

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100821\  
 Data File : BN016852.D  
 Acq On : 08 Oct 2021 19:55  
 Operator : CG/JU  
 Sample : M3990-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 S-836-K1-SO-9-10-092921

Quant Time: Oct 09 00:30:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 08 15:46:07 2021  
 Response via : Initial Calibration

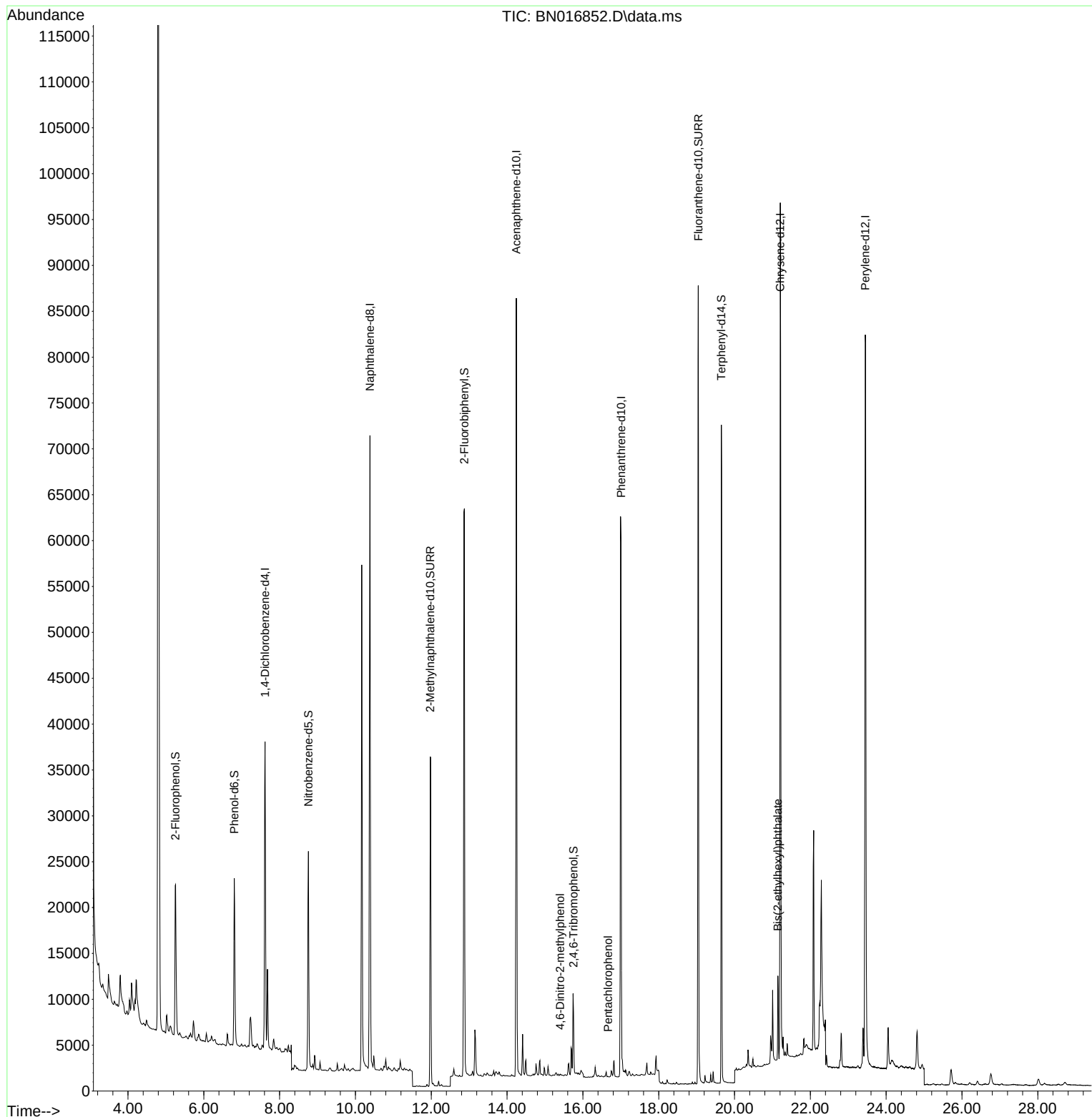
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 19764    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 90509    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.243 | 164  | 48087    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.006 | 188  | 94445    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.206 | 240  | 97170    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.450 | 264  | 107135   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.254  | 112  | 19180    | 0.388 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.803  | 99   | 19853    | 0.354 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 21772    | 0.343 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 50552    | 0.375 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.753 | 330  | 7943     | 0.319 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 63414    | 0.327 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.043 | 212  | 96492    | 0.368 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.654 | 244  | 71481    | 0.337 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198  | 4        | 0.207 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.665 | 266  | 38       | 0.105 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.143 | 149  | 9068     | 0.059 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

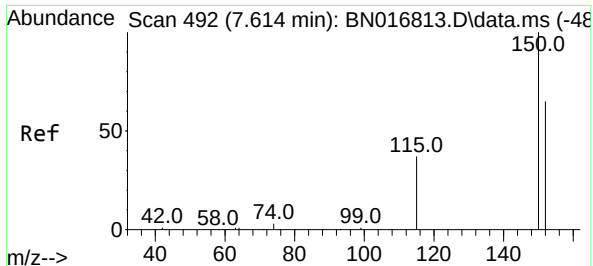
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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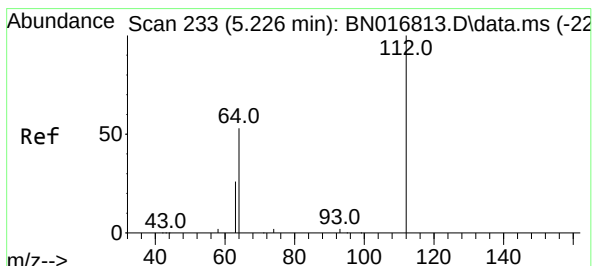
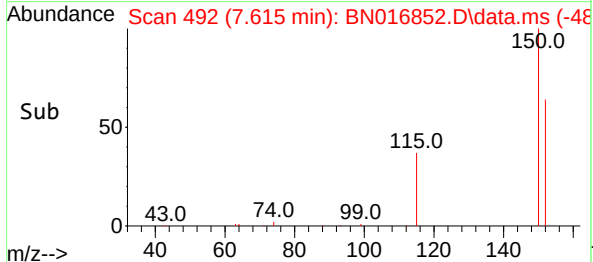
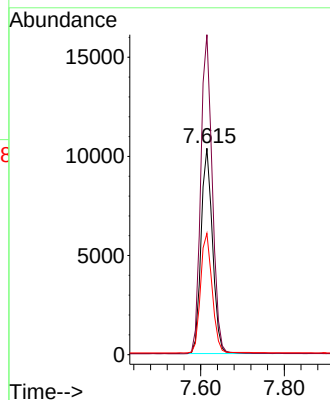
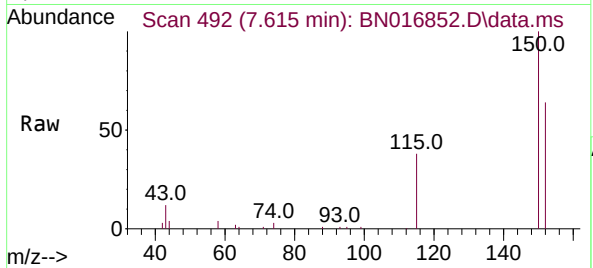




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.615 min Scan# 492  
Delta R.T. 0.001 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

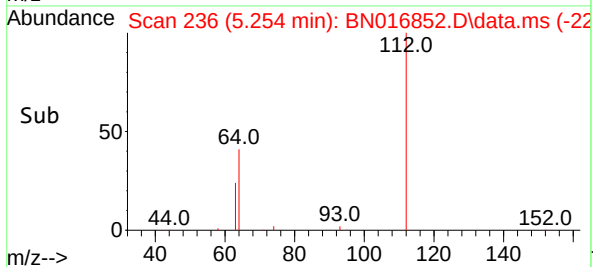
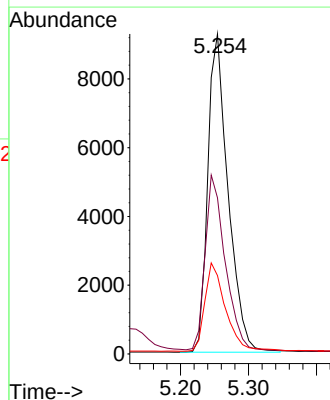
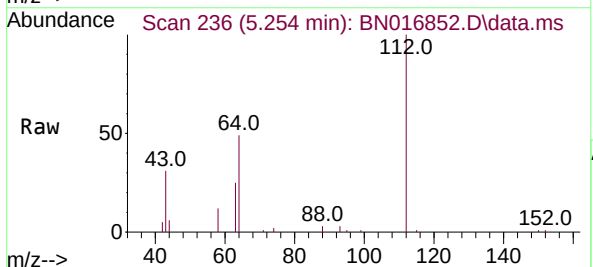
Instrument :  
BNA\_N  
ClientSampleId :  
S-836-K1-SO-9-10-092921

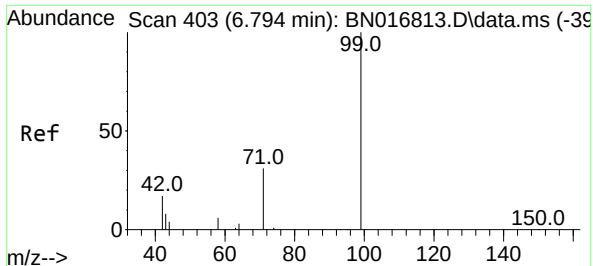
Tgt Ion:152 Resp: 19764  
Ion Ratio Lower Upper  
152 100  
150 155.1 123.3 184.9  
115 58.8 47.0 70.6



#4  
2-Fluorophenol  
Concen: 0.388 ng  
RT: 5.254 min Scan# 236  
Delta R.T. 0.019 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

Tgt Ion:112 Resp: 19180  
Ion Ratio Lower Upper  
112 100  
64 54.4 42.9 64.3  
63 28.4 21.5 32.3

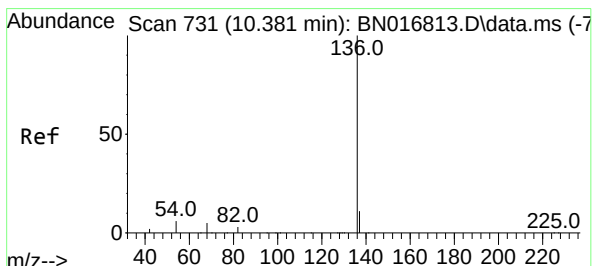
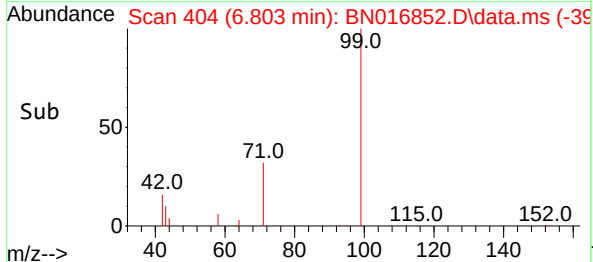
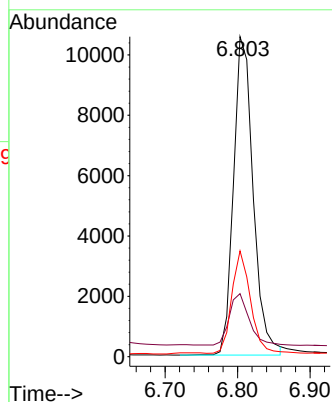
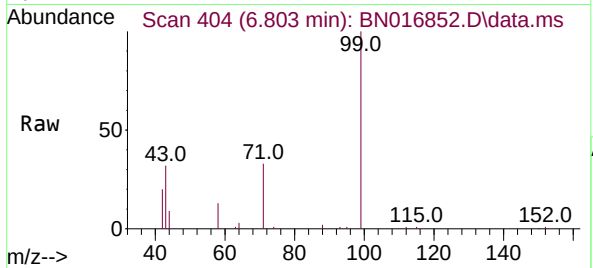




#5  
Phenol-d6  
Concen: 0.354 ng  
RT: 6.803 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

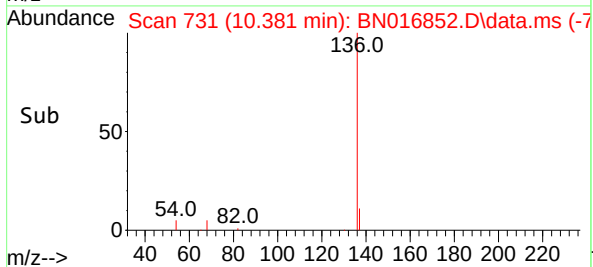
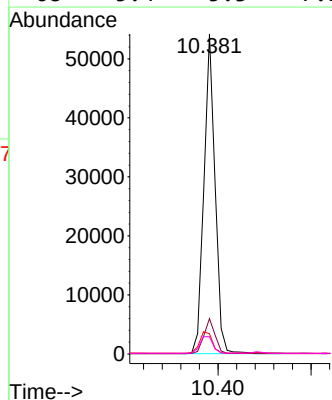
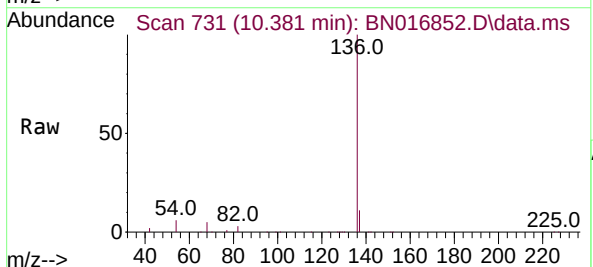
Instrument :  
BNA\_N  
ClientSampleId :  
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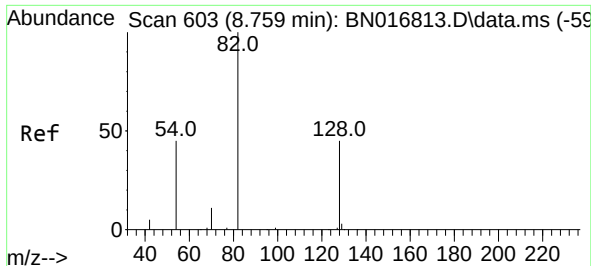
Tgt Ion: 99 Resp: 19853  
Ion Ratio Lower Upper  
99 100  
42 16.2 13.4 20.2  
71 30.3 24.0 36.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. 0.001 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

Tgt Ion: 136 Resp: 90509  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 6.3 6.5 9.7#  
68 5.4 5.3 7.9

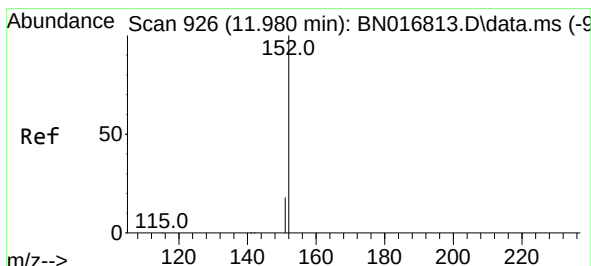
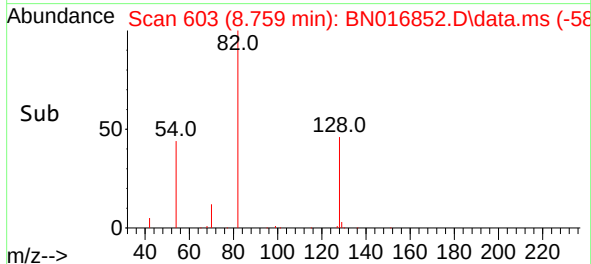
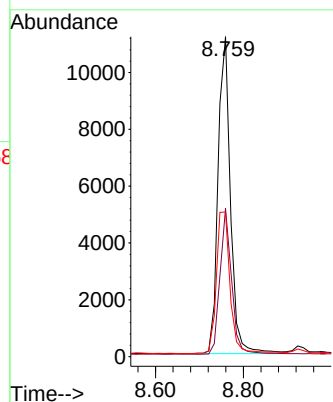
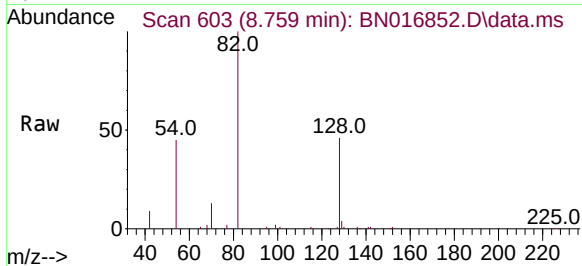




#8  
Nitrobenzene-d5  
Concen: 0.343 ng  
RT: 8.759 min Scan# 603  
Delta R.T. 0.001 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

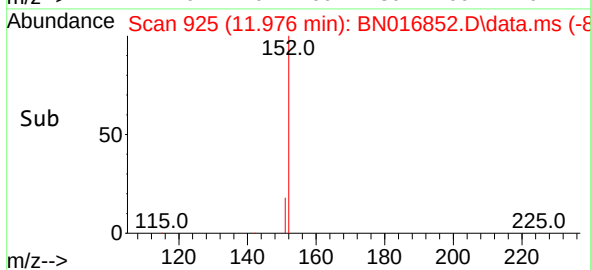
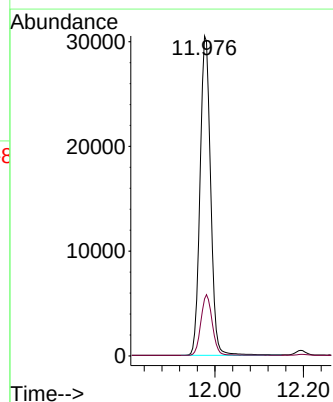
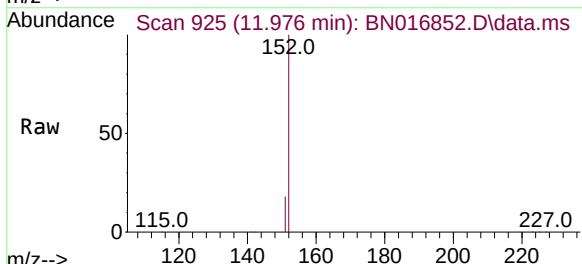
Instrument :  
BNA\_N  
ClientSampleId :  
S-836-K1-SO-9-10-092921

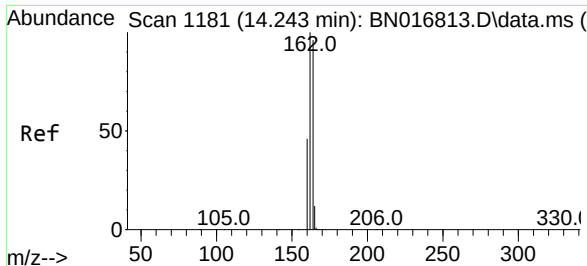
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.3  | 33.8  | 50.6  |
| 54      | 45.2  | 38.5  | 57.7  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.375 ng  
RT: 11.976 min Scan# 925  
Delta R.T. -0.004 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.2  | 24.4  |

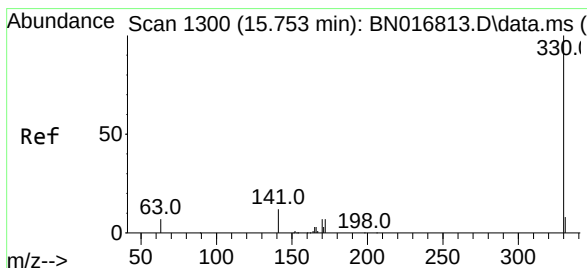
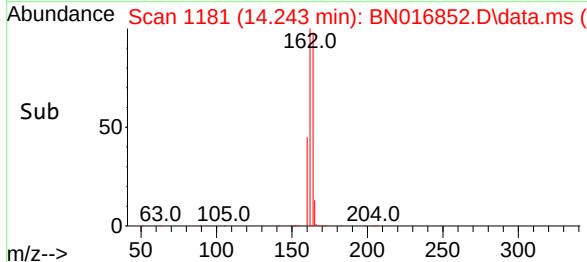
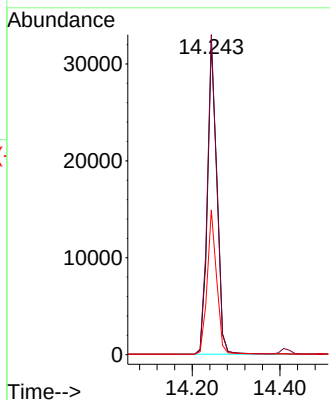
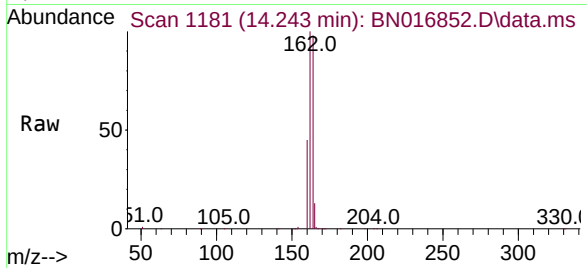




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.001 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

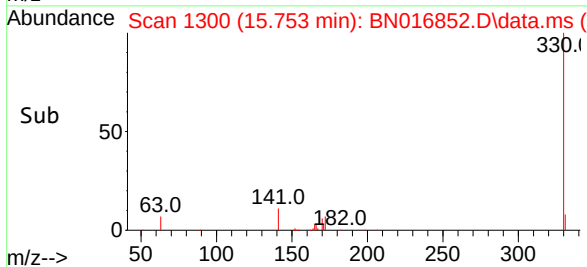
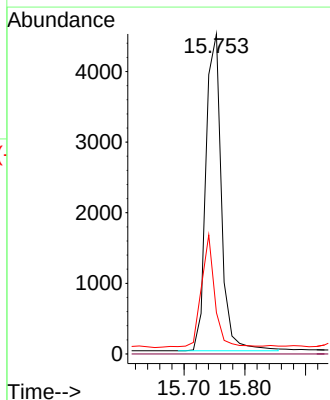
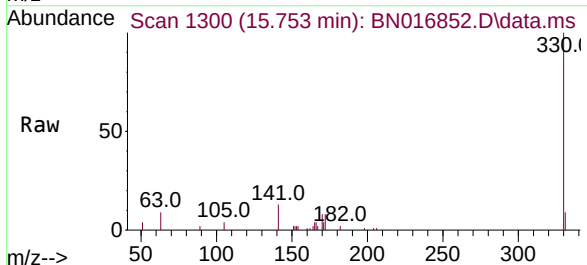
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S-836-K1-SO-9-10-092921

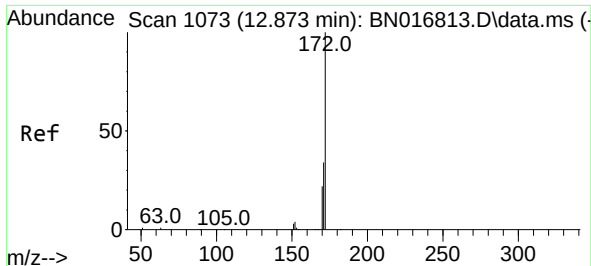
Tgt Ion:164 Resp: 48087  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.6 124.0  
160 46.4 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.319 ng  
RT: 15.753 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

Tgt Ion:330 Resp: 7943  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.7 24.2 36.2

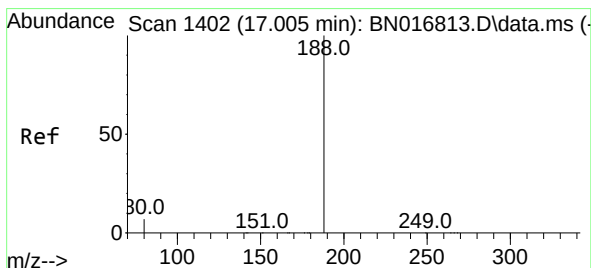
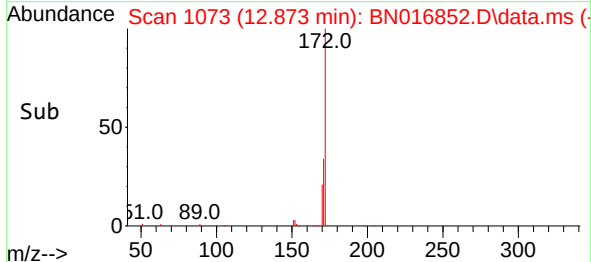
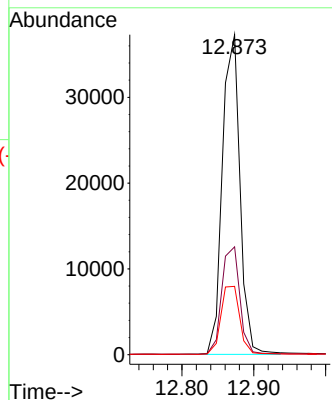
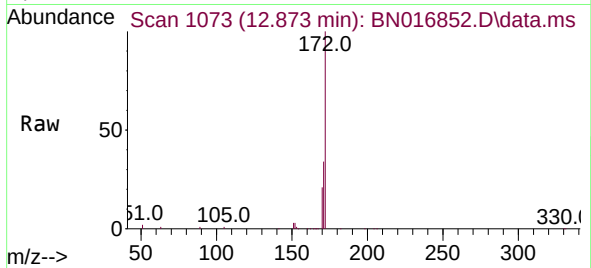




#15  
2-Fluorobiphenyl  
Concen: 0.327 ng  
RT: 12.873 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

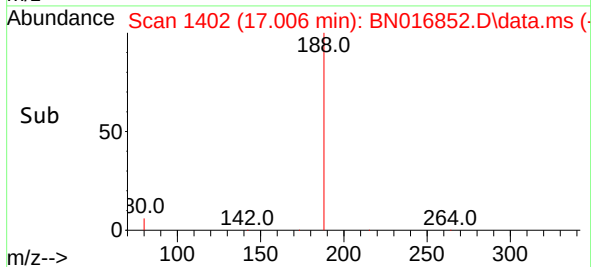
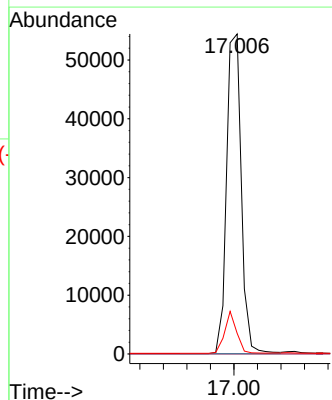
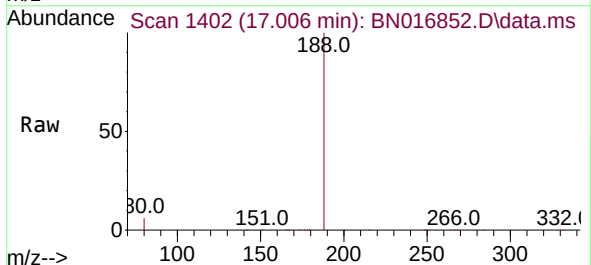
Instrument :  
BNA\_N  
ClientSampleId :  
S-836-K1-SO-9-10-092921

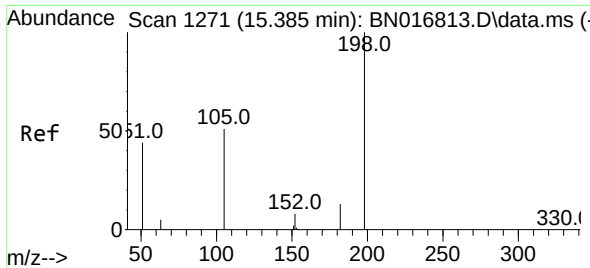
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 63414 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 33.7  | 26.9  | 40.3  |
| 170       | 21.4  | 17.4  | 26.0  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.006 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 94445 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 6.4   | 5.8   | 8.8   |

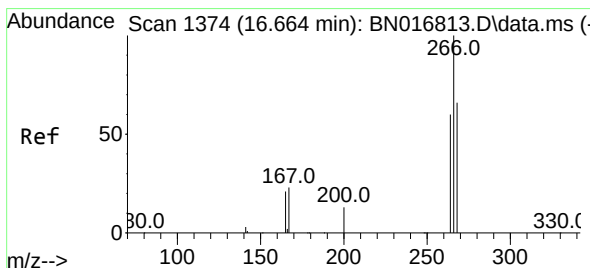
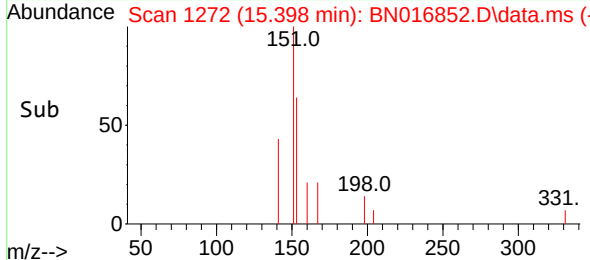
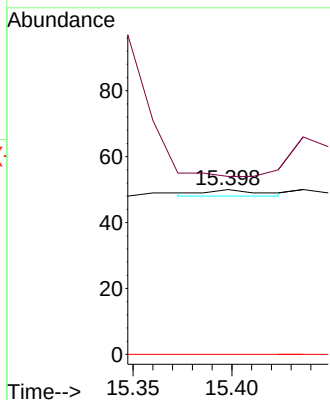
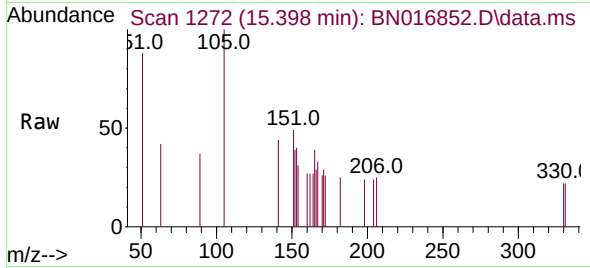




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.207 ng  
RT: 15.398 min Scan# 1272  
Delta R.T. 0.013 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

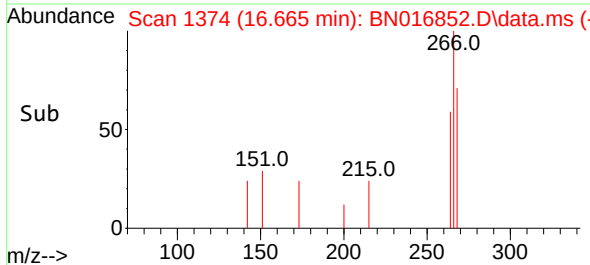
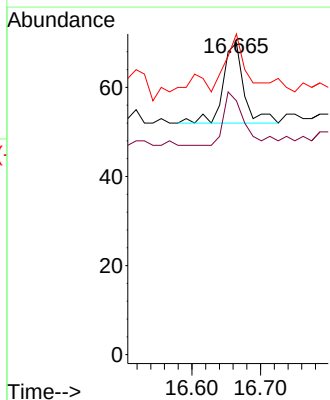
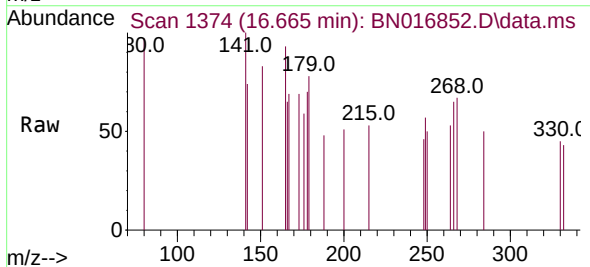
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 4     |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 182       | 108.0 | 26.2  | 39.2# |
| 77        | 0.0   | 0.0   | 0.0   |

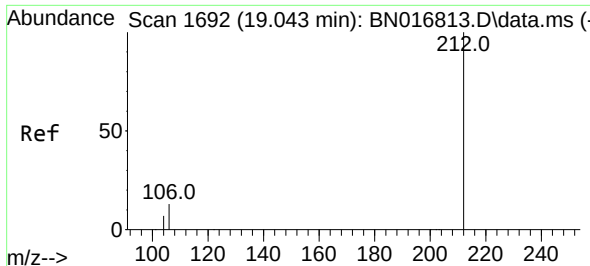


#24  
Pentachlorophenol  
Concen: 0.105 ng  
RT: 16.665 min Scan# 1374  
Delta R.T. 0.013 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 38   |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 60.5  | 49.3  | 73.9 |
| 268       | 65.8  | 51.8  | 77.8 |



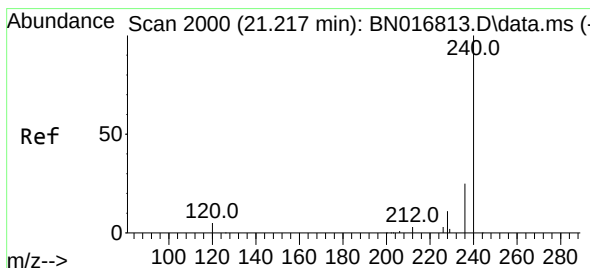
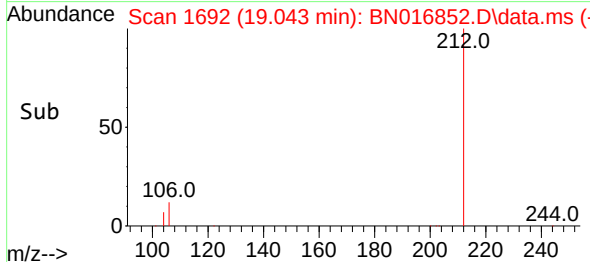
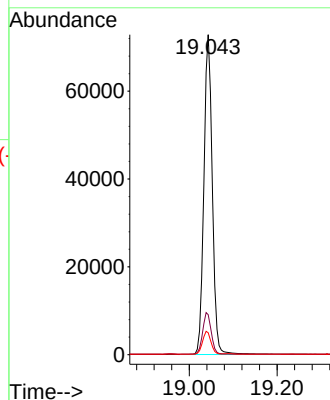
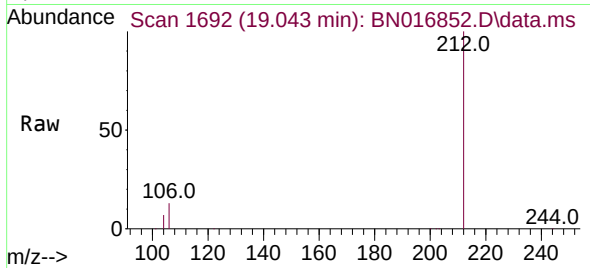




#27  
Fluoranthene-d10  
Concen: 0.368 ng  
RT: 19.043 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

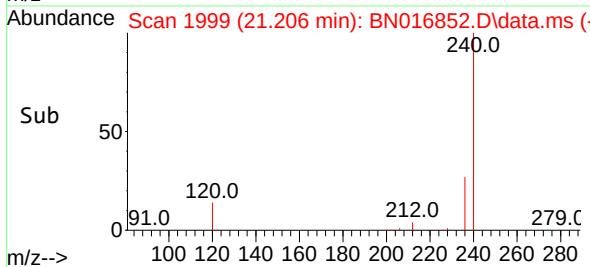
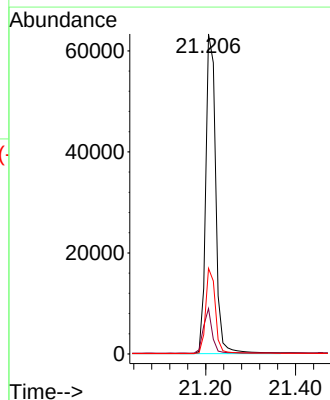
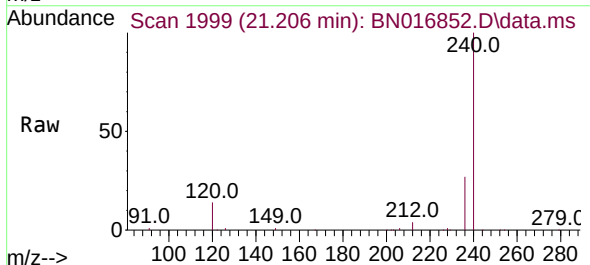
Instrument :  
BNA\_N  
ClientSampleId :  
S-836-K1-SO-9-10-092921

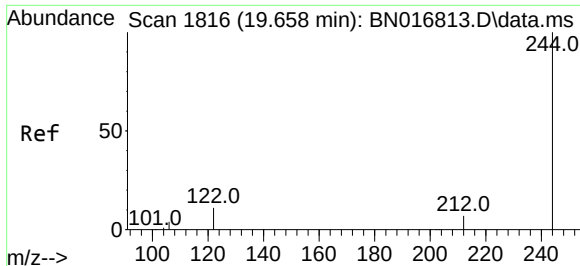
Tgt Ion:212 Resp: 96492  
Ion Ratio Lower Upper  
212 100  
106 13.3 10.6 16.0  
104 7.2 5.8 8.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

Tgt Ion:240 Resp: 97170  
Ion Ratio Lower Upper  
240 100  
120 14.2 6.6 10.0#  
236 26.8 20.7 31.1

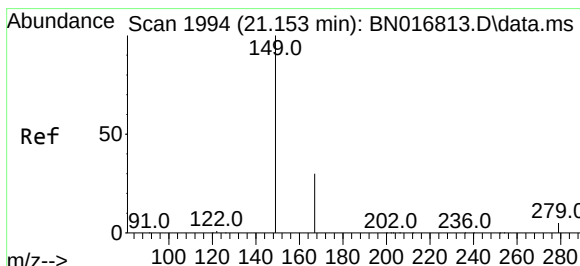
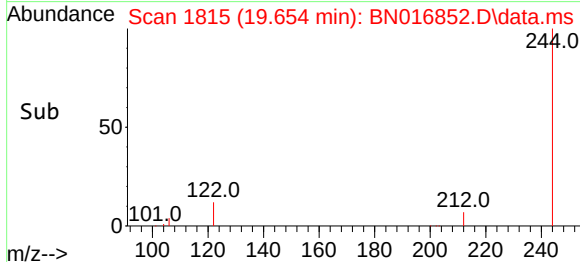
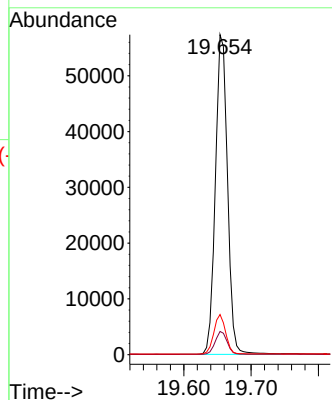
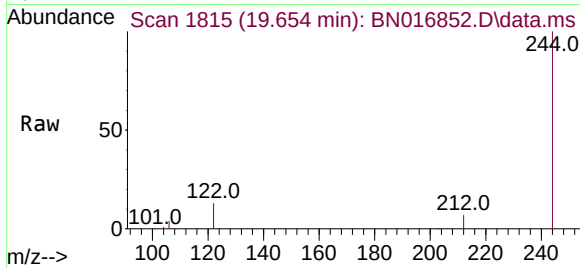




#31  
Terphenyl-d14  
Concen: 0.337 ng  
RT: 19.654 min Scan# 1815  
Delta R.T. -0.004 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

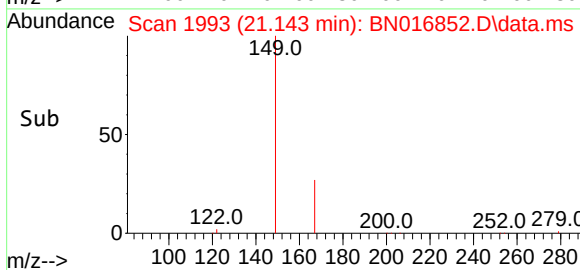
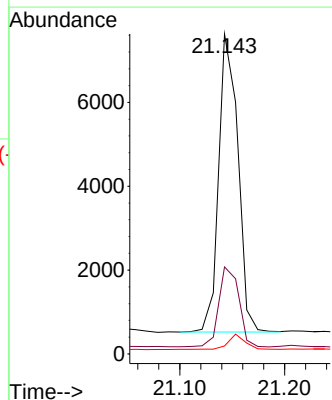
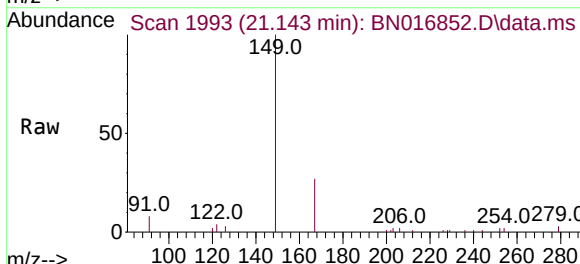
Instrument :  
BNA\_N  
ClientSampleId :  
S-836-K1-SO-9-10-092921

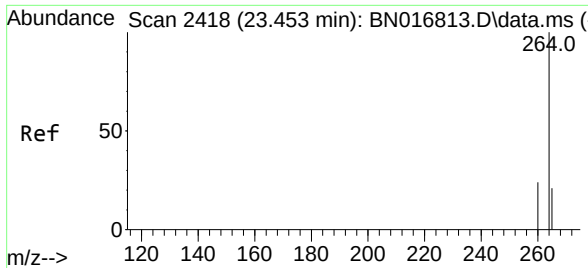
Tgt Ion:244 Resp: 71481  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 12.6 8.9 13.3



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.059 ng  
RT: 21.143 min Scan# 1993  
Delta R.T. -0.010 min  
Lab File: BN016852.D  
Acq: 08 Oct 2021 19:55

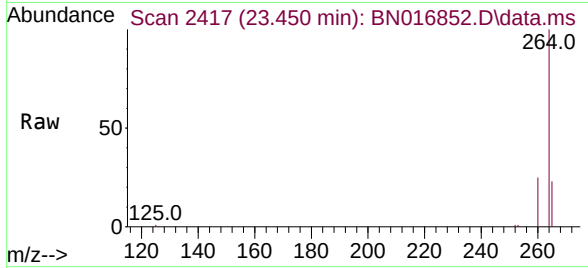
Tgt Ion:149 Resp: 9068  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.2 33.4  
279 4.6 3.4 5.2





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.450 min Scan# 2417  
 Delta R.T. -0.003 min  
 Lab File: BN016852.D  
 Acq: 08 Oct 2021 19:55

Instrument :  
 BNA\_N  
 ClientSampleId :  
 S-836-K1-SO-9-10-092921



Tgt Ion:264 Resp: 107135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.8  | 29.6  |
| 265 | 22.9  | 20.3  | 30.5  |

