Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109903.D
Acq On : 16 Oct 2018 14:20
Operator : JU/SJ
Sample : J5515-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 16 14:55:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.98 | 152 | 247852 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.26 | 136 | 916059 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.02 | 164 | 366172 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.52 | 188 | 553549 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.16 | 240 | 557470 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.69 | 264 | 578168 | 20.00 | ng | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 1385727 | 88.62 | ng | 0.01 |
| 7) Phenol-d6 | 6.60 | 99 | 1744563 | 89.85 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.54 | 82 | 1058614 | 77.85 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.81 | 330 | 261866 | 82.60 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.34 | 172 | 1716604 | 74.80 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.10 | 244 | 1343280 | 50.60 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.61 | 94 | 123885 | 5.910 | ng | # 59 |
| 19) n-Nitroso-di-n-propylamine | 7.54 | 70 | 138235 | 11.089 | ng | # 82 |
| 25) Isophorone | 7.54 | 82 | 1058600 | 39.618 | ng | # 67 |
| 50) Dimethylphthalate | 9.73 | 163 | 291378 | 11.238 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.02 | 165 | 47207 | 11.447 | ng | # 19 |
| 65) 4,6-Dinitro-2-methylphenol | 10.81 | 198 | 567 | 8.141 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.81 | 248 | 16415 | 2.736 | ng | # 1 |

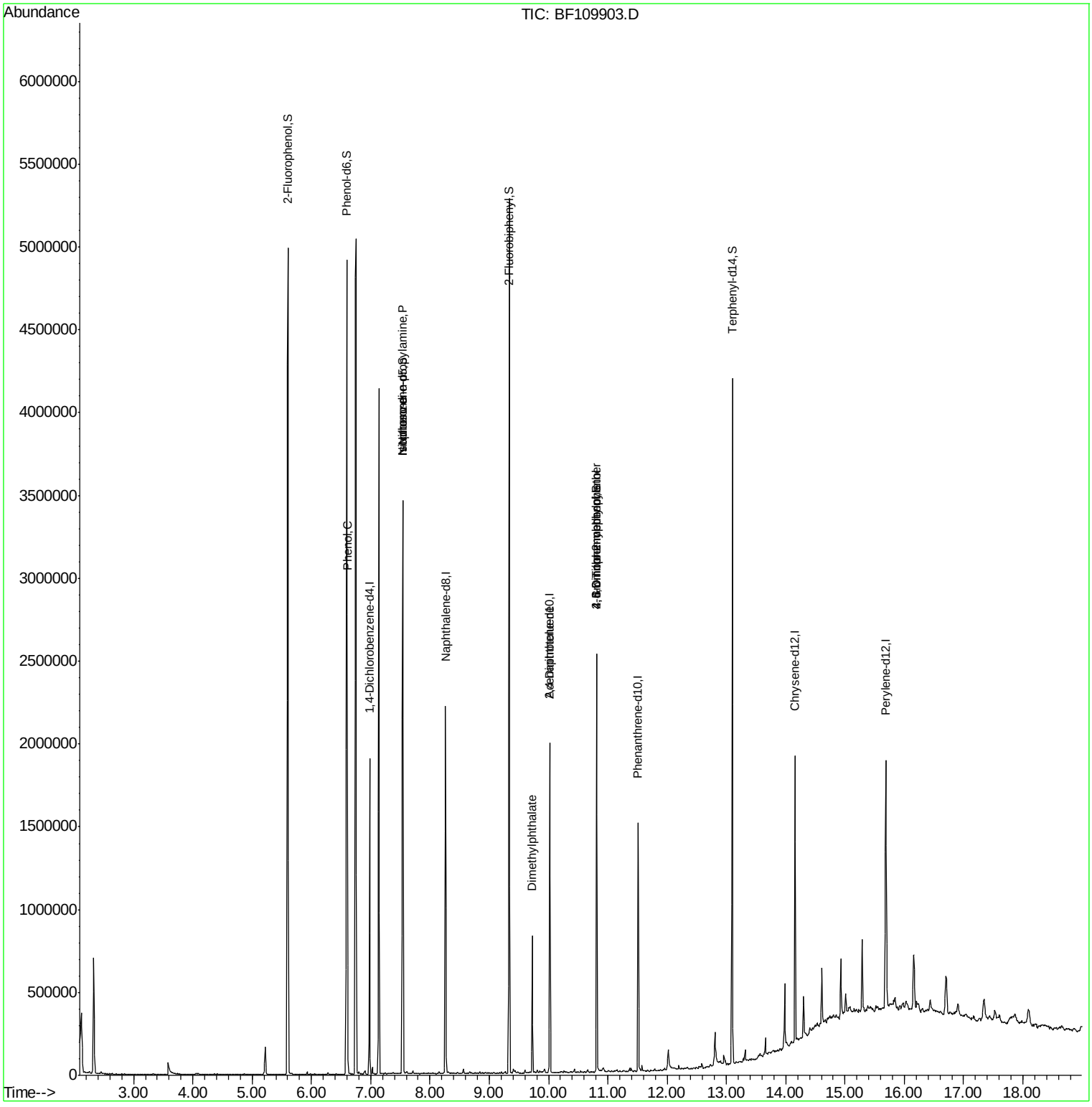
(#) = qualifier out of range (m) = manual integration (+) = signals summed

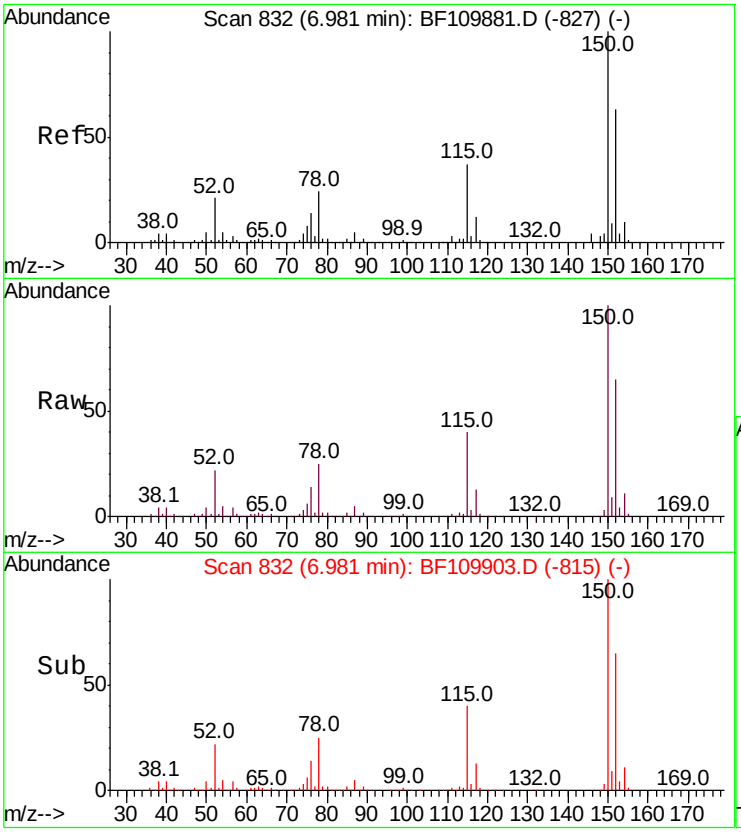
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109903.D
Acq On : 16 Oct 2018 14:20
Operator : JU/SJ
Sample : J5515-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 16 14:55:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
Response via : Initial Calibration



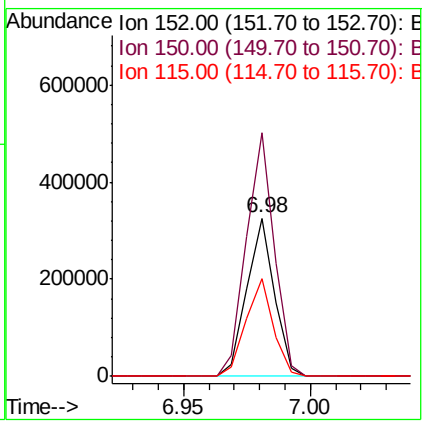


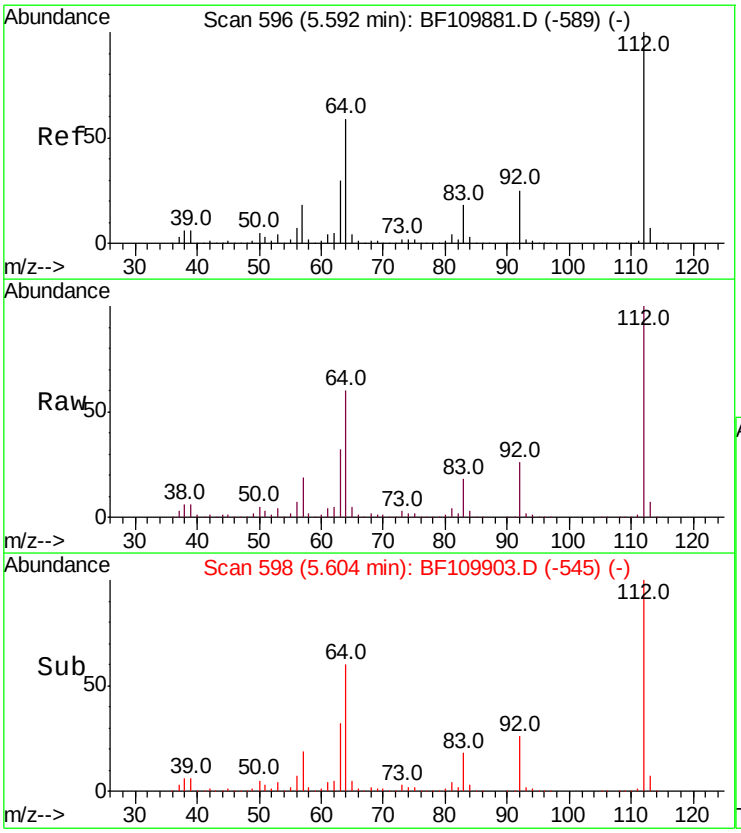

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:152 Resp: 247852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 122.7 | 184.1 |
| 115 | 61.4 | 49.1 | 73.7 |

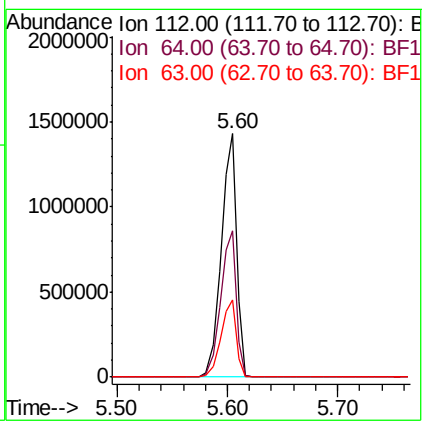


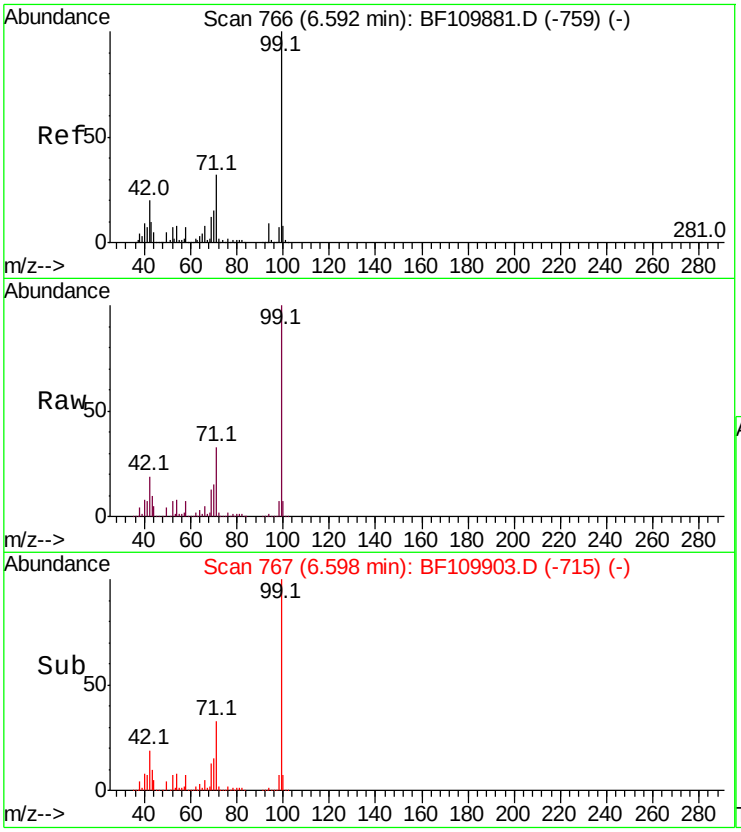




#5
2-Fluorophenol
Concen: 88.624 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:112 Resp: 1385727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.1 | 44.1 | 66.1 |
| 63 | 31.7 | 23.7 | 35.5 |



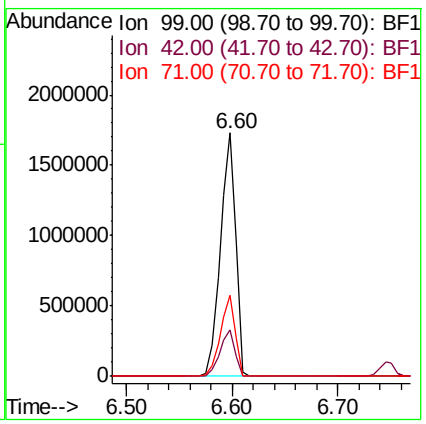


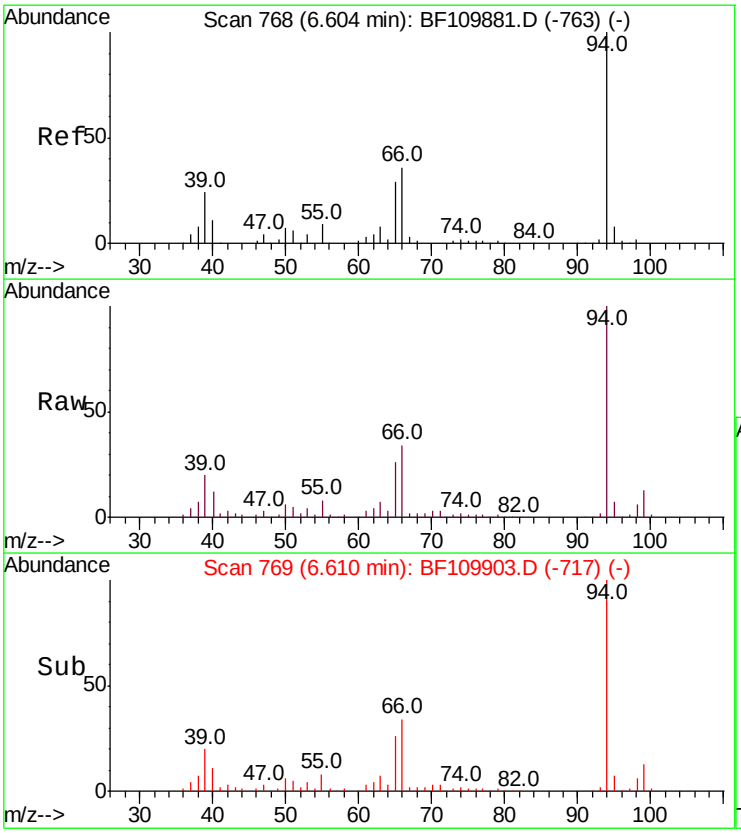

#7
Phenol-d6
Concen: 89.853 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion: 99 Resp: 1744563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.3 | 15.8 | 23.6 |
| 71 | 33.1 | 28.0 | 42.0 |

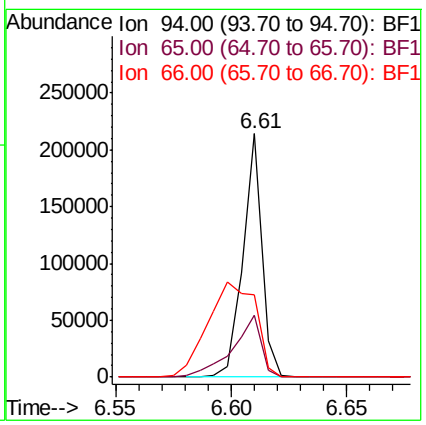


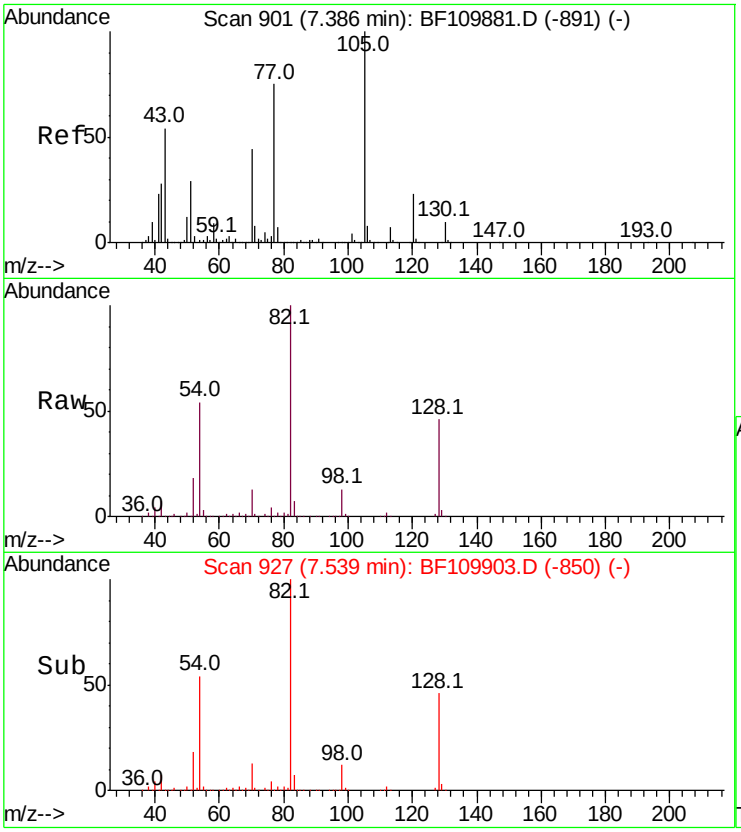




#10
Phenol
Concen: 5.910 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion: 94 Resp: 123885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.7 | 25.3 | 65.3 |
| 66 | 33.9 | 54.5 | 94.5# |



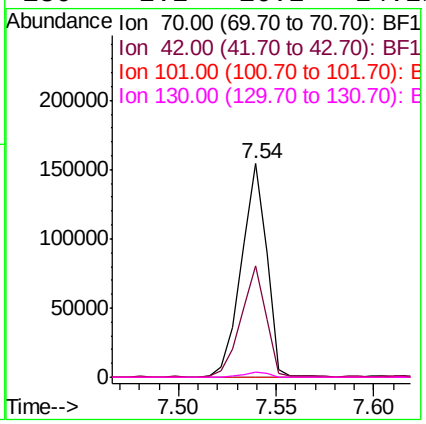


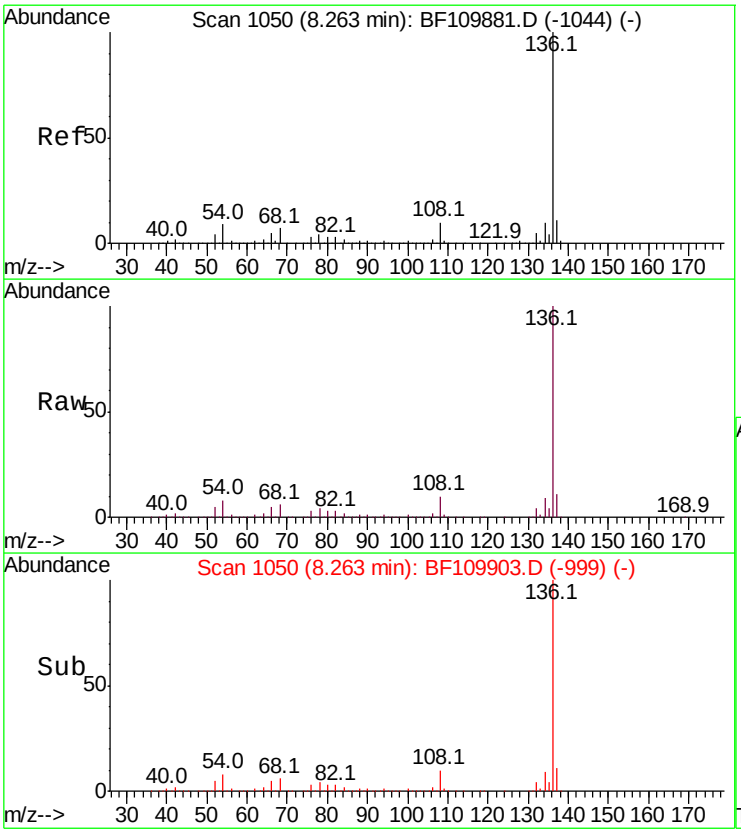

#19
n-Nitroso-di-n-propylamine
Concen: 11.089 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion: 70 Resp: 138235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.3 | 47.4 | 71.2 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 2.2 | 16.2 | 24.2# |

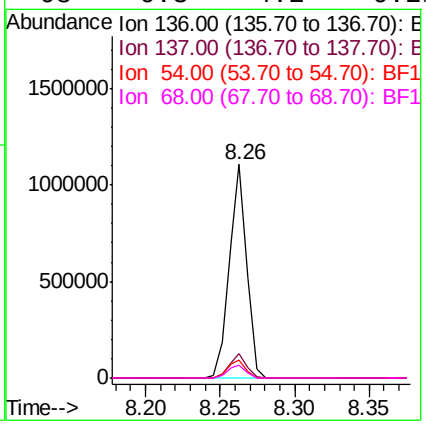


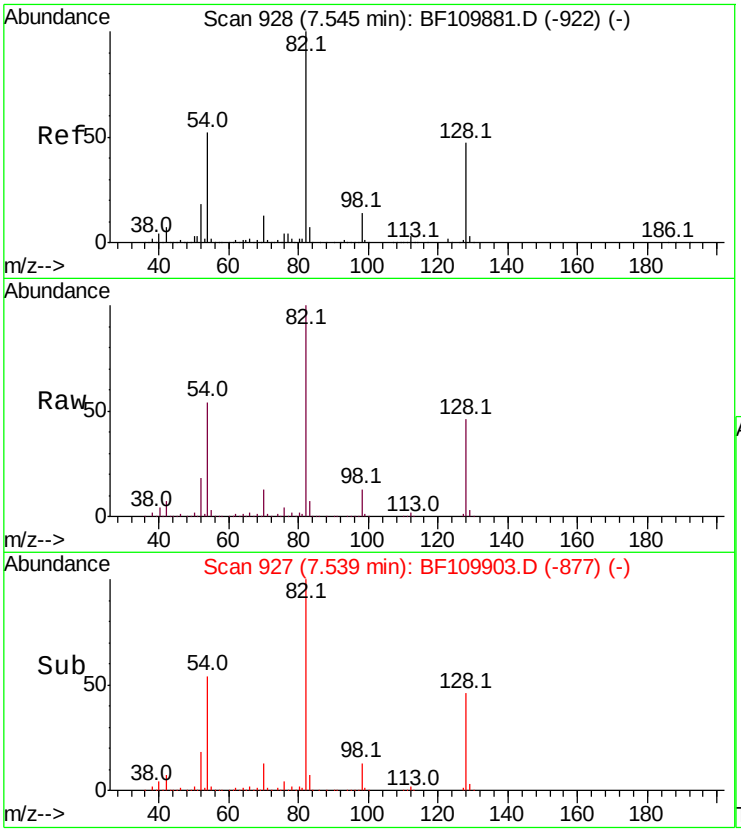




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:136 Resp: 916059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 8.4 | 5.4 | 8.2# |
| 68 | 6.3 | 4.2 | 6.2# |



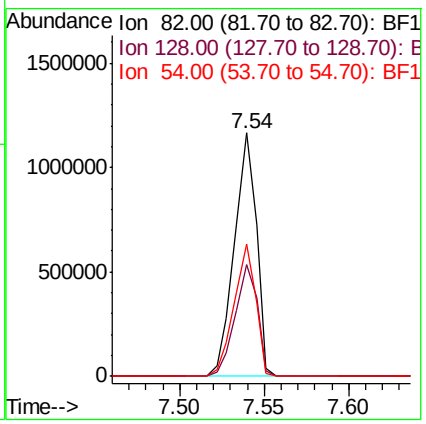


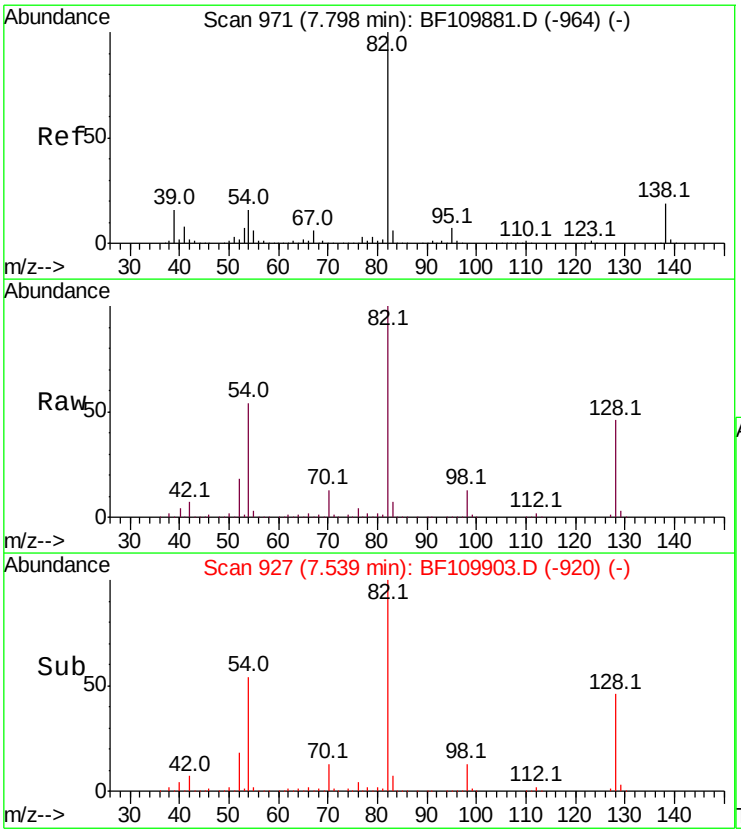

#23
Nitrobenzene-d5
Concen: 77.847 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion: 82 Resp: 1058614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.1 | 34.2 | 51.2 |
| 54 | 54.5 | 38.6 | 58.0 |

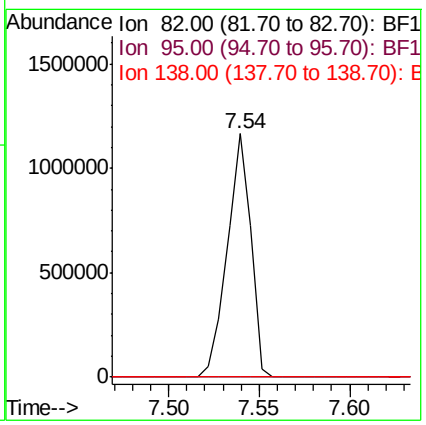


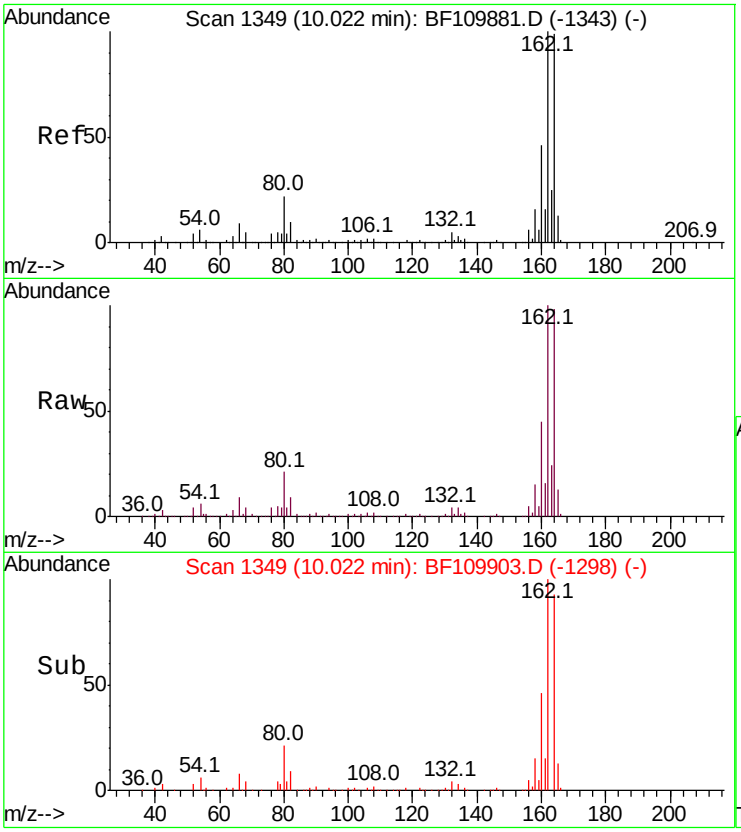




#25
Isophorone
Concen: 39.618 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion: 82 Resp: 1058600

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



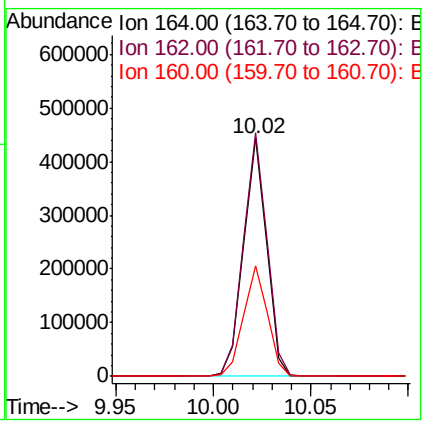


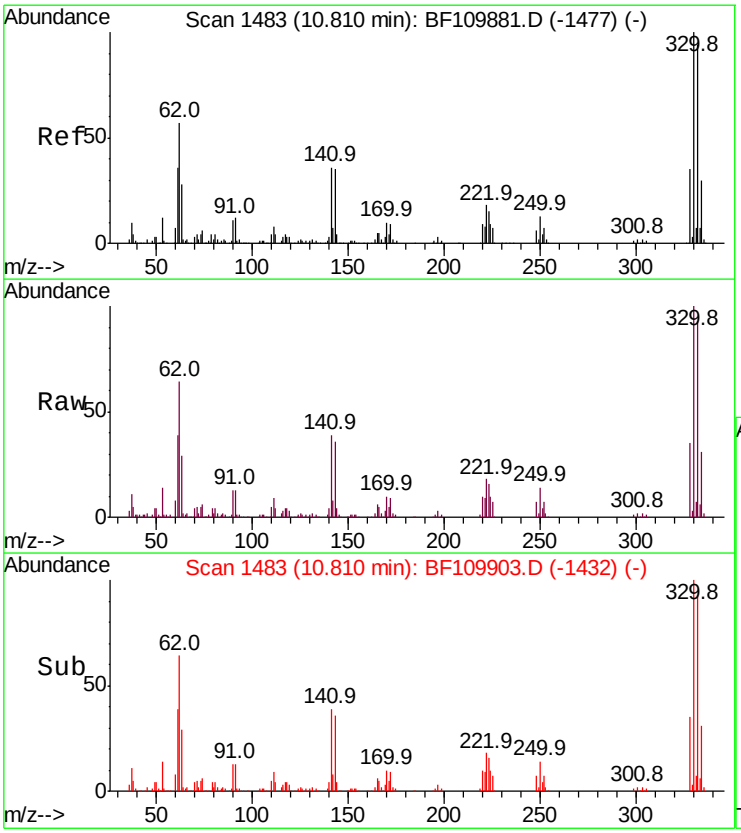

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:164 Resp: 366172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 83.0 | 124.6 |
| 160 | 46.5 | 37.0 | 55.6 |

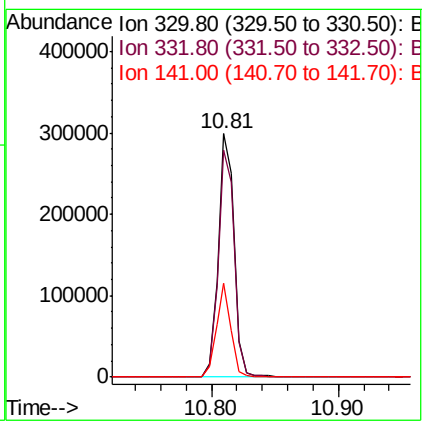


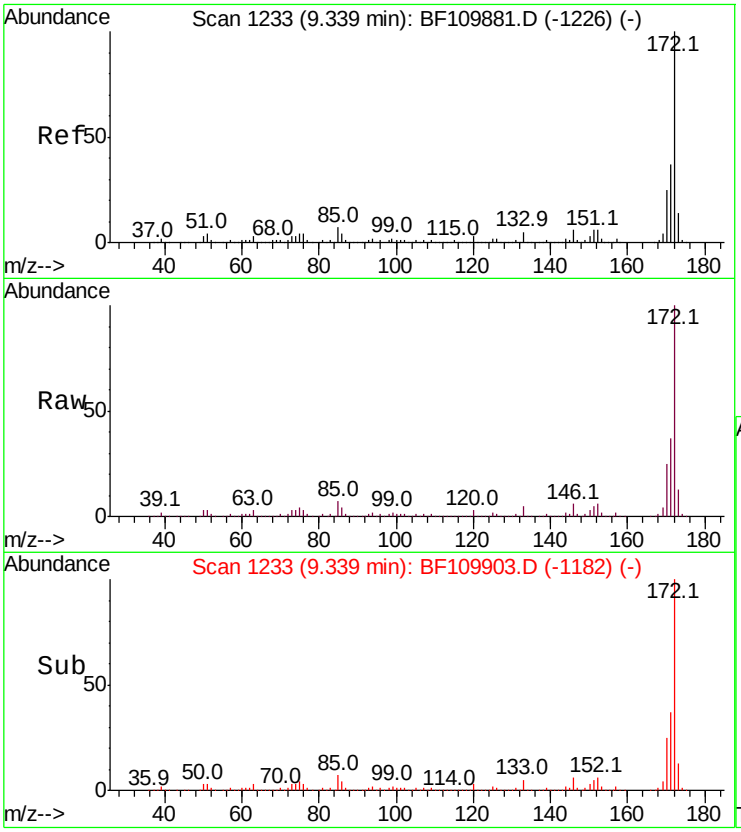




#42
2,4,6-Tribromophenol
Concen: 82.602 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:330 Resp: 261866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 77.1 | 115.7 |
| 141 | 35.5 | 27.0 | 40.4 |



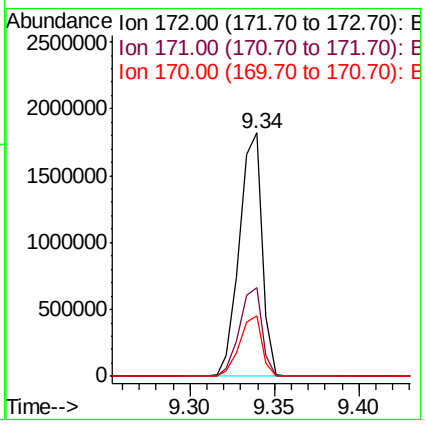


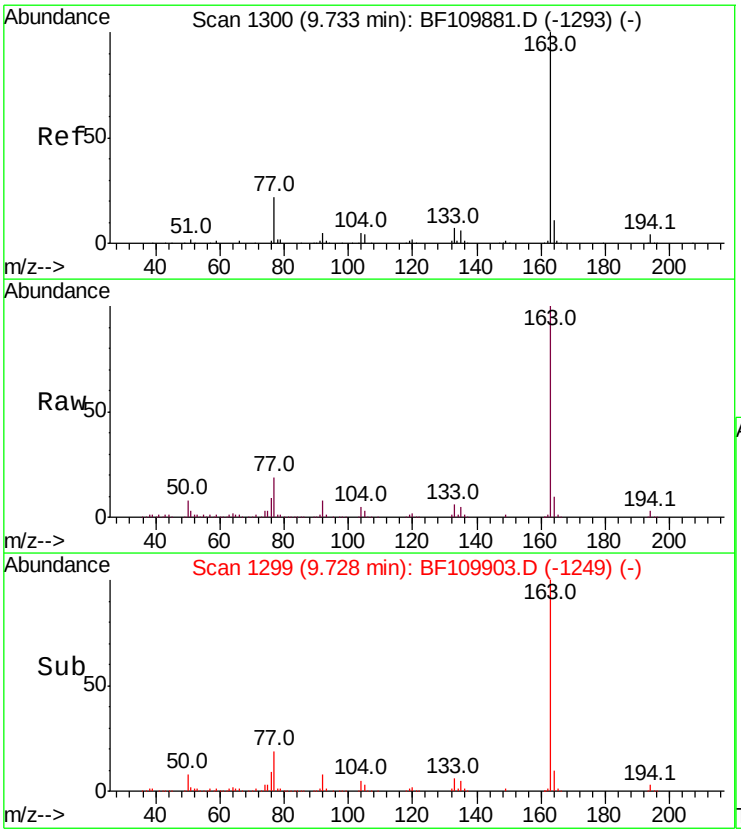

#45
2-Fluorobiphenyl
Concen: 74.804 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:172 Resp: 1716604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 28.6 | 43.0 |
| 170 | 24.7 | 19.7 | 29.5 |

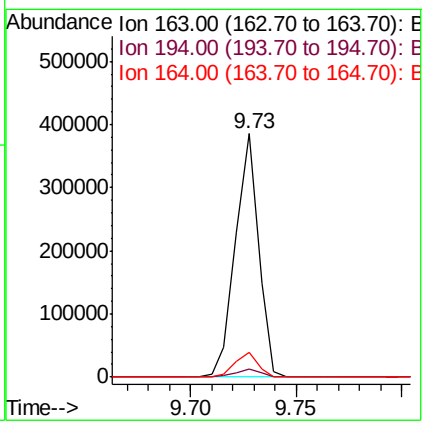


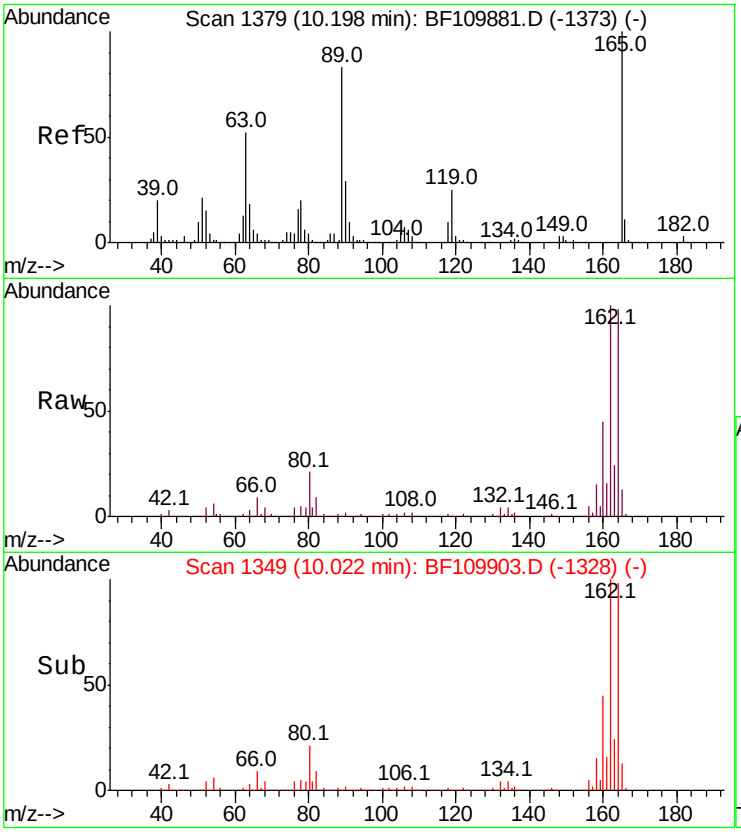




#50
Dimethylphthalate
Concen: 11.238 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:163 Resp: 291378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 3.2 | 4.8 |
| 164 | 10.1 | 8.1 | 12.1 |



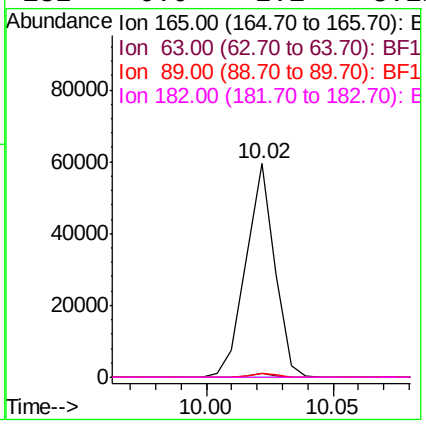


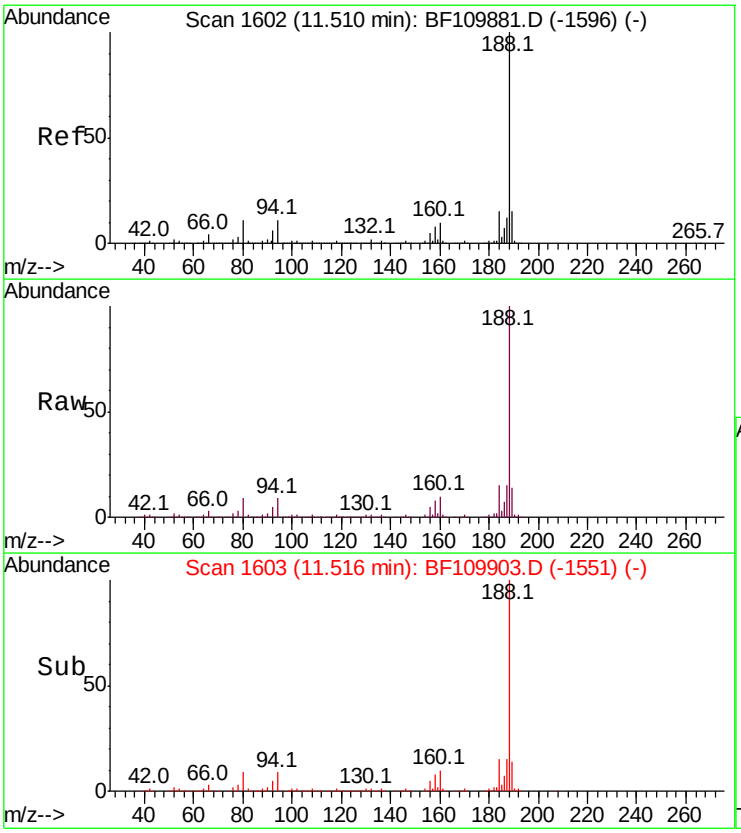

#57
2,4-Dinitrotoluene
Concen: 11.447 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.18 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:165 Resp: 47207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 44.8 | 67.2# |
| 89 | 1.7 | 62.2 | 93.4# |
| 182 | 0.0 | 2.1 | 3.1# |

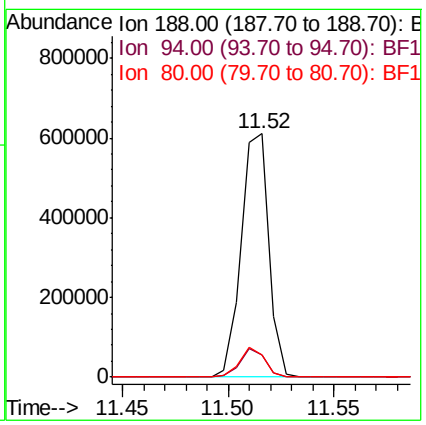


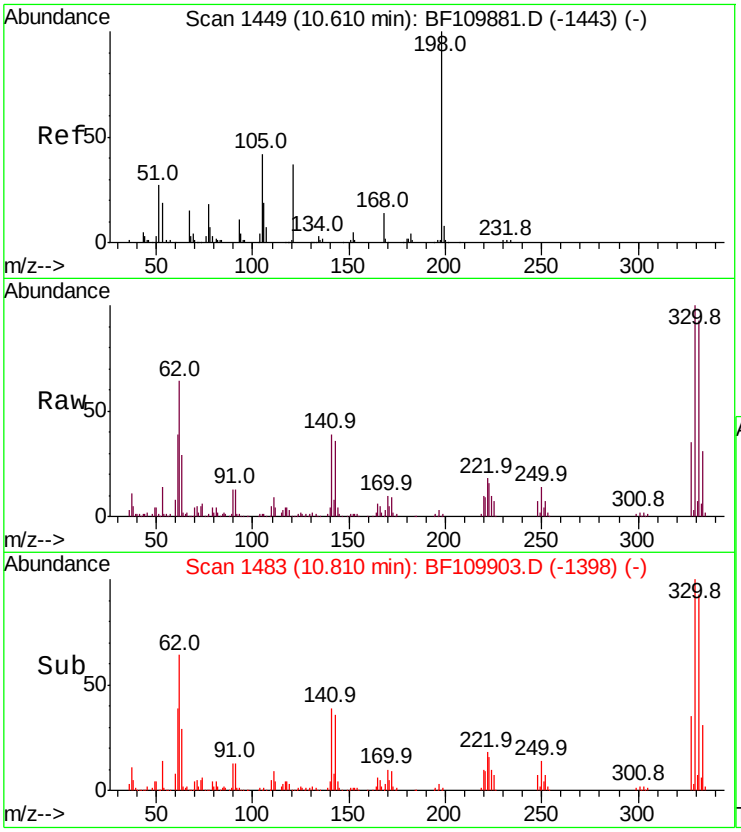




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:188 Resp: 553549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.2 | 10.8 |
| 80 | 8.9 | 7.9 | 11.9 |



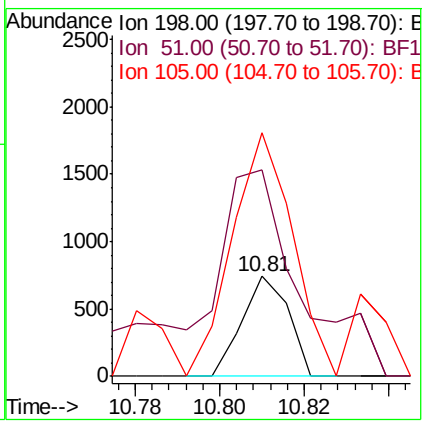


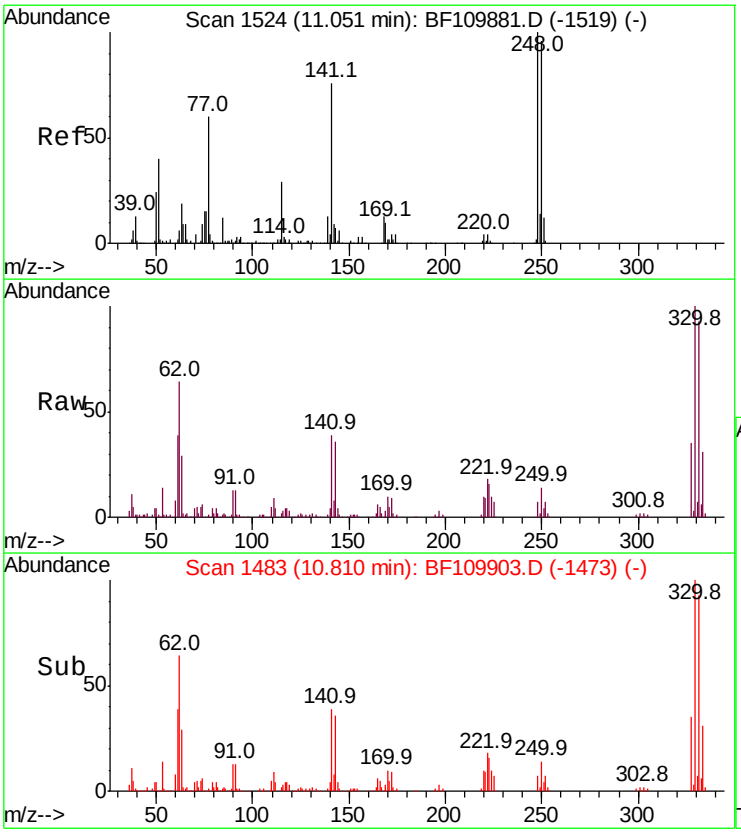

#65
4,6-Dinitro-2-methylphenol
Concen: 8.141 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.20 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:198 Resp: 567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 205.8 | 22.8 | 62.8# |
| 105 | 243.2 | 23.6 | 63.6# |

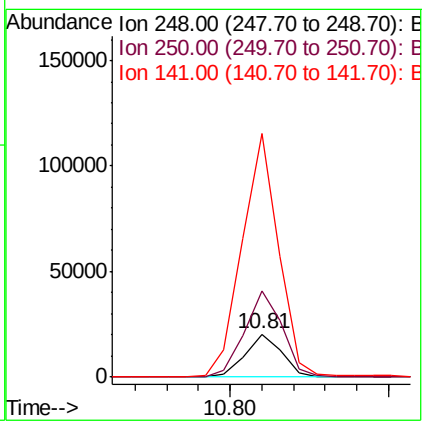


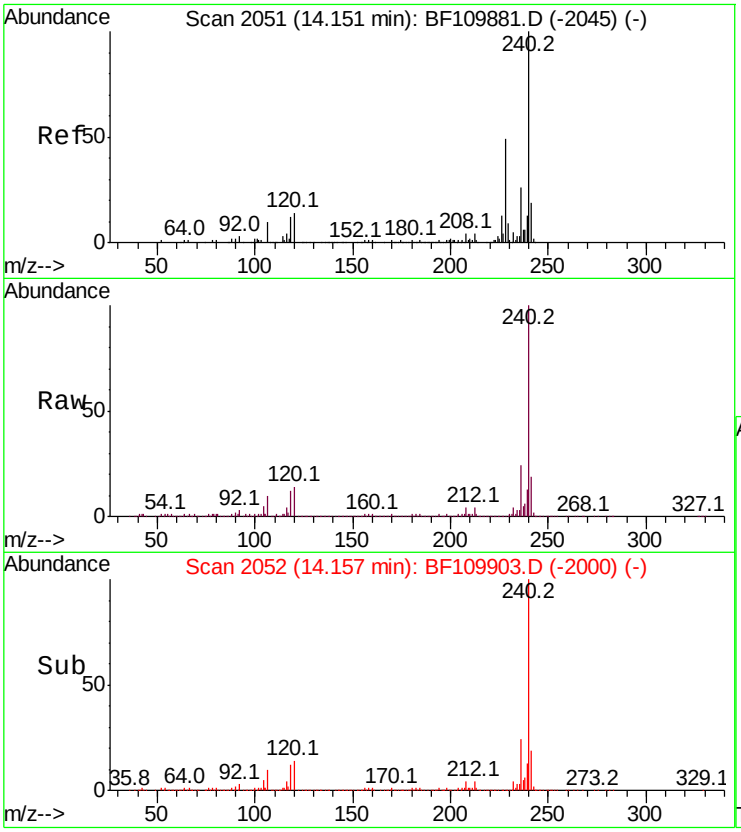




#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:248 Resp: 16415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 200.5 | 79.4 | 119.2# |
| 141 | 566.2 | 55.9 | 83.9# |



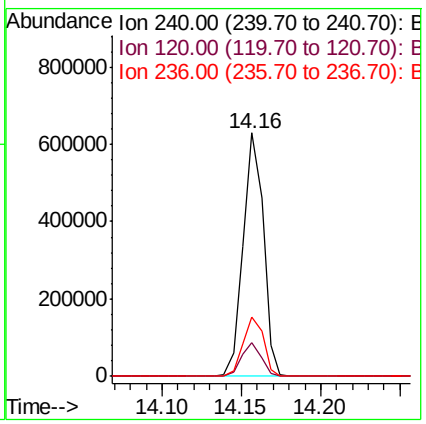


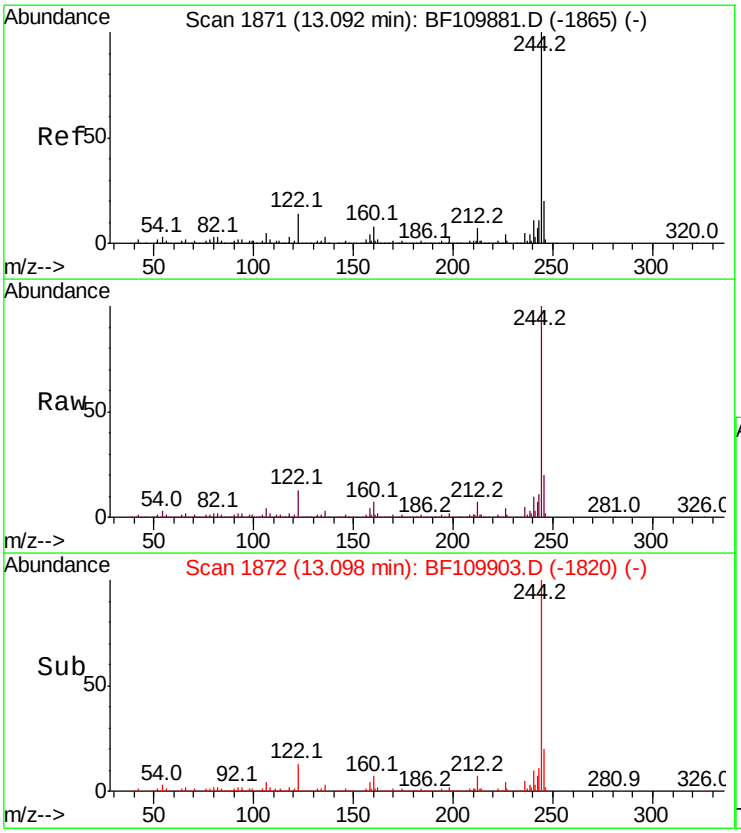

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:240 Resp: 557470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.0 | 8.3 | 12.5# |
| 236 | 24.4 | 21.2 | 31.8 |

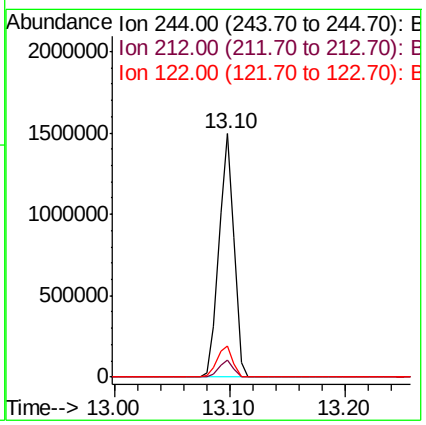


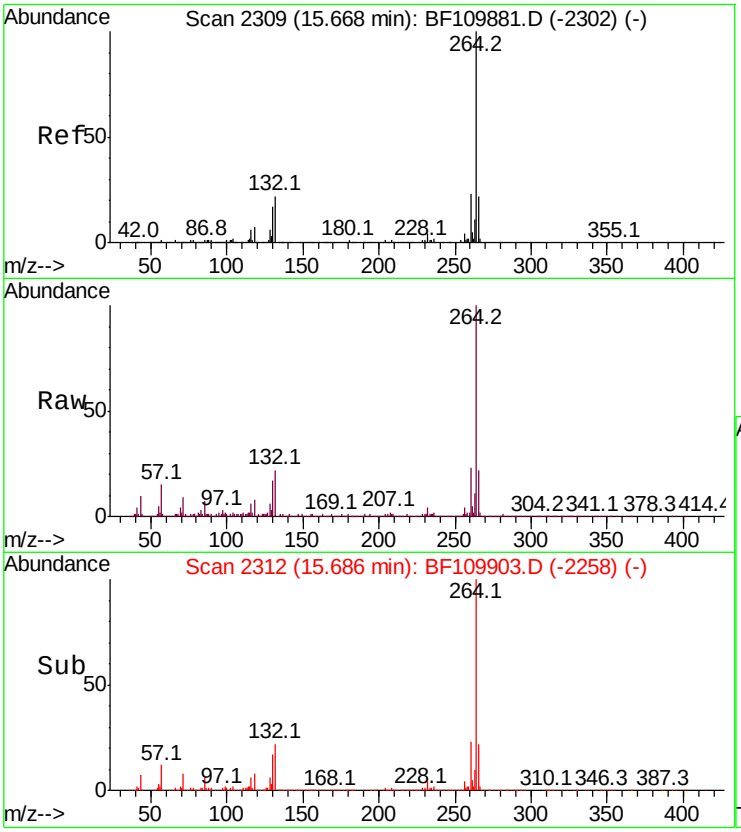




#79
Terphenyl-d14
Concen: 50.600 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:244 Resp: 1343280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.8 | 8.8 |
| 122 | 12.6 | 8.7 | 13.1 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.02 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

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

Tgt Ion:264 Resp: 578168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.7 | 28.1 |
| 265 | 22.0 | 16.7 | 25.1 |