

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
 Data File : BN016495.D  
 Acq On : 26 Sep 2021 04:27  
 Operator : CG/JU  
 Sample : M3922-02  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 26 05:43:07 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

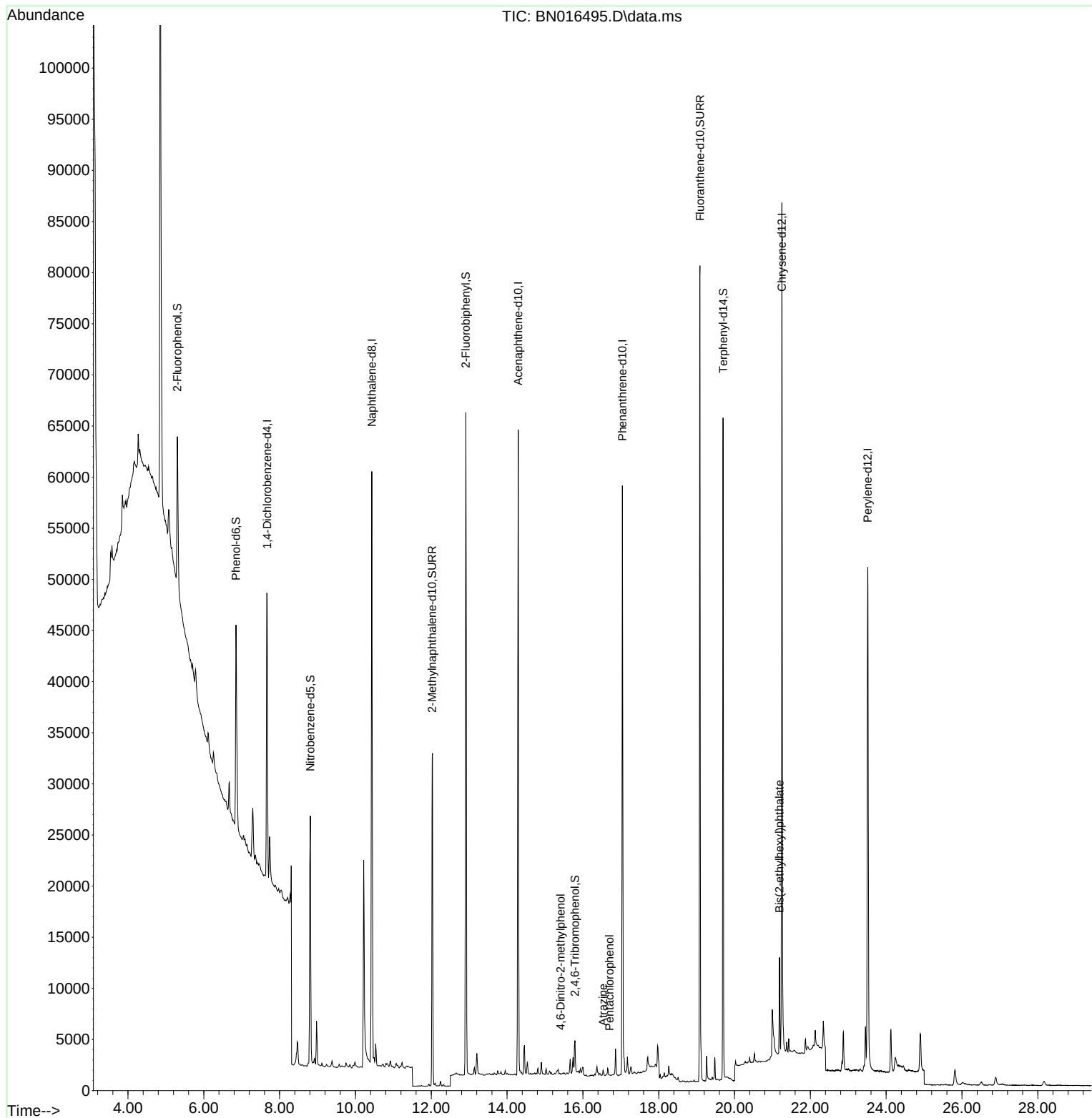
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 17385    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 73270    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 35276    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 72971    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.249 | 240  | 75500    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.515 | 264  | 68349    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 15638    | 0.401 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.849  | 99   | 17941    | 0.390 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 19172    | 0.370 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.025 | 152  | 44016    | 0.405 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 2554     | 0.319 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 56003    | 0.378 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.088 | 212  | 91422    | 0.457 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 64256    | 0.366 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 3        | 0.148 | ng    | # 1      |
| 23) Atrazine                  | 16.531 | 200  | 26       | 0.136 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.701 | 266  | 15       | 0.245 | ng    | # 38     |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 8636     | 0.145 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

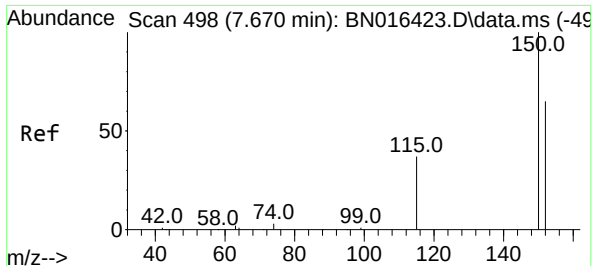
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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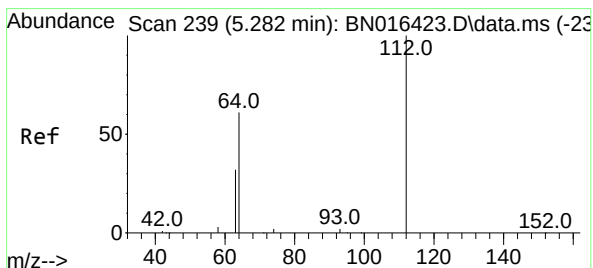
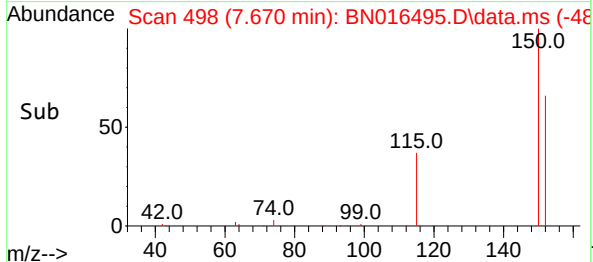
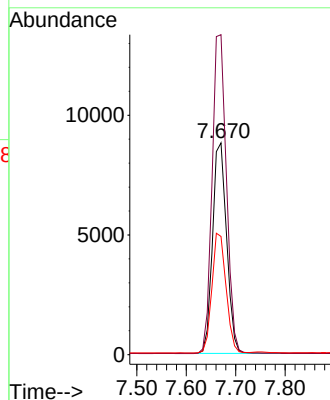
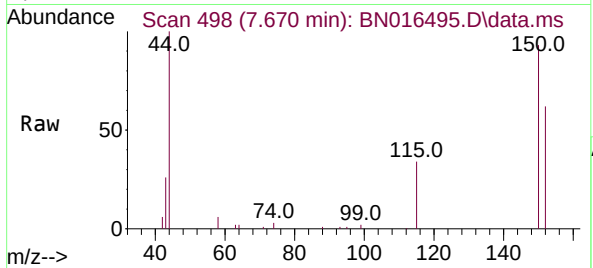




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.670 min Scan# 498  
 Delta R.T. 0.000 min  
 Lab File: BN016495.D  
 Acq: 26 Sep 2021 04:27

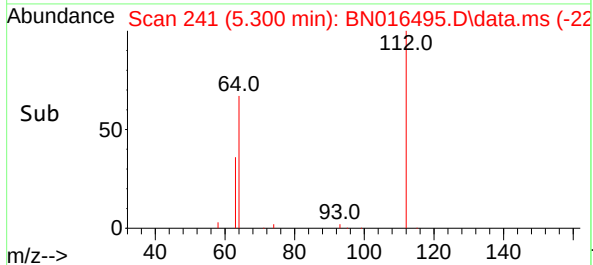
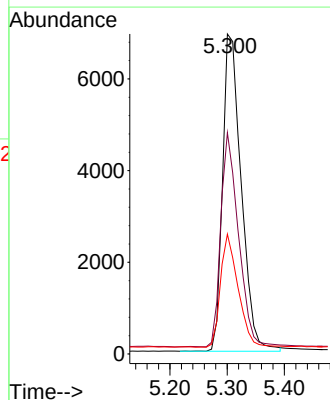
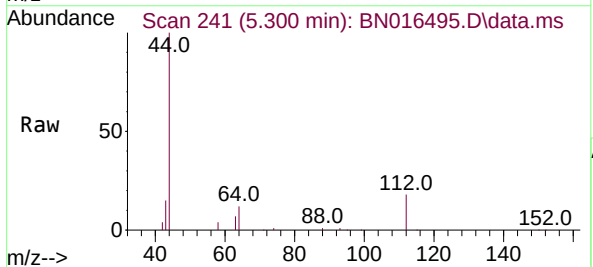
Instrument :  
 BNA\_N  
 ClientSampled :

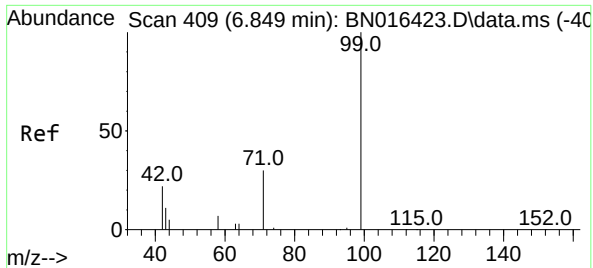
Tgt Ion:152 Resp: 17385  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 125.6 188.4  
 115 55.8 50.2 75.2



#4  
 2-Fluorophenol  
 Concen: 0.401 ng  
 RT: 5.300 min Scan# 241  
 Delta R.T. 0.019 min  
 Lab File: BN016495.D  
 Acq: 26 Sep 2021 04:27

Tgt Ion:112 Resp: 15638  
 Ion Ratio Lower Upper  
 112 100  
 64 64.0 47.3 70.9  
 63 33.9 23.4 35.0

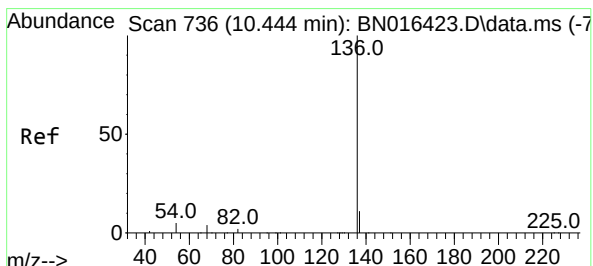
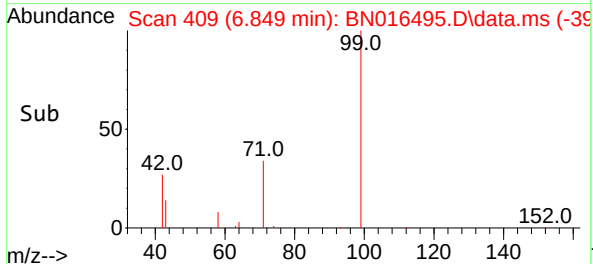
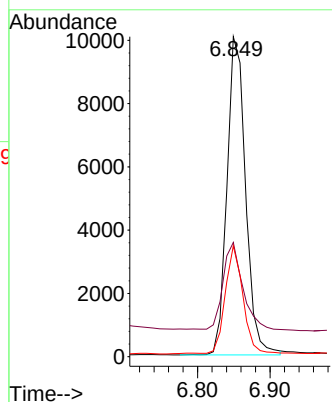
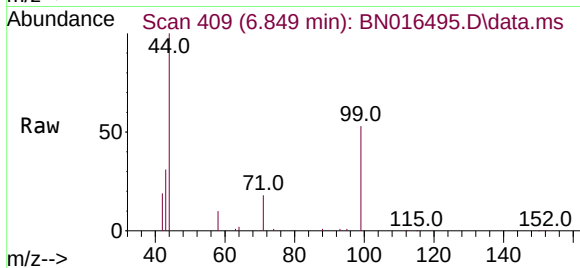




#5  
Phenol-d6  
Concen: 0.390 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

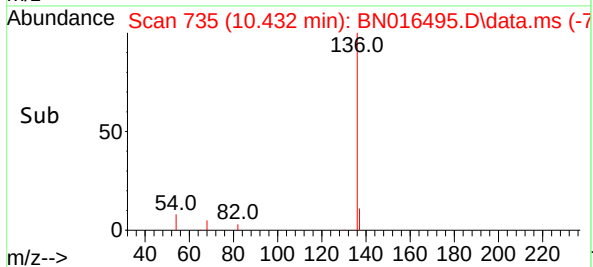
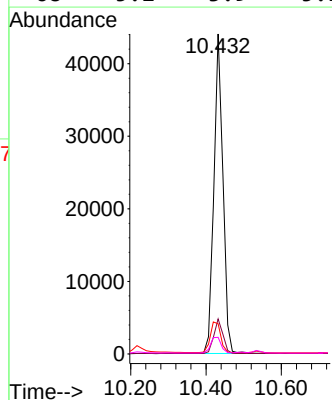
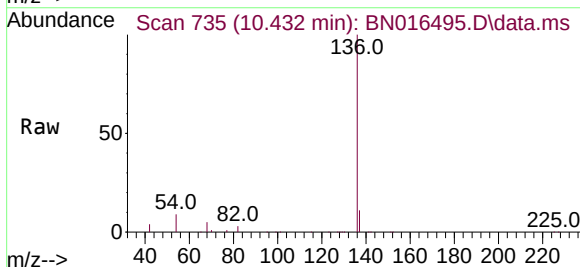
Instrument :  
BNA\_N  
ClientSampled :

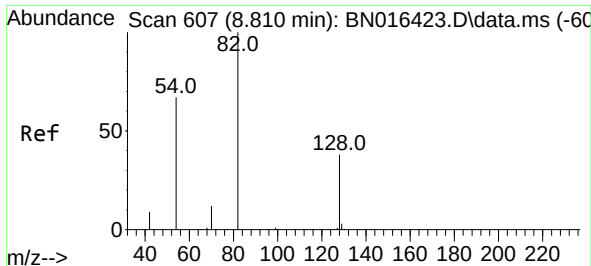
Tgt Ion: 99 Resp: 17941  
Ion Ratio Lower Upper  
99 100  
42 28.8 14.0 21.0#  
71 32.3 23.8 35.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.012 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

Tgt Ion: 136 Resp: 73270  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 9.4 5.3 7.9#  
68 5.2 3.9 5.9

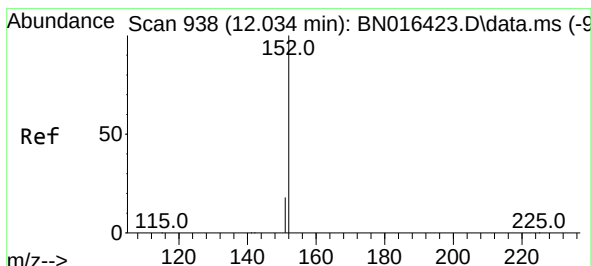
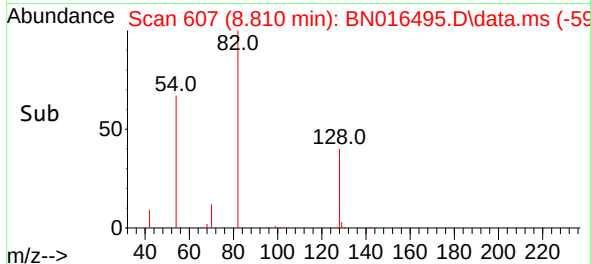
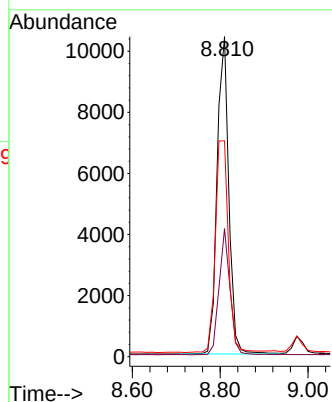
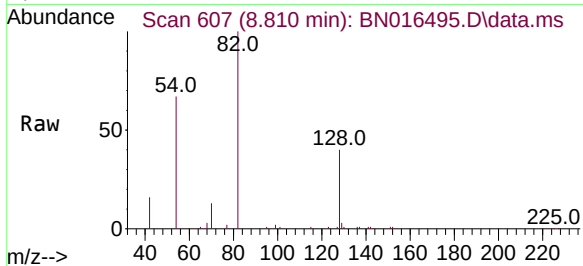




#8  
Nitrobenzene-d5  
Concen: 0.370 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

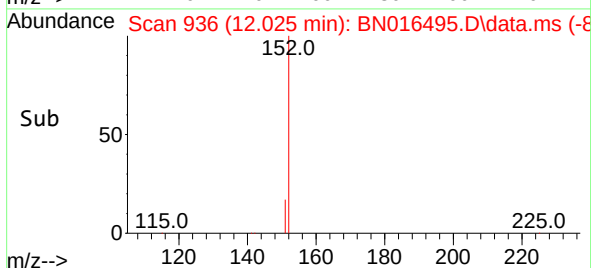
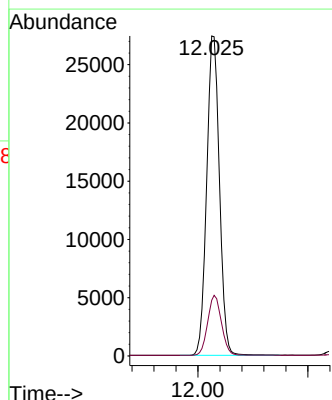
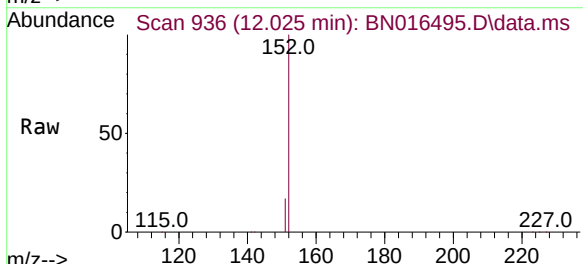
Instrument :  
BNA\_N  
ClientSampleId :

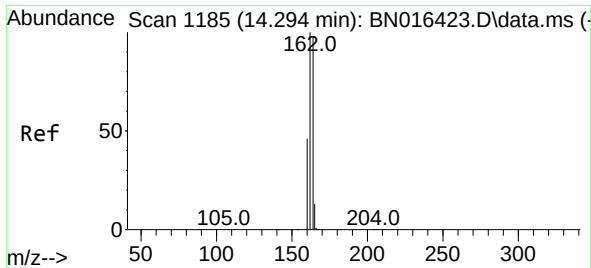
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.0  | 31.7  | 47.5  |
| 54      | 67.5  | 46.4  | 69.6  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.405 ng  
RT: 12.025 min Scan# 936  
Delta R.T. -0.009 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

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

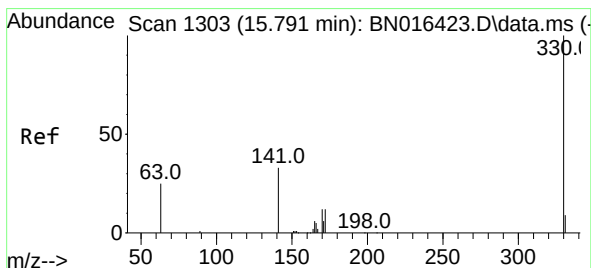
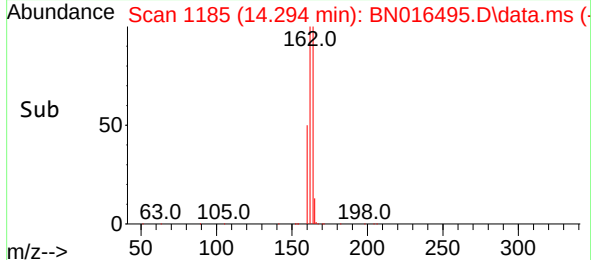
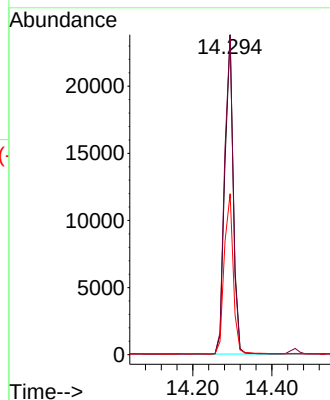
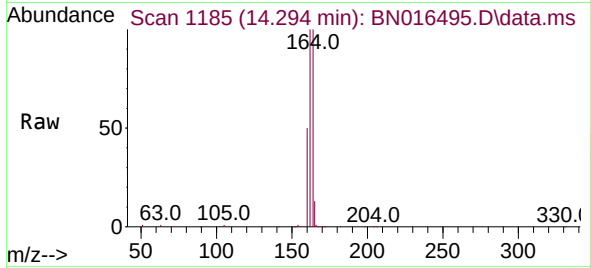




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

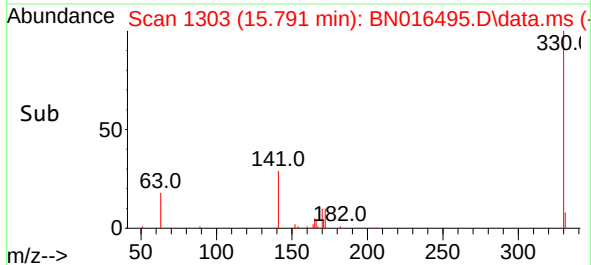
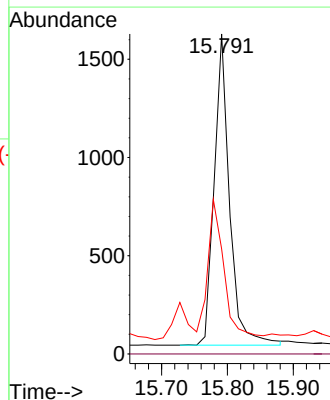
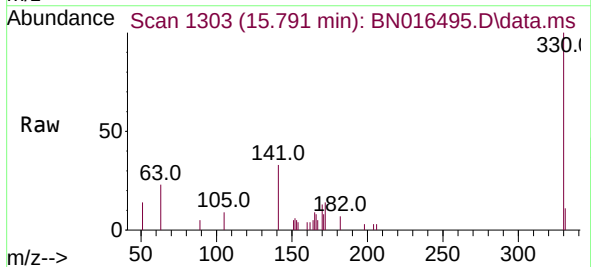
Instrument :  
BNA\_N  
ClientSampled :

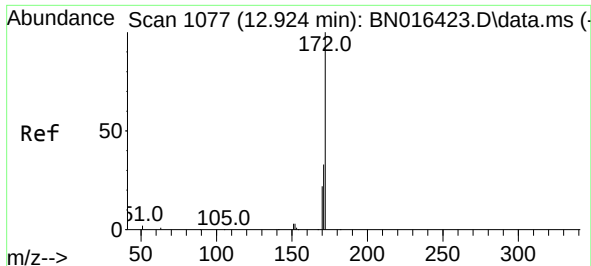
Tgt Ion:164 Resp: 35276  
Ion Ratio Lower Upper  
164 100  
162 99.9 79.0 118.4  
160 50.3 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.319 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

Tgt Ion:330 Resp: 2554  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 43.9 25.0 37.4#

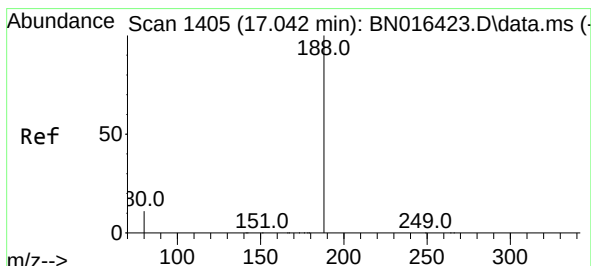
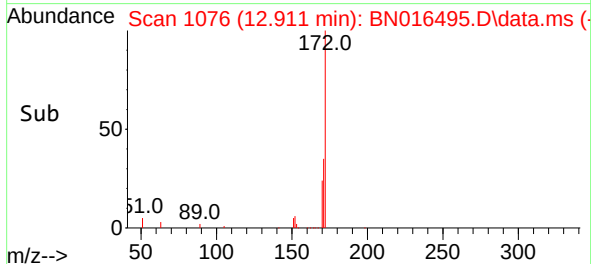
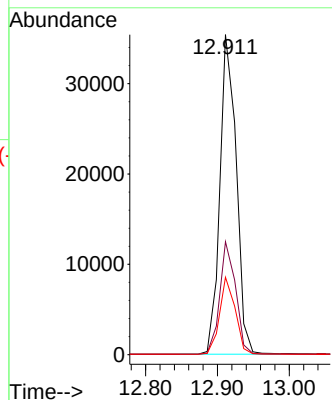
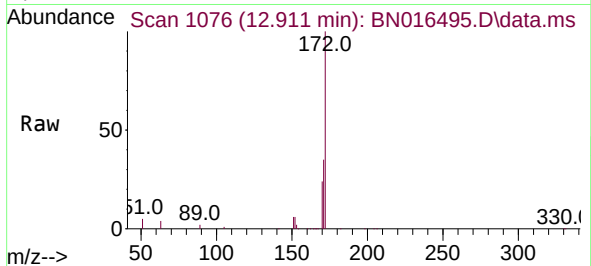




#15  
2-Fluorobiphenyl  
Concen: 0.378 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.012 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

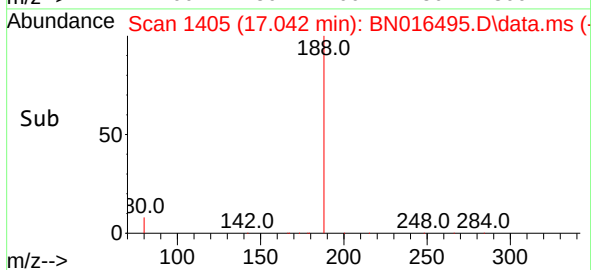
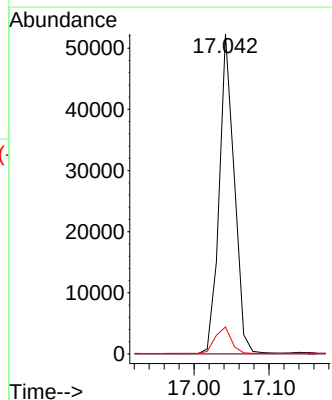
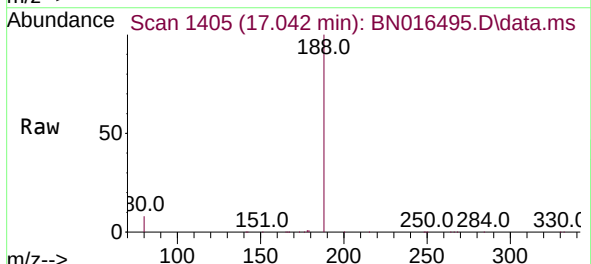
Instrument :  
BNA\_N  
ClientSampleId :

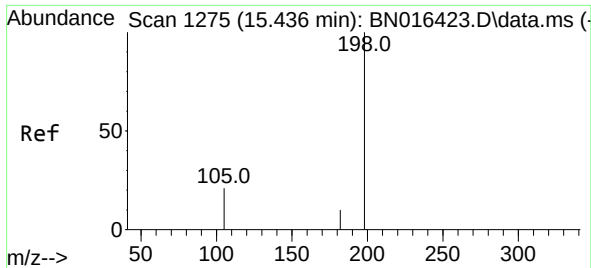
Tgt Ion:172 Resp: 56003  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.8 41.6  
170 24.2 18.2 27.2



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

Tgt Ion:188 Resp: 72971  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.5 7.0 10.6

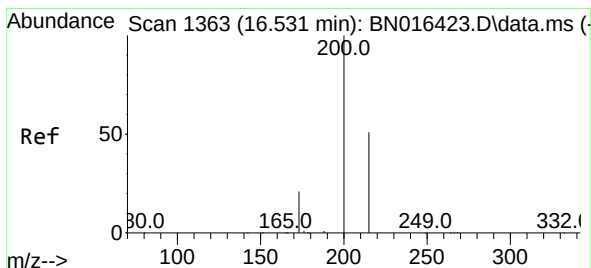
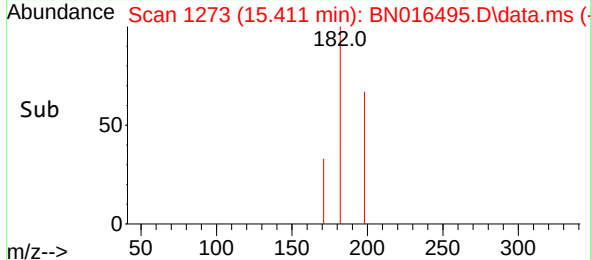
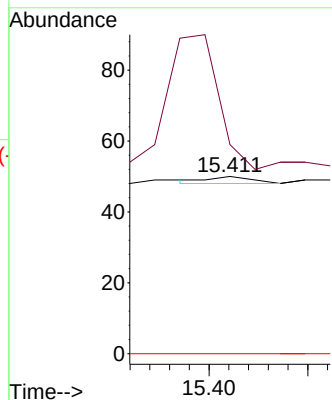
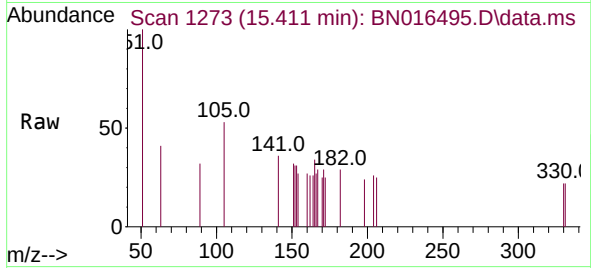




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.148 ng  
RT: 15.411 min Scan# 1273  
Delta R.T. -0.025 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

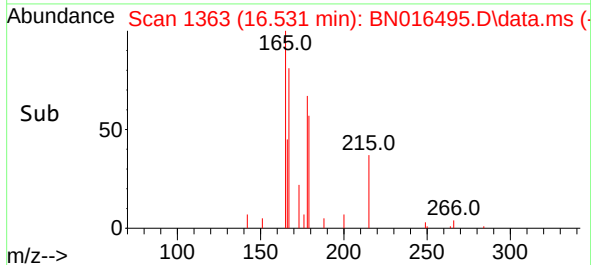
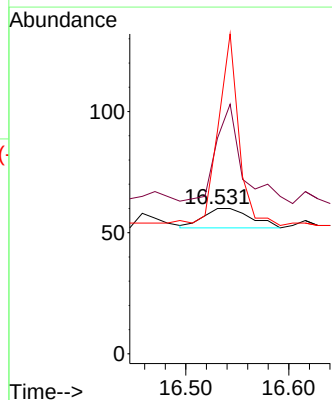
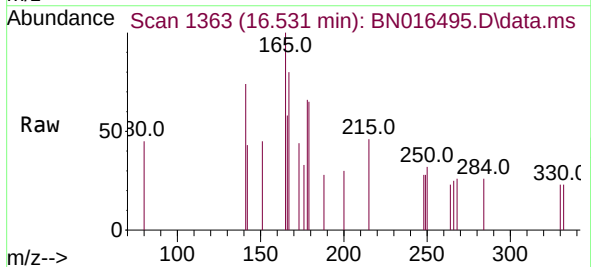
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 118.0 26.6 39.8#  
77 0.0 0.0 0.0

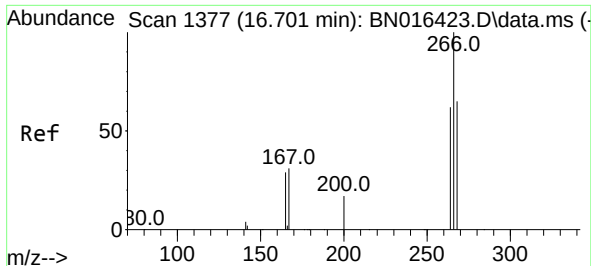


#23  
Atrazine  
Concen: 0.136 ng  
RT: 16.531 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

Tgt Ion:200 Resp: 26  
Ion Ratio Lower Upper  
200 100  
173 148.3 18.7 28.1#  
215 153.3 41.6 62.4#



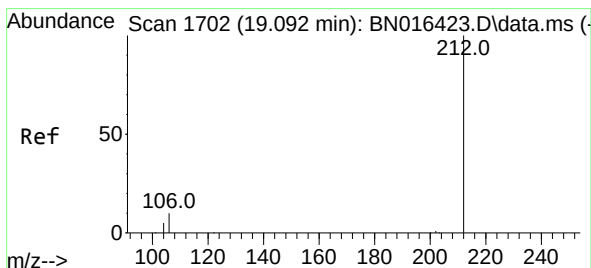
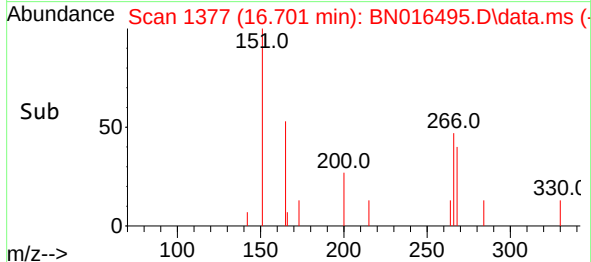
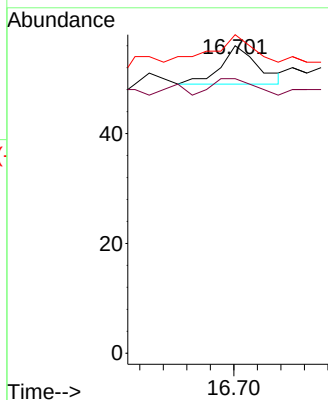
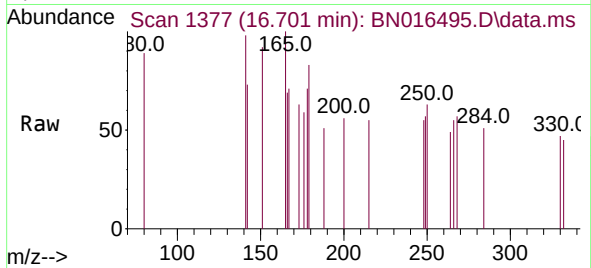




#24  
Pentachlorophenol  
Concen: 0.245 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

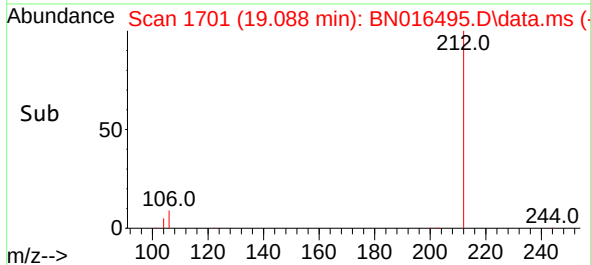
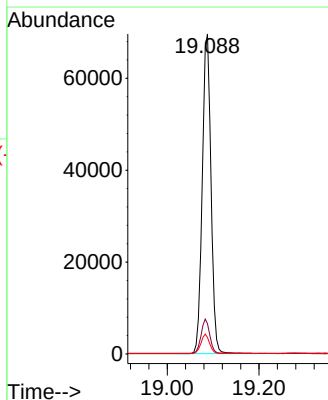
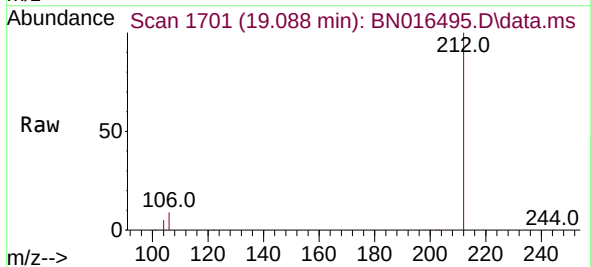
Instrument :  
BNA\_N  
ClientSampleId :

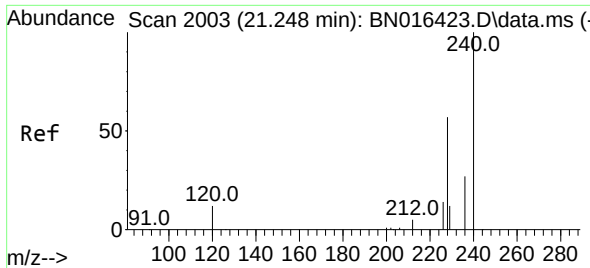
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 15    |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 0.0   | 50.6  | 75.8# |
| 268       | 100.0 | 52.6  | 79.0# |



#27  
Fluoranthene-d10  
Concen: 0.457 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 91422 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 10.6  | 9.8   | 14.6  |
| 104       | 5.9   | 5.4   | 8.2   |

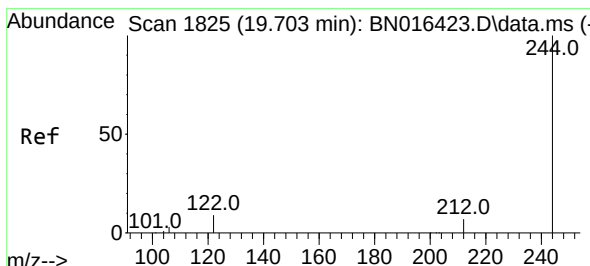
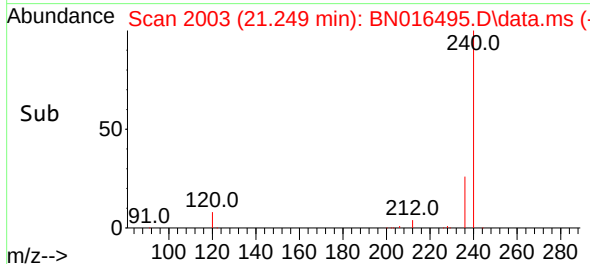
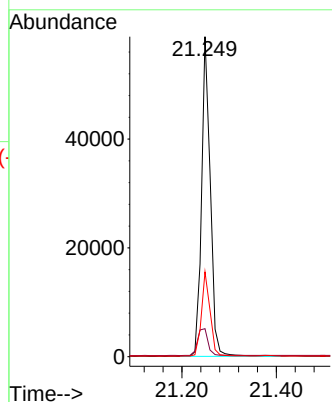
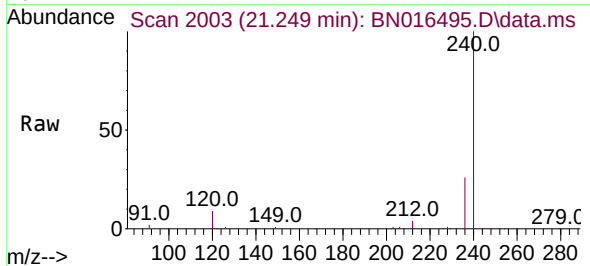




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.249 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

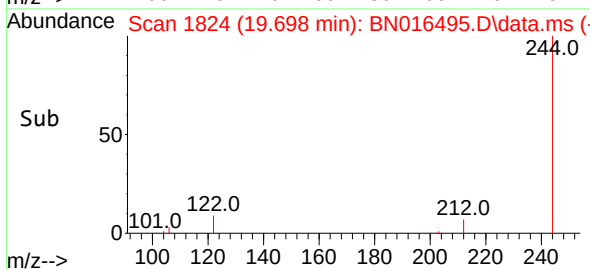
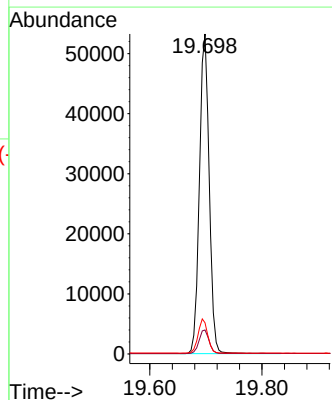
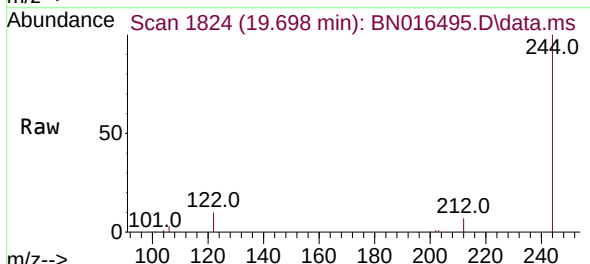
Instrument :  
BNA\_N  
ClientSampleId :

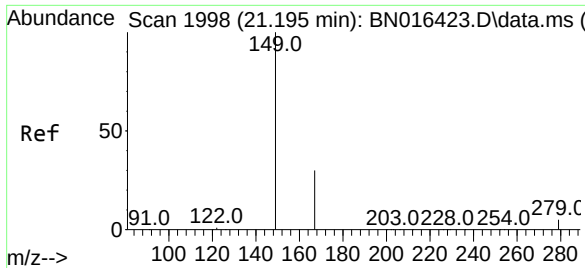
Tgt Ion:240 Resp: 75500  
Ion Ratio Lower Upper  
240 100  
120 8.8 5.3 7.9#  
236 26.5 19.8 29.8



#31  
Terphenyl-d14  
Concen: 0.366 ng  
RT: 19.698 min Scan# 1824  
Delta R.T. -0.005 min  
Lab File: BN016495.D  
Acq: 26 Sep 2021 04:27

Tgt Ion:244 Resp: 64256  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.5 8.3  
122 9.8 9.0 13.4

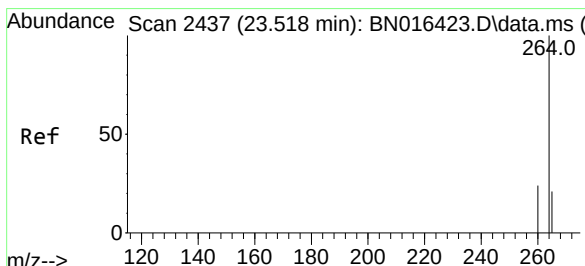
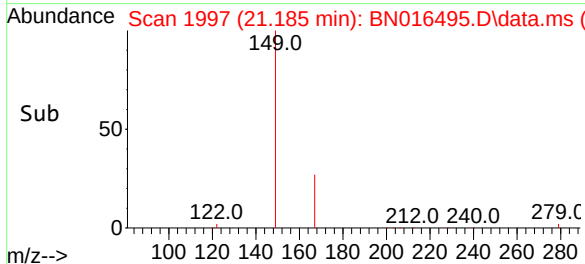
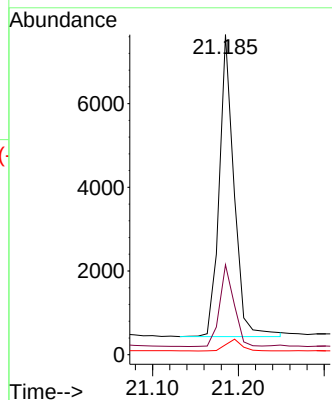
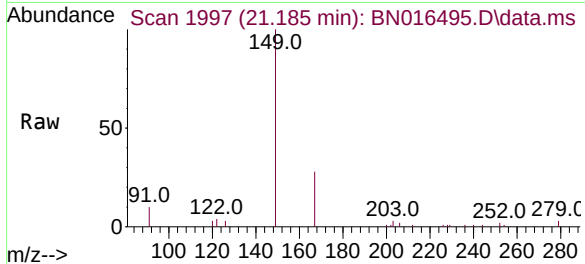




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.145 ng  
 RT: 21.185 min Scan# 1997  
 Delta R.T. -0.010 min  
 Lab File: BN016495.D  
 Acq: 26 Sep 2021 04:27

Instrument :  
 BNA\_N  
 ClientSampleId :

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 8636 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.3  | 23.4  | 35.0 |
| 279       | 4.2   | 3.9   | 5.9  |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.515 min Scan# 2436  
 Delta R.T. -0.003 min  
 Lab File: BN016495.D  
 Acq: 26 Sep 2021 04:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 68349 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 24.6  | 18.9  | 28.3  |
| 265       | 23.5  | 23.7  | 35.5# |

