

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092320\  
 Data File : BN011902.D  
 Acq On : 24 Sep 2020 06:16  
 Operator : CG/JU  
 Sample : L4083-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D2-20200916

Quant Time: Sep 24 07:20:21 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 23 18:41:41 2020  
 Response via : Initial Calibration

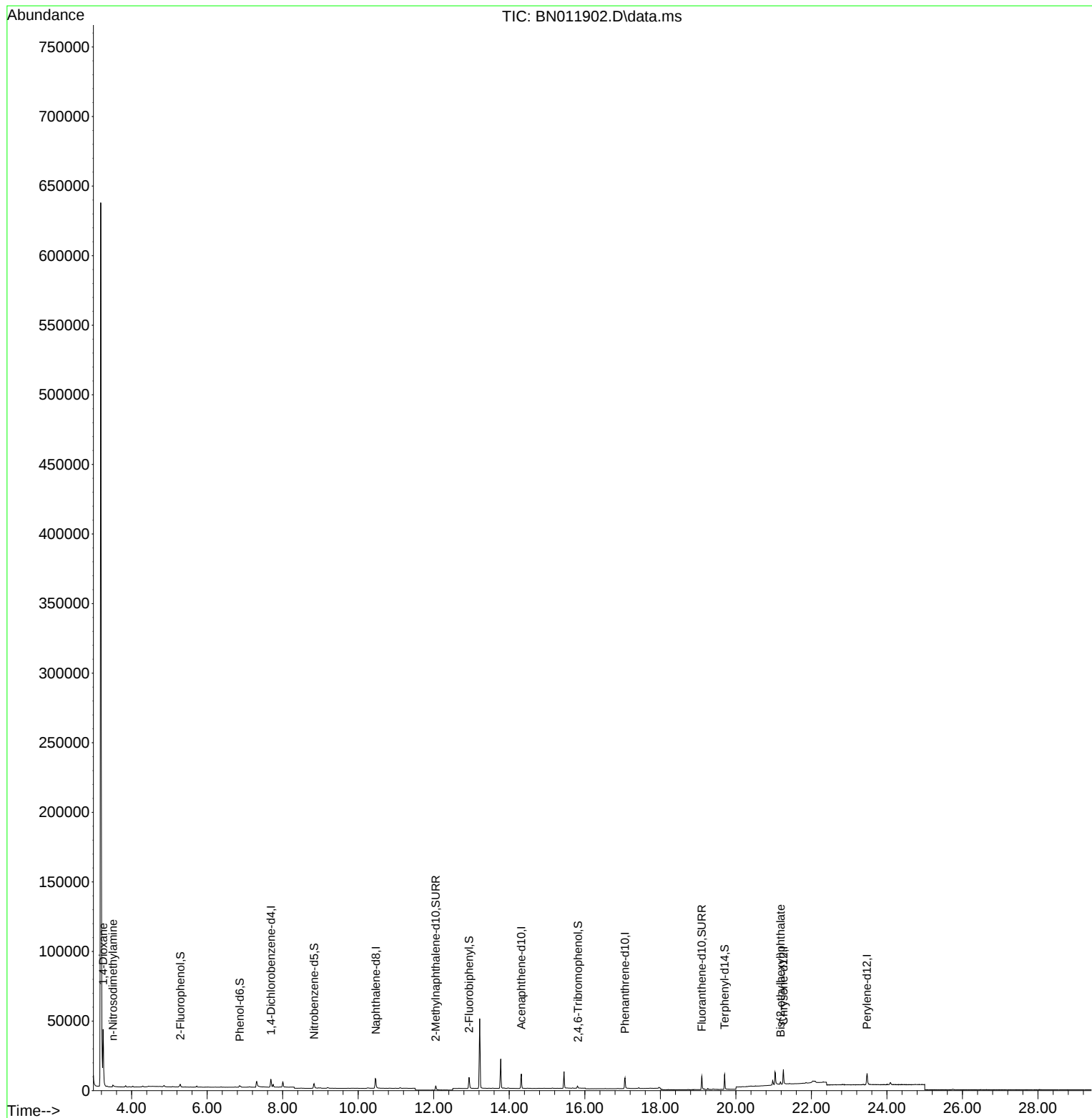
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.691  | 152  | 2657     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.466 | 136  | 11172    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.319 | 164  | 6151     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.066 | 188  | 12430    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.259 | 240  | 11771    | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.470 | 264  | 11520    | 0.40 | ng    | #-0.02   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 1395     | 0.15 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.862  | 99   | 1043     | 0.09 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.831  | 82   | 3411     | 0.30 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.051 | 152  | 4736     | 0.27 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.816 | 330  | 1124     | 0.38 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 7217     | 0.31 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.097 | 212  | 11107    | 0.30 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.703 | 244  | 11332    | 0.42 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.246  | 88   | 20242    | 4.38 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.503  | 42   | 446      | 0.07 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149  | 1919     | 0.07 | ng    | 91       |
| -----                         |        |      |          |      |       |          |

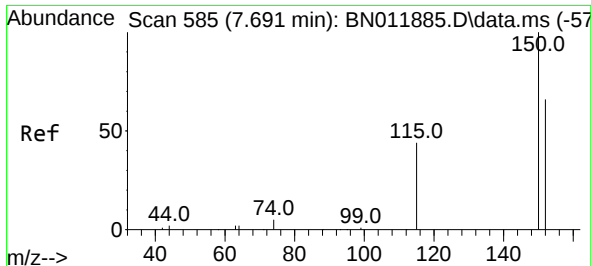
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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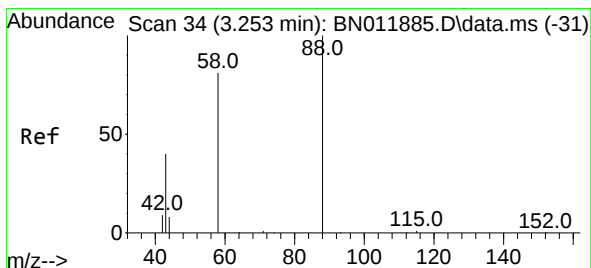
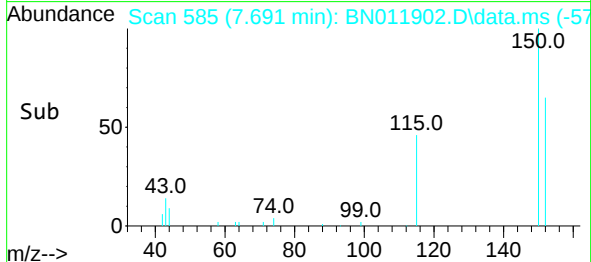
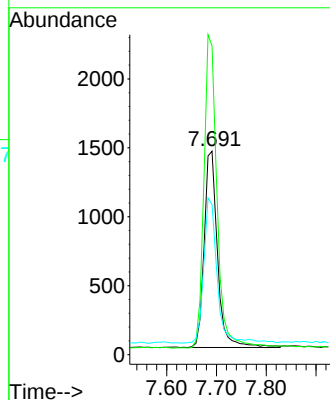
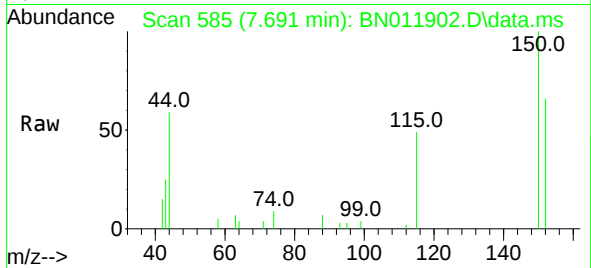




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.691 min Scan# 585  
 Delta R.T. 0.000 min  
 Lab File: BN011902.D  
 Acq: 24 Sep 2020 06:16

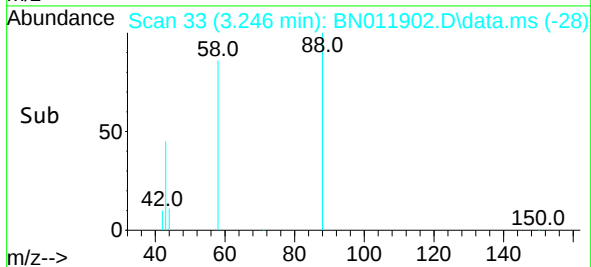
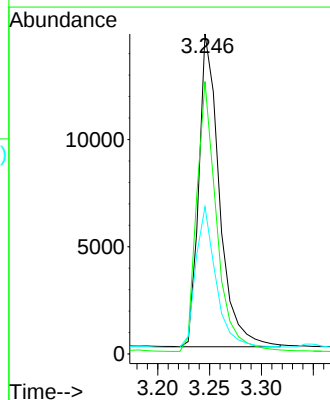
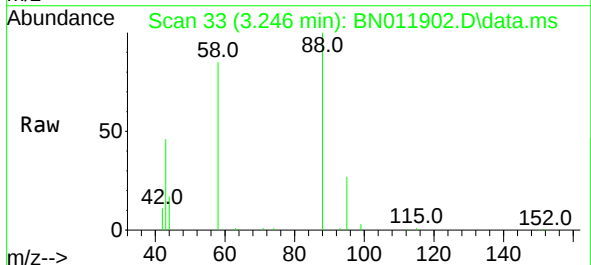
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 ClientSampleId :  
 RE120D2-20200916

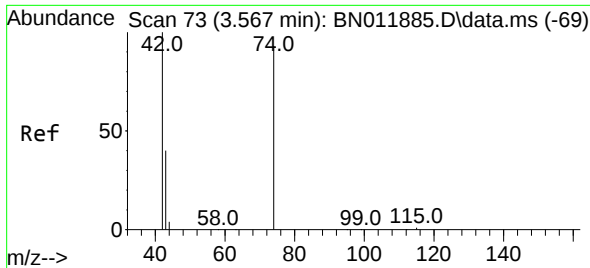
Tgt Ion:152 Resp: 2657  
 Ion Ratio Lower Upper  
 152 100  
 150 151.8 118.3 177.5  
 115 73.8 51.3 76.9



#2  
 1,4-Dioxane  
 Concen: 4.38 ng  
 RT: 3.246 min Scan# 33  
 Delta R.T. -0.008 min  
 Lab File: BN011902.D  
 Acq: 24 Sep 2020 06:16

Tgt Ion: 88 Resp: 20242  
 Ion Ratio Lower Upper  
 88 100  
 58 83.2 63.3 94.9  
 43 43.8 33.0 49.4

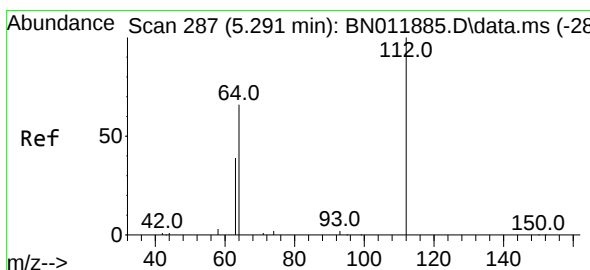
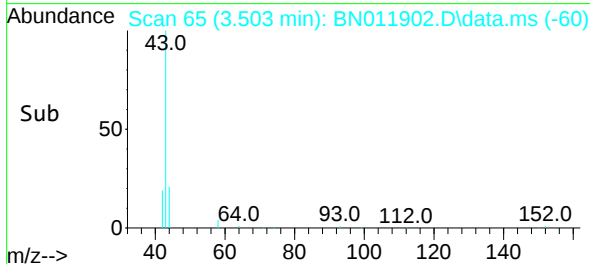
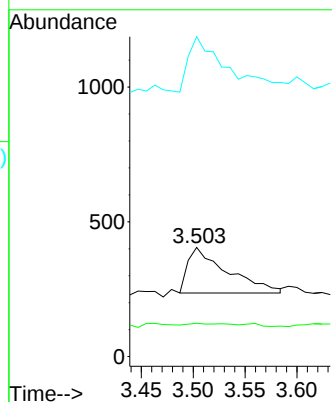
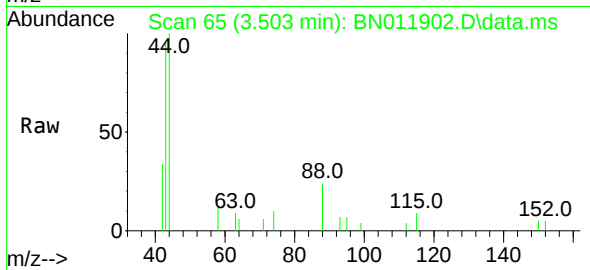




#3  
n-Nitrosodimethylamine  
Concen: 0.07 ng  
RT: 3.503 min Scan# 65  
Delta R.T. -0.064 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

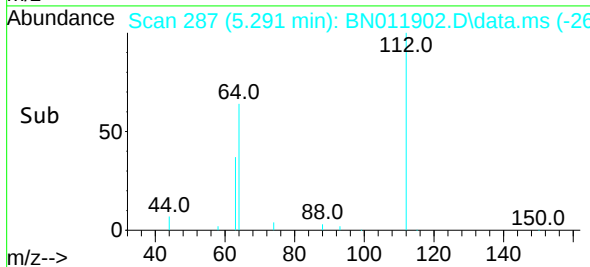
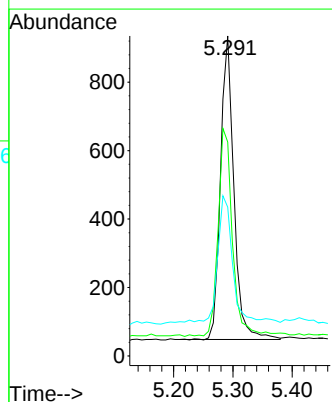
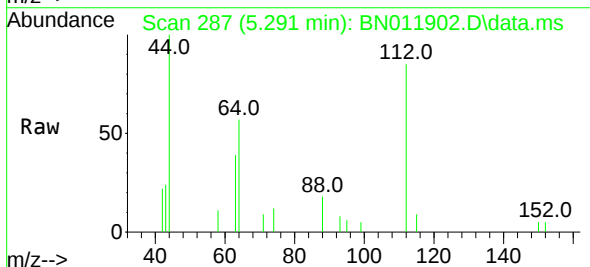
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D2-20200916

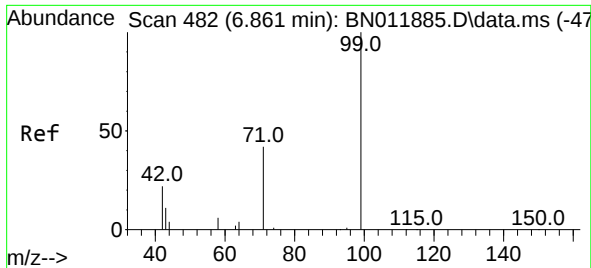
Tgt Ion: 42 Resp: 446  
Ion Ratio Lower Upper  
42 100  
74 2.9 64.4 96.6#  
44 124.2 6.7 10.1#



#4  
2-Fluorophenol  
Concen: 0.15 ng  
RT: 5.291 min Scan# 287  
Delta R.T. 0.000 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

Tgt Ion: 112 Resp: 1395  
Ion Ratio Lower Upper  
112 100  
64 73.0 49.0 73.6  
63 47.0 31.8 47.6

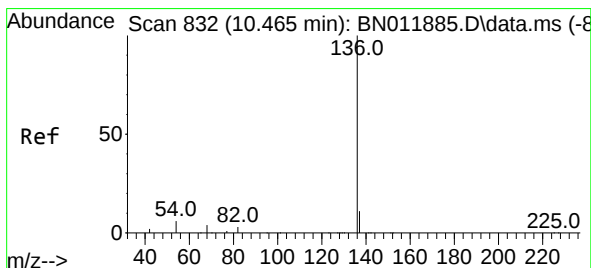
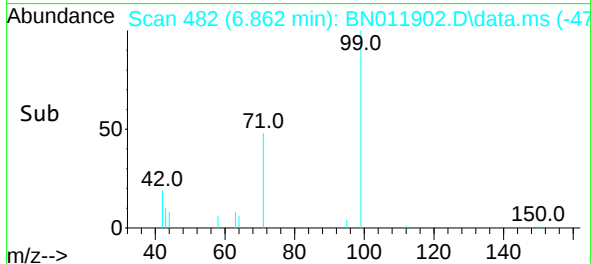
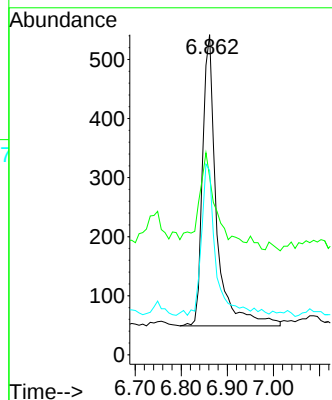
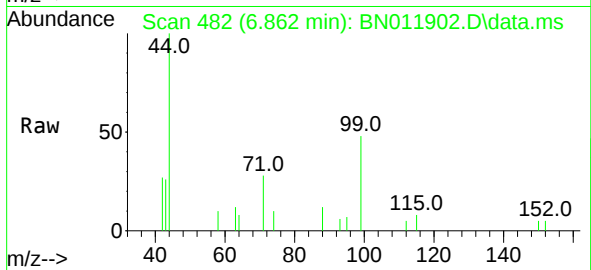




#5  
Phenol-d6  
Concen: 0.09 ng  
RT: 6.862 min Scan# 482  
Delta R.T. 0.000 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

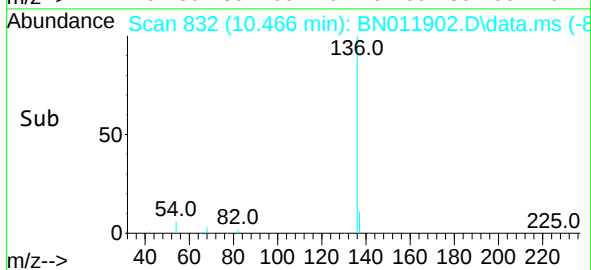
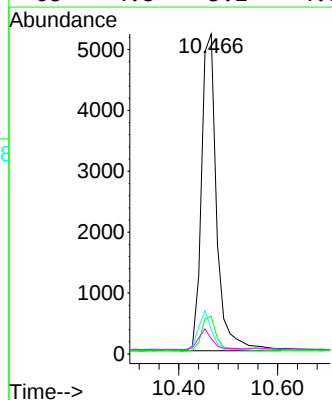
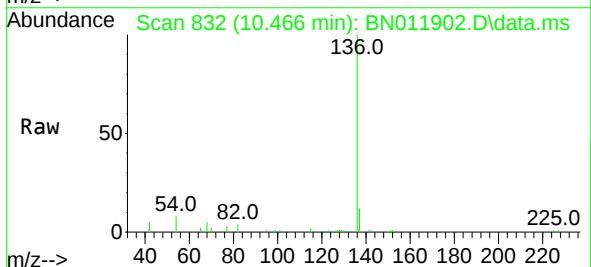
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D2-20200916

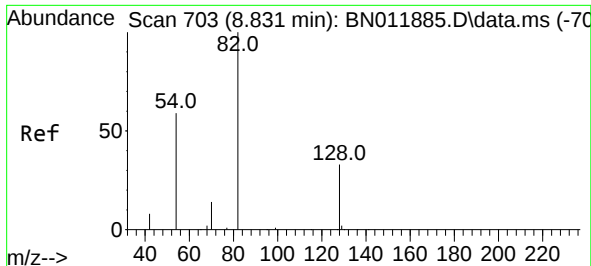
Tgt Ion: 99 Resp: 1043  
Ion Ratio Lower Upper  
99 100  
42 33.2 23.4 35.0  
71 50.9 38.1 57.1



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.466 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

Tgt Ion: 136 Resp: 11172  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.5 14.3  
54 7.6 5.6 8.4  
68 4.8 3.2 4.8

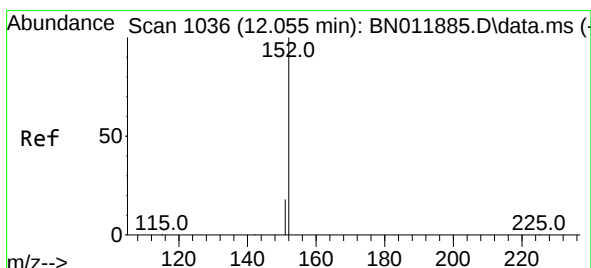
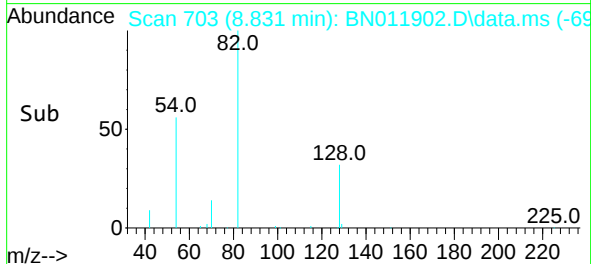
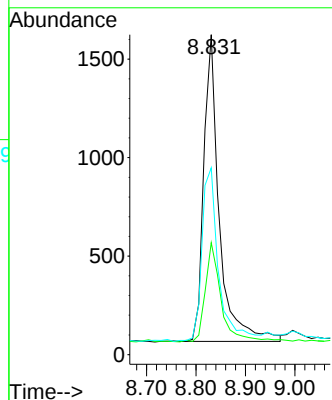
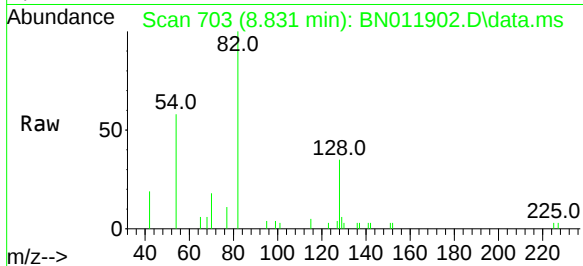




#8  
Nitrobenzene-d5  
Concen: 0.30 ng  
RT: 8.831 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

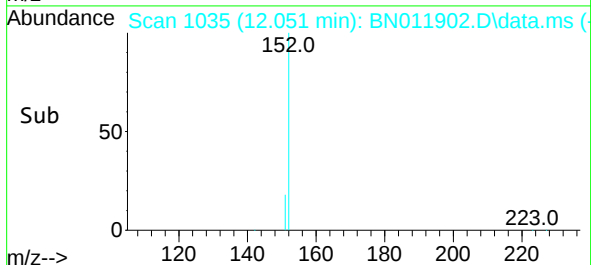
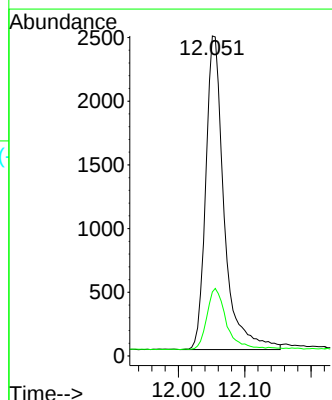
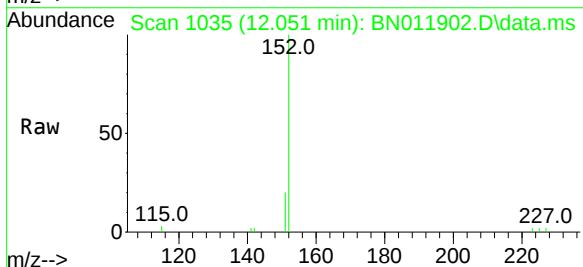
Instrument :  
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ClientSampleId :  
RE120D2-20200916

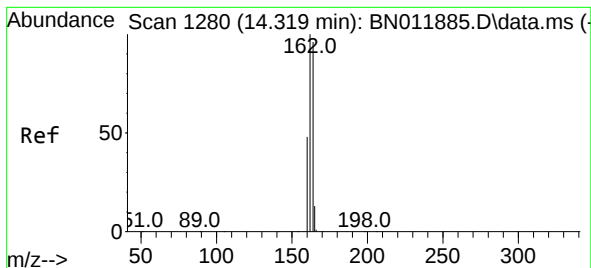
Tgt Ion: 82 Resp: 3411  
Ion Ratio Lower Upper  
82 100  
128 35.0 34.2 51.2  
54 58.4 43.1 64.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.27 ng  
RT: 12.051 min Scan# 1035  
Delta R.T. -0.004 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

Tgt Ion: 152 Resp: 4736  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.319 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BN011902.D

Acq: 24 Sep 2020 06:16

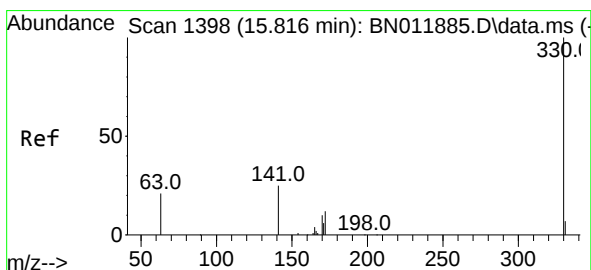
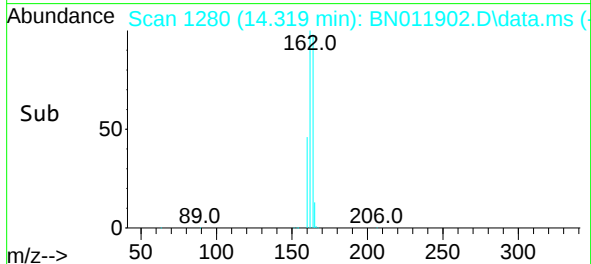
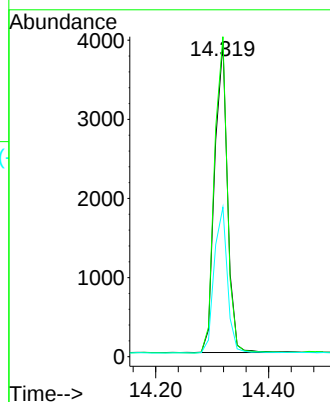
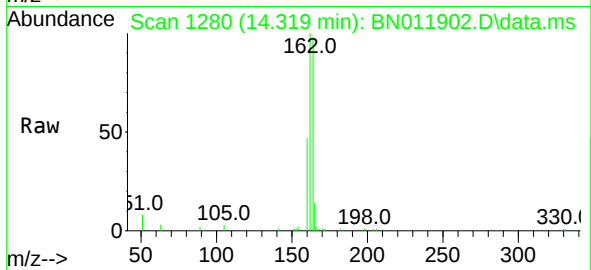
Tgt Ion:164 Resp: 6151

Ion Ratio Lower Upper

164 100

162 102.0 83.6 125.4

160 47.6 41.2 61.8



#14

2,4,6-Tribromophenol

Concen: 0.38 ng

RT: 15.816 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BN011902.D

Acq: 24 Sep 2020 06:16

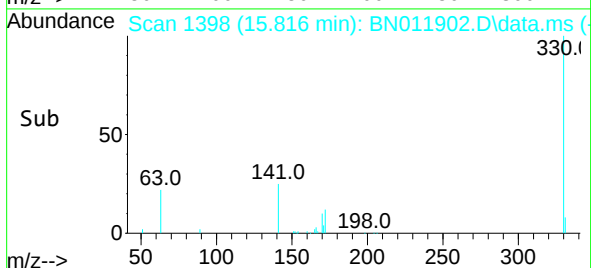
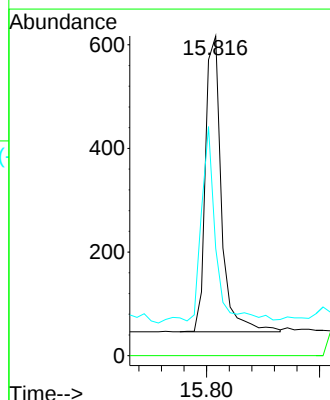
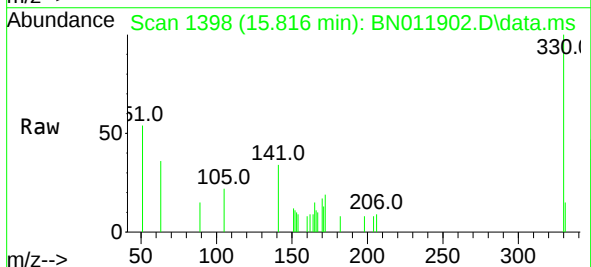
Tgt Ion:330 Resp: 1124

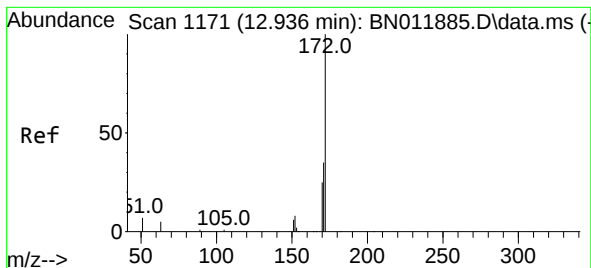
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 58.0 33.7 50.5#

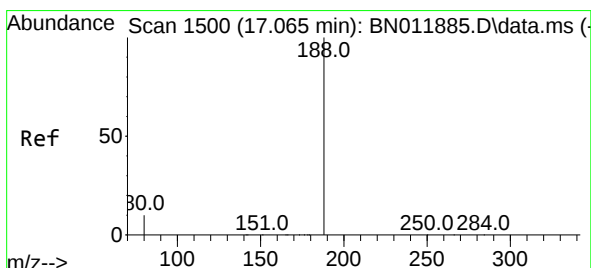
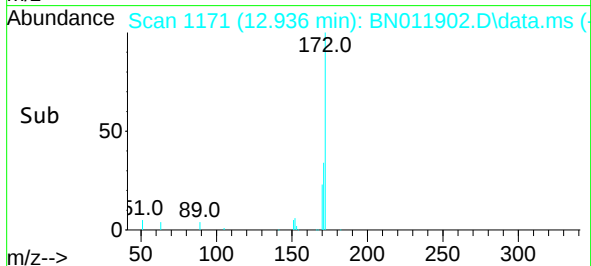
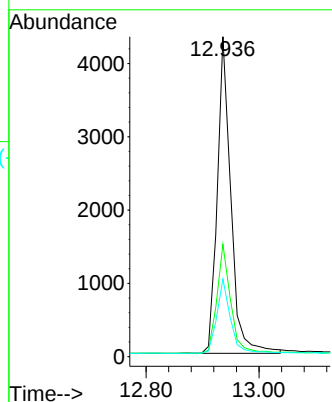
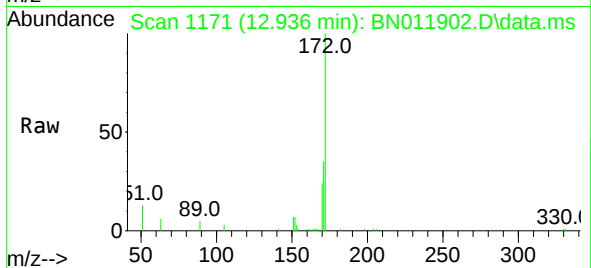




#15  
2-Fluorobiphenyl  
Concen: 0.31 ng  
RT: 12.936 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

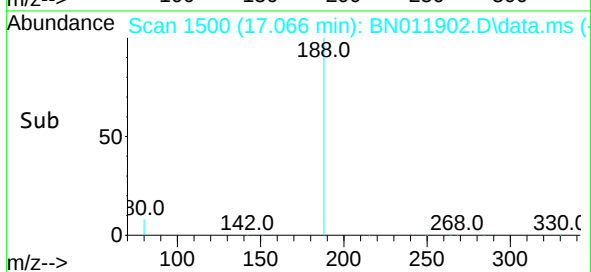
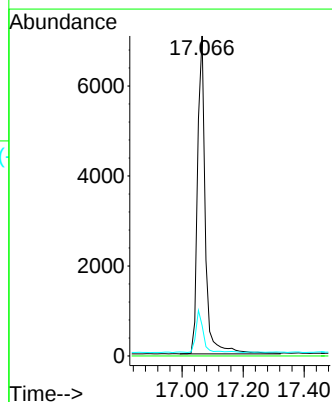
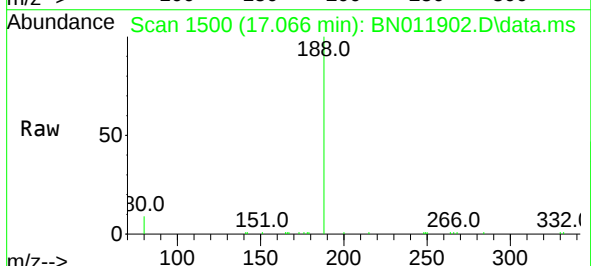
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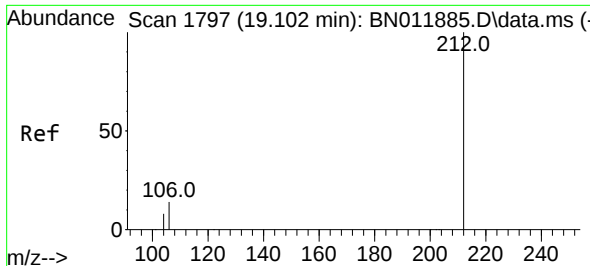
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 7217 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.1  | 27.4  | 41.2 |
| 170       | 24.3  | 17.8  | 26.6 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.066 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 12430 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.5   | 7.7   | 11.5  |

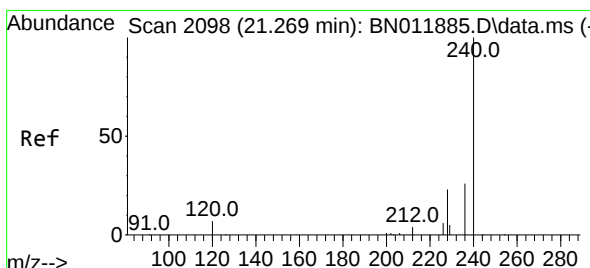
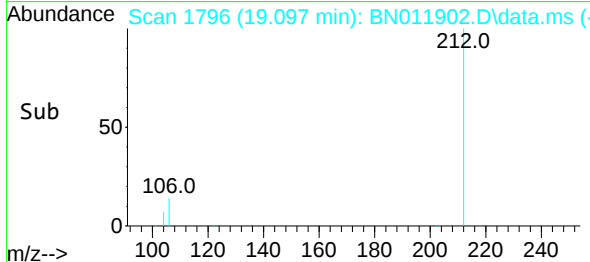
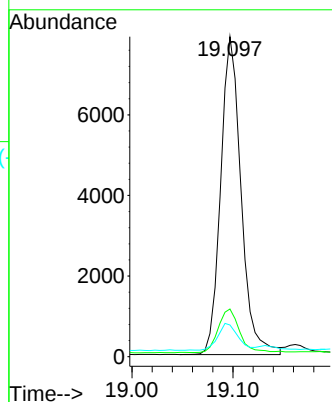
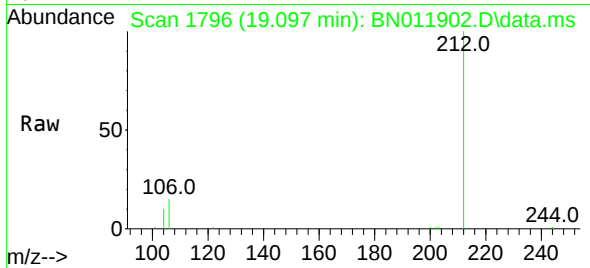




#27  
Fluoranthene-d10  
Concen: 0.30 ng  
RT: 19.097 min Scan# 1796  
Delta R.T. -0.005 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

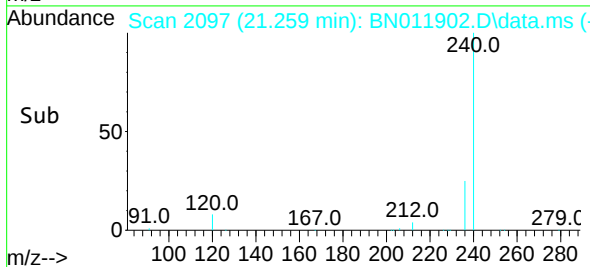
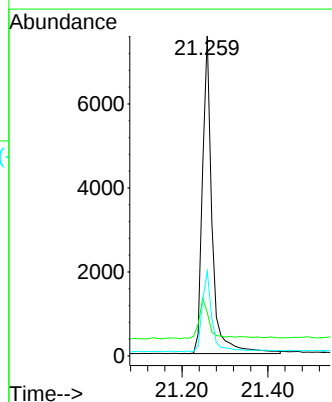
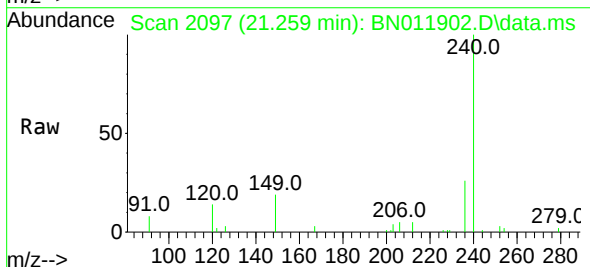
Instrument :  
BNA\_N  
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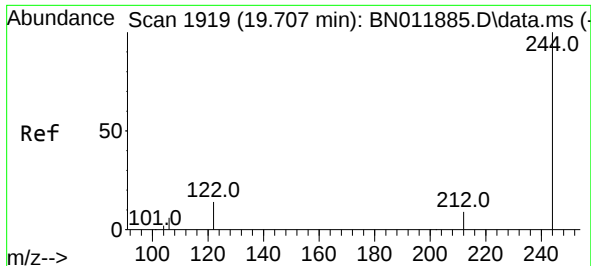
Tgt Ion:212 Resp: 11107  
Ion Ratio Lower Upper  
212 100  
106 14.3 6.4 9.6#  
104 8.3 3.9 5.9#



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.259 min Scan# 2097  
Delta R.T. -0.010 min  
Lab File: BN011902.D  
Acq: 24 Sep 2020 06:16

Tgt Ion:240 Resp: 11771  
Ion Ratio Lower Upper  
240 100  
120 13.6 3.5 5.3#  
236 26.5 20.5 30.7

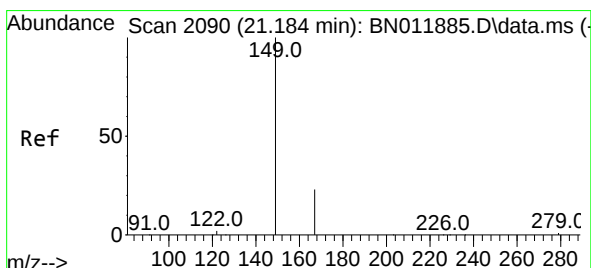
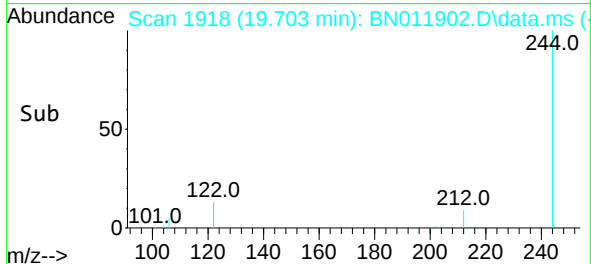
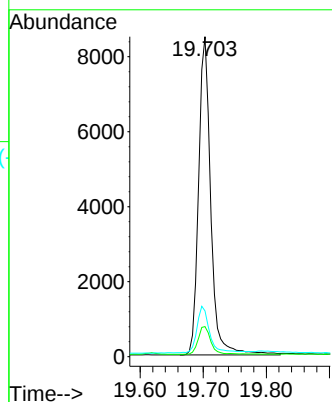
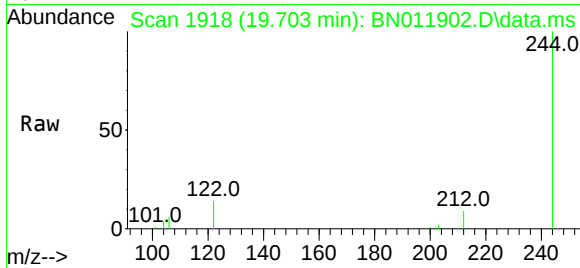




#31  
 Terphenyl-d14  
 Concen: 0.42 ng  
 RT: 19.703 min Scan# 1918  
 Delta R.T. -0.005 min  
 Lab File: BN011902.D  
 Acq: 24 Sep 2020 06:16

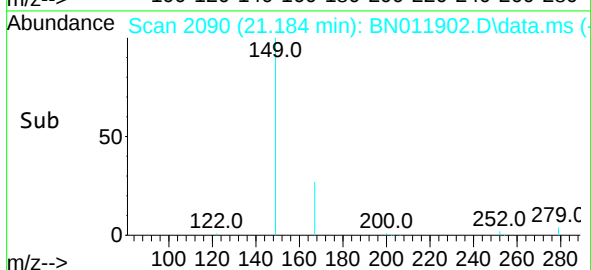
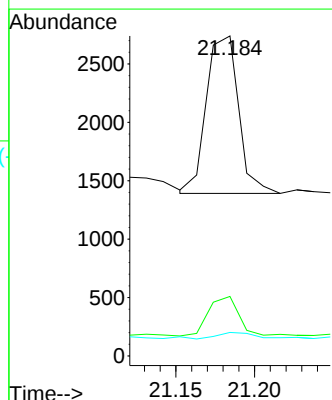
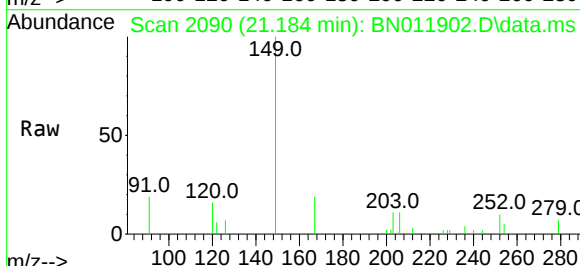
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D2-20200916

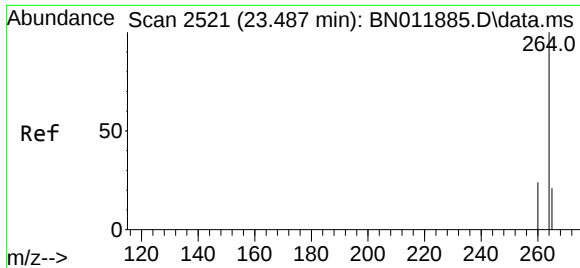
Tgt Ion:244 Resp: 11332  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.3 10.9  
 122 14.3 7.8 11.6#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.07 ng  
 RT: 21.184 min Scan# 2090  
 Delta R.T. 0.000 min  
 Lab File: BN011902.D  
 Acq: 24 Sep 2020 06:16

Tgt Ion:149 Resp: 1919  
 Ion Ratio Lower Upper  
 149 100  
 167 23.9 23.6 35.4  
 279 4.7 4.0 6.0





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.470 min Scan# 2516  
 Delta R.T. -0.017 min  
 Lab File: BN011902.D  
 Acq: 24 Sep 2020 06:16

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D2-20200916

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 11520      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.5  | 19.6 29.4  |
| 265         | 64.5  | 38.6 58.0# |

