

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092820\  
 Data File : BN011981.D  
 Acq On : 28 Sep 2020 12:04  
 Operator : CG/JU  
 Sample : L4118-18  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D1-20200921

Quant Time: Sep 28 14:16:45 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

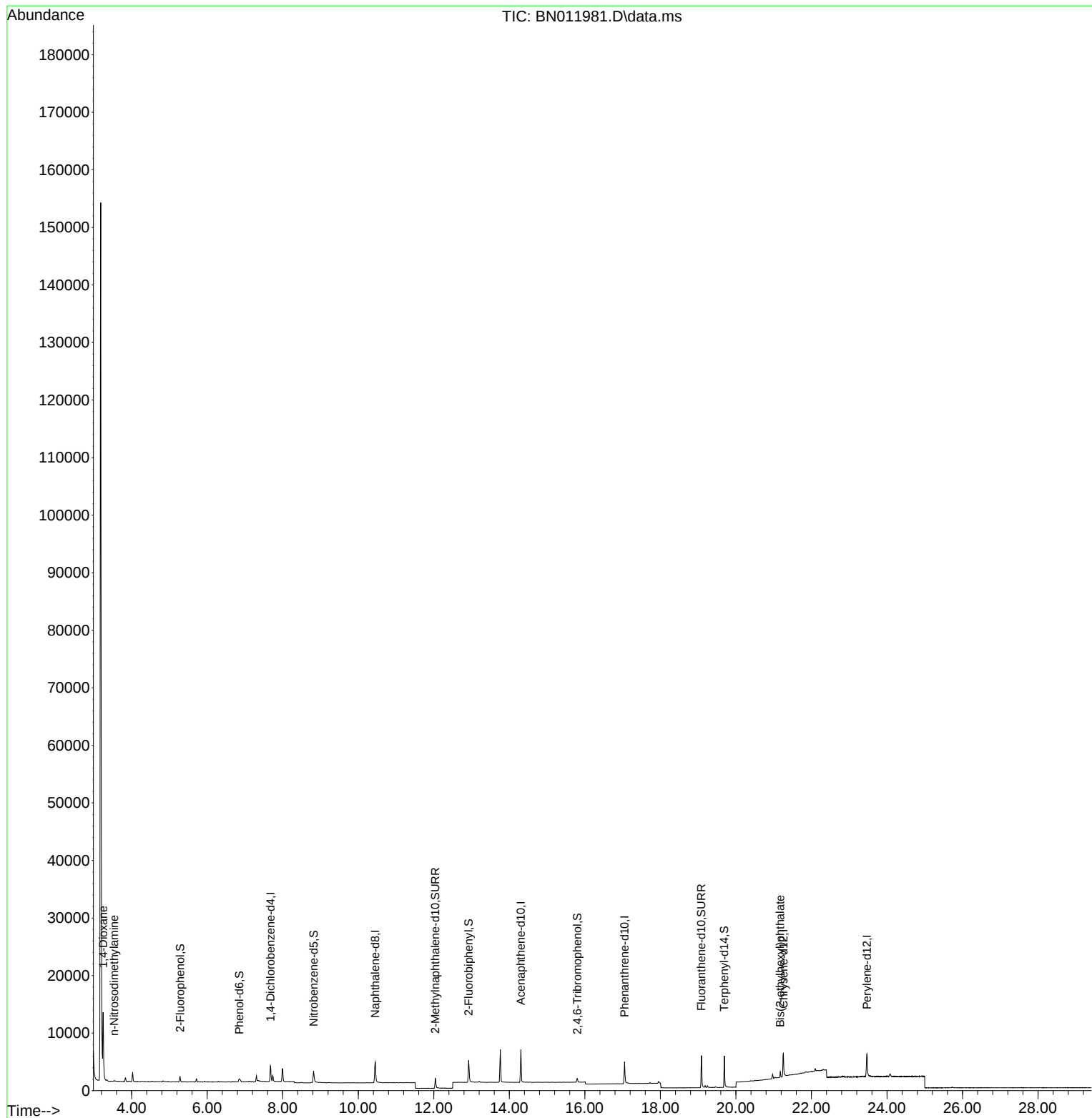
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.675  | 152  | 1294     | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.453 | 136  | 5665     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.306 | 164  | 3161     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.053 | 188  | 6199     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.259 | 240  | 5488     | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.467 | 264  | 5695     | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.283  | 112  | 631      | 0.14 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.853  | 99   | 412      | 0.07 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.818  | 82   | 2049     | 0.35 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.042 | 152  | 2904     | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 572      | 0.37 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.923 | 172  | 3701     | 0.31 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.087 | 212  | 6954     | 0.38 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.693 | 244  | 5956     | 0.48 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.245  | 88   | 5897     | 2.62 | ng    | # 86     |
| 3) n-Nitrosodimethylamine     | 3.535  | 42   | 72       | 0.02 | ng    | # 5      |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149  | 993      | 0.08 | ng    | 91       |
| -----                         |        |      |          |      |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092820\  
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Sample : L4118-18  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Quant Time: Sep 28 14:16:45 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
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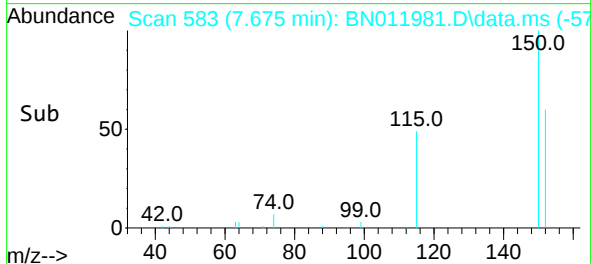
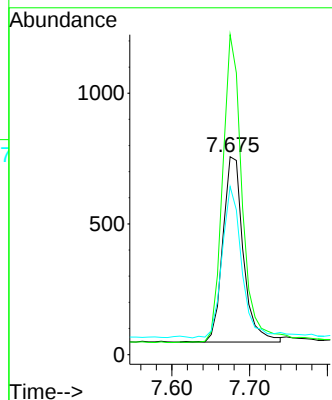
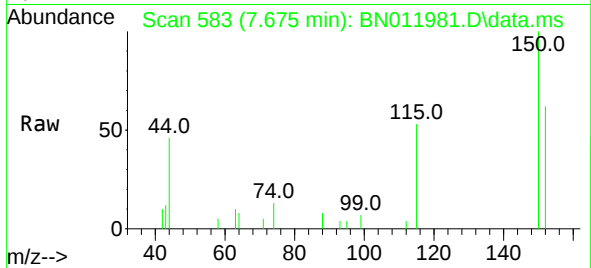




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.675 min Scan# 583  
 Delta R.T. -0.008 min  
 Lab File: BN011981.D  
 Acq: 28 Sep 2020 12:04

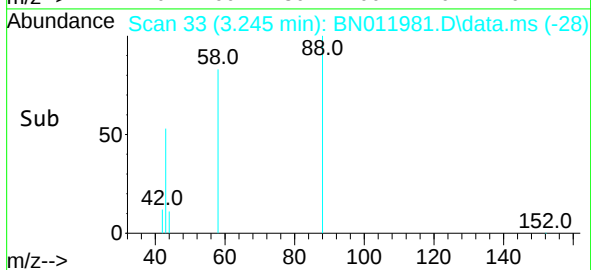
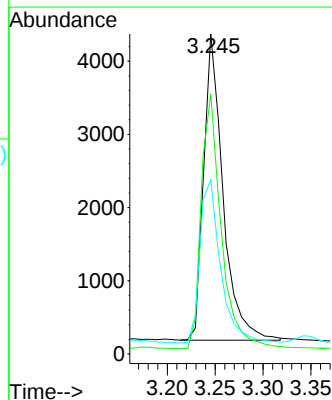
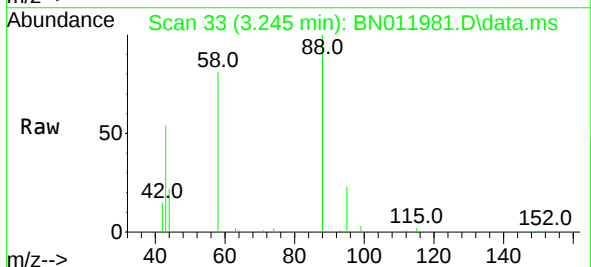
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D1-20200921

Tgt Ion:152 Resp: 1294  
 Ion Ratio Lower Upper  
 152 100  
 150 161.7 118.3 177.5  
 115 84.9 51.3 76.9#



#2  
 1,4-Dioxane  
 Concen: 2.62 ng  
 RT: 3.245 min Scan# 33  
 Delta R.T. -0.008 min  
 Lab File: BN011981.D  
 Acq: 28 Sep 2020 12:04

Tgt Ion: 88 Resp: 5897  
 Ion Ratio Lower Upper  
 88 100  
 58 86.0 63.3 94.9  
 43 57.0 33.0 49.4#

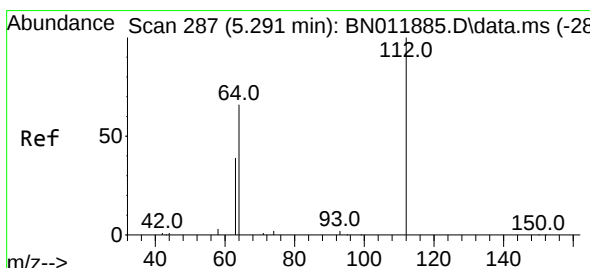
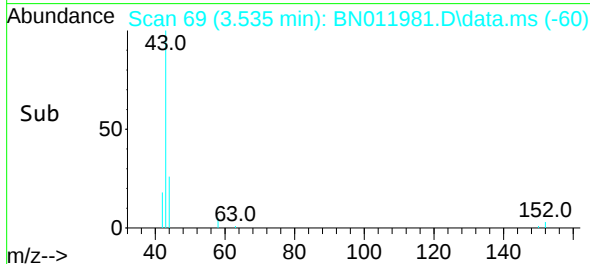
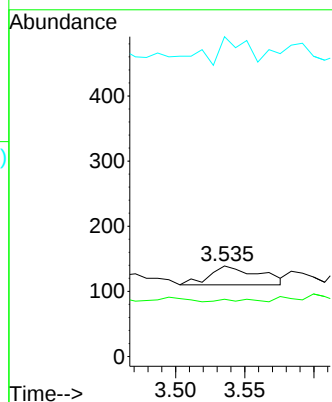
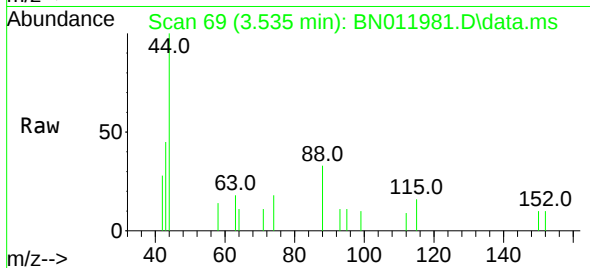




#3  
n-Nitrosodimethylamine  
Concen: 0.02 ng  
RT: 3.535 min Scan# 69  
Delta R.T. -0.024 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

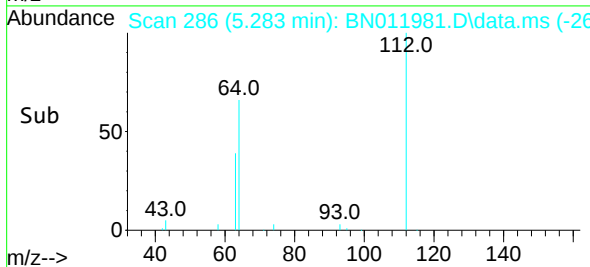
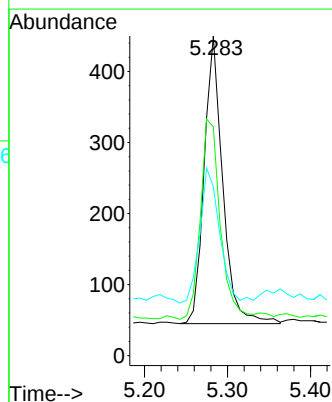
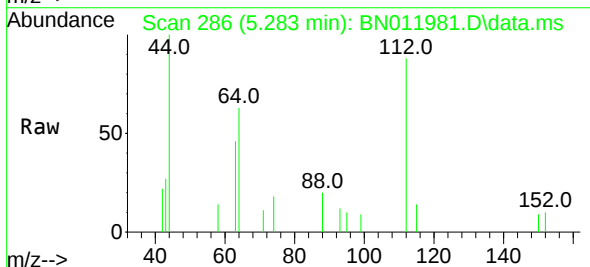
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D1-20200921

Tgt Ion: 42 Resp: 72  
Ion Ratio Lower Upper  
42 100  
74 4.2 64.4 96.6#  
44 72.2 6.7 10.1#



#4  
2-Fluorophenol  
Concen: 0.14 ng  
RT: 5.283 min Scan# 286  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Tgt Ion: 112 Resp: 631  
Ion Ratio Lower Upper  
112 100  
64 76.2 49.0 73.6#  
63 50.4 31.8 47.6#

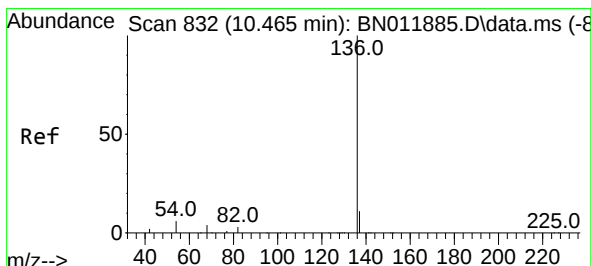
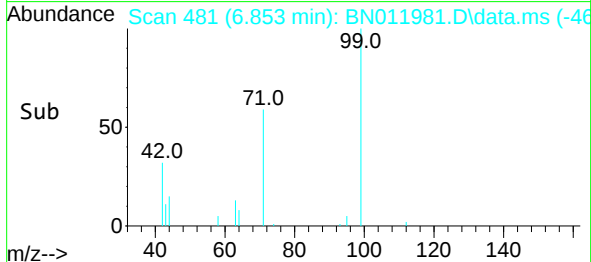
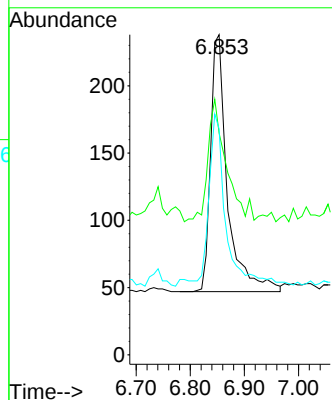
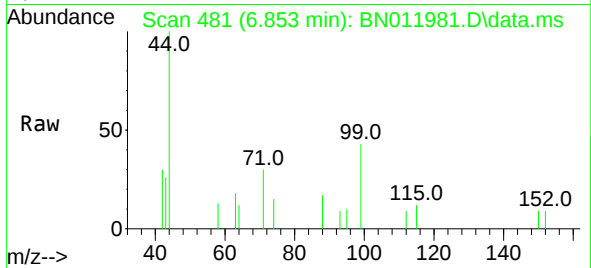




#5  
Phenol-d6  
Concen: 0.07 ng  
RT: 6.853 min Scan# 481  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

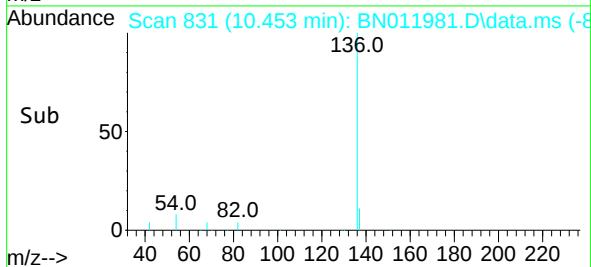
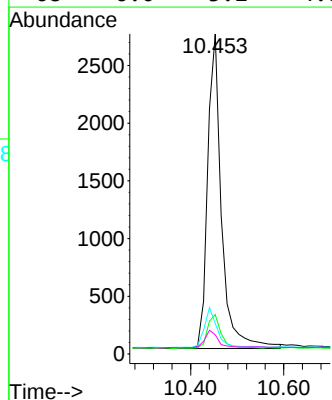
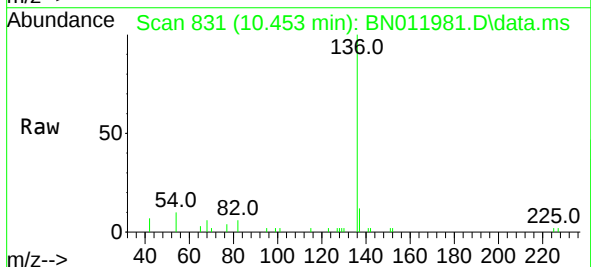
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D1-20200921

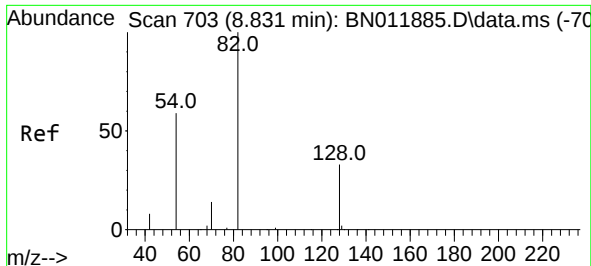
Tgt Ion: 99 Resp: 412  
Ion Ratio Lower Upper  
99 100  
42 48.5 23.4 35.0#  
71 66.0 38.1 57.1#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.453 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Tgt Ion: 136 Resp: 5665  
Ion Ratio Lower Upper  
136 100  
137 12.3 9.5 14.3  
54 9.6 5.6 8.4#  
68 6.0 3.2 4.8#

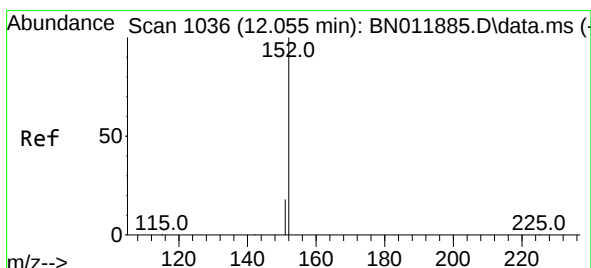
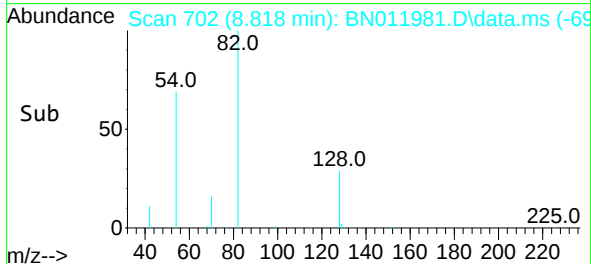
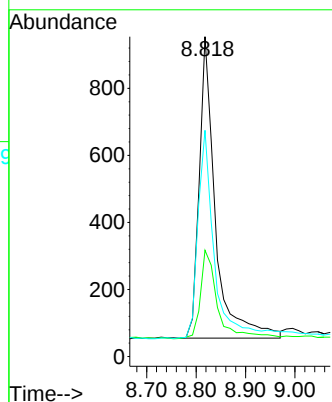
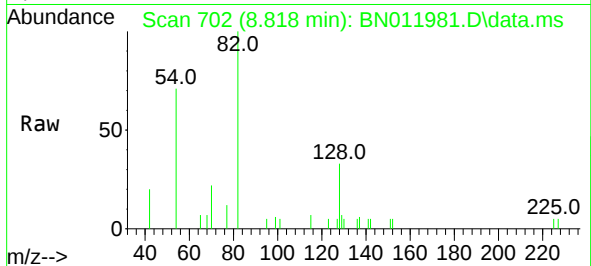




#8  
Nitrobenzene-d5  
Concen: 0.35 ng  
RT: 8.818 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

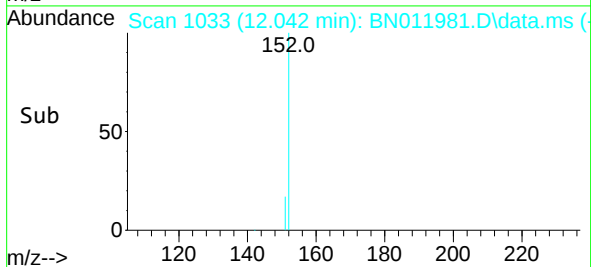
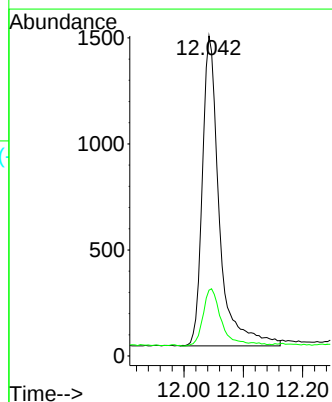
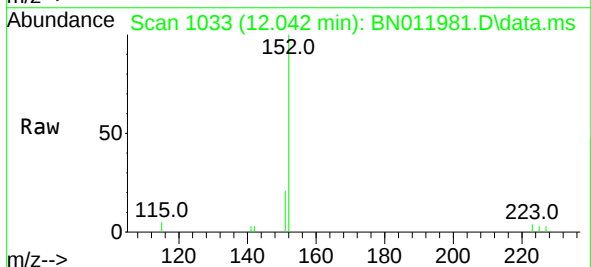
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D1-20200921

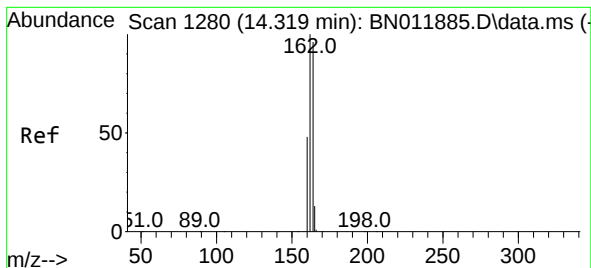
Tgt Ion: 82 Resp: 2049  
Ion Ratio Lower Upper  
82 100  
128 33.2 34.2 51.2#  
54 70.8 43.1 64.7#



#11  
2-Methylnaphthalene-d10  
Concen: 0.32 ng  
RT: 12.042 min Scan# 1033  
Delta R.T. -0.004 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Tgt Ion: 152 Resp: 2904  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.7 25.1

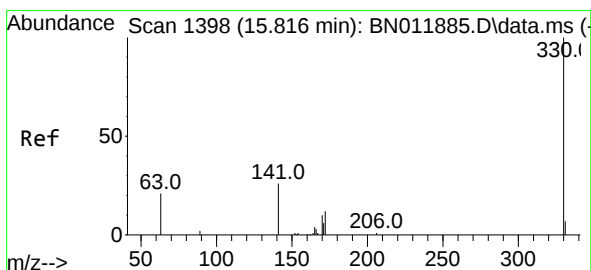
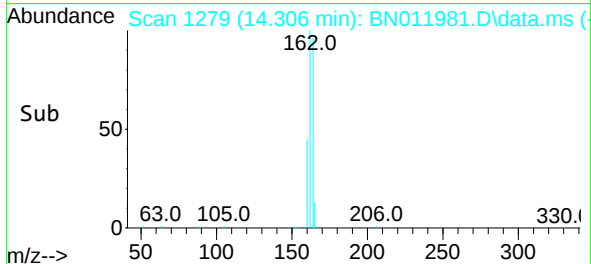
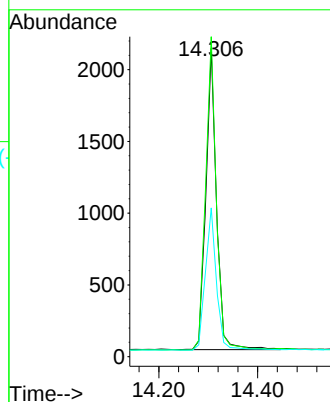
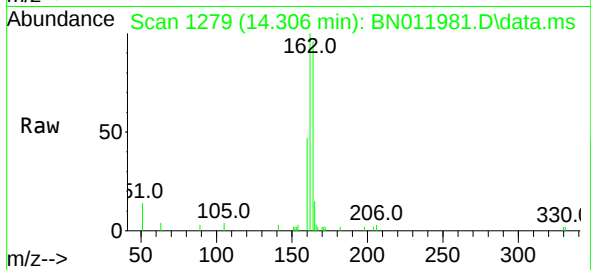




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.306 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

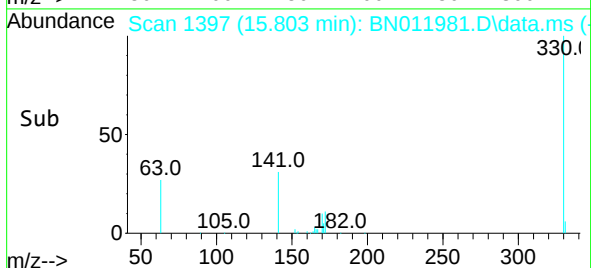
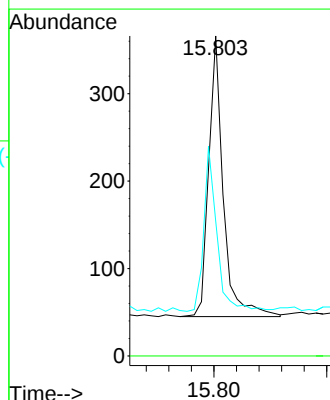
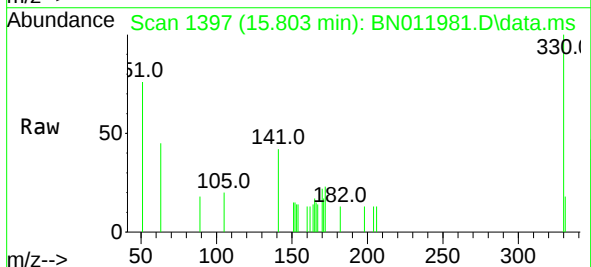
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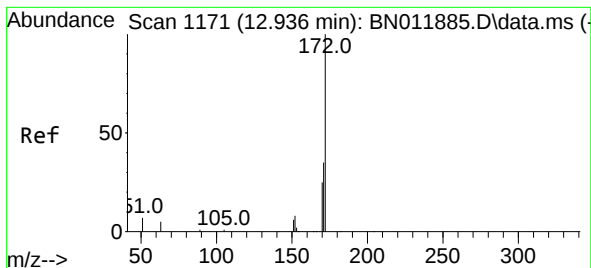
Tgt Ion:164 Resp: 3161  
Ion Ratio Lower Upper  
164 100  
162 103.8 83.6 125.4  
160 48.3 41.2 61.8



#14  
2,4,6-Tribromophenol  
Concen: 0.37 ng  
RT: 15.803 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Tgt Ion:330 Resp: 572  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 53.3 33.7 50.5#

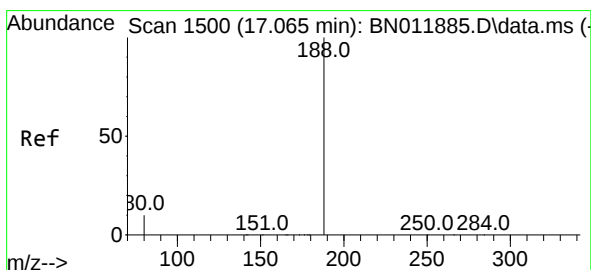
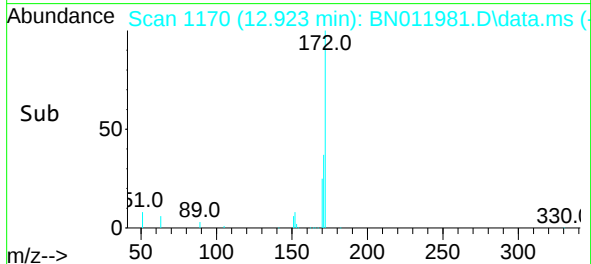
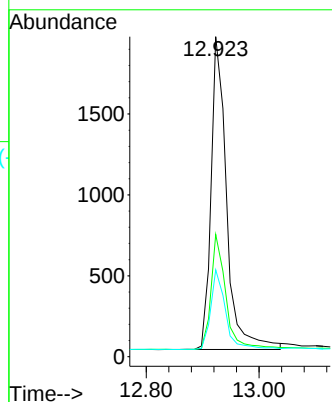
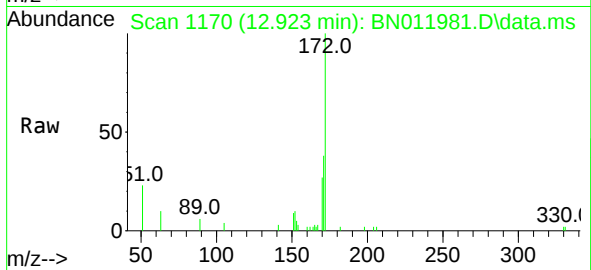




#15  
2-Fluorobiphenyl  
Concen: 0.31 ng  
RT: 12.923 min Scan# 1170  
Delta R.T. -0.013 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

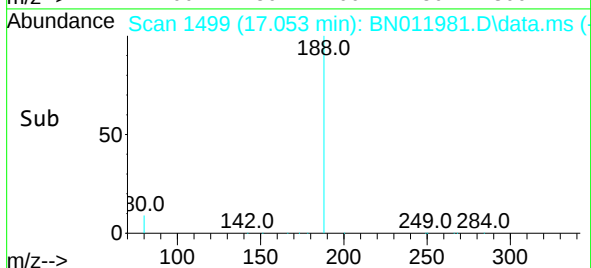
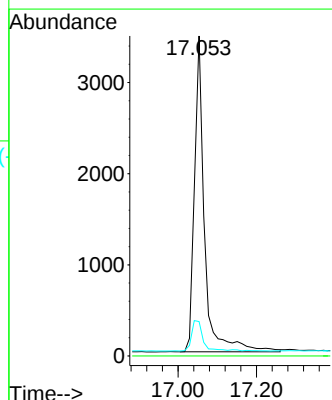
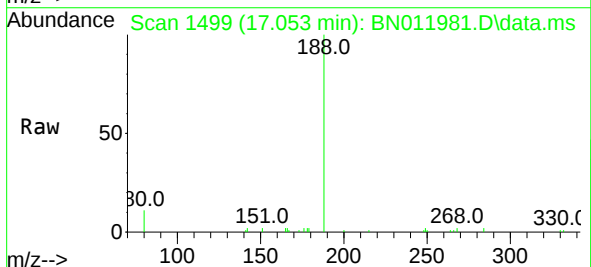
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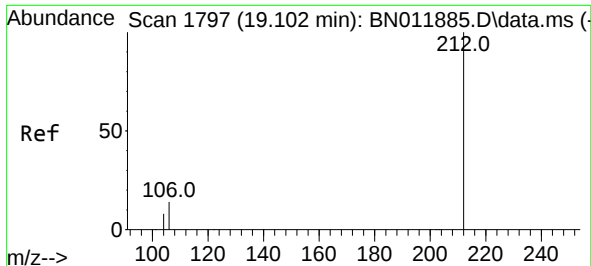
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Ion Ratio Lower Upper  
172 100  
171 38.2 27.4 41.2  
170 27.1 17.8 26.6#



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.053 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Tgt Ion:188 Resp: 6199  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 7.7 11.5

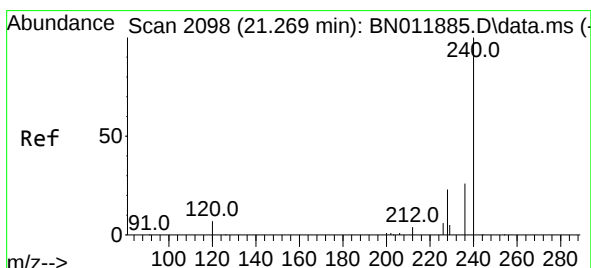
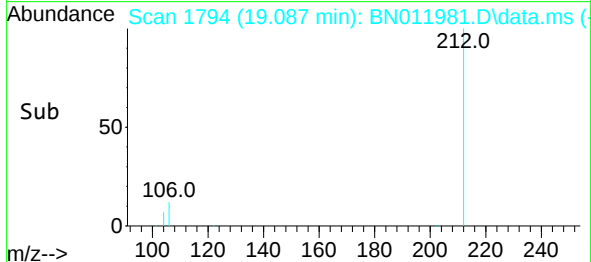
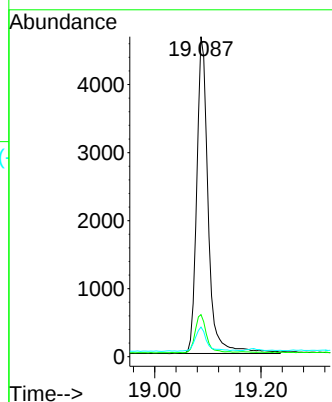
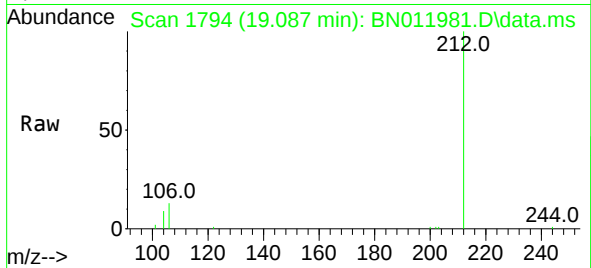




#27  
Fluoranthene-d10  
Concen: 0.38 ng  
RT: 19.087 min Scan# 1794  
Delta R.T. -0.005 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

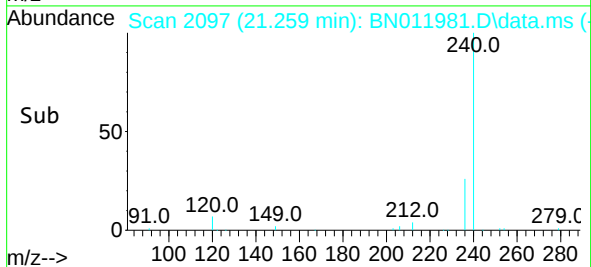
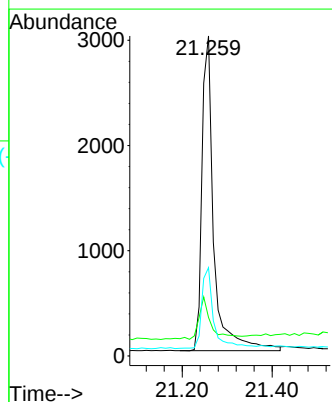
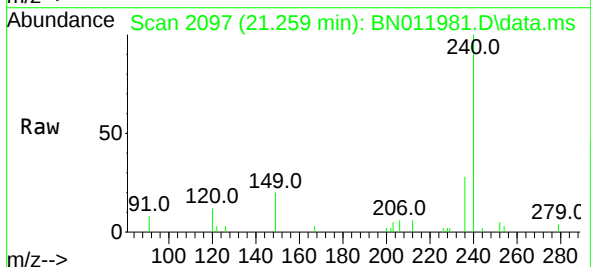
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D1-20200921

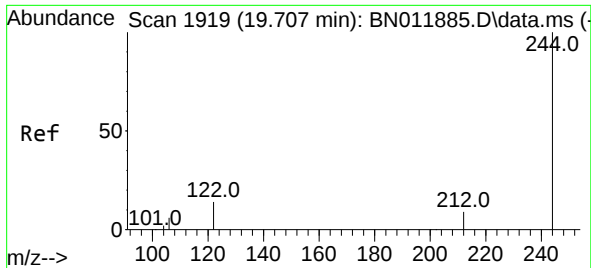
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Ion Ratio Lower Upper  
212 100  
106 11.9 6.4 9.6#  
104 8.0 3.9 5.9#



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.259 min Scan# 2097  
Delta R.T. 0.000 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Tgt Ion:240 Resp: 5488  
Ion Ratio Lower Upper  
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236 27.6 20.5 30.7

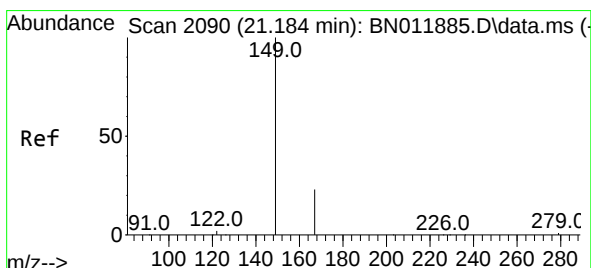
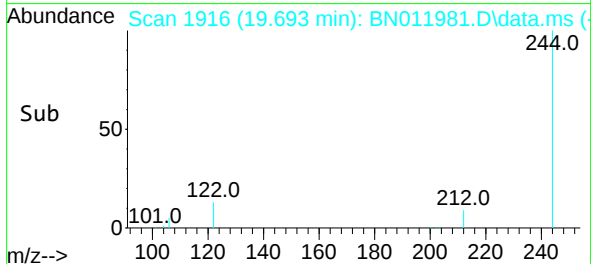
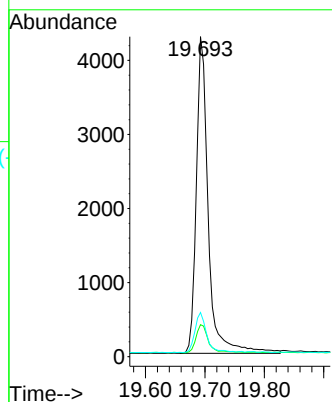
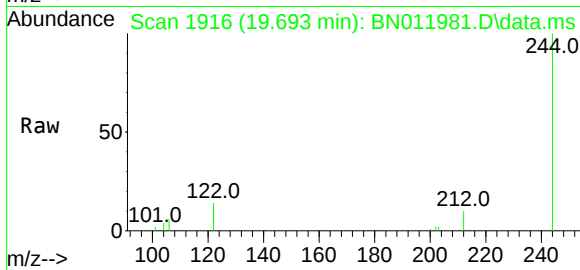




#31  
 Terphenyl-d14  
 Concen: 0.48 ng  
 RT: 19.693 min Scan# 1916  
 Delta R.T. -0.005 min  
 Lab File: BN011981.D  
 Acq: 28 Sep 2020 12:04

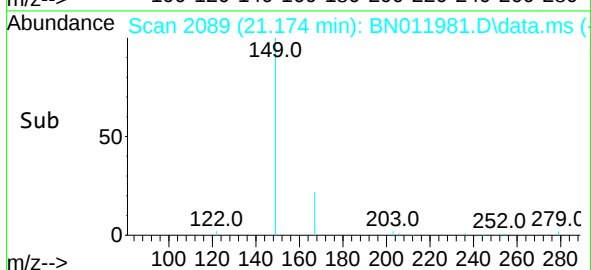
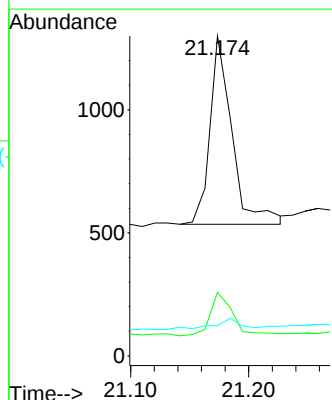
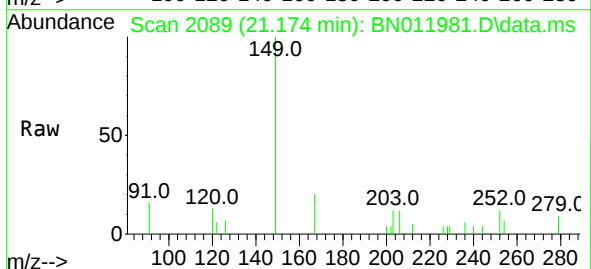
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D1-20200921

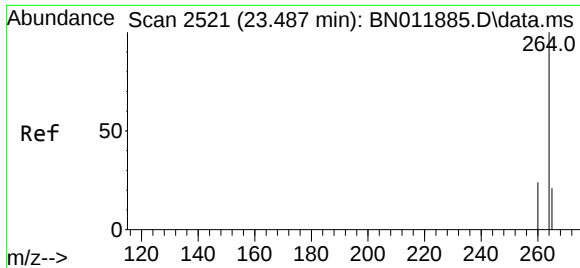
Tgt Ion:244 Resp: 5956  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 7.3 10.9  
 122 13.8 7.8 11.6#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.08 ng  
 RT: 21.174 min Scan# 2089  
 Delta R.T. 0.000 min  
 Lab File: BN011981.D  
 Acq: 28 Sep 2020 12:04

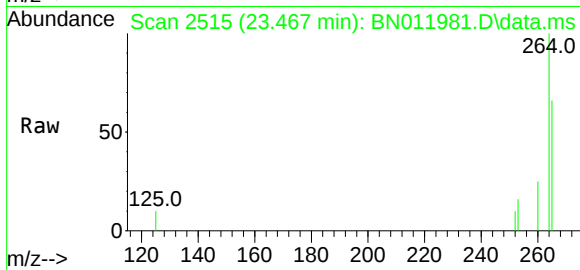
Tgt Ion:149 Resp: 993  
 Ion Ratio Lower Upper  
 149 100  
 167 23.9 23.6 35.4  
 279 5.1 4.0 6.0





#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.467 min Scan# 2515  
Delta R.T. -0.003 min  
Lab File: BN011981.D  
Acq: 28 Sep 2020 12:04

Instrument :  
BNA\_N  
ClientSampleId :  
TT180D1-20200921



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 5695        |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 25.1  | 19.6 29.4   |
| 265         | 66.4  | 38.6 58.0#  |

