Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112181.D
Acq On : 22 Jan 2019 2:41
Operator : JU/SJ
Sample : PB116516BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB116516BL

Quant Time: Jan 22 03:09:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 205339 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 702004 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.89 | 164 | 279994 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.37 | 188 | 489657 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 14.02 | 240 | 459993 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 15.49 | 264 | 324472 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 920657 | 81.38 | ng | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 1085168 | 76.67 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 965322 | 95.00 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 224744 | 74.41 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.21 | 172 | 1777350 | 93.07 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.96 | 244 | 1603367 | 74.15 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70 | 127518 | 14.788 | ng | # 77 |
| 25) Isophorone | 7.41 | 82 | 956111 | 48.716 | ng | # 63 |
| 51) 2,6-Dinitrotoluene | 9.89 | 165 | 34875 | 8.552 | ng | # 34 |
| 57) 2,4-Dinitrotoluene | 9.89 | 165 | 34875 | 10.608 | ng | # 31 |
| 65) 4,6-Dinitro-2-methylphenol | 10.68 | 198 | 265 | 10.172 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.67 | 248 | 13053 | 2.295 | ng | # 1 |

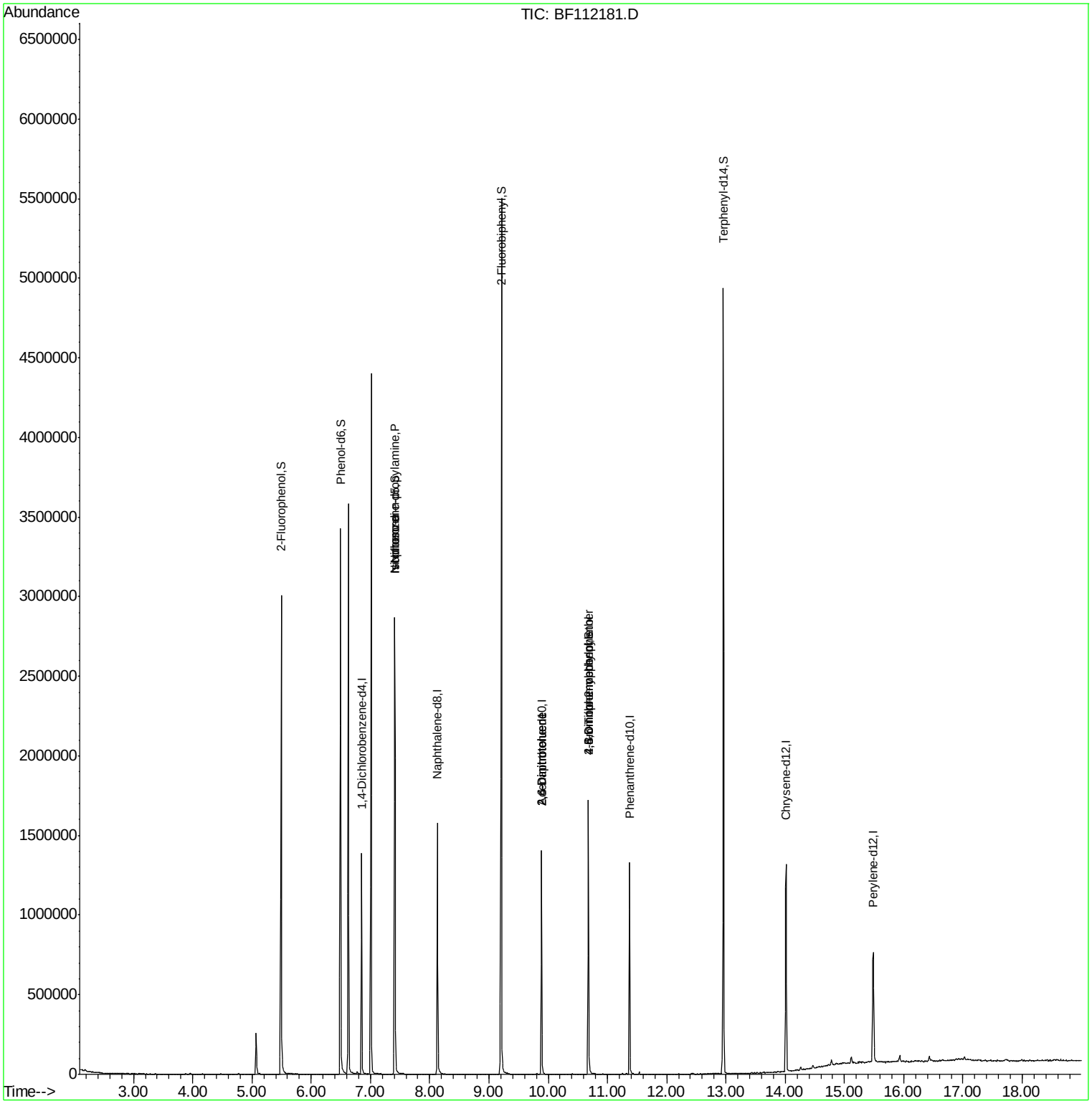
(#) = qualifier out of range (m) = manual integration (+) = signals summed

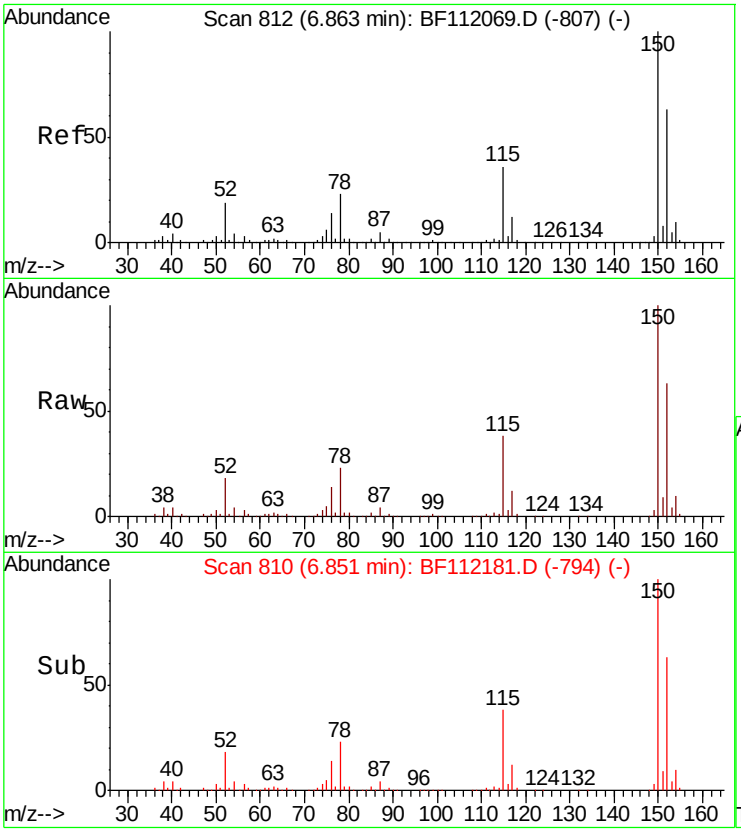
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112181.D
Acq On : 22 Jan 2019 2:41
Operator : JU/SJ
Sample : PB116516BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Quant Time: Jan 22 03:09:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



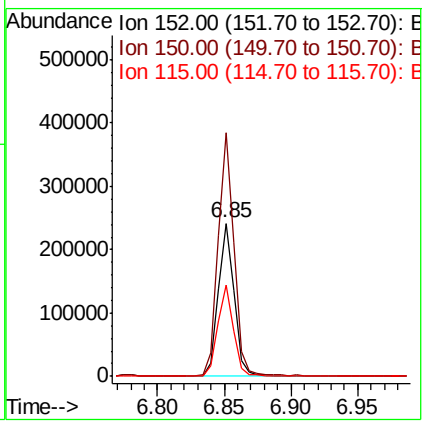


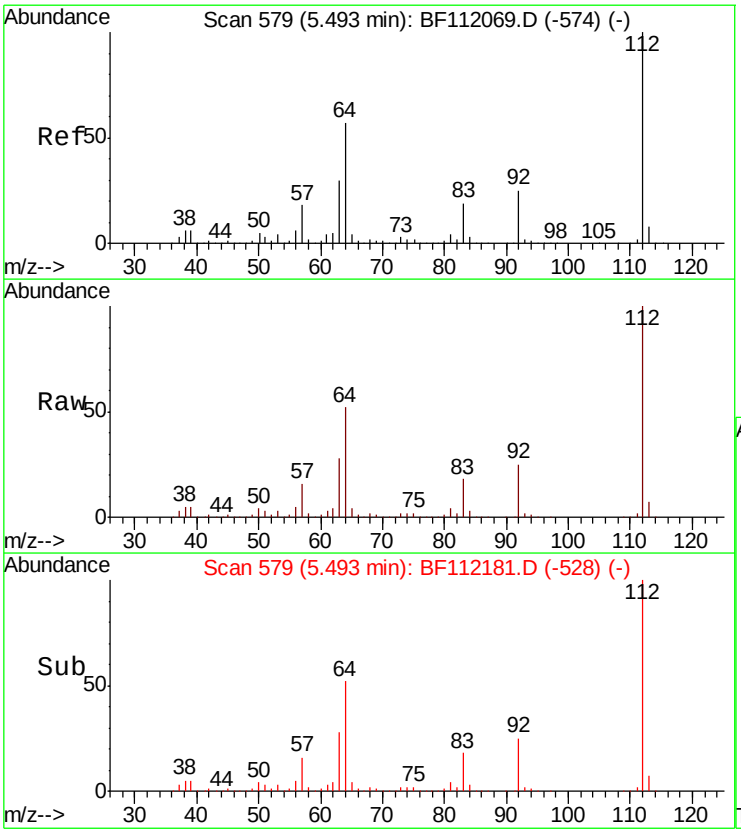

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:152 Resp: 205339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.8 | 127.4 | 191.0 |
| 115 | 59.6 | 45.5 | 68.3 |

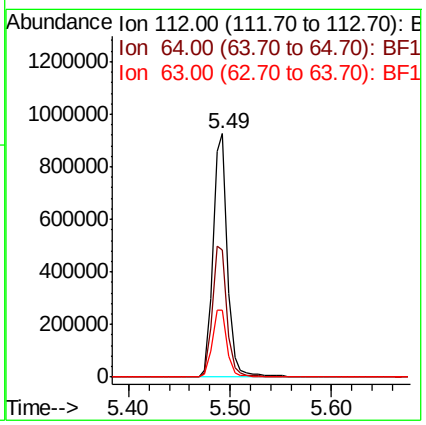


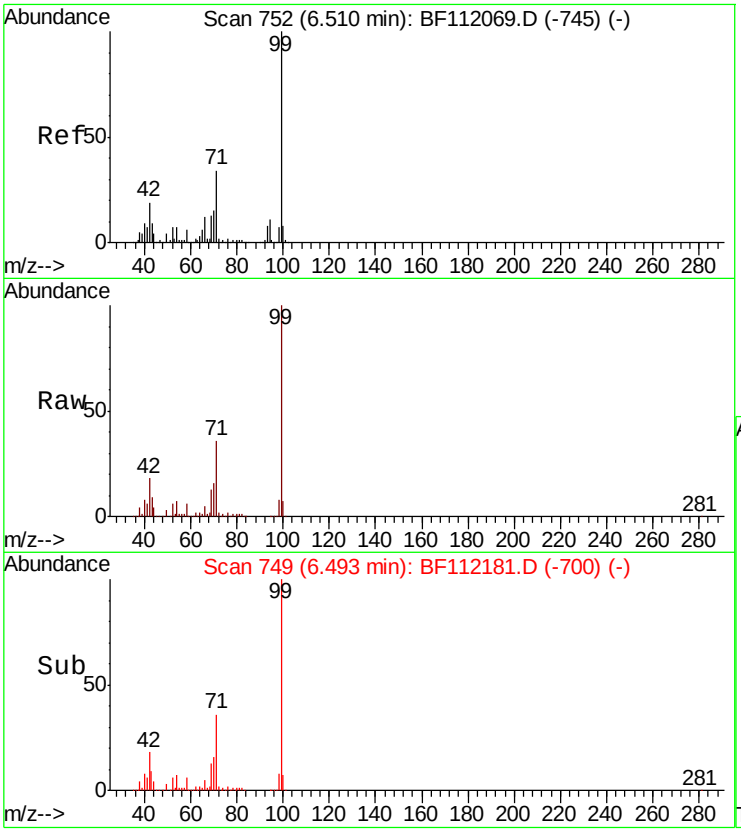




#5
2-Fluorophenol
Concen: 81.379 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:112 Resp: 920657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.0 | 45.7 | 68.5 |
| 63 | 27.7 | 23.6 | 35.4 |



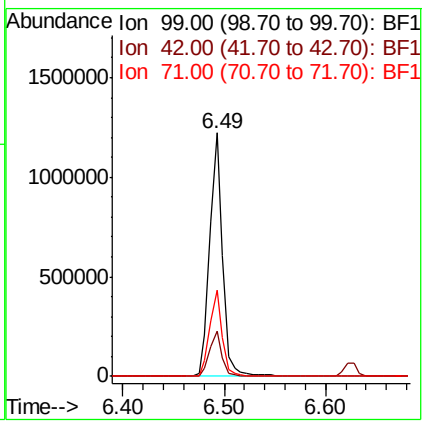


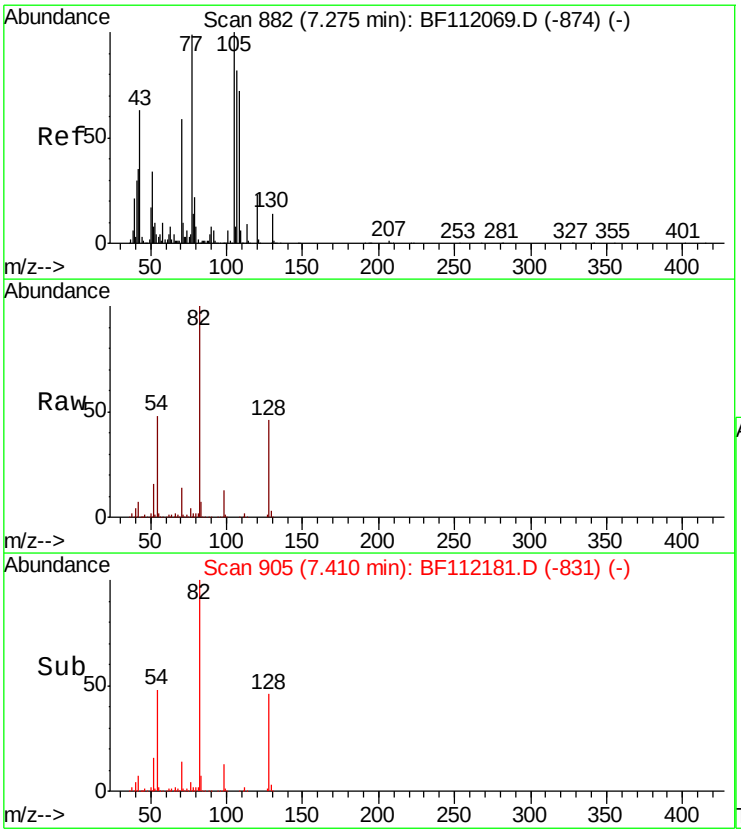

#7
Phenol-d6
Concen: 76.666 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion: 99 Resp: 1085168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.4 | 15.1 | 22.7 |
| 71 | 35.6 | 26.9 | 40.3 |

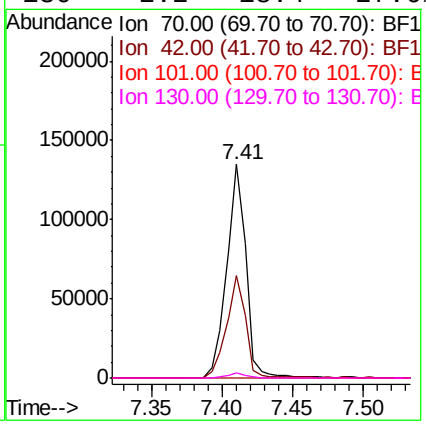


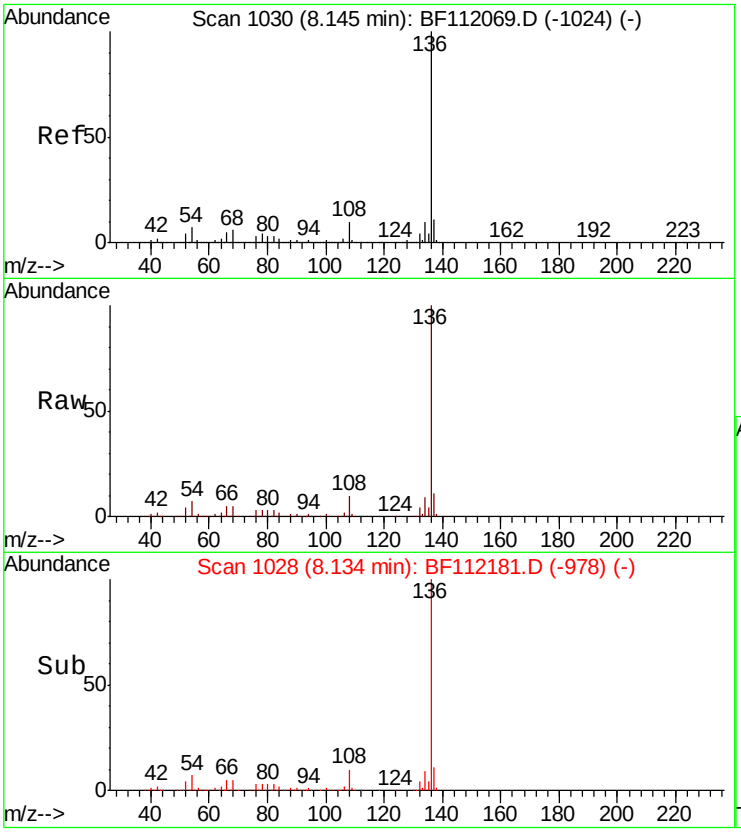




#19
n-Nitroso-di-n-propylamine
Concen: 14.788 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion: 70 Resp: 127518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.9 | 47.6 | 71.4 |
| 101 | 0.0 | 7.9 | 11.9# |
| 130 | 2.2 | 18.4 | 27.6# |



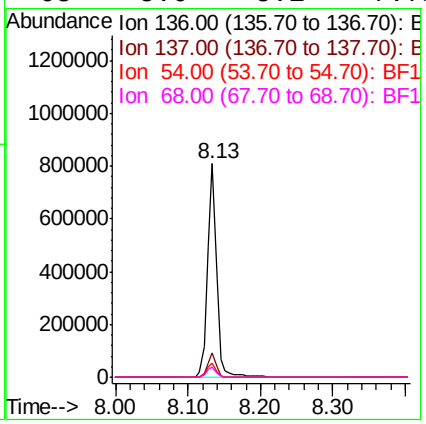


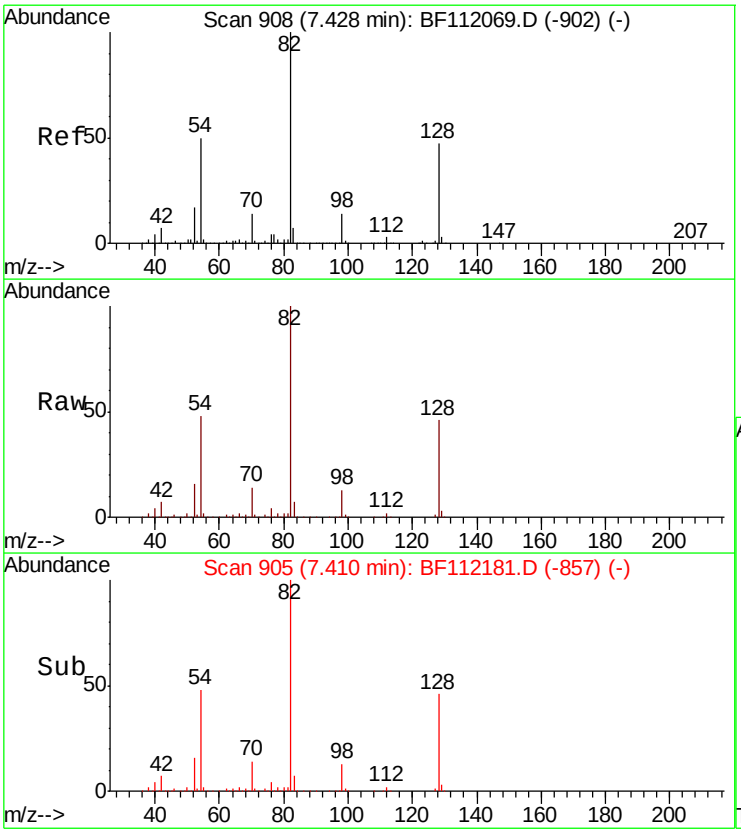

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:136 Resp: 702004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.1 | 13.7 |
| 54 | 6.7 | 5.9 | 8.9 |
| 68 | 5.0 | 5.1 | 7.7# |

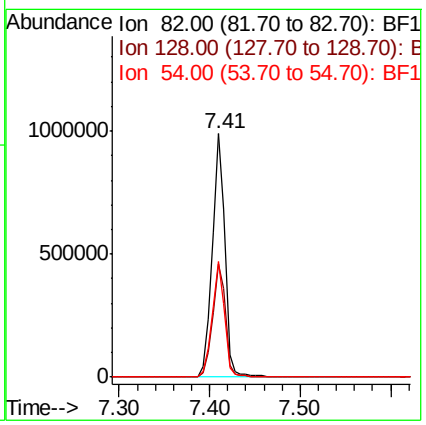


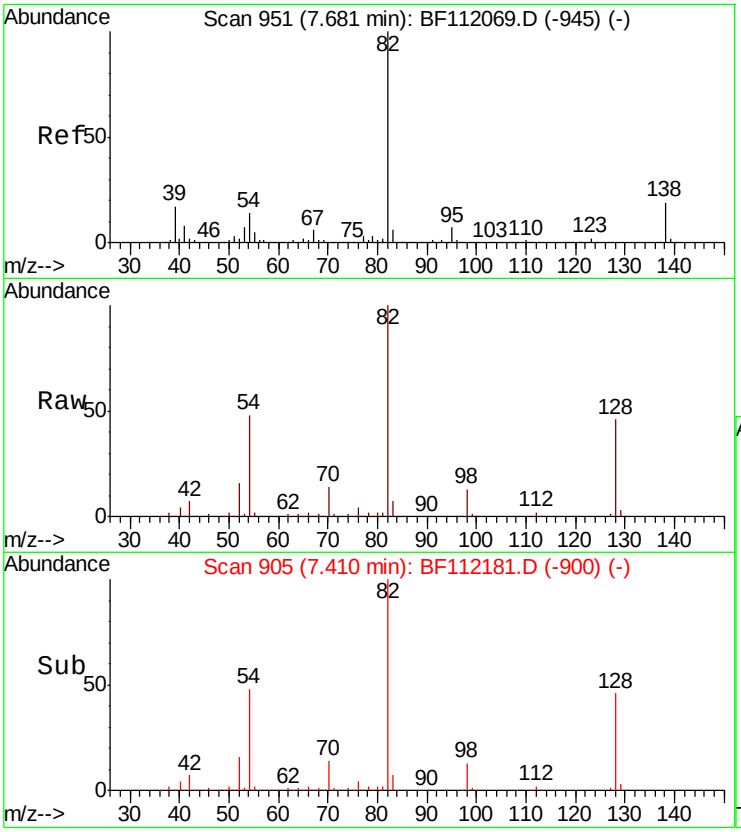




#23
Nitrobenzene-d5
Concen: 95.004 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion: 82 Resp: 965322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.3 | 37.8 | 56.8 |
| 54 | 47.7 | 39.7 | 59.5 |



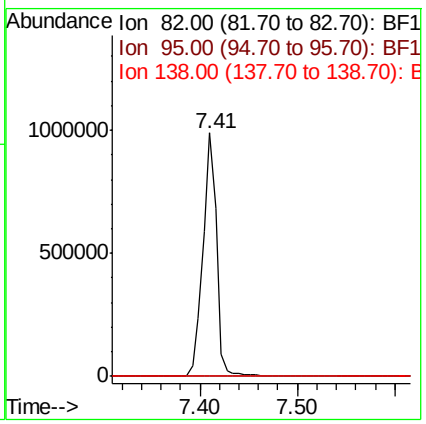


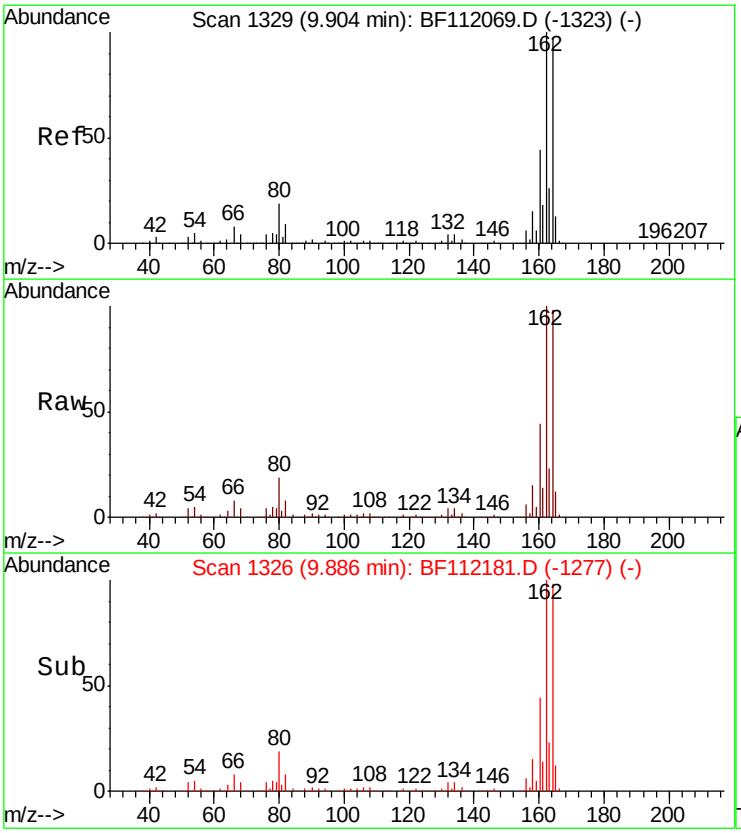

#25
Isophorone
Concen: 48.716 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion: 82 Resp: 956111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.7 | 8.5# |
| 138 | 0.0 | 15.4 | 23.0# |

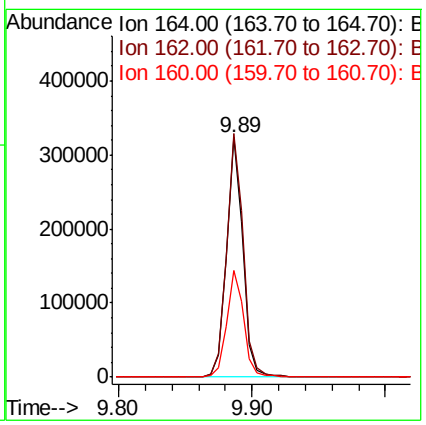


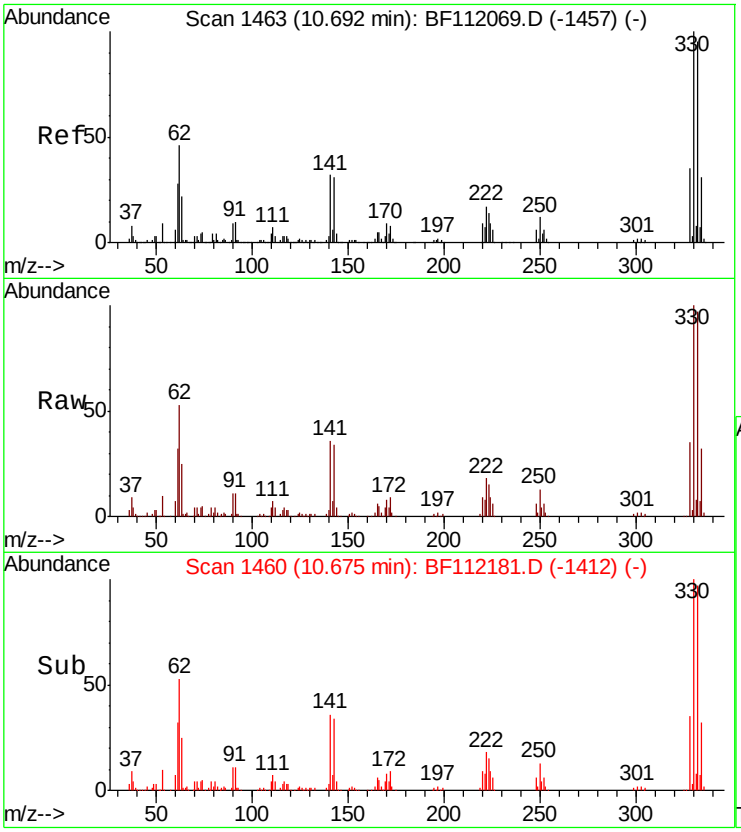




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:164 Resp: 279994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 82.2 | 123.4 |
| 160 | 44.7 | 36.2 | 54.4 |



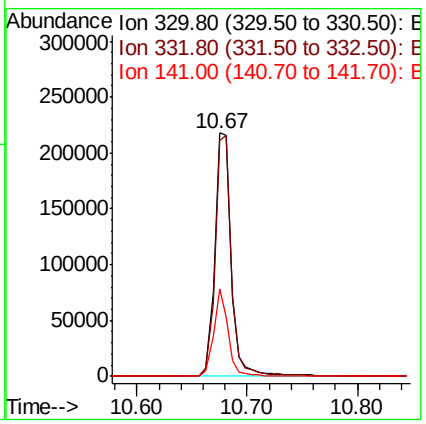


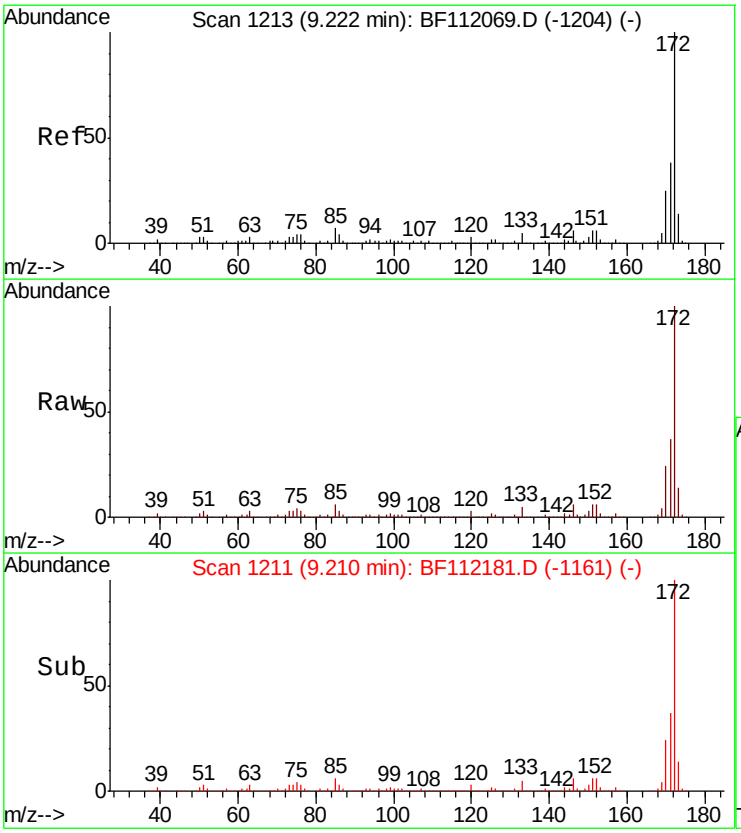

#42
2,4,6-Tribromophenol
Concen: 74.406 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:330 Resp: 224744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 76.6 | 114.8 |
| 141 | 31.4 | 24.3 | 36.5 |

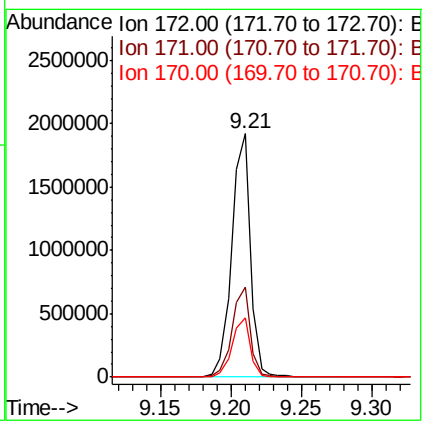


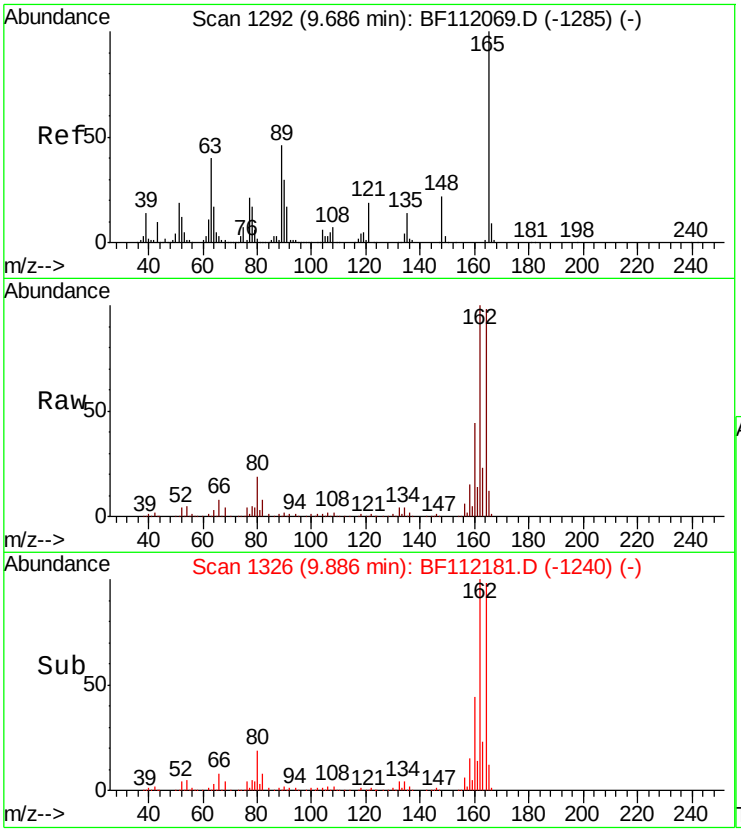




#45
2-Fluorobiphenyl
Concen: 93.066 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:172 Resp: 1777350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 30.5 | 45.7 |
| 170 | 24.4 | 20.2 | 30.4 |



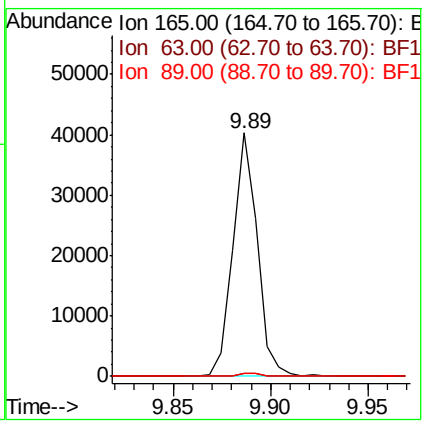


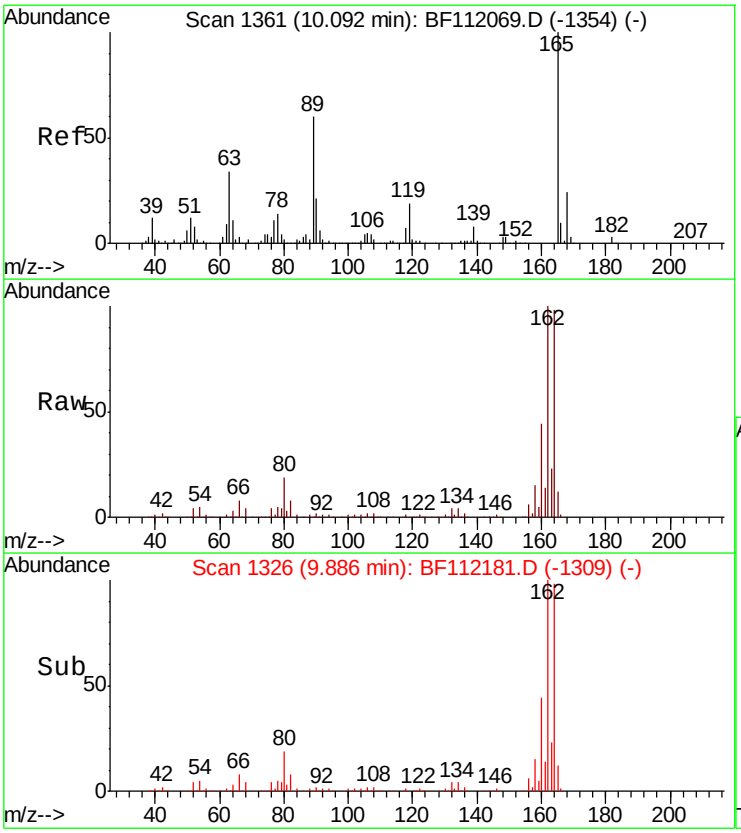

#51
2,6-Dinitrotoluene
Concen: 8.552 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:165 Resp: 34875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 33.8 | 50.8# |
| 89 | 1.4 | 36.9 | 55.3# |

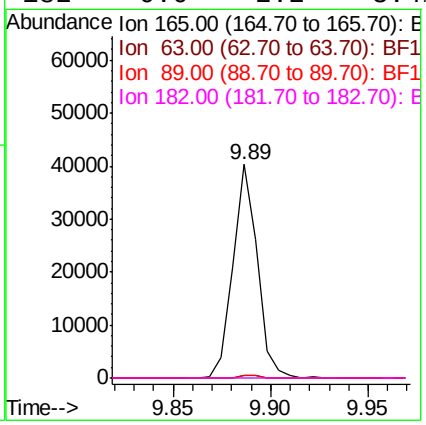


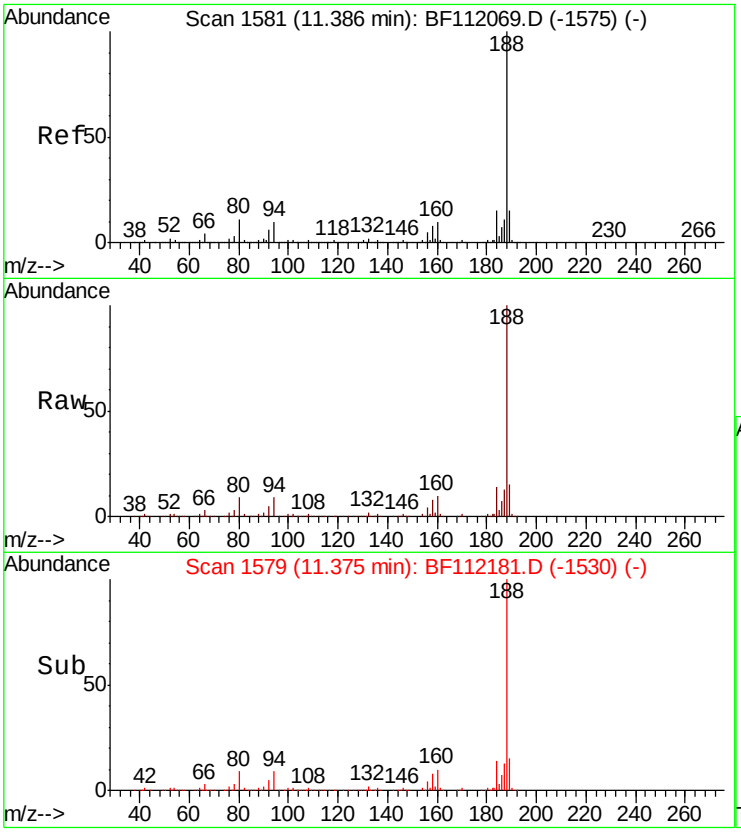




#57
2,4-Dinitrotoluene
Concen: 10.608 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:165 Resp: 34875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 27.9 | 41.9# |
| 89 | 1.4 | 47.9 | 71.9# |
| 182 | 0.0 | 2.2 | 3.4# |



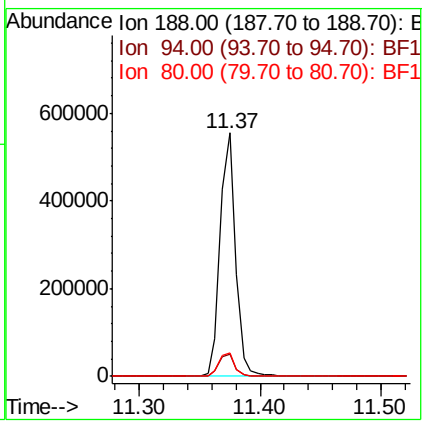


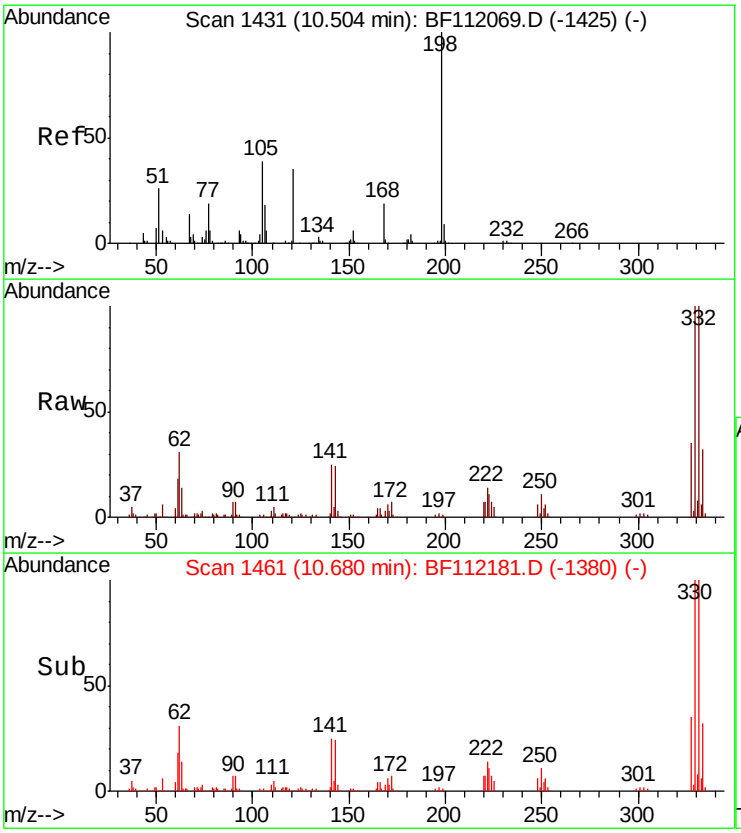

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:188 Resp: 489657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 8.2 | 12.2 |
| 80 | 9.5 | 8.9 | 13.3 |

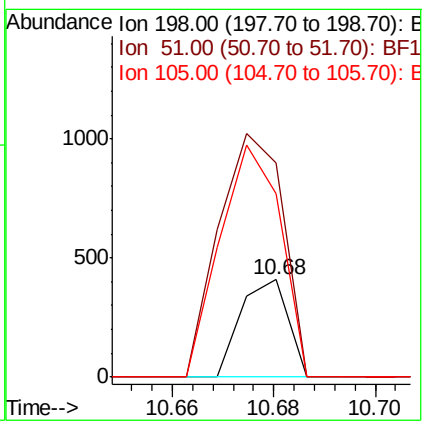


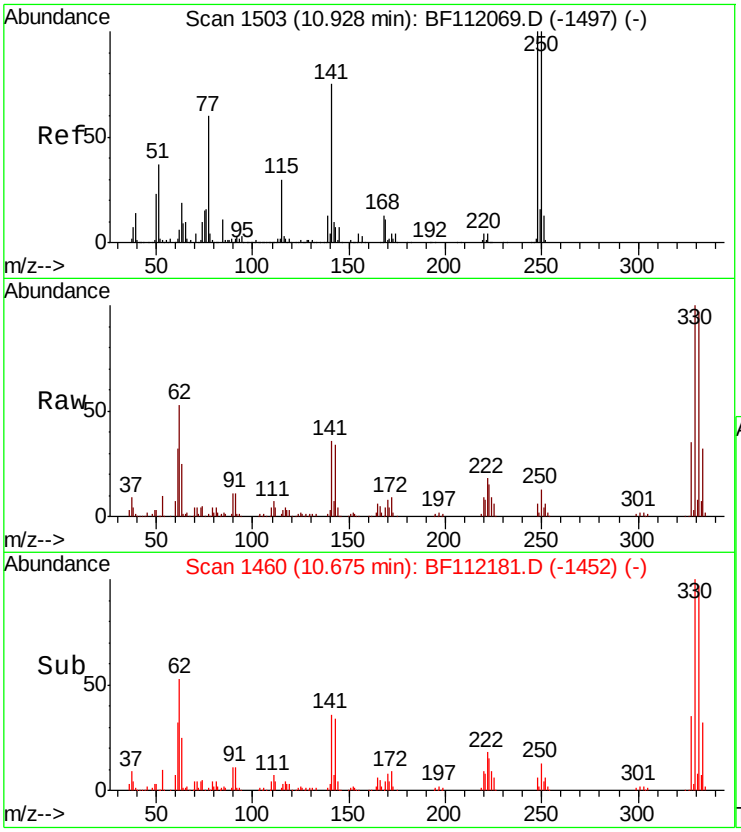




#65
4,6-Dinitro-2-methylphenol
Concen: 10.172 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:198 Resp: 265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 220.3 | 17.2 | 57.2# |
| 105 | 188.0 | 21.9 | 61.9# |



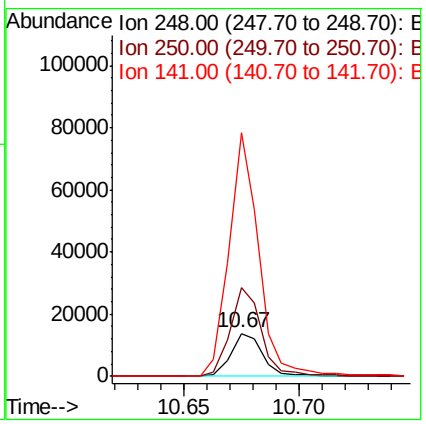


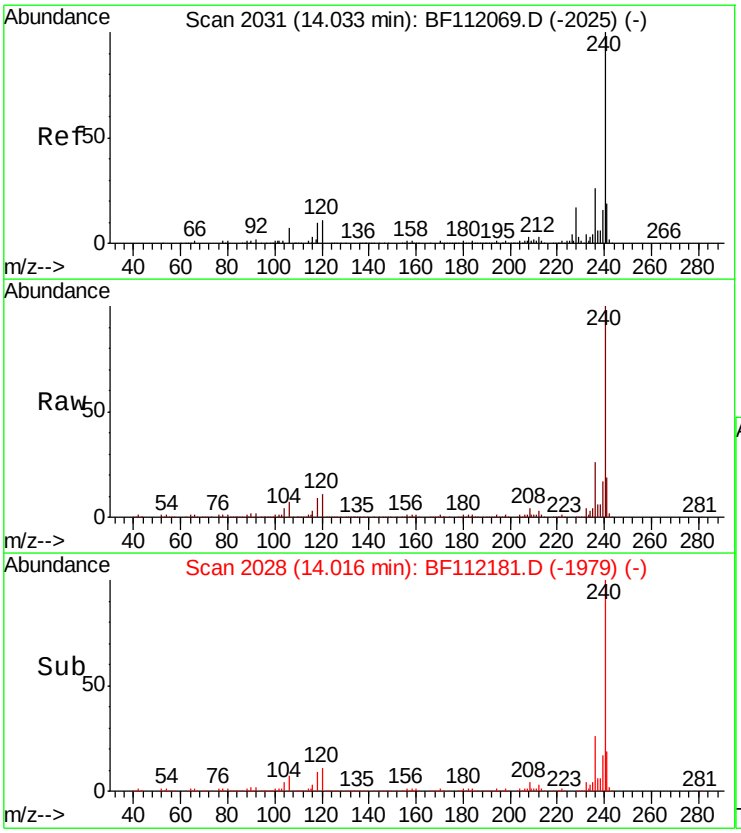

#67
4-Bromophenyl-phenylether
Concen: 2.295 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.25 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:248 Resp: 13053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 206.8 | 79.7 | 119.5# |
| 141 | 567.1 | 60.3 | 90.5# |

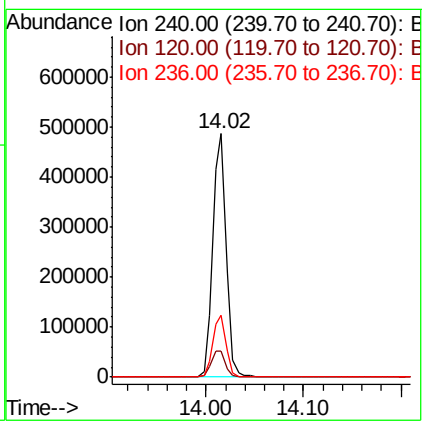


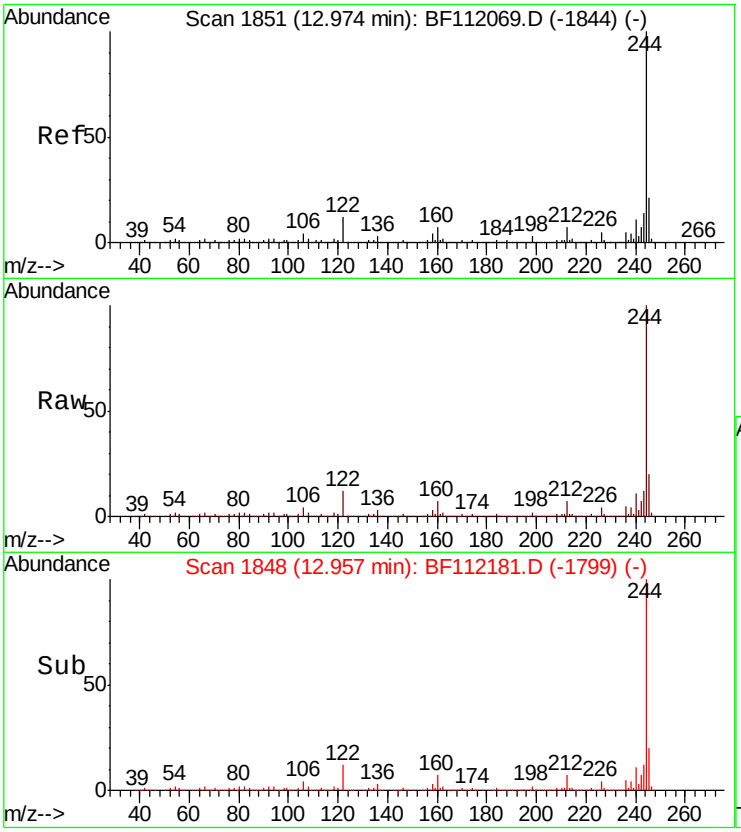




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:240 Resp: 459993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 9.0 | 13.6 |
| 236 | 25.6 | 20.7 | 31.1 |



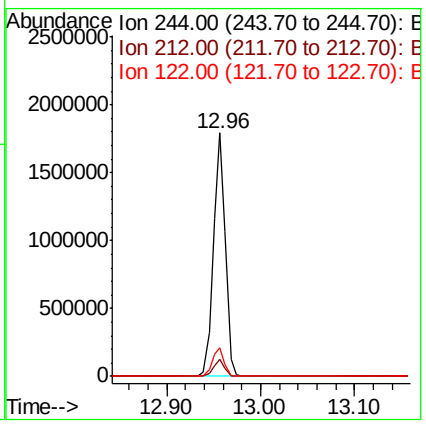


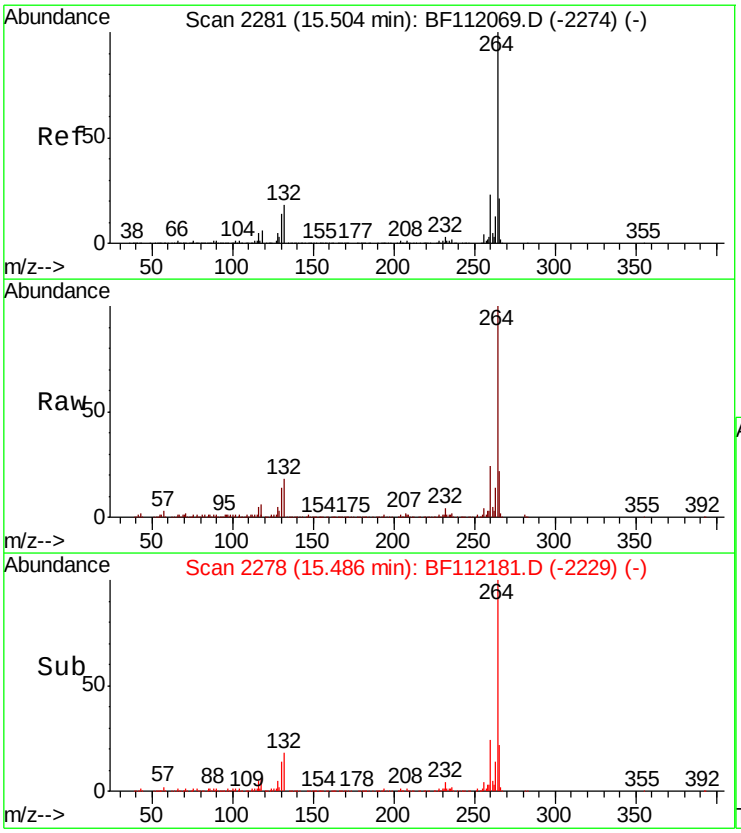

#79
Terphenyl-d14
Concen: 74.153 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB116516BL

Tgt Ion:244 Resp: 1603367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.9 | 8.9 |
| 122 | 11.7 | 9.8 | 14.6 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion:264 Resp: 324472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 18.2 | 27.2 |
| 265 | 22.2 | 17.0 | 25.4 |