

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051021\  
 Data File : BN014552.D  
 Acq On : 10 May 2021 11:56  
 Operator : CG/JU  
 Sample : PB136257BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136257BL

Quant Time: May 10 12:37:01 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 07 17:32:10 2021  
 Response via : Initial Calibration

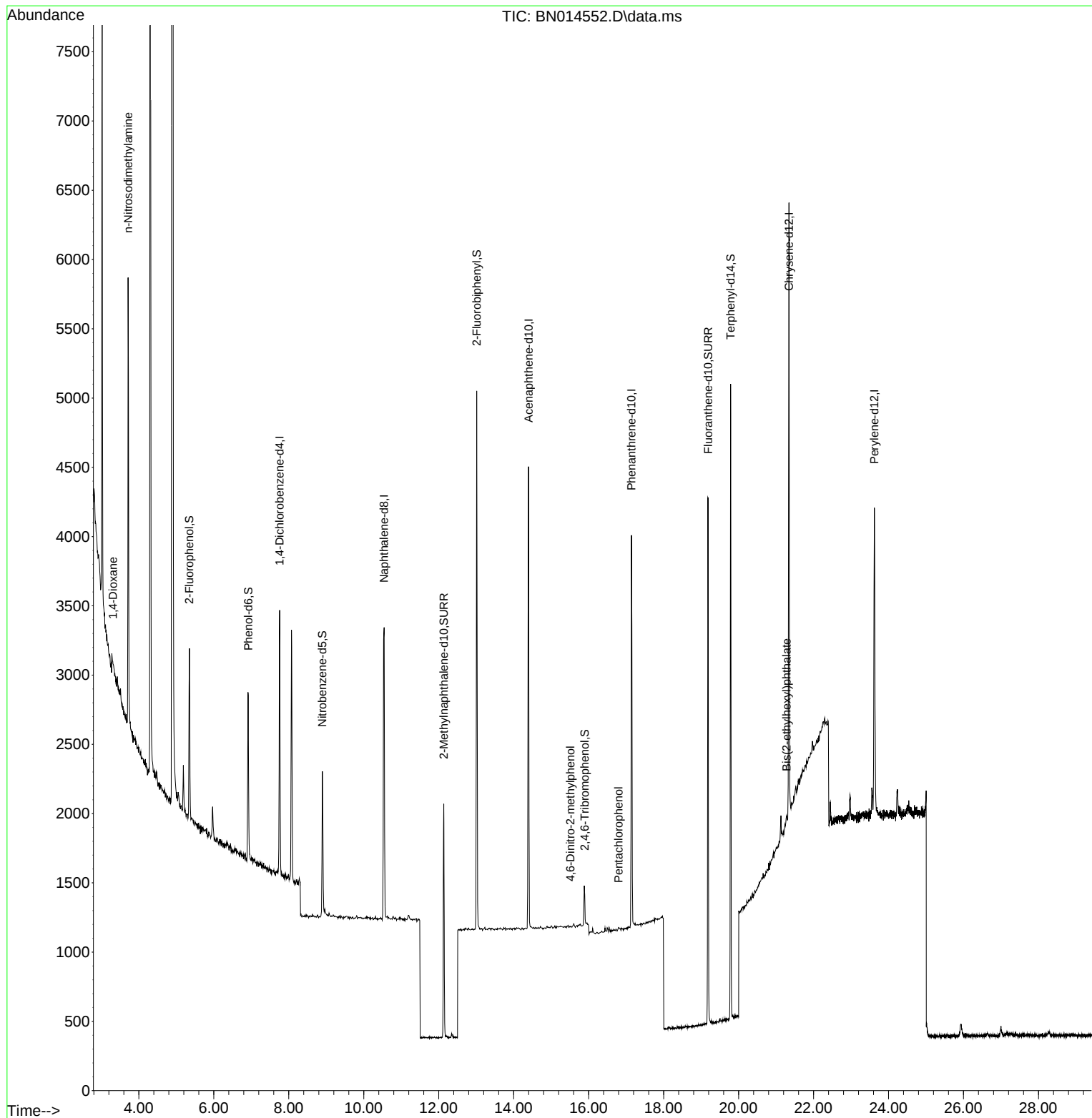
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.757  | 152  | 864      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.543 | 136  | 3100     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.397 | 164  | 1963     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.140 | 188  | 4066     | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.343 | 240  | 4100     | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.623 | 264  | 2896     | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.349  | 112  | 966      | 0.40 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.919  | 99   | 1222     | 0.36 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.895  | 82   | 973      | 0.38 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.133 | 152  | 2226     | 0.30 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.894 | 330  | 266      | 0.30 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.014 | 172  | 3188     | 0.45 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.186 | 212  | 4620     | 0.27 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.786 | 244  | 4779     | 0.47 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.311  | 88   | 43       | 0.04 | ng    | # 32     |
| 3) n-Nitrosodimethylamine     | 3.714  | 42   | 180      | 0.48 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.514 | 198  | 5        | 0.21 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.799 | 266  | 27       | 0.03 | ng    | # 70     |
| 34) Bis(2-ethylhexyl)phtha... | 21.279 | 149  | 128      | 0.03 | ng    | # 50     |
| -----                         |        |      |          |      |       |          |

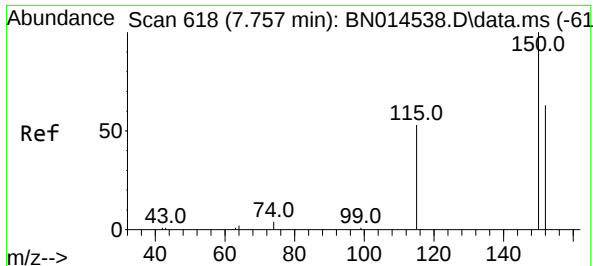
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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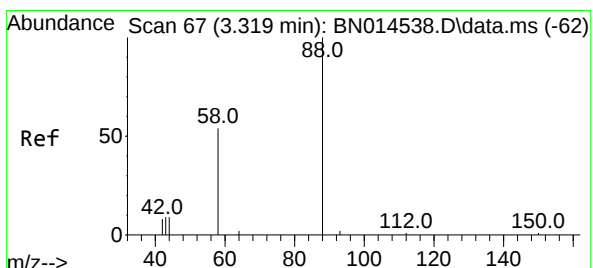
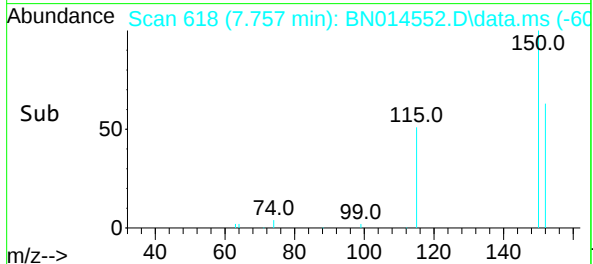
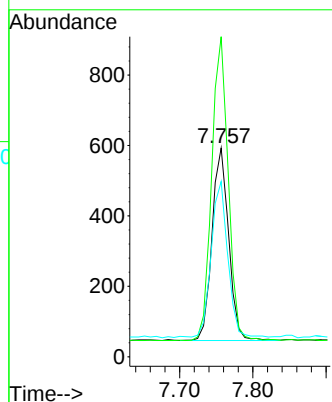
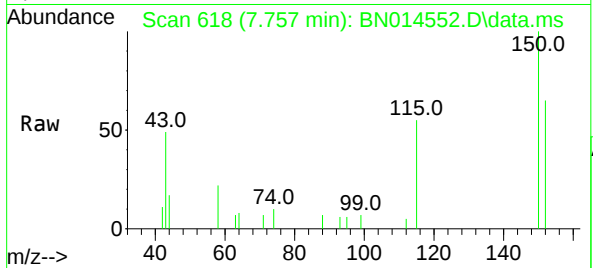




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.757 min Scan# 618  
 Delta R.T. -0.000 min  
 Lab File: BN014552.D  
 Acq: 10 May 2021 11:56

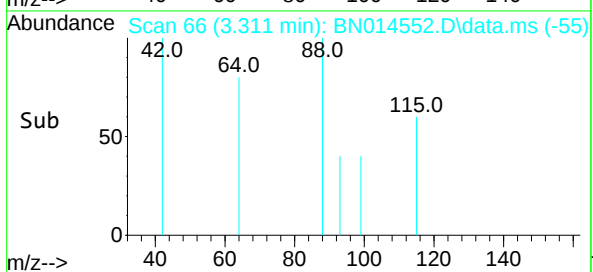
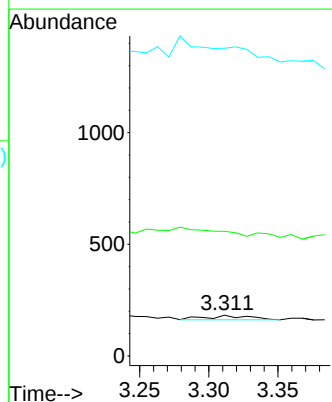
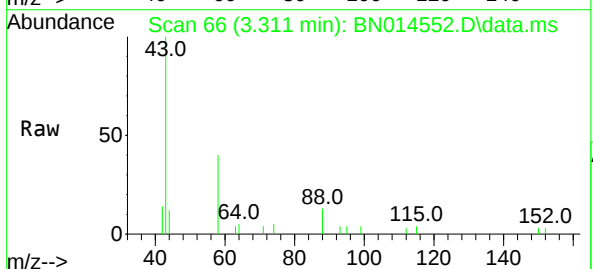
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136257BL

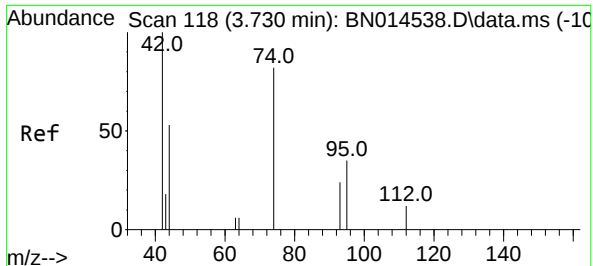
Tgt Ion:152 Resp: 864  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 123.8 185.8  
 115 84.0 47.0 70.4#



#2  
 1,4-Dioxane  
 Concen: 0.04 ng  
 RT: 3.311 min Scan# 66  
 Delta R.T. -0.008 min  
 Lab File: BN014552.D  
 Acq: 10 May 2021 11:56

Tgt Ion: 88 Resp: 43  
 Ion Ratio Lower Upper  
 88 100  
 58 0.0 44.4 66.6#  
 43 0.0 15.9 23.9#



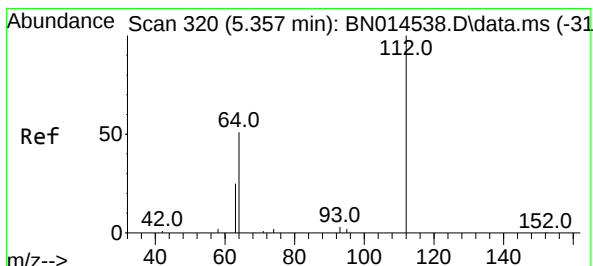
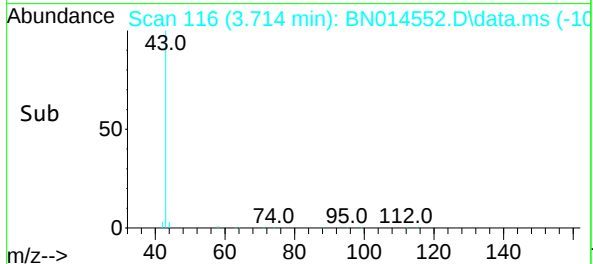
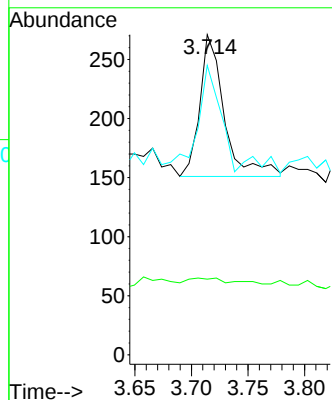
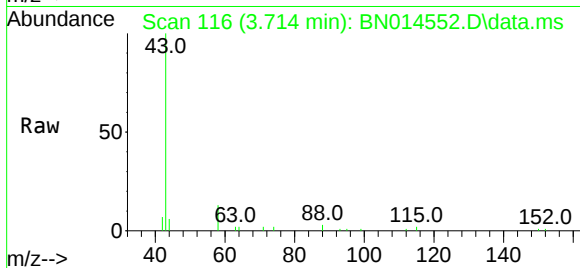


#3

n-Nitrosodimethylamine  
Concen: 0.48 ng  
RT: 3.714 min Scan# 116  
Delta R.T. -0.016 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Instrument :  
BNA\_N  
ClientSampleId :  
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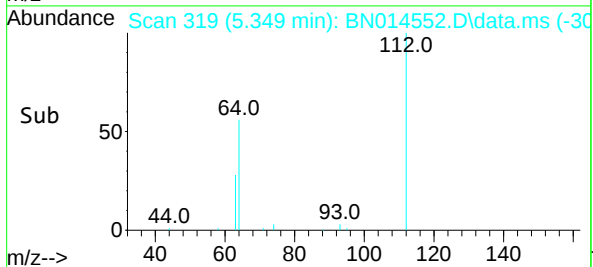
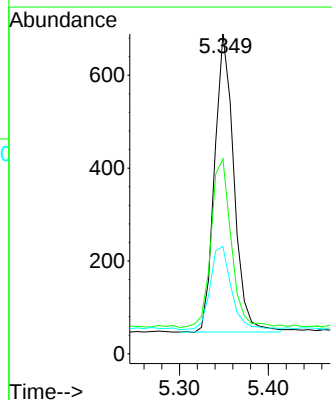
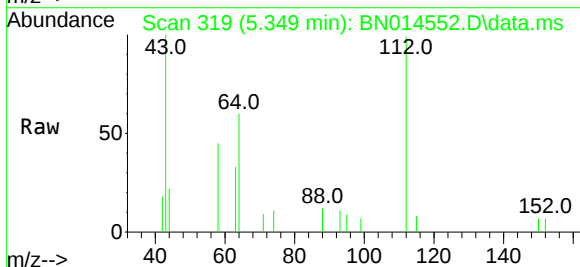
Tgt Ion: 42 Resp: 180  
Ion Ratio Lower Upper  
42 100  
74 7.8 175.1 262.7#  
44 57.2 7.5 11.3#

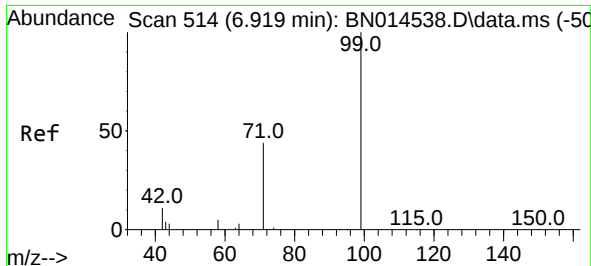


#4

2-Fluorophenol  
Concen: 0.40 ng  
RT: 5.349 min Scan# 319  
Delta R.T. -0.008 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Tgt Ion: 112 Resp: 966  
Ion Ratio Lower Upper  
112 100  
64 59.2 41.8 62.6  
63 30.8 22.0 33.0

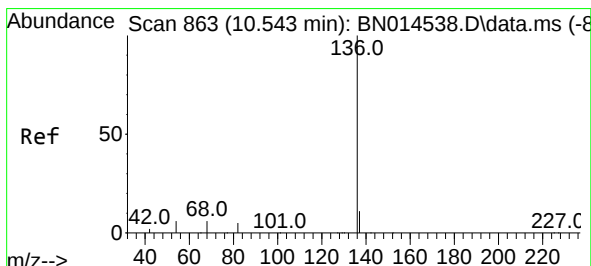
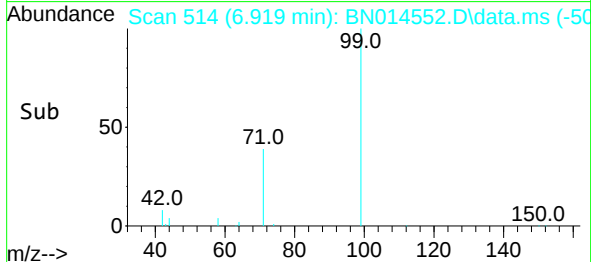
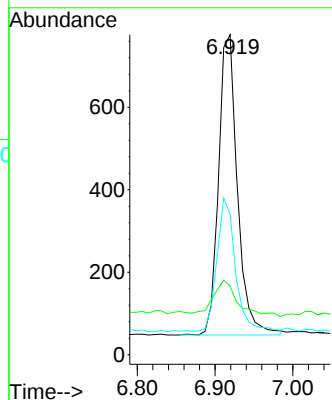
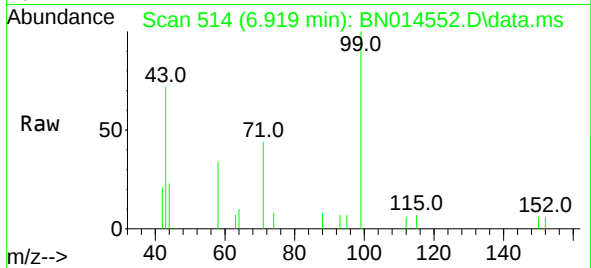




#5  
Phenol-d6  
Concen: 0.36 ng  
RT: 6.919 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

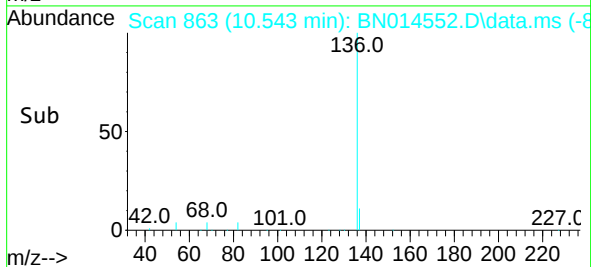
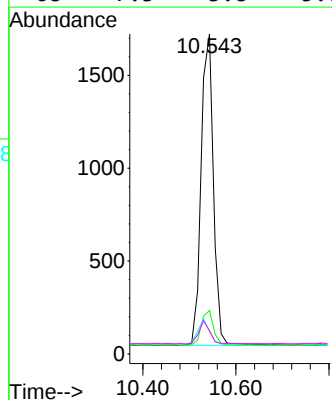
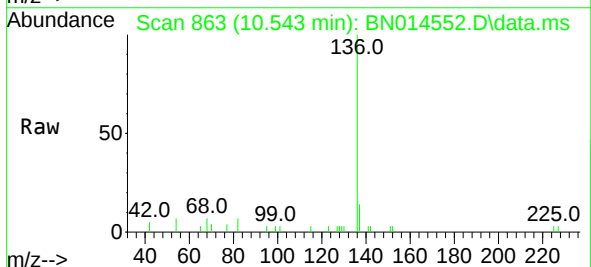
Instrument :  
BNA\_N  
ClientSampleId :  
PB136257BL

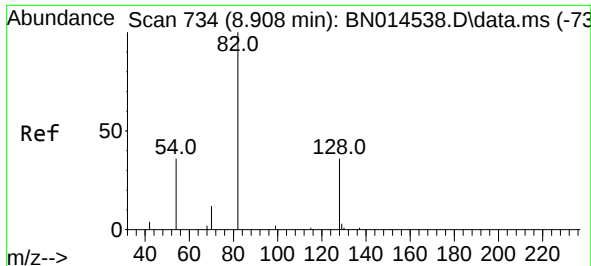
Tgt Ion: 99 Resp: 1222  
Ion Ratio Lower Upper  
99 100  
42 15.9 13.2 19.8  
71 44.4 26.2 39.2#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.543 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Tgt Ion: 136 Resp: 3100  
Ion Ratio Lower Upper  
136 100  
137 13.6 8.9 13.3#  
54 7.1 3.8 5.8#  
68 7.3 3.8 5.6#

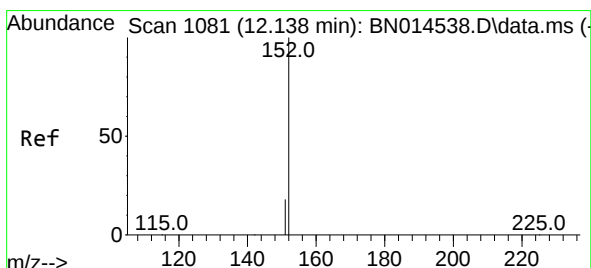
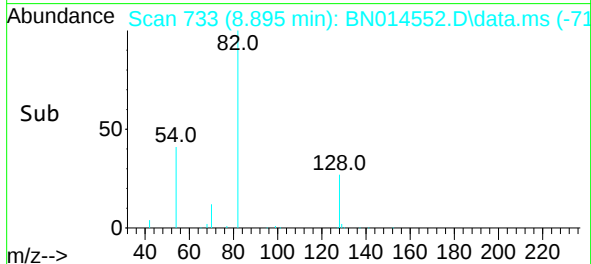
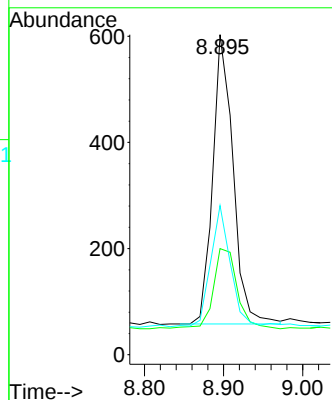
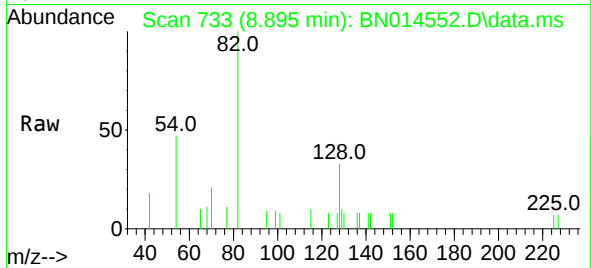




#8  
Nitrobenzene-d5  
Concen: 0.38 ng  
RT: 8.895 min Scan# 733  
Delta R.T. -0.013 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

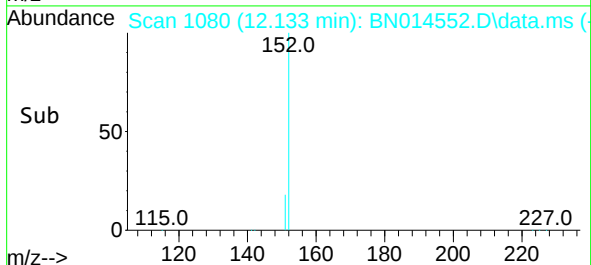
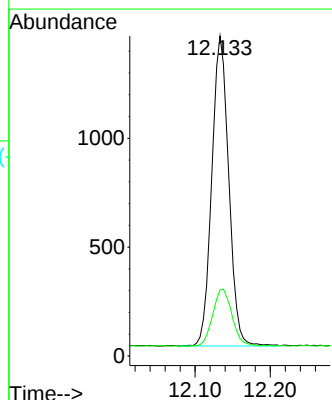
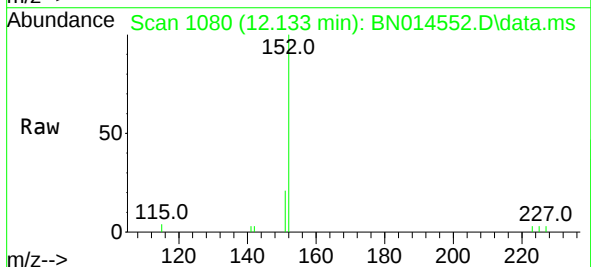
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ClientSampleId :  
PB136257BL

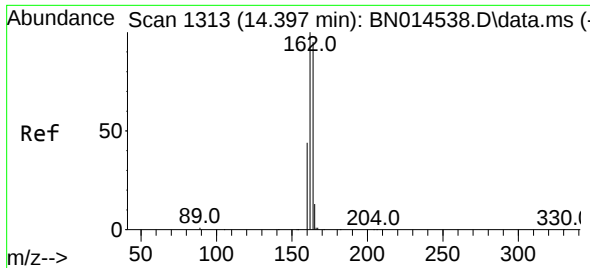
Tgt Ion: 82 Resp: 973  
Ion Ratio Lower Upper  
82 100  
128 33.2 29.5 44.3  
54 46.6 36.9 55.3



#11  
2-Methylnaphthalene-d10  
Concen: 0.30 ng  
RT: 12.133 min Scan# 1080  
Delta R.T. -0.004 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Tgt Ion: 152 Resp: 2226  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.2 24.2

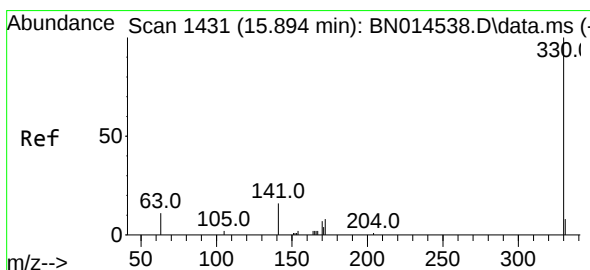
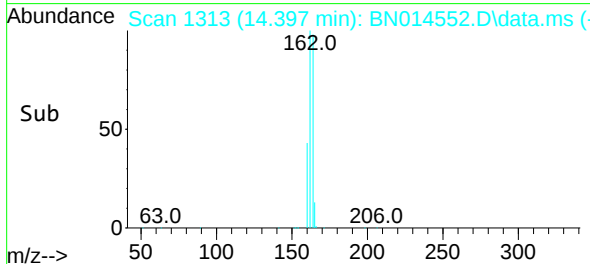
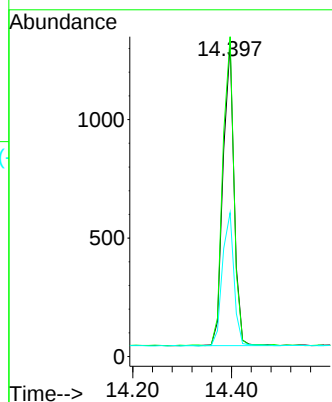
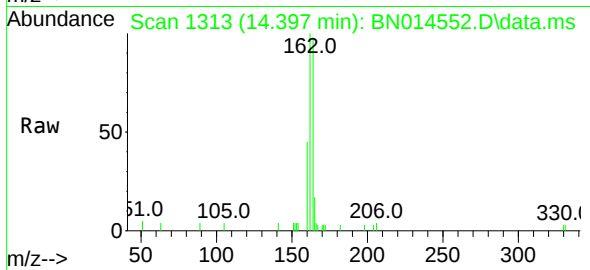




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.397 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

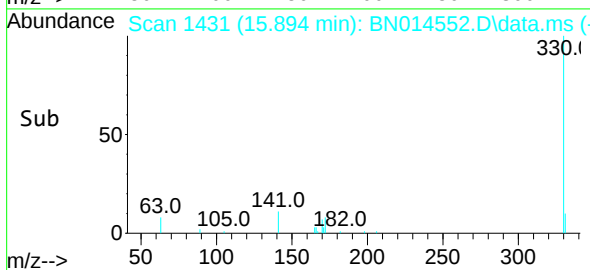
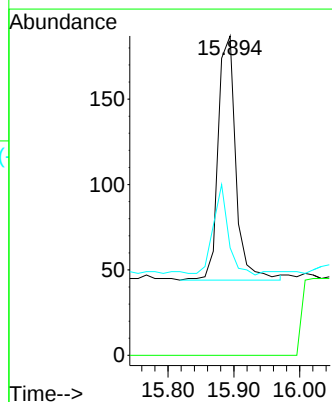
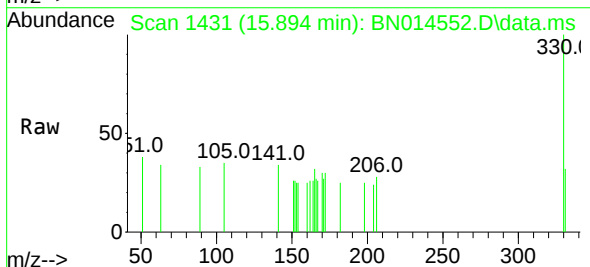
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BNA\_N  
ClientSampleId :  
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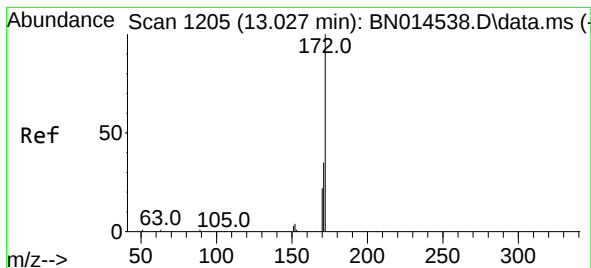
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Ion Ratio Lower Upper  
164 100  
162 102.3 78.6 118.0  
160 46.0 35.8 53.8



#14  
2,4,6-Tribromophenol  
Concen: 0.30 ng  
RT: 15.894 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Tgt Ion:330 Resp: 266  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.6 27.0 40.4

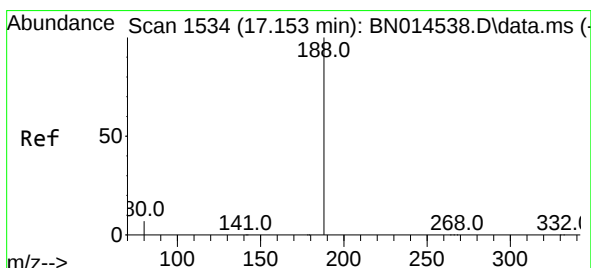
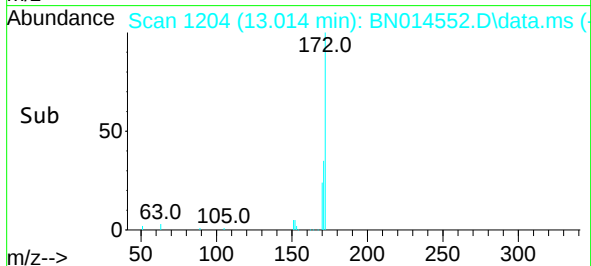
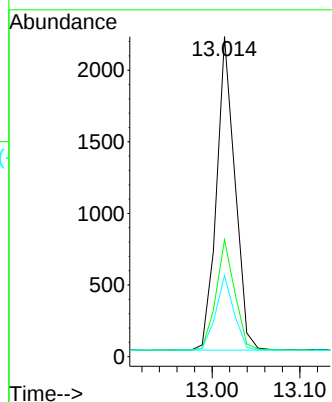
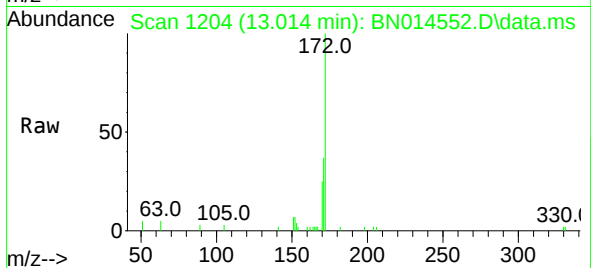




#15  
2-Fluorobiphenyl  
Concen: 0.45 ng  
RT: 13.014 min Scan# 1204  
Delta R.T. -0.013 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

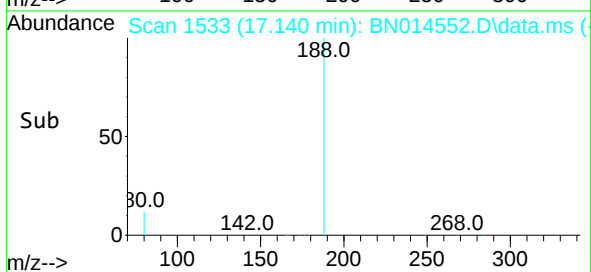
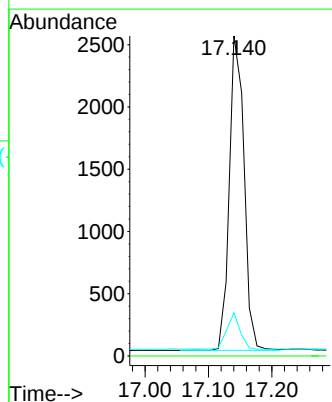
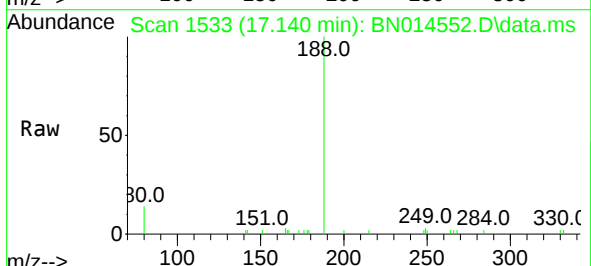
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BNA\_N  
ClientSampleId :  
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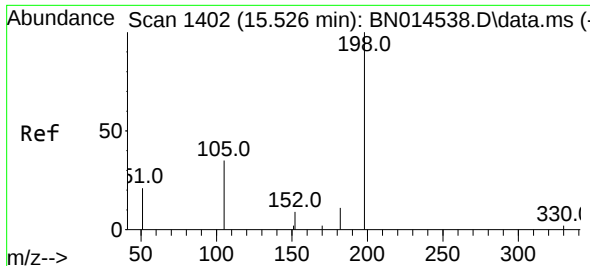
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3188 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.6  | 27.1  | 40.7 |
| 170       | 25.4  | 18.3  | 27.5 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.140 min Scan# 1533  
Delta R.T. -0.013 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 4066 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 13.5  | 5.2   | 7.8# |

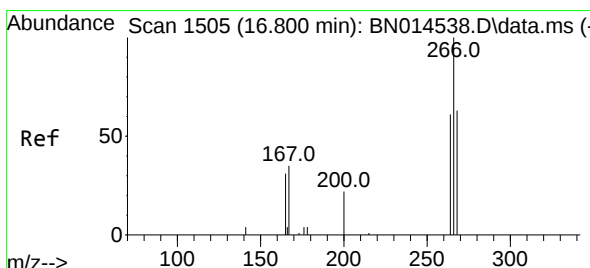
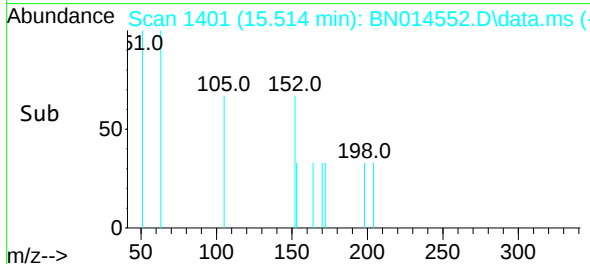
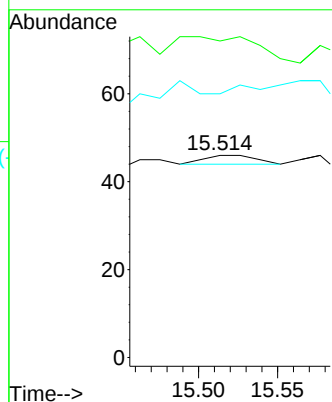
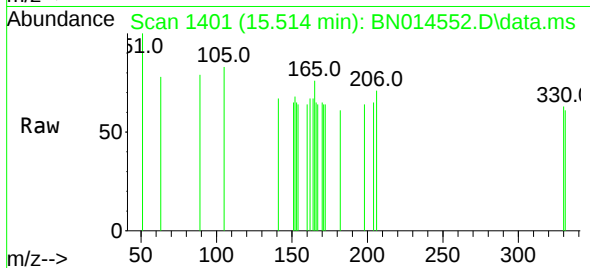




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.21 ng  
RT: 15.514 min Scan# 1401  
Delta R.T. -0.012 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

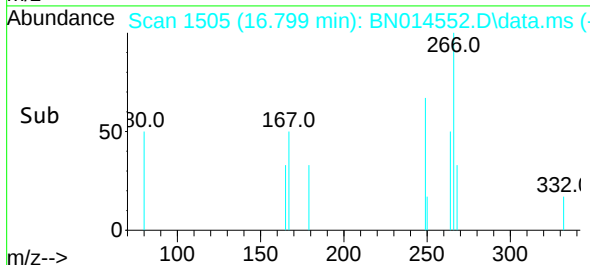
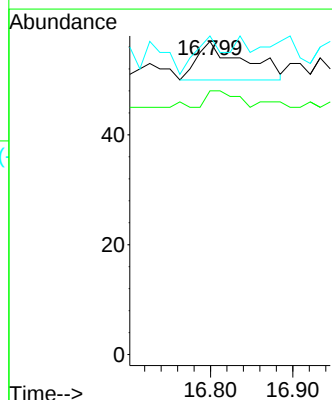
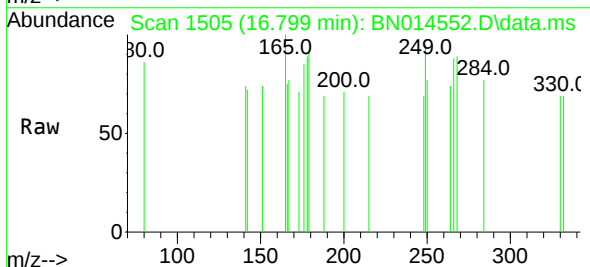
Instrument :  
BNA\_N  
ClientSampleId :  
PB136257BL

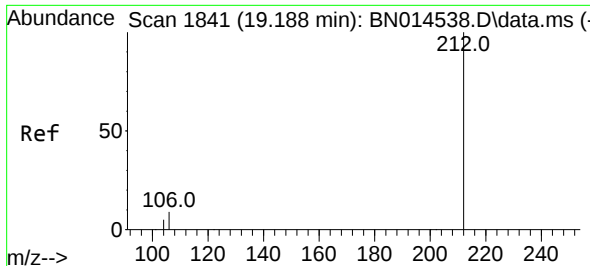
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Ion Ratio Lower Upper  
198 100  
51 156.5 865.3 1297.9#  
105 130.4 93.6 140.4



#24  
Pentachlorophenol  
Concen: 0.03 ng  
RT: 16.799 min Scan# 1505  
Delta R.T. -0.000 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Tgt Ion:266 Resp: 27  
Ion Ratio Lower Upper  
266 100  
264 29.6 24.2 36.4  
268 63.0 25.2 37.8#

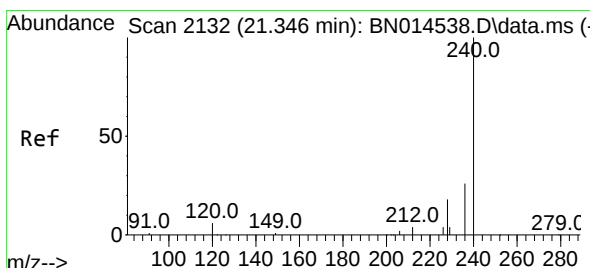
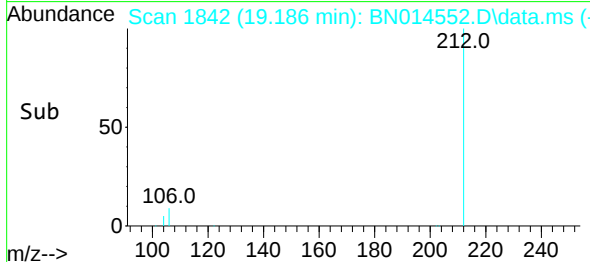
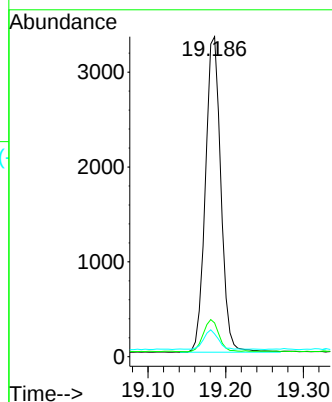
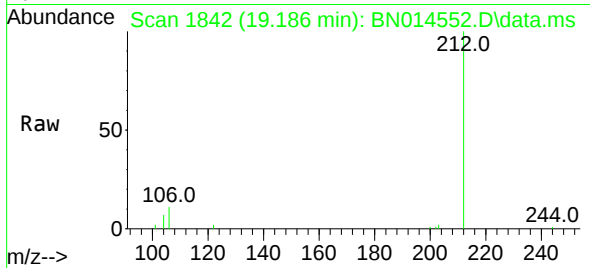




#27  
Fluoranthene-d10  
Concen: 0.27 ng  
RT: 19.186 min Scan# 1842  
Delta R.T. -0.003 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

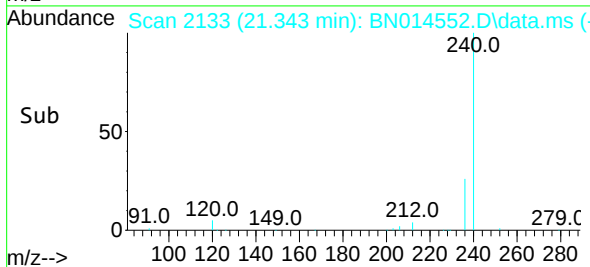
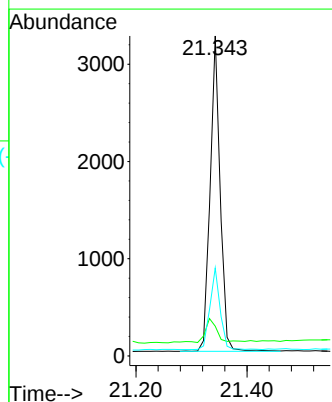
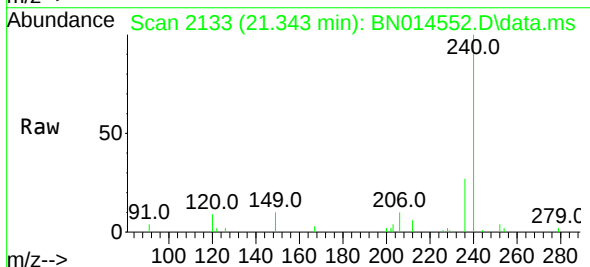
Instrument :  
BNA\_N  
ClientSampleId :  
PB136257BL

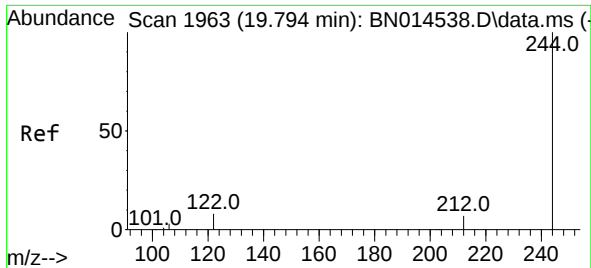
Tgt Ion:212 Resp: 4620  
Ion Ratio Lower Upper  
212 100  
106 10.3 10.1 15.1  
104 5.5 5.4 8.2



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.343 min Scan# 2133  
Delta R.T. -0.003 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

Tgt Ion:240 Resp: 4100  
Ion Ratio Lower Upper  
240 100  
120 9.3 5.8 8.8#  
236 27.5 20.6 30.8

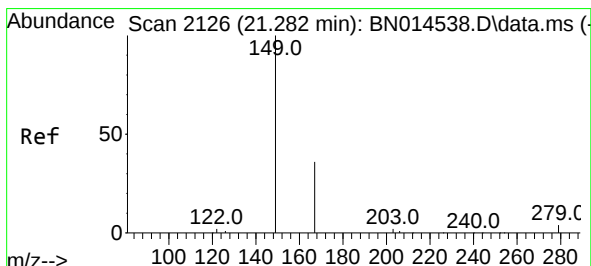
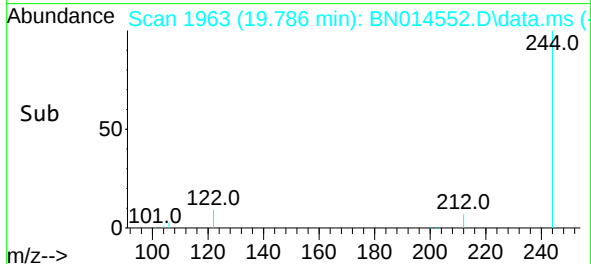
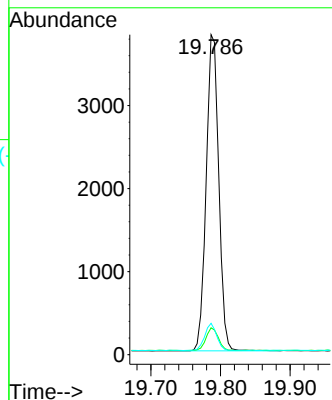
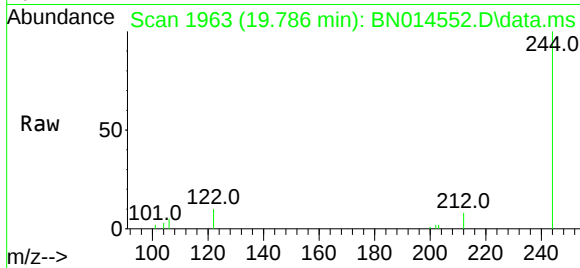




#31  
Terphenyl-d14  
Concen: 0.47 ng  
RT: 19.786 min Scan# 1963  
Delta R.T. -0.008 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

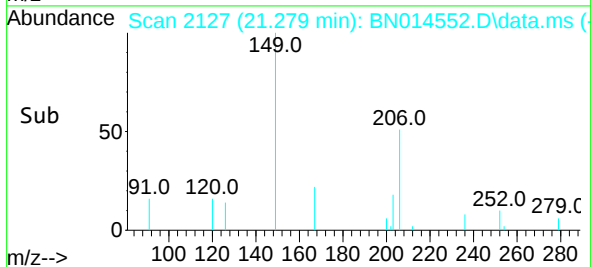
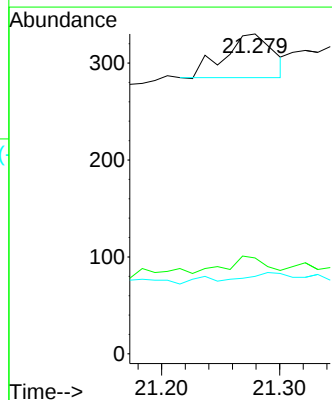
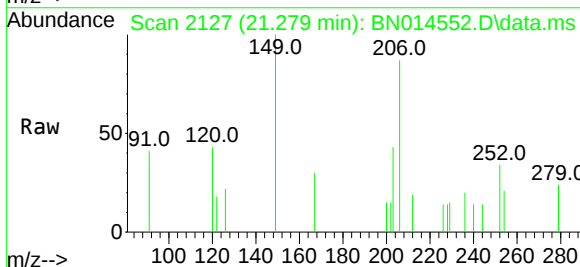
Instrument :  
BNA\_N  
ClientSampleId :  
PB136257BL

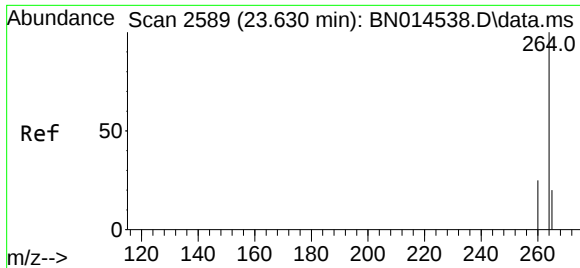
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 4779     |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 8.4   | 6.0 9.0  |
| 122         | 9.8   | 9.3 13.9 |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.03 ng  
RT: 21.279 min Scan# 2127  
Delta R.T. -0.003 min  
Lab File: BN014552.D  
Acq: 10 May 2021 11:56

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:149 | Resp: | 128        |
| Ion Ratio   | Lower | Upper      |
| 149         | 100   |            |
| 167         | 0.0   | 20.5 30.7# |
| 279         | 19.5  | 2.9 4.3#   |





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.623 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BN014552.D

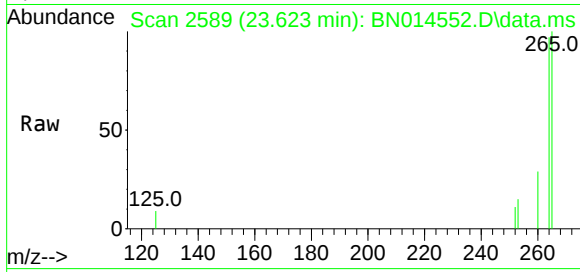
Acq: 10 May 2021 11:56

Instrument :

BNA\_N

ClientSampleId :

PB136257BL



Tgt Ion:264 Resp: 2896

Ion Ratio Lower Upper

264 100

260 29.5 19.5 29.3#

265 103.0 35.4 53.0#

