

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101024\  
 Data File : BN034524.D  
 Acq On : 10 Oct 2024 16:55  
 Operator : RC/JU  
 Sample : P4263-06  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE114D2-20240930

Quant Time: Oct 10 17:51:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 26 14:44:02 2024  
 Response via : Initial Calibration

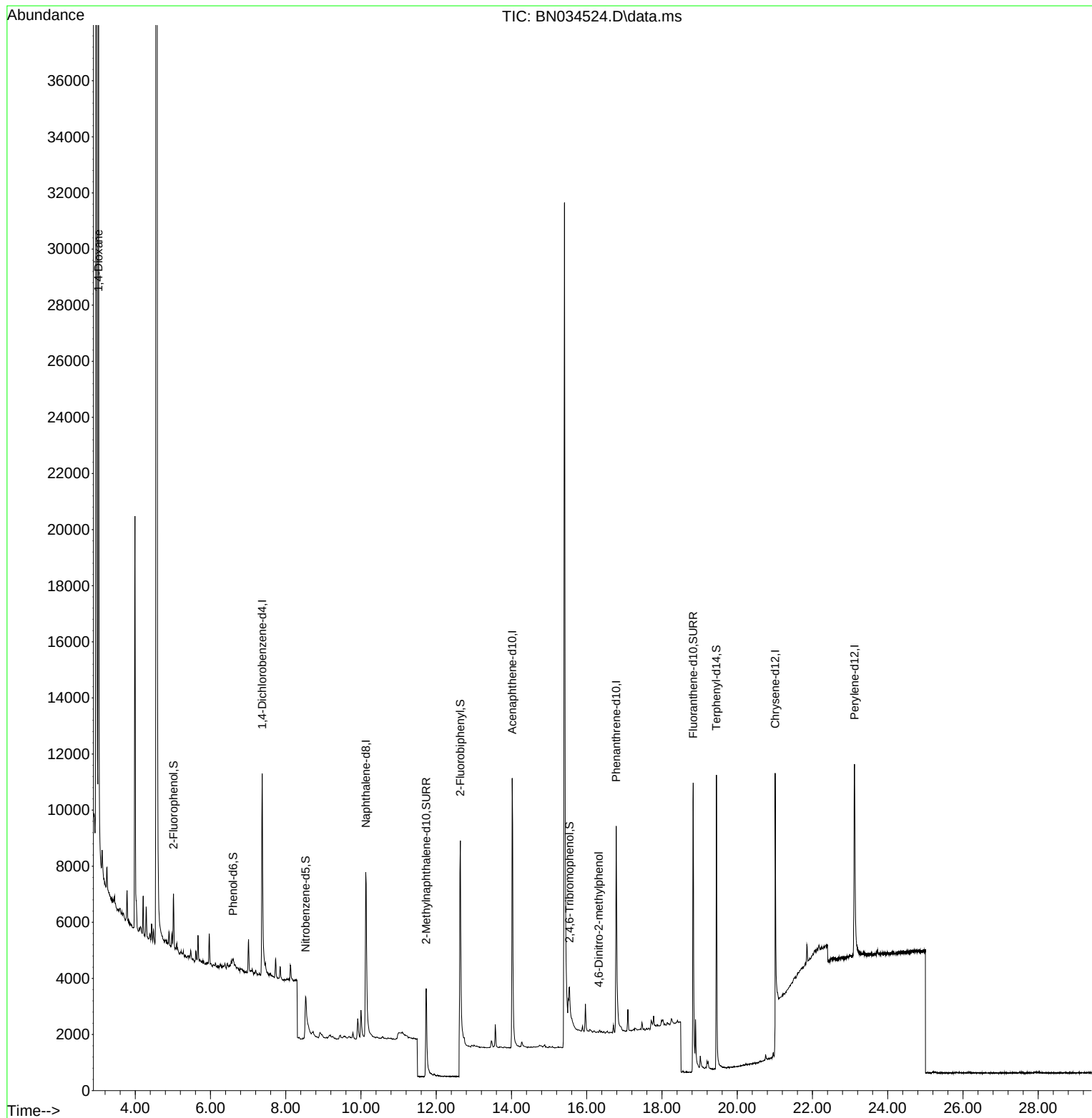
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.373  | 152  | 4252     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.127 | 136  | 12054    | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.019 | 164  | 6850     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 16.784 | 188  | 13020    | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.008 | 240  | 7655     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.116 | 264  | 10465    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.018  | 112  | 1613     | 0.134 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.600  | 99   | 589      | 0.042 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.525  | 82   | 2428     | 0.263 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.731 | 152  | 6299     | 0.354 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.542 | 330  | 923      | 0.297 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.640 | 172  | 8911     | 0.320 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 18.829 | 212  | 13718    | 0.418 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.447 | 244  | 11027    | 0.721 | ng    | -0.02    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.025  | 88   | 19993    | 3.761 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.324 | 198  | 1        | 0.138 | ng    | # 1      |

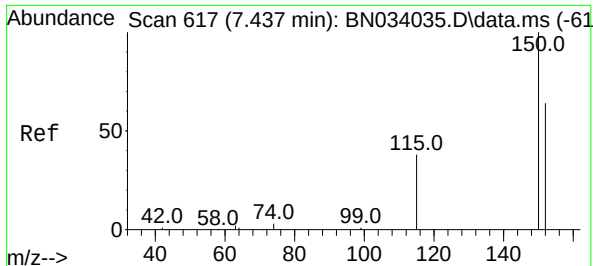
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101024\  
Data File : BN034524.D  
Acq On : 10 Oct 2024 16:55  
Operator : RC/JU  
Sample : P4263-06  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20240930

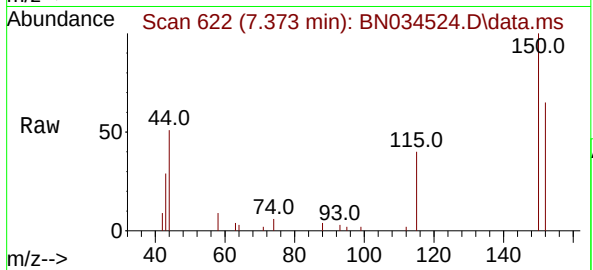
Quant Time: Oct 10 17:51:53 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 26 14:44:02 2024  
Response via : Initial Calibration



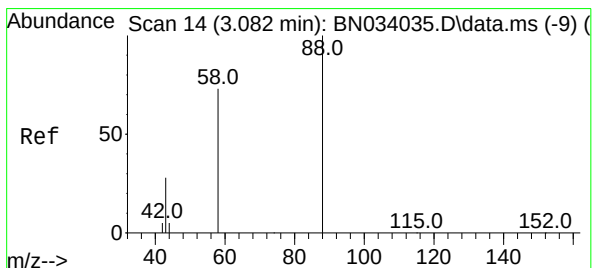
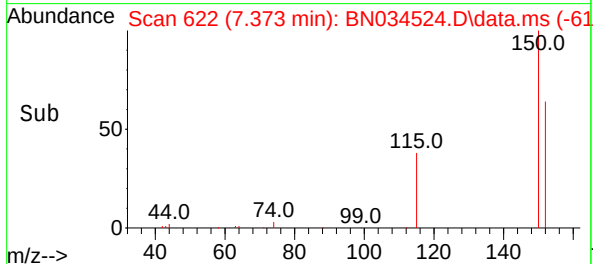
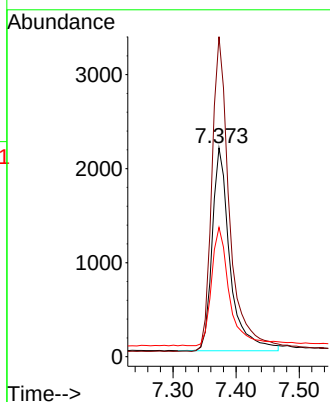


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.373 min Scan# 61  
Delta R.T. -0.021 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20240930

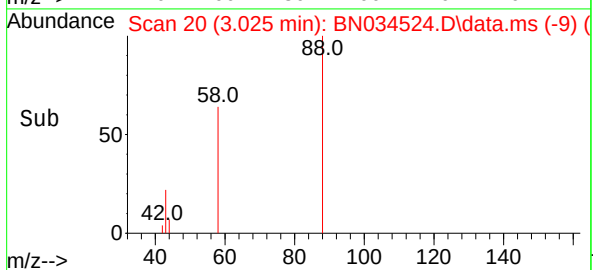
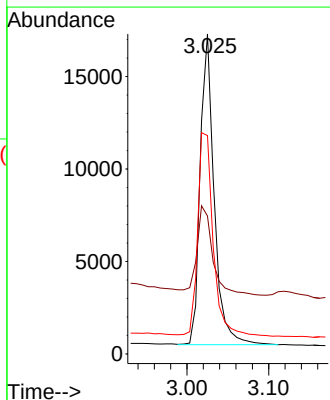
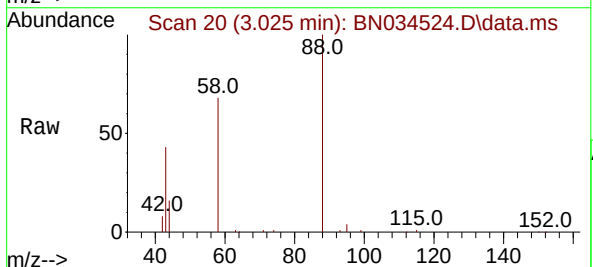


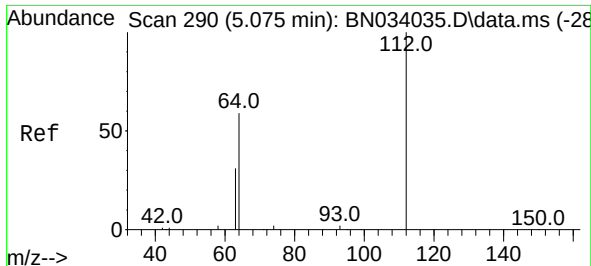
Tgt Ion:152 Resp: 4252  
Ion Ratio Lower Upper  
152 100  
150 153.3 124.6 187.0  
115 62.0 50.0 75.0



#2  
1,4-Dioxane  
Concen: 3.761 ng  
RT: 3.025 min Scan# 20  
Delta R.T. -0.022 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Tgt Ion: 88 Resp: 19993  
Ion Ratio Lower Upper  
88 100  
43 32.4 25.8 38.8  
58 72.8 58.8 88.2

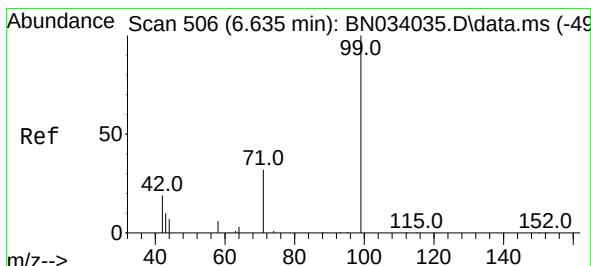
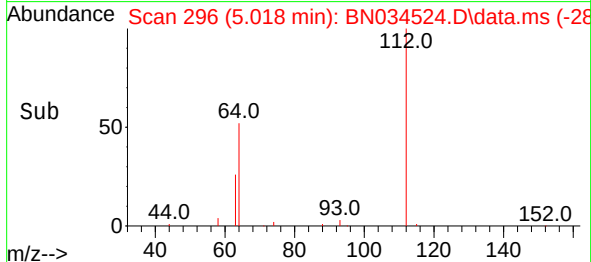
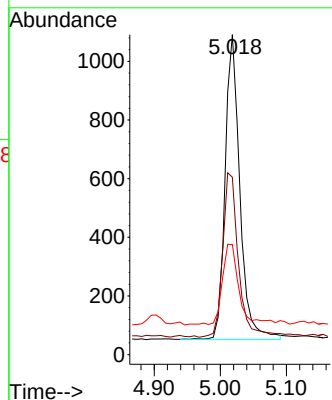
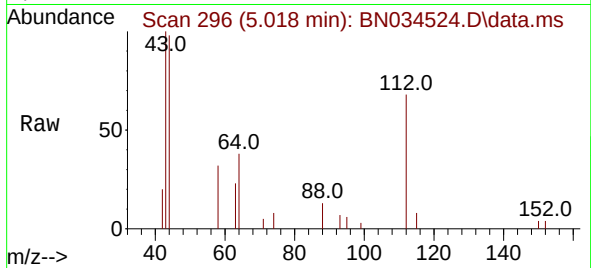




#4  
2-Fluorophenol  
Concen: 0.134 ng  
RT: 5.018 min Scan# 20  
Delta R.T. -0.014 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

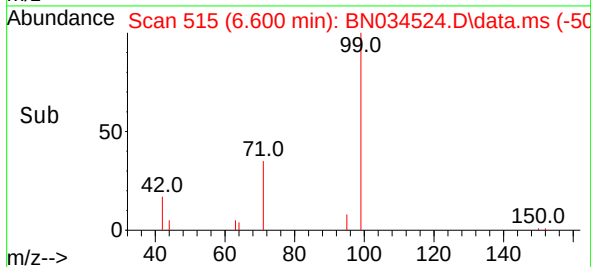
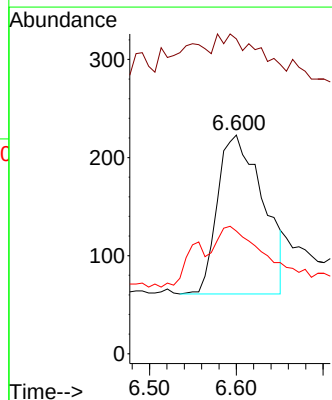
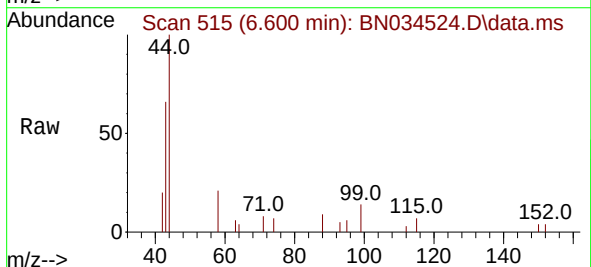
Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20240930

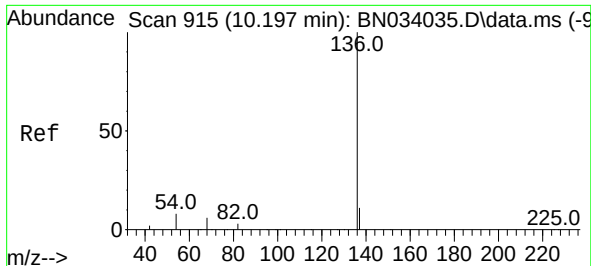
Tgt Ion:112 Resp: 1613  
Ion Ratio Lower Upper  
112 100  
64 57.4 48.6 72.8  
63 28.7 25.6 38.4



#5  
Phenol-d6  
Concen: 0.042 ng  
RT: 6.600 min Scan# 515  
Delta R.T. 0.000 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Tgt Ion: 99 Resp: 589  
Ion Ratio Lower Upper  
99 100  
42 0.0 17.8 26.8#  
71 22.2 26.2 39.2#

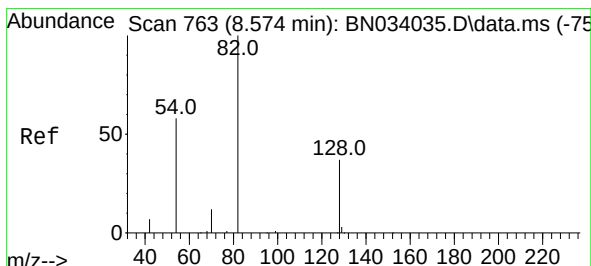
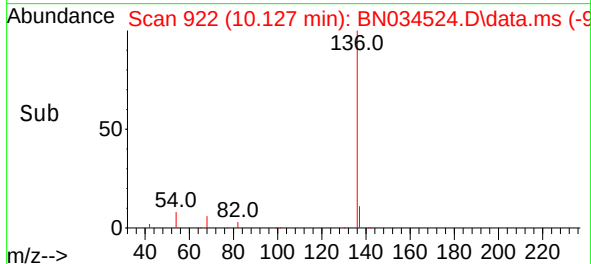
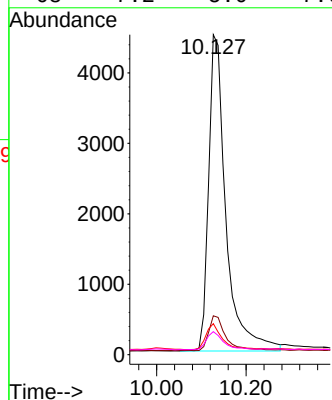
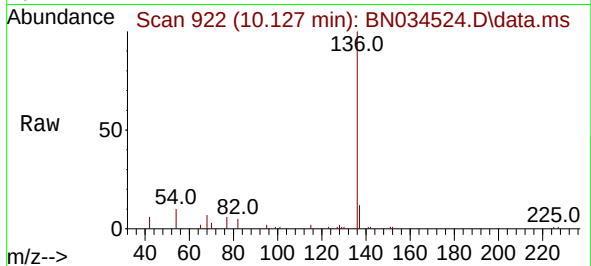




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.127 min Scan# 915  
Delta R.T. -0.021 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

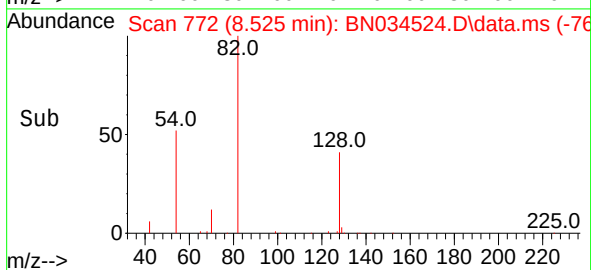
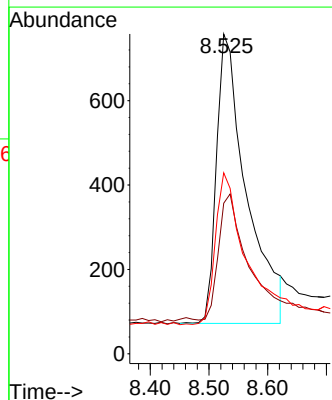
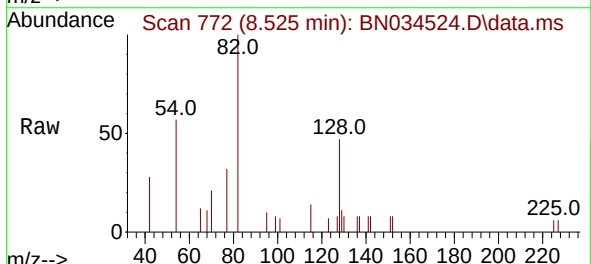
Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20240930

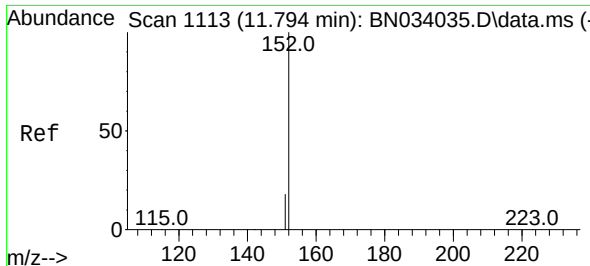
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12054 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.2  | 9.0   | 13.6  |
| 54        | 9.7   | 6.8   | 10.2  |
| 68        | 7.2   | 5.0   | 7.6   |



#8  
Nitrobenzene-d5  
Concen: 0.263 ng  
RT: 8.525 min Scan# 772  
Delta R.T. -0.011 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2428 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 47.1  | 31.4  | 47.2 |
| 54        | 56.6  | 47.4  | 71.0 |





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 11.731 min Scan# 1111

Delta R.T. -0.023 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

Instrument :

BNA\_N

ClientSampleId :

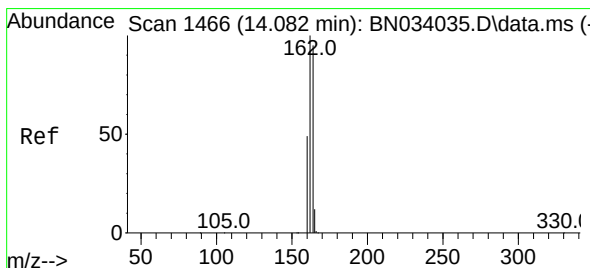
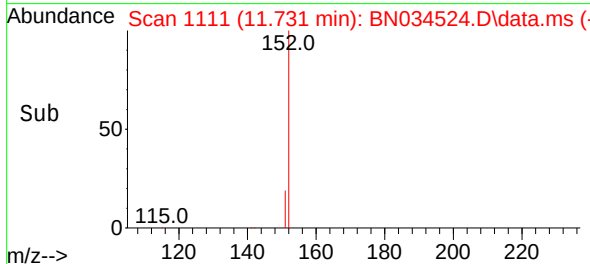
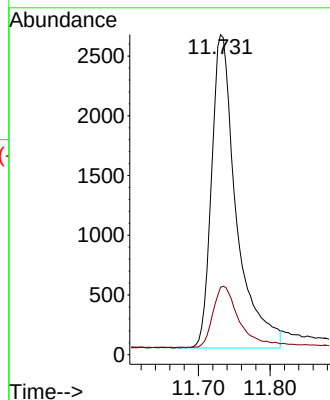
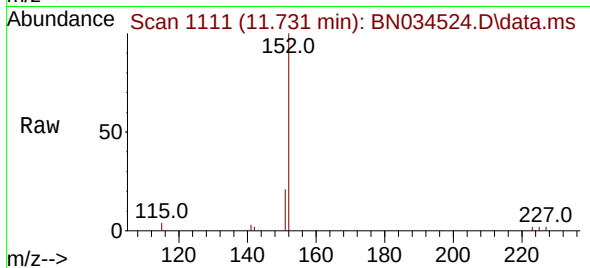
RE114D2-20240930

Tgt Ion:152 Resp: 6299

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.019 min Scan# 1475

Delta R.T. -0.028 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

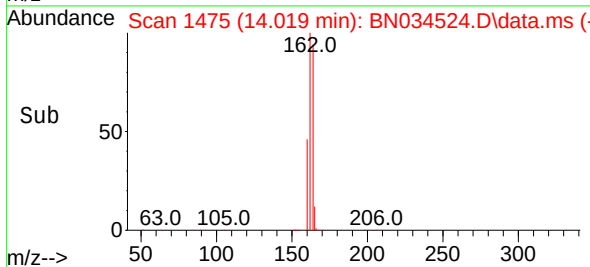
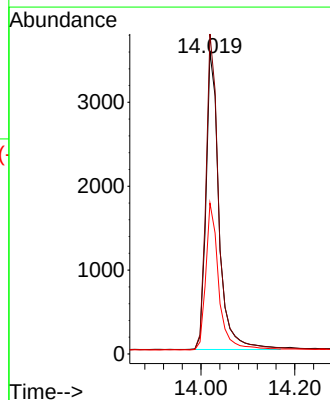
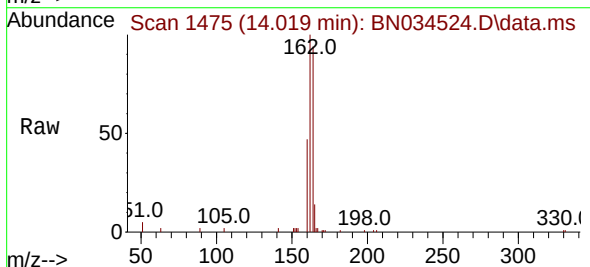
Tgt Ion:164 Resp: 6850

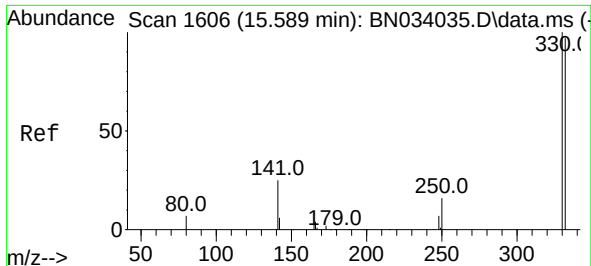
Ion Ratio Lower Upper

164 100

162 106.1 84.2 126.2

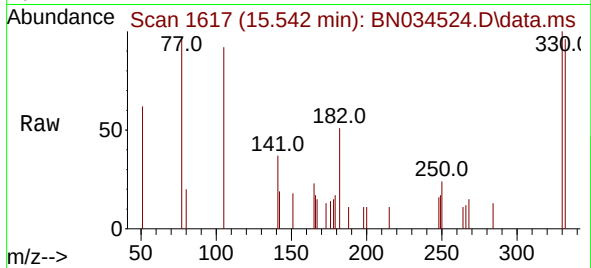
160 50.0 41.7 62.5



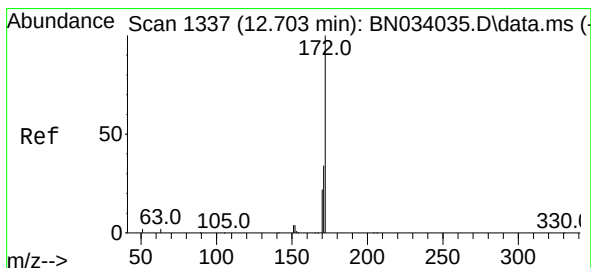
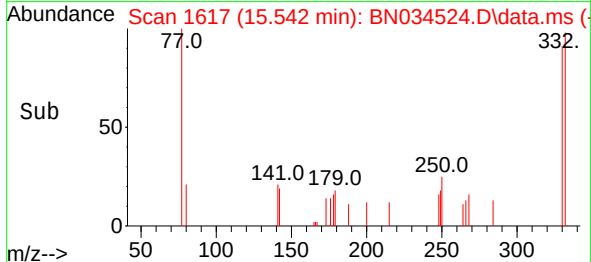
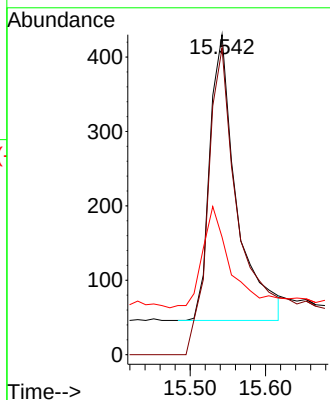


#14  
2,4,6-Tribromophenol  
Concen: 0.297 ng  
RT: 15.542 min Scan# 1617  
Delta R.T. -0.007 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20240930

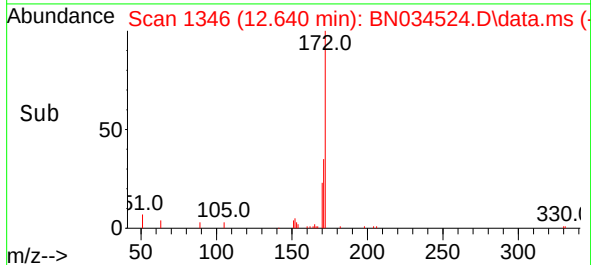
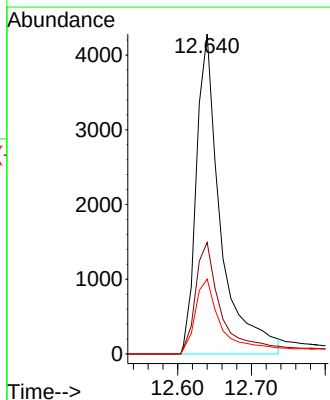
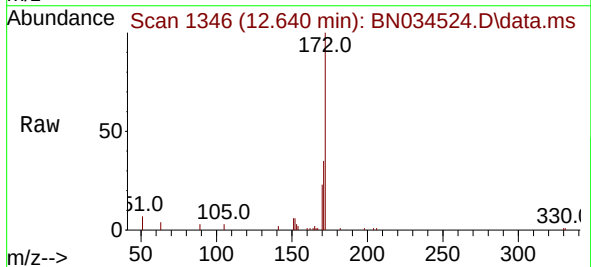


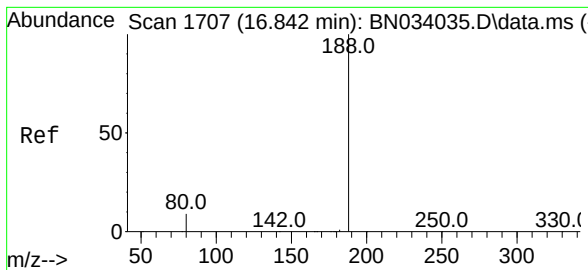
Tgt Ion:330 Resp: 923  
Ion Ratio Lower Upper  
330 100  
332 131.9 77.4 116.0#  
141 37.4 35.9 53.9



#15  
2-Fluorobiphenyl  
Concen: 0.320 ng  
RT: 12.640 min Scan# 1346  
Delta R.T. -0.017 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Tgt Ion:172 Resp: 8911  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.3 40.9  
170 23.4 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 1

Delta R.T. -0.019 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

Instrument :

BNA\_N

ClientSampleId :

RE114D2-20240930

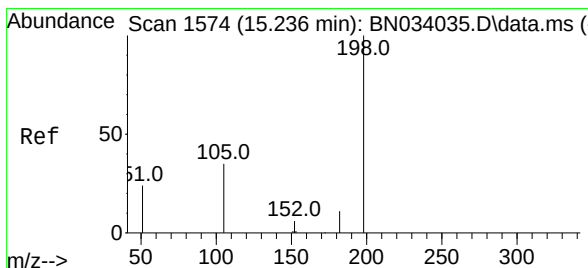
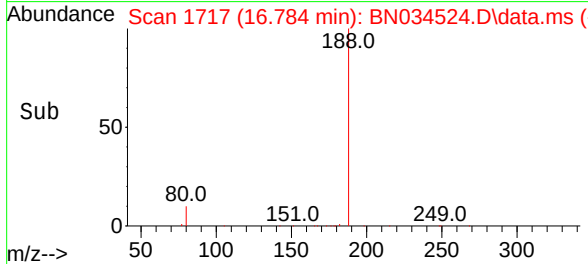
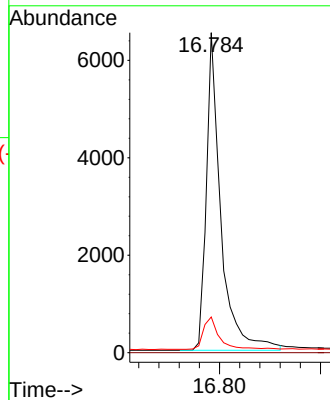
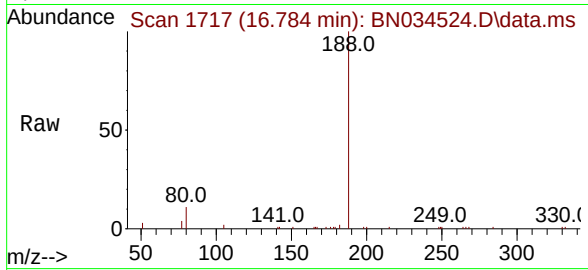
Tgt Ion:188 Resp: 13020

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 16.324 min Scan# 1680

Delta R.T. 0.018 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

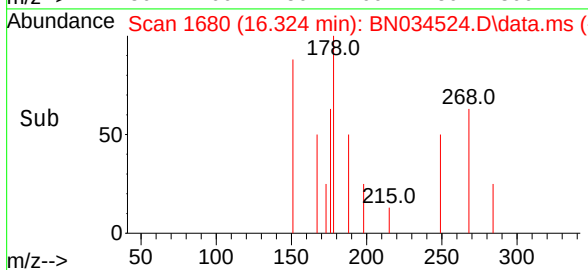
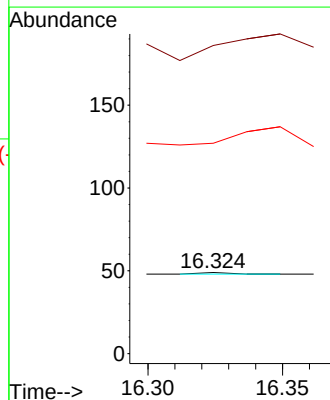
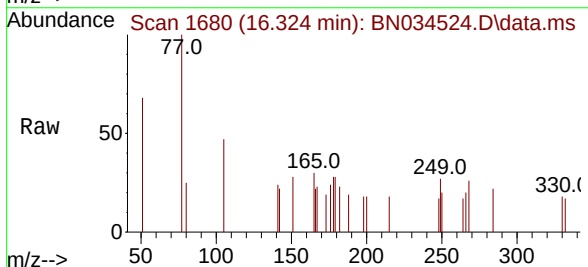
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

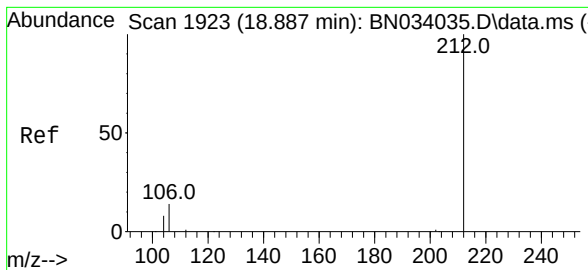
198 100

51 379.6 106.4 159.6#

105 259.2 38.5 57.7#







#27

Fluoranthene-d10

Concen: 0.418 ng

RT: 18.829 min Scan# 1925

Delta R.T. -0.016 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

Instrument :

BNA\_N

ClientSampleId :

RE114D2-20240930

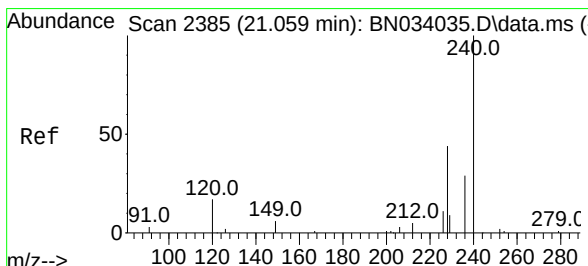
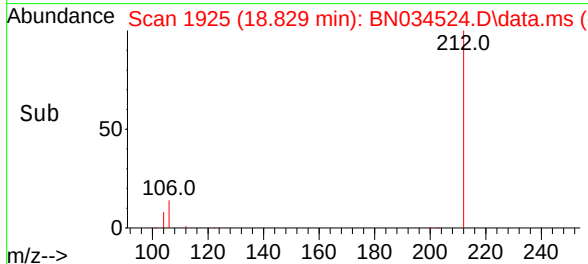
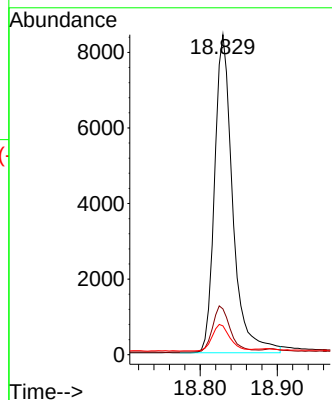
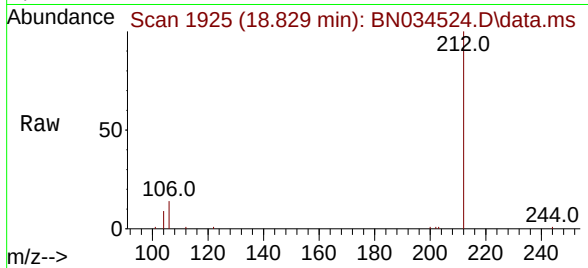
Tgt Ion:212 Resp: 13718

Ion Ratio Lower Upper

212 100

106 14.2 13.4 20.2

104 8.3 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

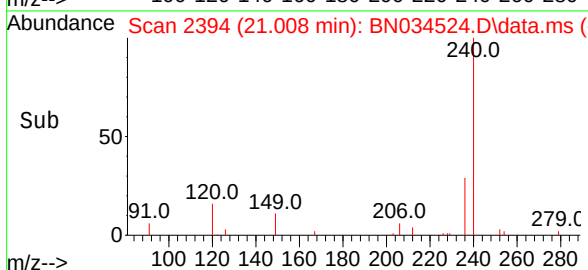
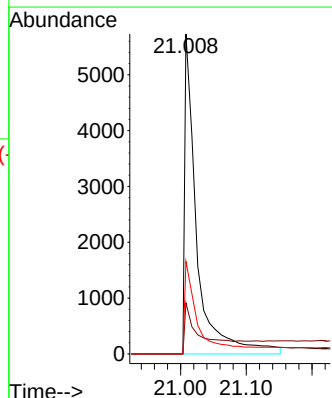
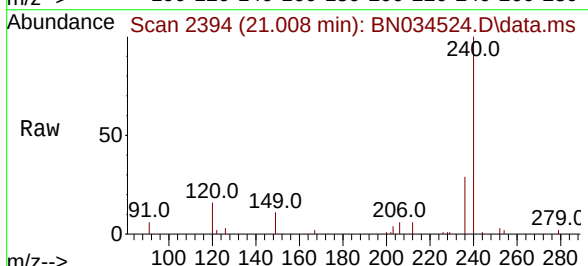
Tgt Ion:240 Resp: 7655

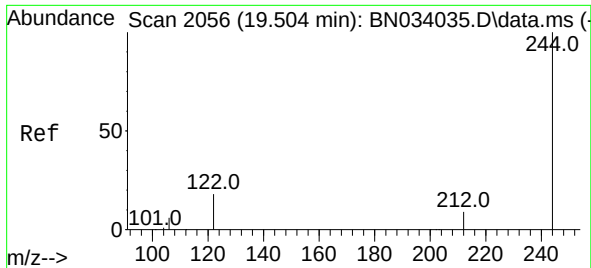
Ion Ratio Lower Upper

240 100

120 15.9 13.5 20.3

236 28.9 23.4 35.0

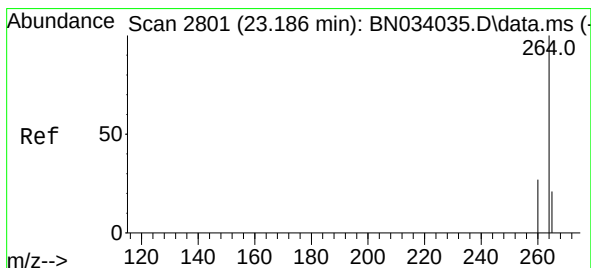
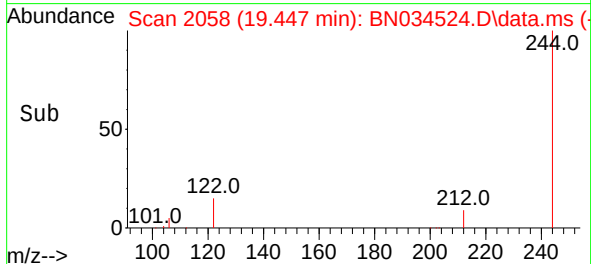
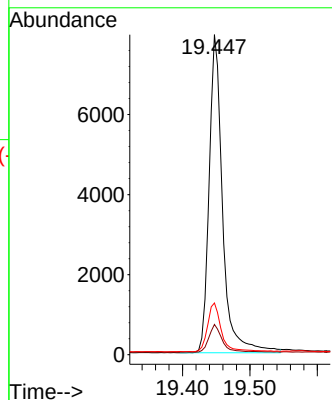
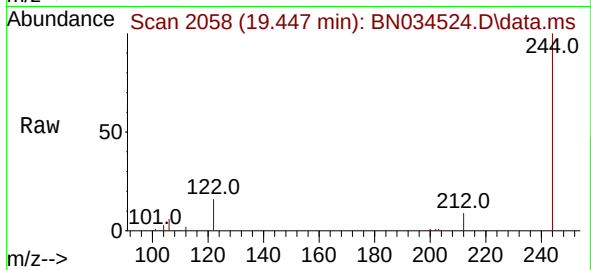




#31  
Terphenyl-d14  
Concen: 0.721 ng  
RT: 19.447 min Scan# 2056  
Delta R.T. -0.021 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20240930

Tgt Ion:244 Resp: 11027  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.8 11.6  
122 16.2 14.8 22.2



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.116 min Scan# 2793  
Delta R.T. -0.012 min  
Lab File: BN034524.D  
Acq: 10 Oct 2024 16:55

Tgt Ion:264 Resp: 10465  
Ion Ratio Lower Upper  
264 100  
260 26.3 21.7 32.5  
265 81.9 52.1 78.1#

