

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092121\  
 Data File : BN016397.D  
 Acq On : 22 Sep 2021 05:25  
 Operator : CG/JU  
 Sample : M3781-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D2-20210916

Quant Time: Sep 22 05:55:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 13:21:55 2021  
 Response via : Initial Calibration

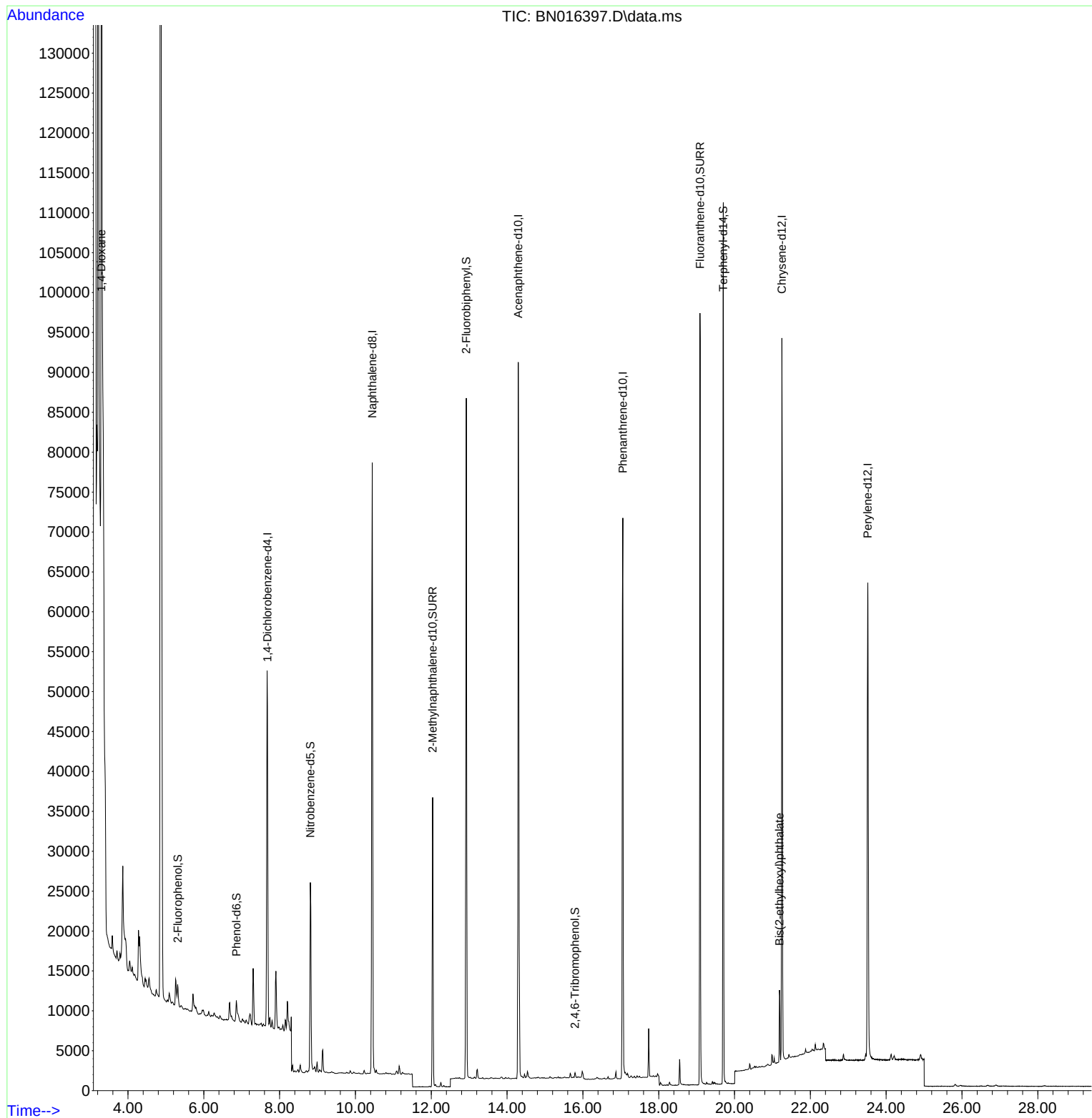
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.679  | 152  | 23287    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.445 | 136  | 102938   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.294 | 164  | 53499    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.054 | 188  | 103844   | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.248 | 240  | 89994    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.515 | 264  | 80466    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.319  | 112  | 2555     | 0.044 | ng    | 0.04     |
| 5) Phenol-d6                  | 6.858  | 99   | 2057     | 0.029 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 19933    | 0.326 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.038 | 152  | 48646    | 0.300 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 456      | 0.029 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 70259    | 0.336 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.088 | 212  | 111420   | 0.371 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.703 | 244  | 112658   | 0.540 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 87862    | 9.073 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 9559     | 0.061 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

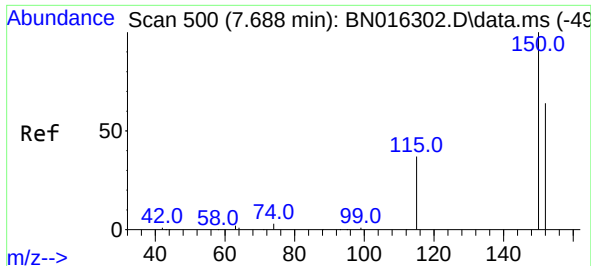
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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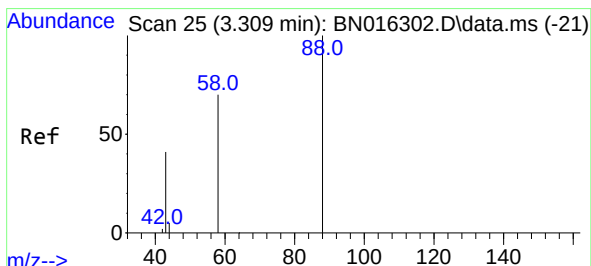
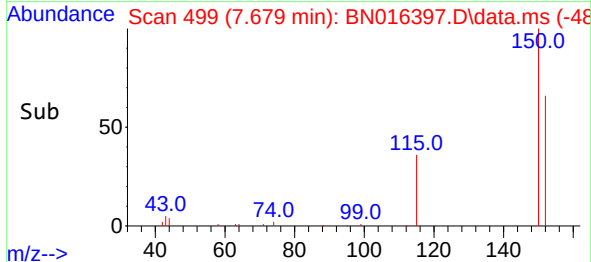
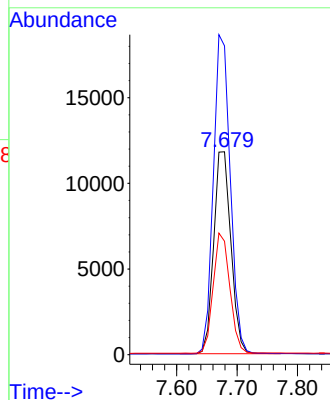
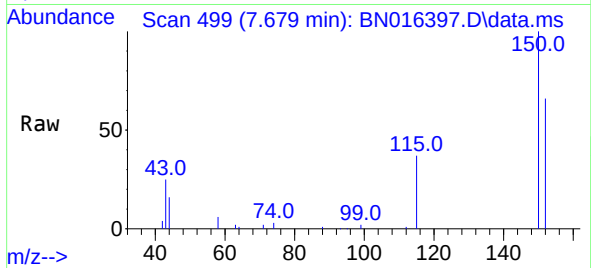




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.679 min Scan# 499  
Delta R.T. 0.009 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

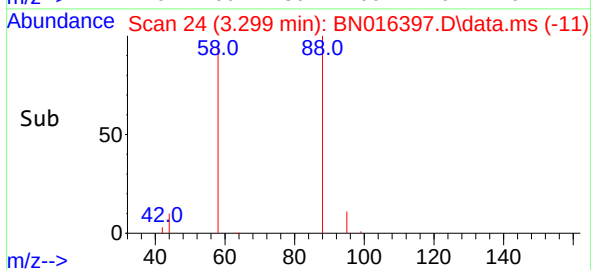
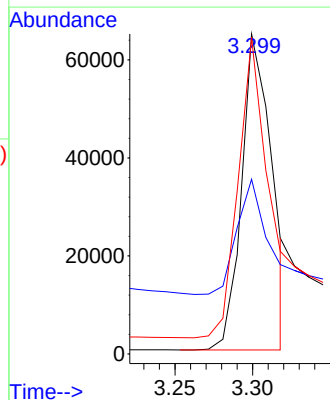
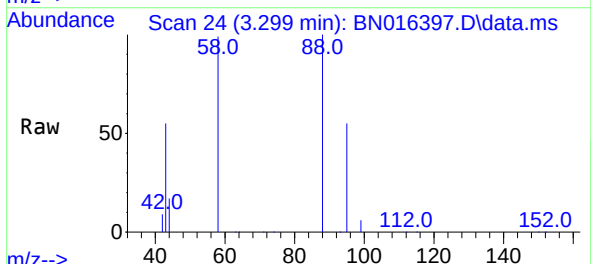
Instrument :  
BNA\_N  
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RE134D2-20210916

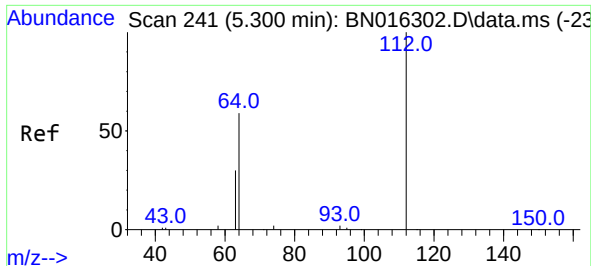
Tgt Ion:152 Resp: 23287  
Ion Ratio Lower Upper  
152 100  
150 152.2 125.6 188.4  
115 55.9 50.2 75.2



#2  
1,4-Dioxane  
Concen: 9.073 ng  
RT: 3.299 min Scan# 24  
Delta R.T. 0.019 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion: 88 Resp: 87862  
Ion Ratio Lower Upper  
88 100  
43 35.6 20.3 30.5#  
58 92.6 69.9 104.9

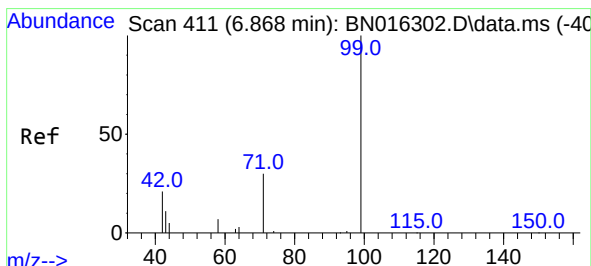
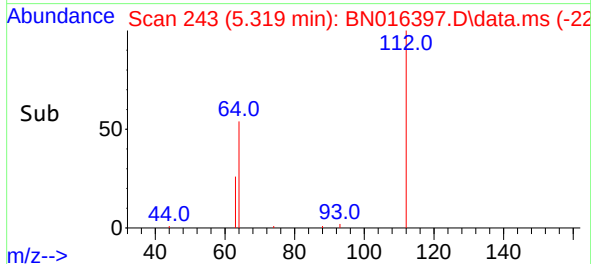
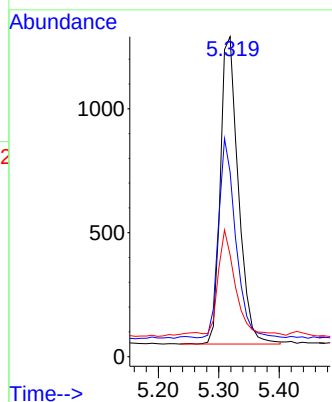
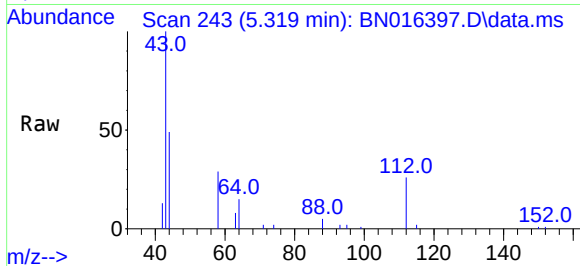




#4  
2-Fluorophenol  
Concen: 0.044 ng  
RT: 5.319 min Scan# 243  
Delta R.T. 0.037 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

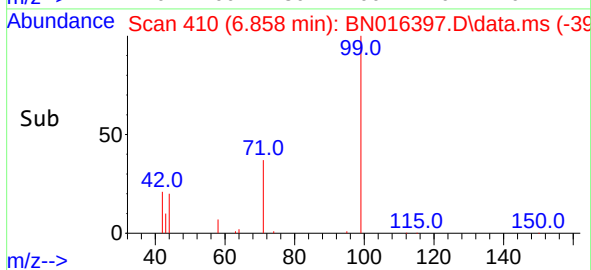
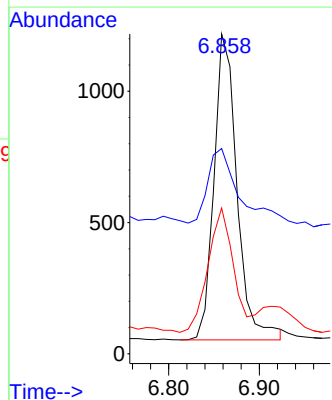
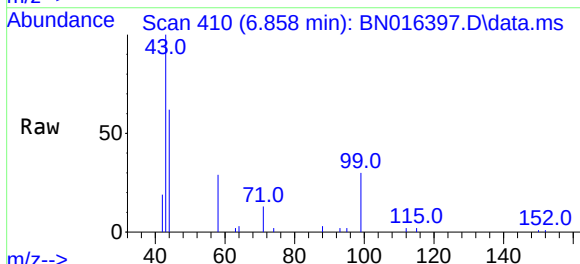
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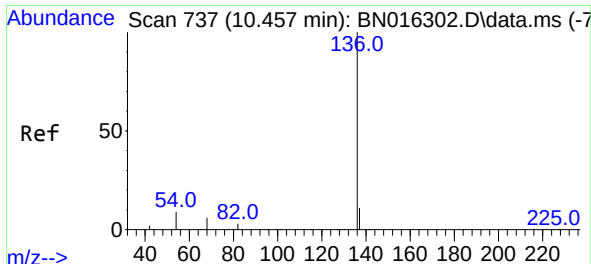
Tgt Ion:112 Resp: 2555  
Ion Ratio Lower Upper  
112 100  
64 62.2 47.3 70.9  
63 31.4 23.4 35.0



#5  
Phenol-d6  
Concen: 0.029 ng  
RT: 6.858 min Scan# 410  
Delta R.T. 0.009 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion: 99 Resp: 2057  
Ion Ratio Lower Upper  
99 100  
42 32.2 14.0 21.0#  
71 46.1 23.8 35.6#

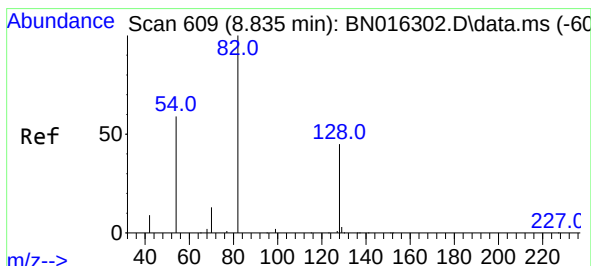
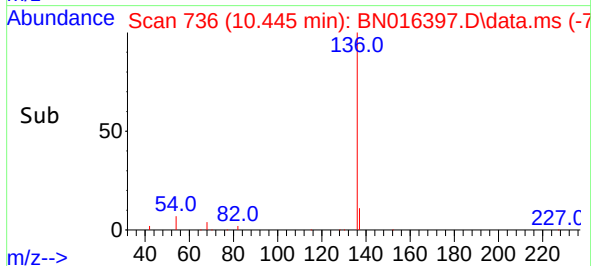
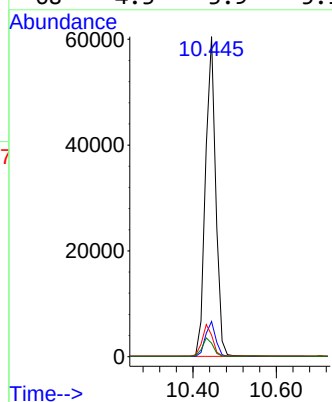
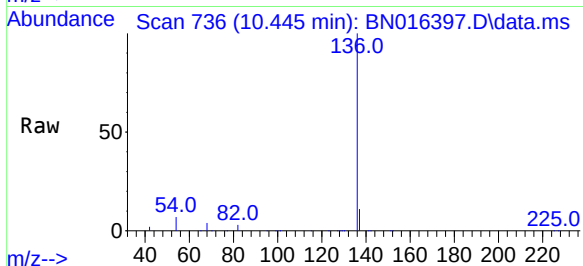




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.445 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

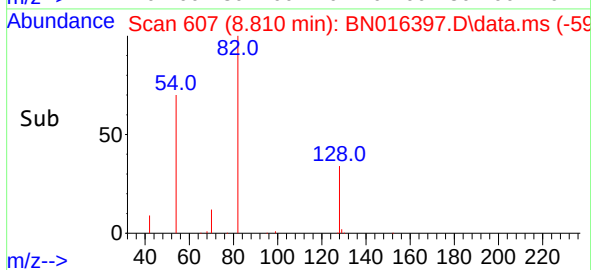
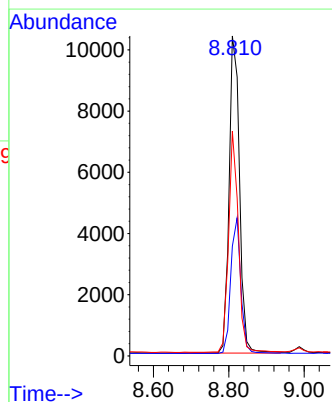
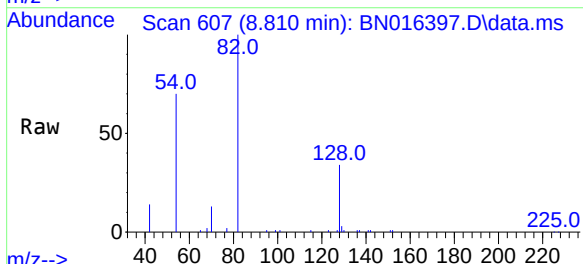
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20210916

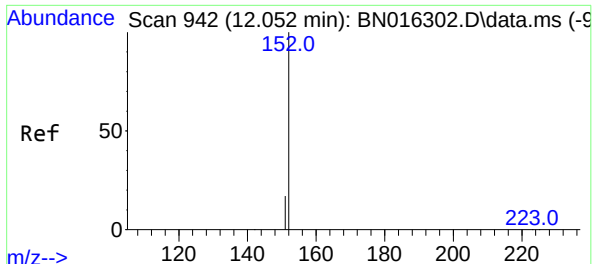
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 102938 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 6.8   | 5.3   | 7.9    |
| 68       | 4.3   | 3.9   | 5.9    |



#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 19933 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.3  | 31.7  | 47.5  |
| 54       | 70.2  | 46.4  | 69.6  |

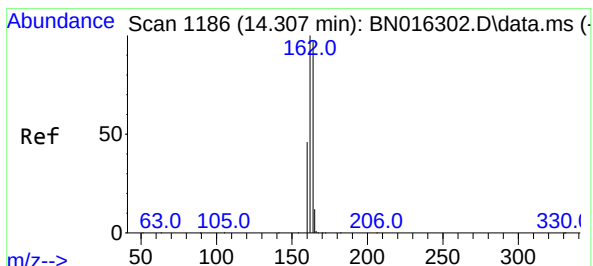
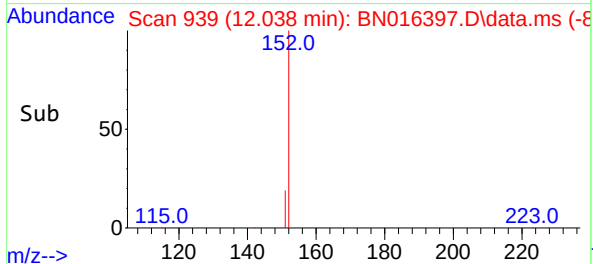
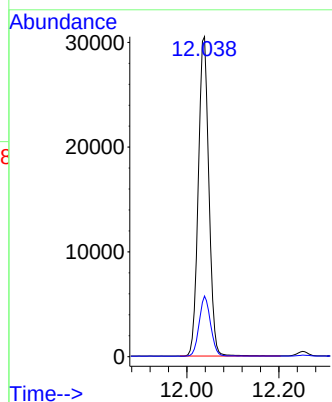
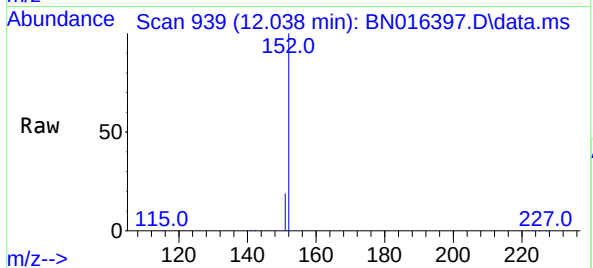




#11  
2-Methylnaphthalene-d10  
Concen: 0.300 ng  
RT: 12.038 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

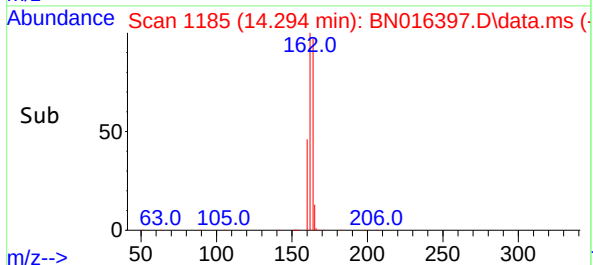
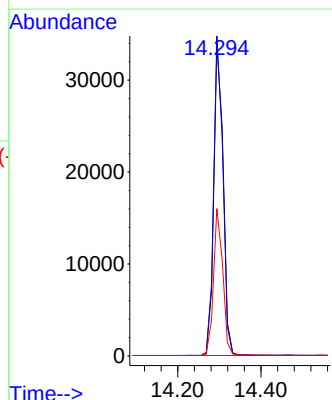
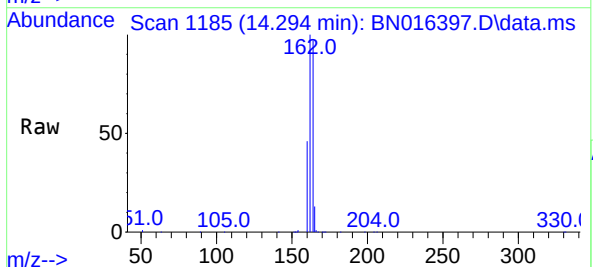
Instrument :  
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RE134D2-20210916

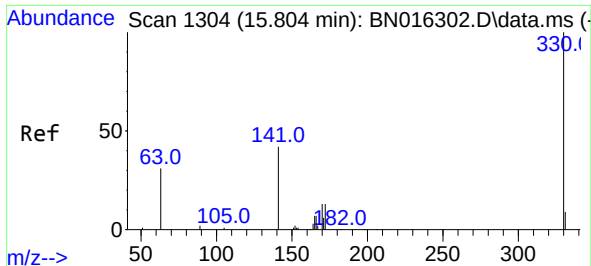
Tgt Ion:152 Resp: 48646  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. -0.012 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion:164 Resp: 53499  
Ion Ratio Lower Upper  
164 100  
162 102.7 79.0 118.4  
160 47.3 34.1 51.1

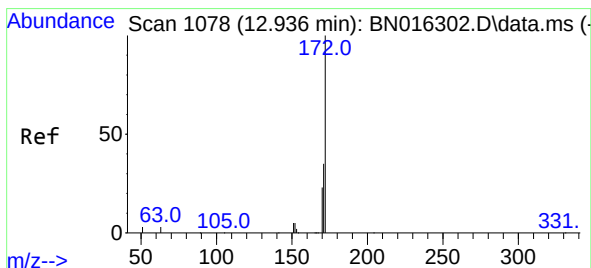
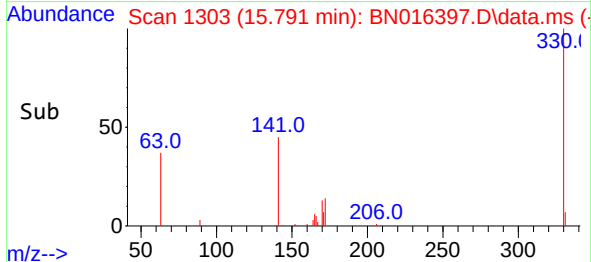
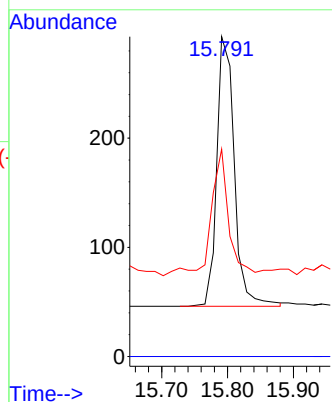
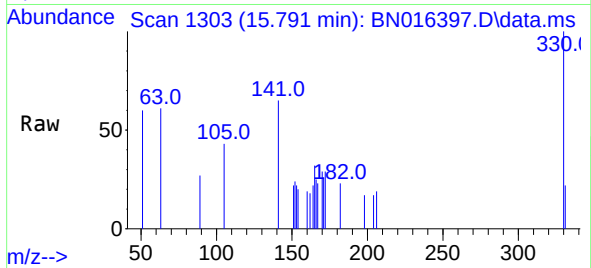




#14  
2,4,6-Tribromophenol  
Concen: 0.029 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

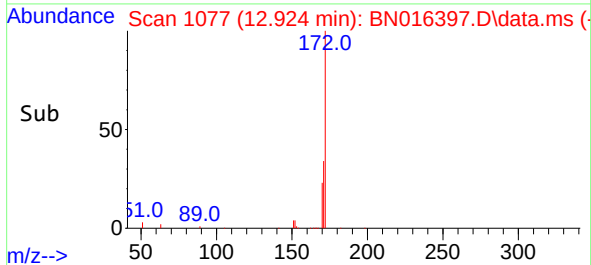
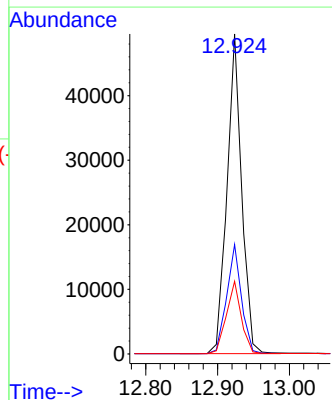
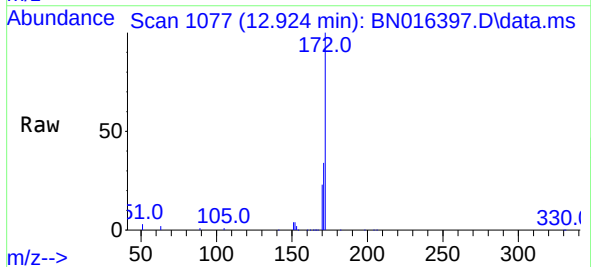
Instrument :  
BNA\_N  
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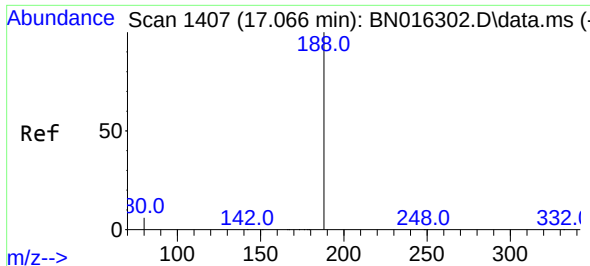
Tgt Ion:330 Resp: 456  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 47.1 25.0 37.4#



#15  
2-Fluorobiphenyl  
Concen: 0.336 ng  
RT: 12.924 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion:172 Resp: 70259  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.8 41.6  
170 22.7 18.2 27.2

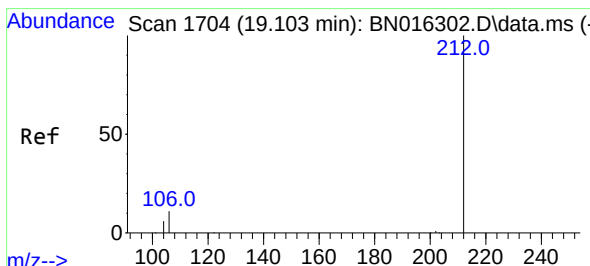
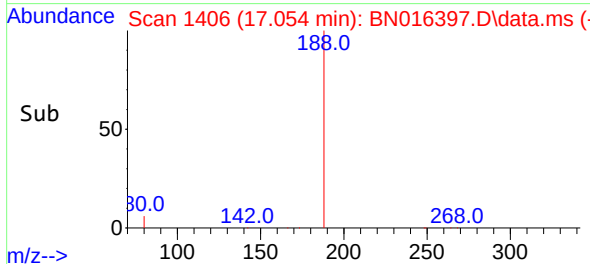
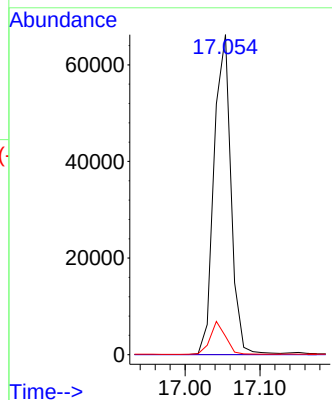
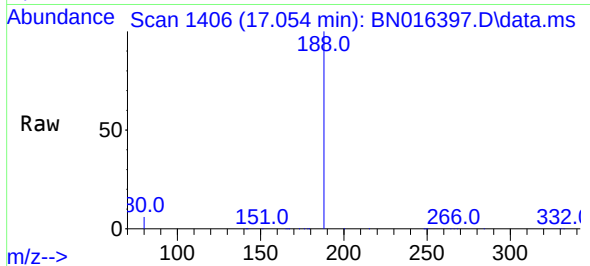




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.054 min Scan# 1406  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

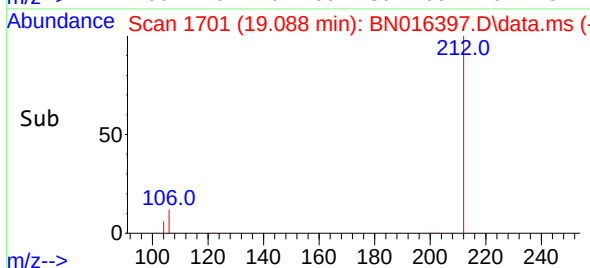
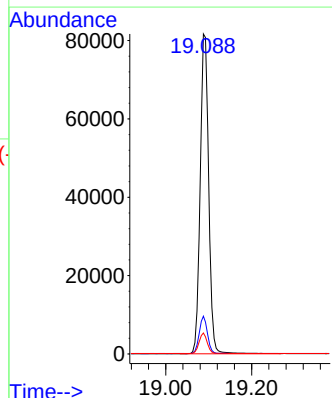
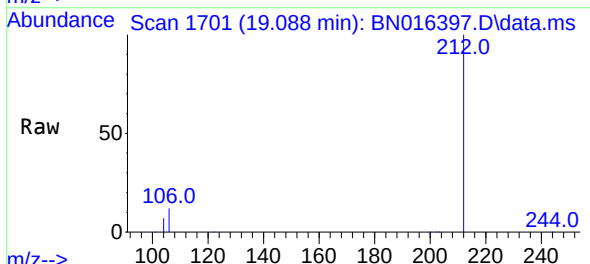
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Tgt Ion:188 Resp: 103844  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 5.8 7.0 10.6#

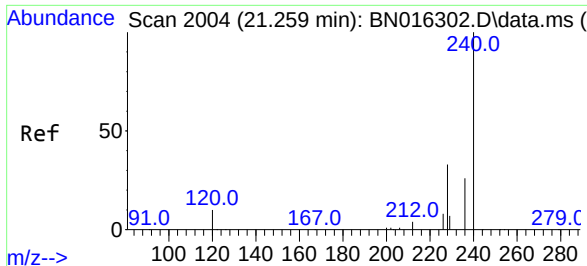


#27  
Fluoranthene-d10  
Concen: 0.371 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion:212 Resp: 111420  
Ion Ratio Lower Upper  
212 100  
106 11.4 9.8 14.6  
104 6.2 5.4 8.2



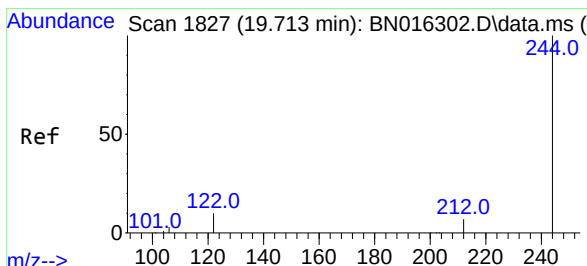
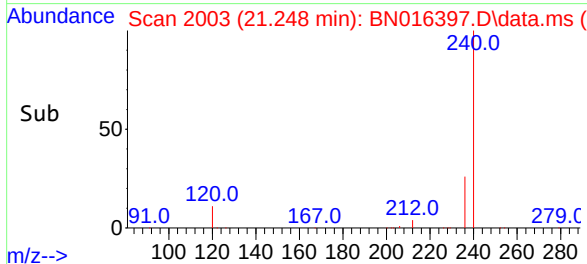
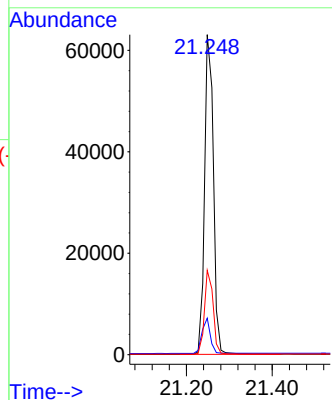
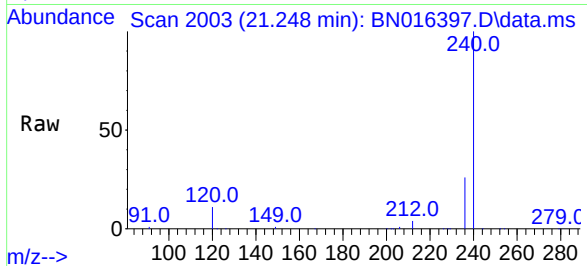




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.248 min Scan# 2003  
Delta R.T. -0.010 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

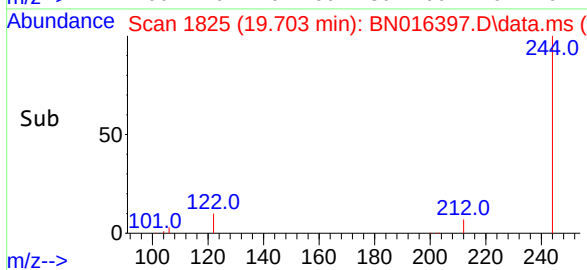
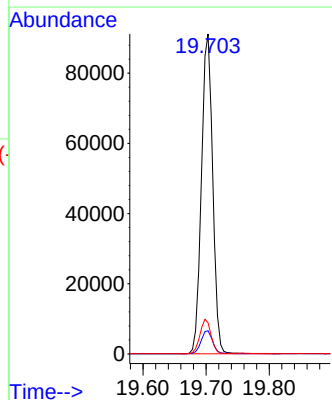
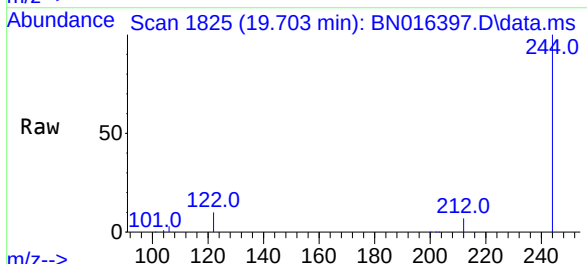
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20210916

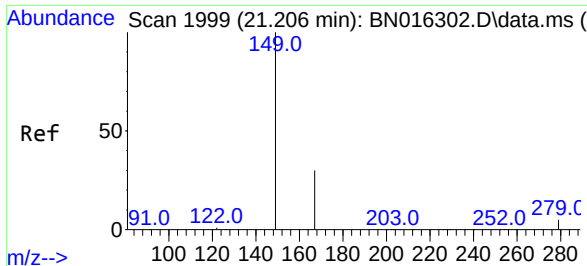
Tgt Ion:240 Resp: 89994  
Ion Ratio Lower Upper  
240 100  
120 11.4 5.3 7.9#  
236 26.4 19.8 29.8



#31  
Terphenyl-d14  
Concen: 0.540 ng  
RT: 19.703 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion:244 Resp: 112658  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.5 8.3  
122 9.7 9.0 13.4



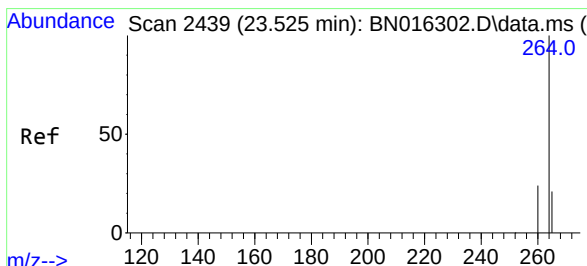
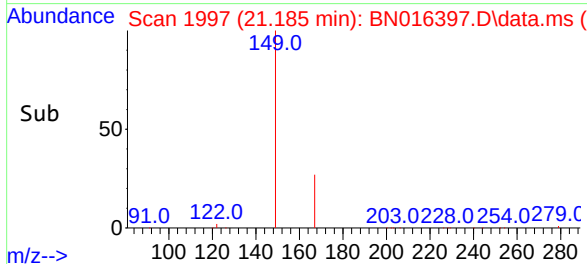
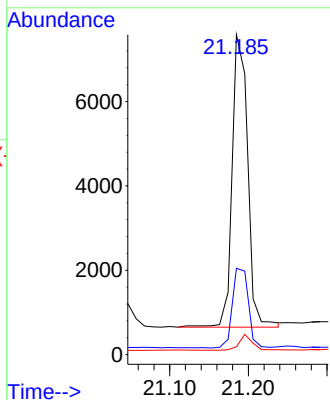
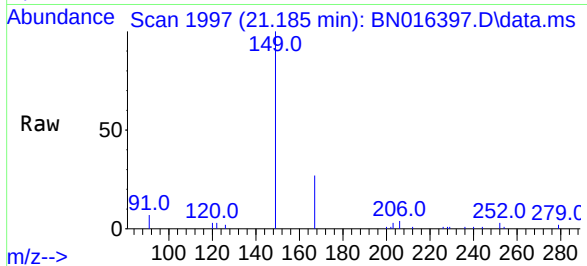


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.061 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.010 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20210916

Tgt Ion:149 Resp: 9559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.9  | 23.4  | 35.0  |
| 279 | 4.4   | 3.9   | 5.9   |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.515 min Scan# 2436  
Delta R.T. -0.007 min  
Lab File: BN016397.D  
Acq: 22 Sep 2021 05:25

Tgt Ion:264 Resp: 80466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.9  | 28.3  |
| 265 | 26.7  | 23.7  | 35.5  |

