

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092820\  
 Data File : BN012001.D  
 Acq On : 29 Sep 2020 02:41  
 Operator : CG/JU  
 Sample : L4118-13  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW201D-20200919

Quant Time: Sep 29 04:29:39 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 25 11:18:41 2020  
 Response via : Initial Calibration

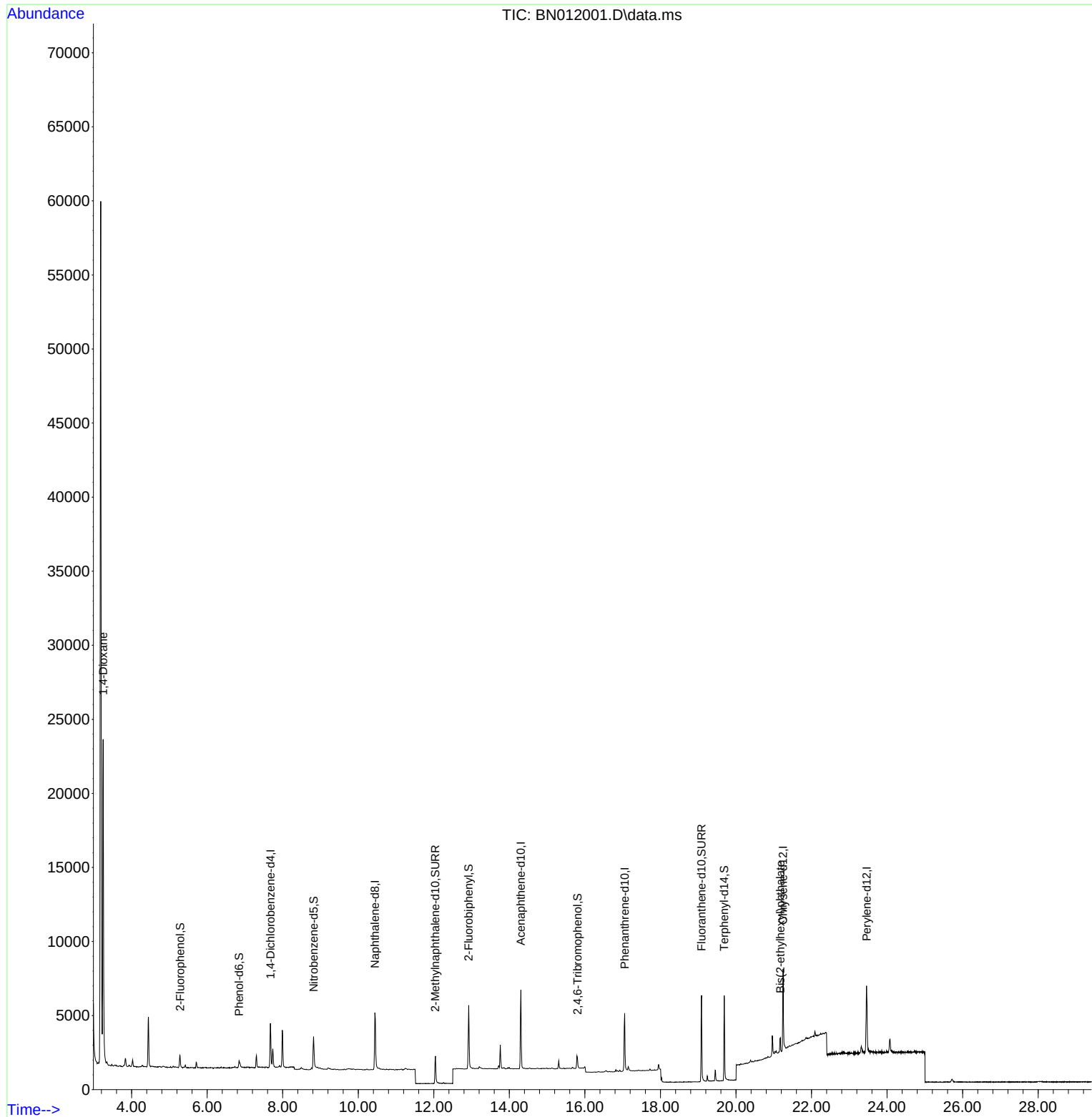
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.675  | 152  | 1408     | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.440 | 136  | 5849     | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.306 | 164  | 3238     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 5960     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.248 | 240  | 6079     | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.457 | 264  | 6267     | 0.40 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.283  | 112  | 585      | 0.12 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.845  | 99   | 369      | 0.06 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.818  | 82   | 2121     | 0.35 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.042 | 152  | 2967     | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 614      | 0.39 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.923 | 172  | 3759     | 0.31 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.087 | 212  | 7079     | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.688 | 244  | 6117     | 0.44 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.246  | 88   | 12119    | 4.95 | ng    | # 87     |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149  | 1042     | 0.08 | ng    | 92       |
| -----                         |        |      |          |      |       |          |

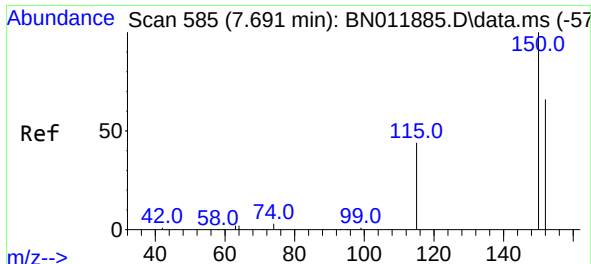
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092820\  
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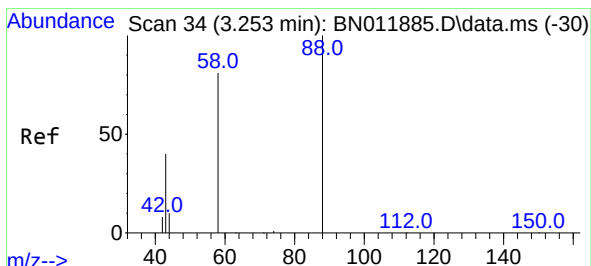
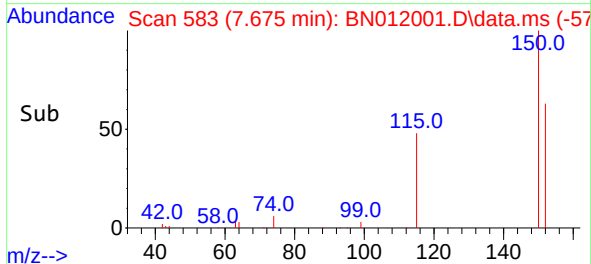
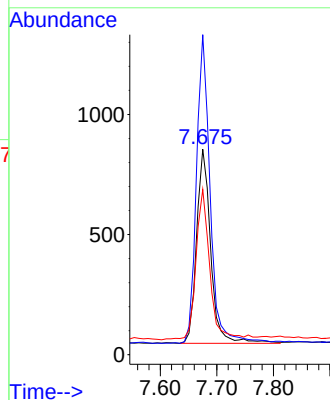
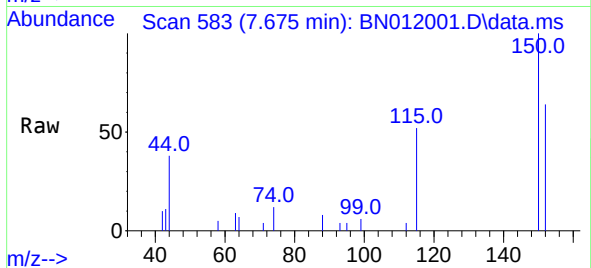




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.675 min Scan# 583  
Delta R.T. -0.008 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

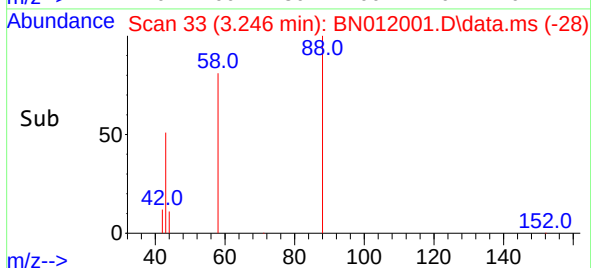
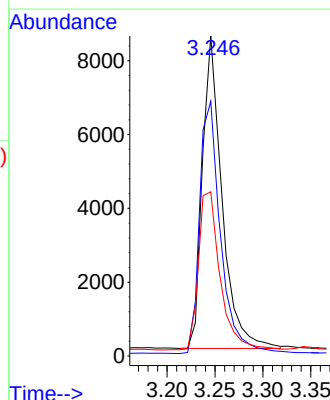
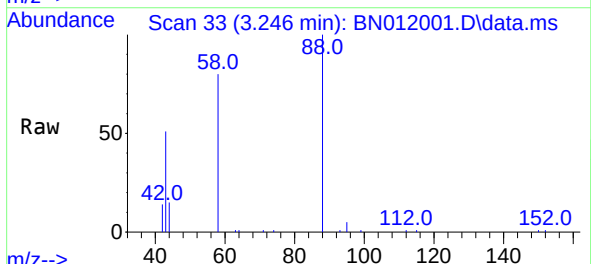
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BNA\_N  
ClientSampleId :  
MW201D-20200919

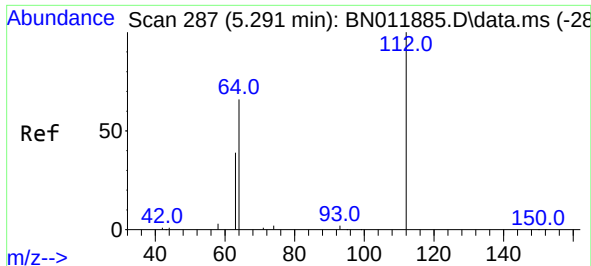
Tgt Ion:152 Resp: 1408  
Ion Ratio Lower Upper  
152 100  
150 155.8 118.3 177.5  
115 80.5 51.3 76.9#



#2  
1,4-Dioxane  
Concen: 4.95 ng  
RT: 3.246 min Scan# 33  
Delta R.T. -0.008 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Tgt Ion: 88 Resp: 12119  
Ion Ratio Lower Upper  
88 100  
58 86.2 63.3 94.9  
43 55.7 33.0 49.4#

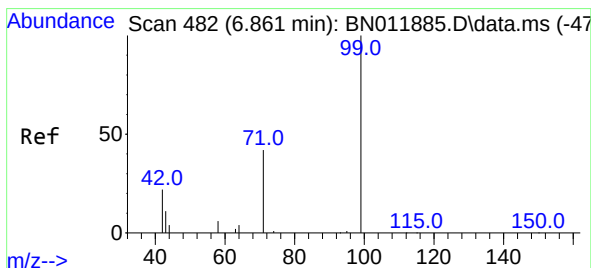
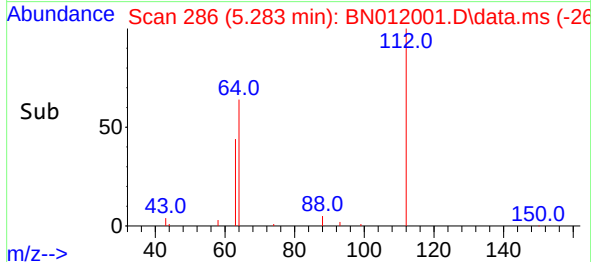
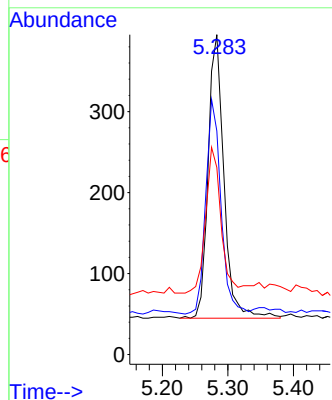
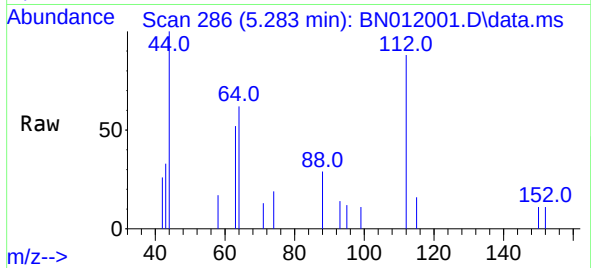




#4  
2-Fluorophenol  
Concen: 0.12 ng  
RT: 5.283 min Scan# 286  
Delta R.T. 0.000 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

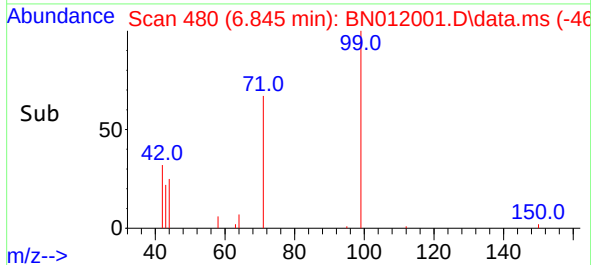
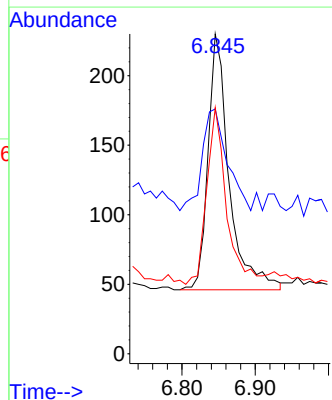
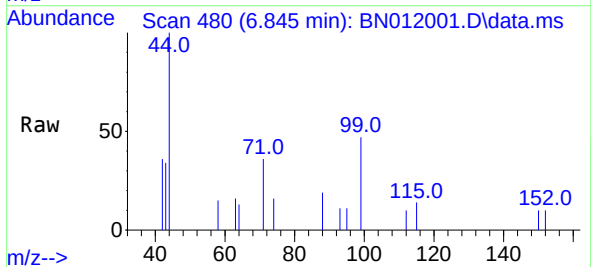
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ClientSampleId :  
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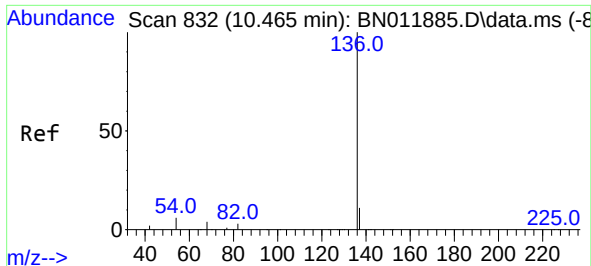
Tgt Ion:112 Resp: 585  
Ion Ratio Lower Upper  
112 100  
64 73.0 49.0 73.6  
63 50.1 31.8 47.6#



#5  
Phenol-d6  
Concen: 0.06 ng  
RT: 6.845 min Scan# 480  
Delta R.T. -0.008 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Tgt Ion: 99 Resp: 369  
Ion Ratio Lower Upper  
99 100  
42 46.6 23.4 35.0#  
71 64.8 38.1 57.1#

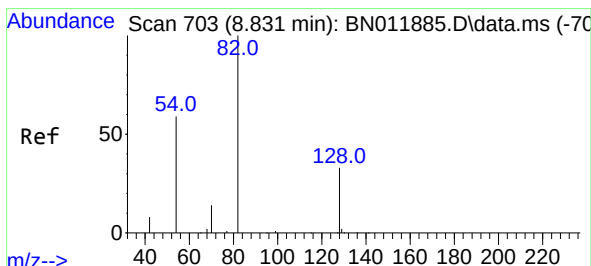
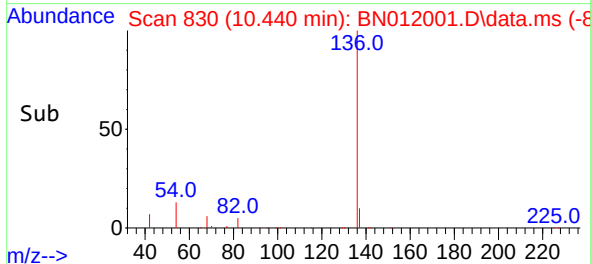
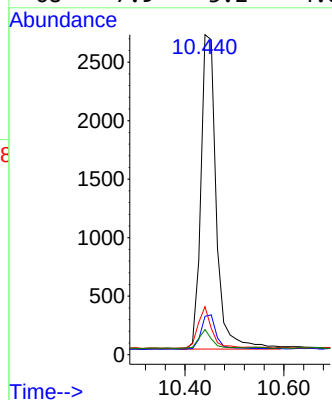
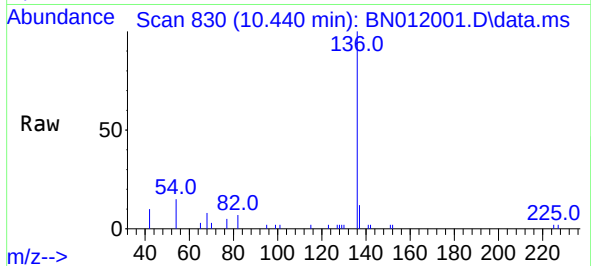




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.440 min Scan# 830  
Delta R.T. -0.012 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

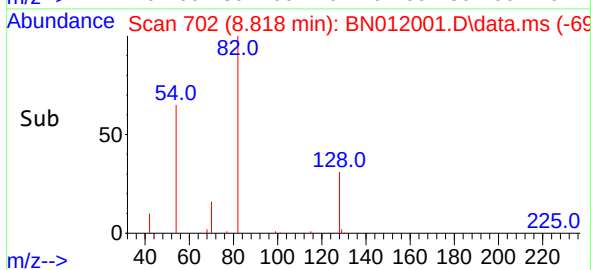
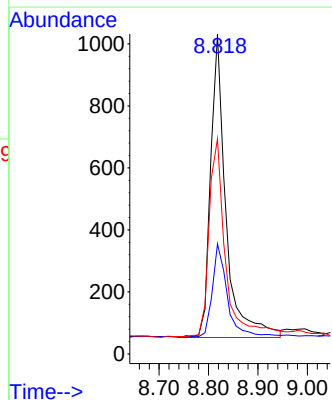
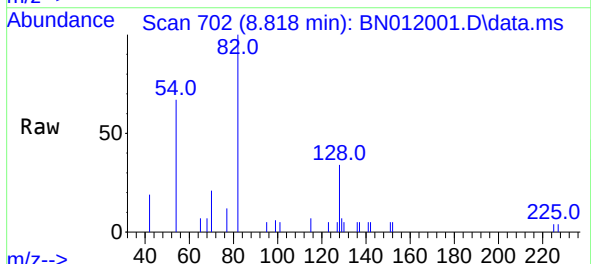
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200919

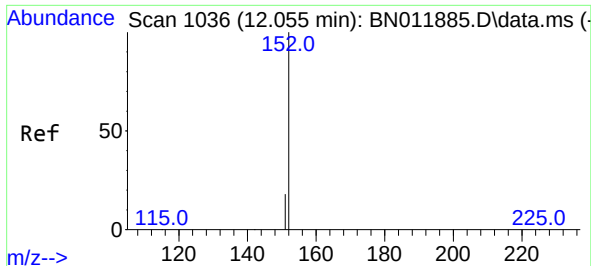
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5849  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.0  | 9.5   | 14.3  |
| 54       | 15.0  | 5.6   | 8.4#  |
| 68       | 7.9   | 3.2   | 4.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.35 ng  
RT: 8.818 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2121  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.4  | 34.2  | 51.2  |
| 54       | 67.2  | 43.1  | 64.7# |

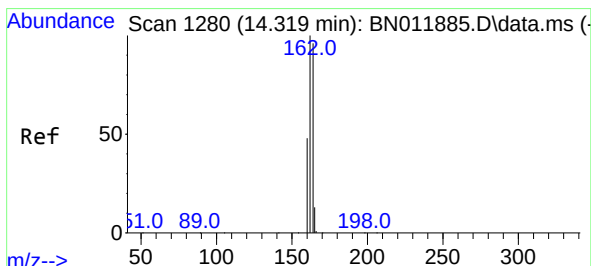
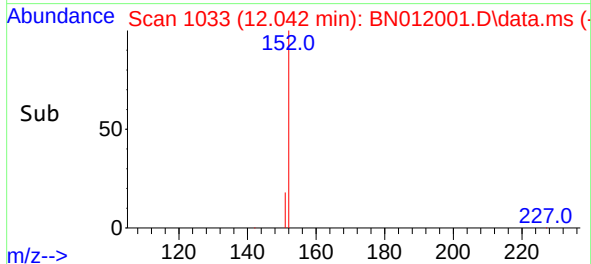
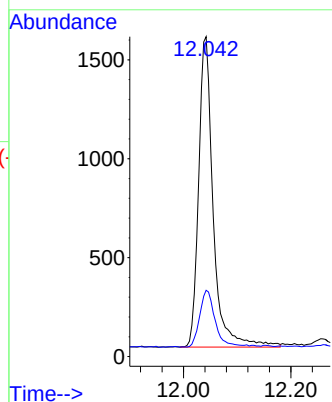
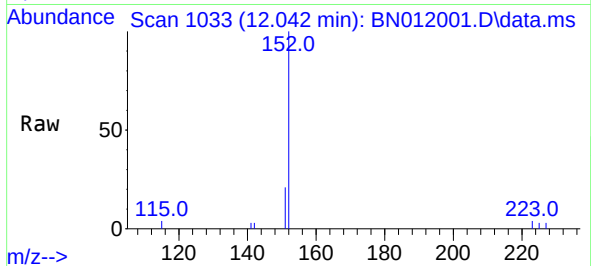




#11  
2-Methylnaphthalene-d10  
Concen: 0.32 ng  
RT: 12.042 min Scan# 1033  
Delta R.T. -0.004 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

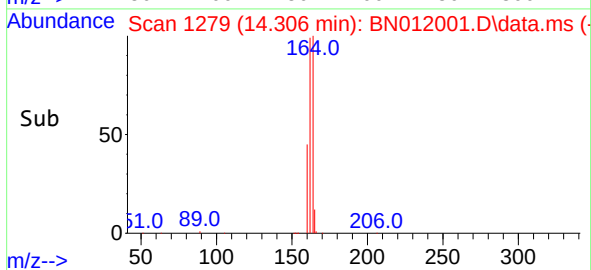
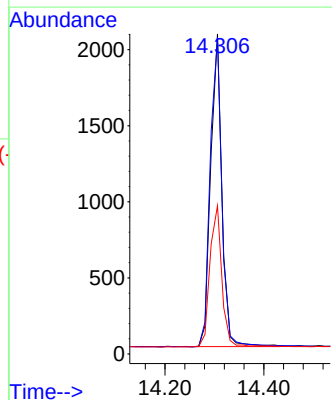
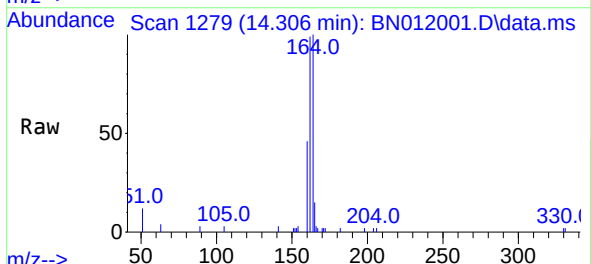
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200919

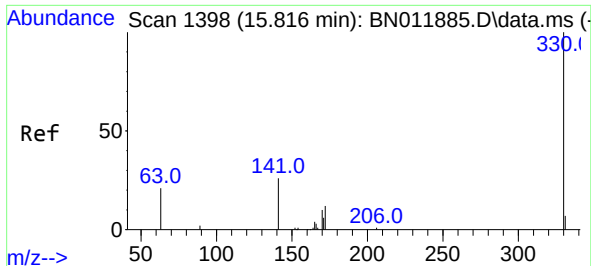
Tgt Ion:152 Resp: 2967  
Ion Ratio Lower Upper  
152 100  
151 19.2 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.306 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Tgt Ion:164 Resp: 3238  
Ion Ratio Lower Upper  
164 100  
162 99.0 83.6 125.4  
160 46.3 41.2 61.8

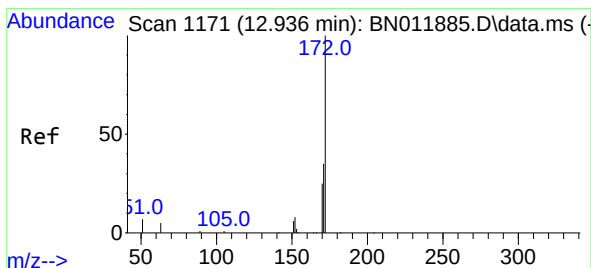
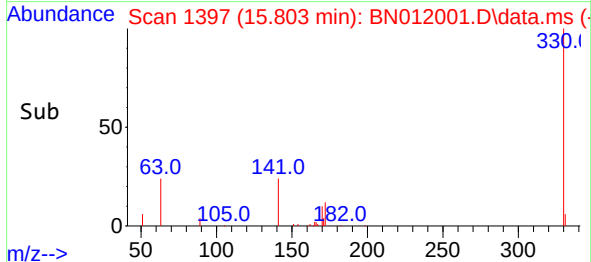
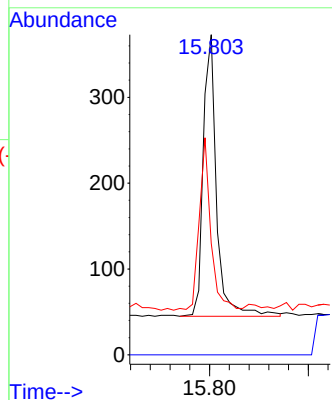
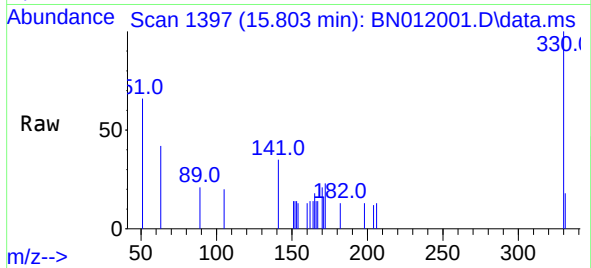




#14  
2,4,6-Tribromophenol  
Concen: 0.39 ng  
RT: 15.803 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

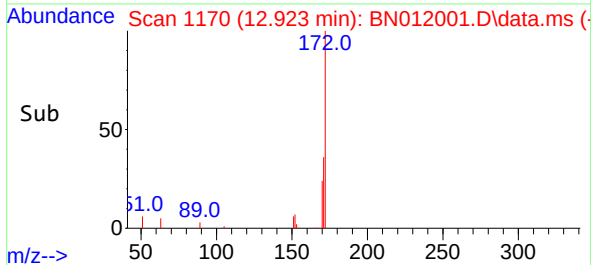
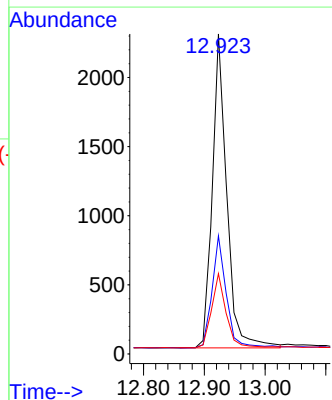
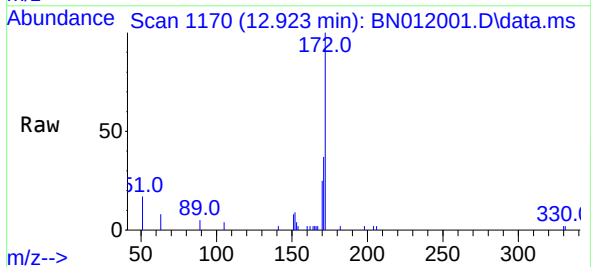
Instrument :  
BNA\_N  
ClientSampleId :  
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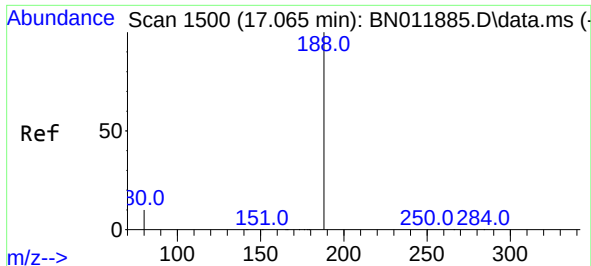
Tgt Ion:330 Resp: 614  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 53.7 33.7 50.5#



#15  
2-Fluorobiphenyl  
Concen: 0.31 ng  
RT: 12.923 min Scan# 1170  
Delta R.T. -0.012 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Tgt Ion:172 Resp: 3759  
Ion Ratio Lower Upper  
172 100  
171 36.9 27.4 41.2  
170 25.1 17.8 26.6

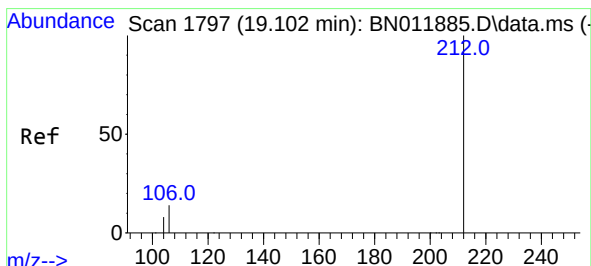
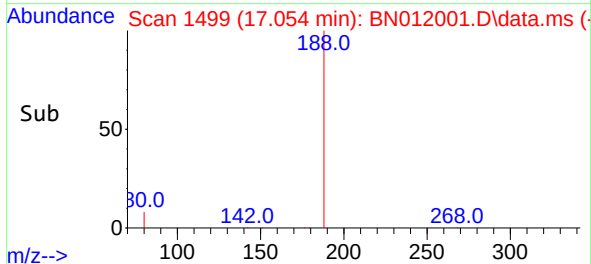
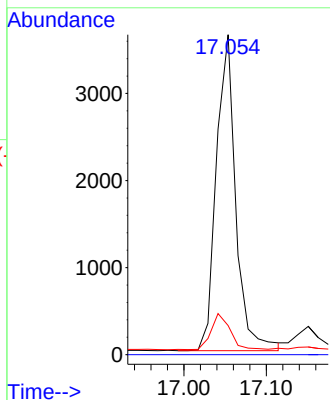
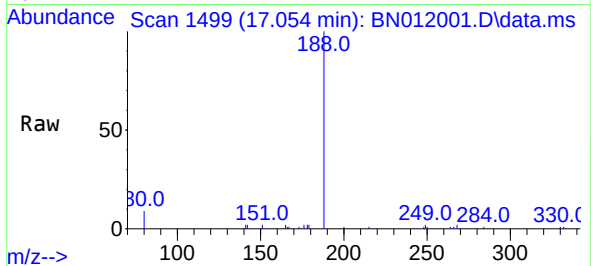




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.054 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

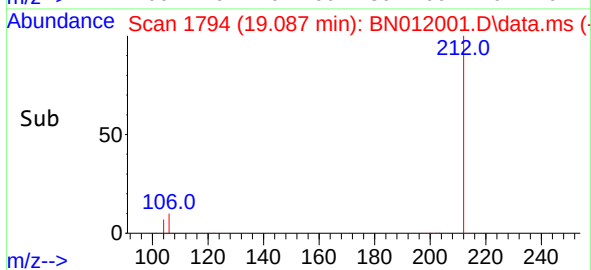
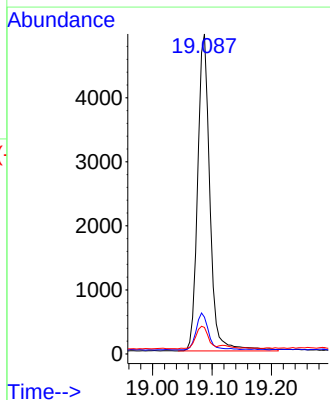
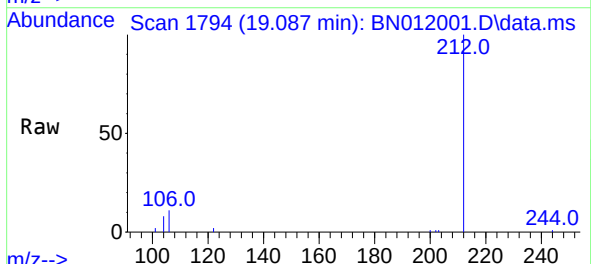
Instrument :  
BNA\_N  
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MW201D-20200919

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 5960  |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 9.1   | 11.5  |

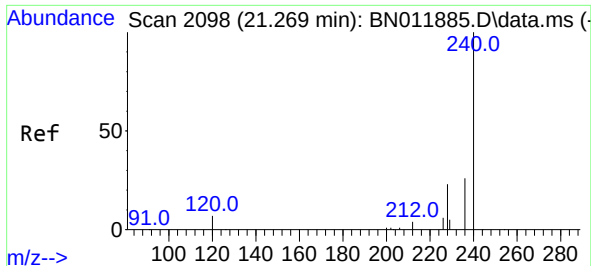


#27  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.087 min Scan# 1794  
Delta R.T. -0.005 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:212 | Resp: | 7079  |
| Ion Ratio   | Lower | Upper |
| 212         | 100   |       |
| 106         | 11.7  | 6.4   |
| 104         | 7.1   | 3.9   |



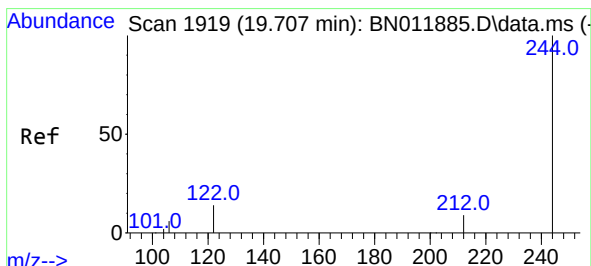
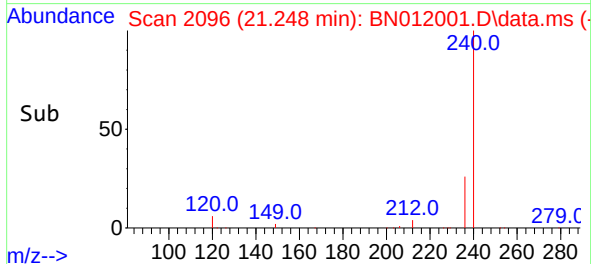
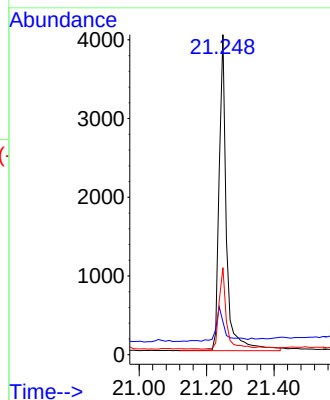
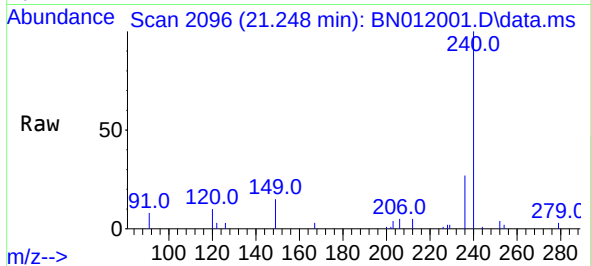




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.248 min Scan# 2096  
Delta R.T. -0.010 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

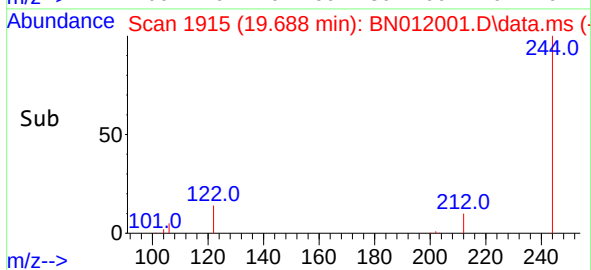
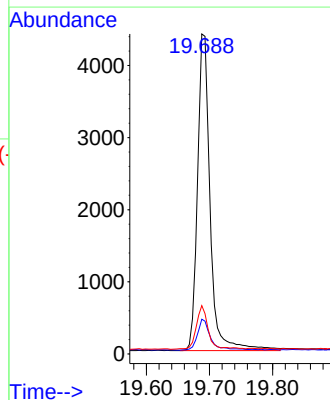
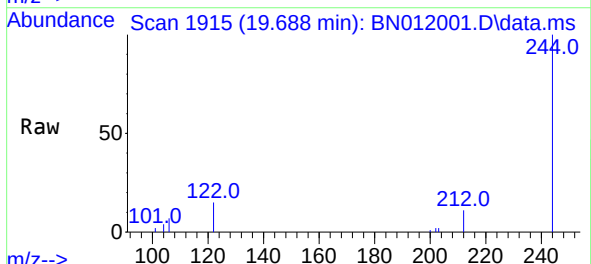
Instrument :  
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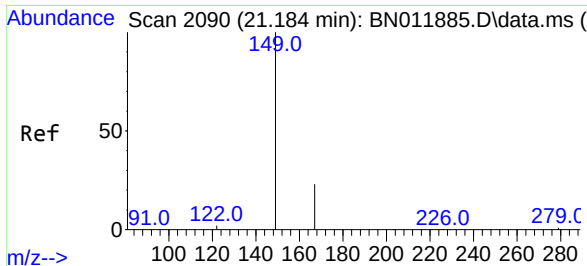
Tgt Ion:240 Resp: 6079  
Ion Ratio Lower Upper  
240 100  
120 10.3 3.5 5.3#  
236 27.2 20.5 30.7



#31  
Terphenyl-d14  
Concen: 0.44 ng  
RT: 19.688 min Scan# 1915  
Delta R.T. -0.010 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Tgt Ion:244 Resp: 6117  
Ion Ratio Lower Upper  
244 100  
212 10.9 7.3 10.9  
122 15.1 7.8 11.6#

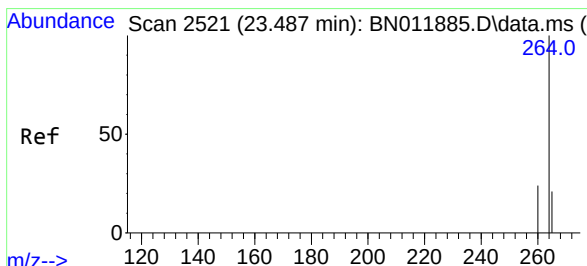
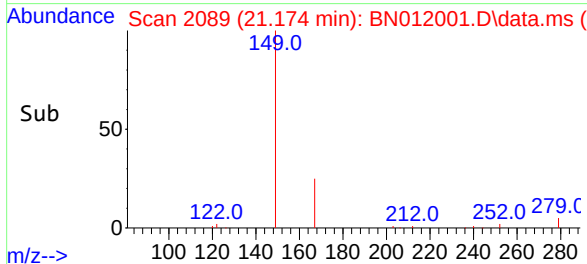
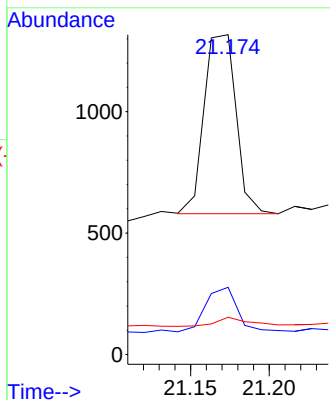
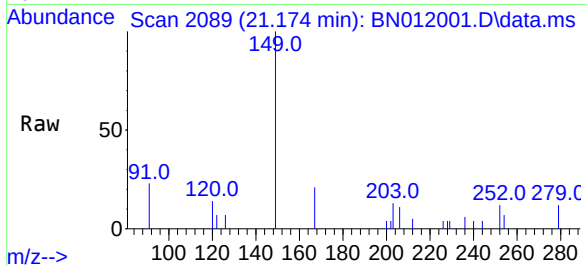




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.08 ng  
RT: 21.174 min Scan# 2089  
Delta R.T. 0.000 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200919

Tgt Ion:149 Resp: 1042  
Ion Ratio Lower Upper  
149 100  
167 24.6 23.6 35.4  
279 5.5 4.0 6.0



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.457 min Scan# 2512  
Delta R.T. -0.014 min  
Lab File: BN012001.D  
Acq: 29 Sep 2020 02:41

Tgt Ion:264 Resp: 6267  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 62.2 38.6 58.0#

