

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062625\  
 Data File : BN037412.D  
 Acq On : 27 Jun 2025 03:05  
 Operator : RC/JU  
 Sample : Q2374-04  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP303-20250619

Quant Time: Jun 27 04:38:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 26 16:06:33 2025  
 Response via : Initial Calibration

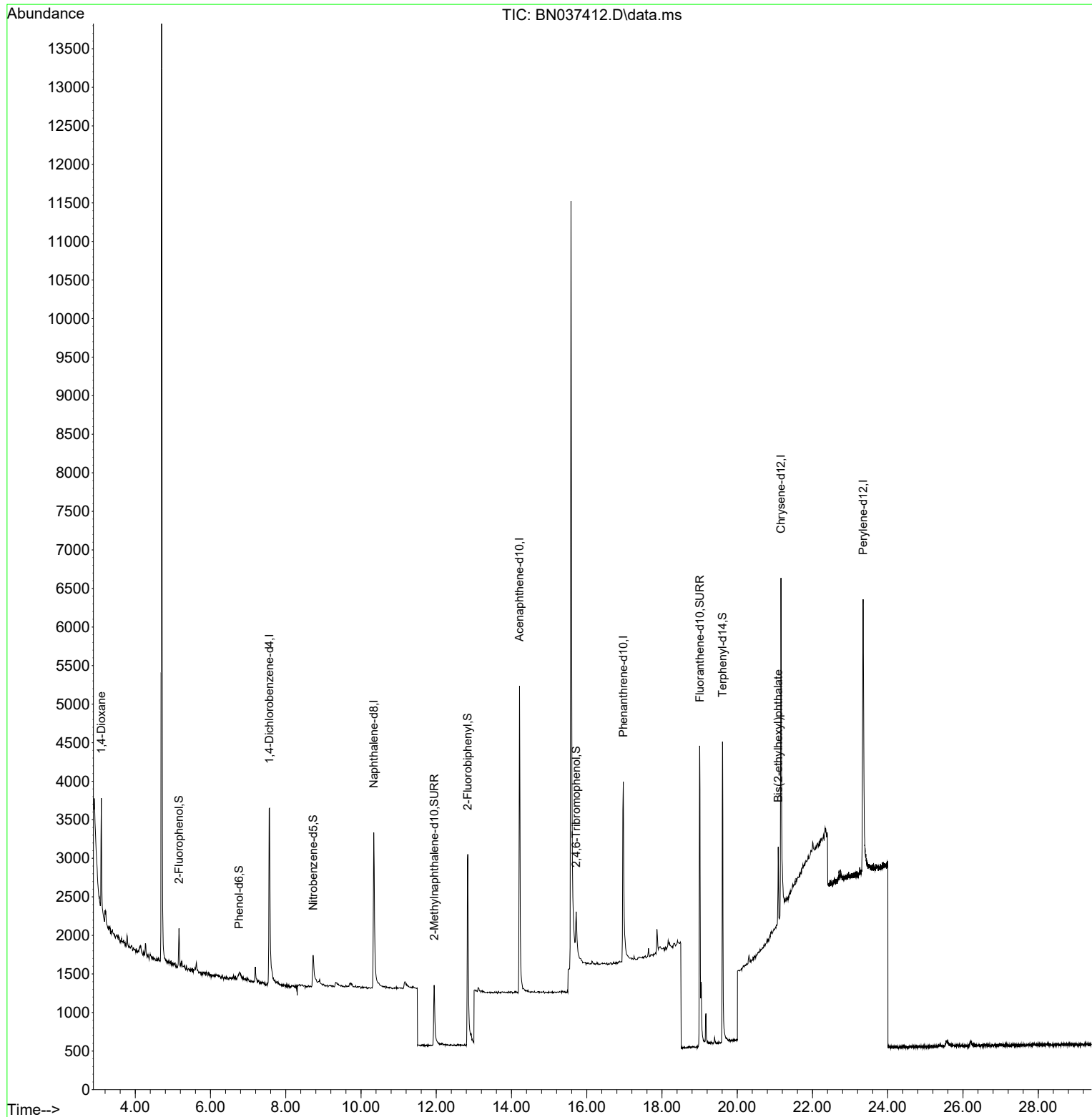
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.568  | 152  | 1700     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.340 | 136  | 3786     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.213 | 164  | 2622     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 5275     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.162 | 240  | 5454     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.345 | 264  | 5508     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.163  | 112  | 425      | 0.130 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 176      | 0.052 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 750      | 0.247 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.945 | 152  | 1628     | 0.278 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 473      | 0.308 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.838 | 172  | 3087     | 0.273 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.003 | 212  | 6109     | 0.404 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.607 | 244  | 4977     | 0.428 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.097  | 88   | 990      | 0.614 | ng    | 95       |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 922      | 0.136 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

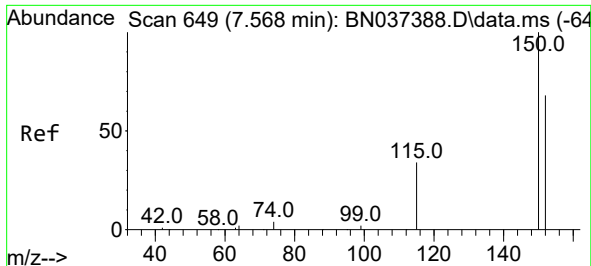
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062625\  
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RW7-SP303-20250619

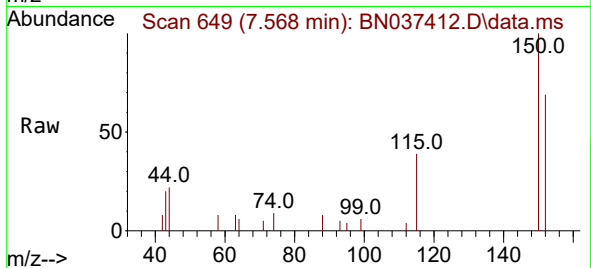
Quant Time: Jun 27 04:38:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 26 16:06:33 2025  
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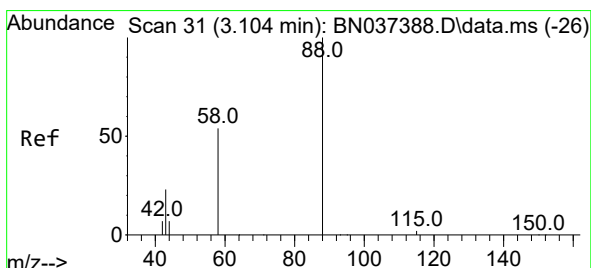
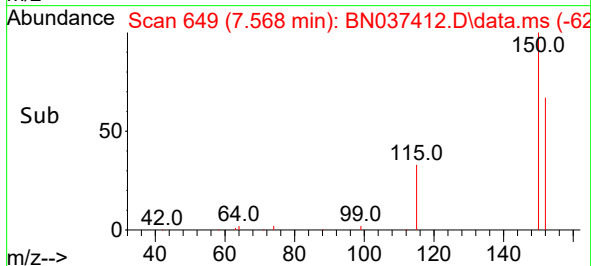
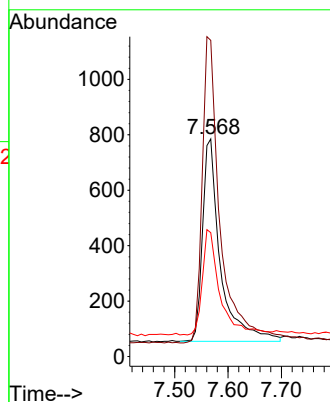


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.568 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN037412.D  
 Acq: 27 Jun 2025 03:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP303-20250619

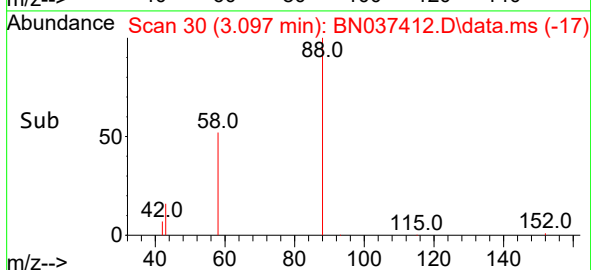
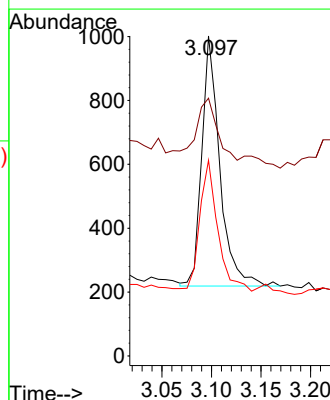
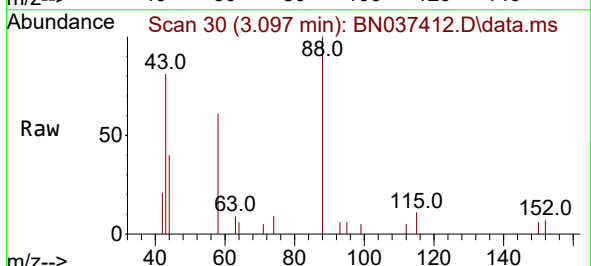


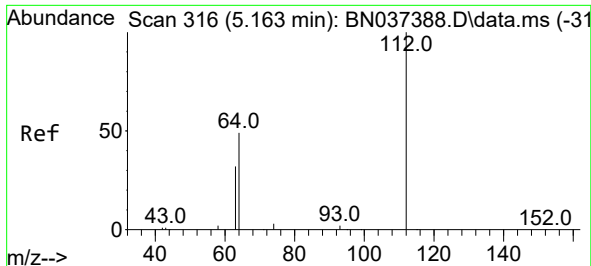
Tgt Ion:152 Resp: 1700  
 Ion Ratio Lower Upper  
 152 100  
 150 145.4 116.2 174.2  
 115 56.9 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 0.614 ng  
 RT: 3.097 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037412.D  
 Acq: 27 Jun 2025 03:05

Tgt Ion: 88 Resp: 990  
 Ion Ratio Lower Upper  
 88 100  
 43 27.8 21.6 32.4  
 58 52.5 45.9 68.9

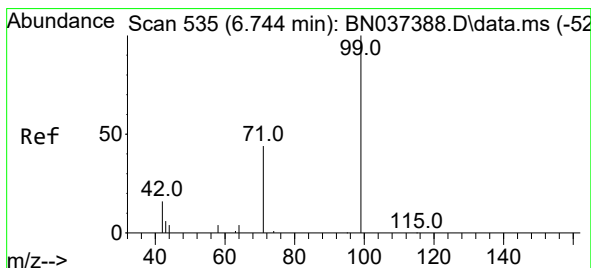
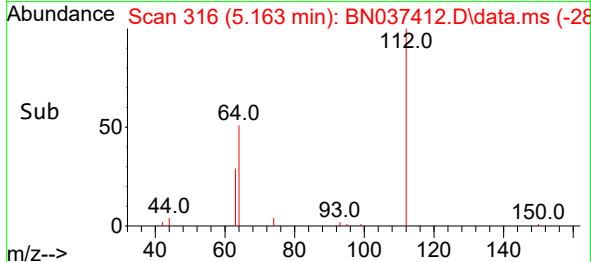
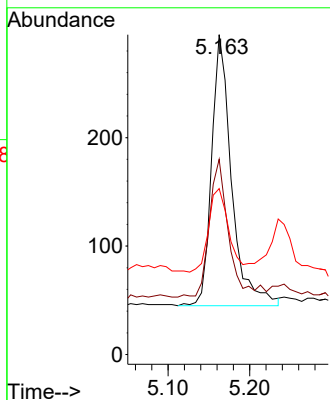
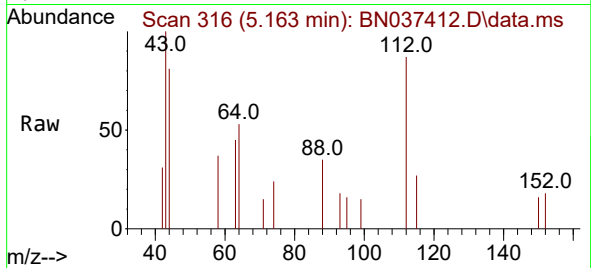




#4  
2-Fluorophenol  
Concen: 0.130 ng  
RT: 5.163 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: BN037412.D  
Acq: 27 Jun 2025 03:05

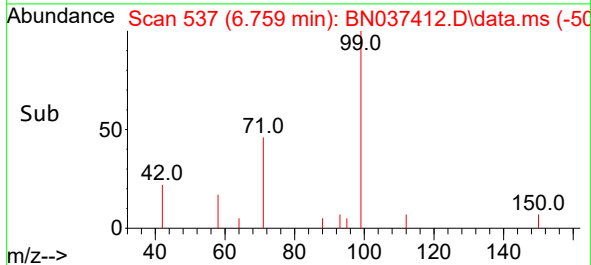
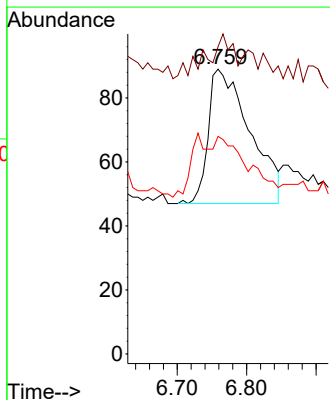
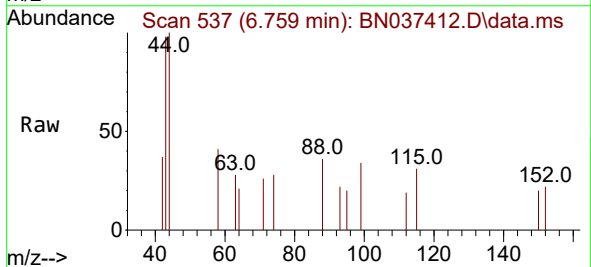
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250619

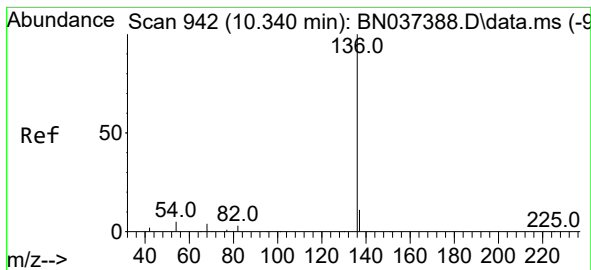
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 425   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 47.8  | 40.3  | 60.5  |
| 63       | 32.2  | 26.1  | 39.1  |



#5  
Phenol-d6  
Concen: 0.052 ng  
RT: 6.759 min Scan# 537  
Delta R.T. 0.014 min  
Lab File: BN037412.D  
Acq: 27 Jun 2025 03:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 176   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.0  | 15.6  | 23.4  |
| 71       | 0.0   | 35.8  | 53.8  |





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.340 min Scan# 94

Delta R.T. -0.000 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

Instrument :

BNA\_N

ClientSampleId :

RW7-SP303-20250619

Tgt Ion:136 Resp: 3786

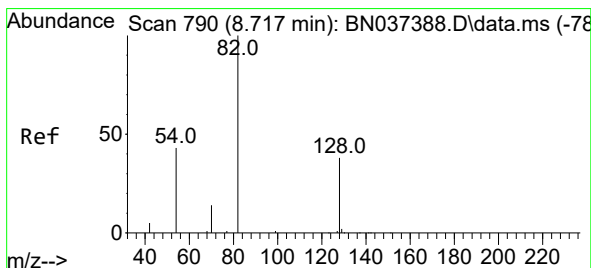
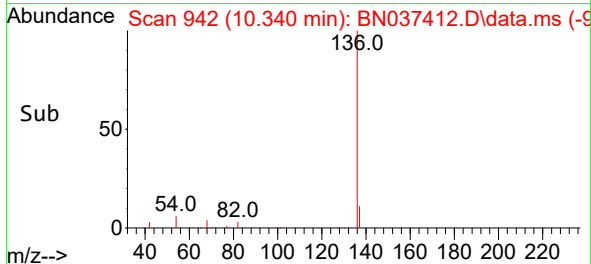
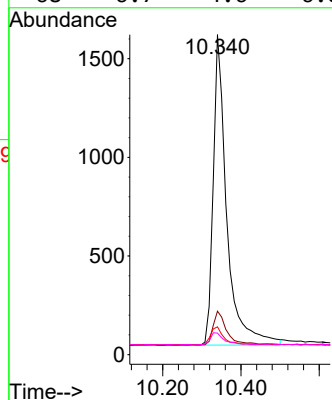
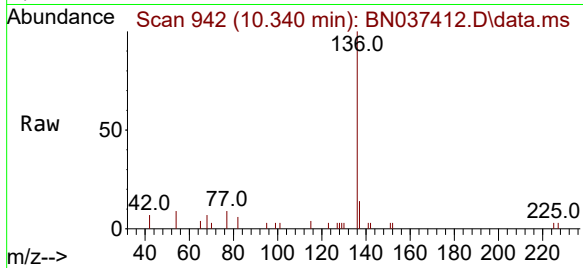
Ion Ratio Lower Upper

136 100

137 13.6 10.4 15.6

54 8.7 5.6 8.4#

68 6.7 4.6 6.8



#8

Nitrobenzene-d5

Concen: 0.247 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

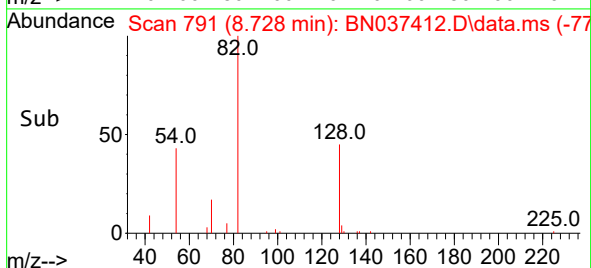
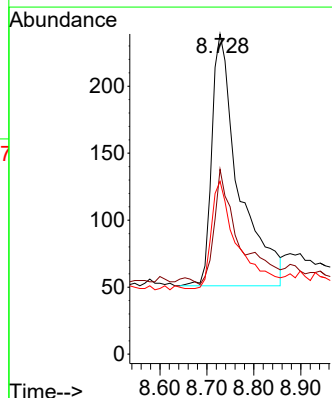
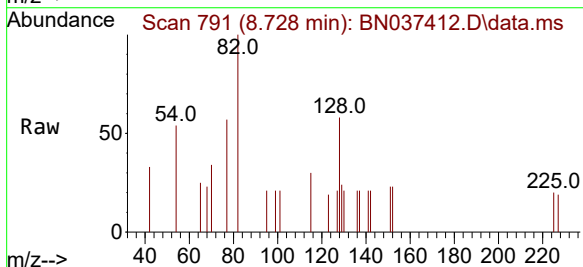
Tgt Ion: 82 Resp: 750

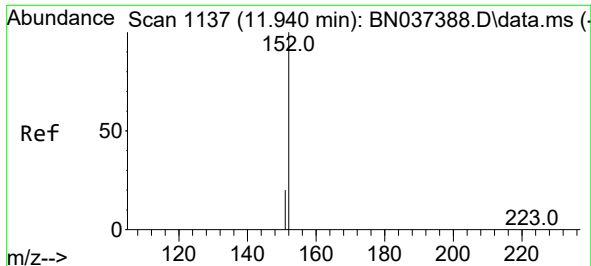
Ion Ratio Lower Upper

82 100

128 57.7 34.0 51.0#

54 54.0 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 11.945 min Scan# 1138

Delta R.T. 0.005 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

Instrument :

BNA\_N

ClientSampleId :

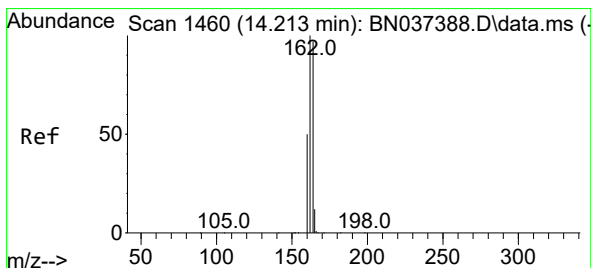
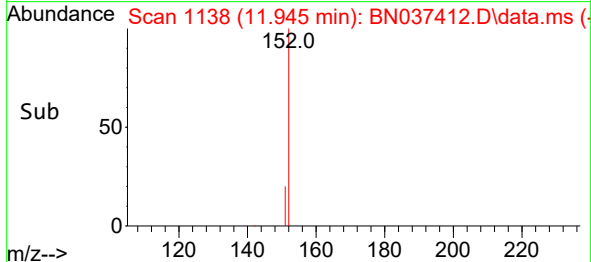
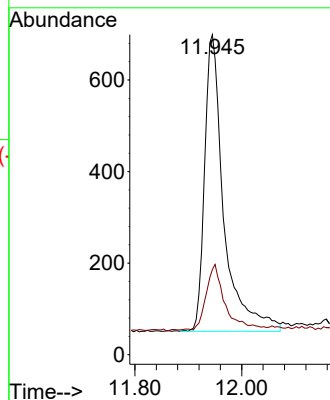
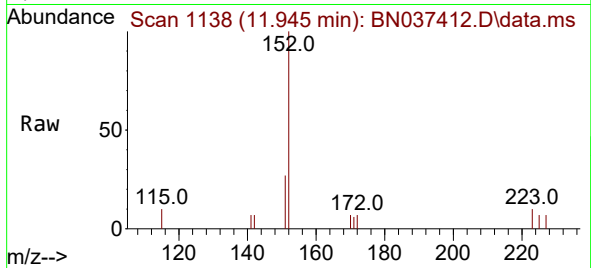
RW7-SP303-20250619

Tgt Ion:152 Resp: 1628

Ion Ratio Lower Upper

152 100

151 20.9 18.4 27.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

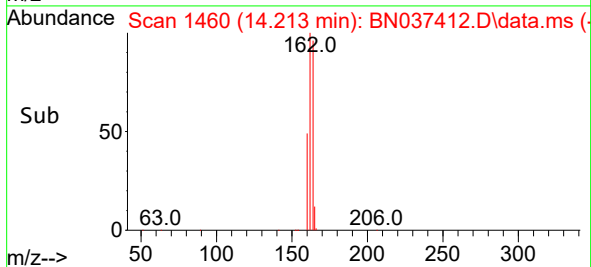
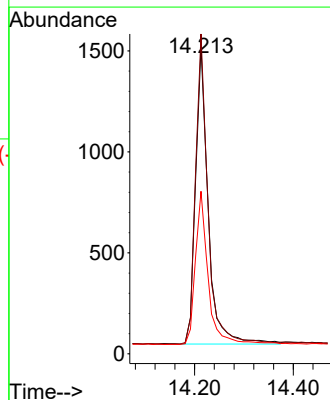
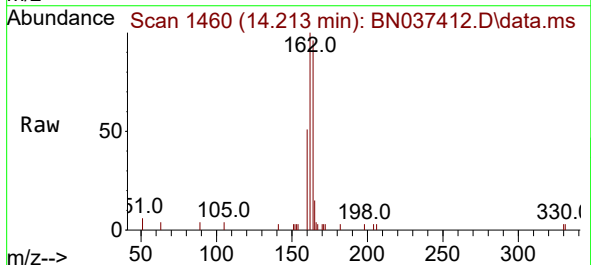
Tgt Ion:164 Resp: 2622

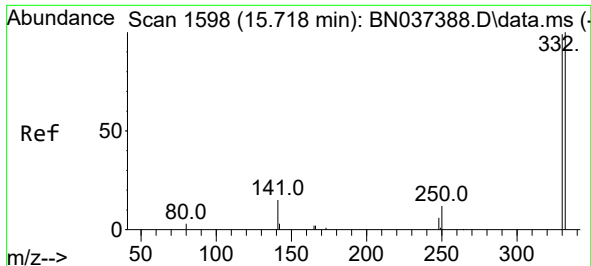
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

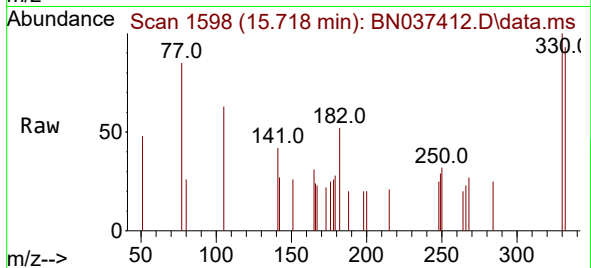
160 52.9 42.2 63.2



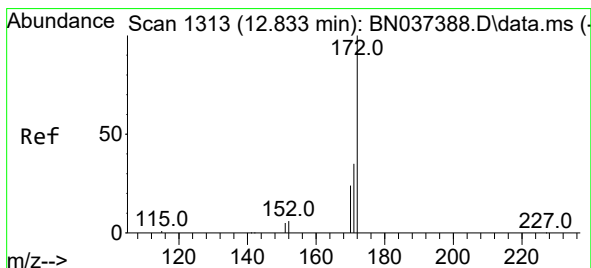
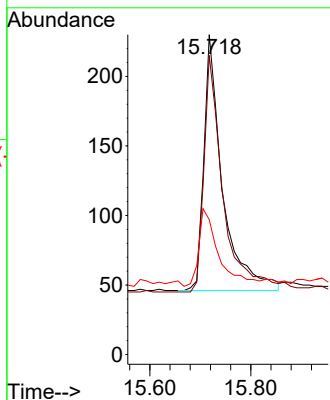
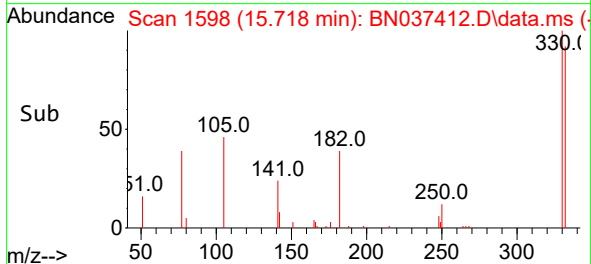


#14  
2,4,6-Tribromophenol  
Concen: 0.308 ng  
RT: 15.718 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037412.D  
Acq: 27 Jun 2025 03:05

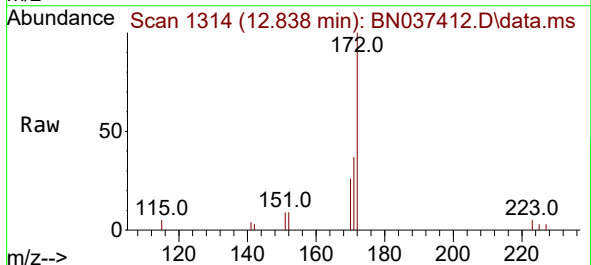
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250619



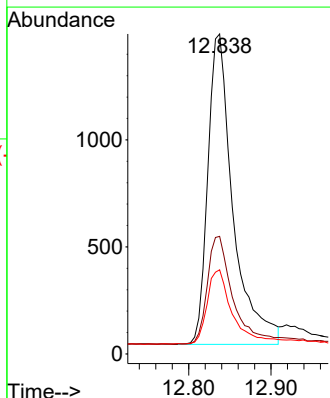
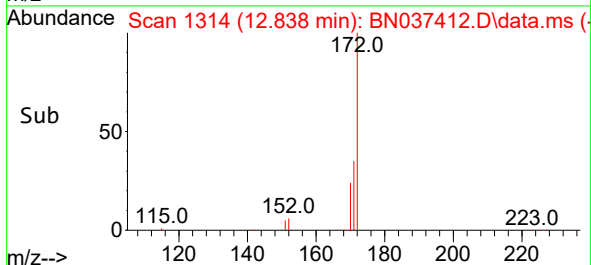
Tgt Ion:330 Resp: 473  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.8 116.8  
141 32.6 24.0 36.0

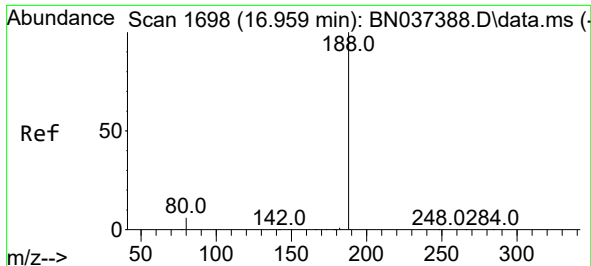


#15  
2-Fluorobiphenyl  
Concen: 0.273 ng  
RT: 12.838 min Scan# 1314  
Delta R.T. 0.005 min  
Lab File: BN037412.D  
Acq: 27 Jun 2025 03:05



Tgt Ion:172 Resp: 3087  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.8 43.2  
170 26.3 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

Instrument :

BNA\_N

ClientSampleId :

RW7-SP303-20250619

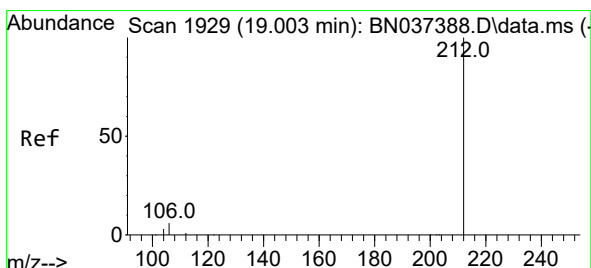
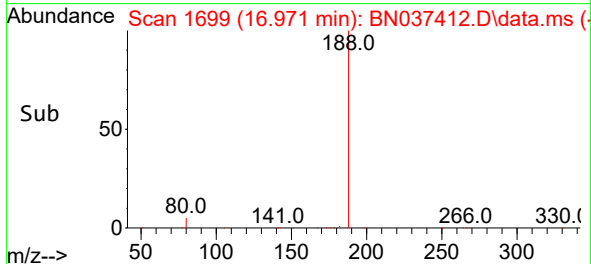
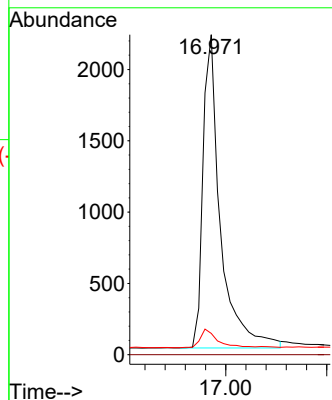
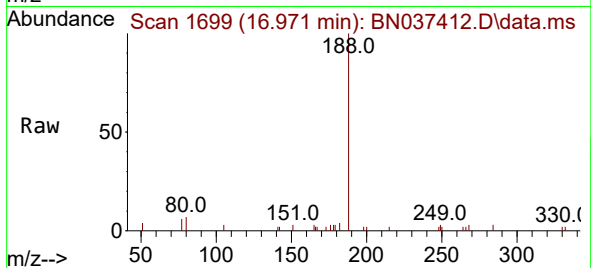
Tgt Ion:188 Resp: 5275

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.6 6.2 9.4



#27

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.003 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

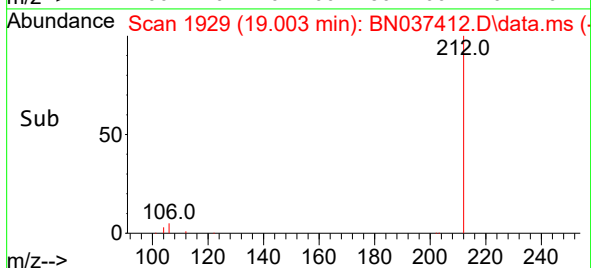
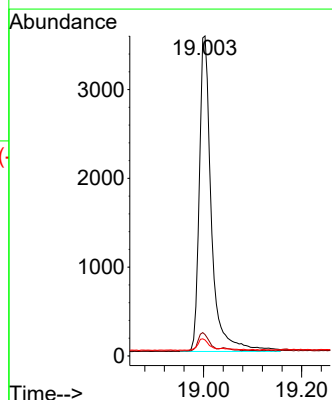
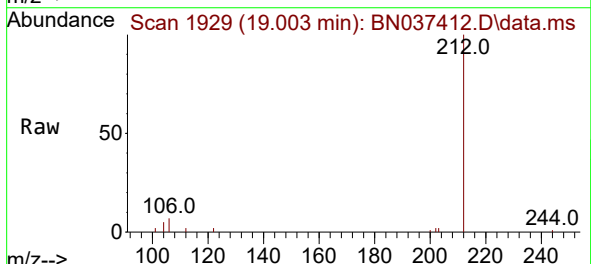
Tgt Ion:212 Resp: 6109

Ion Ratio Lower Upper

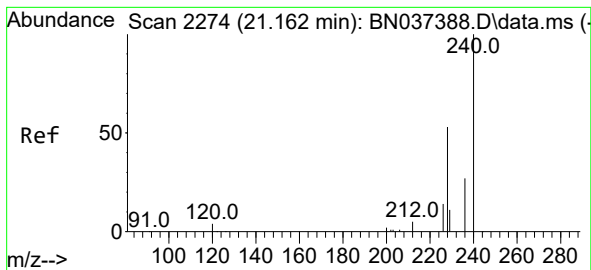
212 100

106 5.4 4.5 6.7

104 3.5 2.7 4.1







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037412.D

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ClientSampleId :

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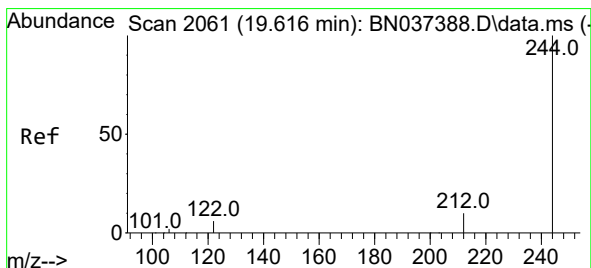
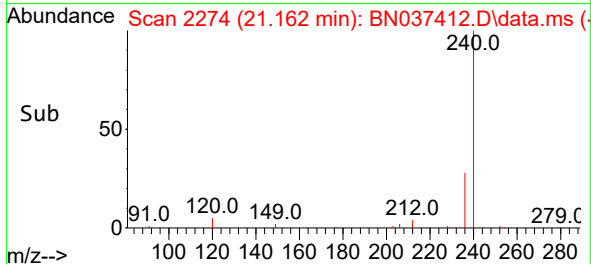
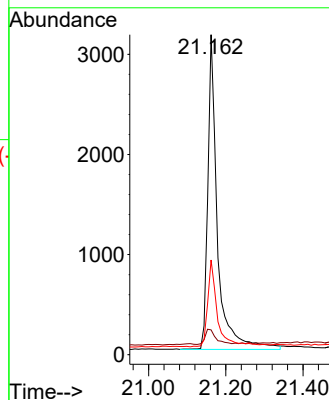
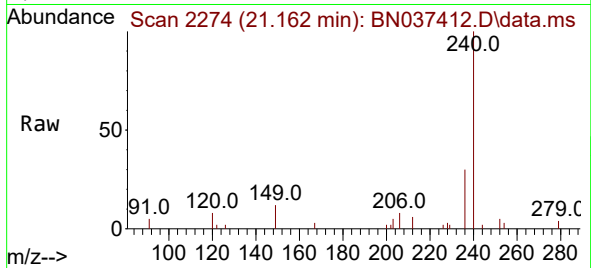
Tgt Ion:240 Resp: 5454

Ion Ratio Lower Upper

240 100

120 7.7 5.3 7.9

236 29.6 22.7 34.1



#31

Terphenyl-d14

Concen: 0.428 ng

RT: 19.607 min Scan# 2059

Delta R.T. -0.009 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

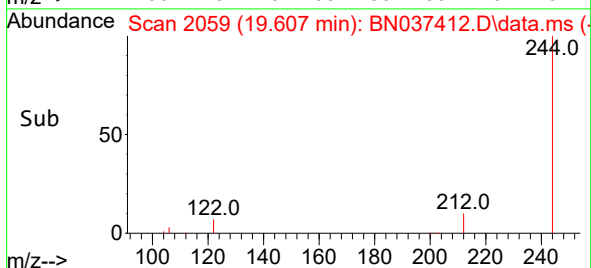
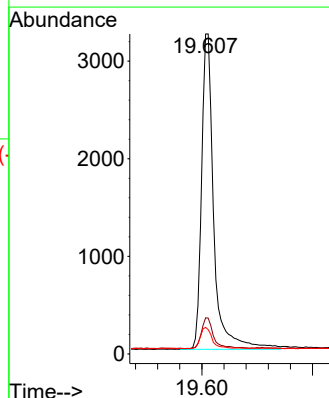
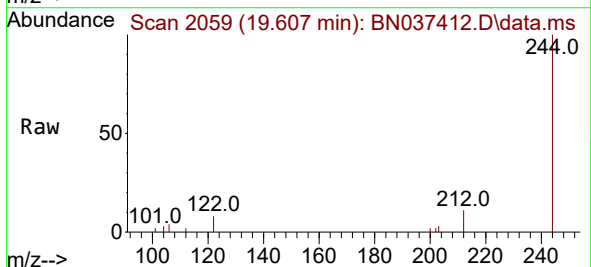
Tgt Ion:244 Resp: 4977

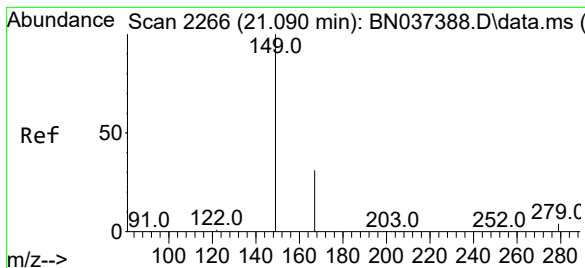
Ion Ratio Lower Upper

244 100

212 11.3 9.1 13.7

122 8.3 6.3 9.5

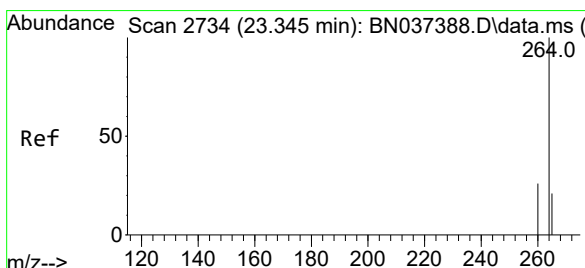
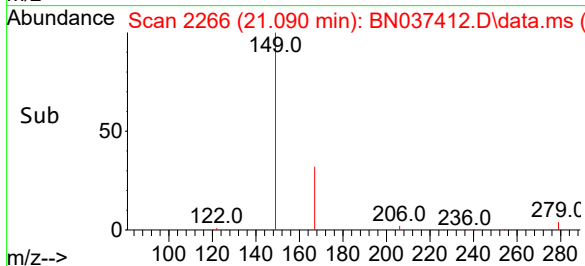
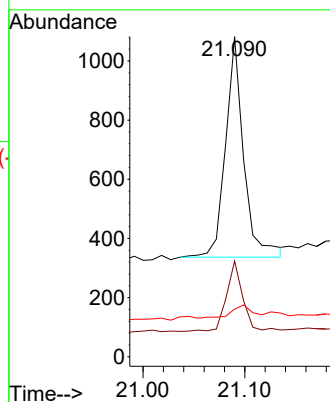
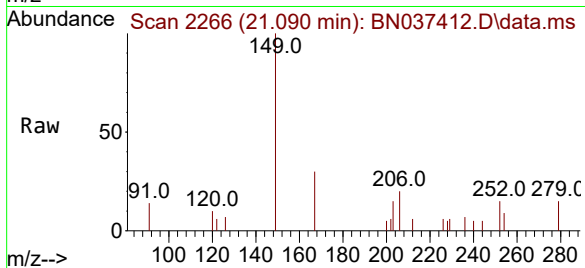




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.136 ng  
RT: 21.090 min Scan# 2109  
Delta R.T. -0.000 min  
Lab File: BN037412.D  
Acq: 27 Jun 2025 03:05

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250619

Tgt Ion:149 Resp: 922  
Ion Ratio Lower Upper  
149 100  
167 28.9 24.8 37.2  
279 7.2 5.0 7.6



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.345 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: BN037412.D  
Acq: 27 Jun 2025 03:05

Tgt Ion:264 Resp: 5508  
Ion Ratio Lower Upper  
264 100  
260 27.0 21.4 32.0  
265 88.7 56.2 84.4#

