

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052721\  
 Data File : BN014796.D  
 Acq On : 27 May 2021 17:28  
 Operator : CG/JU  
 Sample : PB136418BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136418BL

Quant Time: May 27 18:06:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN052621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 01:39:07 2021  
 Response via : Initial Calibration

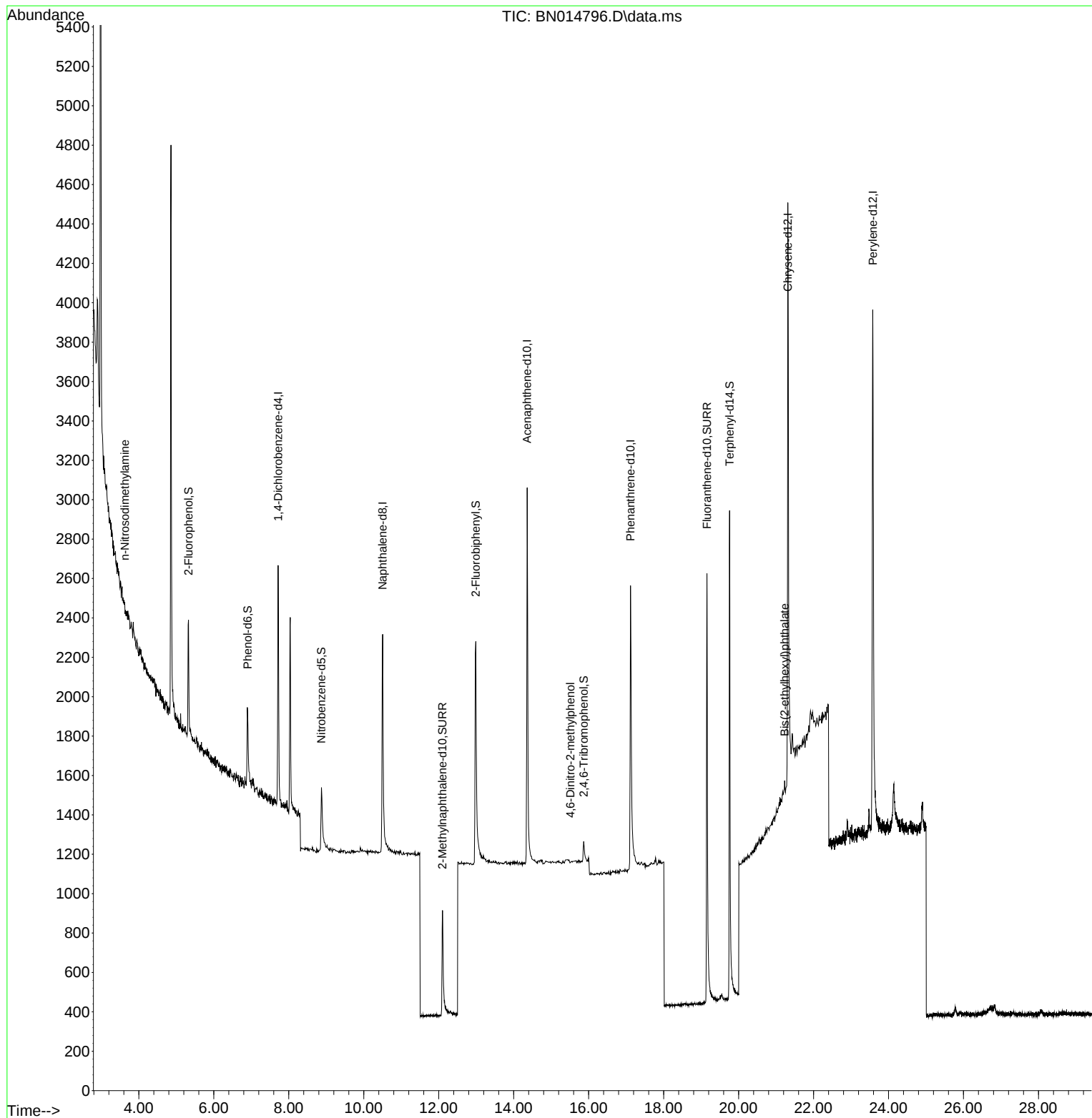
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 604      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.505 | 136  | 2037     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.359 | 164  | 1450     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.116 | 188  | 3271     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.314 | 240  | 4222     | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.578 | 264  | 4536     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.324  | 112  | 555      | 0.34 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.903  | 99   | 516      | 0.23 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 556      | 0.30 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.097 | 152  | 1099     | 0.27 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.869 | 330  | 139      | 0.17 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.988 | 172  | 1604     | 0.30 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.153 | 212  | 3644     | 0.28 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.759 | 244  | 3705     | 0.37 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 3) n-Nitrosodimethylamine     | 3.625  | 42   | 15       | 0.25 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.513 | 198  | 3        | 0.03 | ng    | # 69     |
| 34) Bis(2-ethylhexyl)phtha... | 21.229 | 149  | 91       | 0.02 | ng    | # 85     |
| -----                         |        |      |          |      |       |          |

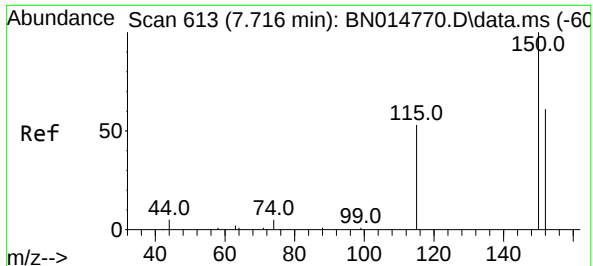
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052721\  
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Sample : PB136418BL  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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PB136418BL

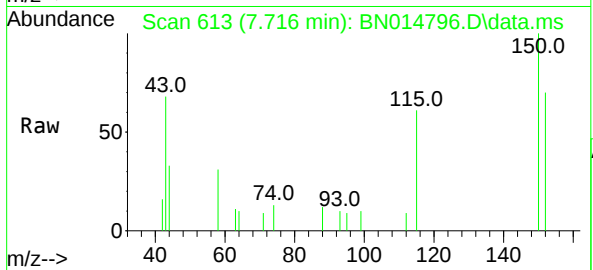
Quant Time: May 27 18:06:14 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN052621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 27 01:39:07 2021  
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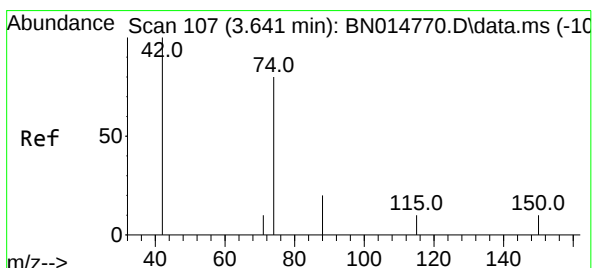
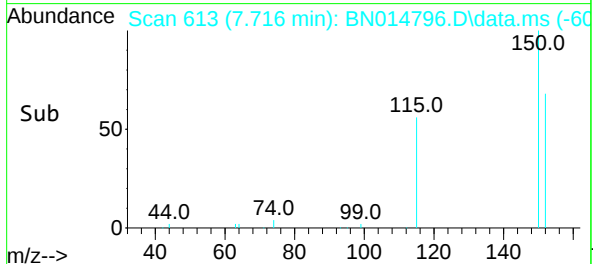
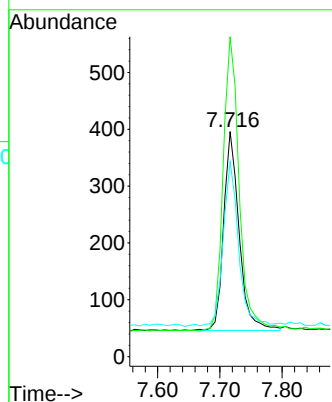


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.716 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

Instrument :  
BNA\_N  
ClientSampleId :  
PB136418BL

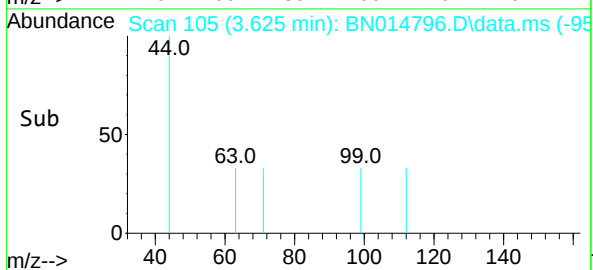
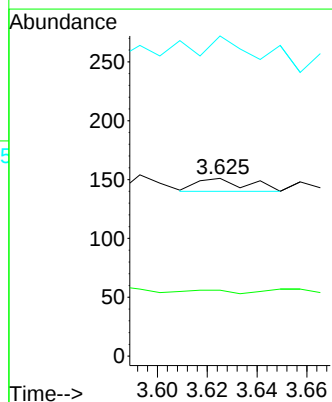
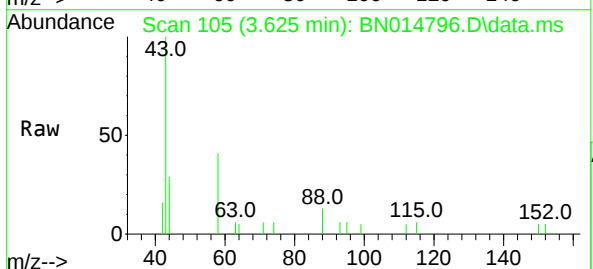


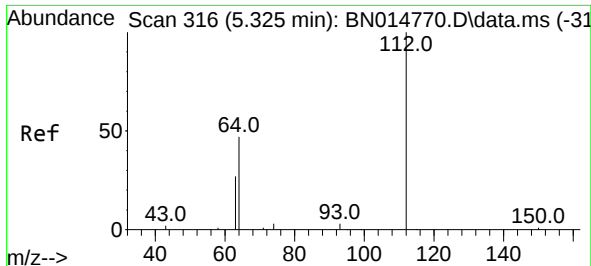
Tgt Ion:152 Resp: 604  
Ion Ratio Lower Upper  
152 100  
150 142.2 123.4 185.2  
115 86.6 73.2 109.8



#3  
n-Nitrosodimethylamine  
Concen: 0.25 ng  
RT: 3.625 min Scan# 105  
Delta R.T. -0.016 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

Tgt Ion: 42 Resp: 15  
Ion Ratio Lower Upper  
42 100  
74 20.0 0.0 0.0#  
44 406.7 80.0 120.0#

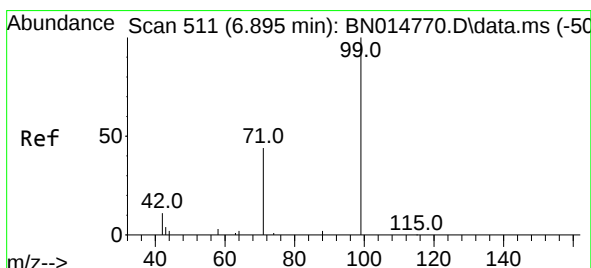
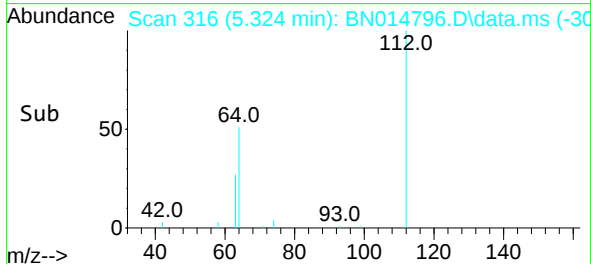
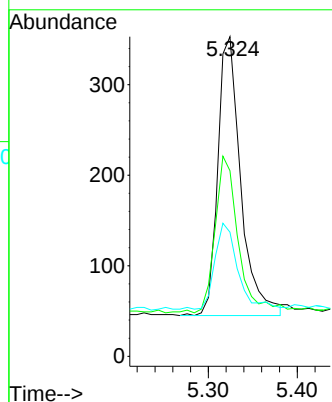
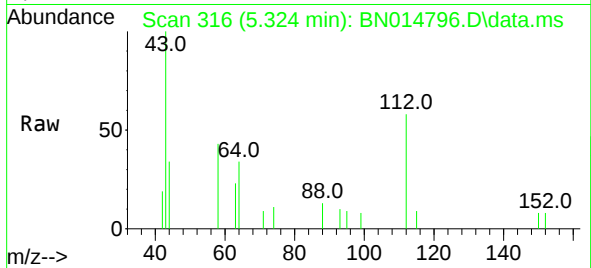




#4  
2-Fluorophenol  
Concen: 0.34 ng  
RT: 5.324 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

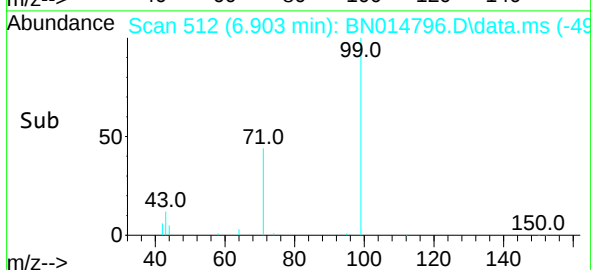
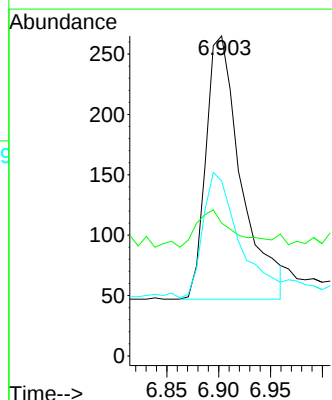
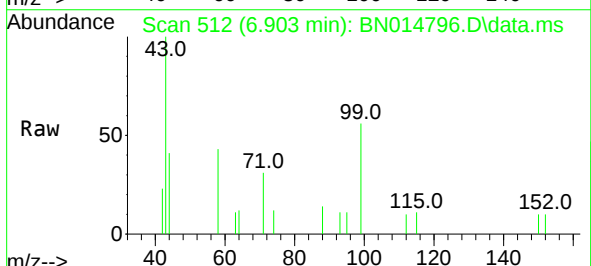
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ClientSampleId :  
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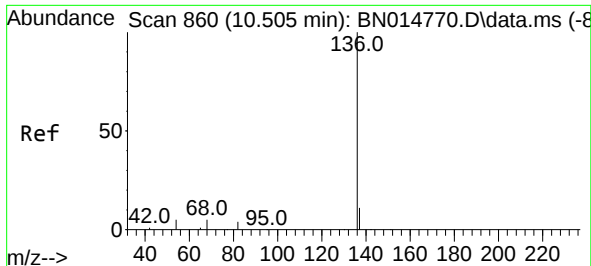
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 555   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 56.8  | 43.6  | 65.4  |
| 63       | 30.6  | 25.0  | 37.6  |



#5  
Phenol-d6  
Concen: 0.23 ng  
RT: 6.903 min Scan# 512  
Delta R.T. 0.008 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 516   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 11.6  | 10.2  | 15.2  |
| 71       | 49.8  | 32.4  | 48.6  |

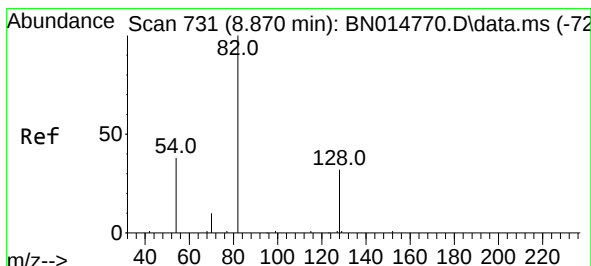
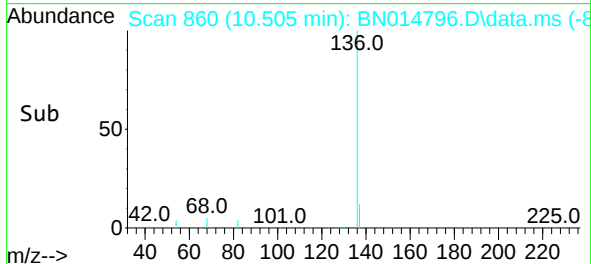
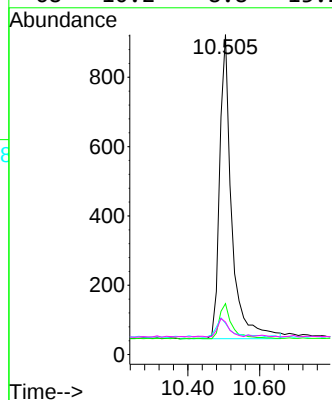
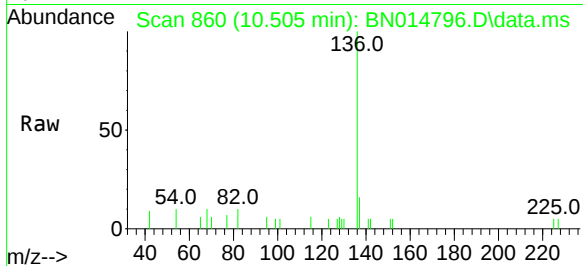




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.505 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

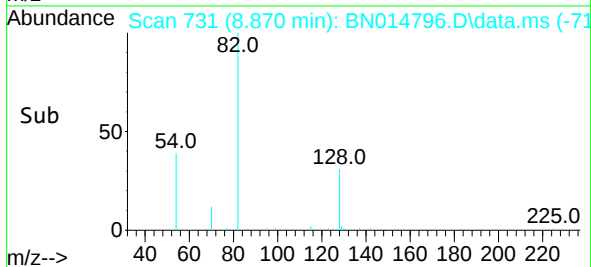
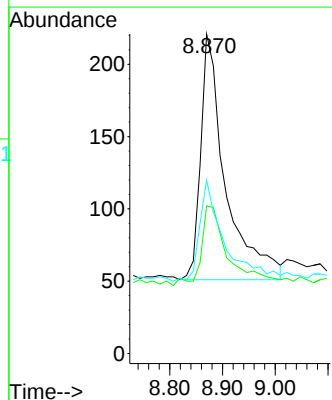
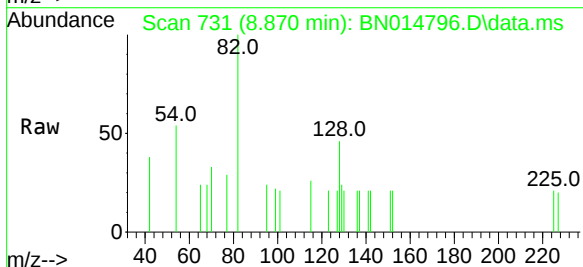
Instrument :  
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PB136418BL

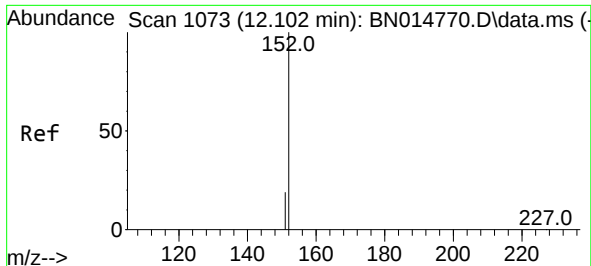
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2037  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.9  | 13.2  | 19.8  |
| 54       | 9.8   | 9.0   | 13.4  |
| 68       | 10.2  | 8.8   | 13.2  |



#8  
Nitrobenzene-d5  
Concen: 0.30 ng  
RT: 8.870 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 556   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.2  | 34.2  | 51.2  |
| 54       | 54.3  | 38.4  | 57.6  |

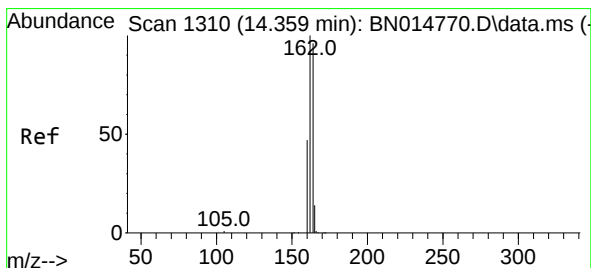
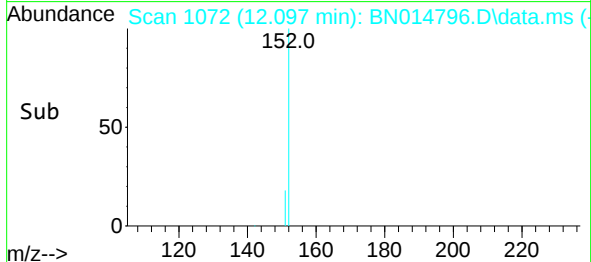
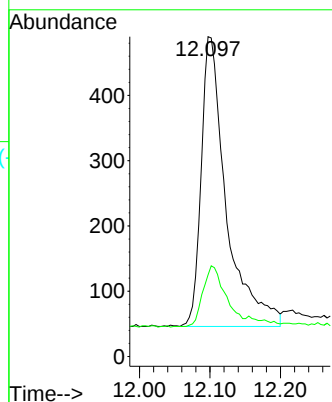
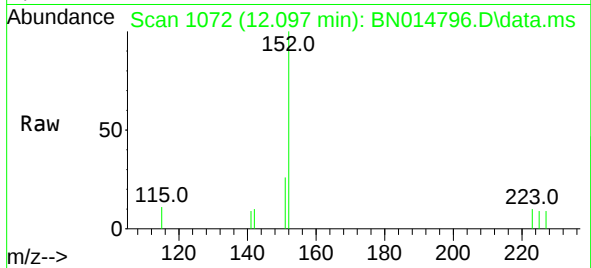




#11  
2-Methylnaphthalene-d10  
Concen: 0.27 ng  
RT: 12.097 min Scan# 1072  
Delta R.T. -0.005 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

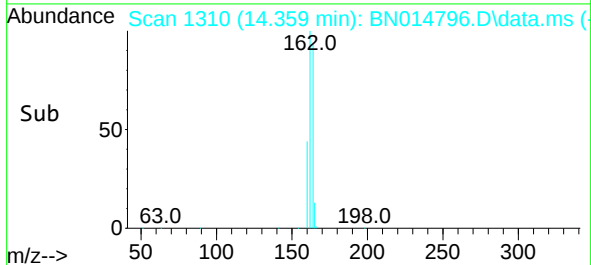
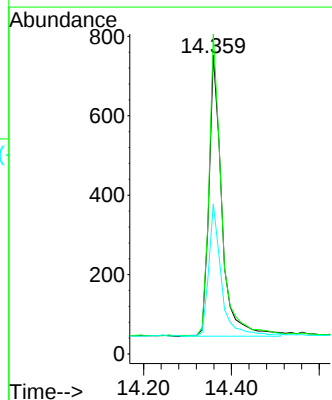
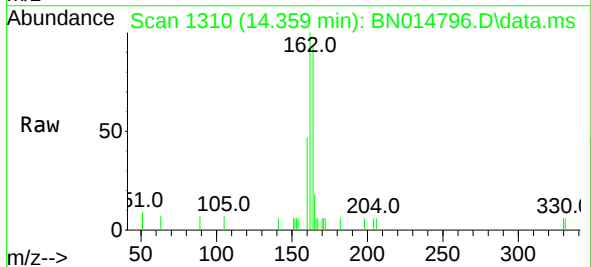
Instrument :  
BNA\_N  
ClientSampleId :  
PB136418BL

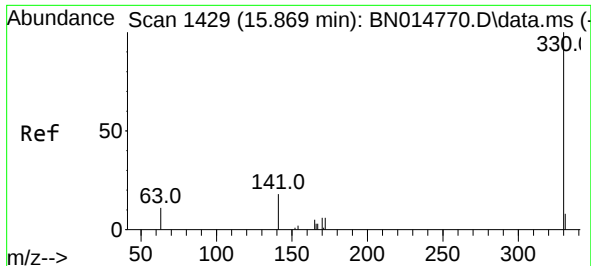
Tgt Ion:152 Resp: 1099  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.359 min Scan# 1310  
Delta R.T. -0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

Tgt Ion:164 Resp: 1450  
Ion Ratio Lower Upper  
164 100  
162 107.0 83.2 124.8  
160 50.2 41.8 62.6

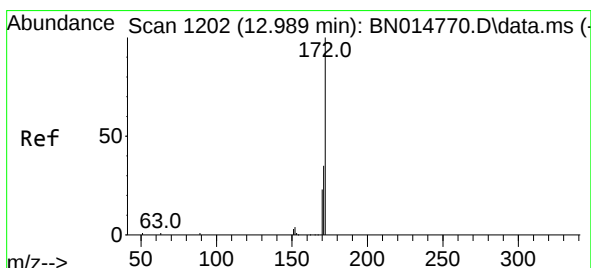
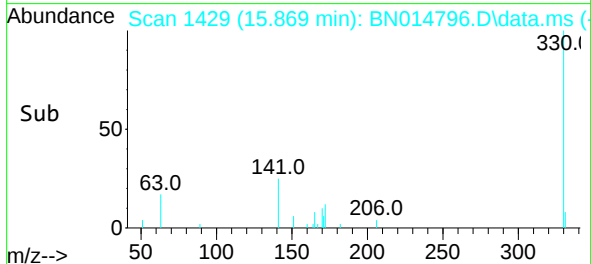
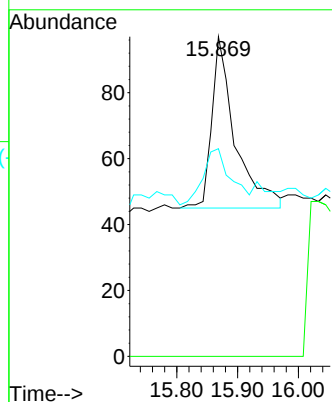
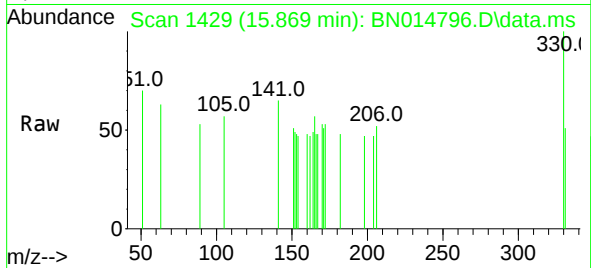




#14  
2,4,6-Tribromophenol  
Concen: 0.17 ng  
RT: 15.869 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

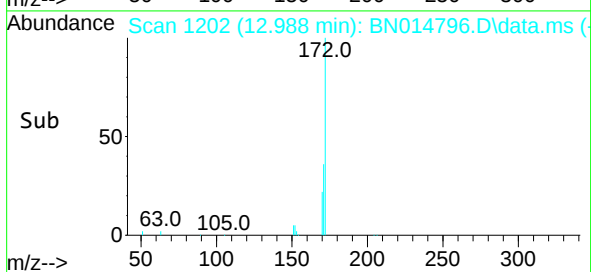
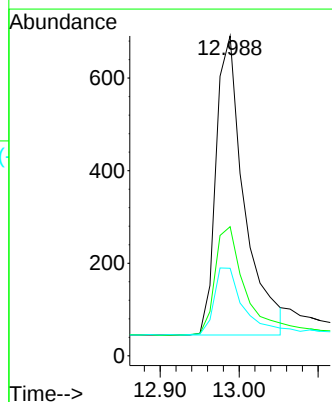
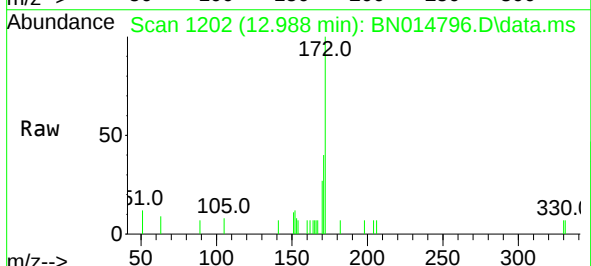
Instrument :  
BNA\_N  
ClientSampleId :  
PB136418BL

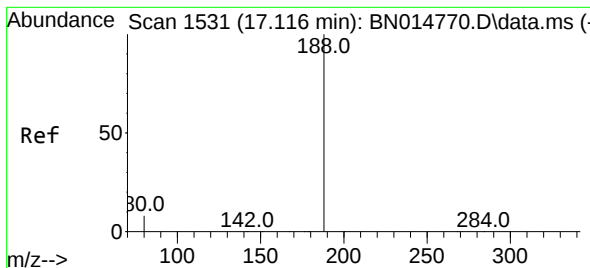
Tgt Ion:330 Resp: 139  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.8 21.8 32.6#



#15  
2-Fluorobiphenyl  
Concen: 0.30 ng  
RT: 12.988 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

Tgt Ion:172 Resp: 1604  
Ion Ratio Lower Upper  
172 100  
171 40.4 30.9 46.3  
170 27.4 21.4 32.0

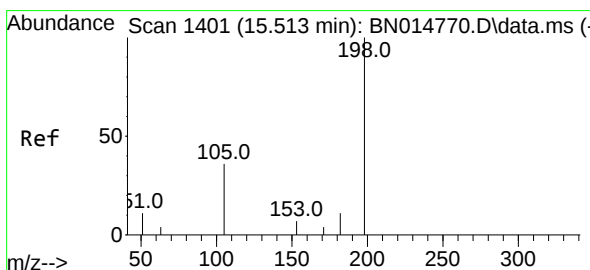
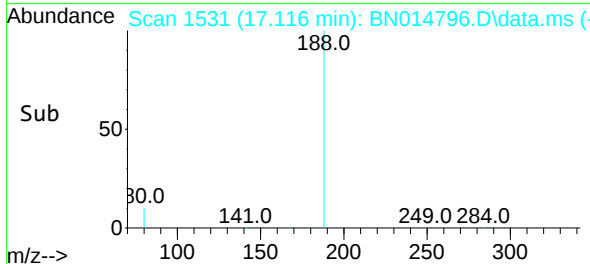
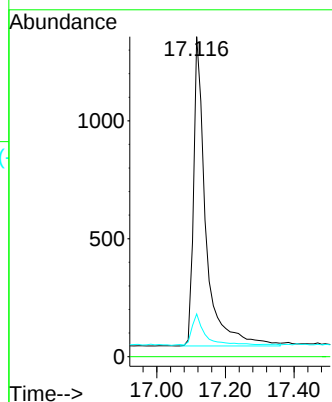
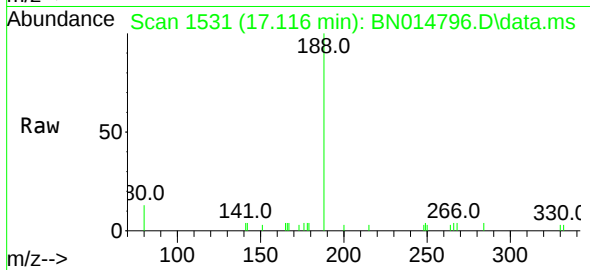




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.116 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

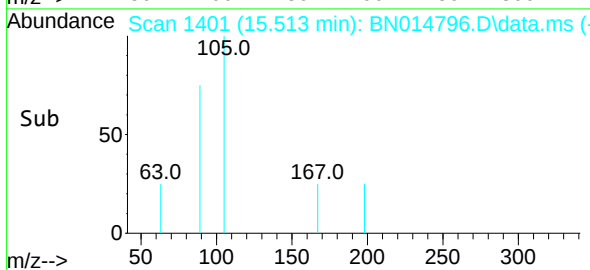
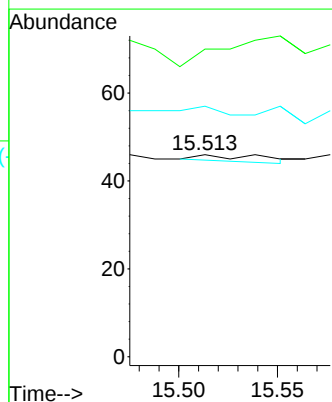
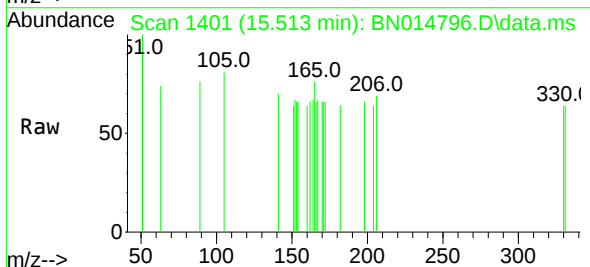
Instrument :  
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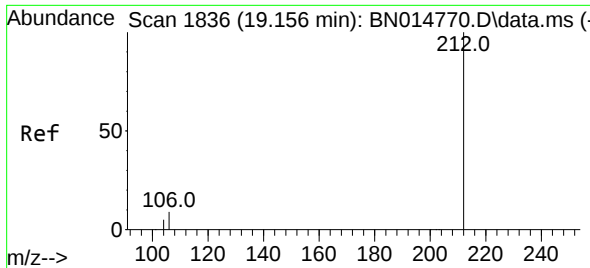
Tgt Ion:188 Resp: 3271  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.3 8.2 12.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.03 ng  
RT: 15.513 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
51 152.2 96.4 144.6#  
105 123.9 72.3 108.5#

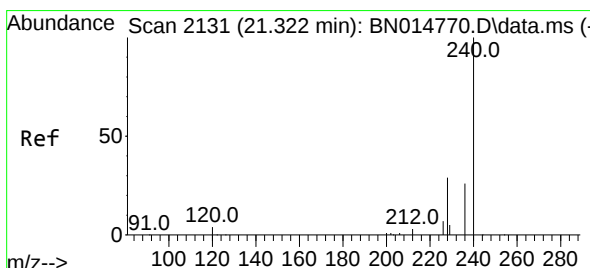
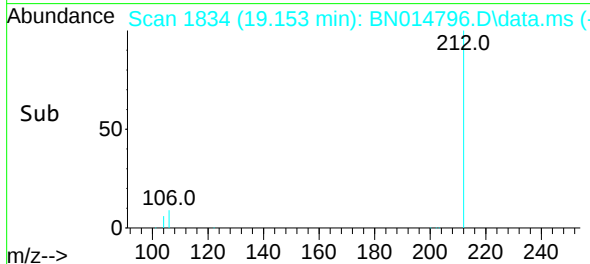
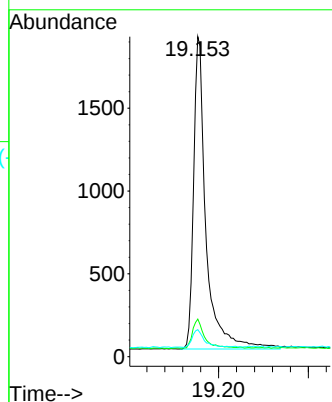
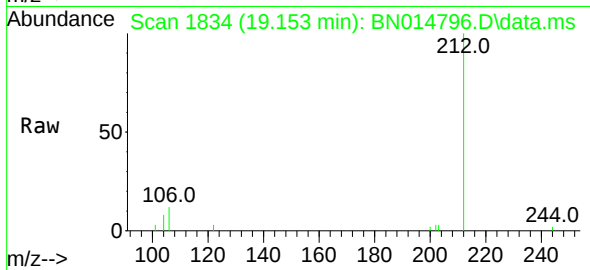




#27  
Fluoranthene-d10  
Concen: 0.28 ng  
RT: 19.153 min Scan# 1834  
Delta R.T. -0.002 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

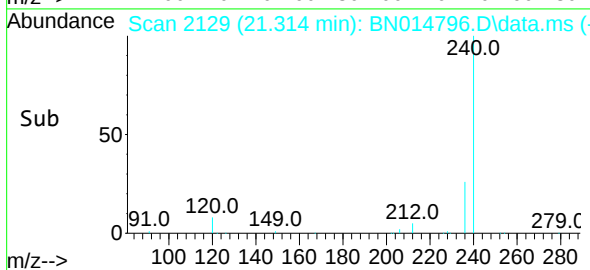
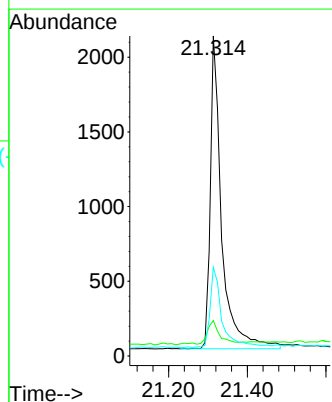
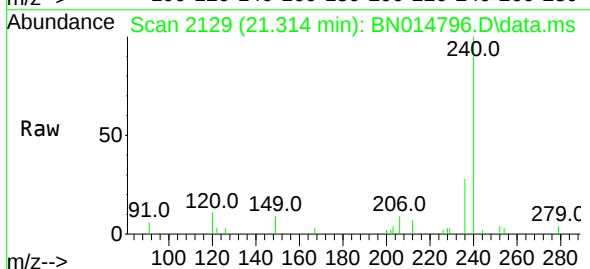
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BNA\_N  
ClientSampleId :  
PB136418BL

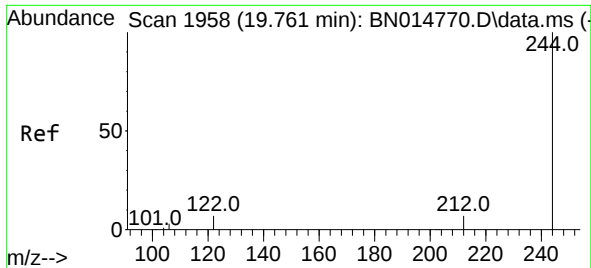
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Ion Ratio Lower Upper  
212 100  
106 8.9 7.4 11.2  
104 5.6 4.1 6.1



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.314 min Scan# 2129  
Delta R.T. -0.008 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

Tgt Ion:240 Resp: 4222  
Ion Ratio Lower Upper  
240 100  
120 11.1 5.2 7.8#  
236 27.8 21.6 32.4

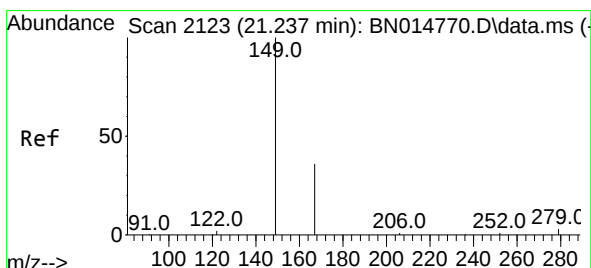
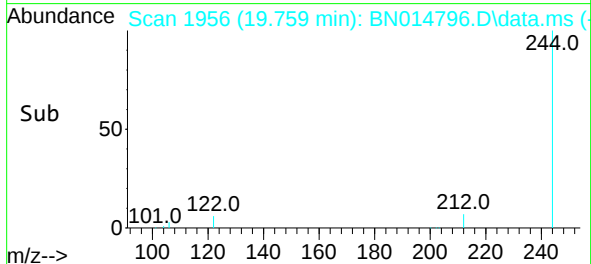
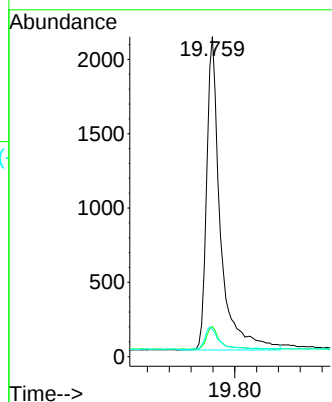
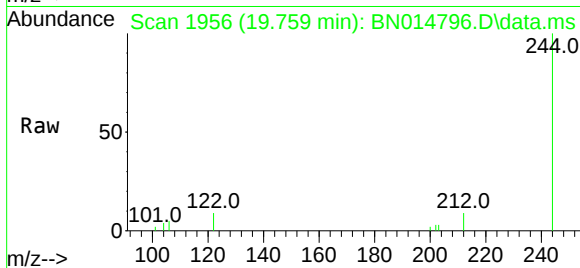




#31  
Terphenyl-d14  
Concen: 0.37 ng  
RT: 19.759 min Scan# 1956  
Delta R.T. -0.002 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

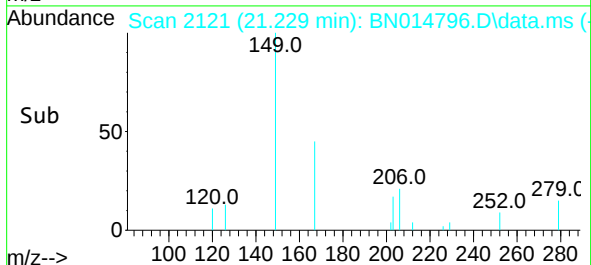
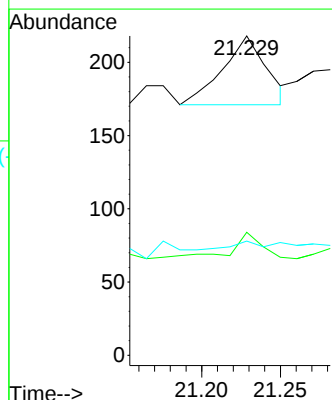
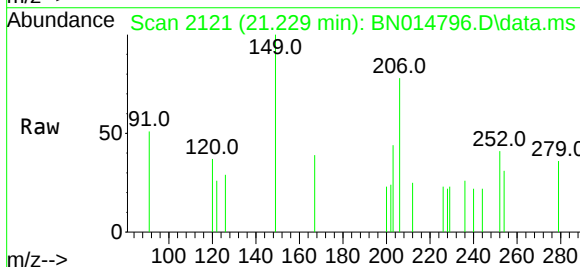
Instrument :  
BNA\_N  
ClientSampleId :  
PB136418BL

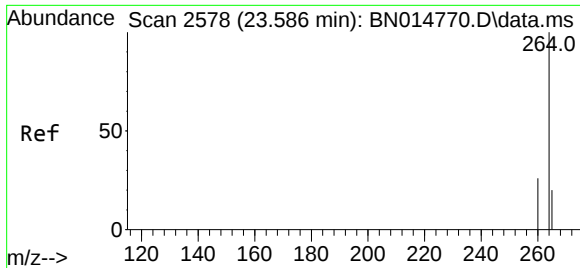
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 3705     |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 9.4   | 6.8 10.2 |
| 122         | 8.6   | 6.6 9.8  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.02 ng  
RT: 21.229 min Scan# 2121  
Delta R.T. -0.008 min  
Lab File: BN014796.D  
Acq: 27 May 2021 17:28

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:149 | Resp: | 91         |
| Ion Ratio   | Lower | Upper      |
| 149         | 100   |            |
| 167         | 26.4  | 28.3 42.5# |
| 279         | 12.1  | 5.5 8.3#   |





#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.578 min Scan# 2574  
 Delta R.T. -0.008 min  
 Lab File: BN014796.D  
 Acq: 27 May 2021 17:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136418BL

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 4536 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 27.6  | 21.4  | 32.2 |
| 265       | 59.7  | 40.9  | 61.3 |

