Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109984.D
Acq On : 19 Oct 2018 2:51
Operator : JU/SJ
Sample : J5202-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PL-03-101718-C

Quant Time: Oct 19 10:29:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 185111 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.26 | 136 | 681485 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 10.02 | 164 | 277547 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.51 | 188 | 495038 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.16 | 240 | 409880 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.69 | 264 | 309144 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 605341 | 51.84 | ng | 0.00 |
| 7) Phenol-d6 | 6.59 | 99 | 744650 | 51.35 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 438320 | 43.33 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 143143 | 59.57 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.33 | 172 | 751652 | 43.21 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.09 | 244 | 713218 | 36.54 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.60 | 94 | 77857 | 4.973 | ng | # 60 |
| 19) n-Nitroso-di-n-propylamine | 7.53 | 70 | 57629 | 6.190 | ng | # 81 |
| 25) Isophorone | 7.53 | 82 | 438315 | 22.050 | ng | # 67 |
| 50) Dimethylphthalate | 9.72 | 163 | 90197 | 4.590 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 10.02 | 165 | 35004 | 9.378 | ng | # 23 |
| 57) 2,4-Dinitrotoluene | 10.02 | 165 | 35005 | 11.298 | ng | # 19 |
| 65) 4,6-Dinitro-2-methylphenol | 10.80 | 198 | 258 | 8.025 | ng | # 1 |

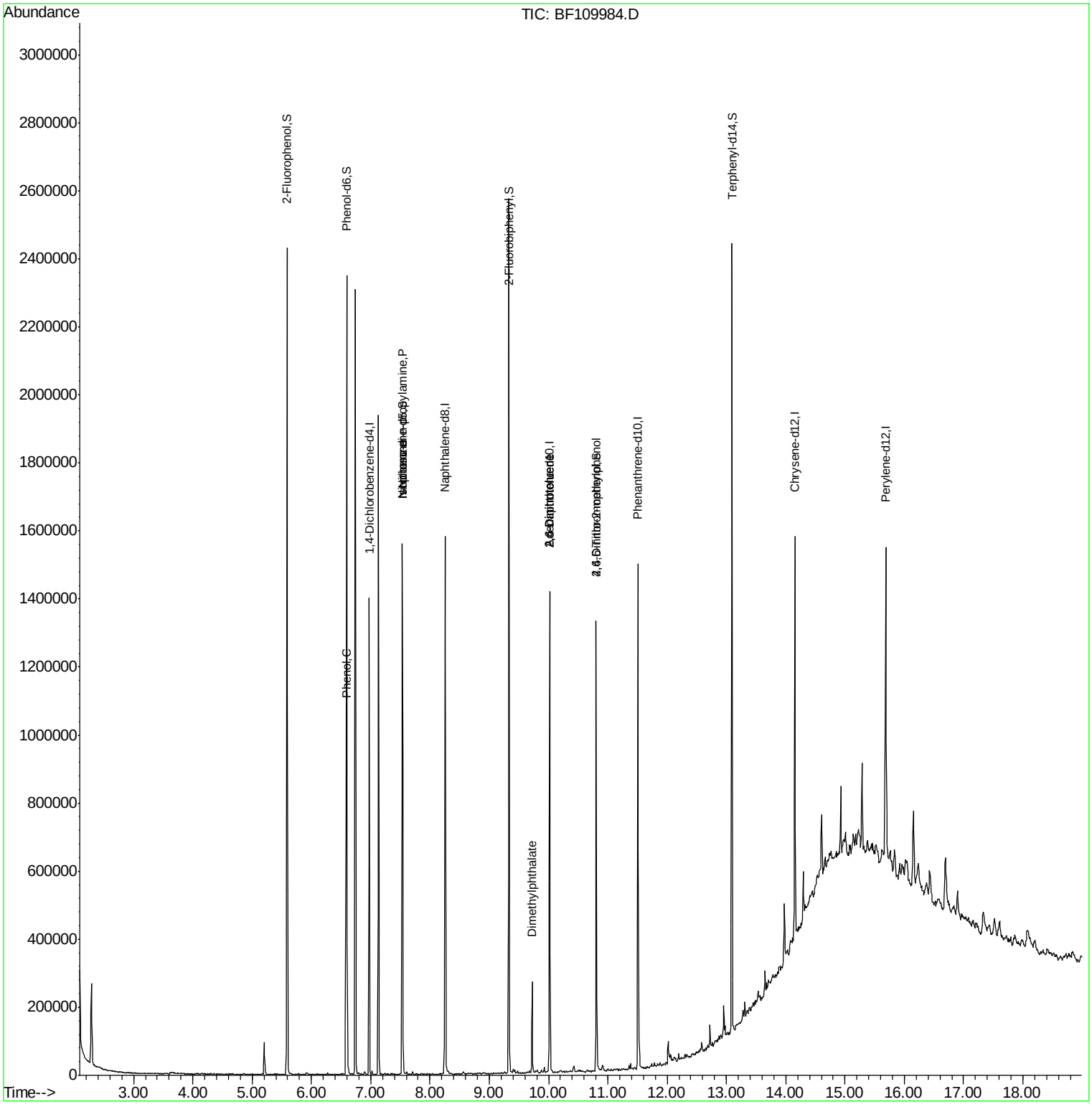
(#) = qualifier out of range (m) = manual integration (+) = signals summed

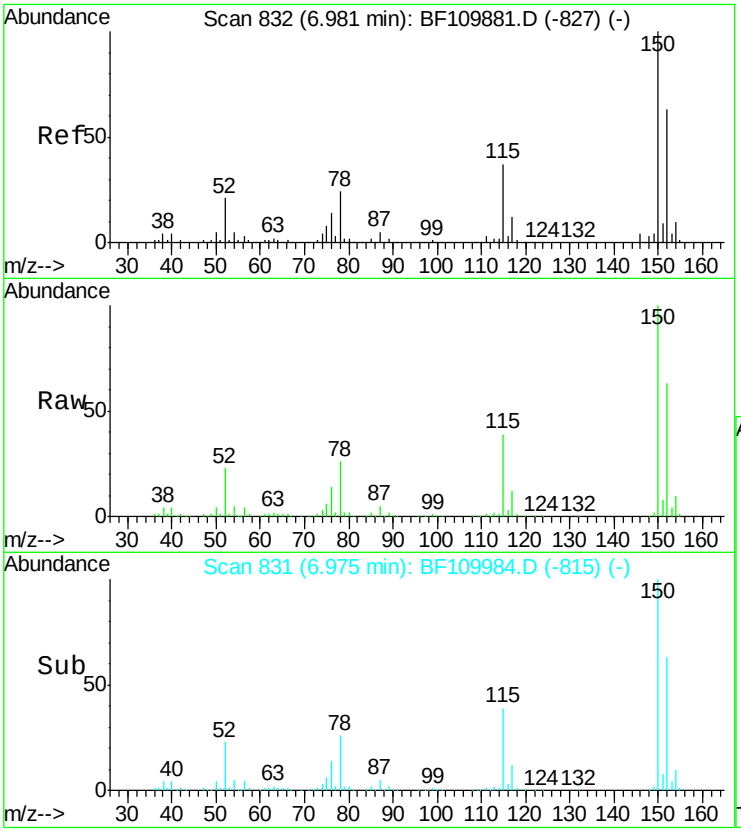
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109984.D
Acq On : 19 Oct 2018 2:51
Operator : JU/SJ
Sample : J5202-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Quant Time: Oct 19 10:29:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



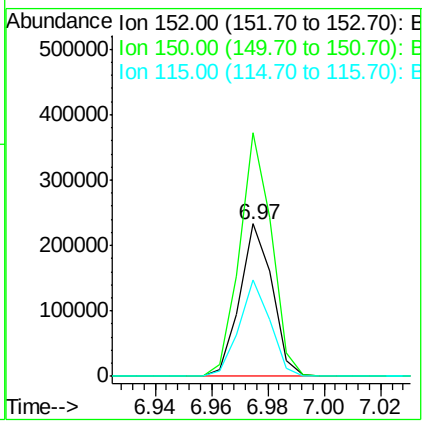


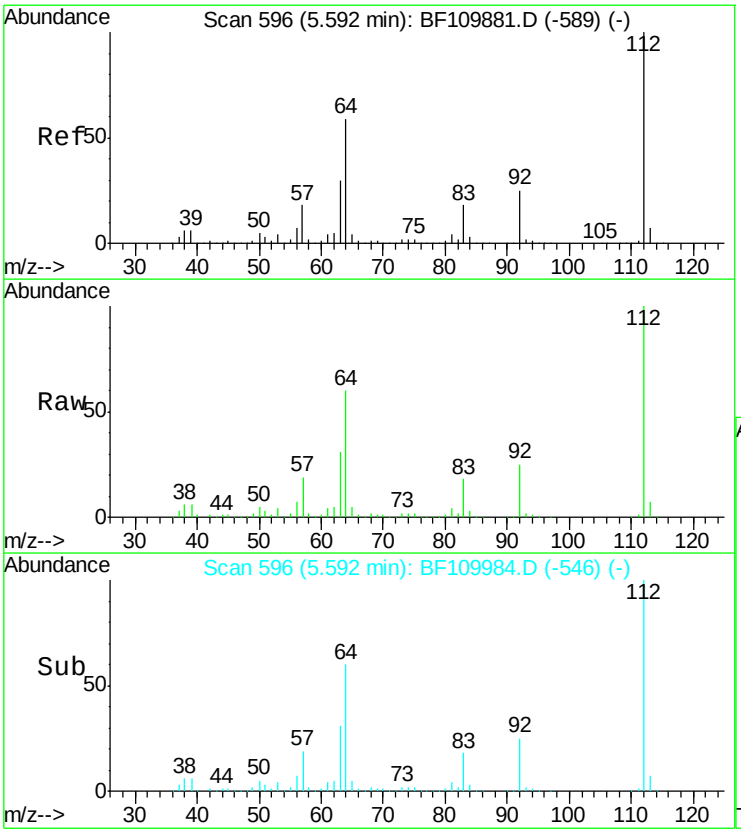

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:152 Resp: 185111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.0 | 122.7 | 184.1 |
| 115 | 63.1 | 49.1 | 73.7 |

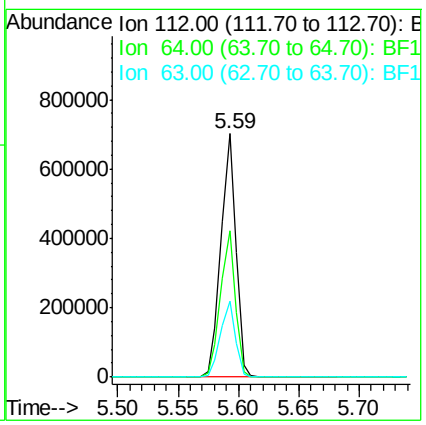


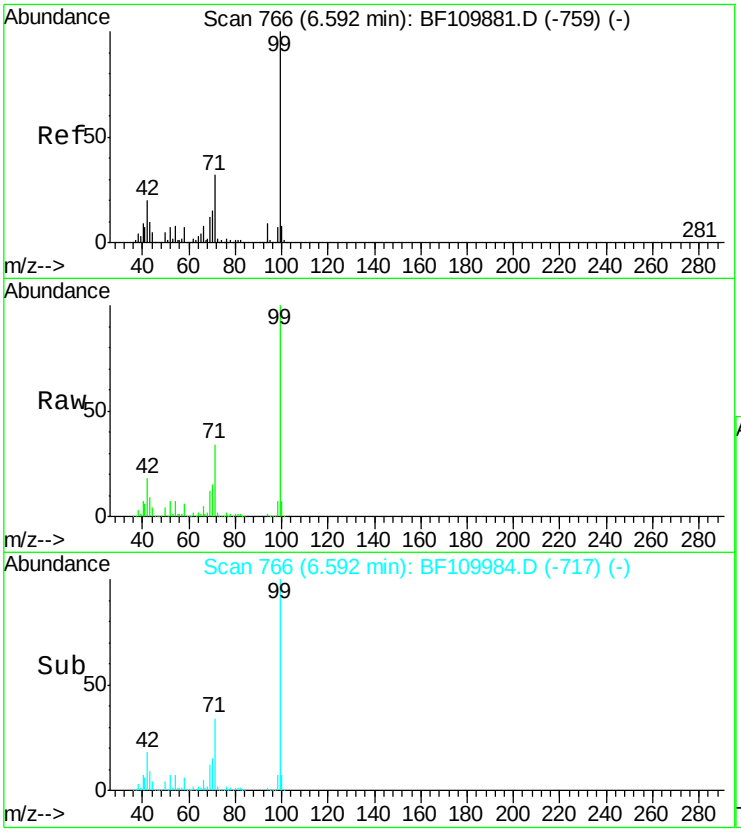




#5
2-Fluorophenol
Concen: 51.836 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:112 Resp: 605341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.9 | 44.1 | 66.1 |
| 63 | 31.3 | 23.7 | 35.5 |



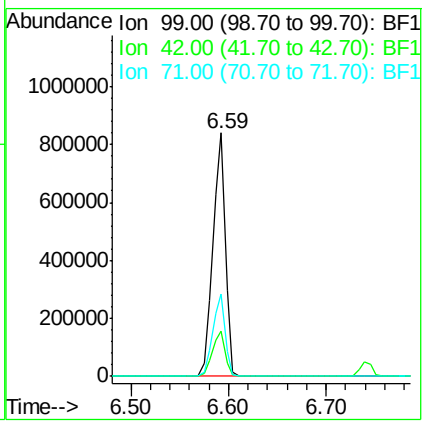


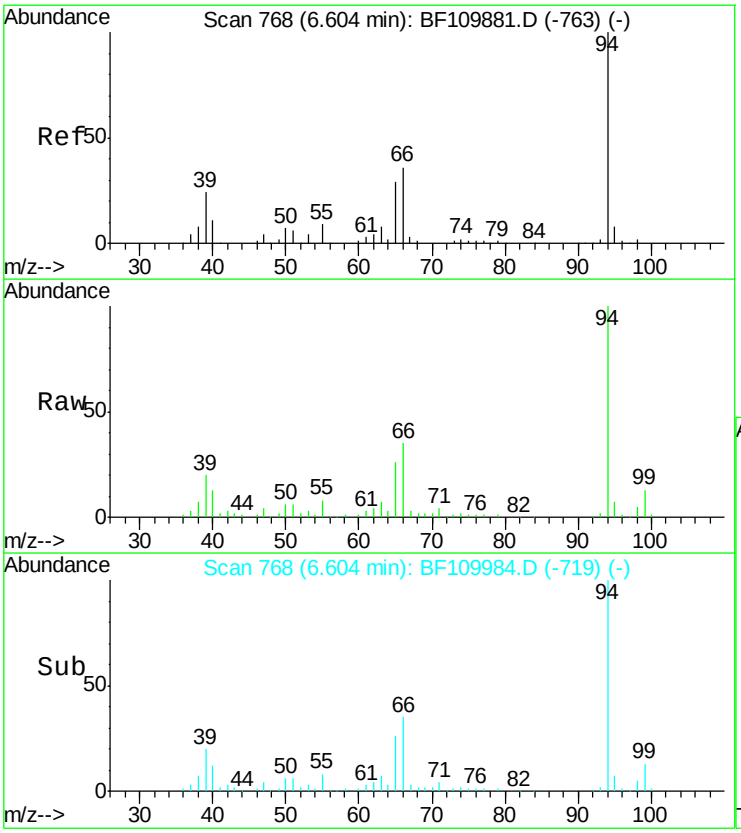

#7
Phenol-d6
Concen: 51.352 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion: 99 Resp: 744650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.4 | 15.8 | 23.6 |
| 71 | 33.6 | 28.0 | 42.0 |

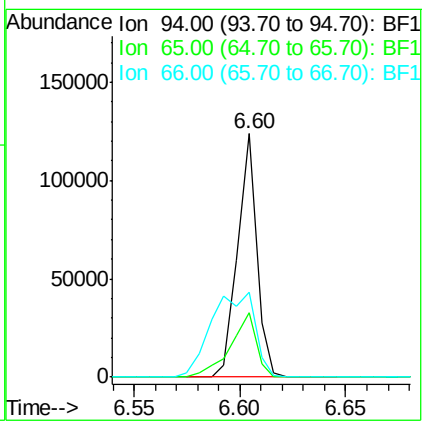


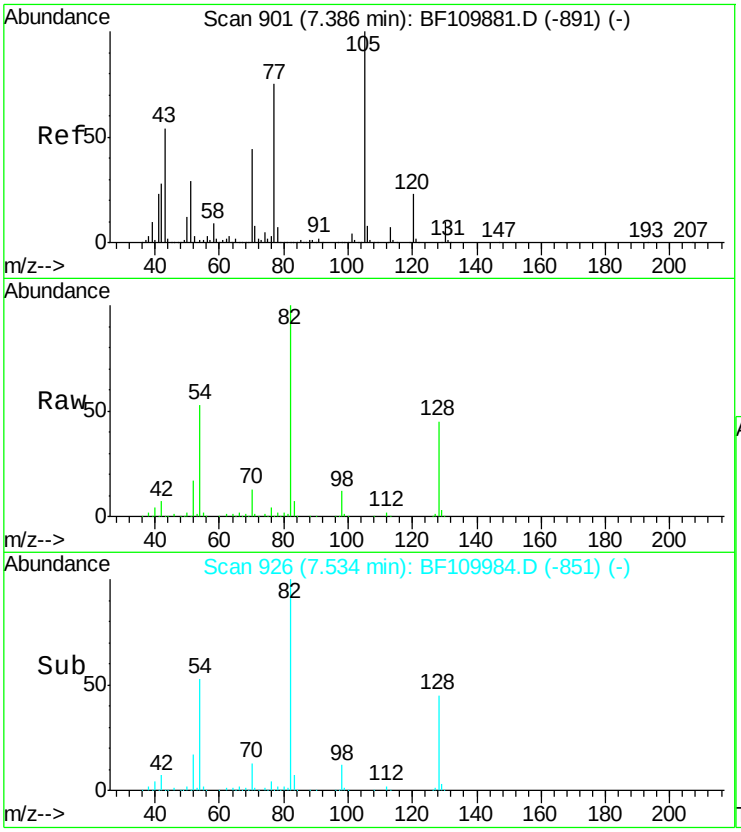




#10
Phenol
Concen: 4.973 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion: 94 Resp: 77857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.4 | 25.3 | 65.3 |
| 66 | 34.9 | 54.5 | 94.5# |



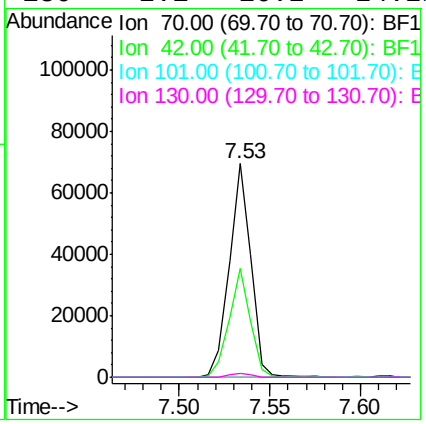


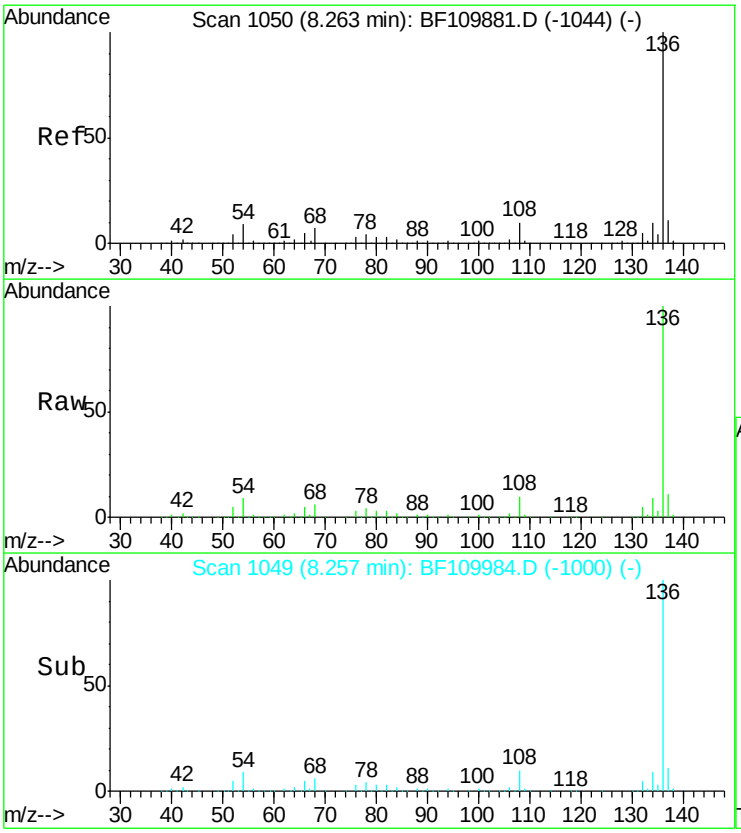

#19
n-Nitroso-di-n-propylamine
Concen: 6.190 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion: 70 Resp: 57629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.2 | 47.4 | 71.2 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 2.1 | 16.2 | 24.2# |

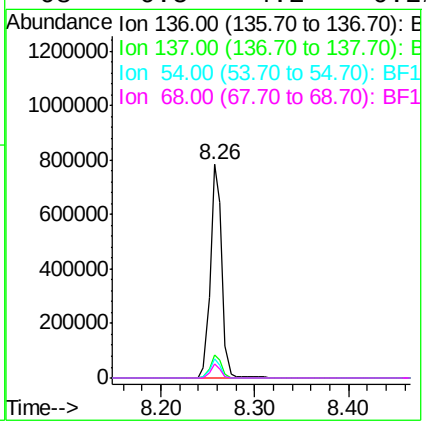


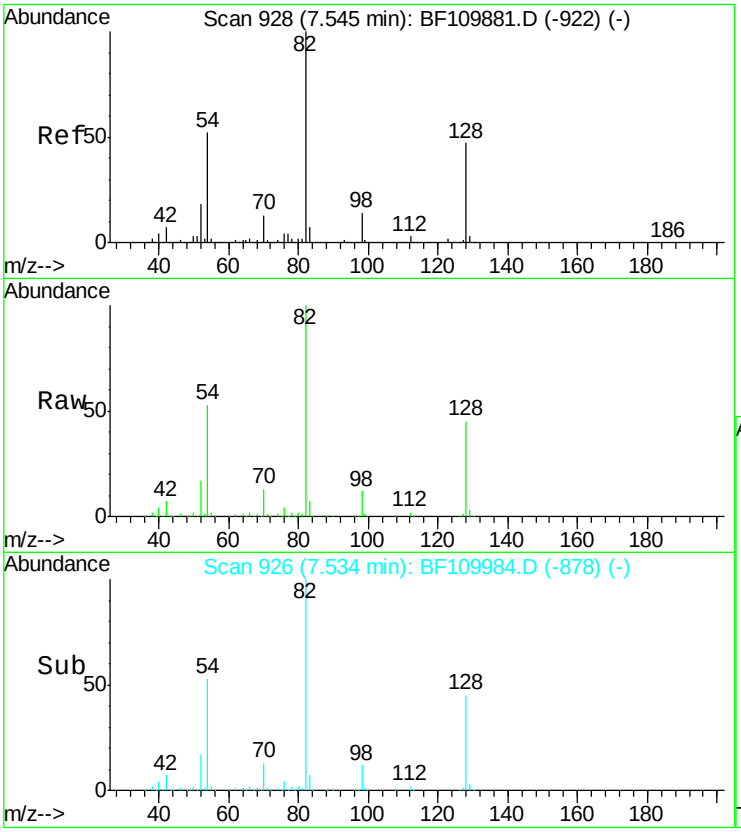




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:136 Resp: 681485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 8.8 | 5.4 | 8.2# |
| 68 | 6.5 | 4.2 | 6.2# |



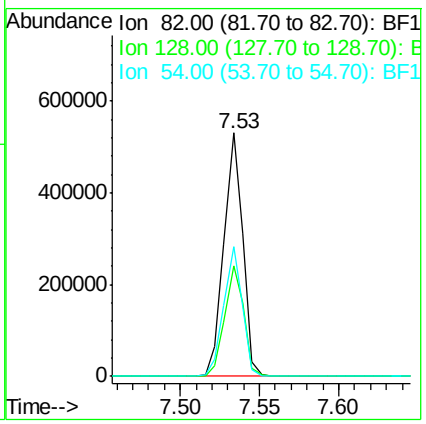


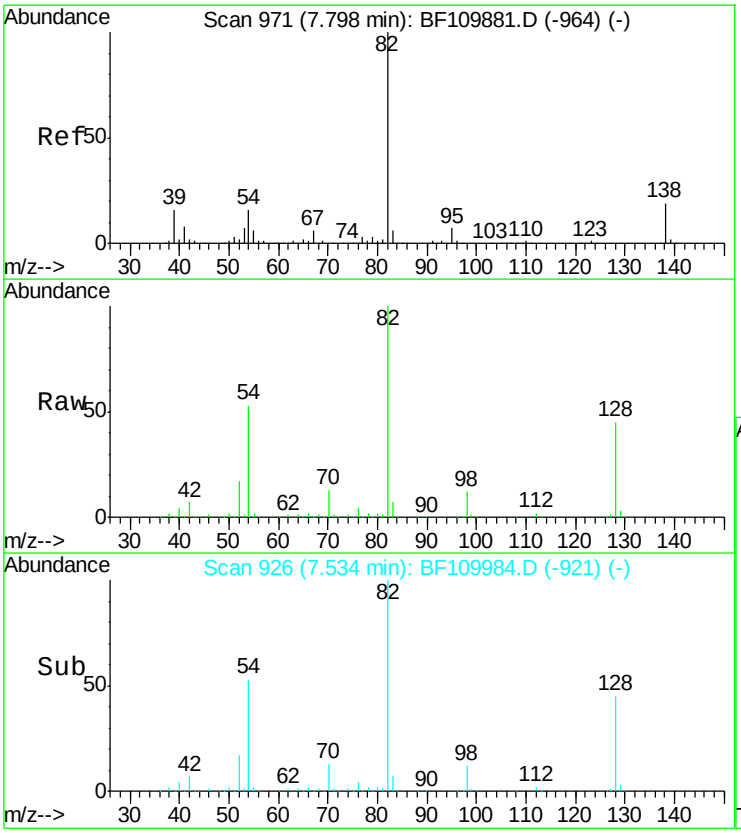

#23
Nitrobenzene-d5
Concen: 43.327 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion: 82 Resp: 438320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.4 | 34.2 | 51.2 |
| 54 | 53.3 | 38.6 | 58.0 |

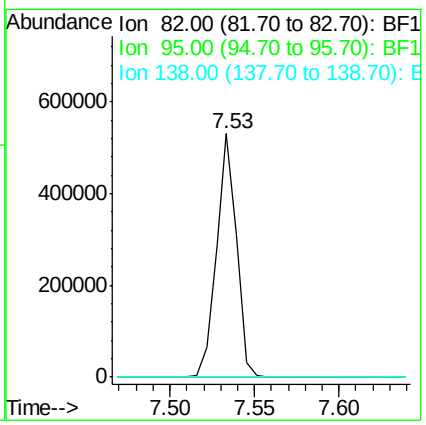


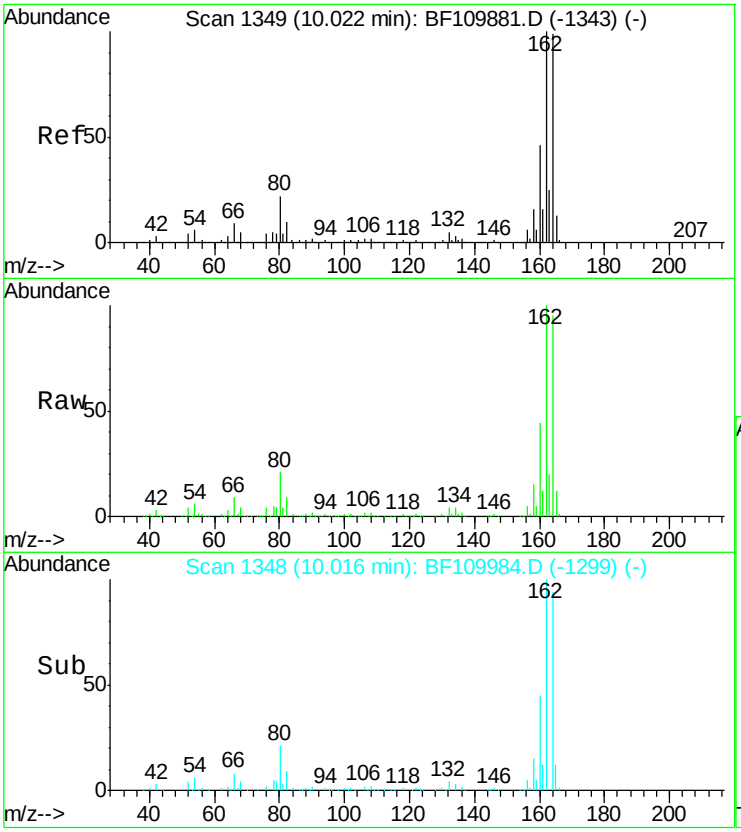




#25
Isophorone
Concen: 22.050 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion: 82 Resp: 438315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.7 | 8.5# |
| 138 | 0.0 | 13.2 | 19.8# |



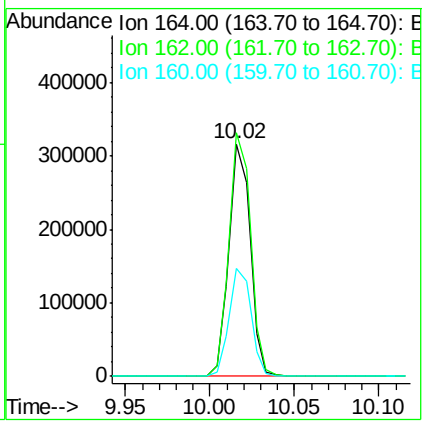


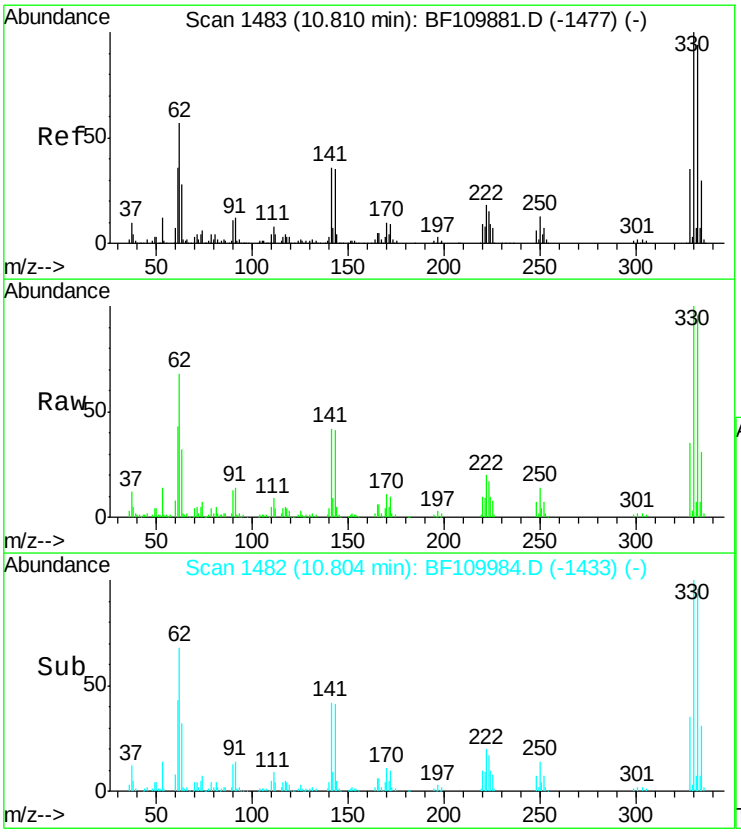

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:164 Resp: 277547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.8 | 83.0 | 124.6 |
| 160 | 46.6 | 37.0 | 55.6 |

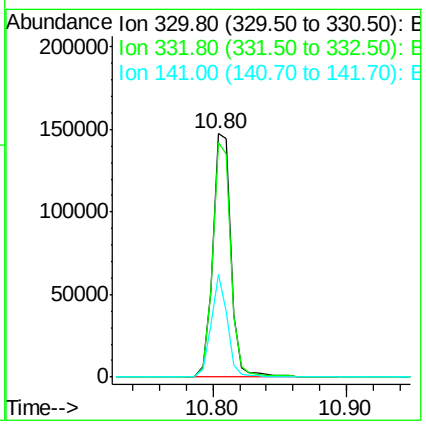


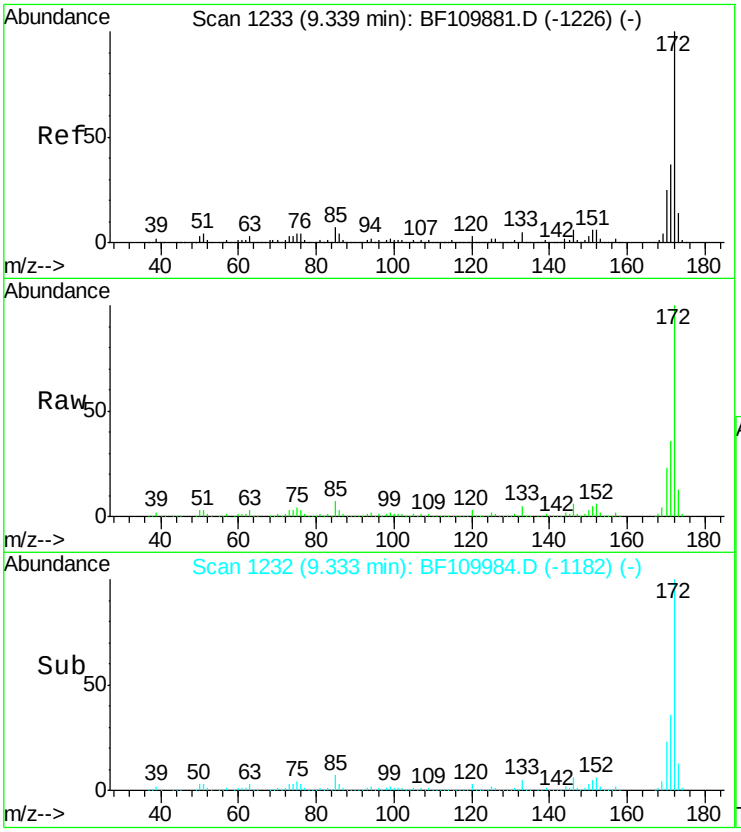




#42
2,4,6-Tribromophenol
Concen: 59.570 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:330 Resp: 143143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 77.1 | 115.7 |
| 141 | 37.5 | 27.0 | 40.4 |



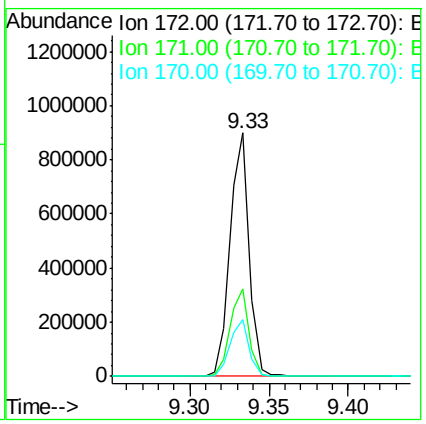


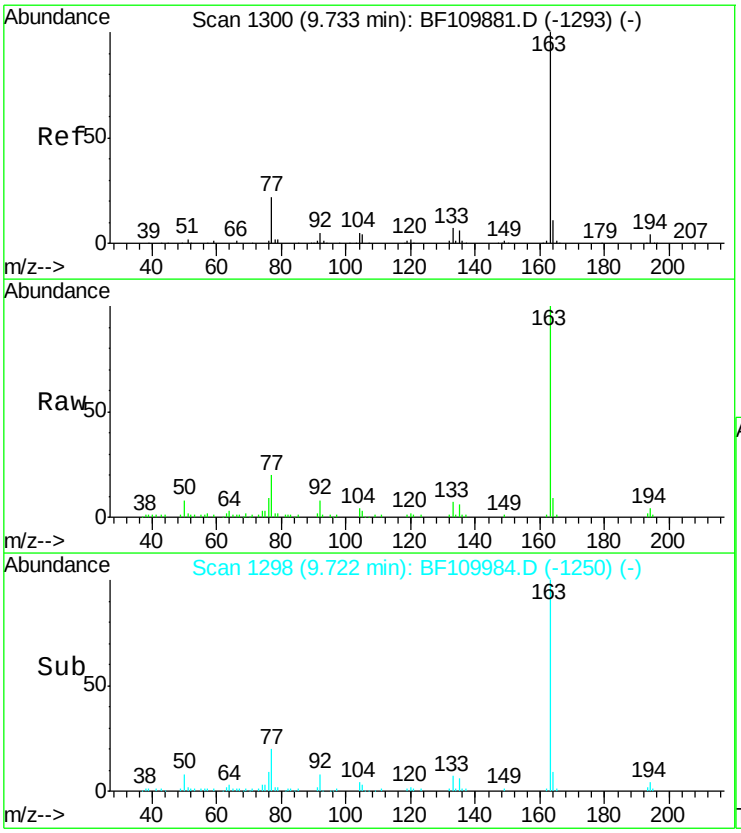

#45
2-Fluorobiphenyl
Concen: 43.213 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:172 Resp: 751652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 28.6 | 43.0 |
| 170 | 23.5 | 19.7 | 29.5 |

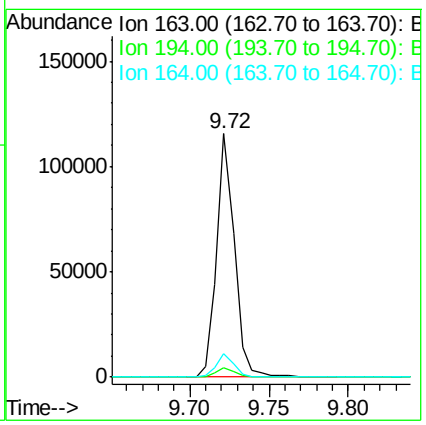


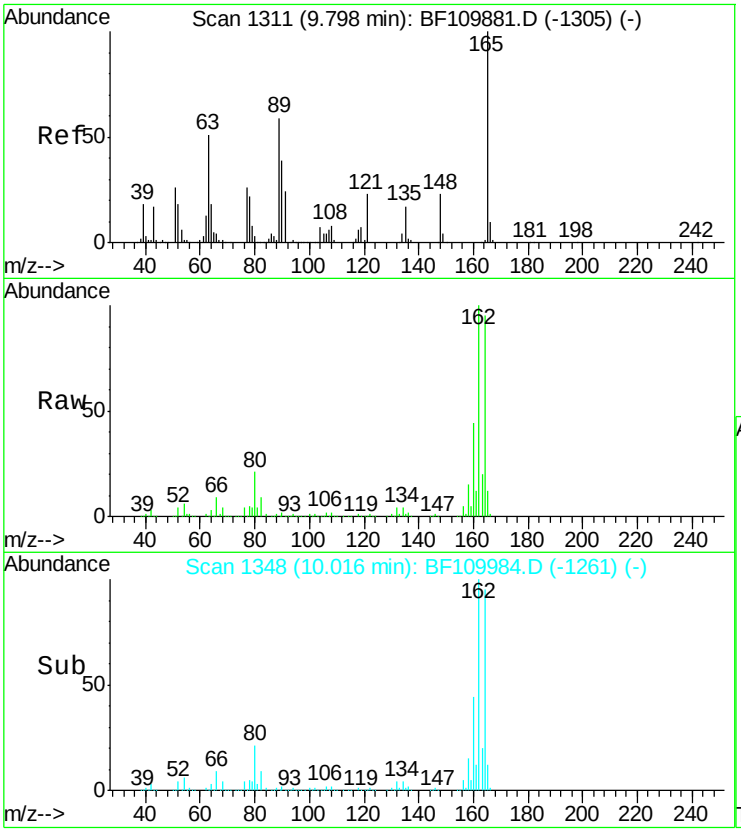




#50
Dimethylphthalate
Concen: 4.590 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:163 Resp: 90197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.2 | 4.8 |
| 164 | 9.5 | 8.1 | 12.1 |



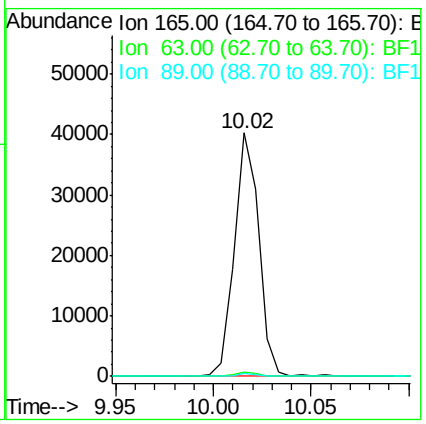


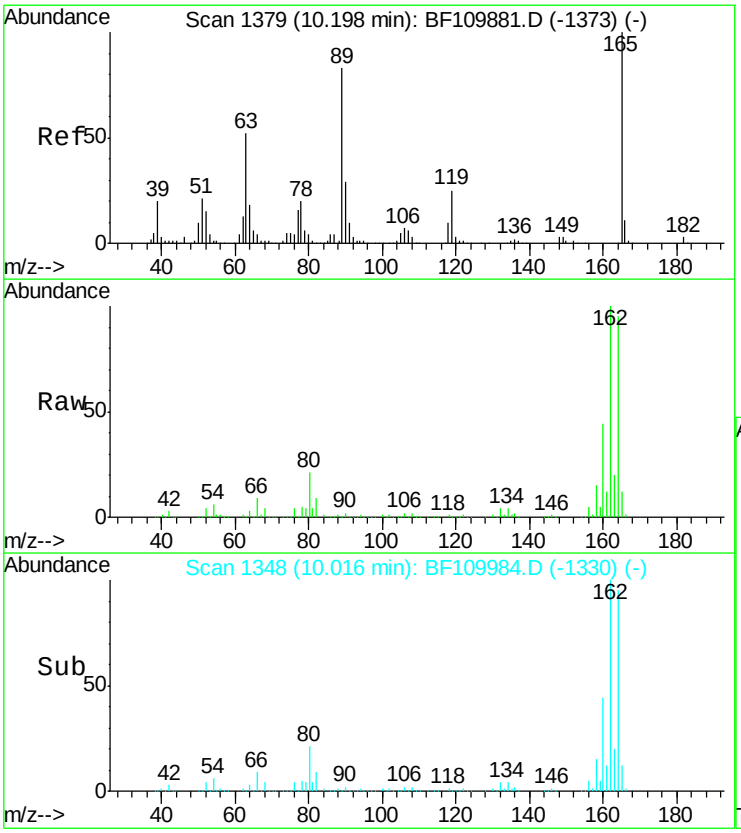

#51
2,6-Dinitrotoluene
Concen: 9.378 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:165 Resp: 35004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 48.9 | 73.3# |
| 89 | 1.3 | 46.6 | 69.8# |

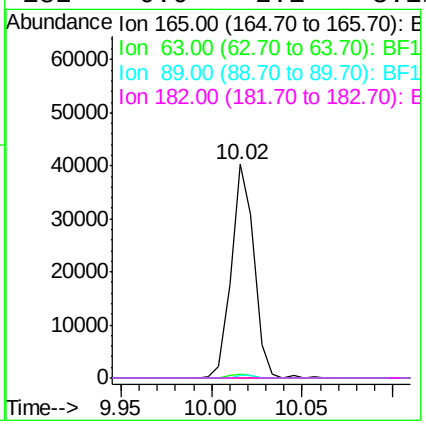


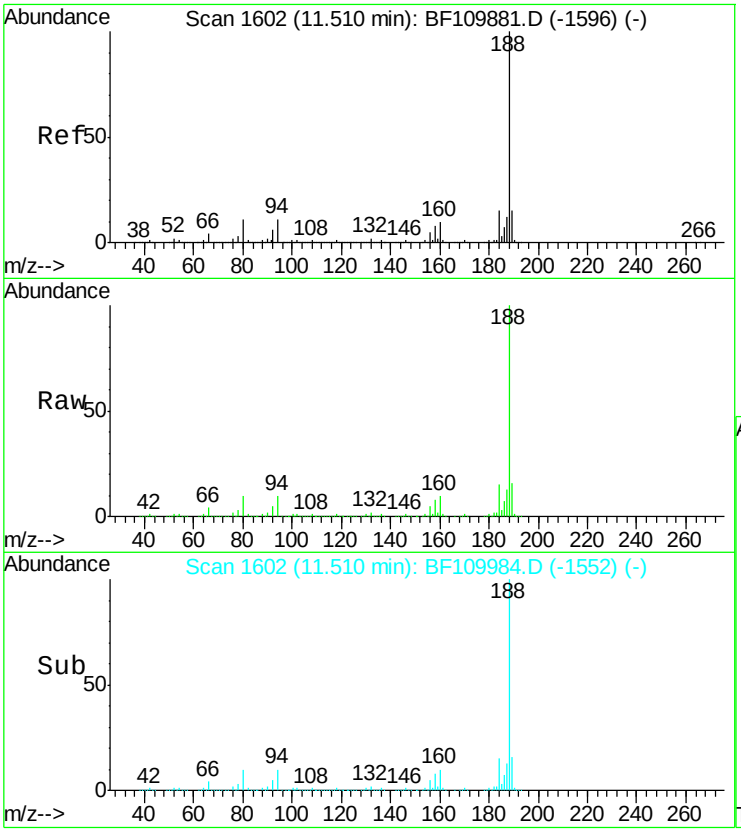




#57
2,4-Dinitrotoluene
Concen: 11.298 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:165 Resp: 35005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 44.8 | 67.2# |
| 89 | 1.3 | 62.2 | 93.4# |
| 182 | 0.0 | 2.1 | 3.1# |



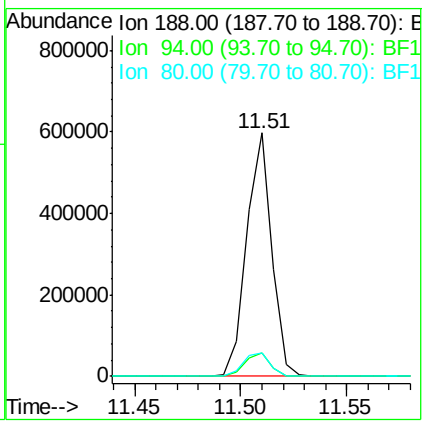


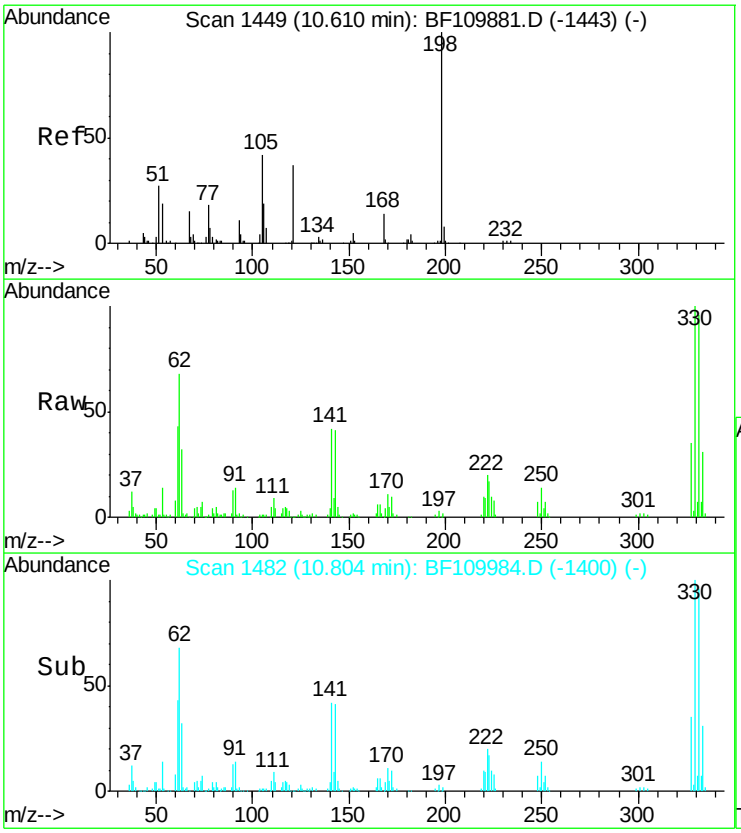

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:188 Resp: 495038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 7.2 | 10.8 |
| 80 | 9.8 | 7.9 | 11.9 |

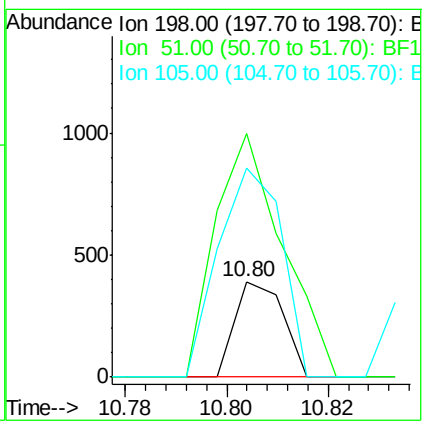


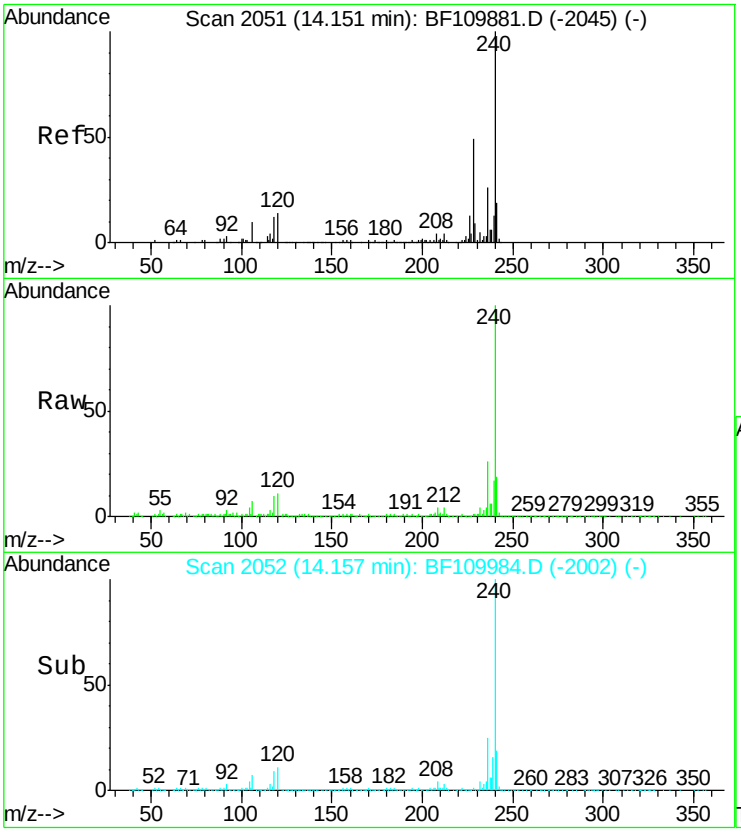




#65
4,6-Dinitro-2-methylphenol
Concen: 8.025 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:198 Resp: 258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 254.3 | 22.8 | 62.8# |
| 105 | 218.6 | 23.6 | 63.6# |



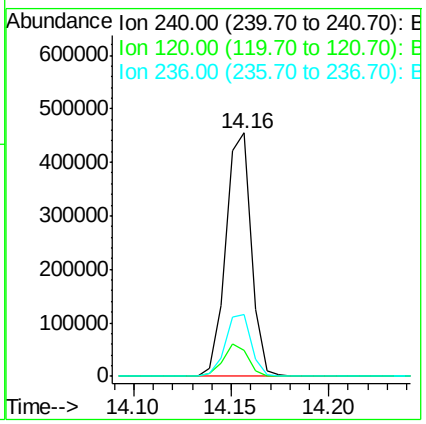


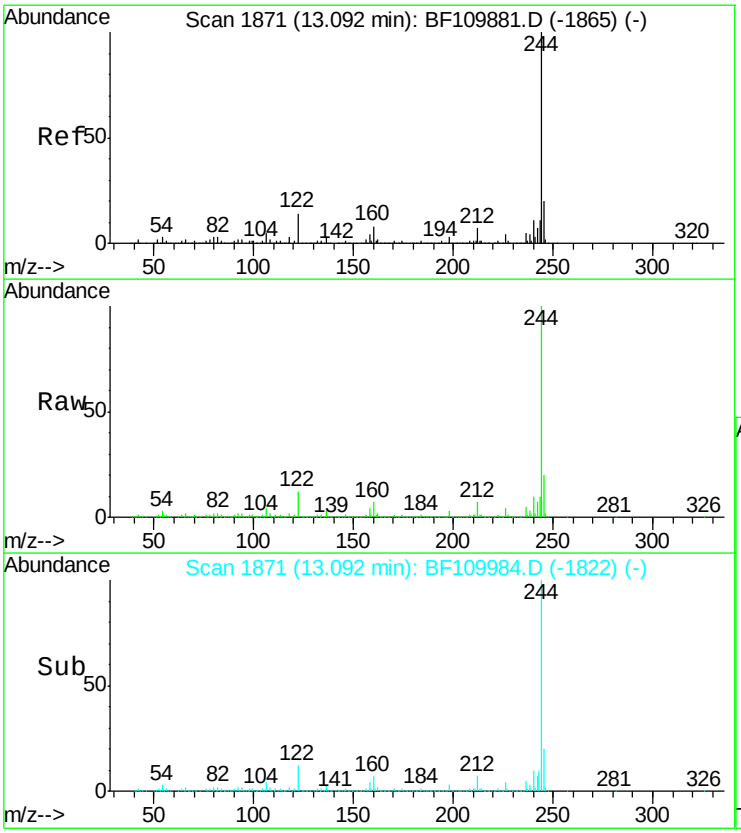

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:240 Resp: 409880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.3 | 12.5 |
| 236 | 25.5 | 21.2 | 31.8 |

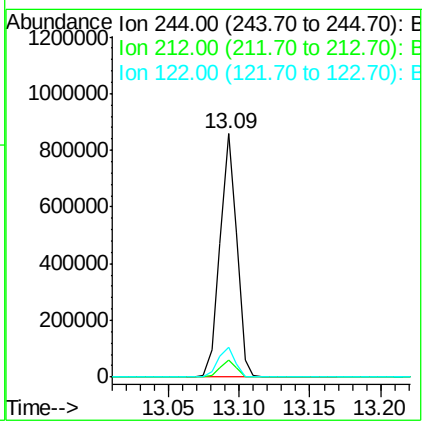


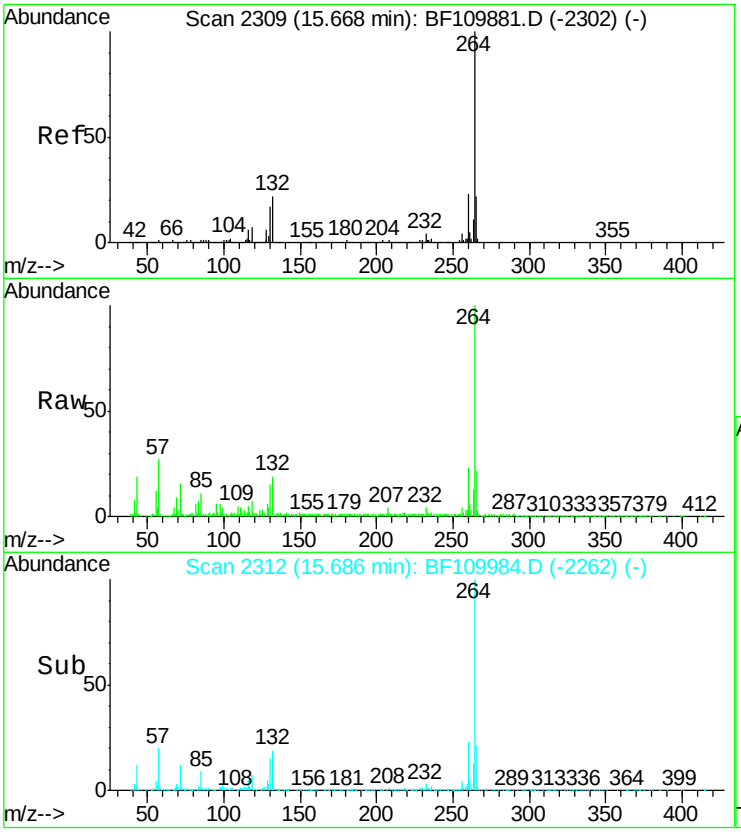




#79
Terphenyl-d14
Concen: 36.540 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

Tgt Ion:244 Resp: 713218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.8 | 8.8 |
| 122 | 12.3 | 8.7 | 13.1 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109984.D
Acq: 19 Oct 2018 2:51

**Instrument :**
BNA_F
**ClientSampleId :**
PL-03-101718-C

Tgt Ion:264 Resp: 309144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.7 | 28.1 |
| 265 | 21.6 | 16.7 | 25.1 |