

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032321\  
 Data File : BN014058.D  
 Acq On : 24 Mar 2021 02:17  
 Operator : CG/JU  
 Sample : M1735-14  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT101D-20210316

Quant Time: Mar 24 02:59:42 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

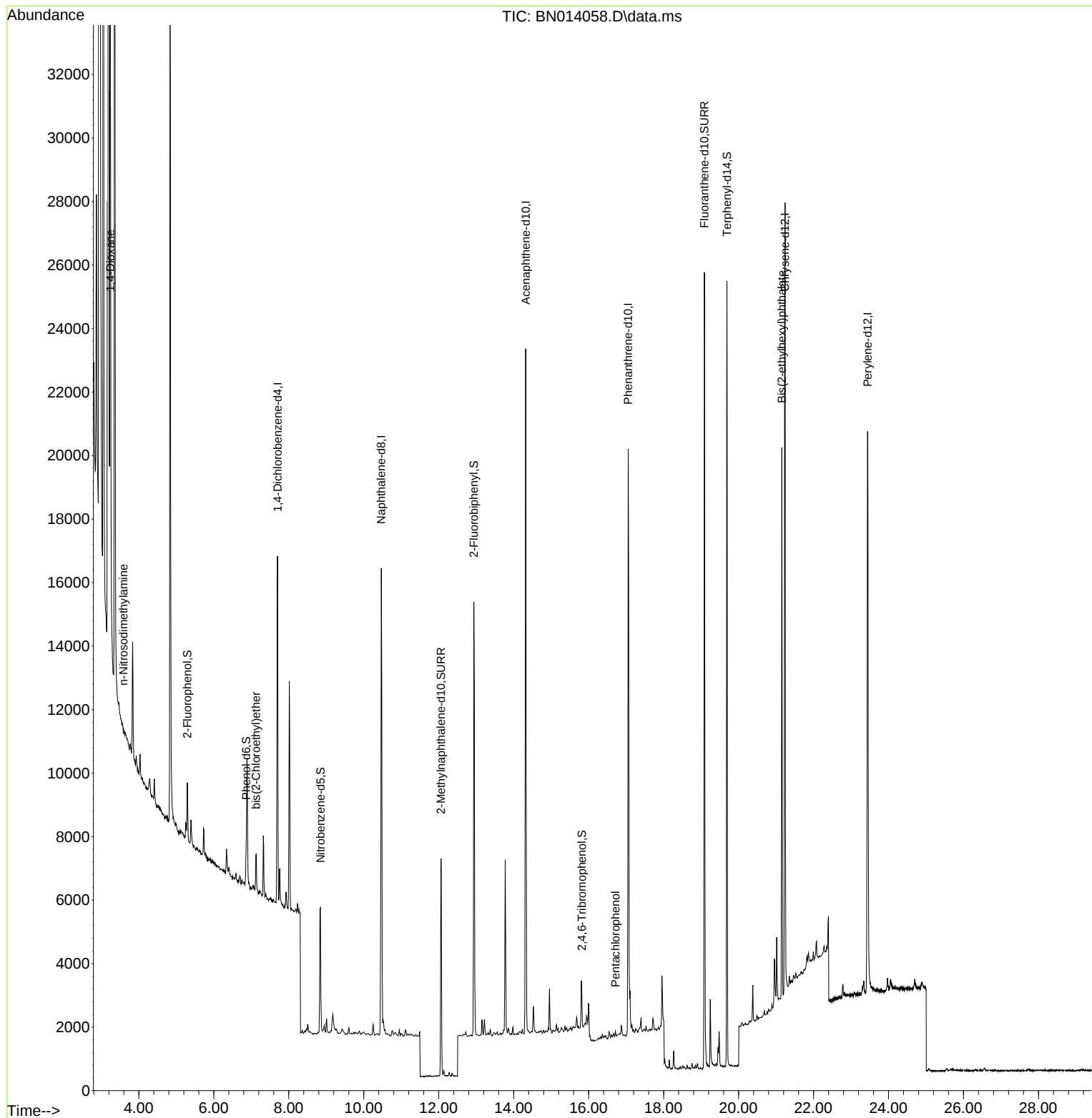
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|------|-------|-----------|
| -----                         |        |      |          |      |       |           |
| Internal Standards            |        |      |          |      |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.700  | 152  | 5124     | 0.40 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.467 | 136  | 19982    | 0.40 | ng    | #-0.01    |
| 13) Acenaphthene-d10          | 14.321 | 164  | 11792    | 0.40 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.055 | 188  | 26247    | 0.40 | ng    | -0.01     |
| 29) Chrysene-d12              | 21.239 | 240  | 25870    | 0.40 | ng    | # 0.00    |
| 36) Perylene-d12              | 23.441 | 264  | 23845    | 0.40 | ng    | # 0.00    |
| System Monitoring Compounds   |        |      |          |      |       |           |
| 4) 2-Fluorophenol             | 5.292  | 112  | 1330     | 0.11 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.863  | 99   | 949      | 0.06 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.845  | 82   | 3729     | 0.28 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.062 | 152  | 9308     | 0.30 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.818 | 330  | 1098     | 0.29 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 12783    | 0.29 | ng    | -0.01     |
| 27) Fluoranthene-d10          | 19.089 | 212  | 28224    | 0.39 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.690 | 244  | 24099    | 0.42 | ng    | 0.00      |
| Target Compounds              |        |      |          |      |       |           |
| 2) 1,4-Dioxane                | 3.239  | 88   | 27749    | 4.11 | ng    | Qvalue 96 |
| 3) n-Nitrosodimethylamine     | 3.593  | 42   | 109      | 0.02 | ng    | # 1       |
| 6) bis(2-Chloroethyl)ether    | 7.129  | 93   | 881      | 0.07 | ng    | 93        |
| 24) Pentachlorophenol         | 16.715 | 266  | 102      | 0.03 | ng    | 97        |
| 34) Bis(2-ethylhexyl)phtha... | 21.154 | 149  | 14668    | 0.53 | ng    | 99        |
| -----                         |        |      |          |      |       |           |

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

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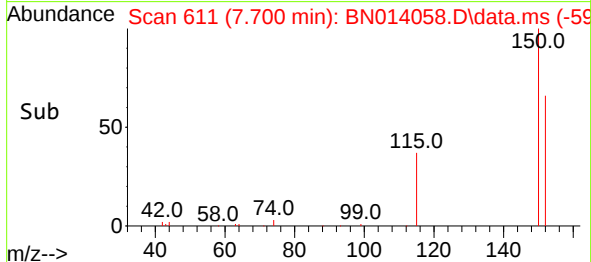
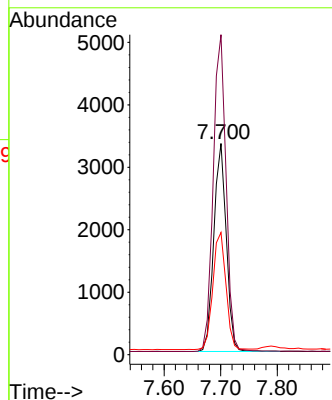
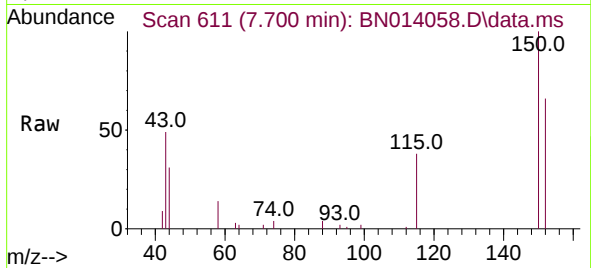




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.700 min Scan# 611  
 Delta R.T. 0.000 min  
 Lab File: BN014058.D  
 Acq: 24 Mar 2021 02:17

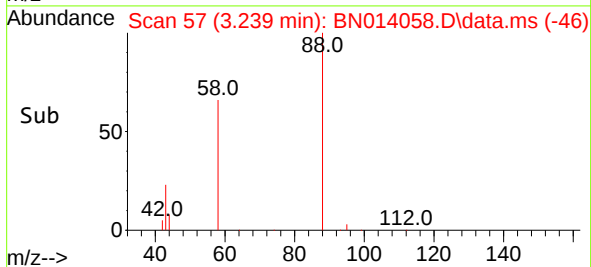
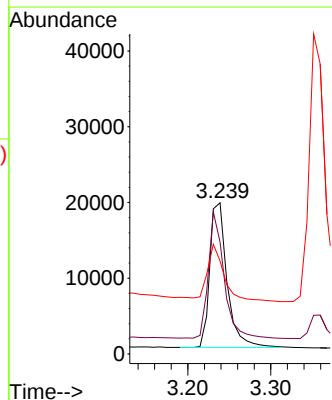
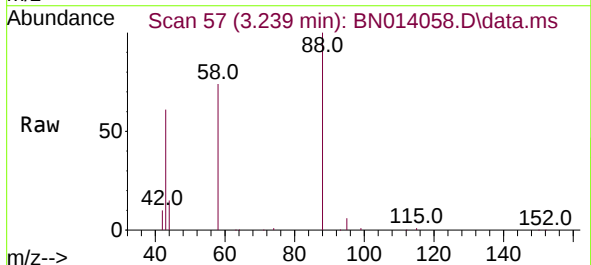
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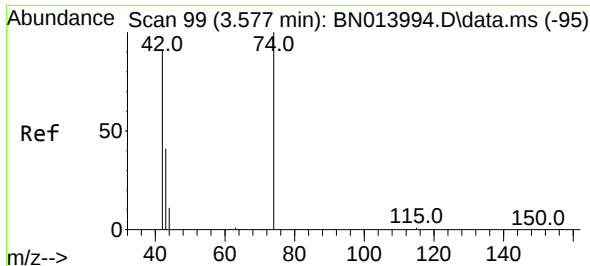
Tgt Ion: 152 Resp: 5124  
 Ion Ratio Lower Upper  
 152 100  
 150 151.5 121.8 182.8  
 115 57.9 46.6 69.8



#2  
 1,4-Dioxane  
 Concen: 4.11 ng  
 RT: 3.239 min Scan# 57  
 Delta R.T. -0.008 min  
 Lab File: BN014058.D  
 Acq: 24 Mar 2021 02:17

Tgt Ion: 88 Resp: 27749  
 Ion Ratio Lower Upper  
 88 100  
 58 78.8 64.6 96.8  
 43 38.5 26.6 40.0

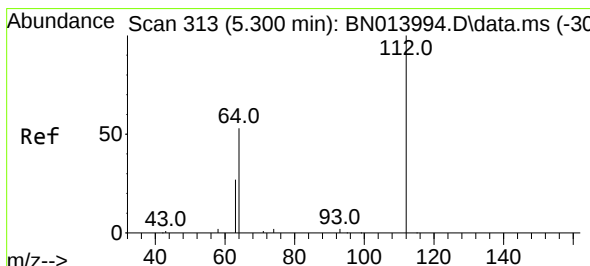
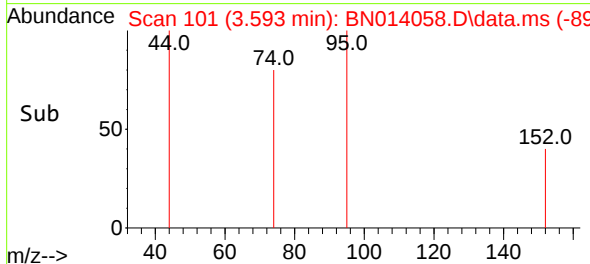
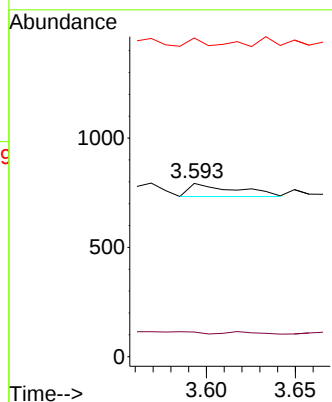
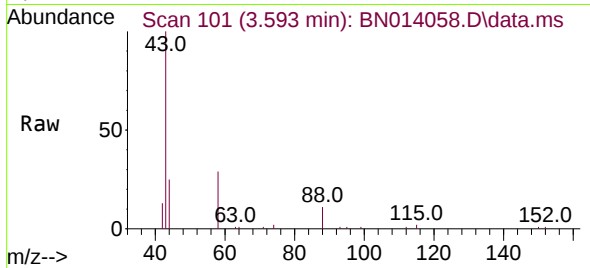




#3  
n-Nitrosodimethylamine  
Concen: 0.02 ng  
RT: 3.593 min Scan# 101  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

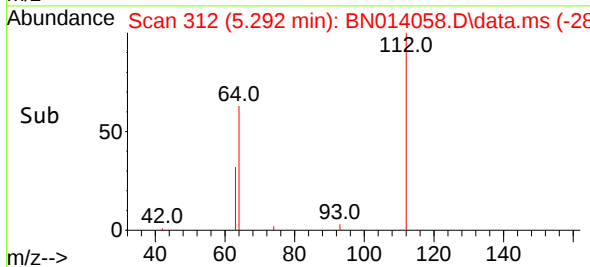
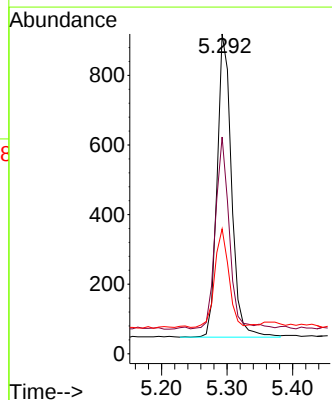
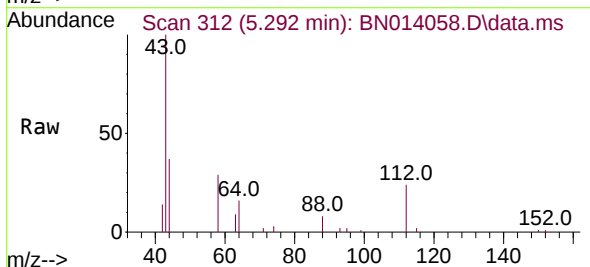
Instrument :  
BNA\_N  
ClientSampleId :  
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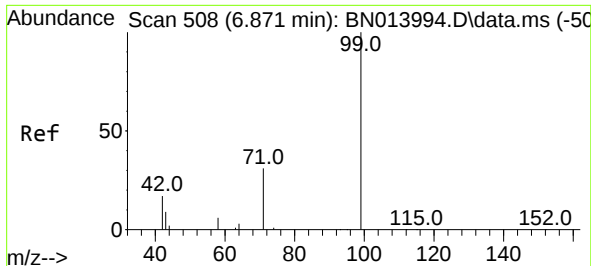
Tgt Ion: 42 Resp: 109  
Ion Ratio Lower Upper  
42 100  
74 0.0 95.0 142.6#  
44 22.0 5.8 8.8#



#4  
2-Fluorophenol  
Concen: 0.11 ng  
RT: 5.292 min Scan# 312  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

Tgt Ion: 112 Resp: 1330  
Ion Ratio Lower Upper  
112 100  
64 61.1 44.3 66.5  
63 31.7 23.0 34.6

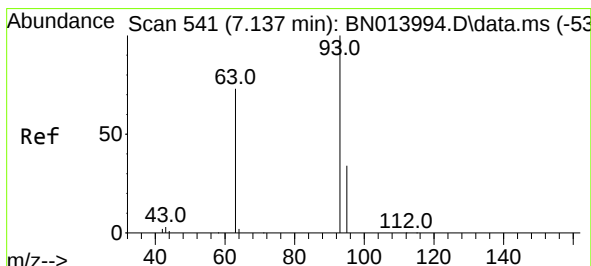
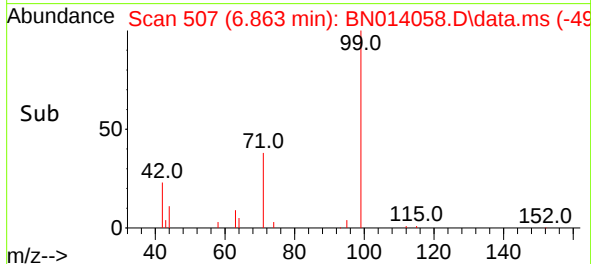
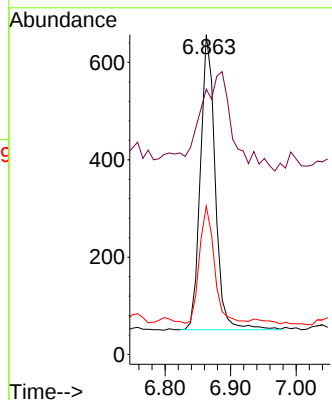
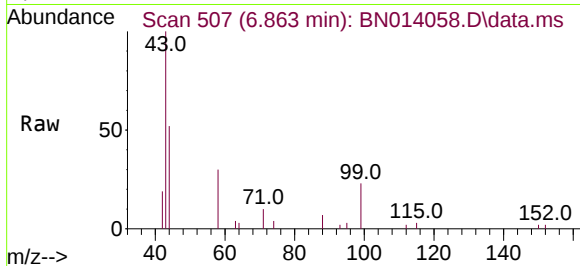




#5  
Phenol-d6  
Concen: 0.06 ng  
RT: 6.863 min Scan# 507  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

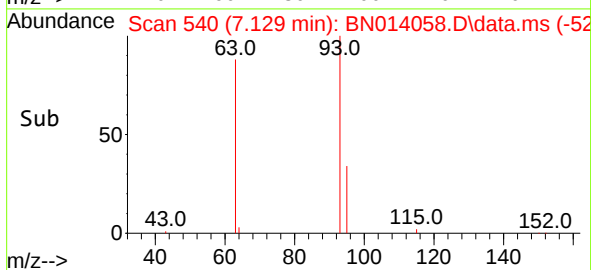
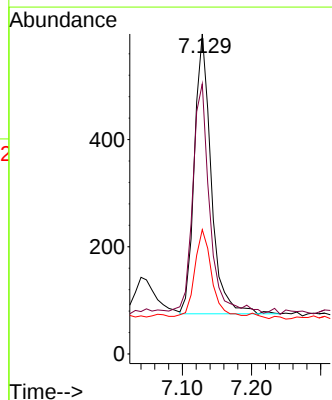
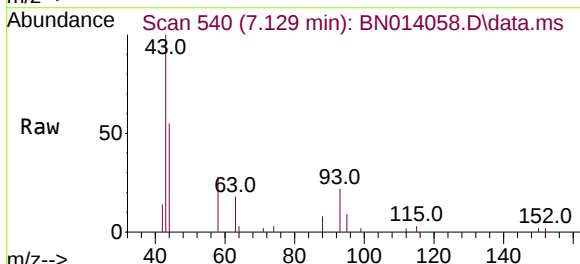
Instrument :  
BNA\_N  
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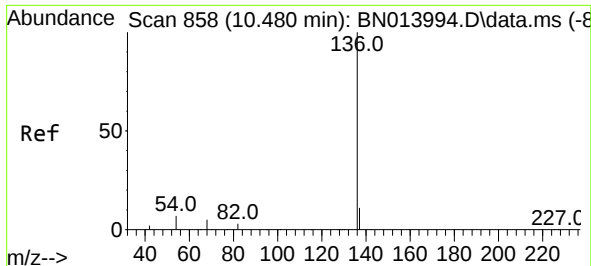
Tgt Ion: 99 Resp: 949  
Ion Ratio Lower Upper  
99 100  
42 0.0 15.2 22.8#  
71 40.7 26.1 39.1#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.07 ng  
RT: 7.129 min Scan# 540  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

Tgt Ion: 93 Resp: 881  
Ion Ratio Lower Upper  
93 100  
63 83.4 60.8 91.2  
95 30.6 26.0 39.0

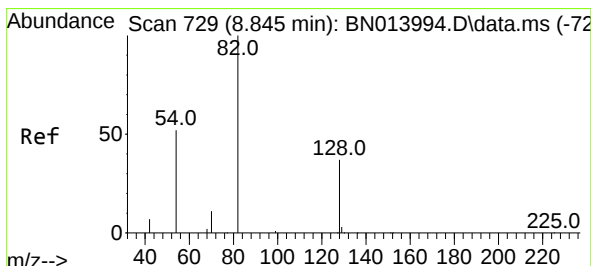
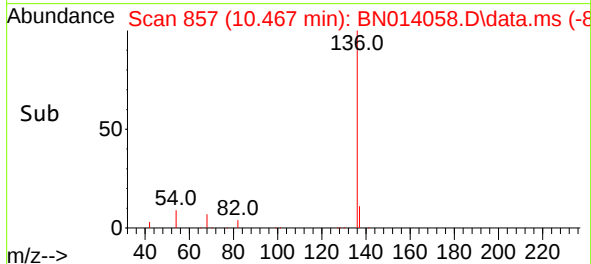
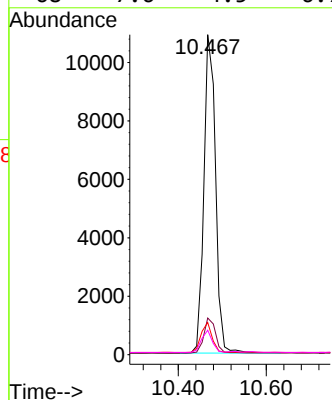
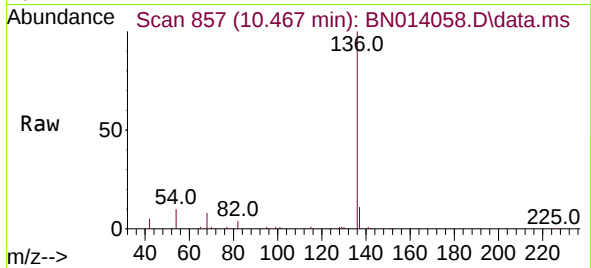




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.467 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

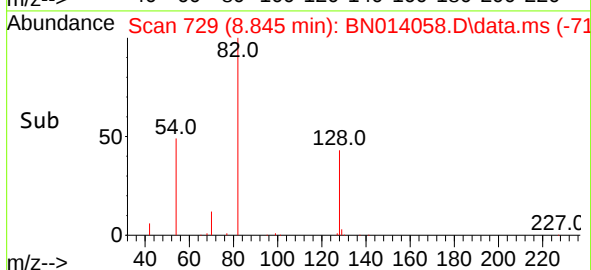
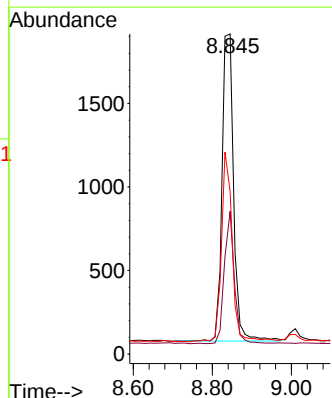
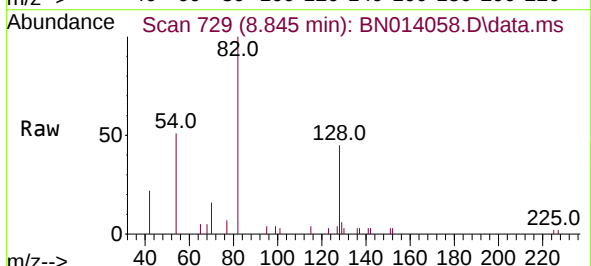
Instrument :  
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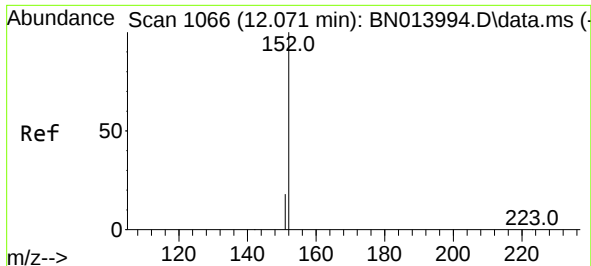
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19982 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.0   | 13.6  |
| 54        | 10.1  | 6.4   | 9.6#  |
| 68        | 7.6   | 4.5   | 6.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.28 ng  
RT: 8.845 min Scan# 729  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3729 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.6  | 39.2  | 58.8 |
| 54        | 50.8  | 40.1  | 60.1 |

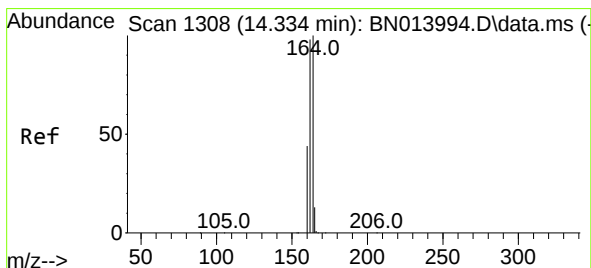
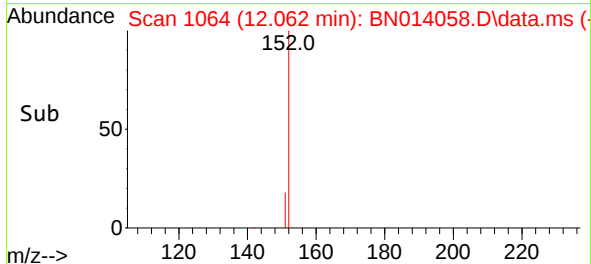
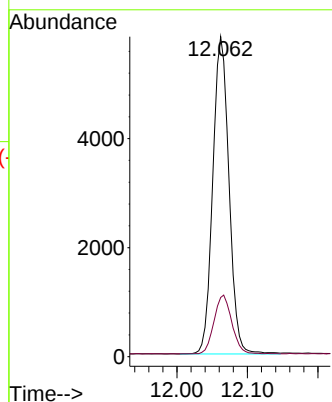
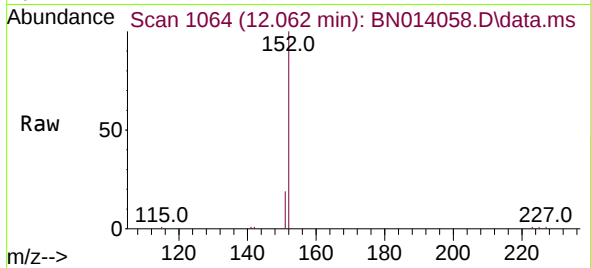




#11  
2-Methylnaphthalene-d10  
Concen: 0.30 ng  
RT: 12.062 min Scan# 1064  
Delta R.T. -0.004 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

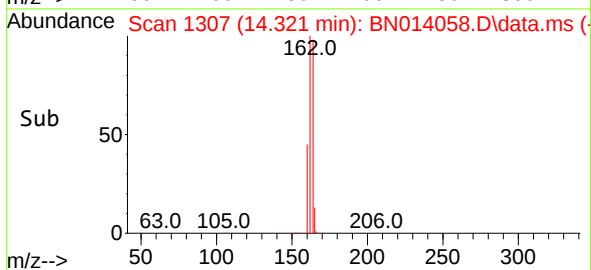
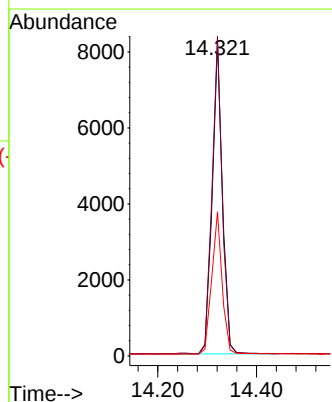
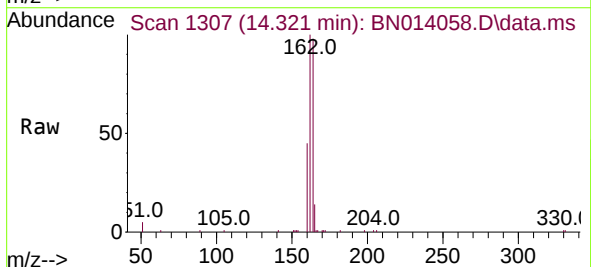
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ClientSampleId :  
TT101D-20210316

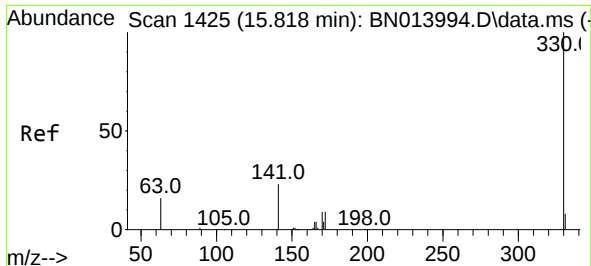
Tgt Ion:152 Resp: 9308  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

Tgt Ion:164 Resp: 11792  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.6 119.4  
160 45.8 36.0 54.0

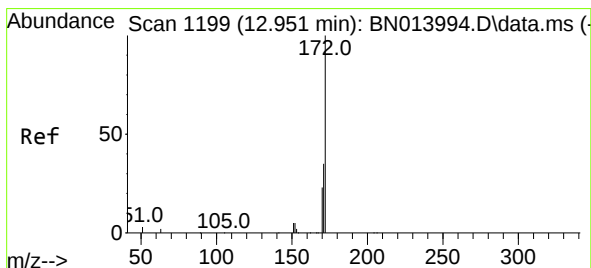
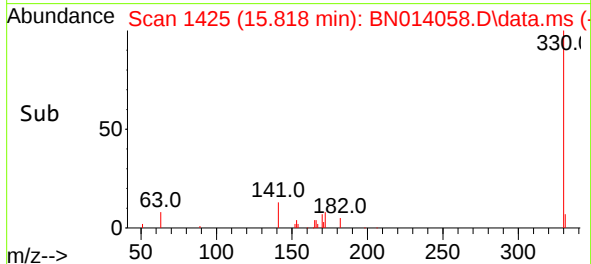
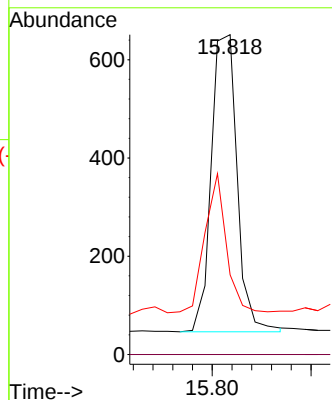
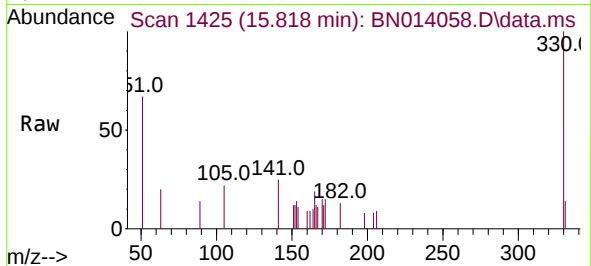




#14  
2,4,6-Tribromophenol  
Concen: 0.29 ng  
RT: 15.818 min Scan# 1425  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

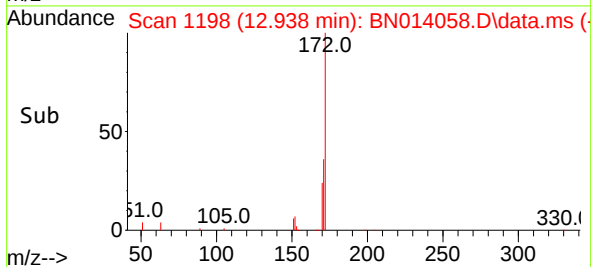
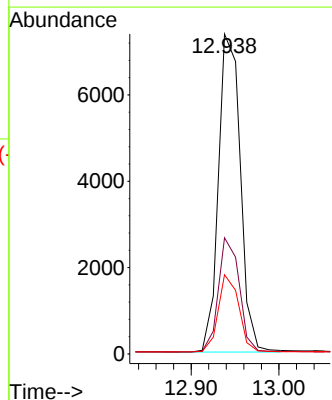
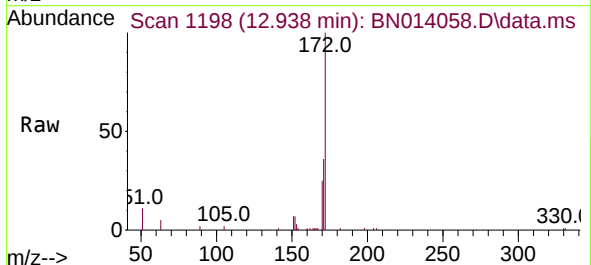
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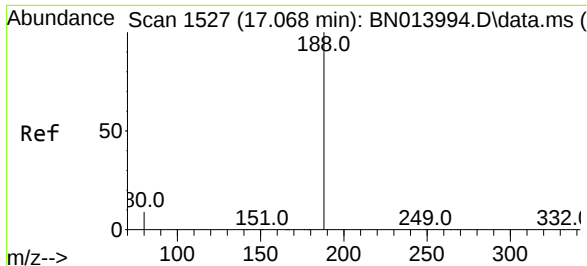
Tgt Ion: 330 Resp: 1098  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.8 26.8 40.2



#15  
2-Fluorobiphenyl  
Concen: 0.29 ng  
RT: 12.938 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

Tgt Ion: 172 Resp: 12783  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.6 42.8  
170 24.8 18.9 28.3

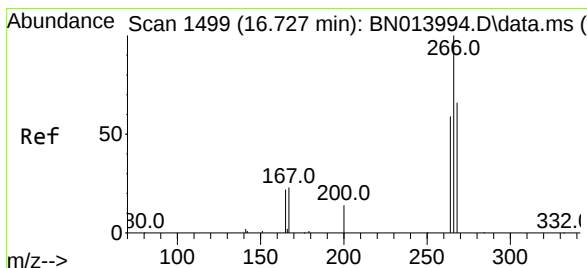
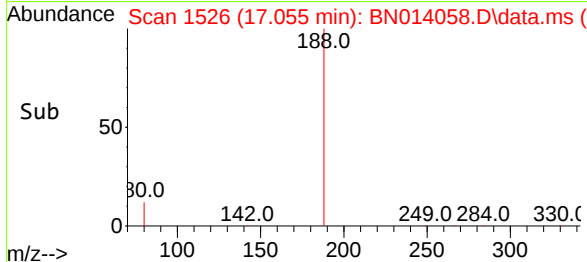
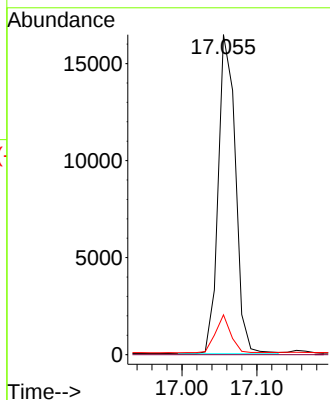
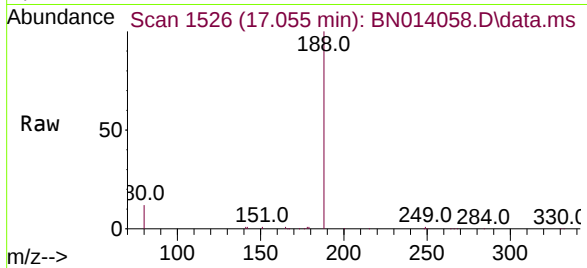




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.055 min Scan# 1526  
Delta R.T. -0.012 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

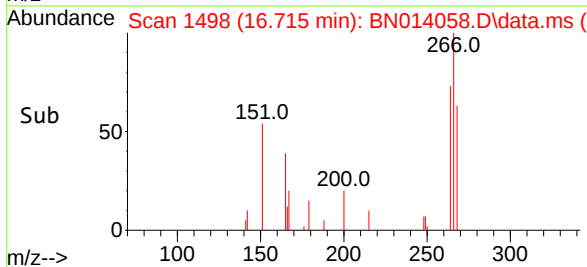
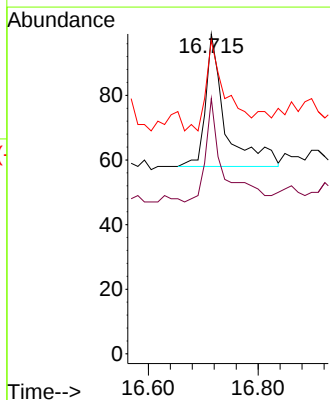
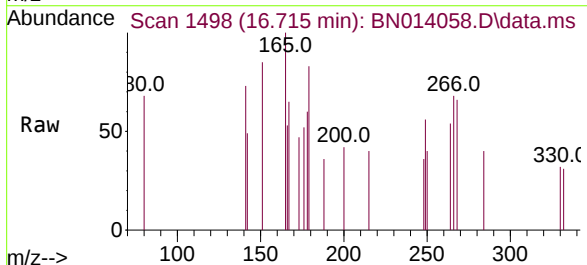
Instrument :  
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TT101D-20210316

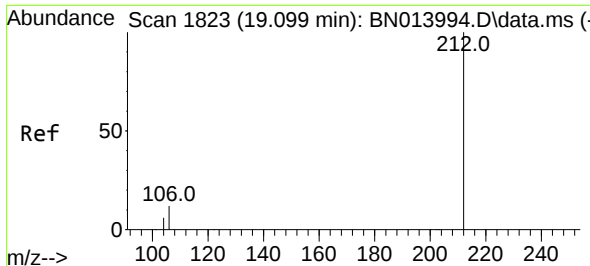
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 26247 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 12.5  | 9.0   |



#24  
Pentachlorophenol  
Concen: 0.03 ng  
RT: 16.715 min Scan# 1498  
Delta R.T. -0.012 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:266 | Resp: | 102   |
| Ion Ratio   | Lower | Upper |
| 266         | 100   |       |
| 264         | 69.6  | 51.6  |
| 268         | 68.6  | 54.6  |

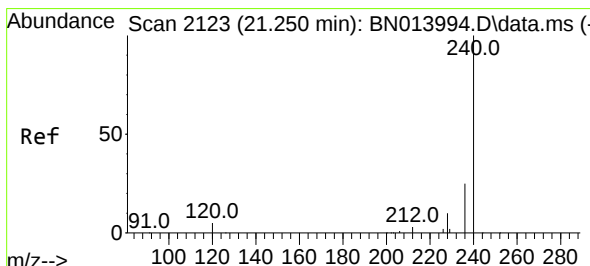
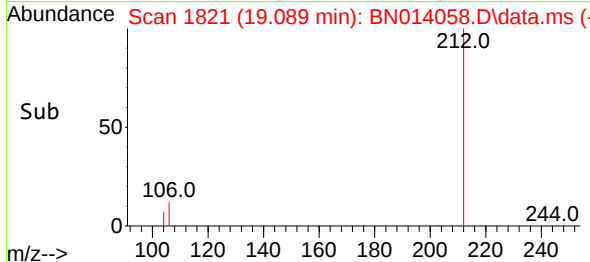
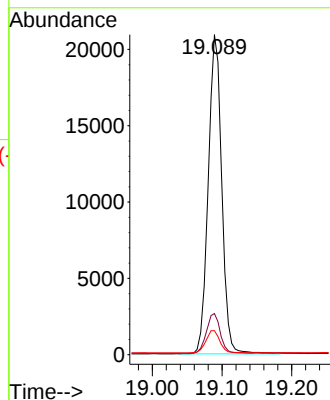
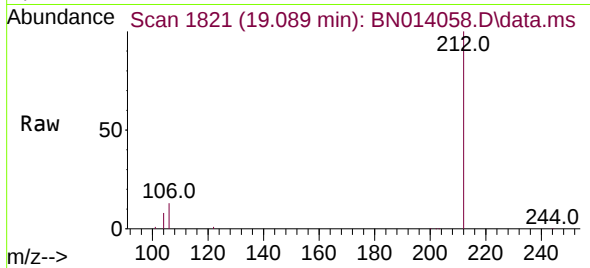




#27  
Fluoranthene-d10  
Concen: 0.39 ng  
RT: 19.089 min Scan# 1821  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

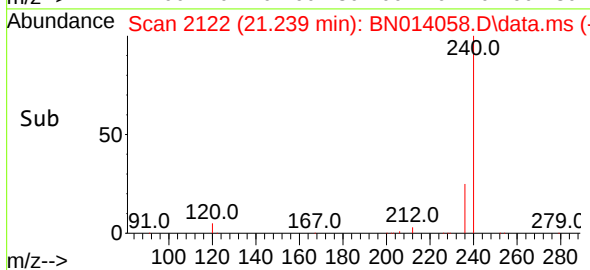
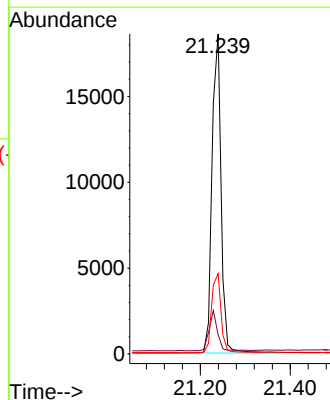
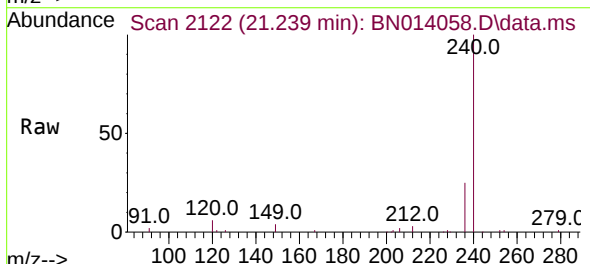
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20210316

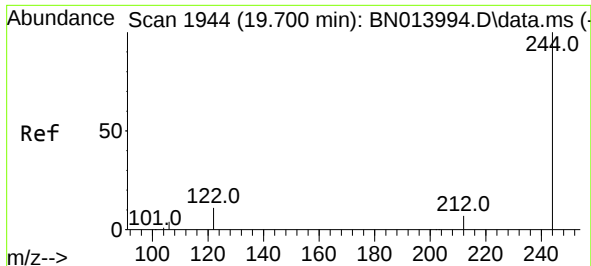
Tgt Ion:212 Resp: 28224  
Ion Ratio Lower Upper  
212 100  
106 12.8 9.7 14.5  
104 7.3 5.5 8.3



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.239 min Scan# 2122  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

Tgt Ion:240 Resp: 25870  
Ion Ratio Lower Upper  
240 100  
120 6.0 10.2 15.4#  
236 25.1 21.3 31.9

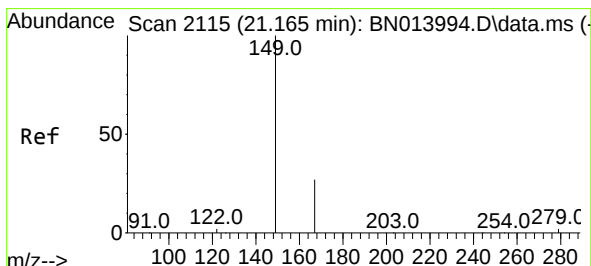
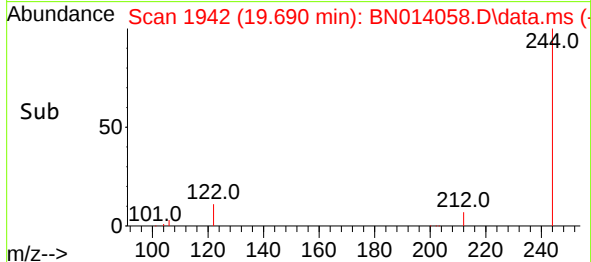
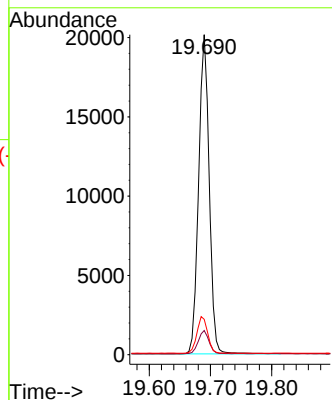
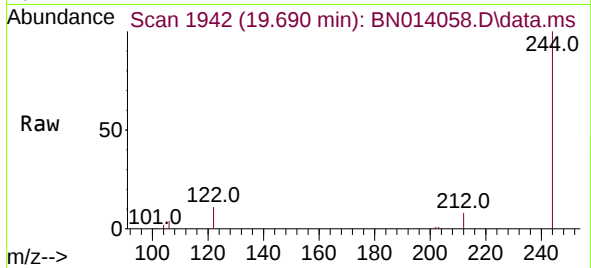




#31  
Terphenyl-d14  
Concen: 0.42 ng  
RT: 19.690 min Scan# 1942  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

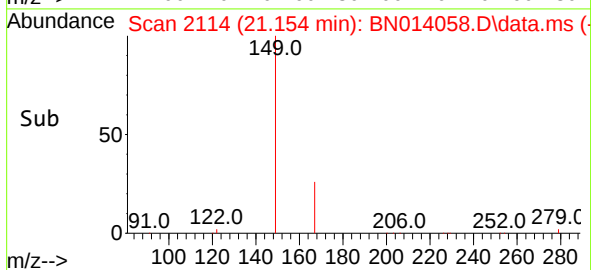
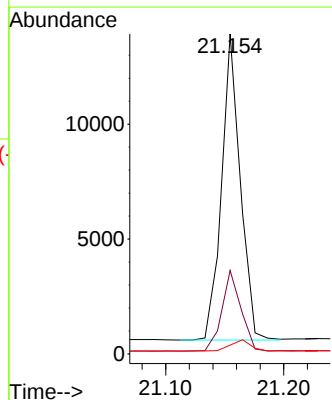
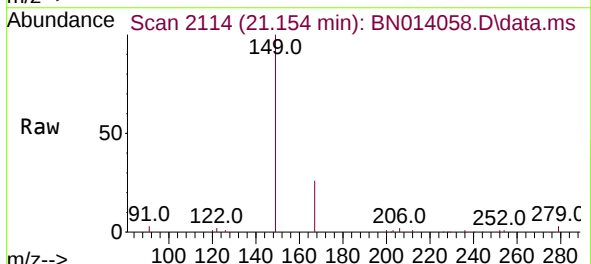
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20210316

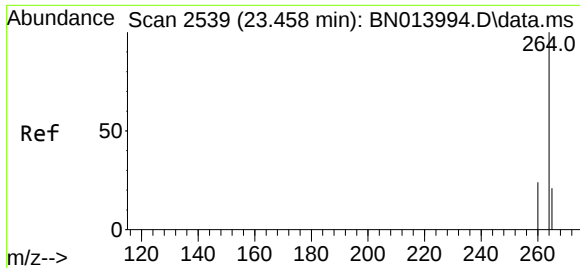
Tgt Ion:244 Resp: 24099  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 11.1 9.8 14.8



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.53 ng  
RT: 21.154 min Scan# 2114  
Delta R.T. 0.001 min  
Lab File: BN014058.D  
Acq: 24 Mar 2021 02:17

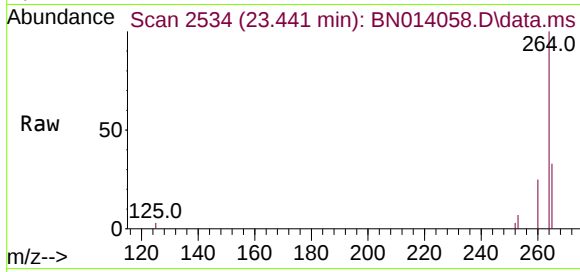
Tgt Ion:149 Resp: 14668  
Ion Ratio Lower Upper  
149 100  
167 27.0 22.1 33.1  
279 4.0 3.5 5.3





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.441 min Scan# 2534  
 Delta R.T. -0.006 min  
 Lab File: BN014058.D  
 Acq: 24 Mar 2021 02:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT101D-20210316



Tgt Ion:264 Resp: 23845  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.3 28.9  
 265 33.0 66.2 99.4#

