Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111050.D
Acq On : 28 Nov 2018 17:24
Operator : JU/SJ
Sample : J6087-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CS-CONCRETE

Quant Time: Nov 29 02:47:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.93 | 152 | 61759 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.22 | 136 | 255879 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.97 | 164 | 119304 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.47 | 188 | 199332 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.13 | 240 | 117633 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.67 | 264 | 119291 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 464471 | 124.72 | ng | 0.01 |
| 7) Phenol-d6 | 6.57 | 99 | 649114 | 133.75 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.50 | 82 | 436844 | 97.71 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.77 | 330 | 134303 | 113.35 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.29 | 172 | 805075 | 97.76 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.06 | 244 | 602418 | 99.69 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.57 | 94 | 18857 | 3.450 | ng | # 83 |
| 50) Dimethylphthalate | 9.69 | 163 | 37766 | 4.316 | ng | 100 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111050.D
Acq On : 28 Nov 2018 17:24
Operator : JU/SJ
Sample : J6087-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Quant Time: Nov 29 02:47:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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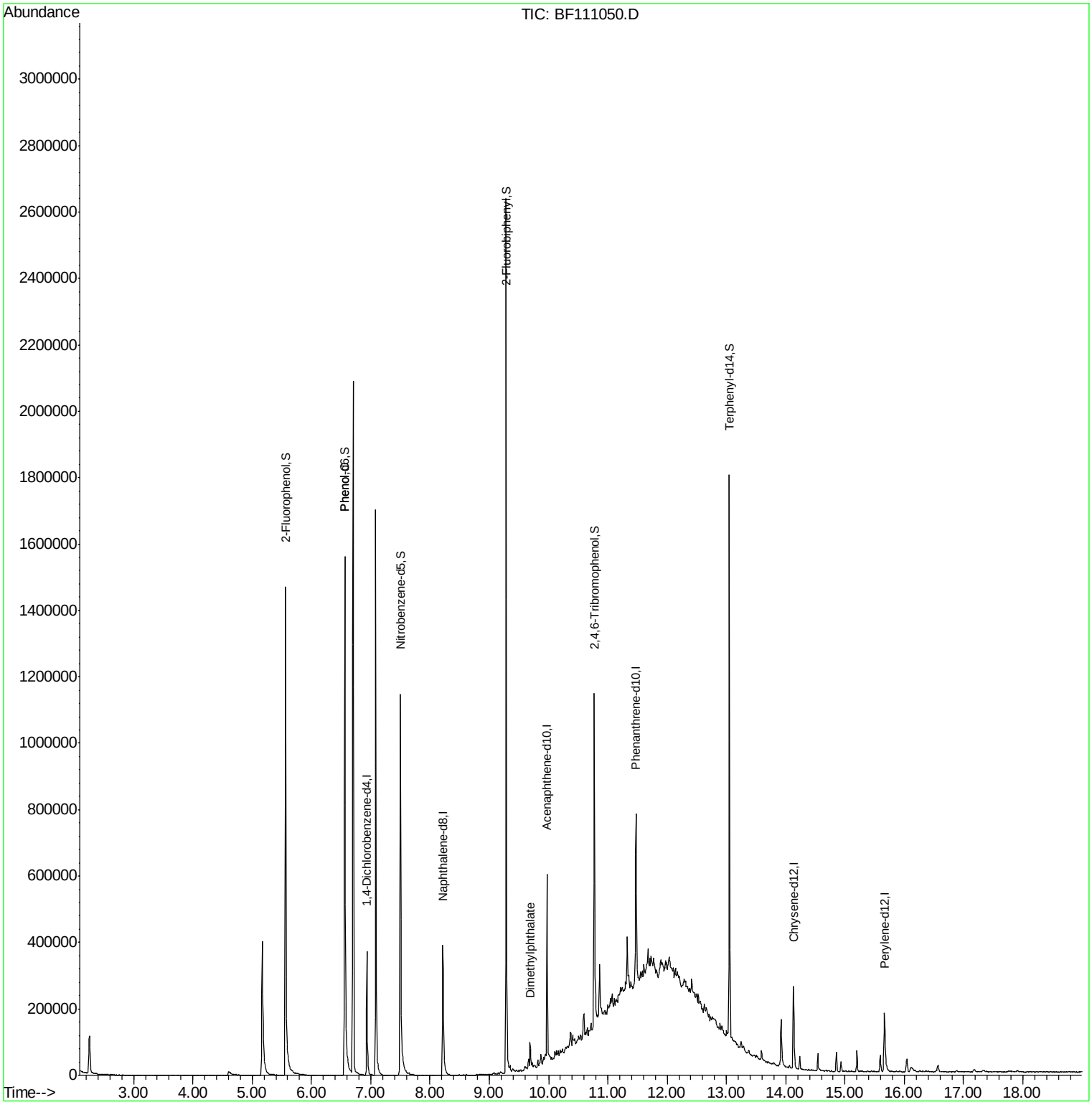
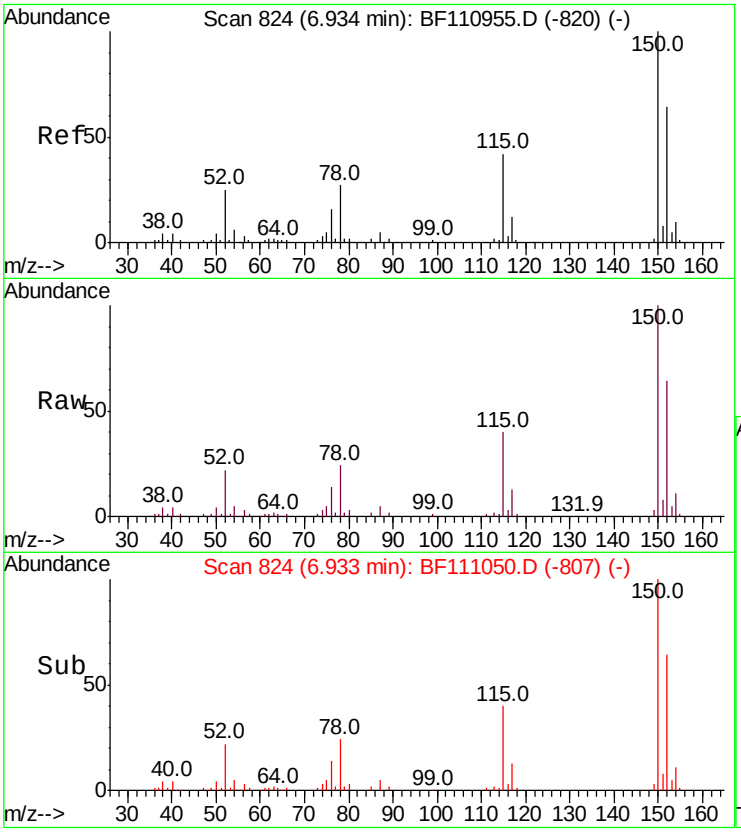


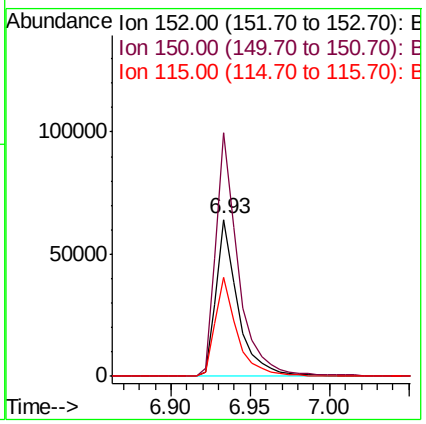


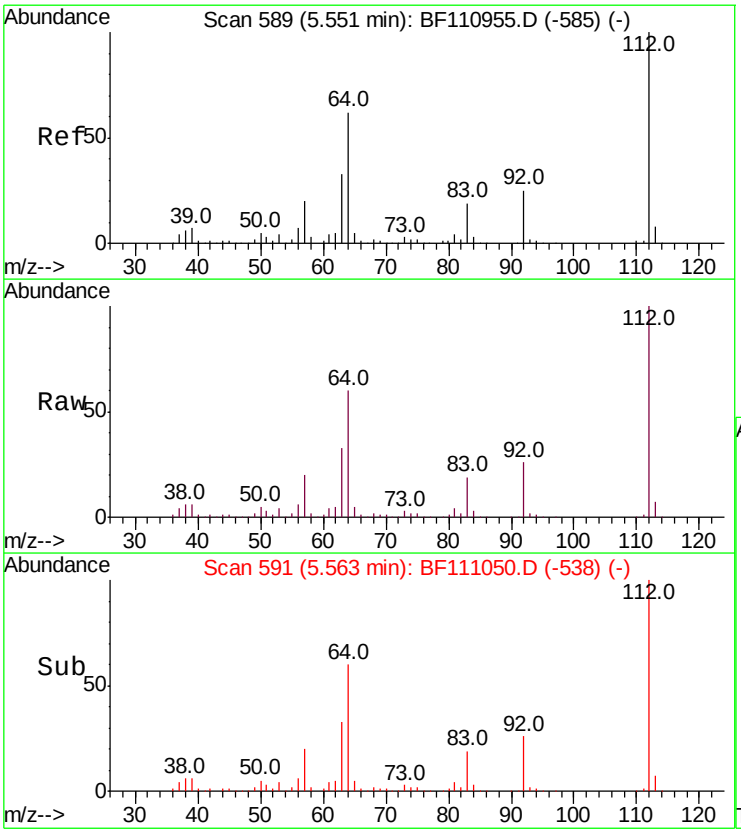

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion:152 Resp: 61759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.2 | 122.7 | 184.1 |
| 115 | 62.8 | 49.1 | 73.7 |

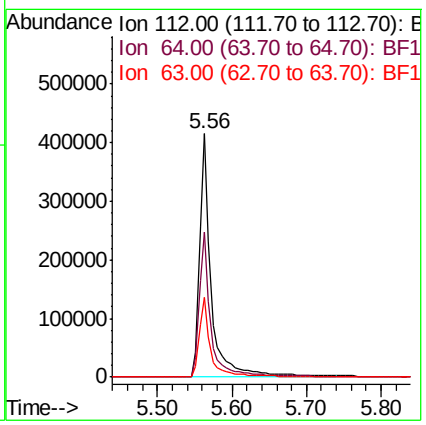


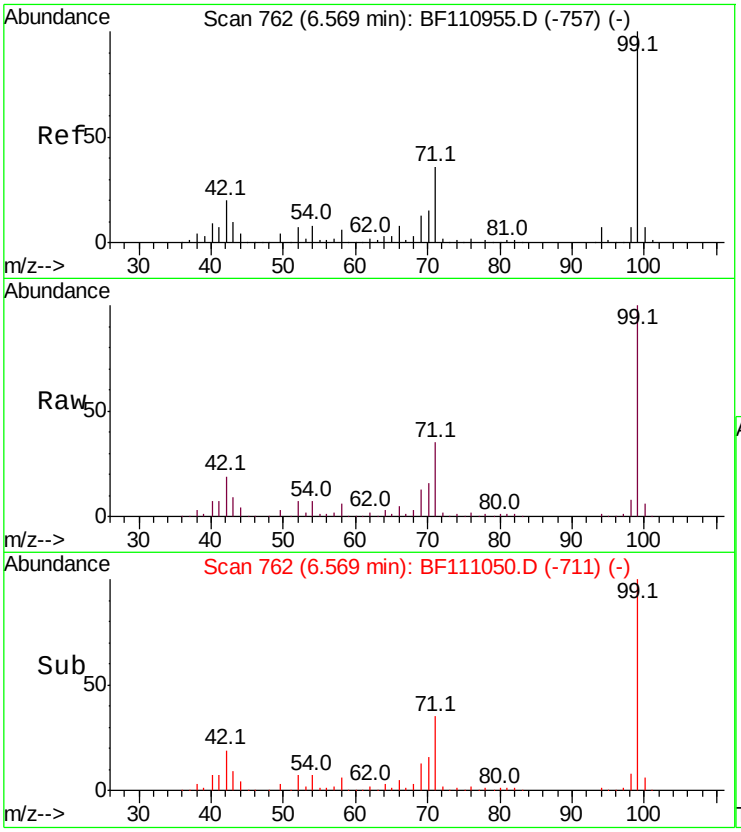




#5
2-Fluorophenol
Concen: 124.717 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:112 Resp: 464471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.8 | 44.1 | 66.1 |
| 63 | 32.5 | 23.7 | 35.5 |



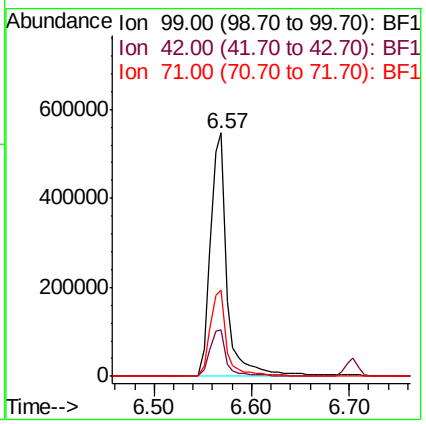


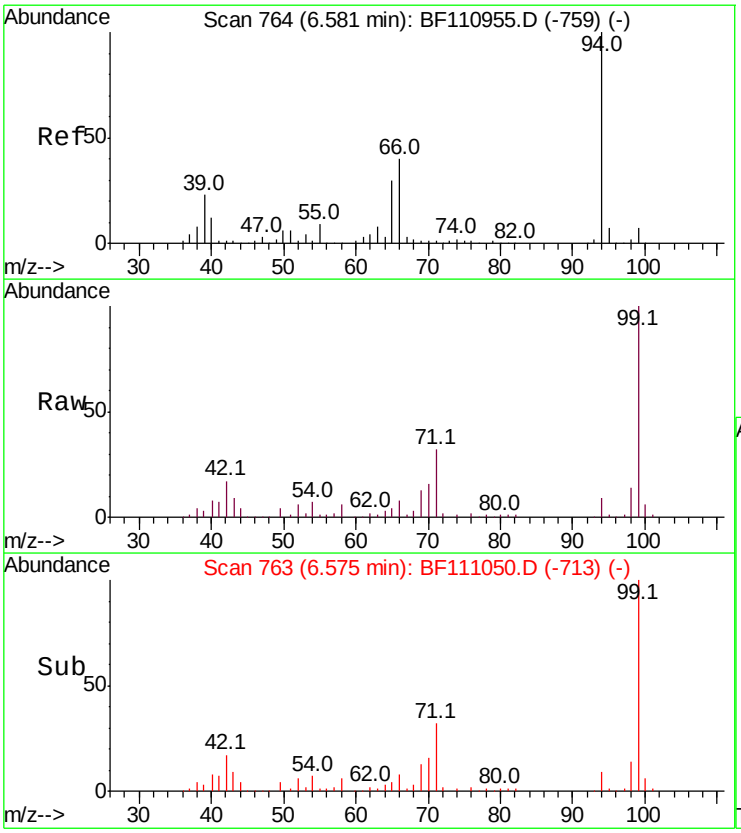

#7
Phenol-d6
Concen: 133.748 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion: 99 Resp: 649114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 15.8 | 23.6 |
| 71 | 35.2 | 28.0 | 42.0 |

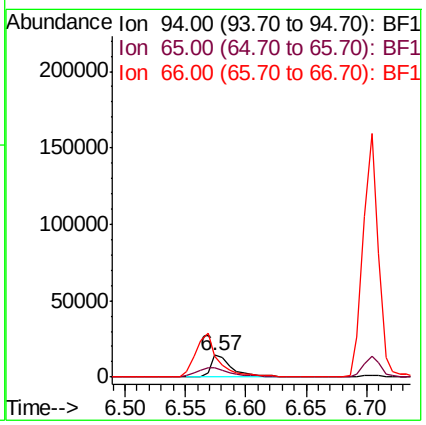


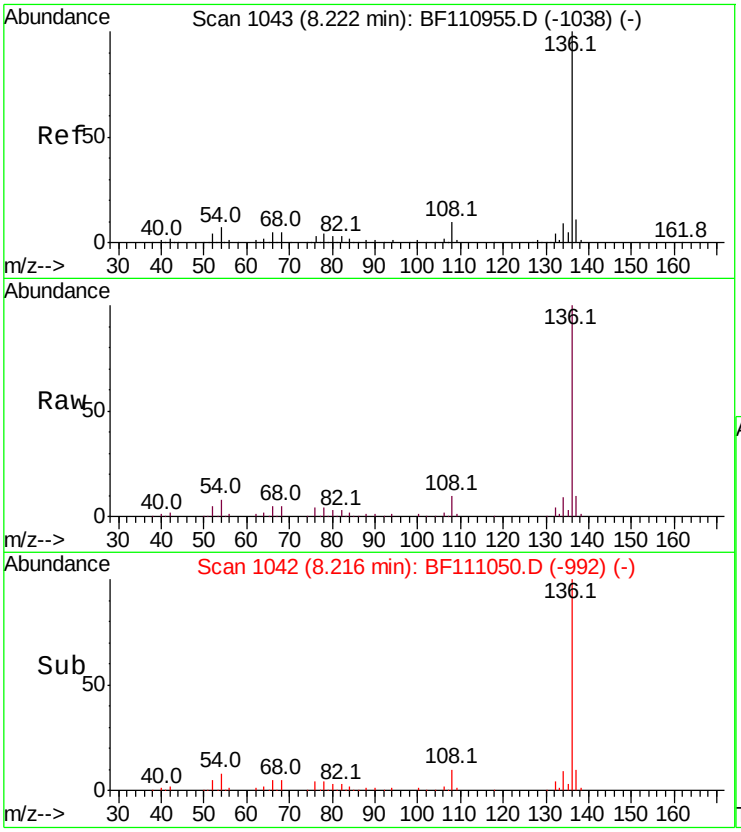




#10
Phenol
Concen: 3.450 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion: 94 Resp: 18857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 43.5 | 25.3 | 65.3 |
| 66 | 96.5 | 54.5 | 94.5# |



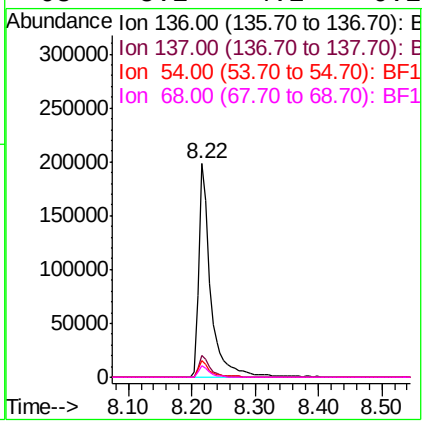


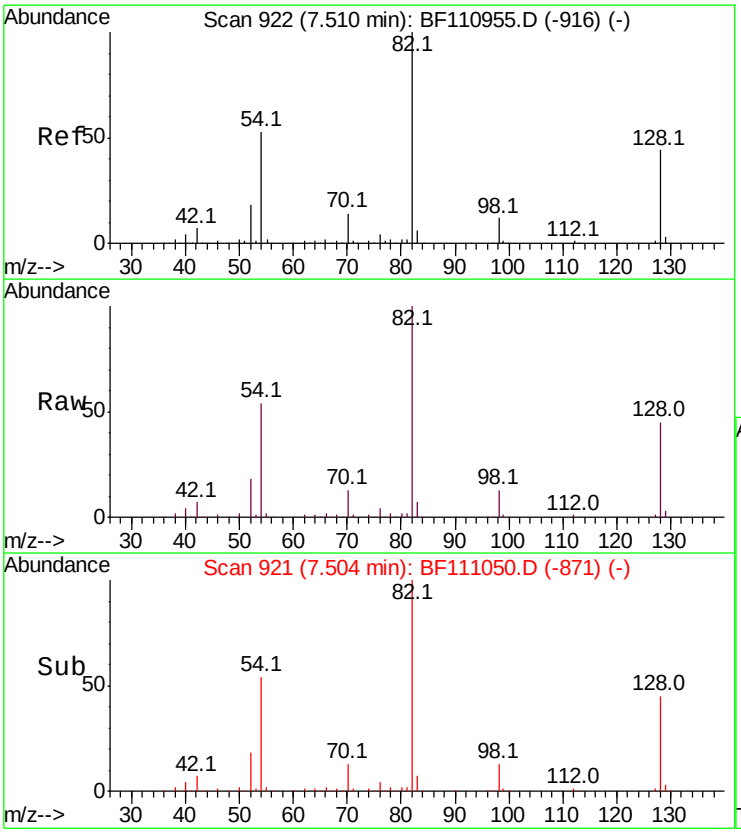

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion:136 Resp: 255879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.8 | 13.2 |
| 54 | 8.0 | 5.4 | 8.2 |
| 68 | 5.2 | 4.2 | 6.2 |

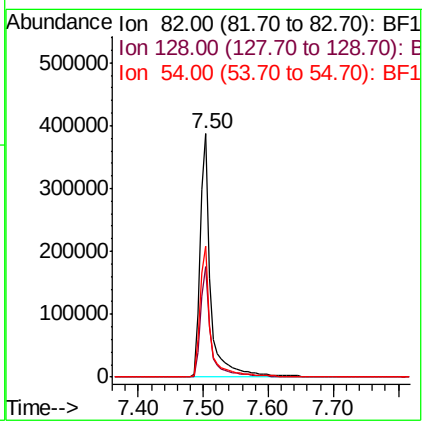


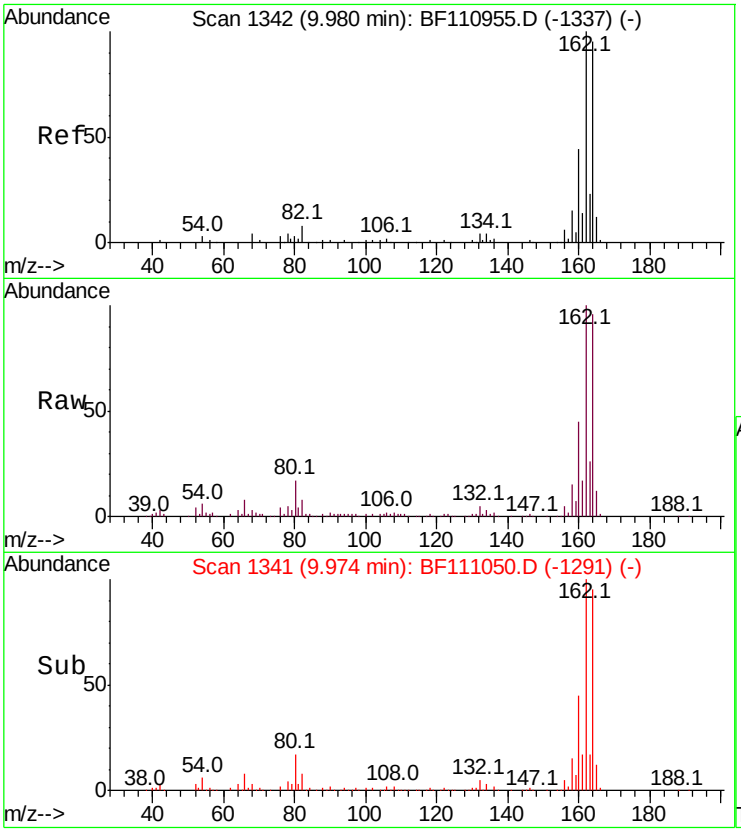




#23
Nitrobenzene-d5
Concen: 97.706 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion: 82 Resp: 436844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 34.2 | 51.2 |
| 54 | 53.6 | 38.6 | 58.0 |



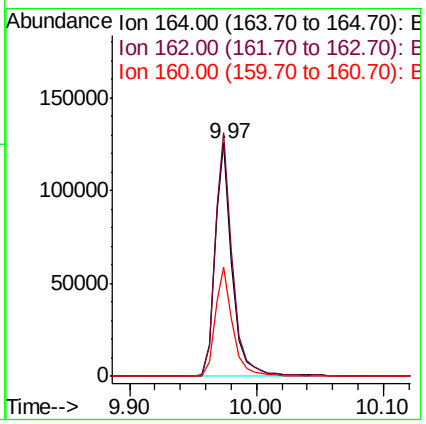


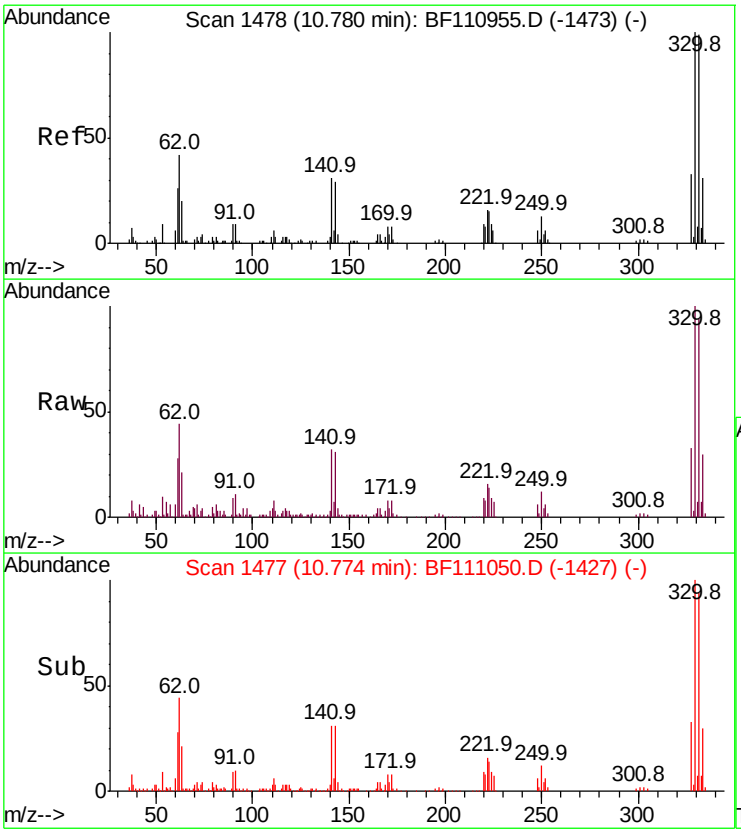

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion:164 Resp: 119304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.4 | 83.0 | 124.6 |
| 160 | 46.8 | 37.0 | 55.6 |

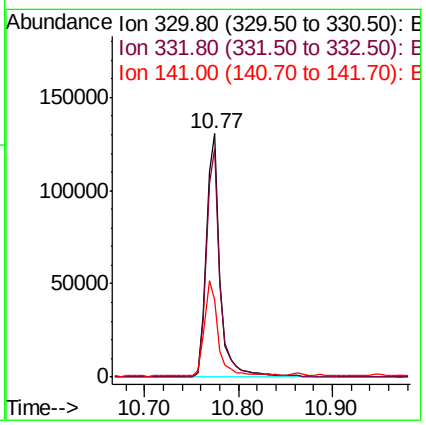


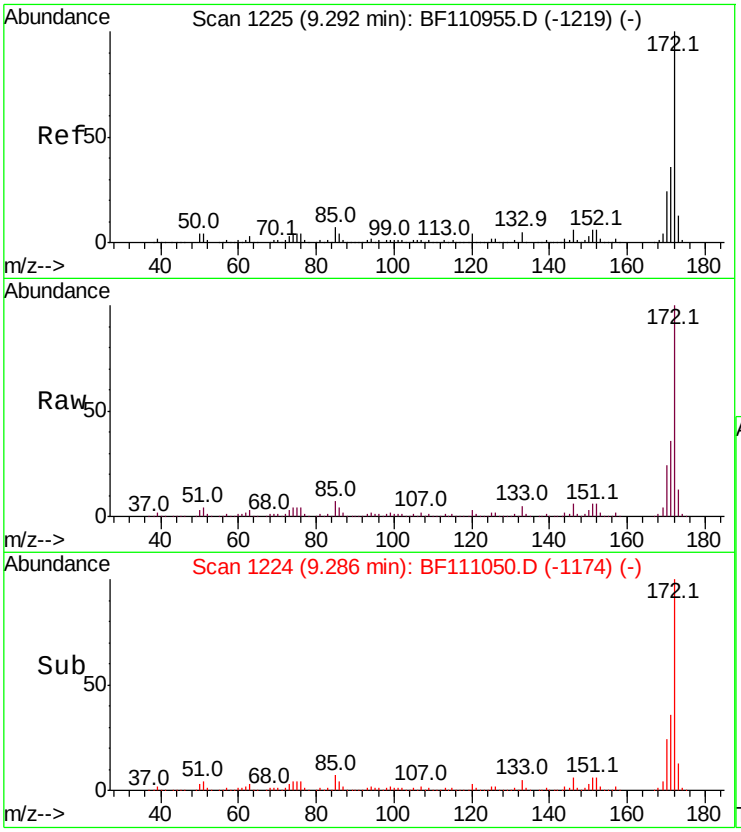




#42
2,4,6-Tribromophenol
Concen: 113.350 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:330 Resp: 134303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 77.1 | 115.7 |
| 141 | 39.3 | 27.0 | 40.4 |



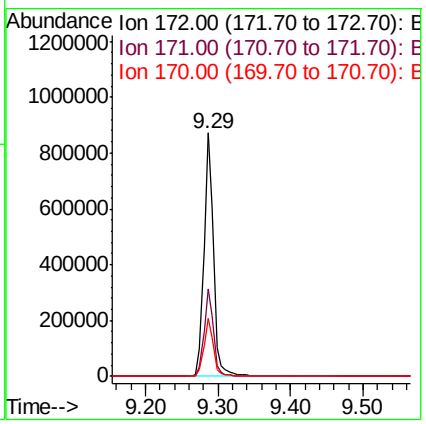


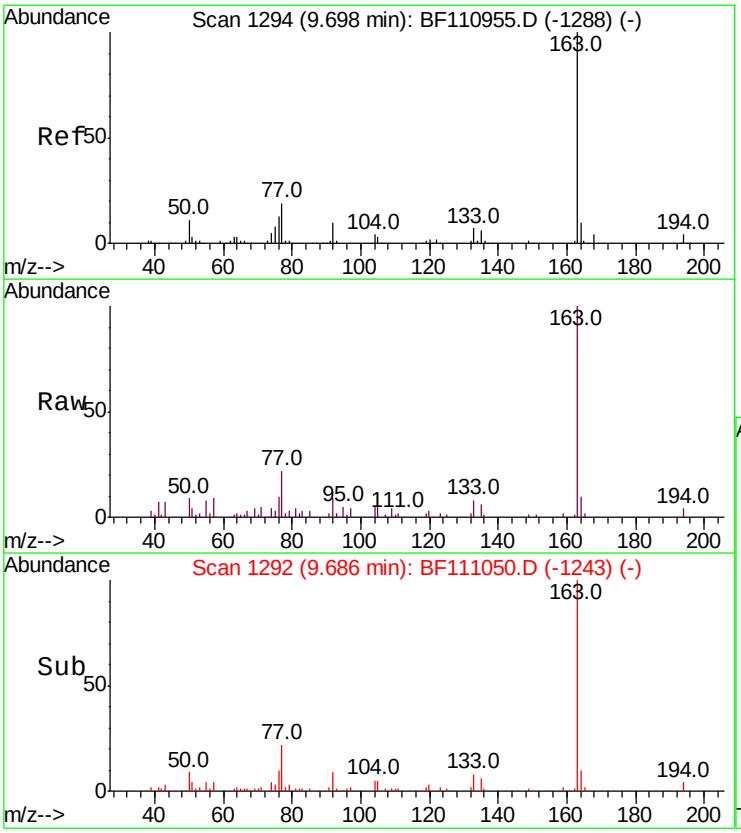

#45
2-Fluorobiphenyl
Concen: 97.765 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion:172 Resp: 805075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 28.6 | 43.0 |
| 170 | 23.8 | 19.7 | 29.5 |

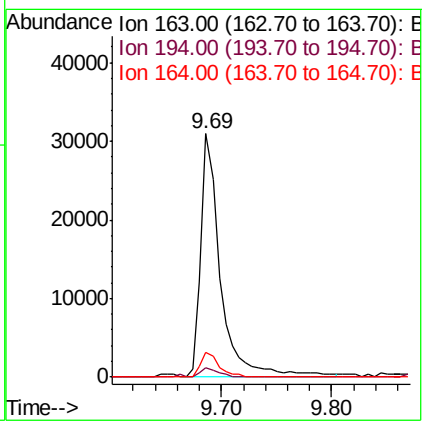


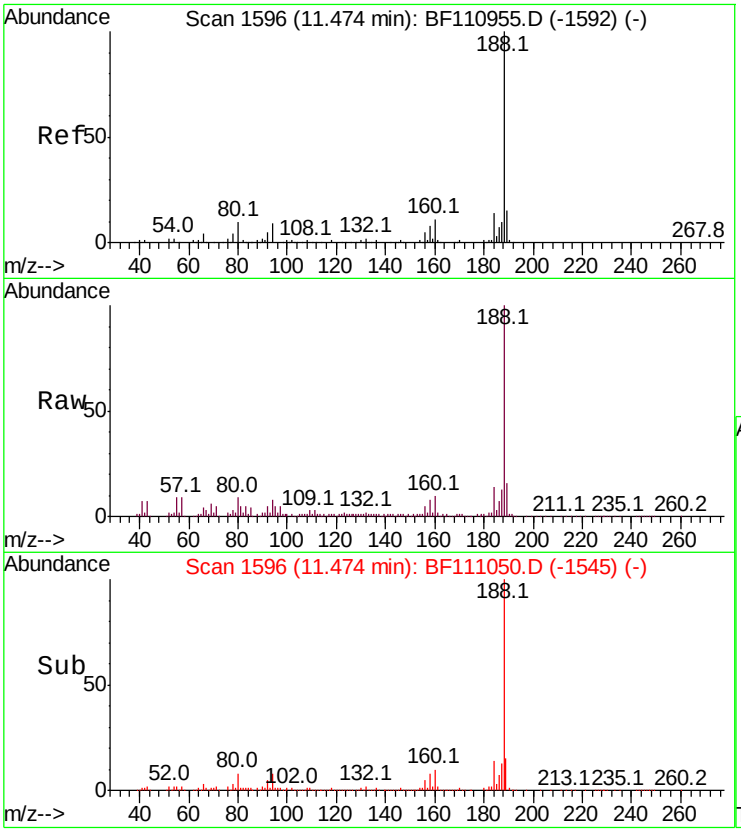




#50
Dimethylphthalate
Concen: 4.316 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:163 Resp: 37766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.2 | 4.8 |
| 164 | 10.1 | 8.1 | 12.1 |



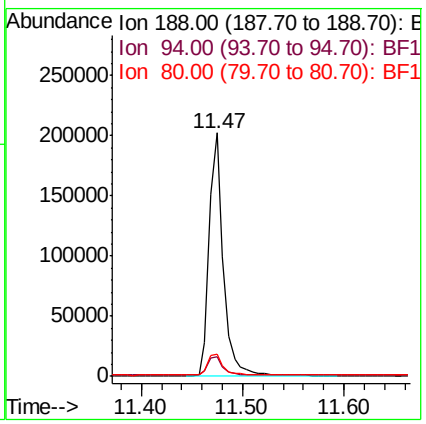


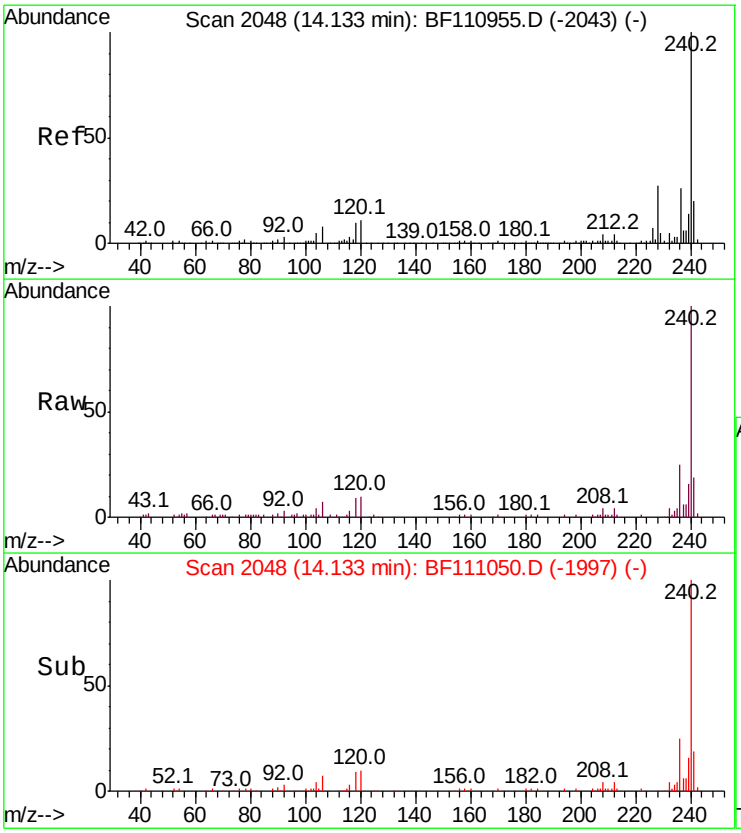

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion:188 Resp: 199332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 7.2 | 10.8 |
| 80 | 8.9 | 7.9 | 11.9 |

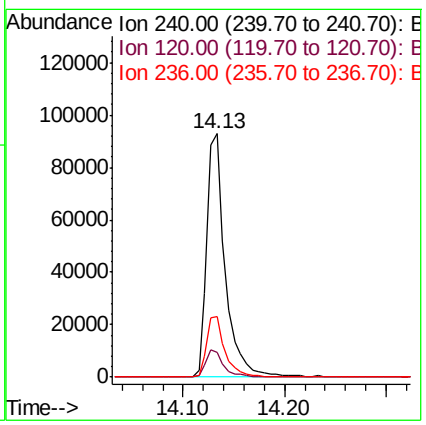


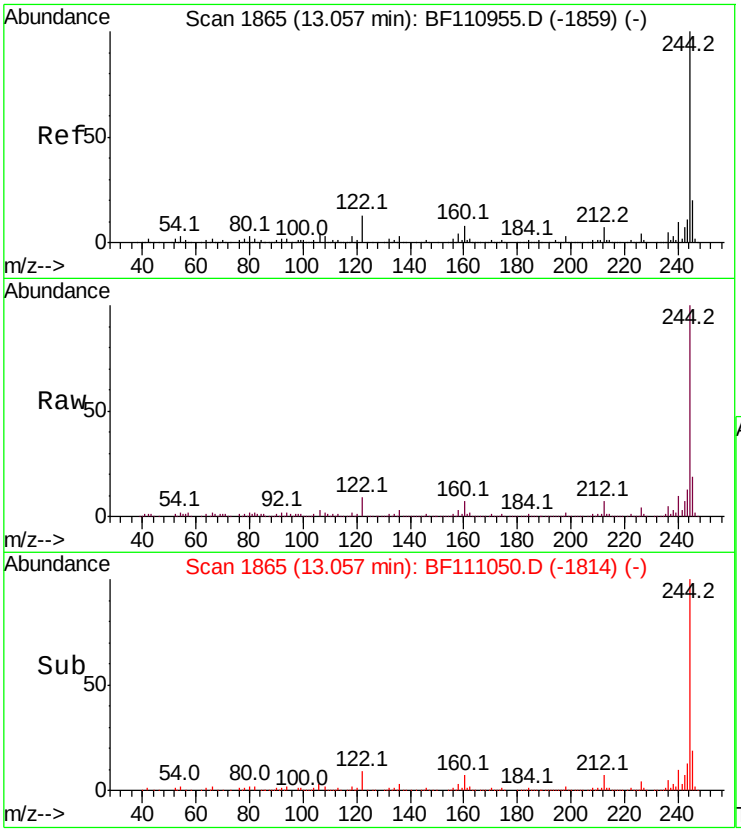




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:240 Resp: 117633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 8.3 | 12.5 |
| 236 | 25.0 | 21.2 | 31.8 |



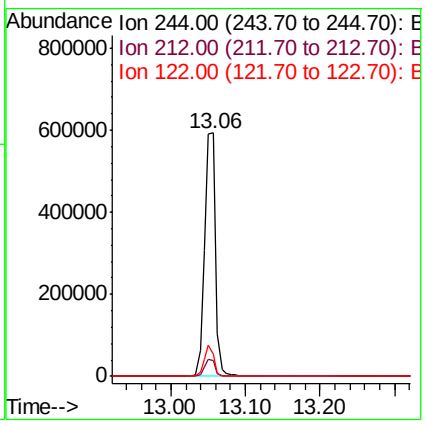


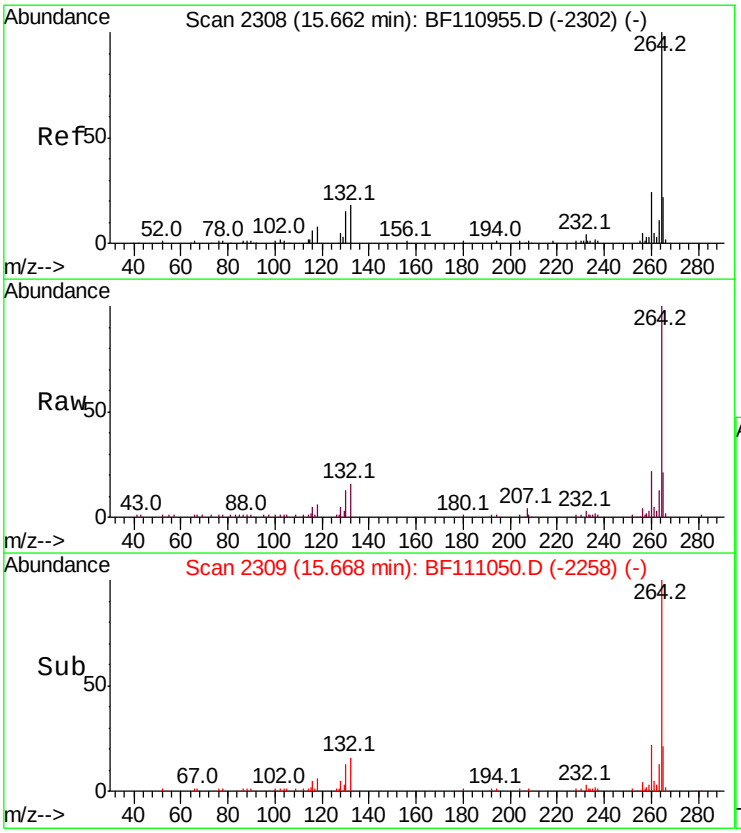

#79
Terphenyl-d14
Concen: 99.691 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

**Instrument :**
BNA_F
**ClientSampleId :**
CS-CONCRETE

Tgt Ion:244 Resp: 602418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.8 | 8.8 |
| 122 | 9.3 | 8.7 | 13.1 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:264 Resp: 119291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 18.7 | 28.1 |
| 265 | 20.6 | 16.7 | 25.1 |