

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016656.D  
 Acq On : 02 Oct 2021 05:10  
 Operator : CG/JU  
 Sample : M3829-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE125D1-20210917

Quant Time: Oct 02 05:42:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 13:35:26 2021  
 Response via : Initial Calibration

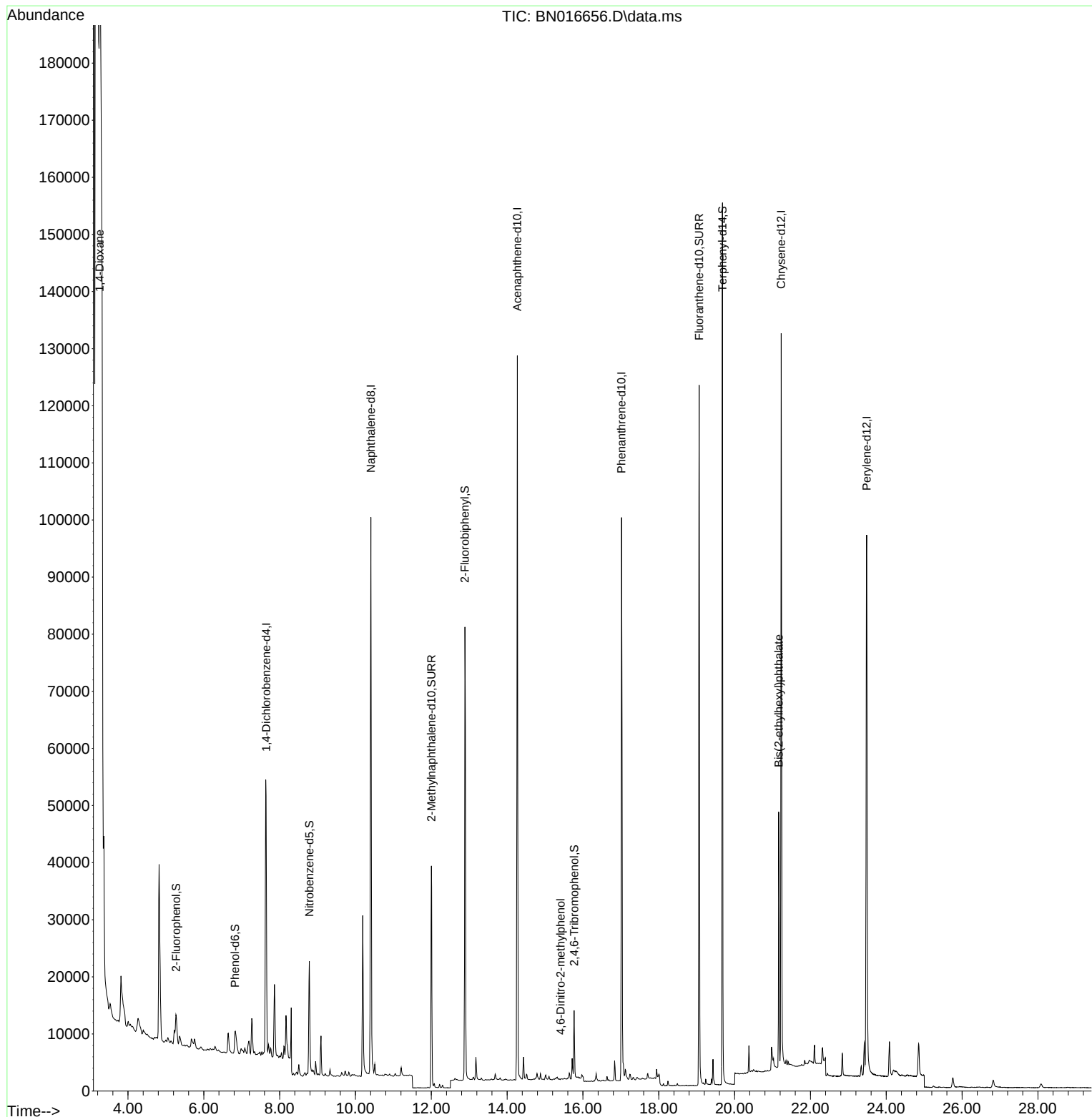
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 28296    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.407 | 136  | 129914   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.269 | 164  | 68992    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.018 | 188  | 132800   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 125332   | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.481 | 264  | 129944   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 7071     | 0.098 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.822  | 99   | 4228     | 0.054 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 19302    | 0.228 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 53154    | 0.277 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 10286    | 0.327 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.886 | 172  | 74327    | 0.266 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.063 | 212  | 139422   | 0.395 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 157780   | 0.579 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.253  | 88   | 70989    | 5.451 | ng    | # 86     |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 10       | 0.137 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 41558    | 0.271 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
Data File : BN016656.D  
Acq On : 02 Oct 2021 05:10  
Operator : CG/JU  
Sample : M3829-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917

Quant Time: Oct 02 05:42:03 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 01 13:35:26 2021  
Response via : Initial Calibration

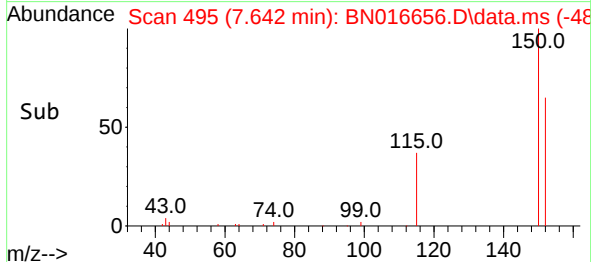
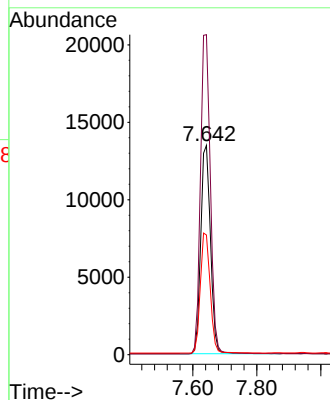
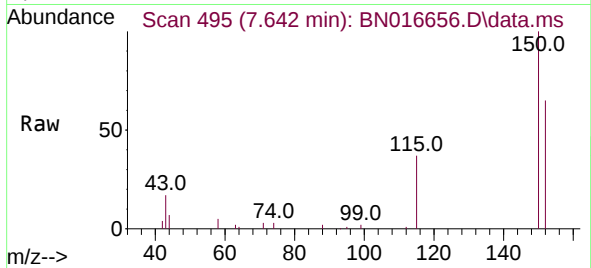




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.642 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: BN016656.D  
 Acq: 02 Oct 2021 05:10

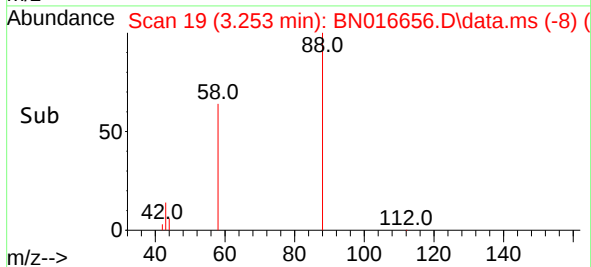
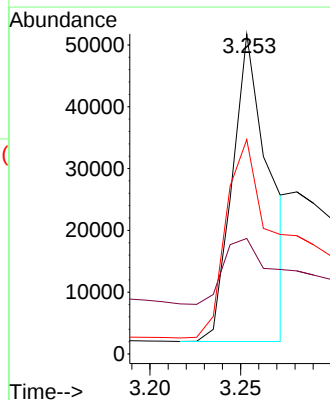
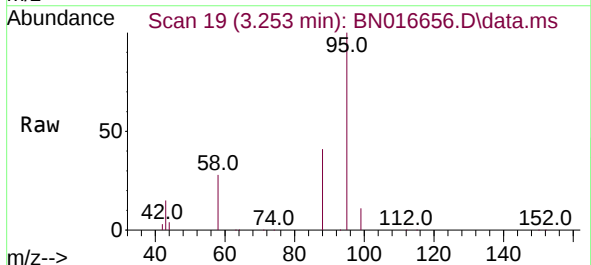
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE125D1-20210917

Tgt Ion:152 Resp: 28296  
 Ion Ratio Lower Upper  
 152 100  
 150 152.9 124.6 186.8  
 115 57.2 46.5 69.7



#2  
 1,4-Dioxane  
 Concen: 5.451 ng  
 RT: 3.253 min Scan# 19  
 Delta R.T. 0.000 min  
 Lab File: BN016656.D  
 Acq: 02 Oct 2021 05:10

Tgt Ion: 88 Resp: 70989  
 Ion Ratio Lower Upper  
 88 100  
 43 26.1 37.8 56.8#  
 58 73.8 61.3 91.9

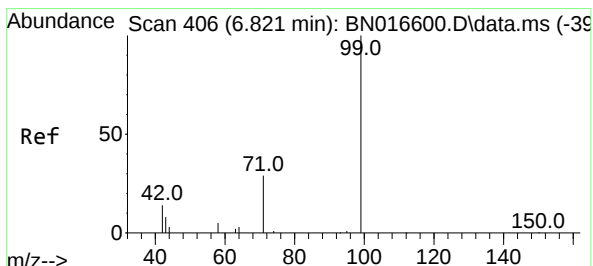
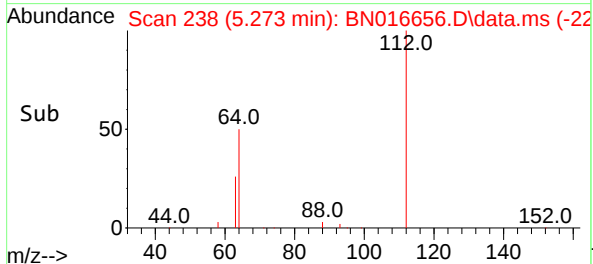
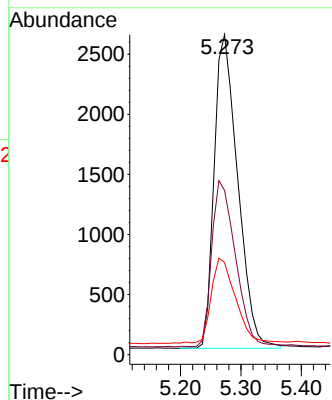
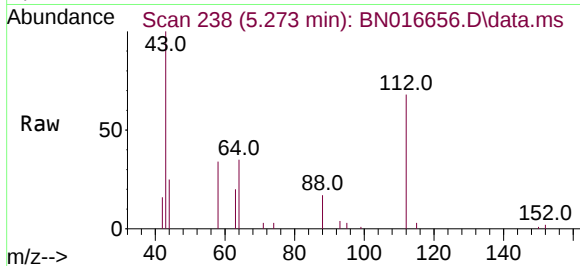




#4  
2-Fluorophenol  
Concen: 0.098 ng  
RT: 5.273 min Scan# 238  
Delta R.T. 0.019 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

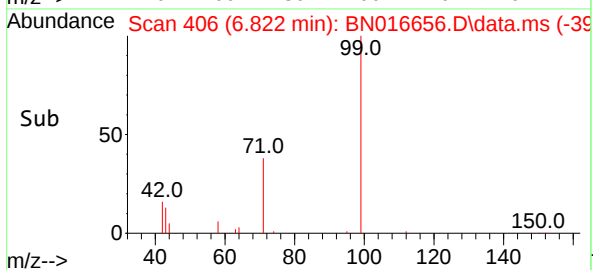
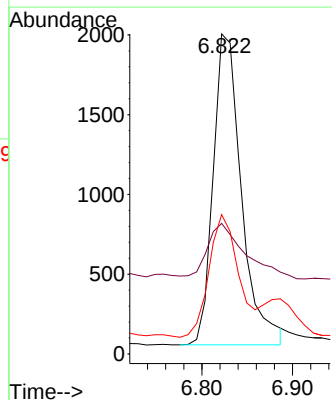
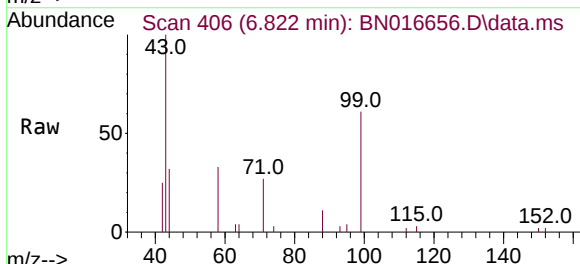
Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 7071  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 53.7  | 43.1  | 64.7  |
| 63       | 28.2  | 21.6  | 32.4  |



#5  
Phenol-d6  
Concen: 0.054 ng  
RT: 6.822 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

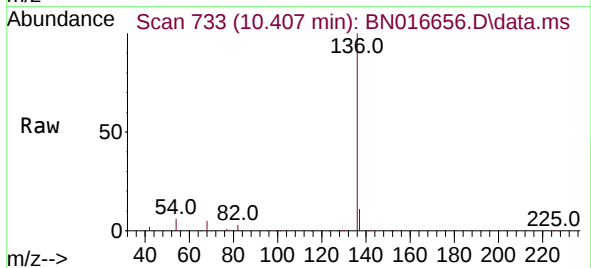
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4228  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.8  | 13.0  | 19.6# |
| 71       | 41.6  | 23.5  | 35.3# |



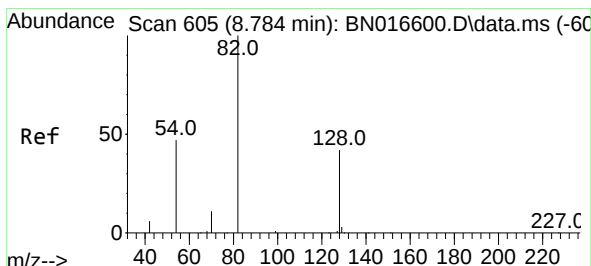
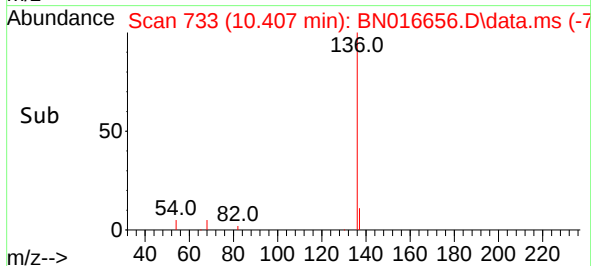
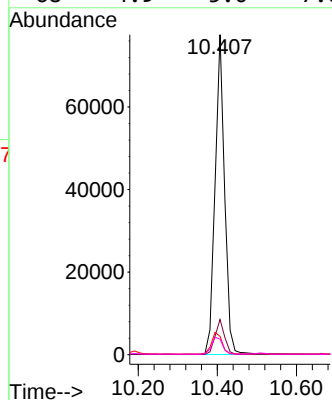


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.407 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917

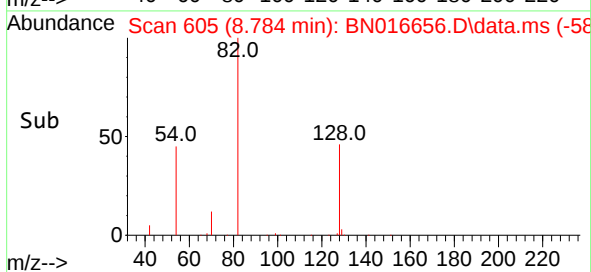
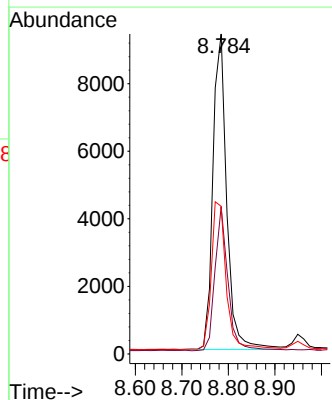
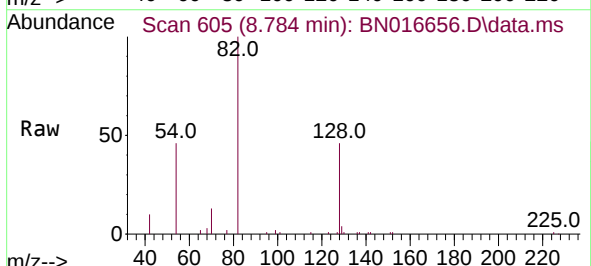


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 129914 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.7   | 13.1   |
| 54       | 5.7   | 5.9   | 8.9#   |
| 68       | 4.9   | 5.0   | 7.6#   |



#8  
Nitrobenzene-d5  
Concen: 0.228 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 19302 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.1  | 33.6  | 50.4  |
| 54       | 46.1  | 37.6  | 56.4  |

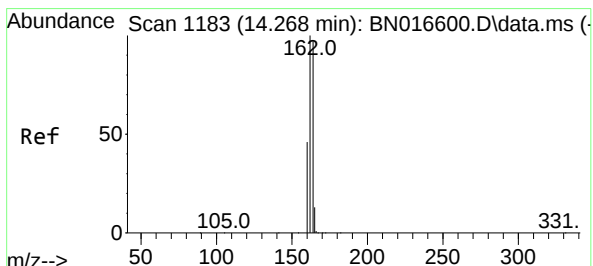
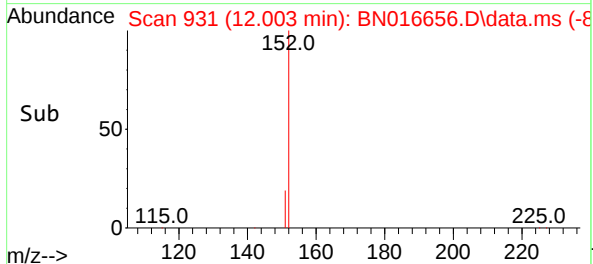
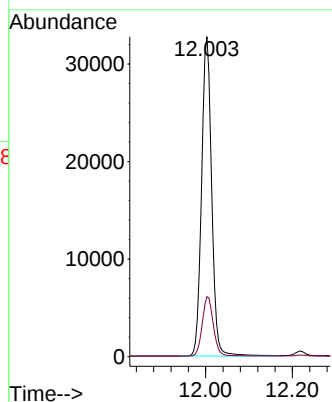
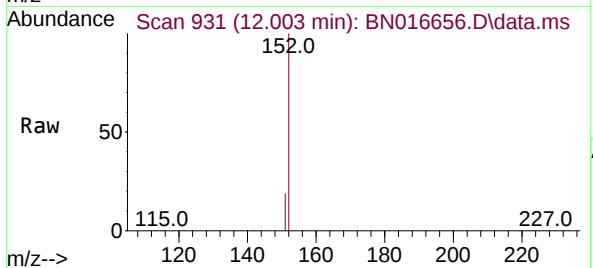




#11  
2-Methylnaphthalene-d10  
Concen: 0.277 ng  
RT: 12.003 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

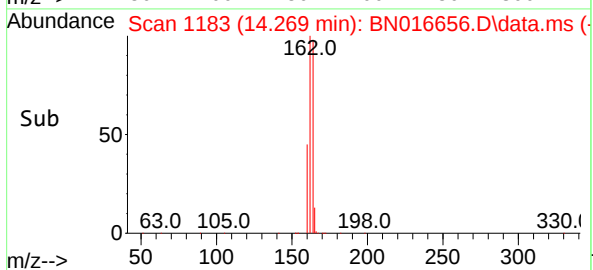
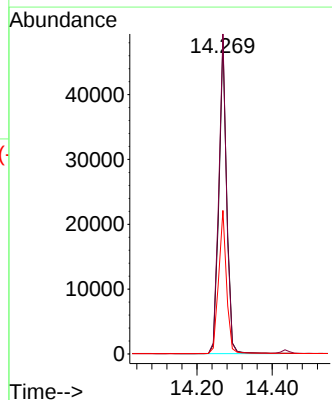
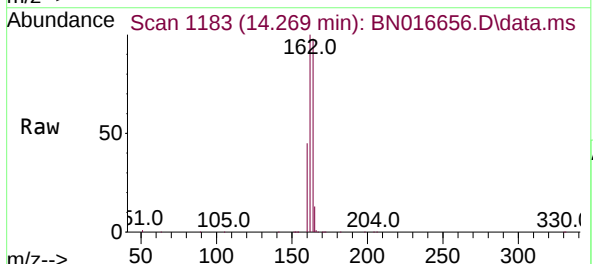
Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917

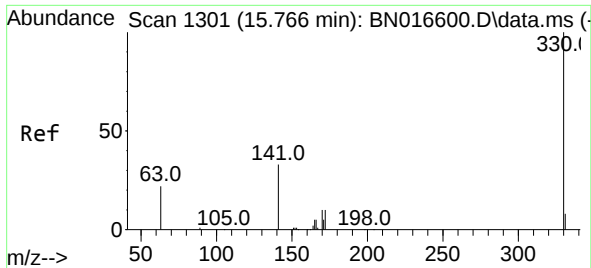
Tgt Ion:152 Resp: 53154  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

Tgt Ion:164 Resp: 68992  
Ion Ratio Lower Upper  
164 100  
162 101.8 82.2 123.2  
160 45.7 37.7 56.5

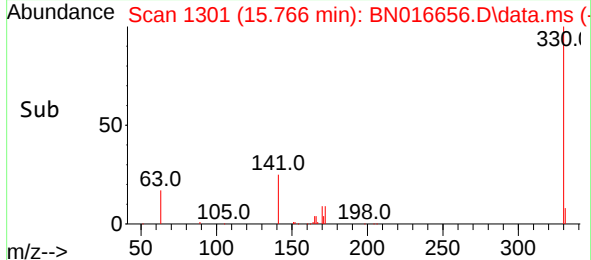
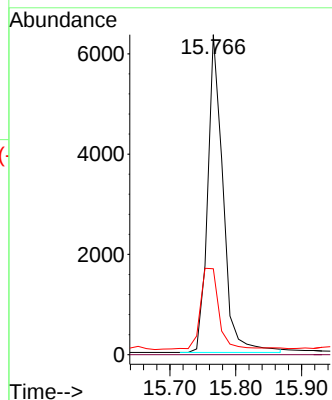
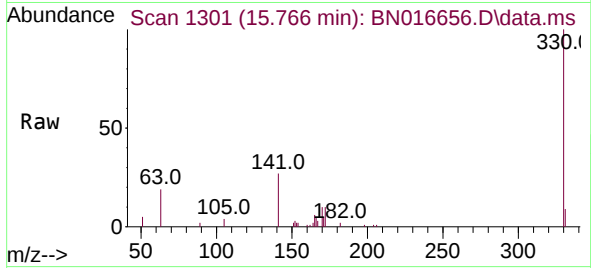




#14  
2,4,6-Tribromophenol  
Concen: 0.327 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

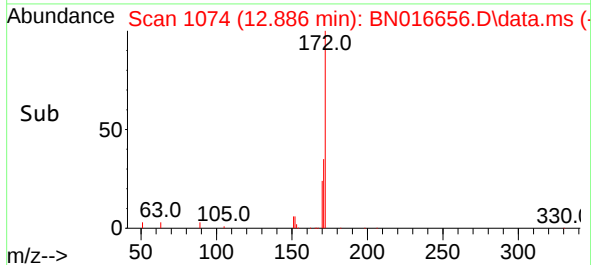
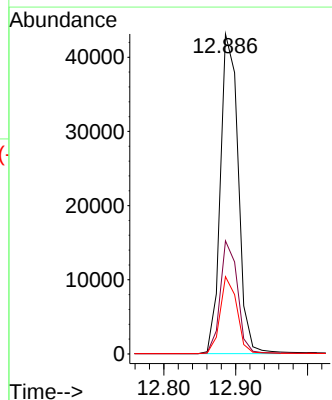
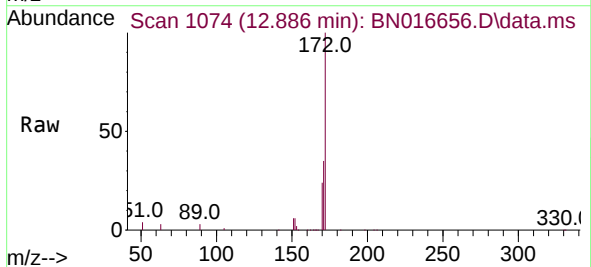
Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917

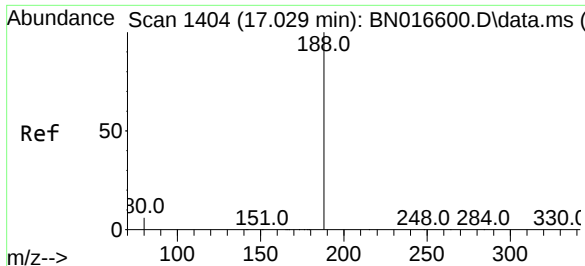
Tgt Ion:330 Resp: 10286  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.7 25.2 37.8



#15  
2-Fluorobiphenyl  
Concen: 0.266 ng  
RT: 12.886 min Scan# 1074  
Delta R.T. -0.012 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

Tgt Ion:172 Resp: 74327  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.0 40.4  
170 24.2 17.4 26.2

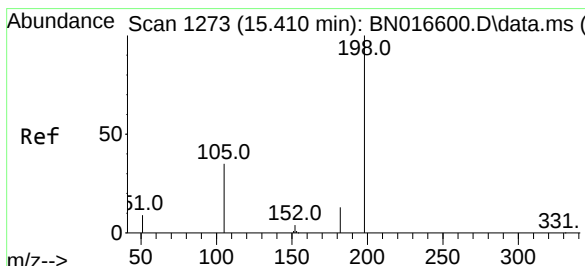
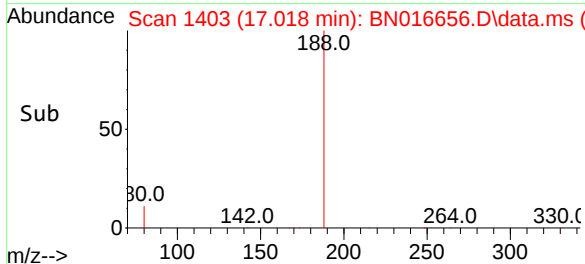
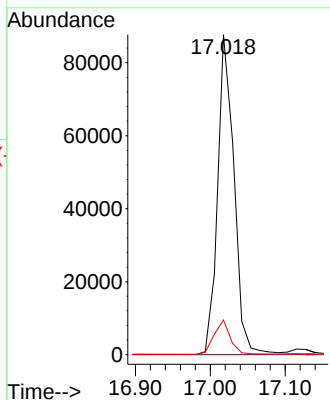
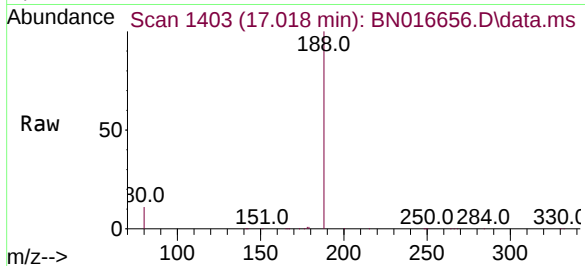




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.018 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

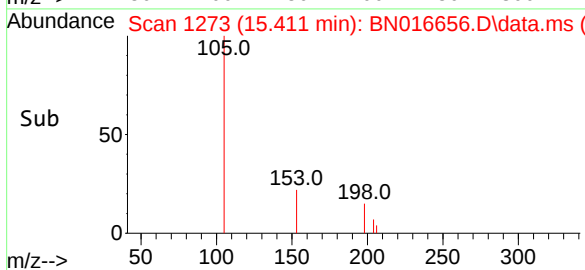
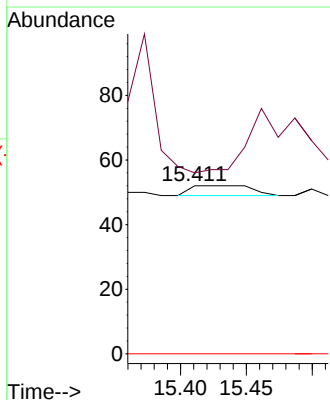
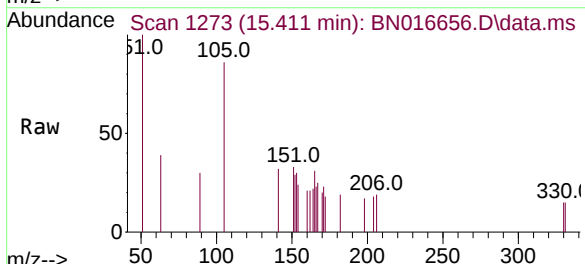
Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917

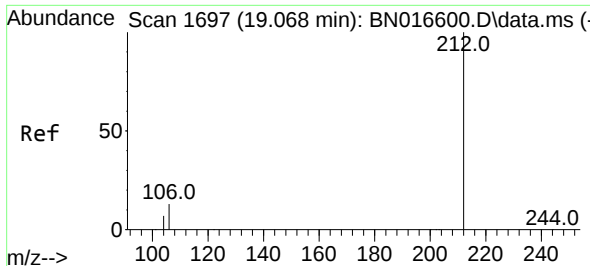
Tgt Ion:188 Resp: 132800  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.8 5.0 7.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.137 ng  
RT: 15.411 min Scan# 1273  
Delta R.T. 0.001 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

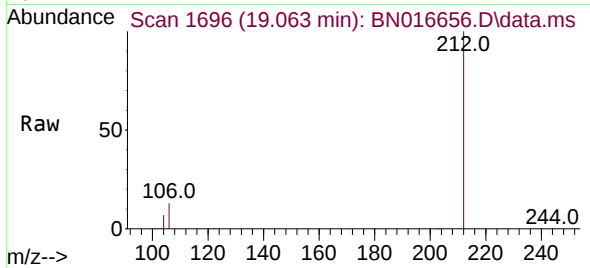
Tgt Ion:198 Resp: 10  
Ion Ratio Lower Upper  
198 100  
182 107.7 11.8 17.8#  
77 0.0 0.0 0.0



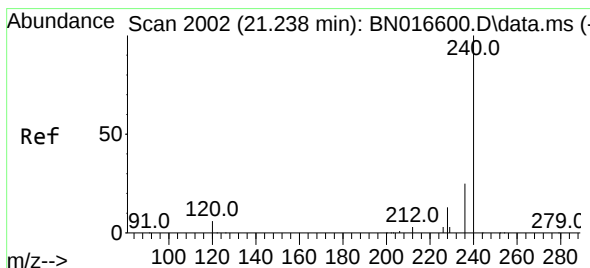
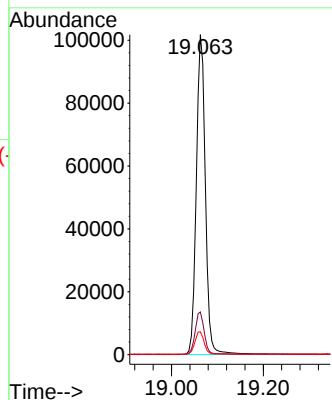
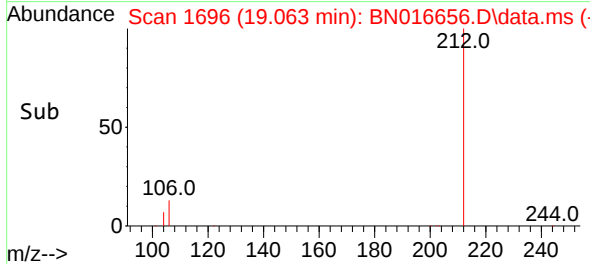


#27  
Fluoranthene-d10  
Concen: 0.395 ng  
RT: 19.063 min Scan# 1696  
Delta R.T. -0.005 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10

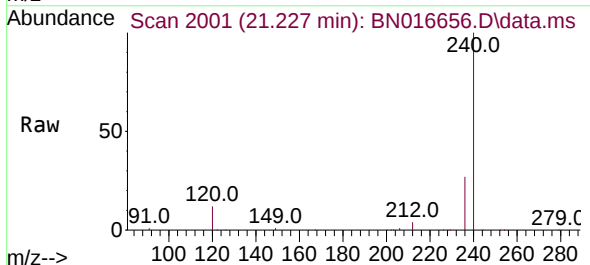
Instrument :  
BNA\_N  
ClientSampleId :  
RE125D1-20210917



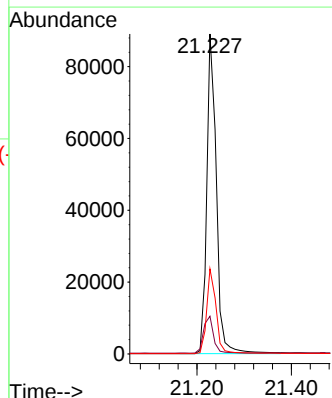
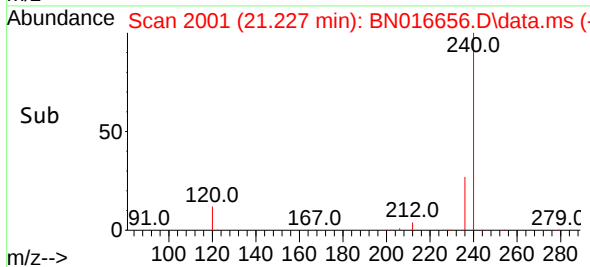
Tgt Ion:212 Resp: 139422  
Ion Ratio Lower Upper  
212 100  
106 13.4 10.6 16.0  
104 7.1 5.9 8.9

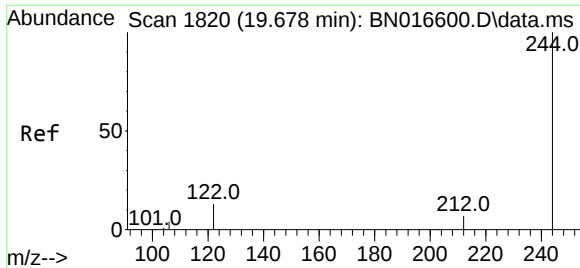


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.010 min  
Lab File: BN016656.D  
Acq: 02 Oct 2021 05:10



Tgt Ion:240 Resp: 125332  
Ion Ratio Lower Upper  
240 100  
120 11.8 5.0 7.4#  
236 26.6 20.4 30.6

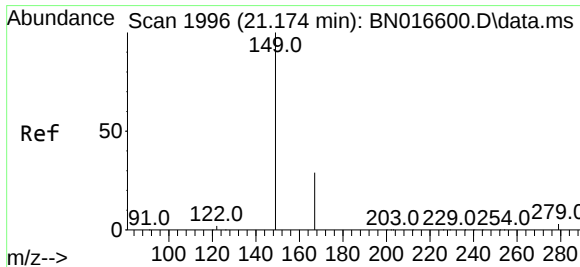
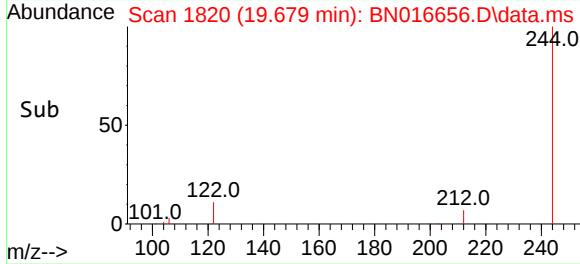
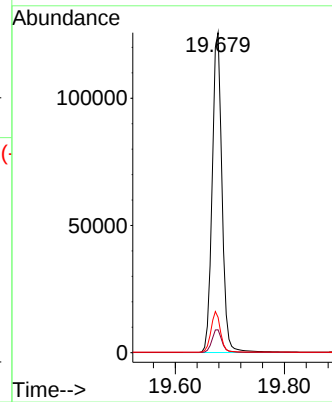
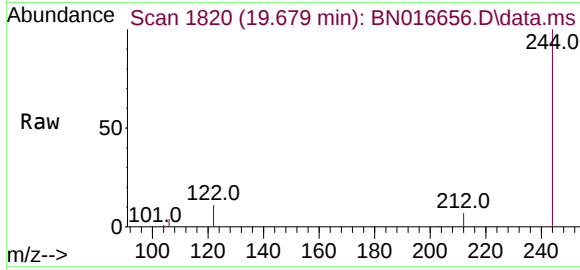




#31  
 Terphenyl-d14  
 Concen: 0.579 ng  
 RT: 19.679 min Scan# 1820  
 Delta R.T. 0.000 min  
 Lab File: BN016656.D  
 Acq: 02 Oct 2021 05:10

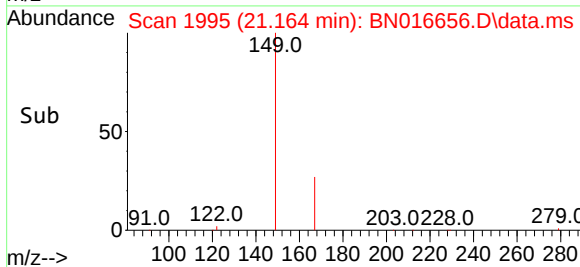
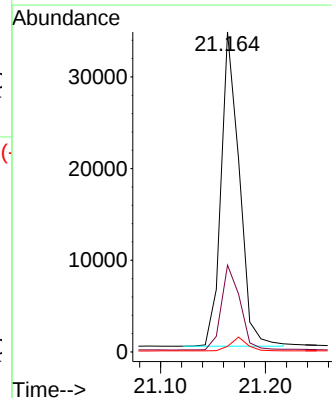
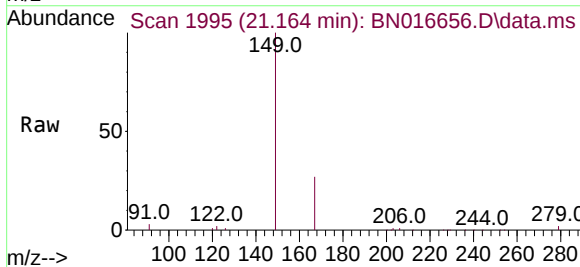
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE125D1-20210917

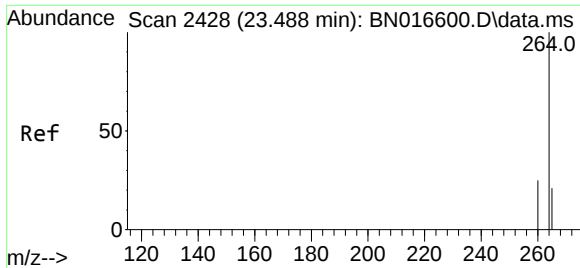
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 157780    |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 7.2   | 6.0 9.0   |
| 122         | 11.1  | 10.1 15.1 |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.271 ng  
 RT: 21.164 min Scan# 1995  
 Delta R.T. -0.010 min  
 Lab File: BN016656.D  
 Acq: 02 Oct 2021 05:10

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 41558     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 27.8  | 22.2 33.4 |
| 279         | 4.1   | 3.2 4.8   |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.481 min Scan# 2426  
 Delta R.T. -0.007 min  
 Lab File: BN016656.D  
 Acq: 02 Oct 2021 05:10

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE125D1-20210917

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 129944 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.5  | 19.9  | 29.9   |
| 265      | 22.9  | 19.2  | 28.8   |

