Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003452.D
Acq On : 07 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5829-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Nov 08 14:32:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 111350 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.65 | 136 | 500027 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.49 | 164 | 312557 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.23 | 188 | 706738 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.41 | 240 | 582497 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.72 | 264 | 553186 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 270219 | 42.27 | ng | 0.00 |
| 7) Phenol-d6 | 7.00 | 99 | 218459 | 24.03 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.02 | 82 | 755429 | 86.64 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.97 | 330 | 447894 | 106.42 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.11 | 172 | 2111954 | 91.65 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.85 | 244 | 2757198 | 101.23 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.03 | 88 | 10680 | 3.518 | ng | # 1 |
| 19) n-Nitroso-di-n-propylamine | 9.02 | 70 | 95656 | 14.592 | ng | # 75 |
| 51) 2,6-Dinitrotoluene | 14.49 | 165 | 40183 | 7.005 | ng | # 30 |
| 57) 2,4-Dinitrotoluene | 14.49 | 165 | 40183 | 5.167 | ng | # 20 |
| 67) 4-Bromophenyl-phenylether | 15.97 | 248 | 28964 | 3.639 | ng | # 1 |

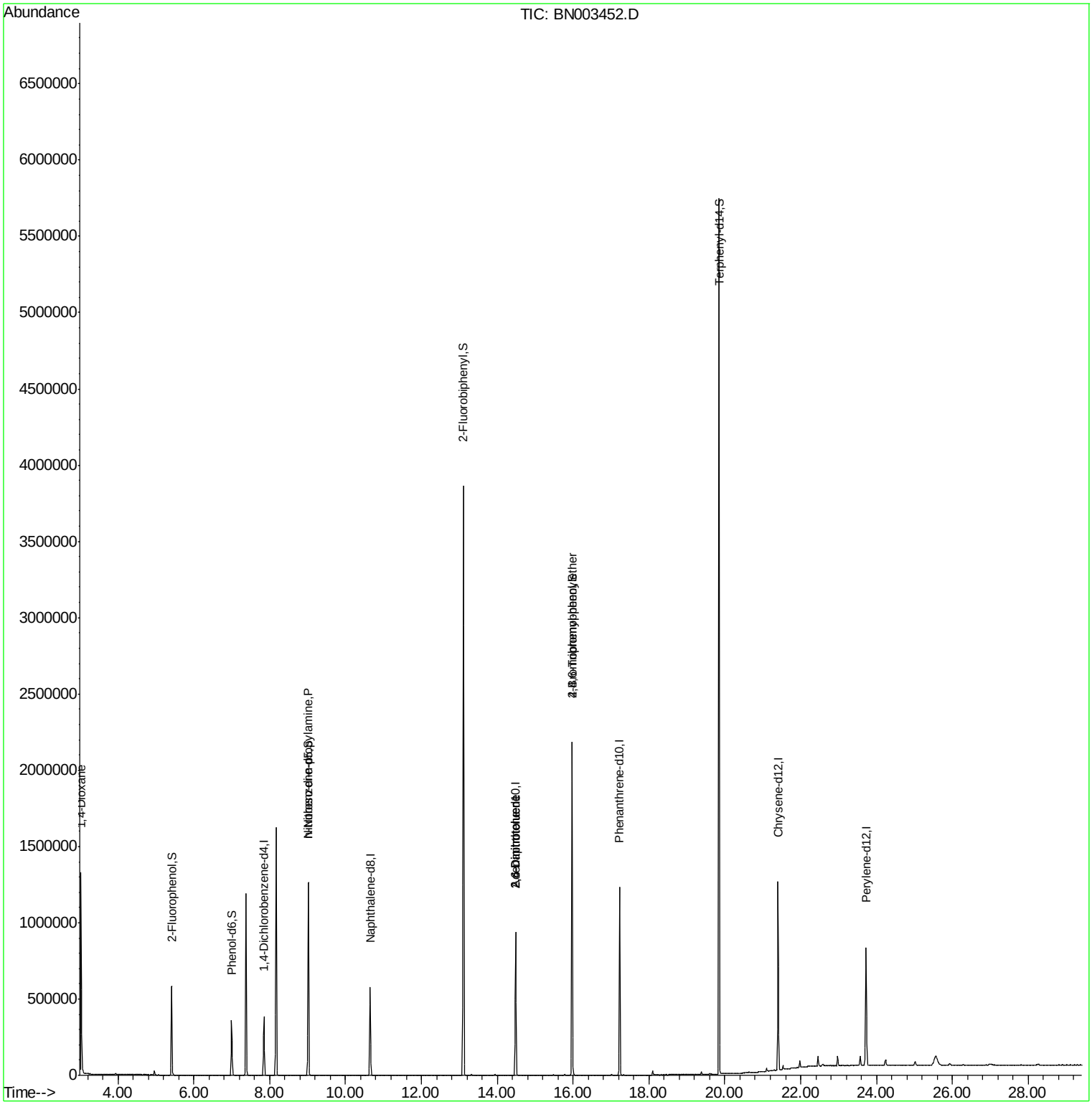
(#) = qualifier out of range (m) = manual integration (+) = signals summed

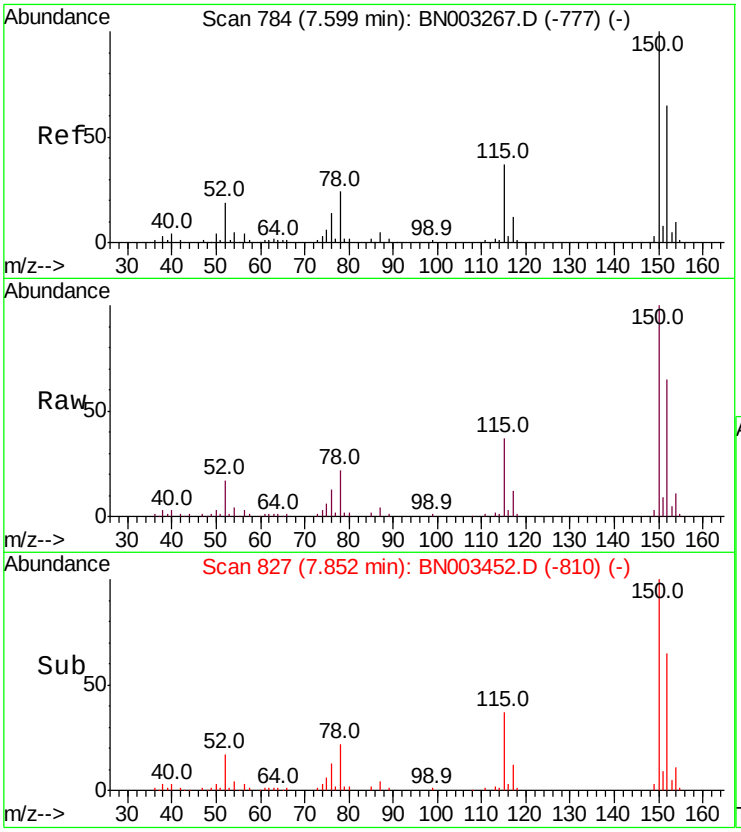
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003452.D
Acq On : 07 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5829-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Nov 08 14:32:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration



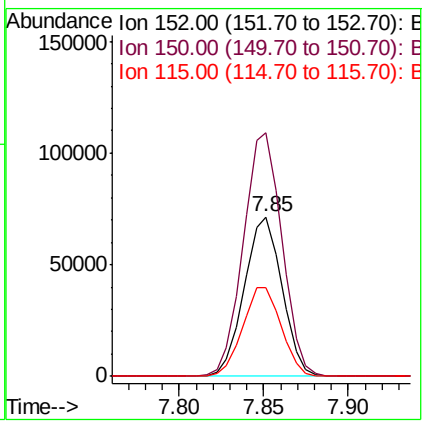


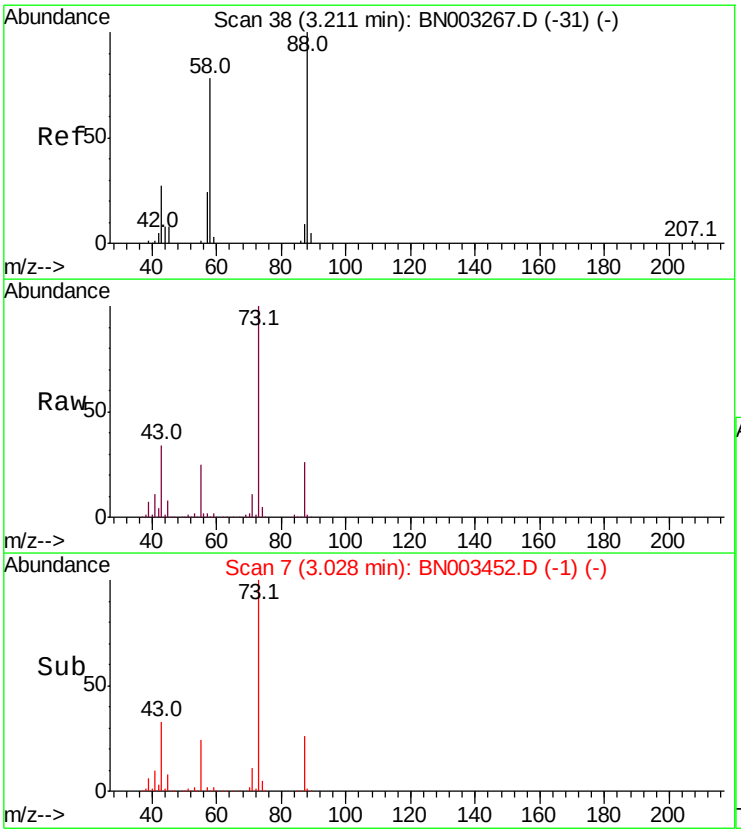

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:152 Resp: 111350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.7 | 123.8 | 185.8 |
| 115 | 55.9 | 45.9 | 68.9 |

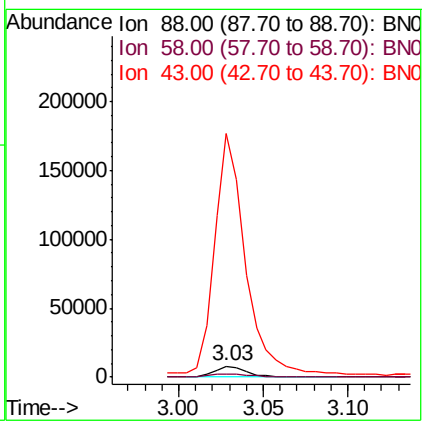


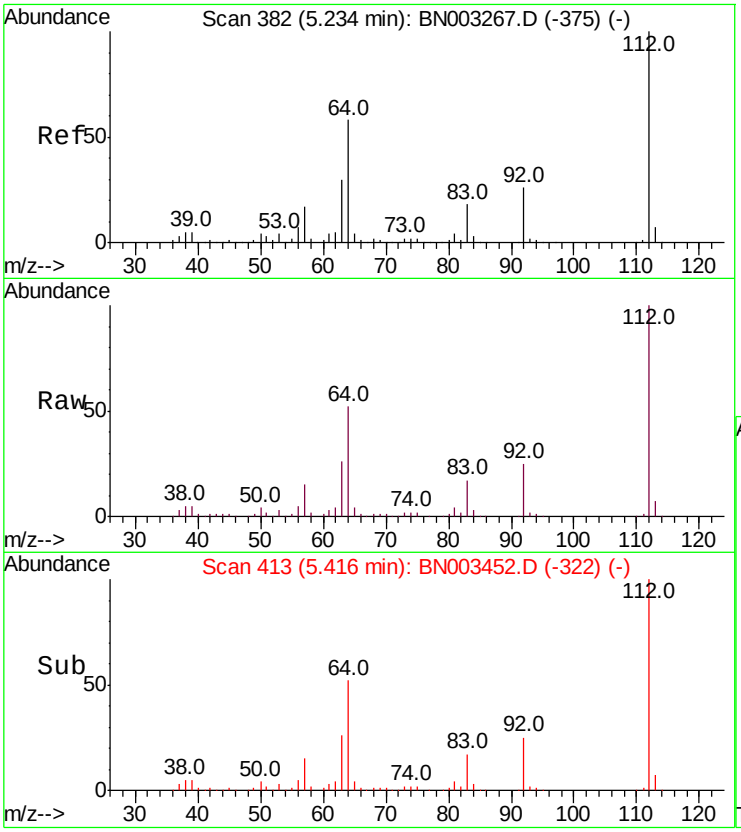




#2
1,4-Dioxane
Concen: 3.518 ng
RT: 3.03 min Scan# 7
Delta R.T. -0.31 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion: 88 Resp: 10680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 23.6 | 61.1 | 91.7# |
| 43 | 2072.2 | 22.2 | 33.4# |



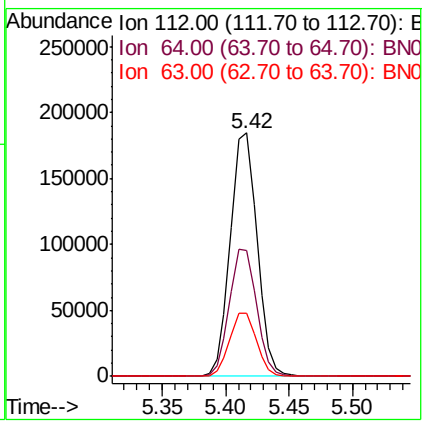


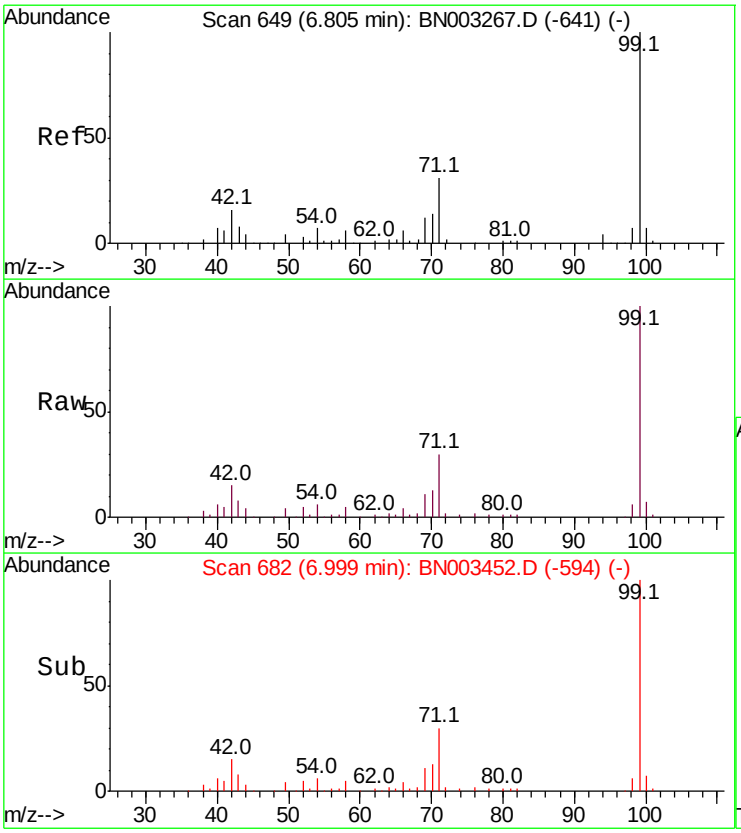

#5
2-Fluorophenol
Concen: 42.268 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:112 Resp: 270219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.7 | 46.6 | 69.8 |
| 63 | 25.8 | 23.8 | 35.8 |

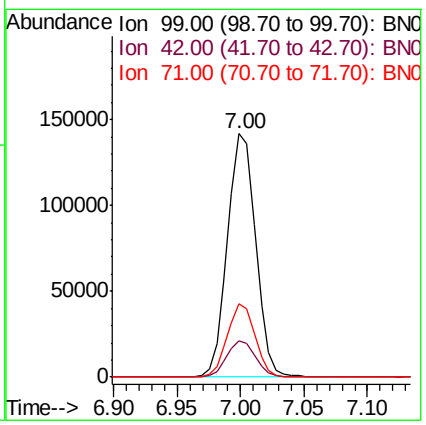


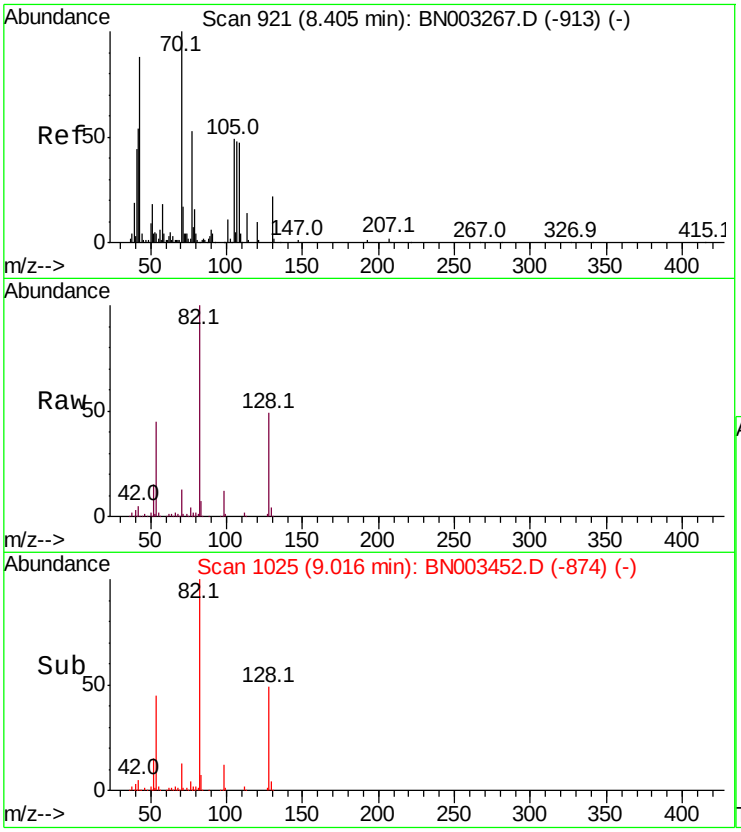




#7
Phenol-d6
Concen: 24.031 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion: 99 Resp: 218459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.9 | 13.0 | 19.6 |
| 71 | 30.1 | 24.5 | 36.7 |



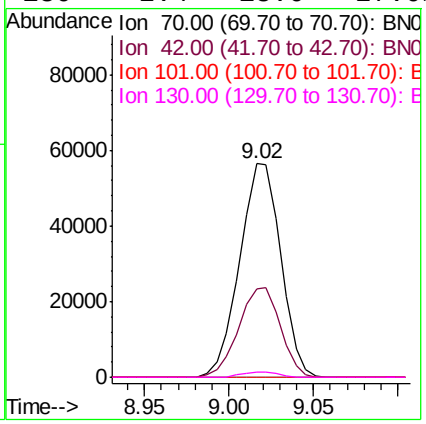


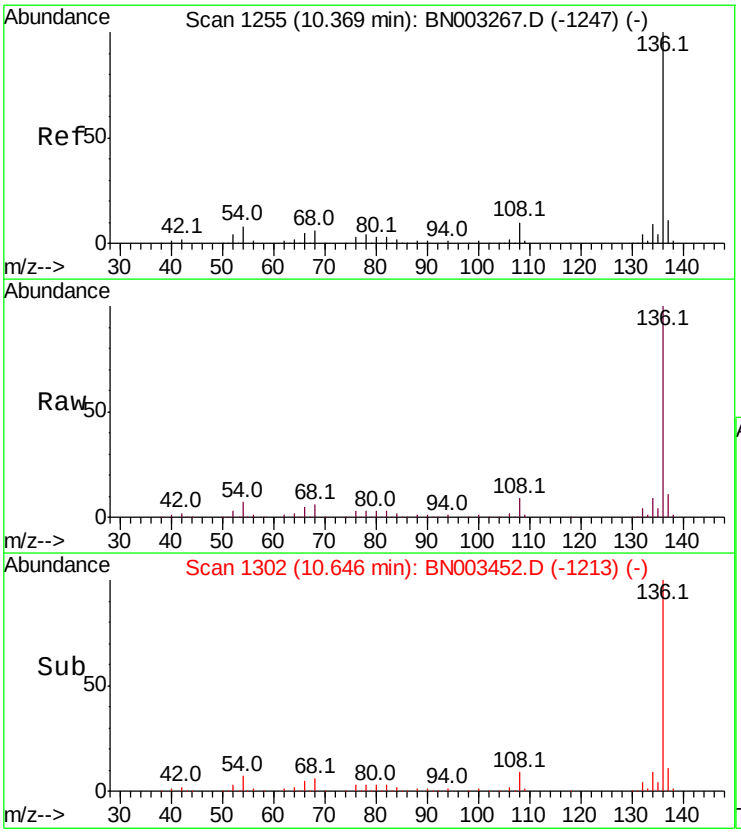

#19
n-Nitroso-di-n-propylamine
Concen: 14.592 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion: 70 Resp: 95656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 41.5 | 43.5 | 65.3# |
| 101 | 0.0 | 8.6 | 12.8# |
| 130 | 2.4 | 18.0 | 27.0# |

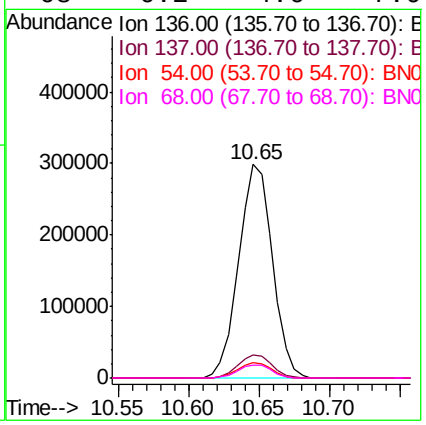


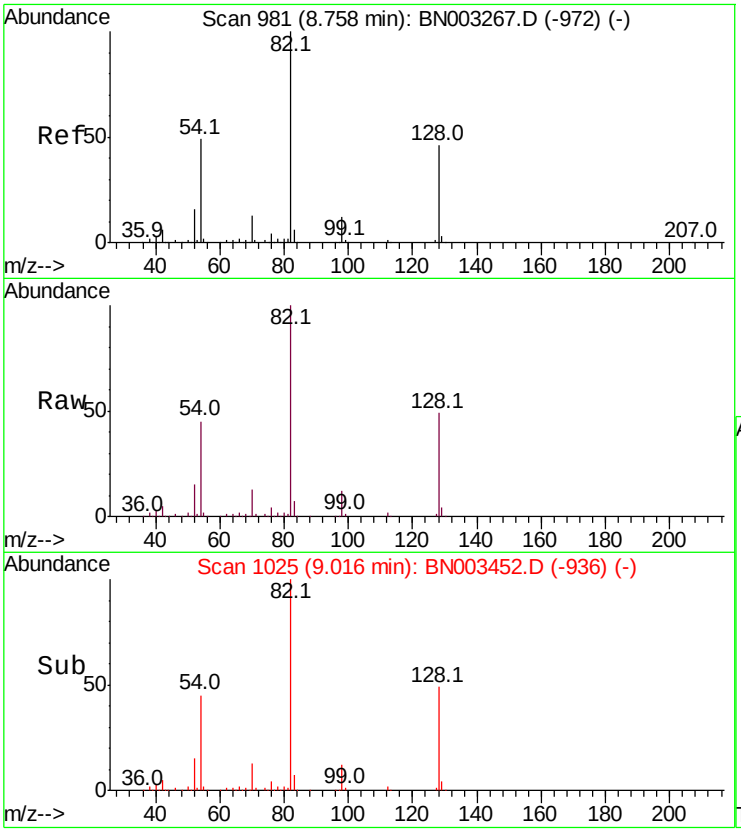




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion:136 Resp: 500027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 7.2 | 6.6 | 10.0 |
| 68 | 6.2 | 4.6 | 7.0 |



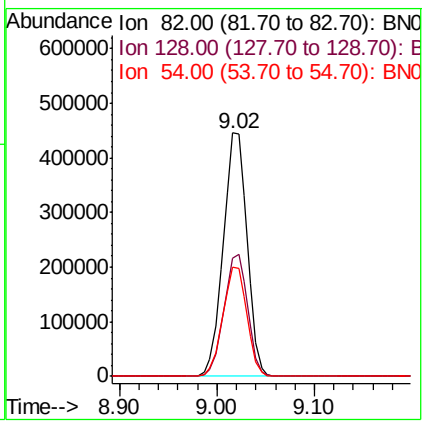


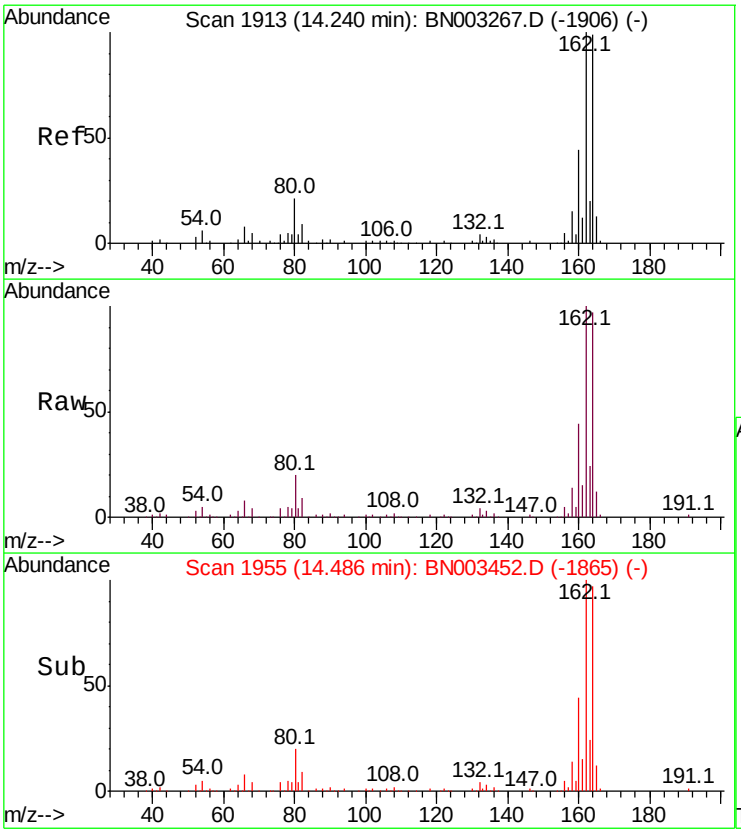

#23
Nitrobenzene-d5
Concen: 86.642 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion: 82 Resp: 755429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.7 | 37.1 | 55.7 |
| 54 | 44.9 | 39.4 | 59.2 |

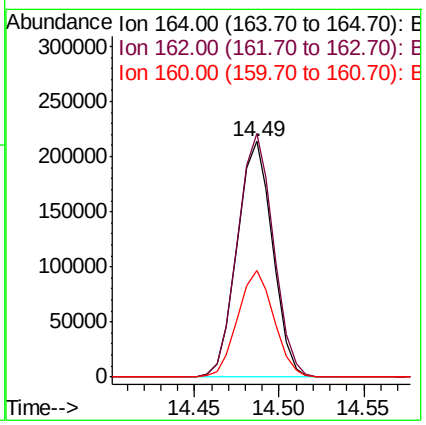


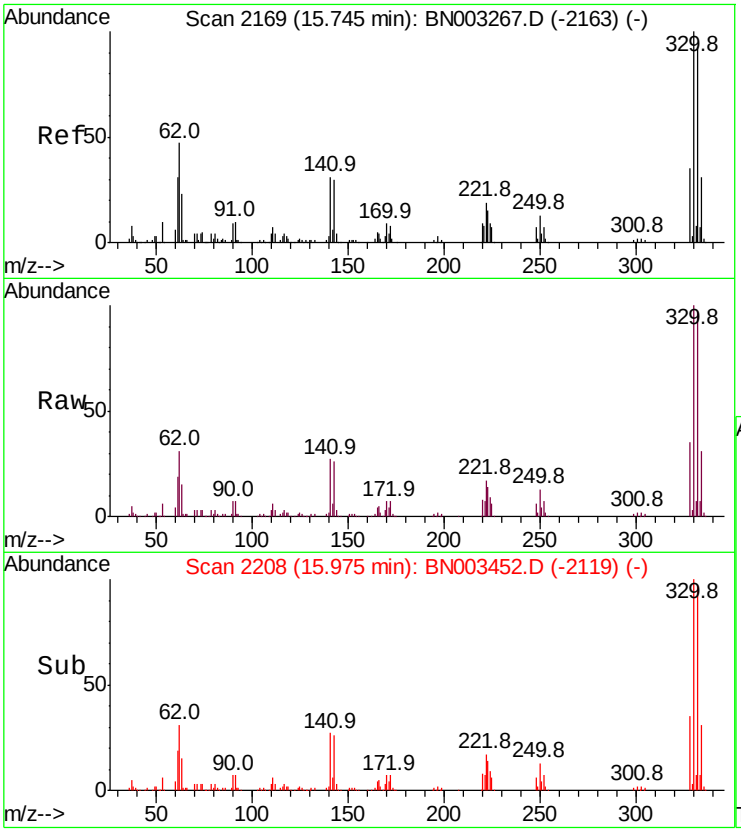




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion:164 Resp: 312557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 80.8 | 121.2 |
| 160 | 45.2 | 35.5 | 53.3 |



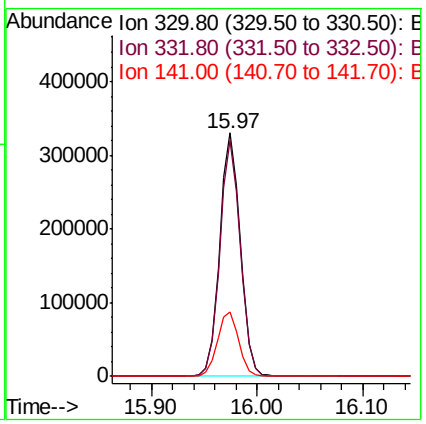


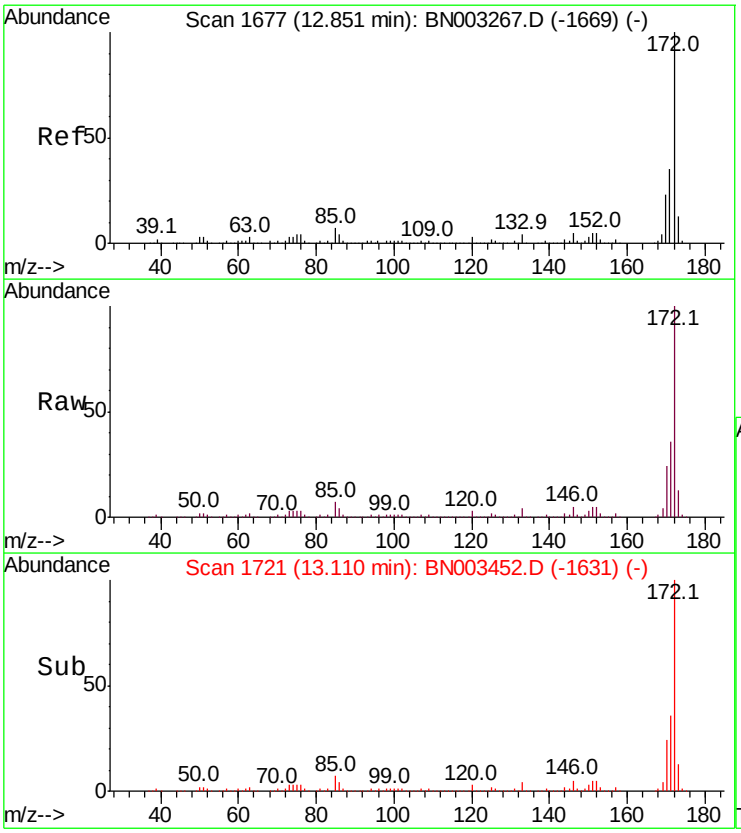

#42
2,4,6-Tribromophenol
Concen: 106.421 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:330 Resp: 447894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.6 | 114.8 |
| 141 | 27.5 | 24.5 | 36.7 |

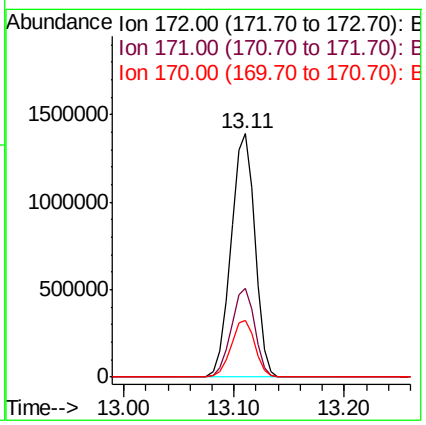


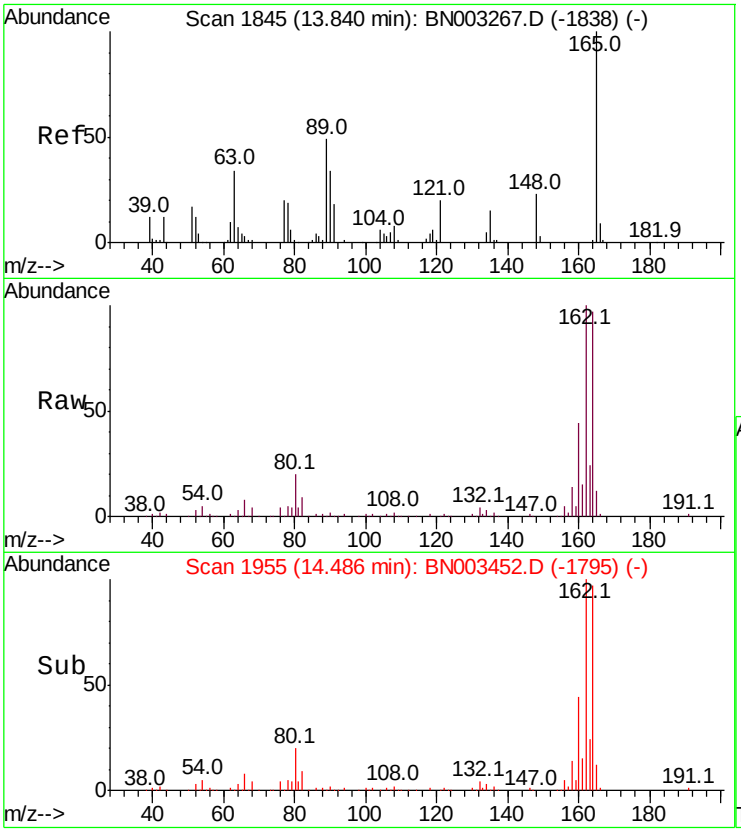




#45
2-Fluorobiphenyl
Concen: 91.654 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion:172 Resp: 2111954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 28.2 | 42.4 |
| 170 | 23.6 | 18.4 | 27.6 |



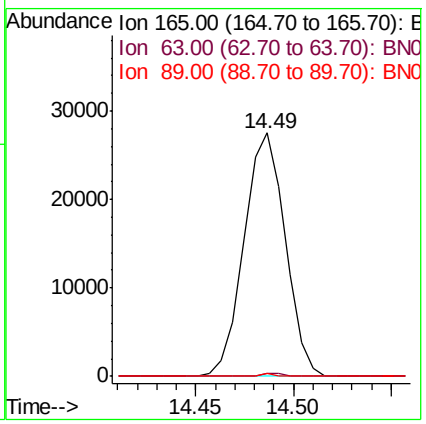


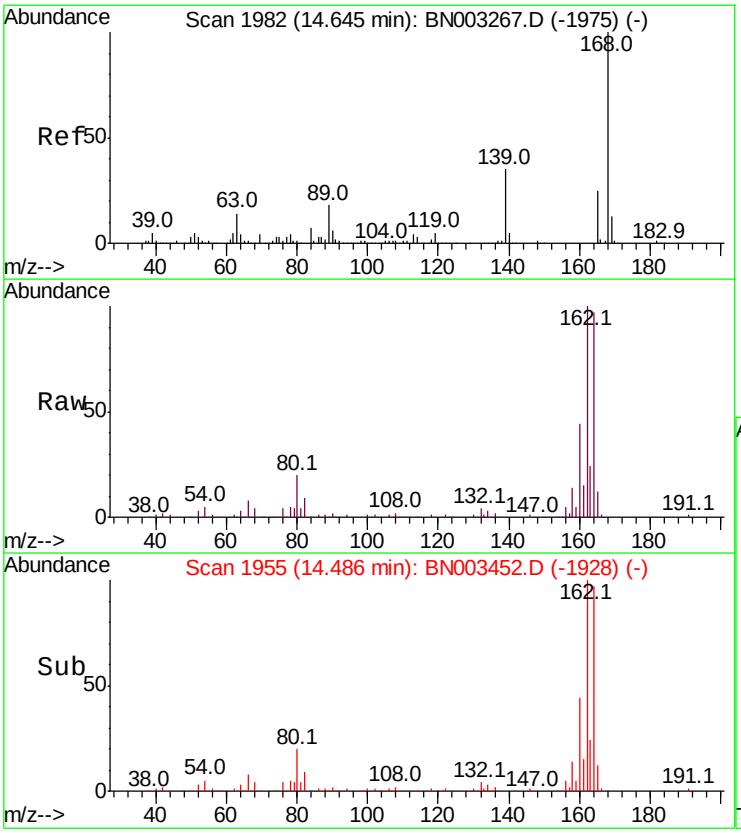

#51
2,6-Dinitrotoluene
Concen: 7.005 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:165 Resp: 40183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 39.2 | 58.8# |
| 89 | 1.3 | 38.9 | 58.3# |

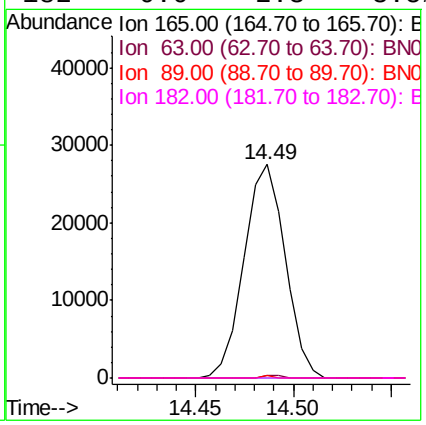


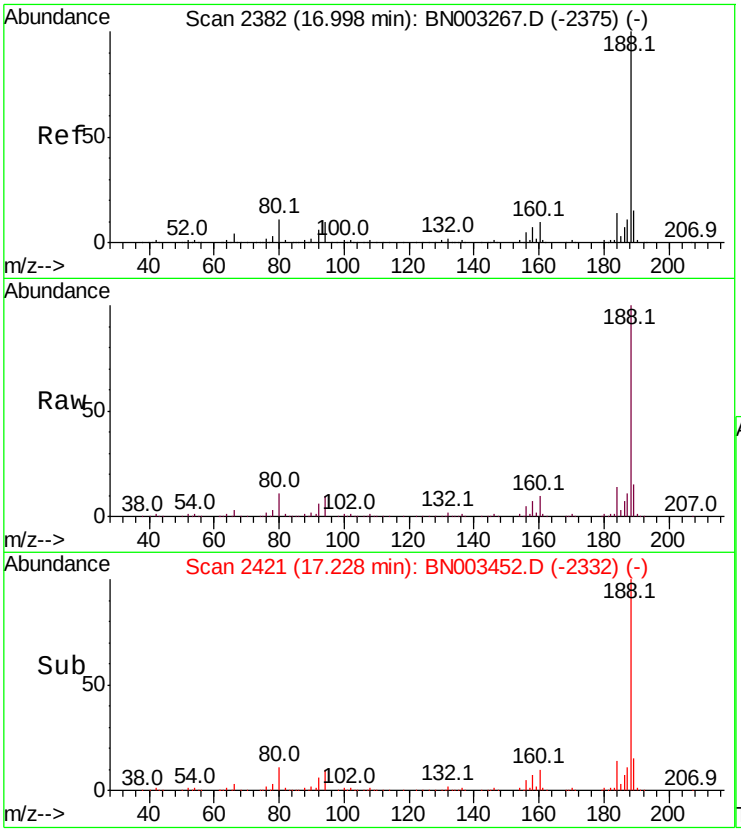




#57
2,4-Dinitrotoluene
Concen: 5.167 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.37 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion:165 Resp: 40183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 45.8 | 68.6# |
| 89 | 1.3 | 58.7 | 88.1# |
| 182 | 0.0 | 2.3 | 3.5# |



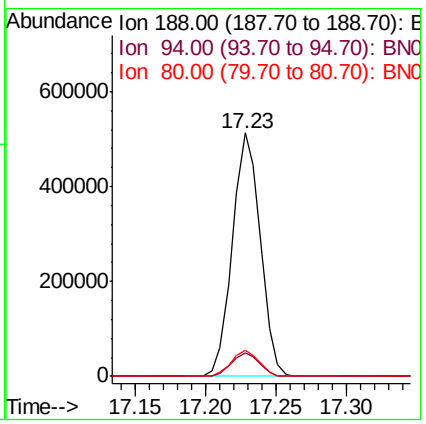


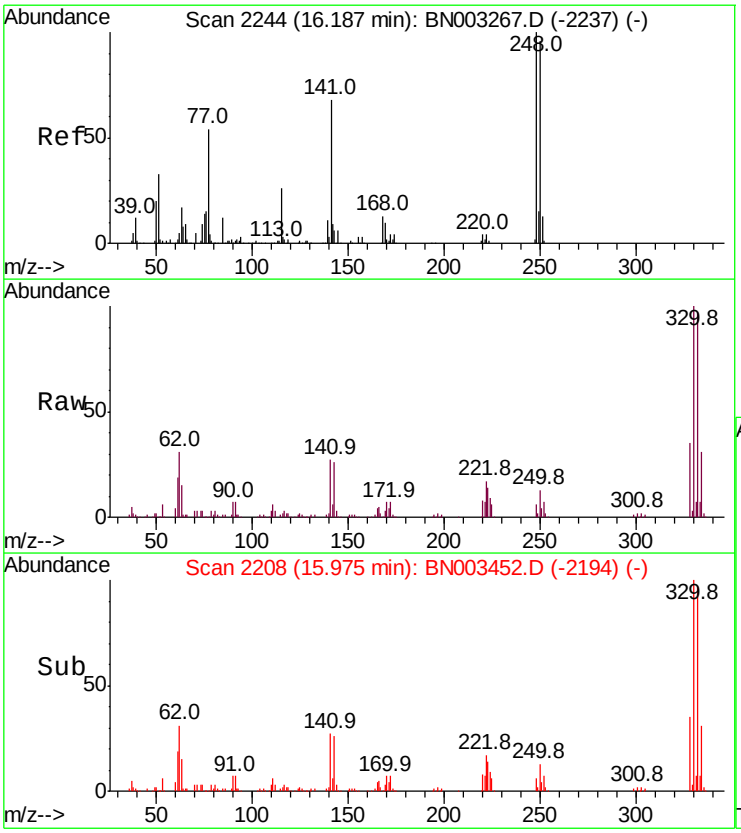

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:188 Resp: 706738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 8.1 | 12.1 |
| 80 | 10.5 | 8.6 | 13.0 |

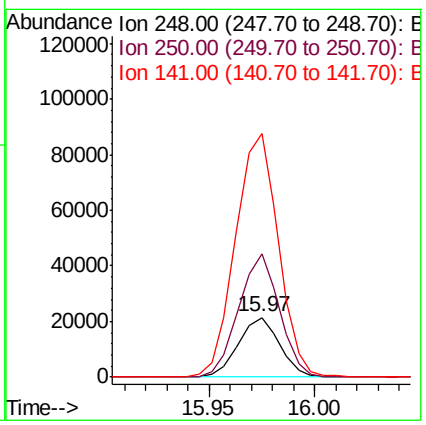


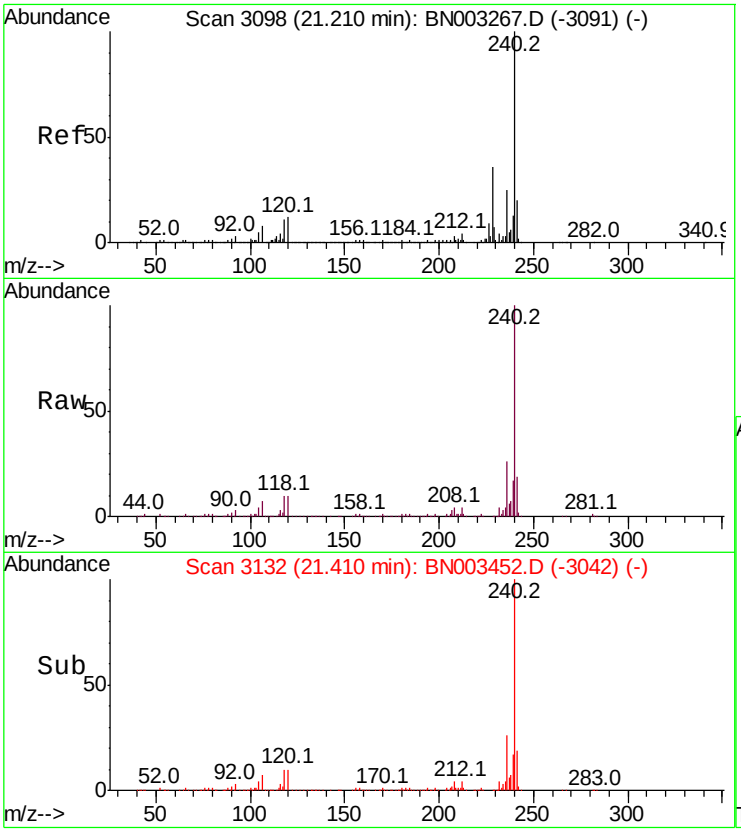




#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion:248 Resp: 28964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 208.7 | 76.4 | 114.6# |
| 141 | 410.8 | 54.2 | 81.4# |



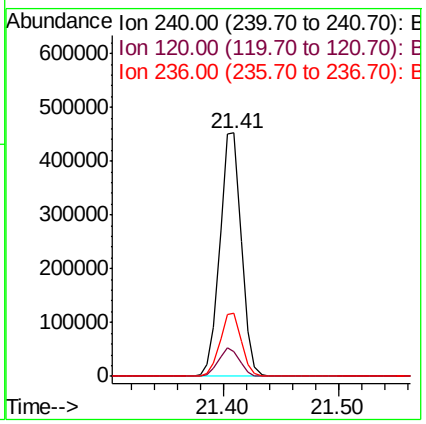


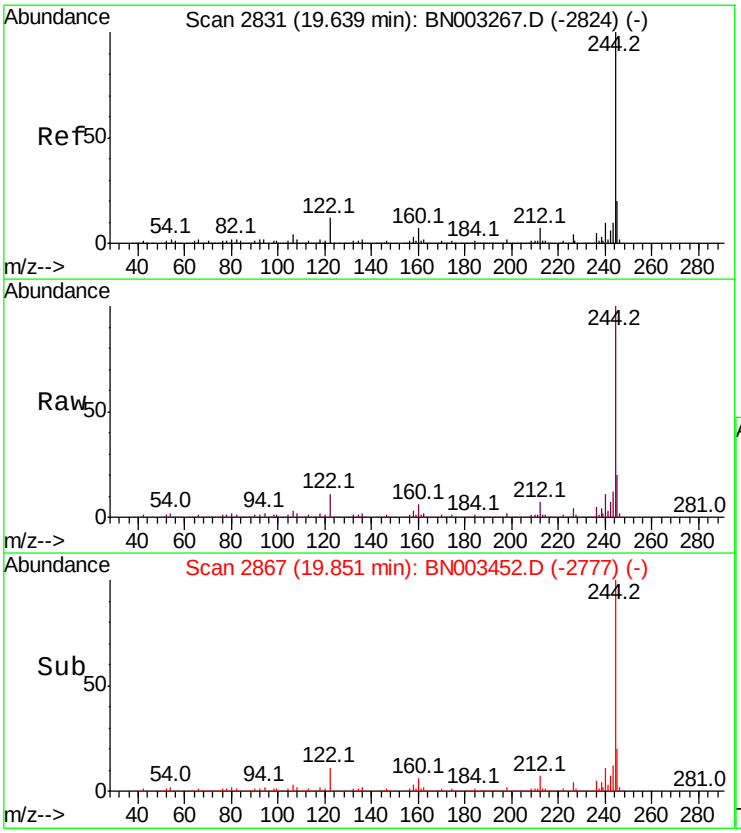

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.41 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:240 Resp: 582497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 9.4 | 14.0 |
| 236 | 25.7 | 20.3 | 30.5 |

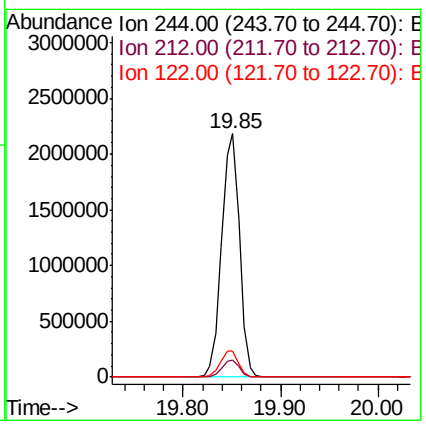


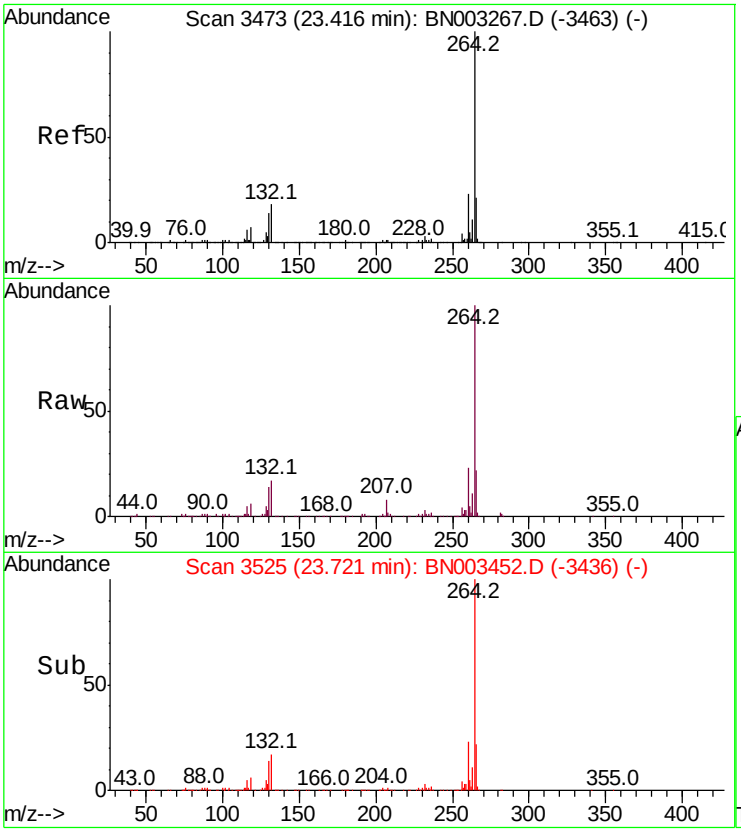




#79
Terphenyl-d14
Concen: 101.226 ng
RT: 19.85 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

Tgt Ion:244 Resp: 2757198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.4 | 8.0 |
| 122 | 10.6 | 9.4 | 14.2 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003452.D
Acq: 07 Nov 2018 15:25

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

Tgt Ion:264 Resp: 553186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.5 | 27.7 |
| 265 | 22.1 | 16.6 | 25.0 |