Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010315.D
Acq On : 20 Mar 2020 22:43
Operator : CG/JU
Sample : PB127771BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :**

Quant Time: Mar 21 00:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 4314 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.38 | 136 | 14714 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.24 | 164 | 8256 | 0.40 | ng | -0.01 |
| 19) Phenanthrene-d10 | 16.99 | 188 | 19031 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.19 | 240 | 19539 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.36 | 264 | 18803 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.25 | 112 | 2775 | 0.32 | ng | 0.00 |
| 5) Phenol-d6 | 6.80 | 99 | 3410 | 0.32 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.74 | 82 | 4837 | 0.51 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152 | 6213 | 0.26 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.73 | 330 | 772 | 0.24 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.86 | 172 | 17633 | 0.56 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.02 | 212 | 15140 | 0.26 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.63 | 244 | 19624 | 0.46 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

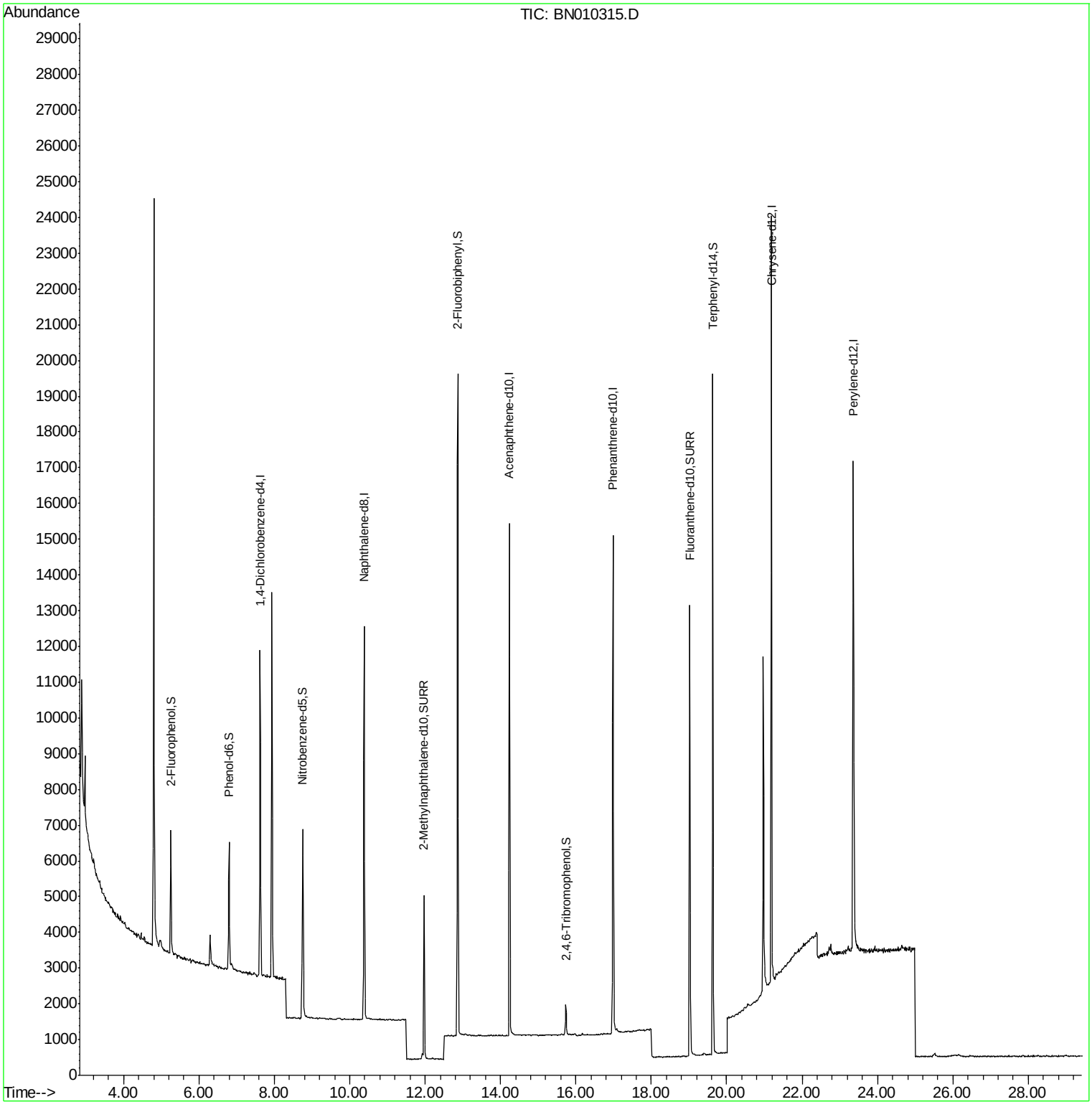
(#) = qualifier out of range (m) = manual integration (+) = signals summed

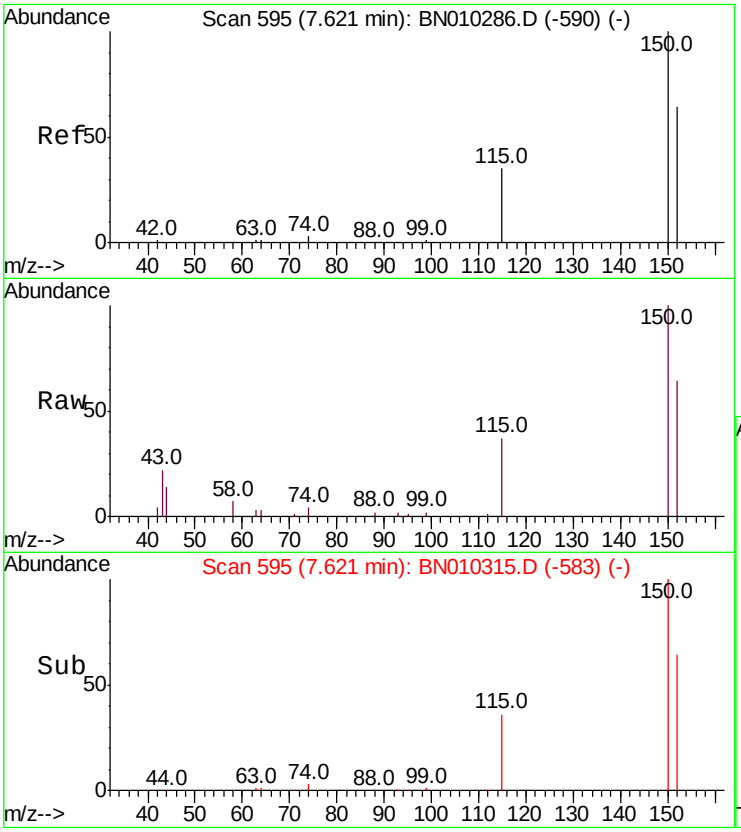
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010315.D
Acq On : 20 Mar 2020 22:43
Operator : CG/JU
Sample : PB127771BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**

Quant Time: Mar 21 00:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration



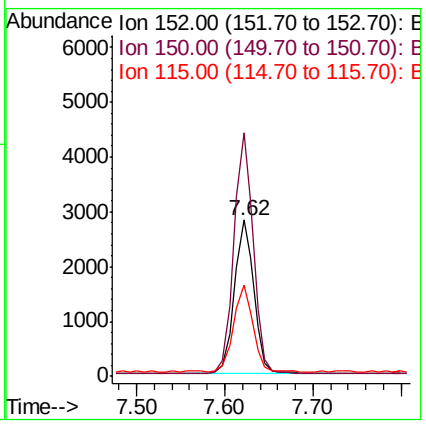


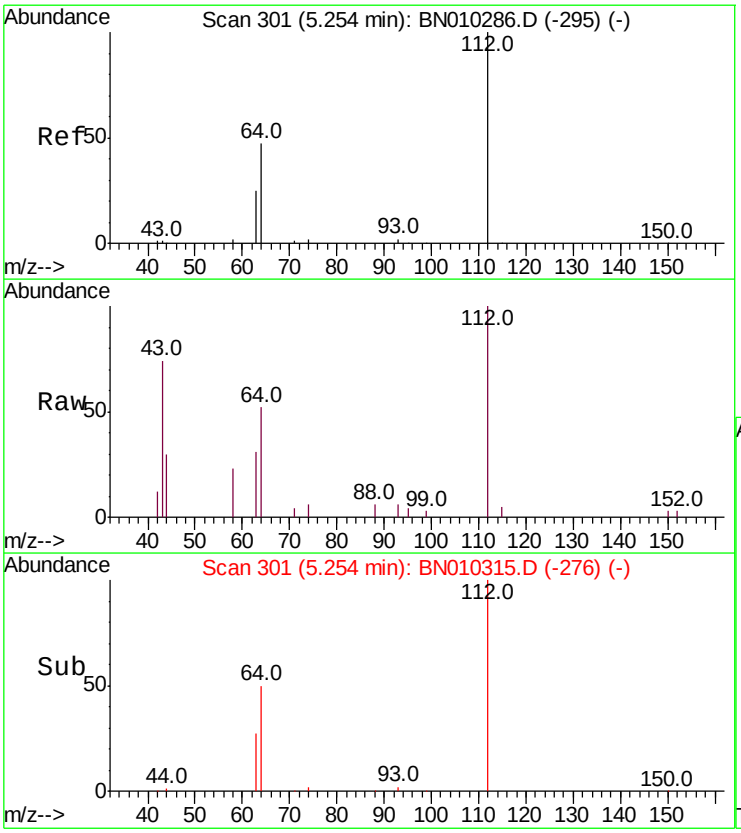

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:152 Resp: 4314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.1 | 123.1 | 184.7 |
| 115 | 58.5 | 45.2 | 67.8 |

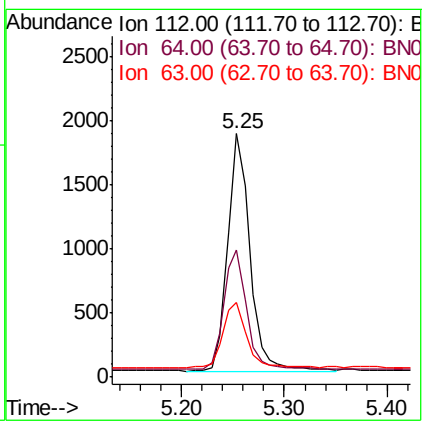


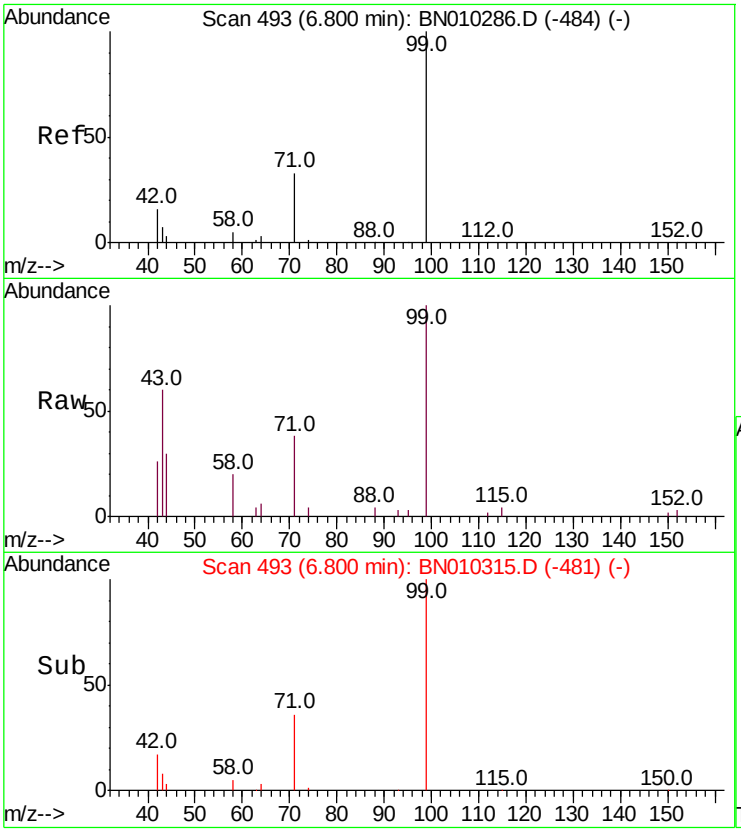




#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:112 Resp: 2775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.5 | 41.4 | 62.2 |
| 63 | 30.1 | 22.9 | 34.3 |



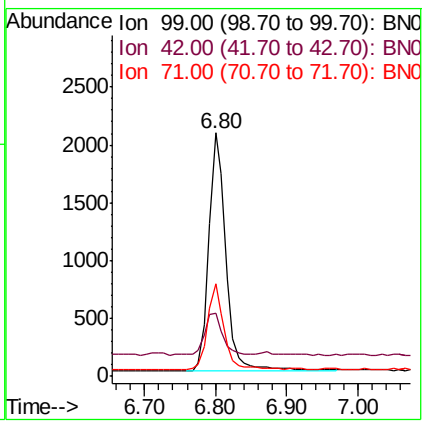


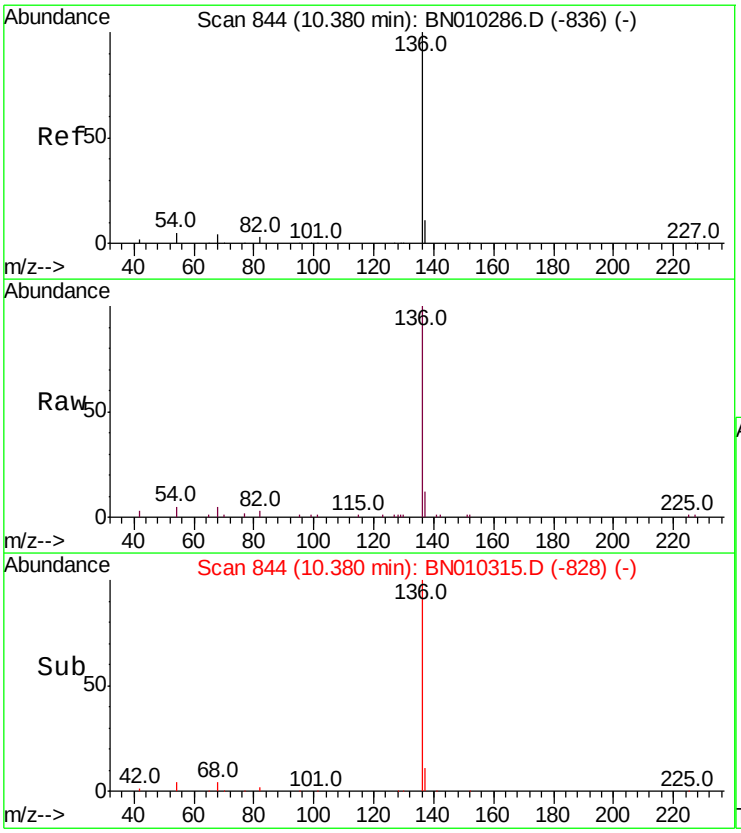

#5
Phenol-d6
Concen: 0.321 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion: 99 Resp: 3410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 14.8 | 22.2 |
| 71 | 34.6 | 27.3 | 40.9 |

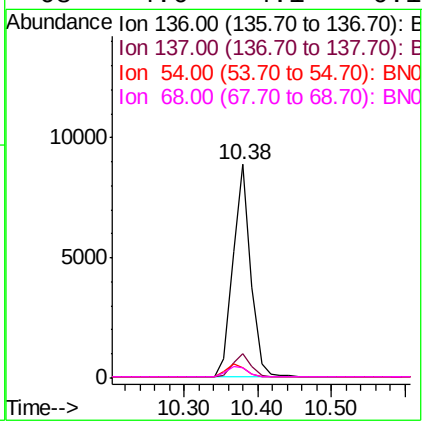


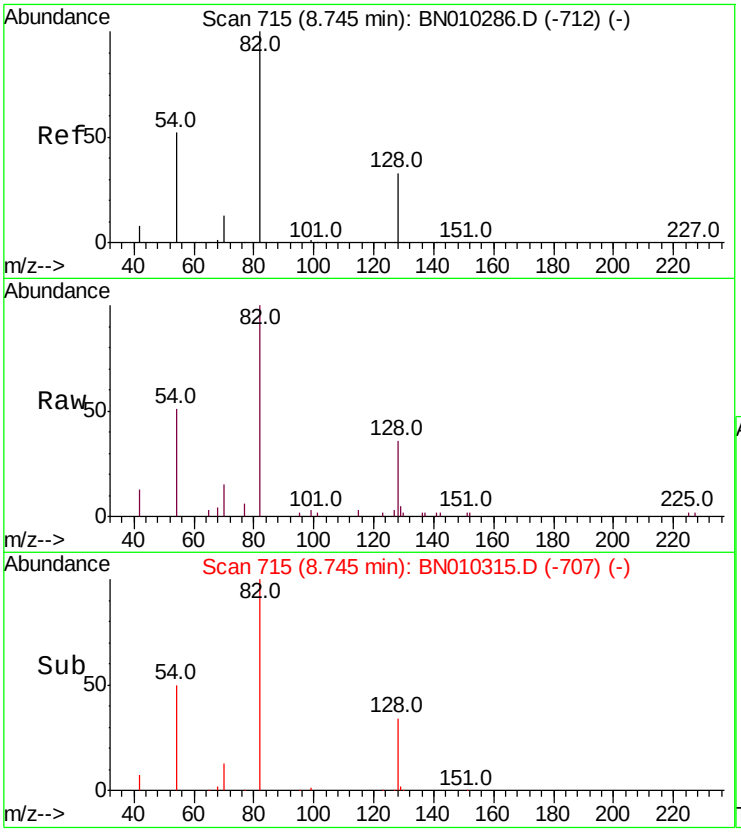




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:136 Resp: 14714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.3 | 13.9 |
| 54 | 5.0 | 4.8 | 7.2 |
| 68 | 4.6 | 4.1 | 6.1 |



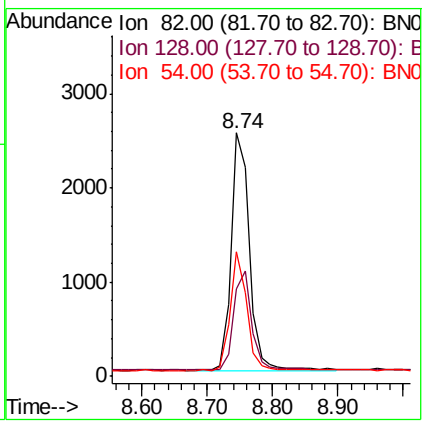


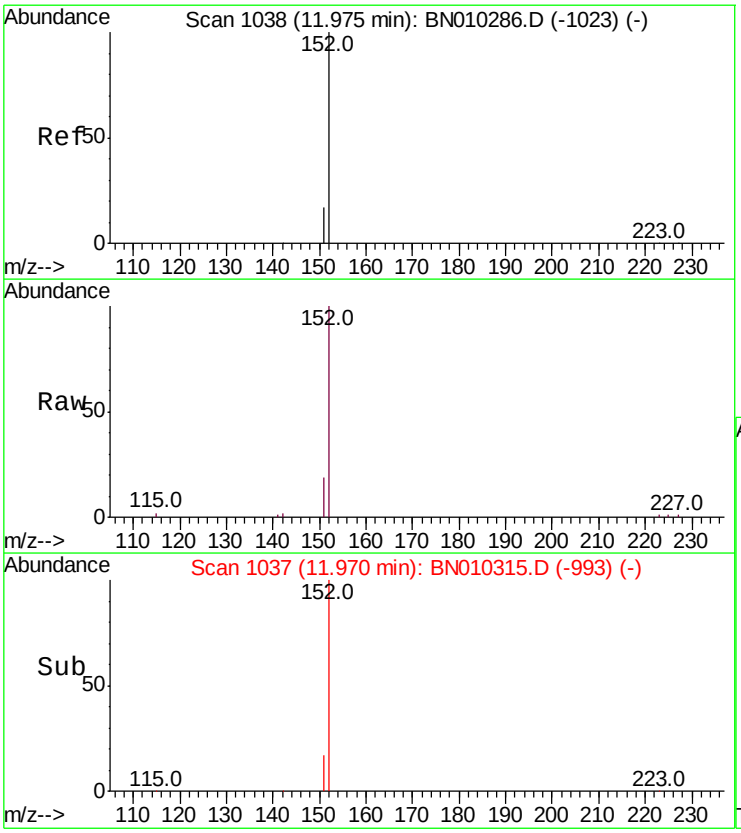

#8
Nitrobenzene-d5
Concen: 0.513 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion: 82 Resp: 4837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.0 | 28.8 | 43.2 |
| 54 | 51.1 | 42.1 | 63.1 |

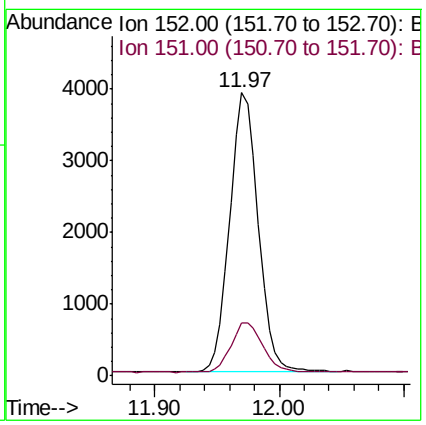


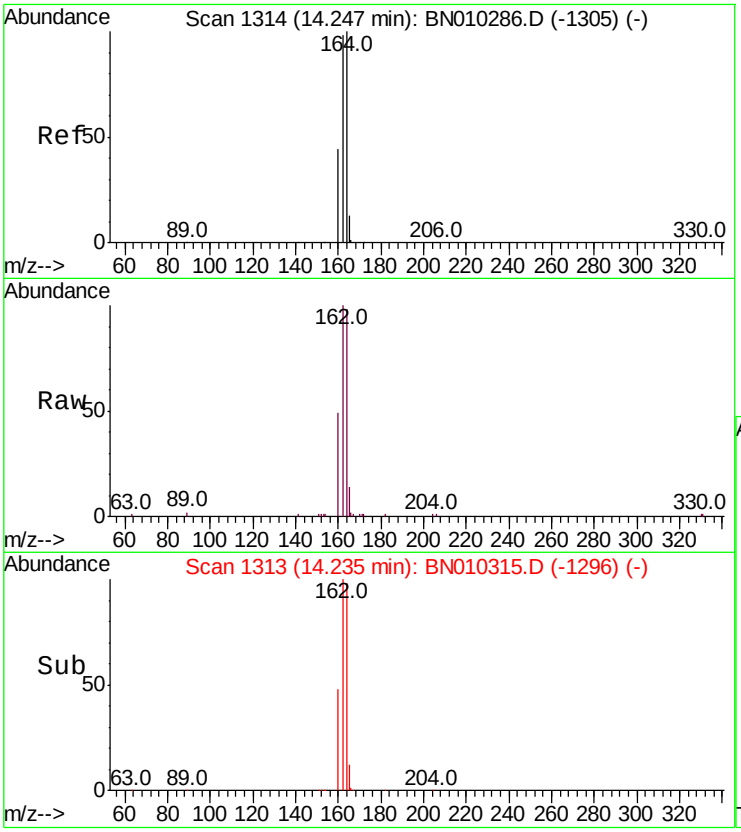




#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:152 Resp: 6213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.4 | 23.2 |



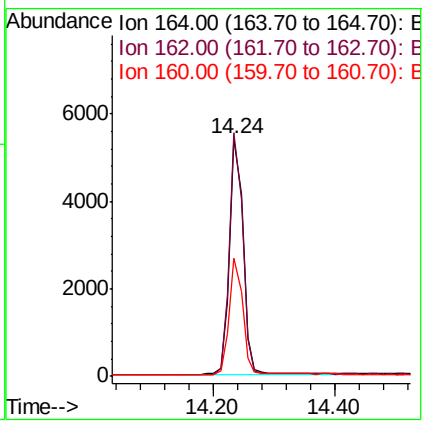


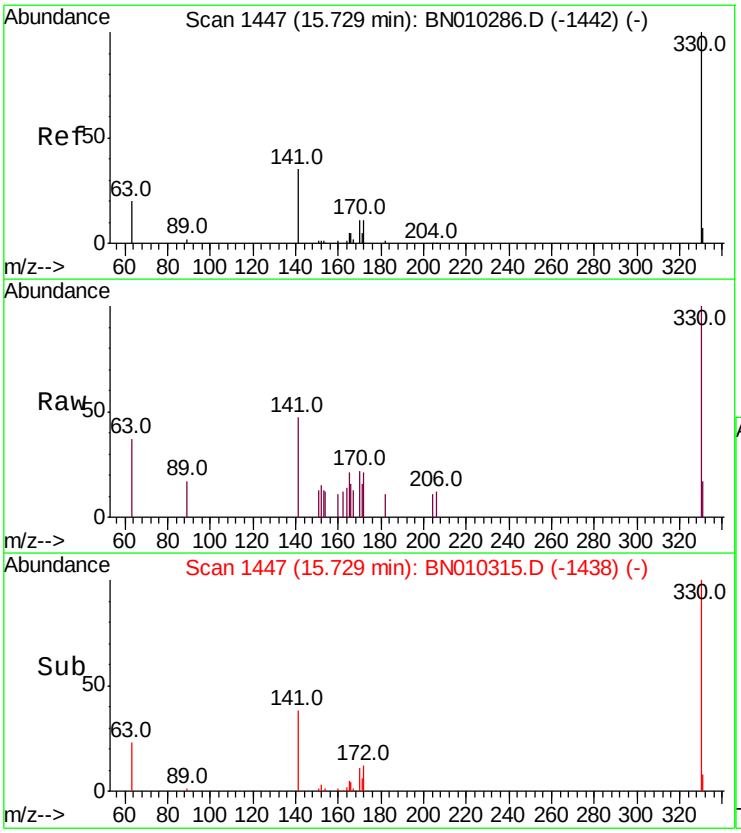

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:164 Resp: 8256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 78.2 | 117.2 |
| 160 | 50.0 | 35.8 | 53.6 |

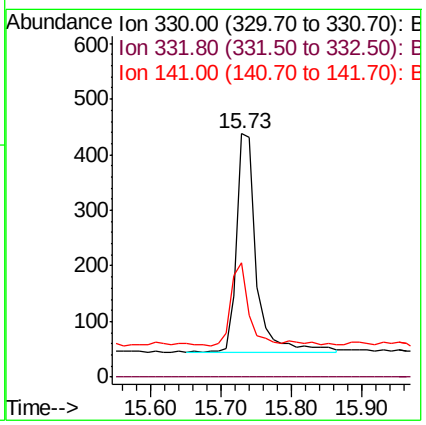


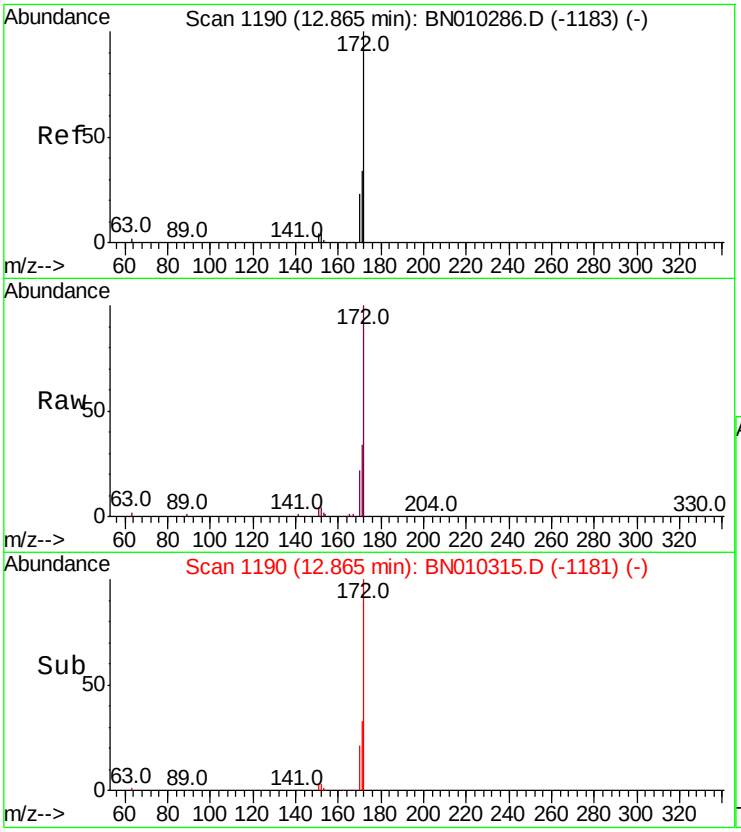




#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:330 Resp: 772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 34.1 | 29.3 | 43.9 |



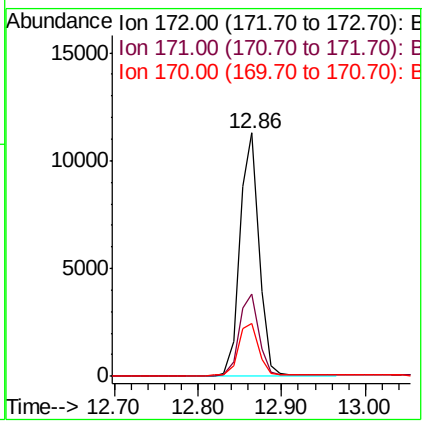


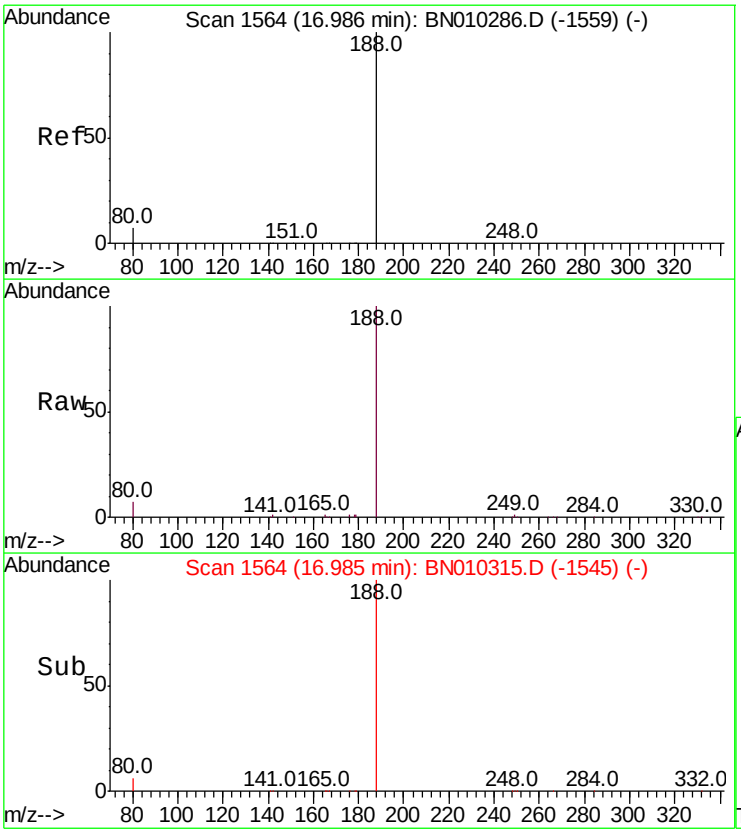

#15
2-Fluorobiphenyl
Concen: 0.558 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:172 Resp: 17633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.6 | 27.6 | 41.4 |
| 170 | 21.7 | 18.5 | 27.7 |

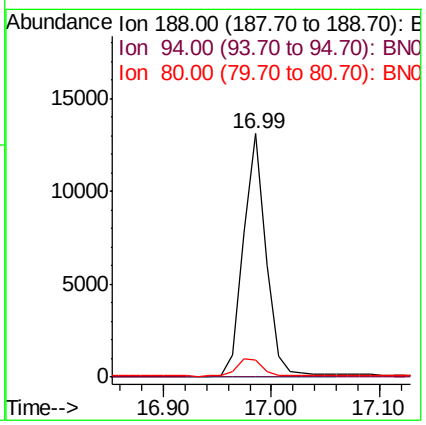


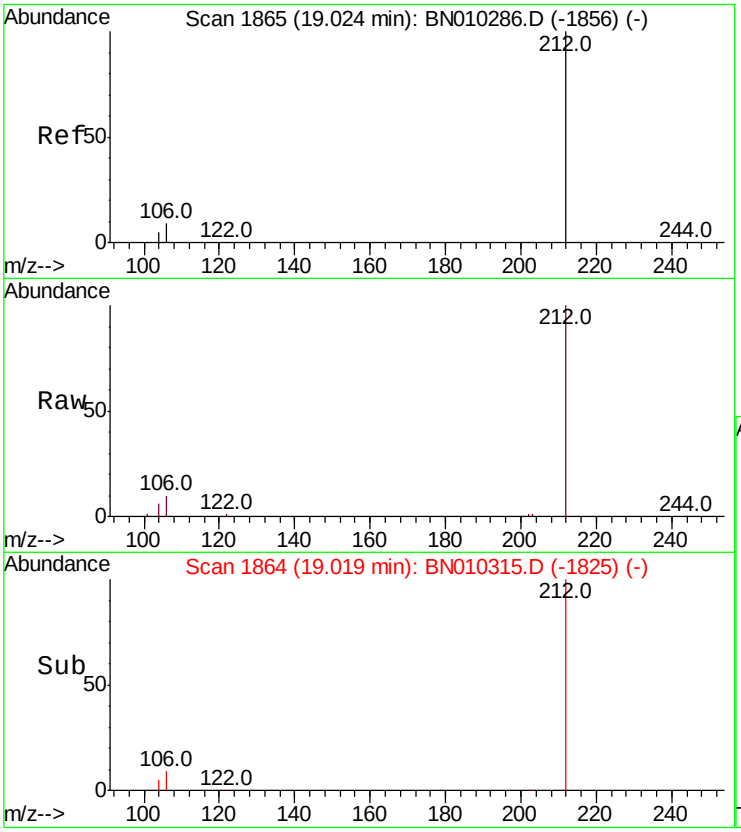




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:188 Resp: 19031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.9 | 6.0 | 9.0 |



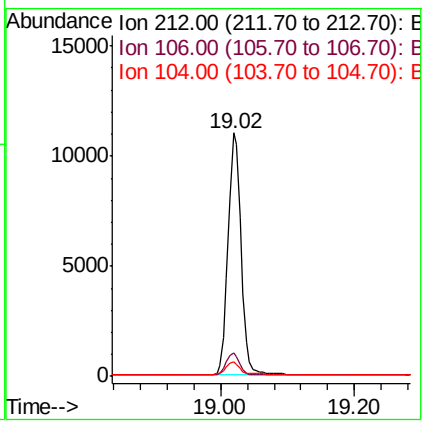


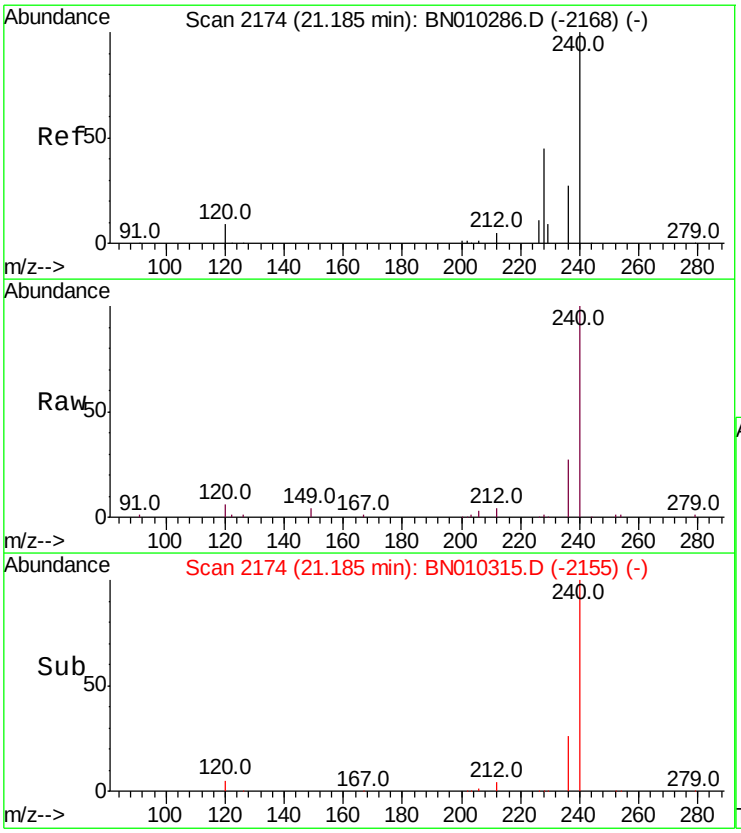

#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:212 Resp: 15140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 9.0 | 7.4 | 11.2 |
| 104 | 5.2 | 4.2 | 6.4 |

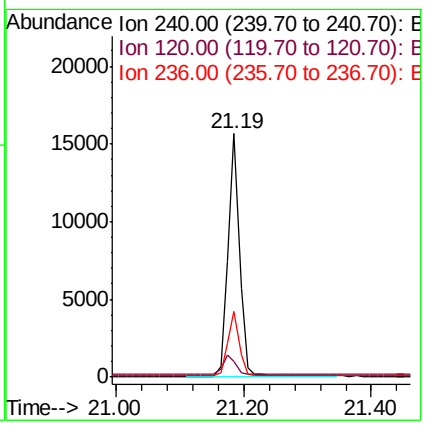


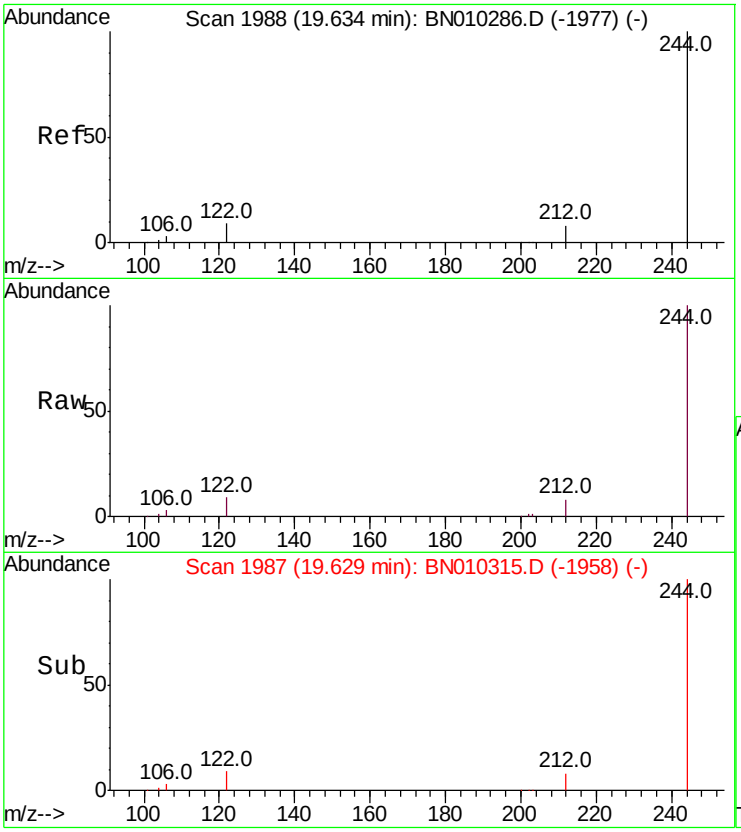




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:240 Resp: 19539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.2 | 7.9 | 11.9# |
| 236 | 26.9 | 22.2 | 33.4 |



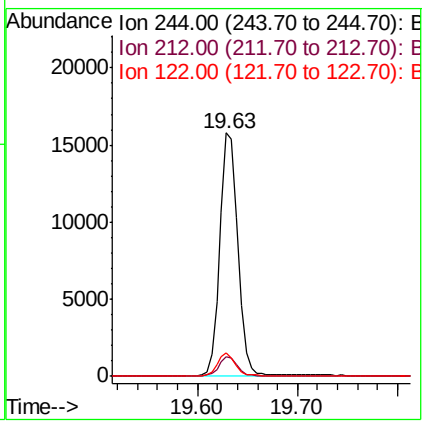


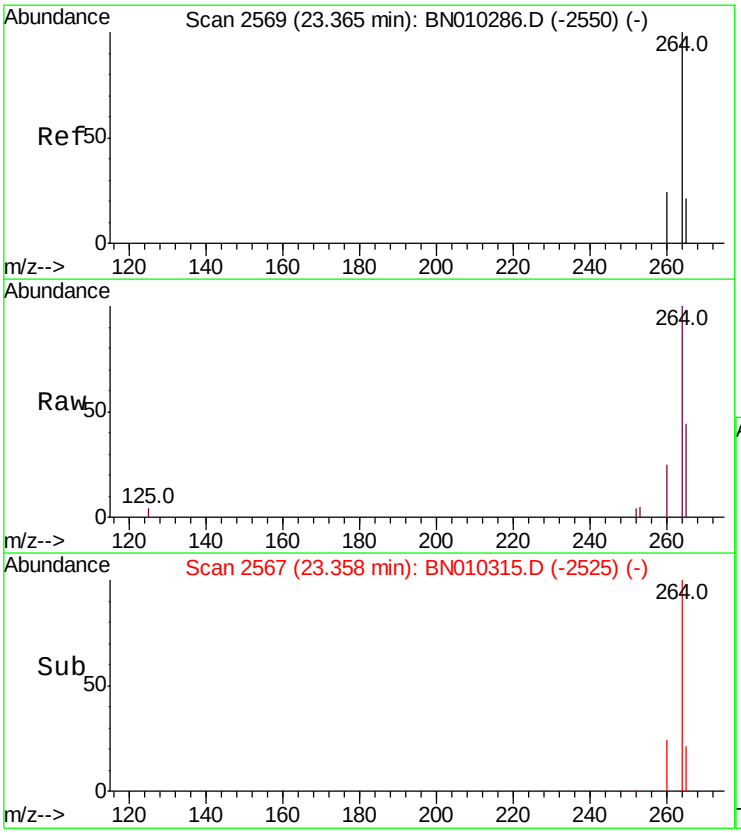

#29
Terphenyl-d14
Concen: 0.465 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:244 Resp: 19624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.3 | 9.5 |
| 122 | 9.4 | 7.6 | 11.4 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:264 Resp: 18803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.5 | 29.3 |
| 265 | 44.2 | 32.4 | 48.6 |