Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092864.D
Acq On : 8 Feb 2017 20:19
Operator : SJ/MA
Sample : I1739-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 020217-PR-E-U-M

Quant Time: Feb 08 23:43:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 139135 | 20.00 | ng | -0.07 |
| 21) Naphthalene-d8 | 8.18 | 136 | 583112 | 20.00 | ng | -0.08 |
| 38) Acenaphthene-d10 | 9.93 | 164 | 299991 | 20.00 | ng | -0.08 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 517696 | 20.00 | ng | -0.08 |
| 75) Chrysene-d12 | 14.05 | 240 | 508126 | 20.00 | ng | -0.09 |
| 86) Perylene-d12 | 15.51 | 264 | 468826 | 20.00 | ng | -0.10 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 306904 | 37.84 | ng | -0.08 |
| 7) Phenol-d6 | 6.52 | 99 | 233791 | 22.40 | ng | -0.08 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 815098 | 77.84 | ng | -0.08 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 194110 | 89.46 | ng | -0.08 |
| 44) 2-Fluorobiphenyl | 9.25 | 172 | 1488775 | 89.91 | ng | -0.08 |
| 78) Terphenyl-d14 | 13.00 | 244 | 1688661 | 78.09 | ng | -0.08 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.46 | 70 | 106276 | 16.00 | ng | # 84 |
| 25) Isophorone | 7.46 | 82 | 810424 | 41.53 | ng | # 65 |
| 50) 2,6-Dinitrotoluene | 9.93 | 165 | 39662 | 9.09 | ng | # 30 |
| 56) 2,4-Dinitrotoluene | 9.93 | 165 | 39663 | 6.83 | ng | # 19 |
| 64) 4,6-Dinitro-2-methylphenol | 10.72 | 198 | 553 | 2.83 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 10.72 | 248 | 13555 | 2.51 | ng | # 1 |

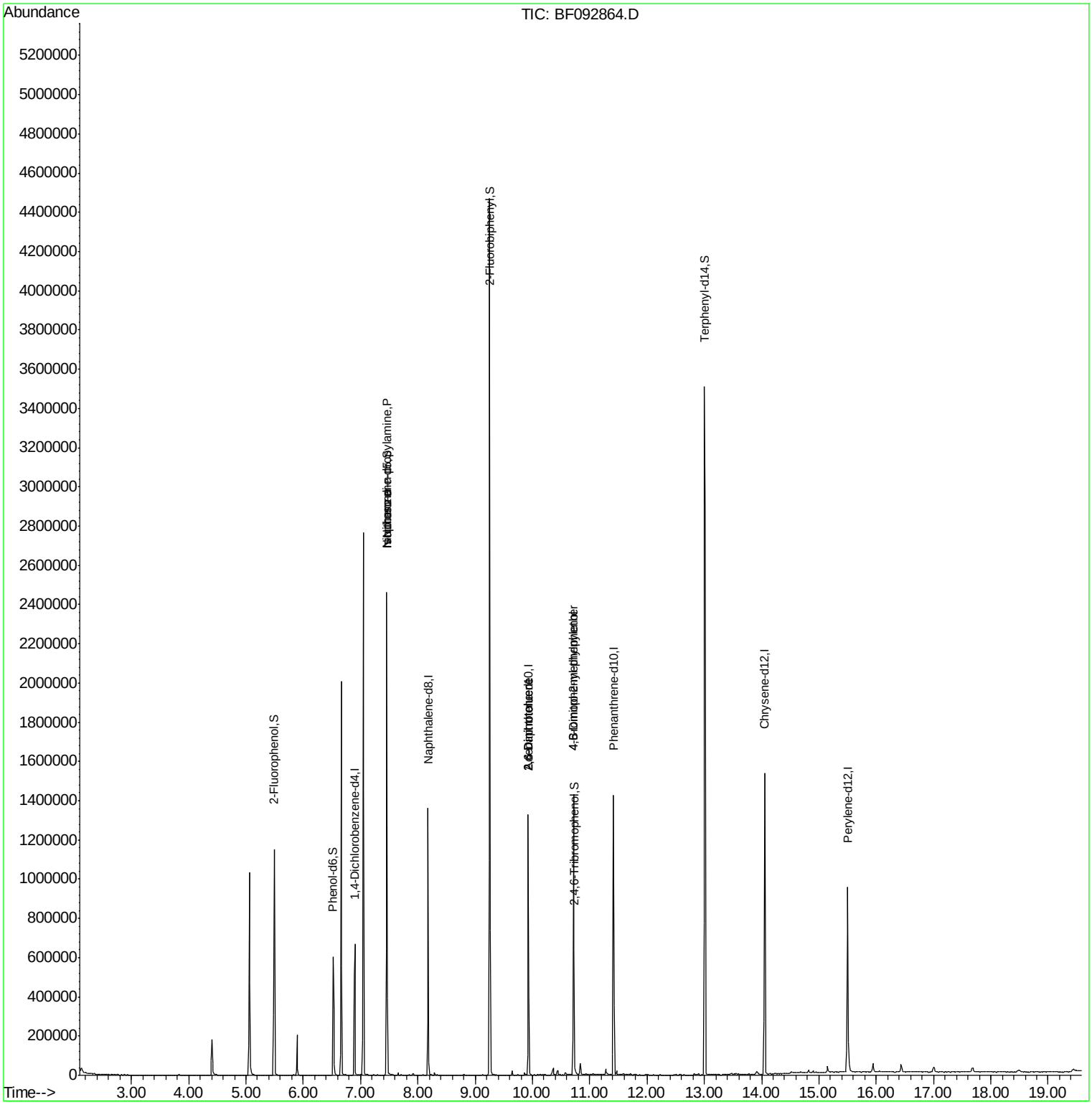
(#) = qualifier out of range (m) = manual integration (+) = signals summed

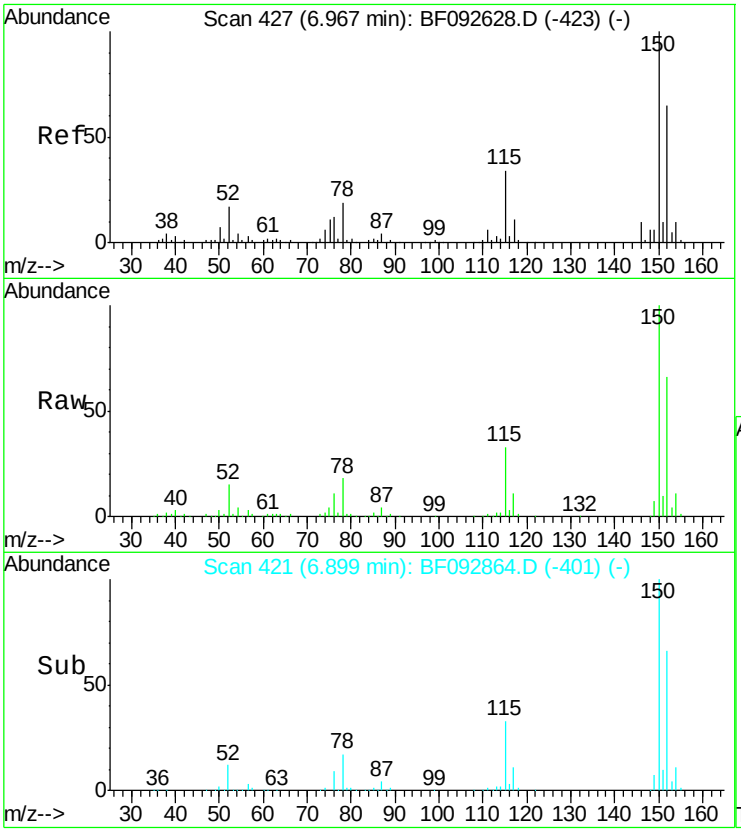
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092864.D
Acq On : 8 Feb 2017 20:19
Operator : SJ/MA
Sample : I1739-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 020217-PR-E-U-M

Quant Time: Feb 08 23:43:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration



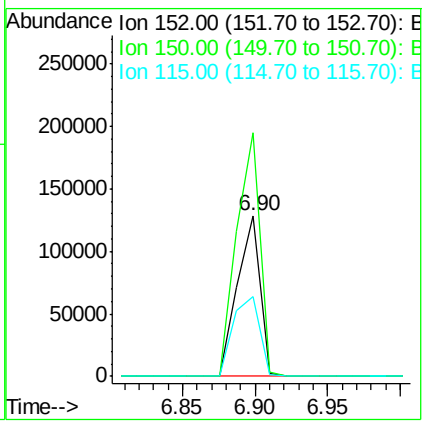


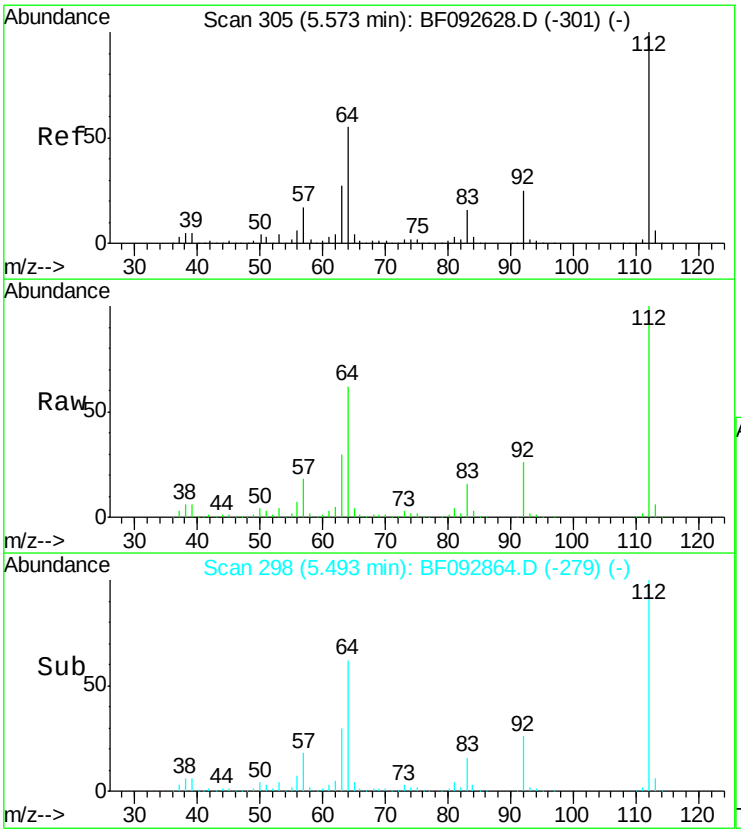

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:152 Resp: 139135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.7 | 124.9 | 187.3 |
| 115 | 50.1 | 46.0 | 69.0 |

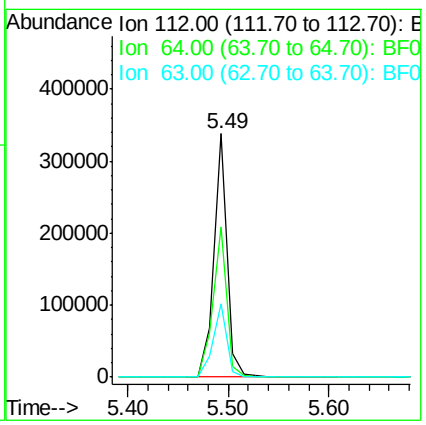


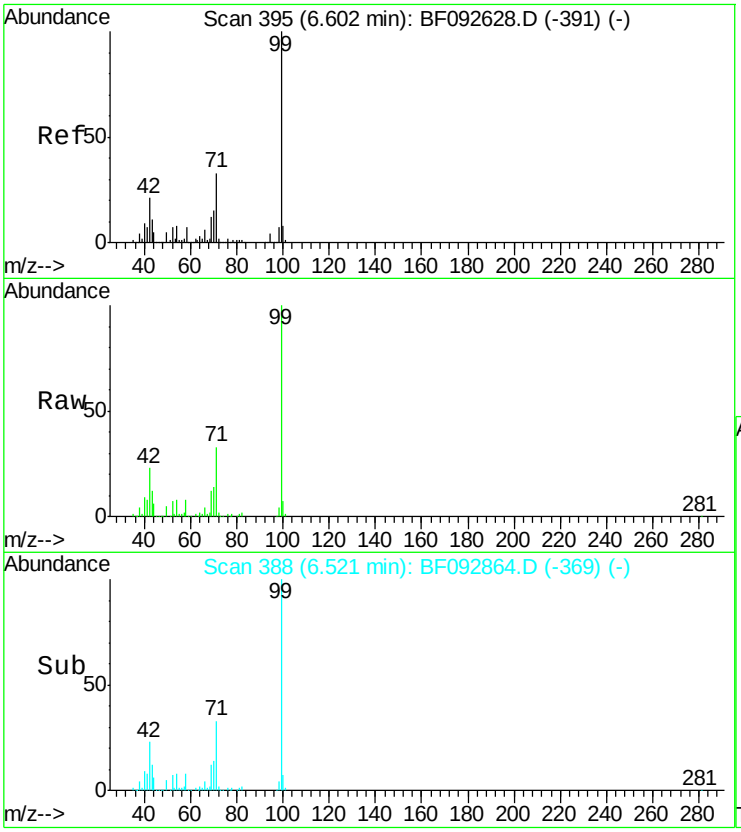




#5
2-Fluorophenol
Concen: 37.84 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:112 Resp: 306904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.6 | 46.1 | 69.1 |
| 63 | 30.4 | 23.8 | 35.6 |



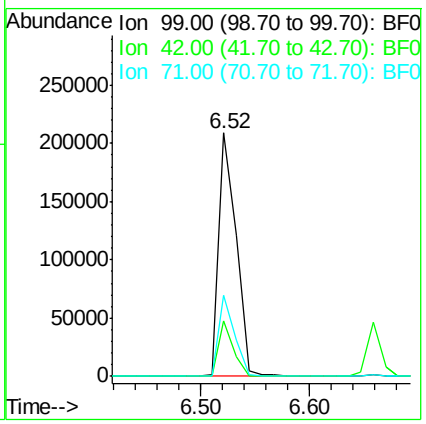


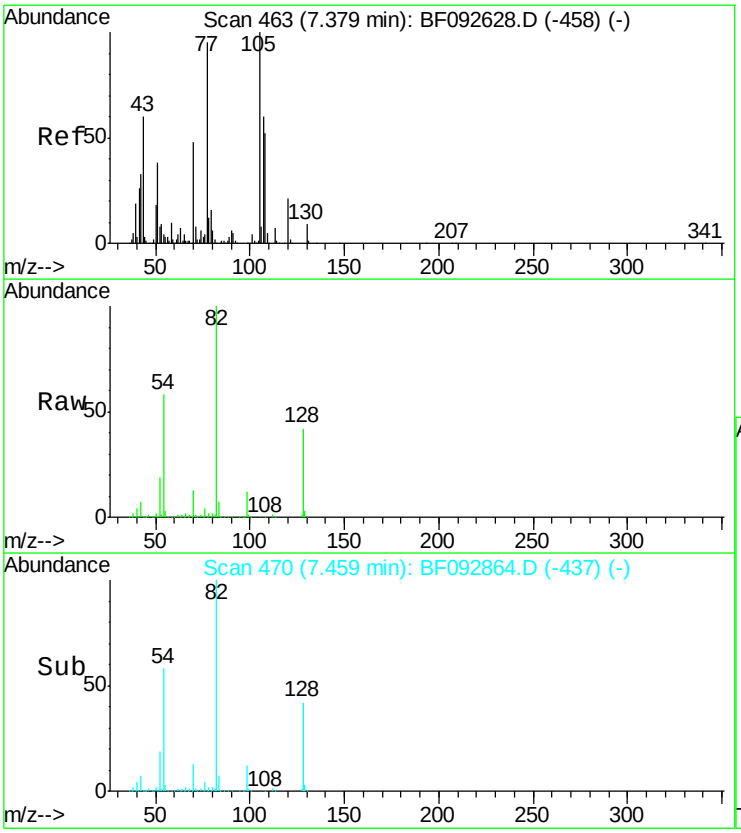

#7
Phenol-d6
Concen: 22.40 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion: 99 Resp: 233791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.0 | 15.6 | 23.4 |
| 71 | 33.1 | 27.5 | 41.3 |

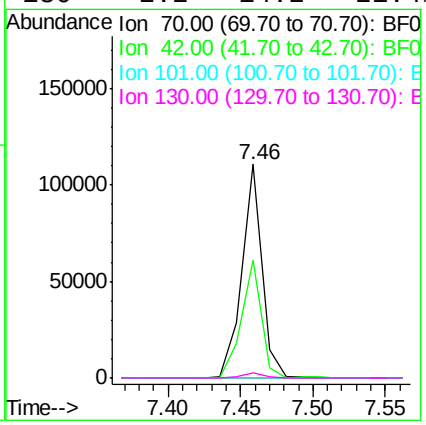


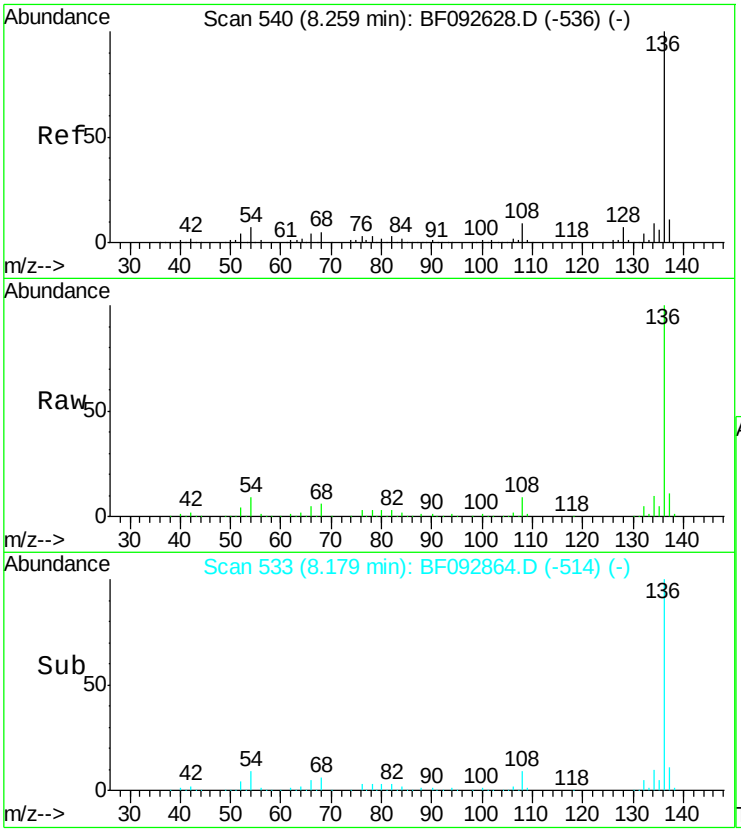




#19
n-Nitroso-di-n-propylamine
Concen: 16.00 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion: 70 Resp: 106276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.0 | 49.4 | 74.0 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.2 | 14.2 | 21.4# |



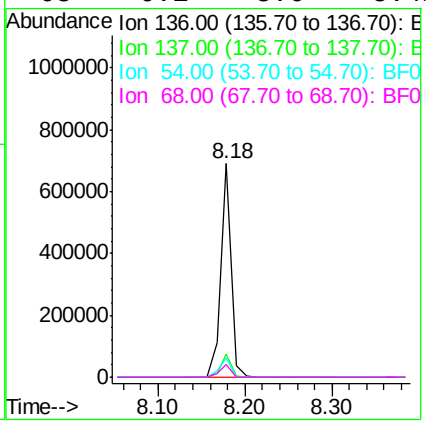


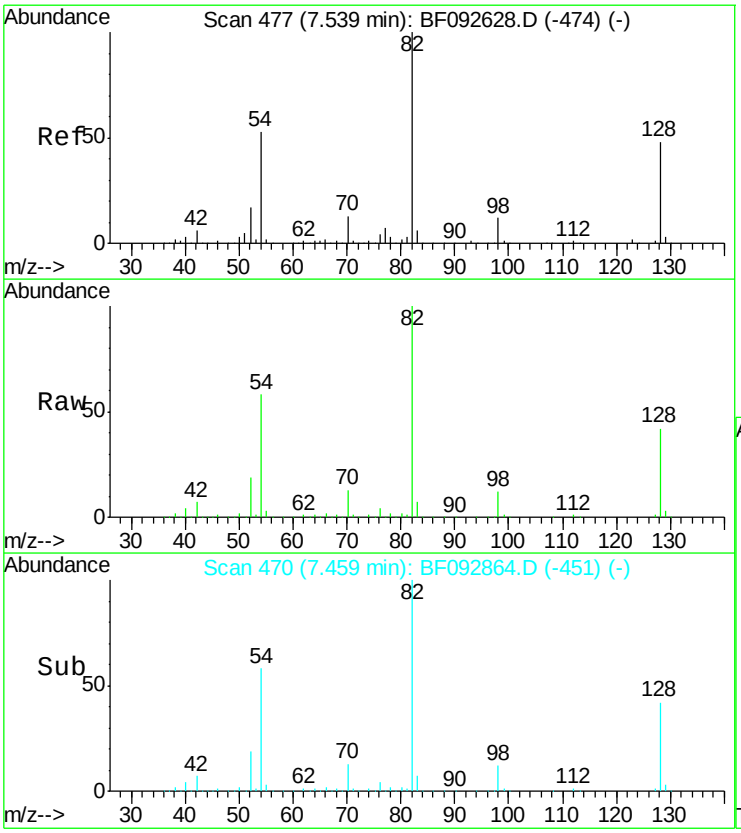

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:136 Resp: 583112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.4 | 12.6 |
| 54 | 9.0 | 4.5 | 6.7# |
| 68 | 6.1 | 3.6 | 5.4# |

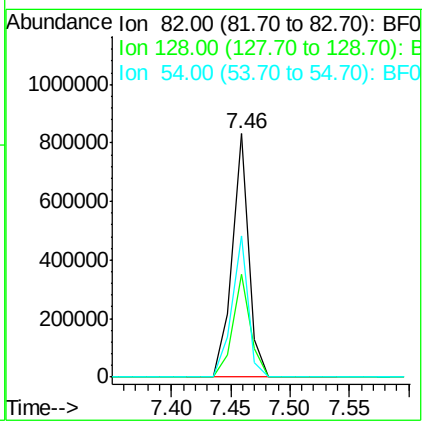


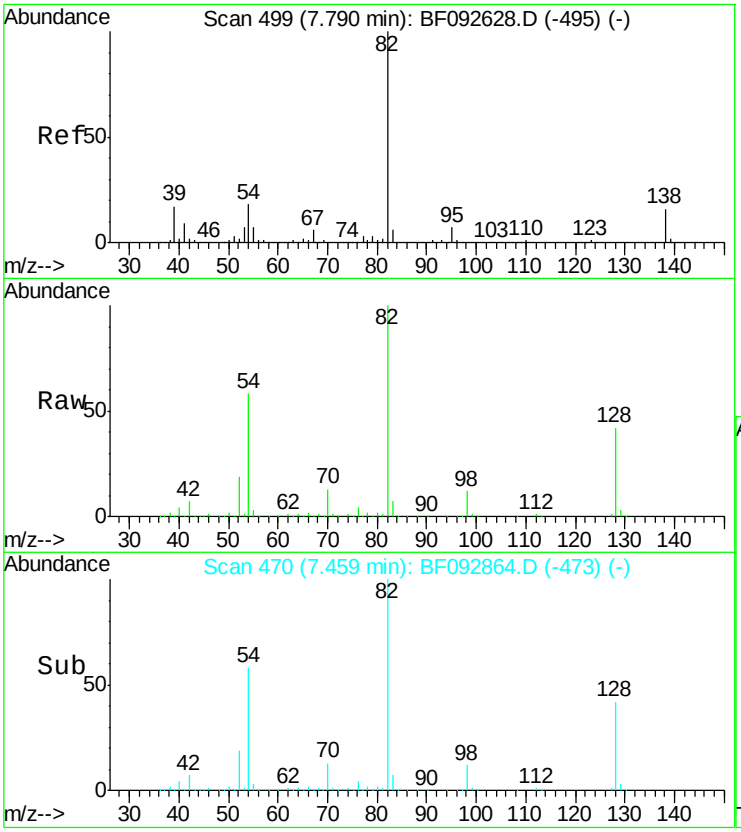




#23
Nitrobenzene-d5
Concen: 77.84 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion: 82 Resp: 815098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.3 | 34.6 | 52.0 |
| 54 | 57.8 | 39.5 | 59.3 |



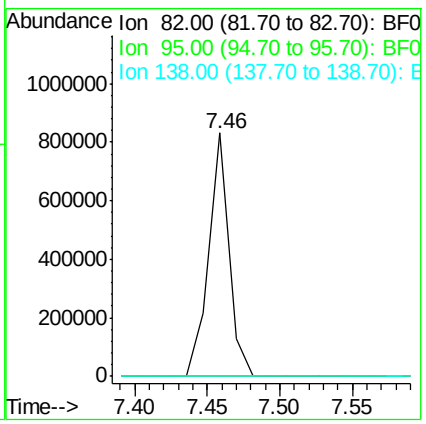


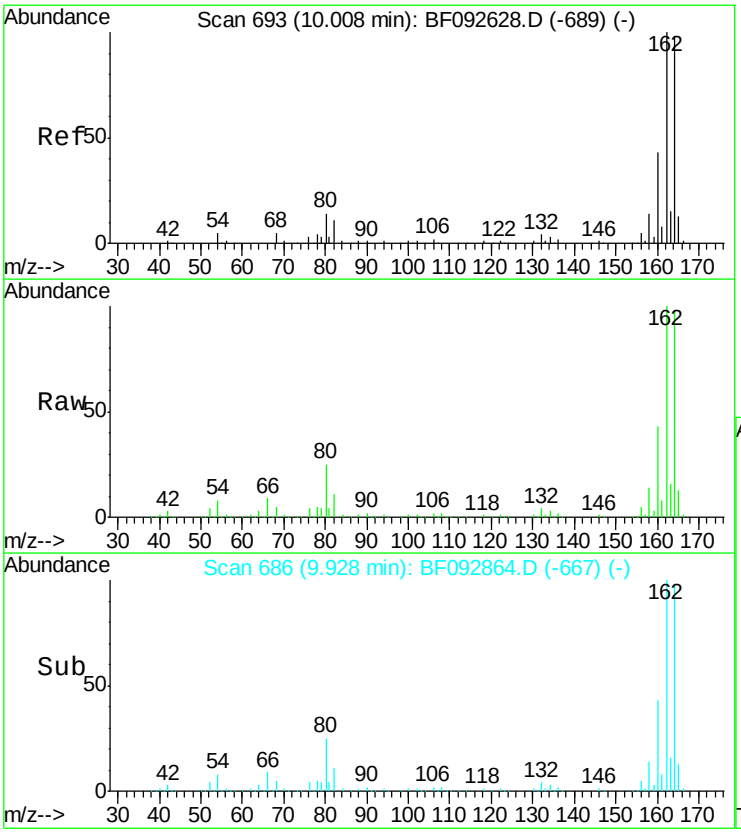

#25
Isophorone
Concen:  41.53 ng
RT: 7.46 min  Scan# 470
Delta R.T.  -0.33 min
Lab File:  BF092864.D
Acq:  8 Feb 2017  20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion: 82 Resp:  810424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 14.6 | 22.0# |

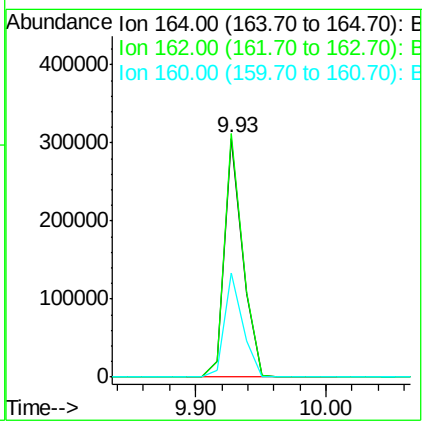


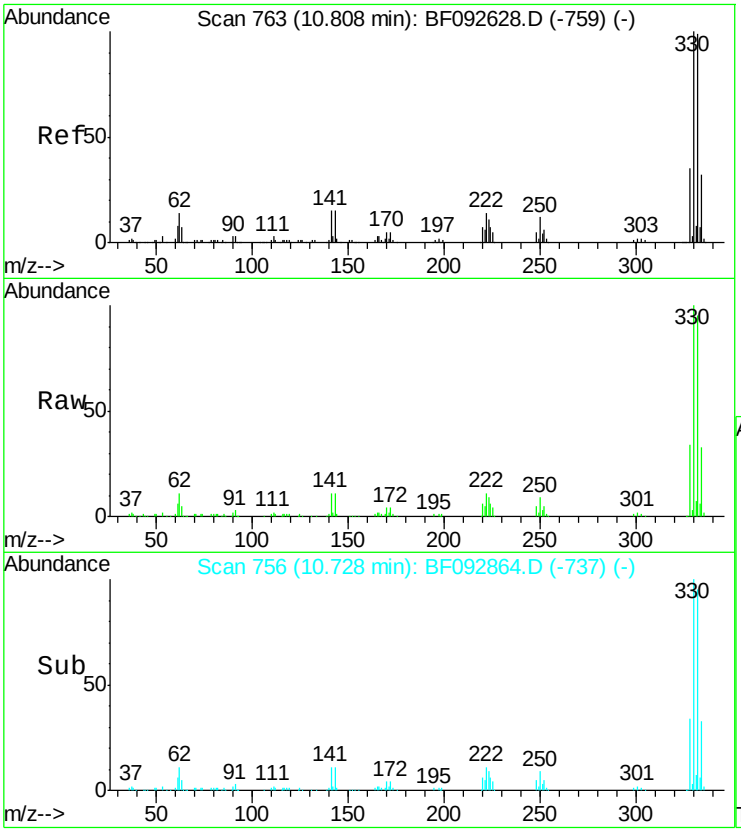




#38
Acenaphthene-d10
Concen:  20.00 ng
RT: 9.93 min  Scan# 686
Delta R.T.  -0.08 min
Lab File:  BF092864.D
Acq:  8 Feb 2017  20:19

Tgt Ion:164 Resp:  299991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 80.2 | 120.2 |
| 160 | 43.9 | 36.9 | 55.3 |



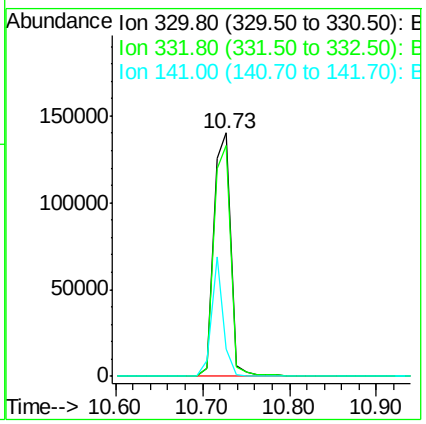


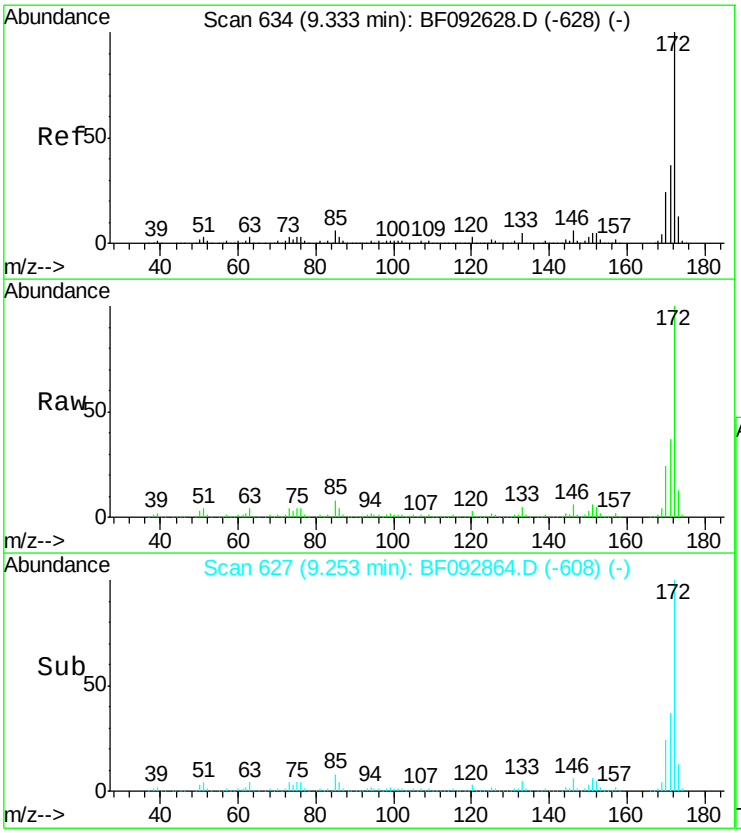

#41
2,4,6-Tribromophenol
Concen: 89.46 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:330 Resp: 194110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 77.4 | 116.2 |
| 141 | 34.2 | 34.1 | 51.1 |

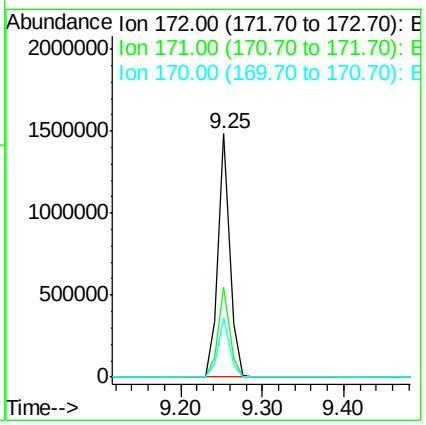


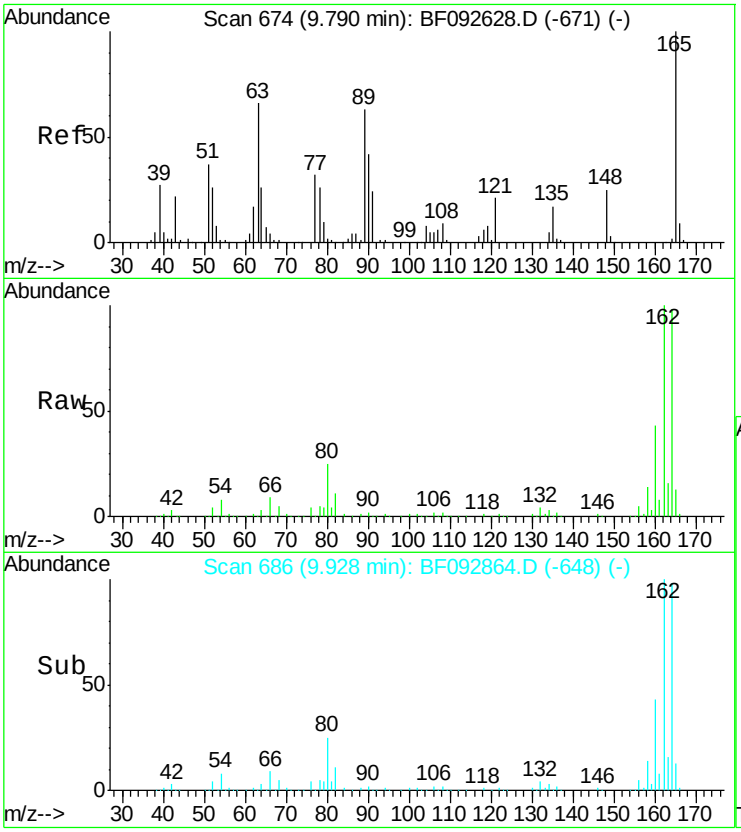




#44
2-Fluorobiphenyl
Concen: 89.91 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:172 Resp: 1488775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.4 | 44.0 |
| 170 | 24.4 | 20.2 | 30.4 |



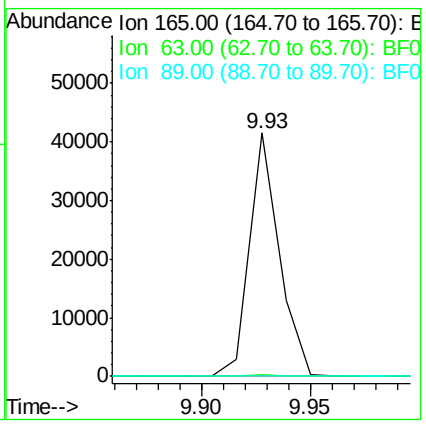


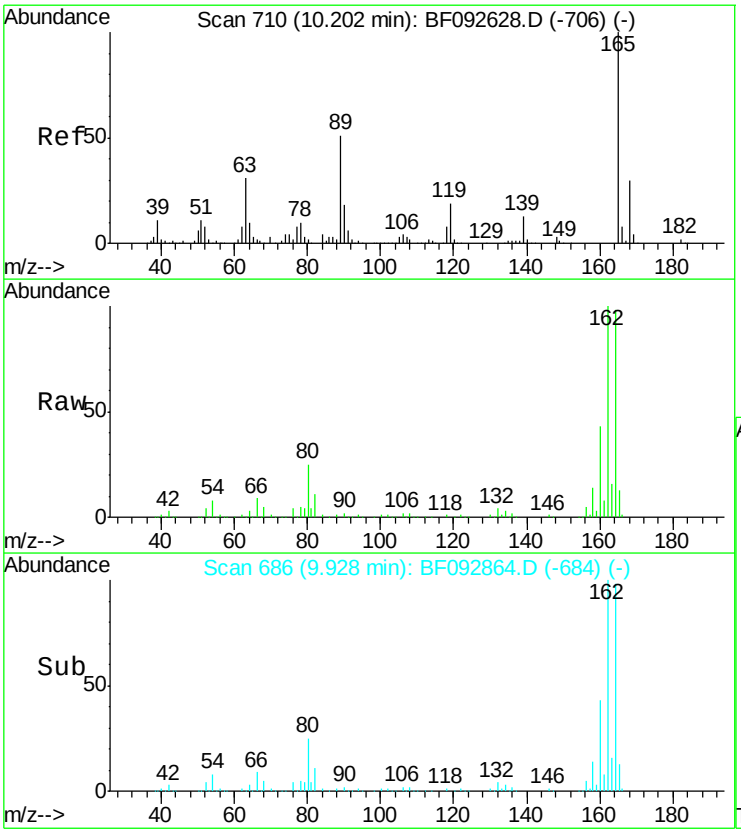

#50
2,6-Dinitrotoluene
Concen: 9.09 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.14 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:165 Resp: 39662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 36.2 | 54.4# |
| 89 | 0.0 | 40.2 | 60.4# |

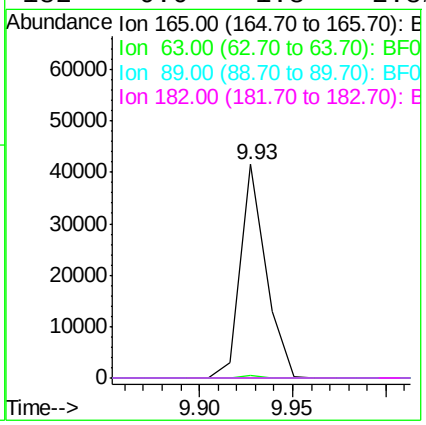


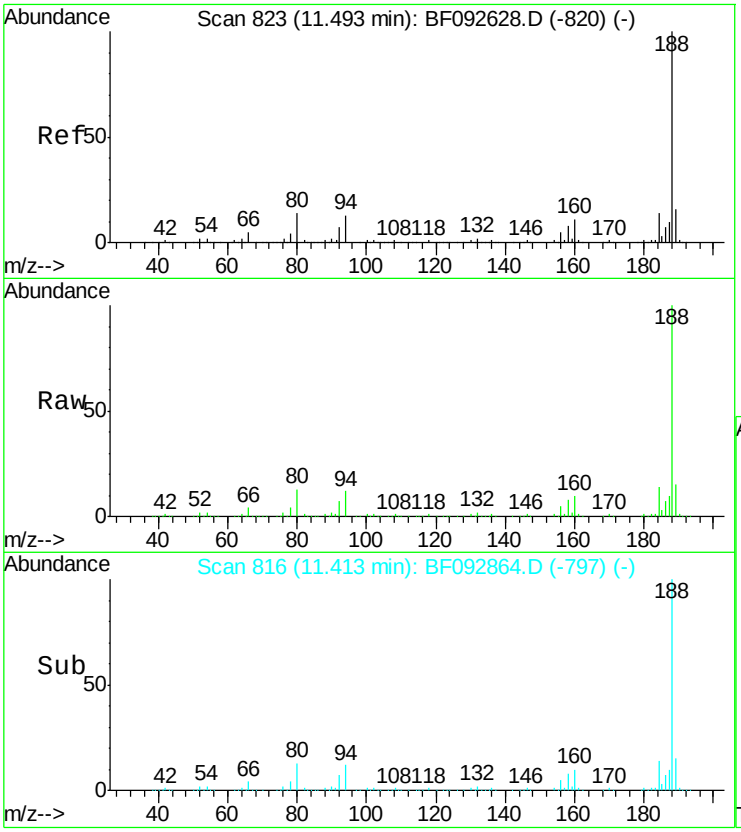




#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.27 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:165 Resp: 39663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 40.2 | 60.4# |
| 89 | 0.0 | 62.5 | 93.7# |
| 182 | 0.0 | 1.8 | 2.8# |



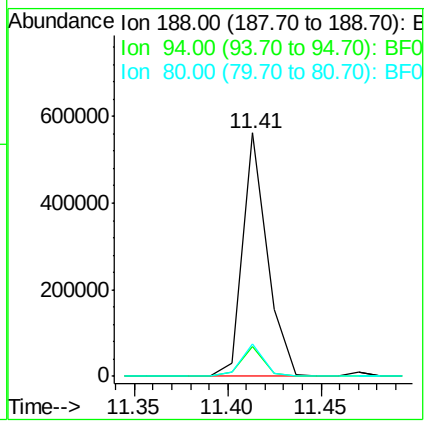


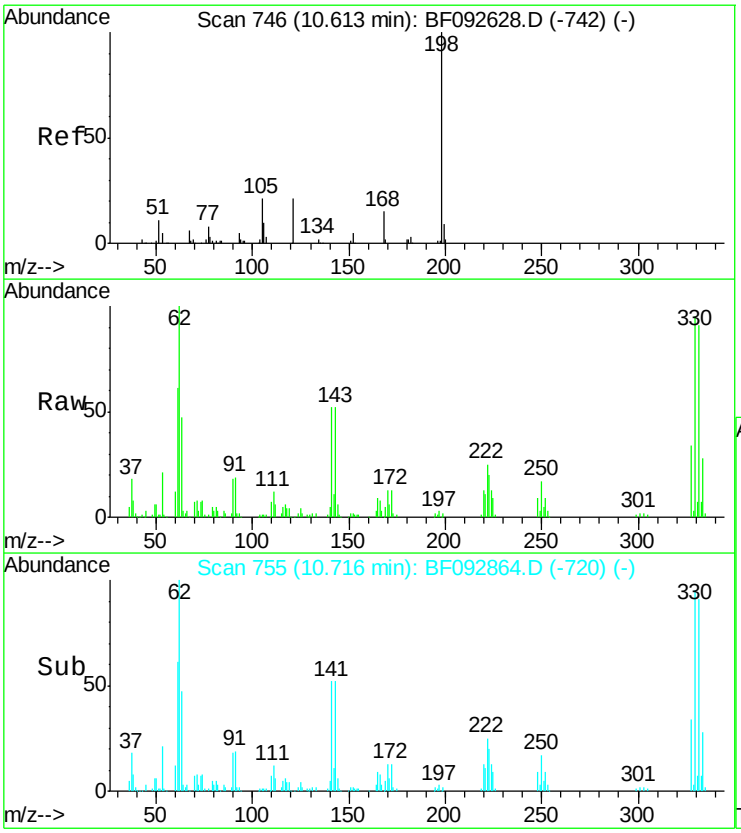

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:188 Resp: 517696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.4 | 10.0 | 15.0 |
| 80 | 13.4 | 11.2 | 16.8 |

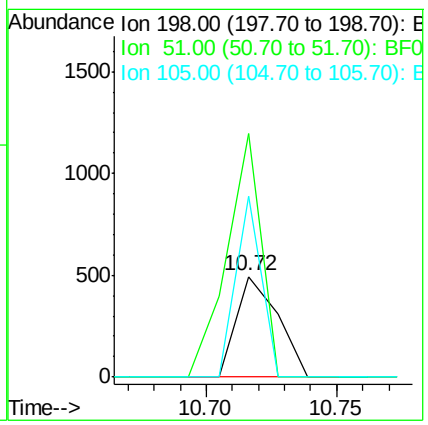


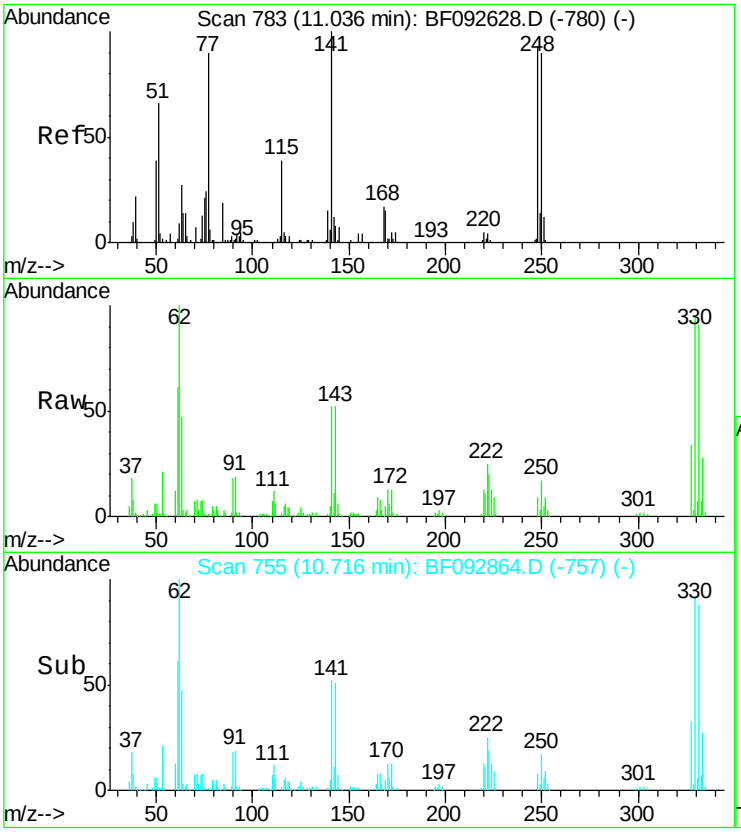




#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.10 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:198 Resp: 553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 241.6 | 6.7 | 46.7# |
| 105 | 179.4 | 16.6 | 56.6# |



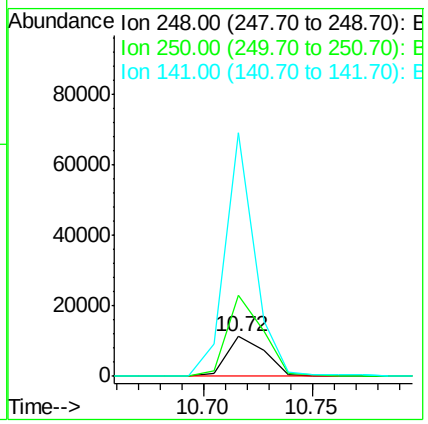


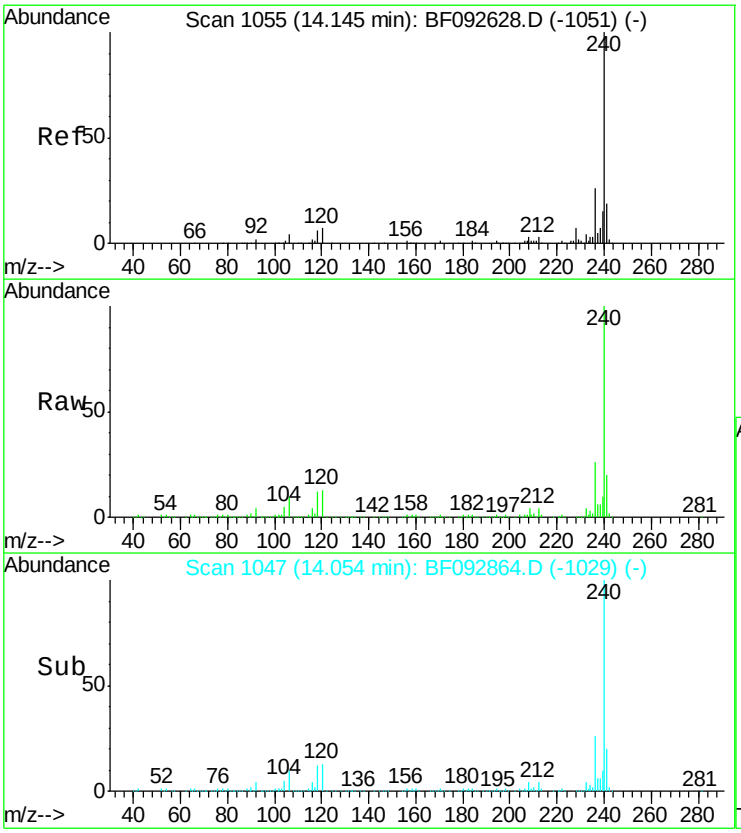

#66
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.32 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:248 Resp: 13555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 203.4 | 76.9 | 115.3# |
| 141 | 611.5 | 68.2 | 102.4# |

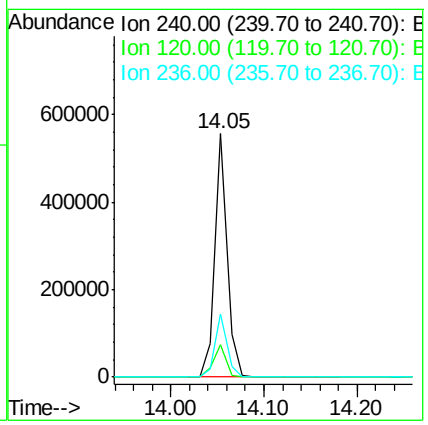


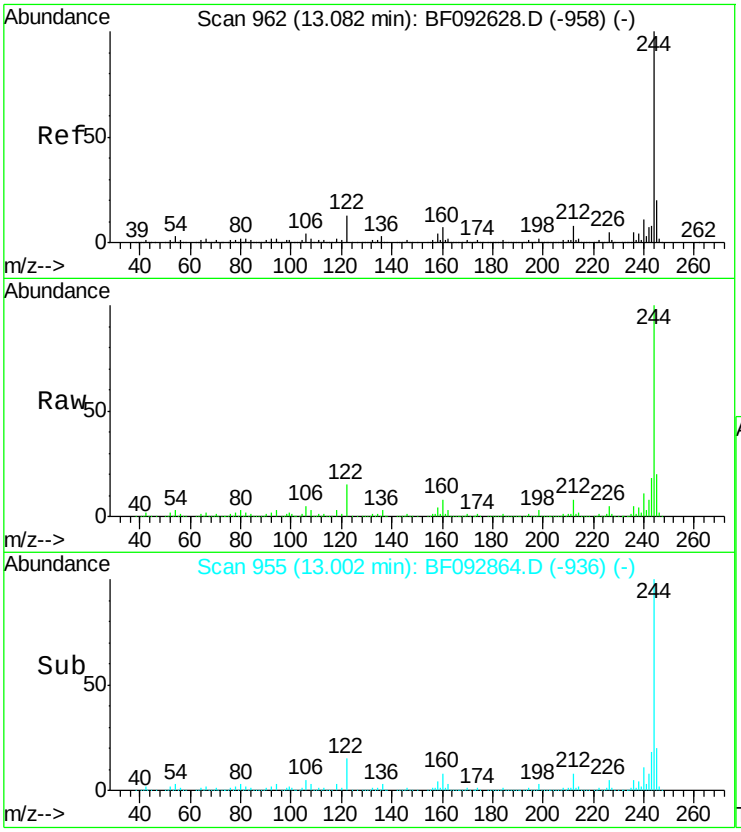




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:240 Resp: 508126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.5 | 12.9 | 19.3 |
| 236 | 26.0 | 20.9 | 31.3 |



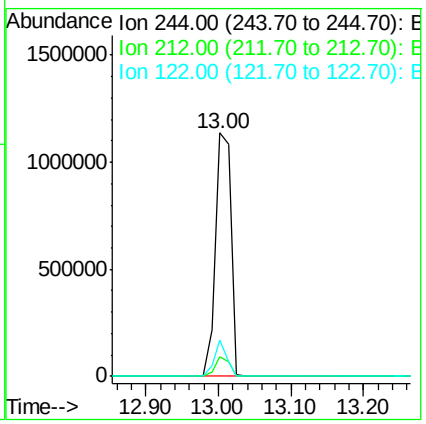


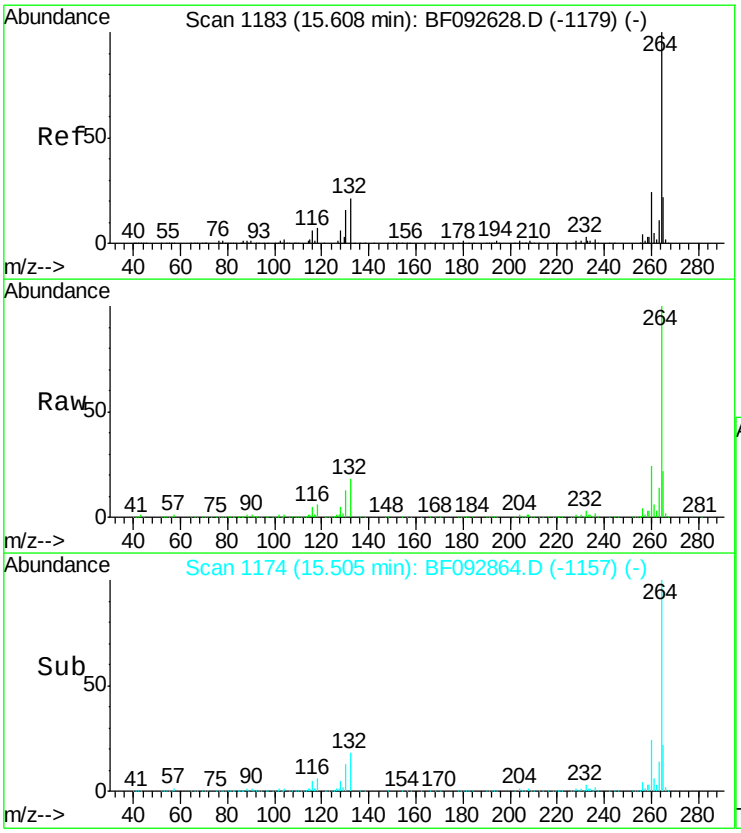

#78
Terphenyl-d14
Concen: 78.09 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.08 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

**Instrument :**
BNA_F
**ClientSampleId :**
020217-PR-E-U-M

Tgt Ion:244 Resp: 1688661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.2 | 9.2 |
| 122 | 14.7 | 11.4 | 17.2 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:264 Resp: 468826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.2 | 28.8 |
| 265 | 21.6 | 17.4 | 26.0 |