Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007622.D
Acq On : 13 Sep 2019 12:15
Operator : HP/JU
Sample : K4858-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** RE103D2-20190909

Quant Time: Sep 14 02:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 9417 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.48 | 136 | 37772 | 0.40 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.34 | 164 | 19591 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 45485 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 43779 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 23.50 | 264 | 45780 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 3919 | 0.13 | ng | 0.00 |
| 5) Phenol-d6 | 6.89 | 99 | 3154 | 0.09 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 9353 | 0.31 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152 | 21045 | 0.33 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.83 | 330 | 2107 | 0.28 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 35232 | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.11 | 212 | 48425 | 0.34 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 40585 | 0.35 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 6986 | 0.619 | ng | # 85 |
| 3) n-Nitrosodimethylamine | 3.03 | 42 | 181940 | 35.533 | ng | # 1 |
| 6) bis(2-Chloroethyl)ether | 7.16 | 93 | 927 | 0.034 | ng | # 85 |
| 32) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 5534 | 0.105 | ng | 96 |

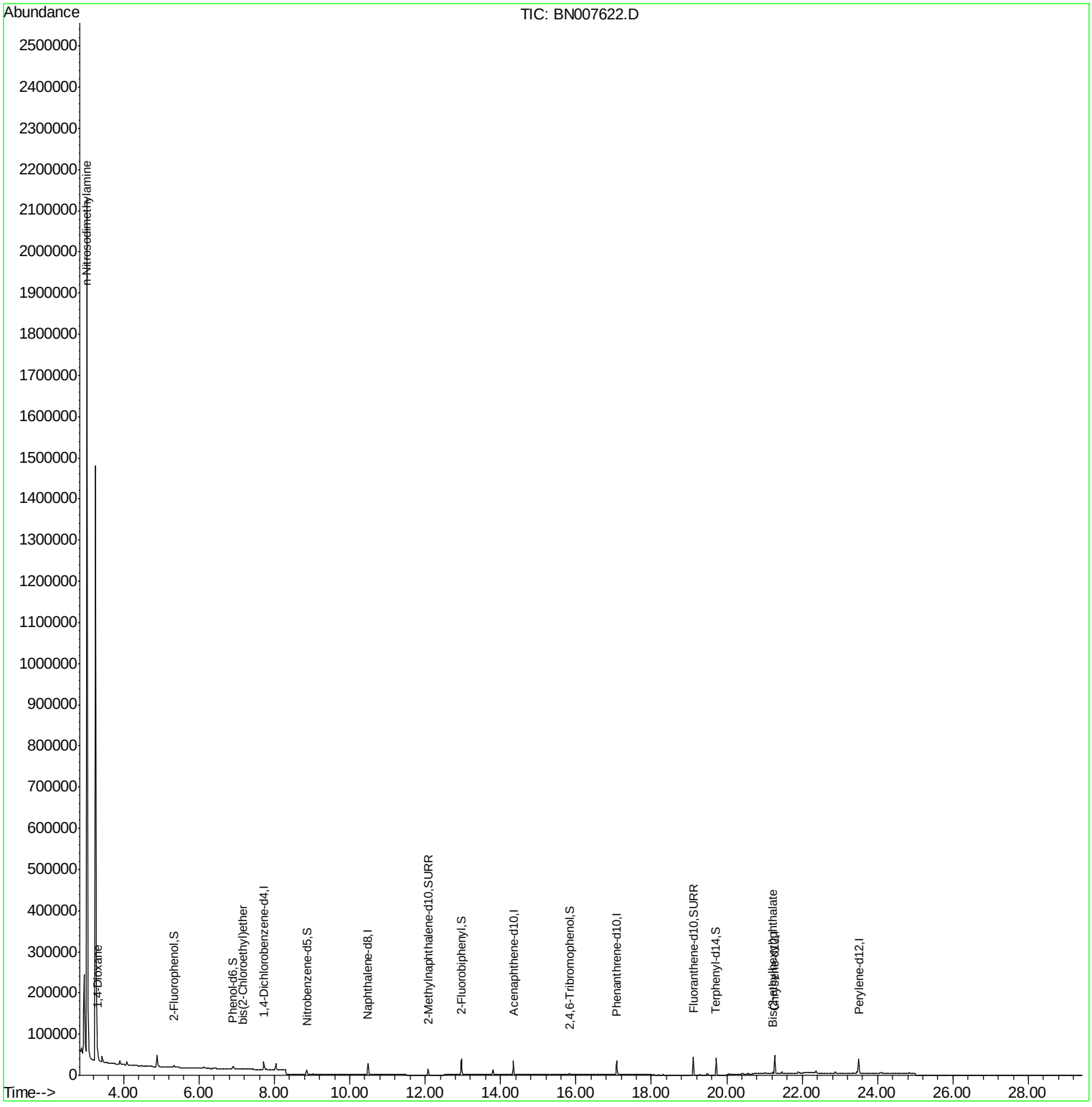
(#) = qualifier out of range (m) = manual integration (+) = signals summed

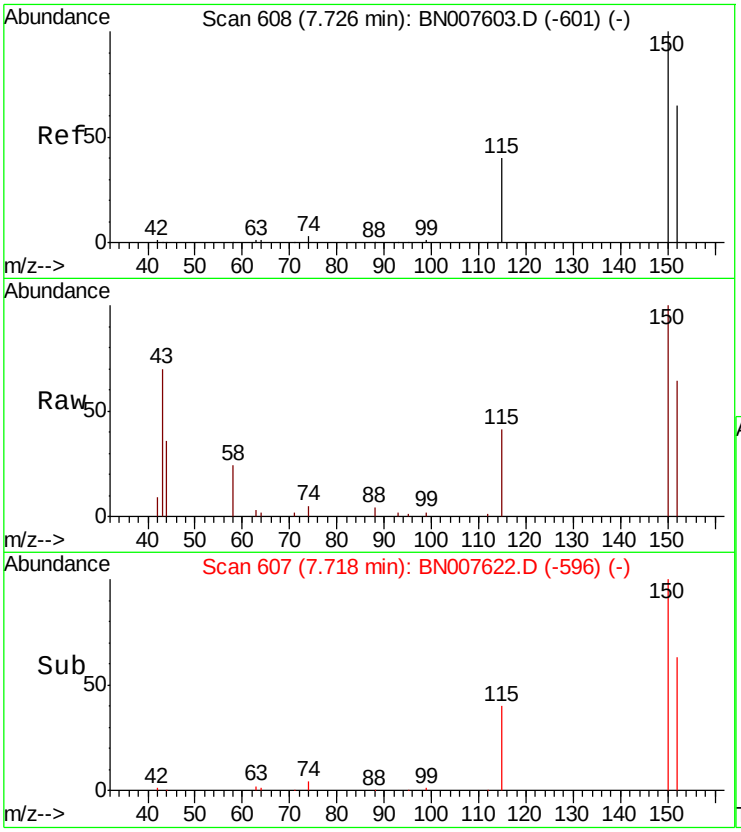
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007622.D
Acq On : 13 Sep 2019 12:15
Operator : HP/JU
Sample : K4858-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Quant Time: Sep 14 02:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



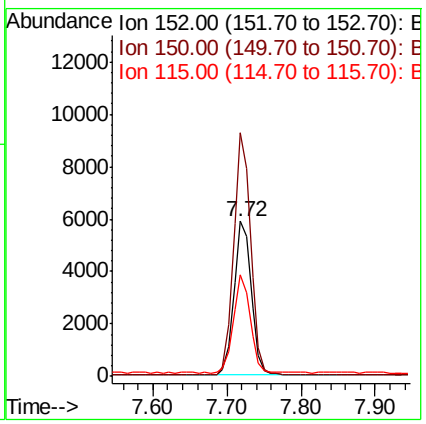


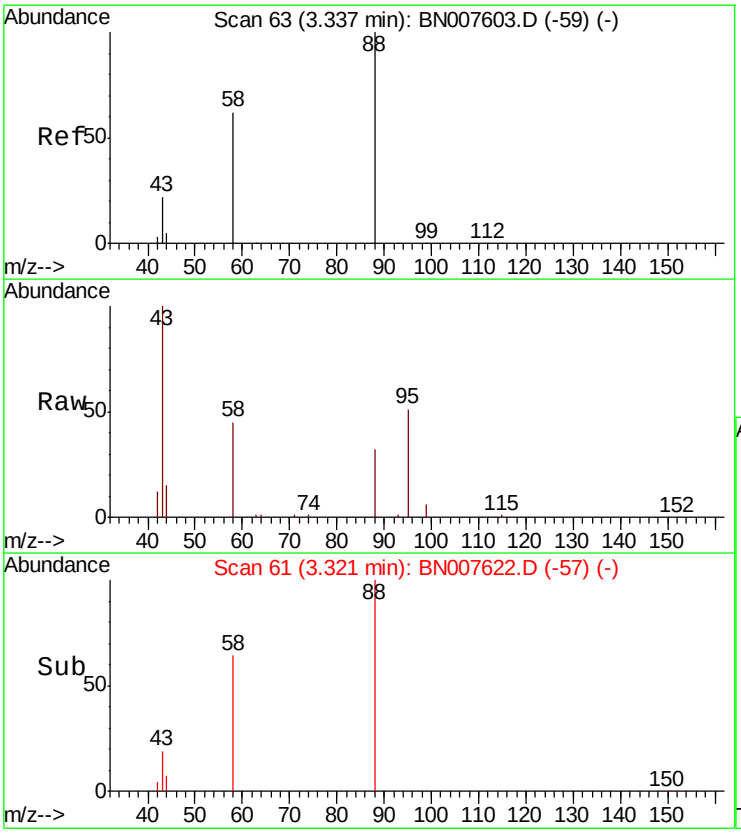

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:152 Resp: 9417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.9 | 122.4 | 183.6 |
| 115 | 65.1 | 50.4 | 75.6 |

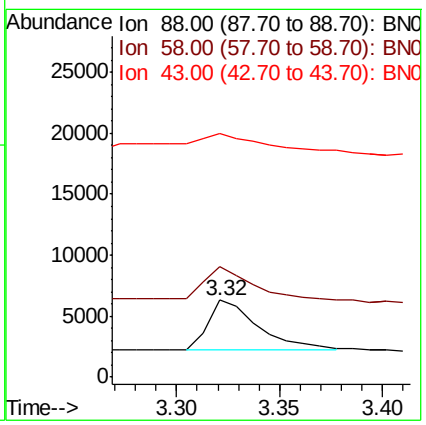


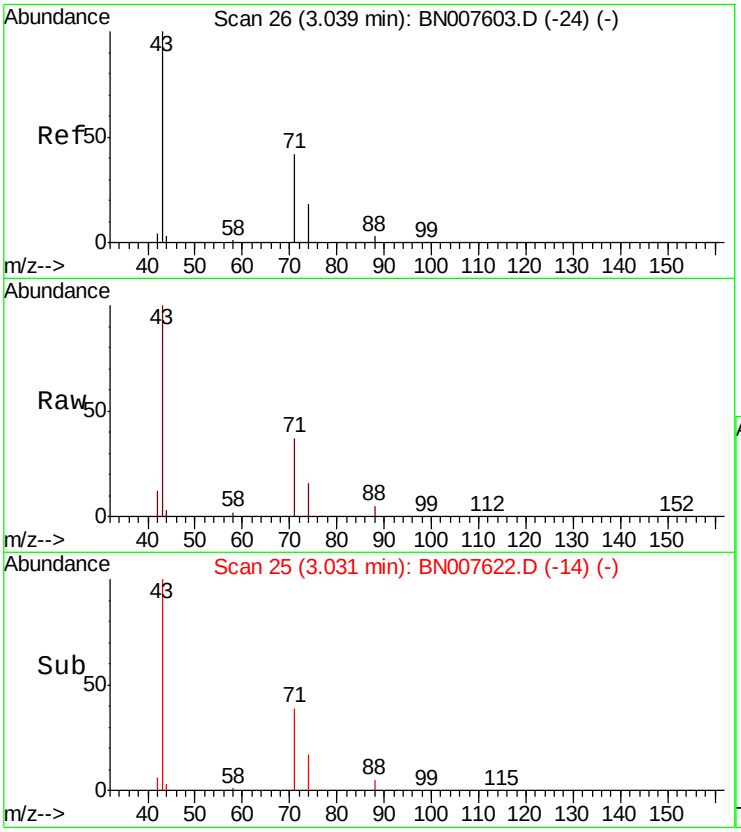




#2
1,4-Dioxane
Concen: 0.619 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion: 88 Resp: 6986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 60.3 | 57.0 | 85.4 |
| 43 | 35.6 | 20.0 | 30.0# |



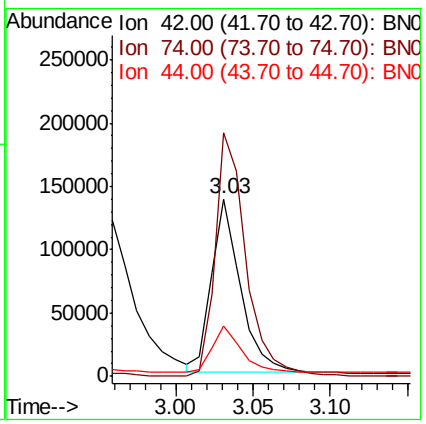


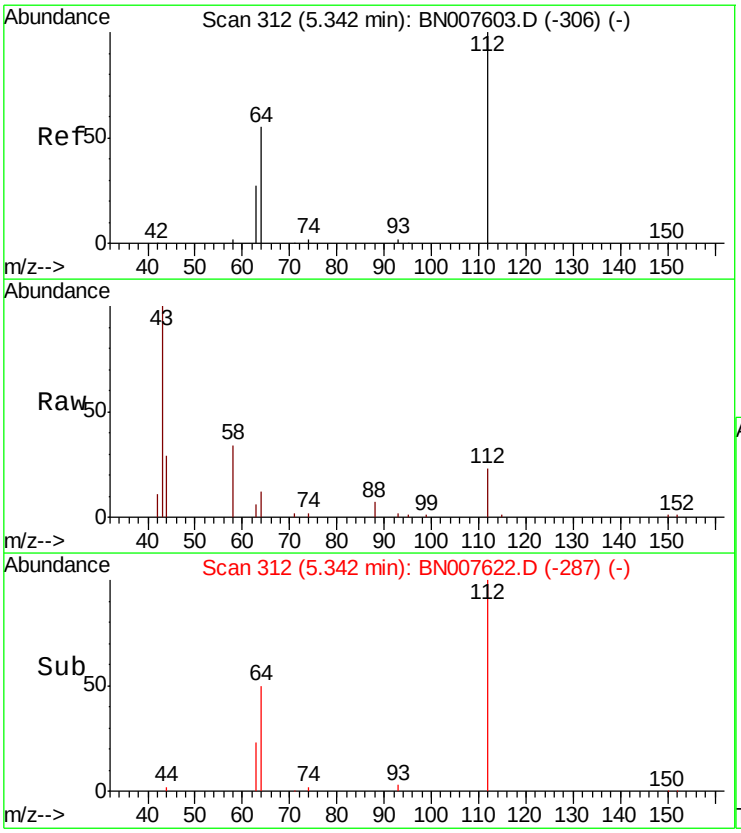

#3
n-Nitrosodimethylamine
Concen: 35.533 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion: 42 Resp: 181940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 144.8 | 9.8 | 14.8# |
| 44 | 26.2 | 0.0 | 0.0# |

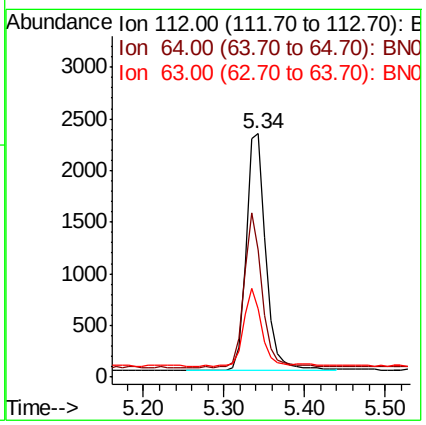


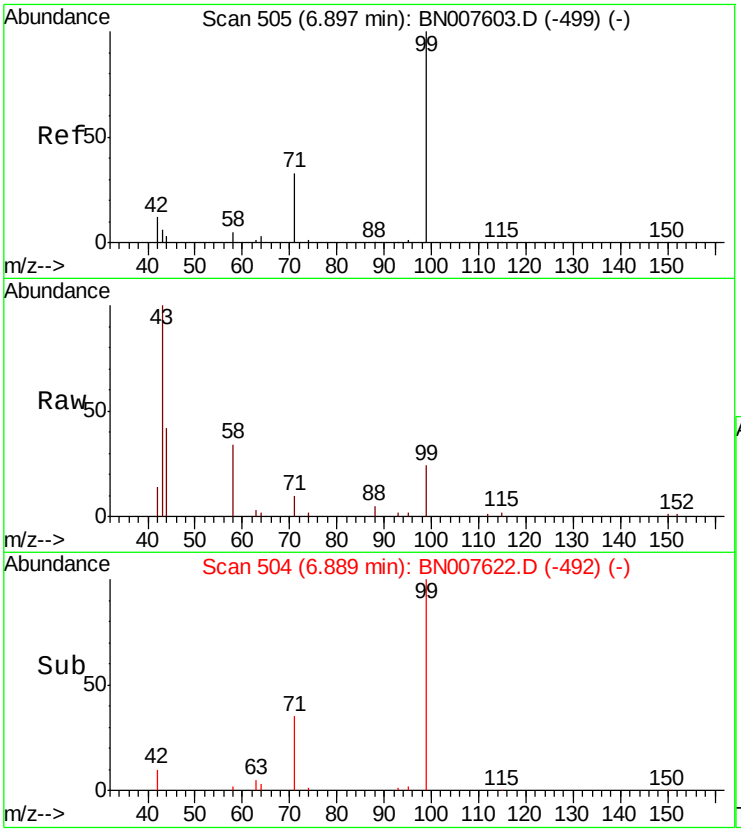




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion:112 Resp: 3919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.6 | 48.5 | 72.7 |
| 63 | 30.2 | 24.4 | 36.6 |



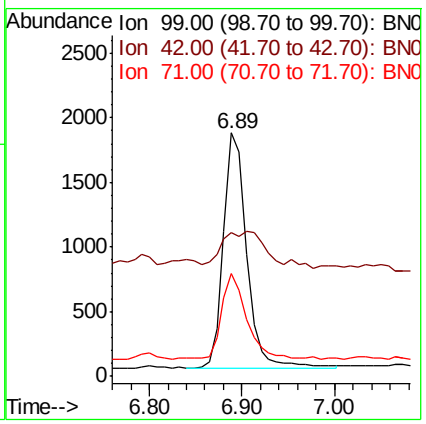


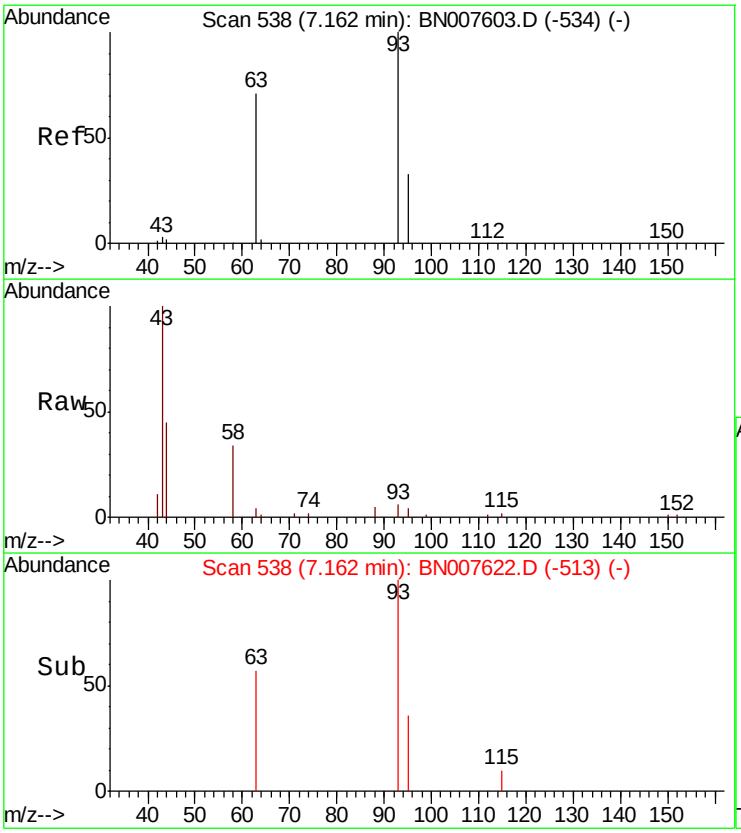

#5
Phenol-d6
Concen: 0.092 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion: 99 Resp: 3154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.8 | 11.8 | 17.6# |
| 71 | 38.7 | 28.0 | 42.0 |

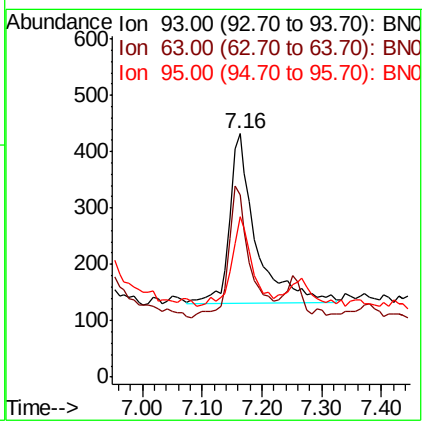


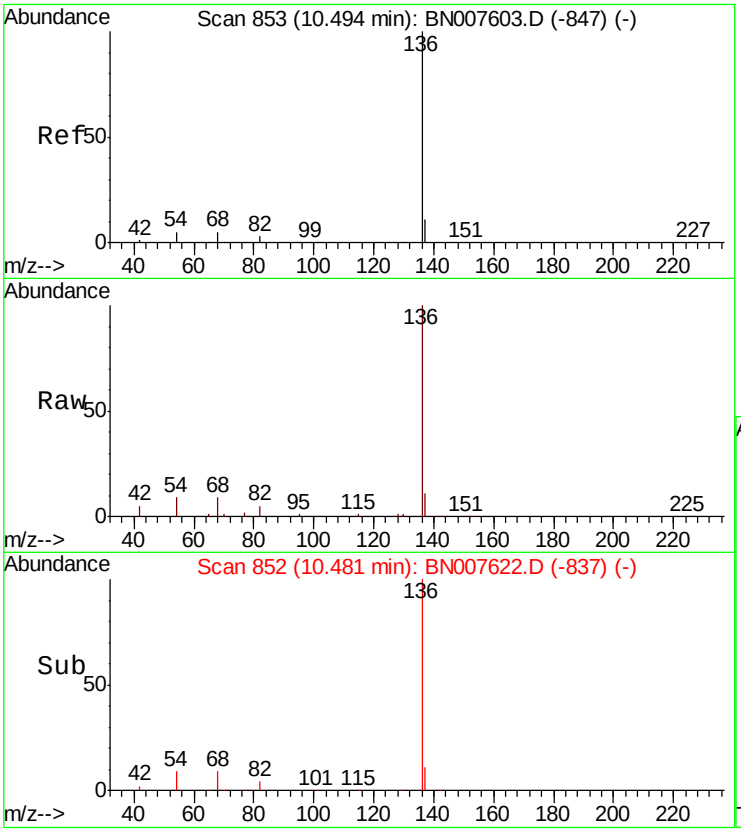




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.16 min Scan# 538
Delta R.T. 0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion: 93 Resp: 927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 62.7 | 61.2 | 91.8 |
| 95 | 41.0 | 27.2 | 40.8# |



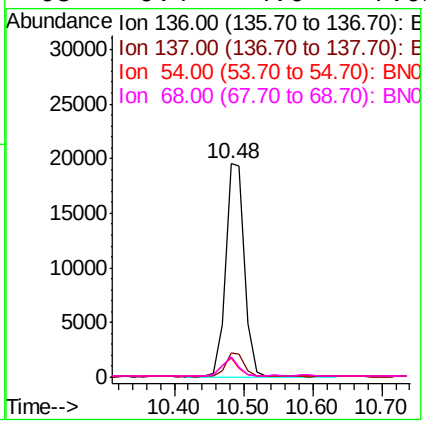


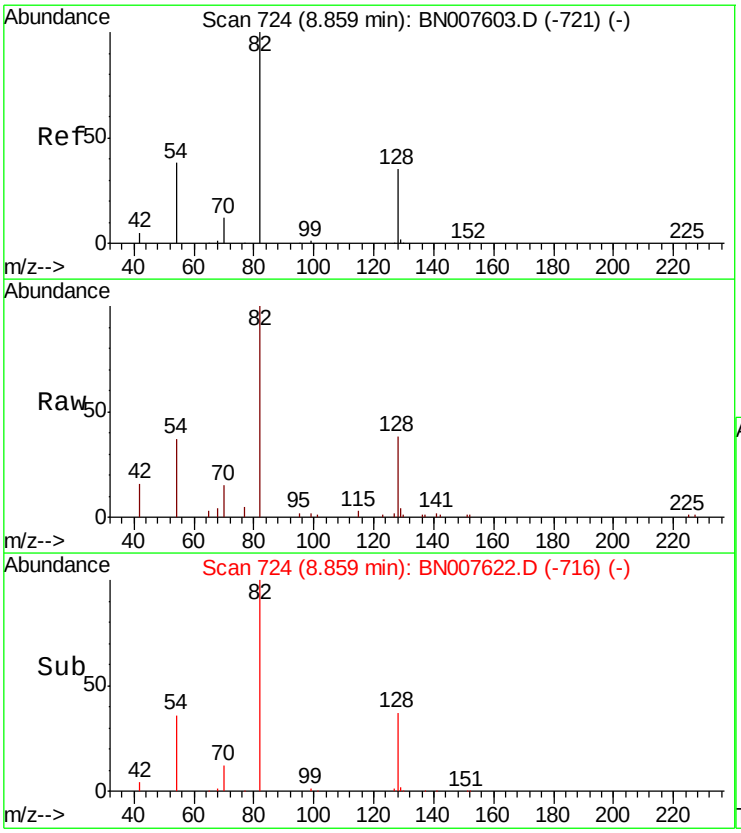

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:136 Resp: 37772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 9.1 | 4.2 | 6.4# |
| 68 | 9.4 | 4.6 | 7.0# |

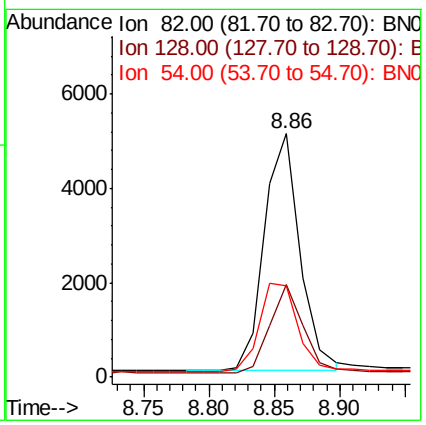


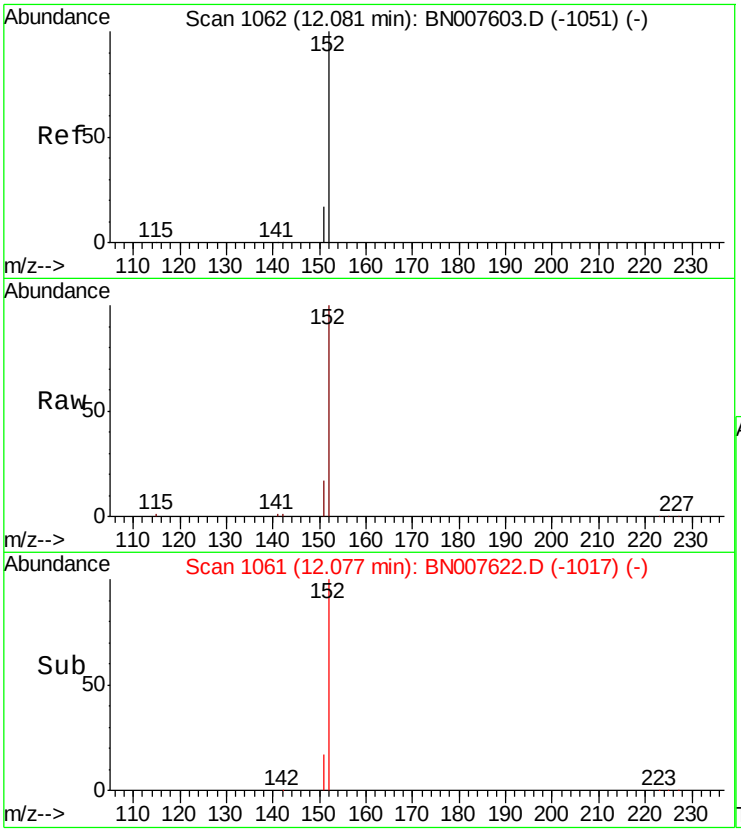




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion: 82 Resp: 9353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.8 | 27.9 | 41.9 |
| 54 | 37.4 | 30.9 | 46.3 |



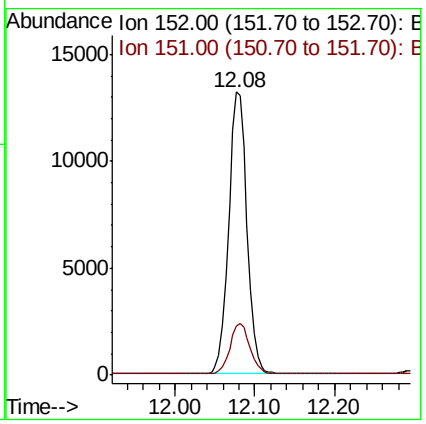


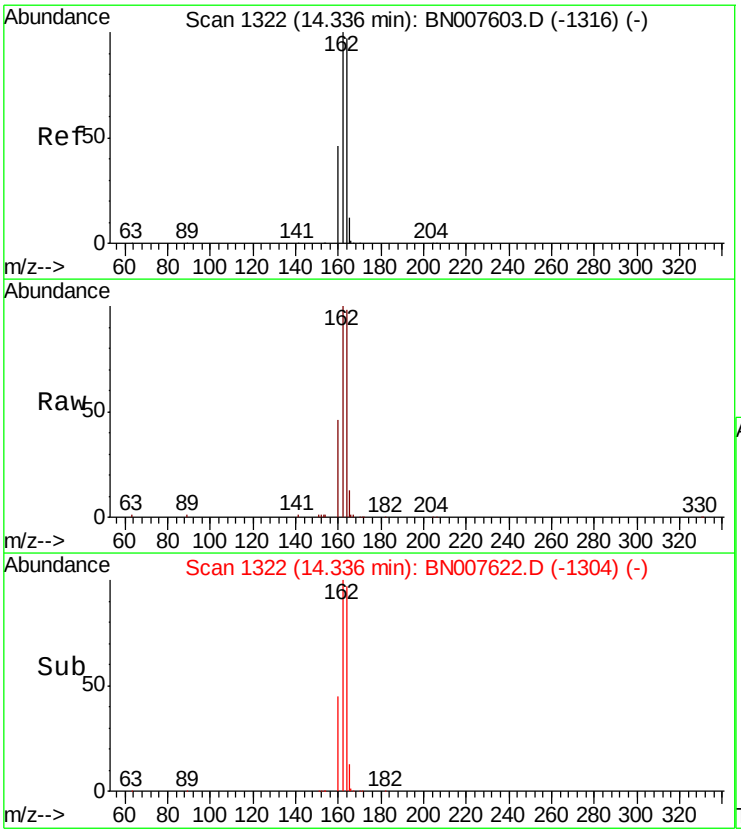

#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:152 Resp: 21045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.3 | 22.9 |

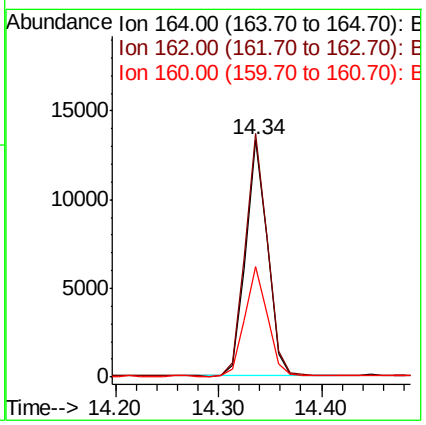


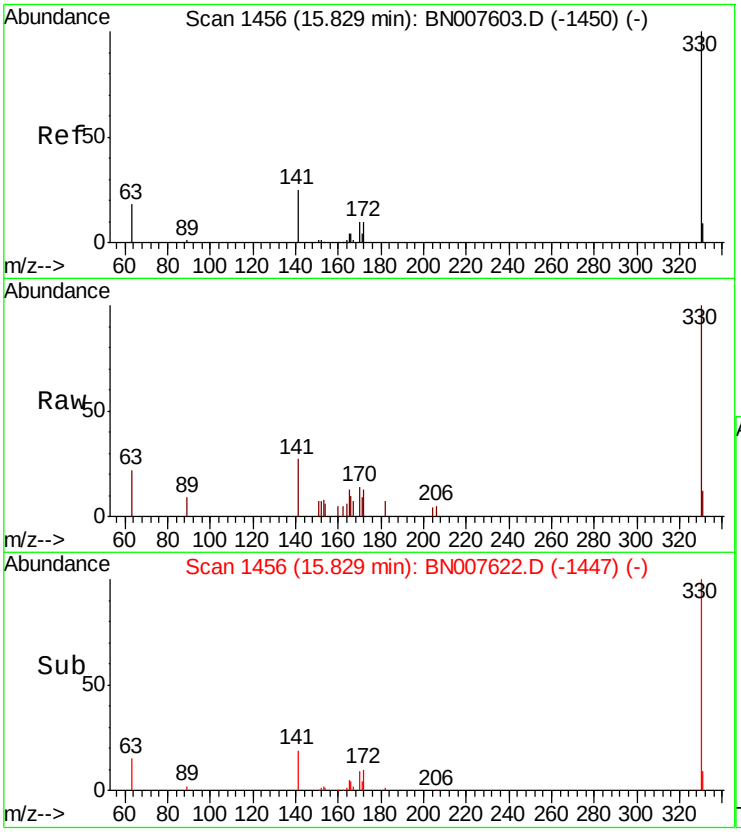




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion:164 Resp: 19591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 82.8 | 124.2 |
| 160 | 46.7 | 38.0 | 57.0 |



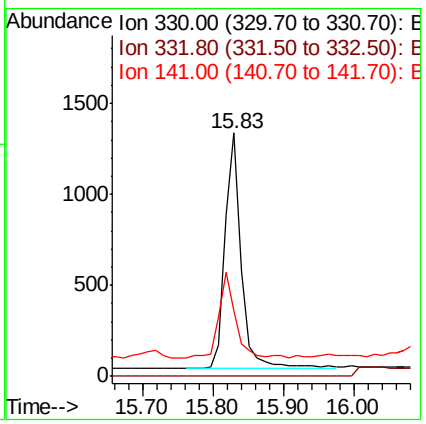


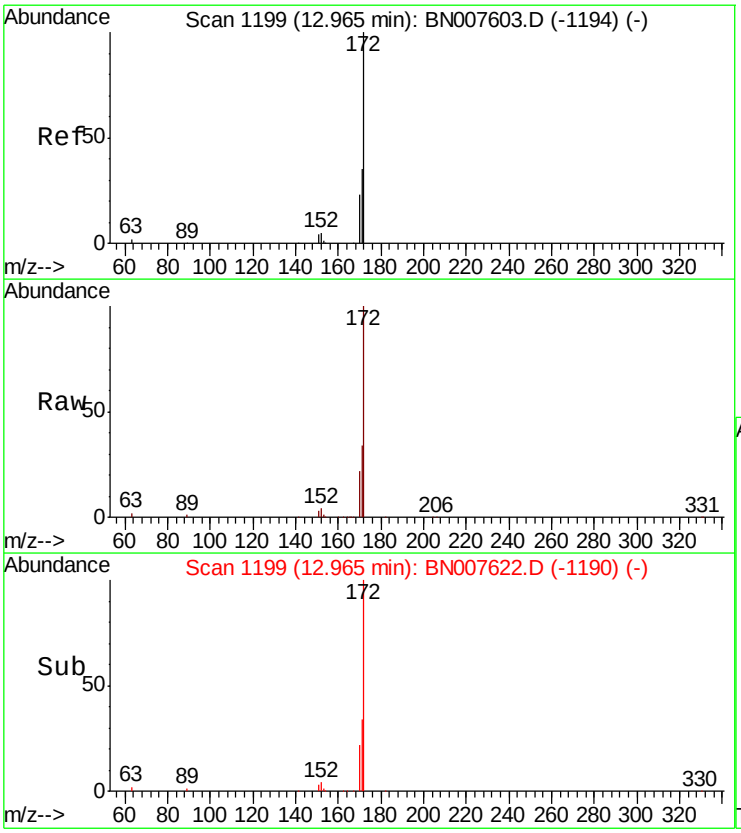

#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:330 Resp: 2107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 38.2 | 30.1 | 45.1 |

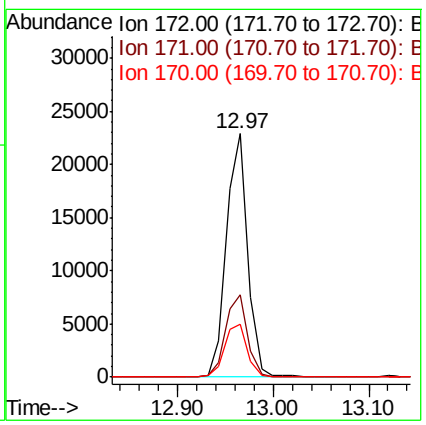


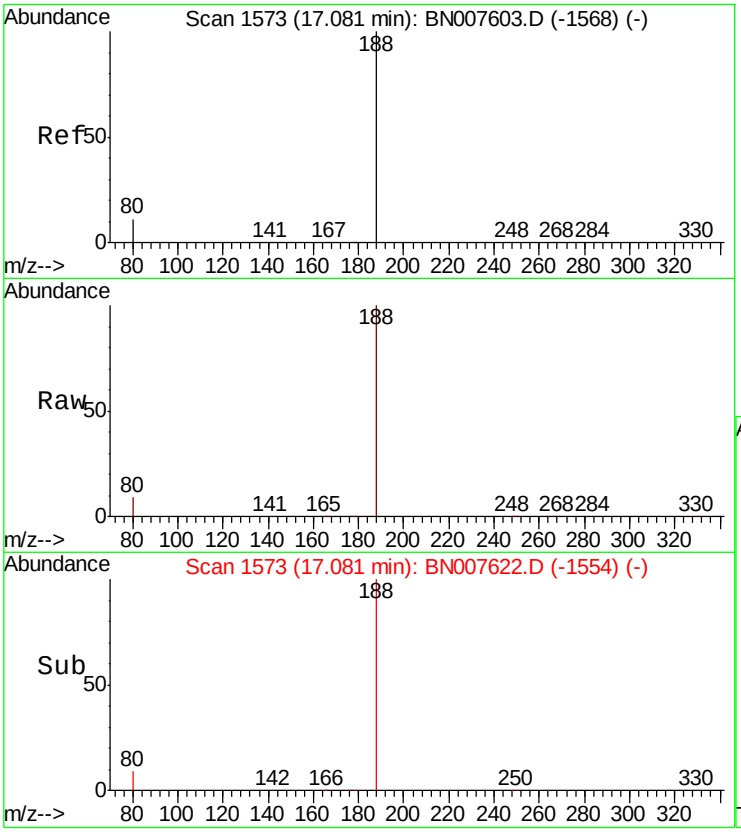




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.97 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion:172 Resp: 35232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.7 | 27.9 | 41.9 |
| 170 | 21.9 | 18.5 | 27.7 |



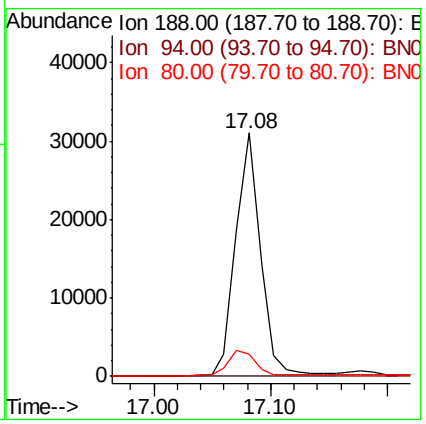


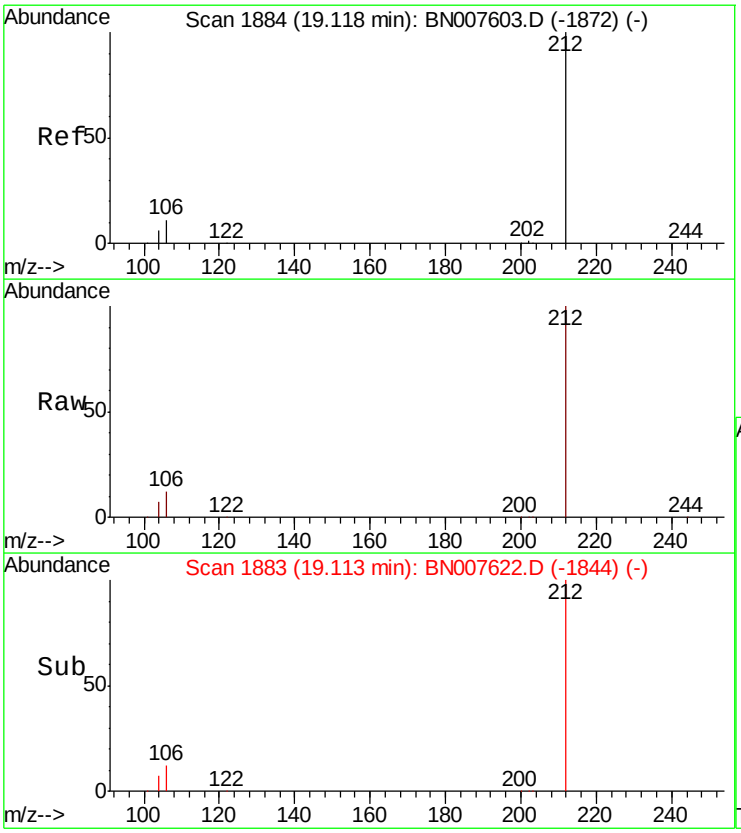

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:188 Resp: 45485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.4 | 8.8 | 13.2 |

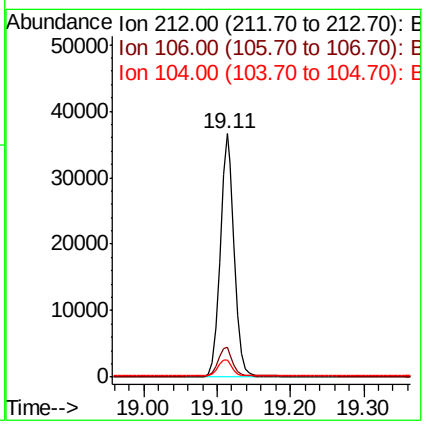


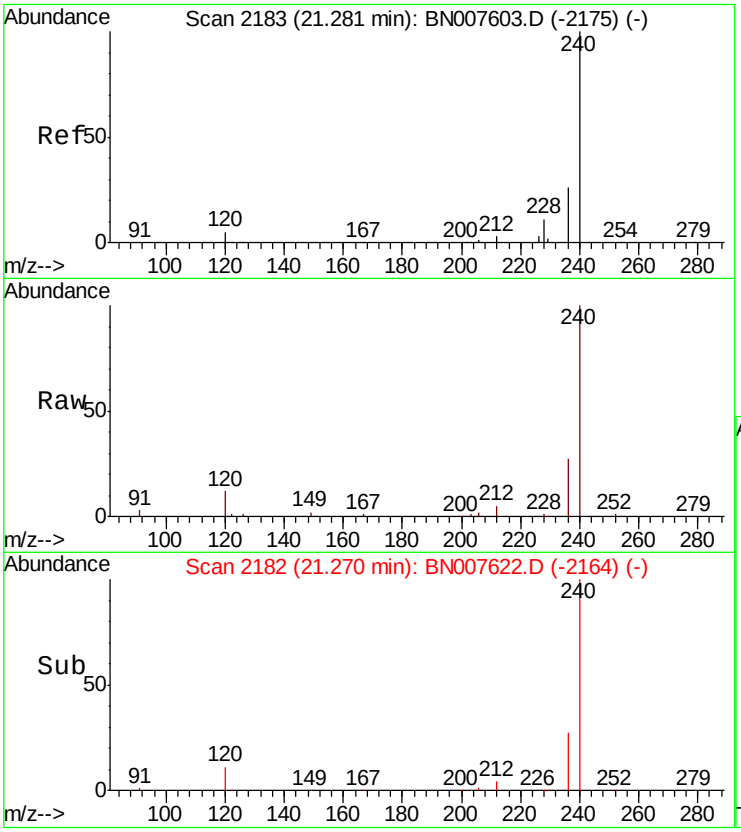




#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion:212 Resp: 48425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.3 | 9.6 | 14.4 |
| 104 | 6.8 | 5.4 | 8.0 |



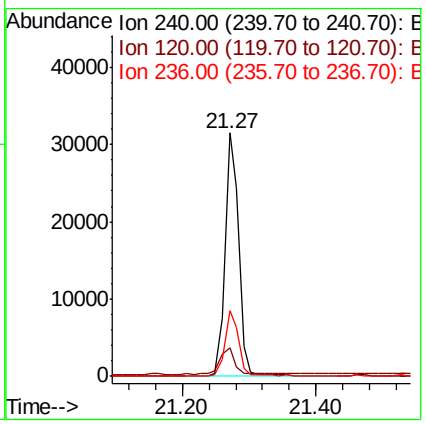


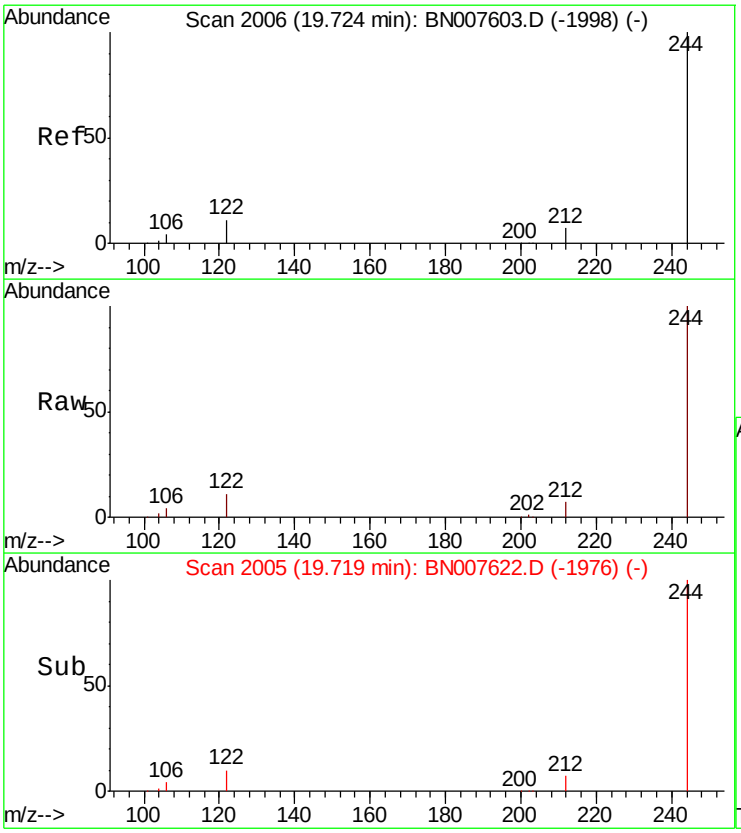

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:240 Resp: 43779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 4.3 | 6.5# |
| 236 | 26.8 | 20.8 | 31.2 |

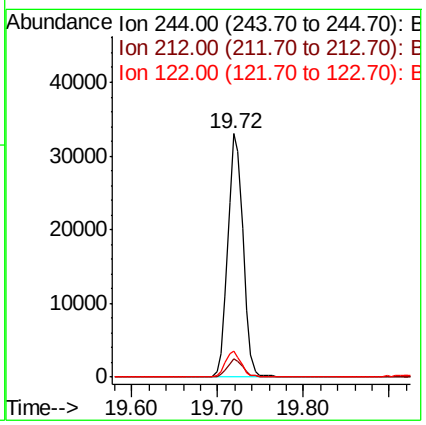


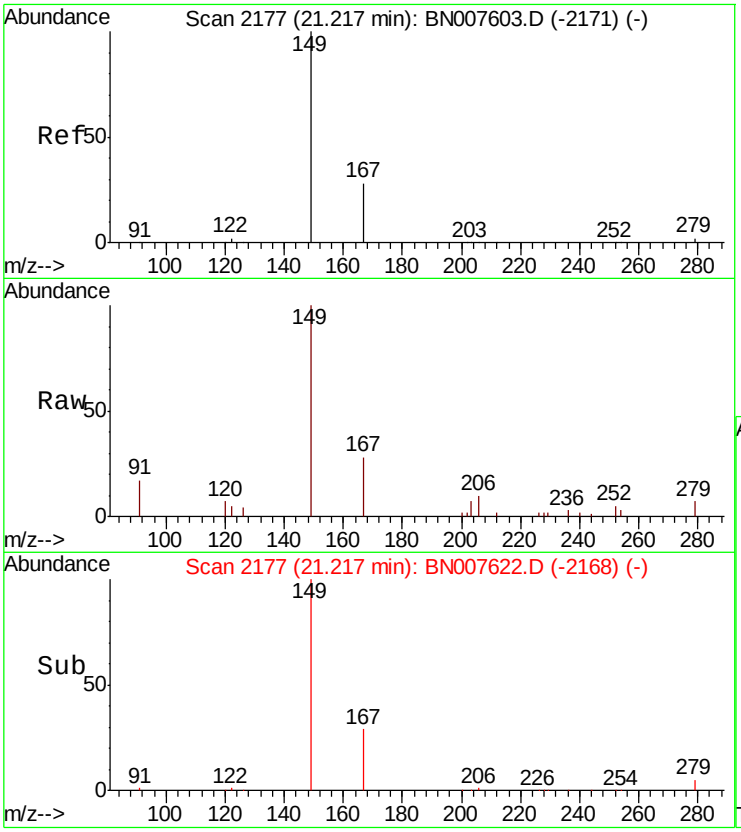




#29
Terphenyl-d14
Concen: 0.352 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion:244 Resp: 40585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.9 | 8.9 |
| 122 | 10.7 | 8.6 | 12.8 |



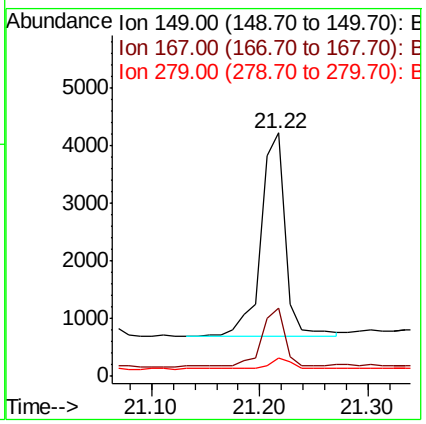


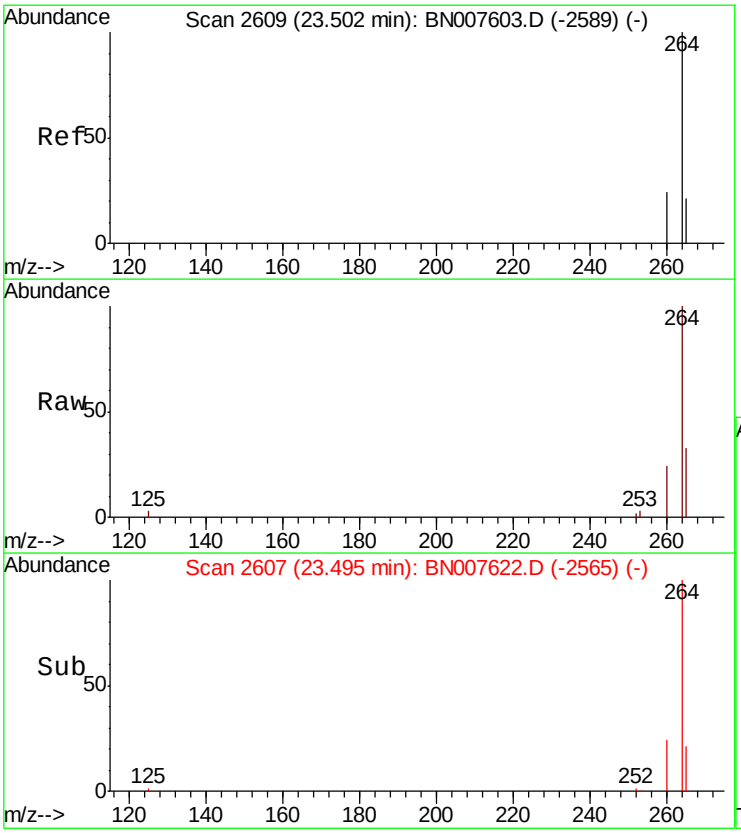

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
RE103D2-20190909

Tgt Ion:149 Resp: 5534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 22.6 | 34.0 |
| 279 | 5.1 | 3.8 | 5.6 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion:264 Resp: 45780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.1 | 28.7 |
| 265 | 32.7 | 24.6 | 37.0 |