

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081125\  
 Data File : BP025350.D  
 Acq On : 11 Aug 2025 16:05  
 Operator : CG/JU  
 Sample : Q2791-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLUDGE

Quant Time: Aug 11 16:36:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 06:41:44 2025  
 Response via : Initial Calibration

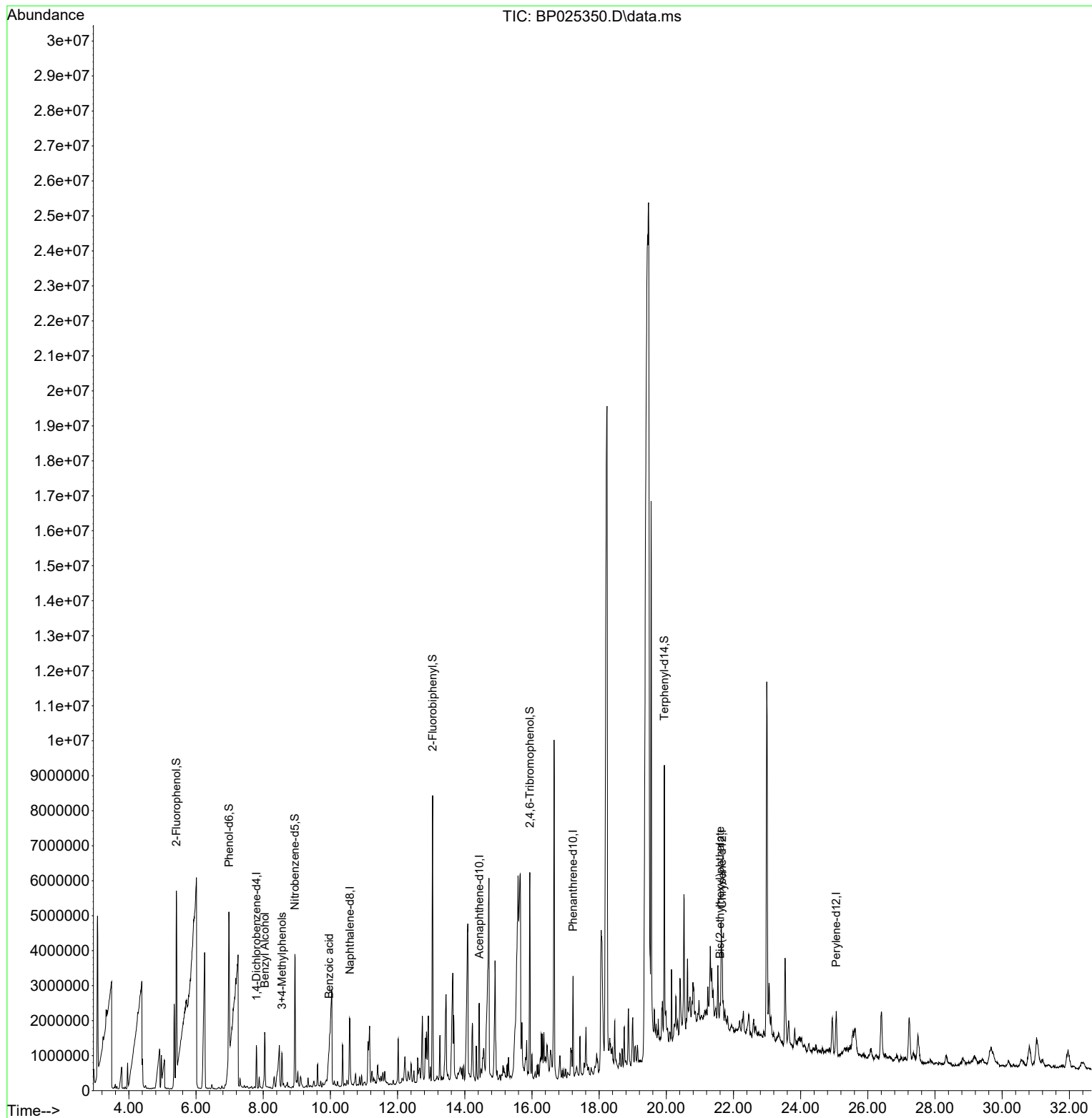
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.796  | 152  | 334679   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.578 | 136  | 1364070  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.431 | 164  | 820532   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 1433791  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.660 | 240  | 1107744  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.060 | 264  | 1272134  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 2407328  | 115.689 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.978  | 99   | 2855421  | 104.267 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.943  | 82   | 2101097  | 85.335  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.936 | 330  | 1127377  | 137.724 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.043 | 172  | 4369612  | 73.554  | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.942 | 244  | 3783370  | 64.509  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 15) Benzyl Alcohol            | 8.043  | 79   | 493449   | 23.245  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.560  | 107  | 452077   | 16.744  | ng    | 88       |
| 32) Benzoic acid              | 9.966  | 122  | 245208   | 25.134  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.601 | 149  | 231807   | 4.859   | ng    | 96       |
| -----                         |        |      |          |         |       |          |

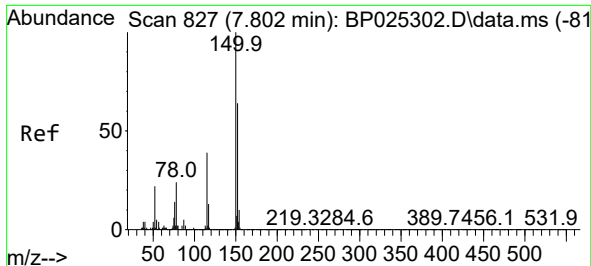
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081125\  
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Quant Time: Aug 11 16:36:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 06 06:41:44 2025  
Response via : Initial Calibration

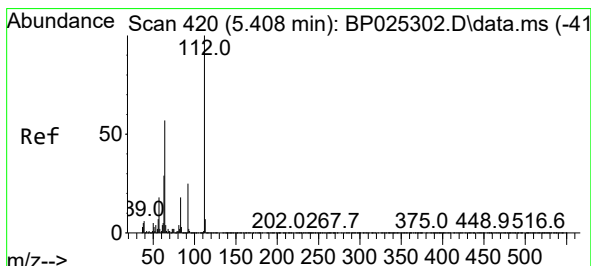
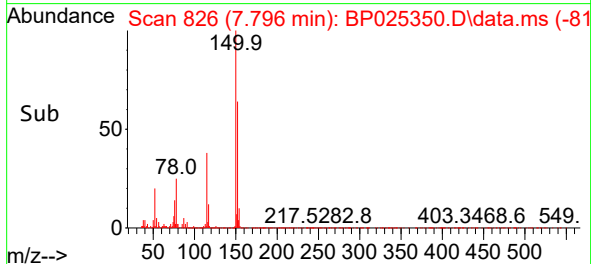
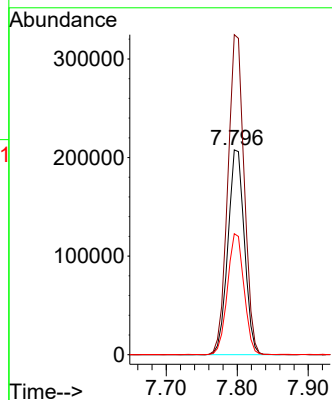
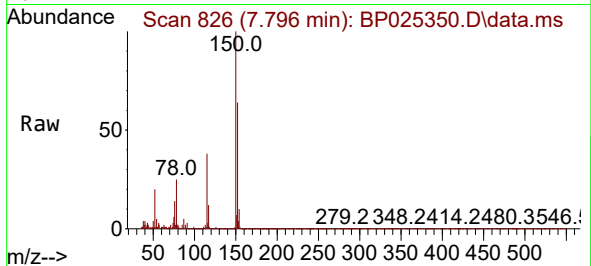




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.796 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

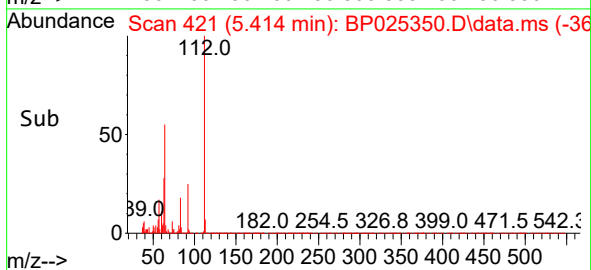
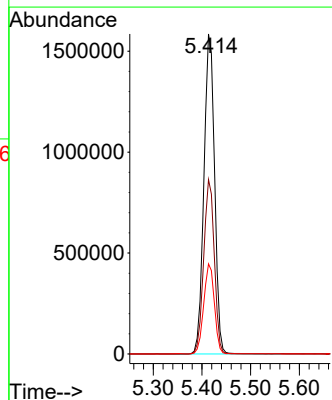
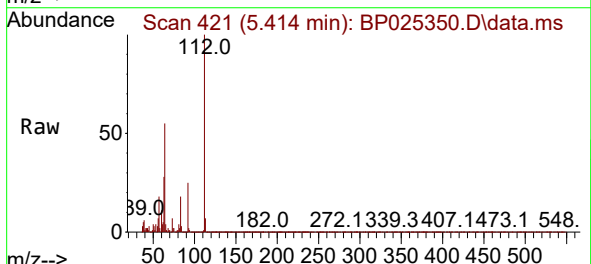
Instrument :  
BNA\_P  
ClientSampleId :  
SLUDGE

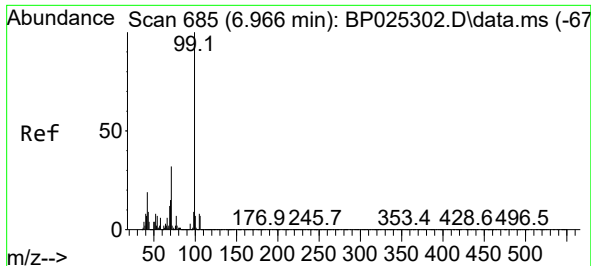
Tgt Ion:152 Resp: 334679  
Ion Ratio Lower Upper  
152 100  
150 156.3 125.1 187.7  
115 59.0 48.4 72.6



#5  
2-Fluorophenol  
Concen: 115.689 ng  
RT: 5.414 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

Tgt Ion:112 Resp: 2407328  
Ion Ratio Lower Upper  
112 100  
64 54.5 45.3 67.9  
63 28.1 23.0 34.6

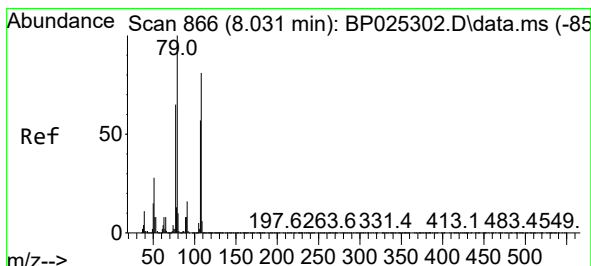
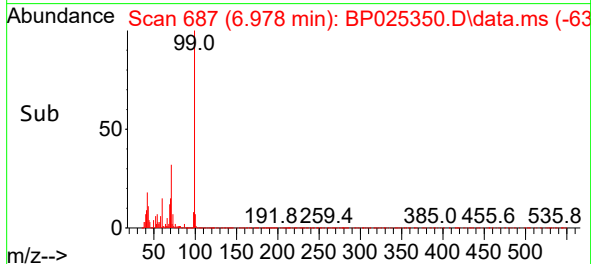
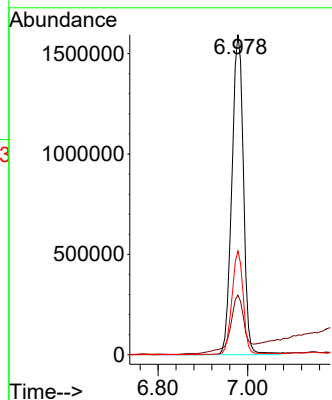
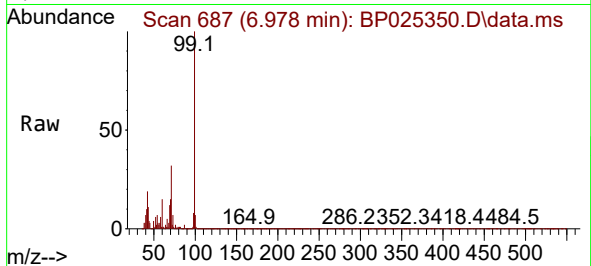




#7  
Phenol-d6  
Concen: 104.267 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.012 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

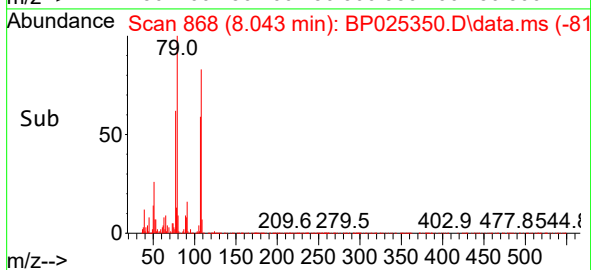
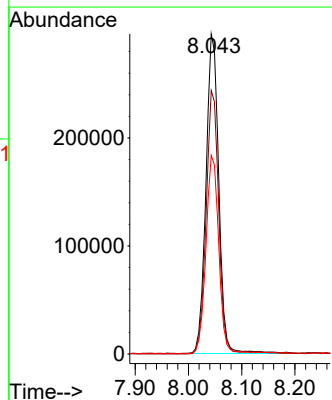
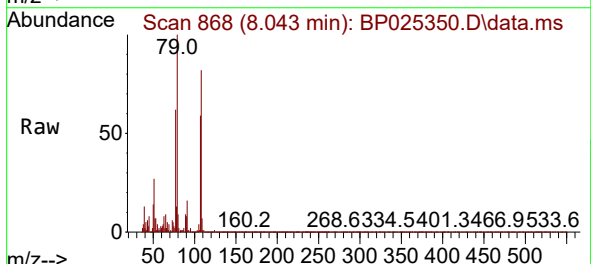
Instrument :  
BNA\_P  
ClientSampleId :  
SLUDGE

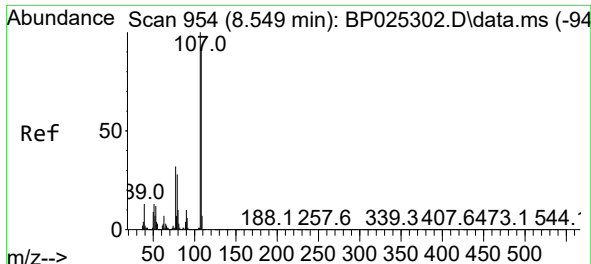
Tgt Ion: 99 Resp: 2855421  
Ion Ratio Lower Upper  
99 100  
42 18.6 15.0 22.6  
71 32.4 25.5 38.3



#15  
Benzyl Alcohol  
Concen: 23.245 ng  
RT: 8.043 min Scan# 868  
Delta R.T. 0.012 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

Tgt Ion: 79 Resp: 493449  
Ion Ratio Lower Upper  
79 100  
108 82.3 64.5 96.7  
77 62.0 51.9 77.9

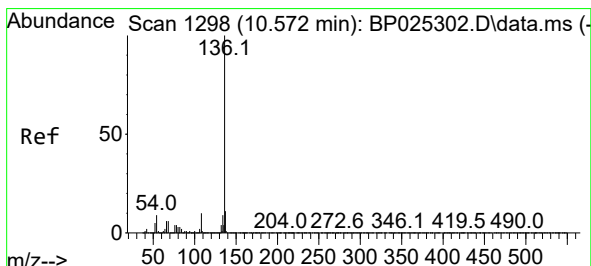
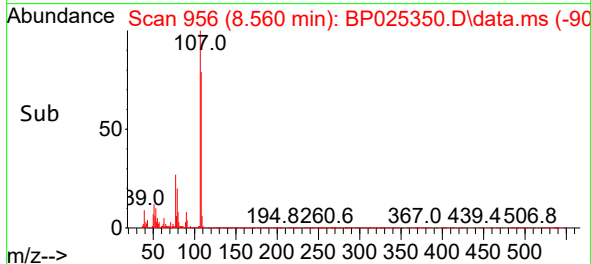
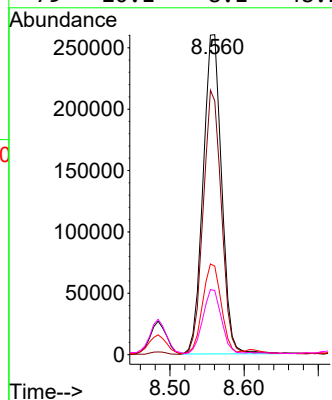
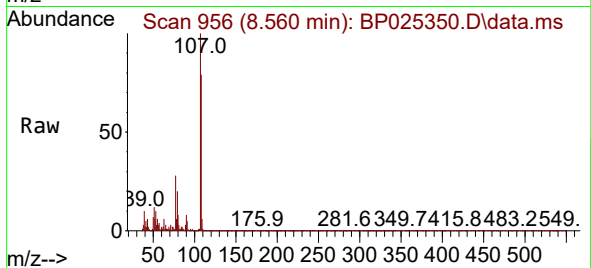




#20  
3+4-Methylphenols  
Concen: 16.744 ng  
RT: 8.560 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

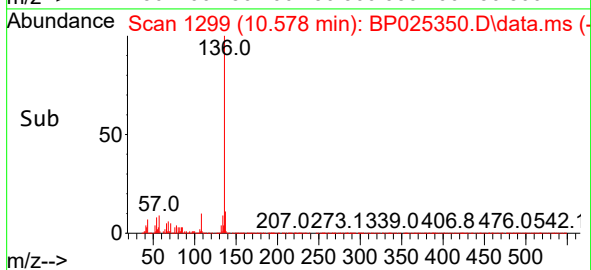
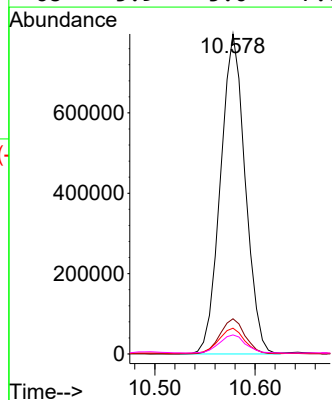
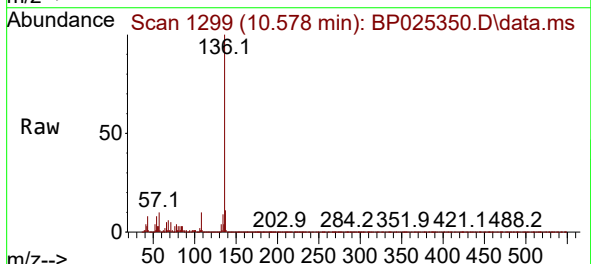
Instrument :  
BNA\_P  
ClientSampleId :  
SLUDGE

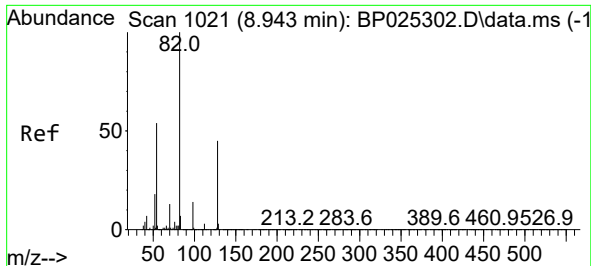
Tgt Ion:107 Resp: 452077  
Ion Ratio Lower Upper  
107 100  
108 79.3 71.9 111.9  
77 27.7 12.0 52.0  
79 20.1 8.1 48.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.578 min Scan# 1299  
Delta R.T. 0.006 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

Tgt Ion:136 Resp: 1364070  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 8.1 7.0 10.6  
68 5.9 5.0 7.6

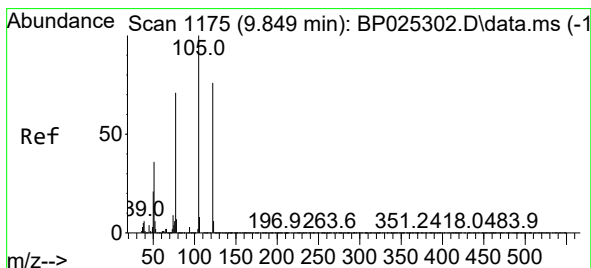
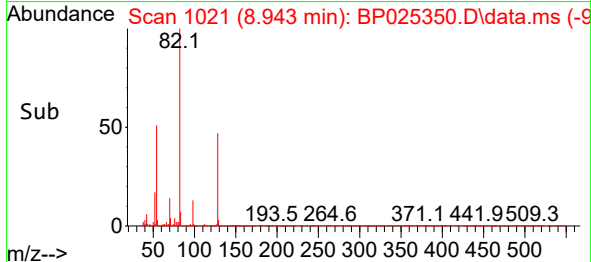
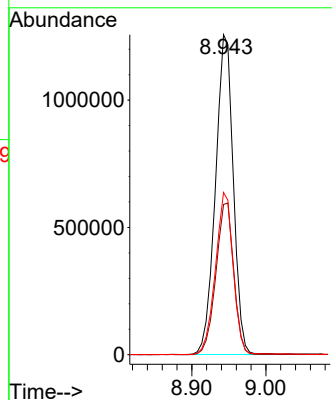
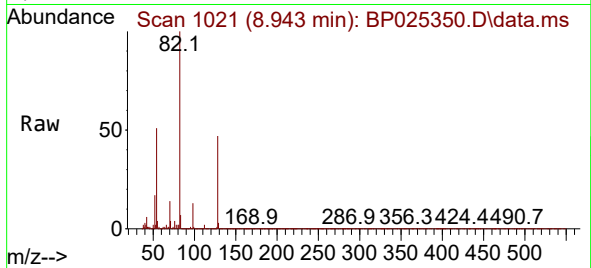




#23  
Nitrobenzene-d5  
Concen: 85.335 ng  
RT: 8.943 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

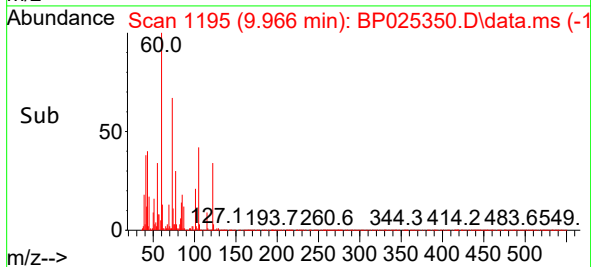
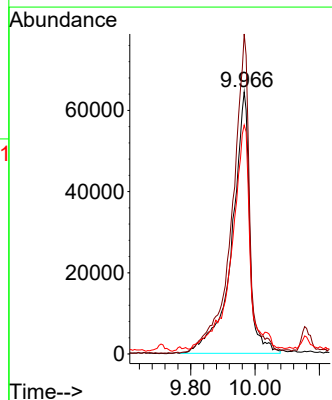
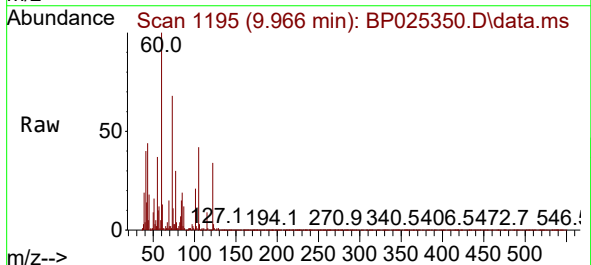
Instrument :  
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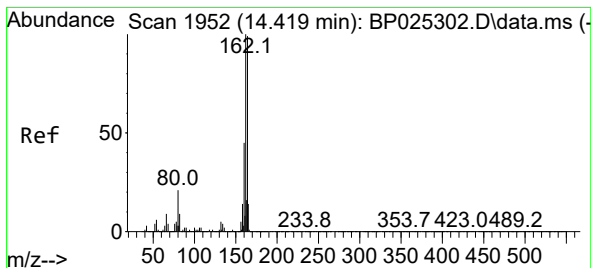
Tgt Ion: 82 Resp: 2101097  
Ion Ratio Lower Upper  
82 100  
128 46.9 35.4 53.2  
54 50.7 42.9 64.3



#32  
Benzoic acid  
Concen: 25.134 ng  
RT: 9.966 min Scan# 1195  
Delta R.T. 0.117 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

Tgt Ion:122 Resp: 245208  
Ion Ratio Lower Upper  
122 100  
105 122.1 104.0 144.0  
77 87.3 71.8 111.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.431 min Scan# 1954

Delta R.T. 0.012 min

Lab File: BP025350.D

Acq: 11 Aug 2025 16:05

Instrument :

BNA\_P

ClientSampleId :

SLUDGE

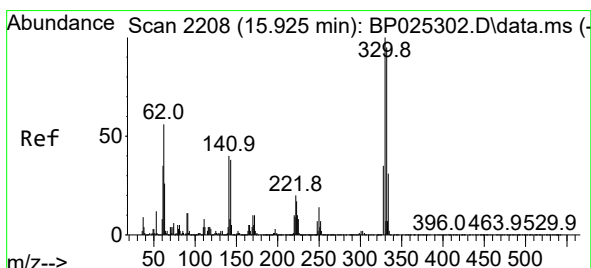
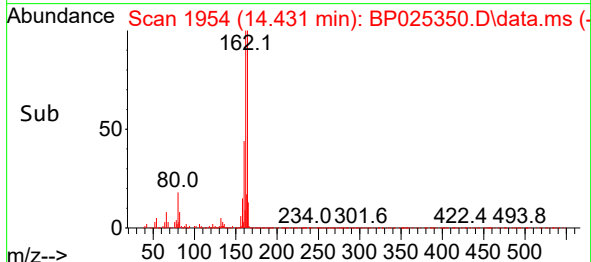
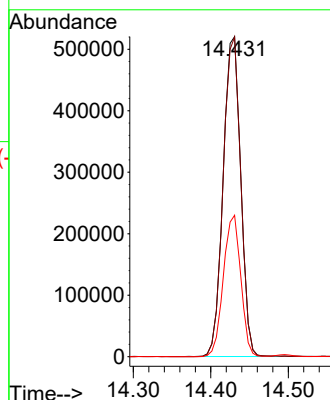
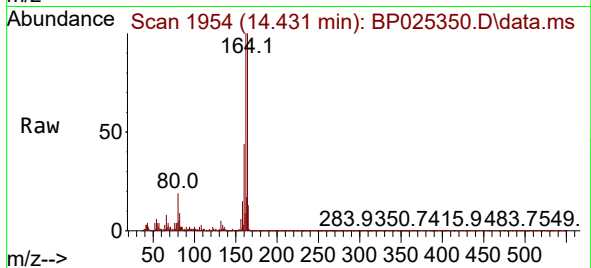
Tgt Ion:164 Resp: 820532

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.2 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 137.724 ng

RT: 15.936 min Scan# 2210

Delta R.T. 0.011 min

Lab File: BP025350.D

Acq: 11 Aug 2025 16:05

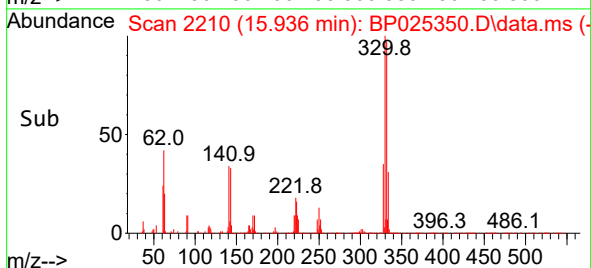
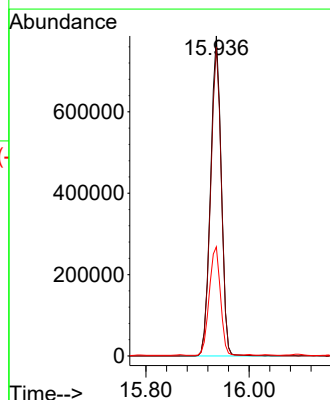
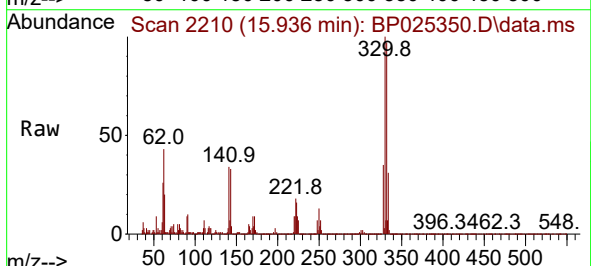
Tgt Ion:330 Resp: 1127377

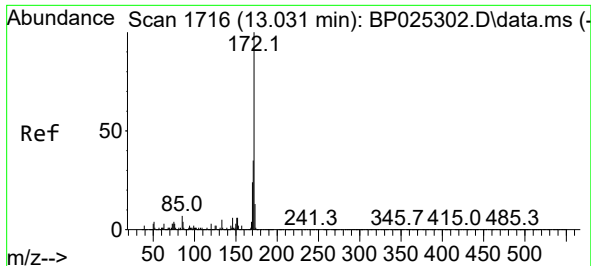
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 35.6 31.7 47.5

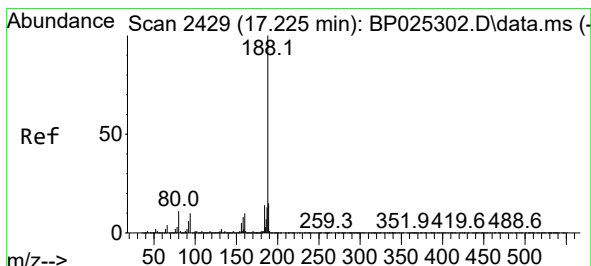
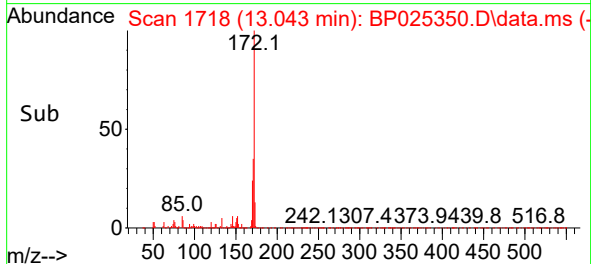
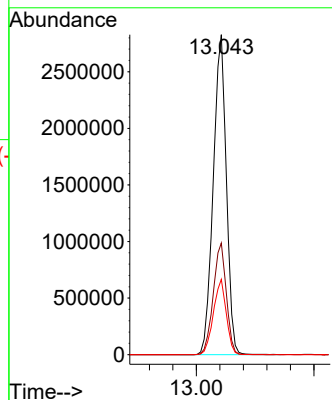
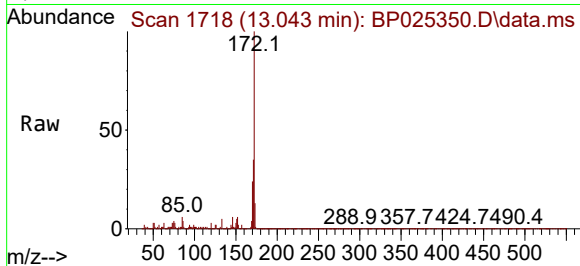




#45  
2-Fluorobiphenyl  
Concen: 73.554 ng  
RT: 13.043 min Scan# 1718  
Delta R.T. 0.012 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

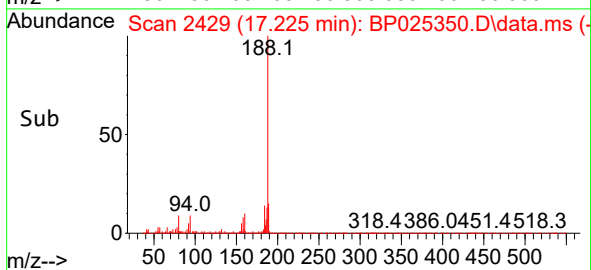
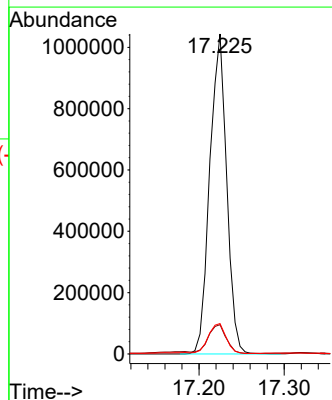
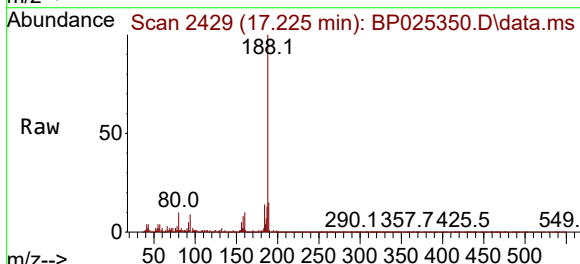
Instrument :  
BNA\_P  
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SLUDGE

Tgt Ion:172 Resp: 4369612  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.5 18.9 28.3

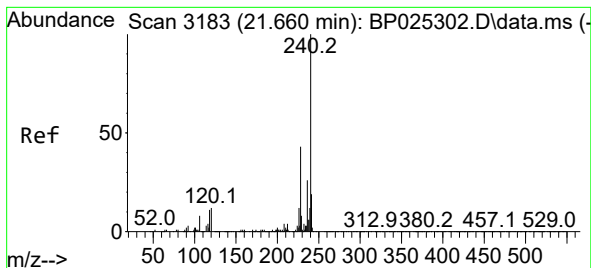


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2429  
Delta R.T. -0.000 min  
Lab File: BP025350.D  
Acq: 11 Aug 2025 16:05

Tgt Ion:188 Resp: 1433791  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.0 12.0  
80 9.5 8.5 12.7







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.660 min Scan# 3183

Delta R.T. -0.000 min

Lab File: BP025350.D

Acq: 11 Aug 2025 16:05

Instrument :

BNA\_P

ClientSampleId :

SLUDGE

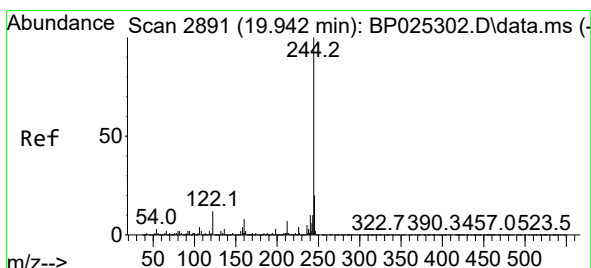
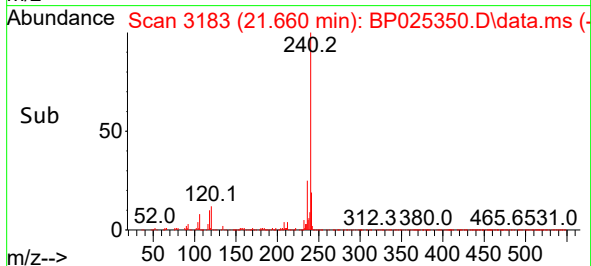
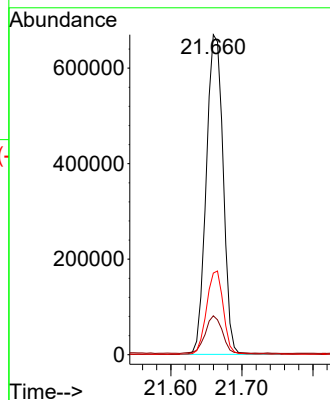
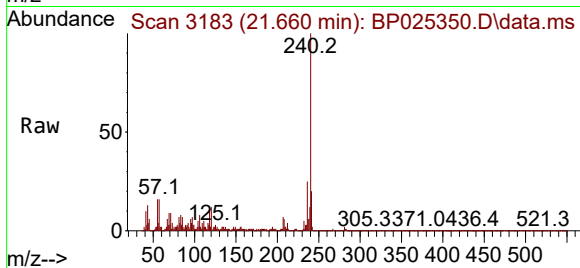
Tgt Ion:240 Resp: 1107744

Ion Ratio Lower Upper

240 100

120 12.1 9.6 14.4

236 25.5 20.4 30.6



#79

Terphenyl-d14

Concen: 64.509 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025350.D

Acq: 11 Aug 2025 16:05

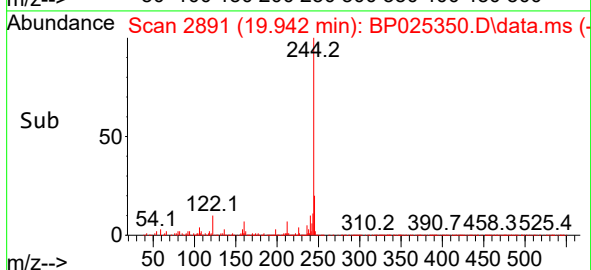
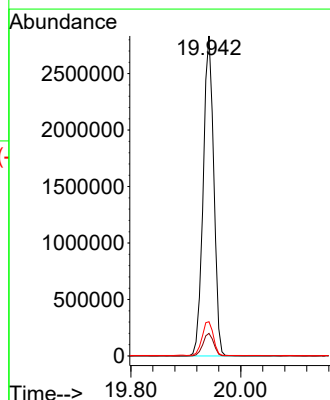
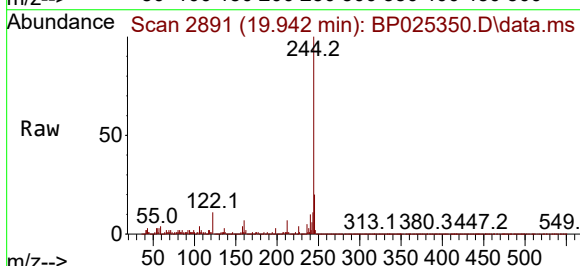
Tgt Ion:244 Resp: 3783370

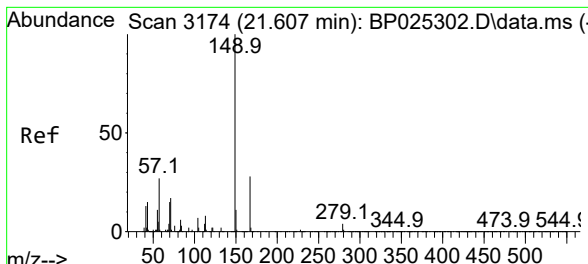
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.7 9.5 14.3

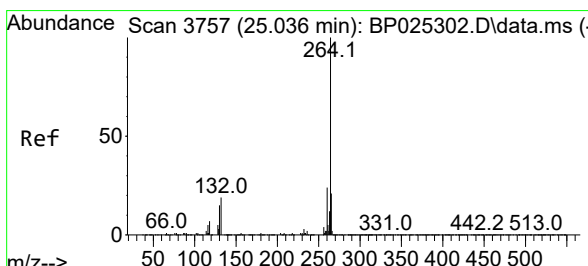
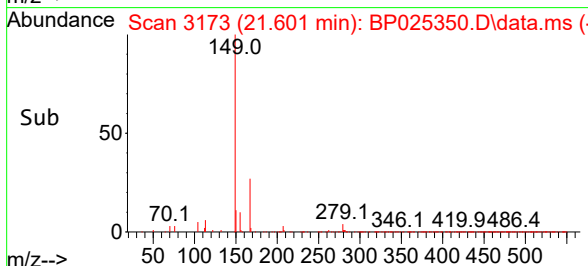
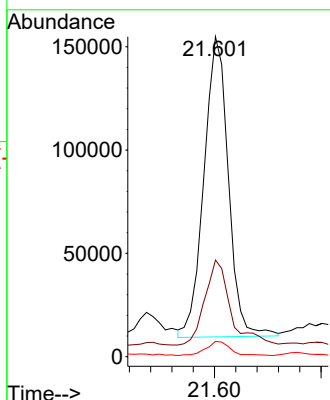
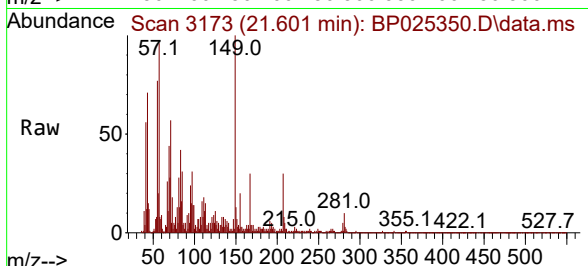




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.859 ng  
 RT: 21.601 min Scan# 3173  
 Delta R.T. -0.006 min  
 Lab File: BP025350.D  
 Acq: 11 Aug 2025 16:05

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLUDGE

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 231807 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.2  | 22.1  | 33.1   |
| 279       | 4.8   | 3.4   | 5.2    |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.060 min Scan# 3761  
 Delta R.T. 0.024 min  
 Lab File: BP025350.D  
 Acq: 11 Aug 2025 16:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 264   | Resp: | 1272134 |
| Ion Ratio | Lower | Upper |         |
| 264       | 100   |       |         |
| 260       | 23.0  | 19.2  | 28.8    |
| 265       | 21.7  | 17.1  | 25.7    |

