

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122220\  
 Data File : BN013255.D  
 Acq On : 22 Dec 2020 02:30  
 Operator : CG/JU  
 Sample : L5123-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW201D-20201213

Quant Time: Dec 22 03:26:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 18 16:11:20 2020  
 Response via : Initial Calibration

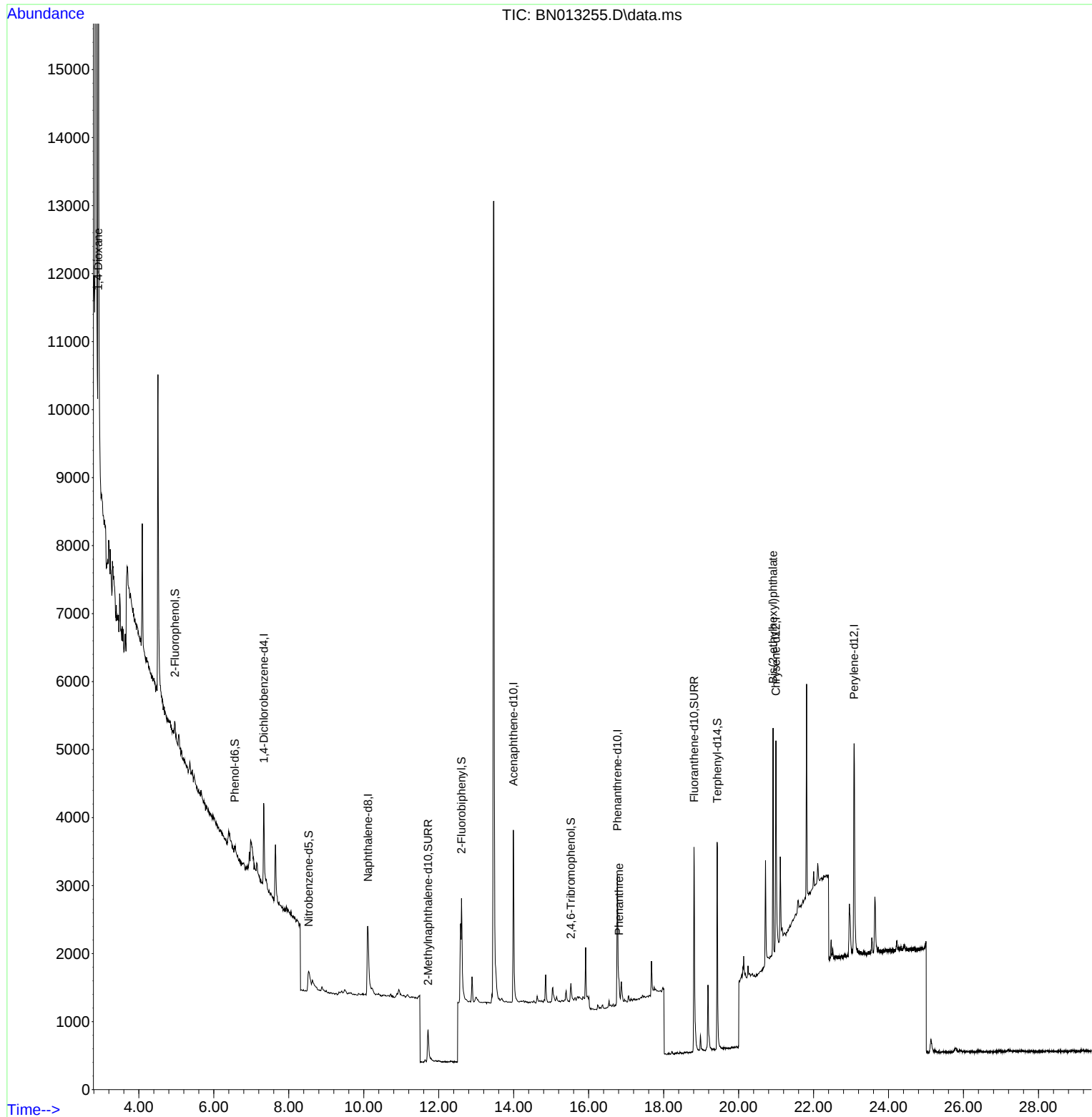
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|------|-------|-----------|
| -----                         |        |      |          |      |       |           |
| Internal Standards            |        |      |          |      |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.338  | 152  | 770      | 0.40 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.112 | 136  | 2514     | 0.40 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 13.991 | 164  | 1612     | 0.40 | ng    | -0.01     |
| 19) Phenanthrene-d10          | 16.763 | 188  | 3430     | 0.40 | ng    | #-0.01    |
| 29) Chrysene-d12              | 20.995 | 240  | 3710     | 0.40 | ng    | #-0.01    |
| 36) Perylene-d12              | 23.082 | 264  | 4337     | 0.40 | ng    | -0.01     |
| System Monitoring Compounds   |        |      |          |      |       |           |
| 4) 2-Fluorophenol             | 4.962  | 112  | 285      | 0.09 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.556  | 99   | 141      | 0.04 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.527  | 82   | 696      | 0.27 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 11.715 | 152  | 1086     | 0.24 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.526 | 330  | 251      | 0.25 | ng    | -0.01     |
| 15) 2-Fluorobiphenyl          | 12.608 | 172  | 1783     | 0.26 | ng    | -0.03     |
| 27) Fluoranthene-d10          | 18.811 | 212  | 4298     | 0.38 | ng    | -0.01     |
| 31) Terphenyl-d14             | 19.431 | 244  | 3723     | 0.40 | ng    | -0.02     |
| Target Compounds              |        |      |          |      |       |           |
| 2) 1,4-Dioxane                | 2.916  | 88   | 8472     | 6.31 | ng    | Qvalue 97 |
| 25) Phenanthrene              | 16.812 | 178  | 321      | 0.03 | ng    | # 96      |
| 34) Bis(2-ethylhexyl)phtha... | 20.920 | 149  | 2850     | 0.16 | ng    | 97        |
| -----                         |        |      |          |      |       |           |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122220\  
Data File : BN013255.D  
Acq On : 22 Dec 2020 02:30  
Operator : CG/JU  
Sample : L5123-12  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

Quant Time: Dec 22 03:26:09 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 18 16:11:20 2020  
Response via : Initial Calibration

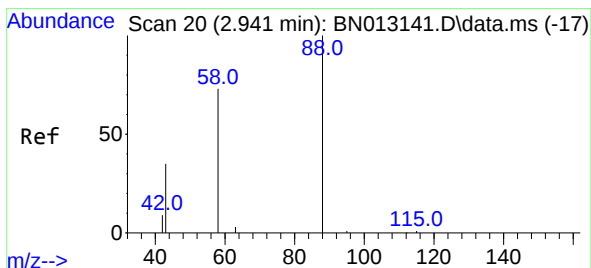
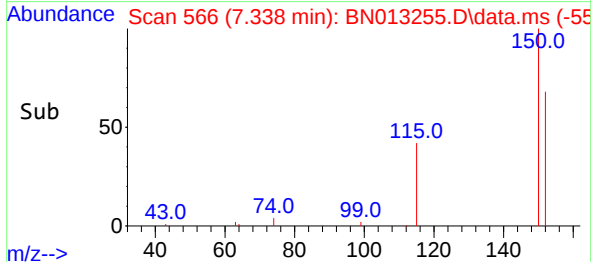
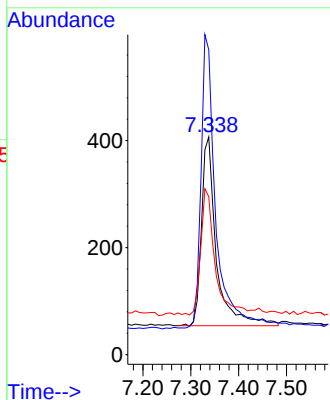
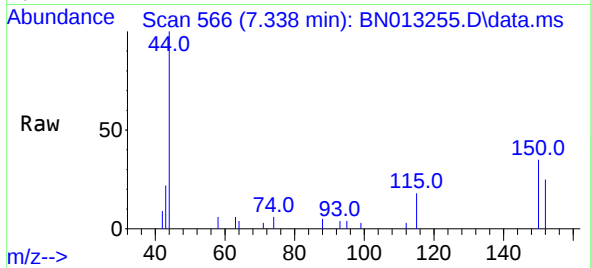




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.338 min Scan# 566  
Delta R.T. -0.008 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

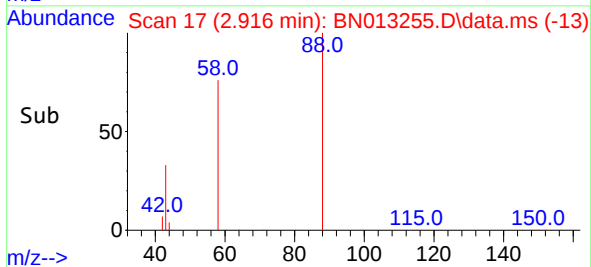
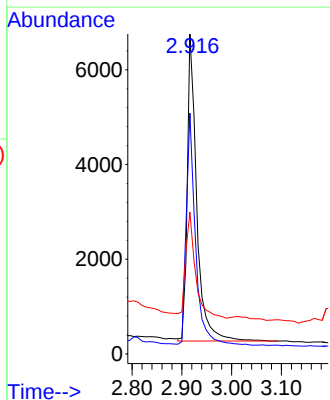
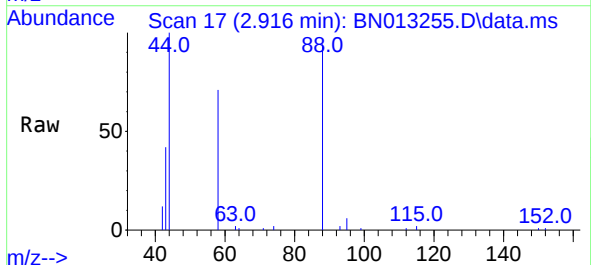
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

Tgt Ion:152 Resp: 770  
Ion Ratio Lower Upper  
152 100  
150 140.0 116.6 174.8  
115 72.5 52.9 79.3



#2  
1,4-Dioxane  
Concen: 6.31 ng  
RT: 2.916 min Scan# 17  
Delta R.T. -0.016 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

Tgt Ion: 88 Resp: 8472  
Ion Ratio Lower Upper  
88 100  
58 74.3 59.4 89.2  
43 35.6 32.3 48.5

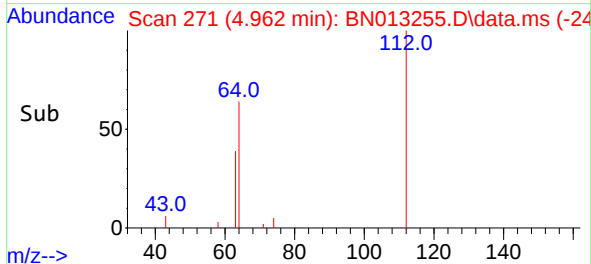
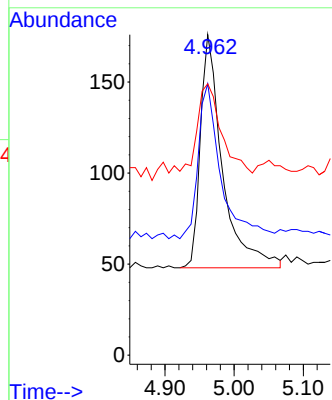
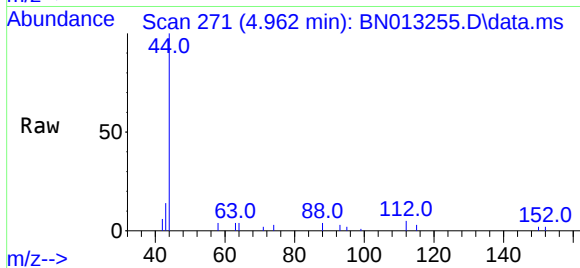




#4  
2-Fluorophenol  
Concen: 0.09 ng  
RT: 4.962 min Scan# 271  
Delta R.T. -0.000 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

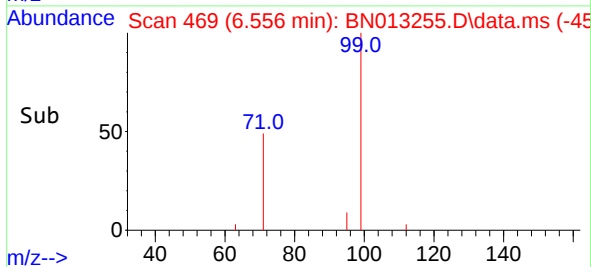
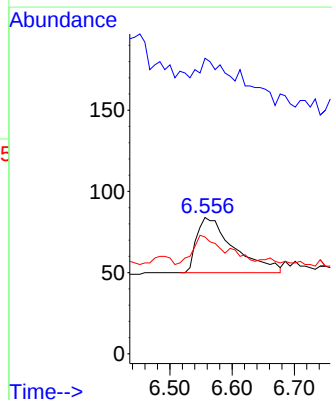
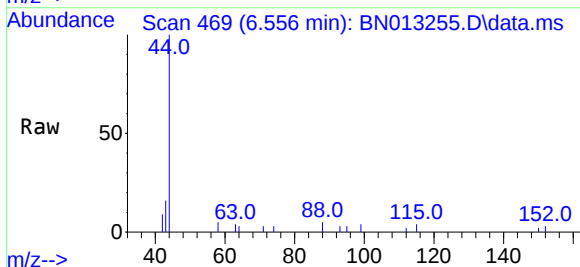
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

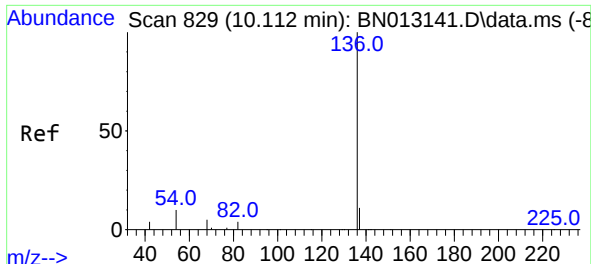
Tgt Ion:112 Resp: 285  
Ion Ratio Lower Upper  
112 100  
64 68.4 49.5 74.3  
63 46.0 32.0 48.0



#5  
Phenol-d6  
Concen: 0.04 ng  
RT: 6.556 min Scan# 469  
Delta R.T. 0.008 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

Tgt Ion: 99 Resp: 141  
Ion Ratio Lower Upper  
99 100  
42 83.0 22.4 33.6#  
71 34.0 37.8 56.6#

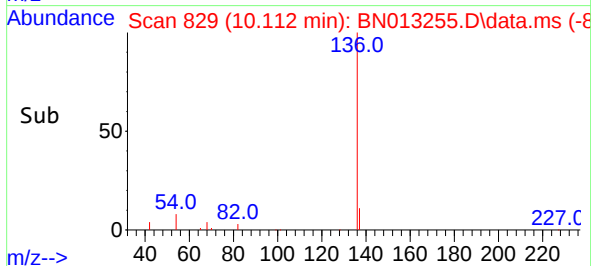
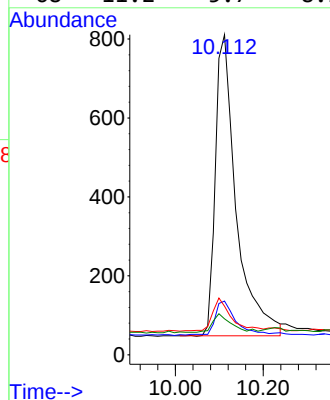
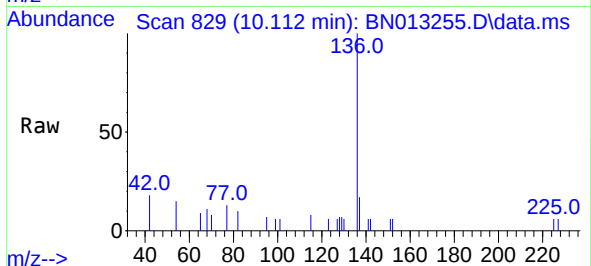




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.112 min Scan# 829  
Delta R.T. -0.000 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

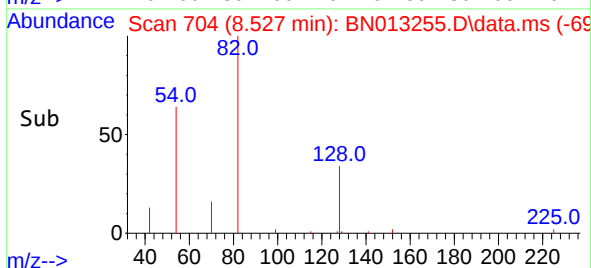
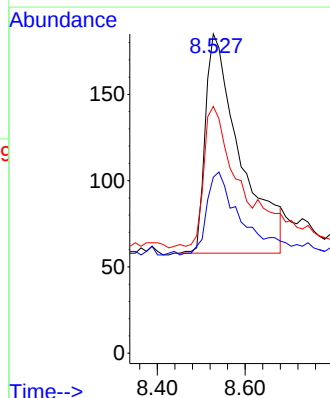
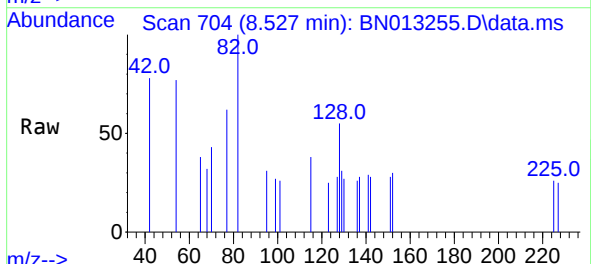
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2514  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 16.8  | 10.6  | 15.8# |
| 54       | 15.2  | 8.6   | 12.8# |
| 68       | 11.2  | 5.7   | 8.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.27 ng  
RT: 8.527 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 696   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 55.1  | 30.6  | 46.0# |
| 54       | 77.3  | 48.3  | 72.5# |

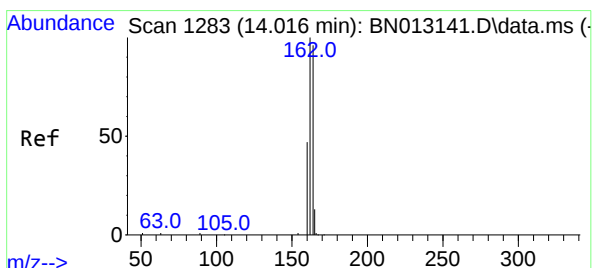
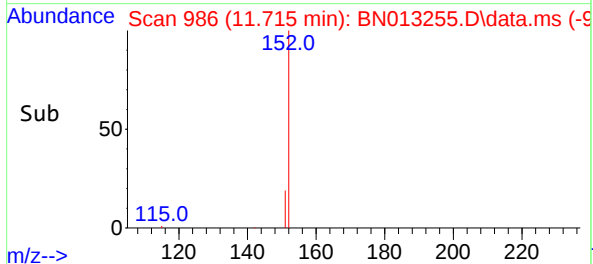
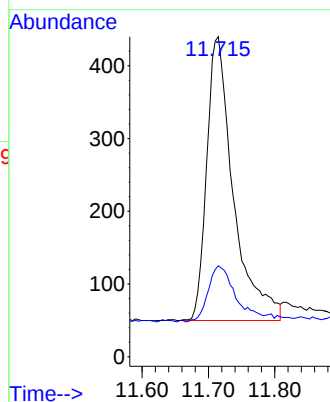
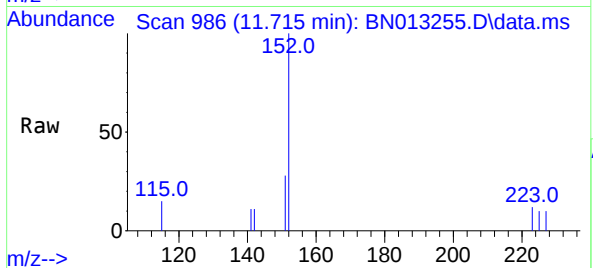




#11  
2-Methylnaphthalene-d10  
Concen: 0.24 ng  
RT: 11.715 min Scan# 986  
Delta R.T. -0.009 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

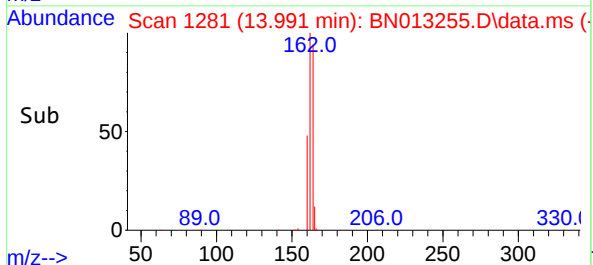
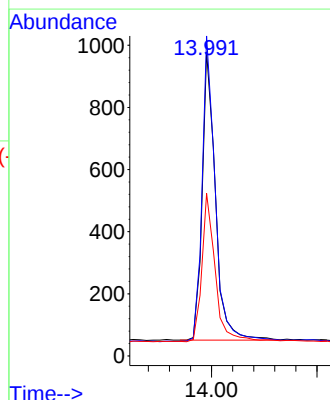
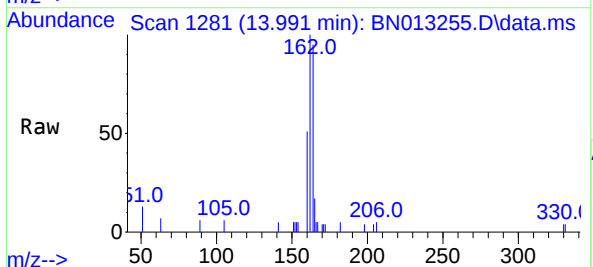
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

Tgt Ion:152 Resp: 1086  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 13.991 min Scan# 1281  
Delta R.T. -0.013 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

Tgt Ion:164 Resp: 1612  
Ion Ratio Lower Upper  
164 100  
162 105.2 80.6 120.8  
160 53.4 39.5 59.3

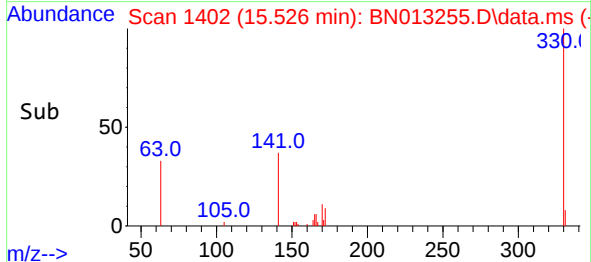
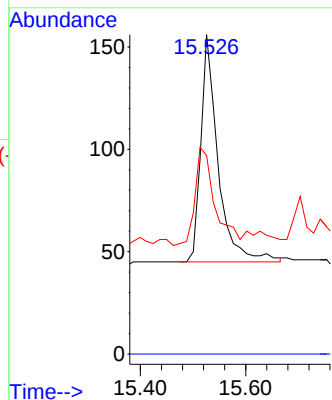
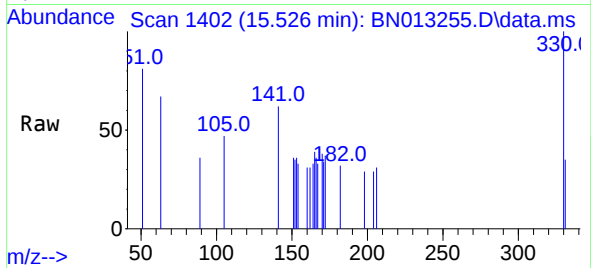




#14  
2,4,6-Tribromophenol  
Concen: 0.25 ng  
RT: 15.526 min Scan# 1402  
Delta R.T. -0.013 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

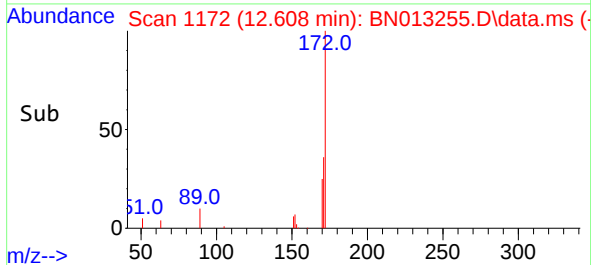
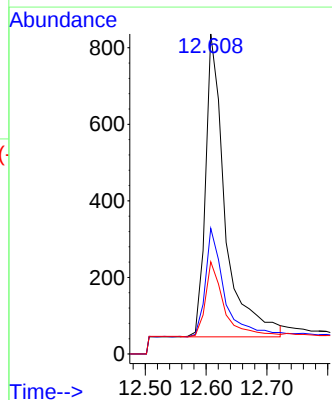
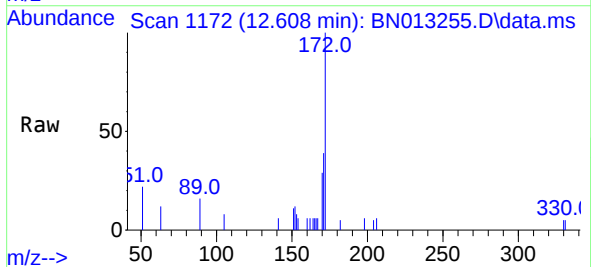
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

Tgt Ion:330 Resp: 251  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 50.2 34.4 51.6



#15  
2-Fluorobiphenyl  
Concen: 0.26 ng  
RT: 12.608 min Scan# 1172  
Delta R.T. -0.026 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

Tgt Ion:172 Resp: 1783  
Ion Ratio Lower Upper  
172 100  
171 39.2 28.2 42.4  
170 28.8 20.0 30.0

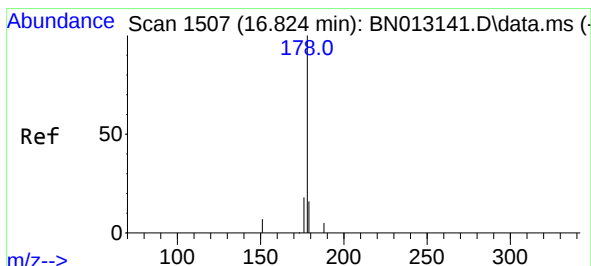
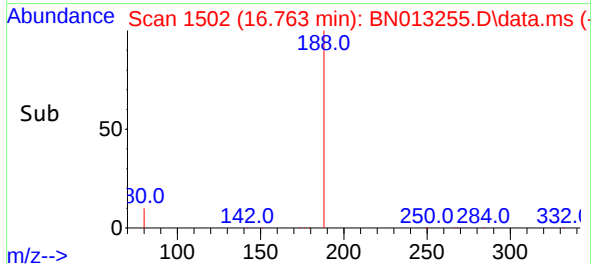
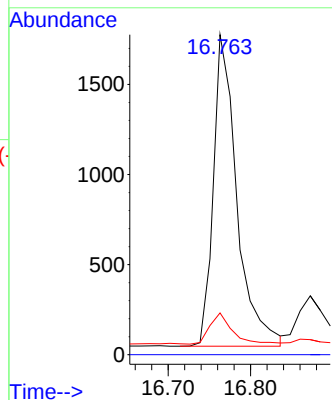
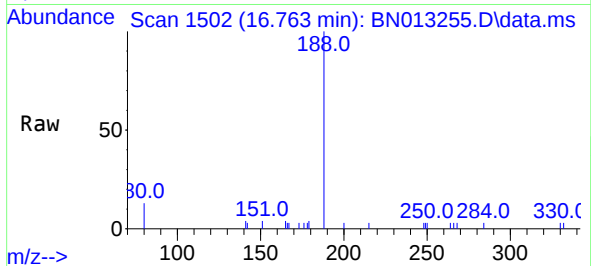




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.763 min Scan# 1502  
Delta R.T. -0.013 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

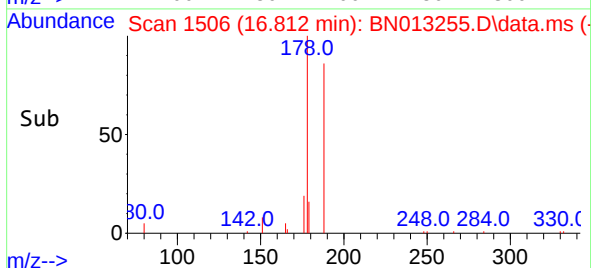
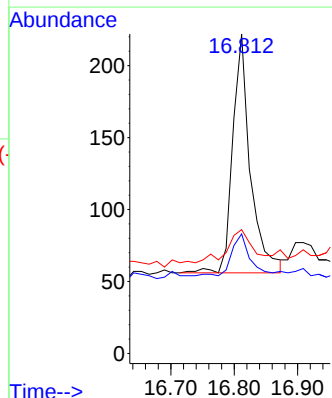
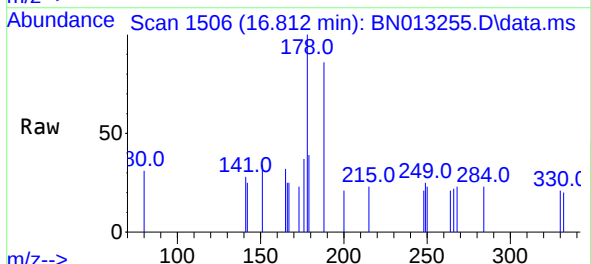
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

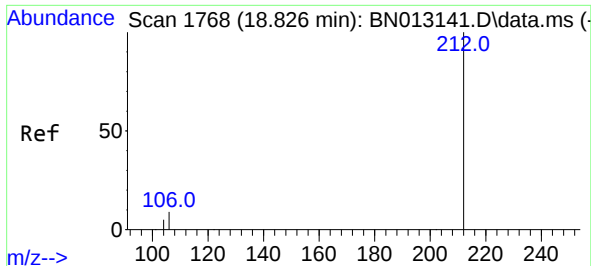
Tgt Ion:188 Resp: 3430  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 5.0 7.4#



#25  
Phenanthrene  
Concen: 0.03 ng  
RT: 16.812 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

Tgt Ion:178 Resp: 321  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.8 22.2  
179 19.0 12.4 18.6#

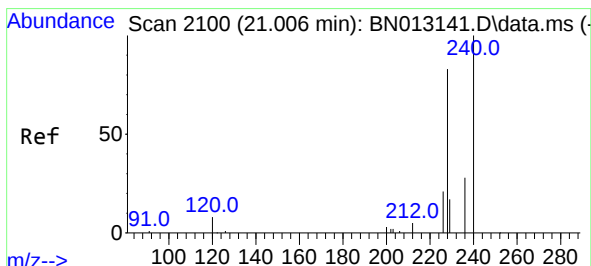
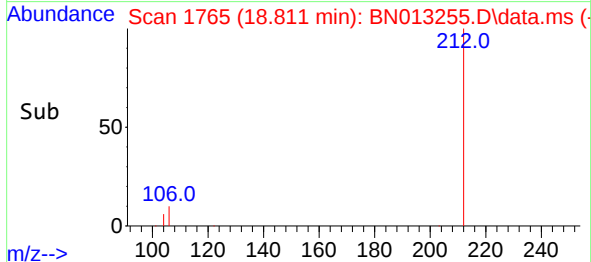
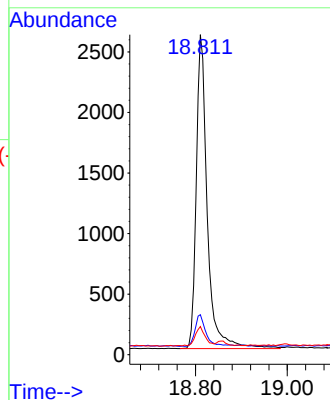
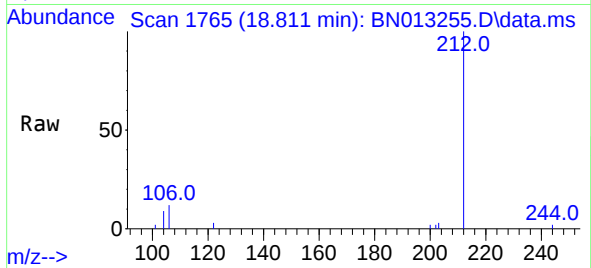




#27  
Fluoranthene-d10  
Concen: 0.38 ng  
RT: 18.811 min Scan# 1765  
Delta R.T. -0.010 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

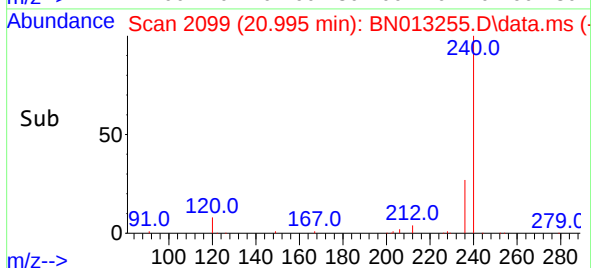
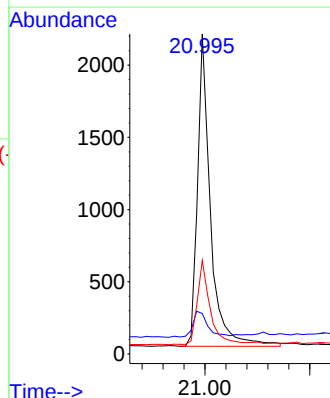
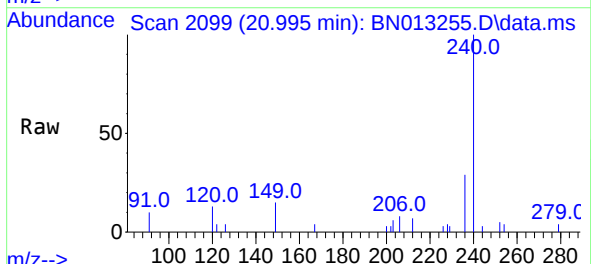
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

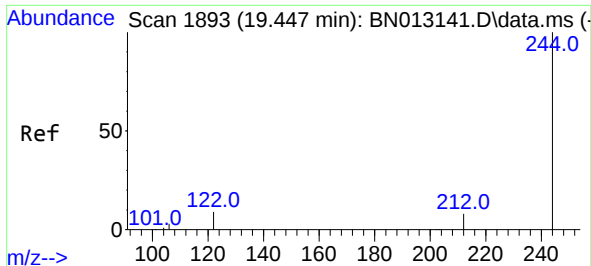
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 212   | Resp: | 4298 |
| Ion Ratio | Lower | Upper |      |
| 212       | 100   |       |      |
| 106       | 9.9   | 6.8   | 10.2 |
| 104       | 5.7   | 4.1   | 6.1  |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 20.995 min Scan# 2099  
Delta R.T. -0.011 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 3710 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 12.7  | 5.3   | 7.9# |
| 236       | 29.3  | 21.8  | 32.8 |

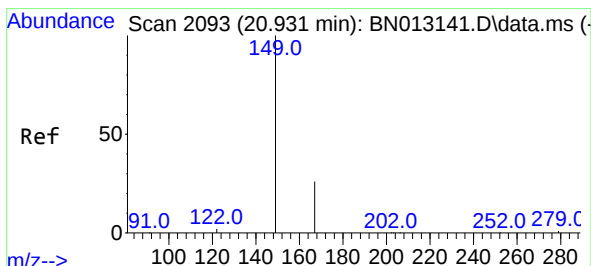
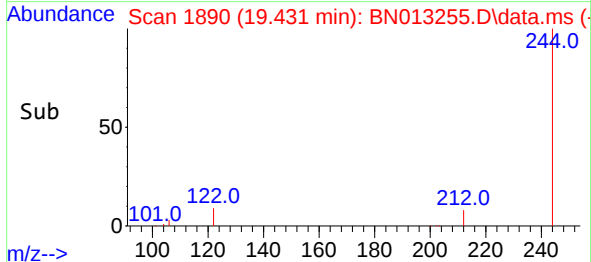
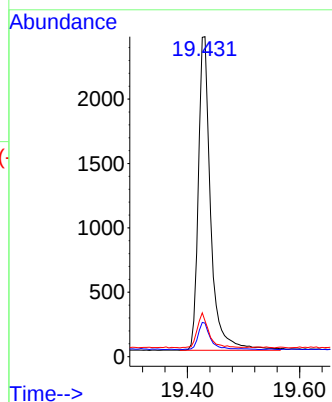
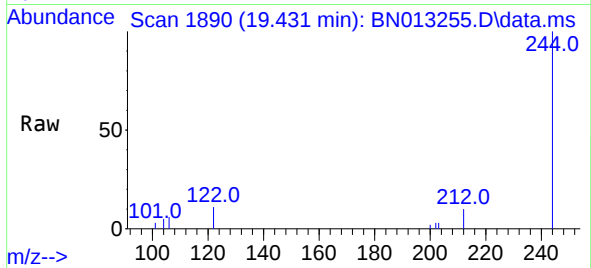




#31  
Terphenyl-d14  
Concen: 0.40 ng  
RT: 19.431 min Scan# 1890  
Delta R.T. -0.015 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

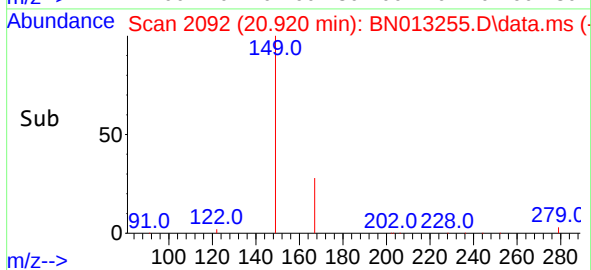
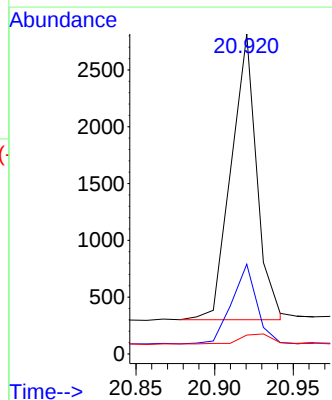
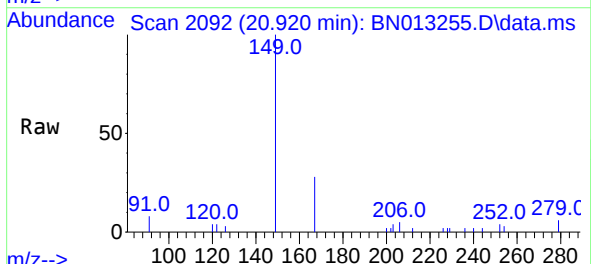
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20201213

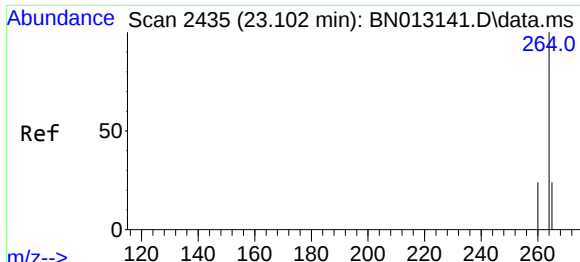
Tgt Ion:244 Resp: 3723  
Ion Ratio Lower Upper  
244 100  
212 10.5 7.3 10.9  
122 11.2 7.3 10.9#



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.16 ng  
RT: 20.920 min Scan# 2092  
Delta R.T. -0.000 min  
Lab File: BN013255.D  
Acq: 22 Dec 2020 02:30

Tgt Ion:149 Resp: 2850  
Ion Ratio Lower Upper  
149 100  
167 27.3 23.2 34.8  
279 4.2 3.9 5.9





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.082 min Scan# 2429  
 Delta R.T. -0.014 min  
 Lab File: BN013255.D  
 Acq: 22 Dec 2020 02:30

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW201D-20201213

Tgt Ion:264 Resp: 4337

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.1  | 19.8  | 29.6  |
| 265 | 68.8  | 51.4  | 77.0  |

