

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093020\  
 Data File : BN012030.D  
 Acq On : 30 Sep 2020 17:25  
 Operator : CG/JU  
 Sample : PB131967BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 30 17:55:42 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 30 16:28:17 2020  
 Response via : Initial Calibration

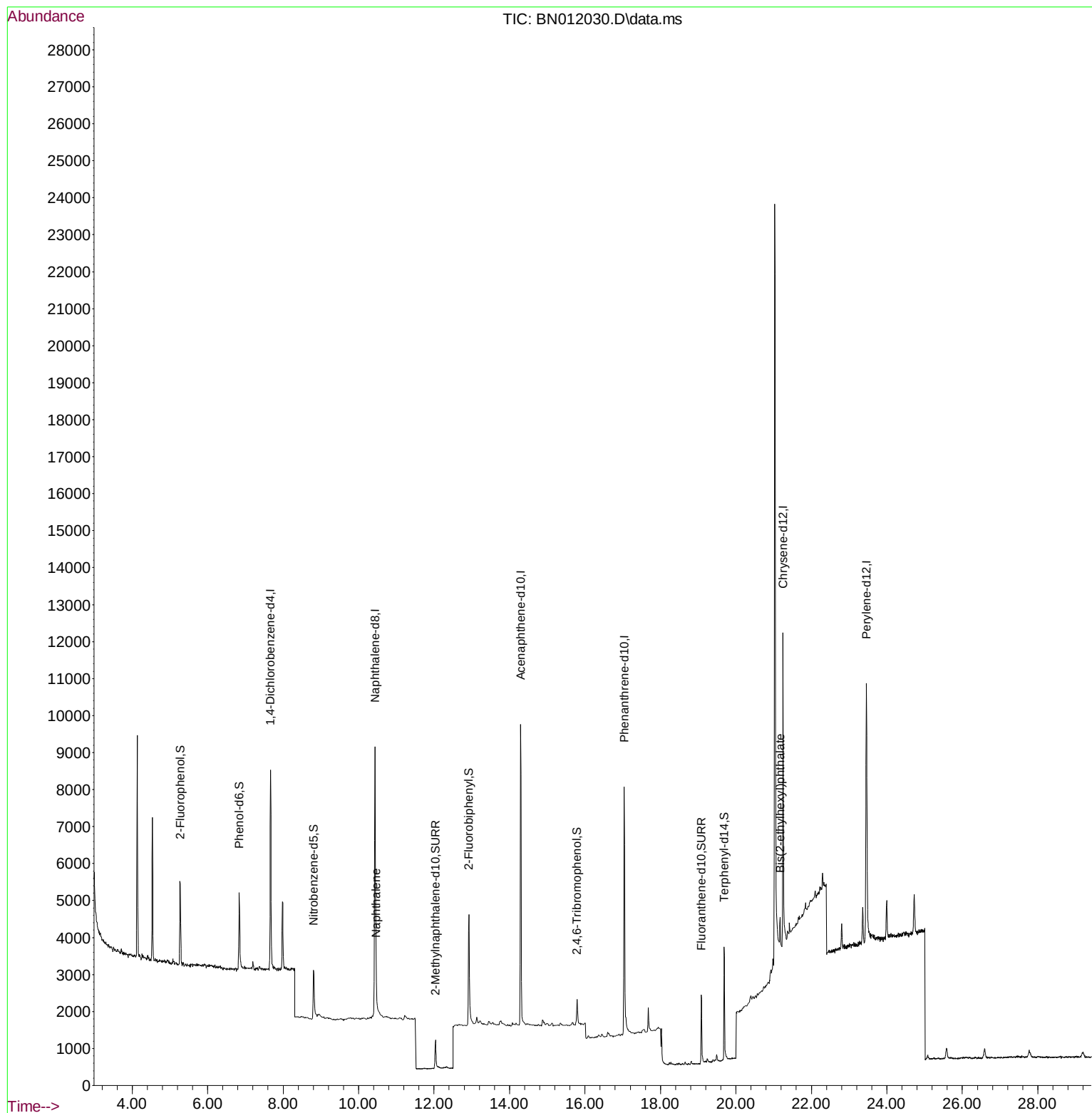
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.667  | 152  | 2547     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.440 | 136  | 10238    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.293 | 164  | 5333     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.041 | 188  | 10369    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.248 | 240  | 9387     | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.460 | 264  | 10678    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.275  | 112  | 1673     | 0.19 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.837  | 99   | 1913     | 0.17 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.805  | 82   | 1512     | 0.14 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.033 | 152  | 1262     | 0.08 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 472      | 0.18 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.923 | 172  | 2680     | 0.13 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.082 | 212  | 2350     | 0.08 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.688 | 244  | 3465     | 0.16 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 9) Naphthalene                | 10.466 | 128  | 761      | 0.03 | ng    | # 48     |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149  | 1203     | 0.06 | ng    | # 83     |
| -----                         |        |      |          |      |       |          |

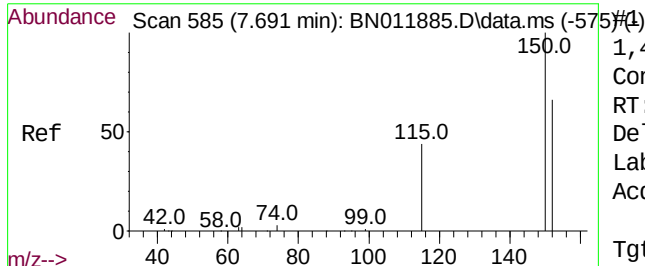
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093020\  
Data File : BN012030.D  
Acq On : 30 Sep 2020 17:25  
Operator : CG/JU  
Sample : PB131967BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Sep 30 17:55:42 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 30 16:28:17 2020  
Response via : Initial Calibration

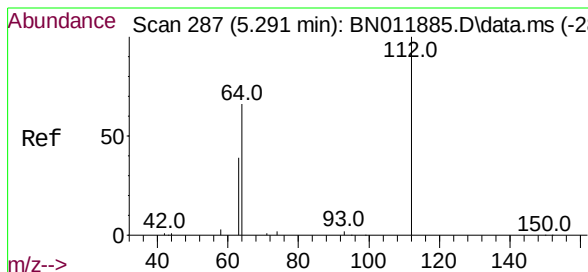
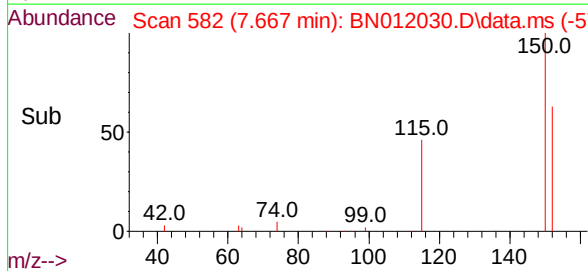
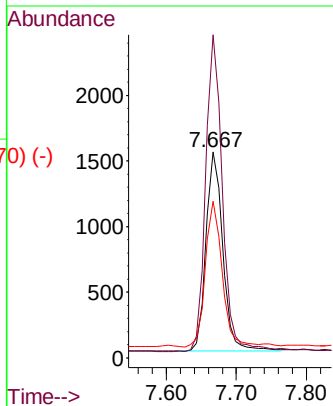
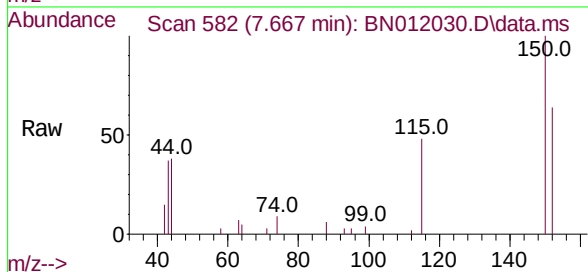




1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.667 min Scan# 582  
Delta R.T. -0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

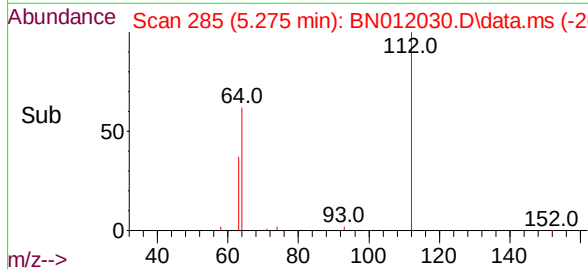
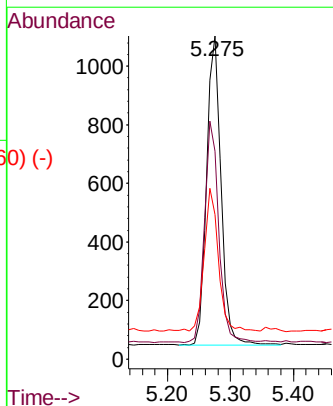
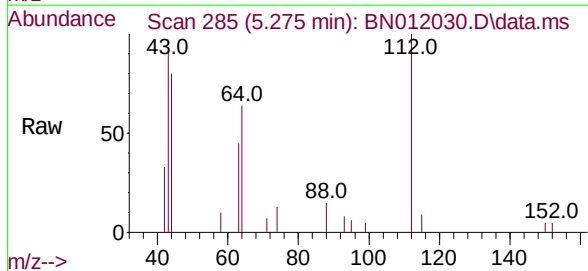
Instrument :  
BNA\_N  
ClientSampled :

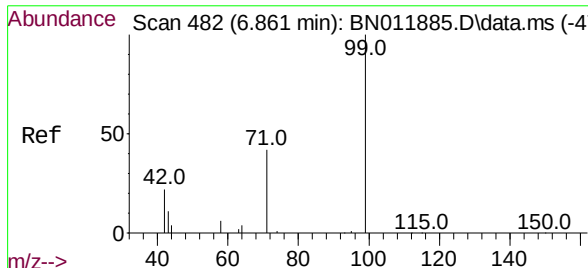
Tgt Ion:152 Resp: 2547  
Ion Ratio Lower Upper  
152 100  
150 157.1 118.3 177.5  
115 76.1 51.3 76.9



2-Fluorophenol  
Concen: 0.19 ng  
RT: 5.275 min Scan# 285  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

Tgt Ion:112 Resp: 1673  
Ion Ratio Lower Upper  
112 100  
64 70.4 49.0 73.6  
63 44.8 31.8 47.6

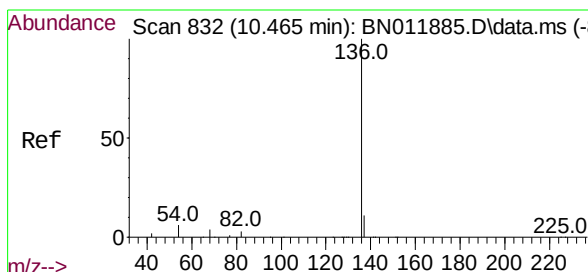
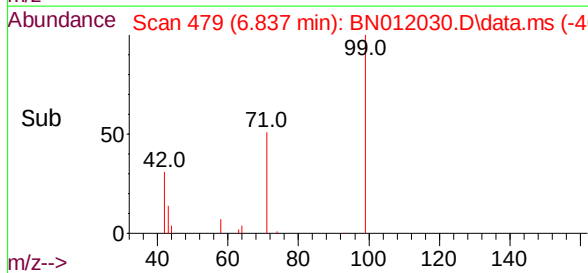
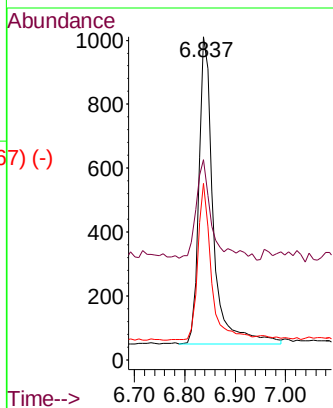
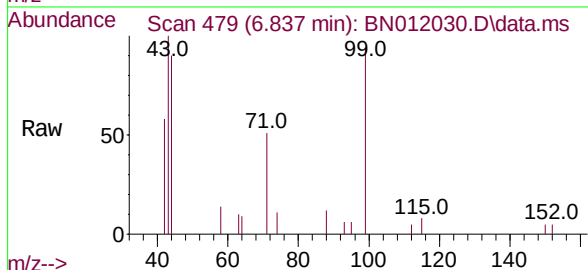




Phenol-d6  
 Concen: 0.17 ng  
 RT: 6.837 min Scan# 479  
 Delta R.T. 0.000 min  
 Lab File: BN012030.D  
 Acq: 30 Sep 2020 17:25

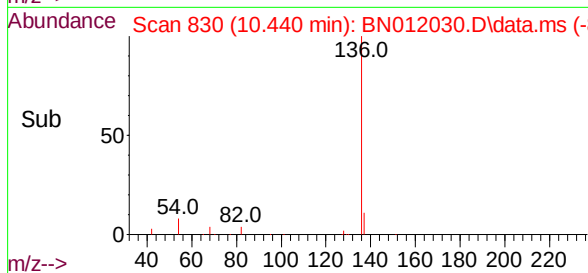
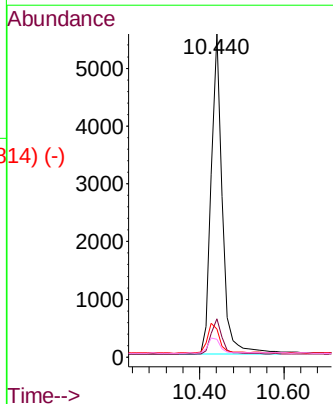
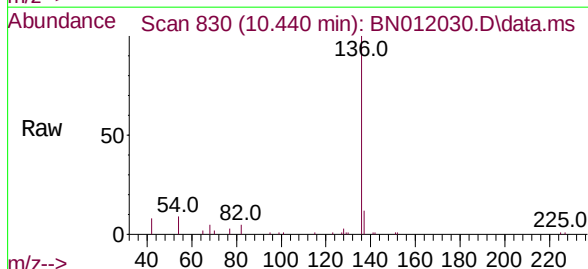
Instrument :  
 BNA\_N  
 ClientSampleId :

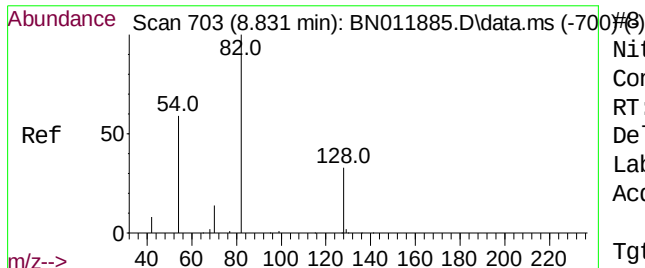
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1913  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 36.4  | 23.4  | 35.0# |
| 71       | 46.9  | 38.1  | 57.1  |



Naphthalene-d8  
 Concen: 0.40 ng  
 RT: 10.440 min Scan# 830  
 Delta R.T. 0.000 min  
 Lab File: BN012030.D  
 Acq: 30 Sep 2020 17:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10238 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 9.5   | 14.3  |
| 54       | 8.8   | 5.6   | 8.4#  |
| 68       | 5.4   | 3.2   | 4.8#  |

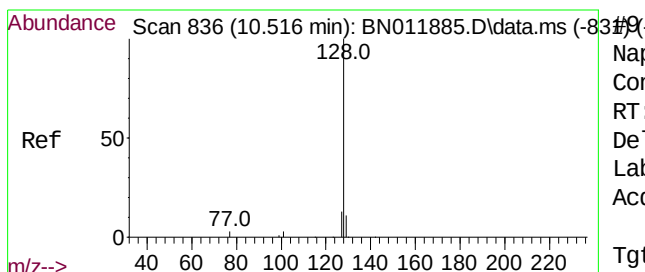
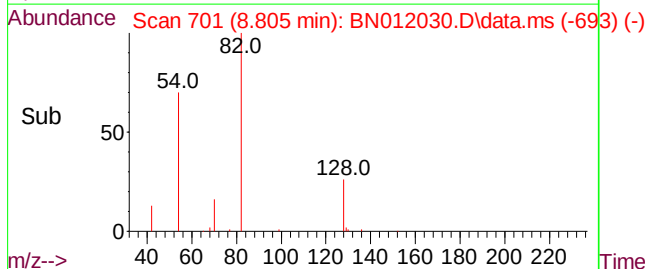
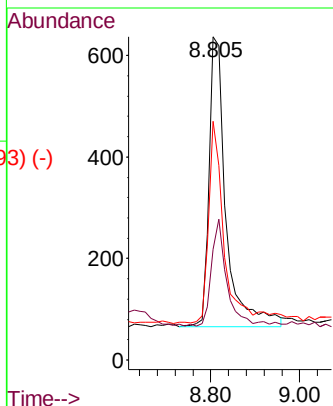
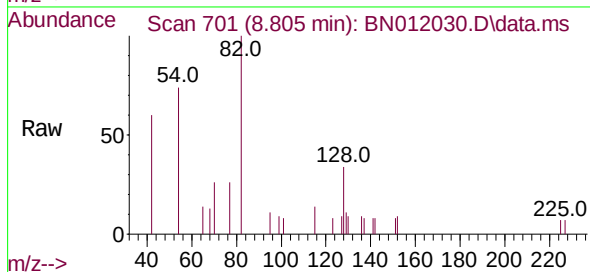




Nitrobenzene-d5  
 Concen: 0.14 ng  
 RT: 8.805 min Scan# 701  
 Delta R.T. 0.000 min  
 Lab File: BN012030.D  
 Acq: 30 Sep 2020 17:25

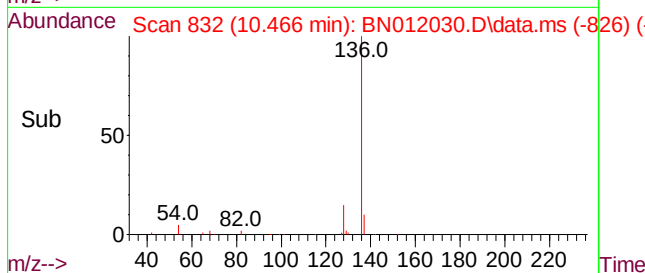
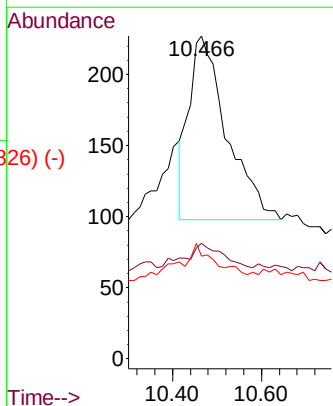
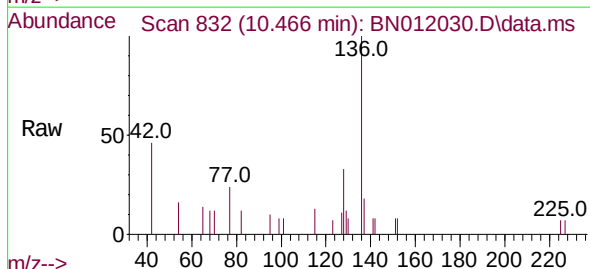
Instrument :  
 BNA\_N  
 ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1512  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.2  | 34.2  | 51.2  |
| 54       | 73.9  | 43.1  | 64.7# |



Naphthalene  
 Concen: 0.03 ng  
 RT: 10.466 min Scan# 832  
 Delta R.T. -0.025 min  
 Lab File: BN012030.D  
 Acq: 30 Sep 2020 17:25

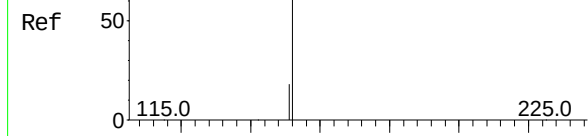
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 761   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 35.7  | 9.7   | 14.5# |
| 127      | 31.7  | 11.0  | 16.4# |



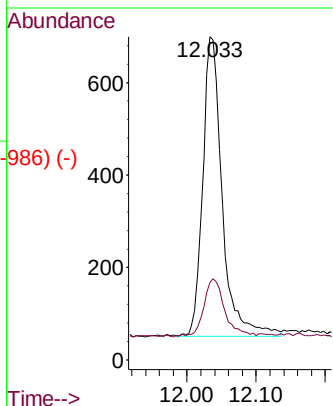
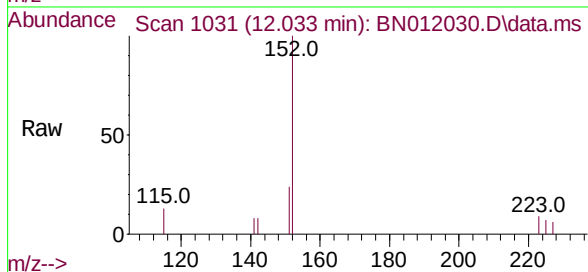
Abundance Scan 1036 (12.055 min): BN011885.D\data.ms (-1025) (-)

2-Methylnaphthalene-d10  
Concen: 0.08 ng  
RT: 12.033 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

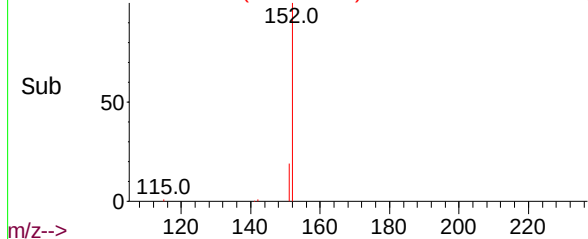
Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:152 Resp: 1262  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.7 25.1

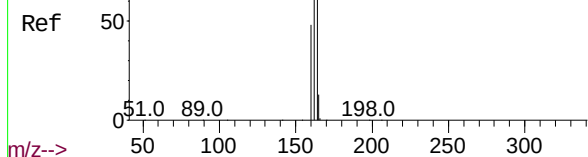


Abundance Scan 1031 (12.033 min): BN012030.D\data.ms (-986) (-)

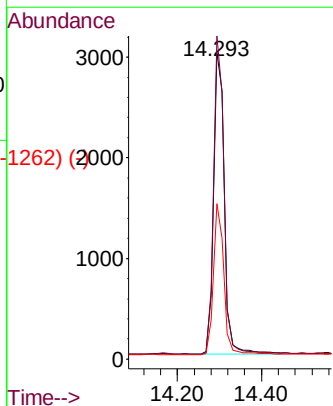
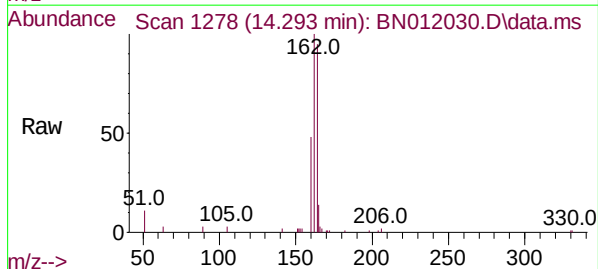


Abundance Scan 1280 (14.319 min): BN011885.D\data.ms (-1215) (-)

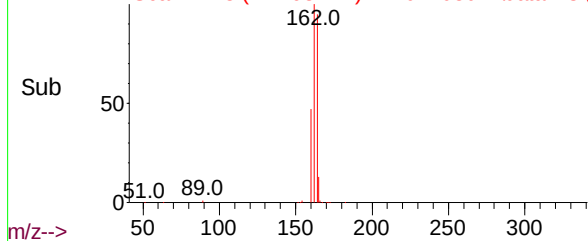
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.293 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25



Tgt Ion:164 Resp: 5333  
Ion Ratio Lower Upper  
164 100  
162 105.5 83.6 125.4  
160 50.7 41.2 61.8



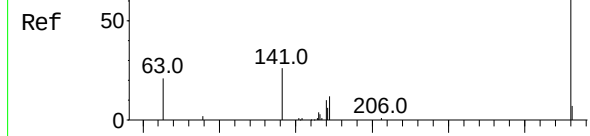
Abundance Scan 1278 (14.293 min): BN012030.D\data.ms (-1262) (-)



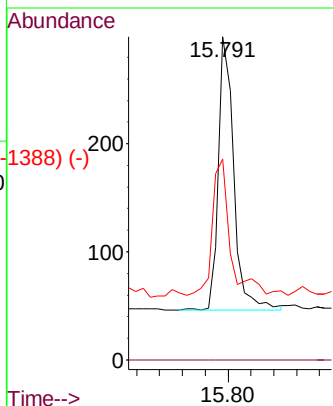
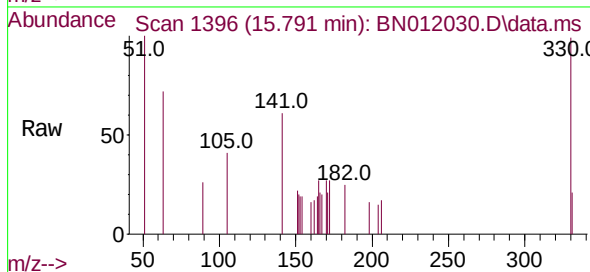
Abundance Scan 1398 (15.816 min): BN011885.D\data.ms (-1388) (-)

2,4,6-Tribromophenol  
Concen: 0.18 ng  
RT: 15.791 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

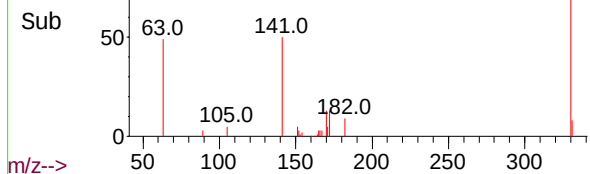
Instrument :  
BNA\_N  
ClientSampled :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 472   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 0.0   | 0.0   | 0.0   |
| 141      | 56.8  | 33.7  | 50.5# |



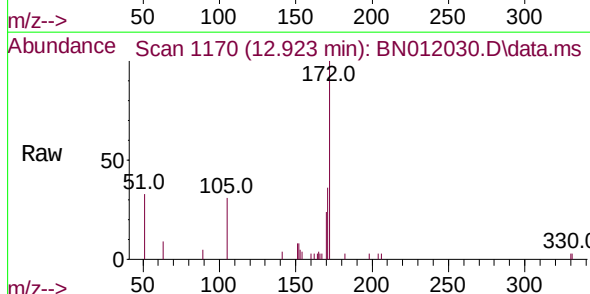
Abundance Scan 1396 (15.791 min): BN012030.D\data.ms (-1388) (-)



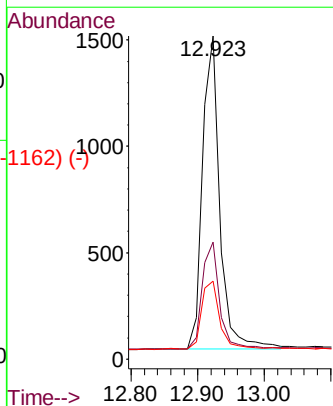
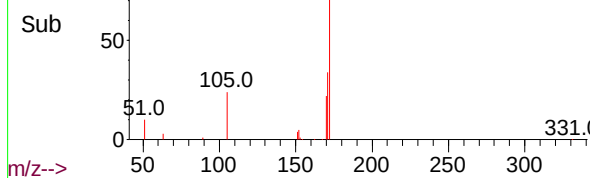
Abundance Scan 1171 (12.936 min): BN011885.D\data.ms (-1165) (-)

2-Fluorobiphenyl  
Concen: 0.13 ng  
RT: 12.923 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

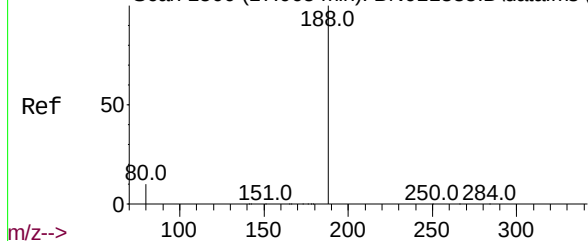
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 2680  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.2  | 27.4  | 41.2  |
| 170      | 24.2  | 17.8  | 26.6  |



Abundance Scan 1170 (12.923 min): BN012030.D\data.ms (-1162) (-)



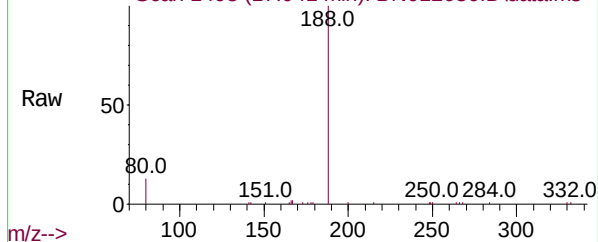
Abundance Scan 1500 (17.065 min): BN011885.D\data.ms (-1419) (-)



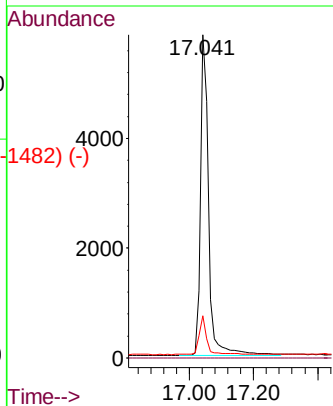
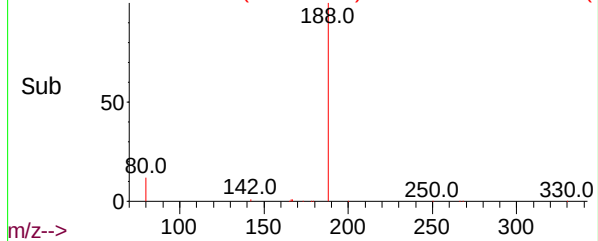
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.041 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 10369 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 13.1  | 7.7   | 11.5# |

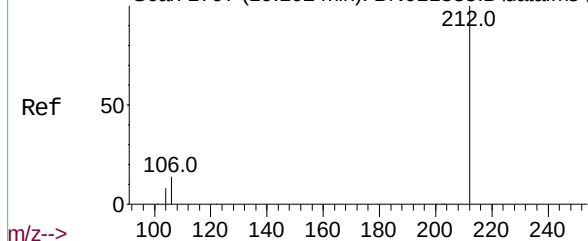
Abundance Scan 1498 (17.041 min): BN012030.D\data.ms



Abundance Scan 1498 (17.041 min): BN012030.D\data.ms (-1482) (-)



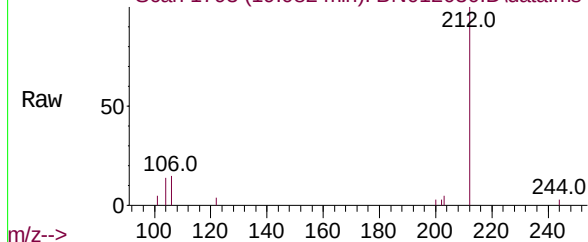
Abundance Scan 1797 (19.102 min): BN011885.D\data.ms (-1727) (-)



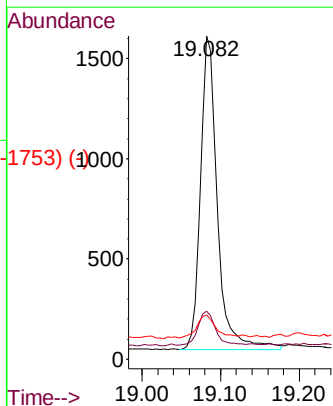
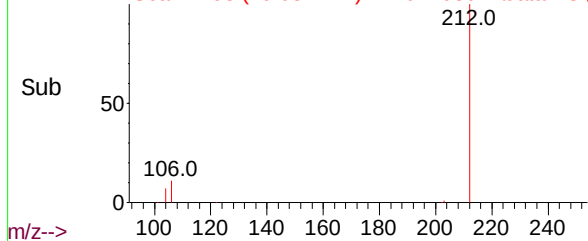
Fluoranthene-d10  
Concen: 0.08 ng  
RT: 19.082 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 212   | Resp: | 2350 |
| Ion Ratio | Lower | Upper |      |
| 212       | 100   |       |      |
| 106       | 11.1  | 6.4   | 9.6# |
| 104       | 8.4   | 3.9   | 5.9# |

Abundance Scan 1793 (19.082 min): BN012030.D\data.ms



Abundance Scan 1793 (19.082 min): BN012030.D\data.ms (-1753) (-)

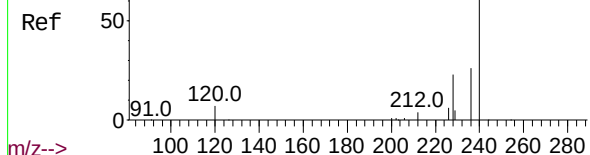




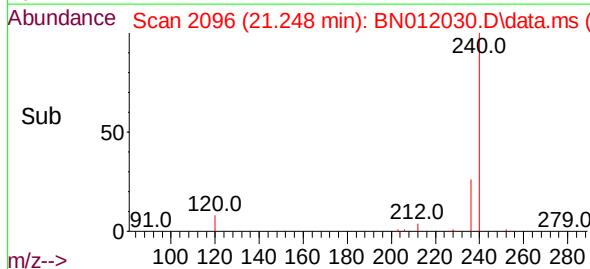
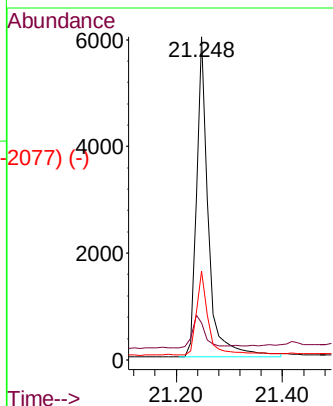
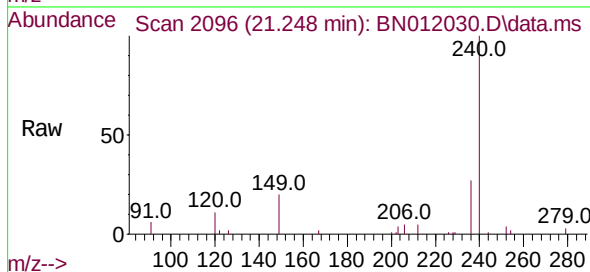
Abundance Scan 2098 (21.269 min): BN011885.D\data.ms (-2029) (-)

Chrysene-d12  
Concen: 0.40 ng  
RT: 21.248 min Scan# 2096  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

Instrument :  
BNA\_N  
ClientSampleId :

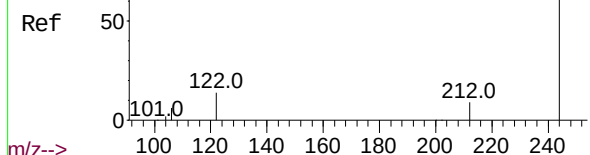


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 9387  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 11.5  | 3.5   | 5.3#  |
| 236      | 27.5  | 20.5  | 30.7  |

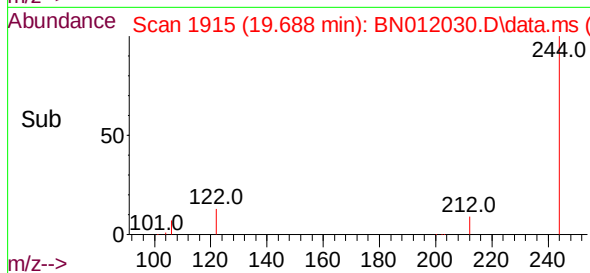
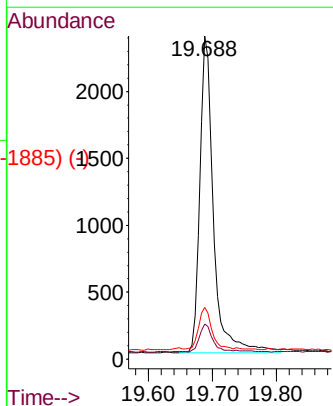
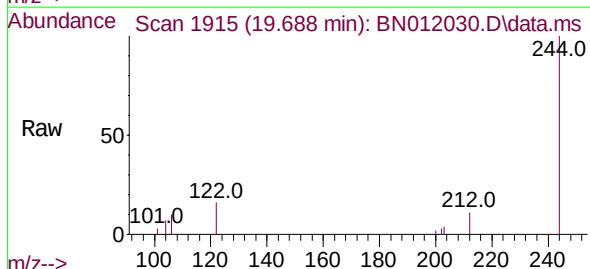


Abundance Scan 1919 (19.707 min): BN011885.D\data.ms (-1931) (-)

Terphenyl-d14  
Concen: 0.16 ng  
RT: 19.688 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25



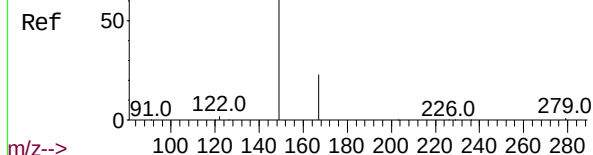
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 3465  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 10.9  | 7.3   | 10.9  |
| 122      | 16.0  | 7.8   | 11.6# |



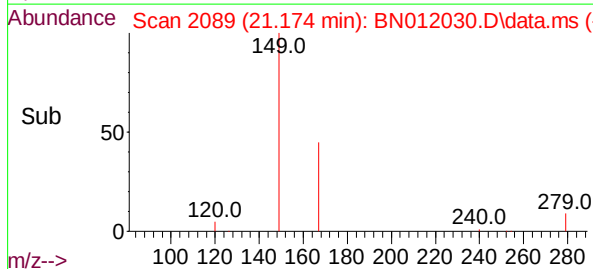
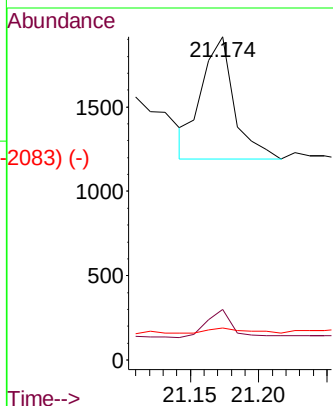
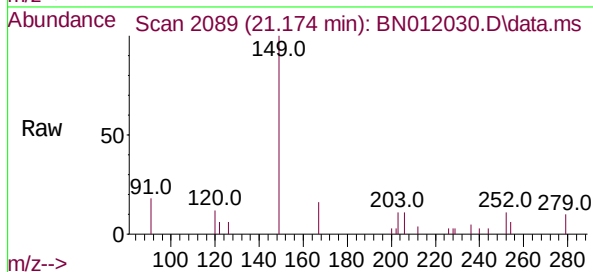
Abundance Scan 2090 (21.184 min): BN011885.D\data.ms (-2089) (-)

Bis(2-ethylhexyl)phthalate  
Concen: 0.06 ng  
RT: 21.174 min Scan# 2089  
Delta R.T. 0.011 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25

Instrument :  
BNA\_N  
ClientSampleId :

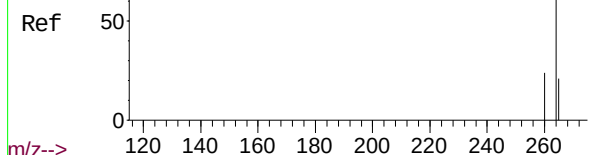


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 1203  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 19.0  | 23.6  | 35.4# |
| 279      | 4.9   | 4.0   | 6.0   |



Abundance Scan 2521 (23.487 min): BN011885.D\data.ms (-2513) (-)

Perylene-d12  
Concen: 0.40 ng  
RT: 23.460 min Scan# 2513  
Delta R.T. 0.004 min  
Lab File: BN012030.D  
Acq: 30 Sep 2020 17:25



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 10678 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 24.4  | 19.6  | 29.4  |
| 265      | 63.4  | 38.6  | 58.0# |

