

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092421\  
 Data File : BN016459.D  
 Acq On : 25 Sep 2021 05:25  
 Operator : CG/JU  
 Sample : M3782-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BPOW1-8-20210914

Quant Time: Sep 25 06:08:55 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

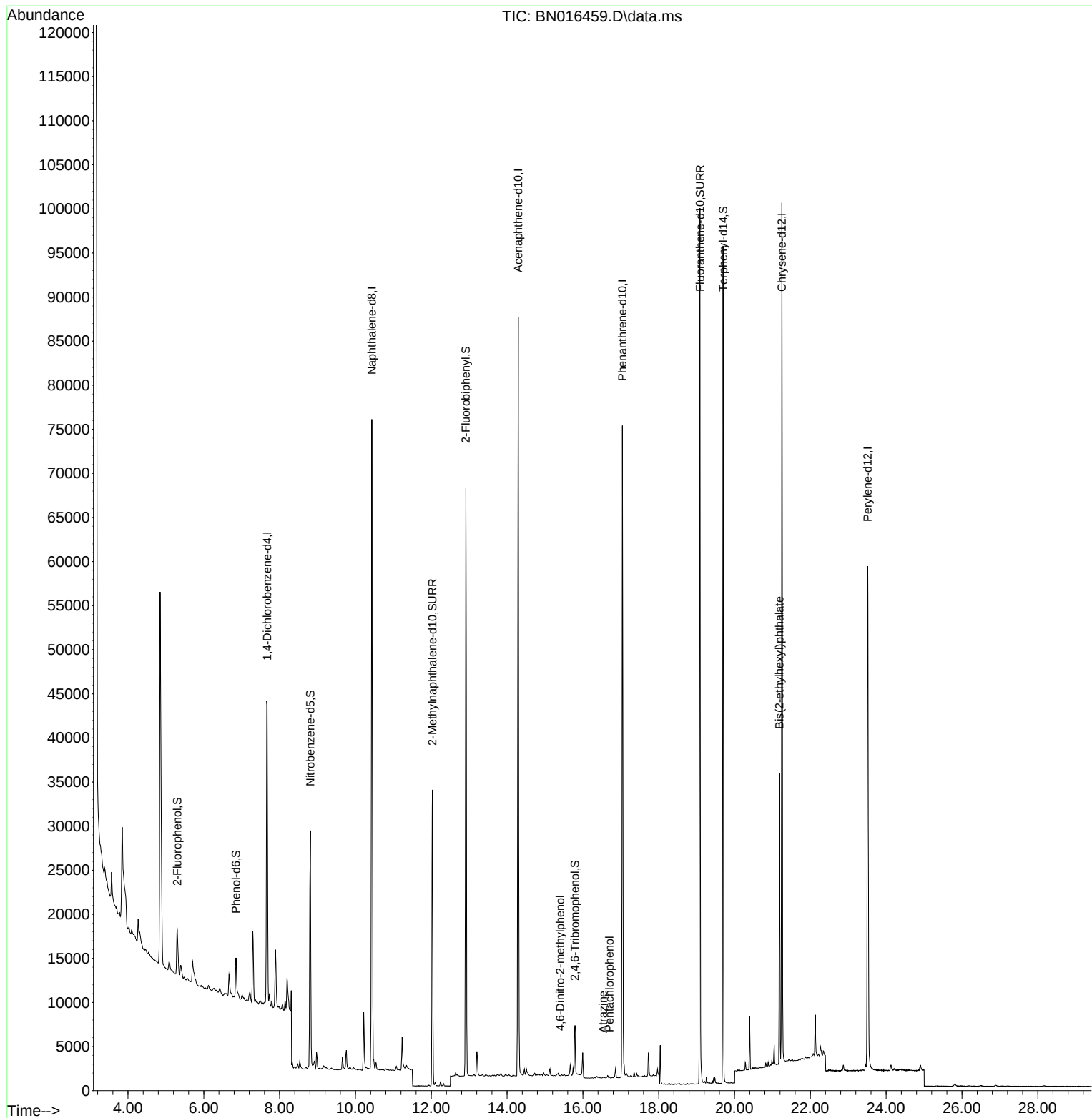
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 21259    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 93852    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 49028    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 98071    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.249 | 240  | 90063    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.512 | 264  | 78272    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 6586     | 0.138 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.849  | 99   | 4326     | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 21628    | 0.326 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.029 | 152  | 44724    | 0.322 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 4349     | 0.363 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 58843    | 0.286 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.088 | 212  | 114405   | 0.425 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 92425    | 0.441 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198  | 4        | 0.148 | ng    | # 1      |
| 23) Atrazine                  | 16.531 | 200  | 12       | 0.135 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.701 | 266  | 42       | 0.246 | ng    | # 82     |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 28723    | 0.403 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

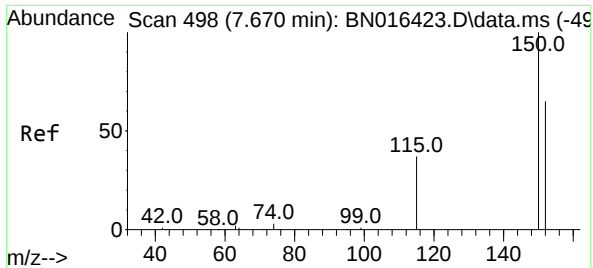
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092421\  
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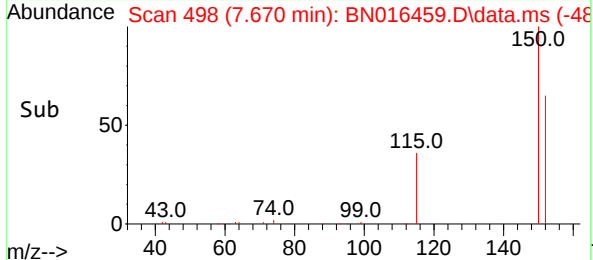
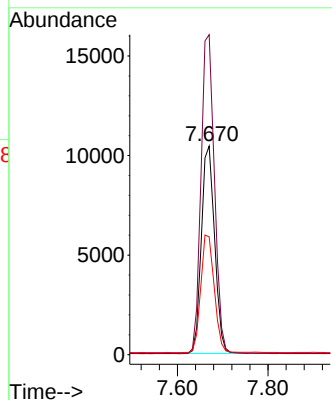
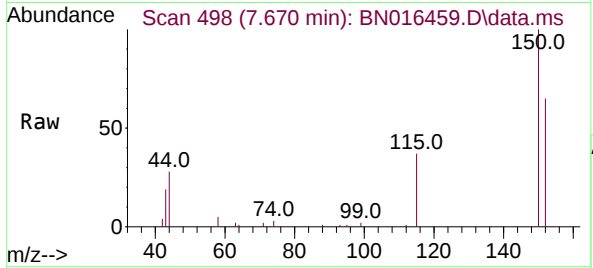




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.670 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

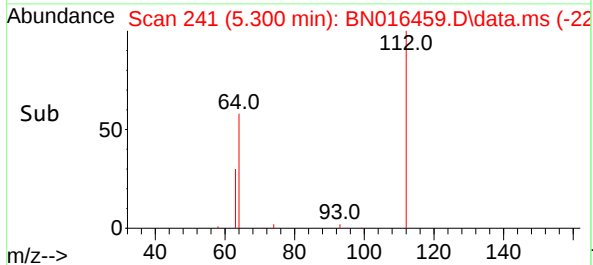
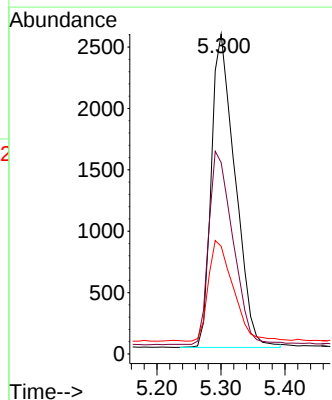
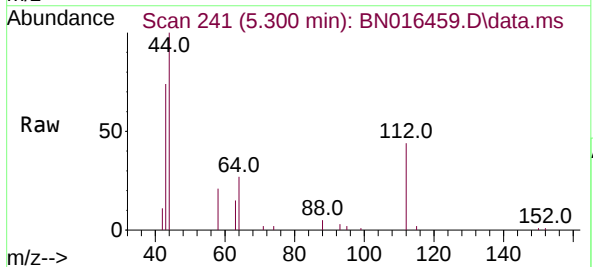
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20210914

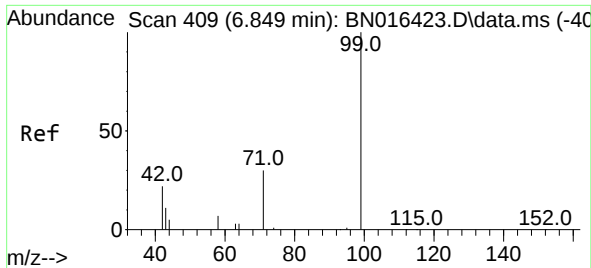
Tgt Ion:152 Resp: 21259  
Ion Ratio Lower Upper  
152 100  
150 153.3 125.6 188.4  
115 56.4 50.2 75.2



#4  
2-Fluorophenol  
Concen: 0.138 ng  
RT: 5.300 min Scan# 241  
Delta R.T. 0.019 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Tgt Ion:112 Resp: 6586  
Ion Ratio Lower Upper  
112 100  
64 62.5 47.3 70.9  
63 33.6 23.4 35.0

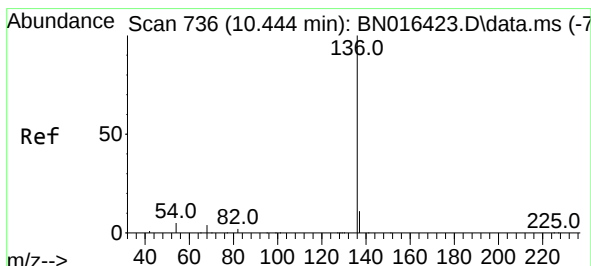
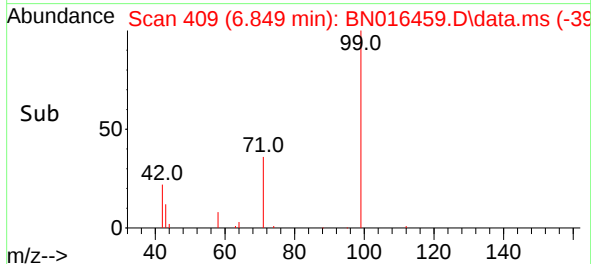
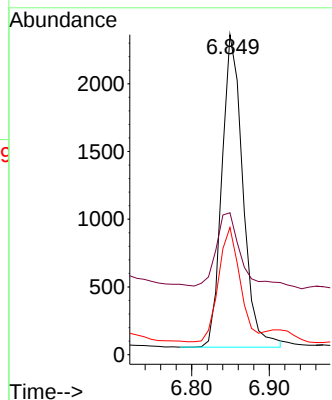
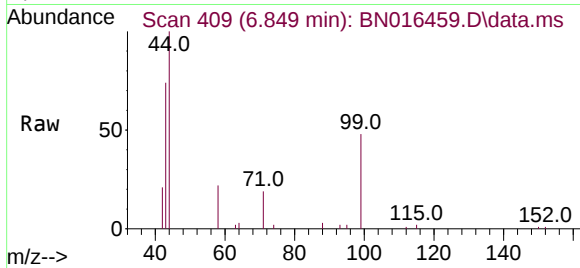




#5  
Phenol-d6  
Concen: 0.077 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

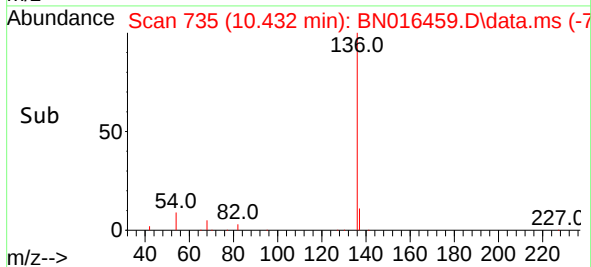
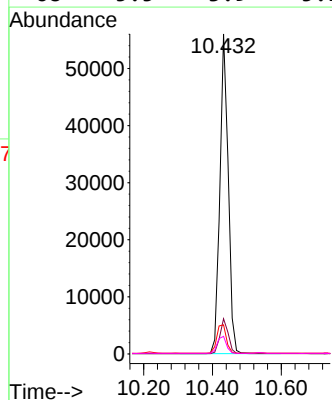
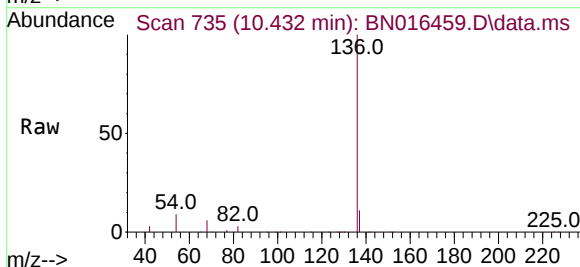
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20210914

Tgt Ion: 99 Resp: 4326  
Ion Ratio Lower Upper  
99 100  
42 26.4 14.0 21.0#  
71 37.9 23.8 35.6#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.012 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Tgt Ion:136 Resp: 93852  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 9.1 5.3 7.9#  
68 5.5 3.9 5.9

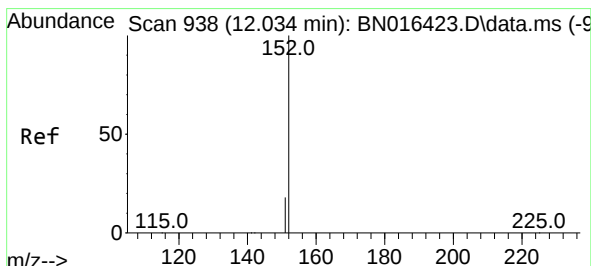
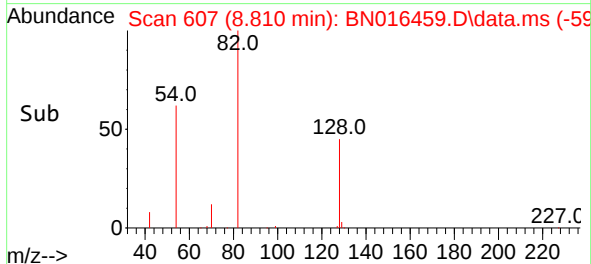
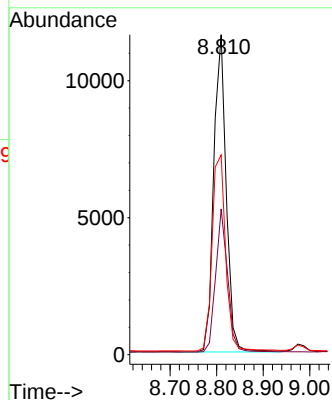
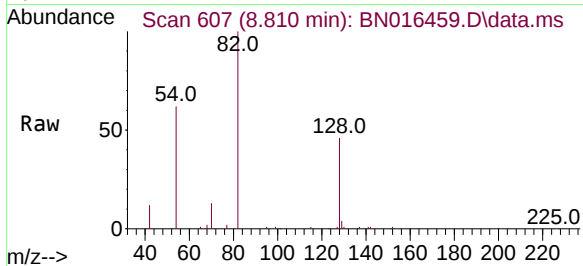




#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

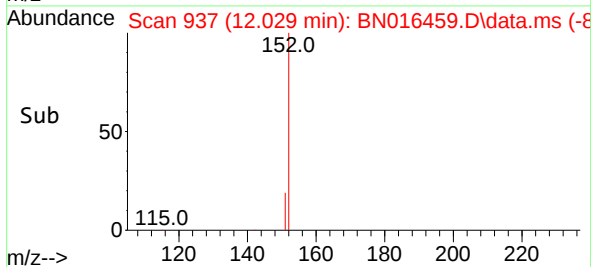
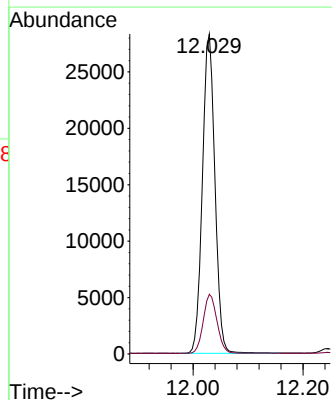
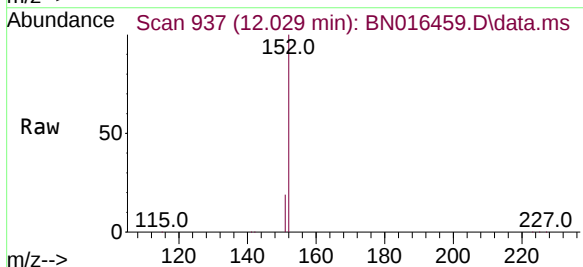
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BPOW1-8-20210914

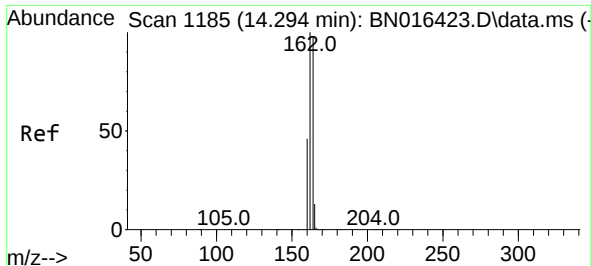
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 21628 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 45.5  | 31.7  | 47.5  |
| 54        | 62.4  | 46.4  | 69.6  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.322 ng  
RT: 12.029 min Scan# 937  
Delta R.T. -0.004 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 44724 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.3  | 16.1  | 24.1  |

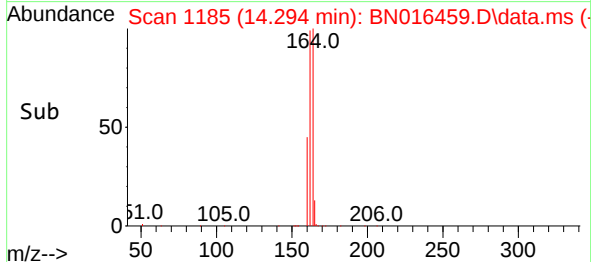
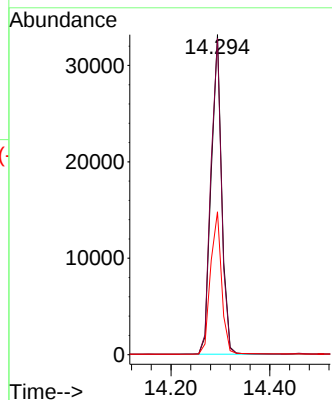
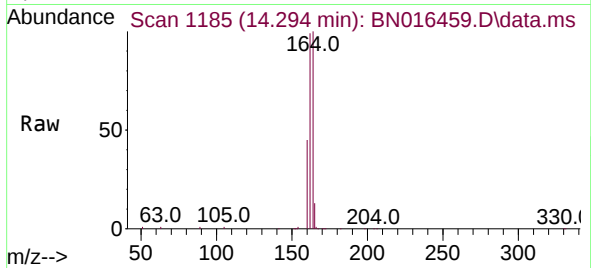




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

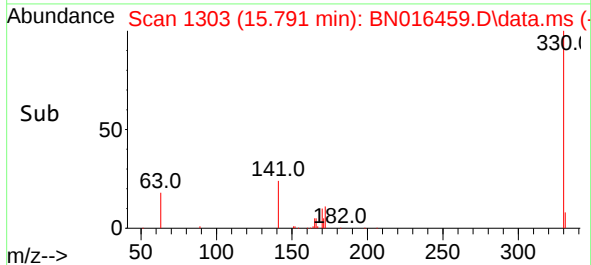
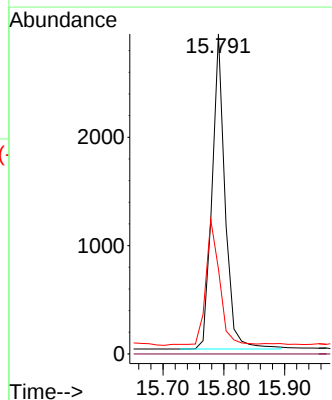
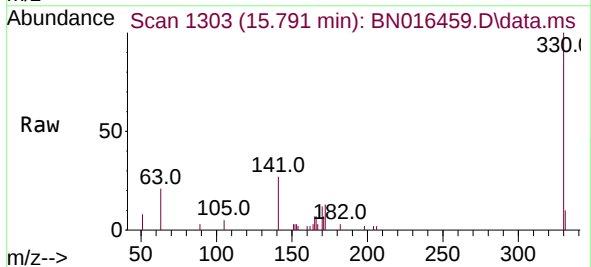
Instrument :  
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ClientSampleId :  
BPOW1-8-20210914

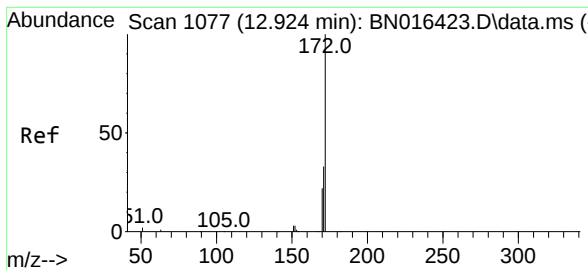
Tgt Ion:164 Resp: 49028  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.0 118.4  
160 44.7 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.363 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Tgt Ion:330 Resp: 4349  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 40.7 25.0 37.4#

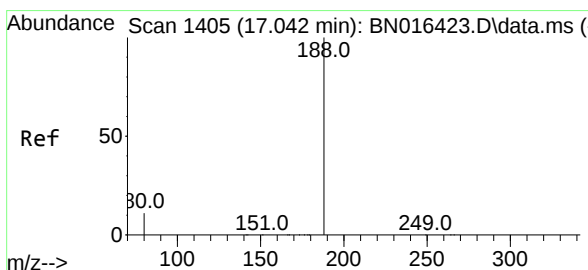
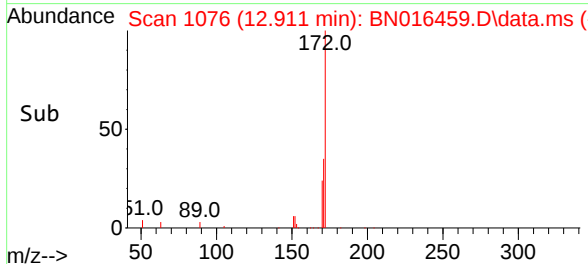
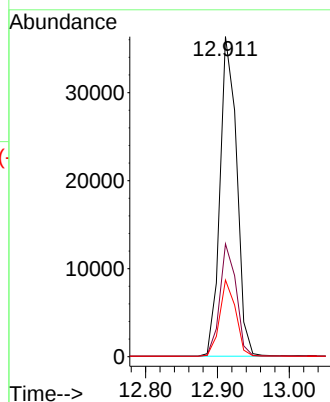
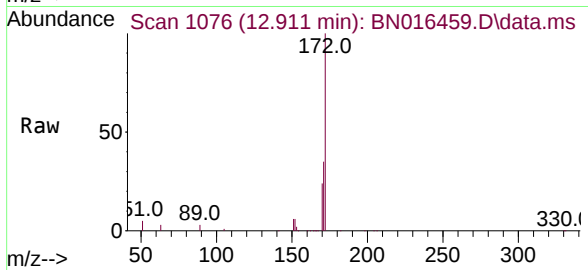




#15  
2-Fluorobiphenyl  
Concen: 0.286 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.012 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

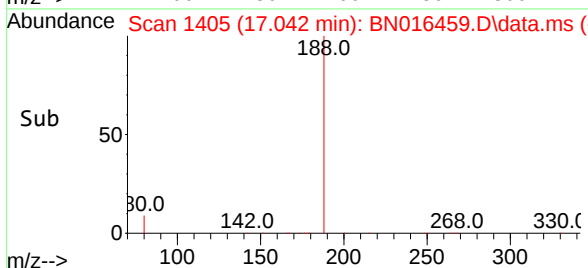
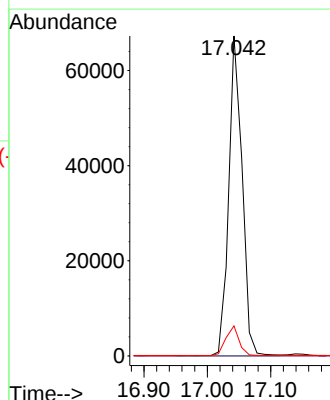
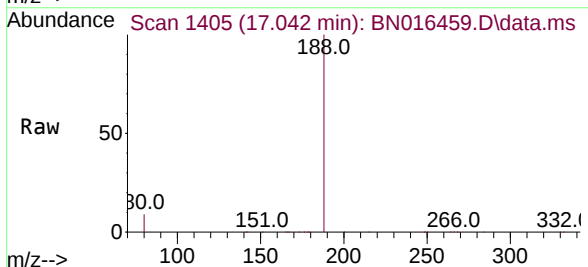
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ClientSampleId :  
BPOW1-8-20210914

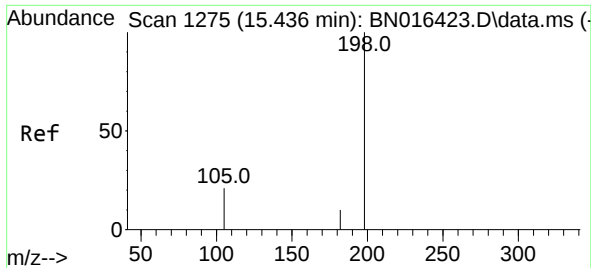
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 58843 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.3  | 27.8  | 41.6  |
| 170       | 24.0  | 18.2  | 27.2  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 98071 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.4   | 7.0   | 10.6  |

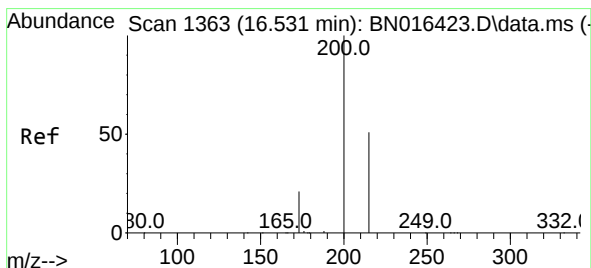
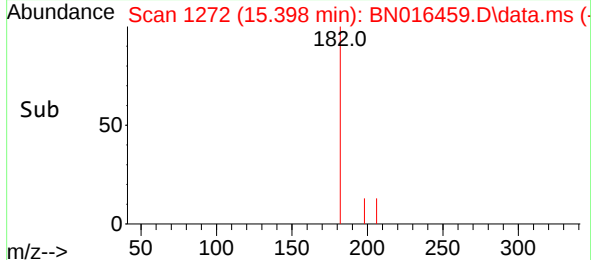
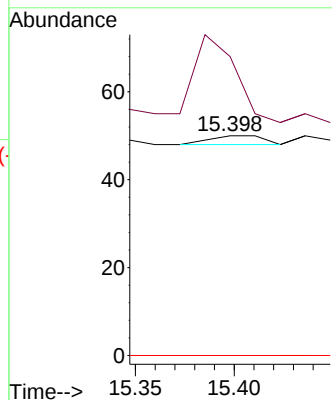
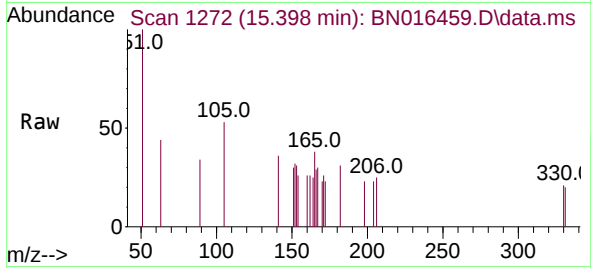




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.148 ng  
RT: 15.398 min Scan# 1272  
Delta R.T. -0.038 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

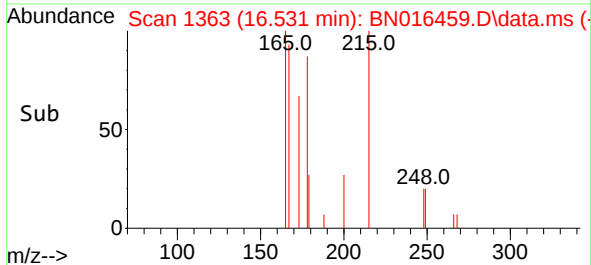
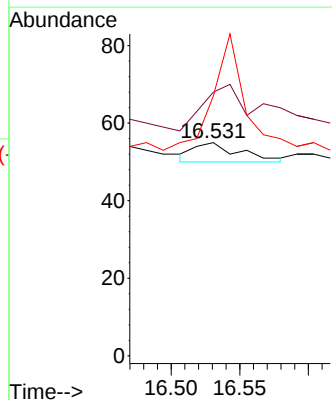
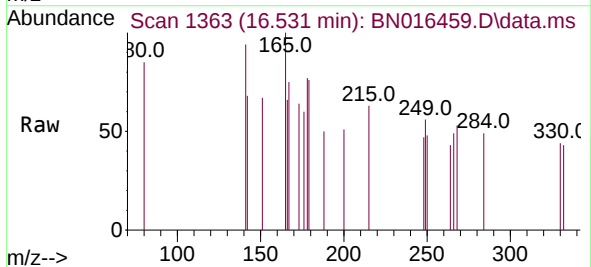
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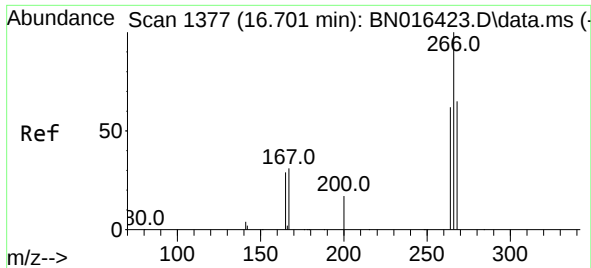
Tgt Ion:198 Resp: 4  
Ion Ratio Lower Upper  
198 100  
182 136.0 26.6 39.8#  
77 0.0 0.0 0.0



#23  
Atrazine  
Concen: 0.135 ng  
RT: 16.531 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Tgt Ion:200 Resp: 12  
Ion Ratio Lower Upper  
200 100  
173 123.6 18.7 28.1#  
215 121.8 41.6 62.4#

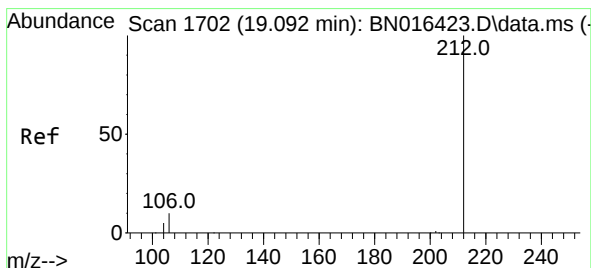
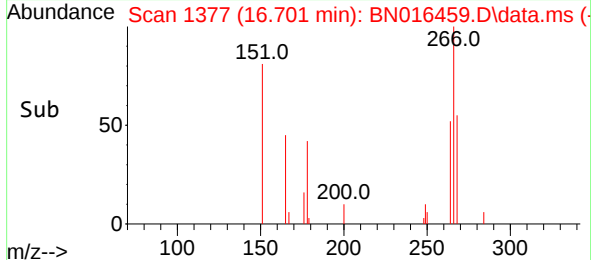
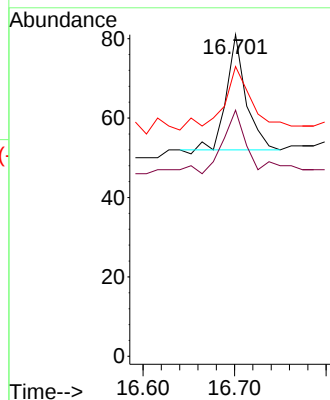
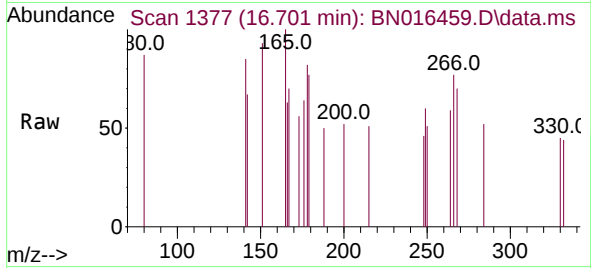




#24  
Pentachlorophenol  
Concen: 0.246 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

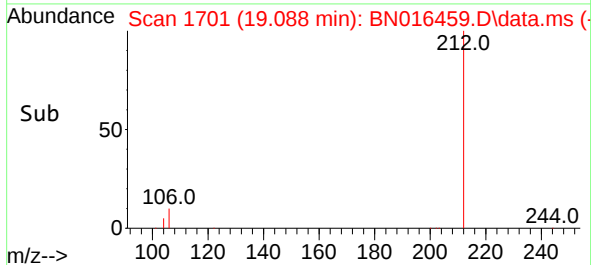
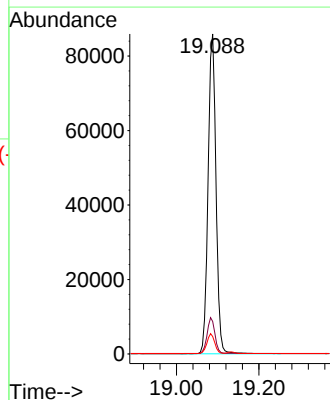
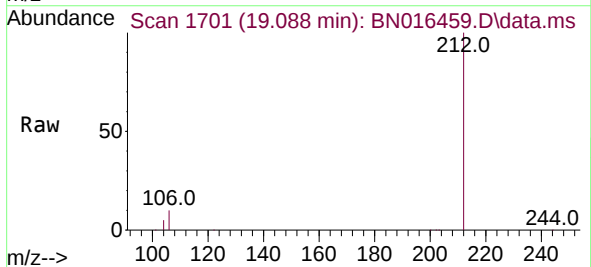
Instrument :  
BNA\_N  
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BPOW1-8-20210914

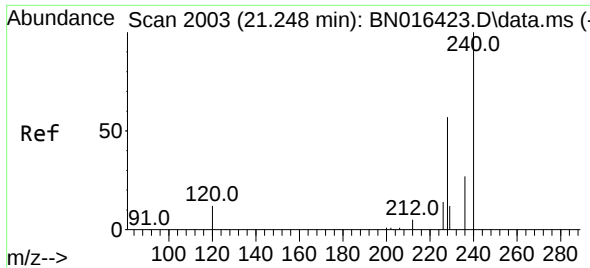
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:266 | Resp: | 42         |
| Ion Ratio   | Lower | Upper      |
| 266         | 100   |            |
| 264         | 71.4  | 50.6 75.8  |
| 268         | 85.7  | 52.6 79.0# |



#27  
Fluoranthene-d10  
Concen: 0.425 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:212 | Resp: | 114405   |
| Ion Ratio   | Lower | Upper    |
| 212         | 100   |          |
| 106         | 11.2  | 9.8 14.6 |
| 104         | 6.1   | 5.4 8.2  |

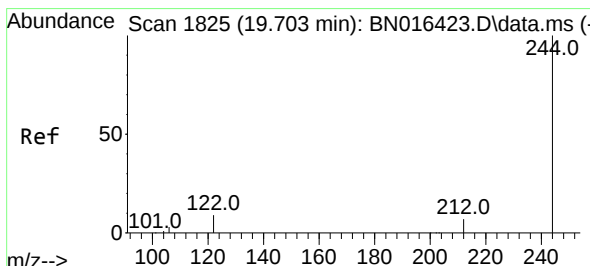
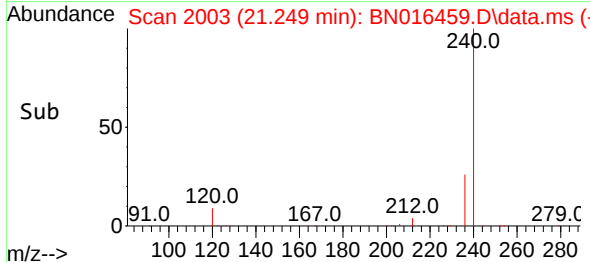
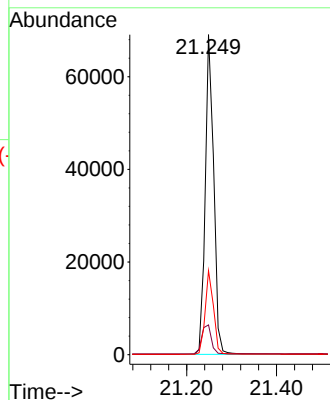
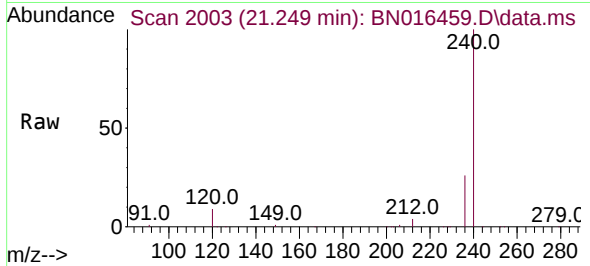




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.249 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

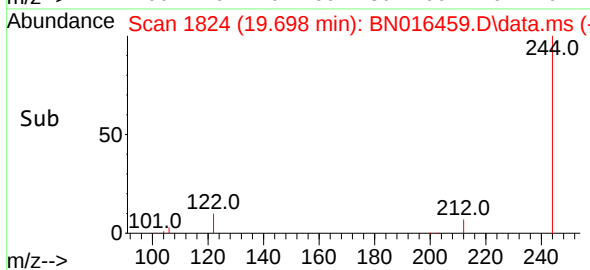
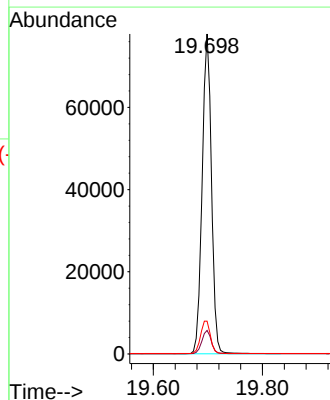
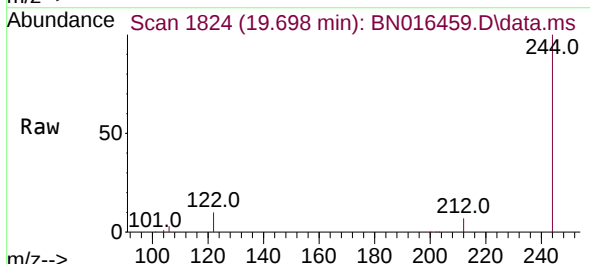
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20210914

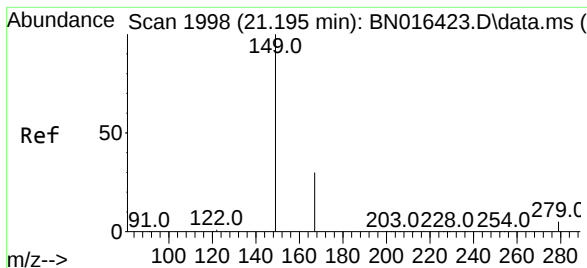
Tgt Ion:240 Resp: 90063  
Ion Ratio Lower Upper  
240 100  
120 9.3 5.3 7.9#  
236 26.3 19.8 29.8



#31  
Terphenyl-d14  
Concen: 0.441 ng  
RT: 19.698 min Scan# 1824  
Delta R.T. -0.005 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Tgt Ion:244 Resp: 92425  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.5 8.3  
122 10.2 9.0 13.4

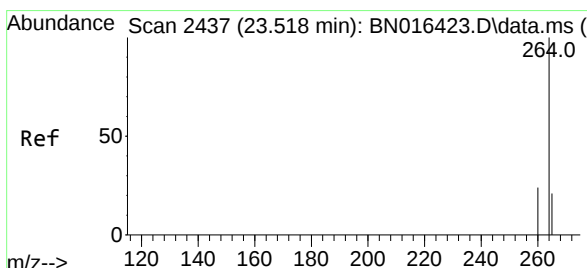
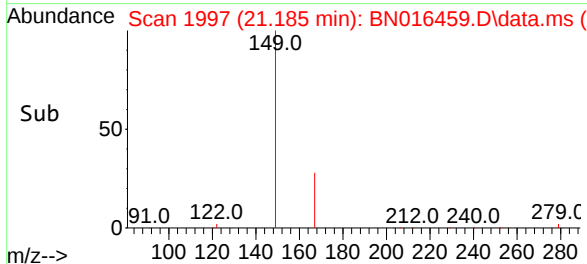
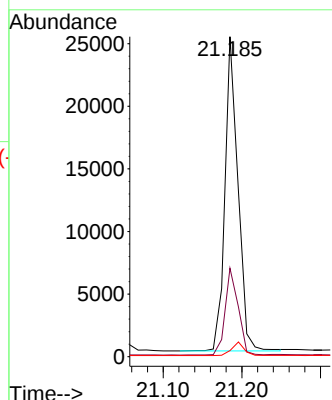
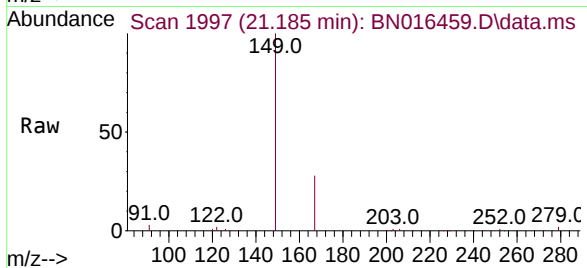




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.403 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.010 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20210914

Tgt Ion:149 Resp: 28723  
Ion Ratio Lower Upper  
149 100  
167 27.6 23.4 35.0  
279 4.1 3.9 5.9



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.512 min Scan# 2435  
Delta R.T. -0.007 min  
Lab File: BN016459.D  
Acq: 25 Sep 2021 05:25

Tgt Ion:264 Resp: 78272  
Ion Ratio Lower Upper  
264 100  
260 24.6 18.9 28.3  
265 24.2 23.7 35.5

