Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103873.D
Acq On : 23 Mar 2018 12:08
Operator : JU/SJ
Sample : J1990-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** WELL-A

Quant Time: Mar 23 14:14:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 142151 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 577616 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.02 | 164 | 279107 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.51 | 188 | 525068 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.16 | 240 | 501035 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.70 | 264 | 445459 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 849184 | 90.86 | ng | 0.00 |
| 7) Phenol-d6 | 6.59 | 99 | 813209 | 71.12 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 892251 | 107.72 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 388076 | 161.71 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.33 | 172 | 1545847 | 88.35 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.10 | 244 | 1781739 | 82.54 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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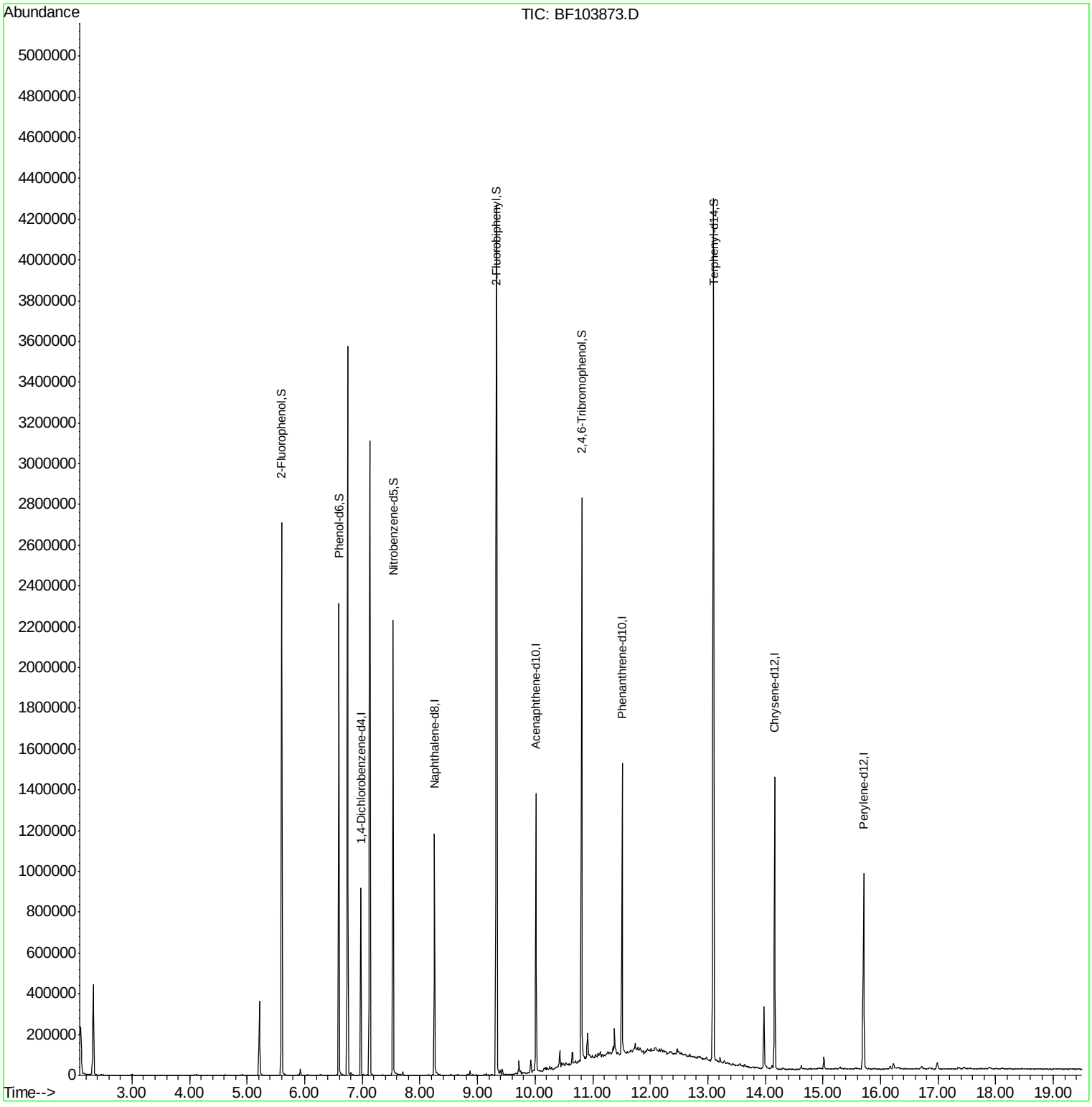
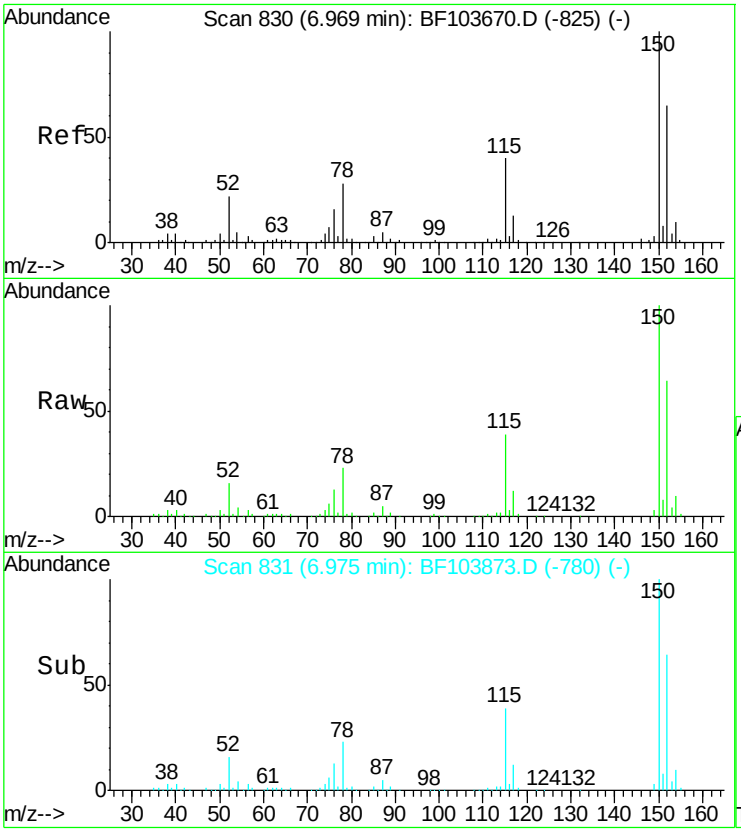


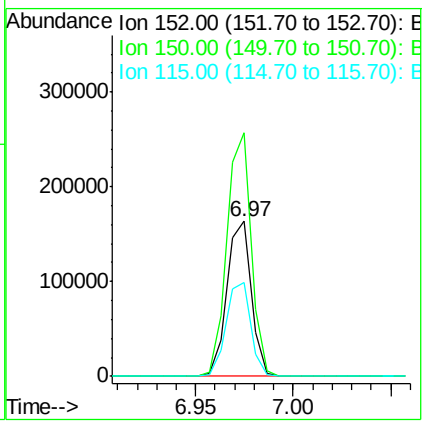


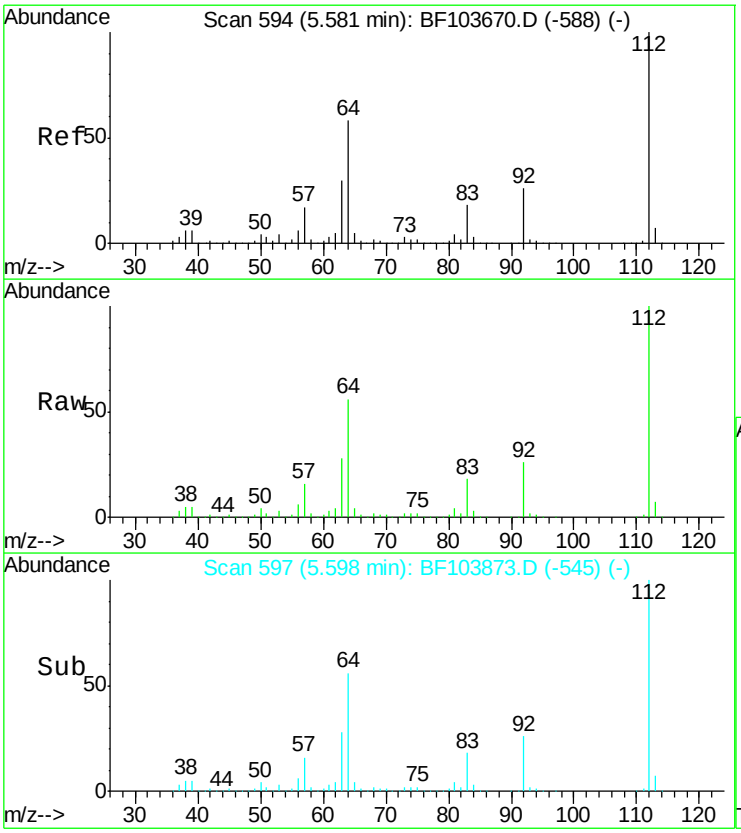

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

**Instrument :**
BNA_F
**ClientSampleId :**
WELL-A

Tgt Ion:152 Resp: 142151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 124.6 | 186.8 |
| 115 | 60.8 | 50.1 | 75.1 |

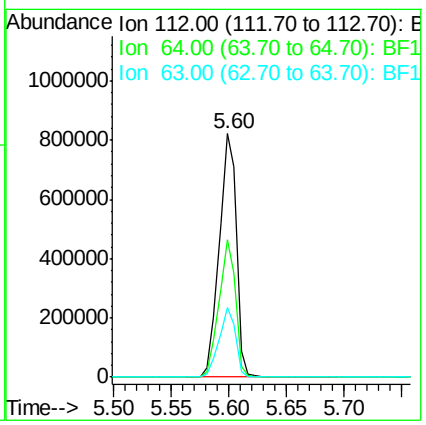


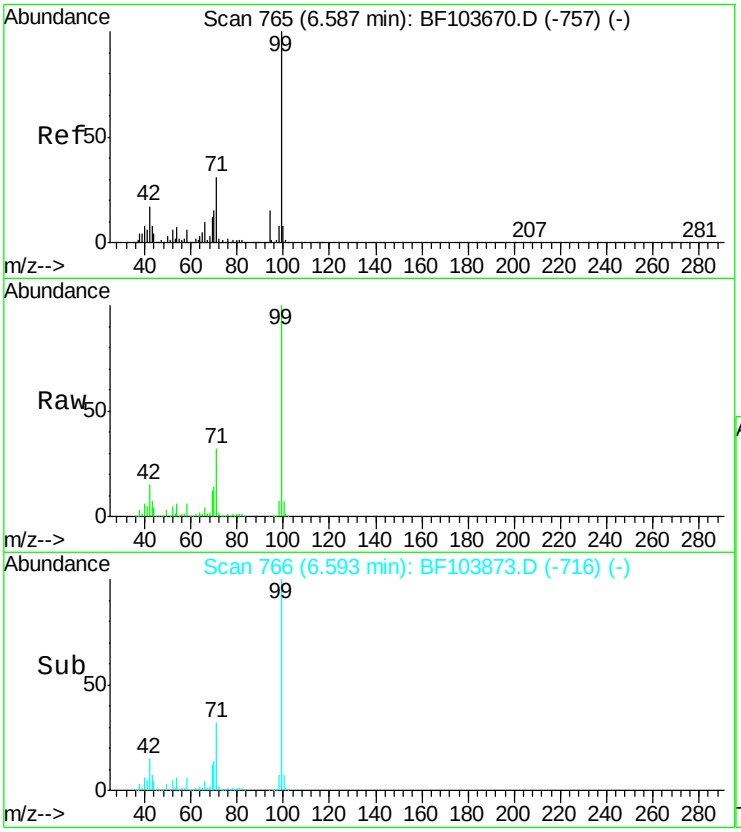




#5
2-Fluorophenol
Concen: 90.861 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

Tgt Ion:112 Resp: 849184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.5 | 47.9 | 71.9 |
| 63 | 28.4 | 23.7 | 35.5 |



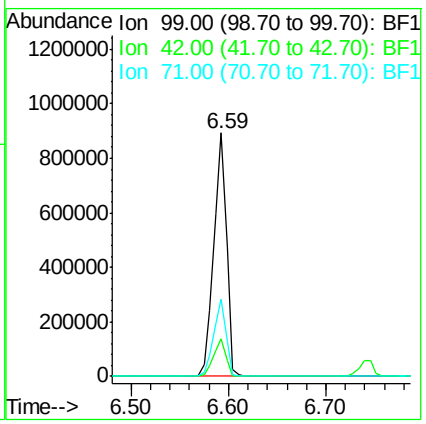


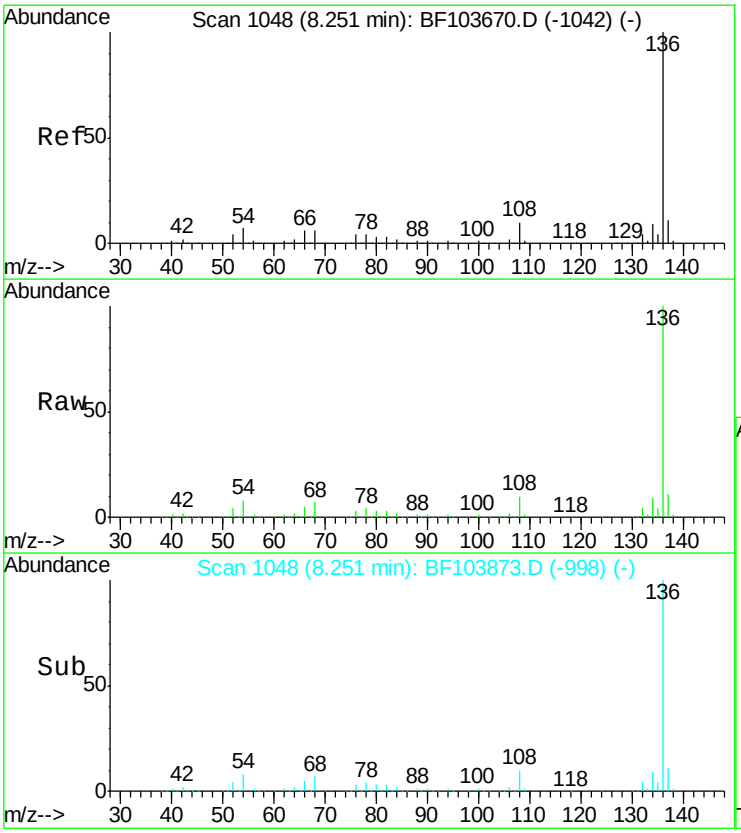

#7
Phenol-d6
Concen: 71.121 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

**Instrument :**
BNA_F
**ClientSampleId :**
WELL-A

Tgt Ion: 99 Resp: 813209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.2 | 14.5 | 21.7 |
| 71 | 31.9 | 25.4 | 38.0 |

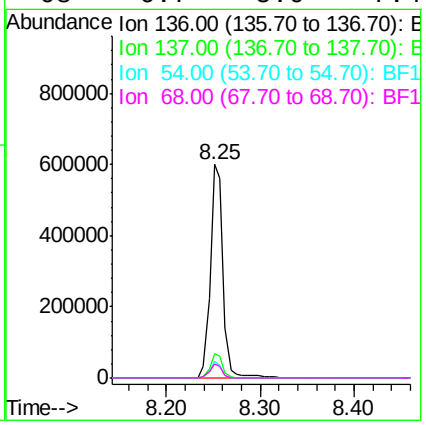


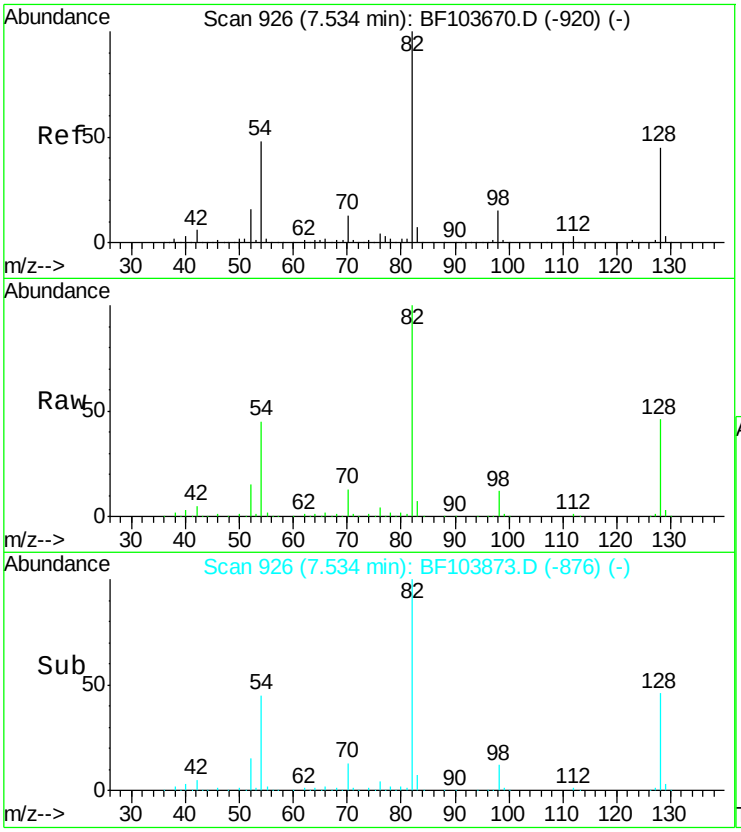




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

Tgt Ion:136 Resp: 577616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 7.6 | 6.6 | 9.8 |
| 68 | 6.7 | 5.0 | 7.4 |



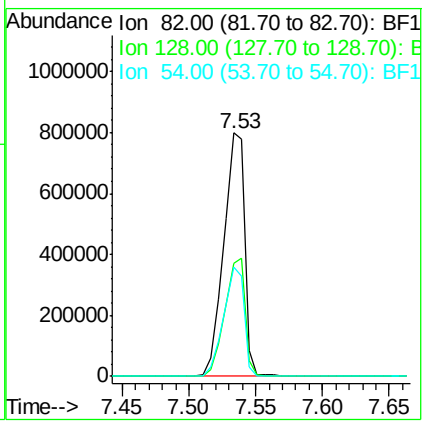


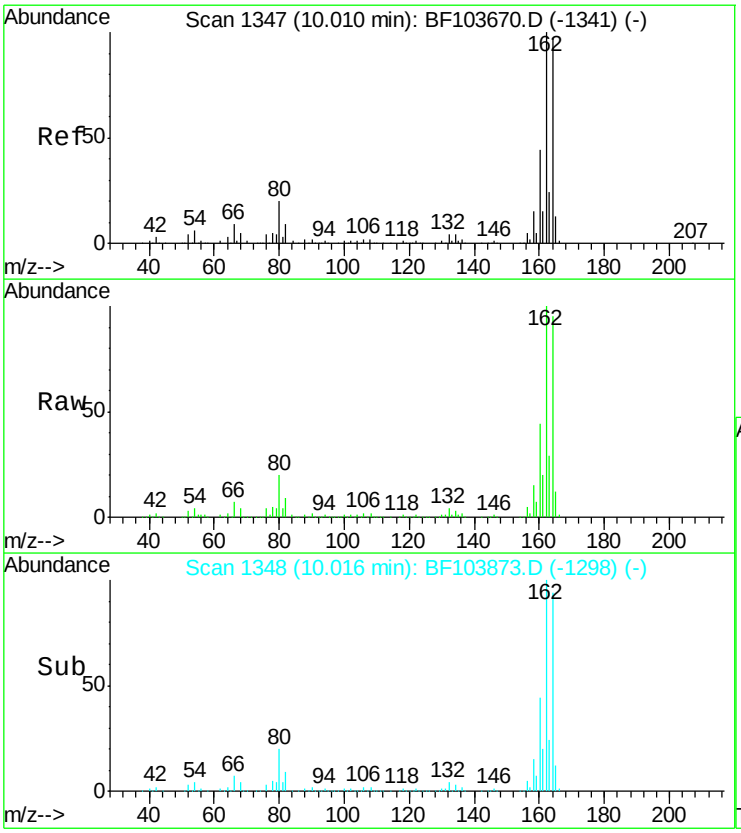

#23
Nitrobenzene-d5
Concen: 107.722 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

**Instrument :**
BNA_F
**ClientSampleId :**
WELL-A

Tgt Ion: 82 Resp: 892251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.4 | 36.1 | 54.1 |
| 54 | 44.7 | 41.4 | 62.2 |

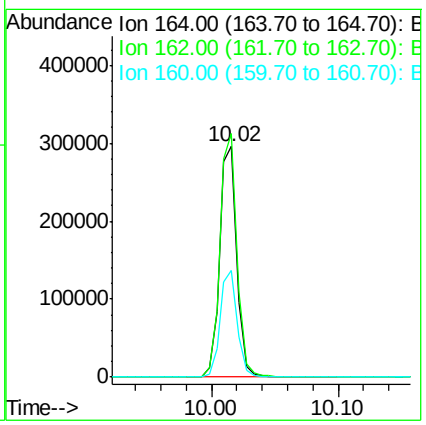


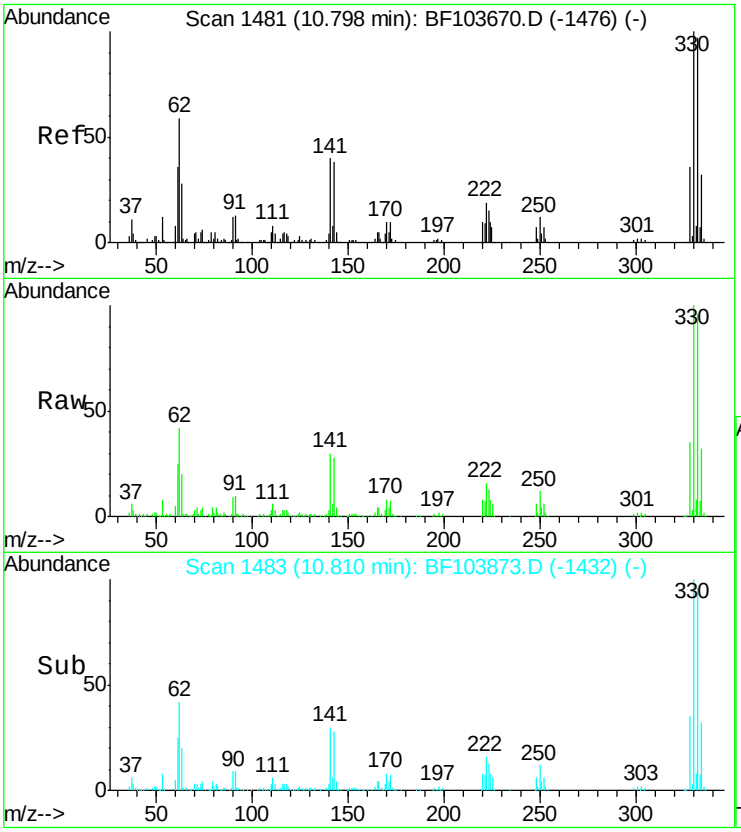




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

Tgt Ion:164 Resp: 279107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.6 | 86.1 | 129.1 |
| 160 | 46.4 | 38.3 | 57.5 |



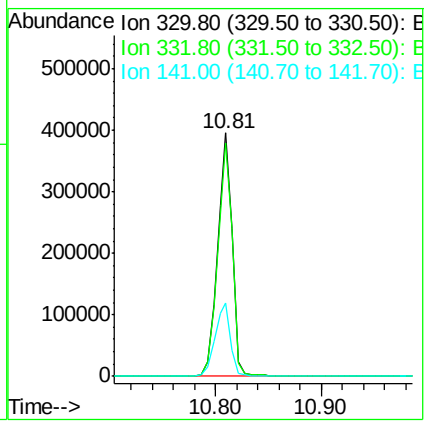


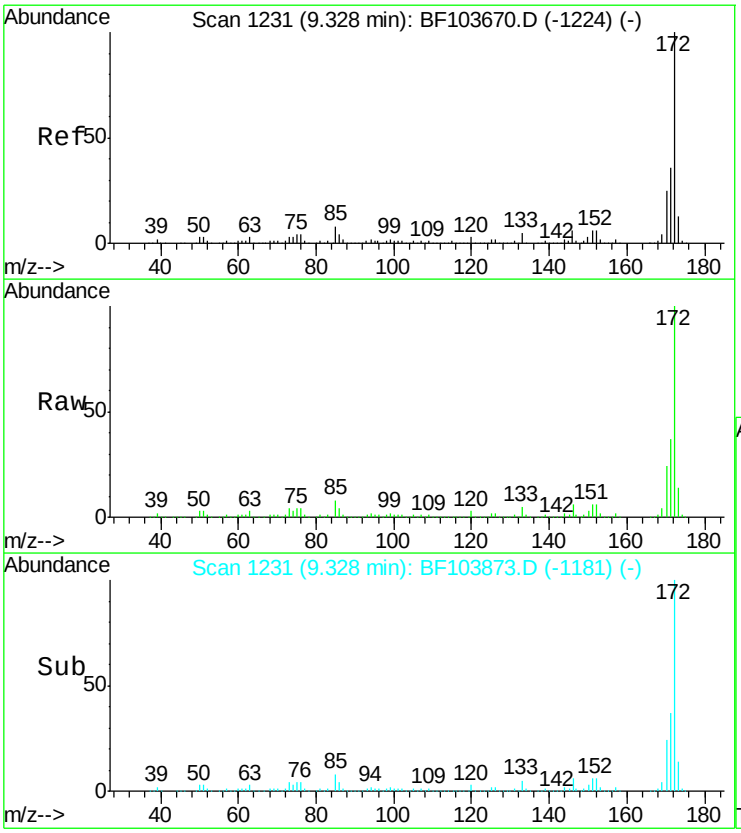

#41
2,4,6-Tribromophenol
Concen: 161.713 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

**Instrument :**
BNA_F
**ClientSampleId :**
WELL-A

Tgt Ion:330 Resp: 388076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.0 | 115.6 |
| 141 | 31.6 | 29.9 | 44.9 |

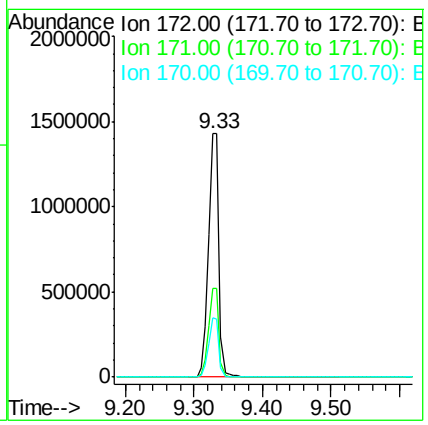


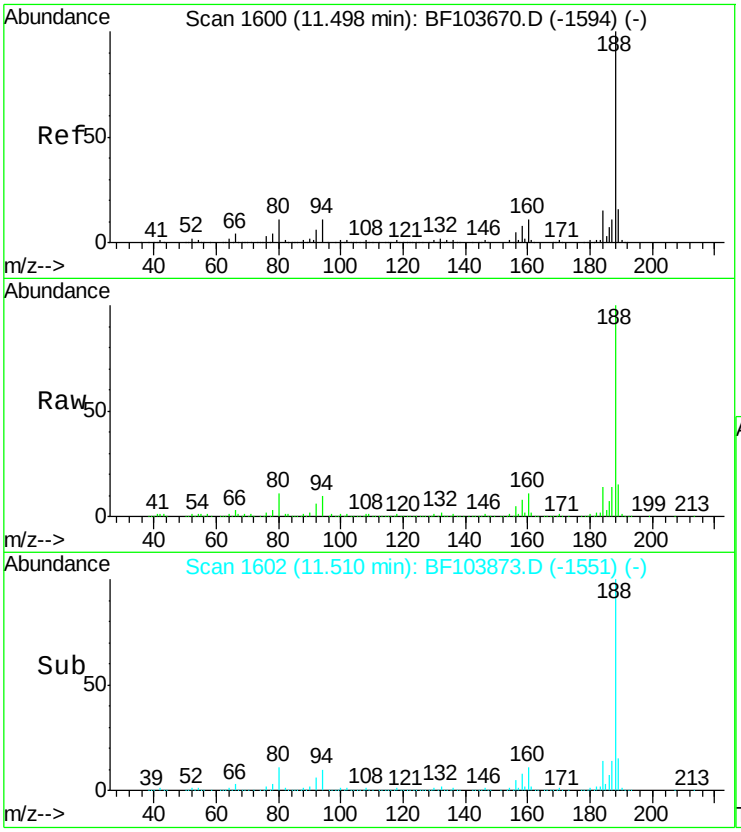




#44
2-Fluorobiphenyl
Concen: 88.348 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

Tgt Ion:172 Resp: 1545847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.7 | 44.5 |
| 170 | 24.1 | 19.6 | 29.4 |



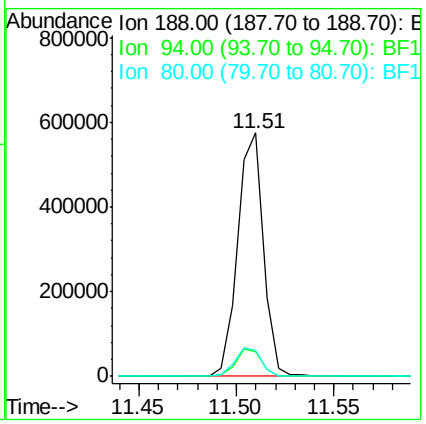


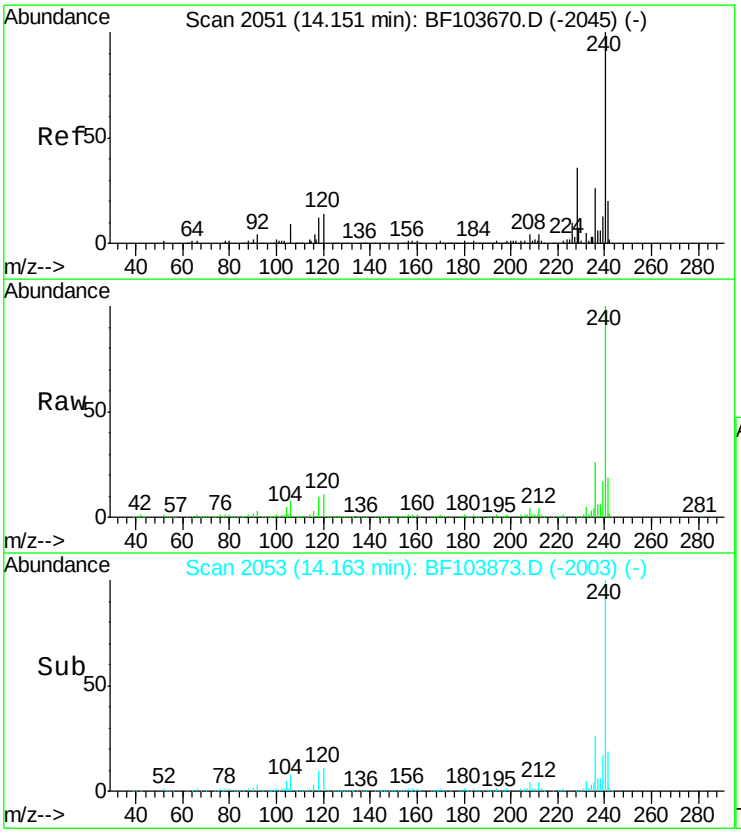

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

**Instrument :**
BNA_F
**ClientSampleId :**
WELL-A

Tgt Ion:188 Resp: 525068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 8.5 | 12.7 |
| 80 | 10.6 | 9.2 | 13.8 |

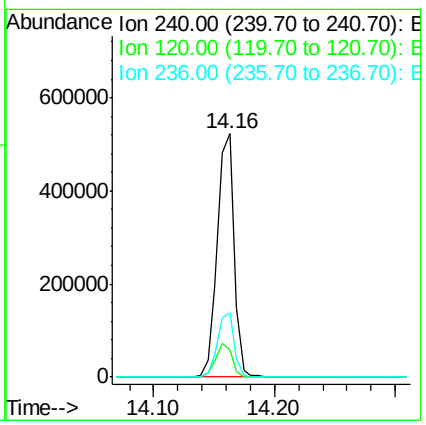


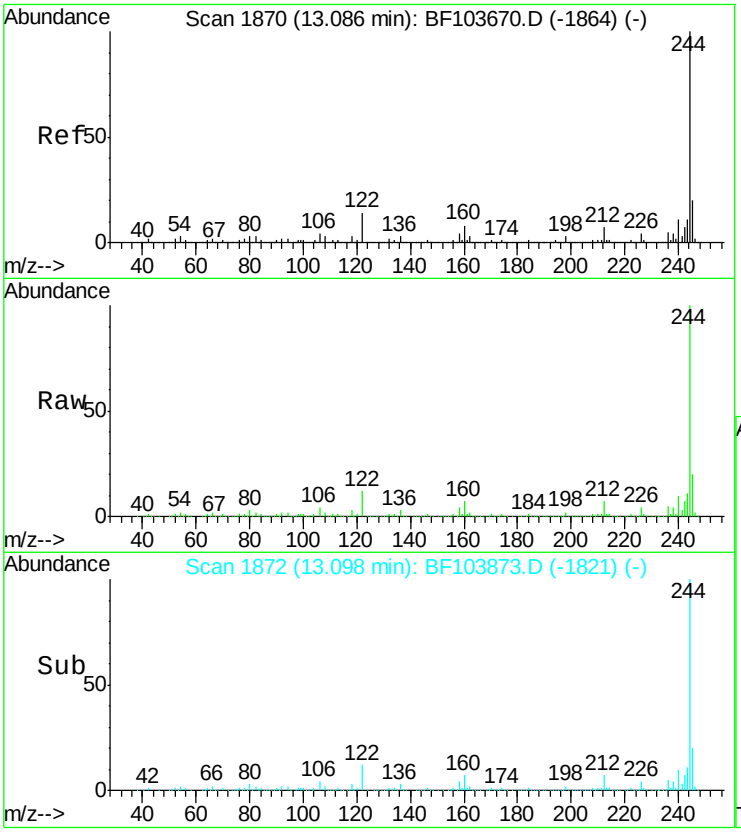




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

Tgt Ion:240 Resp: 501035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.5 | 14.3 |
| 236 | 26.3 | 20.7 | 31.1 |



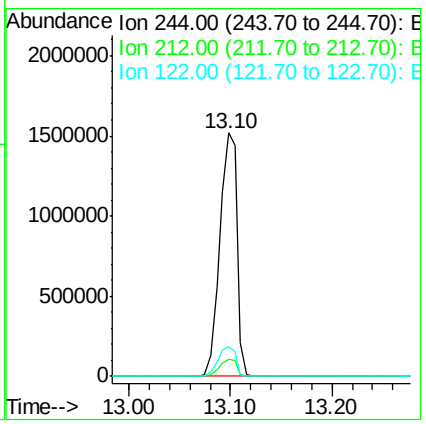


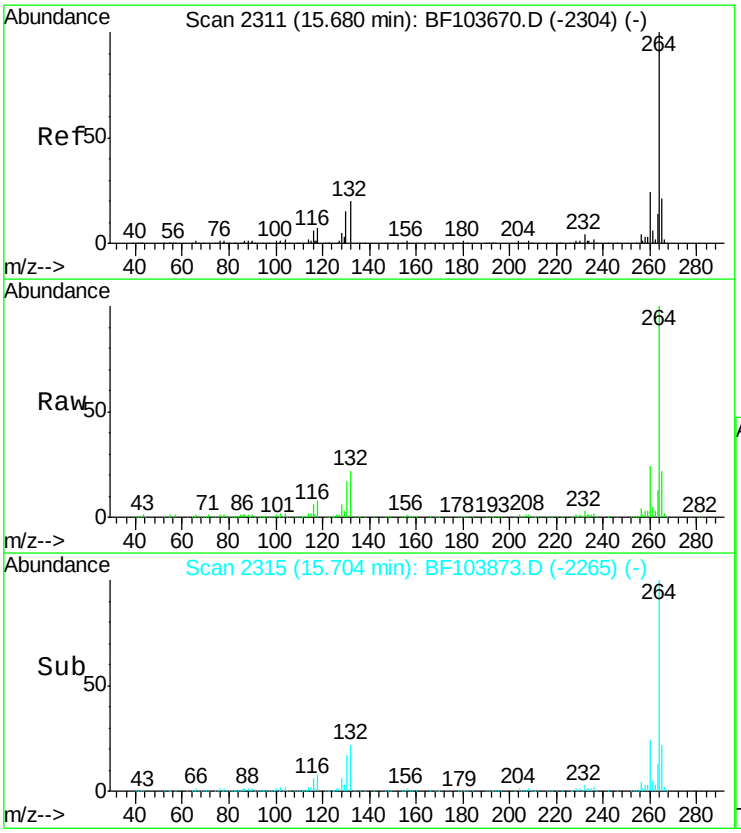

#78
Terphenyl-d14
Concen: 82.543 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

**Instrument :**
BNA_F
**ClientSampleId :**
WELL-A

Tgt Ion:244 Resp: 1781739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 12.3 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103873.D
Acq: 23 Mar 2018 12:08

Tgt Ion:264 Resp: 445459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |