Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000024.D
Acq On : 06 Feb 2018 10:10
Operator :
Sample : PB106300BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 07 03:11:44 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.48 | 152 | 298949 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 11.32 | 136 | 1422087 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 15.08 | 164 | 872395 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.80 | 188 | 2227107 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.93 | 240 | 2691587 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 24.42 | 264 | 3007084 | 20.00 | ng | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.95 | 112 | 2830376 | 139.60 | ng | 0.00 |
| 7) Phenol-d6 | 7.59 | 99 | 3948418 | 128.21 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.65 | 82 | 1873928 | 79.68 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.55 | 330 | 1018038 | 116.08 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.72 | 172 | 5232494 | 80.33 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.37 | 244 | 8962834 | 87.89 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 7.59 | 77 | 7372 | Below Cal | # | 9 |
| 19) n-Nitroso-di-n-propylamine | 9.65 | 70 | 240598 | 11.593 | ng | # 72 |
| 47) 2-Nitroaniline | 13.72 | 65 | 8828 | 7.708 | ng | # 1 |
| 50) 2,6-Dinitrotoluene | 15.08 | 165 | 110767 | 12.037 | ng | # 20 |
| 56) 2,4-Dinitrotoluene | 15.08 | 165 | 110767 | 11.777 | ng | # 18 |
| 64) 4,6-Dinitro-2-methylphenol | 16.55 | 198 | 4017 | 9.342 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 16.55 | 248 | 74916 | 3.595 | ng | # 1 |
| 76) Benzidine | 20.37 | 184 | 153714 | 2.256 | ng | # 91 |
| 79) Butylbenzylphthalate | 21.04 | 149 | 303 | 5.050 | ng | # 88 |

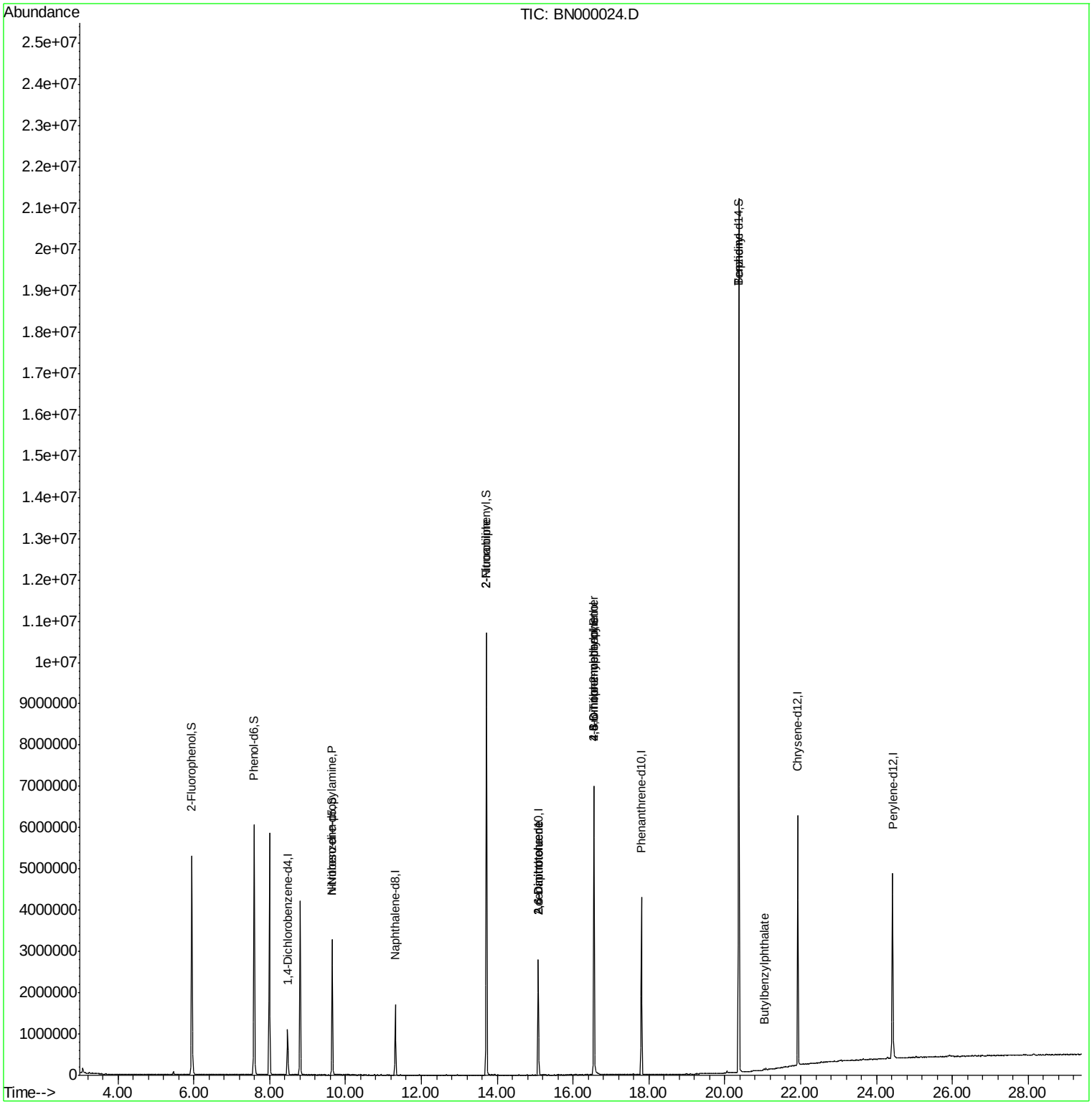
(#) = qualifier out of range (m) = manual integration (+) = signals summed

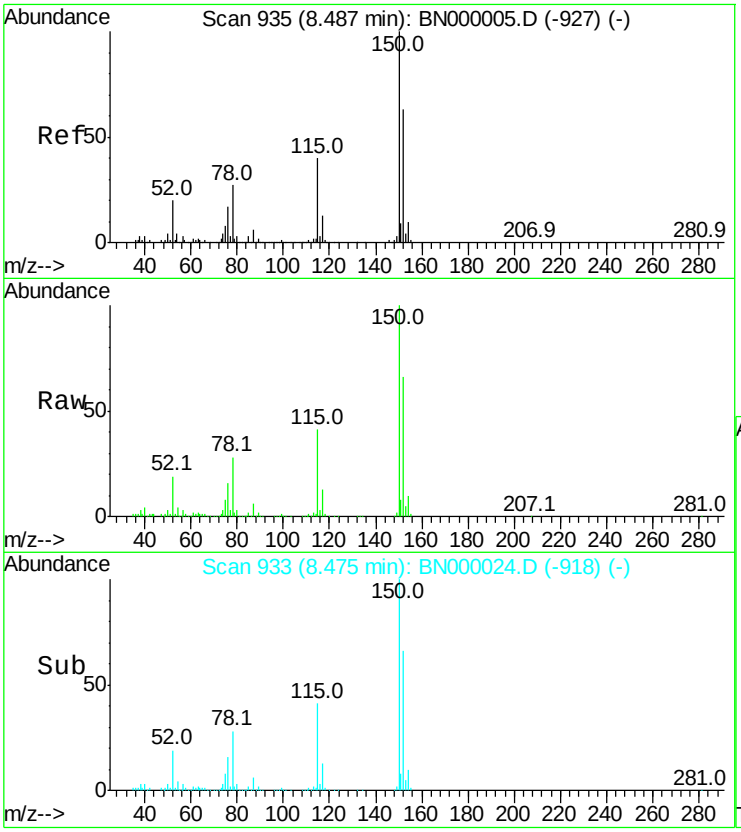
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000024.D
Acq On : 06 Feb 2018 10:10
Operator :
Sample : PB106300BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 07 03:11:44 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration



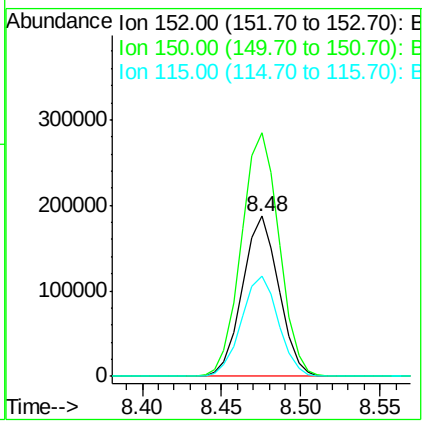


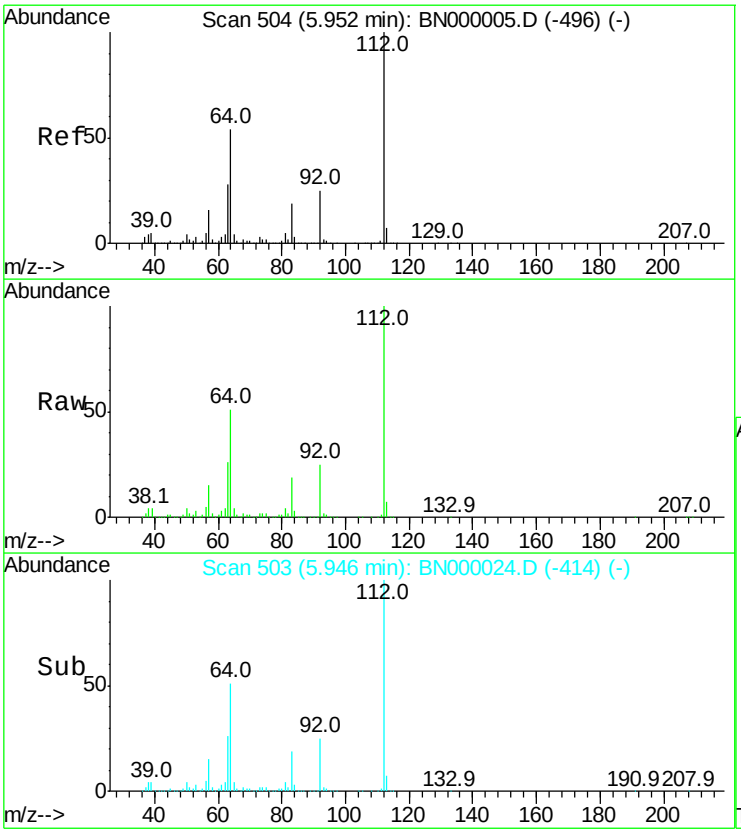

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:152 Resp: 298949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.3 | 126.6 | 189.8 |
| 115 | 62.6 | 53.0 | 79.4 |

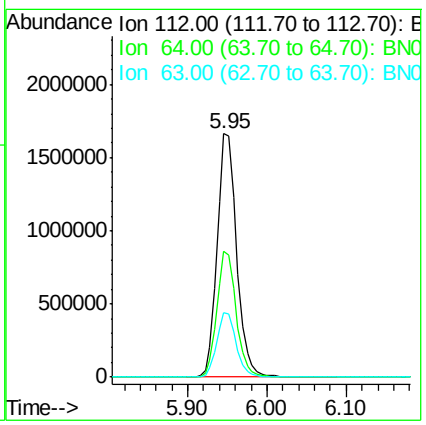


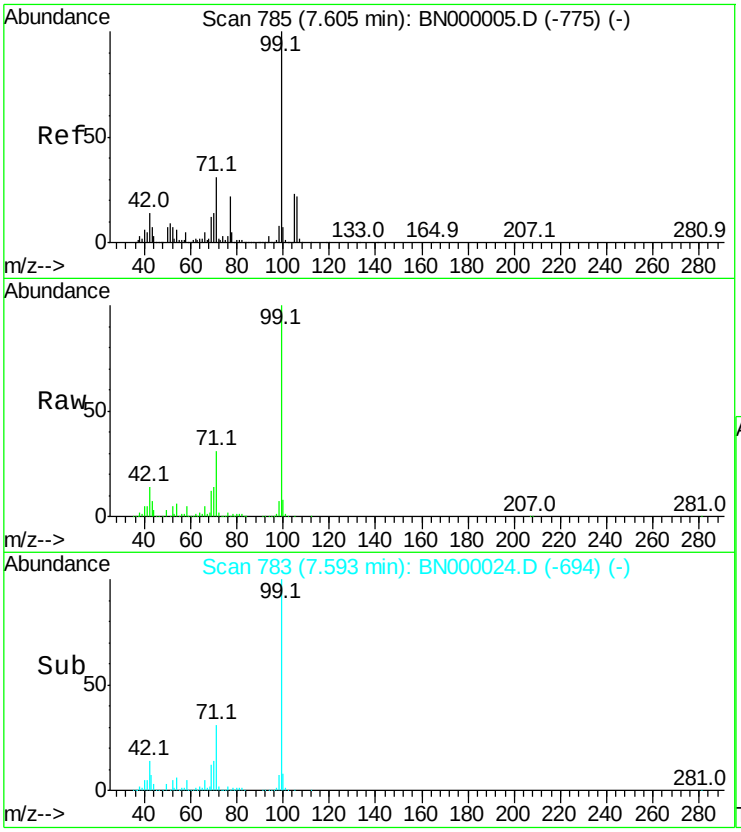




#5
2-Fluorophenol
Concen: 139.596 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:112 Resp: 2830376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.5 | 56.3 | 84.5# |
| 63 | 26.4 | 30.1 | 45.1# |



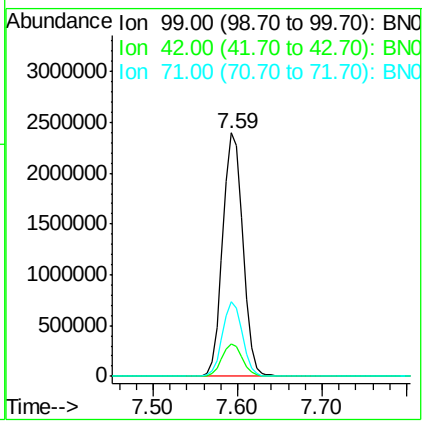


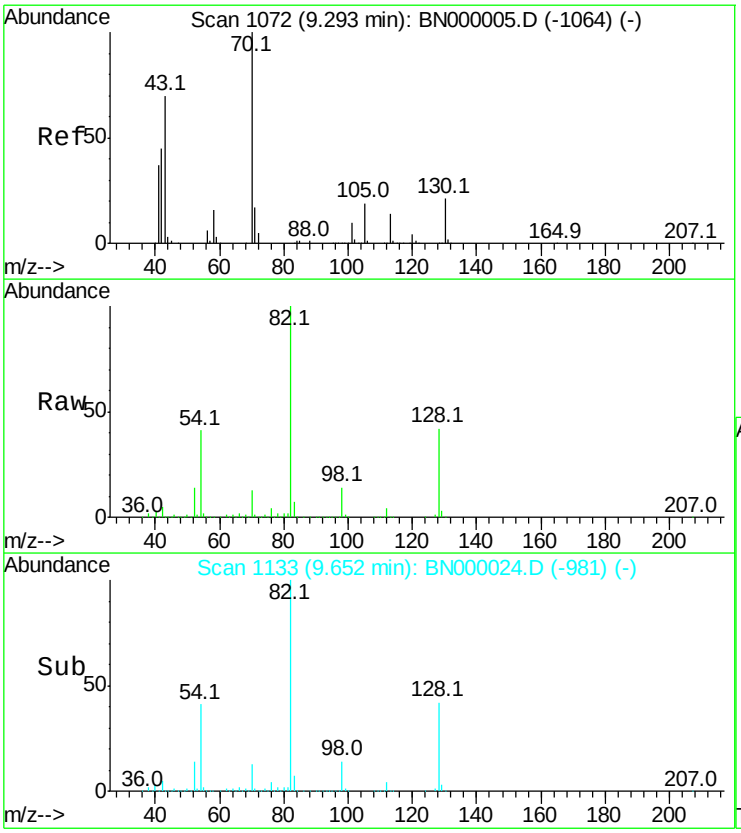

#7
Phenol-d6
Concen: 128.205 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion: 99 Resp: 3948418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.5 | 14.1 | 21.1# |
| 71 | 30.7 | 26.1 | 39.1 |

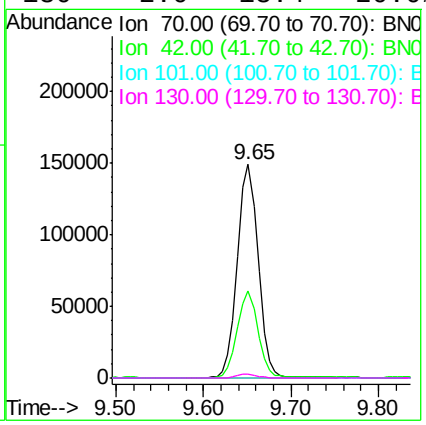


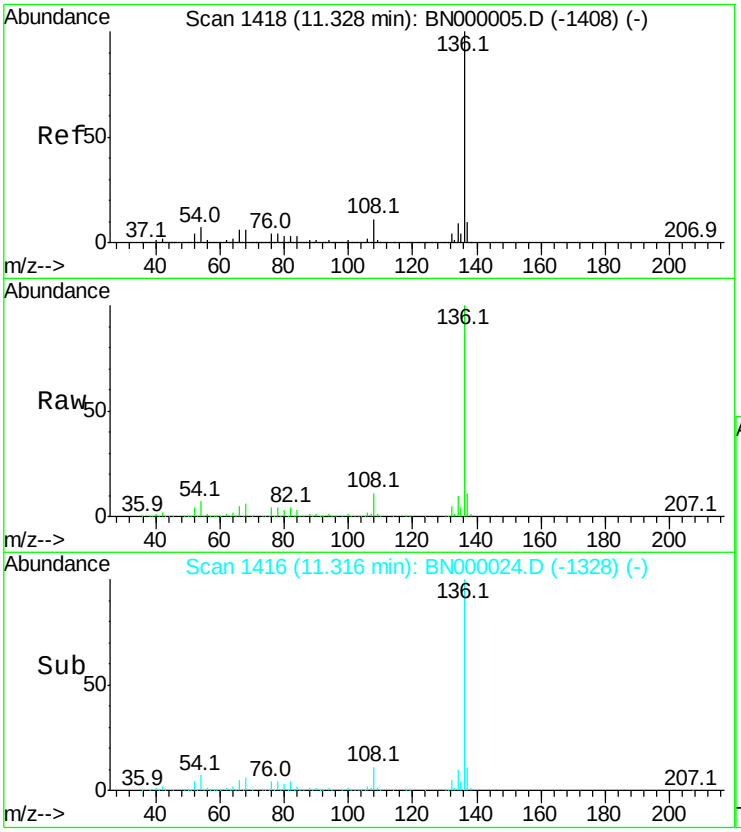




#19
n-Nitroso-di-n-propylamine
Concen: 11.593 ng
RT: 9.65 min Scan# 1133
Delta R.T. 0.36 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion: 70 Resp: 240598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 41.0 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 2.0 | 13.4 | 20.0# |



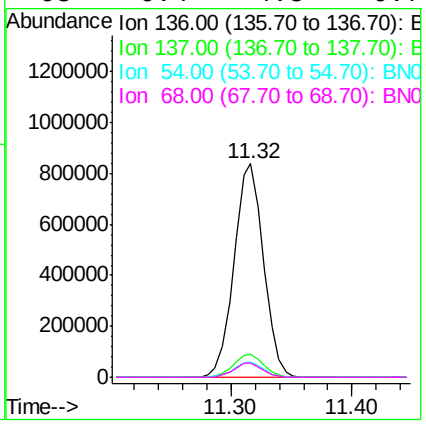


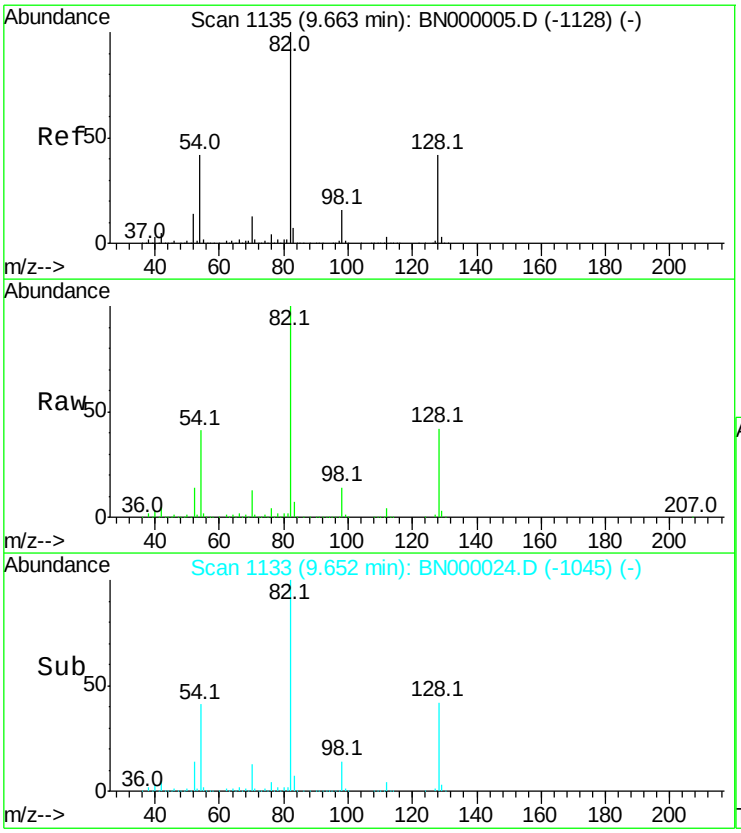

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:136 Resp: 1422087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.2 | 13.8 |
| 54 | 7.1 | 10.3 | 15.5# |
| 68 | 6.4 | 4.5 | 6.7 |

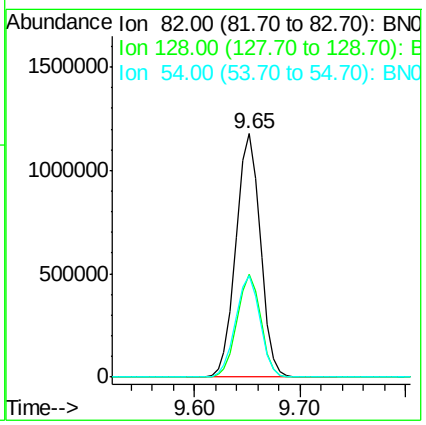


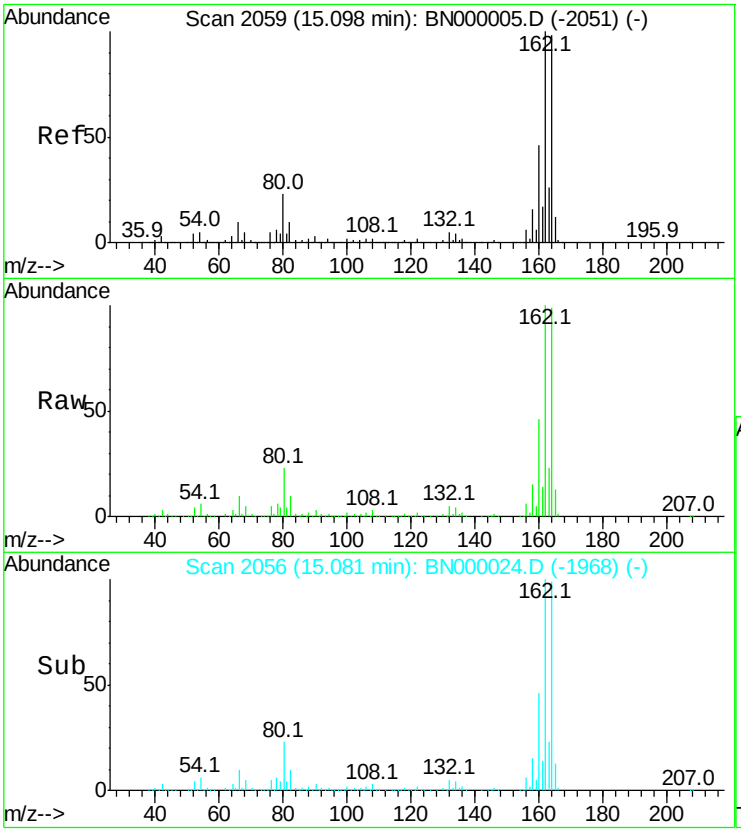




#23
Nitrobenzene-d5
Concen: 79.682 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion: 82 Resp: 1873928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 29.7 | 44.5 |
| 54 | 41.5 | 43.1 | 64.7# |



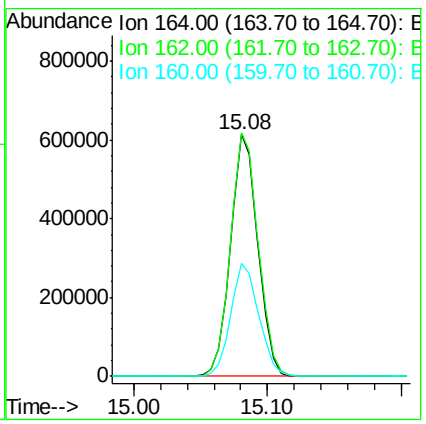


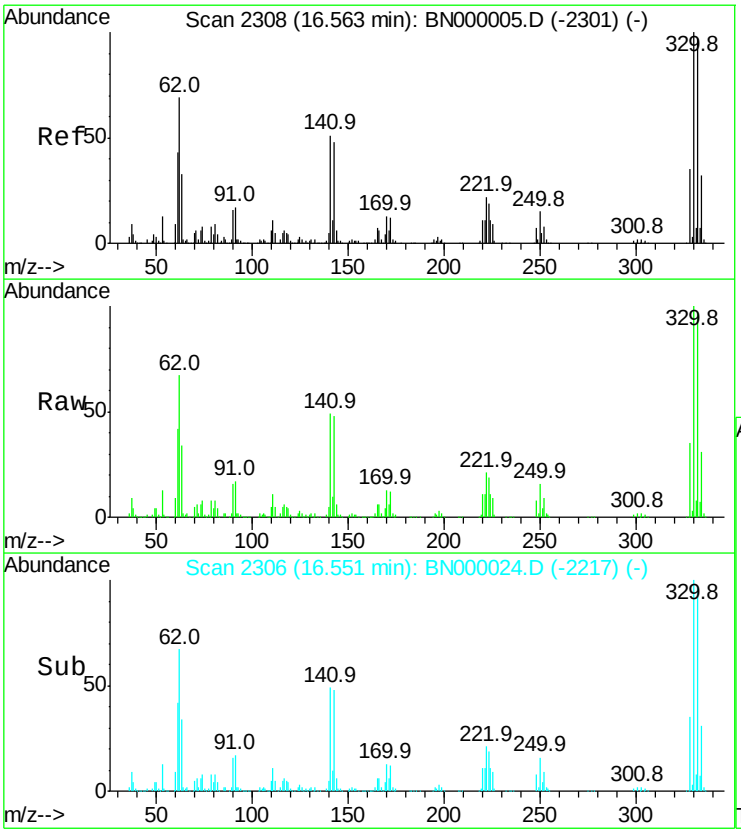

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:164 Resp: 872395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 78.8 | 118.2 |
| 160 | 46.5 | 35.4 | 53.0 |

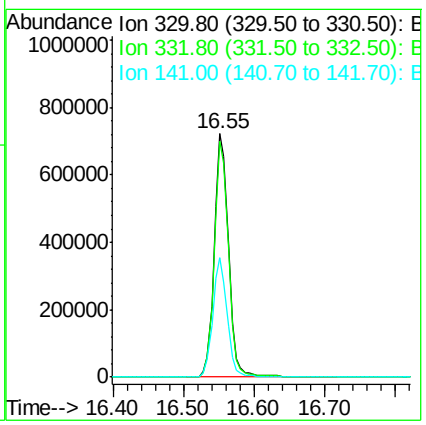


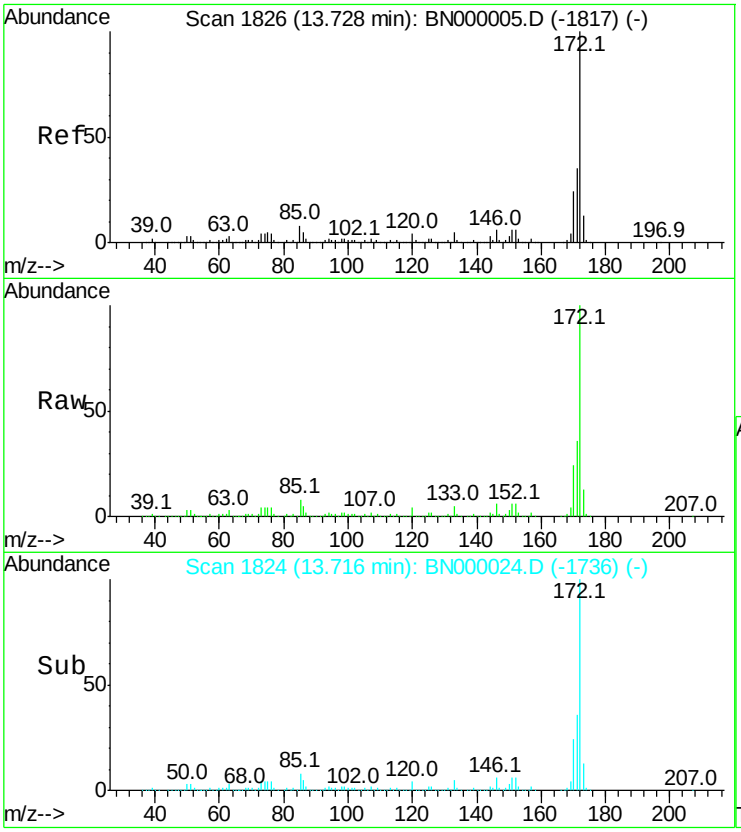




#41
2,4,6-Tribromophenol
Concen: 116.084 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:330 Resp: 1018038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.0 | 115.6 |
| 141 | 49.0 | 25.2 | 37.8# |



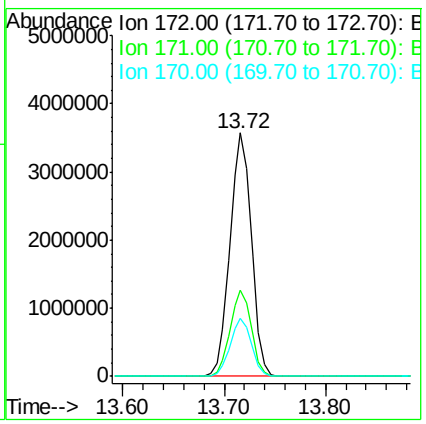


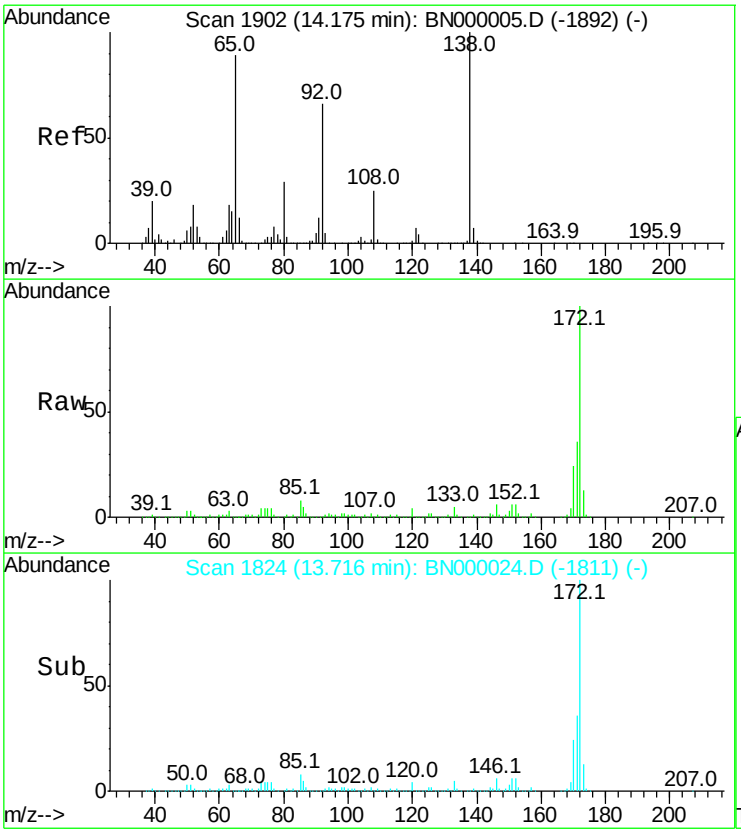

#44
2-Fluorobiphenyl
Concen: 80.328 ng
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:172 Resp: 5232494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 30.0 | 45.0 |
| 170 | 23.7 | 19.5 | 29.3 |

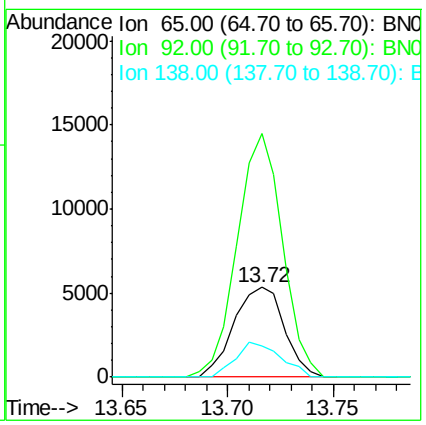


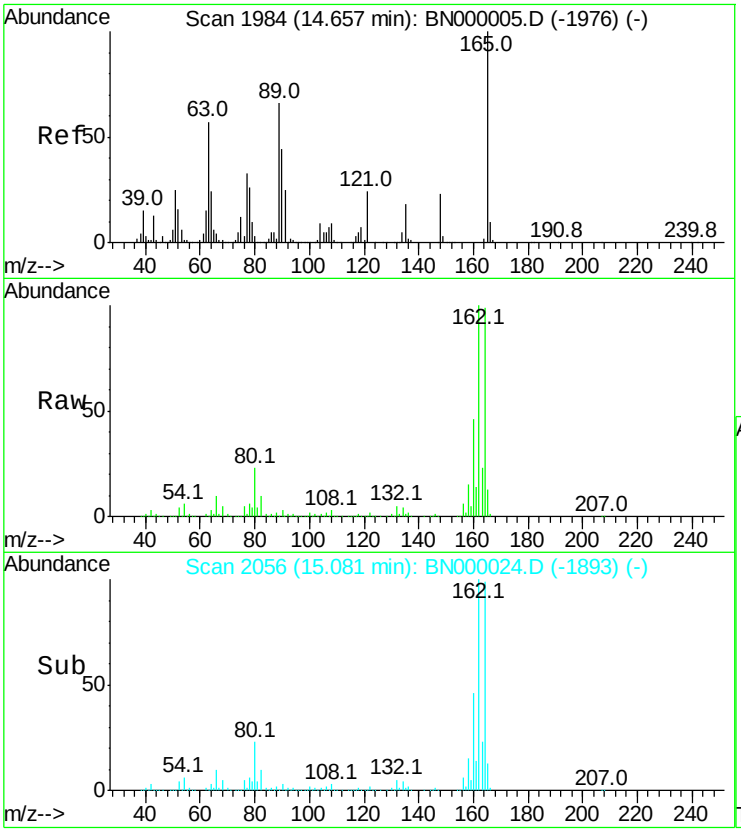




#47
2-Nitroaniline
Concen: 7.708 ng
RT: 13.72 min Scan# 1824
Delta R.T. -0.45 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion: 65 Resp: 8828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 270.8 | 54.6 | 82.0# |
| 138 | 34.4 | 72.9 | 109.3# |



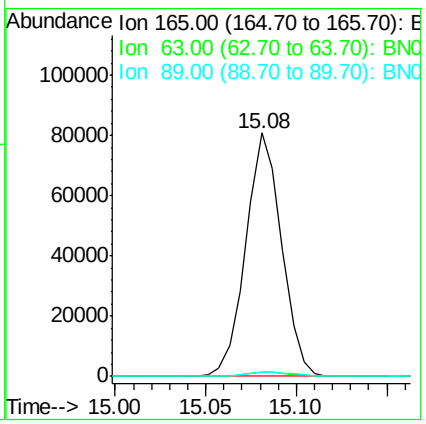


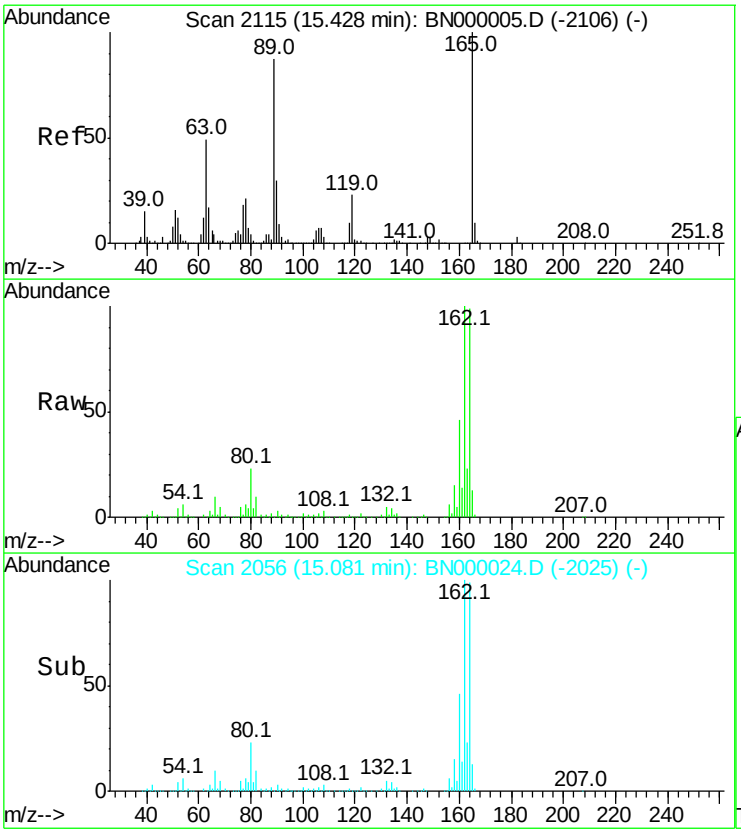

#50
2,6-Dinitrotoluene
Concen: 12.037 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.43 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:165 Resp: 110767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 52.7 | 79.1# |
| 89 | 1.5 | 49.2 | 73.8# |

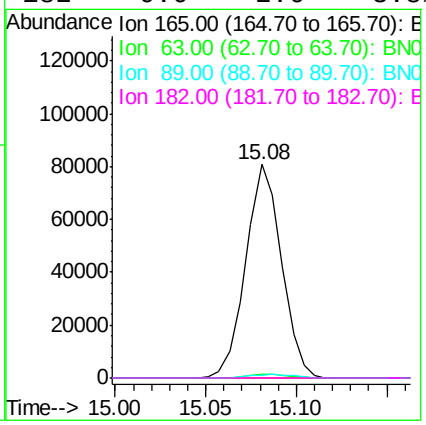


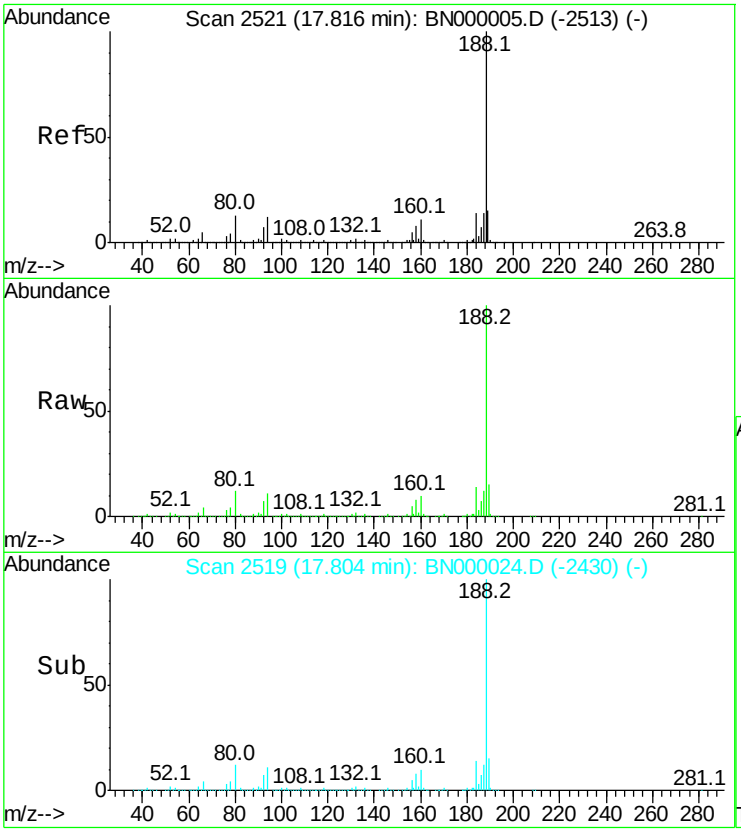




#56
2,4-Dinitrotoluene
Concen: 11.777 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.35 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:165 Resp: 110767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 42.0 | 63.0# |
| 89 | 1.5 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |



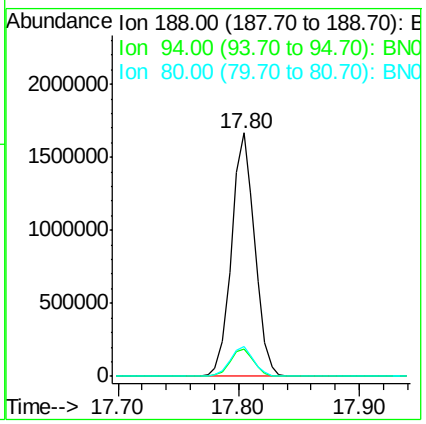


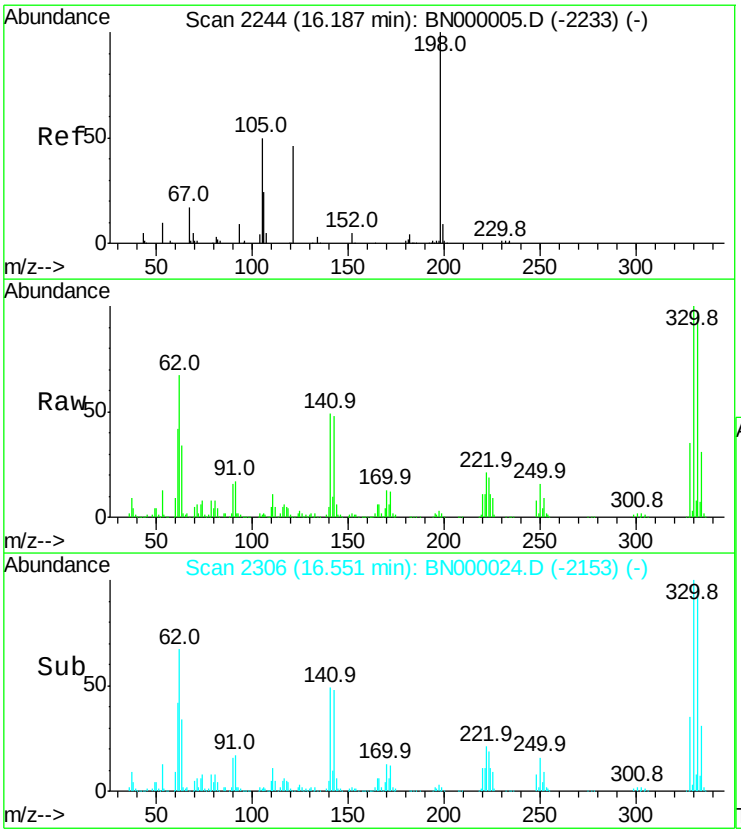

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:188 Resp: 2227107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.2 | 6.9 | 10.3# |
| 80 | 12.1 | 7.7 | 11.5# |

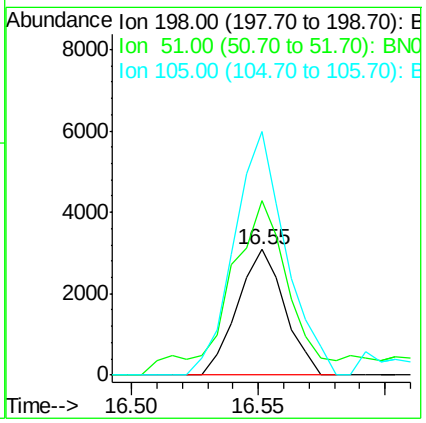


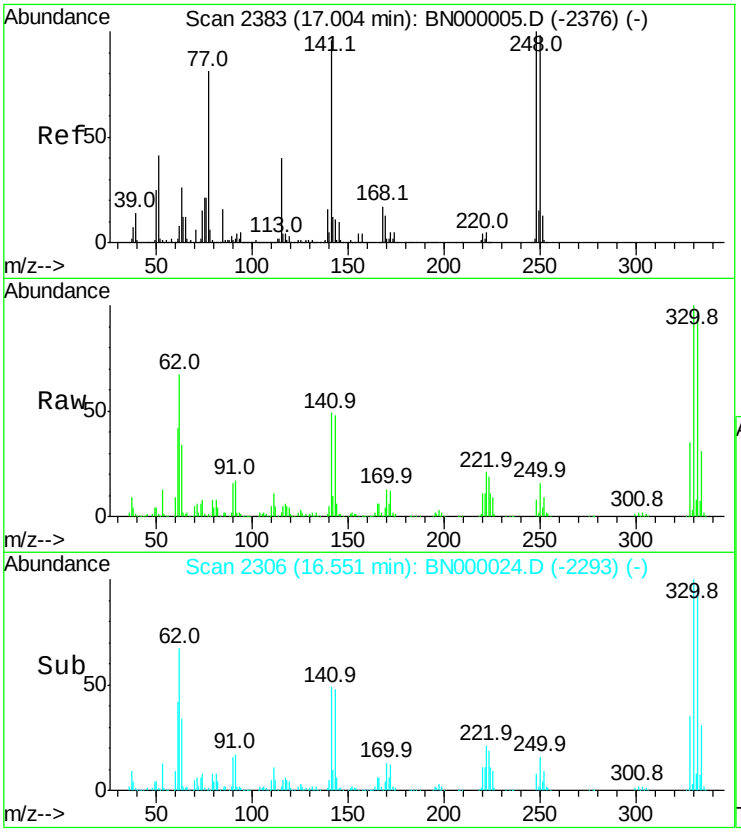




#64
4,6-Dinitro-2-methylphenol
Concen: 9.342 ng
RT: 16.55 min Scan# 2306
Delta R.T. 0.37 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:198 Resp: 4017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 138.6 | 30.6 | 70.6# |
| 105 | 193.5 | 23.8 | 63.8# |



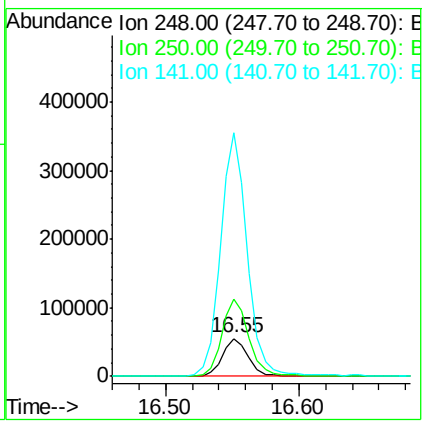


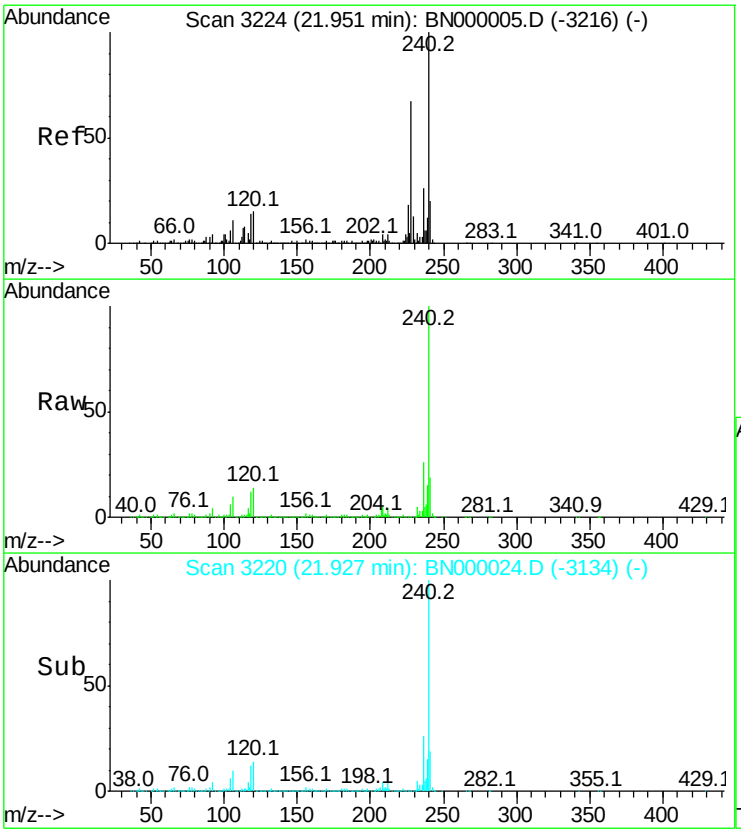

#66
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.45 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:248 Resp: 74916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 205.2 | 77.1 | 115.7# |
| 141 | 647.6 | 50.8 | 76.2# |

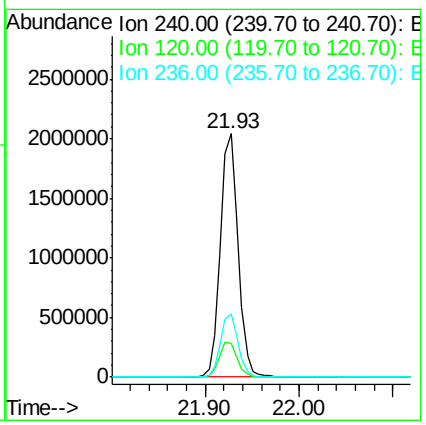


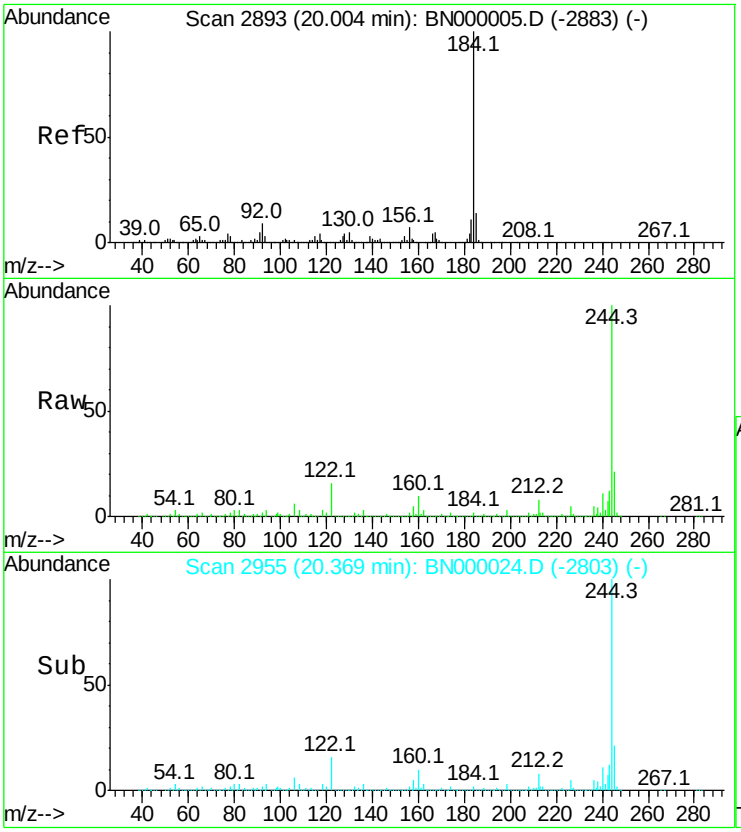




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:240 Resp: 2691587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 6.8 | 10.2# |
| 236 | 26.1 | 20.9 | 31.3 |



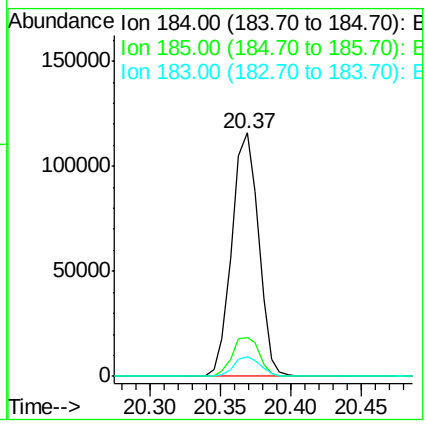


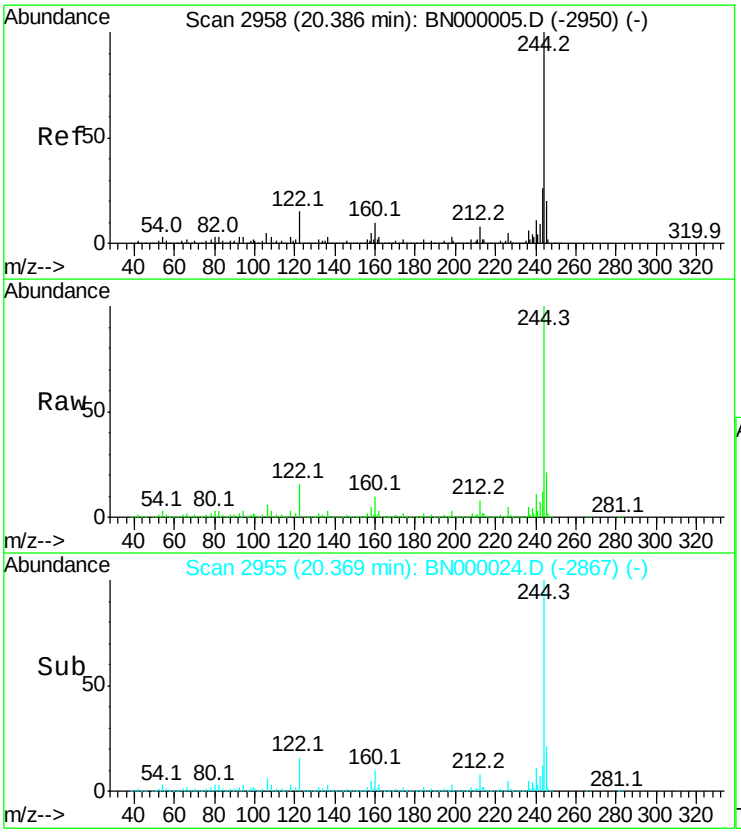

#76
Benzidine
Concen: 2.256 ng
RT: 20.37 min Scan# 2955
Delta R.T. 0.36 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:184 Resp: 153714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.2 | 11.1 | 16.7 |
| 183 | 8.0 | 10.6 | 16.0# |

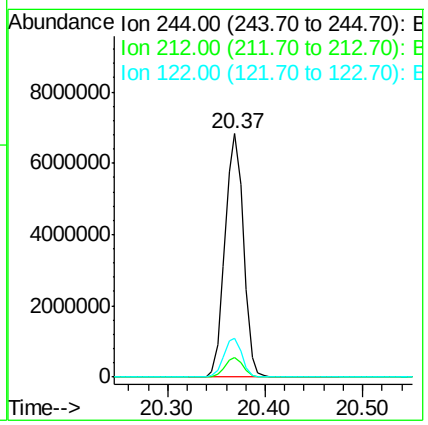


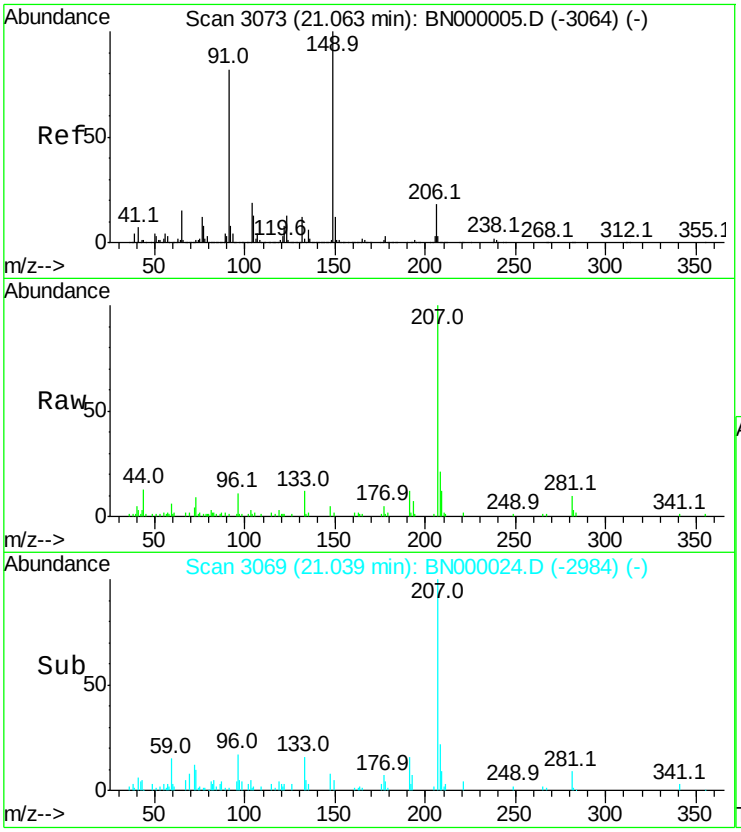




#78
Terphenyl-d14
Concen: 87.892 ng
RT: 20.37 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:244 Resp: 8962834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 5.8 | 8.8 |
| 122 | 16.0 | 7.0 | 10.4# |



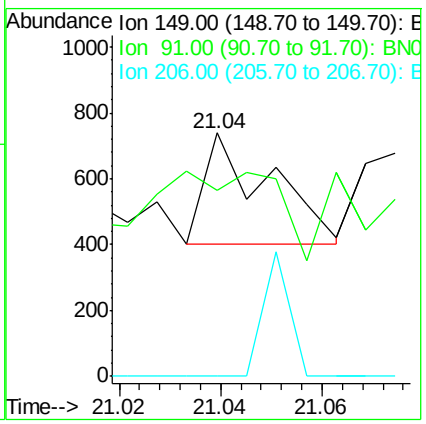


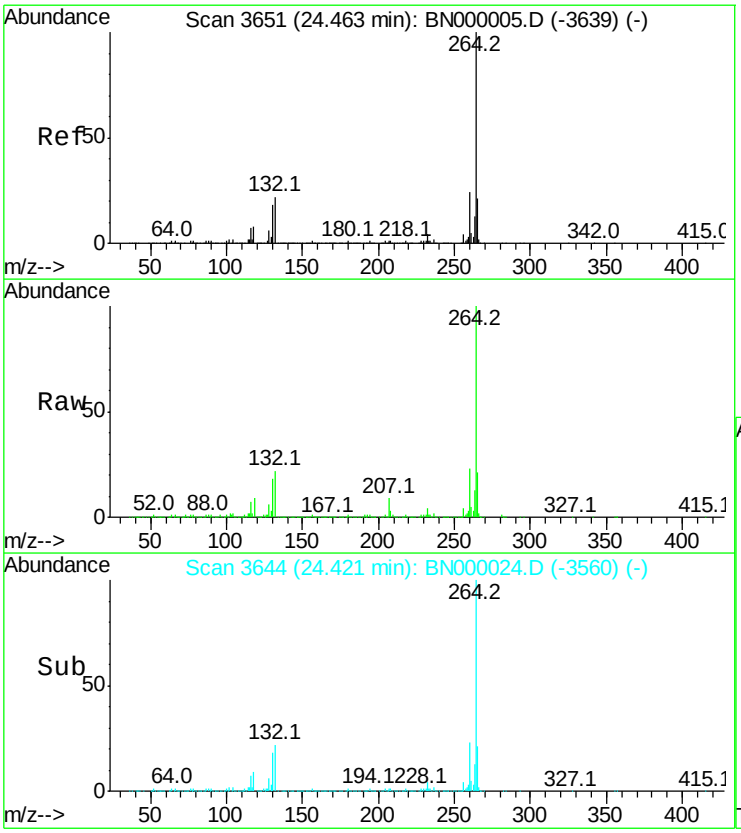

#79
Butylbenzylphthalate
Concen: 5.050 ng
RT: 21.04 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

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

Tgt Ion:149 Resp: 303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.3 | 62.2 | 93.2 |
| 206 | 0.0 | 18.6 | 27.8# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.42 min Scan# 3644
Delta R.T. -0.04 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:264 Resp: 3007084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 17.4 | 26.0 |
| 265 | 21.2 | 17.7 | 26.5 |