

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092220\  
 Data File : BN011864.D  
 Acq On : 22 Sep 2020 22:08  
 Operator : CG/JU  
 Sample : L4082-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE139D1-20200915

Quant Time: Sep 23 07:30:38 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 14:36:55 2020  
 Response via : Initial Calibration

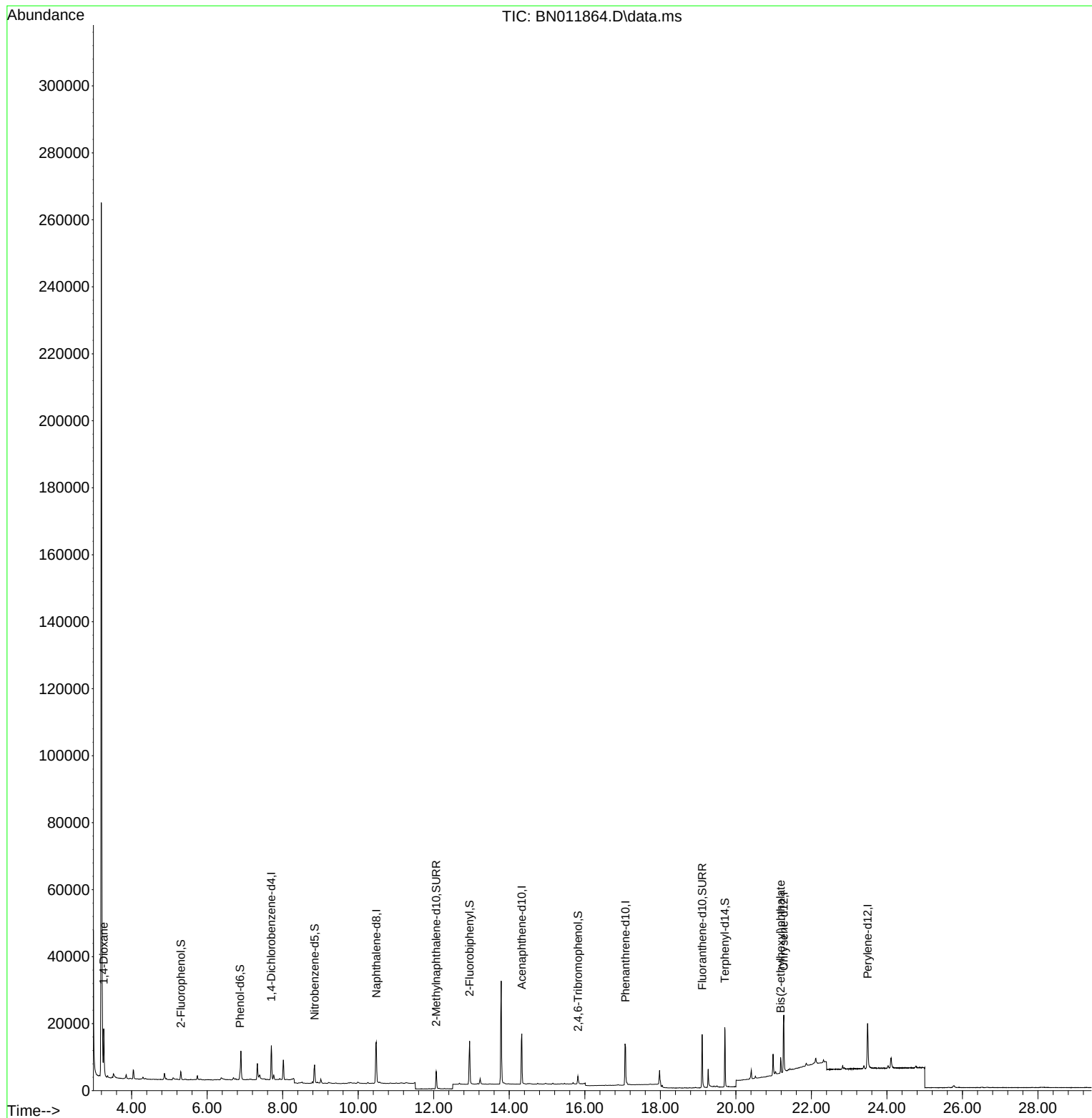
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.699  | 152  | 4432     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.478 | 136  | 18618    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.332 | 164  | 9742     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.078 | 188  | 19586    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.269 | 240  | 18635    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.487 | 264  | 19420    | 0.40 | ng    | # 0.00   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.307  | 112  | 1827     | 0.14 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.870  | 99   | 1336     | 0.08 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.843  | 82   | 4932     | 0.26 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.064 | 152  | 7631     | 0.23 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.816 | 330  | 1629     | 0.33 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.949 | 172  | 11145    | 0.26 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.107 | 212  | 17888    | 0.29 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.708 | 244  | 17819    | 0.42 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.262  | 88   | 7448     | 1.13 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149  | 4655     | 0.14 | ng    | 91       |
| -----                         |        |      |          |      |       |          |

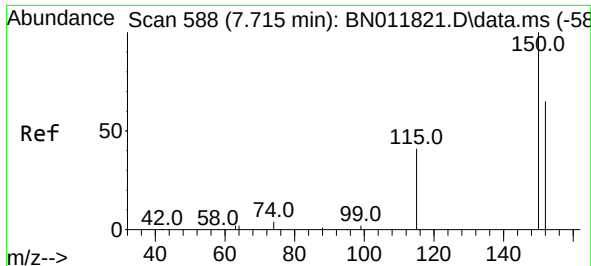
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092220\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091720.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 22 14:36:55 2020  
Response via : Initial Calibration

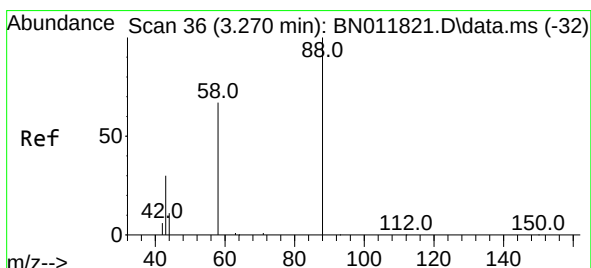
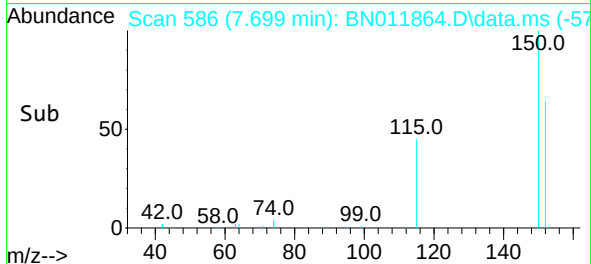
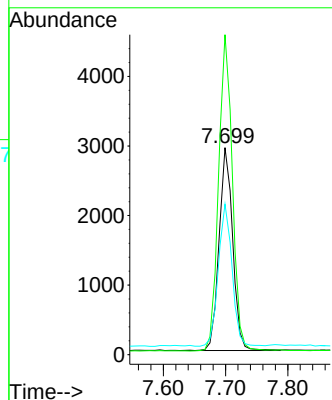
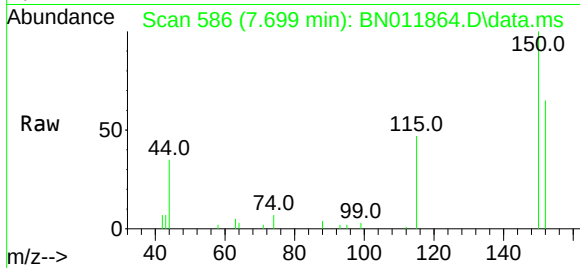




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.699 min Scan# 586  
 Delta R.T. 0.000 min  
 Lab File: BN011864.D  
 Acq: 22 Sep 2020 22:08

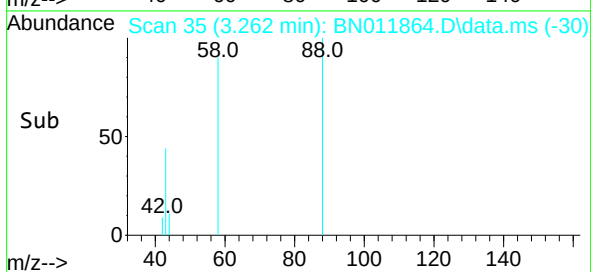
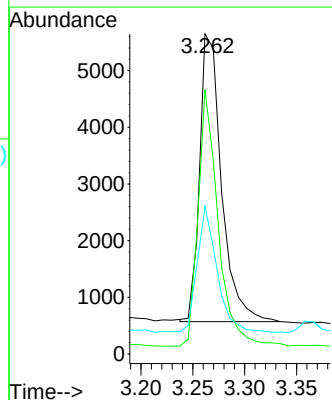
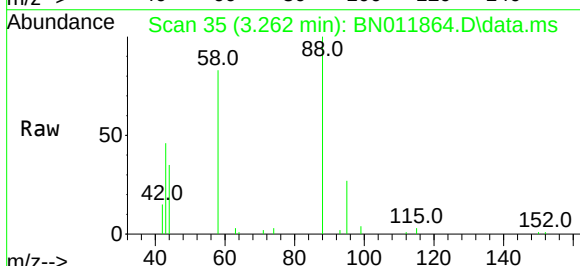
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 RE139D1-20200915

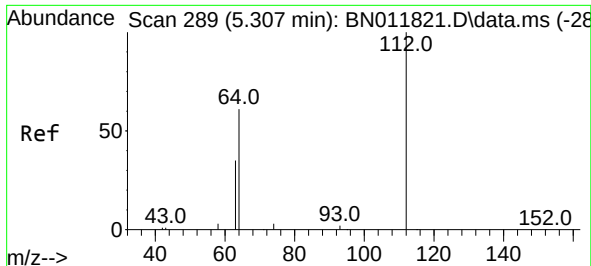
Tgt Ion:152 Resp: 4432  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 118.3 177.5  
 115 72.7 51.3 76.9



#2  
 1,4-Dioxane  
 Concen: 1.13 ng  
 RT: 3.262 min Scan# 35  
 Delta R.T. -0.008 min  
 Lab File: BN011864.D  
 Acq: 22 Sep 2020 22:08

Tgt Ion: 88 Resp: 7448  
 Ion Ratio Lower Upper  
 88 100  
 58 81.4 63.3 94.9  
 43 39.5 33.0 49.4

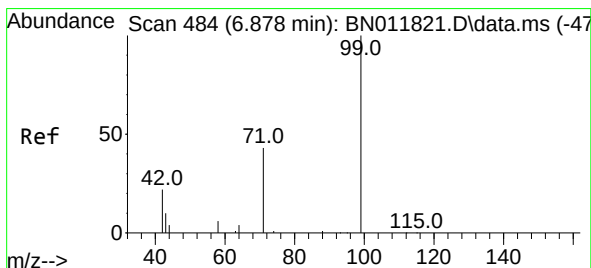
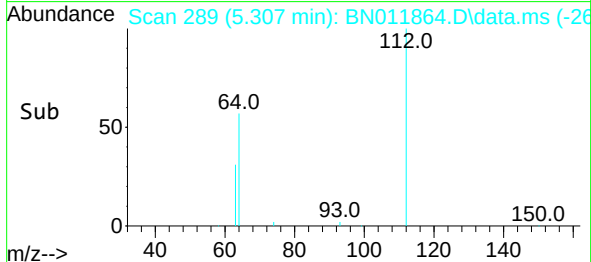
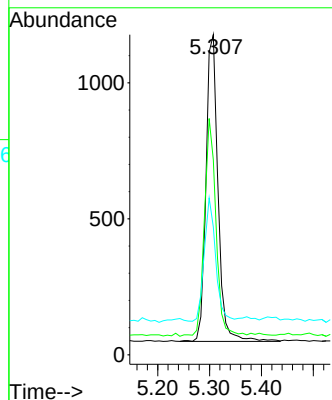
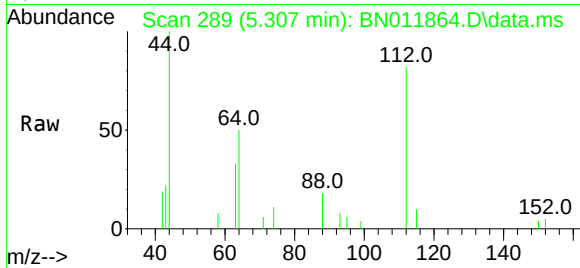




#4  
2-Fluorophenol  
Concen: 0.14 ng  
RT: 5.307 min Scan# 289  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

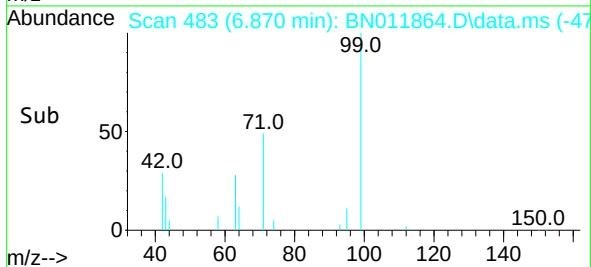
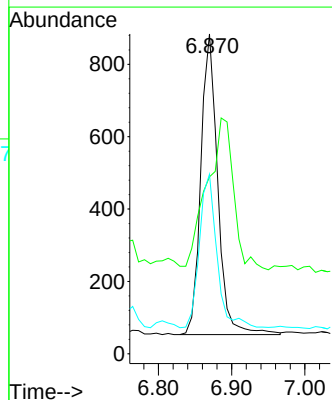
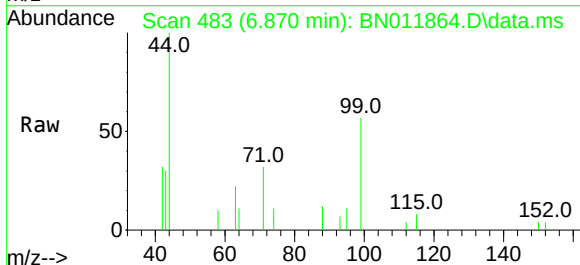
Instrument :  
BNA\_N  
ClientSampleId :  
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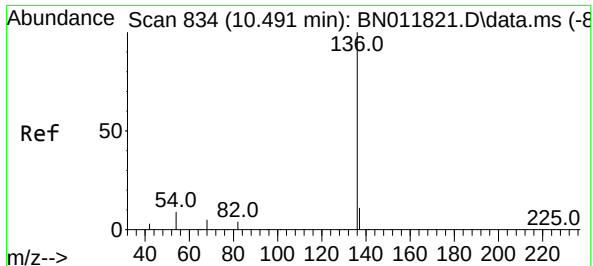
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1827  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 66.1  | 49.0  | 73.6  |
| 63       | 38.0  | 31.8  | 47.6  |



#5  
Phenol-d6  
Concen: 0.08 ng  
RT: 6.870 min Scan# 483  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1336  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 79.0  | 23.4  | 35.0# |
| 71       | 52.8  | 38.1  | 57.1  |

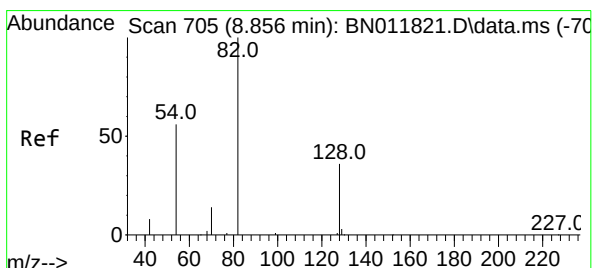
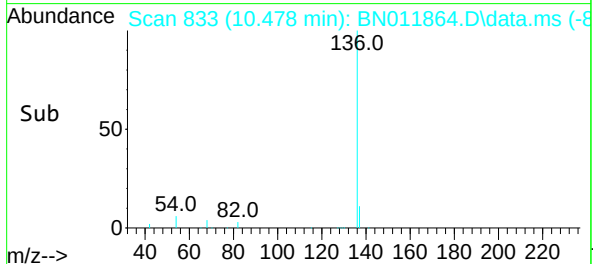
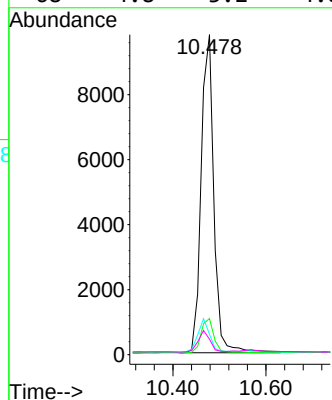
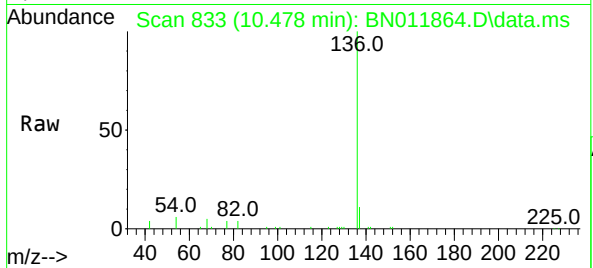




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.478 min Scan# 833  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

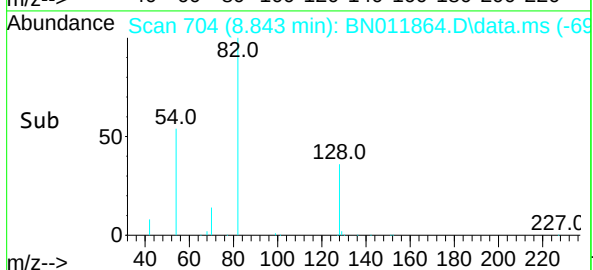
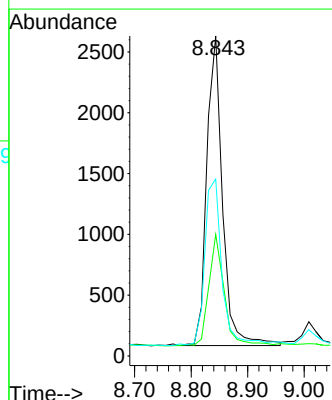
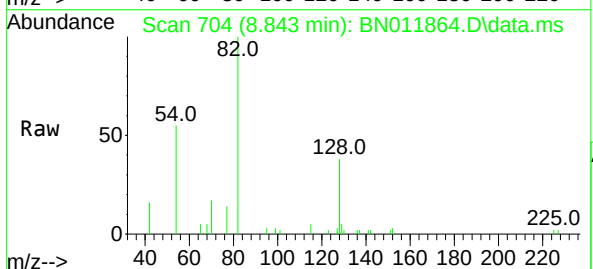
Instrument :  
BNA\_N  
ClientSampleId :  
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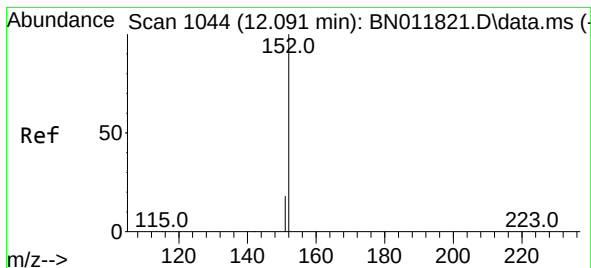
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 18618    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 9.5 14.3 |
| 54          | 6.4   | 5.6 8.4  |
| 68          | 4.8   | 3.2 4.8# |



#8  
Nitrobenzene-d5  
Concen: 0.26 ng  
RT: 8.843 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 4932      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 38.0  | 34.2 51.2 |
| 54          | 55.3  | 43.1 64.7 |

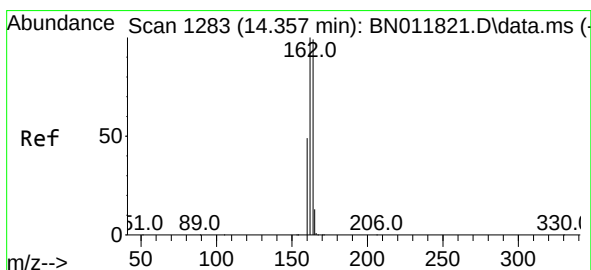
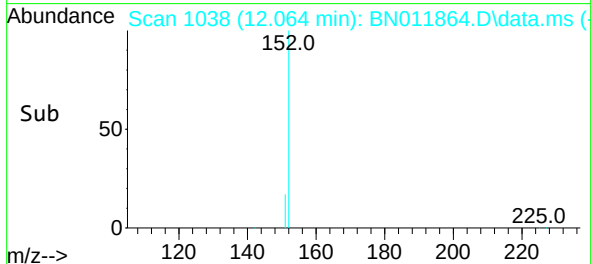
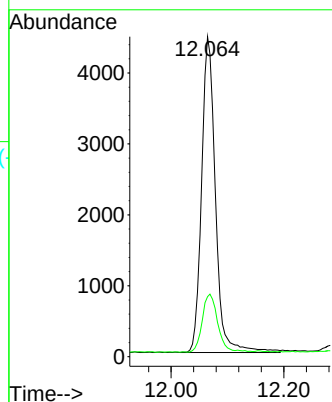
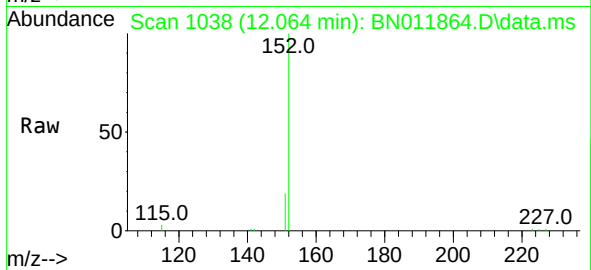




#11  
2-Methylnaphthalene-d10  
Concen: 0.23 ng  
RT: 12.064 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

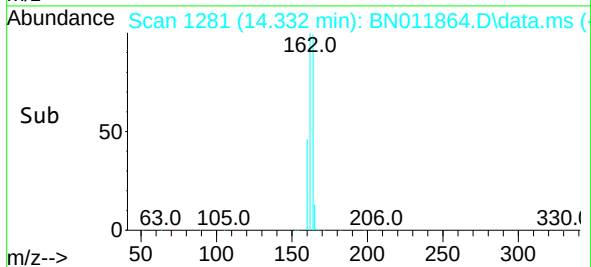
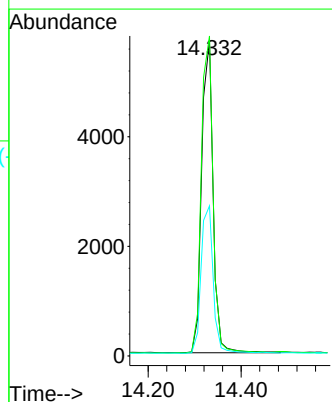
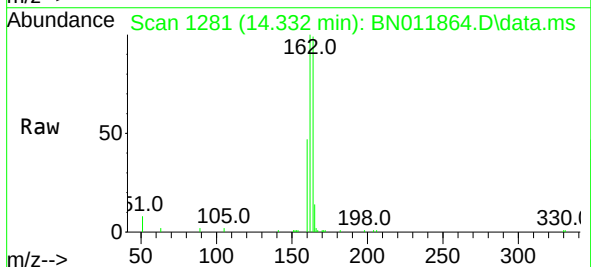
Instrument :  
BNA\_N  
ClientSampleId :  
RE139D1-20200915

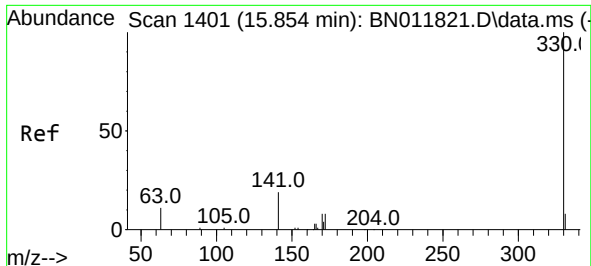
Tgt Ion:152 Resp: 7631  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.332 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

Tgt Ion:164 Resp: 9742  
Ion Ratio Lower Upper  
164 100  
162 101.2 83.6 125.4  
160 47.5 41.2 61.8

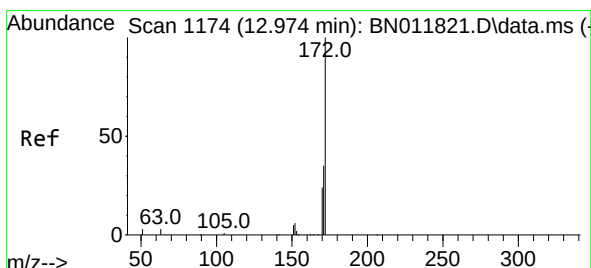
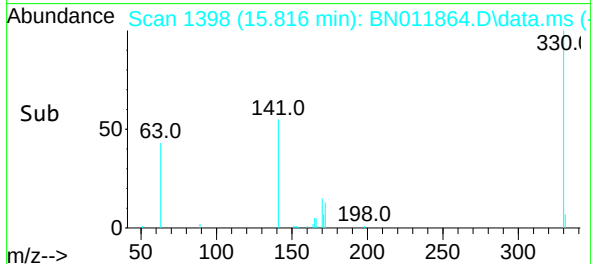
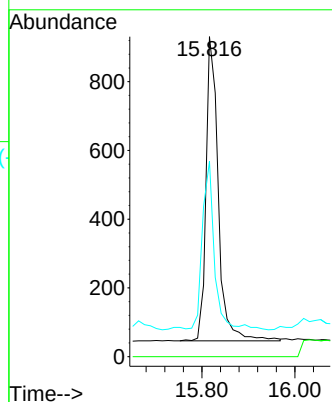
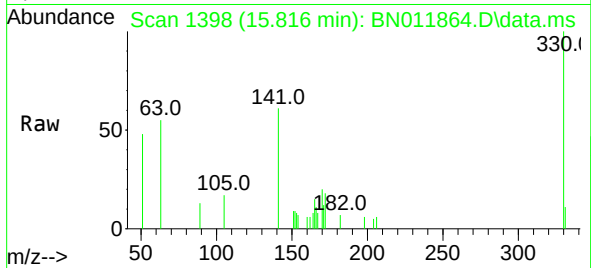




#14  
2,4,6-Tribromophenol  
Concen: 0.33 ng  
RT: 15.816 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

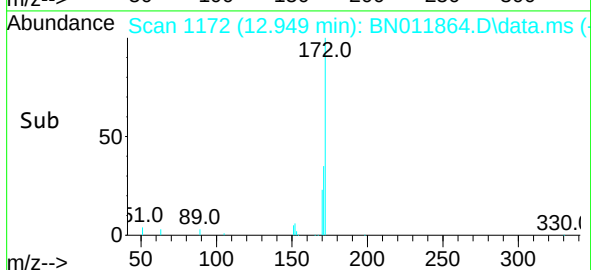
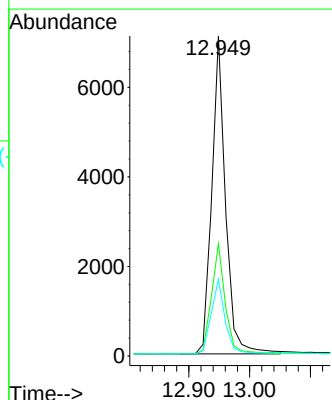
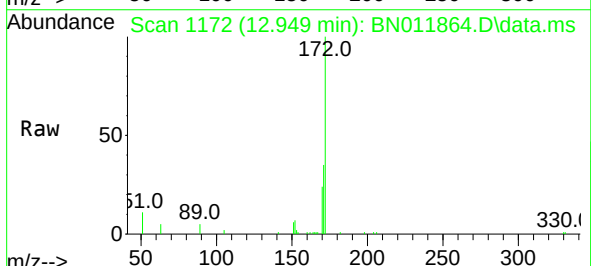
Instrument :  
BNA\_N  
ClientSampleId :  
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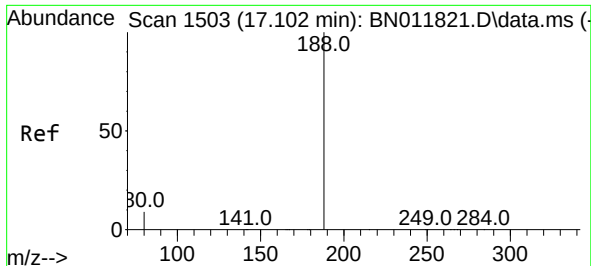
Tgt Ion:330 Resp: 1629  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 54.8 33.7 50.5#



#15  
2-Fluorobiphenyl  
Concen: 0.26 ng  
RT: 12.949 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

Tgt Ion:172 Resp: 11145  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.4 41.2  
170 24.0 17.8 26.6

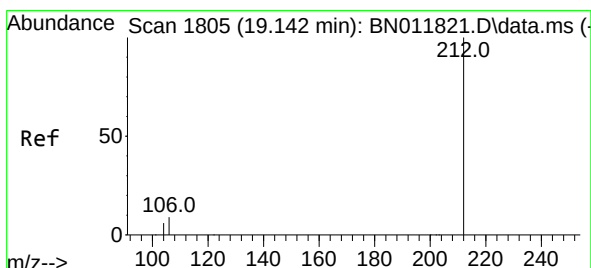
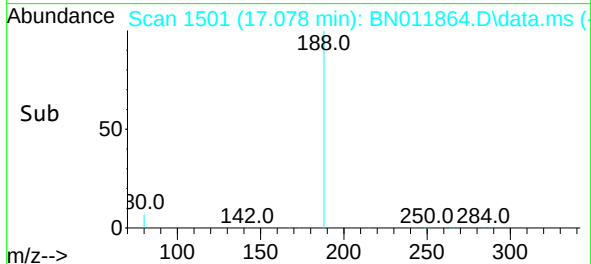
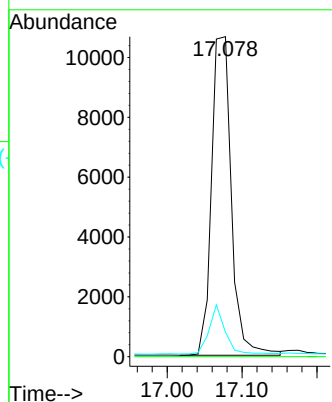
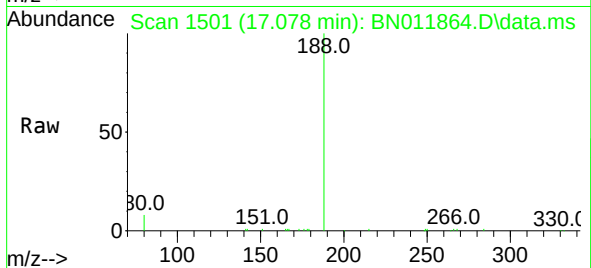




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.078 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

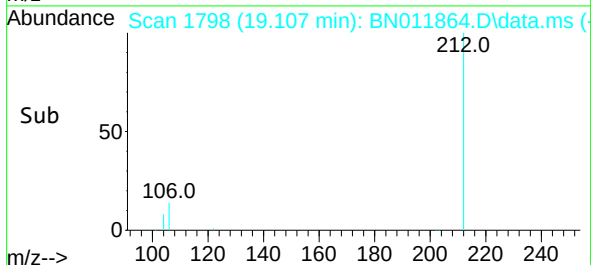
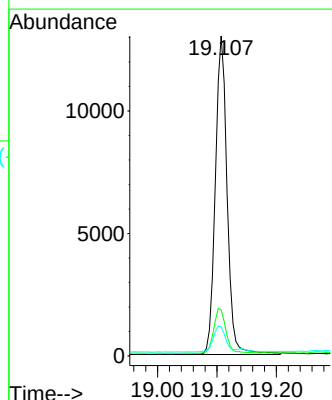
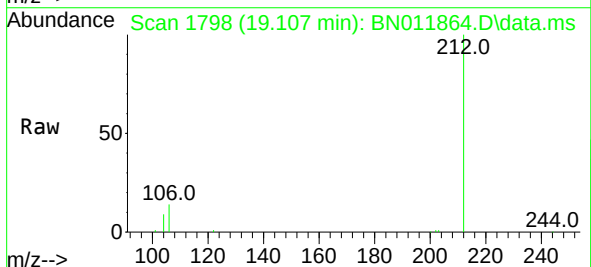
Instrument :  
BNA\_N  
ClientSampleId :  
RE139D1-20200915

Tgt Ion:188 Resp: 19586  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.7 7.7 11.5#

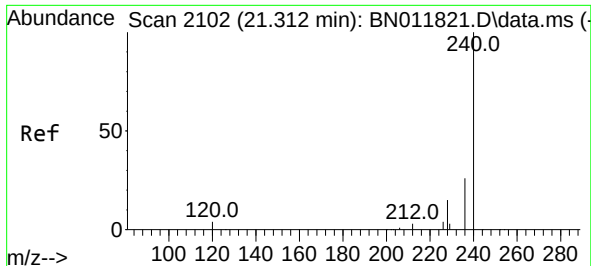


#27  
Fluoranthene-d10  
Concen: 0.29 ng  
RT: 19.107 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BN011864.D  
Acq: 22 Sep 2020 22:08

Tgt Ion:212 Resp: 17888  
Ion Ratio Lower Upper  
212 100  
106 14.6 6.4 9.6#  
104 8.5 3.9 5.9#







#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.269 min Scan# 2098

Delta R.T. 0.000 min

Lab File: BN011864.D

Acq: 22 Sep 2020 22:08

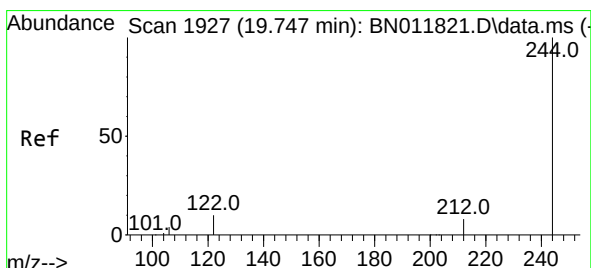
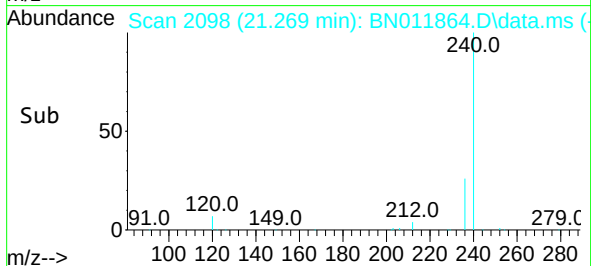
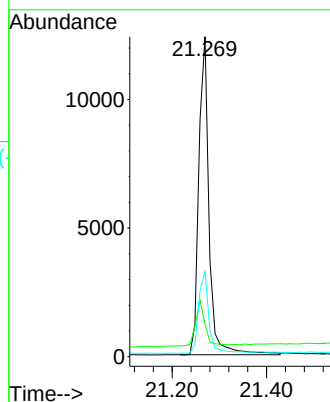
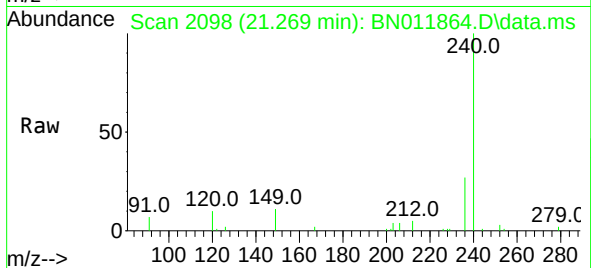
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 18635 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 10.1  | 3.5   | 5.3#  |
| 236       | 26.6  | 20.5  | 30.7  |

Instrument :

BNA\_N

ClientSampleId :

RE139D1-20200915



#31

Terphenyl-d14

Concen: 0.42 ng

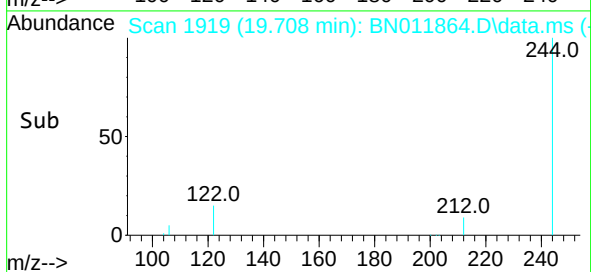
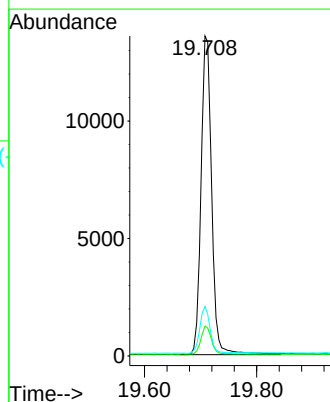
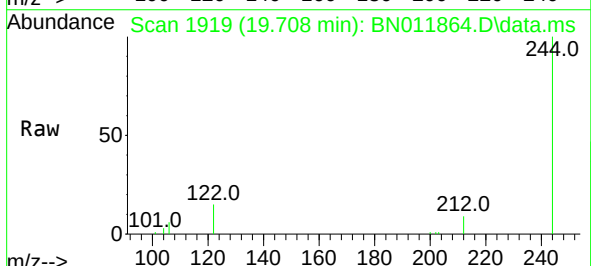
RT: 19.708 min Scan# 1919

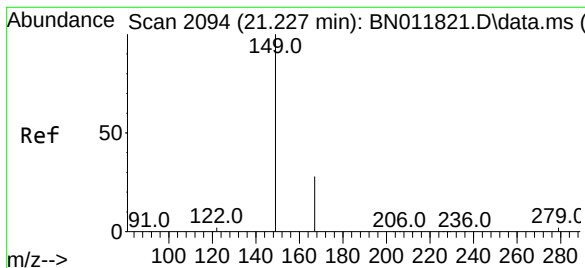
Delta R.T. -0.005 min

Lab File: BN011864.D

Acq: 22 Sep 2020 22:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 17819 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 9.3   | 7.3   | 10.9  |
| 122       | 15.4  | 7.8   | 11.6# |

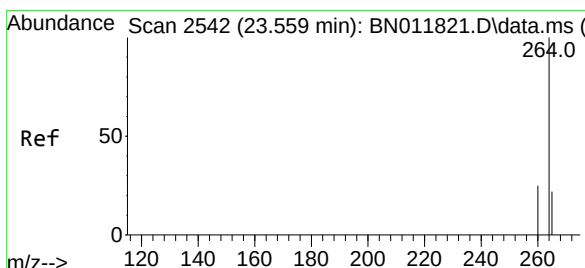
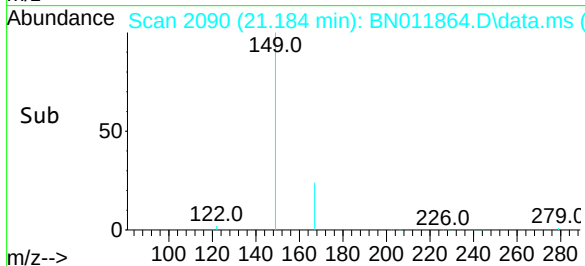
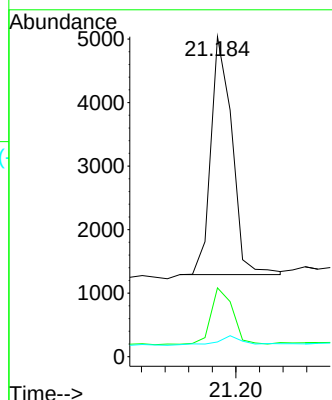
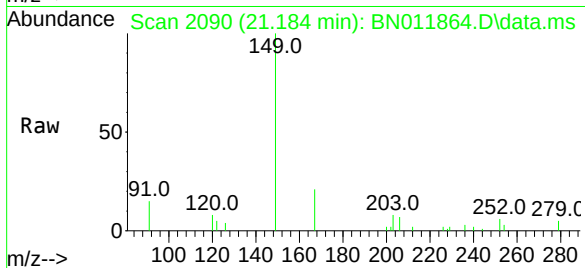




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.14 ng  
 RT: 21.184 min Scan# 2090  
 Delta R.T. 0.000 min  
 Lab File: BN011864.D  
 Acq: 22 Sep 2020 22:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE139D1-20200915

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 4655 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 24.1  | 23.6  | 35.4 |
| 279       | 4.3   | 4.0   | 6.0  |



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.487 min Scan# 2521  
 Delta R.T. -0.003 min  
 Lab File: BN011864.D  
 Acq: 22 Sep 2020 22:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 19420 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 24.0  | 19.6  | 29.4  |
| 265       | 61.1  | 38.6  | 58.0# |

