

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032221\  
 Data File : BN014013.D  
 Acq On : 22 Mar 2021 15:19  
 Operator : CG/JU  
 Sample : M1736-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20210317

Quant Time: Mar 22 16:13:30 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 19 14:40:09 2021  
 Response via : Initial Calibration

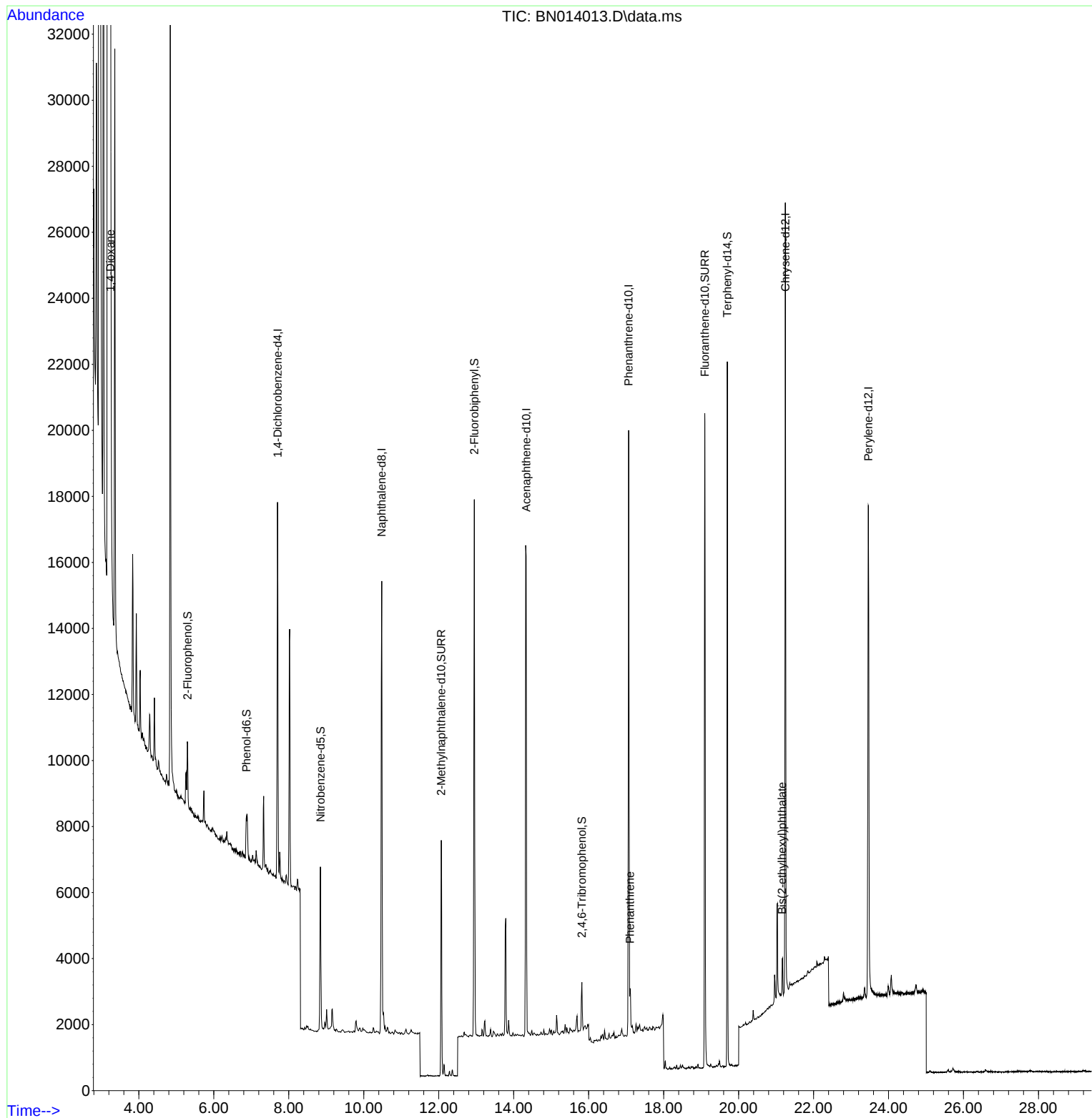
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.700  | 152  | 4988     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.480 | 136  | 18598    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.334 | 164  | 9979     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.067 | 188  | 22571    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.247 | 240  | 22028    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.463 | 264  | 20708    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 1513     | 0.13 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.871  | 99   | 1059     | 0.07 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.845  | 82   | 3941     | 0.32 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.066 | 152  | 9707     | 0.33 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.818 | 330  | 1011     | 0.31 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.951 | 172  | 13667    | 0.37 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.101 | 212  | 23902    | 0.38 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.697 | 244  | 20903    | 0.43 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 45374    | 6.90 | ng    | 97       |
| 25) Phenanthrene              | 17.104 | 178  | 1565     | 0.03 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.162 | 149  | 1205     | 0.05 | ng    | # 98     |

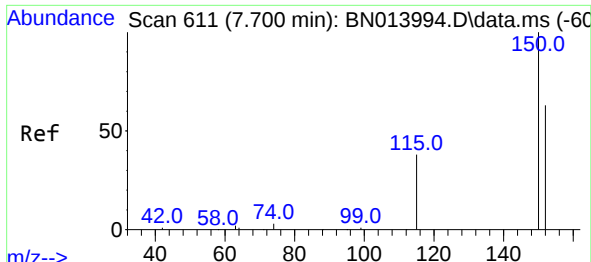
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032221\  
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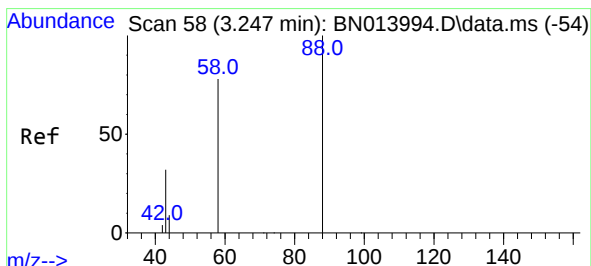
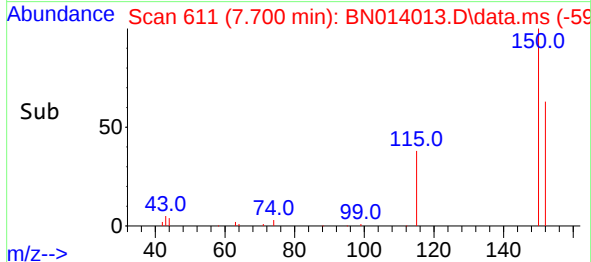
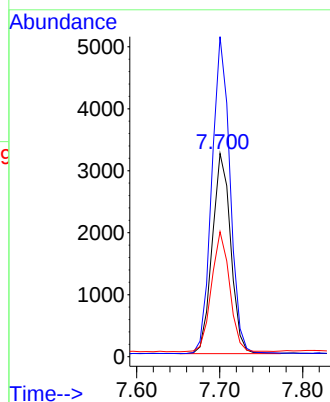
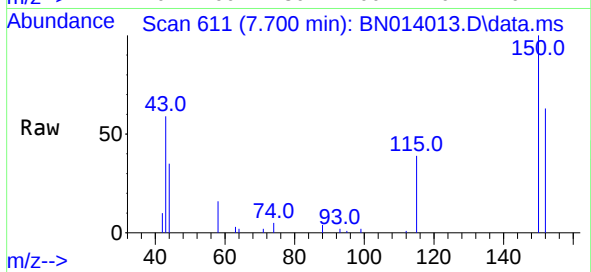


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.700 min Scan# 611  
 Delta R.T. 0.000 min  
 Lab File: BN014013.D  
 Acq: 22 Mar 2021 15:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20210317

Tgt Ion: 152 Resp: 4988

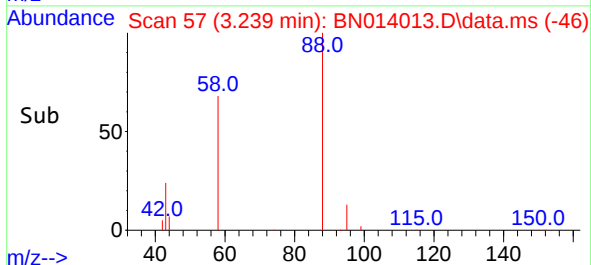
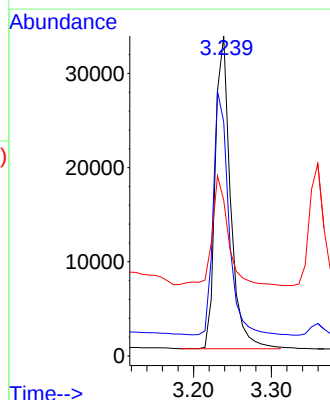
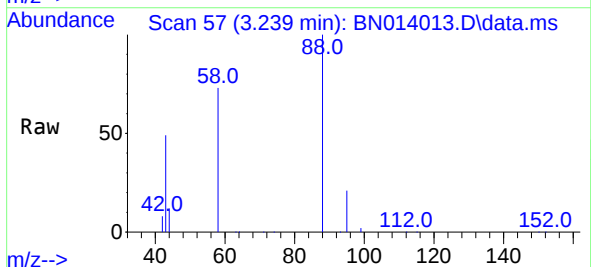
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 157.5 | 121.8 | 182.8 |
| 115 | 61.5  | 46.6  | 69.8  |

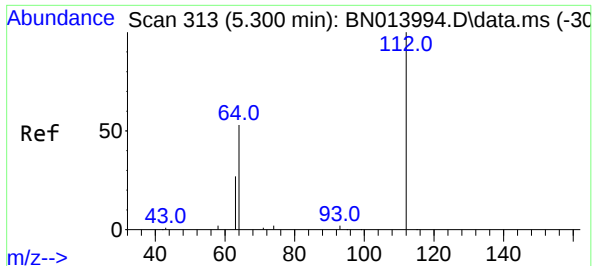


#2  
 1,4-Dioxane  
 Concen: 6.90 ng  
 RT: 3.239 min Scan# 57  
 Delta R.T. -0.008 min  
 Lab File: BN014013.D  
 Acq: 22 Mar 2021 15:19

Tgt Ion: 88 Resp: 45374

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 78.1  | 64.6  | 96.8  |
| 43  | 36.1  | 26.6  | 40.0  |

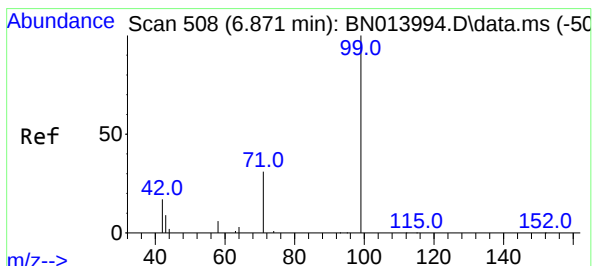
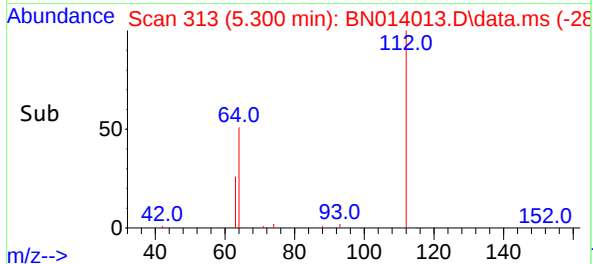
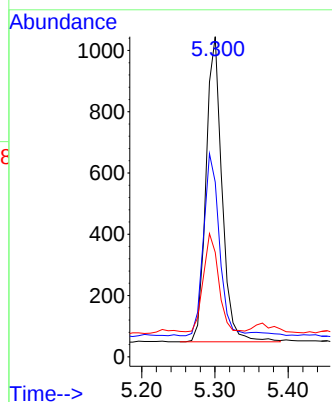
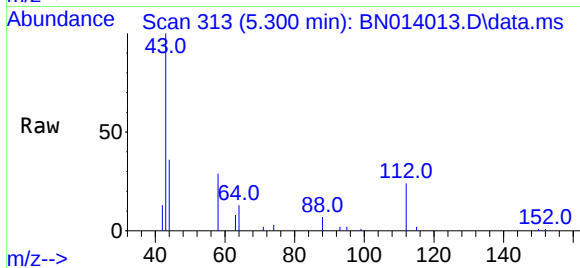




#4  
2-Fluorophenol  
Concen: 0.13 ng  
RT: 5.300 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

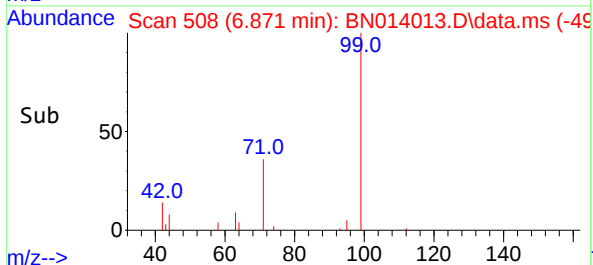
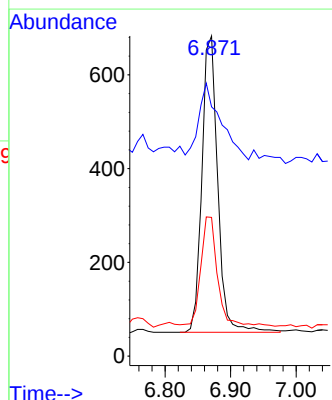
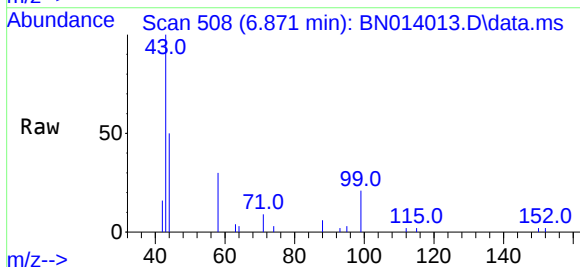
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BNA\_N  
ClientSampleId :  
RE120D1-20210317

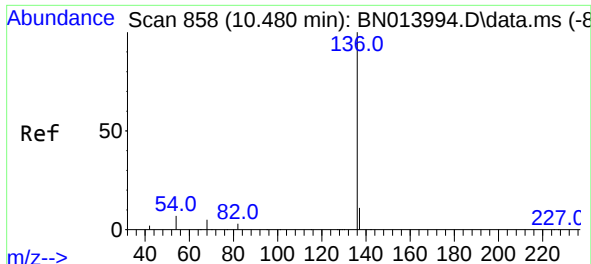
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1513  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 59.2  | 44.3  | 66.5  |
| 63       | 31.9  | 23.0  | 34.6  |



#5  
Phenol-d6  
Concen: 0.07 ng  
RT: 6.871 min Scan# 508  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1059  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 35.8  | 15.2  | 22.8# |
| 71       | 38.9  | 26.1  | 39.1  |

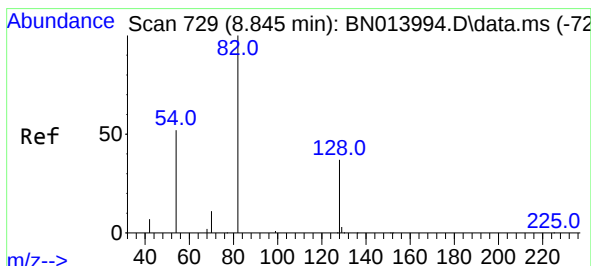
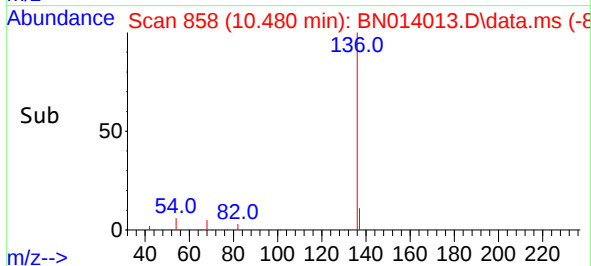
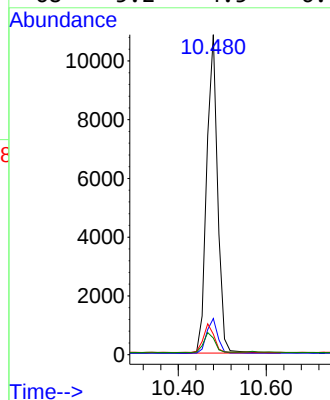
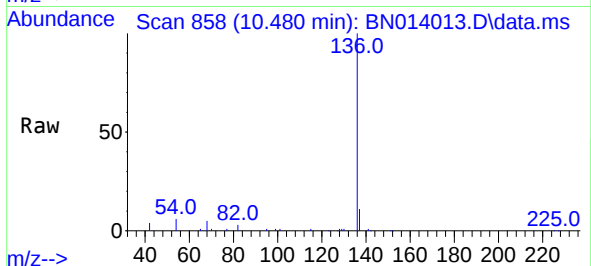




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.480 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

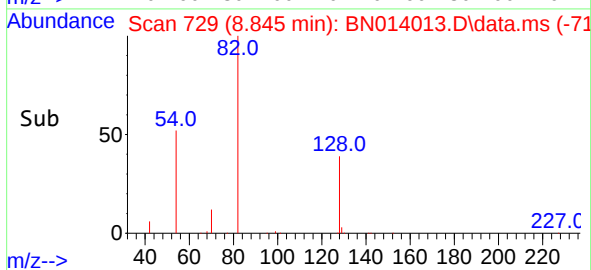
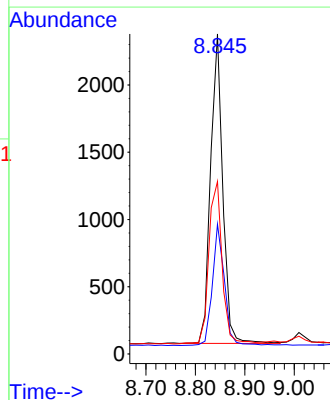
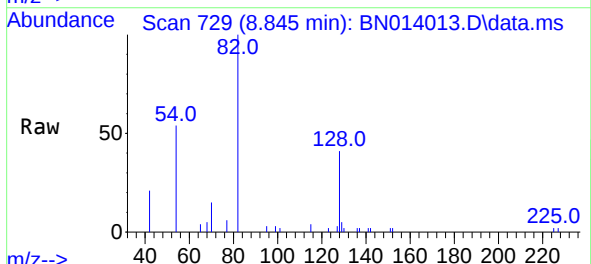
Instrument :  
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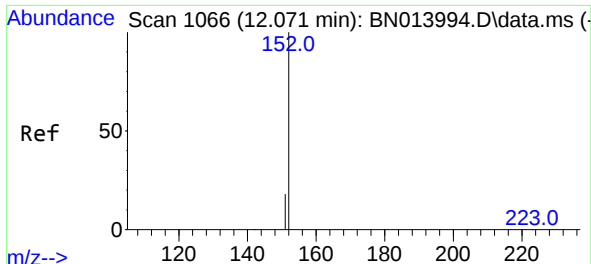
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 18598 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.0   | 13.6  |
| 54        | 6.4   | 6.4   | 9.6   |
| 68        | 5.2   | 4.5   | 6.7   |



#8  
Nitrobenzene-d5  
Concen: 0.32 ng  
RT: 8.845 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3941 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.6  | 39.2  | 58.8 |
| 54        | 53.9  | 40.1  | 60.1 |

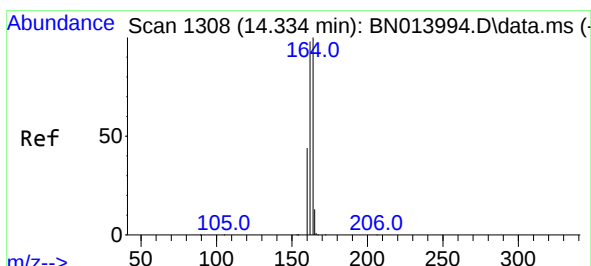
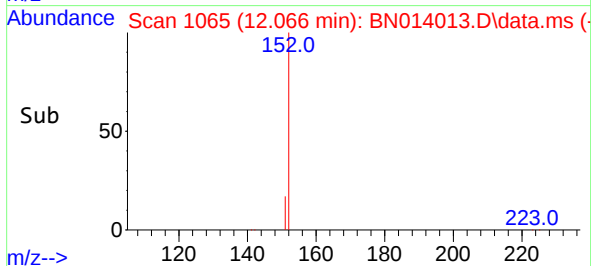
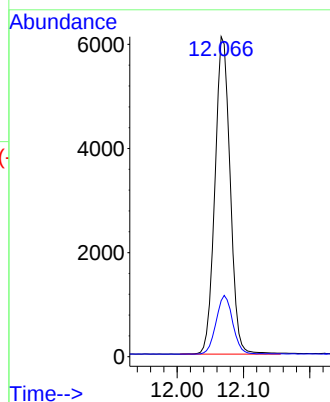
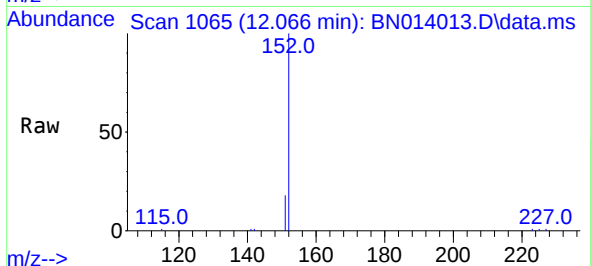




#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 12.066 min Scan# 1065  
Delta R.T. -0.004 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

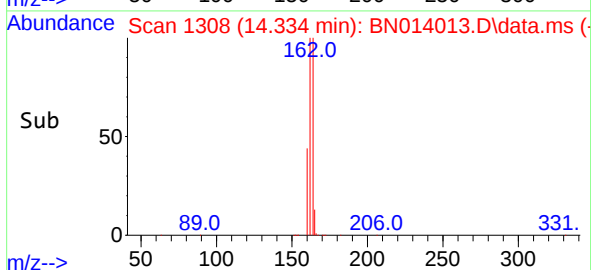
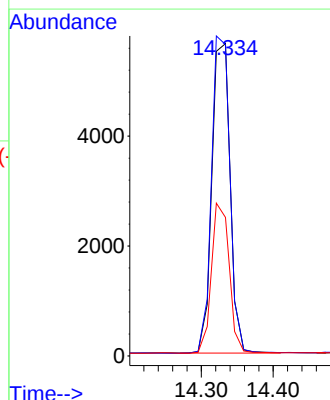
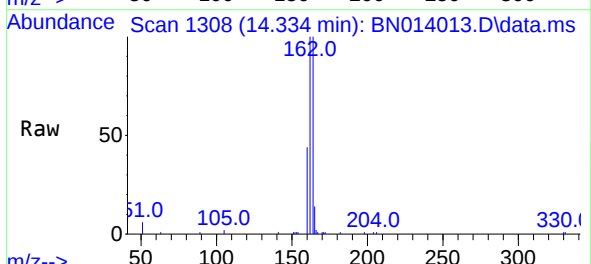
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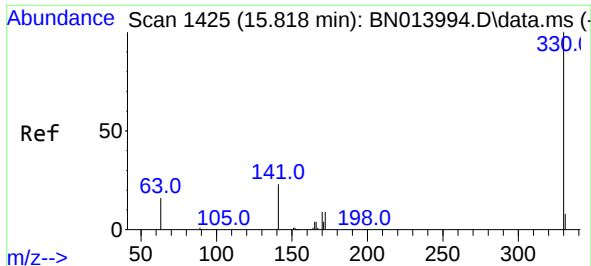
Tgt Ion:152 Resp: 9707  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.334 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

Tgt Ion:164 Resp: 9979  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.6 119.4  
160 44.4 36.0 54.0

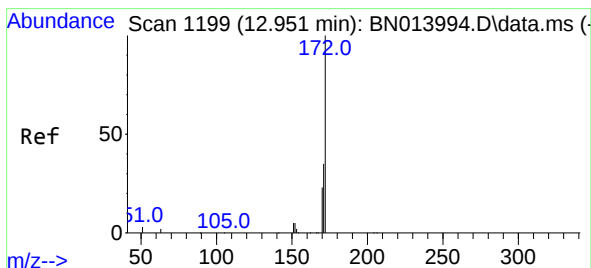
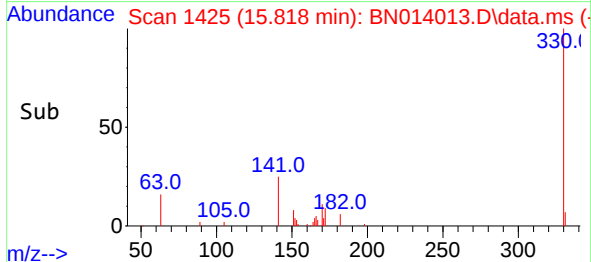
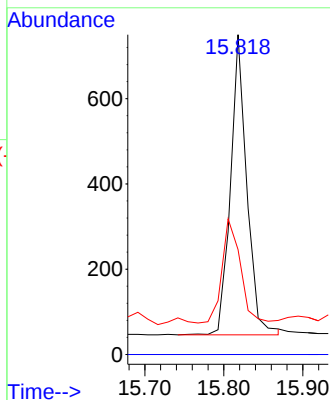
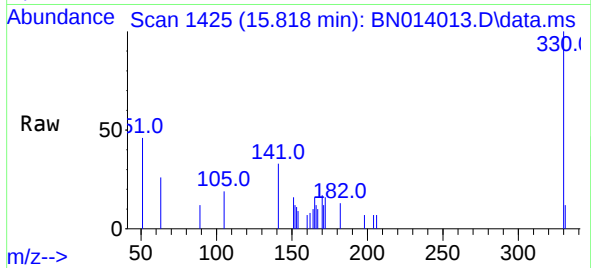




#14  
2,4,6-Tribromophenol  
Concen: 0.31 ng  
RT: 15.818 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

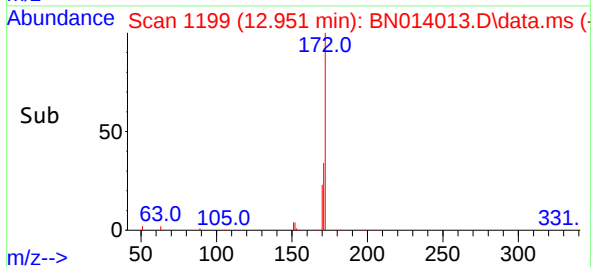
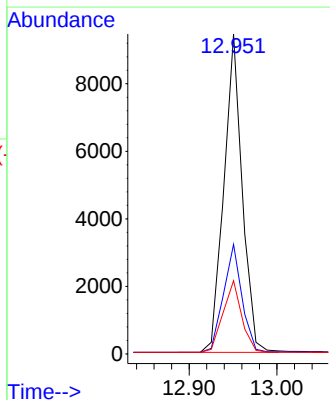
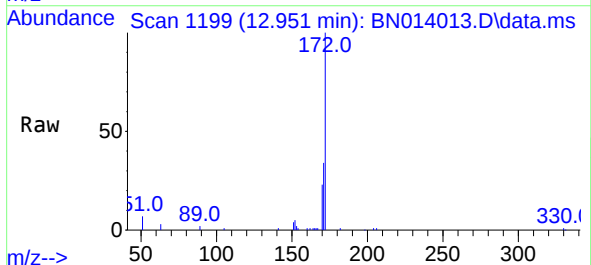
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RE120D1-20210317

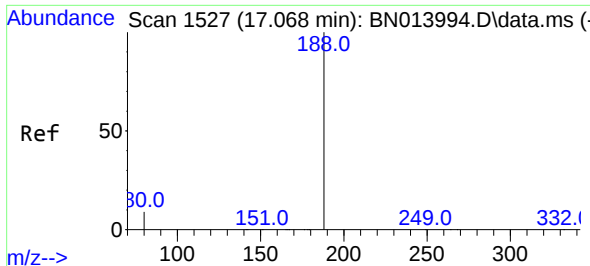
Tgt Ion:330 Resp: 1011  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.7 26.8 40.2



#15  
2-Fluorobiphenyl  
Concen: 0.37 ng  
RT: 12.951 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

Tgt Ion:172 Resp: 13667  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.6 42.8  
170 22.9 18.9 28.3

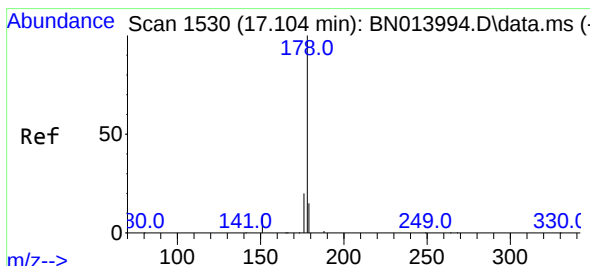
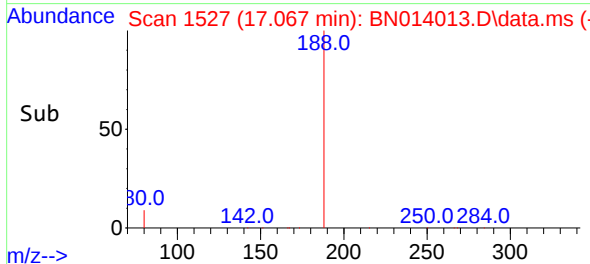
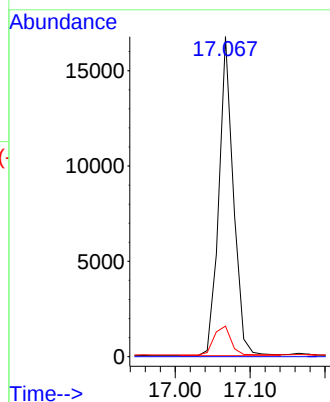
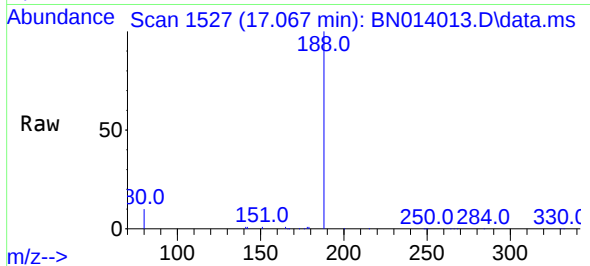




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.067 min Scan# 1527  
Delta R.T. -0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

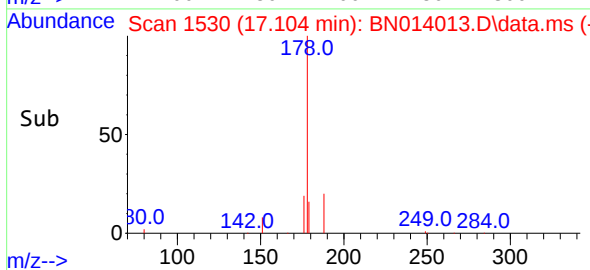
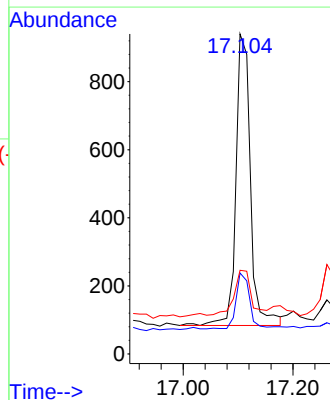
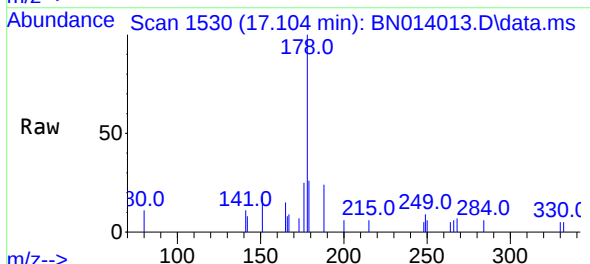
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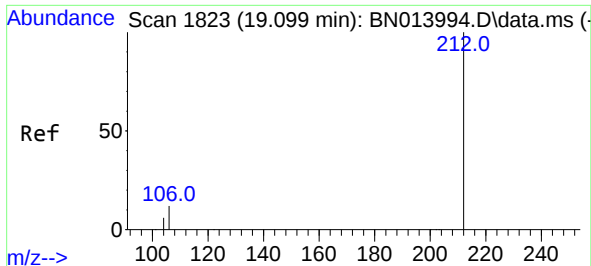
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 22571 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 9.6   | 13.6  |



#25  
Phenanthrene  
Concen: 0.03 ng  
RT: 17.104 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:178 | Resp: | 1565  |
| Ion Ratio   | Lower | Upper |
| 178         | 100   |       |
| 176         | 18.1  | 15.0  |
| 179         | 18.0  | 12.3  |

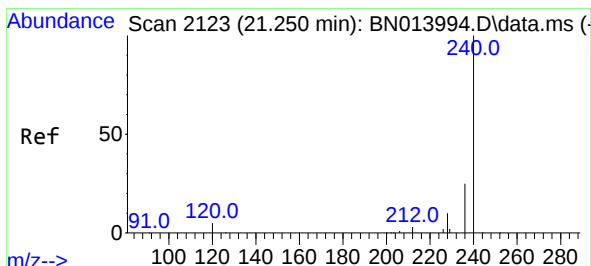
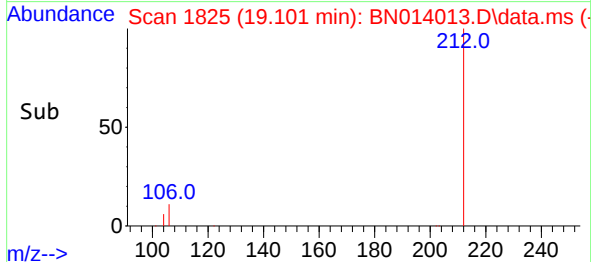
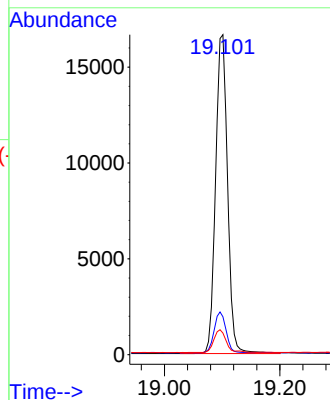
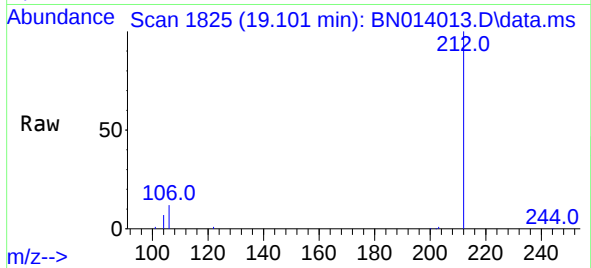




#27  
Fluoranthene-d10  
Concen: 0.38 ng  
RT: 19.101 min Scan# 1825  
Delta R.T. 0.002 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

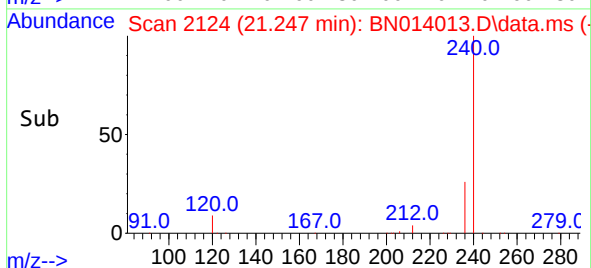
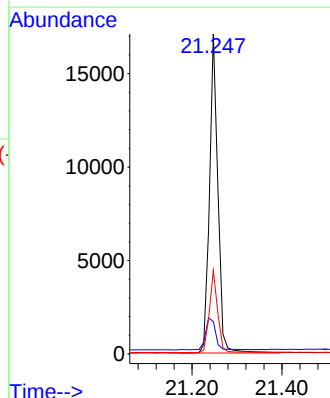
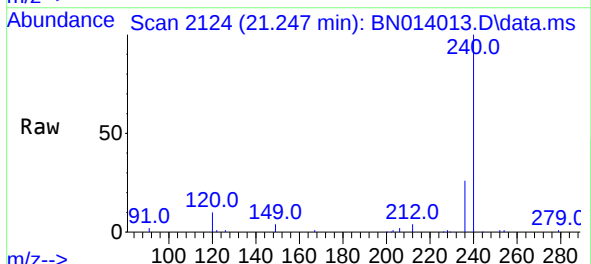
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20210317

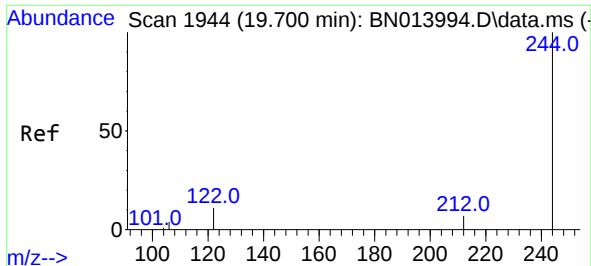
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 23902 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 12.7  | 9.7   | 14.5  |
| 104       | 7.5   | 5.5   | 8.3   |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.247 min Scan# 2124  
Delta R.T. -0.003 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 22028 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 10.2  | 10.2  | 15.4# |
| 236       | 26.1  | 21.3  | 31.9  |

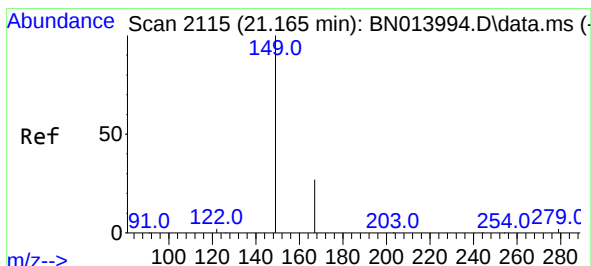
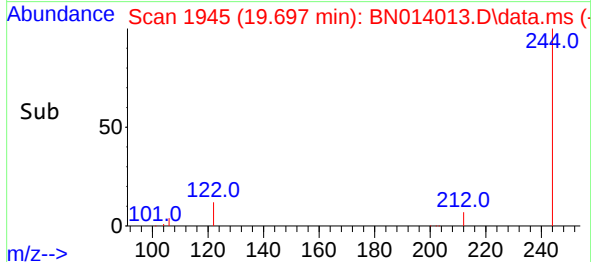
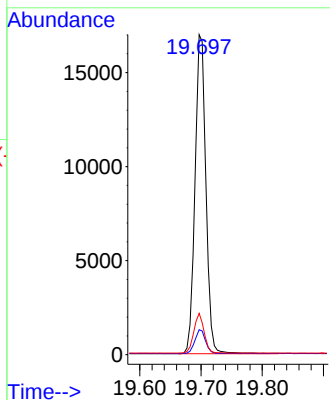
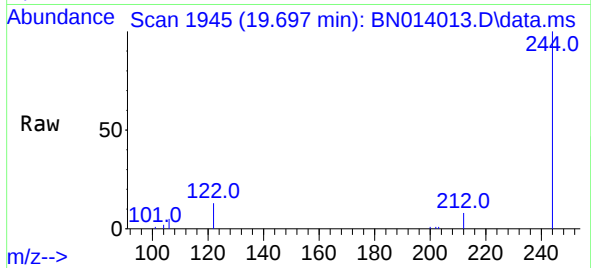




#31  
 Terphenyl-d14  
 Concen: 0.43 ng  
 RT: 19.697 min Scan# 1945  
 Delta R.T. -0.003 min  
 Lab File: BN014013.D  
 Acq: 22 Mar 2021 15:19

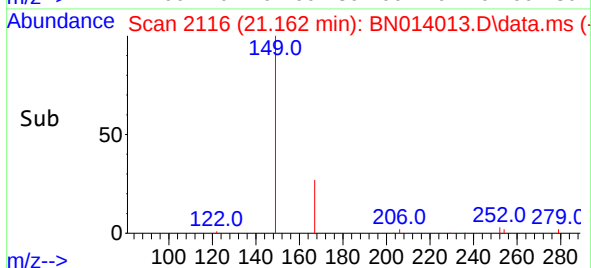
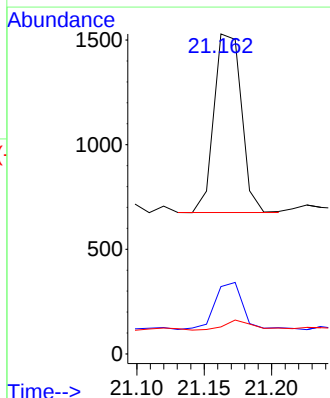
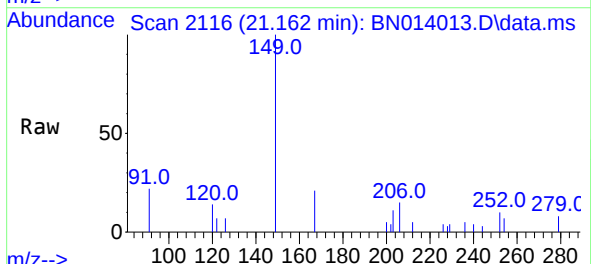
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20210317

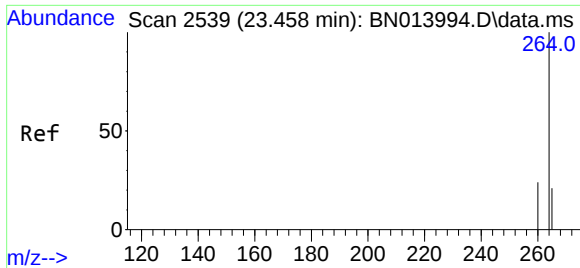
Tgt Ion:244 Resp: 20903  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.1 9.1  
 122 12.9 9.8 14.8



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.05 ng  
 RT: 21.162 min Scan# 2116  
 Delta R.T. -0.003 min  
 Lab File: BN014013.D  
 Acq: 22 Mar 2021 15:19

Tgt Ion:149 Resp: 1205  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 22.1 33.1  
 279 6.3 3.5 5.3#





#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.463 min Scan# 2542  
Delta R.T. 0.004 min  
Lab File: BN014013.D  
Acq: 22 Mar 2021 15:19

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20210317

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 20708      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.2  | 19.3 28.9  |
| 265         | 34.9  | 66.2 99.4# |

