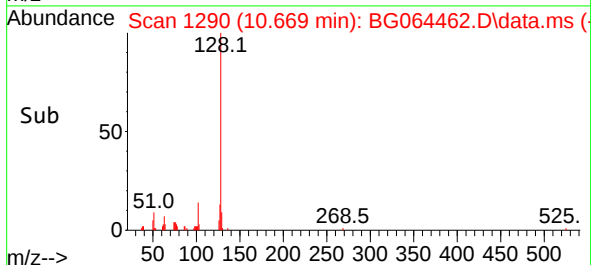
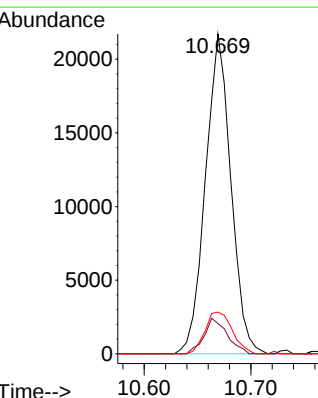
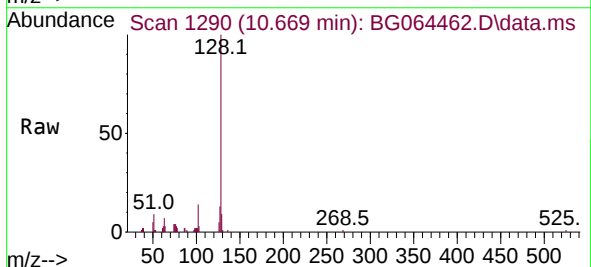
Tgt Ion:128 Resp: 36087

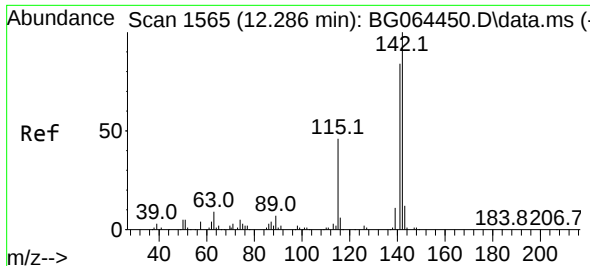
Ion Ratio Lower Upper

128 100

129 9.5 9.2 13.8

127 13.1 12.1 18.1

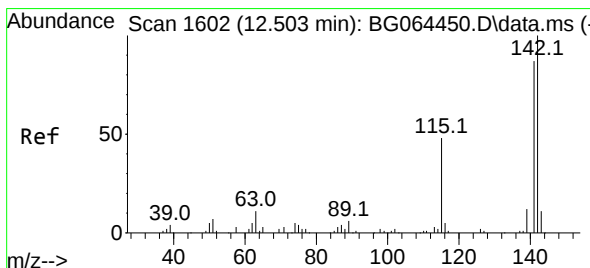
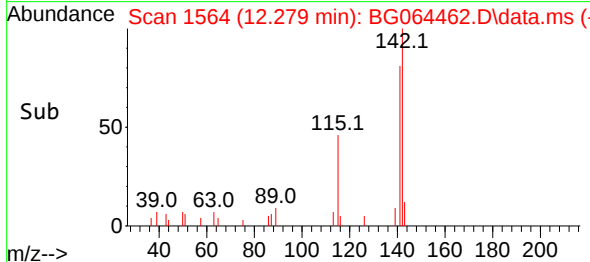
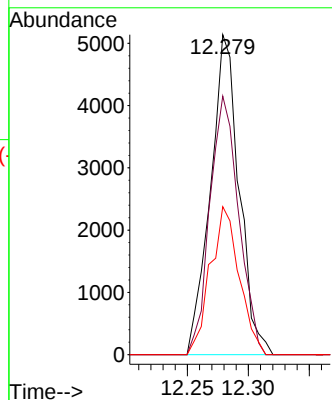
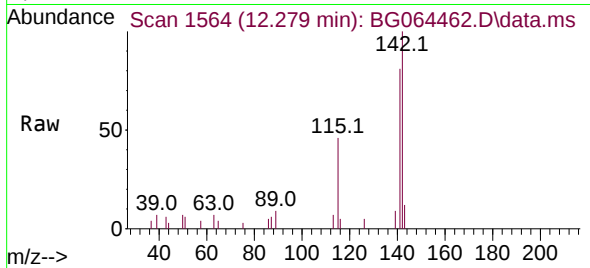




#37  
2-Methylnaphthalene  
Concen: 2.326 ng  
RT: 12.279 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

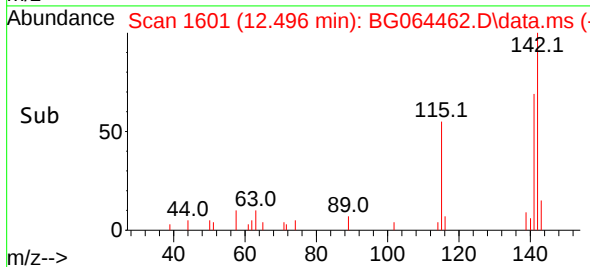
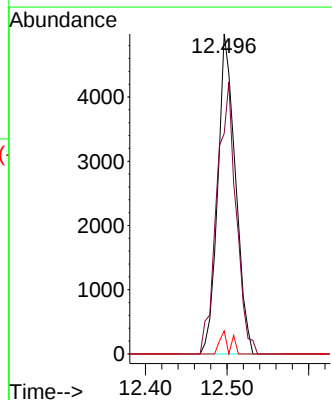
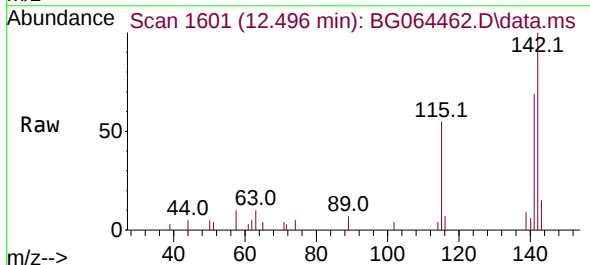
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

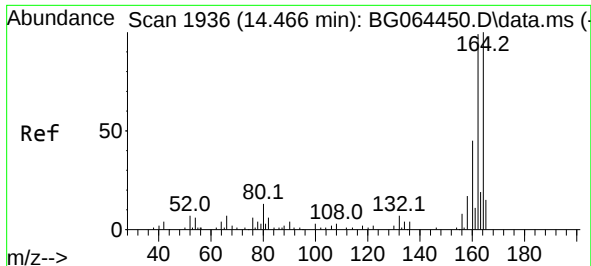
Tgt Ion:142 Resp: 8399  
Ion Ratio Lower Upper  
142 100  
141 80.8 67.3 100.9  
115 46.2 37.0 55.4



#38  
1-Methylnaphthalene  
Concen: 2.121 ng m  
RT: 12.496 min Scan# 1601  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:142 Resp: 7526  
Ion Ratio Lower Upper  
142 100  
141 68.9 69.2 103.8#  
116 7.2 4.2 6.4#

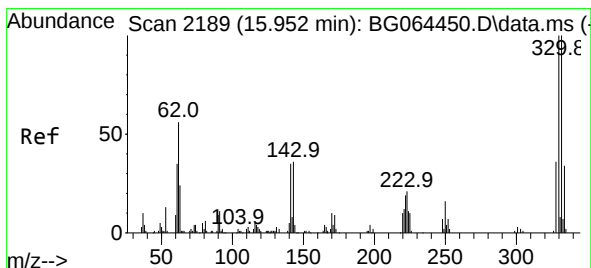
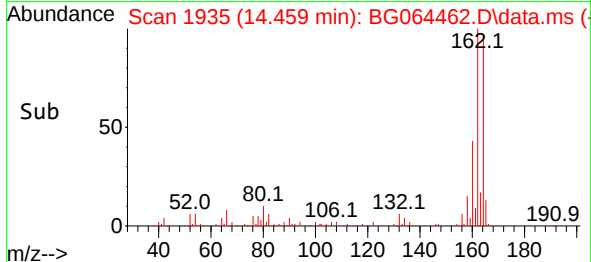
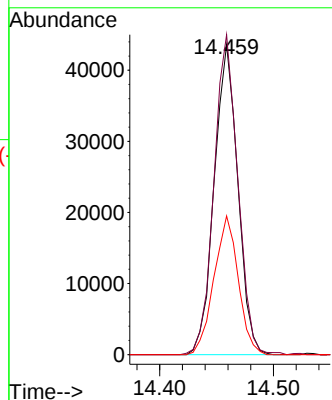
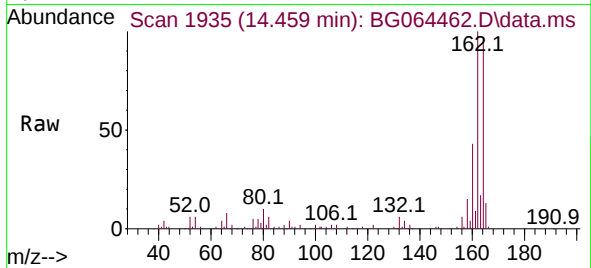




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.459 min Scan# 1936  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

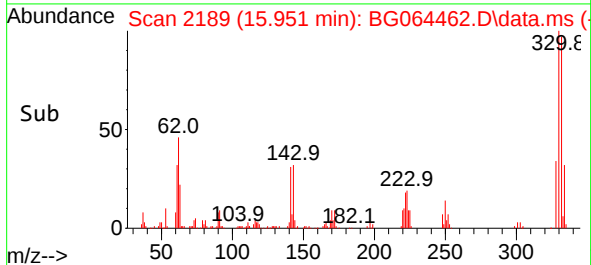
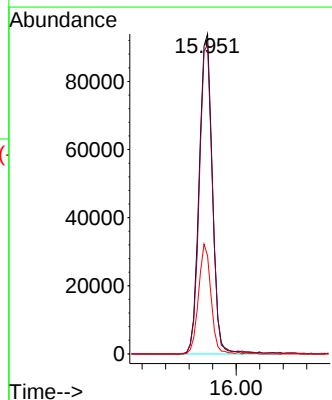
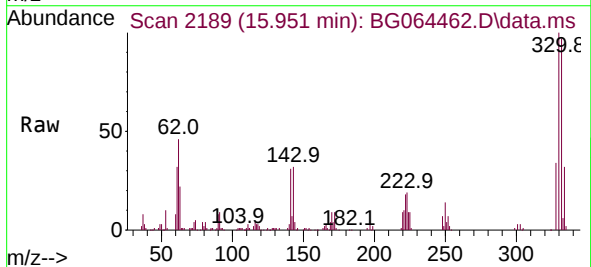
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

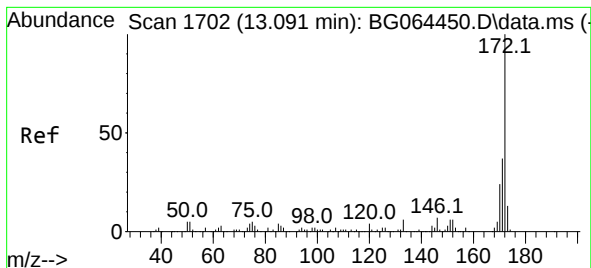
Tgt Ion:164 Resp: 62822  
Ion Ratio Lower Upper  
164 100  
162 103.2 79.0 118.4  
160 44.7 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 133.068 ng  
RT: 15.951 min Scan# 2189  
Delta R.T. -0.001 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:330 Resp: 145938  
Ion Ratio Lower Upper  
330 100  
332 95.7 78.8 118.2  
141 32.1 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 74.220 ng

RT: 13.084 min Scan# 1701

Delta R.T. -0.007 min

Lab File: BG064462.D

Acq: 29 Sep 2025 16:34

Instrument :

BNA\_G

ClientSampleId :

WC-A3-01-C

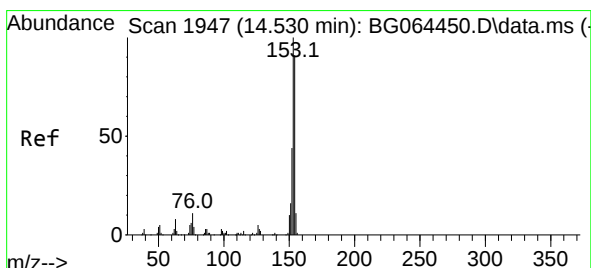
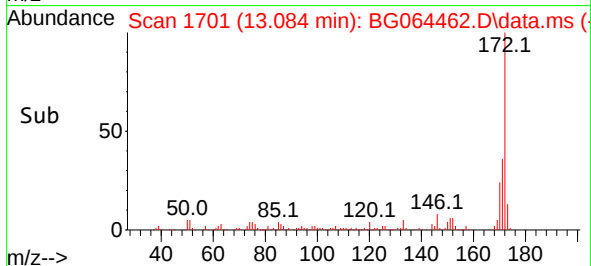
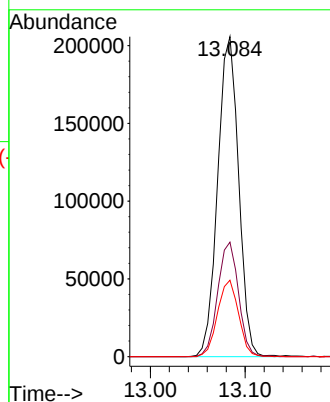
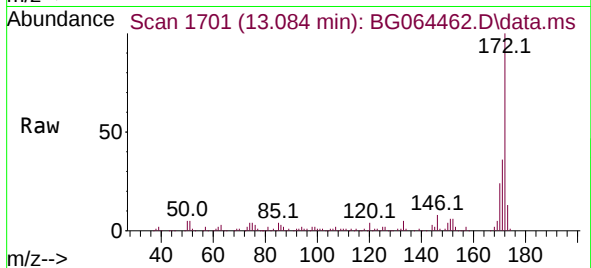
Tgt Ion:172 Resp: 315760

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.2

170 23.9 18.9 28.3



#52

Acenaphthene

Concen: 2.097 ng

RT: 14.523 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG064462.D

Acq: 29 Sep 2025 16:34

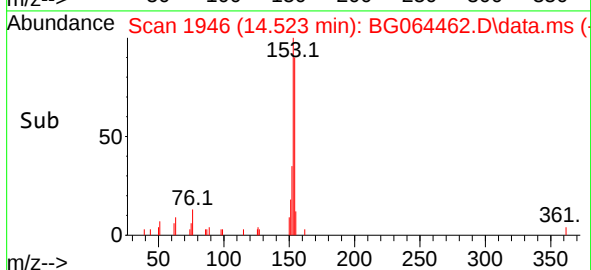
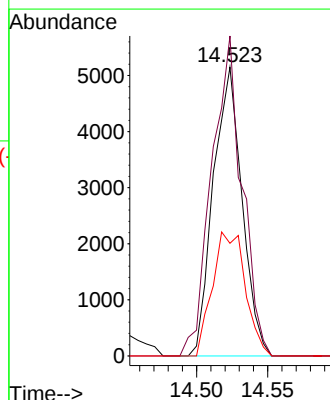
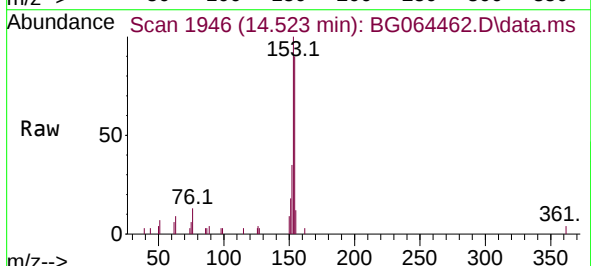
Tgt Ion:154 Resp: 7237

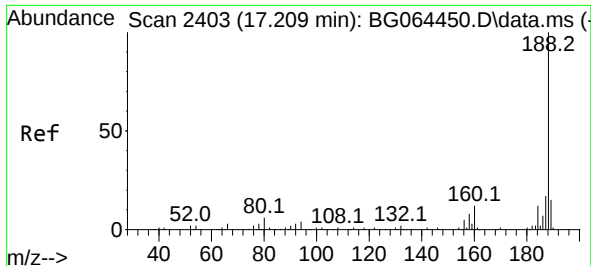
Ion Ratio Lower Upper

154 100

153 110.8 88.1 132.1

152 39.0 39.0 58.4

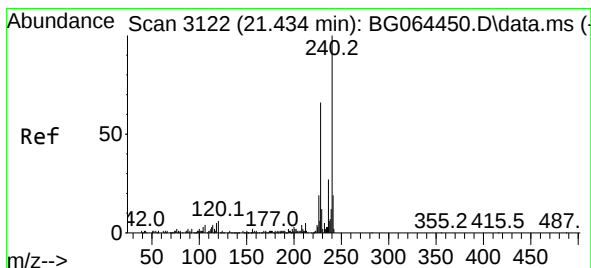
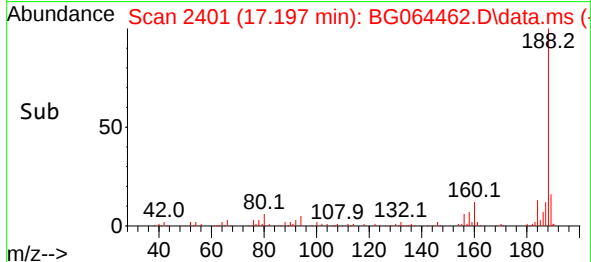
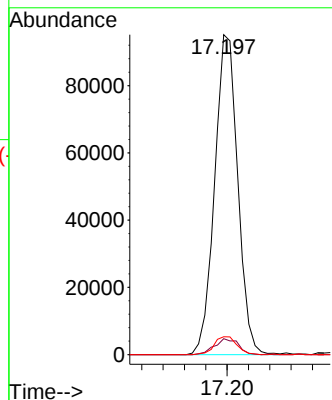
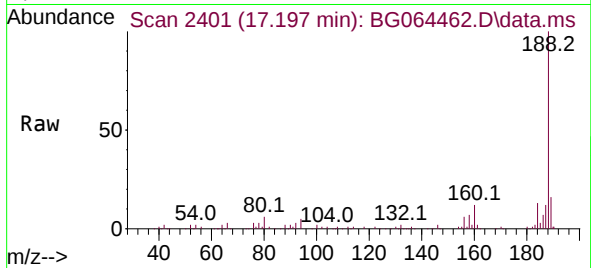




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.197 min Scan# 2401  
Delta R.T. -0.013 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

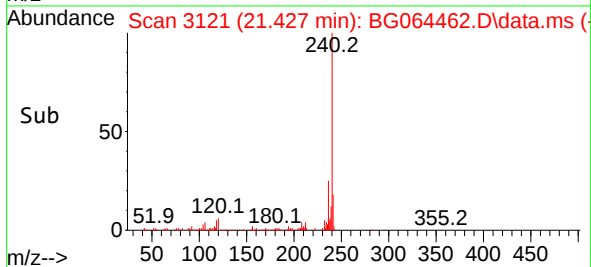
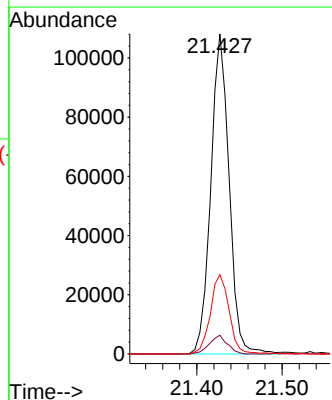
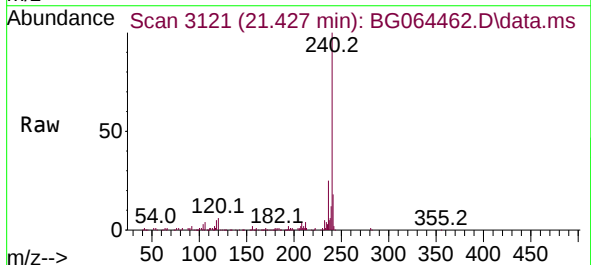
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

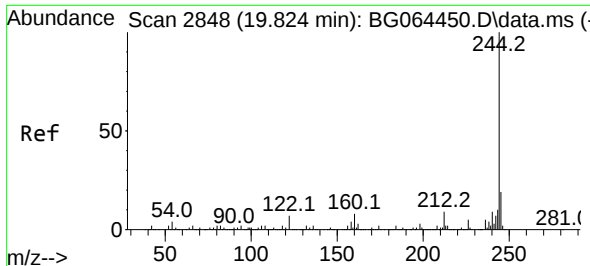
Tgt Ion:188 Resp: 143414  
Ion Ratio Lower Upper  
188 100  
94 5.0 3.0 4.4#  
80 5.6 4.9 7.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.427 min Scan# 3121  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:240 Resp: 161191  
Ion Ratio Lower Upper  
240 100  
120 5.8 5.0 7.4  
236 24.7 21.9 32.9

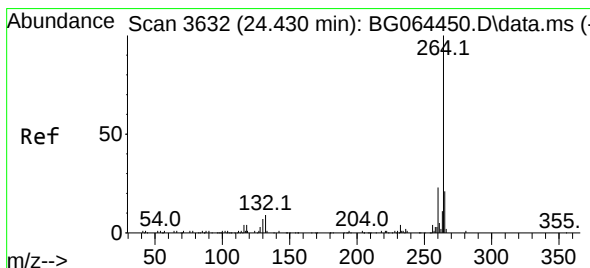
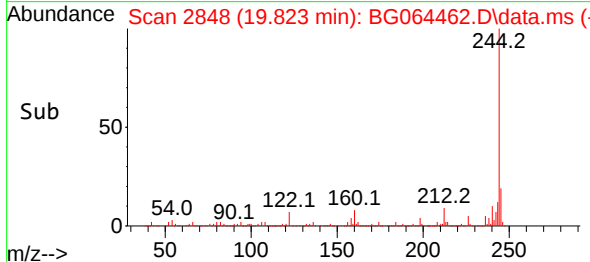
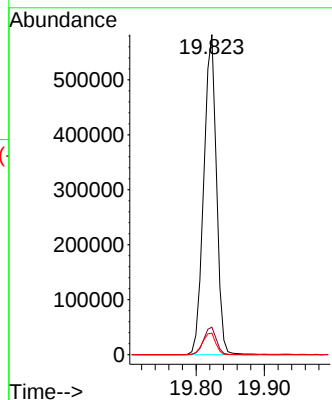
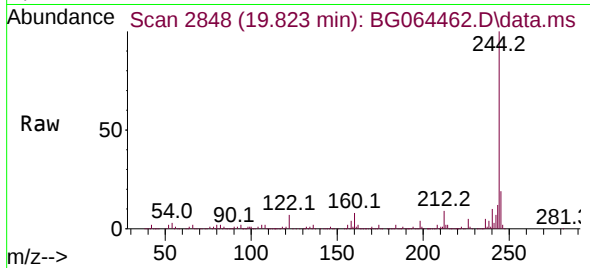




#79  
 Terphenyl-d14  
 Concen: 91.995 ng  
 RT: 19.823 min Scan# 2848  
 Delta R.T. -0.001 min  
 Lab File: BG064462.D  
 Acq: 29 Sep 2025 16:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-C

Tgt Ion:244 Resp: 752234  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 7.2 10.8  
 122 6.7 5.7 8.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.418 min Scan# 3630  
 Delta R.T. -0.013 min  
 Lab File: BG064462.D  
 Acq: 29 Sep 2025 16:34

Tgt Ion:264 Resp: 173694  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.6 27.8  
 265 21.4 16.7 25.1

