

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100821\  
 Data File : BN016858.D  
 Acq On : 08 Oct 2021 23:35  
 Operator : CG/JU  
 Sample : M4096-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MWHR2-8-100521

Quant Time: Oct 09 00:31:32 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

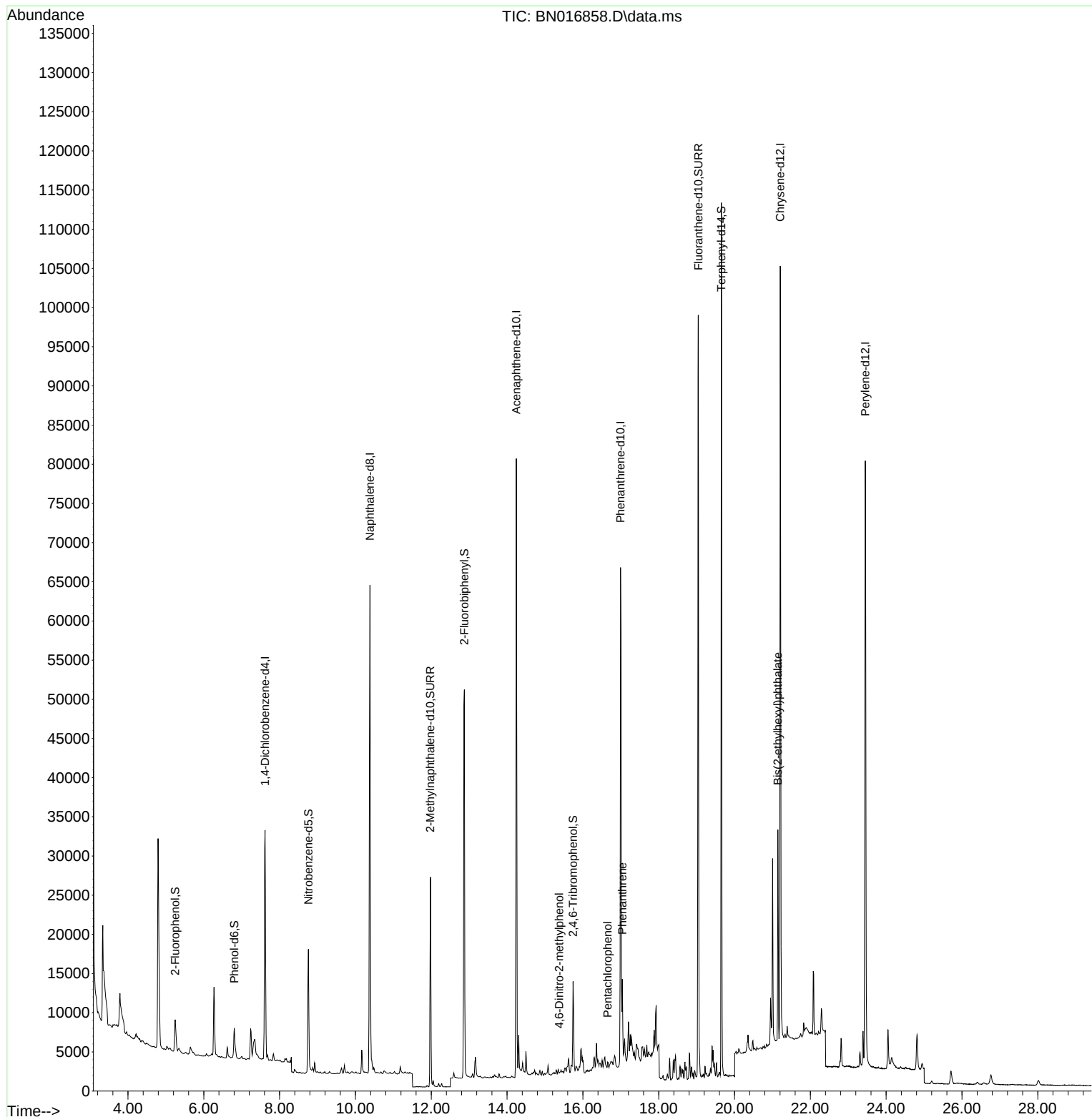
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 18726    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 84937    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.243 | 164  | 45007    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 93358    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.206 | 240  | 95703    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.450 | 264  | 102633   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.245  | 112  | 5696     | 0.122 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.803  | 99   | 3530     | 0.066 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 15045    | 0.253 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 37449    | 0.296 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.740 | 330  | 9232     | 0.396 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 50167    | 0.276 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.043 | 212  | 107353   | 0.414 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.654 | 244  | 107069   | 0.513 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.372 | 198  | 5        | 0.207 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.652 | 266  | 71       | 0.106 | ng    | 89       |
| 25) Phenanthrene              | 17.042 | 178  | 11233    | 0.041 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.142 | 149  | 24138    | 0.160 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100821\  
Data File : BN016858.D  
Acq On : 08 Oct 2021 23:35  
Operator : CG/JU  
Sample : M4096-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

Quant Time: Oct 09 00:31:32 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

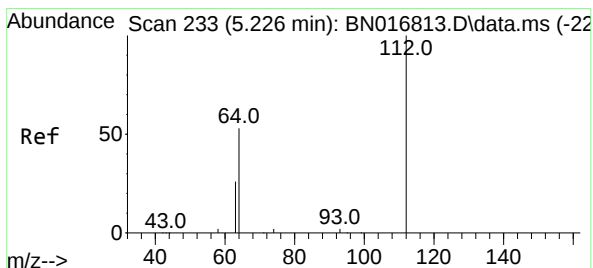
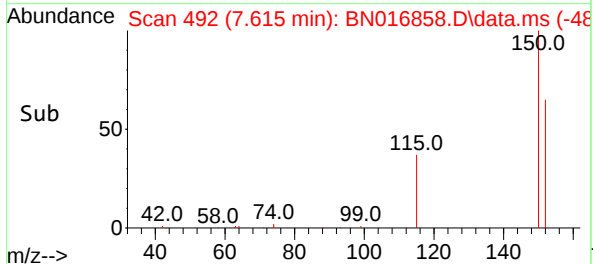
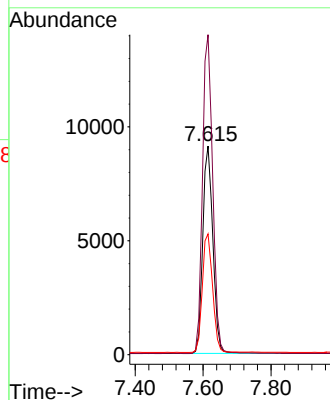
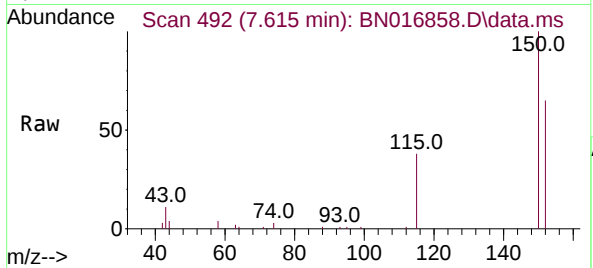




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.615 min Scan# 492  
 Delta R.T. 0.001 min  
 Lab File: BN016858.D  
 Acq: 08 Oct 2021 23:35

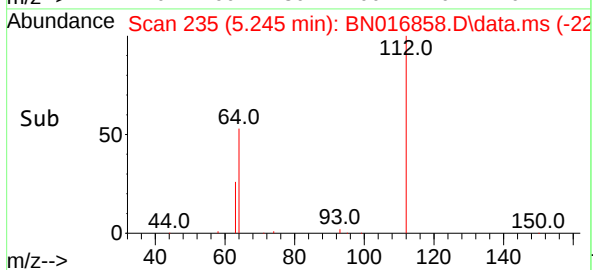
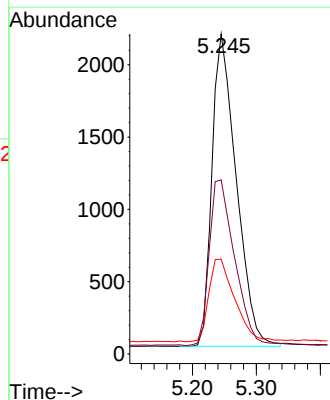
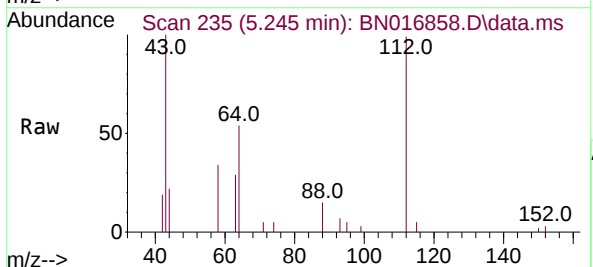
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MWHR2-8-100521

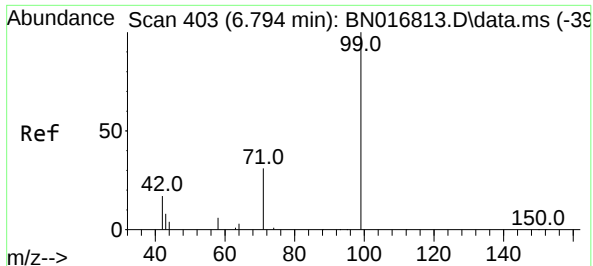
Tgt Ion:152 Resp: 18726  
 Ion Ratio Lower Upper  
 152 100  
 150 153.4 123.3 184.9  
 115 57.9 47.0 70.6



#4  
 2-Fluorophenol  
 Concen: 0.122 ng  
 RT: 5.245 min Scan# 235  
 Delta R.T. 0.010 min  
 Lab File: BN016858.D  
 Acq: 08 Oct 2021 23:35

Tgt Ion:112 Resp: 5696  
 Ion Ratio Lower Upper  
 112 100  
 64 55.7 42.9 64.3  
 63 28.5 21.5 32.3

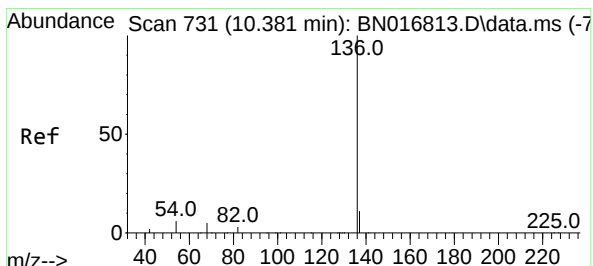
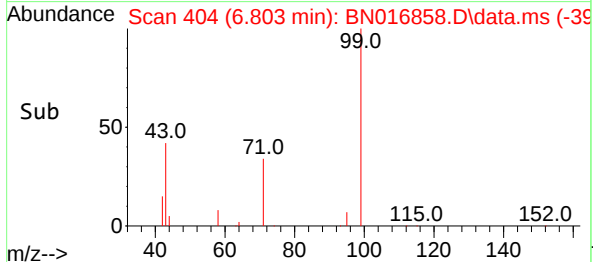
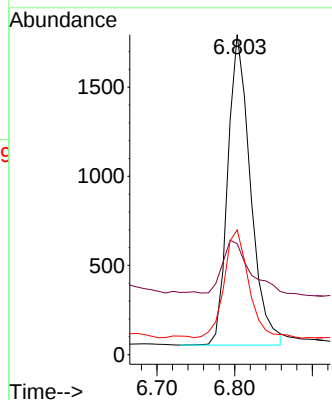
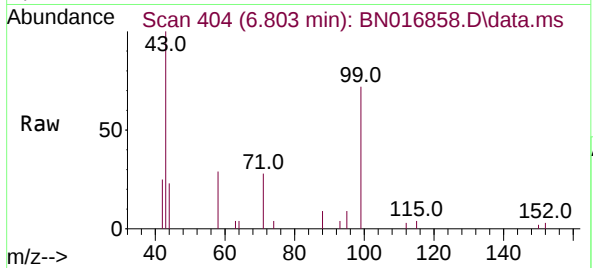




#5  
Phenol-d6  
Concen: 0.066 ng  
RT: 6.803 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

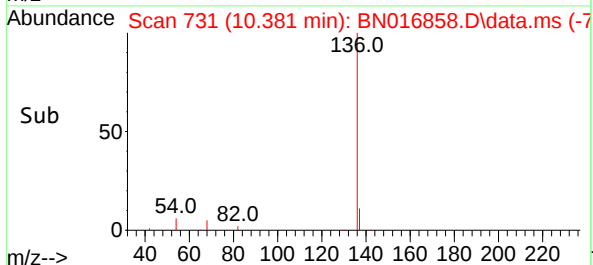
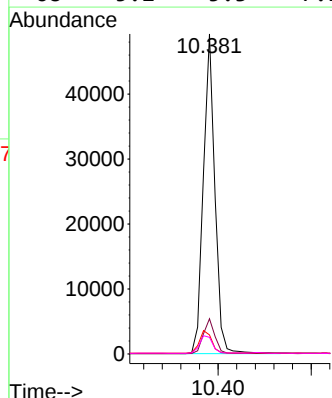
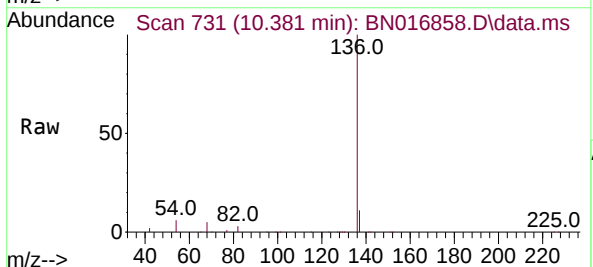
Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

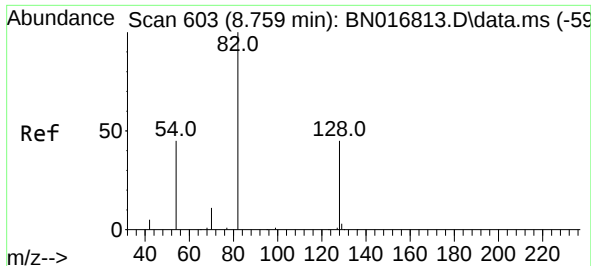
Tgt Ion: 99 Resp: 3530  
Ion Ratio Lower Upper  
99 100  
42 19.9 13.4 20.2  
71 37.3 24.0 36.0#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

Tgt Ion: 136 Resp: 84937  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 5.9 6.5 9.7#  
68 5.2 5.3 7.9#

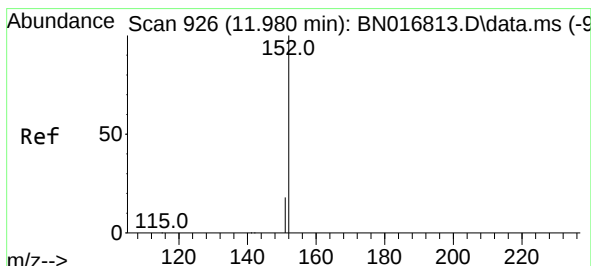
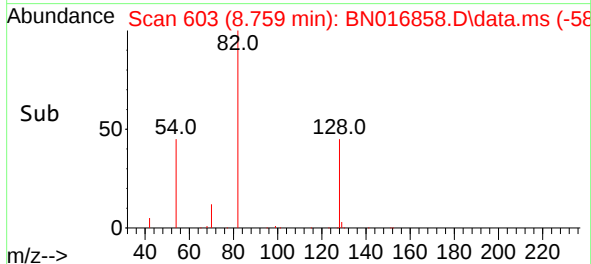
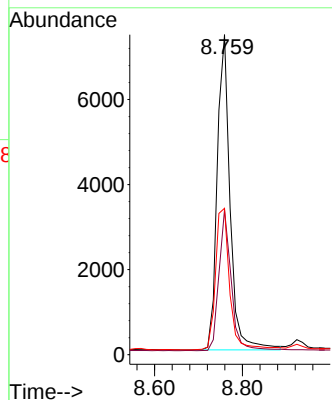
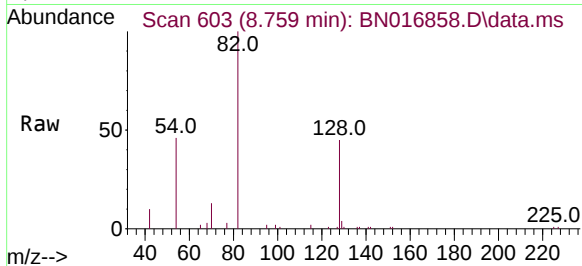




#8  
Nitrobenzene-d5  
Concen: 0.253 ng  
RT: 8.759 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

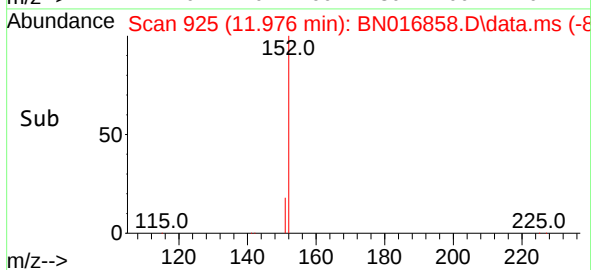
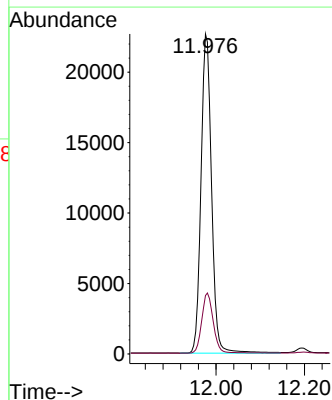
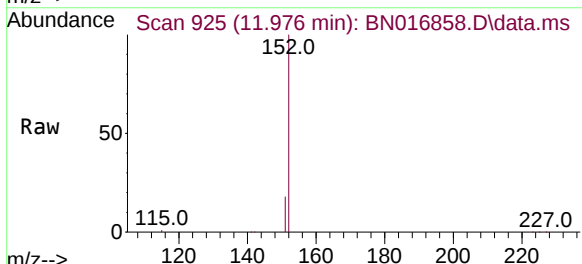
Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

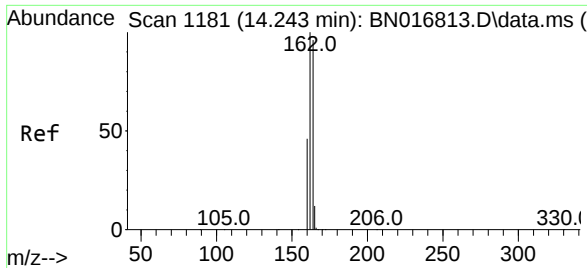
Tgt Ion: 82 Resp: 15045  
Ion Ratio Lower Upper  
82 100  
128 45.3 33.8 50.6  
54 45.7 38.5 57.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.296 ng  
RT: 11.976 min Scan# 925  
Delta R.T. -0.004 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

Tgt Ion: 152 Resp: 37449  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4

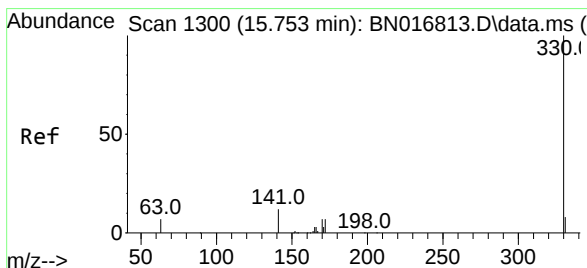
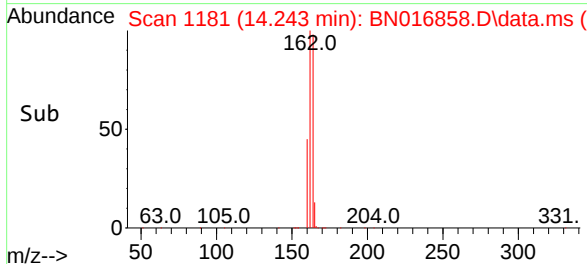
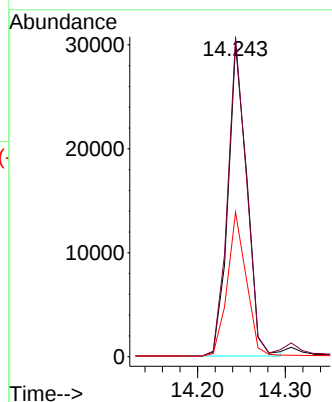
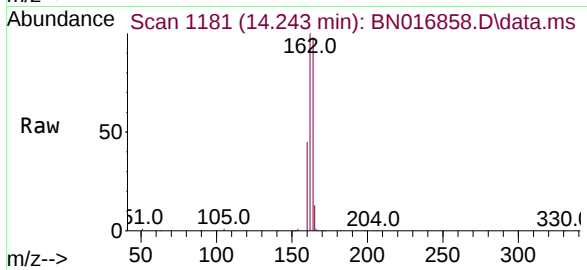




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

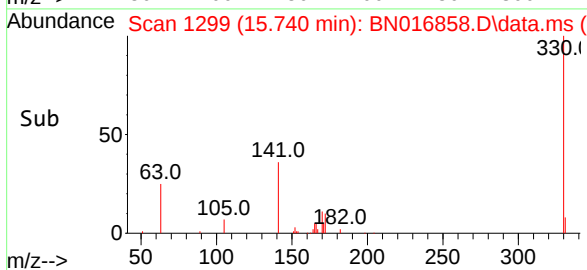
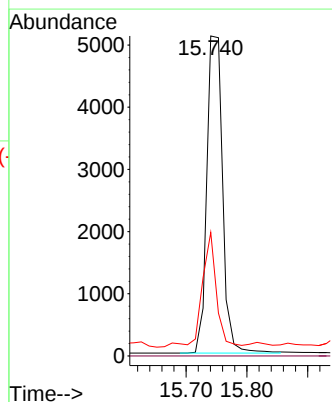
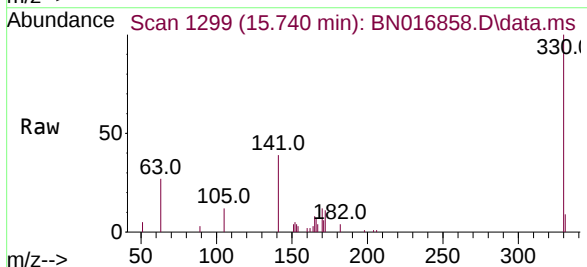
Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

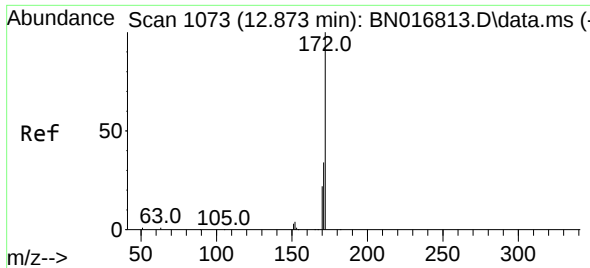
Tgt Ion:164 Resp: 45007  
Ion Ratio Lower Upper  
164 100  
162 102.4 82.6 124.0  
160 46.3 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.396 ng  
RT: 15.740 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

Tgt Ion:330 Resp: 9232  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.0 24.2 36.2

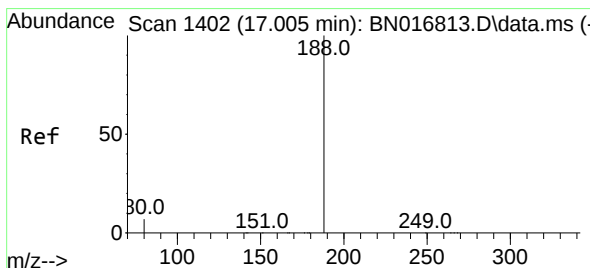
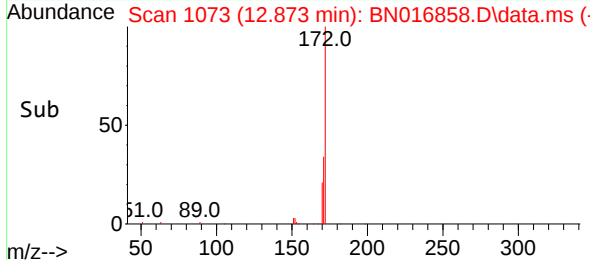
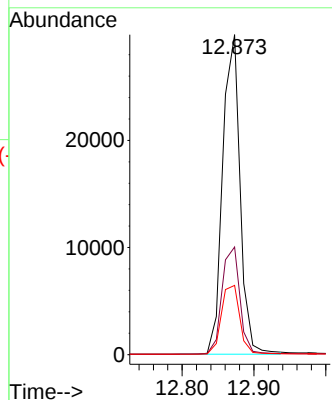
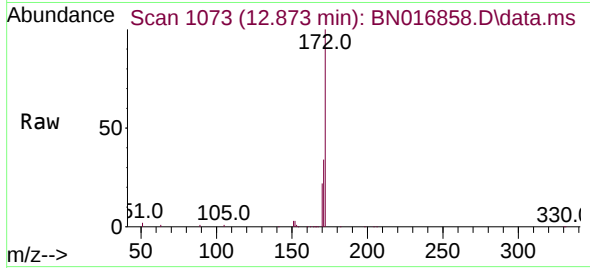




#15  
2-Fluorobiphenyl  
Concen: 0.276 ng  
RT: 12.873 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

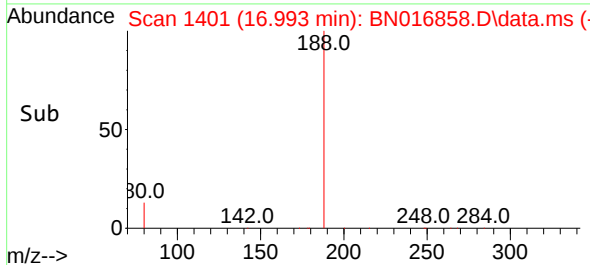
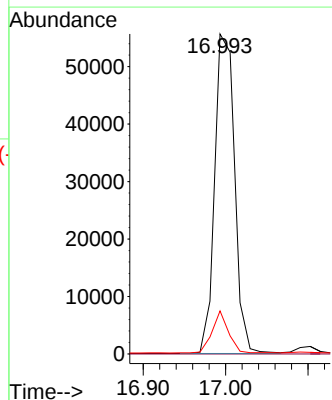
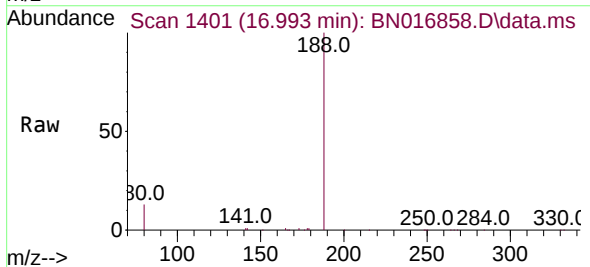
Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

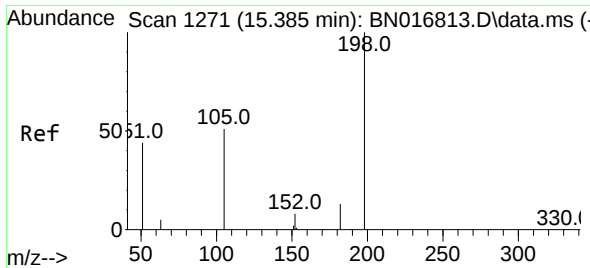
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 50167 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 33.6  | 26.9  | 40.3  |
| 170       | 21.6  | 17.4  | 26.0  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.012 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 93358 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 13.5  | 5.8   | 8.8   |

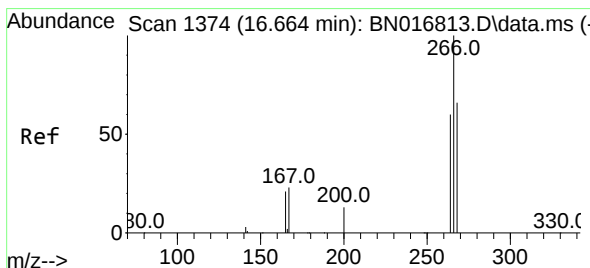
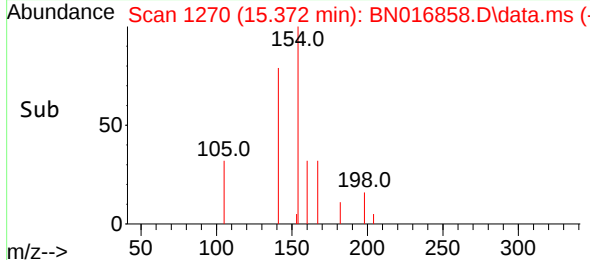
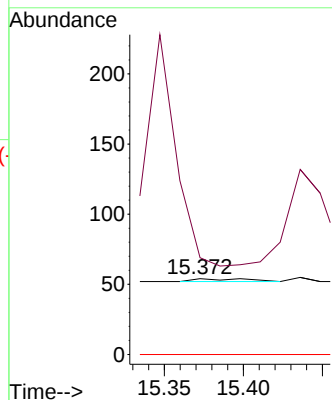
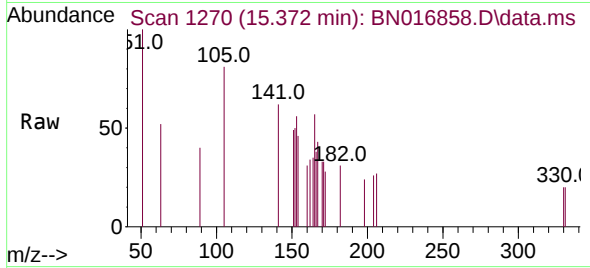




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.207 ng  
RT: 15.372 min Scan# 1270  
Delta R.T. -0.012 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

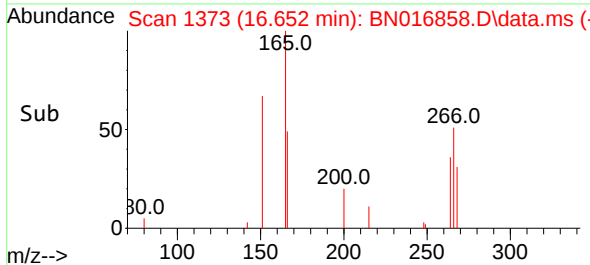
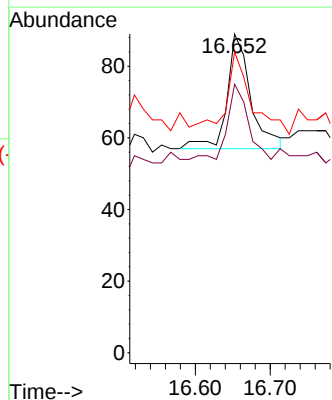
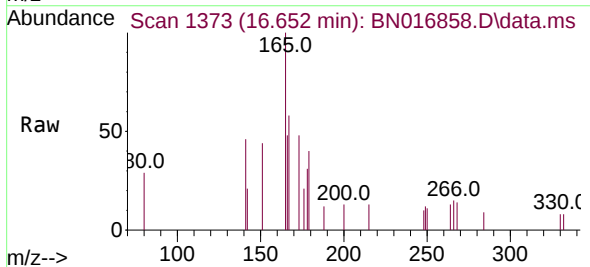
Instrument :  
BNA\_N  
ClientSampleId :  
MWHHR2-8-100521

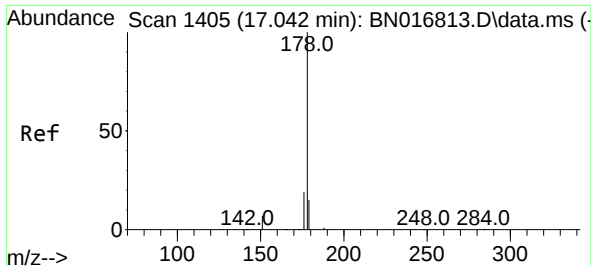
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:198 | Resp: | 5          |
| Ion Ratio   | Lower | Upper      |
| 198         | 100   |            |
| 182         | 127.8 | 26.2 39.2# |
| 77          | 0.0   | 0.0 0.0    |



#24  
Pentachlorophenol  
Concen: 0.106 ng  
RT: 16.652 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:266 | Resp: | 71        |
| Ion Ratio   | Lower | Upper     |
| 266         | 100   |           |
| 264         | 54.9  | 49.3 73.9 |
| 268         | 74.6  | 51.8 77.8 |

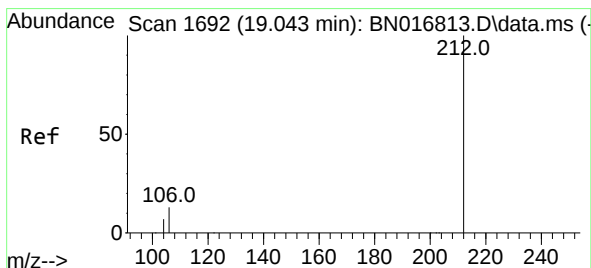
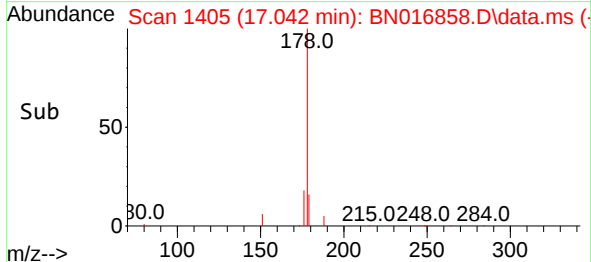
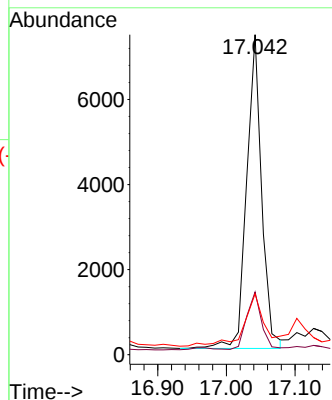
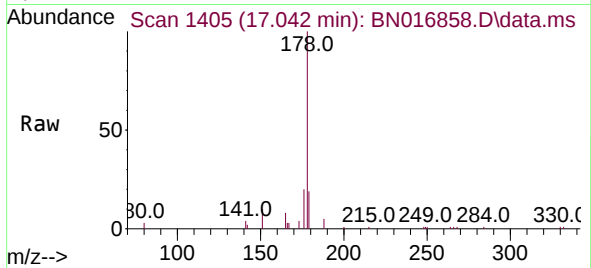




#25  
Phenanthrene  
Concen: 0.041 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

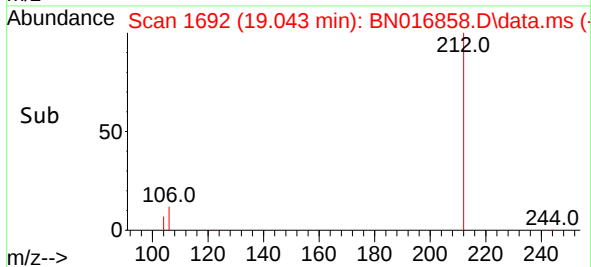
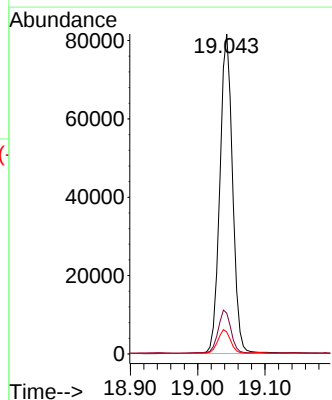
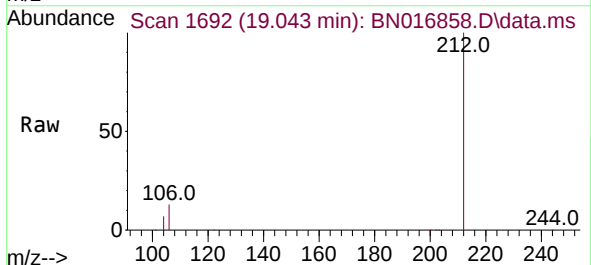
Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

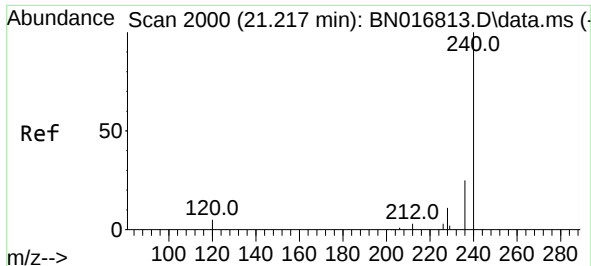
Tgt Ion:178 Resp: 11233  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.6  
179 22.8 12.4 18.6#



#27  
Fluoranthene-d10  
Concen: 0.414 ng  
RT: 19.043 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

Tgt Ion:212 Resp: 107353  
Ion Ratio Lower Upper  
212 100  
106 13.7 10.6 16.0  
104 7.4 5.8 8.8

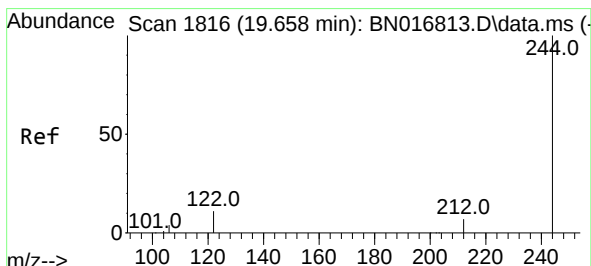
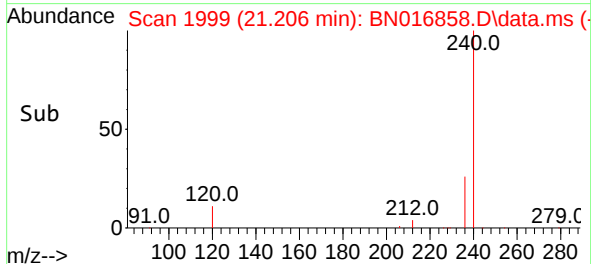
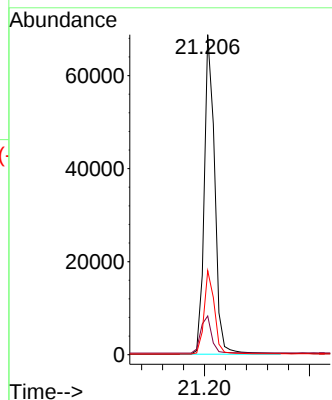
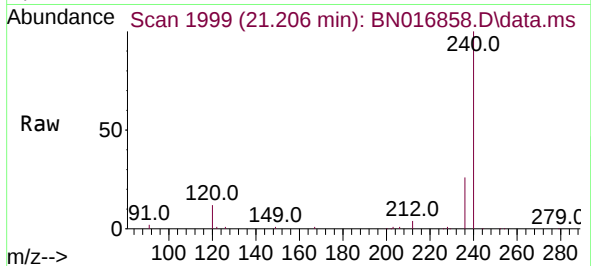




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

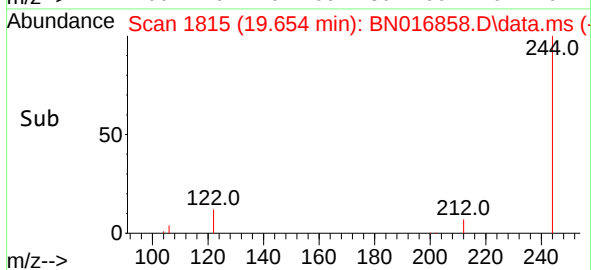
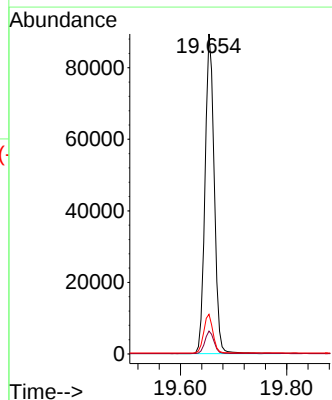
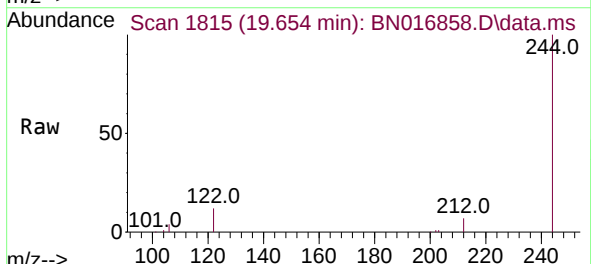
Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

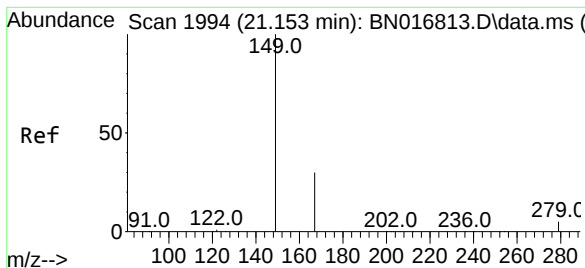
Tgt Ion:240 Resp: 95703  
Ion Ratio Lower Upper  
240 100  
120 12.1 6.6 10.0#  
236 26.3 20.7 31.1



#31  
Terphenyl-d14  
Concen: 0.513 ng  
RT: 19.654 min Scan# 1815  
Delta R.T. -0.005 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

Tgt Ion:244 Resp: 107069  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 12.4 8.9 13.3

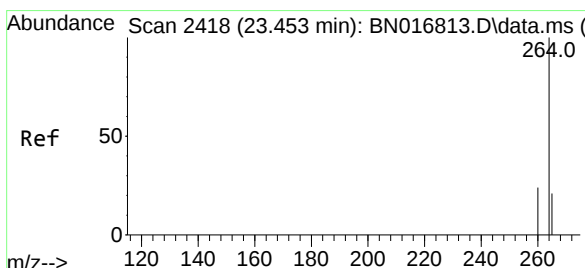
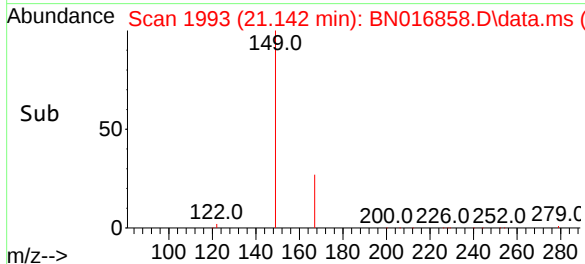
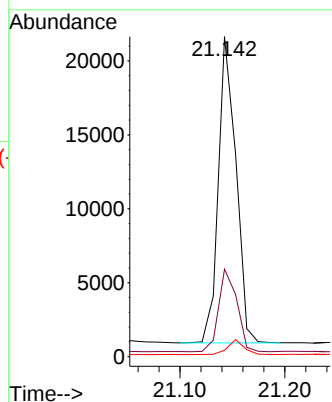
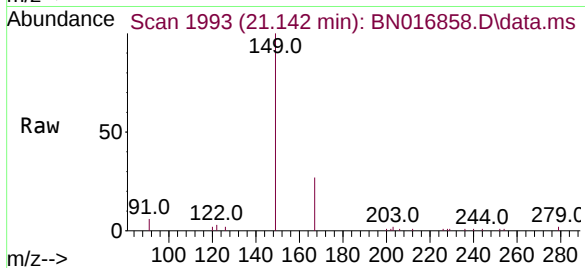




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.160 ng  
RT: 21.142 min Scan# 1993  
Delta R.T. -0.010 min  
Lab File: BN016858.D  
Acq: 08 Oct 2021 23:35

Instrument :  
BNA\_N  
ClientSampleId :  
MWHR2-8-100521

Tgt Ion:149 Resp: 24138  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.2 33.4  
279 4.5 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: BN016858.D  
Acq: 08 Oct 2021 23:35

Tgt Ion:264 Resp: 102633  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.8 29.6  
265 23.2 20.3 30.5

