

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120623\  
 Data File : BN029088.D  
 Acq On : 07 Dec 2023 11:50  
 Operator : MA/JU  
 Sample : 05425-03  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 O-6(15-20)

Quant Time: Dec 07 12:22:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 00:49:47 2023  
 Response via : Initial Calibration

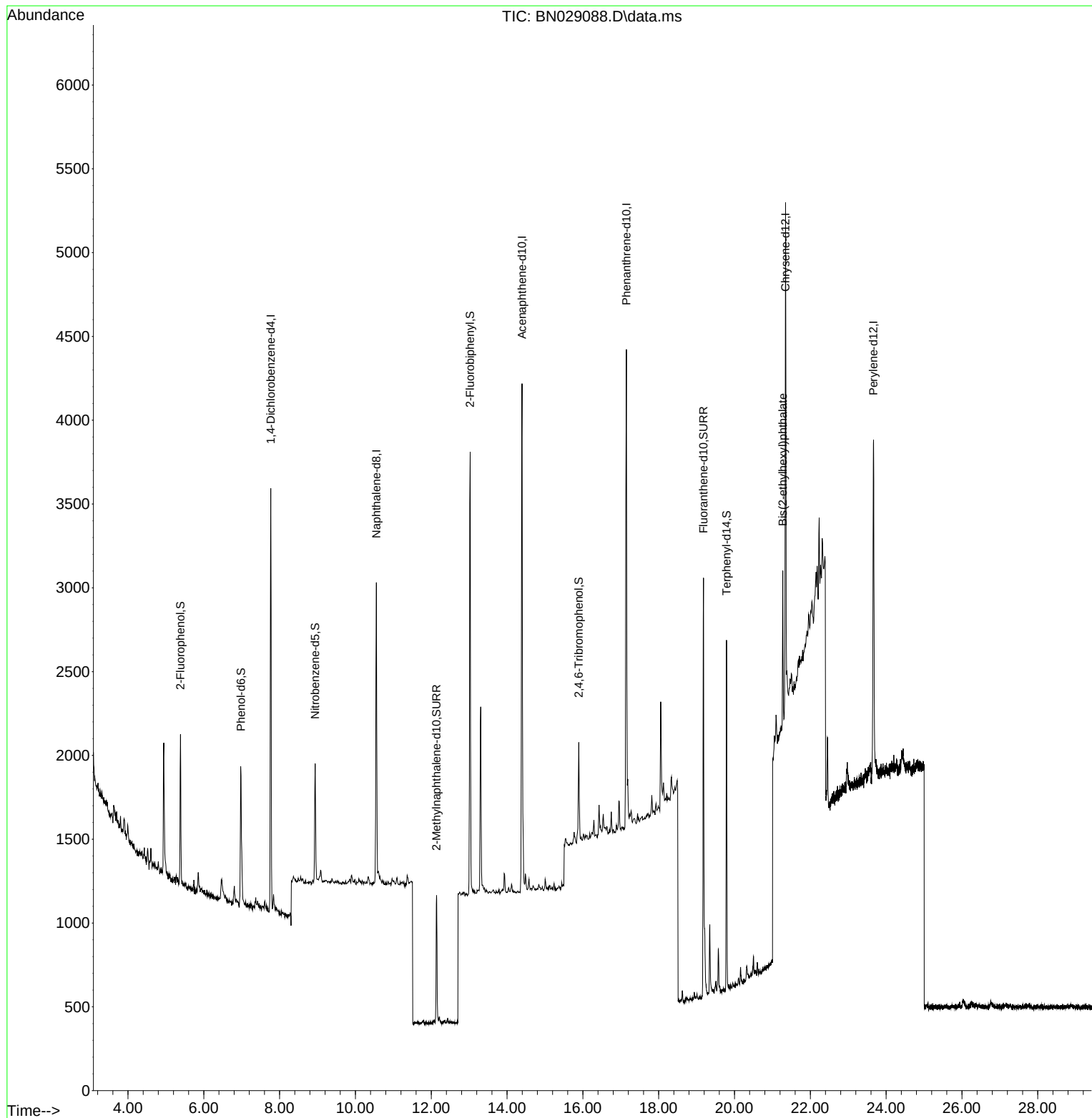
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 1232     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.551 | 136  | 2466     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.396 | 164  | 1860     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.146 | 188  | 4411     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.347 | 240  | 2775     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.667 | 264  | 2728     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 686      | 0.246 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.980  | 99   | 797      | 0.239 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.939  | 82   | 732      | 0.246 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.140 | 152  | 1073     | 0.207 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.893 | 330  | 377      | 0.184 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.028 | 172  | 2473     | 0.257 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.181 | 212  | 3014     | 0.217 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.789 | 244  | 1979     | 0.282 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 986      | 0.114 | ng    | # 91     |
| -----                         |        |      |          |       |       |          |

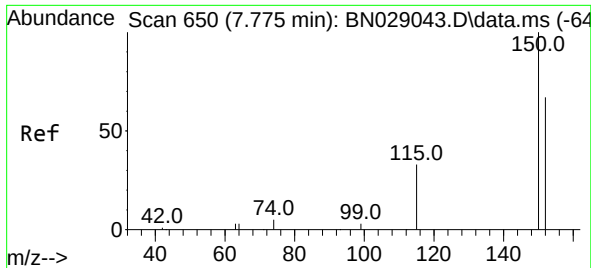
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120623\  
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Sample : 05425-03  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
O-6(15-20)

Quant Time: Dec 07 12:22:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 06 00:49:47 2023  
Response via : Initial Calibration

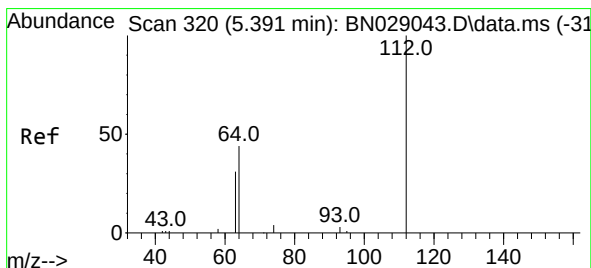
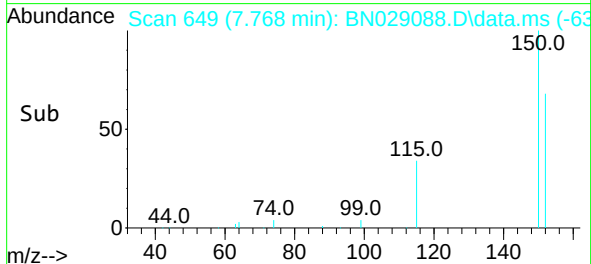
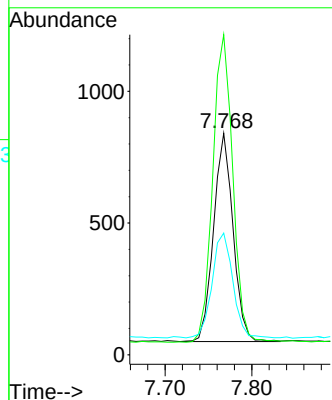
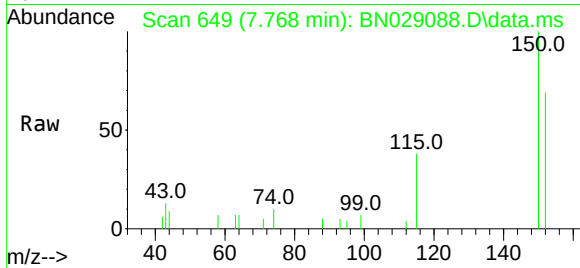




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.768 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

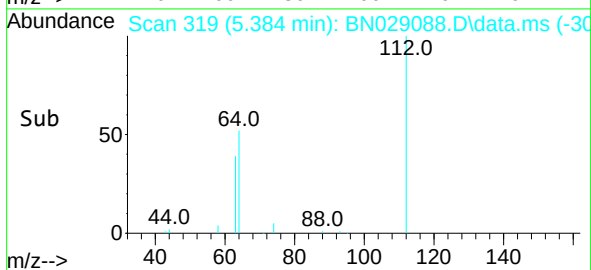
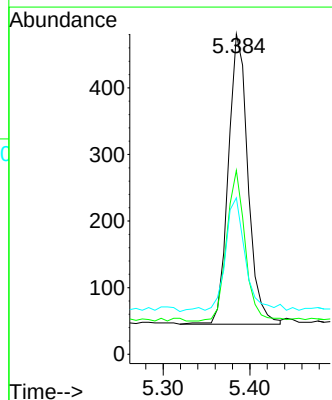
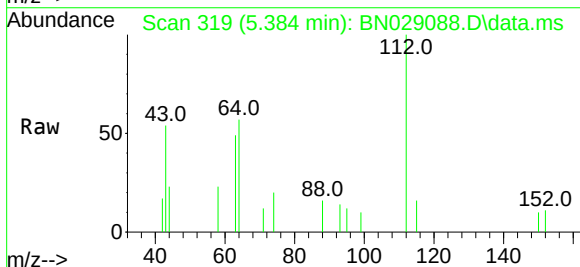
Instrument :  
BNA\_N  
ClientSampleId :  
O-6(15-20)

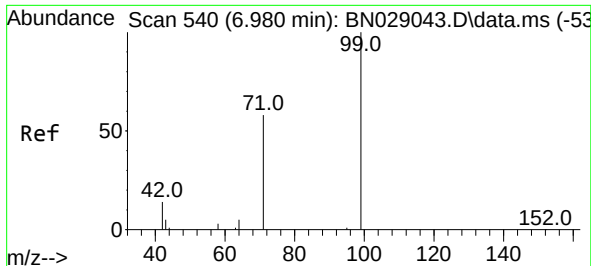
Tgt Ion:152 Resp: 1232  
Ion Ratio Lower Upper  
152 100  
150 144.5 116.2 174.4  
115 54.9 45.1 67.7



#4  
2-Fluorophenol  
Concen: 0.246 ng  
RT: 5.384 min Scan# 319  
Delta R.T. -0.007 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

Tgt Ion:112 Resp: 686  
Ion Ratio Lower Upper  
112 100  
64 48.8 37.0 55.6  
63 41.4 29.0 43.6

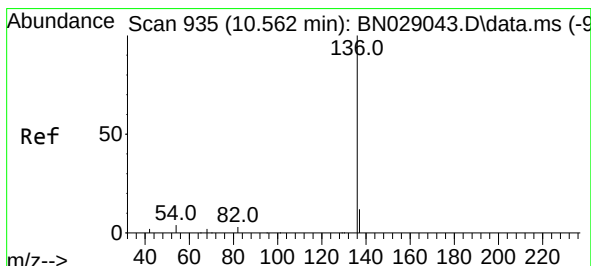
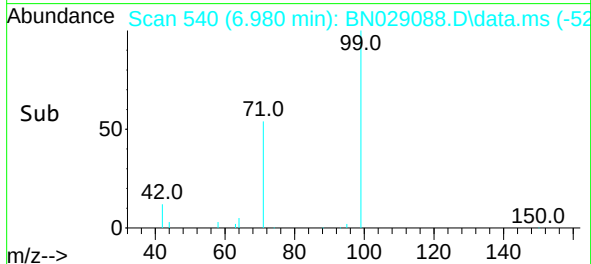
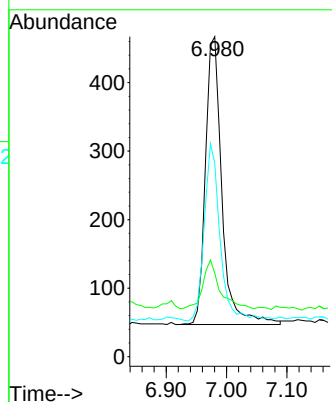
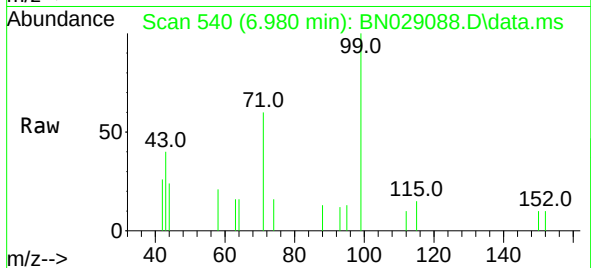




#5  
Phenol-d6  
Concen: 0.239 ng  
RT: 6.980 min Scan# 540  
Delta R.T. 0.000 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

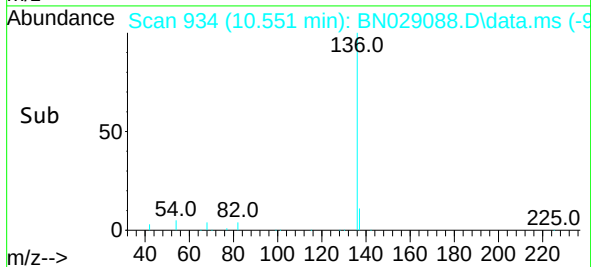
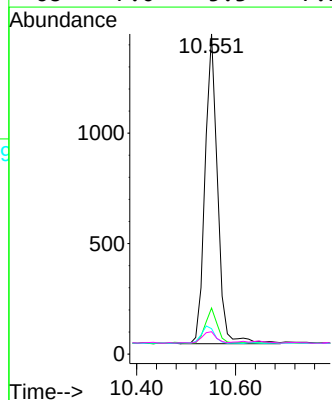
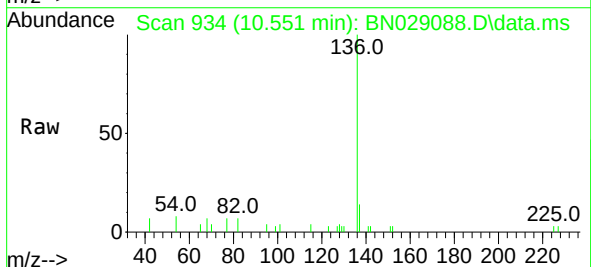
Instrument :  
BNA\_N  
ClientSampleId :  
O-6(15-20)

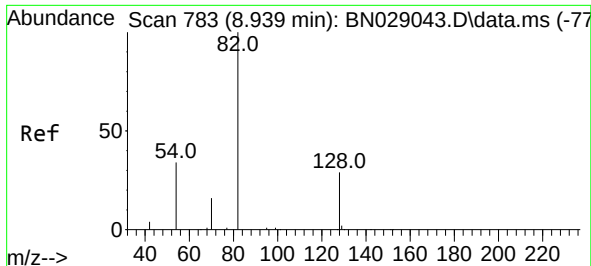
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 797   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.2  | 13.4  | 20.2  |
| 71       | 59.6  | 47.8  | 71.6  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.551 min Scan# 934  
Delta R.T. -0.011 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2466  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.4  | 11.9  | 17.9  |
| 54       | 7.9   | 6.4   | 9.6   |
| 68       | 7.0   | 5.3   | 7.9   |

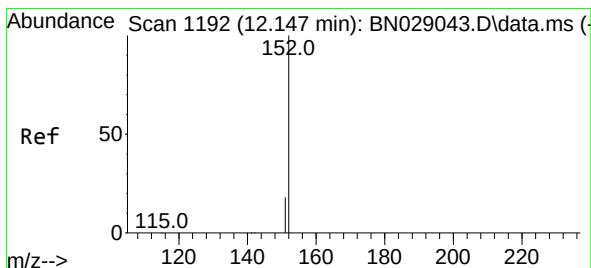
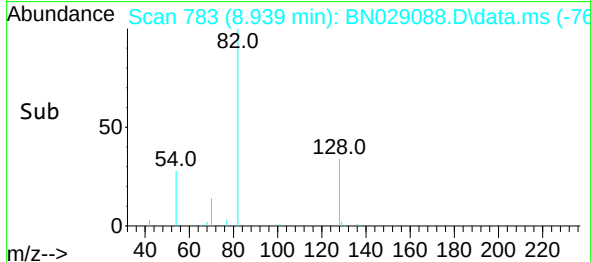
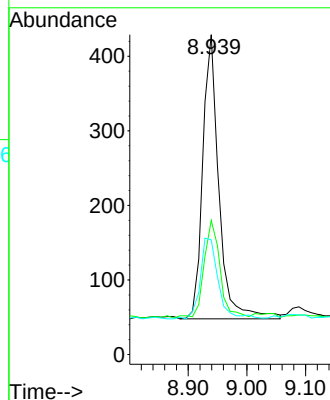
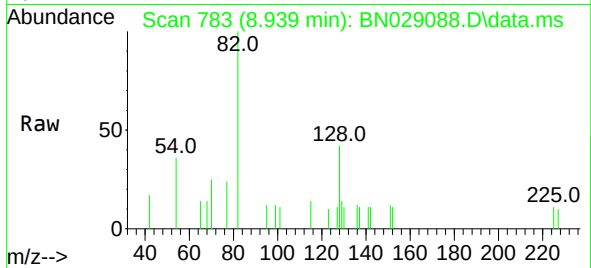




#8  
 Nitrobenzene-d5  
 Concen: 0.246 ng  
 RT: 8.939 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN029088.D  
 Acq: 07 Dec 2023 11:50

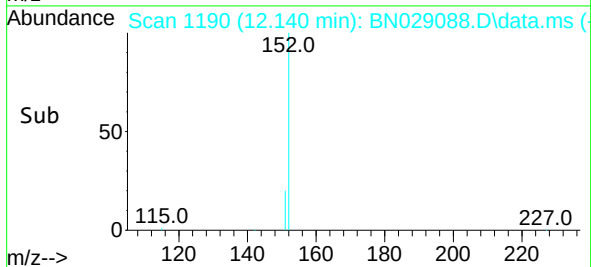
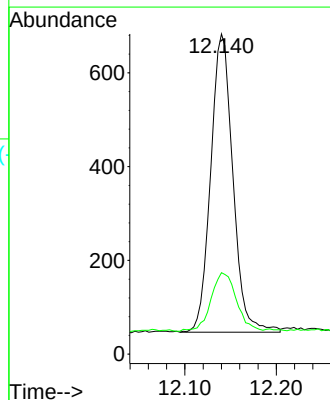
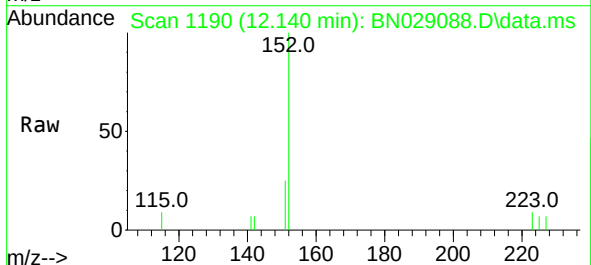
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 ClientSampleId :  
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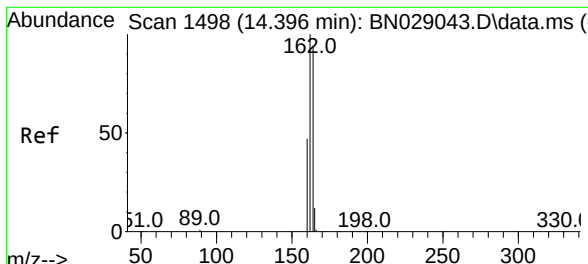
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 732   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.0  | 28.2  | 42.4  |
| 54       | 35.9  | 32.1  | 48.1  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.207 ng  
 RT: 12.140 min Scan# 1190  
 Delta R.T. -0.008 min  
 Lab File: BN029088.D  
 Acq: 07 Dec 2023 11:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 1073  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 22.5  | 17.4  | 26.0  |

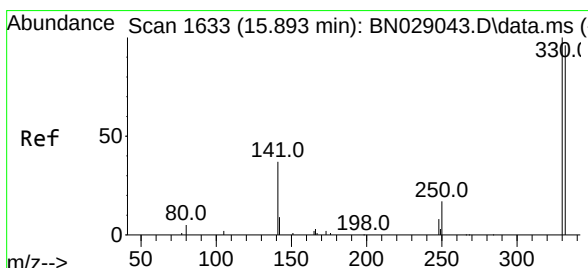
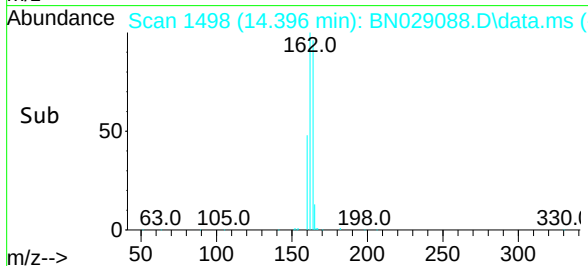
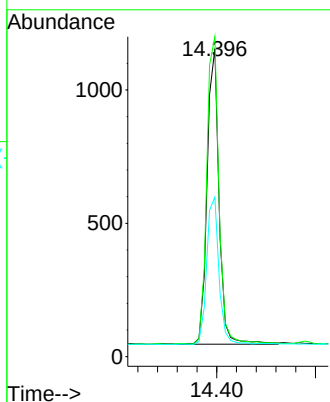
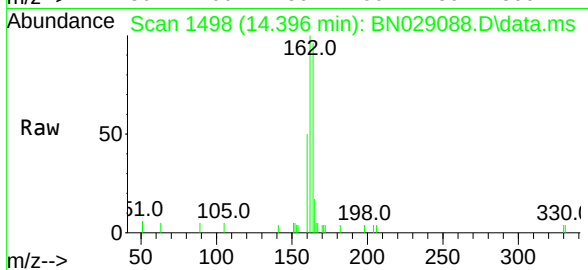




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.396 min Scan# 1498  
 Delta R.T. 0.000 min  
 Lab File: BN029088.D  
 Acq: 07 Dec 2023 11:50

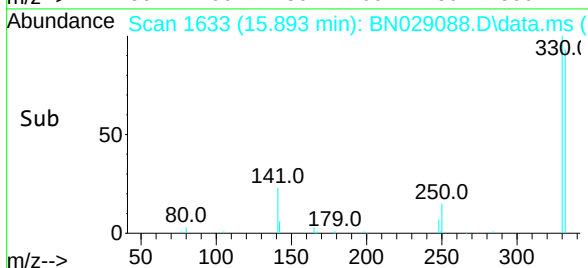
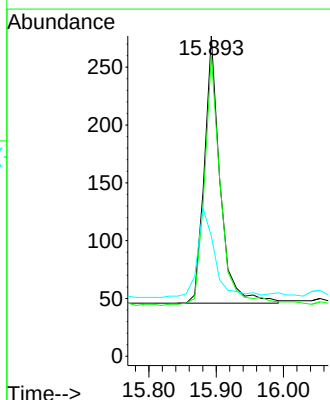
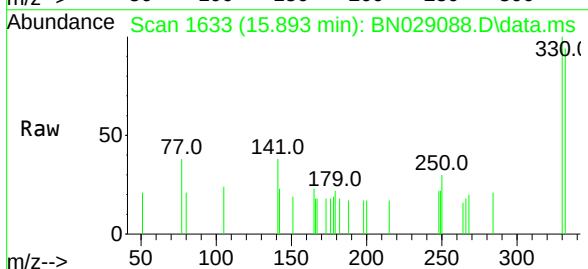
Instrument :  
 BNA\_N  
 ClientSampleId :  
 O-6(15-20)

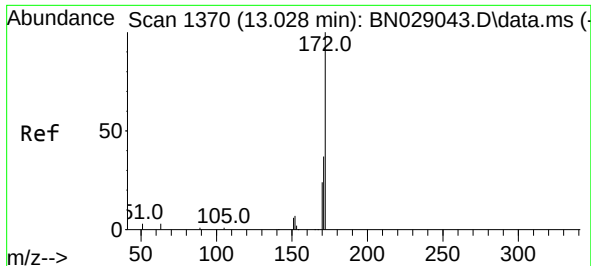
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1860  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 103.9 | 85.0  | 127.6 |
| 160      | 51.8  | 41.3  | 61.9  |



#14  
 2,4,6-Tribromophenol  
 Concen: 0.184 ng  
 RT: 15.893 min Scan# 1633  
 Delta R.T. 0.000 min  
 Lab File: BN029088.D  
 Acq: 07 Dec 2023 11:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 377   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 97.1  | 78.8  | 118.2 |
| 141      | 37.1  | 28.7  | 43.1  |

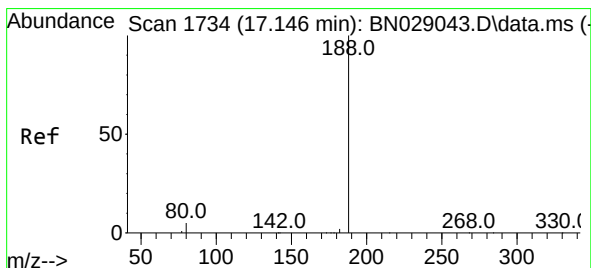
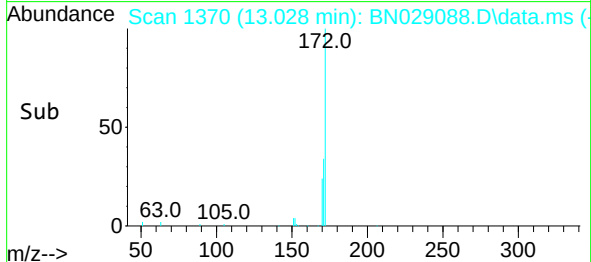
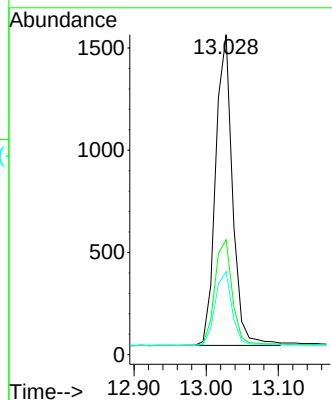
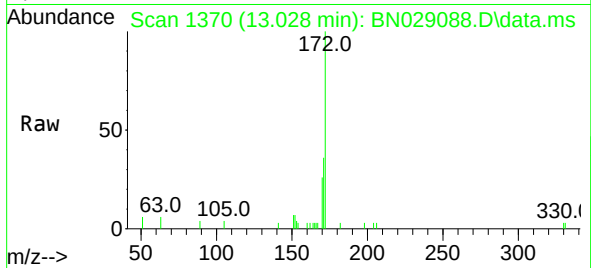




#15  
2-Fluorobiphenyl  
Concen: 0.257 ng  
RT: 13.028 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

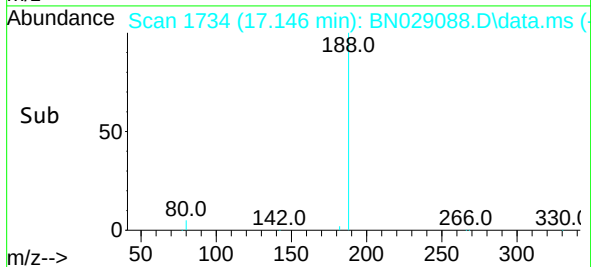
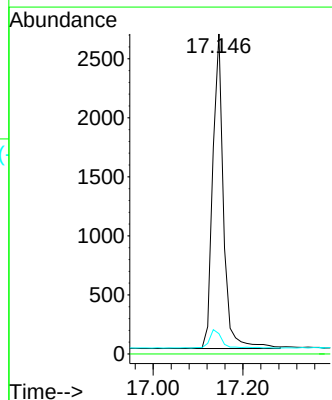
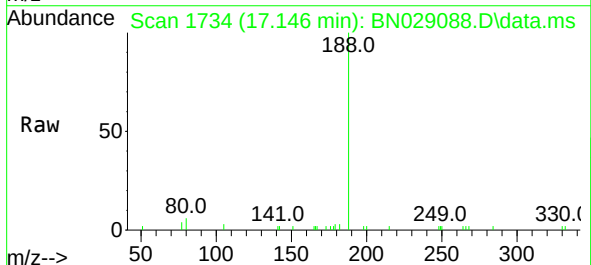
Instrument :  
BNA\_N  
ClientSampleId :  
O-6(15-20)

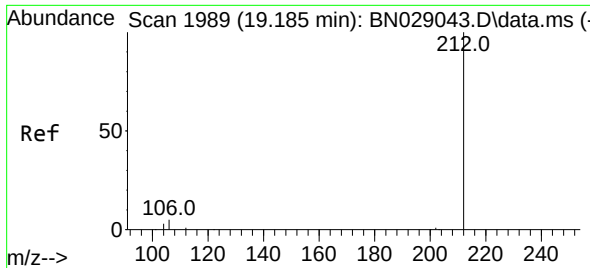
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 2473  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.0  | 30.1  | 45.1  |
| 170      | 26.0  | 20.3  | 30.5  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.146 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 4411  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 6.4   | 5.4   | 8.0   |

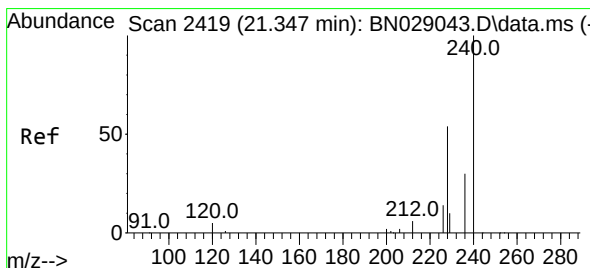
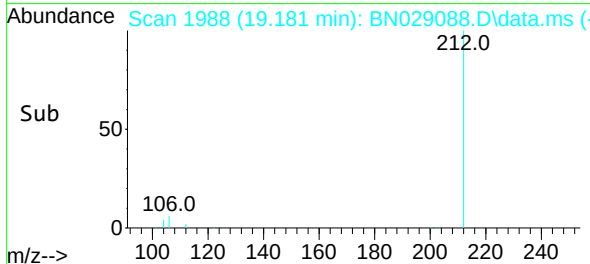
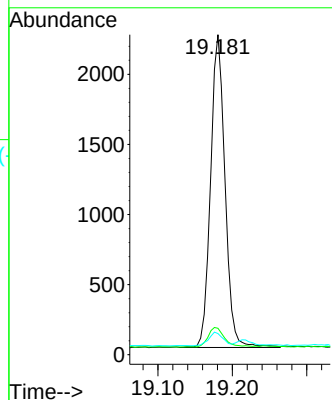
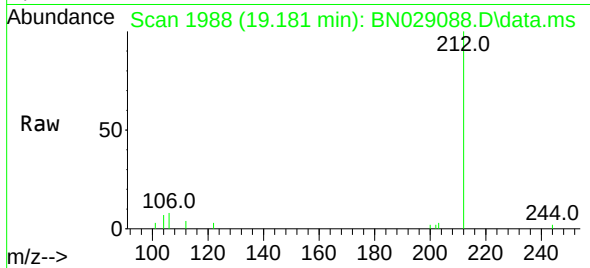




#27  
Fluoranthene-d10  
Concen: 0.217 ng  
RT: 19.181 min Scan# 1988  
Delta R.T. -0.005 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

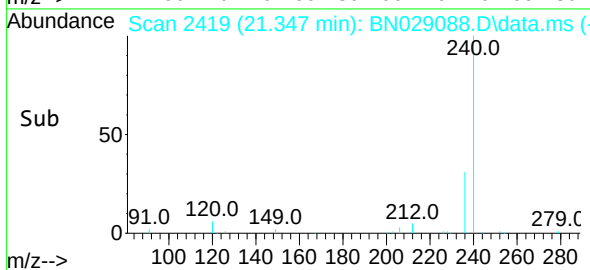
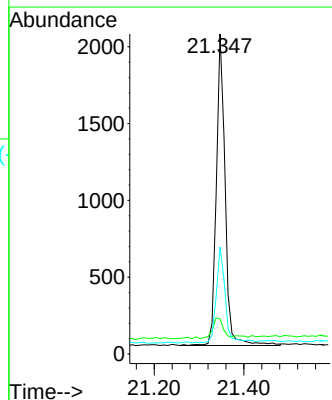
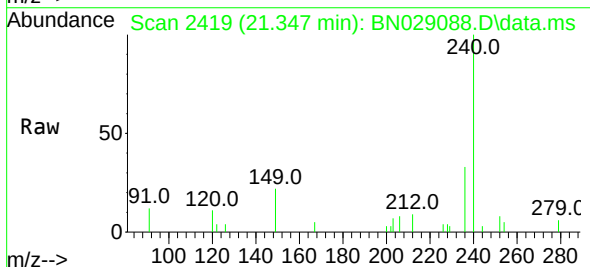
Instrument :  
BNA\_N  
ClientSampleId :  
O-6(15-20)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 7.2   | 3.9   | 5.9#  |
| 104     | 4.2   | 2.6   | 3.8#  |

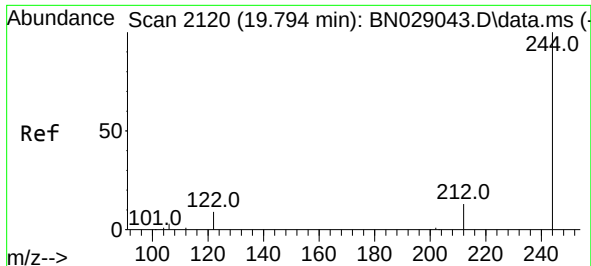


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.347 min Scan# 2419  
Delta R.T. 0.000 min  
Lab File: BN029088.D  
Acq: 07 Dec 2023 11:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.0  | 6.7   | 10.1# |
| 236     | 33.4  | 25.7  | 38.5  |

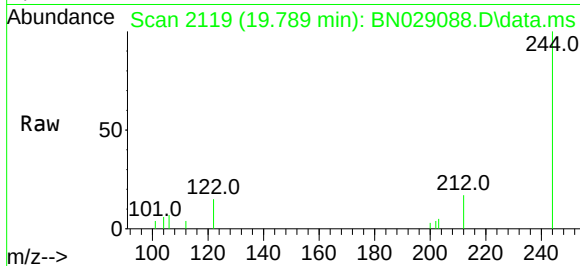






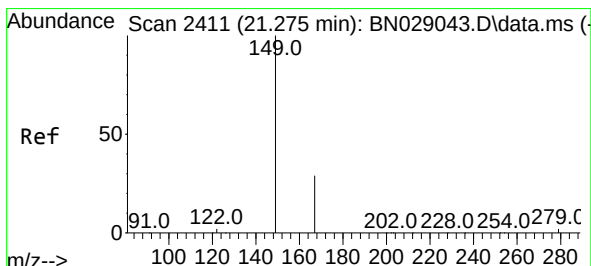
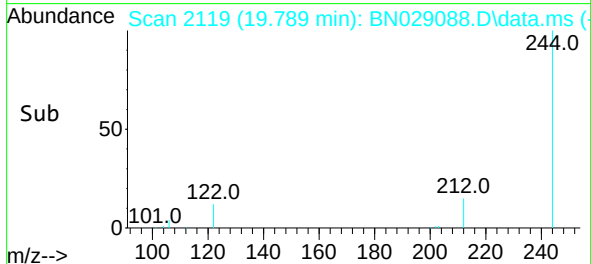
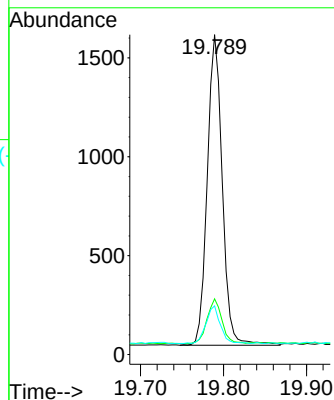
#31  
 Terphenyl-d14  
 Concen: 0.282 ng  
 RT: 19.789 min Scan# 2119  
 Delta R.T. -0.005 min  
 Lab File: BN029088.D  
 Acq: 07 Dec 2023 11:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 O-6(15-20)



Tgt Ion:244 Resp: 1979

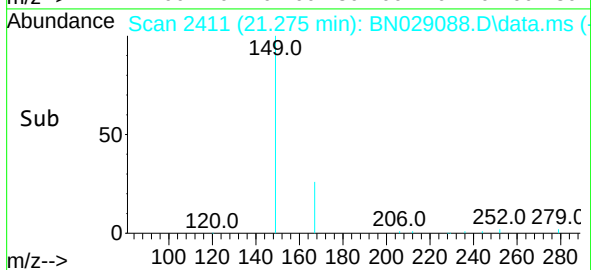
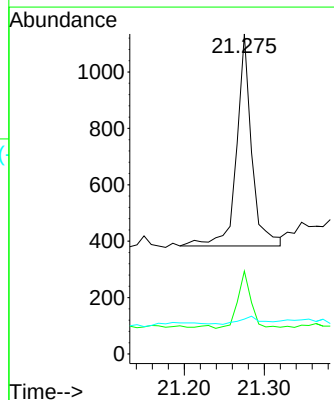
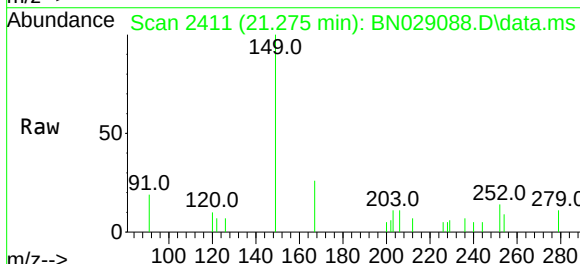
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 17.4  | 11.6  | 17.4# |
| 122 | 15.2  | 8.2   | 12.4# |

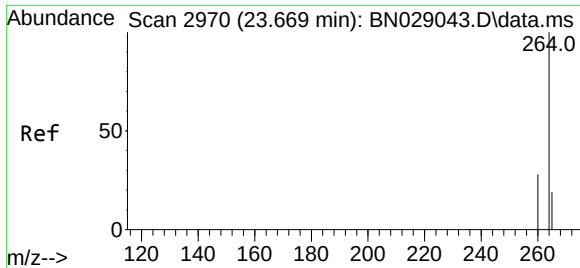


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.114 ng  
 RT: 21.275 min Scan# 2411  
 Delta R.T. 0.000 min  
 Lab File: BN029088.D  
 Acq: 07 Dec 2023 11:50

Tgt Ion:149 Resp: 986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 23.7  | 23.4  | 35.2  |
| 279 | 5.3   | 3.4   | 5.2#  |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.667 min Scan# 2969

Delta R.T. -0.003 min

Lab File: BN029088.D

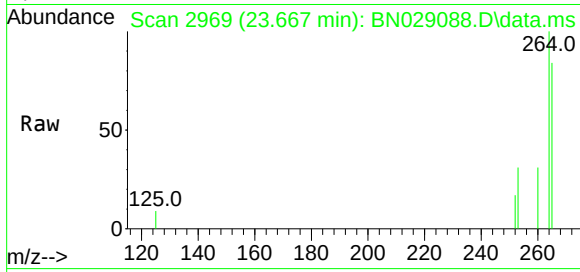
Acq: 07 Dec 2023 11:50

Instrument :

BNA\_N

ClientSampleId :

O-6(15-20)



Tgt Ion:264 Resp: 2728

Ion Ratio Lower Upper

264 100

260 31.2 23.9 35.9

265 84.2 52.7 79.1#

