Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108387.D
Acq On : 22 Aug 2018 17:06
Operator : JU/SJ
Sample : J4566-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NUTLEY-DRUM

Quant Time: Aug 23 04:30:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.00 | 152 | 174317 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.28 | 136 | 694395 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.05 | 164 | 352179 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.54 | 188 | 680490 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.19 | 240 | 409854 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.75 | 264 | 361882 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 65083 | 6.76 | ng | -0.02 |
| 7) Phenol-d6 | 6.61 | 99 | 56496 | 4.42 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.55 | 82 | 131033 | 10.53 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 57922 | 16.49 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.35 | 172 | 275569 | 12.56 | ng | -0.01 |
| 78) Terphenyl-d14 | 13.12 | 244 | 300084 | 18.62 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

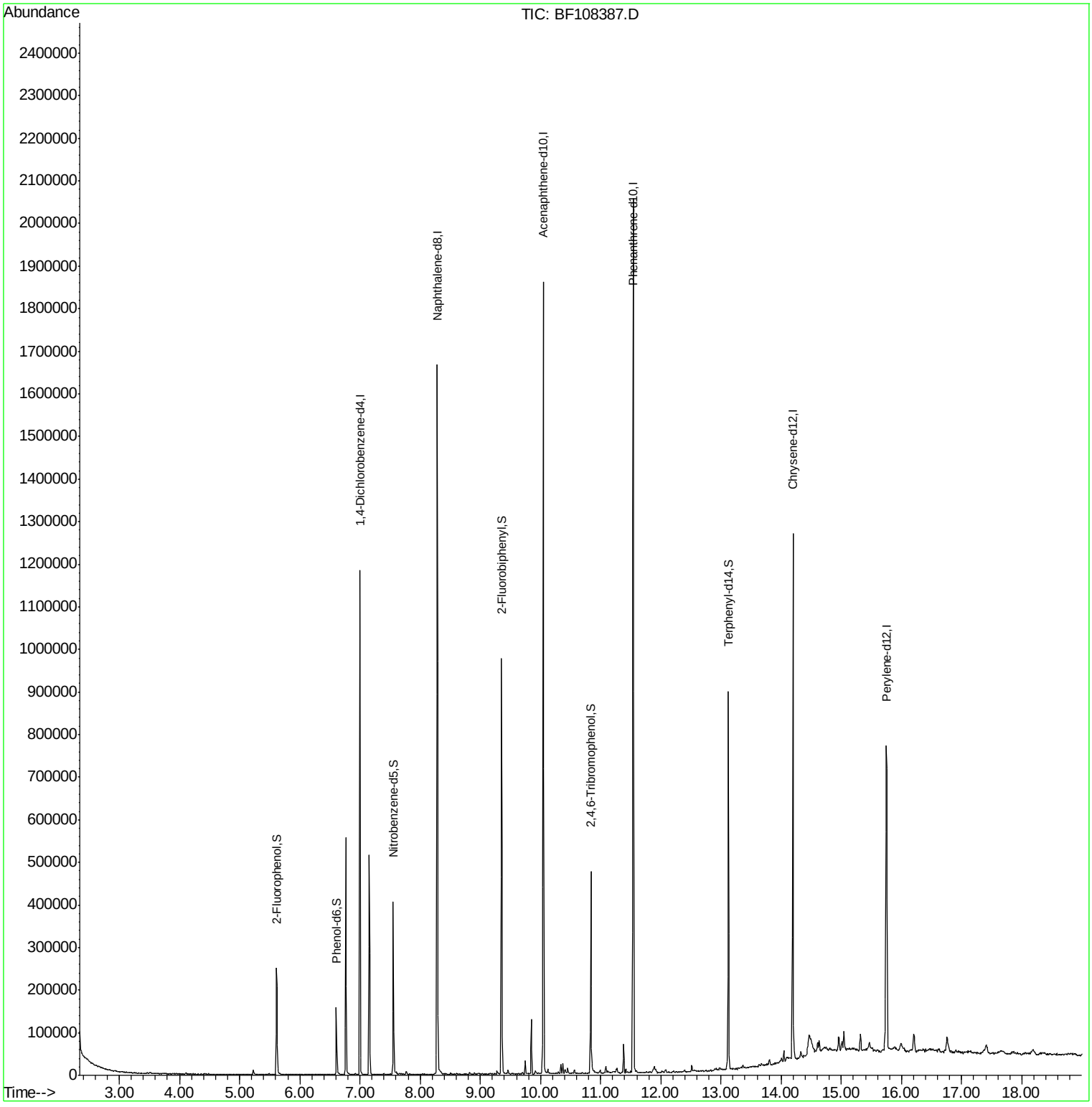
(#) = qualifier out of range (m) = manual integration (+) = signals summed

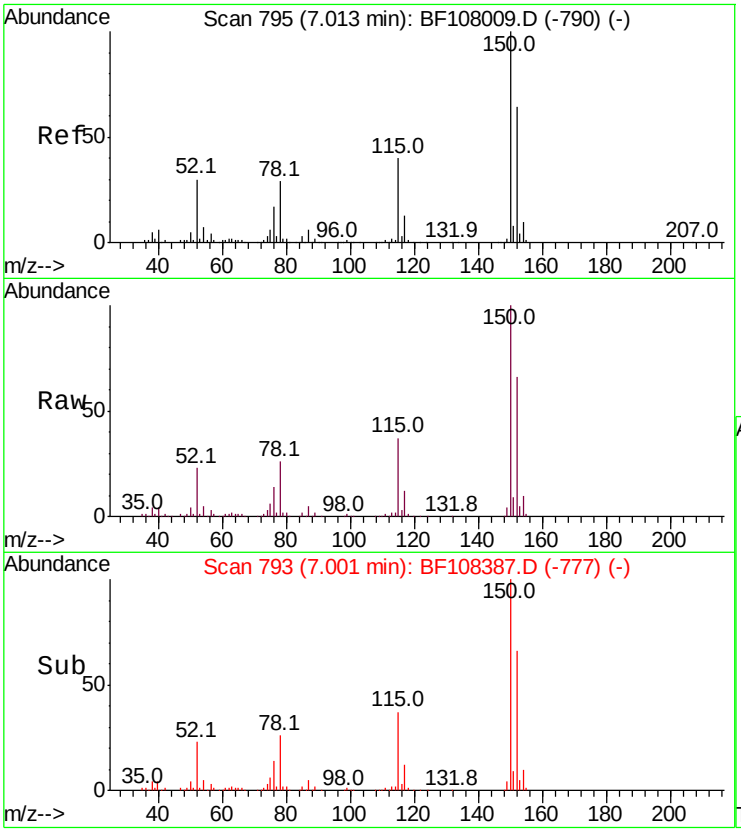
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108387.D
Acq On : 22 Aug 2018 17:06
Operator : JU/SJ
Sample : J4566-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Quant Time: Aug 23 04:30:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



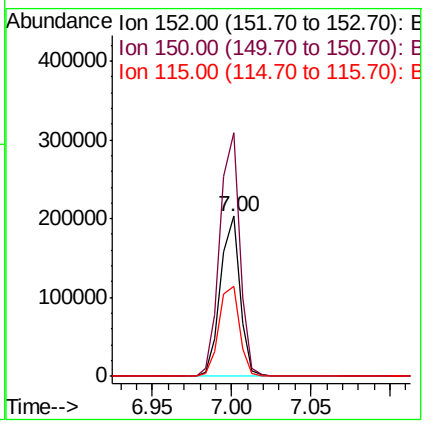


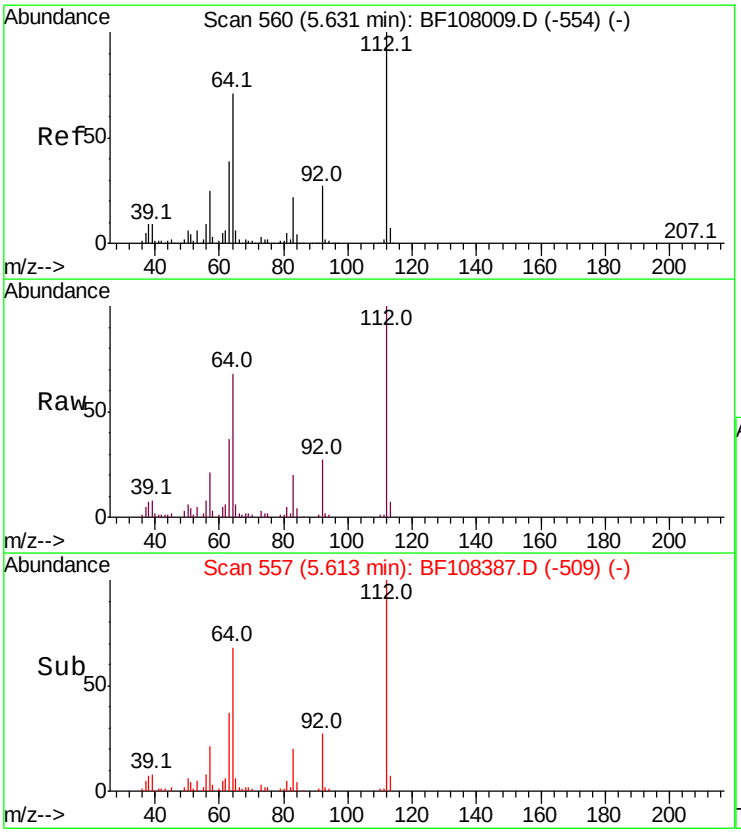

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Tgt Ion:152 Resp: 174317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.0 | 124.6 | 186.8 |
| 115 | 56.5 | 50.1 | 75.1 |

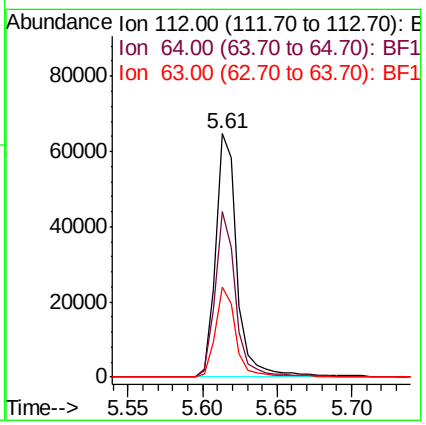


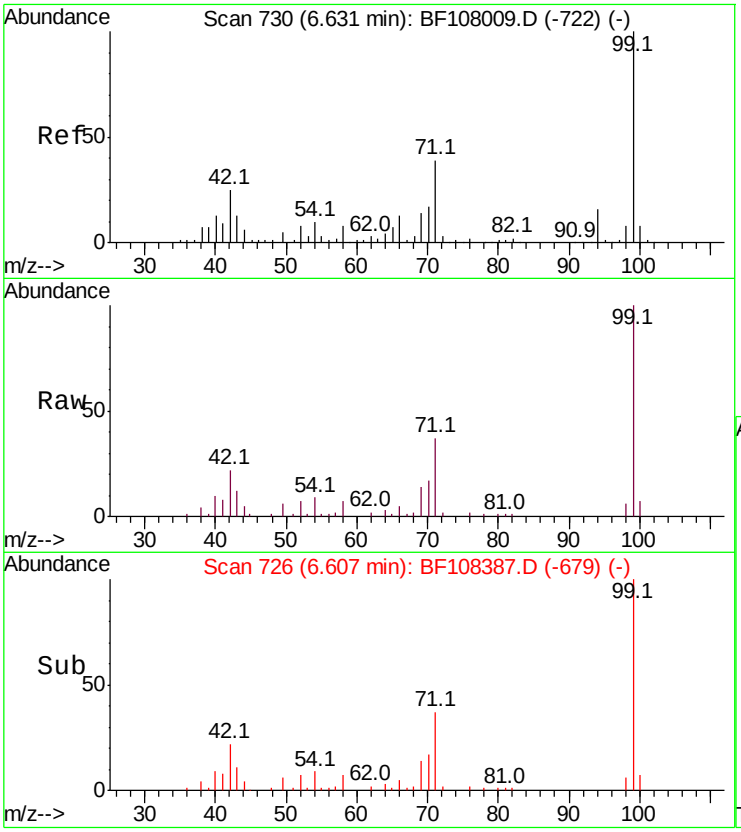




#5
2-Fluorophenol
Concen: 6.760 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion:112 Resp: 65083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.2 | 47.9 | 71.9 |
| 63 | 37.1 | 23.7 | 35.5# |



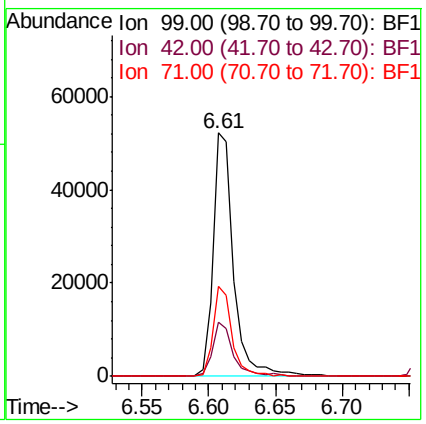


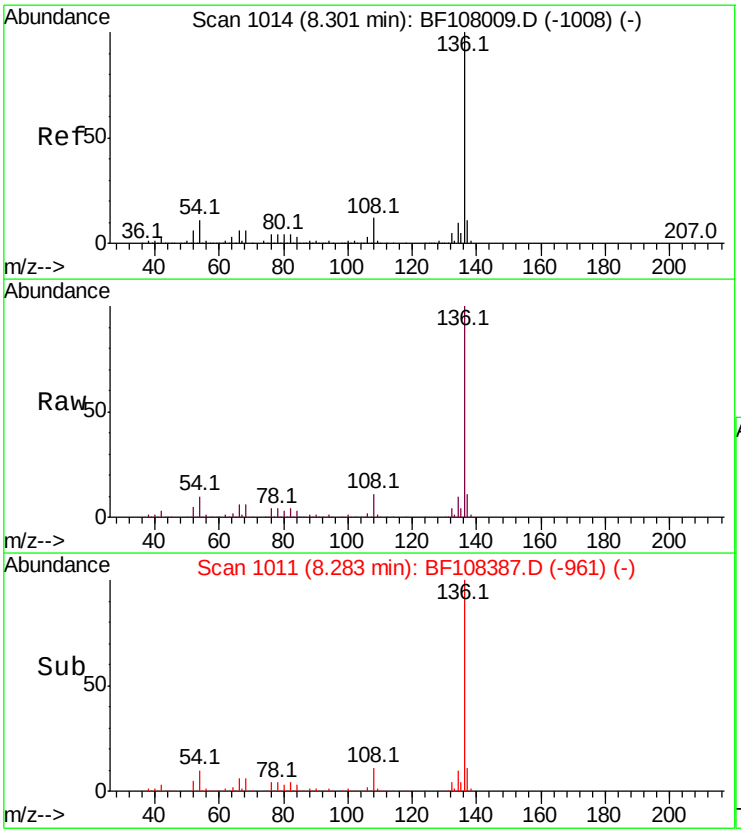

#7
Phenol-d6
Concen: 4.416 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Tgt Ion: 99 Resp: 56496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.4 | 14.5 | 21.7# |
| 71 | 37.1 | 25.4 | 38.0 |

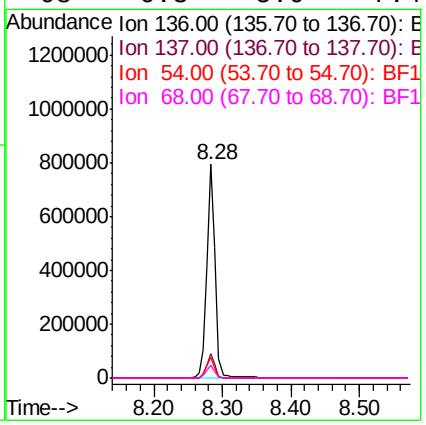


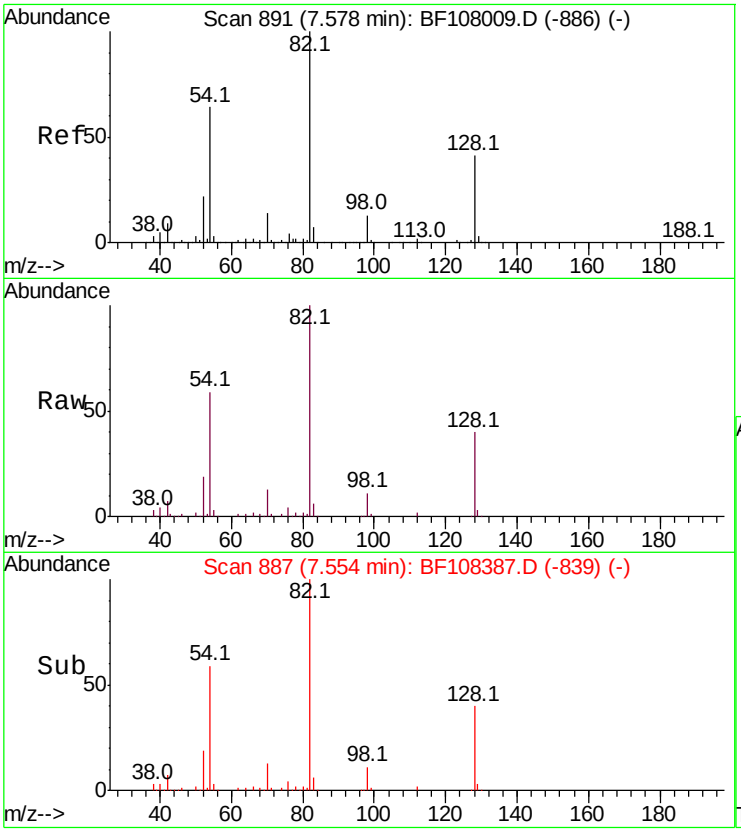




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion:136 Resp: 694395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.9 | 13.3 |
| 54 | 9.8 | 6.6 | 9.8# |
| 68 | 6.3 | 5.0 | 7.4 |



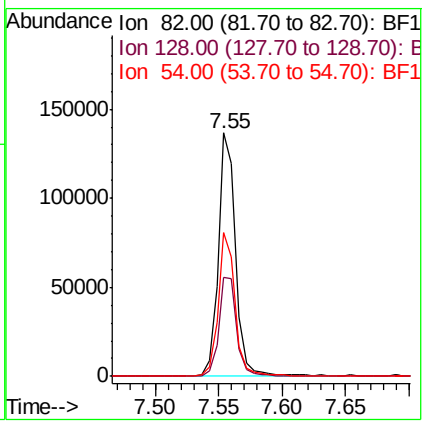


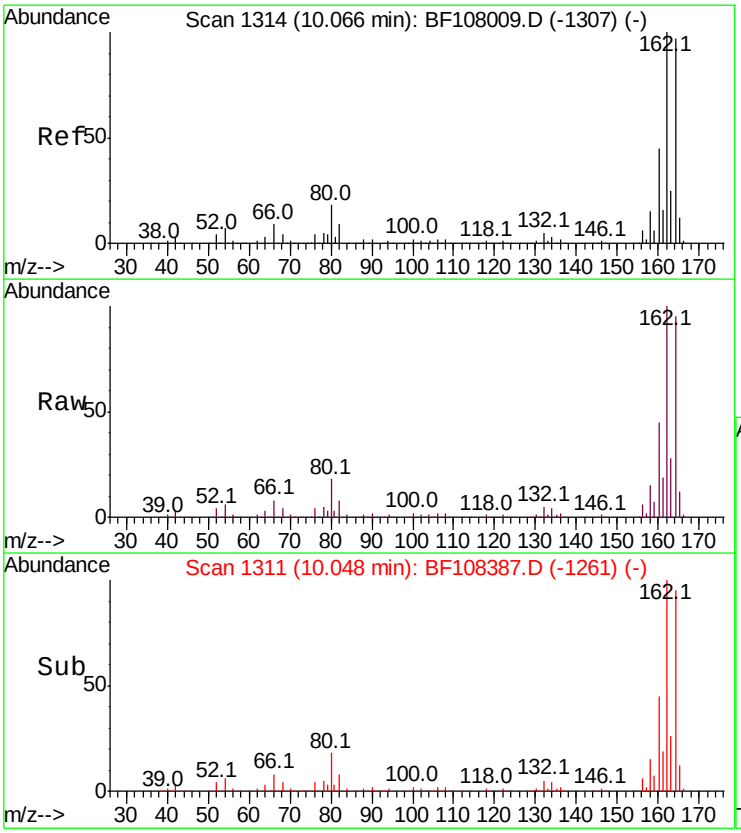

#23
Nitrobenzene-d5
Concen: 10.530 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Tgt Ion: 82 Resp: 131033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.4 | 36.1 | 54.1 |
| 54 | 59.0 | 41.4 | 62.2 |

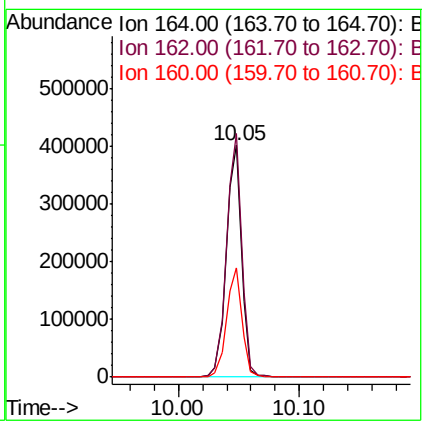


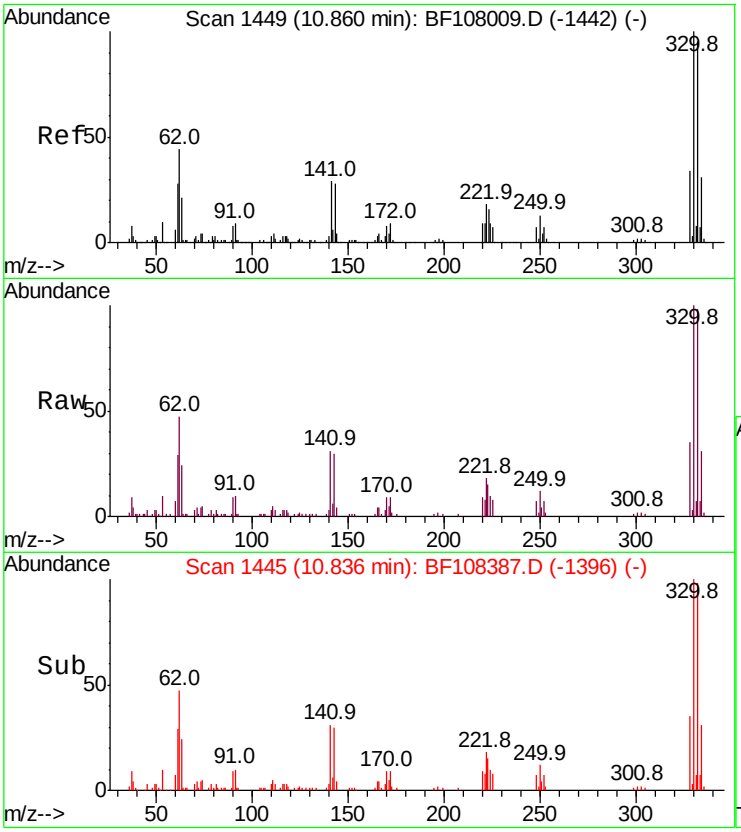




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion:164 Resp: 352179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.1 | 86.1 | 129.1 |
| 160 | 47.4 | 38.3 | 57.5 |



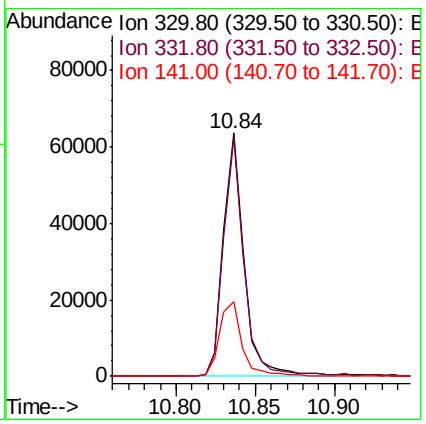


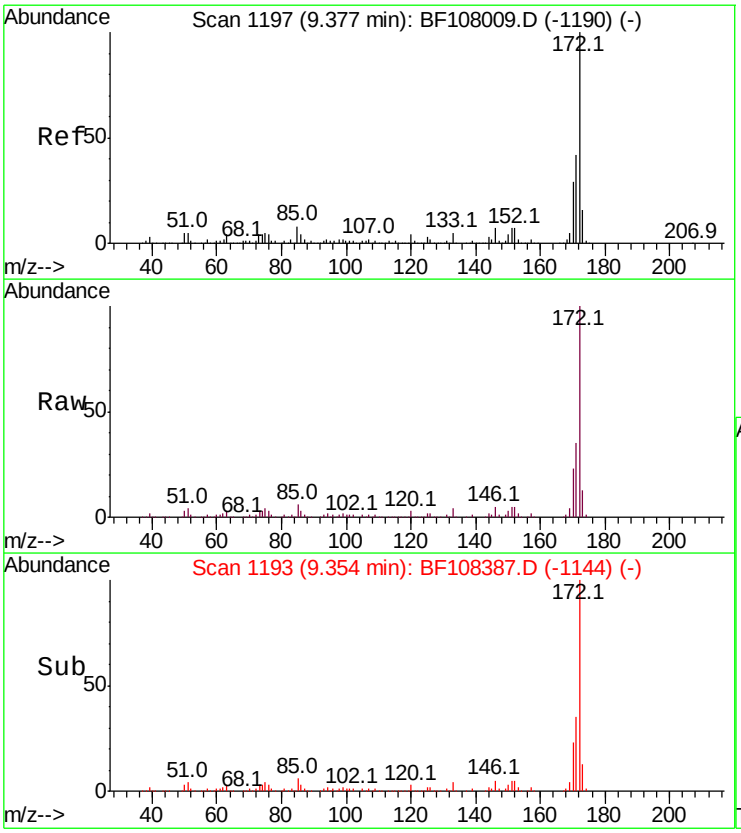

#41
2,4,6-Tribromophenol
Concen: 16.488 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Tgt Ion:330 Resp: 57922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.0 | 115.6 |
| 141 | 33.3 | 29.9 | 44.9 |

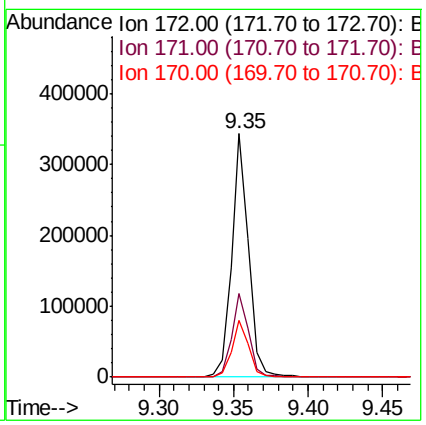


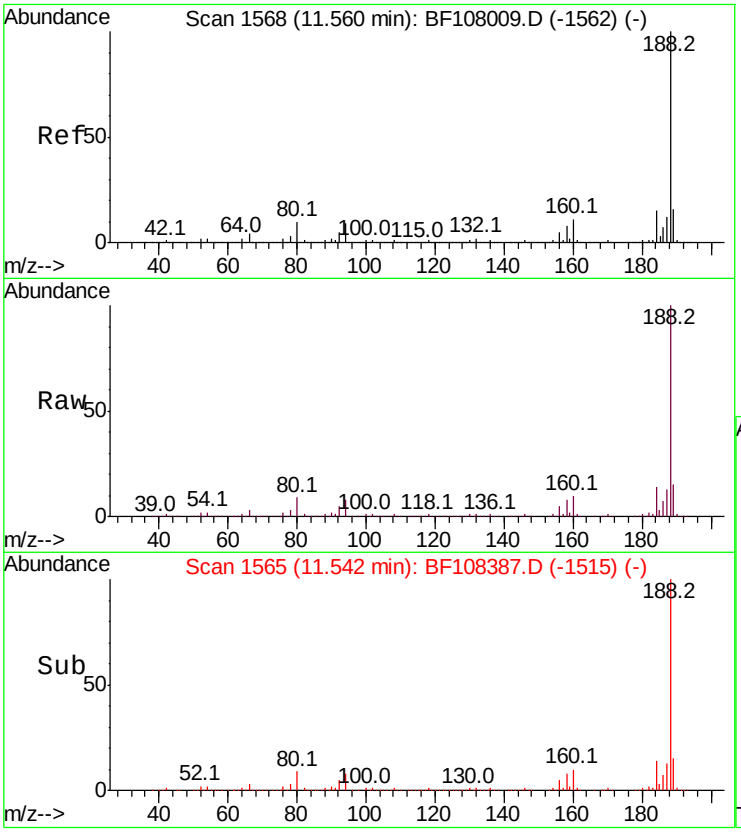




#44
2-Fluorobiphenyl
Concen: 12.562 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion:172 Resp: 275569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 29.7 | 44.5 |
| 170 | 23.4 | 19.6 | 29.4 |



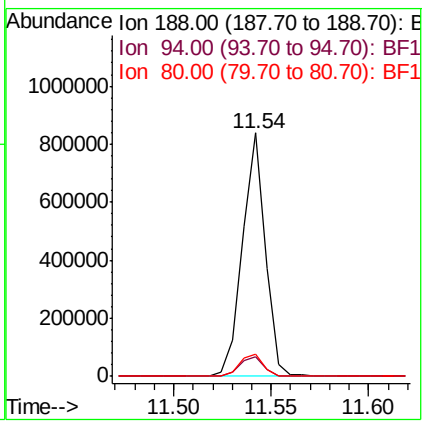


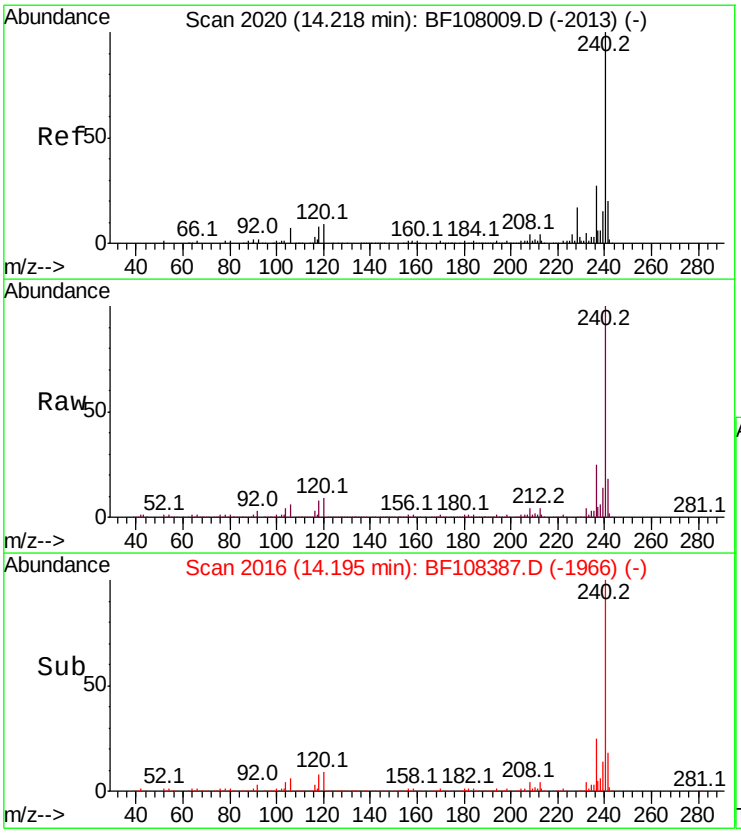

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Tgt Ion:188 Resp: 680490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 8.5 | 12.7# |
| 80 | 9.2 | 9.2 | 13.8 |

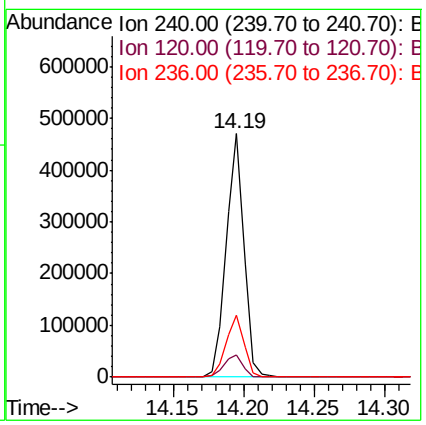


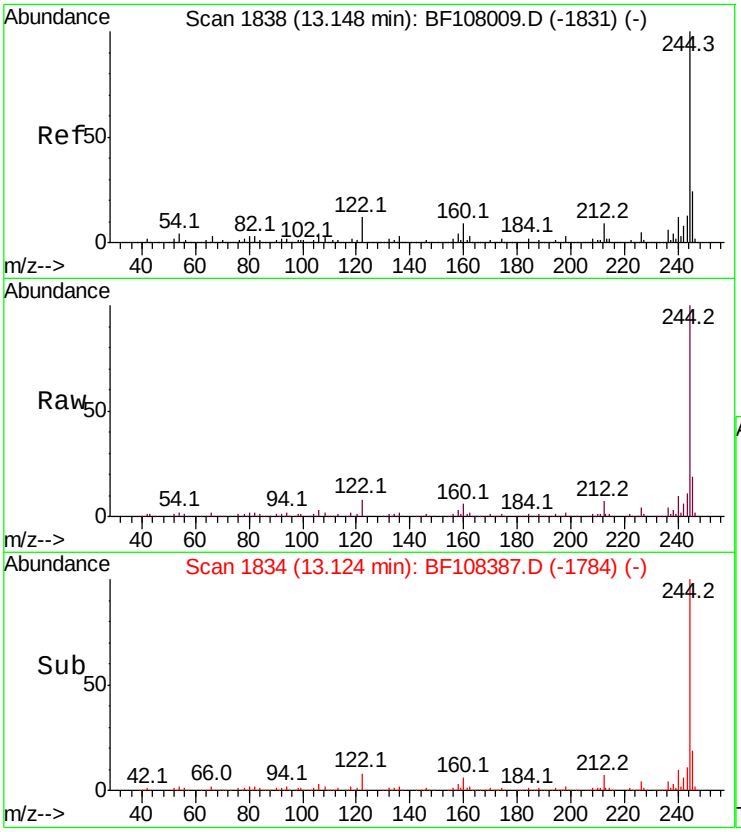




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion:240 Resp: 409854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 9.5 | 14.3# |
| 236 | 25.3 | 20.7 | 31.1 |



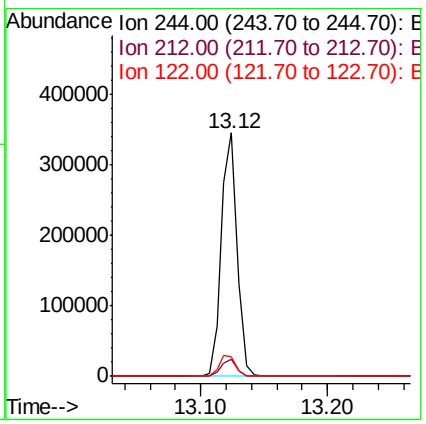


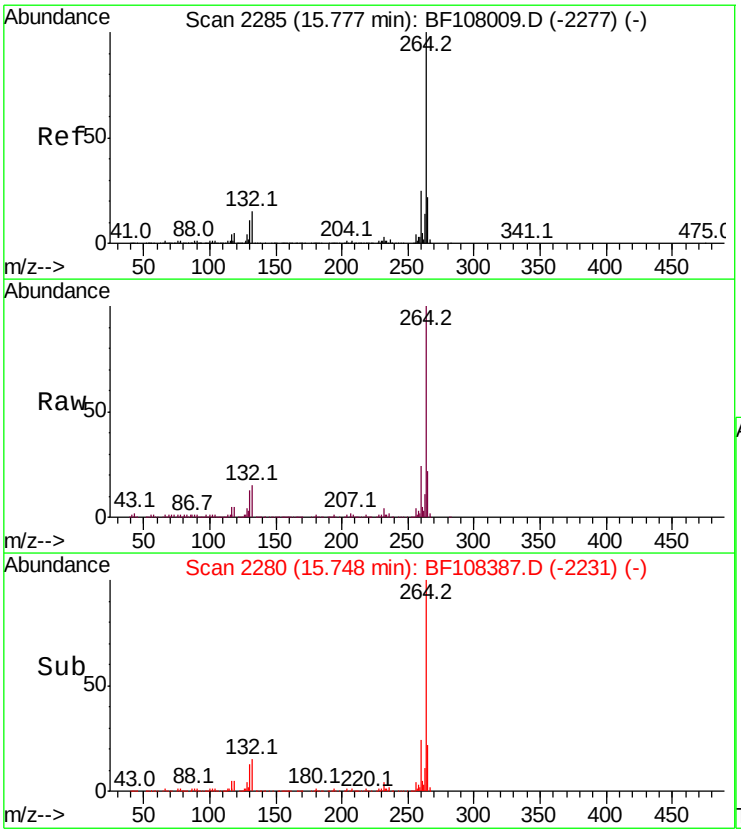

#78
Terphenyl-d14
Concen: 18.616 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

**Instrument :**
BNA_F
**ClientSampleId :**
NUTLEY-DRUM

Tgt Ion:244 Resp: 300084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 8.2 | 11.0 | 16.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion:264 Resp: 361882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |