

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
 Data File : BN014096.D  
 Acq On : 25 Mar 2021 07:46  
 Operator : CG/JU  
 Sample : M1787-19  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW203D-20210320

Quant Time: Mar 25 08:35:13 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

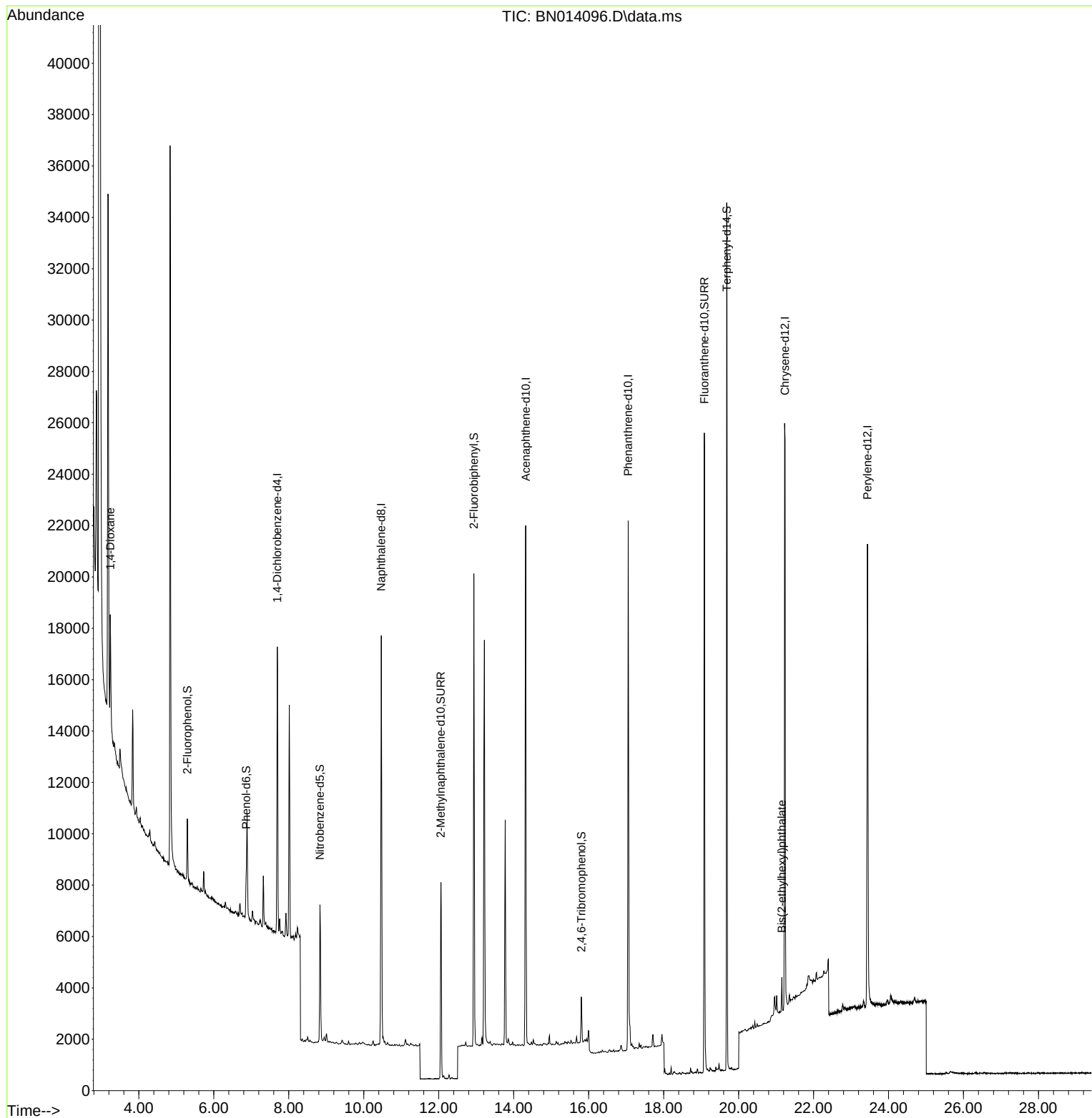
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.692  | 152  | 5425     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.467 | 136  | 20753    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.321 | 164  | 12096    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.055 | 188  | 26441    | 0.40 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.239 | 240  | 24874    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.438 | 264  | 23586    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.292  | 112  | 1813     | 0.15 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.863  | 99   | 1320     | 0.08 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.832  | 82   | 4586     | 0.33 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.057 | 152  | 10546    | 0.33 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.805 | 330  | 1315     | 0.33 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 15241    | 0.34 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.089 | 212  | 29395    | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.685 | 244  | 33394    | 0.61 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.239  | 88   | 2946     | 0.41 | ng    | # 76     |
| 34) Bis(2-ethylhexyl)phtha... | 21.154 | 149  | 1253     | 0.05 | ng    | 96       |

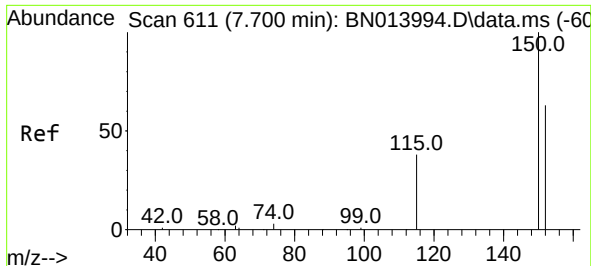
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 23 11:06:27 2021  
Response via : Initial Calibration

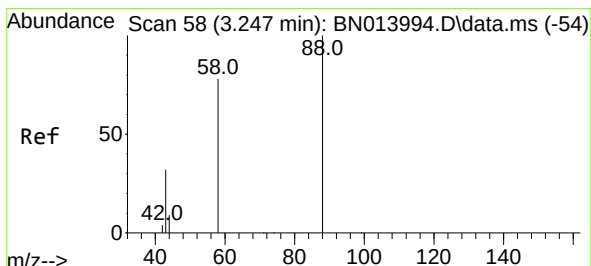
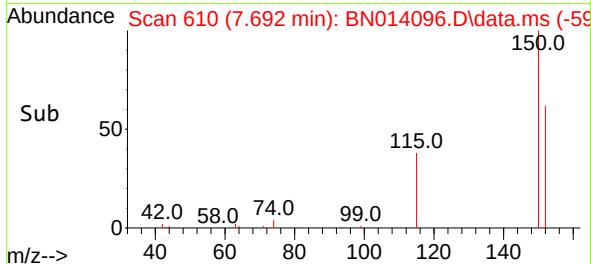
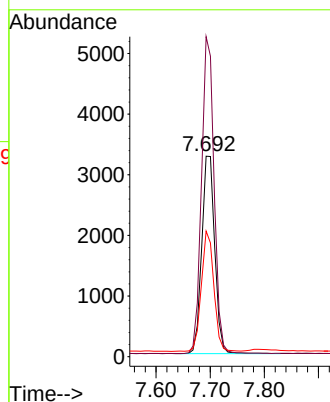
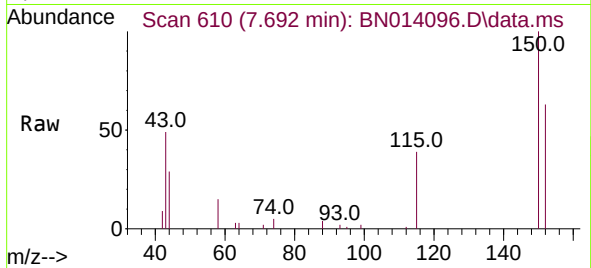




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.692 min Scan# 610  
Delta R.T. -0.008 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

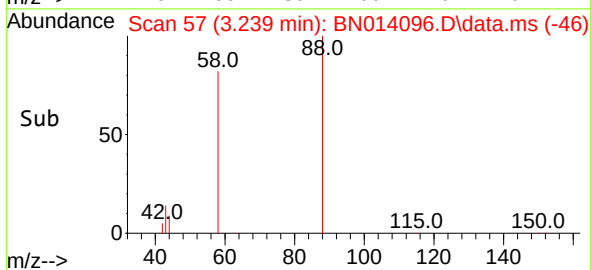
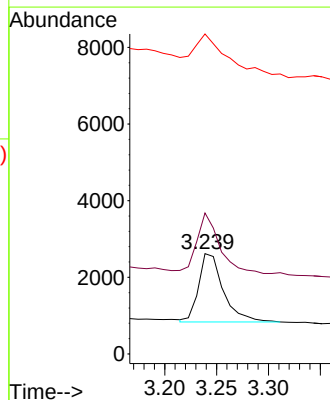
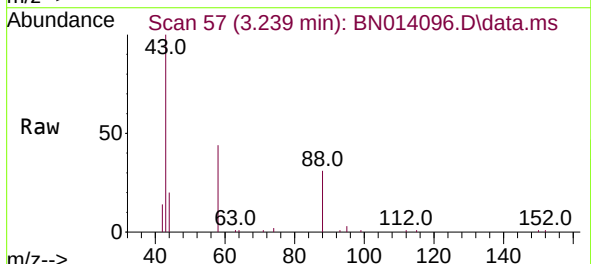
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BNA\_N  
ClientSampleId :  
MW203D-20210320

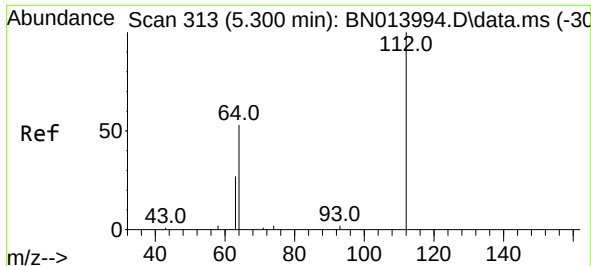
Tgt Ion:152 Resp: 5425  
Ion Ratio Lower Upper  
152 100  
150 159.6 121.8 182.8  
115 62.6 46.6 69.8



#2  
1,4-Dioxane  
Concen: 0.41 ng  
RT: 3.239 min Scan# 57  
Delta R.T. -0.008 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Tgt Ion: 88 Resp: 2946  
Ion Ratio Lower Upper  
88 100  
58 82.0 64.6 96.8  
43 77.5 26.6 40.0#

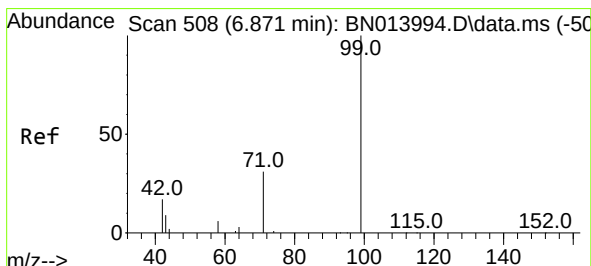
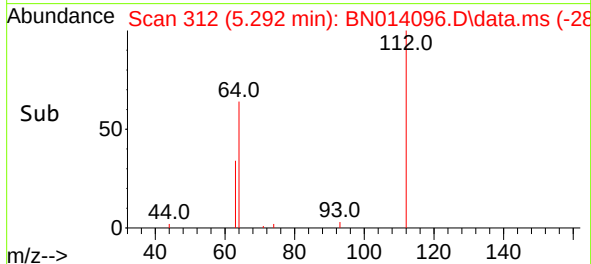
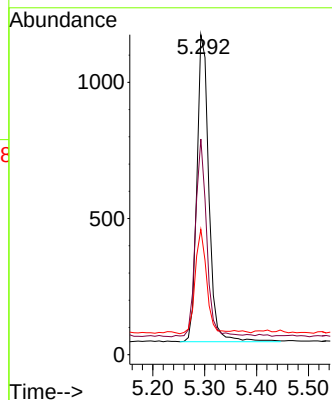
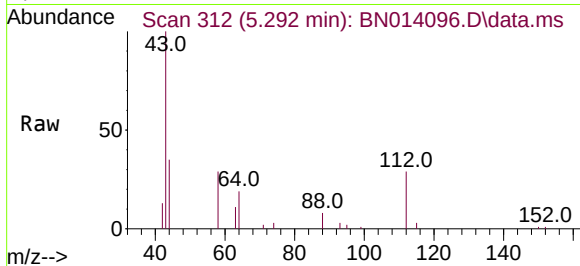




#4  
2-Fluorophenol  
Concen: 0.15 ng  
RT: 5.292 min Scan# 312  
Delta R.T. 0.001 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

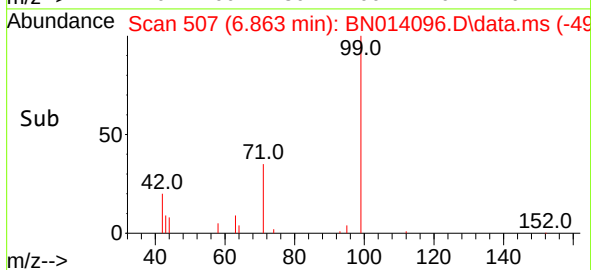
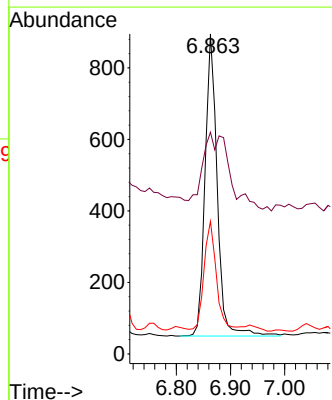
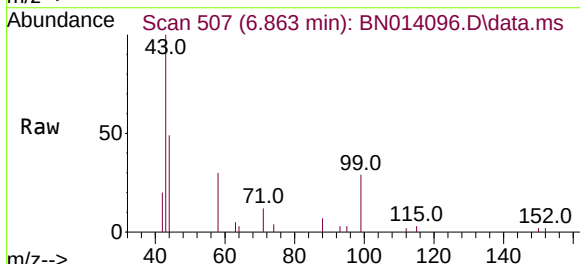
Instrument :  
BNA\_N  
ClientSampleId :  
MW203D-20210320

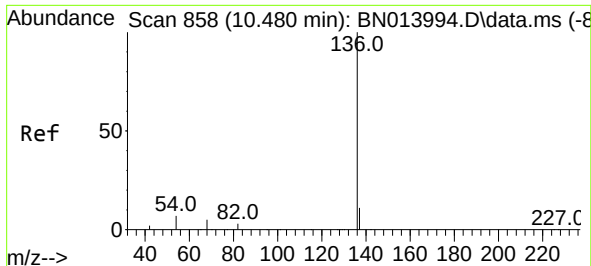
Tgt Ion:112 Resp: 1813  
Ion Ratio Lower Upper  
112 100  
64 60.7 44.3 66.5  
63 32.4 23.0 34.6



#5  
Phenol-d6  
Concen: 0.08 ng  
RT: 6.863 min Scan# 507  
Delta R.T. 0.001 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Tgt Ion: 99 Resp: 1320  
Ion Ratio Lower Upper  
99 100  
42 55.2 15.2 22.8#  
71 36.7 26.1 39.1

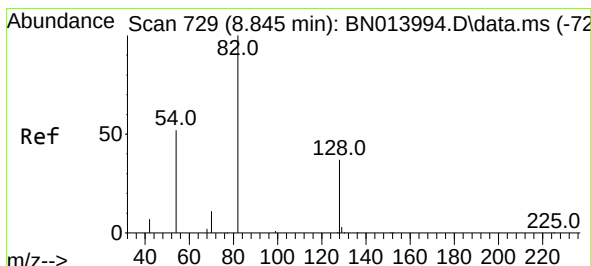
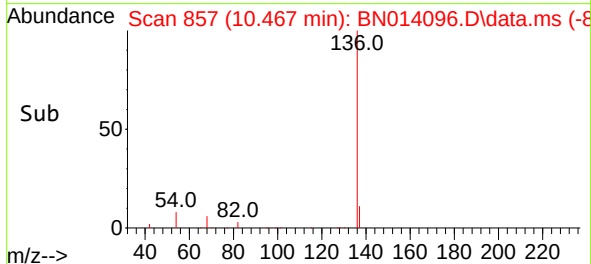
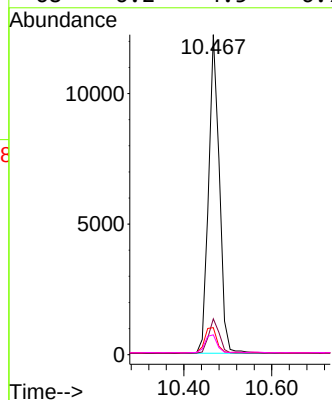
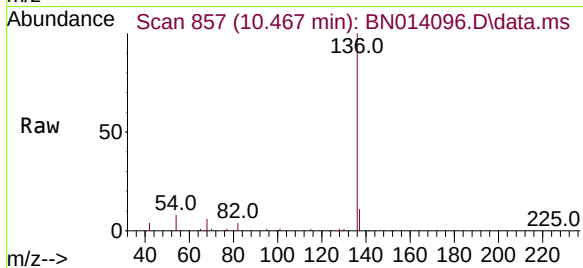




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.467 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

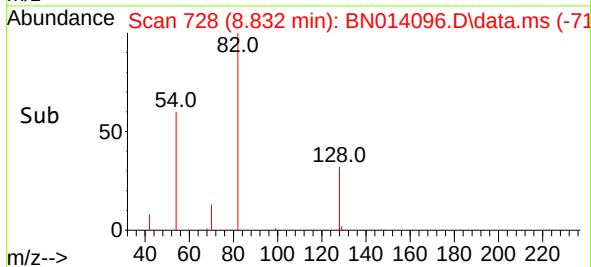
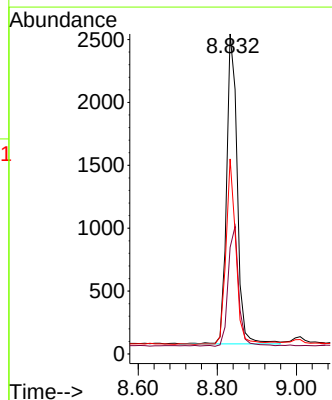
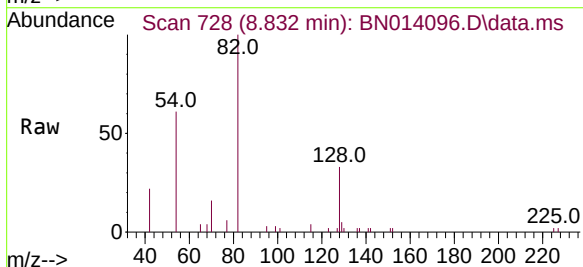
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BNA\_N  
ClientSampleId :  
MW203D-20210320

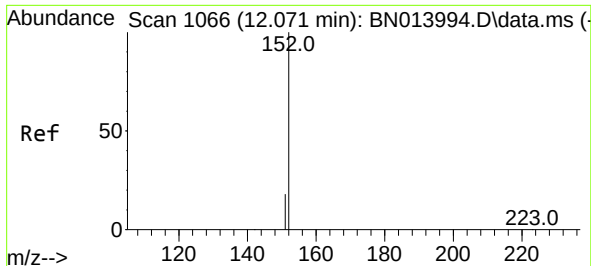
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 20753    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 9.0 13.6 |
| 54          | 8.5   | 6.4 9.6  |
| 68          | 6.2   | 4.5 6.7  |



#8  
Nitrobenzene-d5  
Concen: 0.33 ng  
RT: 8.832 min Scan# 728  
Delta R.T. -0.012 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 4586       |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 33.3  | 39.2 58.8# |
| 54          | 61.0  | 40.1 60.1# |

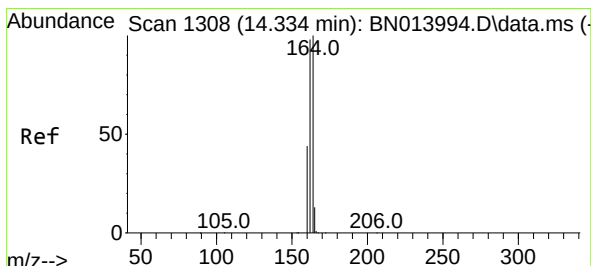
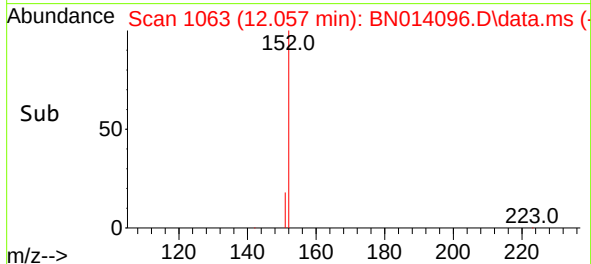
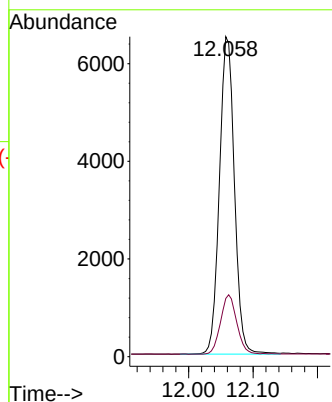
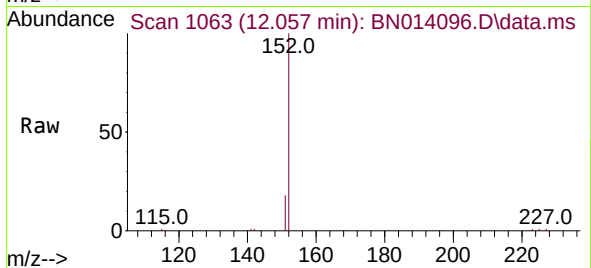




#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 12.057 min Scan# 1063  
Delta R.T. -0.008 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

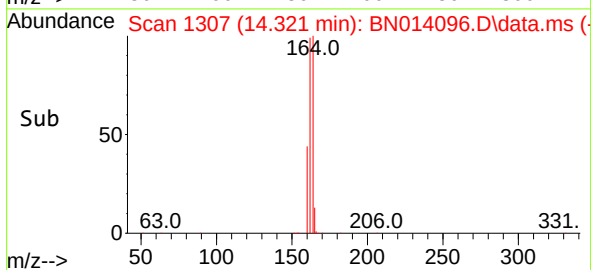
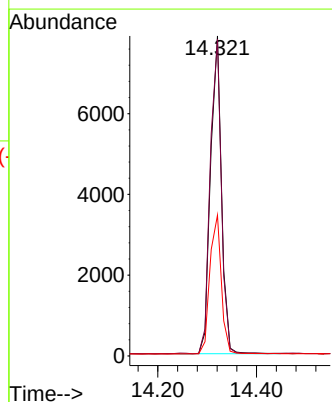
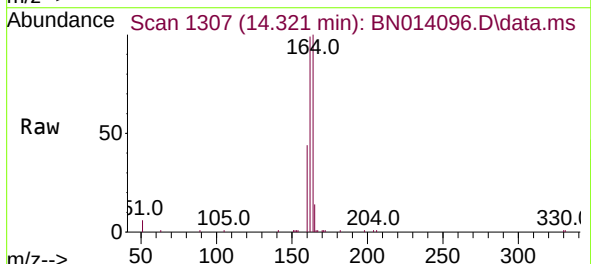
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ClientSampleId :  
MW203D-20210320

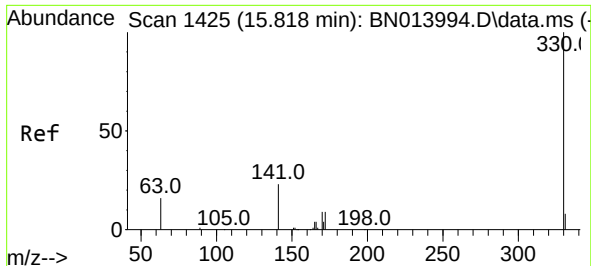
Tgt Ion:152 Resp: 10546  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. 0.001 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Tgt Ion:164 Resp: 12096  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.6 119.4  
160 44.0 36.0 54.0

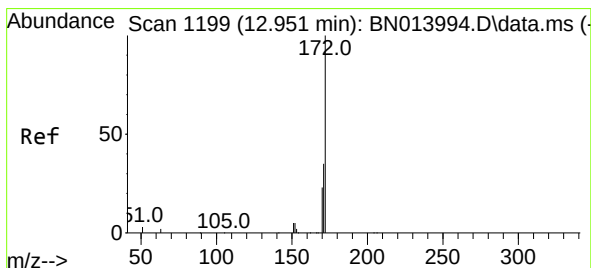
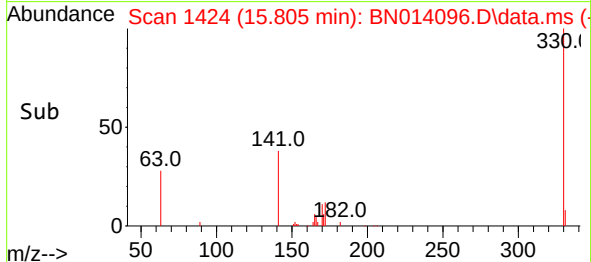
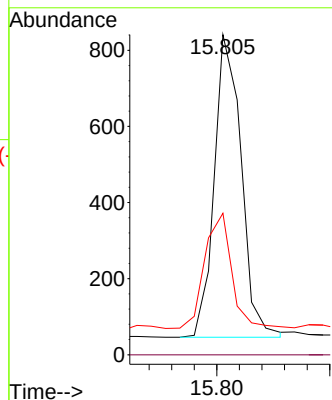
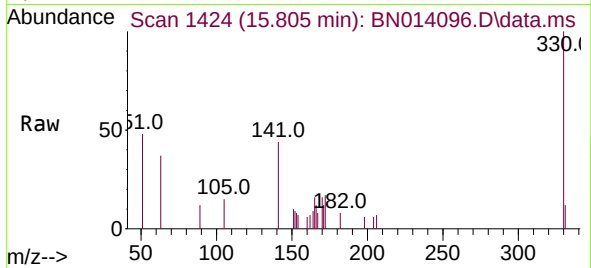




#14  
2,4,6-Tribromophenol  
Concen: 0.33 ng  
RT: 15.805 min Scan# 1424  
Delta R.T. -0.012 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

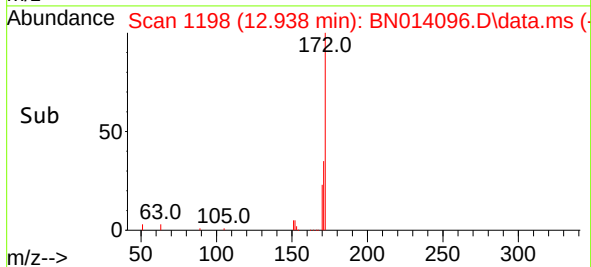
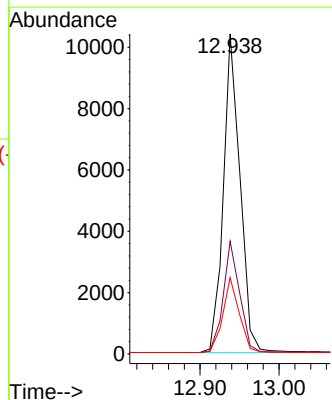
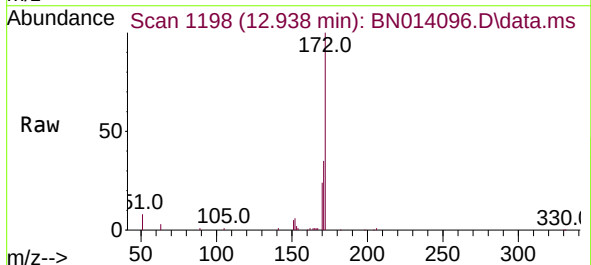
Instrument :  
BNA\_N  
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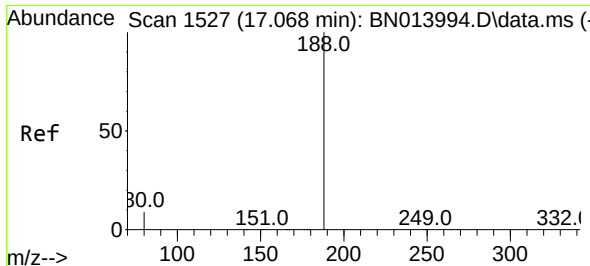
Tgt Ion:330 Resp: 1315  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.4 26.8 40.2



#15  
2-Fluorobiphenyl  
Concen: 0.34 ng  
RT: 12.938 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Tgt Ion:172 Resp: 15241  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 42.8  
170 23.8 18.9 28.3

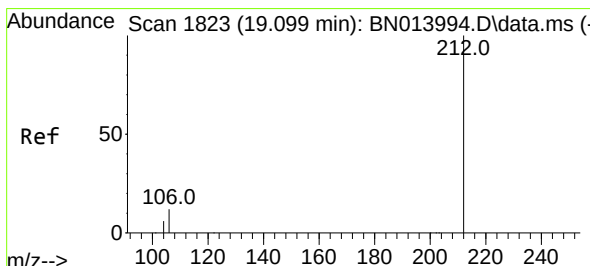
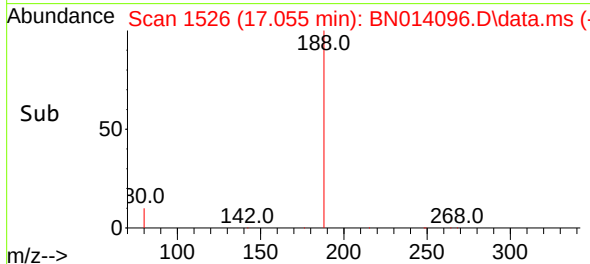
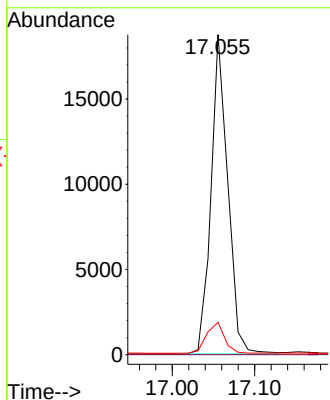
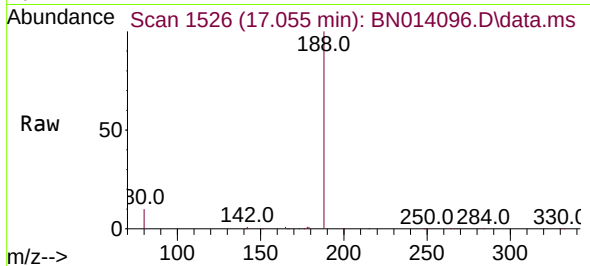




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.055 min Scan# 1526  
Delta R.T. -0.012 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

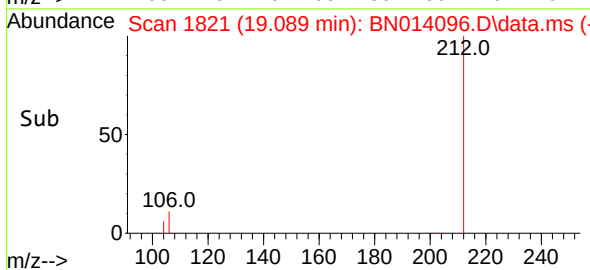
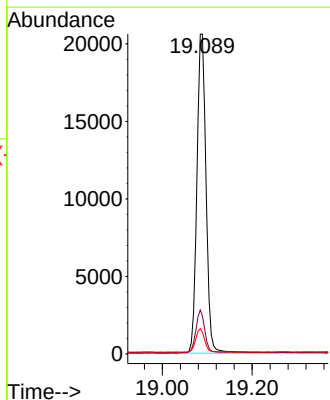
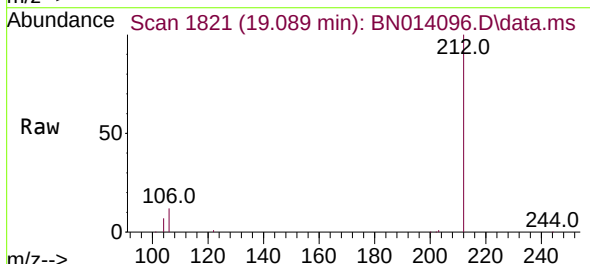
Instrument :  
BNA\_N  
ClientSampleId :  
MW203D-20210320

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 26441    |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0      |
| 80          | 10.1  | 9.0 13.6 |

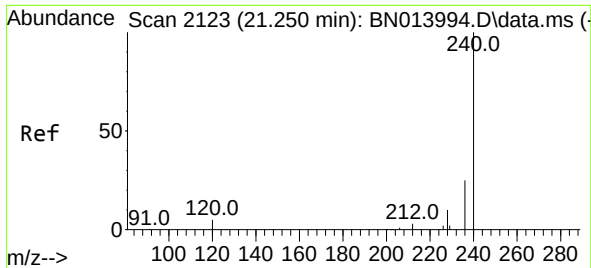


#27  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.089 min Scan# 1821  
Delta R.T. 0.001 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:212 | Resp: | 29395    |
| Ion Ratio   | Lower | Upper    |
| 212         | 100   |          |
| 106         | 12.7  | 9.7 14.5 |
| 104         | 7.3   | 5.5 8.3  |



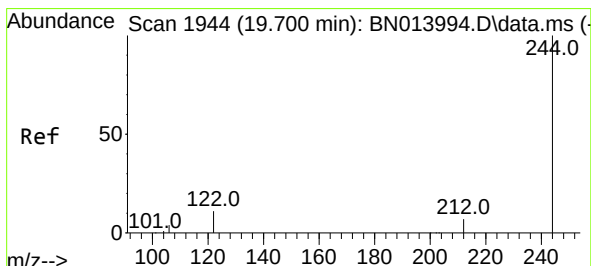
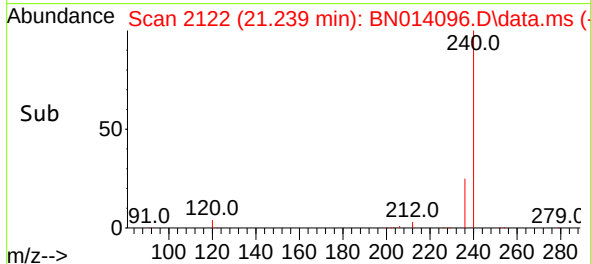
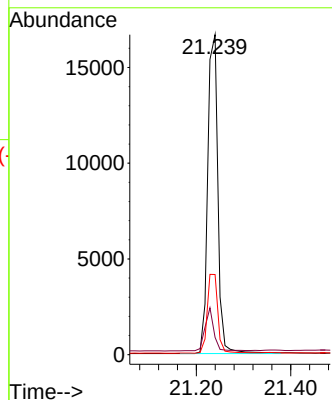
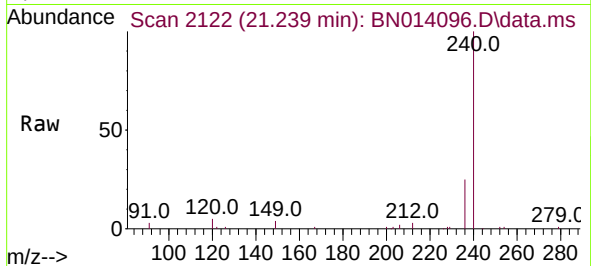




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.239 min Scan# 2122  
Delta R.T. 0.001 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

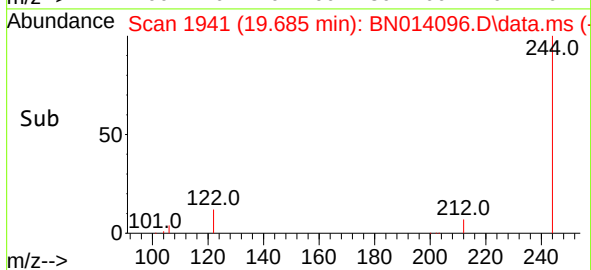
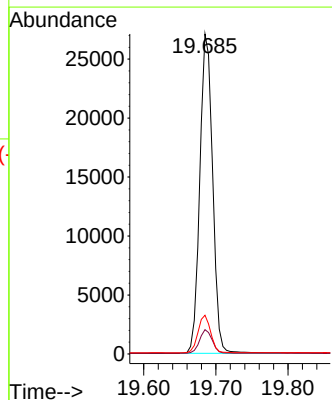
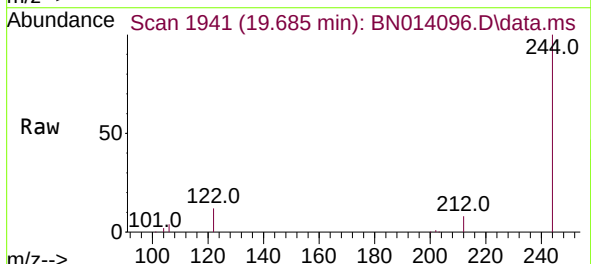
Instrument :  
BNA\_N  
ClientSampleId :  
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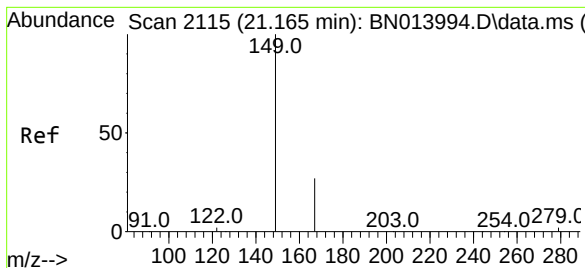
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Ion Ratio Lower Upper  
240 100  
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236 25.1 21.3 31.9



#31  
Terphenyl-d14  
Concen: 0.61 ng  
RT: 19.685 min Scan# 1941  
Delta R.T. -0.004 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Tgt Ion:244 Resp: 33394  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.1 9.1  
122 12.1 9.8 14.8

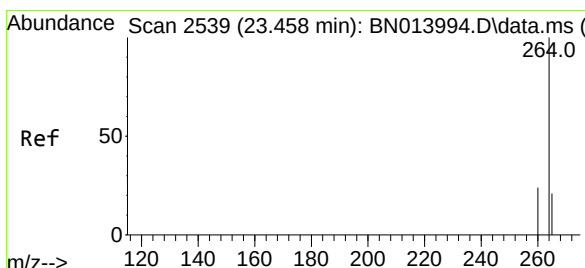
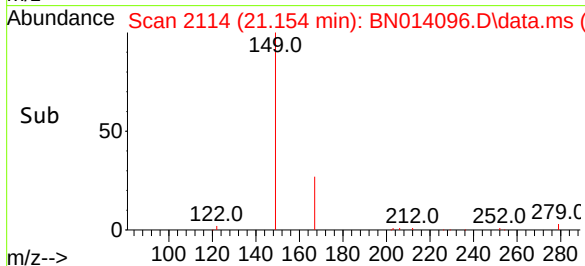
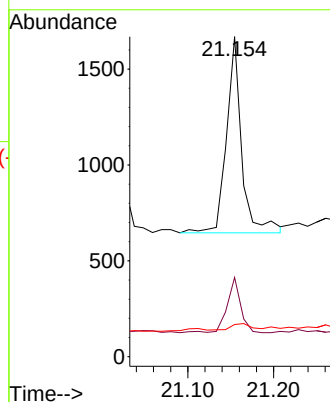
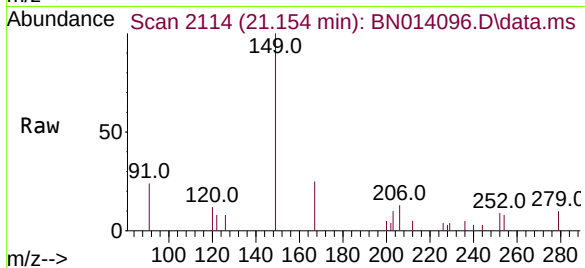




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.05 ng  
RT: 21.154 min Scan# 2114  
Delta R.T. 0.001 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Instrument :  
BNA\_N  
ClientSampleId :  
MW203D-20210320

Tgt Ion:149 Resp: 1253  
Ion Ratio Lower Upper  
149 100  
167 25.2 22.1 33.1  
279 4.3 3.5 5.3



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.438 min Scan# 2533  
Delta R.T. -0.010 min  
Lab File: BN014096.D  
Acq: 25 Mar 2021 07:46

Tgt Ion:264 Resp: 23586  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.3 28.9  
265 33.0 66.2 99.4#

