

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
 Data File : BN014084.D  
 Acq On : 24 Mar 2021 23:23  
 Operator : CG/JU  
 Sample : M1787-16  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE-126D3-20210319

Quant Time: Mar 25 05:38:50 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 23 11:06:27 2021  
 Response via : Initial Calibration

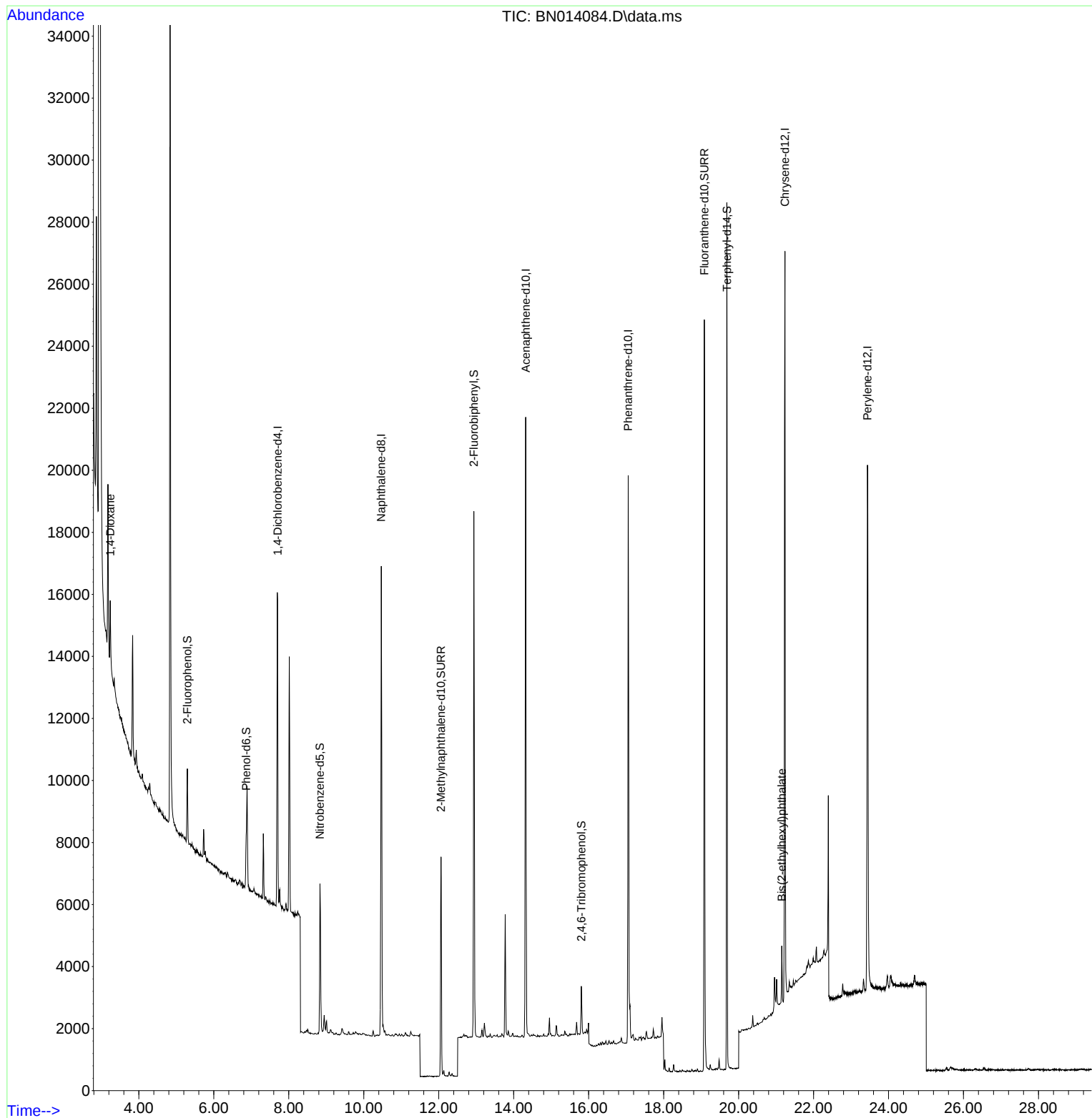
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.700  | 152  | 4995     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.467 | 136  | 19655    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.321 | 164  | 11175    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.055 | 188  | 24339    | 0.40 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.237 | 240  | 23825    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.439 | 264  | 22782    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.292  | 112  | 1776     | 0.15 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.863  | 99   | 1307     | 0.09 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.832  | 82   | 4150     | 0.32 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.062 | 152  | 9760     | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.805 | 330  | 1112     | 0.30 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 14225    | 0.34 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.086 | 212  | 27073    | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.687 | 244  | 26316    | 0.50 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.239  | 88   | 1459     | 0.22 | ng    | # 54     |
| 34) Bis(2-ethylhexyl)phtha... | 21.152 | 149  | 1718     | 0.07 | ng    | # 96     |

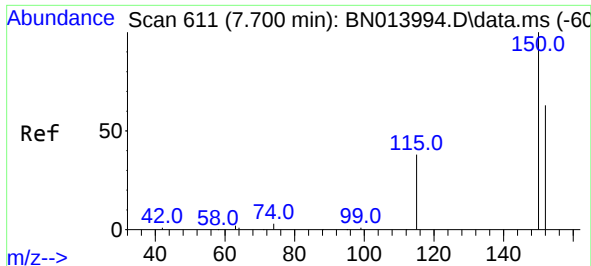
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
Data File : BN014084.D  
Acq On : 24 Mar 2021 23:23  
Operator : CG/JU  
Sample : M1787-16  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

Quant Time: Mar 25 05:38:50 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 23 11:06:27 2021  
Response via : Initial Calibration



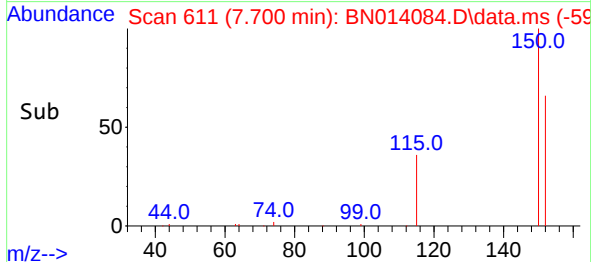
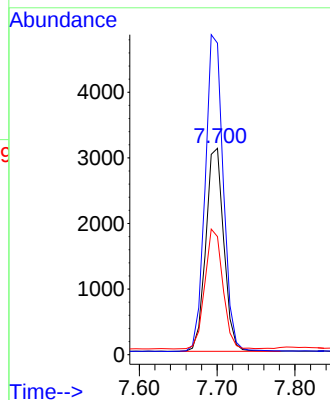
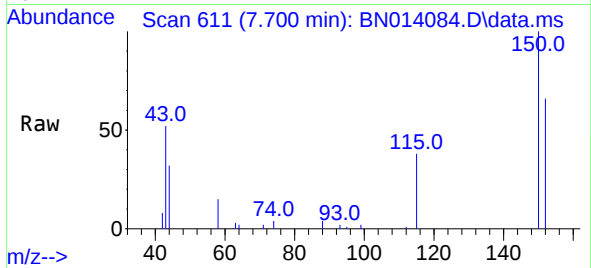


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.700 min Scan# 611  
 Delta R.T. 0.000 min  
 Lab File: BN014084.D  
 Acq: 24 Mar 2021 23:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE-126D3-20210319

Tgt Ion: 152 Resp: 4995

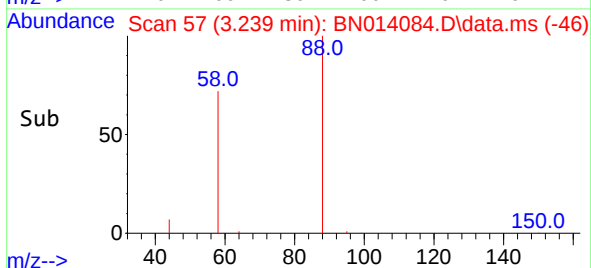
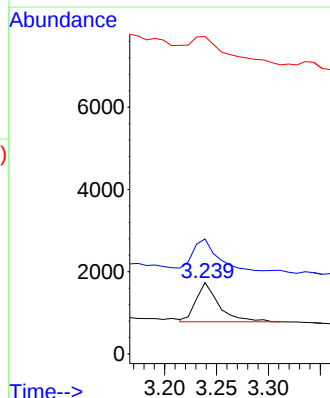
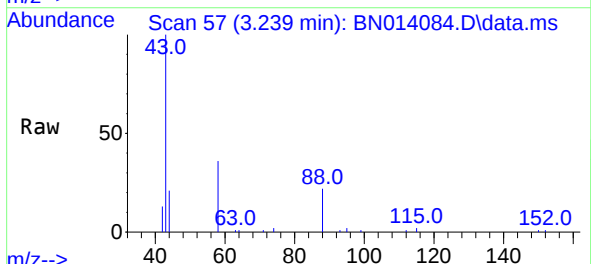
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 151.0 | 121.8 | 182.8 |
| 115 | 57.2  | 46.6  | 69.8  |

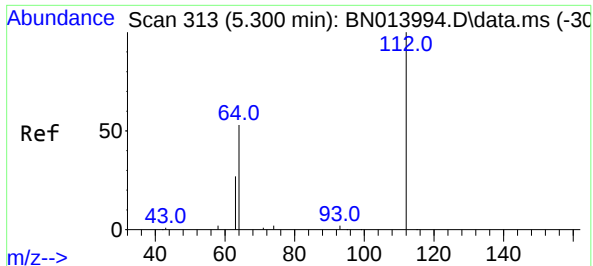


#2  
 1,4-Dioxane  
 Concen: 0.22 ng  
 RT: 3.239 min Scan# 57  
 Delta R.T. -0.007 min  
 Lab File: BN014084.D  
 Acq: 24 Mar 2021 23:23

Tgt Ion: 88 Resp: 1459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 82.8  | 64.6  | 96.8  |
| 43  | 118.6 | 26.6  | 40.0  |

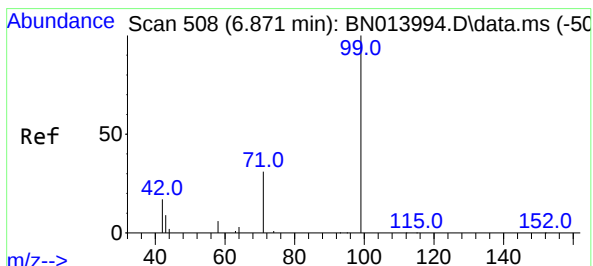
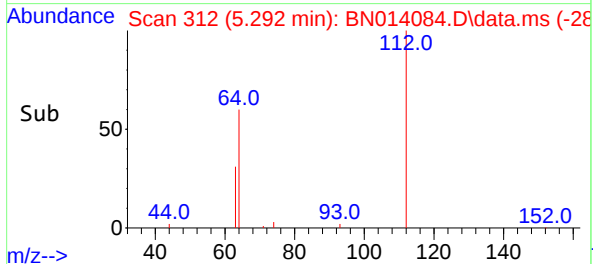
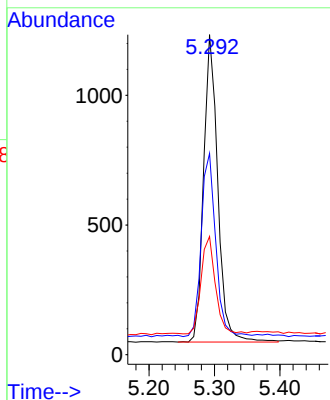
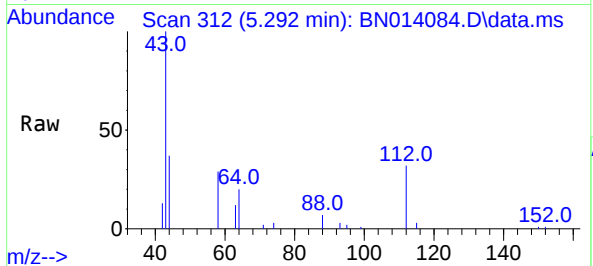




#4  
2-Fluorophenol  
Concen: 0.15 ng  
RT: 5.292 min Scan# 312  
Delta R.T. 0.001 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

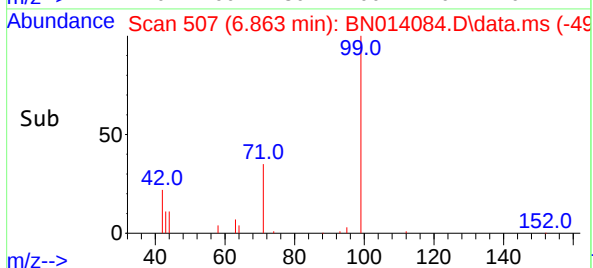
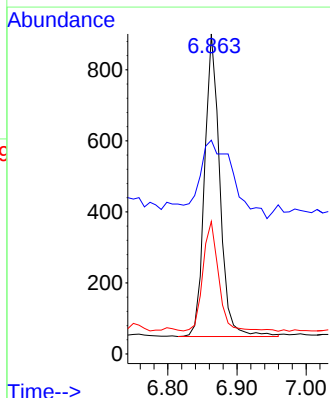
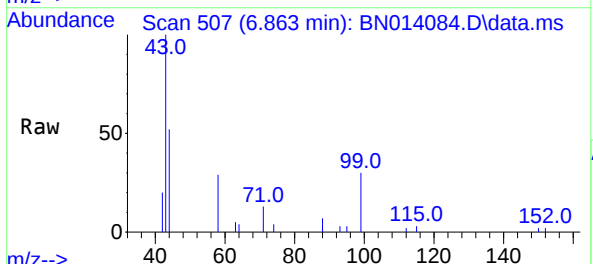
Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

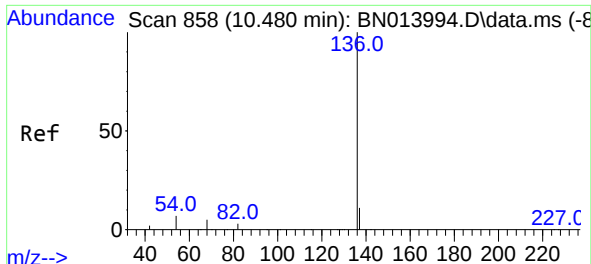
Tgt Ion:112 Resp: 1776  
Ion Ratio Lower Upper  
112 100  
64 61.0 44.3 66.5  
63 32.6 23.0 34.6



#5  
Phenol-d6  
Concen: 0.09 ng  
RT: 6.863 min Scan# 507  
Delta R.T. 0.001 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

Tgt Ion: 99 Resp: 1307  
Ion Ratio Lower Upper  
99 100  
42 56.2 15.2 22.8#  
71 37.6 26.1 39.1

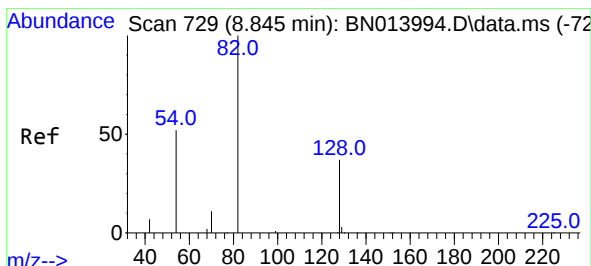
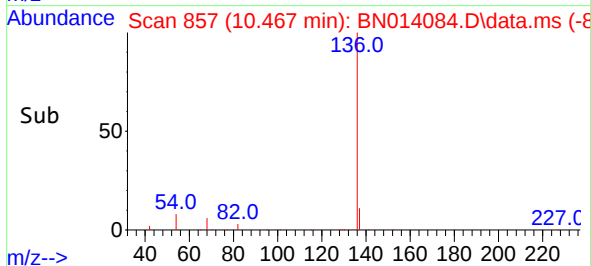
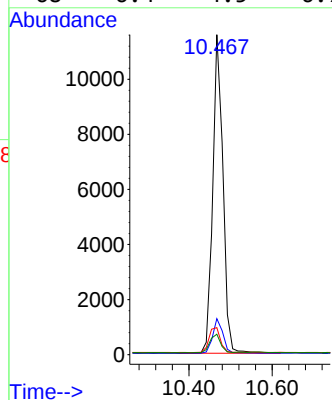
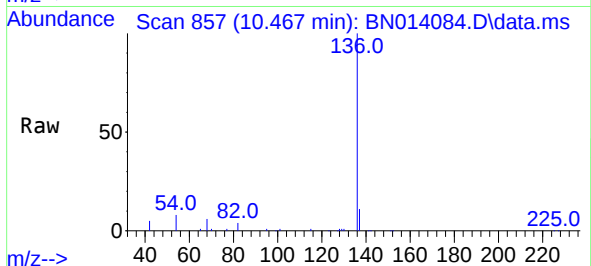




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.467 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

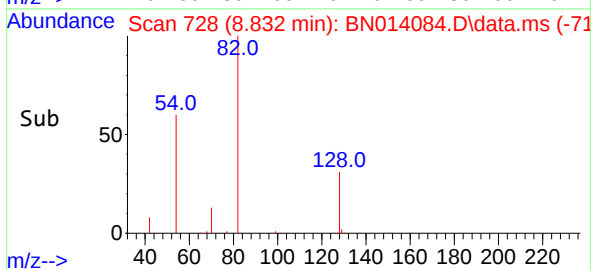
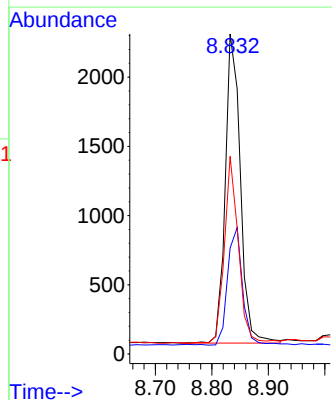
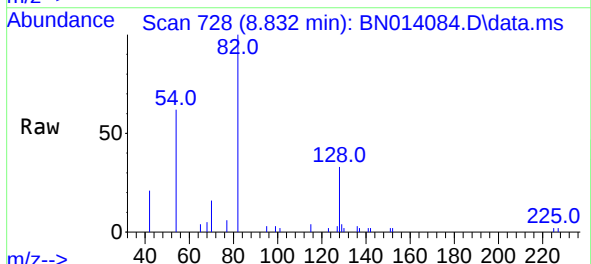
Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

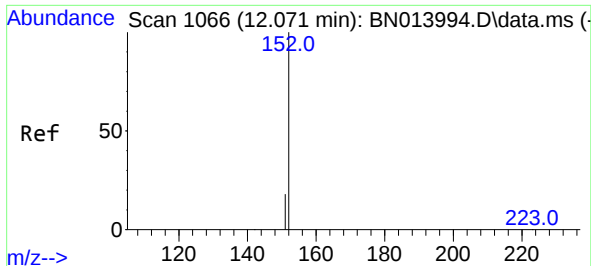
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19655 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 8.4   | 6.4   | 9.6   |
| 68        | 6.4   | 4.5   | 6.7   |



#8  
Nitrobenzene-d5  
Concen: 0.32 ng  
RT: 8.832 min Scan# 728  
Delta R.T. -0.012 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 4150  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 33.1  | 39.2  | 58.8# |
| 54        | 61.8  | 40.1  | 60.1# |

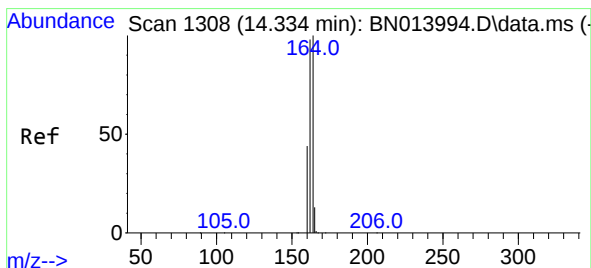
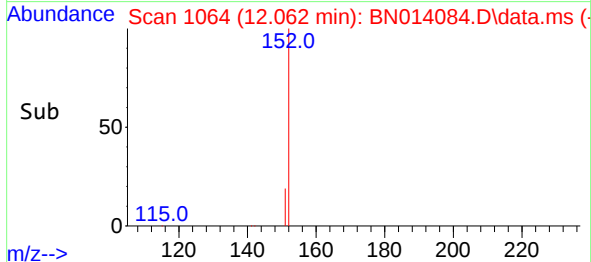
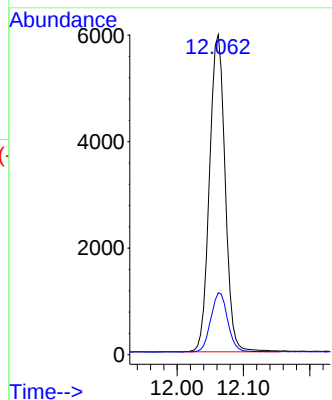
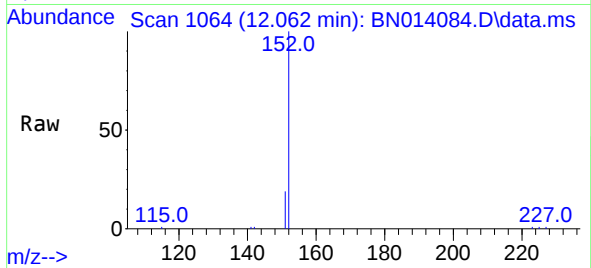




#11  
2-Methylnaphthalene-d10  
Concen: 0.32 ng  
RT: 12.062 min Scan# 1064  
Delta R.T. -0.004 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

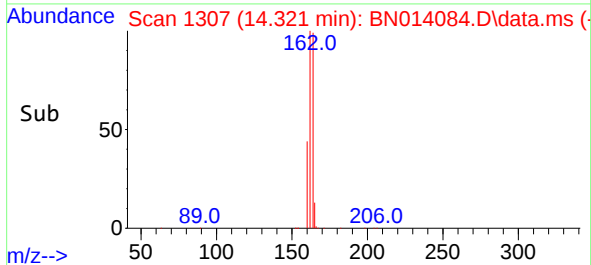
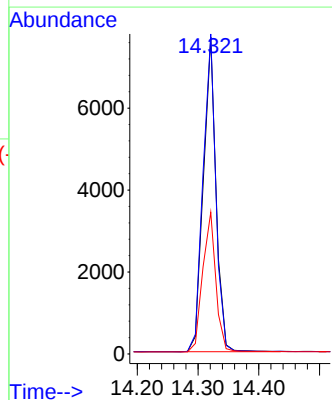
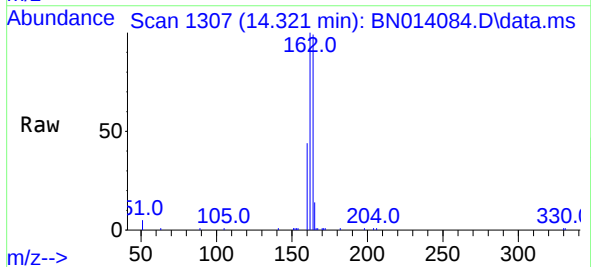
Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

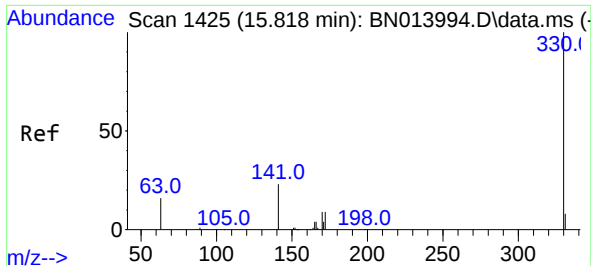
Tgt Ion:152 Resp: 9760  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. 0.001 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

Tgt Ion:164 Resp: 11175  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.6 119.4  
160 44.7 36.0 54.0

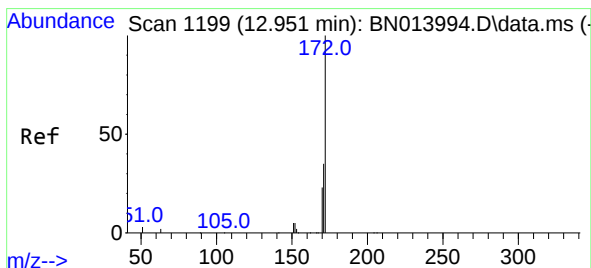
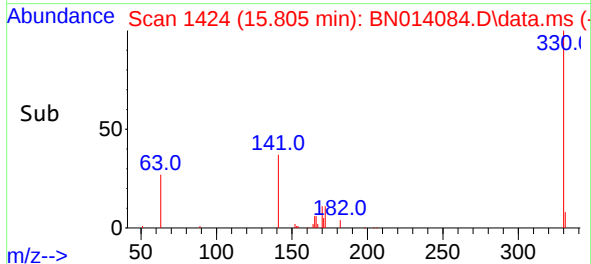
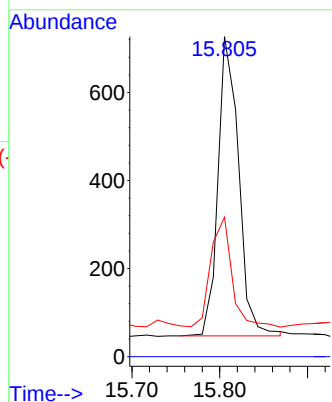
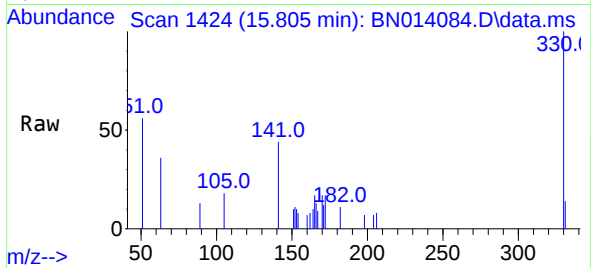




#14  
2,4,6-Tribromophenol  
Concen: 0.30 ng  
RT: 15.805 min Scan# 1424  
Delta R.T. -0.012 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

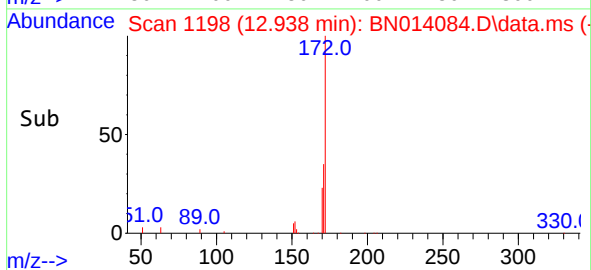
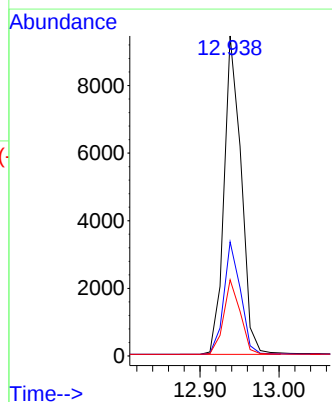
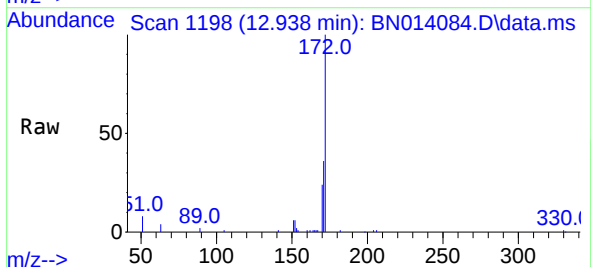
Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

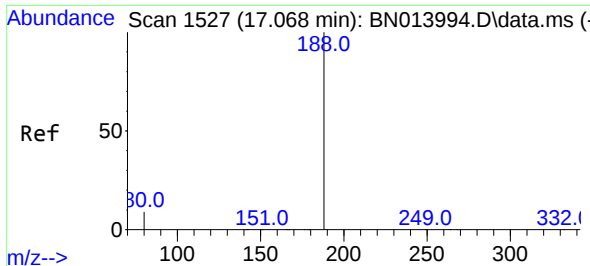
Tgt Ion:330 Resp: 1112  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.5 26.8 40.2



#15  
2-Fluorobiphenyl  
Concen: 0.34 ng  
RT: 12.938 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

Tgt Ion:172 Resp: 14225  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 42.8  
170 23.8 18.9 28.3

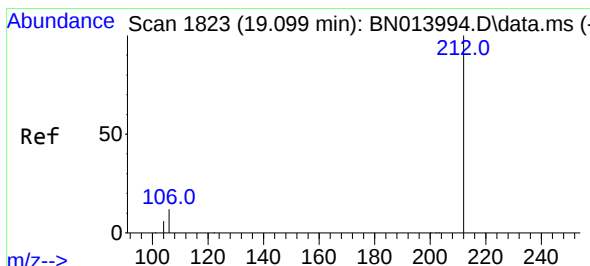
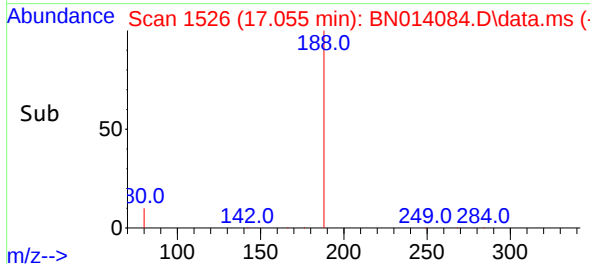
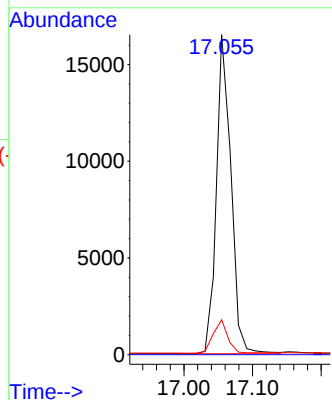
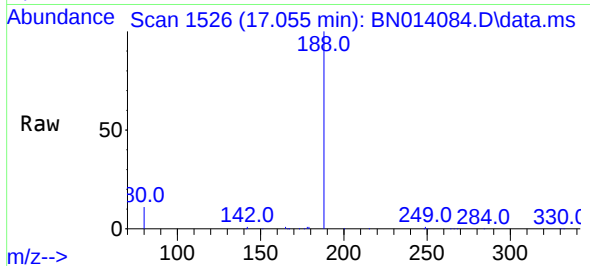




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.055 min Scan# 1526  
Delta R.T. -0.012 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

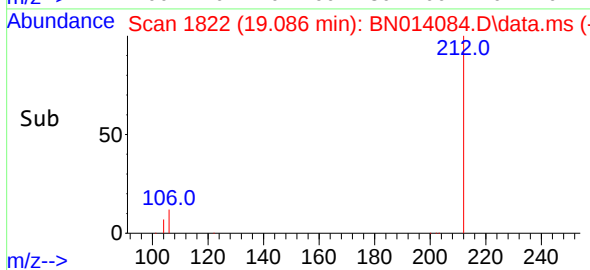
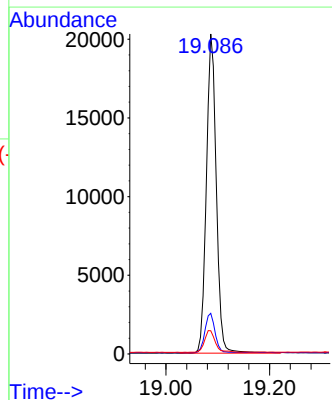
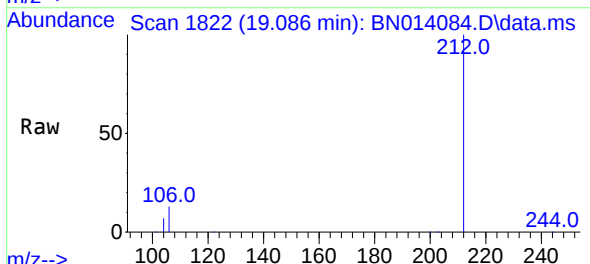
Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

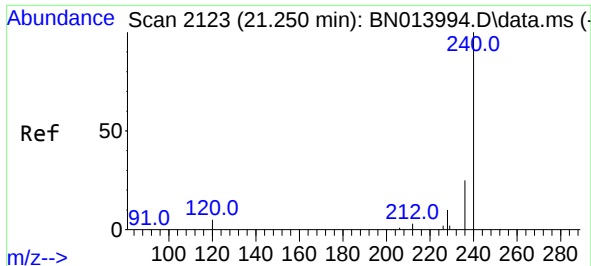
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 24339 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 10.9  | 9.0   |



#27  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.086 min Scan# 1822  
Delta R.T. -0.002 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:212 | Resp: | 27073 |
| Ion Ratio   | Lower | Upper |
| 212         | 100   |       |
| 106         | 12.5  | 9.7   |
| 104         | 7.4   | 5.5   |

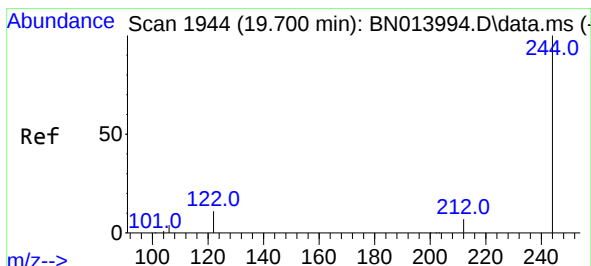
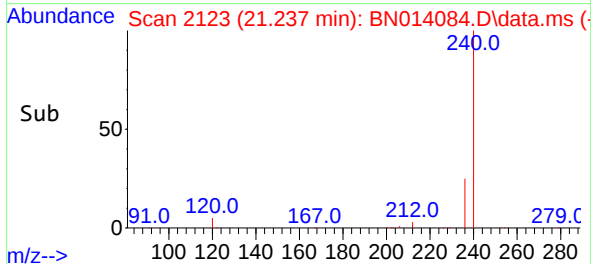
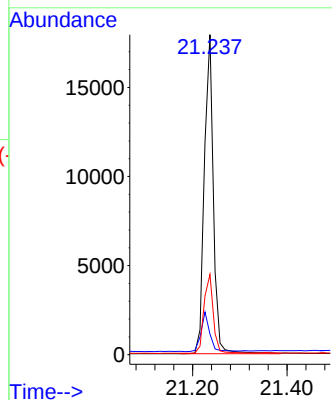
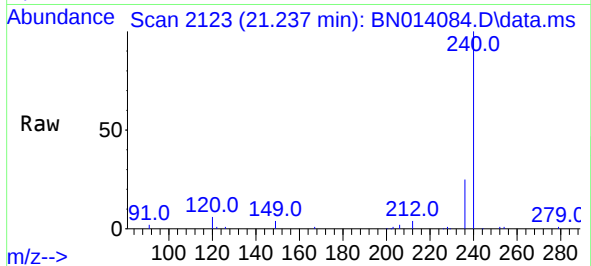




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.237 min Scan# 2123  
Delta R.T. -0.002 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

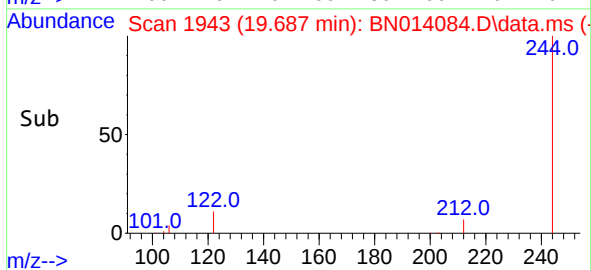
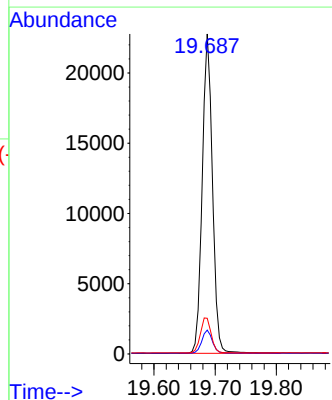
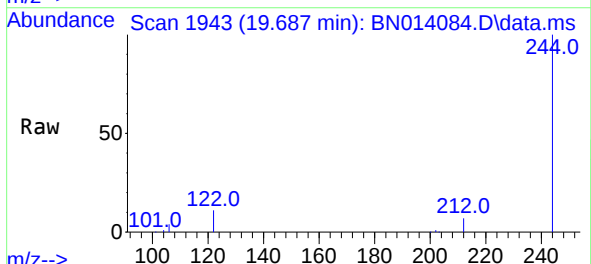
Instrument :  
BNA\_N  
ClientSampleId :  
RE-126D3-20210319

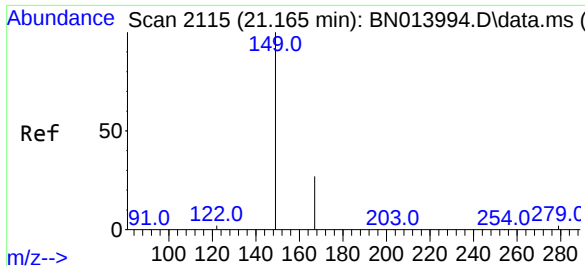
Tgt Ion:240 Resp: 23825  
Ion Ratio Lower Upper  
240 100  
120 6.5 10.2 15.4#  
236 25.1 21.3 31.9



#31  
Terphenyl-d14  
Concen: 0.50 ng  
RT: 19.687 min Scan# 1943  
Delta R.T. -0.002 min  
Lab File: BN014084.D  
Acq: 24 Mar 2021 23:23

Tgt Ion:244 Resp: 26316  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 11.1 9.8 14.8

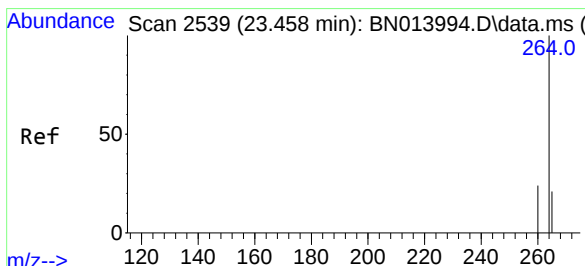
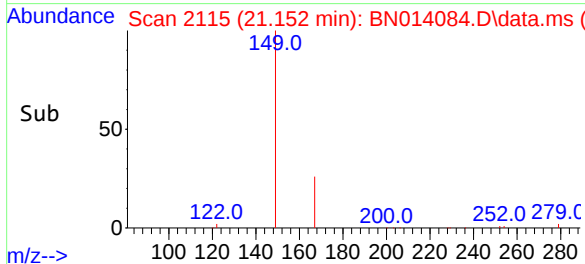
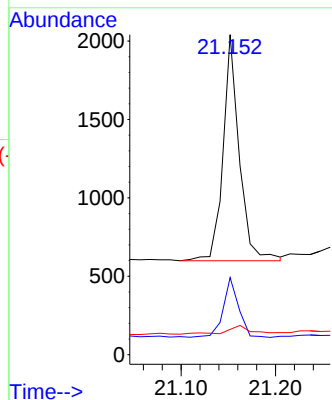
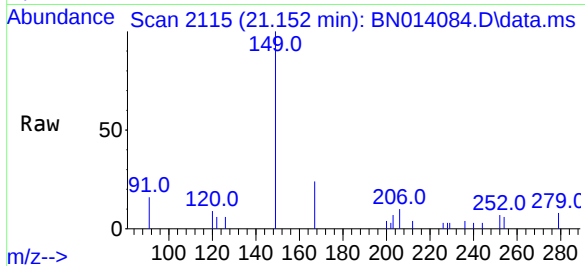




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.07 ng  
 RT: 21.152 min Scan# 2115  
 Delta R.T. -0.002 min  
 Lab File: BN014084.D  
 Acq: 24 Mar 2021 23:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE-126D3-20210319

Tgt Ion:149 Resp: 1718  
 Ion Ratio Lower Upper  
 149 100  
 167 25.2 22.1 33.1  
 279 5.5 3.5 5.3#



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.439 min Scan# 2535  
 Delta R.T. -0.009 min  
 Lab File: BN014084.D  
 Acq: 24 Mar 2021 23:23

Tgt Ion:264 Resp: 22782  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.3 28.9  
 265 33.6 66.2 99.4#

