

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101024\  
 Data File : BN034527.D  
 Acq On : 10 Oct 2024 18:43  
 Operator : RC/JU  
 Sample : P4263-09  
 Misc :  
 ALS Vial : 103 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB04-20241001

Quant Time: Oct 11 00:22:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 11 00:21:08 2024  
 Response via : Initial Calibration

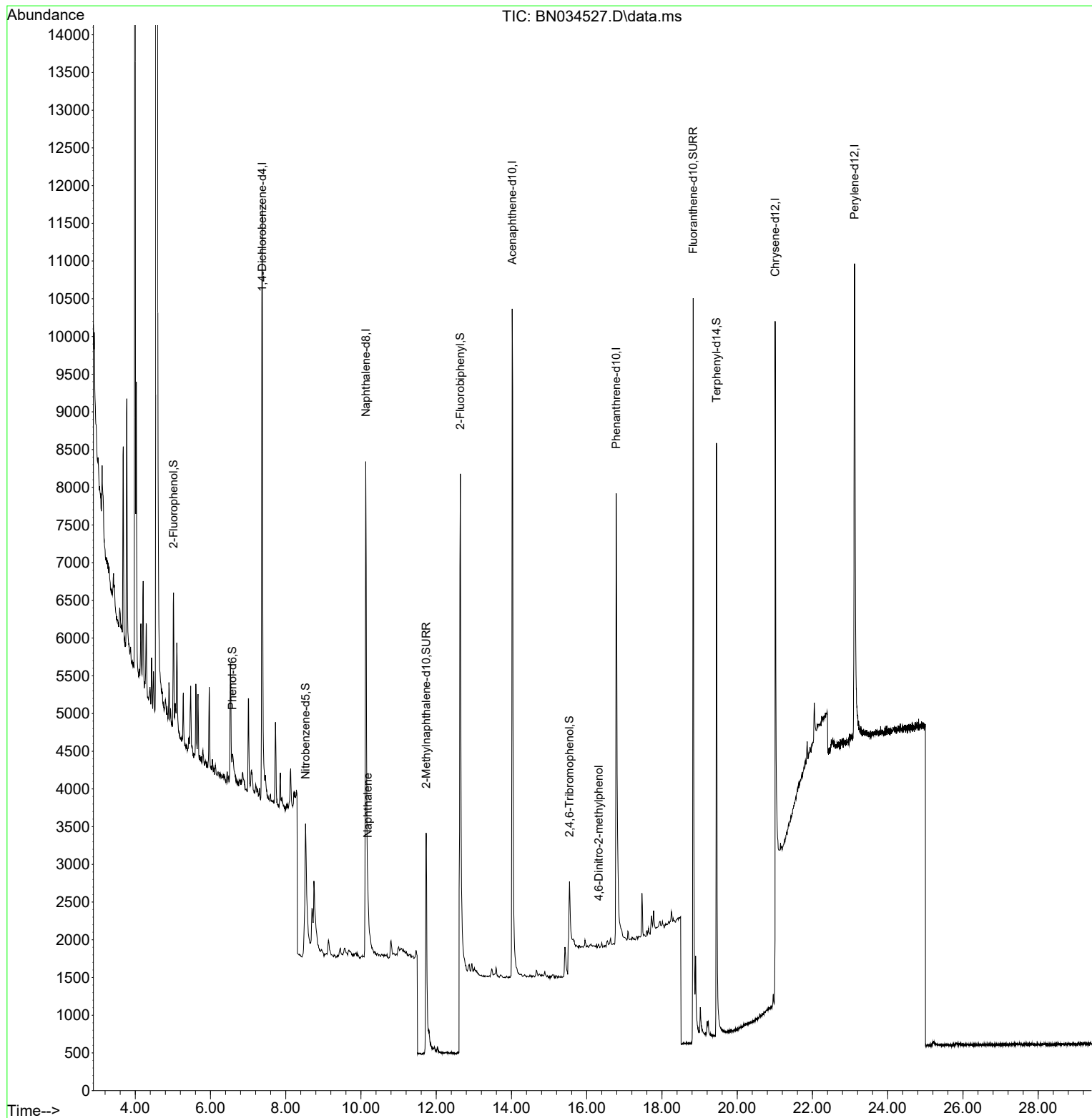
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.373  | 152  | 4333     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.127 | 136  | 11948    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.019 | 164  | 6655     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.783 | 188  | 12408    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.008 | 240  | 8167     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.119 | 264  | 10036    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.018  | 112  | 1514     | 0.123 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.585  | 99   | 587      | 0.041 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.525  | 82   | 2362     | 0.258 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.731 | 152  | 5639     | 0.320 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.542 | 330  | 822      | 0.273 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.640 | 172  | 8013     | 0.296 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.829 | 212  | 12868    | 0.411 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.452 | 244  | 8971     | 0.550 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.180 | 128  | 809      | 0.025 | ng    | # 69     |
| 20) 4,6-Dinitro-2-methylph... | 16.324 | 198  | 4        | 0.139 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

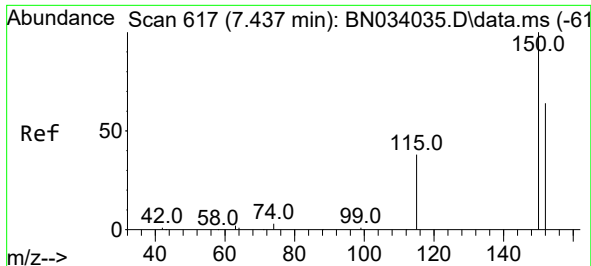
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101024\  
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EB04-20241001

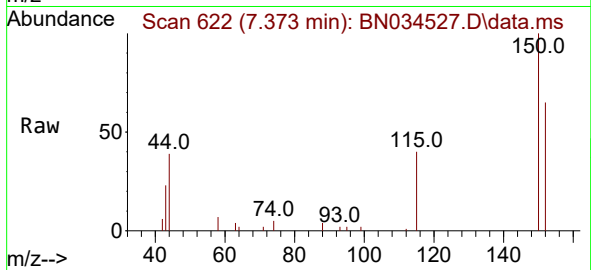
Quant Time: Oct 11 00:22:21 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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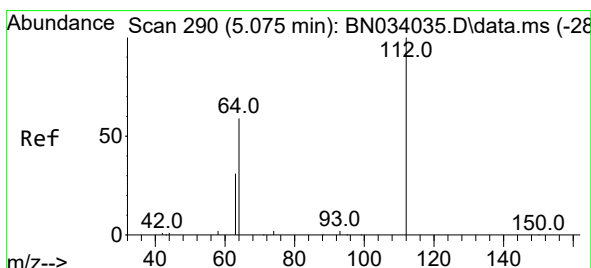
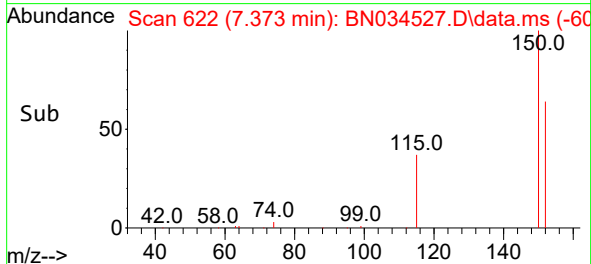
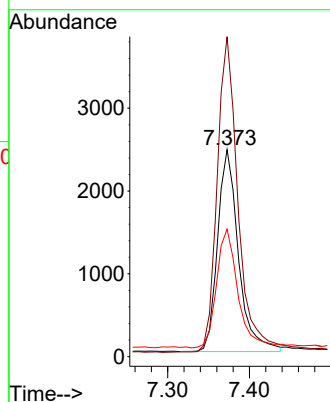


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.373 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20241001

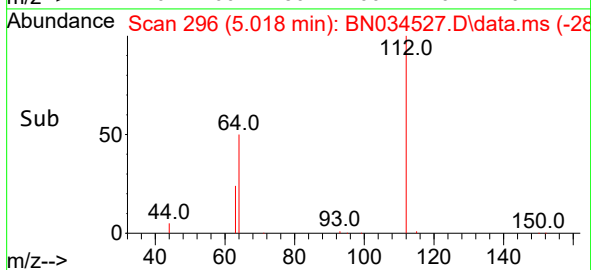
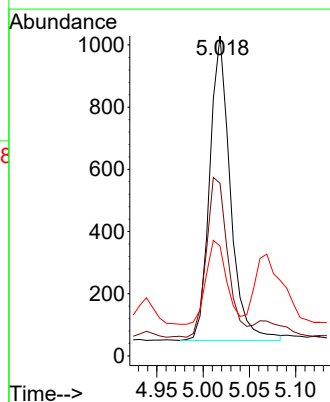
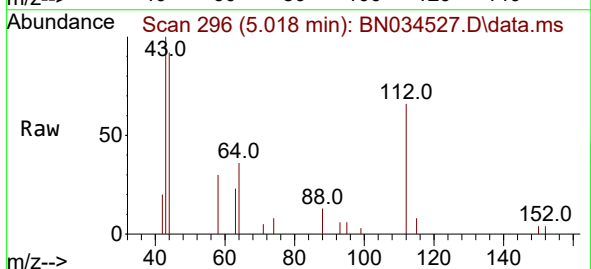


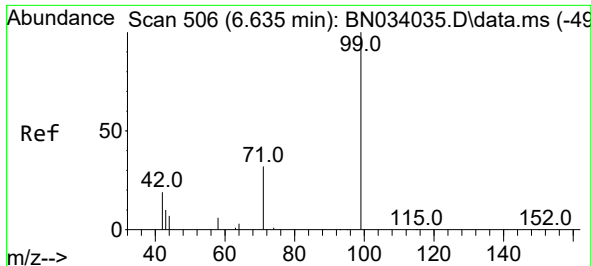
Tgt Ion:152 Resp: 4333  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.6 187.0  
115 61.6 50.0 75.0



#4  
2-Fluorophenol  
Concen: 0.123 ng  
RT: 5.018 min Scan# 296  
Delta R.T. 0.007 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Tgt Ion:112 Resp: 1514  
Ion Ratio Lower Upper  
112 100  
64 53.7 48.6 72.8  
63 27.3 25.6 38.4

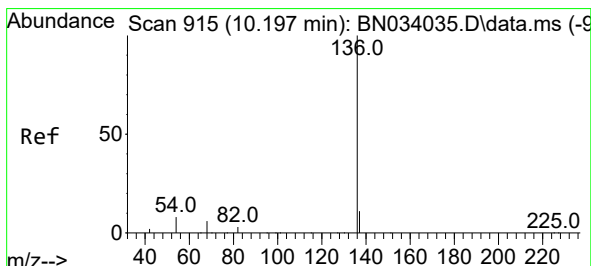
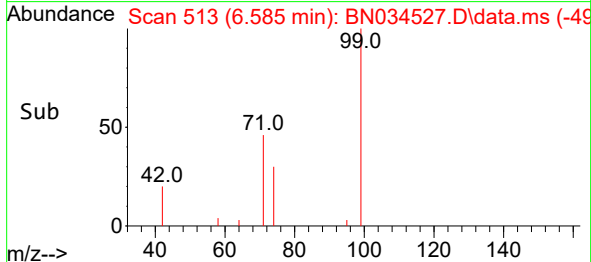
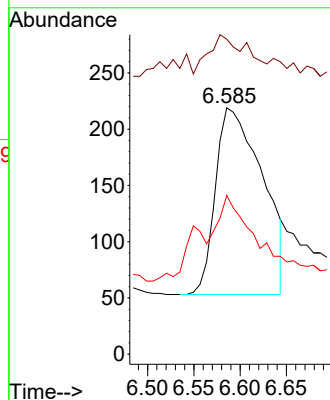
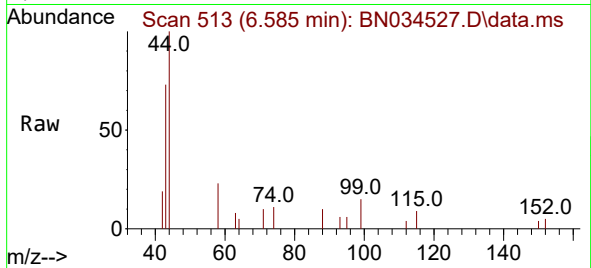




#5  
Phenol-d6  
Concen: 0.041 ng  
RT: 6.585 min Scan# 513  
Delta R.T. 0.014 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

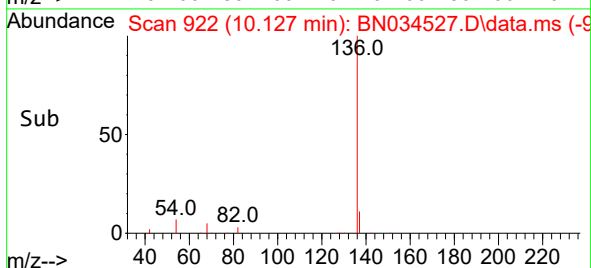
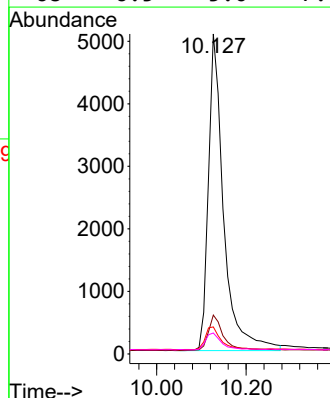
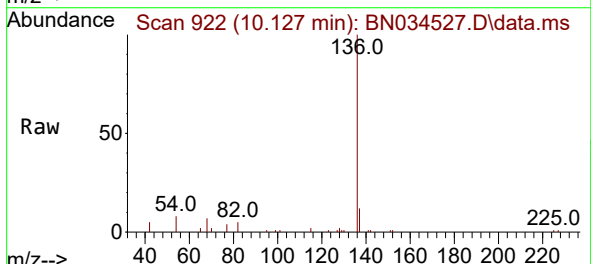
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20241001

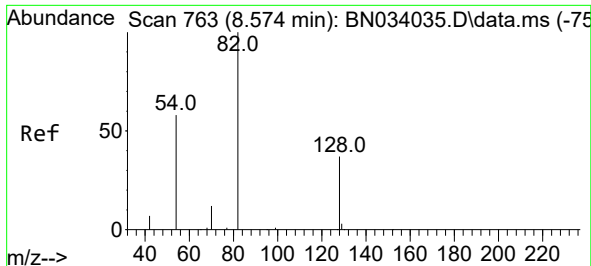
Tgt Ion: 99 Resp: 587  
Ion Ratio Lower Upper  
99 100  
42 16.7 17.8 26.8#  
71 23.2 26.2 39.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.127 min Scan# 922  
Delta R.T. -0.000 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Tgt Ion: 136 Resp: 11948  
Ion Ratio Lower Upper  
136 100  
137 12.2 9.0 13.6  
54 8.4 6.8 10.2  
68 6.5 5.0 7.6

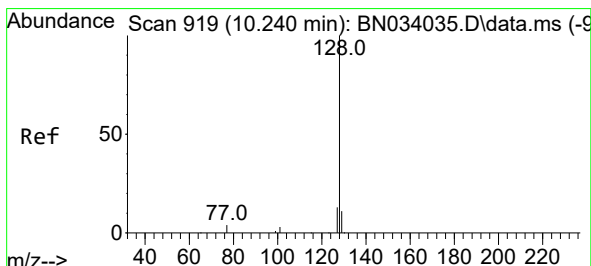
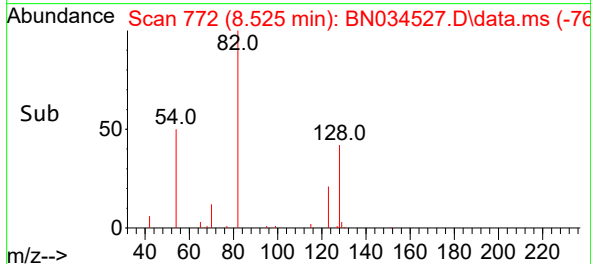
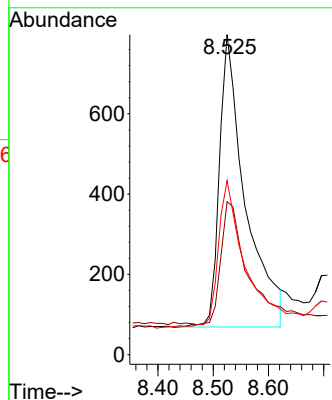
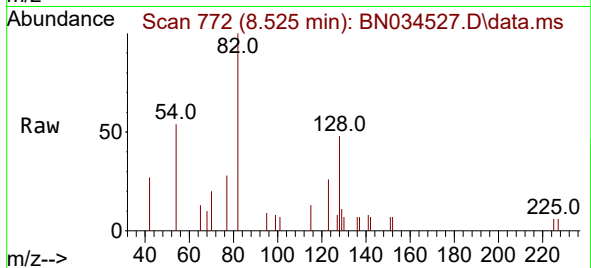




#8  
Nitrobenzene-d5  
Concen: 0.258 ng  
RT: 8.525 min Scan# 71  
Delta R.T. 0.011 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

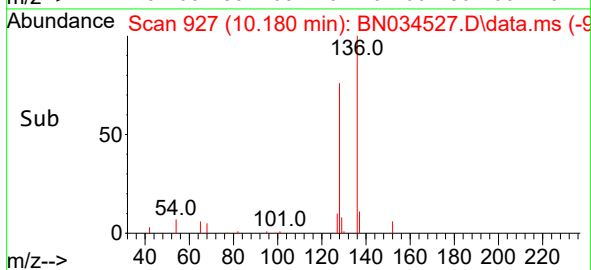
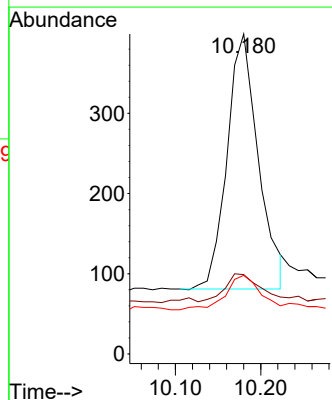
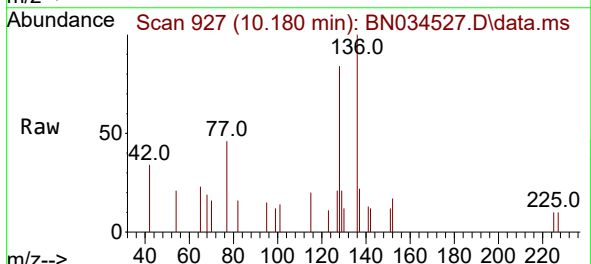
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20241001

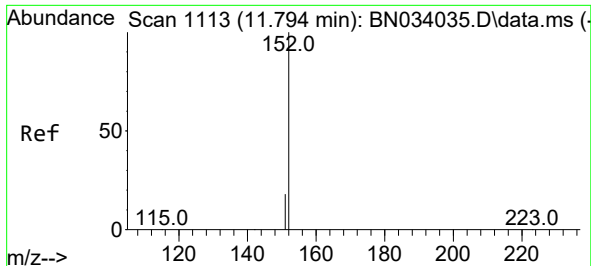
Tgt Ion: 82 Resp: 2362  
Ion Ratio Lower Upper  
82 100  
128 47.8 31.4 47.2#  
54 54.3 47.4 71.0



#9  
Naphthalene  
Concen: 0.025 ng  
RT: 10.180 min Scan# 927  
Delta R.T. 0.011 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Tgt Ion: 128 Resp: 809  
Ion Ratio Lower Upper  
128 100  
129 24.8 9.2 13.8#  
127 24.6 10.7 16.1#

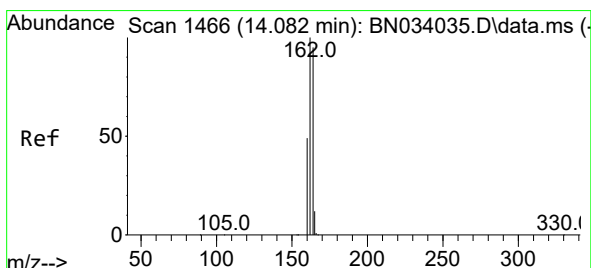
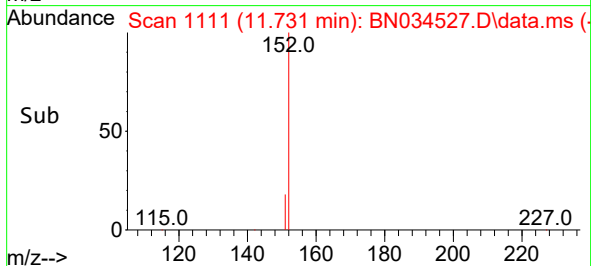
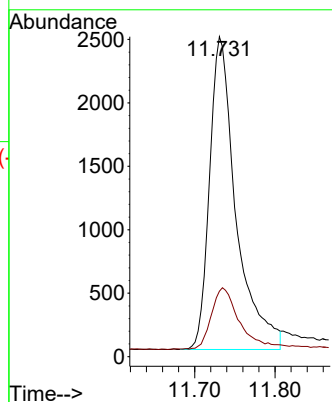
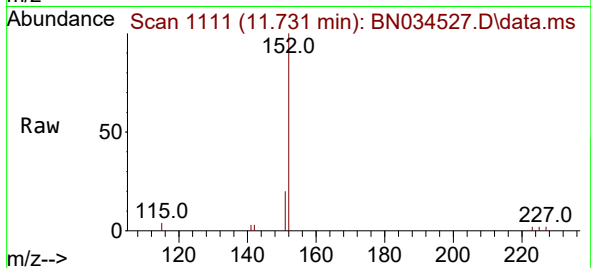




#11  
2-Methylnaphthalene-d10  
Concen: 0.320 ng  
RT: 11.731 min Scan# 1111  
Delta R.T. 0.004 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

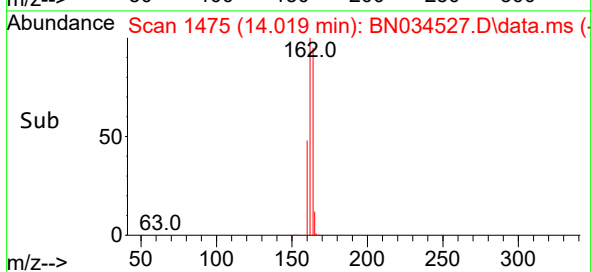
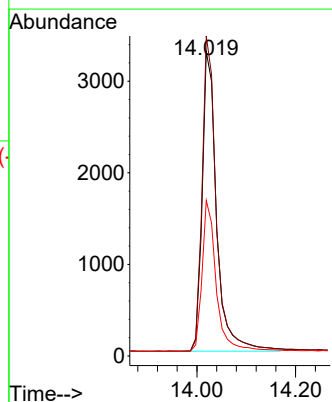
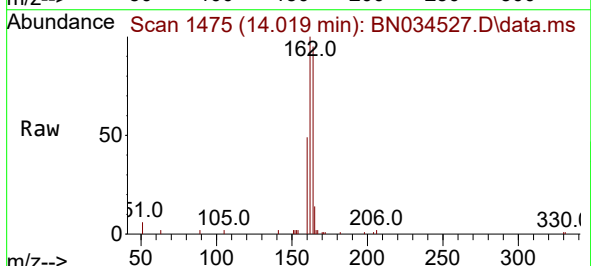
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20241001

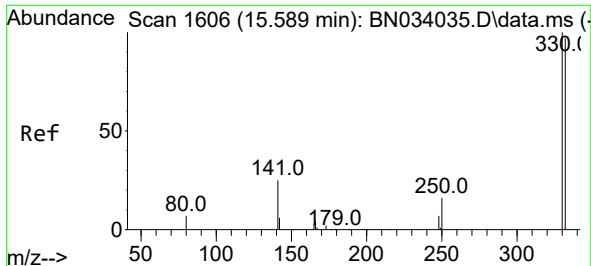
Tgt Ion:152 Resp: 5639  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.019 min Scan# 1475  
Delta R.T. 0.004 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

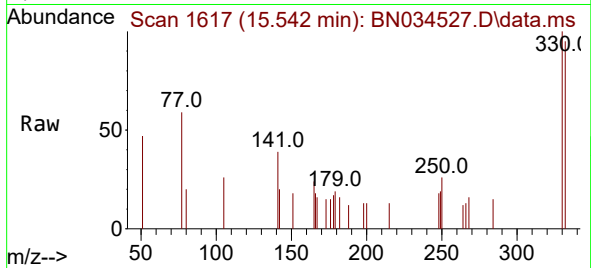
Tgt Ion:164 Resp: 6655  
Ion Ratio Lower Upper  
164 100  
162 105.1 84.2 126.2  
160 51.1 41.7 62.5



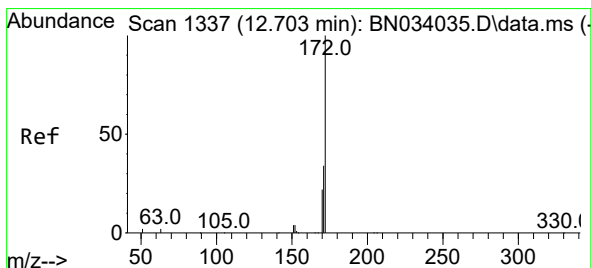
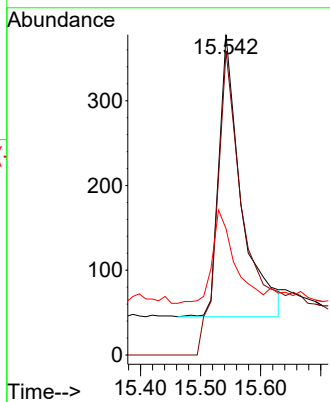
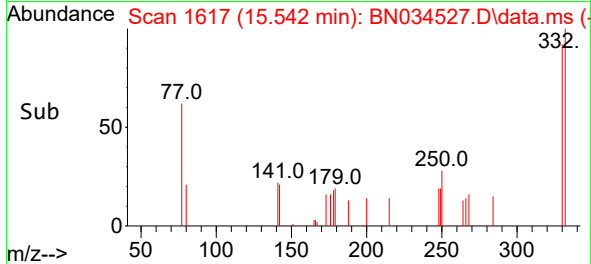


#14  
2,4,6-Tribromophenol  
Concen: 0.273 ng  
RT: 15.542 min Scan# 1617  
Delta R.T. 0.005 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

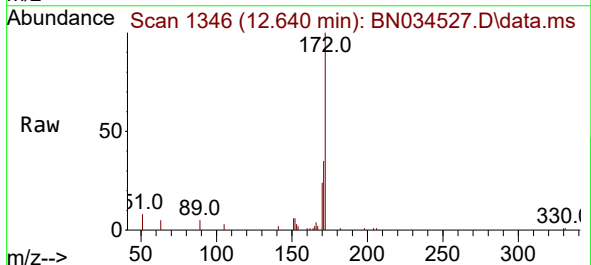
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20241001



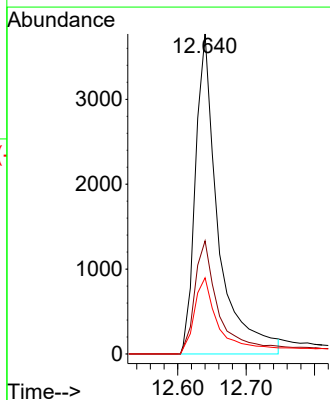
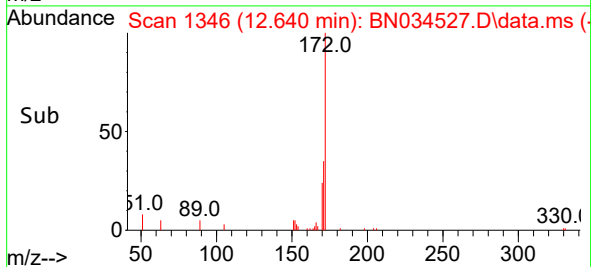
Tgt Ion: 330 Resp: 822  
Ion Ratio Lower Upper  
330 100  
332 147.3 77.4 116.0#  
141 33.2 35.9 53.9#

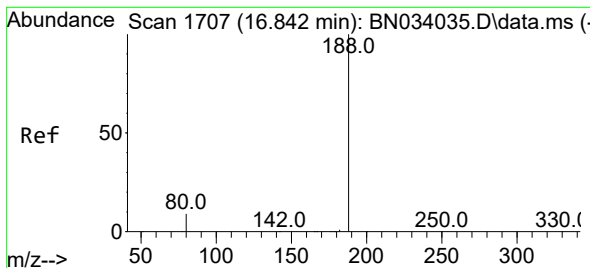


#15  
2-Fluorobiphenyl  
Concen: 0.296 ng  
RT: 12.640 min Scan# 1346  
Delta R.T. 0.004 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43



Tgt Ion: 172 Resp: 8013  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.3 40.9  
170 23.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.783 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034527.D

Acq: 10 Oct 2024 18:43

Instrument :

BNA\_N

ClientSampleId :

EB04-20241001

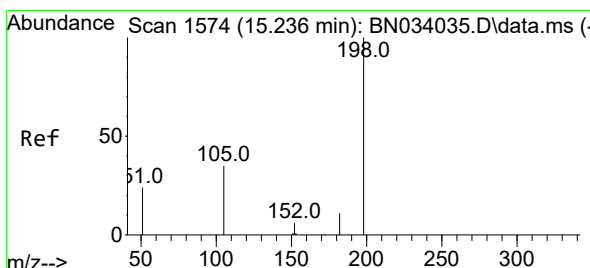
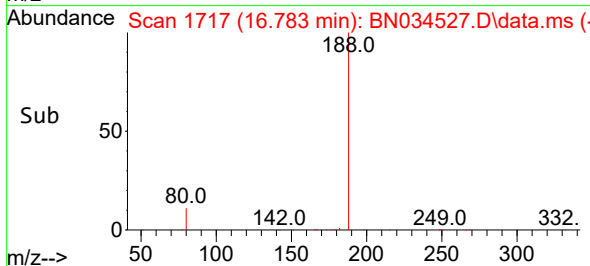
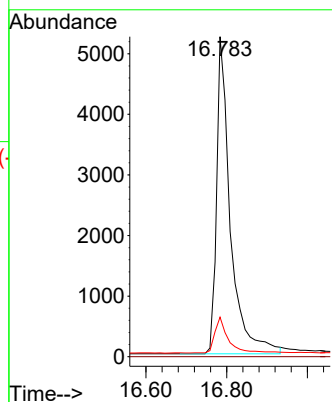
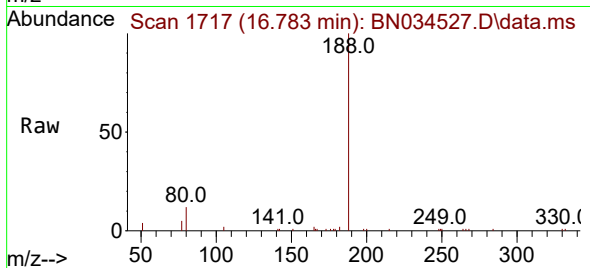
Tgt Ion:188 Resp: 12408

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.324 min Scan# 1680

Delta R.T. 0.043 min

Lab File: BN034527.D

Acq: 10 Oct 2024 18:43

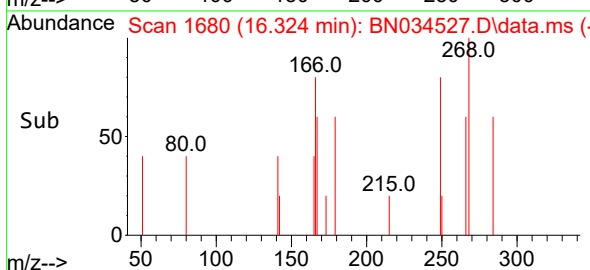
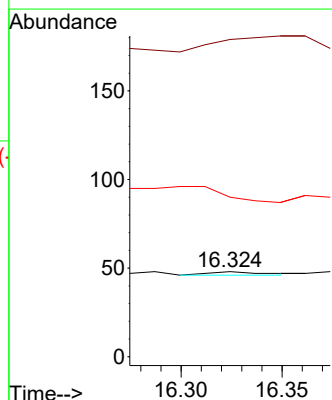
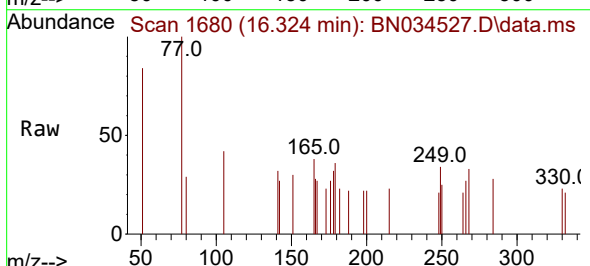
Tgt Ion:198 Resp: 4

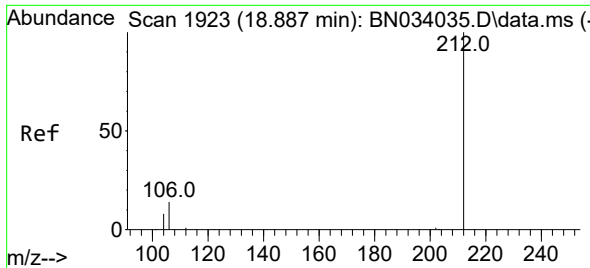
Ion Ratio Lower Upper

198 100

51 372.9 106.4 159.6#

105 187.5 38.5 57.7#

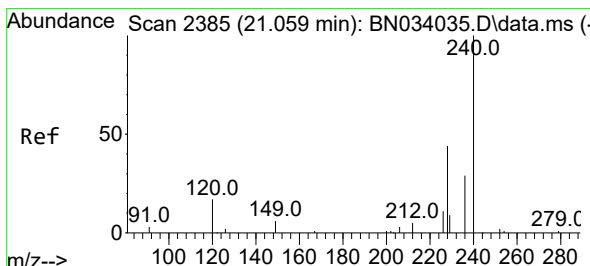
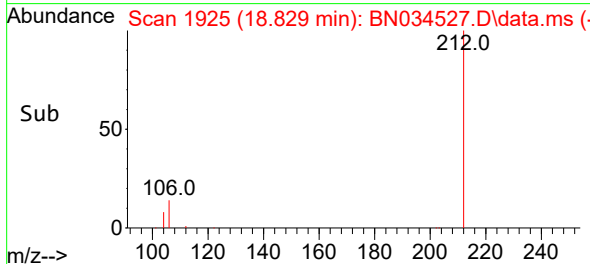
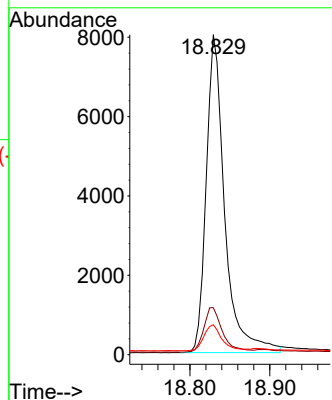
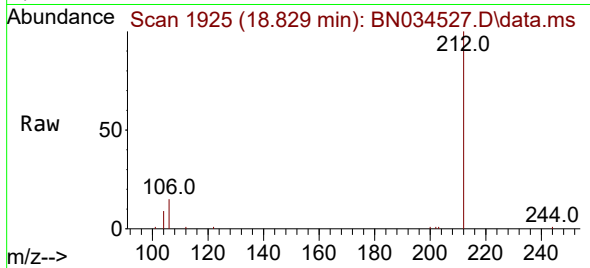




#27  
Fluoranthene-d10  
Concen: 0.411 ng  
RT: 18.829 min Scan# 1925  
Delta R.T. 0.002 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

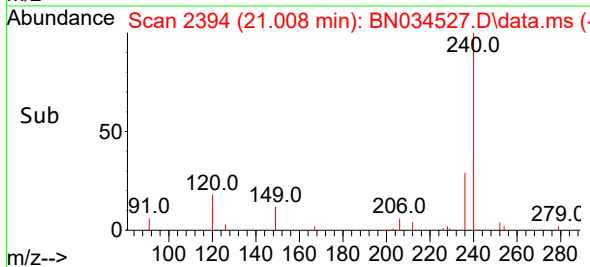
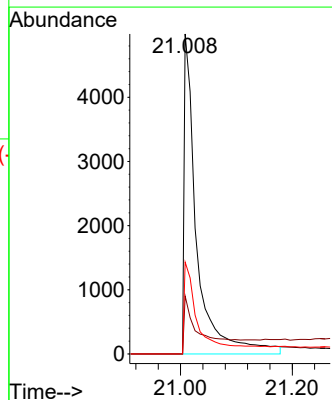
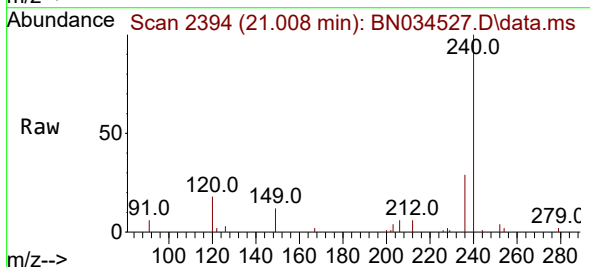
Instrument :  
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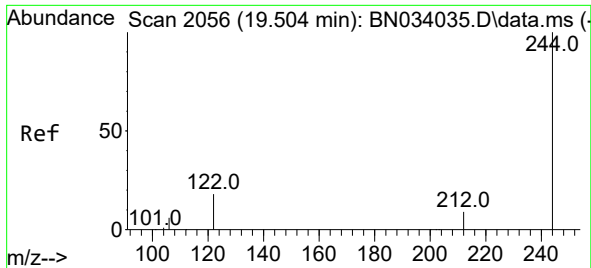
Tgt Ion:212 Resp: 12868  
Ion Ratio Lower Upper  
212 100  
106 14.3 13.4 20.2  
104 7.8 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.008 min Scan# 2394  
Delta R.T. 0.002 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Tgt Ion:240 Resp: 8167  
Ion Ratio Lower Upper  
240 100  
120 18.1 13.5 20.3  
236 28.7 23.4 35.0

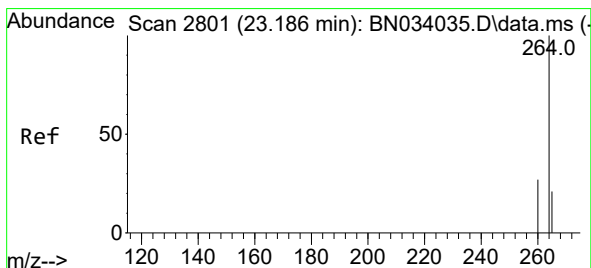
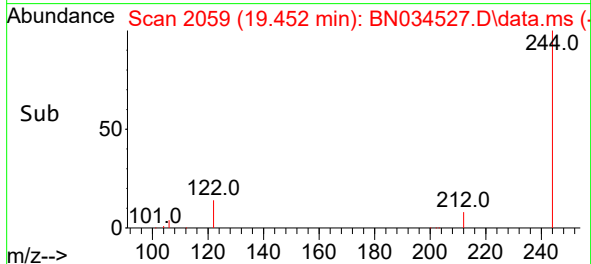
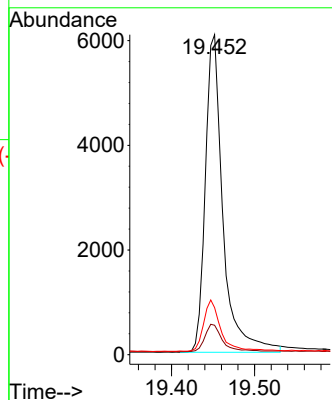
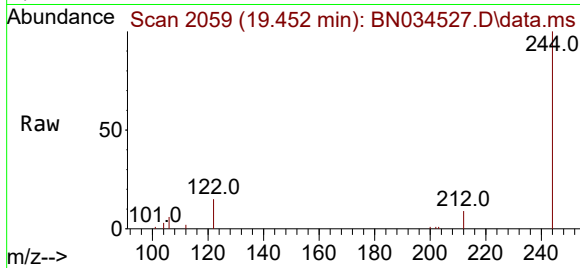




#31  
Terphenyl-d14  
Concen: 0.550 ng  
RT: 19.452 min Scan# 2056  
Delta R.T. 0.002 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20241001

Tgt Ion:244 Resp: 8971  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.8 11.6  
122 14.7 14.8 22.2#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.119 min Scan# 2794  
Delta R.T. 0.005 min  
Lab File: BN034527.D  
Acq: 10 Oct 2024 18:43

Tgt Ion:264 Resp: 10036  
Ion Ratio Lower Upper  
264 100  
260 25.8 21.7 32.5  
265 88.0 52.1 78.1#

