

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016691.D  
 Acq On : 03 Oct 2021 04:36  
 Operator : CG/JU  
 Sample : M3915-01  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 04 03:36:48 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 13:35:26 2021  
 Response via : Initial Calibration

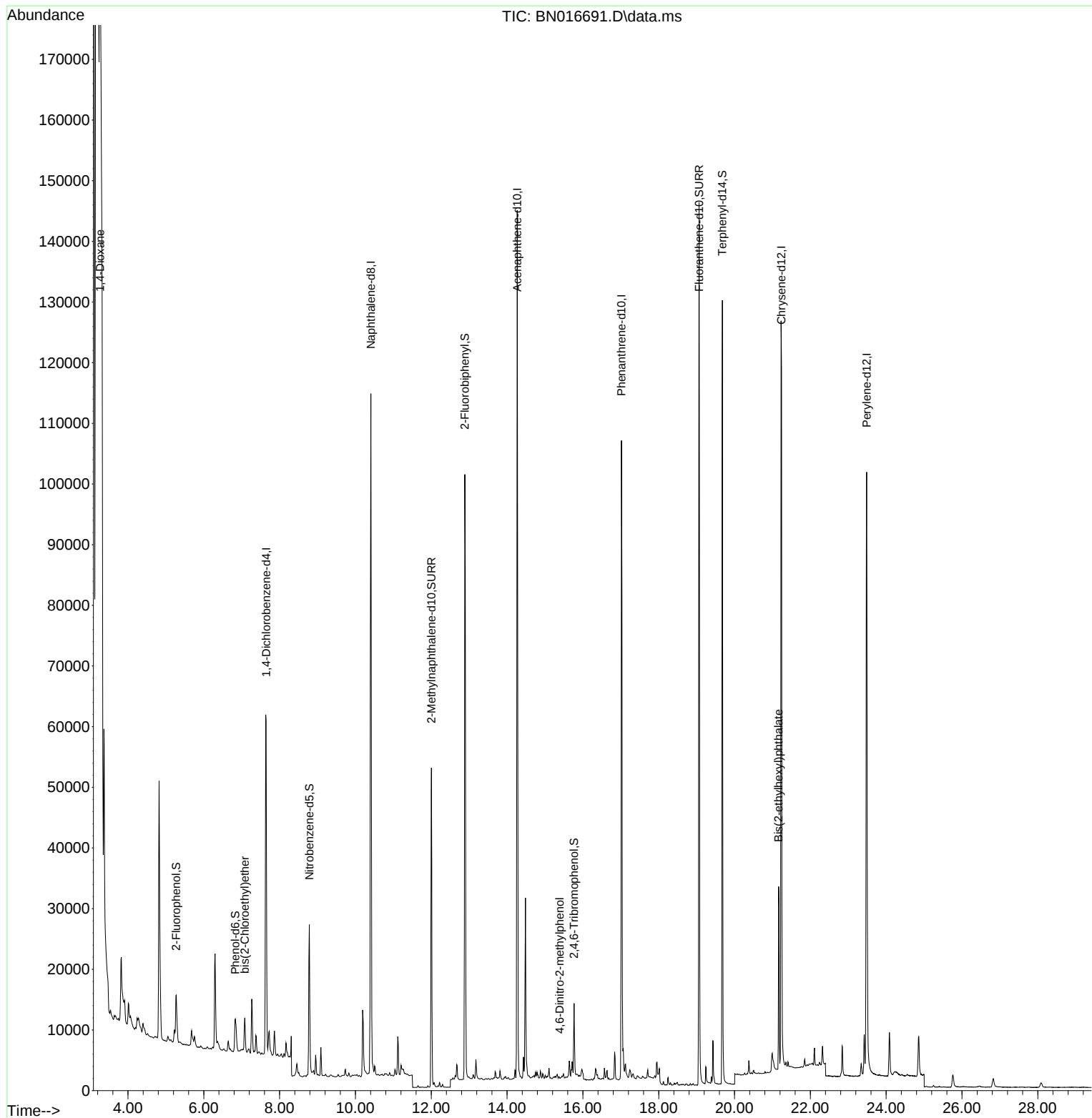
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 34012    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.406 | 136  | 150845   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.268 | 164  | 79189    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.017 | 188  | 149929   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.238 | 240  | 137354   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.484 | 264  | 135214   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.272  | 112  | 10218    | 0.118 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.831  | 99   | 6031     | 0.064 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 23429    | 0.238 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.002 | 152  | 71914    | 0.322 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 10430    | 0.289 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.886 | 172  | 94429    | 0.295 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.068 | 212  | 167277   | 0.420 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 130036   | 0.435 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.262  | 88   | 96337    | 6.154 | ng    | # 85     |
| 6) bis(2-Chloroethyl)ether    | 7.080  | 93   | 4692     | 0.051 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.385 | 198  | 9        | 0.137 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.163 | 149  | 32356    | 0.192 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
Data File : BN016691.D  
Acq On : 03 Oct 2021 04:36  
Operator : CG/JU  
Sample : M3915-01  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Oct 04 03:36:48 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 01 13:35:26 2021  
Response via : Initial Calibration

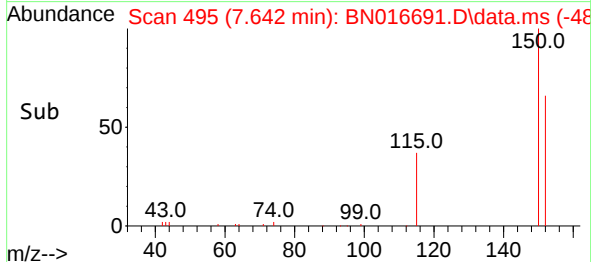
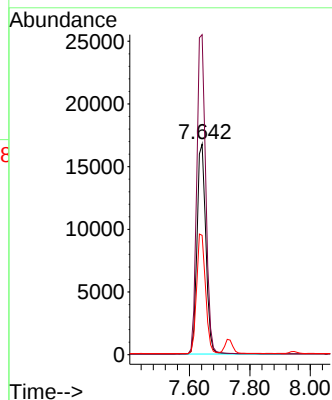
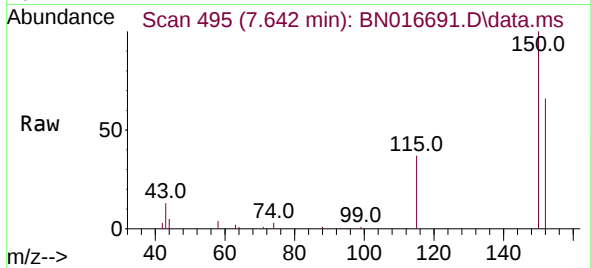




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.642 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

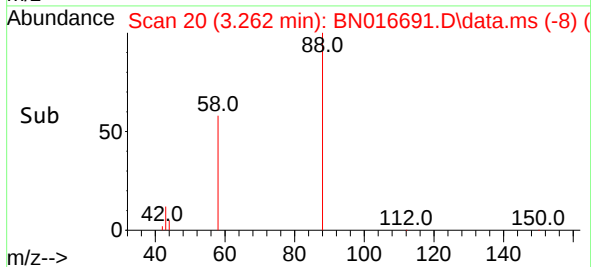
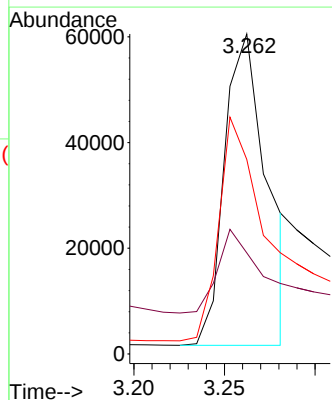
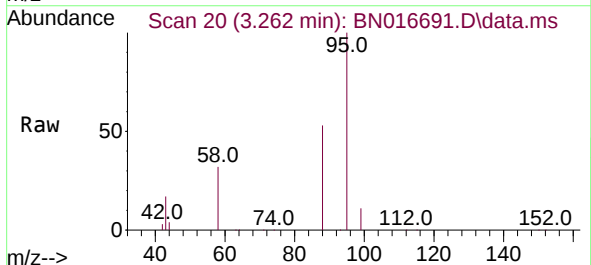
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 34012  
Ion Ratio Lower Upper  
152 100  
150 152.0 124.6 186.8  
115 56.7 46.5 69.7



#2  
1,4-Dioxane  
Concen: 6.154 ng  
RT: 3.262 min Scan# 20  
Delta R.T. 0.009 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Tgt Ion: 88 Resp: 96337  
Ion Ratio Lower Upper  
88 100  
43 26.1 37.8 56.8#  
58 72.4 61.3 91.9

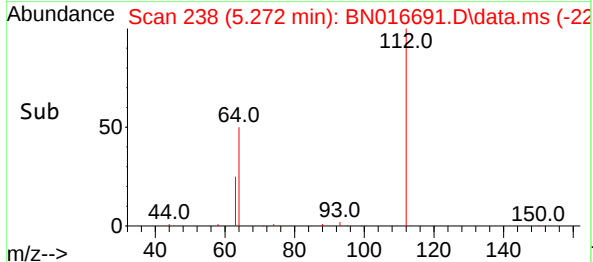
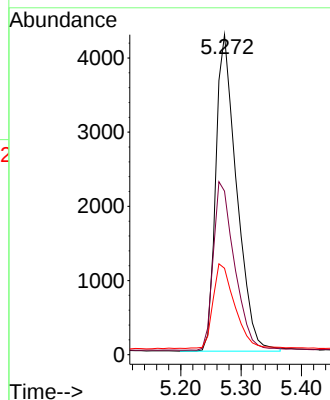
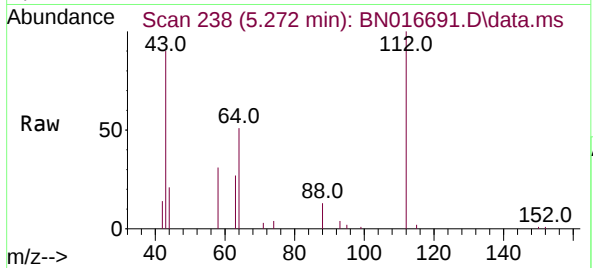




#4  
2-Fluorophenol  
Concen: 0.118 ng  
RT: 5.272 min Scan# 238  
Delta R.T. 0.018 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

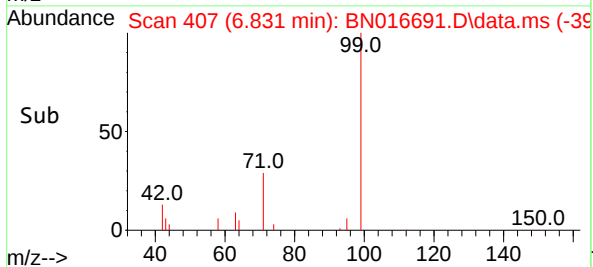
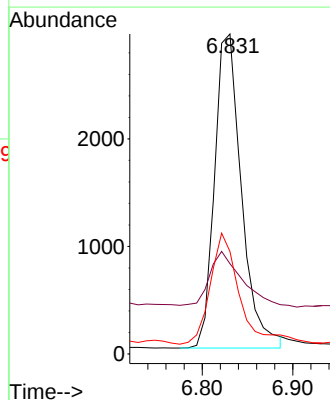
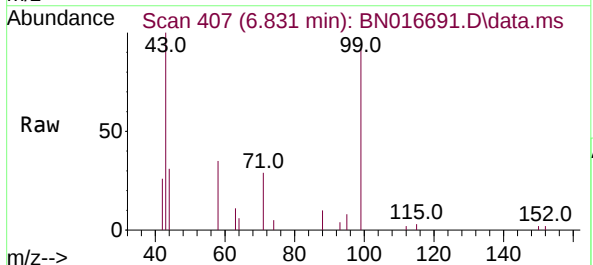
Instrument :  
BNA\_N  
ClientSampleId :

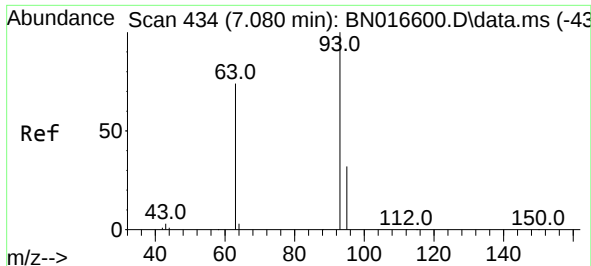
Tgt Ion:112 Resp: 10218  
Ion Ratio Lower Upper  
112 100  
64 54.2 43.1 64.7  
63 27.8 21.6 32.4



#5  
Phenol-d6  
Concen: 0.064 ng  
RT: 6.831 min Scan# 407  
Delta R.T. 0.009 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Tgt Ion: 99 Resp: 6031  
Ion Ratio Lower Upper  
99 100  
42 19.7 13.0 19.6#  
71 36.8 23.5 35.3#

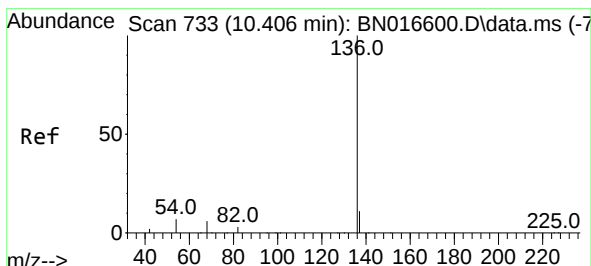
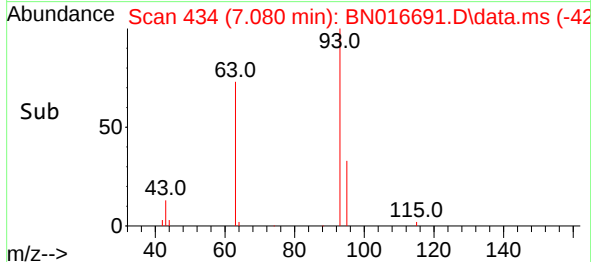
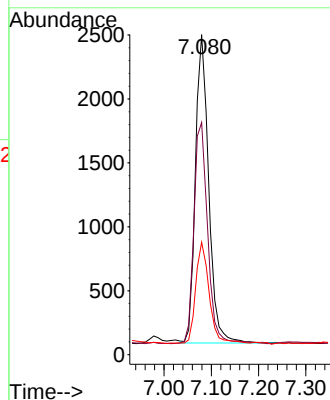
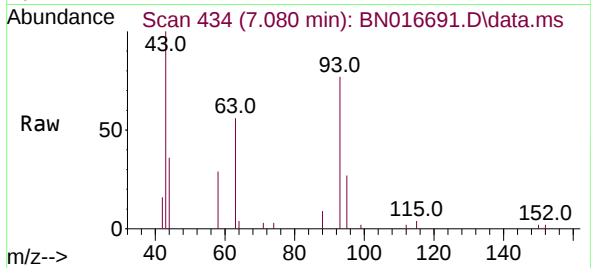




#6  
bis(2-Chloroethyl)ether  
Concen: 0.051 ng  
RT: 7.080 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

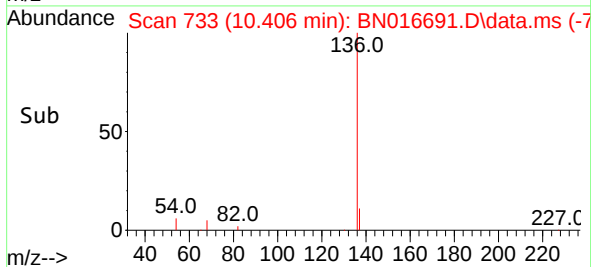
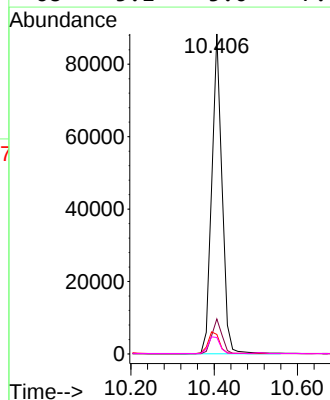
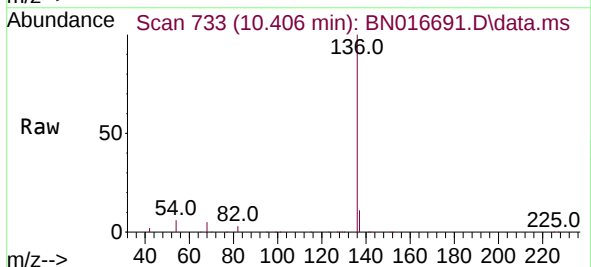
Instrument :  
BNA\_N  
ClientSampled :

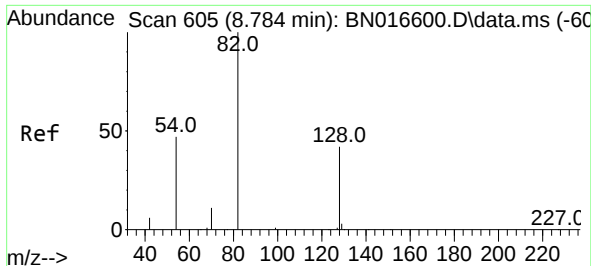
Tgt Ion: 93 Resp: 4692  
Ion Ratio Lower Upper  
93 100  
63 74.4 59.1 88.7  
95 33.3 26.2 39.4



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.406 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Tgt Ion: 136 Resp: 150845  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 6.1 5.9 8.9  
68 5.1 5.0 7.6

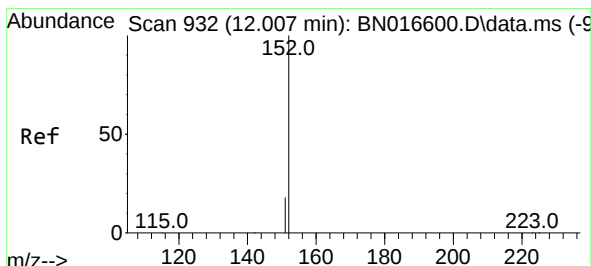
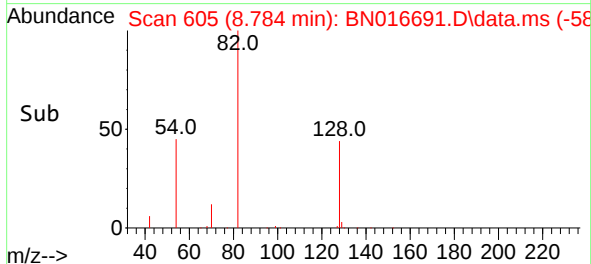
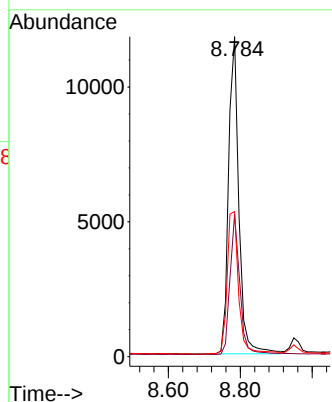
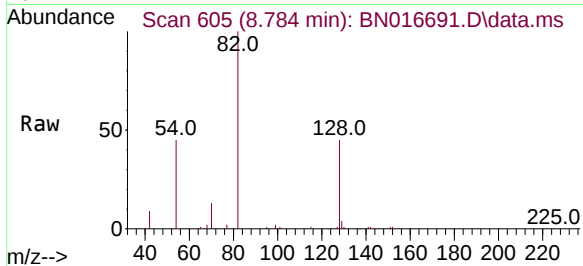




#8  
Nitrobenzene-d5  
Concen: 0.238 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

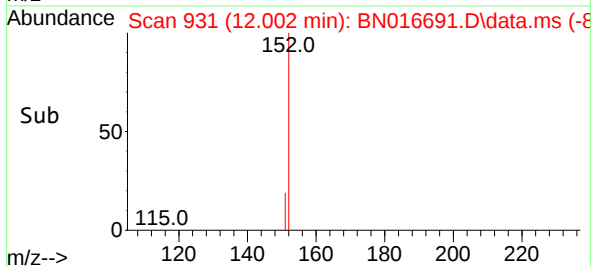
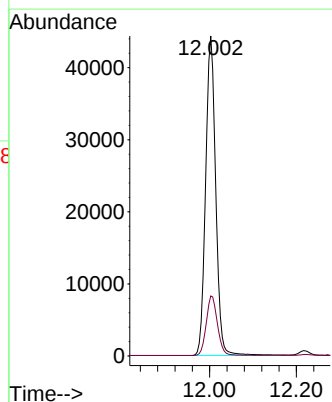
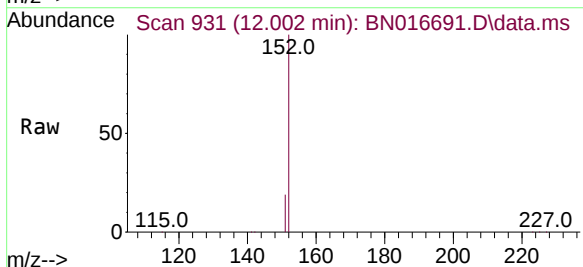
Instrument :  
BNA\_N  
ClientSampleId :

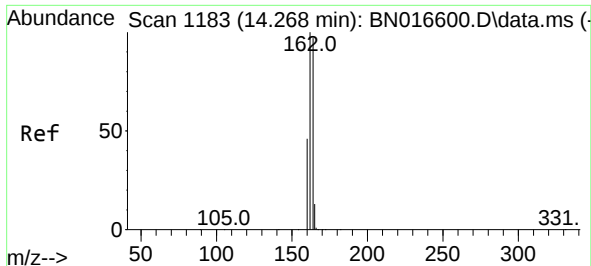
Tgt Ion: 82 Resp: 23429  
Ion Ratio Lower Upper  
82 100  
128 44.5 33.6 50.4  
54 45.3 37.6 56.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.322 ng  
RT: 12.002 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

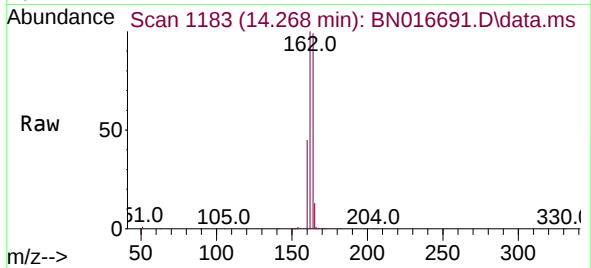
Tgt Ion: 152 Resp: 71914  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.2 24.4



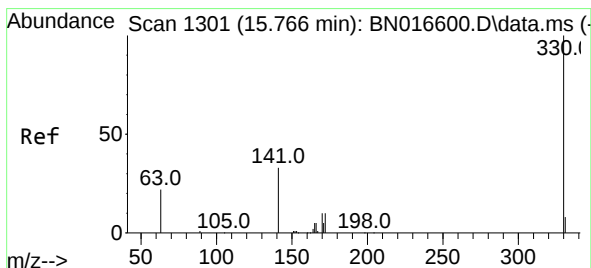
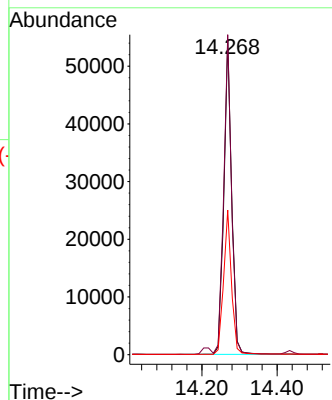
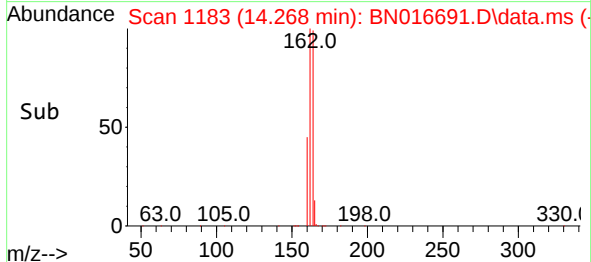


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.268 min Scan# 1183  
Delta R.T. -0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

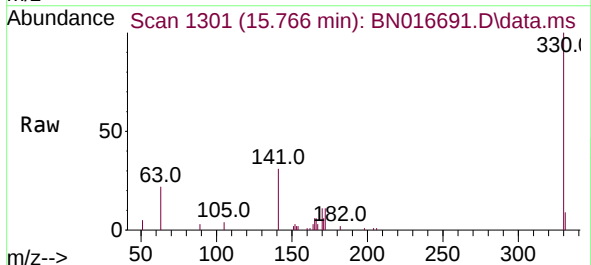
Instrument :  
BNA\_N  
ClientSampled :



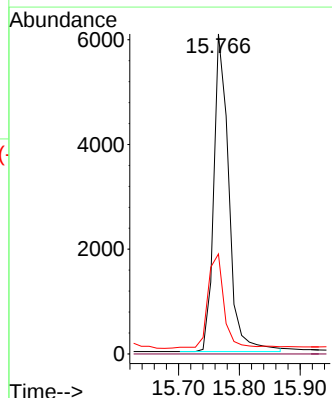
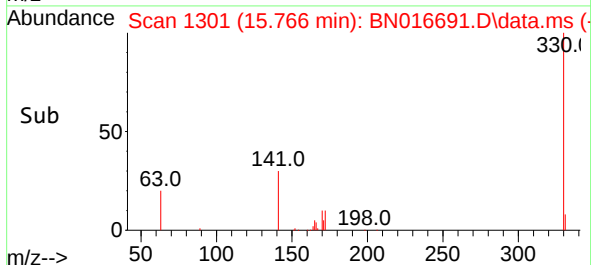
Tgt Ion:164 Resp: 79189  
Ion Ratio Lower Upper  
164 100  
162 101.4 82.2 123.2  
160 45.8 37.7 56.5

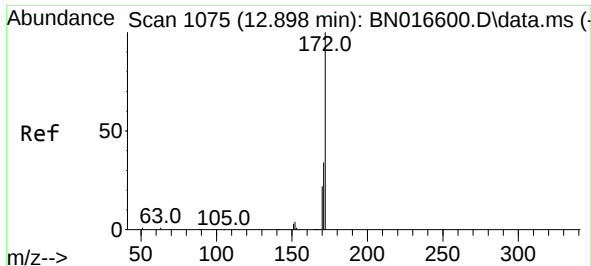


#14  
2,4,6-Tribromophenol  
Concen: 0.289 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36



Tgt Ion:330 Resp: 10430  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.4 25.2 37.8

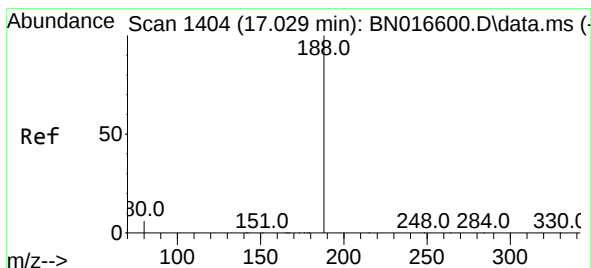
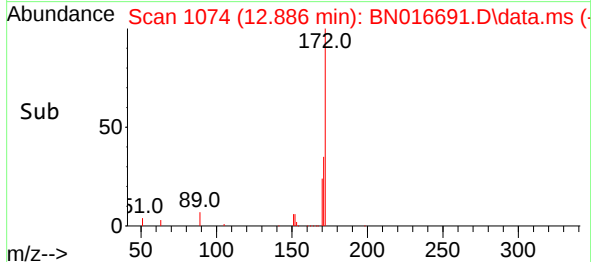
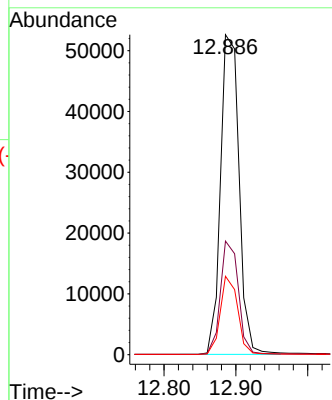
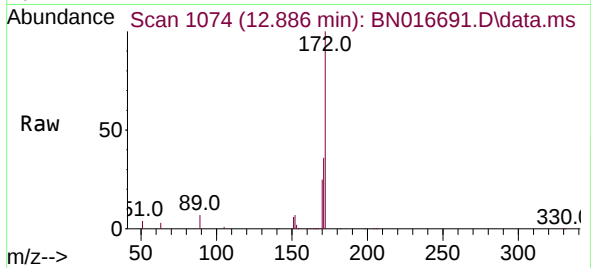




#15  
2-Fluorobiphenyl  
Concen: 0.295 ng  
RT: 12.886 min Scan# 1074  
Delta R.T. -0.013 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

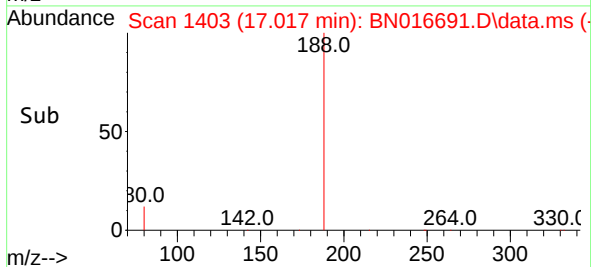
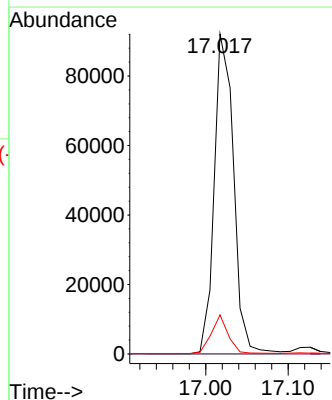
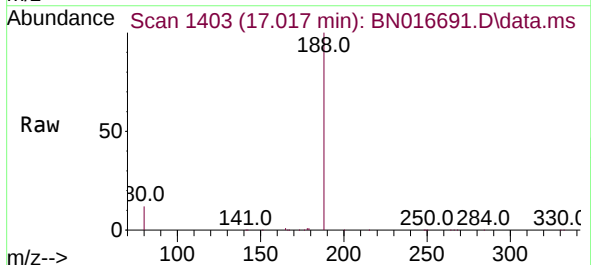
Instrument :  
BNA\_N  
ClientSampleId :

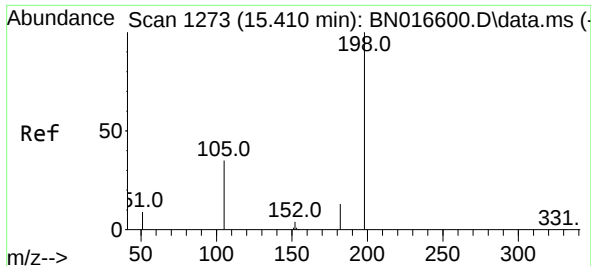
Tgt Ion:172 Resp: 94429  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.0 40.4  
170 24.5 17.4 26.2



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.017 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Tgt Ion:188 Resp: 149929  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.2 5.0 7.6#

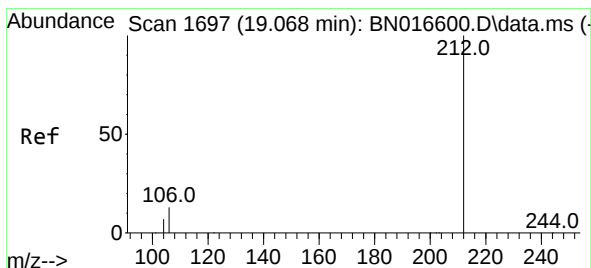
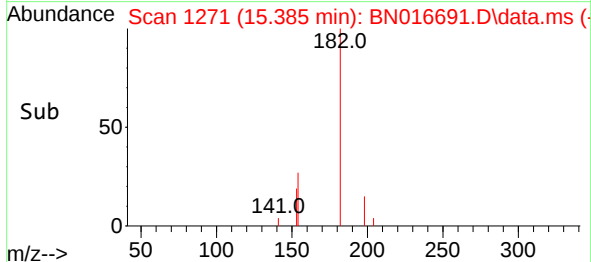
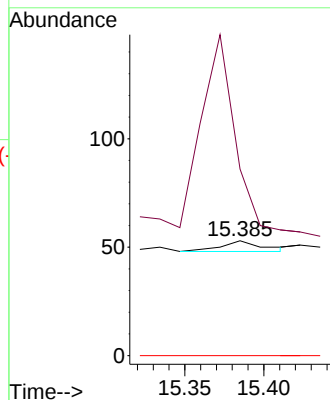
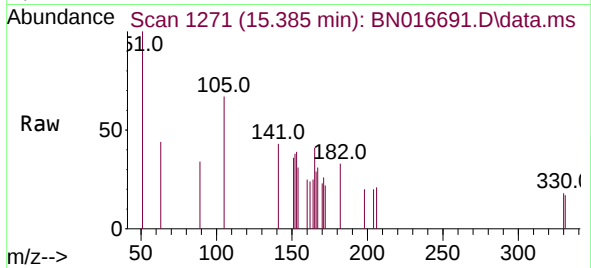




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.137 ng  
RT: 15.385 min Scan# 1271  
Delta R.T. -0.025 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

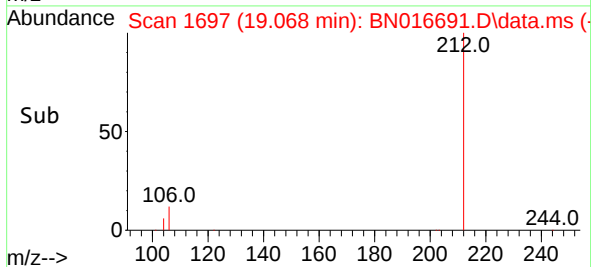
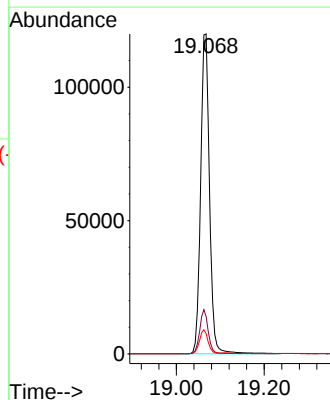
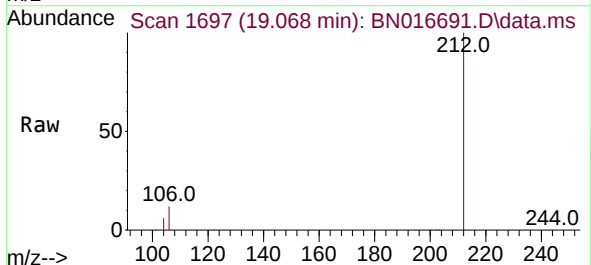
Instrument :  
BNA\_N  
ClientSampleId :

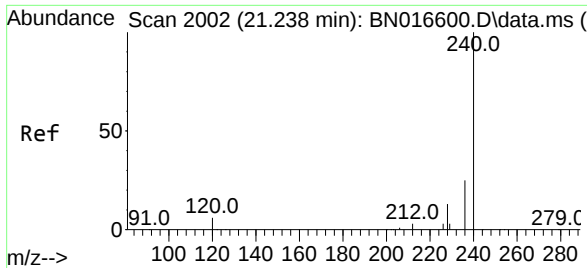
Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
182 162.3 11.8 17.8#  
77 0.0 0.0 0.0



#27  
Fluoranthene-d10  
Concen: 0.420 ng  
RT: 19.068 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Tgt Ion:212 Resp: 167277  
Ion Ratio Lower Upper  
212 100  
106 13.2 10.6 16.0  
104 7.1 5.9 8.9

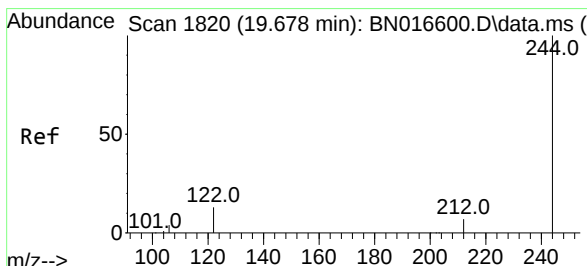
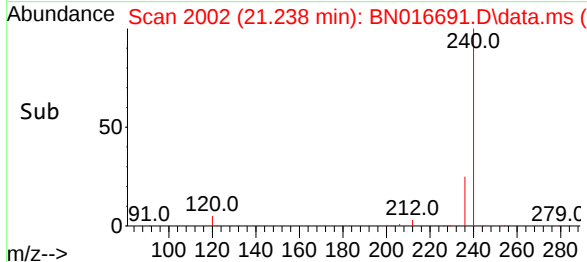
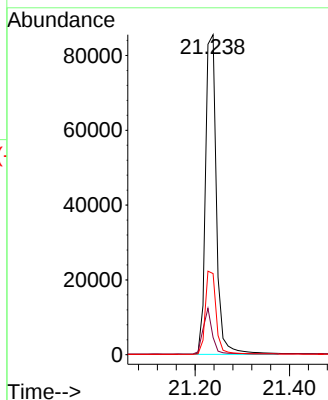
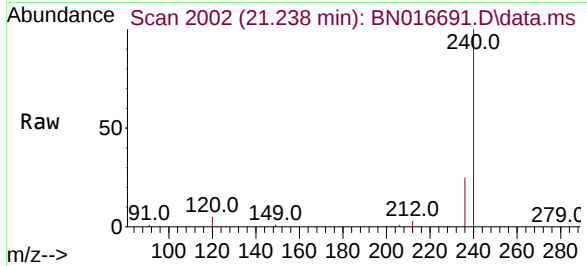




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

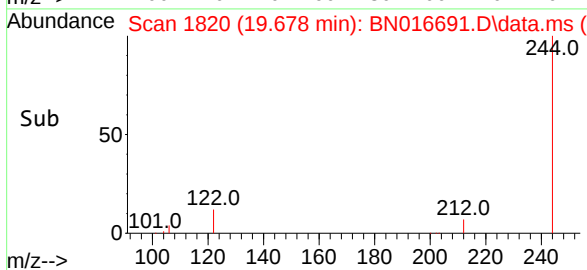
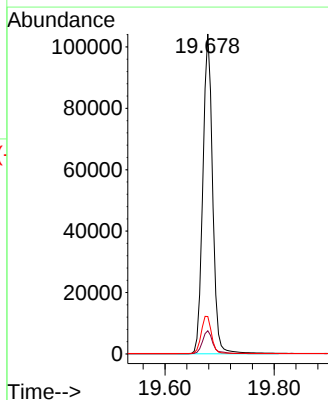
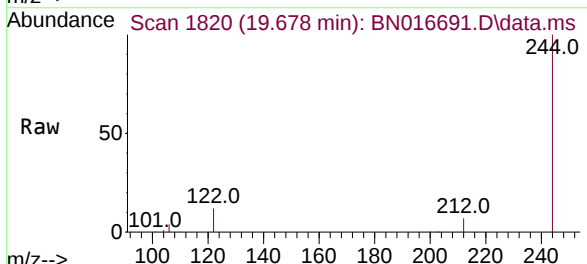
Instrument :  
BNA\_N  
ClientSampleId :

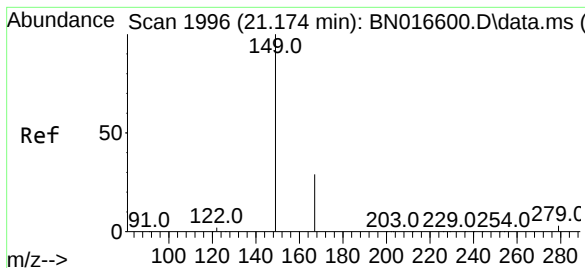
Tgt Ion:240 Resp: 137354  
Ion Ratio Lower Upper  
240 100  
120 5.4 5.0 7.4  
236 25.3 20.4 30.6



#31  
Terphenyl-d14  
Concen: 0.435 ng  
RT: 19.678 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Tgt Ion:244 Resp: 130036  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.0 9.0  
122 11.7 10.1 15.1

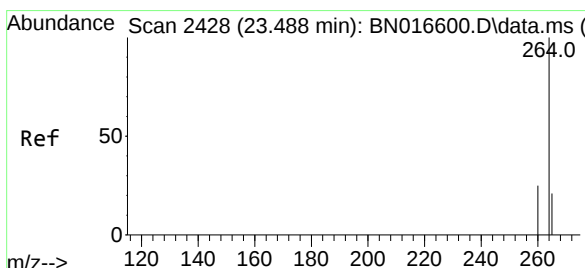
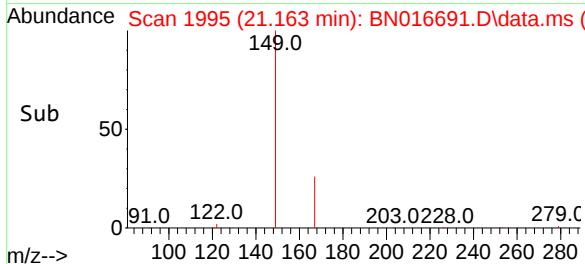
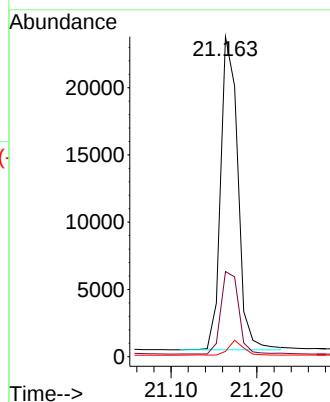
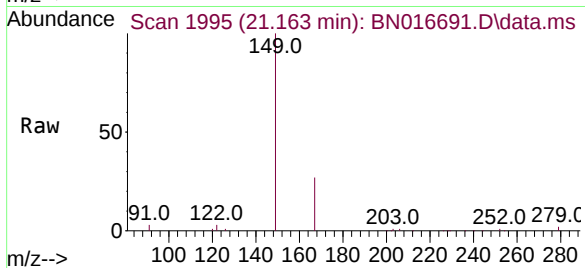




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.192 ng  
RT: 21.163 min Scan# 1995  
Delta R.T. -0.011 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

Instrument :  
BNA\_N  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 32356     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 27.1  | 22.2 33.4 |
| 279         | 4.2   | 3.2 4.8   |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.484 min Scan# 2427  
Delta R.T. -0.003 min  
Lab File: BN016691.D  
Acq: 03 Oct 2021 04:36

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 135214    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.4  | 19.9 29.9 |
| 265         | 22.6  | 19.2 28.8 |

