Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113190.D
Acq On : 21 Mar 2019 1:25
Operator : JU/SJ
Sample : K1943-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Mar 21 12:24:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 120748 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 451332 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 213531 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.23 | 188 | 399824 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.86 | 240 | 370854 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.27 | 264 | 271753 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 800183 | 103.08 | ng | 0.02 |
| 7) Phenol-d6 | 6.37 | 99 | 836582 | 85.80 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 633835 | 84.03 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 307646 | 135.71 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.08 | 172 | 1294410 | 108.08 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.82 | 244 | 1331677 | 69.61 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 83589 | 13.535 | ng | # 75 |
| 25) Isophorone | 7.29 | 82 | 615253 | 37.863 | ng | # 65 |
| 50) Dimethylphthalate | 9.76 | 163 | 54252 | 3.446 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 9.76 | 165 | 26270 | 8.012 | ng | # 26 |
| 57) 2,4-Dinitrotoluene | 9.76 | 165 | 26270 | 6.446 | ng | # 23 |
| 65) 4,6-Dinitro-2-methylphenol | 10.54 | 198 | 421 | 4.844 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.55 | 248 | 17468 | 4.148 | ng | # 1 |

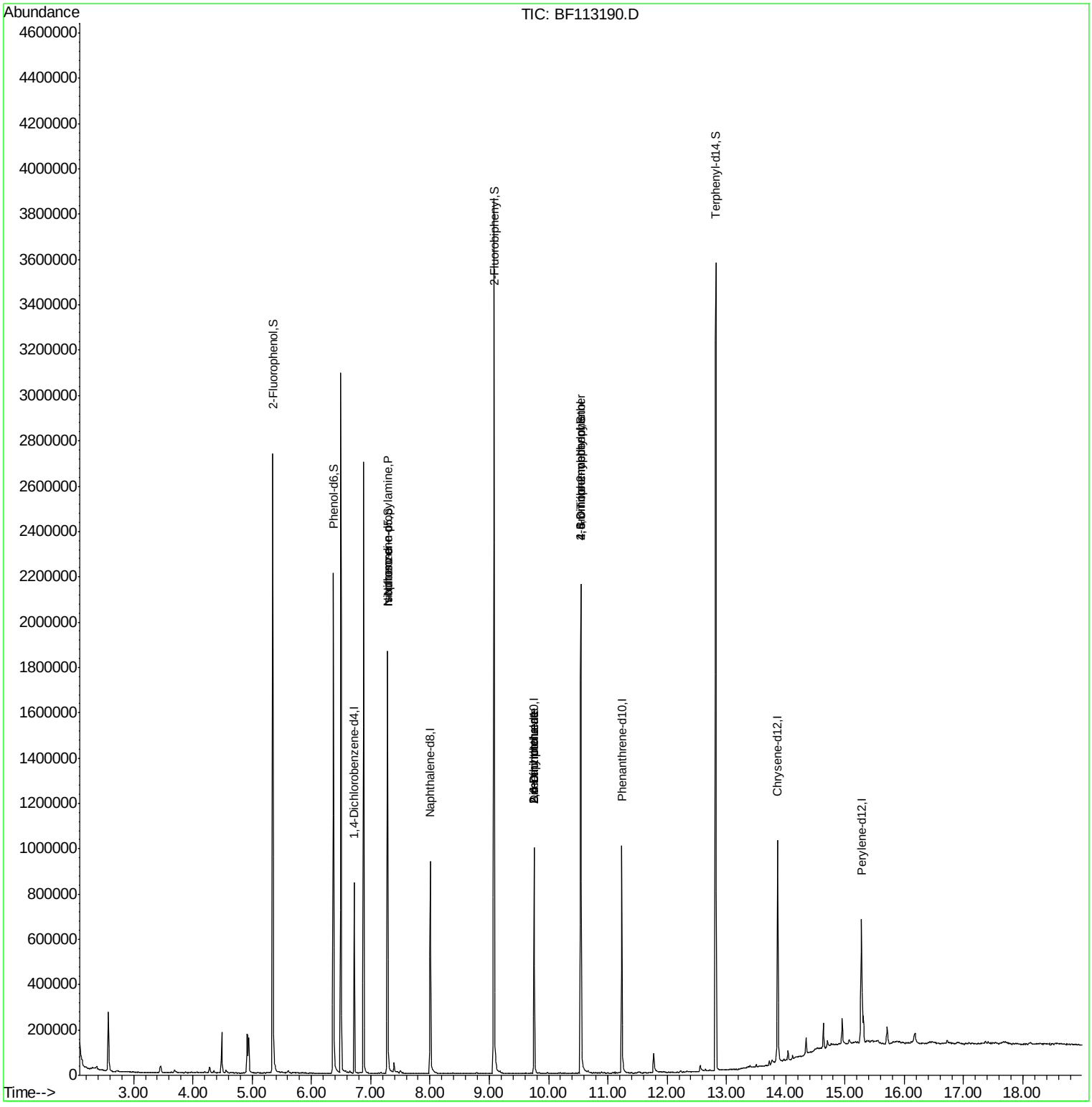
(#) = qualifier out of range (m) = manual integration (+) = signals summed

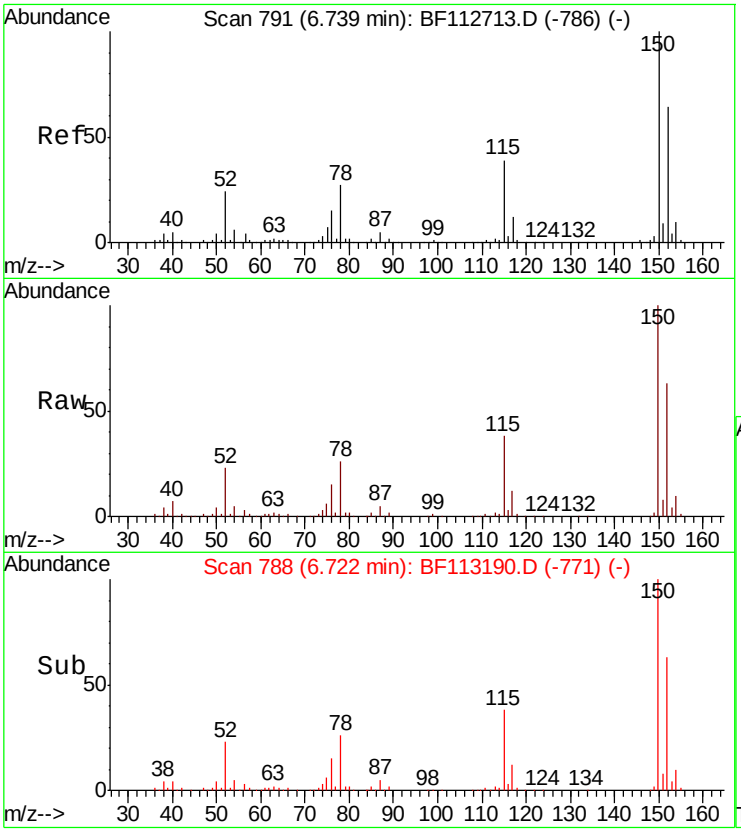
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113190.D
Acq On : 21 Mar 2019 1:25
Operator : JU/SJ
Sample : K1943-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Mar 21 12:24:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration



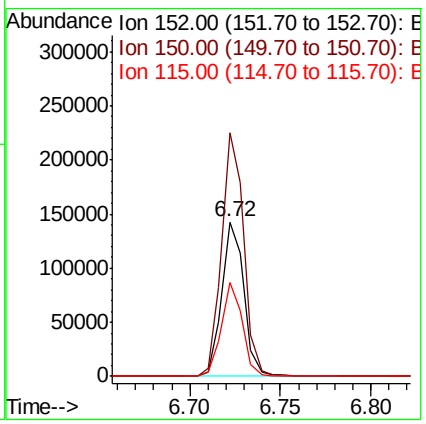


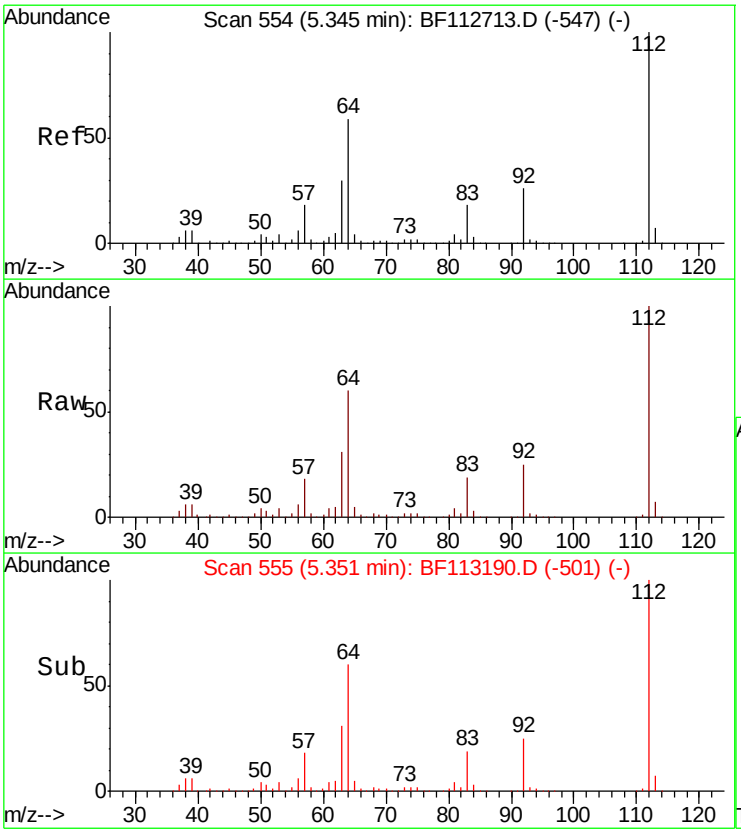

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 120748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 123.0 | 184.6 |
| 115 | 60.4 | 45.9 | 68.9 |

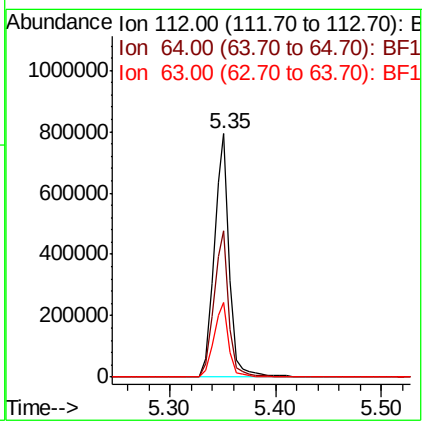


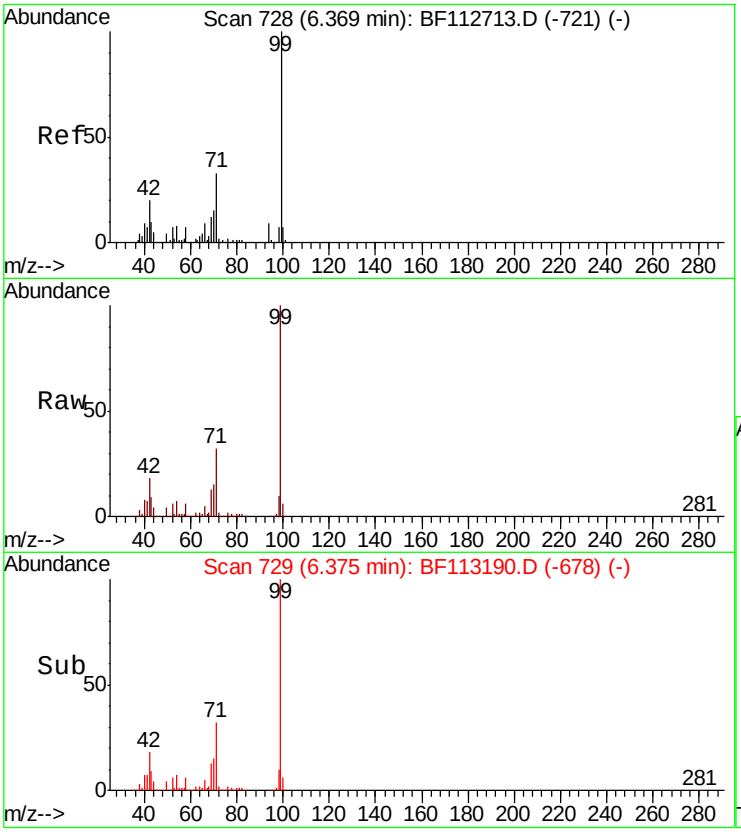




#5
2-Fluorophenol
Concen: 103.084 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:112 Resp: 800183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.0 | 49.3 | 73.9 |
| 63 | 30.6 | 25.4 | 38.2 |



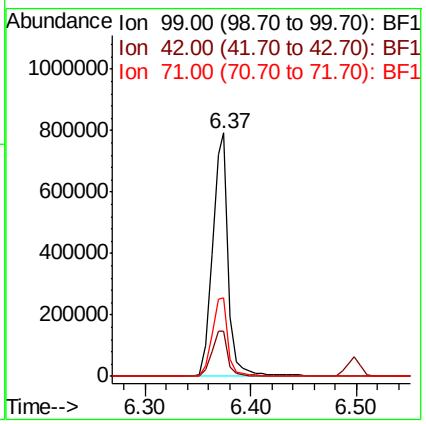


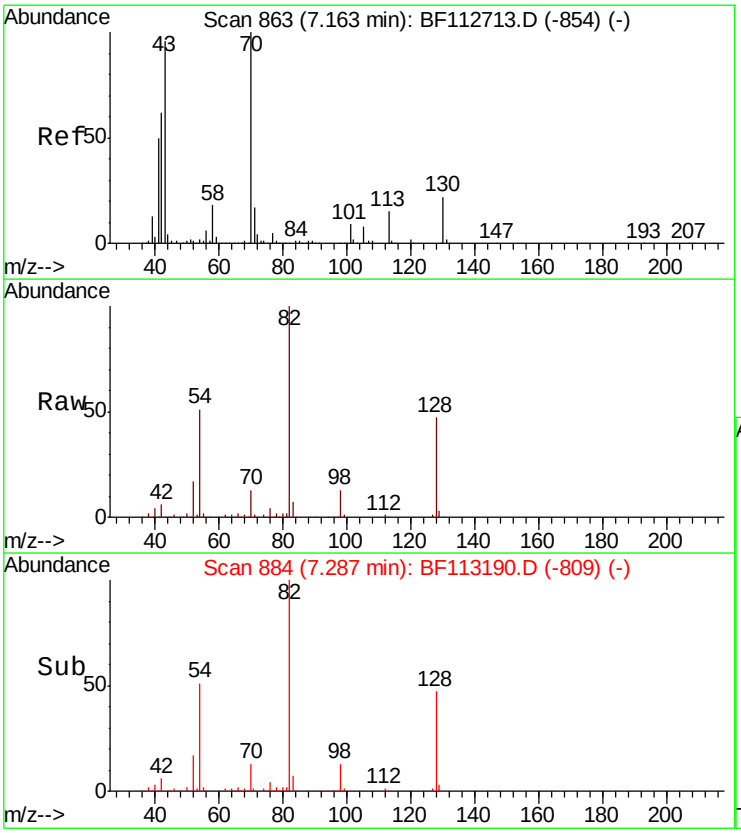

#7
Phenol-d6
Concen: 85.795 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 99 Resp: 836582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 15.2 | 22.8 |
| 71 | 32.3 | 25.7 | 38.5 |

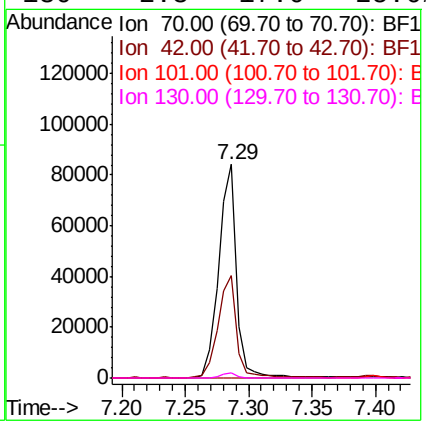


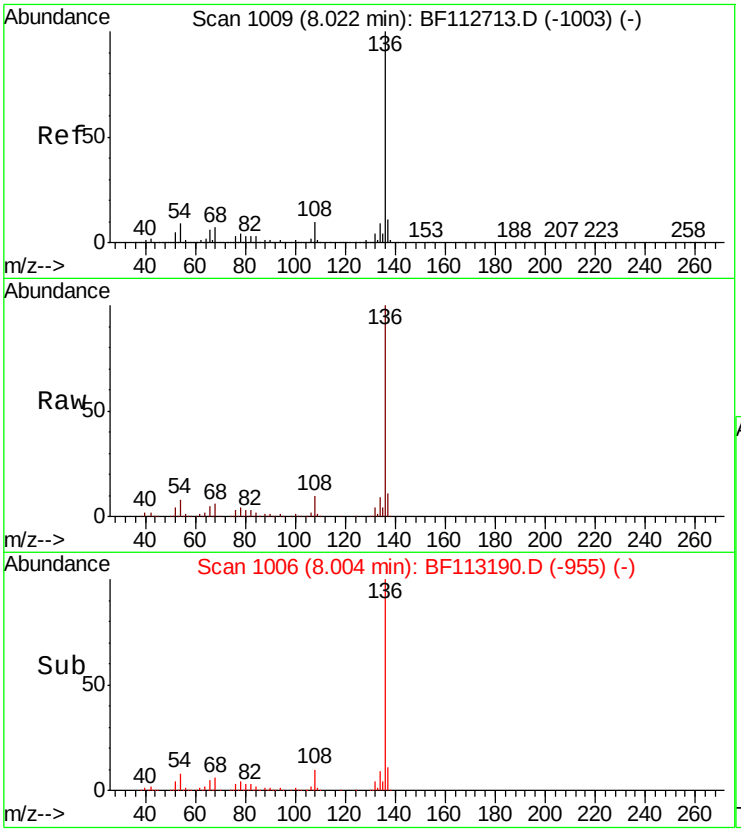




#19
n-Nitroso-di-n-propylamine
Concen: 13.535 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion: 70 Resp: 83589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.9 | 50.4 | 75.6# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 2.3 | 17.0 | 25.6# |



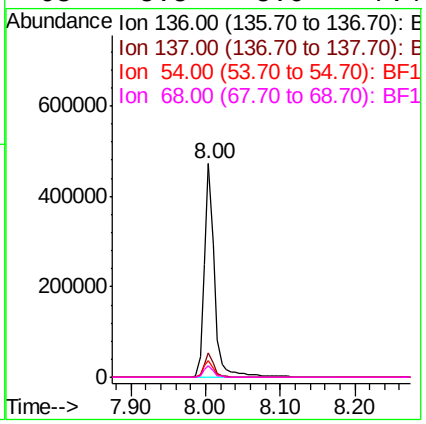


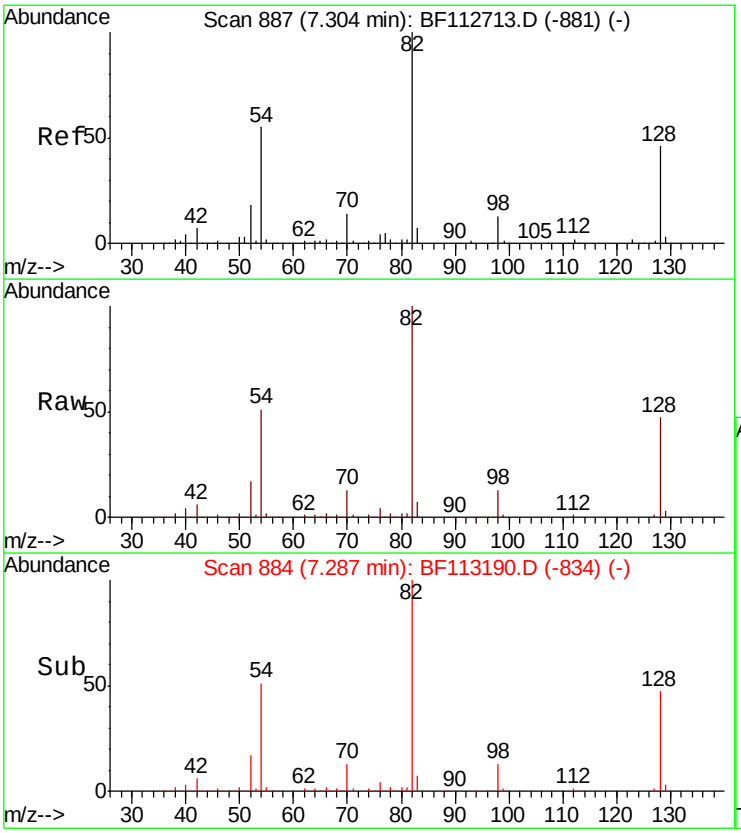

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:136 Resp: 451332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.9 | 13.3 |
| 54 | 8.0 | 7.0 | 10.6 |
| 68 | 5.5 | 5.0 | 7.4 |

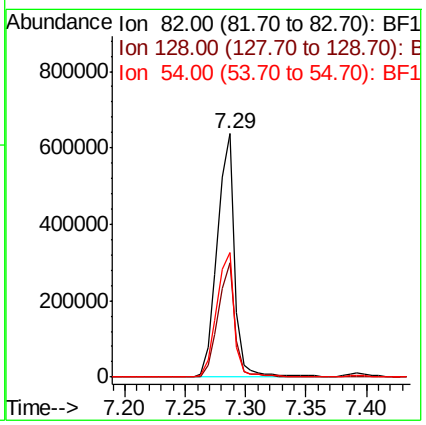


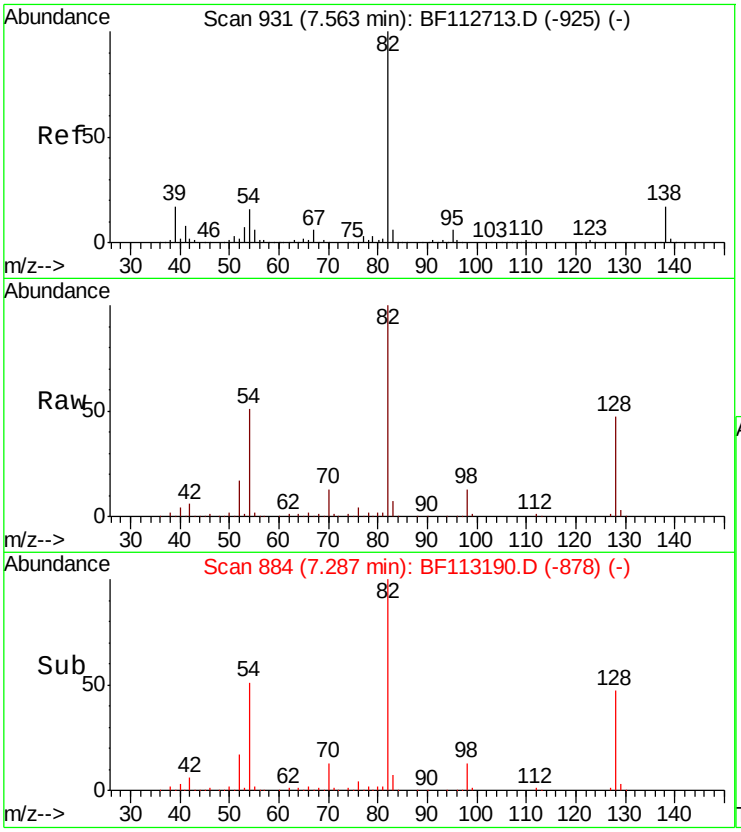




#23
Nitrobenzene-d5
Concen: 84.034 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion: 82 Resp: 633835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.0 | 37.9 | 56.9 |
| 54 | 51.2 | 41.2 | 61.8 |



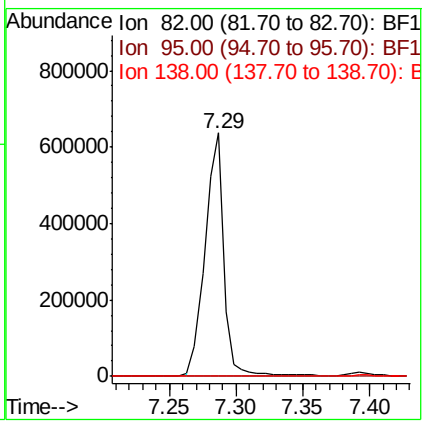


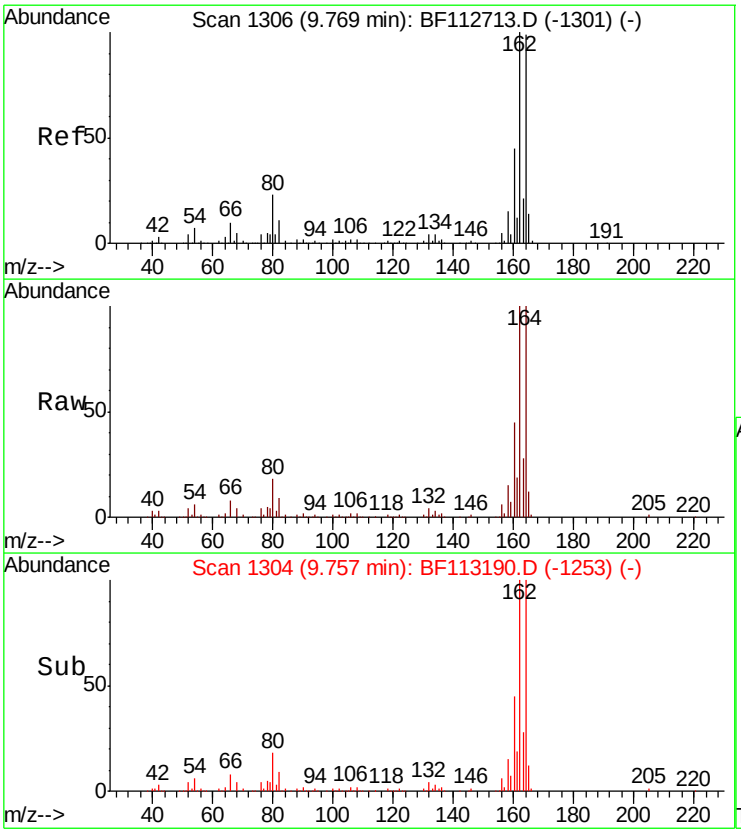

#25
Isophorone
Concen: 37.863 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 615253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 14.5 | 21.7# |

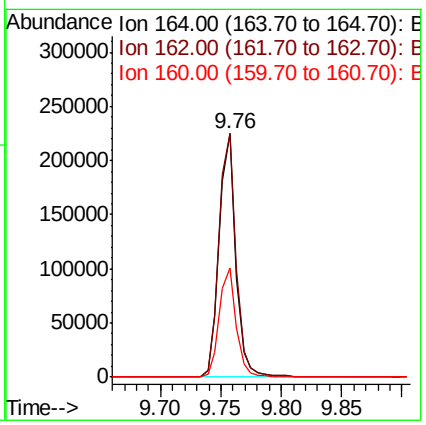


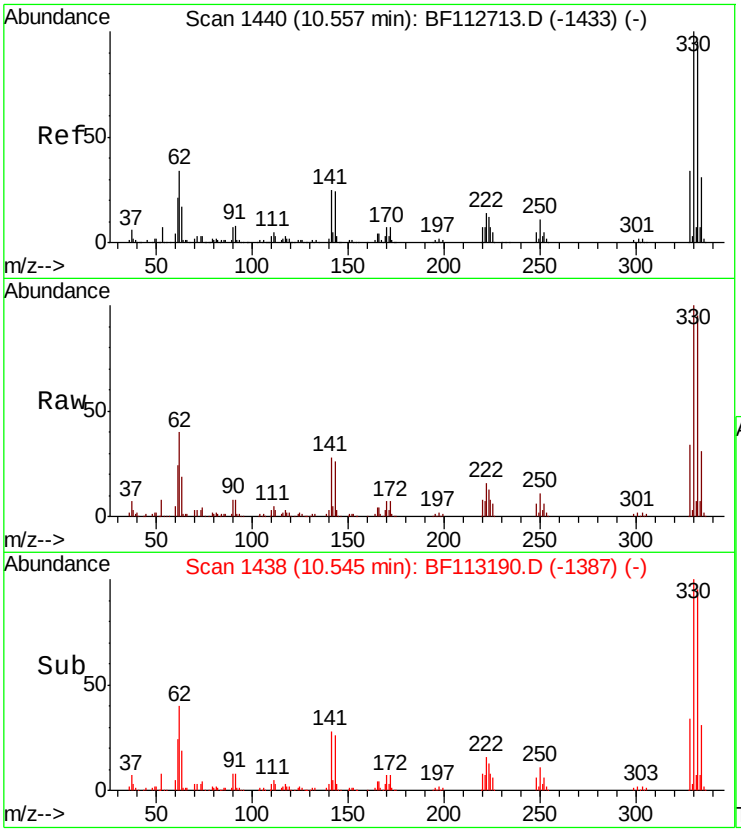




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:164 Resp: 213531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 80.8 | 121.2 |
| 160 | 45.1 | 36.2 | 54.2 |



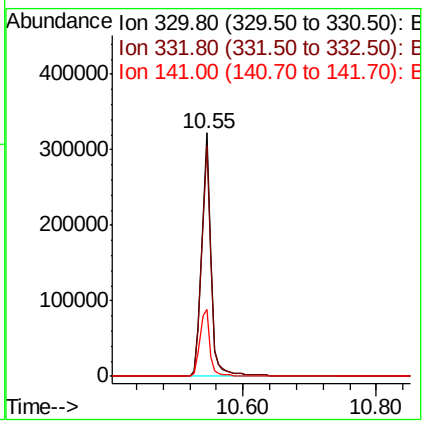


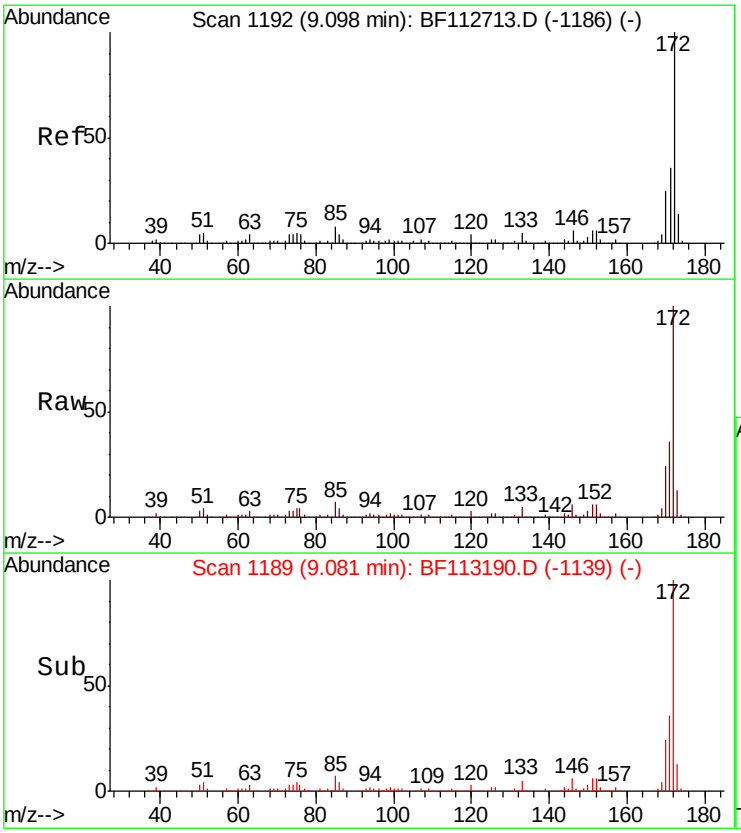

#42
2,4,6-Tribromophenol
Concen: 135.712 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:330 Resp: 307646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 76.3 | 114.5 |
| 141 | 29.1 | 22.3 | 33.5 |

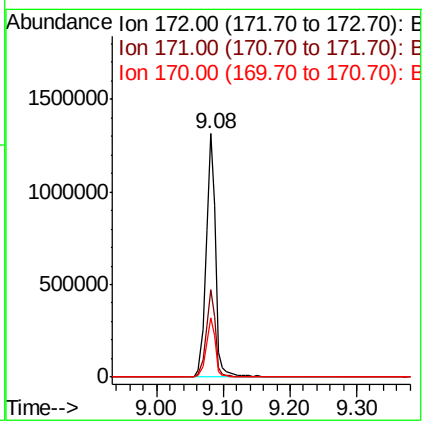


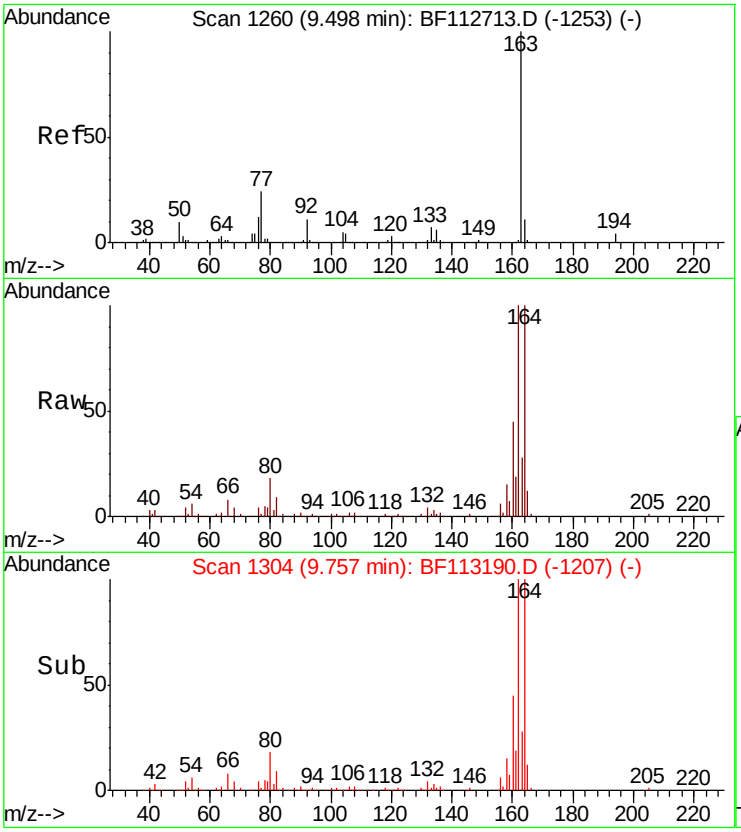




#45
2-Fluorobiphenyl
Concen: 108.085 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:172 Resp: 1294410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.0 | 43.4 |
| 170 | 24.3 | 20.1 | 30.1 |



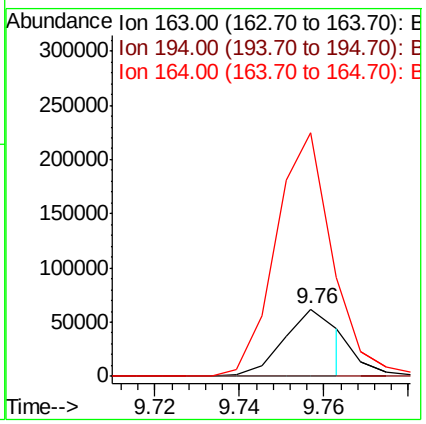


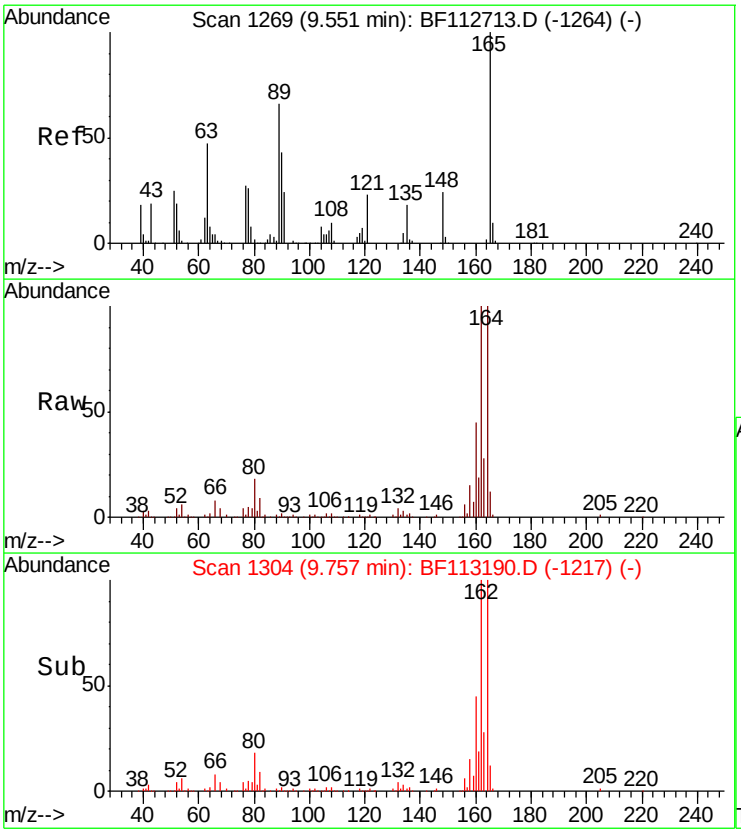

#50
Dimethylphthalate
Concen: 3.446 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.27 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:163 Resp: 54252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.3 | 4.9# |
| 164 | 363.0 | 8.6 | 12.8# |

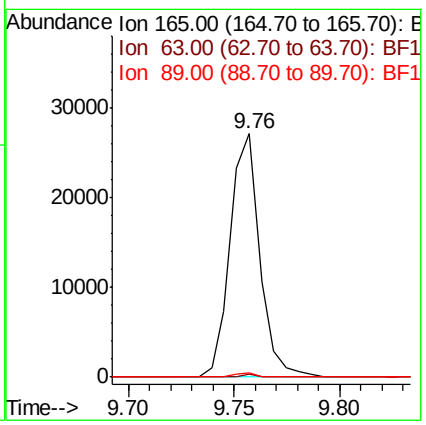


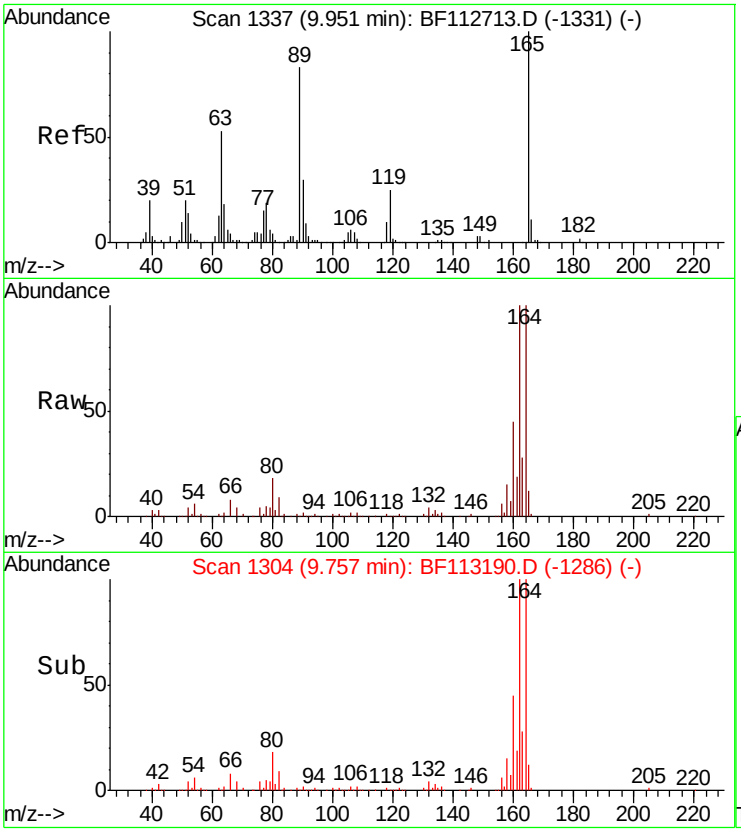




#51
2,6-Dinitrotoluene
Concen: 8.012 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:165 Resp: 26270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 45.4 | 68.2# |
| 89 | 2.0 | 43.8 | 65.6# |



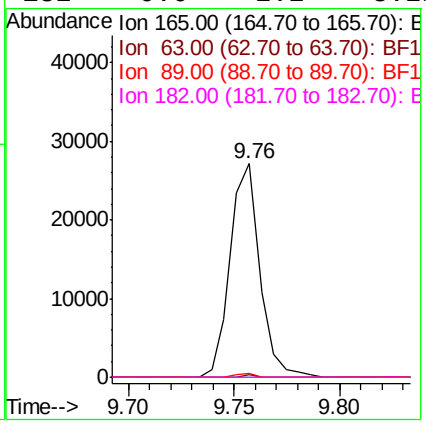


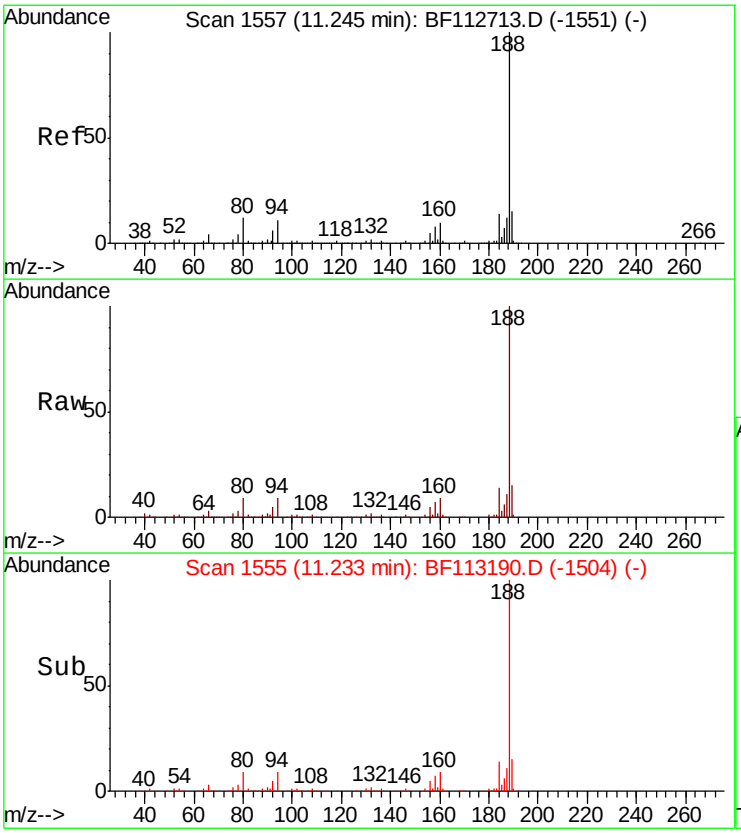

#57
2,4-Dinitrotoluene
Concen: 6.446 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 26270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 37.9 | 56.9# |
| 89 | 2.0 | 58.5 | 87.7# |
| 182 | 0.0 | 2.2 | 3.2# |

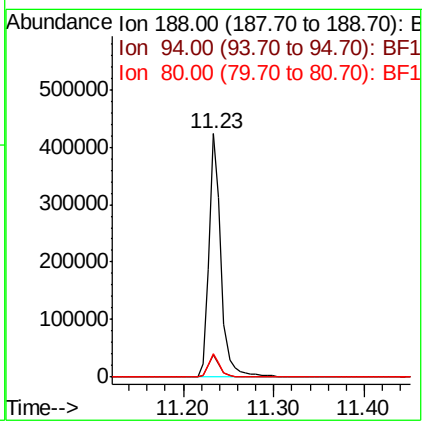


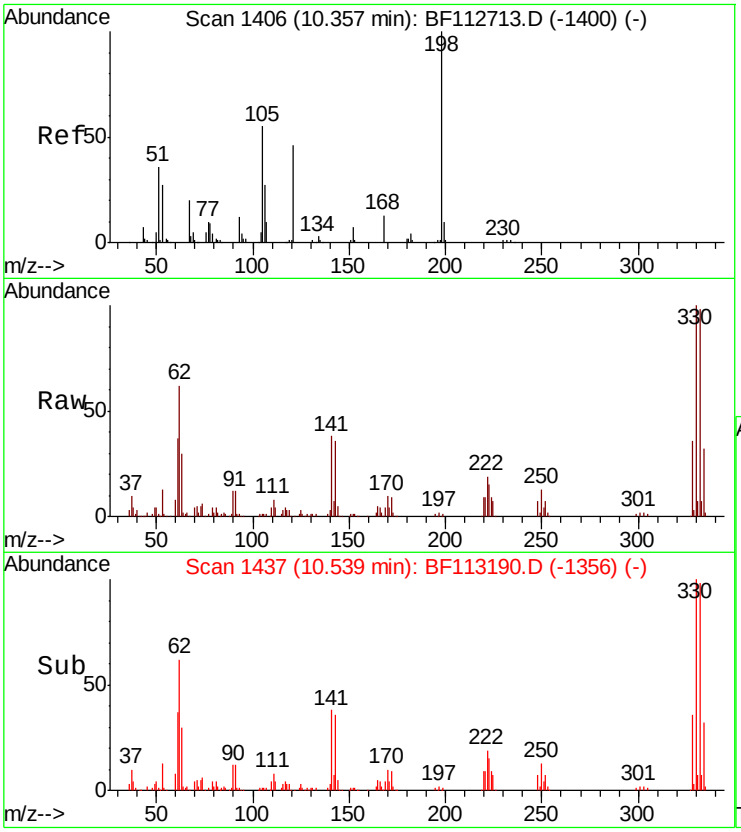




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:188 Resp: 399824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.4 | 11.2 |
| 80 | 9.5 | 7.9 | 11.9 |



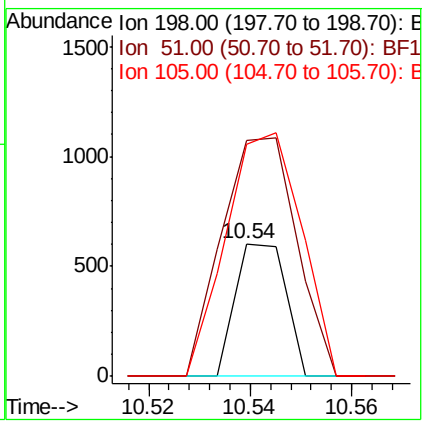


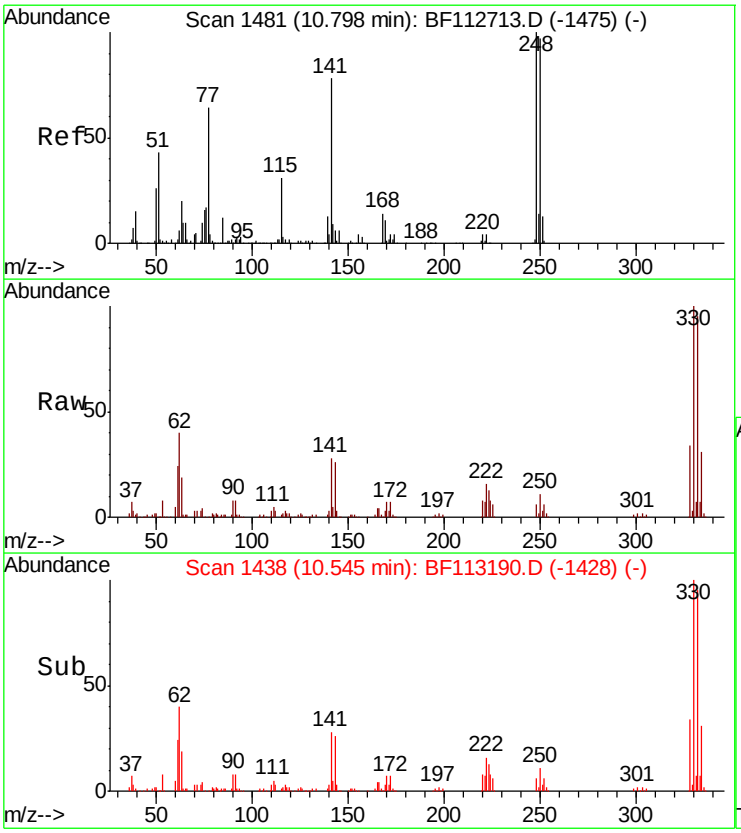

#65
4,6-Dinitro-2-methylphenol
Concen: 4.844 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:198 Resp: 421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 177.8 | 25.5 | 65.5# |
| 105 | 174.8 | 23.2 | 63.2# |

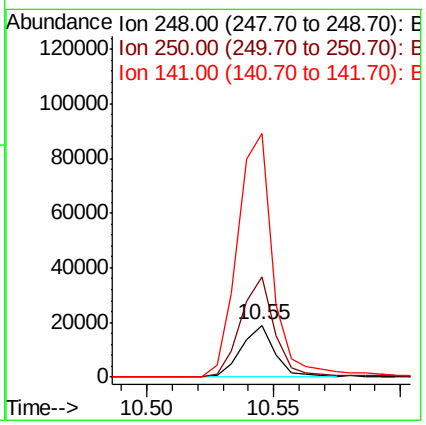


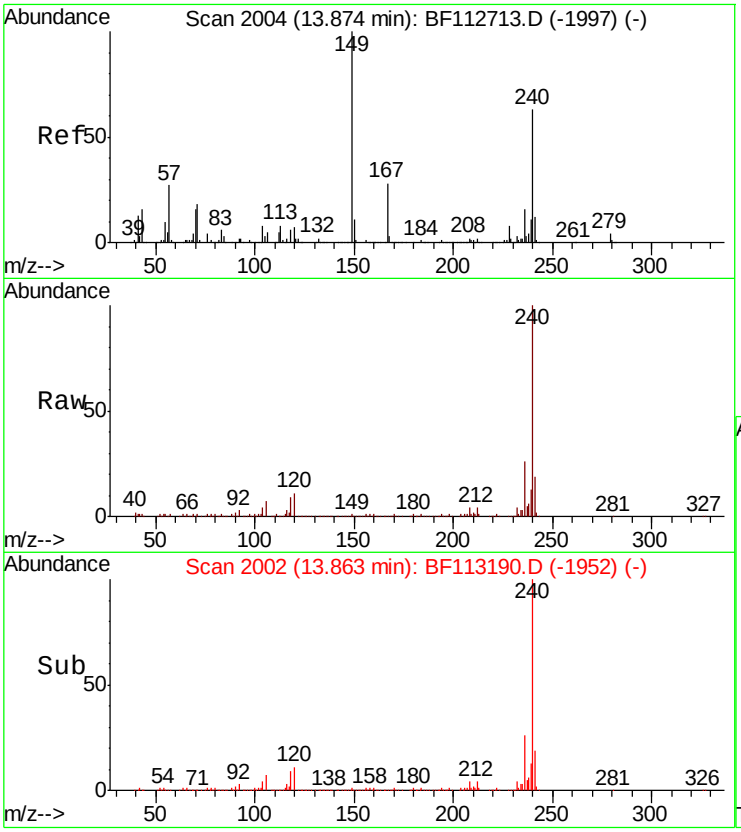




#67
4-Bromophenyl-phenylether
Concen: 4.148 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:248 Resp: 17468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 193.1 | 78.4 | 117.6# |
| 141 | 467.1 | 45.9 | 68.9# |



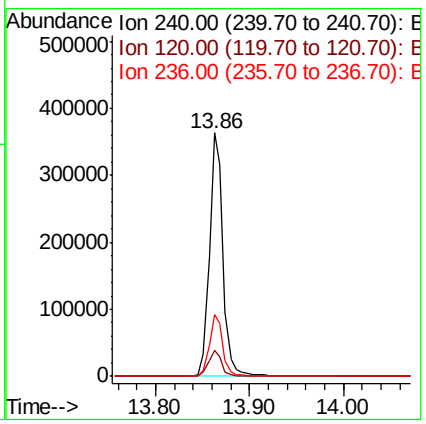


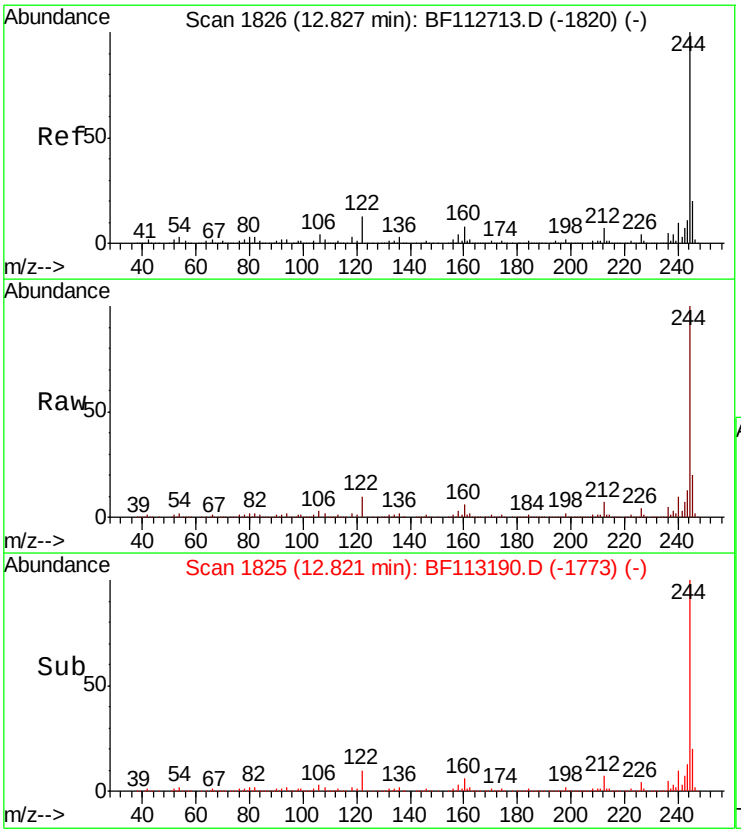

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:240 Resp: 370854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 8.6 | 12.8 |
| 236 | 25.6 | 21.2 | 31.8 |

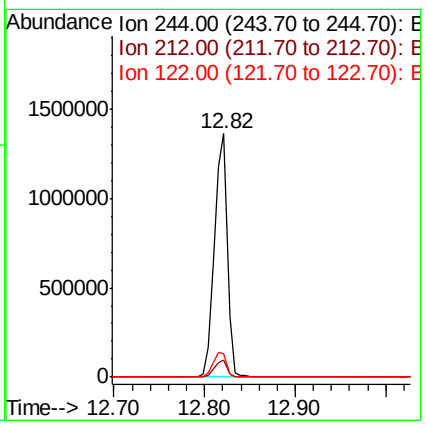


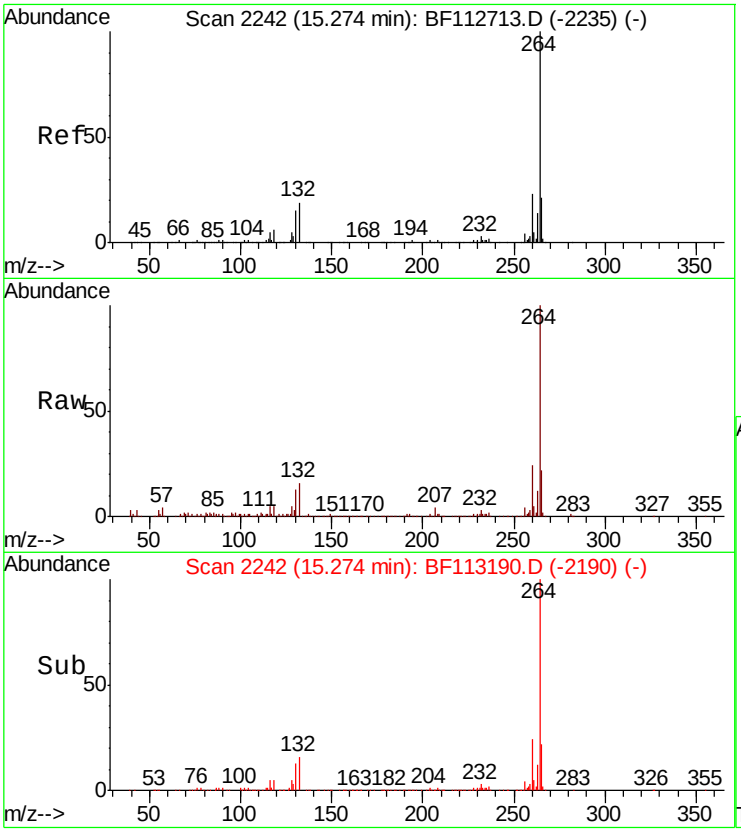




#79
Terphenyl-d14
Concen: 69.608 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:244 Resp: 1331677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.7 | 8.5 |
| 122 | 9.8 | 9.4 | 14.2 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:264 Resp: 271753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.2 | 28.8 |
| 265 | 21.7 | 17.7 | 26.5 |