

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103020\  
 Data File : BN012474.D  
 Acq On : 30 Oct 2020 17:48  
 Operator : CG/JU  
 Sample : L4547-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT-033-IDWSO-20201027

Quant Time: Oct 30 18:22:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN103020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 14:49:10 2020  
 Response via : Initial Calibration

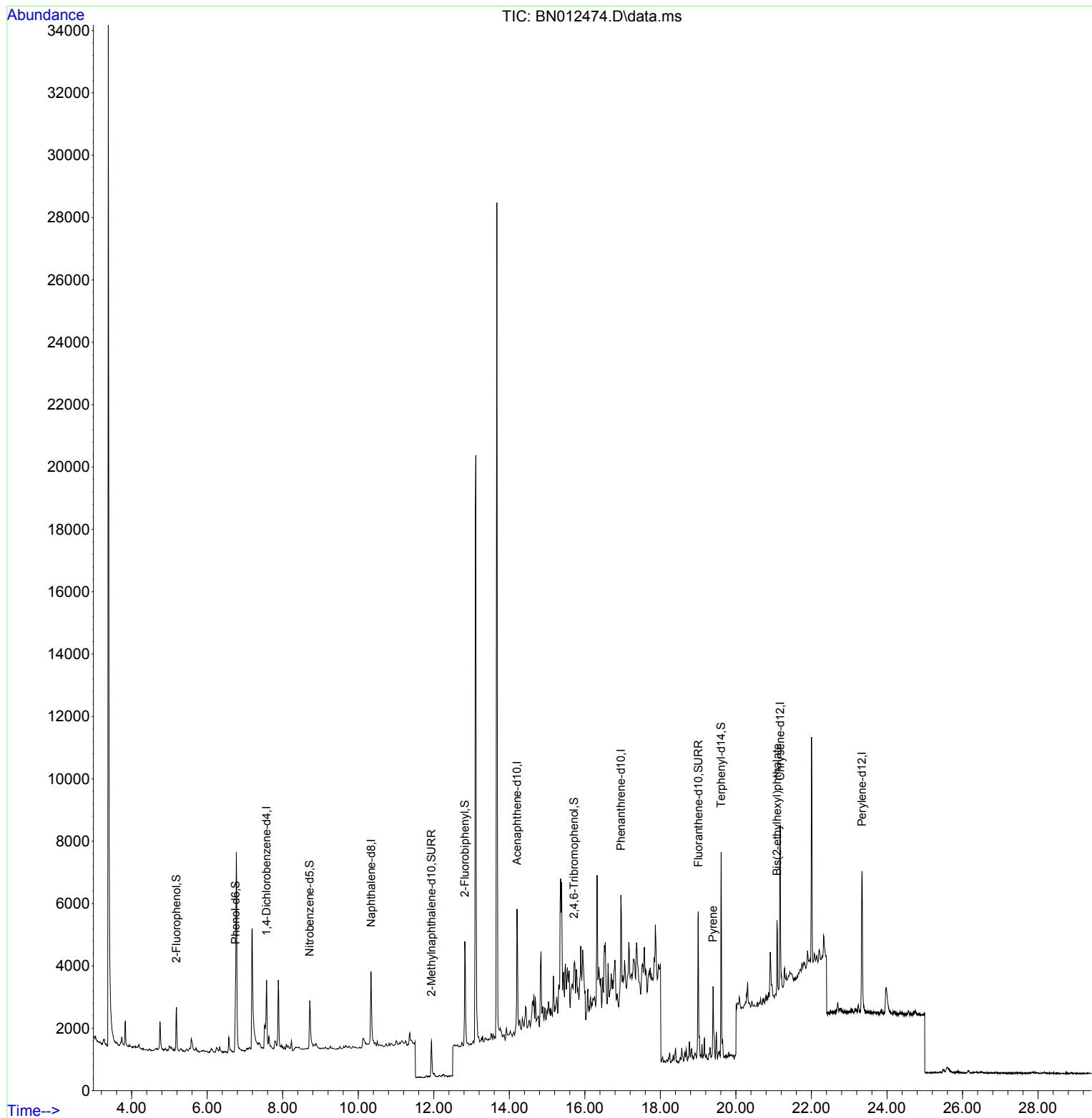
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.570  | 152  | 935      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.339 | 136  | 3755     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.205 | 164  | 2204     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.956 | 188  | 4909     | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.174 | 240  | 5667     | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.337 | 264  | 6043     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.186  | 112  | 951      | 0.29 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.749  | 99   | 1285     | 0.32 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.717  | 82   | 1657     | 0.38 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.940 | 152  | 2010     | 0.33 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.714 | 330  | 506      | 0.34 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.822 | 172  | 3356     | 0.41 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.003 | 212  | 5503     | 0.36 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.608 | 244  | 6449     | 0.49 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 30) Pyrene                    | 19.395 | 202  | 2637     | 0.14 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.089 | 149  | 2451     | 0.21 | ng    | 91       |
| -----                         |        |      |          |      |       |          |

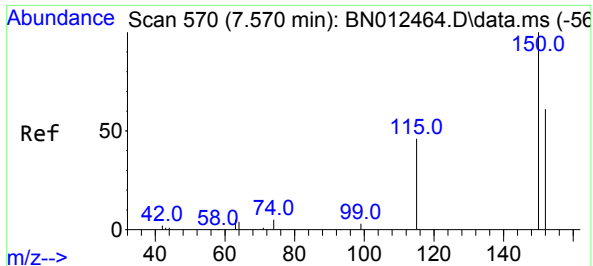
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103020\  
Data File : BN012474.D  
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ALS Vial : 15 Sample Multiplier: 1

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TT-033-IDWSO-20201027

Quant Time: Oct 30 18:22:28 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN103020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 30 14:49:10 2020  
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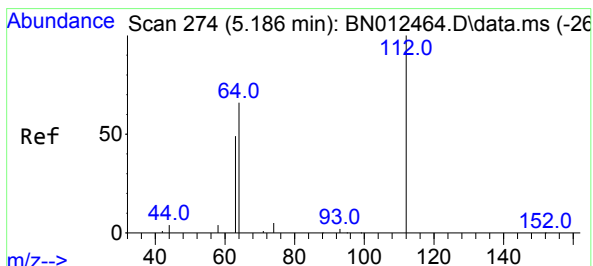
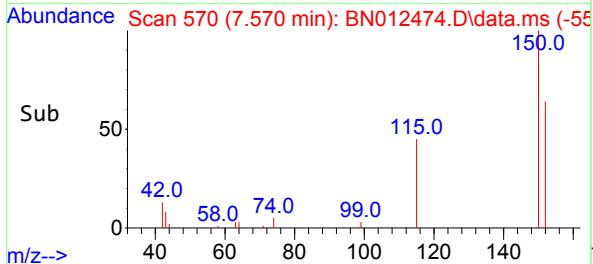
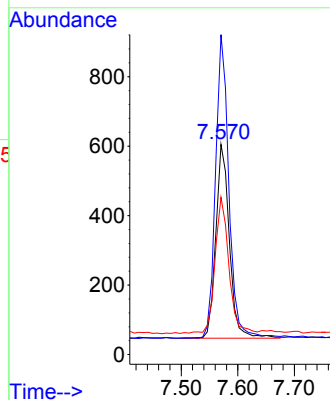
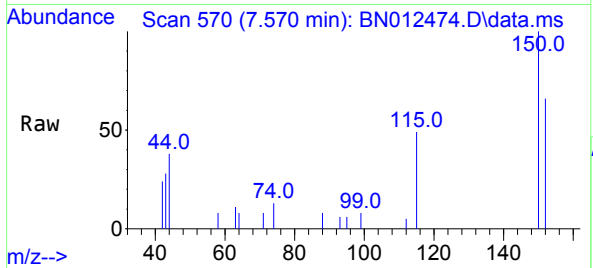




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.570 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

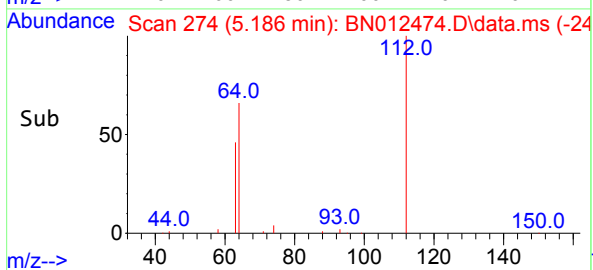
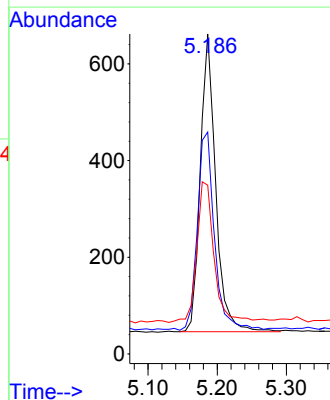
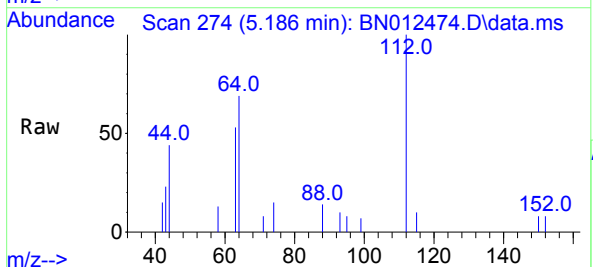
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

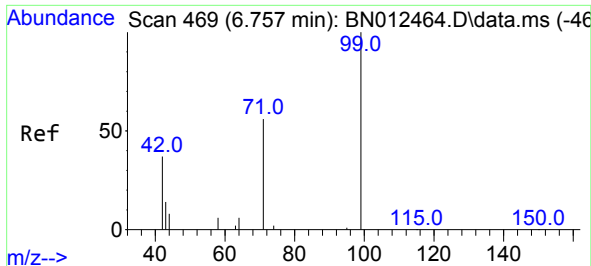
Tgt Ion:152 Resp: 935  
Ion Ratio Lower Upper  
152 100  
150 152.2 116.6 174.8  
115 74.9 52.9 79.3



#4  
2-Fluorophenol  
Concen: 0.29 ng  
RT: 5.186 min Scan# 274  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion:112 Resp: 951  
Ion Ratio Lower Upper  
112 100  
64 72.5 49.5 74.3  
63 53.7 32.0 48.0#

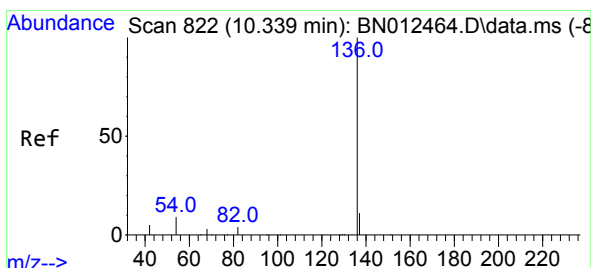
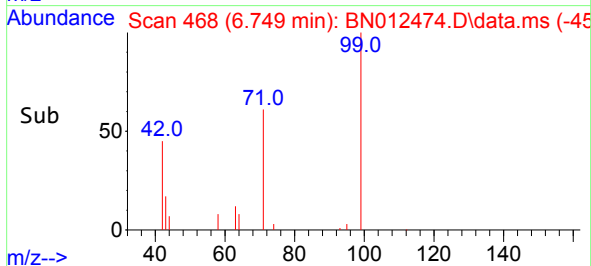
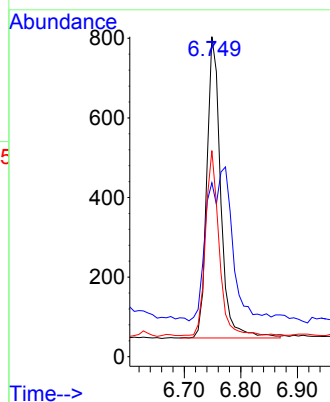
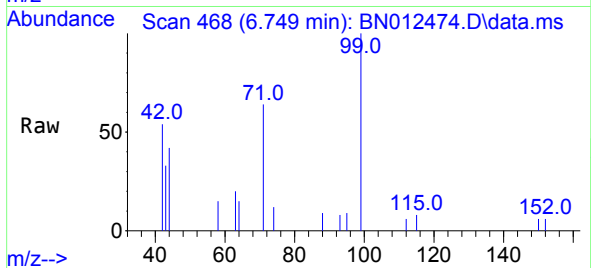




#5  
Phenol-d6  
Concen: 0.32 ng  
RT: 6.749 min Scan# 468  
Delta R.T. -0.008 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

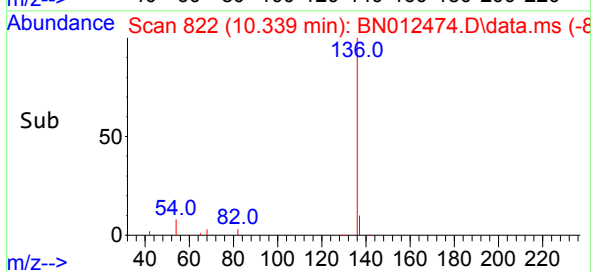
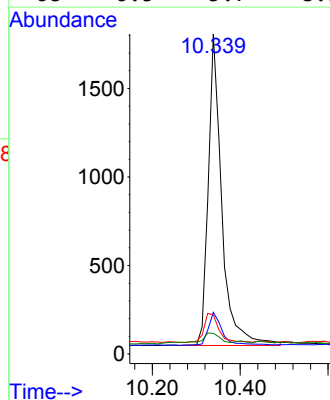
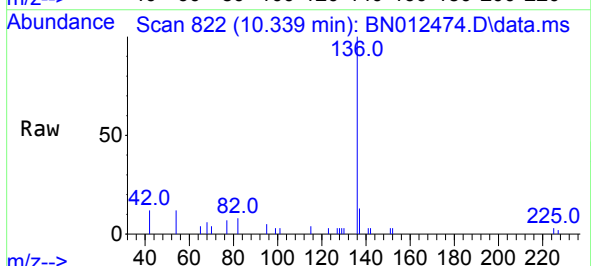
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

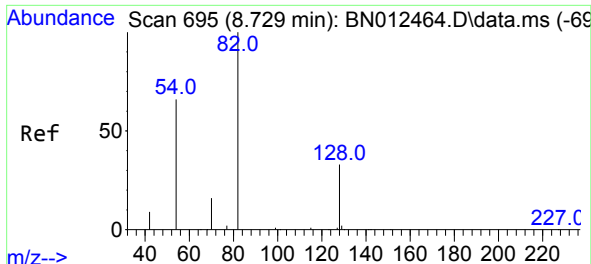
Tgt Ion: 99 Resp: 1285  
Ion Ratio Lower Upper  
99 100  
42 0.0 22.4 33.6#  
71 59.8 37.8 56.6#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.339 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion: 136 Resp: 3755  
Ion Ratio Lower Upper  
136 100  
137 13.0 10.6 15.8  
54 12.2 8.6 12.8  
68 6.5 5.7 8.5

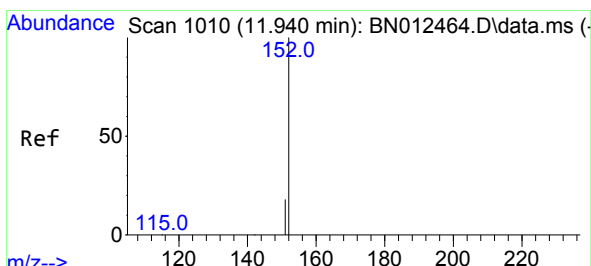
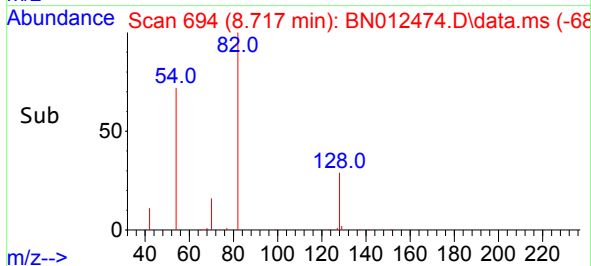
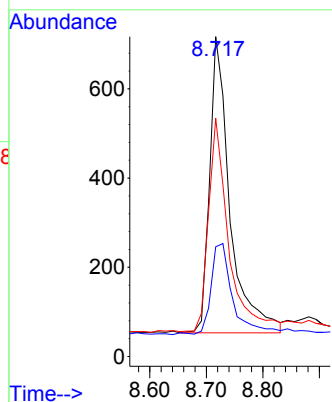
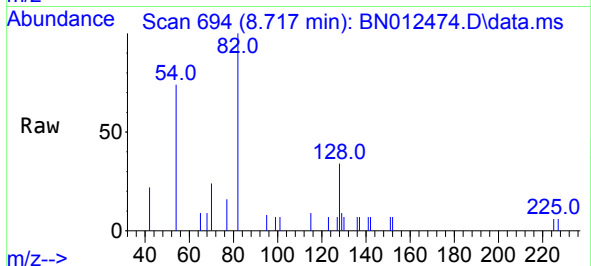




#8  
Nitrobenzene-d5  
Concen: 0.38 ng  
RT: 8.717 min Scan# 694  
Delta R.T. -0.013 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

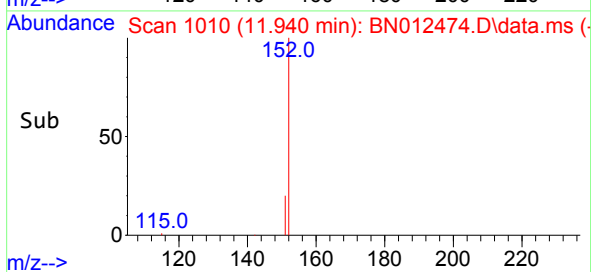
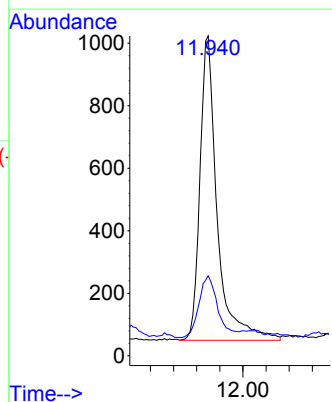
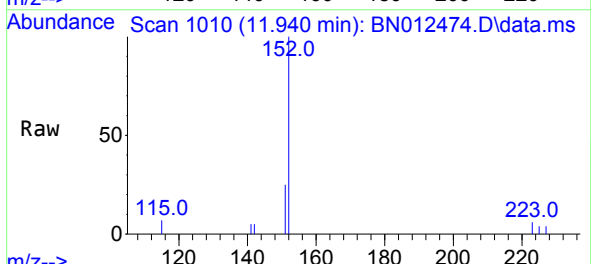
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

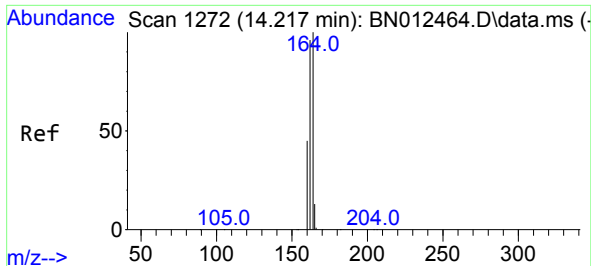
Tgt Ion: 82 Resp: 1657  
Ion Ratio Lower Upper  
82 100  
128 34.3 30.6 46.0  
54 74.5 48.3 72.5#



#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 11.940 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion:152 Resp: 2010  
Ion Ratio Lower Upper  
152 100  
151 22.2 16.7 25.1

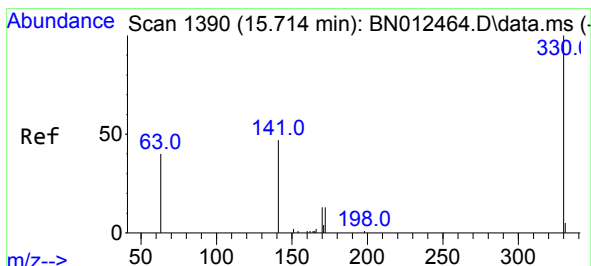
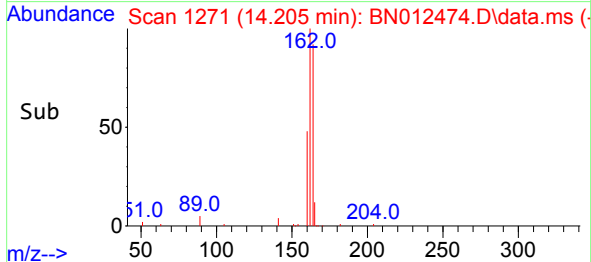
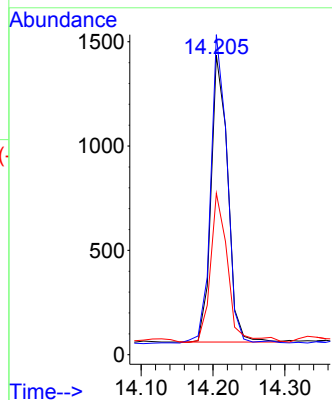
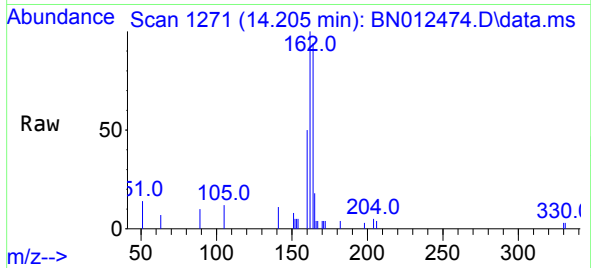




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.205 min Scan# 1271  
Delta R.T. -0.012 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

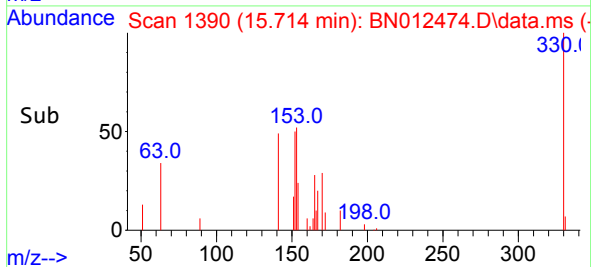
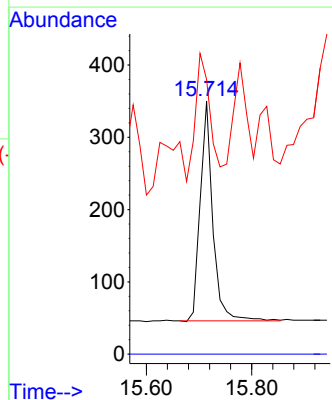
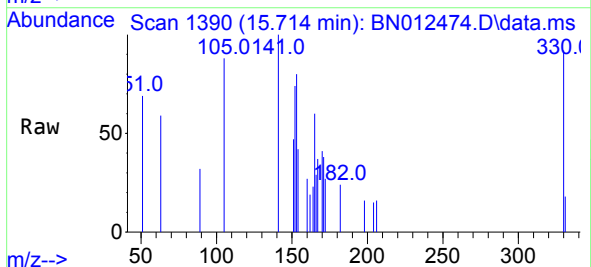
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

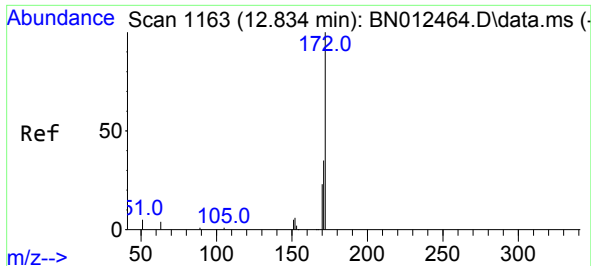
Tgt Ion:164 Resp: 2204  
Ion Ratio Lower Upper  
164 100  
162 106.9 80.6 120.8  
160 53.9 39.5 59.3



#14  
2,4,6-Tribromophenol  
Concen: 0.34 ng  
RT: 15.714 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion:330 Resp: 506  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 67.0 34.4 51.6#

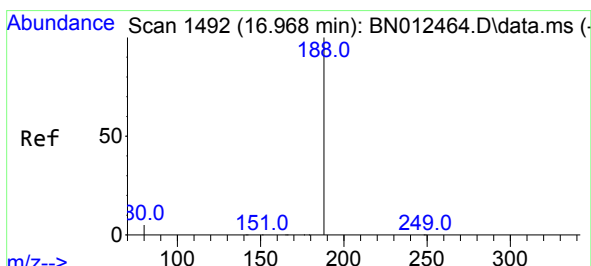
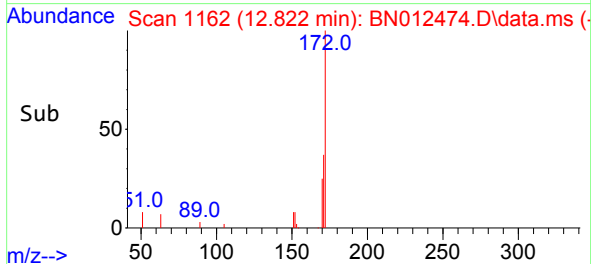
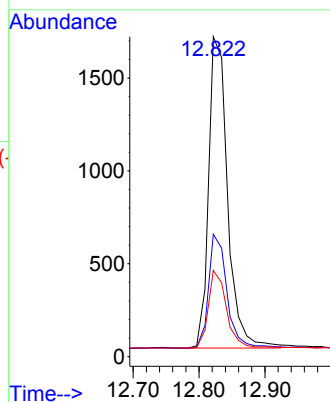
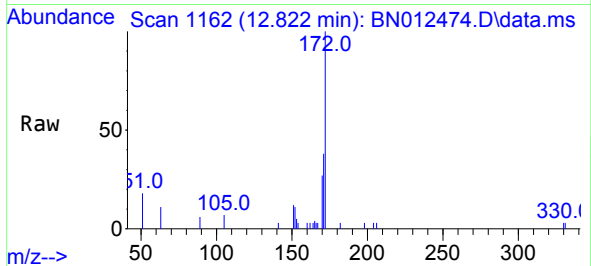




#15  
2-Fluorobiphenyl  
Concen: 0.41 ng  
RT: 12.822 min Scan# 1162  
Delta R.T. -0.013 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

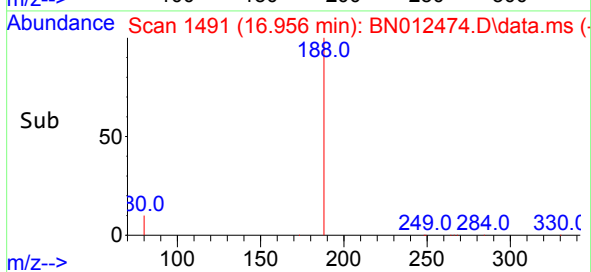
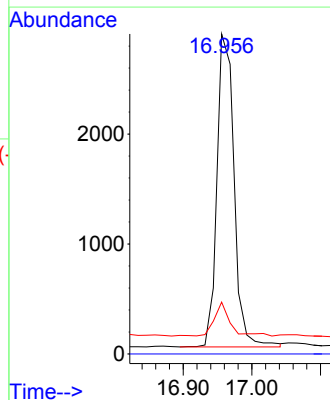
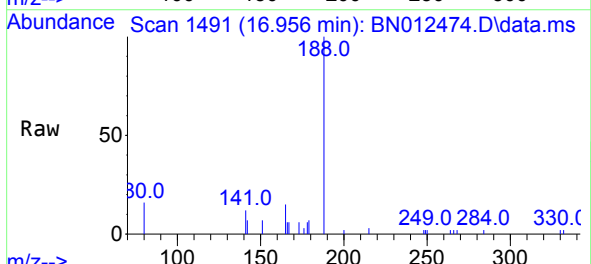
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

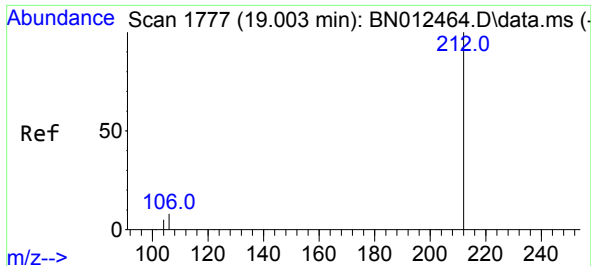
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 3356  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 38.2  | 28.2  | 42.4  |
| 170      | 26.9  | 20.0  | 30.0  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.956 min Scan# 1491  
Delta R.T. -0.012 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 4909  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 16.2  | 5.0   | 7.4#  |

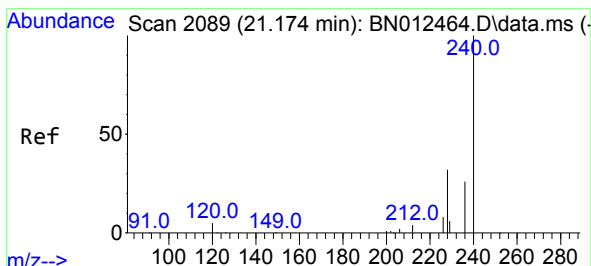
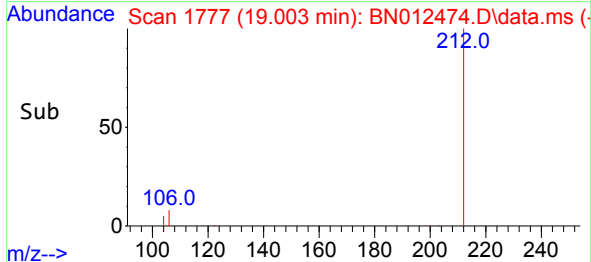
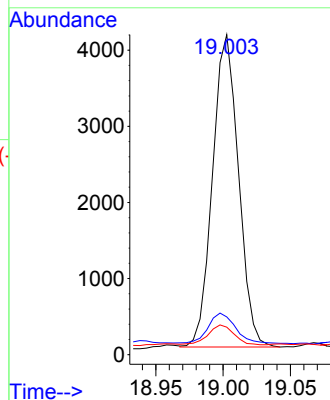
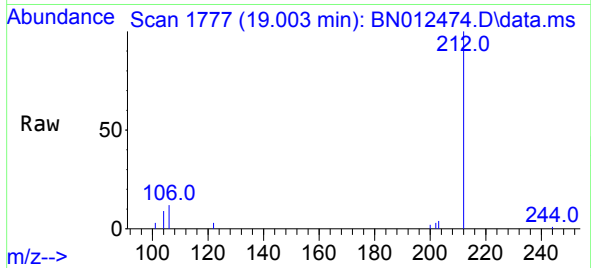




#27  
Fluoranthene-d10  
Concen: 0.36 ng  
RT: 19.003 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

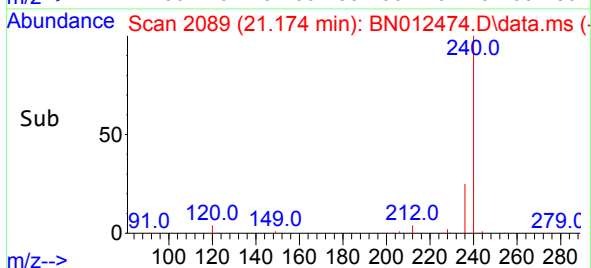
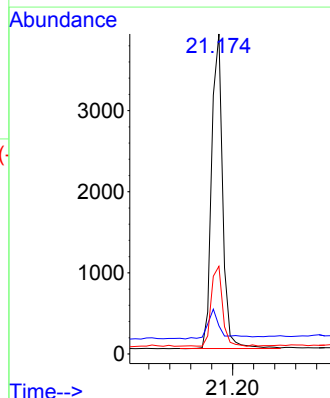
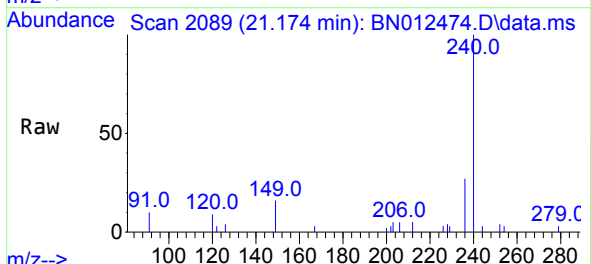
Instrument :  
BNA\_N  
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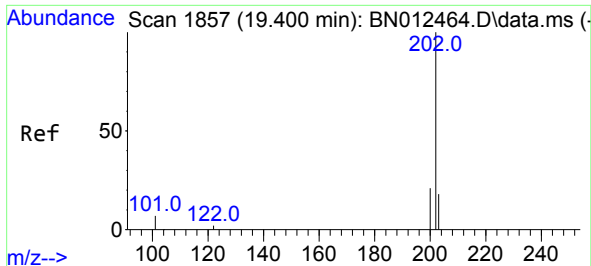
Tgt Ion:212 Resp: 5503  
Ion Ratio Lower Upper  
212 100  
106 10.6 6.8 10.2#  
104 6.7 4.1 6.1#



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.174 min Scan# 2089  
Delta R.T. 0.000 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion:240 Resp: 5667  
Ion Ratio Lower Upper  
240 100  
120 8.8 5.3 7.9#  
236 27.4 21.8 32.8



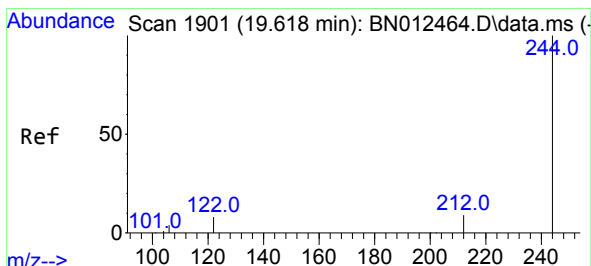
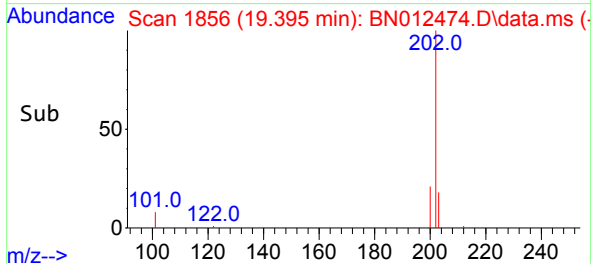
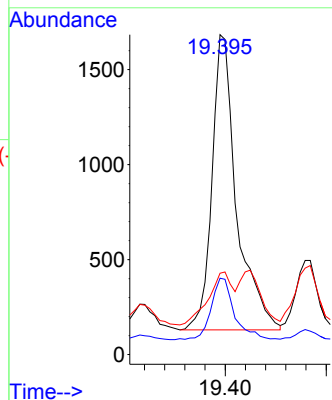
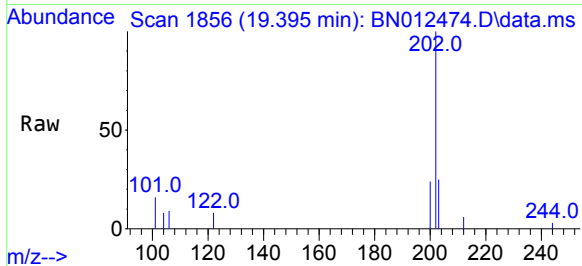


#30  
Pyrene  
Concen: 0.14 ng  
RT: 19.395 min Scan# 1856  
Delta R.T. -0.005 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

Tgt Ion:202 Resp: 2637

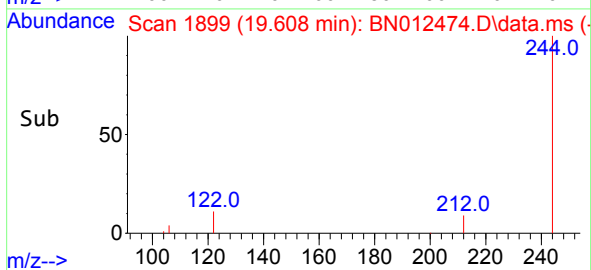
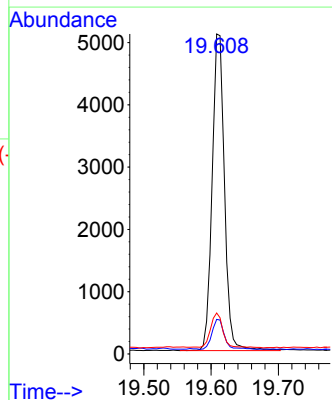
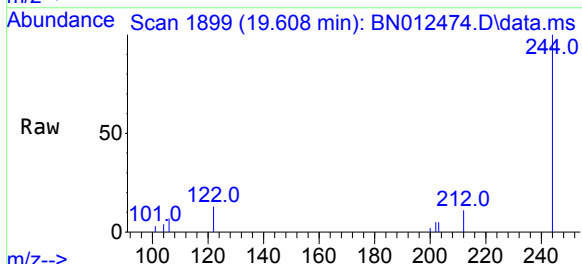
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 19.5  | 16.6  | 24.8  |
| 203 | 17.9  | 13.8  | 20.8  |

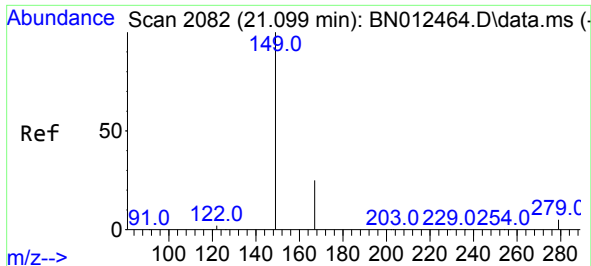


#31  
Terphenyl-d14  
Concen: 0.49 ng  
RT: 19.608 min Scan# 1899  
Delta R.T. -0.010 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion:244 Resp: 6449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.8  | 7.3   | 10.9  |
| 122 | 12.8  | 7.3   | 10.9# |



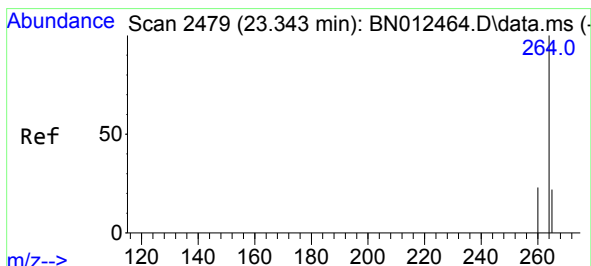
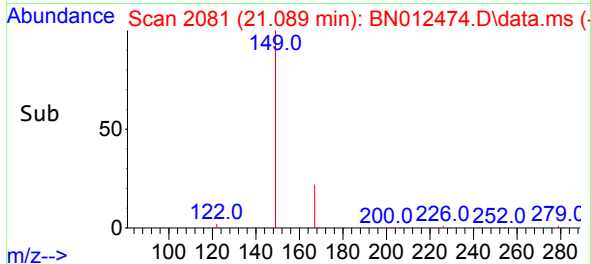
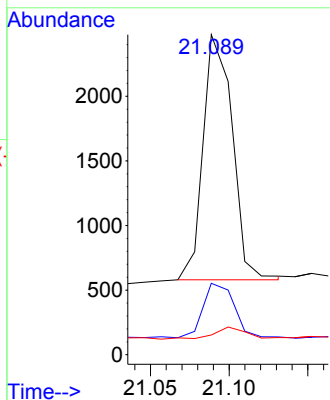
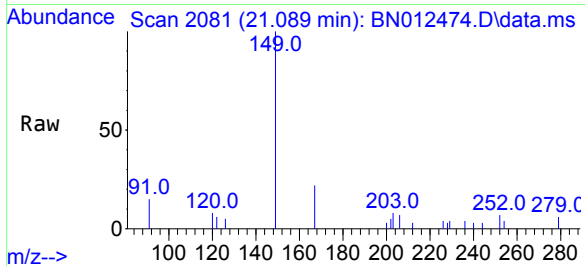


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.21 ng  
RT: 21.089 min Scan# 2081  
Delta R.T. -0.011 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027

Tgt Ion:149 Resp: 2451

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 23.5  | 23.2  | 34.8  |
| 279 | 4.6   | 3.9   | 5.9   |



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.337 min Scan# 2477  
Delta R.T. -0.007 min  
Lab File: BN012474.D  
Acq: 30 Oct 2020 17:48

Tgt Ion:264 Resp: 6043

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 19.8  | 29.6  |
| 265 | 61.2  | 51.4  | 77.0  |

