

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
 Data File : BN016471.D  
 Acq On : 25 Sep 2021 12:42  
 Operator : CG/JU  
 Sample : M3782-13  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 26 04:14:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 03:35:41 2021  
 Response via : Initial Calibration

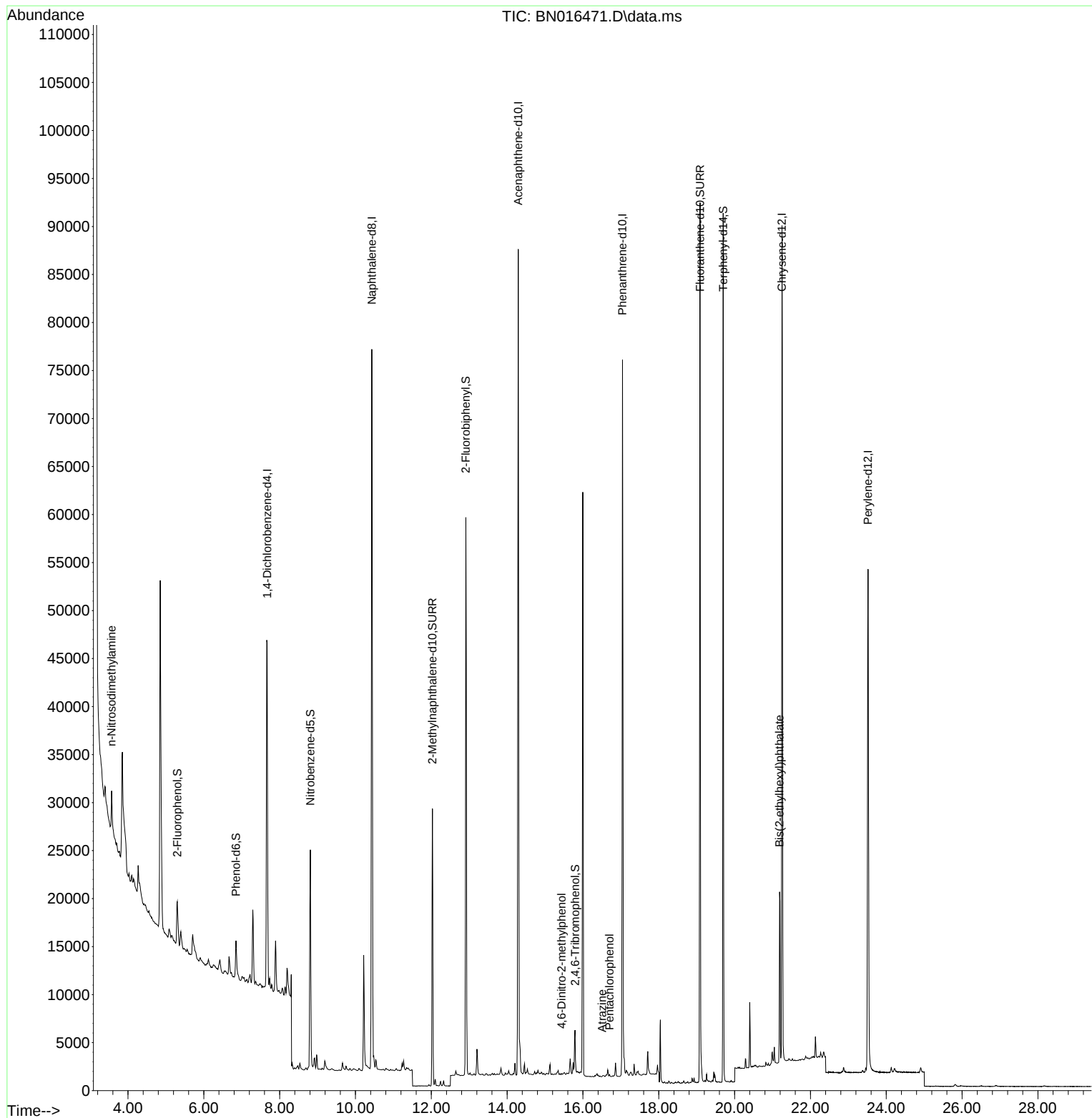
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 22356    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 95664    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 47814    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 97505    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.249 | 240  | 89101    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.519 | 264  | 71974    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 5532     | 0.110 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.849  | 99   | 3553     | 0.060 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 18124    | 0.268 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.029 | 152  | 38768    | 0.273 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 3417     | 0.316 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 51903    | 0.258 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.088 | 212  | 106433   | 0.398 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 87327    | 0.422 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.567  | 42   | 1063     | 0.046 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198  | 25       | 0.150 | ng    | # 1      |
| 23) Atrazine                  | 16.506 | 200  | 8        | 0.135 | ng    | # 9      |
| 24) Pentachlorophenol         | 16.701 | 266  | 57       | 0.246 | ng    | # 85     |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 19026    | 0.270 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
Data File : BN016471.D  
Acq On : 25 Sep 2021 12:42  
Operator : CG/JU  
Sample : M3782-13  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Sep 26 04:14:26 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 03:35:41 2021  
Response via : Initial Calibration

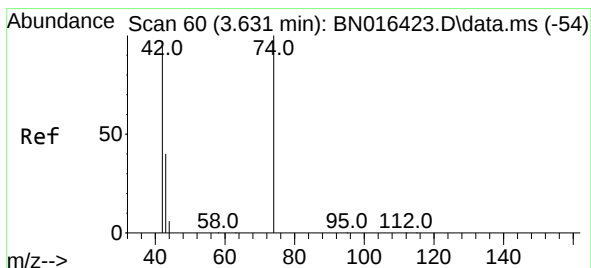
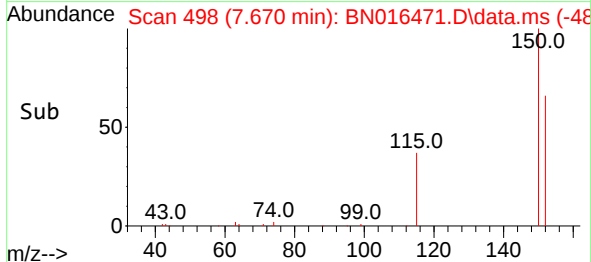
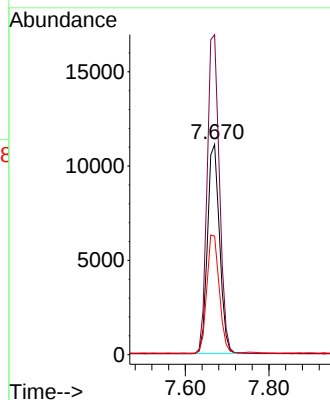
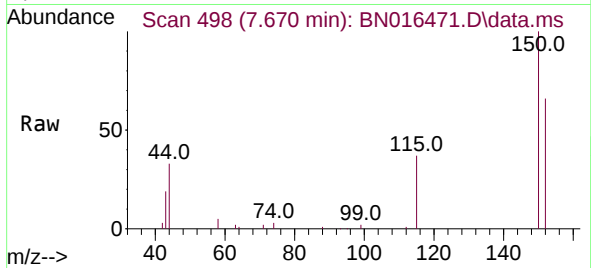




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.670 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

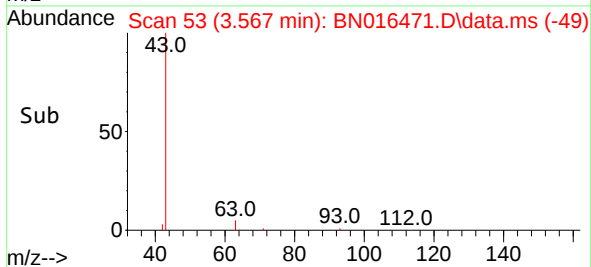
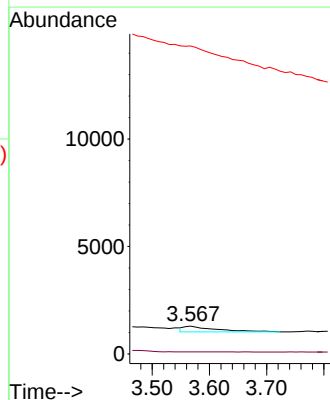
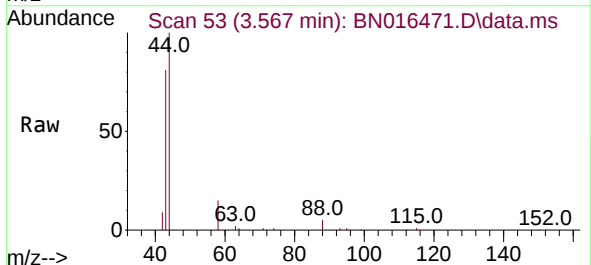
Instrument :  
BNA\_N  
ClientSampleId :

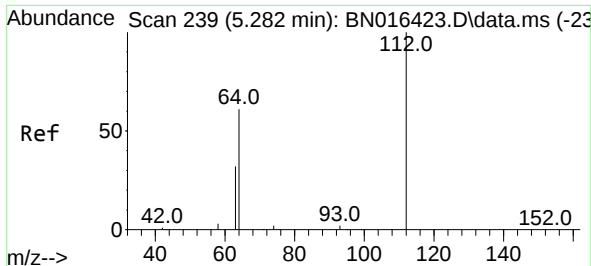
Tgt Ion:152 Resp: 22356  
Ion Ratio Lower Upper  
152 100  
150 152.1 125.6 188.4  
115 56.4 50.2 75.2



#3  
n-Nitrosodimethylamine  
Concen: 0.046 ng  
RT: 3.567 min Scan# 53  
Delta R.T. -0.064 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

Tgt Ion: 42 Resp: 1063  
Ion Ratio Lower Upper  
42 100  
74 0.0 113.6 170.4#  
44 0.0 0.0 0.0

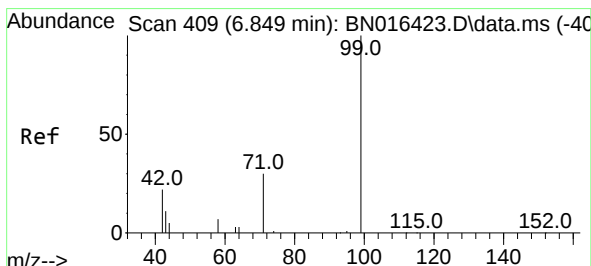
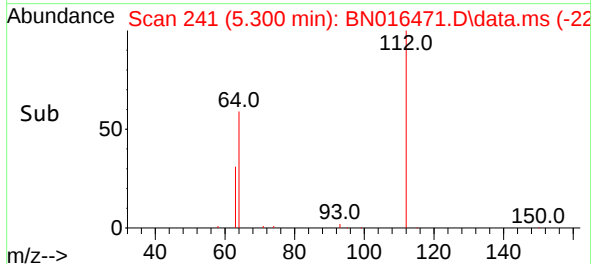
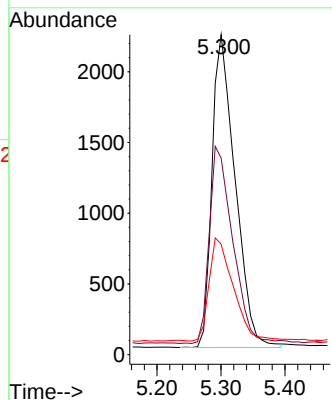
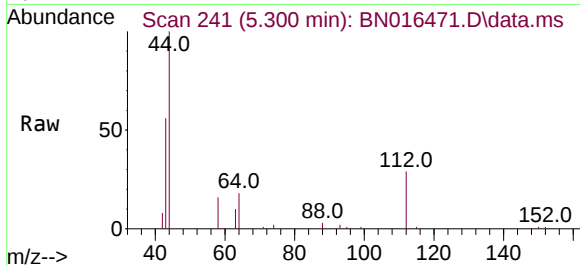




#4  
2-Fluorophenol  
Concen: 0.110 ng  
RT: 5.300 min Scan# 241  
Delta R.T. 0.019 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

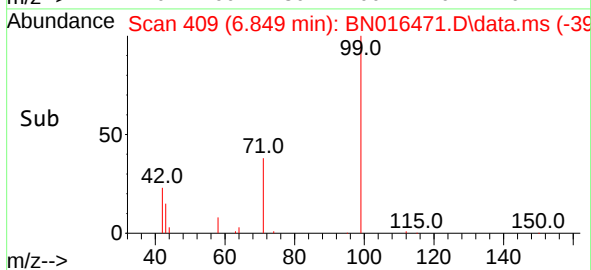
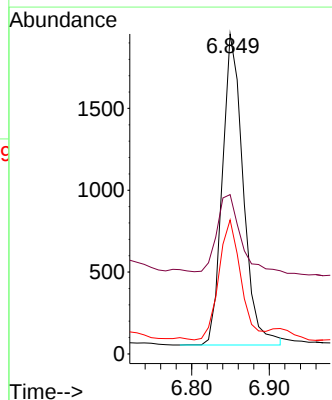
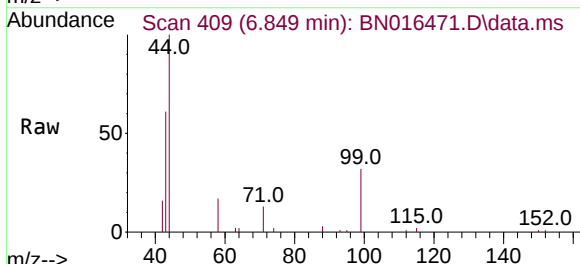
Instrument :  
BNA\_N  
ClientSampleId :

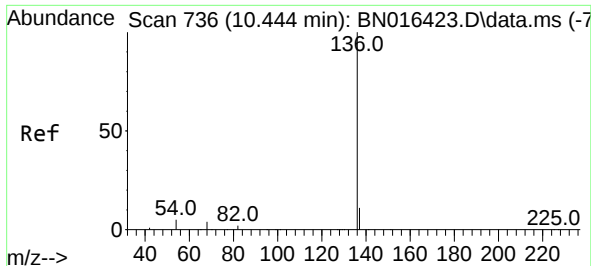
Tgt Ion:112 Resp: 5532  
Ion Ratio Lower Upper  
112 100  
64 63.7 47.3 70.9  
63 34.7 23.4 35.0



#5  
Phenol-d6  
Concen: 0.060 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

Tgt Ion: 99 Resp: 3553  
Ion Ratio Lower Upper  
99 100  
42 27.1 14.0 21.0#  
71 41.1 23.8 35.6#

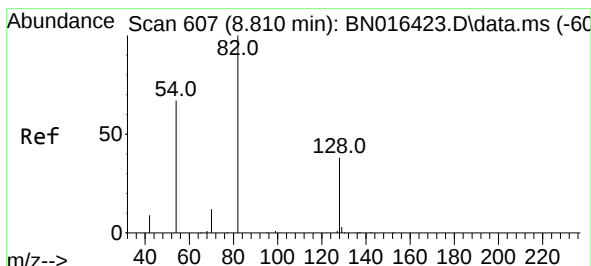
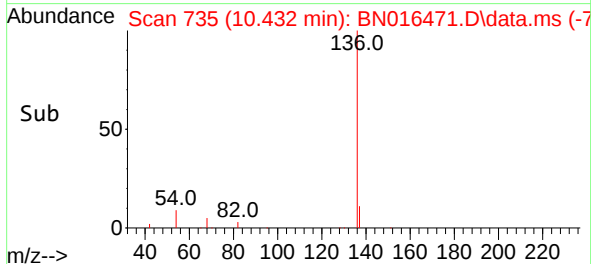
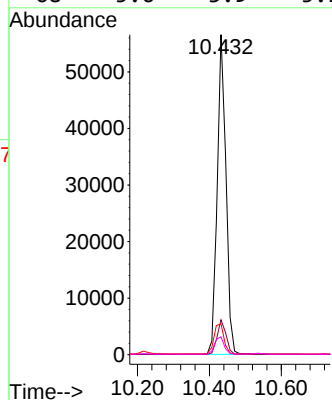
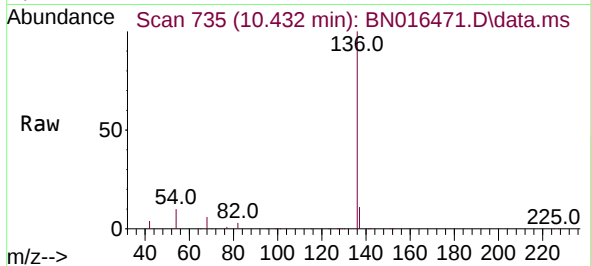




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.013 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

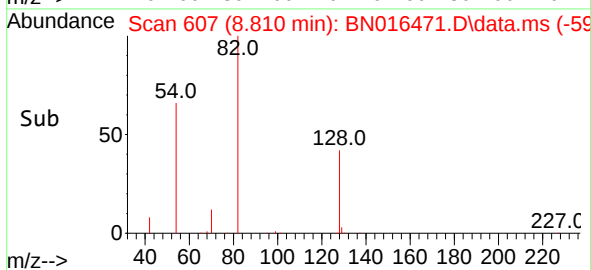
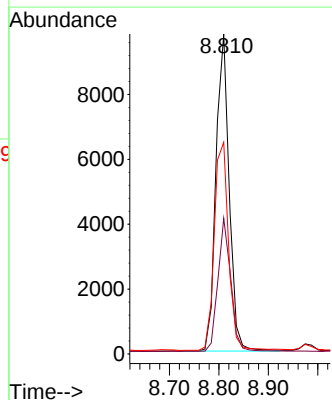
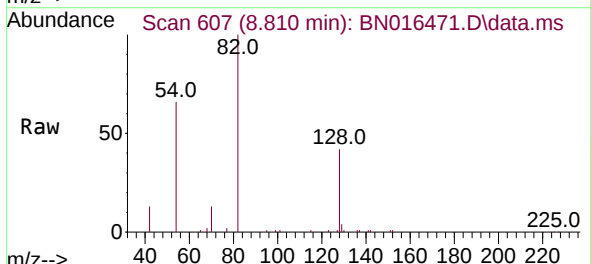
Instrument :  
BNA\_N  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 95664 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.9  | 8.8   | 13.2  |
| 54        | 9.7   | 5.3   | 7.9#  |
| 68        | 5.6   | 3.9   | 5.9   |



#8  
Nitrobenzene-d5  
Concen: 0.268 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 18124 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 42.4  | 31.7  | 47.5  |
| 54        | 66.1  | 46.4  | 69.6  |

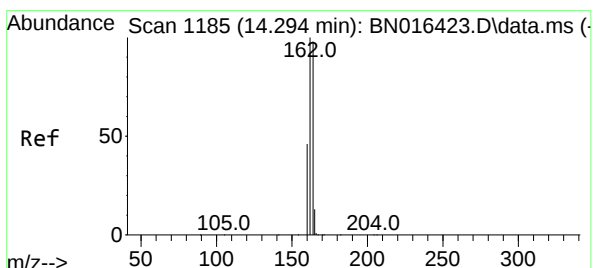
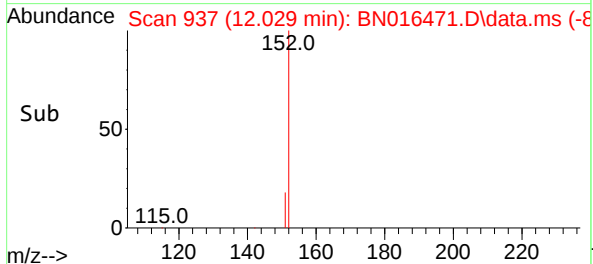
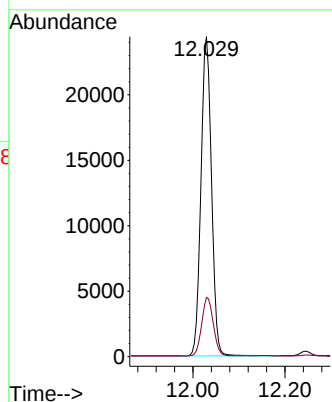
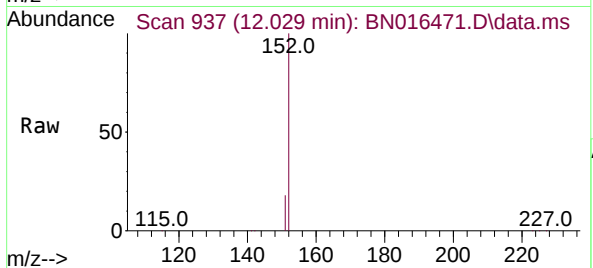




#11  
2-Methylnaphthalene-d10  
Concen: 0.273 ng  
RT: 12.029 min Scan# 937  
Delta R.T. -0.004 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

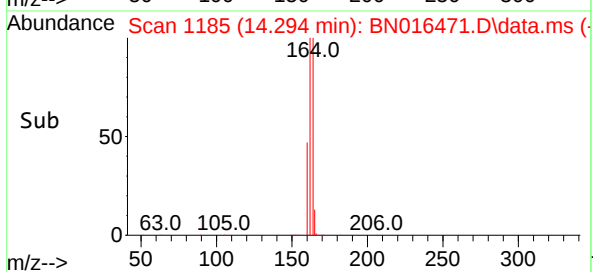
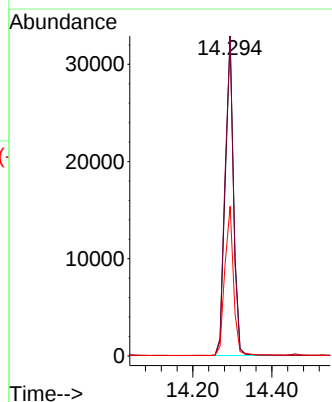
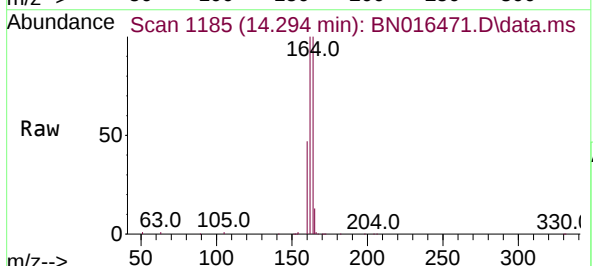
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 38768  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

Tgt Ion:164 Resp: 47814  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.0 118.4  
160 46.7 34.1 51.1

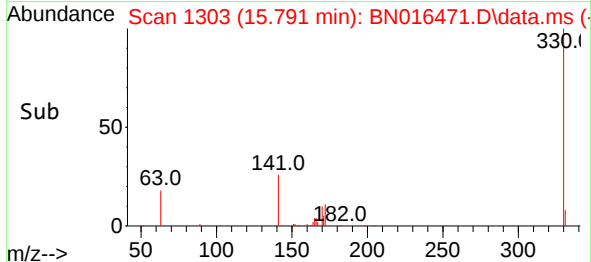
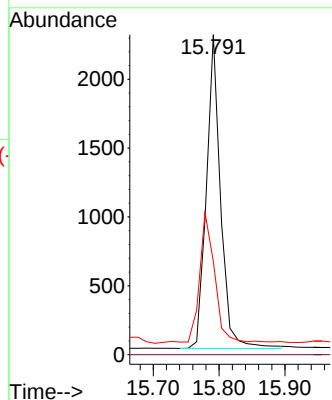
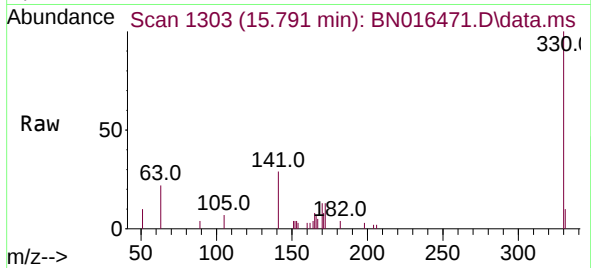




#14  
2,4,6-Tribromophenol  
Concen: 0.316 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

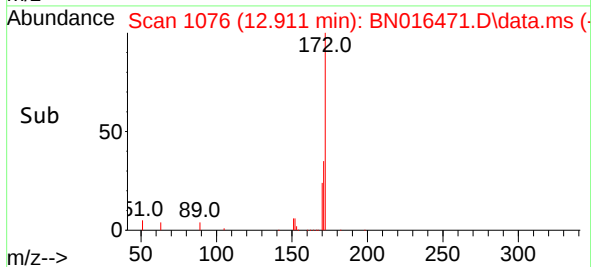
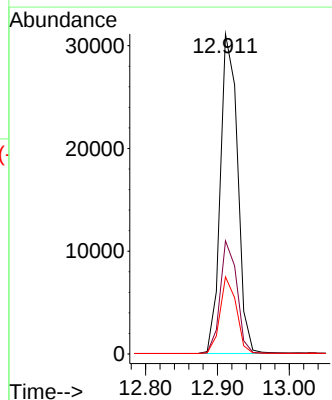
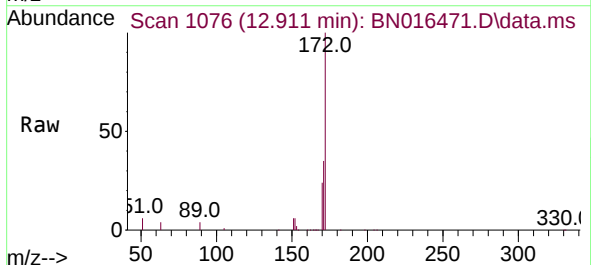
Instrument :  
BNA\_N  
ClientSampled :

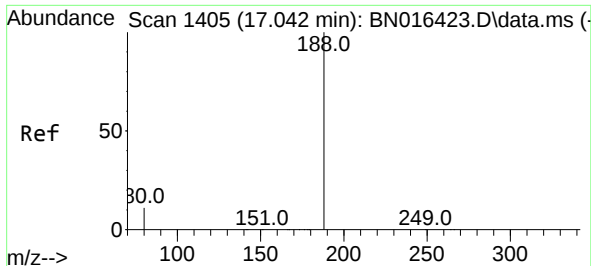
Tgt Ion:330 Resp: 3417  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 43.6 25.0 37.4#



#15  
2-Fluorobiphenyl  
Concen: 0.258 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.013 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

Tgt Ion:172 Resp: 51903  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.8 41.6  
170 24.1 18.2 27.2

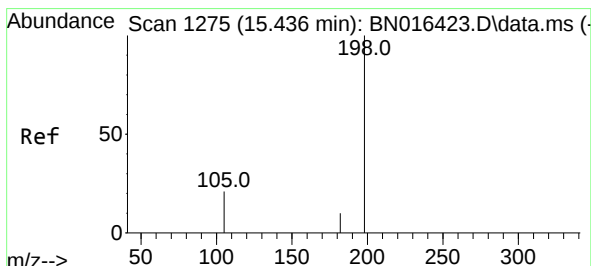
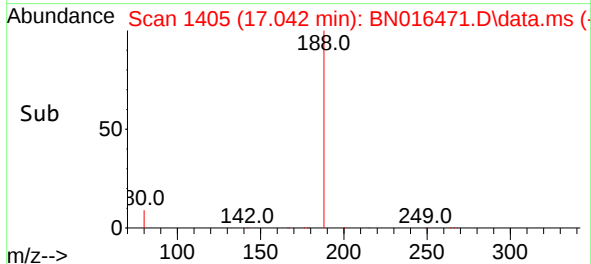
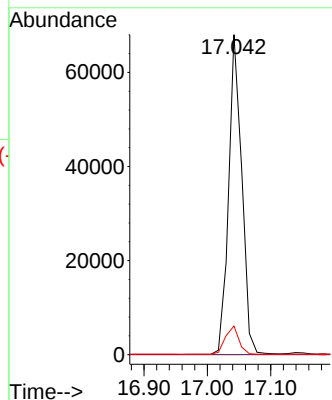
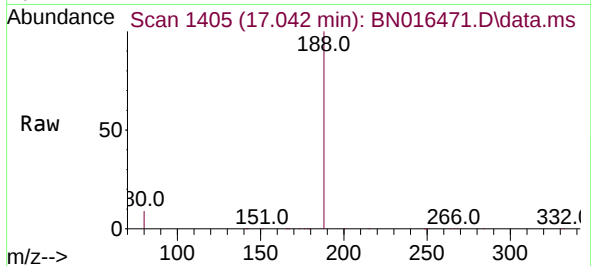




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

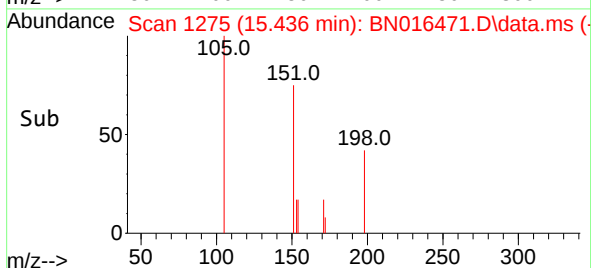
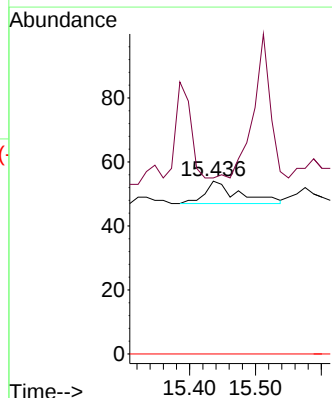
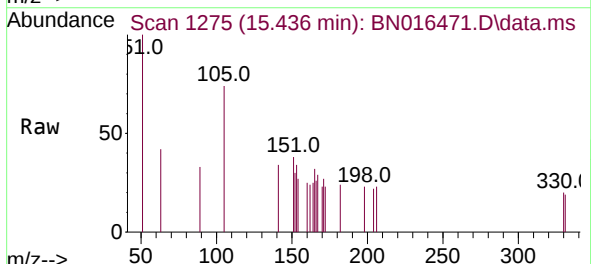
Instrument :  
BNA\_N  
ClientSampleId :

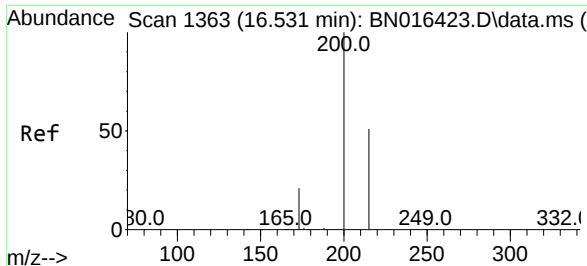
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 97505 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.0   | 7.0   | 10.6  |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.150 ng  
RT: 15.436 min Scan# 1275  
Delta R.T. -0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 198   | Resp: | 25   |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 182       | 101.9 | 26.6  | 39.8 |
| 77        | 0.0   | 0.0   | 0.0  |

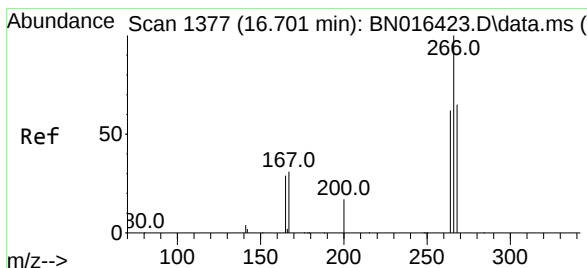
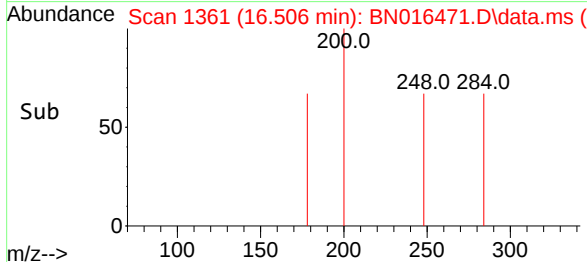
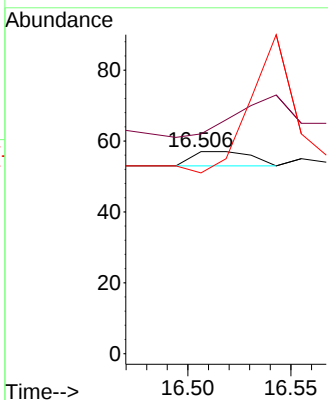
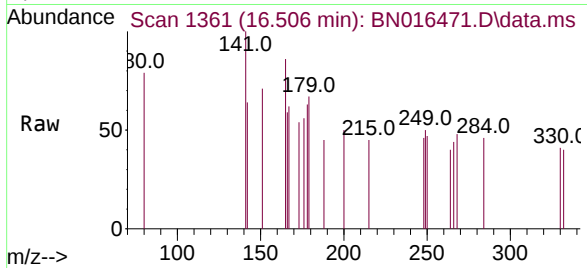




#23  
Atrazine  
Concen: 0.135 ng  
RT: 16.506 min Scan# 1361  
Delta R.T. -0.025 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

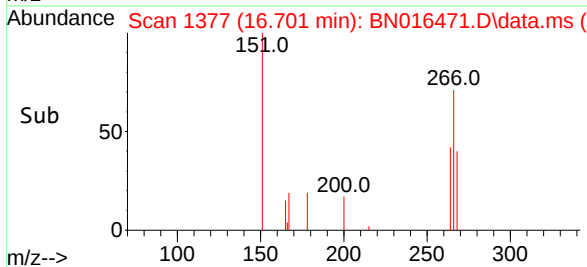
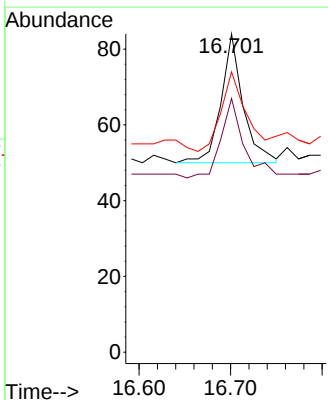
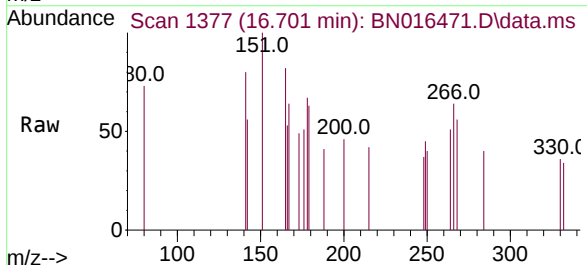
Instrument :  
BNA\_N  
ClientSampleId :

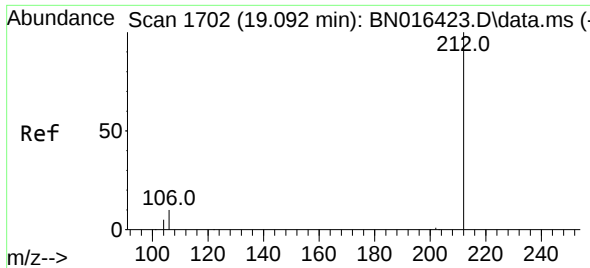
Tgt Ion:200 Resp: 8  
Ion Ratio Lower Upper  
200 100  
173 108.8 18.7 28.1#  
215 89.5 41.6 62.4#



#24  
Pentachlorophenol  
Concen: 0.246 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

Tgt Ion:266 Resp: 57  
Ion Ratio Lower Upper  
266 100  
264 64.9 50.6 75.8  
268 87.7 52.6 79.0#

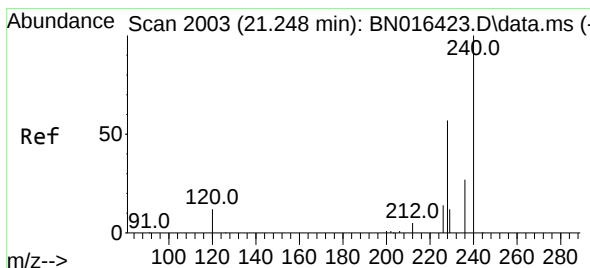
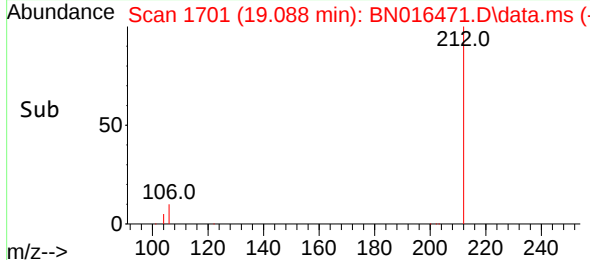
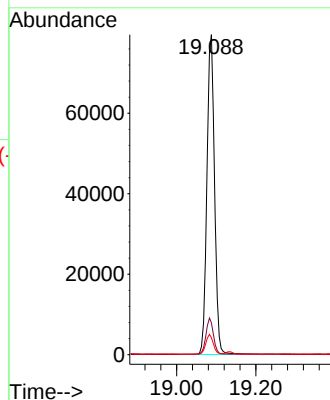
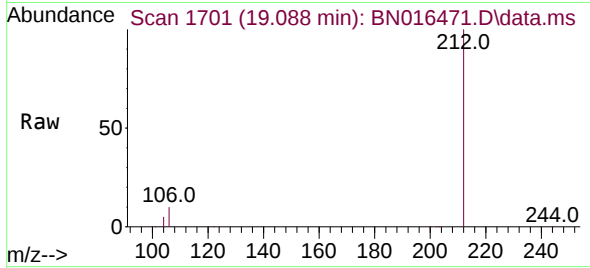




#27  
Fluoranthene-d10  
Concen: 0.398 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

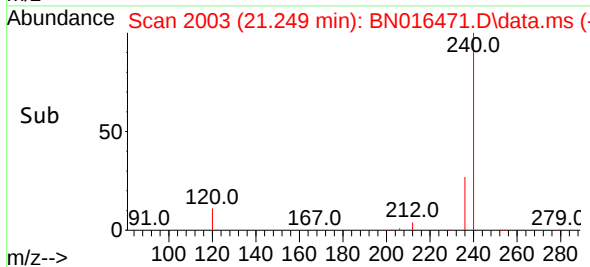
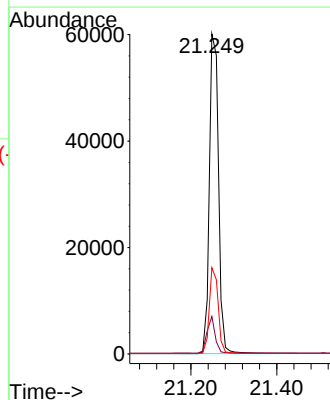
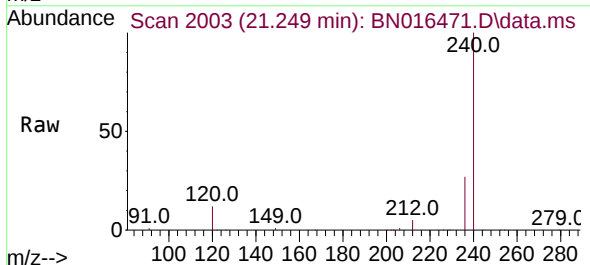
Instrument :  
BNA\_N  
ClientSampleId :

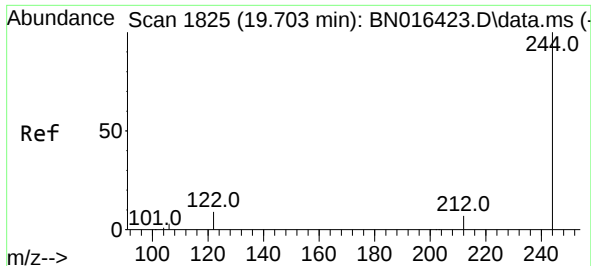
Tgt Ion:212 Resp: 106433  
Ion Ratio Lower Upper  
212 100  
106 10.9 9.8 14.6  
104 6.0 5.4 8.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.249 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

Tgt Ion:240 Resp: 89101  
Ion Ratio Lower Upper  
240 100  
120 11.7 5.3 7.9#  
236 27.0 19.8 29.8

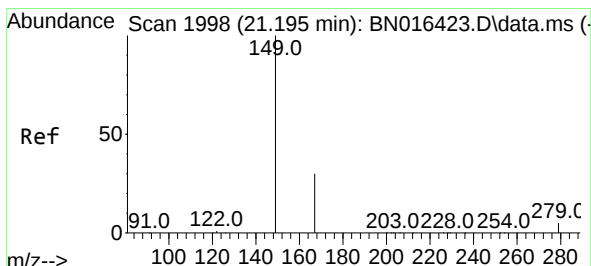
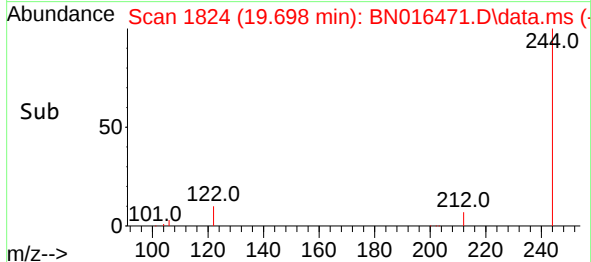
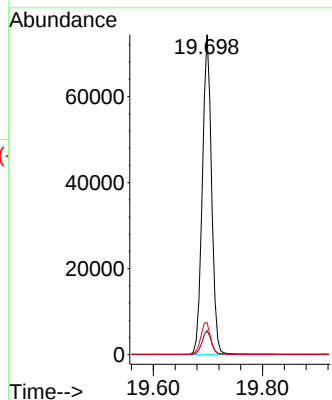
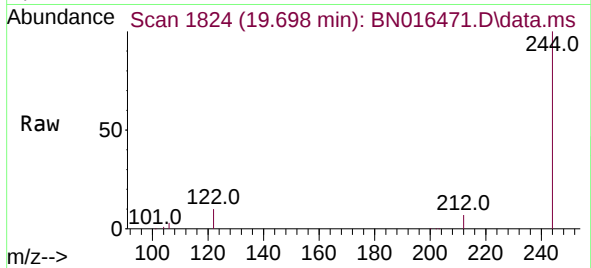




#31  
Terphenyl-d14  
Concen: 0.422 ng  
RT: 19.698 min Scan# 1824  
Delta R.T. -0.005 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

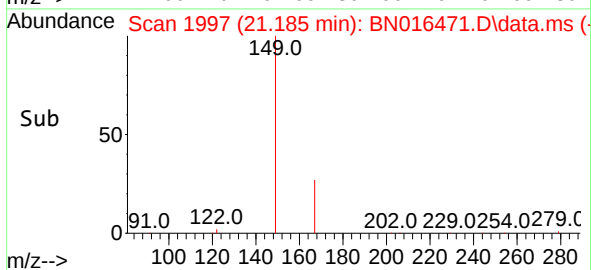
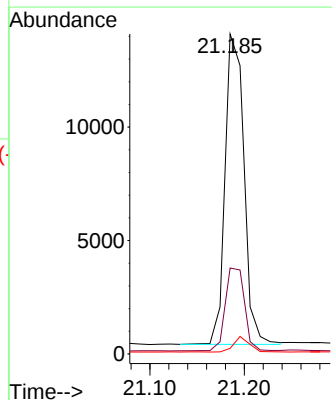
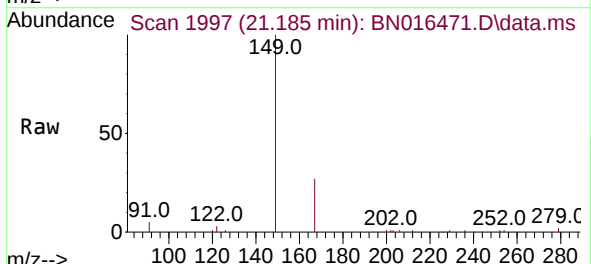
Instrument :  
BNA\_N  
ClientSampleId :

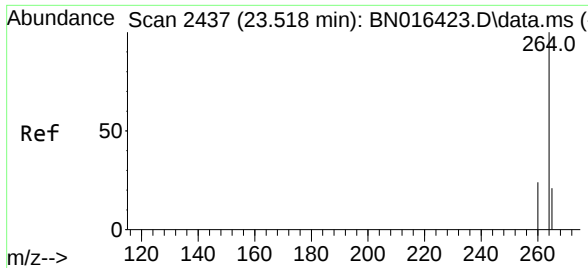
Tgt Ion:244 Resp: 87327  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.5 8.3  
122 10.0 9.0 13.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.270 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.010 min  
Lab File: BN016471.D  
Acq: 25 Sep 2021 12:42

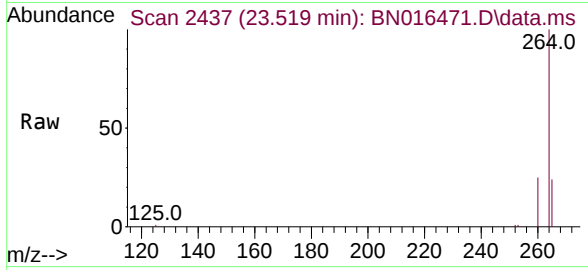
Tgt Ion:149 Resp: 19026  
Ion Ratio Lower Upper  
149 100  
167 27.2 23.4 35.0  
279 4.2 3.9 5.9





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.519 min Scan# 2437  
 Delta R.T. 0.000 min  
 Lab File: BN016471.D  
 Acq: 25 Sep 2021 12:42

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:264 Resp: 71974

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 18.9  | 28.3  |
| 265 | 23.9  | 23.7  | 35.5  |

