

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
 Data File : BN014068.D  
 Acq On : 24 Mar 2021 11:04  
 Operator : CG/JU  
 Sample : M1735-19DL 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20210317DL

Quant Time: Mar 24 11:51:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 23 11:06:27 2021  
 Response via : Initial Calibration

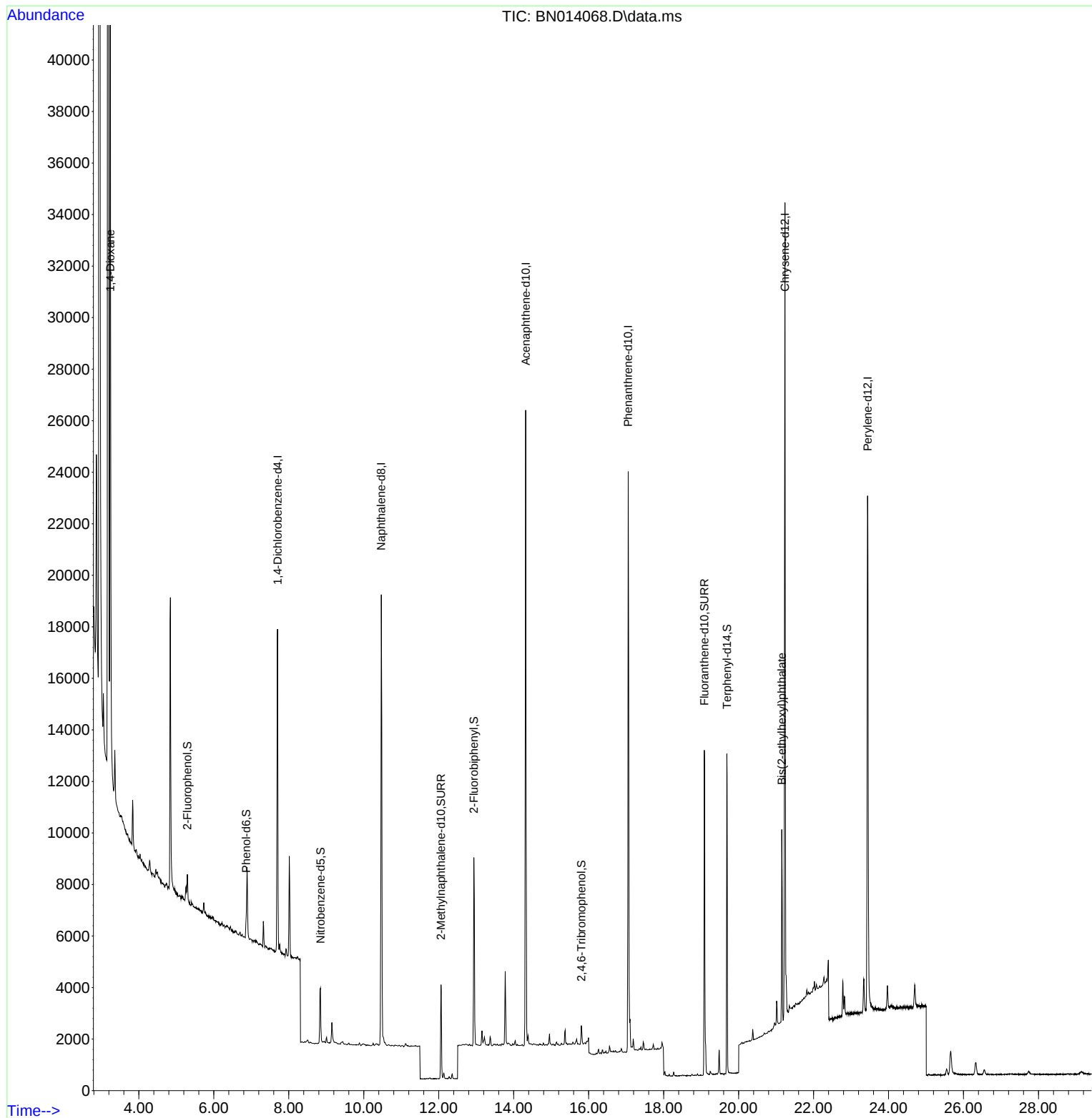
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.700  | 152  | 5992     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.467 | 136  | 23376    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.321 | 164  | 13746    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.055 | 188  | 30860    | 0.40 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.236 | 240  | 28754    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.442 | 264  | 27611    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.292  | 112  | 803      | 0.06 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.863  | 99   | 631      | 0.04 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.845  | 82   | 1985     | 0.13 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.062 | 152  | 4983     | 0.14 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.805 | 330  | 528      | 0.12 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 6910     | 0.13 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.086 | 212  | 14368    | 0.17 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.687 | 244  | 12463    | 0.20 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.239  | 88   | 21609    | 2.74 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.152 | 149  | 7053     | 0.23 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

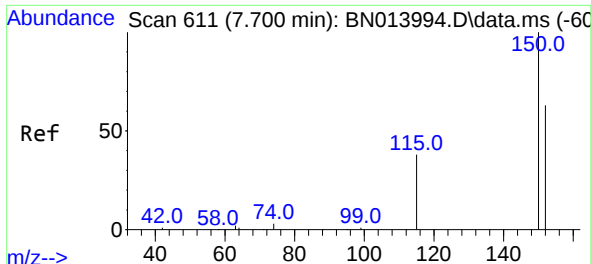
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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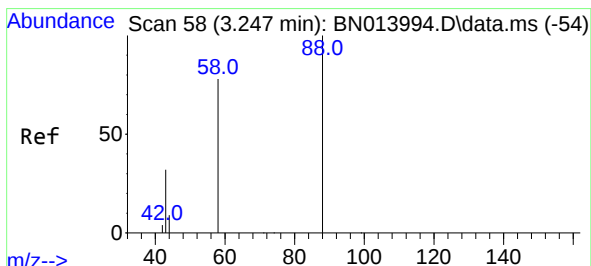
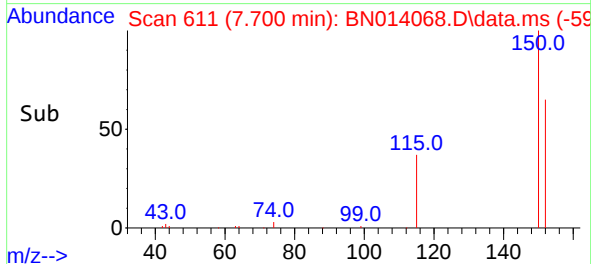
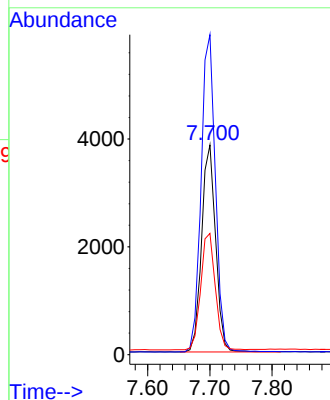
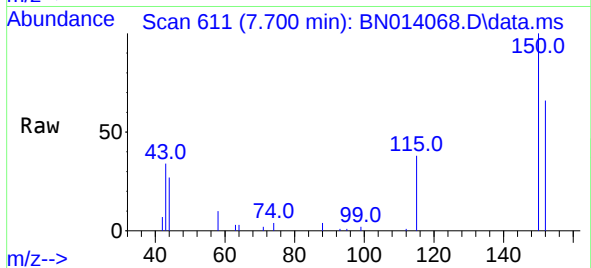




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.700 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

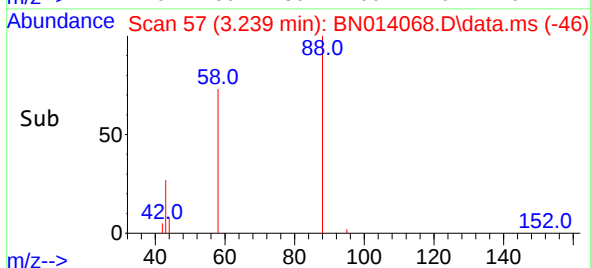
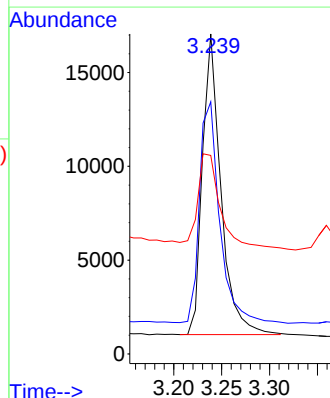
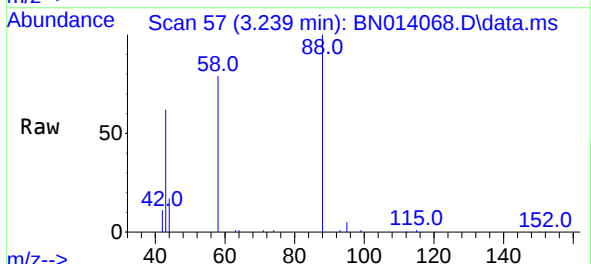
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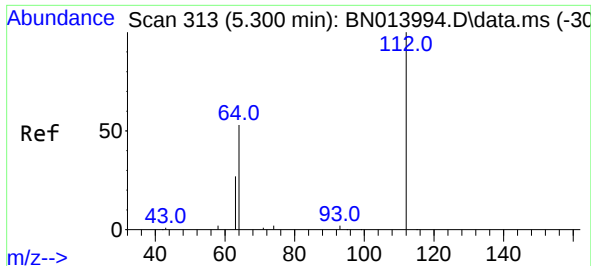
Tgt Ion:152 Resp: 5992  
Ion Ratio Lower Upper  
152 100  
150 152.5 121.8 182.8  
115 57.8 46.6 69.8



#2  
1,4-Dioxane  
Concen: 2.74 ng  
RT: 3.239 min Scan# 57  
Delta R.T. -0.008 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

Tgt Ion: 88 Resp: 21609  
Ion Ratio Lower Upper  
88 100  
58 79.7 64.6 96.8  
43 37.2 26.6 40.0

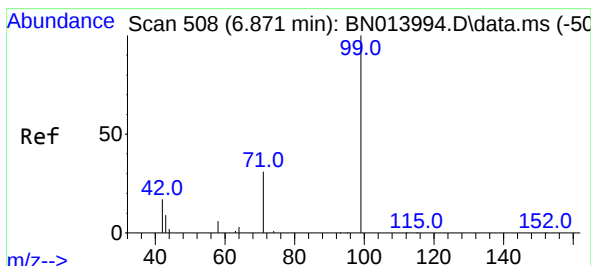
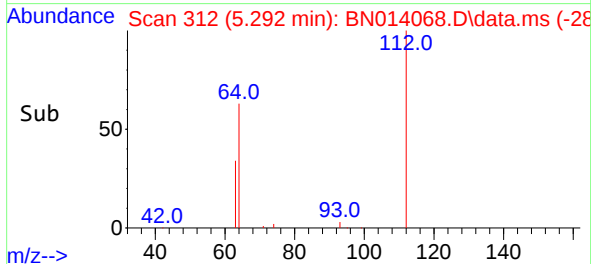
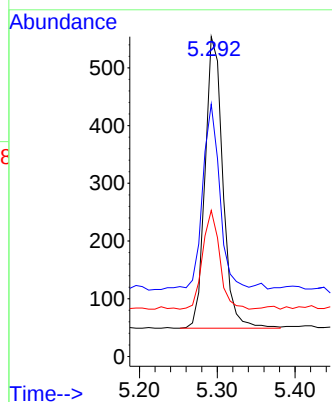
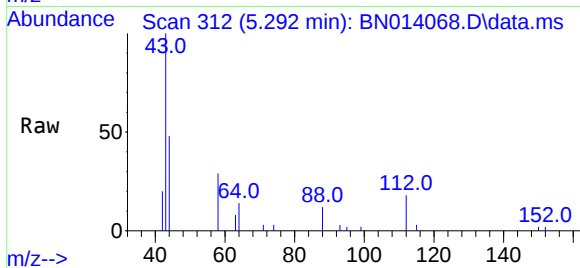




#4  
2-Fluorophenol  
Concen: 0.06 ng  
RT: 5.292 min Scan# 312  
Delta R.T. 0.000 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

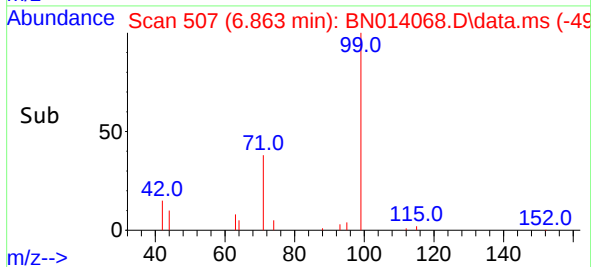
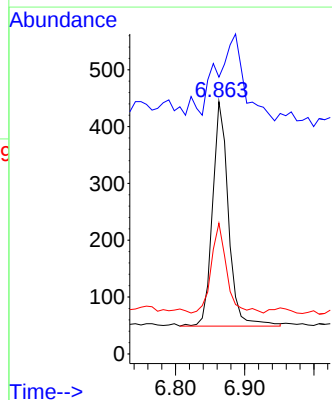
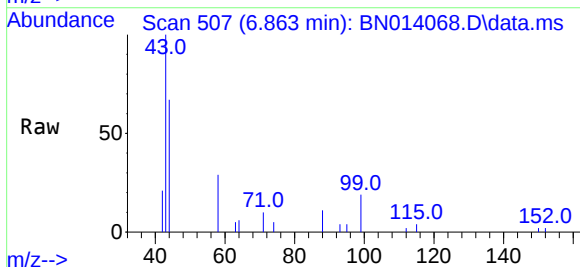
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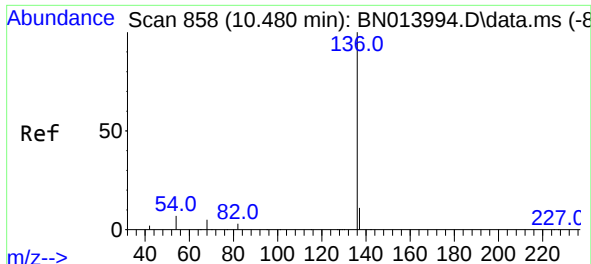
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 803   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 61.8  | 44.3  | 66.5  |
| 63       | 32.5  | 23.0  | 34.6  |



#5  
Phenol-d6  
Concen: 0.04 ng  
RT: 6.863 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 631   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 15.2  | 22.8# |
| 71       | 39.0  | 26.1  | 39.1  |

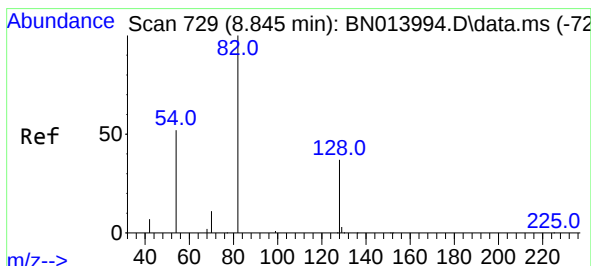
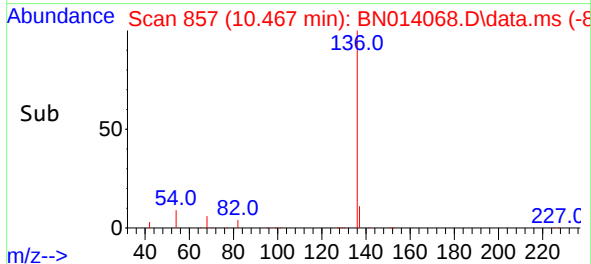
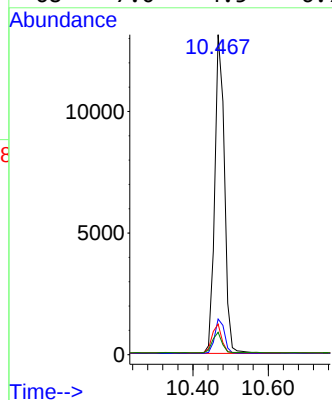
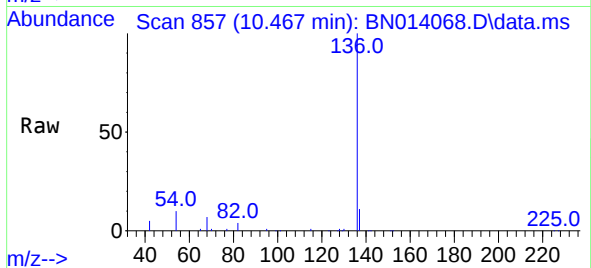




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.467 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

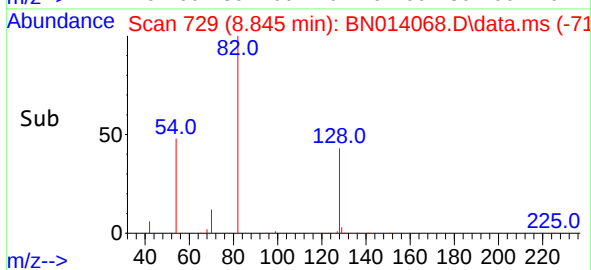
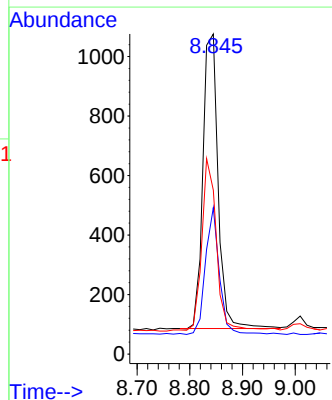
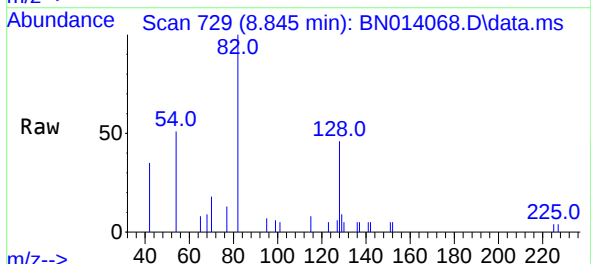
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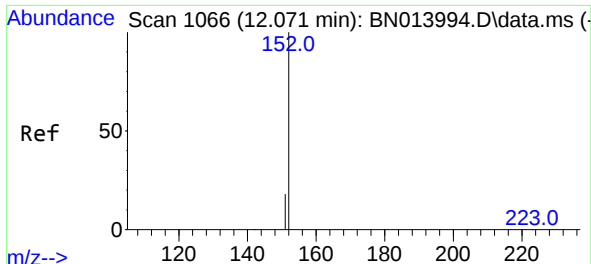
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 23376 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.6  |
| 54        | 9.6   | 6.4   | 9.6   |
| 68        | 7.0   | 4.5   | 6.7   |



#8  
Nitrobenzene-d5  
Concen: 0.13 ng  
RT: 8.845 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1985 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 45.7  | 39.2  | 58.8 |
| 54        | 51.2  | 40.1  | 60.1 |

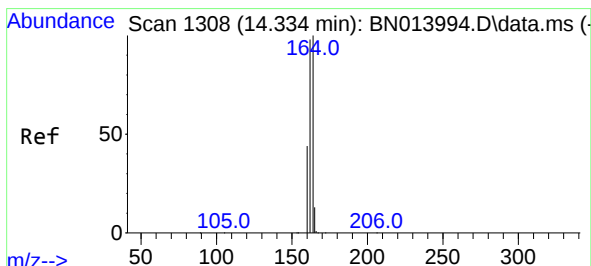
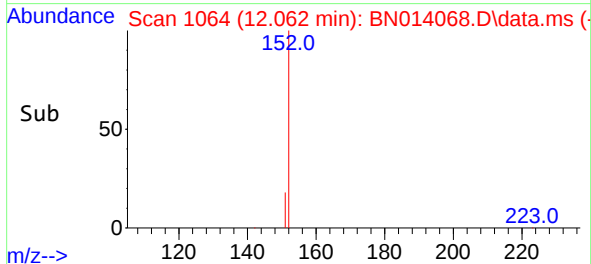
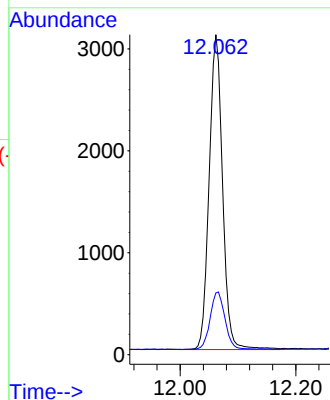
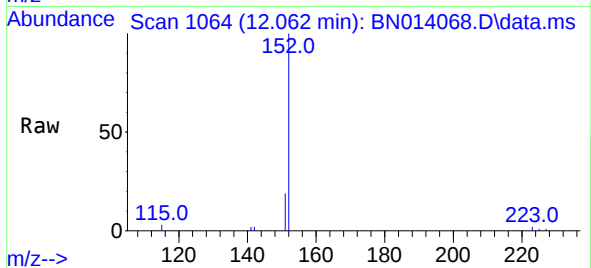




#11  
2-Methylnaphthalene-d10  
Concen: 0.14 ng  
RT: 12.062 min Scan# 1064  
Delta R.T. -0.004 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

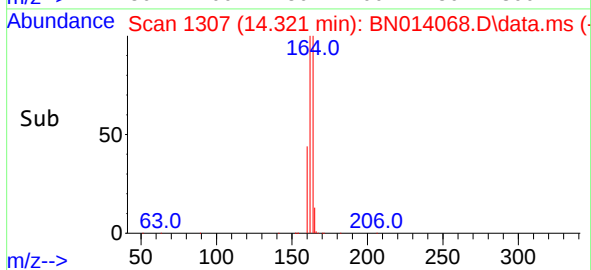
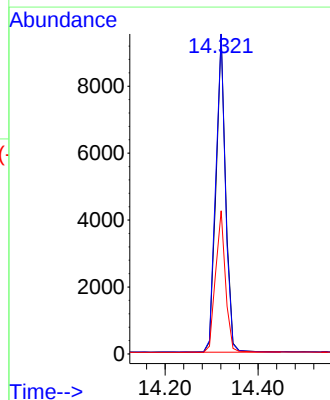
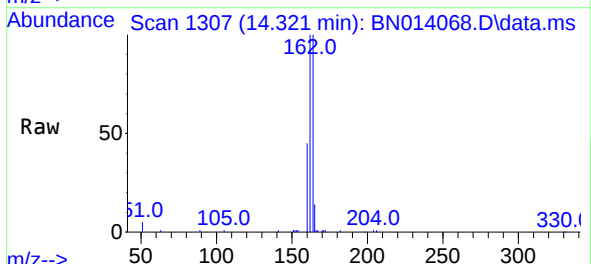
Instrument :  
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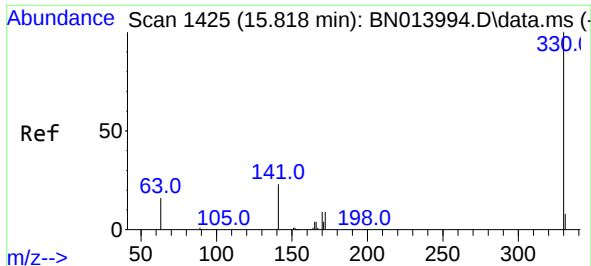
Tgt Ion:152 Resp: 4983  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

Tgt Ion:164 Resp: 13746  
Ion Ratio Lower Upper  
164 100  
162 99.9 79.6 119.4  
160 44.8 36.0 54.0

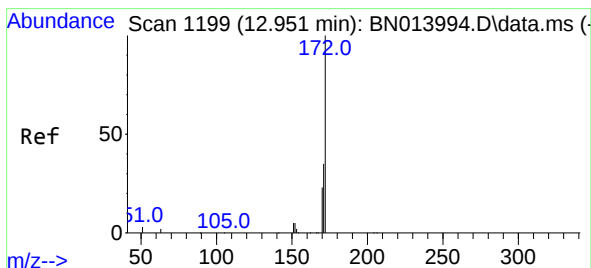
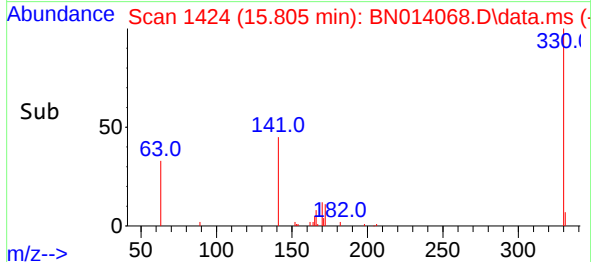
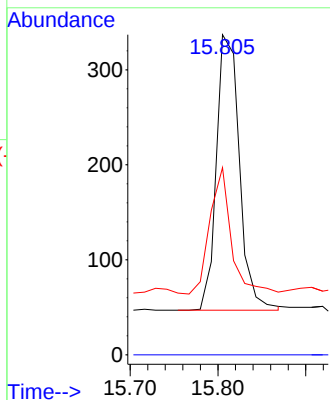
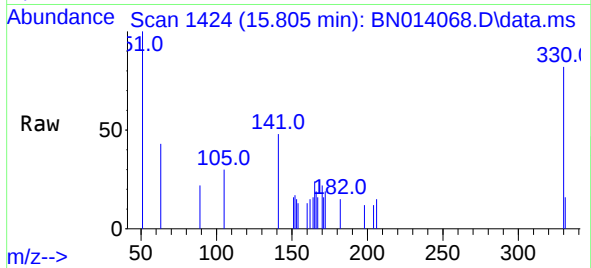




#14  
2,4,6-Tribromophenol  
Concen: 0.12 ng  
RT: 15.805 min Scan# 1424  
Delta R.T. -0.012 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

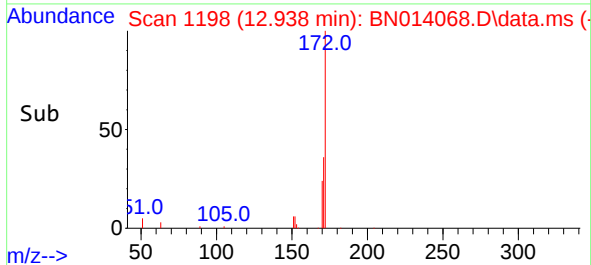
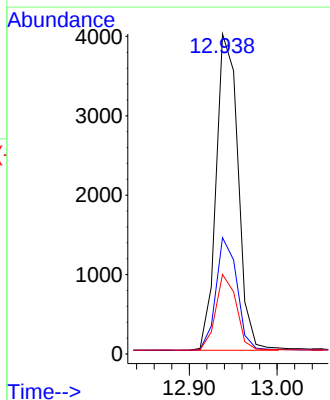
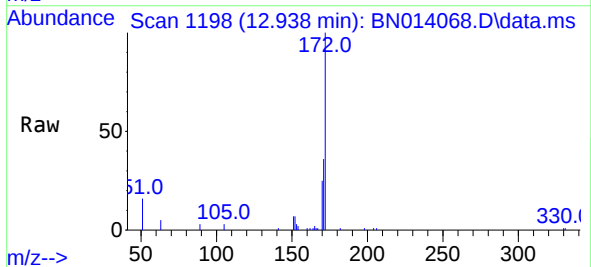
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RE131D2-20210317DL

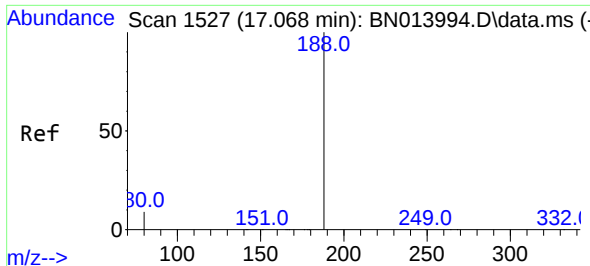
Tgt Ion:330 Resp: 528  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 42.6 26.8 40.2#



#15  
2-Fluorobiphenyl  
Concen: 0.13 ng  
RT: 12.938 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

Tgt Ion:172 Resp: 6910  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.6 42.8  
170 24.9 18.9 28.3

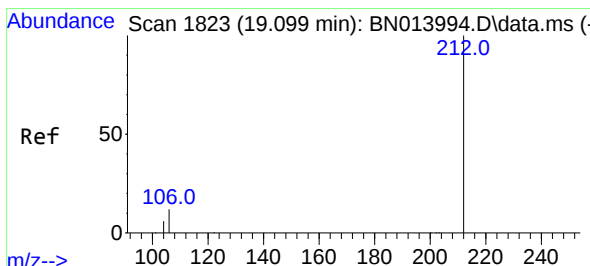
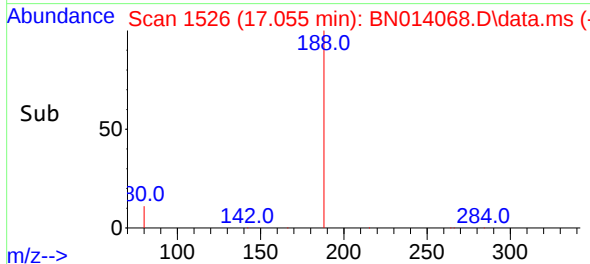
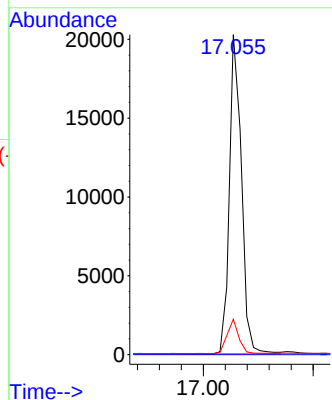
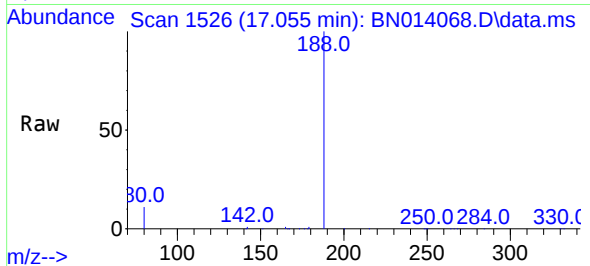




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.055 min Scan# 1526  
Delta R.T. -0.012 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

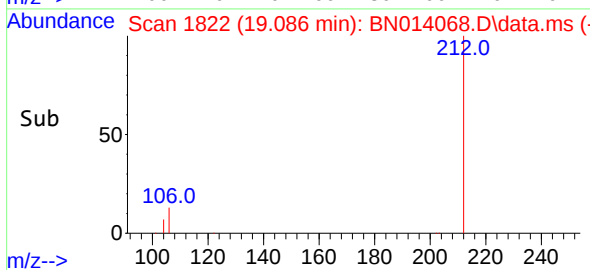
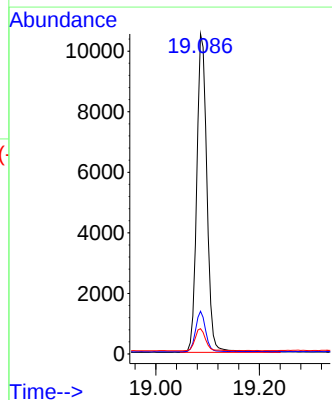
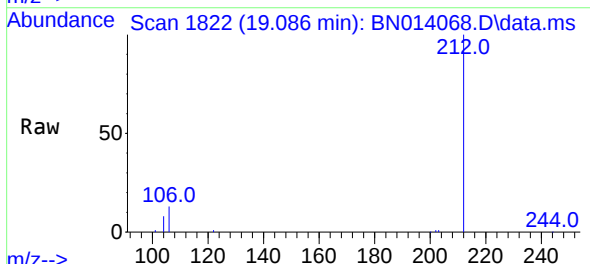
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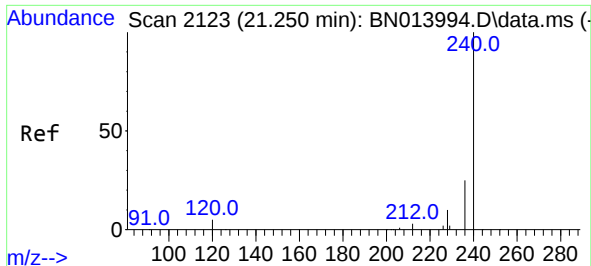
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 30860 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 11.1  | 9.0   |



#27  
Fluoranthene-d10  
Concen: 0.17 ng  
RT: 19.086 min Scan# 1822  
Delta R.T. -0.002 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:212 | Resp: | 14368 |
| Ion Ratio   | Lower | Upper |
| 212         | 100   |       |
| 106         | 12.5  | 9.7   |
| 104         | 7.2   | 5.5   |

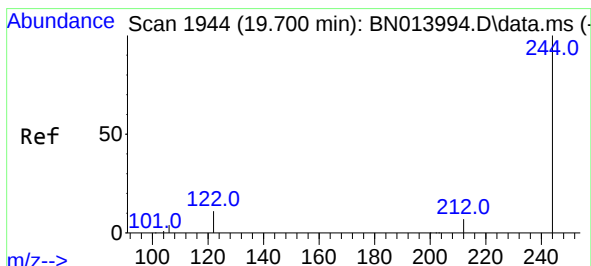
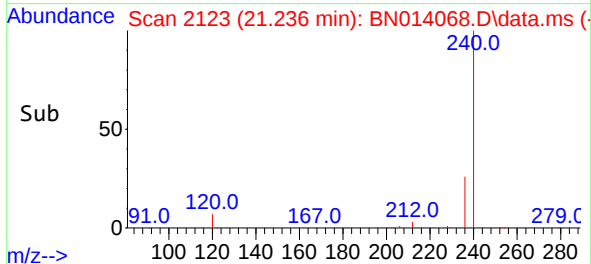
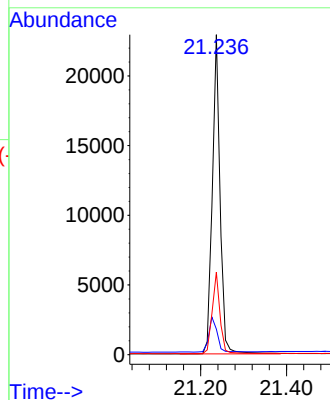
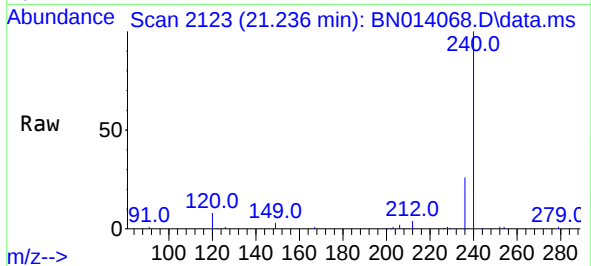




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.236 min Scan# 2123  
Delta R.T. -0.002 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

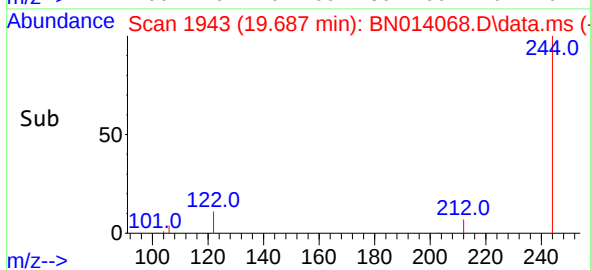
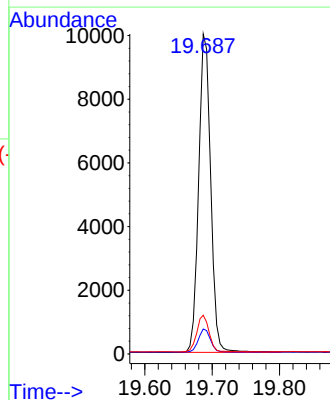
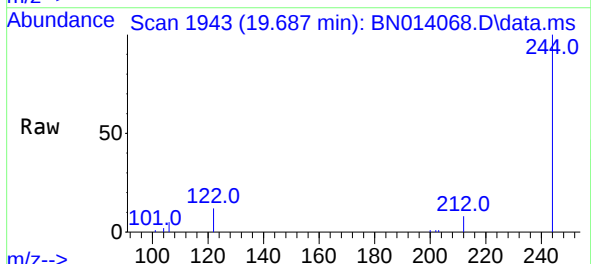
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210317DL

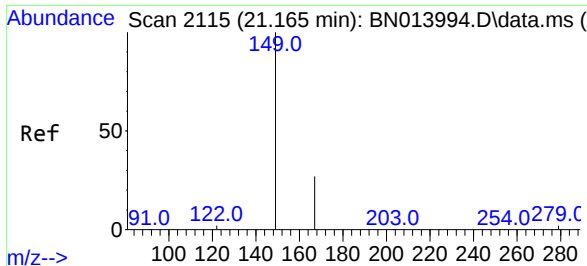
Tgt Ion:240 Resp: 28754  
Ion Ratio Lower Upper  
240 100  
120 8.0 10.2 15.4#  
236 25.8 21.3 31.9



#31  
Terphenyl-d14  
Concen: 0.20 ng  
RT: 19.687 min Scan# 1943  
Delta R.T. -0.002 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

Tgt Ion:244 Resp: 12463  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.1 9.1  
122 12.1 9.8 14.8

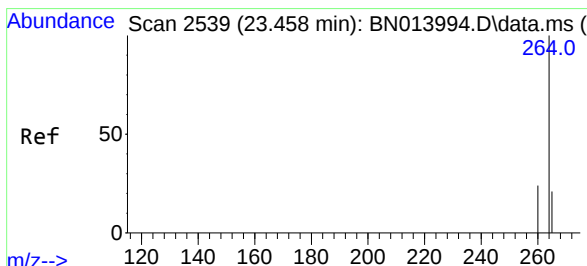
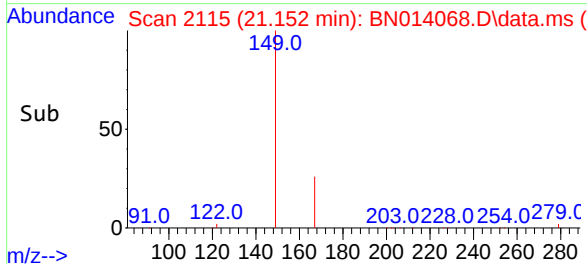
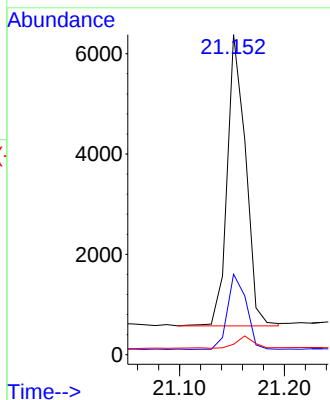
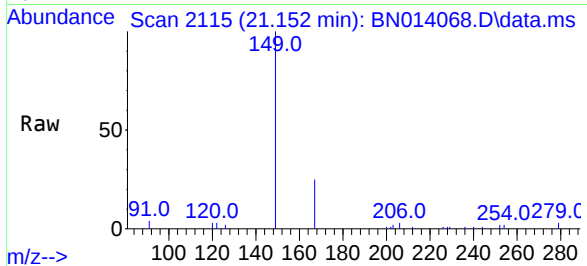




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.23 ng  
RT: 21.152 min Scan# 2115  
Delta R.T. -0.002 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210317DL

Tgt Ion:149 Resp: 7053  
Ion Ratio Lower Upper  
149 100  
167 26.3 22.1 33.1  
279 4.3 3.5 5.3



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.442 min Scan# 2536  
Delta R.T. -0.006 min  
Lab File: BN014068.D  
Acq: 24 Mar 2021 11:04

Tgt Ion:264 Resp: 27611  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.3 28.9  
265 32.0 66.2 99.4#

