

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060221\  
 Data File : BN014822.D  
 Acq On : 02 Jun 2021 11:53  
 Operator : CG/JU  
 Sample : PB136126BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136126BL

Quant Time: Jun 02 12:31:39 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN060121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 01 17:40:45 2021  
 Response via : Initial Calibration

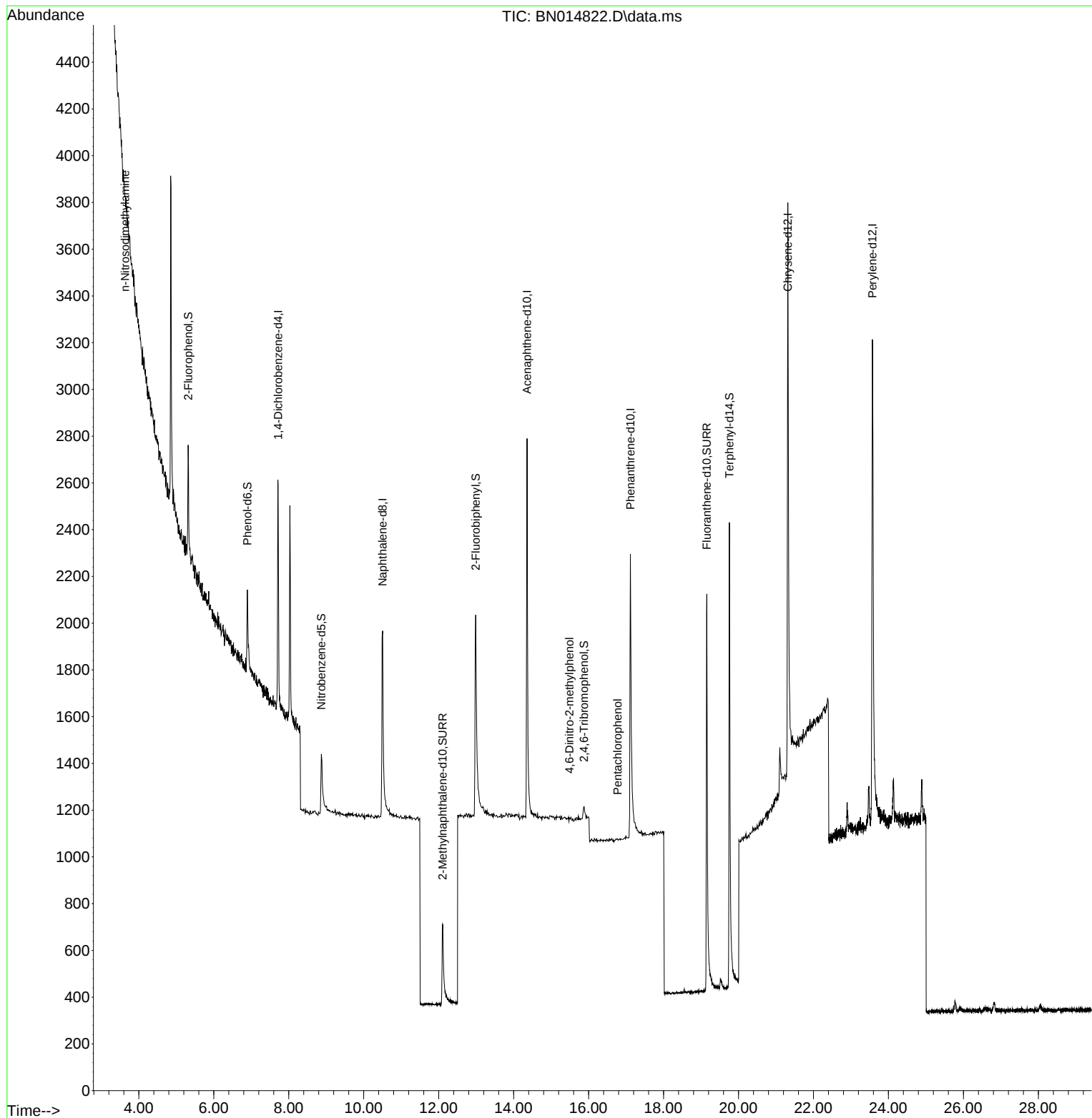
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 554      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.505 | 136  | 1786     | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.359 | 164  | 1233     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.116 | 188  | 2929     | 0.40 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.314 | 240  | 3854     | 0.40 | ng    | # 0.01   |
| 35) Perylene-d12              | 23.575 | 264  | 3967     | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.316  | 112  | 458      | 0.32 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.895  | 99   | 441      | 0.23 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 481      | 0.32 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.106 | 152  | 867      | 0.26 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 15.881 | 330  | 107      | 0.17 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl          | 12.989 | 172  | 1352     | 0.30 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.154 | 212  | 3183     | 0.30 | ng    | 0.01     |
| 31) Terphenyl-d14             | 19.754 | 244  | 3466     | 0.38 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 3) n-Nitrosodimethylamine     | 3.633  | 42   | 46       | 0.29 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.488 | 198  | 2        | 0.23 | ng    | # 33     |
| 24) Pentachlorophenol         | 16.775 | 266  | 1        | 0.24 | ng    | # 24     |
| -----                         |        |      |          |      |       |          |

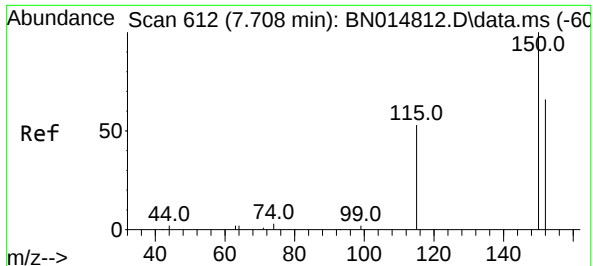
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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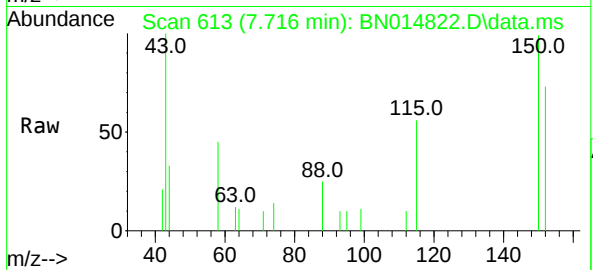
Quant Time: Jun 02 12:31:39 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN060121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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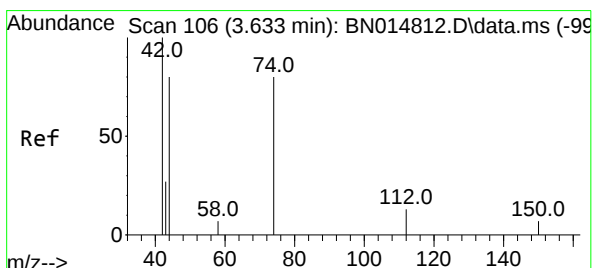
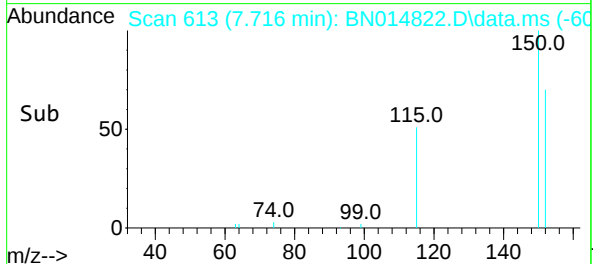
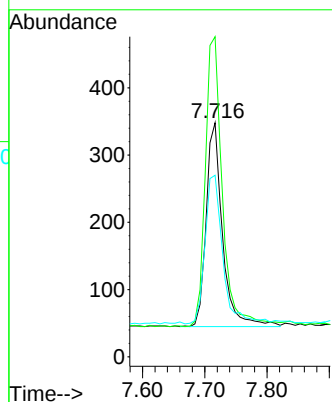


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.716 min Scan# 613  
Delta R.T. 0.008 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

Instrument :  
BNA\_N  
ClientSampleId :  
PB136126BL

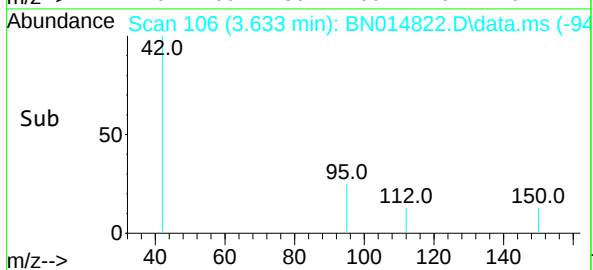
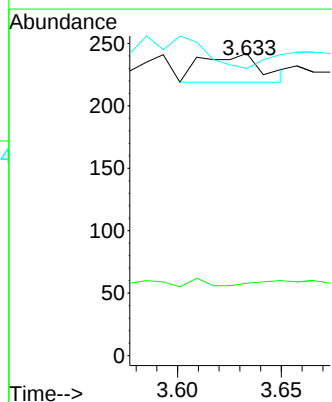
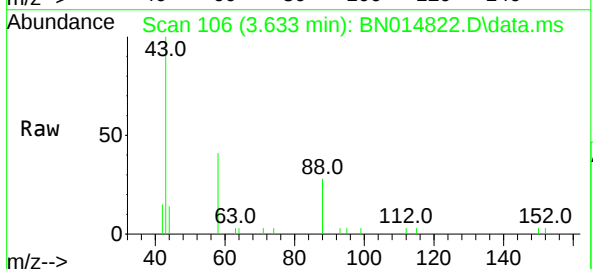


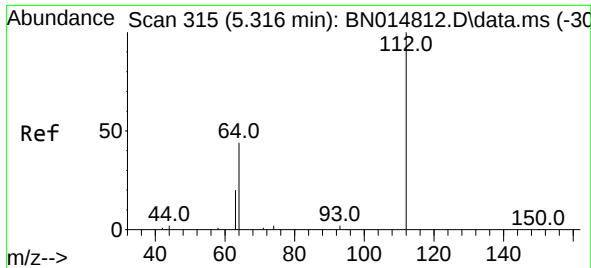
Tgt Ion:152 Resp: 554  
Ion Ratio Lower Upper  
152 100  
150 136.8 123.4 185.2  
115 77.6 73.2 109.8



#3  
n-Nitrosodimethylamine  
Concen: 0.29 ng  
RT: 3.633 min Scan# 106  
Delta R.T. 0.000 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

Tgt Ion: 42 Resp: 46  
Ion Ratio Lower Upper  
42 100  
74 23.9 0.0 0.0#  
44 0.0 80.0 120.0#

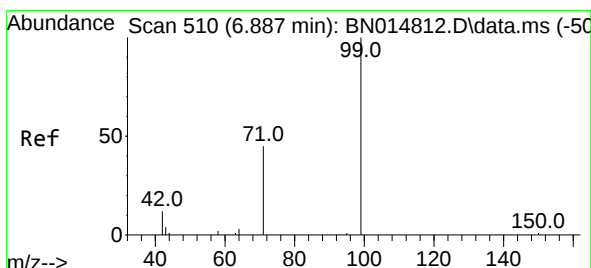
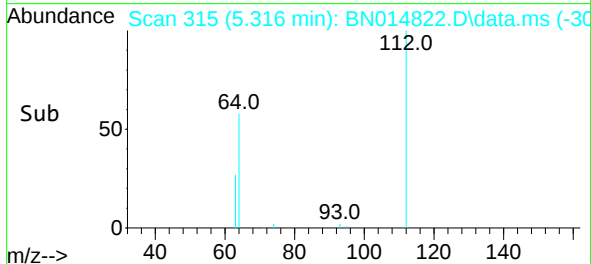
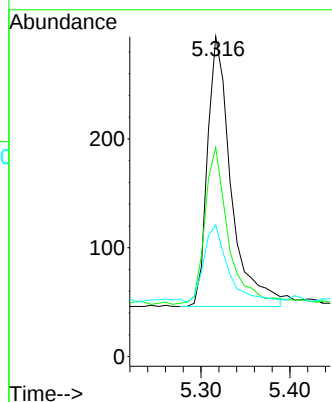
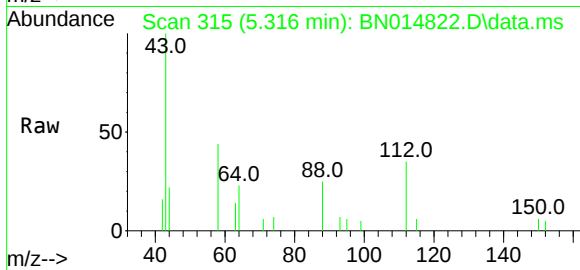




#4  
2-Fluorophenol  
Concen: 0.32 ng  
RT: 5.316 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

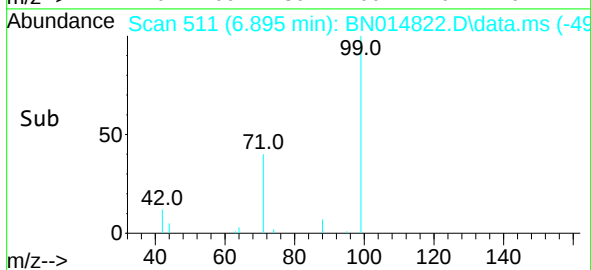
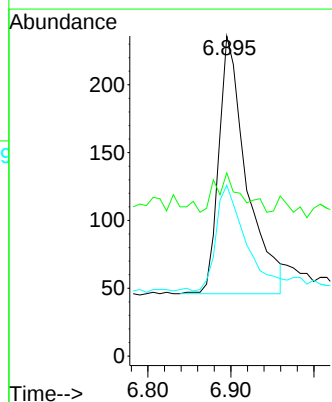
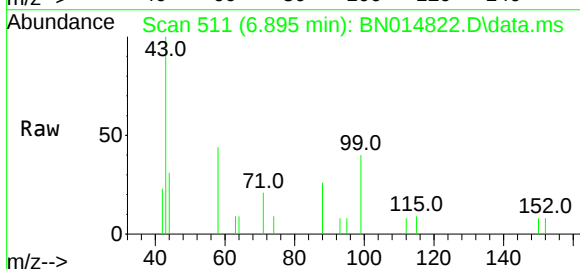
Instrument :  
BNA\_N  
ClientSampleId :  
PB136126BL

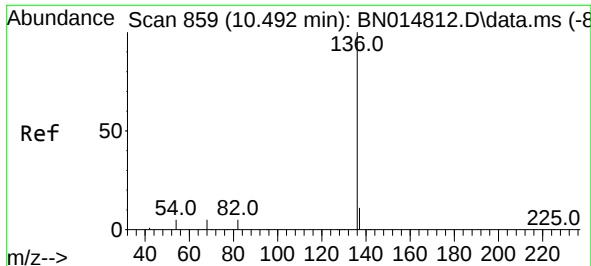
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 458   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 57.4  | 43.6  | 65.4  |
| 63       | 29.3  | 25.0  | 37.6  |



#5  
Phenol-d6  
Concen: 0.23 ng  
RT: 6.895 min Scan# 511  
Delta R.T. 0.008 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 441   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 13.6  | 10.2  | 15.2  |
| 71       | 44.0  | 32.4  | 48.6  |

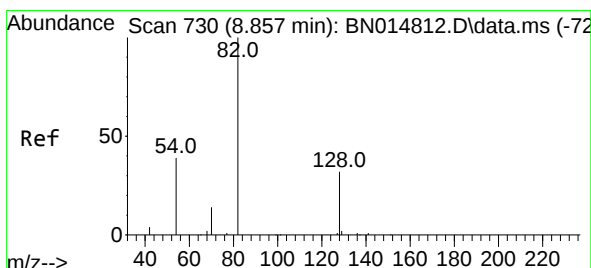
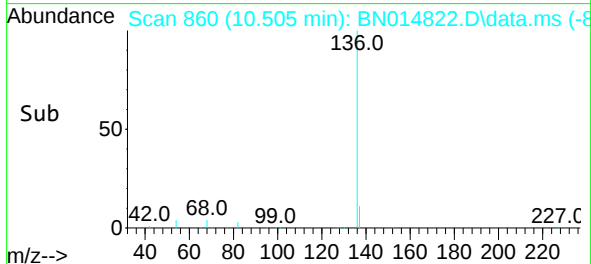
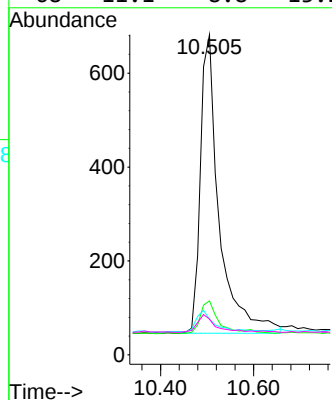
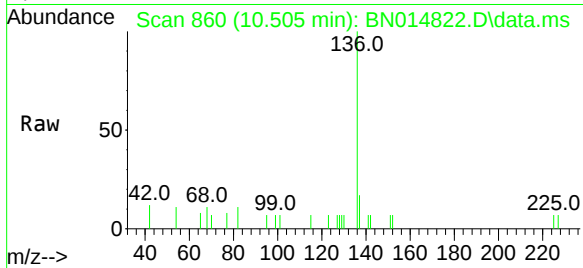




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.505 min Scan# 860  
Delta R.T. 0.013 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

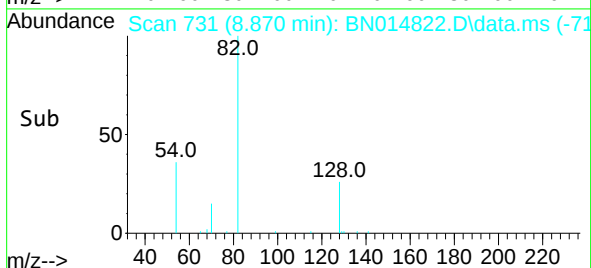
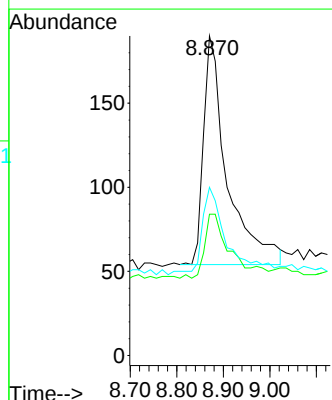
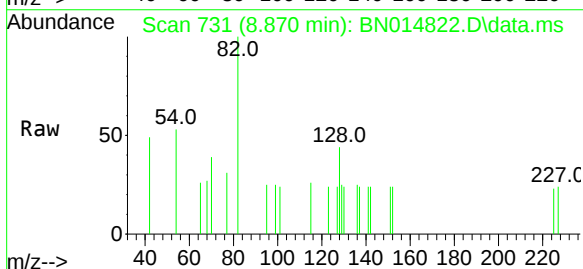
Instrument :  
BNA\_N  
ClientSampleId :  
PB136126BL

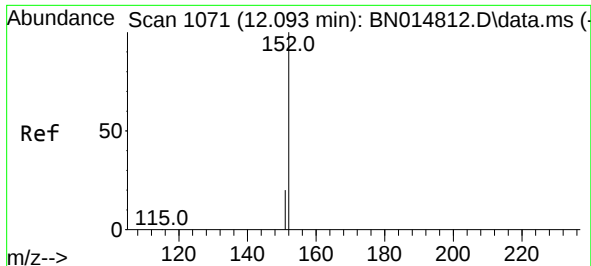
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1786  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 16.9  | 13.2  | 19.8  |
| 54       | 11.1  | 9.0   | 13.4  |
| 68       | 11.1  | 8.8   | 13.2  |



#8  
Nitrobenzene-d5  
Concen: 0.32 ng  
RT: 8.870 min Scan# 731  
Delta R.T. 0.013 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 481   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.2  | 34.2  | 51.2  |
| 54       | 52.6  | 38.4  | 57.6  |

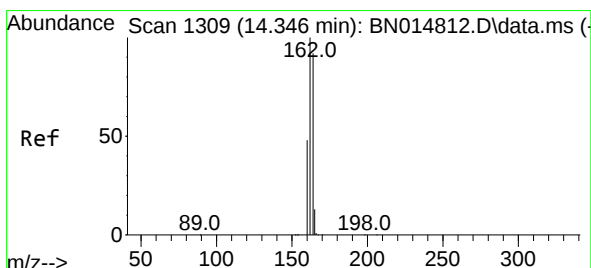
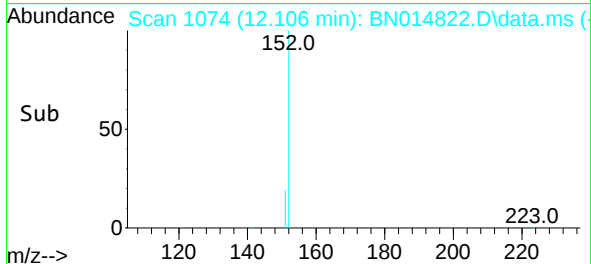
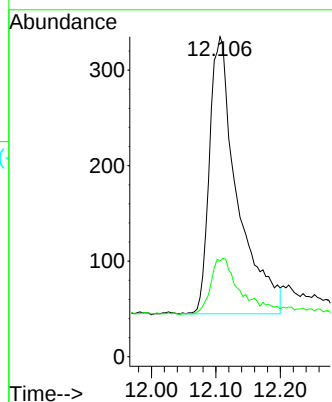
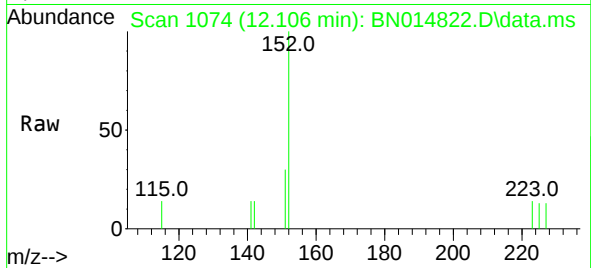




#11  
2-Methylnaphthalene-d10  
Concen: 0.26 ng  
RT: 12.106 min Scan# 1074  
Delta R.T. 0.013 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

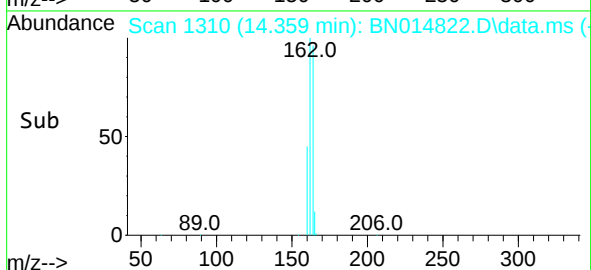
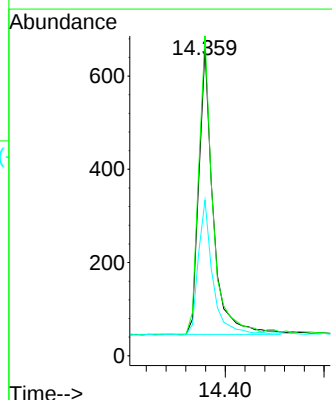
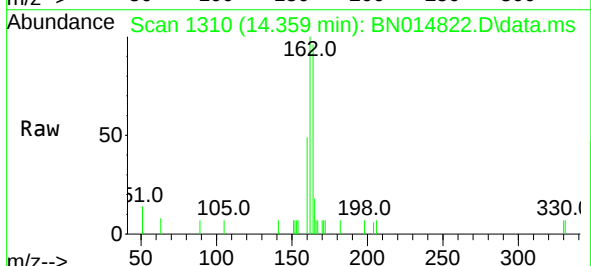
Instrument :  
BNA\_N  
ClientSampleId :  
PB136126BL

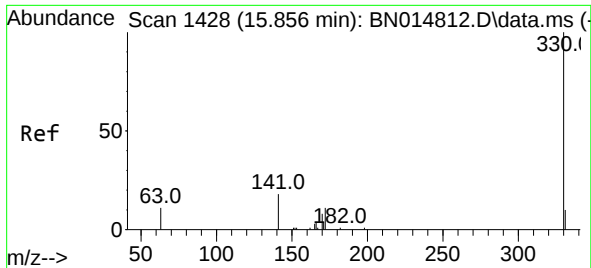
Tgt Ion:152 Resp: 867  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.359 min Scan# 1310  
Delta R.T. 0.013 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

Tgt Ion:164 Resp: 1233  
Ion Ratio Lower Upper  
164 100  
162 104.1 83.2 124.8  
160 50.7 41.8 62.6

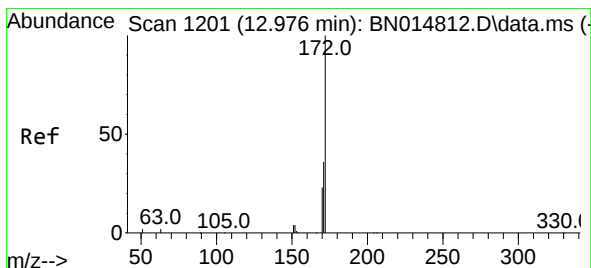
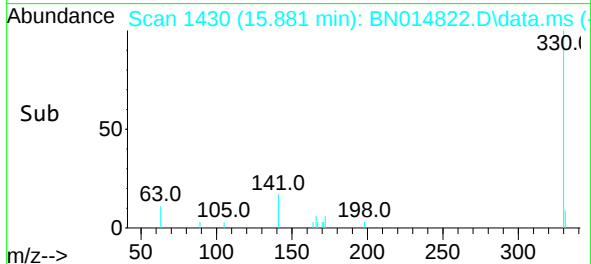
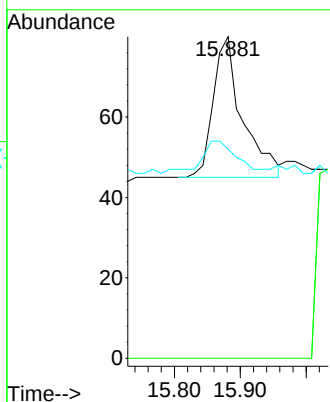
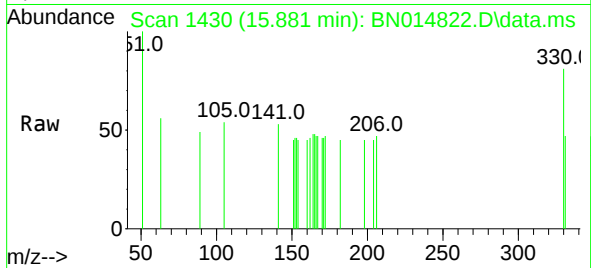




#14  
2,4,6-Tribromophenol  
Concen: 0.17 ng  
RT: 15.881 min Scan# 1430  
Delta R.T. 0.025 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

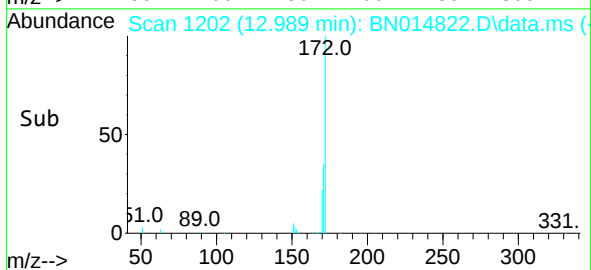
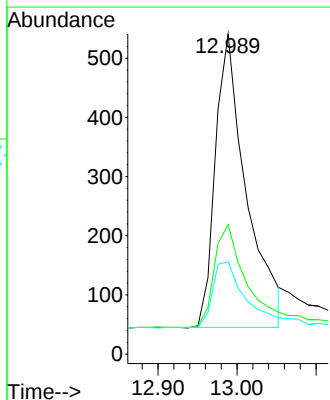
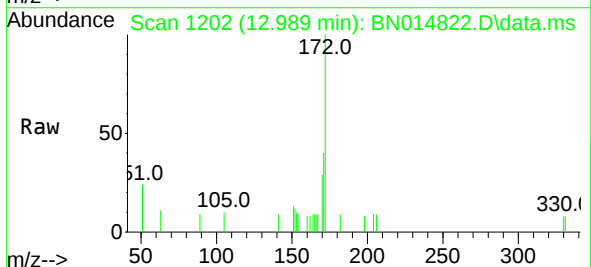
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BNA\_N  
ClientSampleId :  
PB136126BL

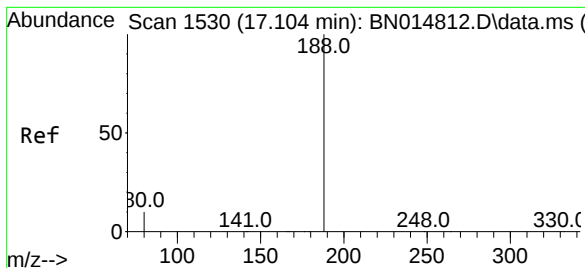
Tgt Ion: 330 Resp: 107  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 0.0 21.8 32.6#



#15  
2-Fluorobiphenyl  
Concen: 0.30 ng  
RT: 12.989 min Scan# 1202  
Delta R.T. 0.013 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

Tgt Ion: 172 Resp: 1352  
Ion Ratio Lower Upper  
172 100  
171 40.5 30.9 46.3  
170 28.8 21.4 32.0

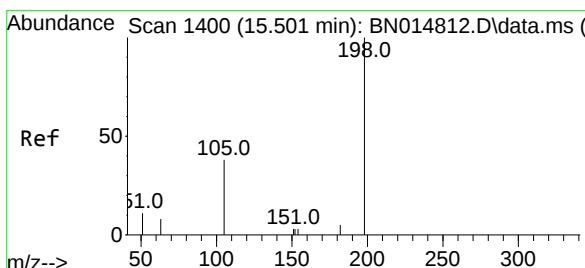
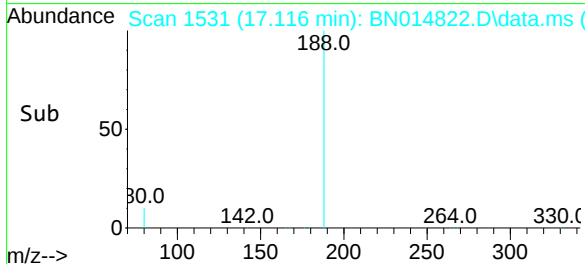
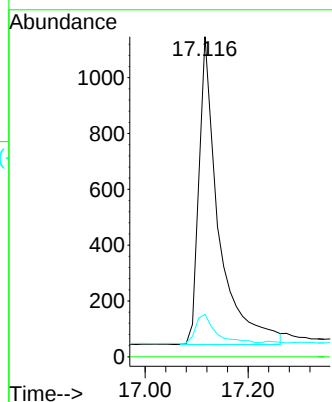
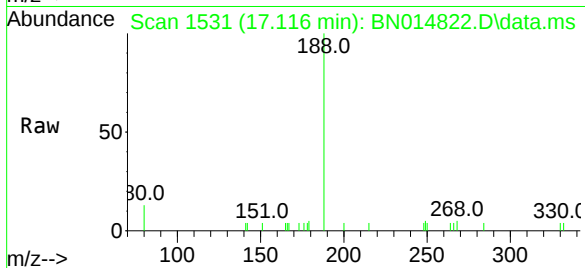




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.116 min Scan# 1531  
Delta R.T. 0.012 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

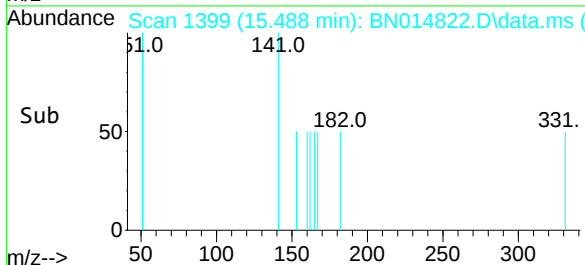
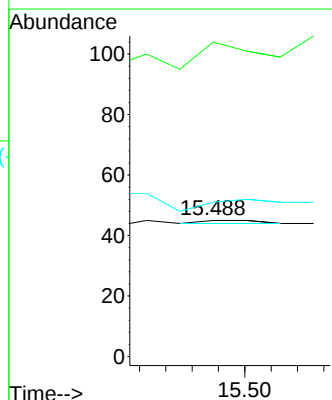
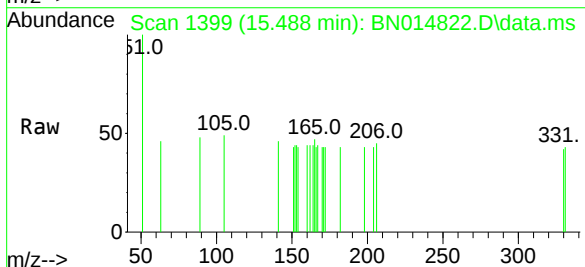
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ClientSampleId :  
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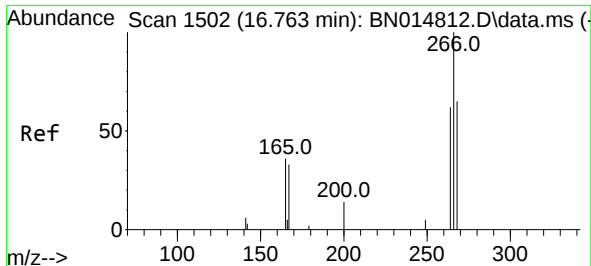
Tgt Ion:188 Resp: 2929  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.3 8.2 12.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.23 ng  
RT: 15.488 min Scan# 1399  
Delta R.T. -0.013 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

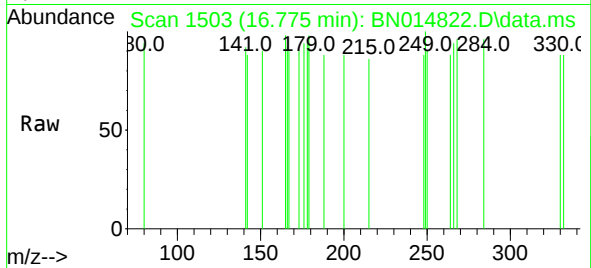
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Ion Ratio Lower Upper  
198 100  
51 231.1 96.4 144.6#  
105 113.3 72.3 108.5#



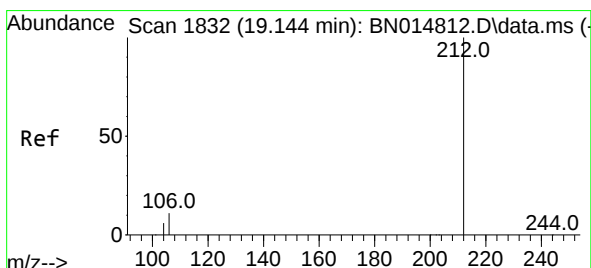
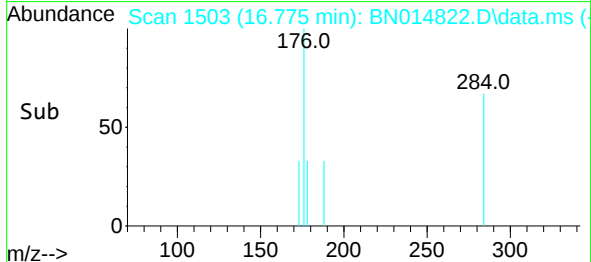
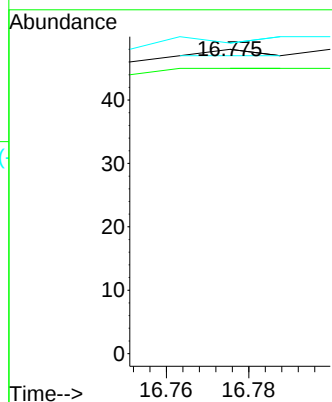


#24  
Pentachlorophenol  
Concen: 0.24 ng  
RT: 16.775 min Scan# 1503  
Delta R.T. 0.012 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

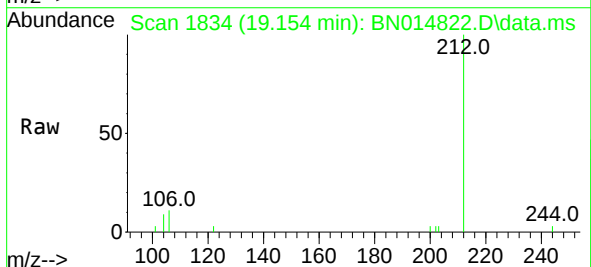
Instrument :  
BNA\_N  
ClientSampleId :  
PB136126BL



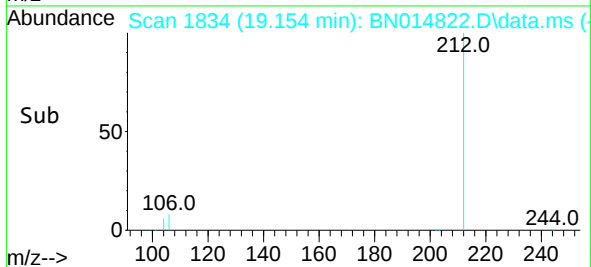
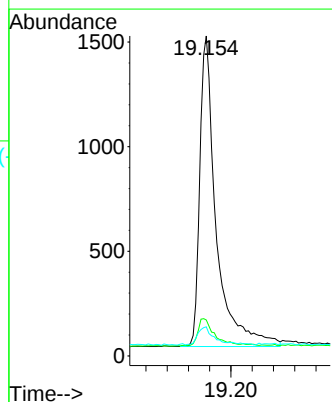
Tgt Ion:266 Resp: 1  
Ion Ratio Lower Upper  
266 100  
264 0.0 44.2 66.2#  
268 0.0 44.2 66.2#

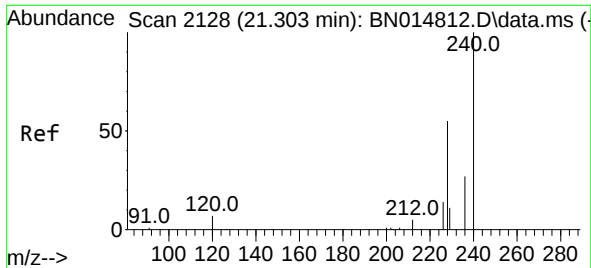


#27  
Fluoranthene-d10  
Concen: 0.30 ng  
RT: 19.154 min Scan# 1834  
Delta R.T. 0.010 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53



Tgt Ion:212 Resp: 3183  
Ion Ratio Lower Upper  
212 100  
106 9.0 7.4 11.2  
104 5.3 4.1 6.1

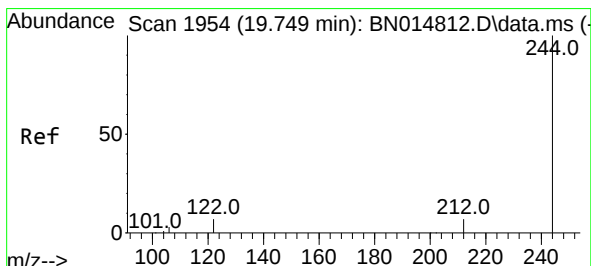
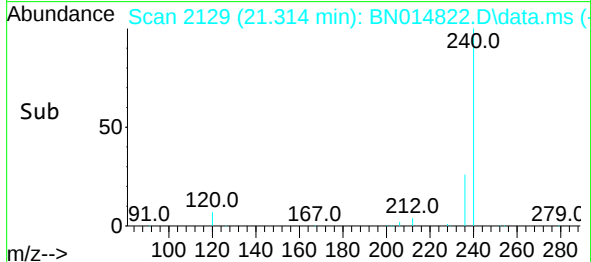
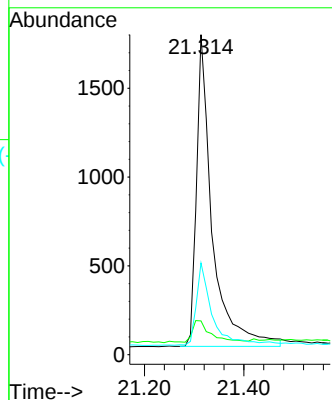
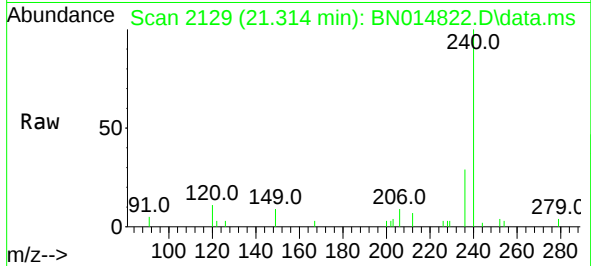




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.314 min Scan# 2129  
Delta R.T. 0.011 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

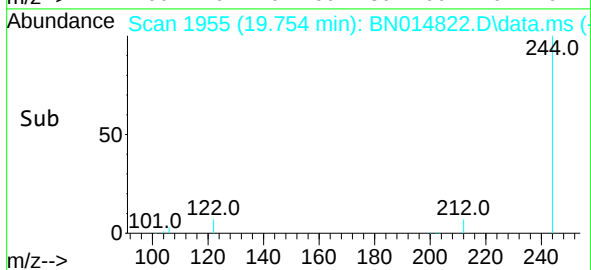
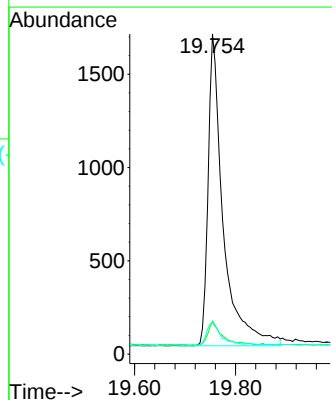
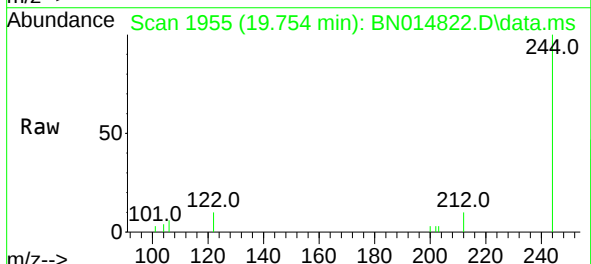
Instrument :  
BNA\_N  
ClientSampleId :  
PB136126BL

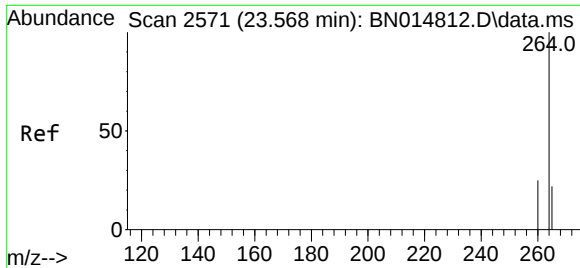
Tgt Ion:240 Resp: 3854  
Ion Ratio Lower Upper  
240 100  
120 10.5 5.2 7.8#  
236 28.6 21.6 32.4



#31  
Terphenyl-d14  
Concen: 0.38 ng  
RT: 19.754 min Scan# 1955  
Delta R.T. 0.005 min  
Lab File: BN014822.D  
Acq: 02 Jun 2021 11:53

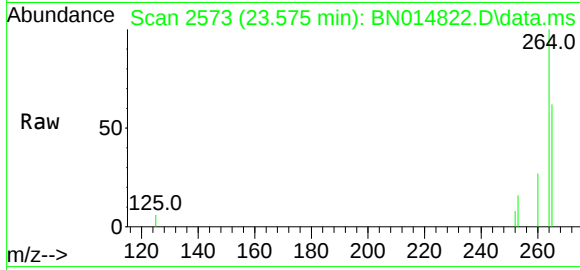
Tgt Ion:244 Resp: 3466  
Ion Ratio Lower Upper  
244 100  
212 10.3 6.8 10.2#  
122 9.8 6.6 9.8





#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.575 min Scan# 2573  
 Delta R.T. 0.007 min  
 Lab File: BN014822.D  
 Acq: 02 Jun 2021 11:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136126BL



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 3967  |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.9  | 21.4  | 32.2  |
| 265       | 61.9  | 40.9  | 61.3# |

