Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104582.D
Acq On : 18 Apr 2018 00:34
Operator : JU/SJ
Sample : J2387-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 18 02:32:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 149433 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 591902 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 240371 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 371603 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 305097 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 214416 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 1102808 | 112.84 | ng | | 0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 1386483 | 115.47 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 853071 | 94.11 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 271746 | 108.98 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 1258526 | 82.71 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.92 | 244 | 946143 | 70.70 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.46 | 94 | 28729 | 2.255 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 111237 | 14.177 | ng | # | 73 |
| 25) Isophorone | 7.37 | 82 | 853059 | 44.503 | ng | # | 64 |
| 49) Dimethylphthalate | 9.56 | 163 | 110216 | 5.815 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 9.84 | 165 | 30714 | 6.676 | ng | # | 23 |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198 | 593 | 7.625 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.63 | 248 | 15567 | 3.938 | ng | # | 1 |
| 76) Benzidine | 12.92 | 184 | 12240 | Below Cal | | | 98 |

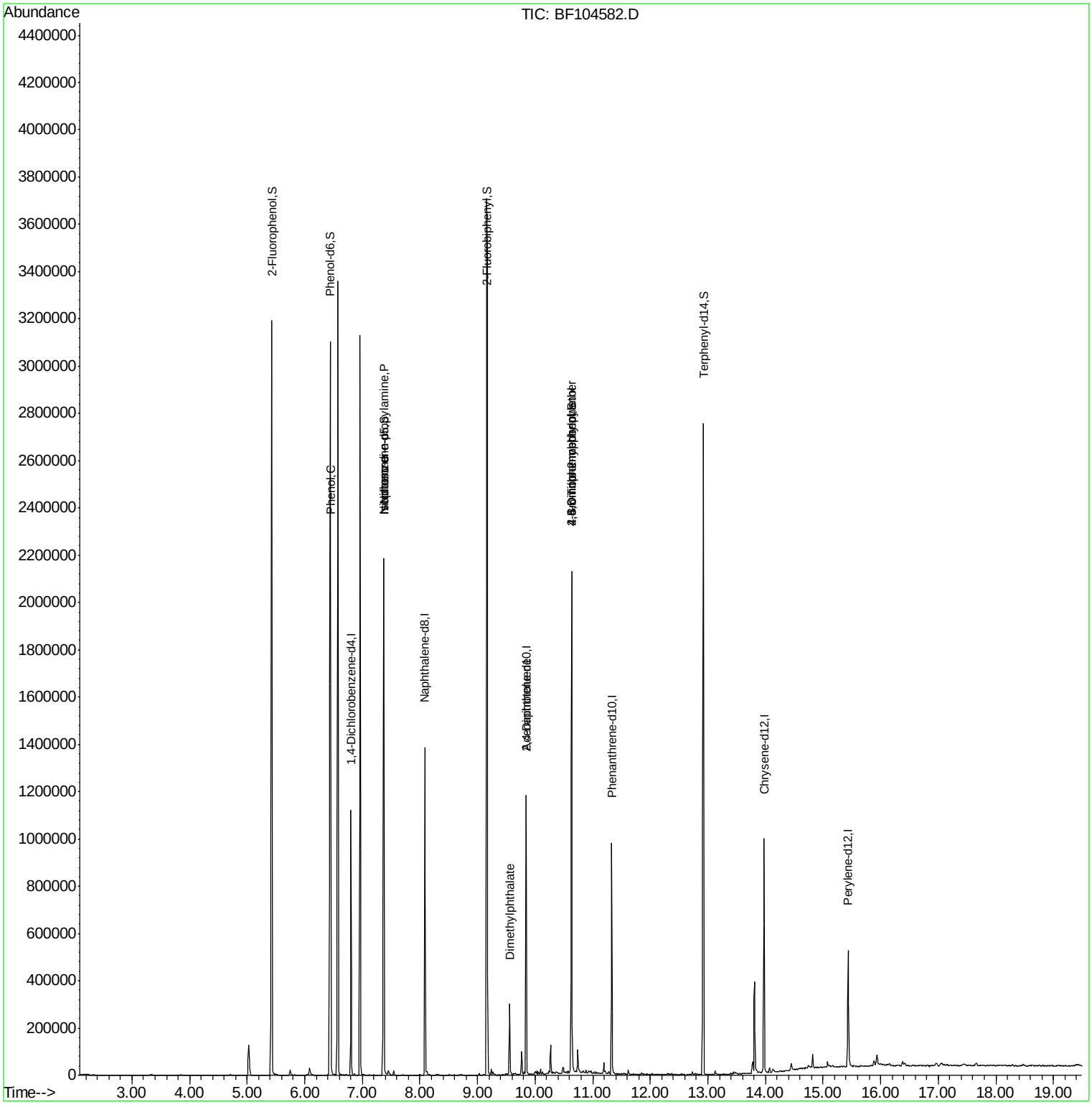
(#) = qualifier out of range (m) = manual integration (+) = signals summed

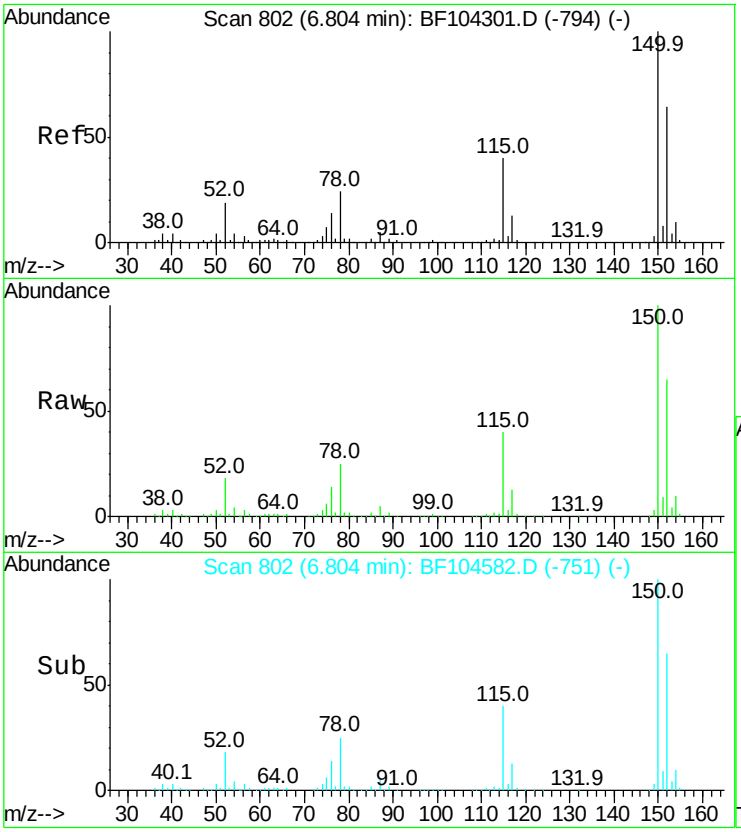
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104582.D
Acq On : 18 Apr 2018 00:34
Operator : JU/SJ
Sample : J2387-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 18 02:32:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration



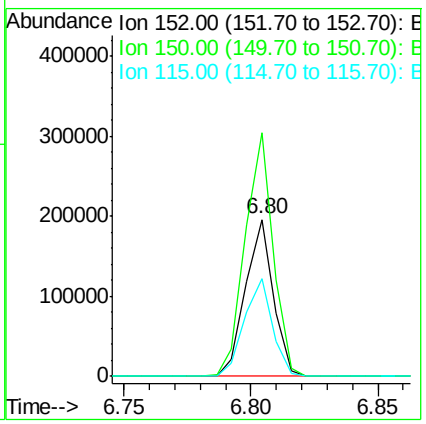


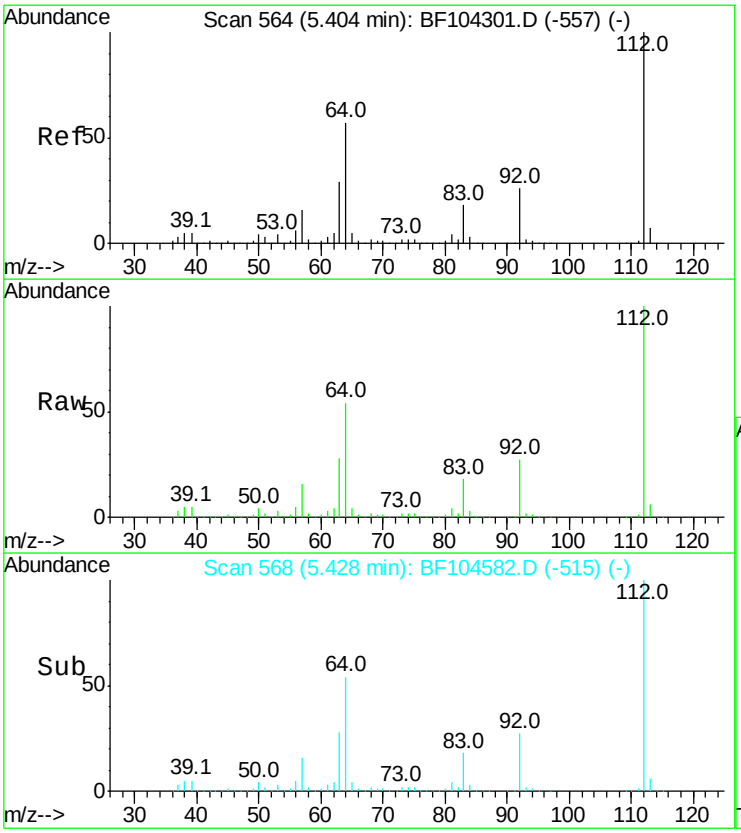

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:152 Resp: 149433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.9 | 124.6 | 186.8 |
| 115 | 62.2 | 50.1 | 75.1 |

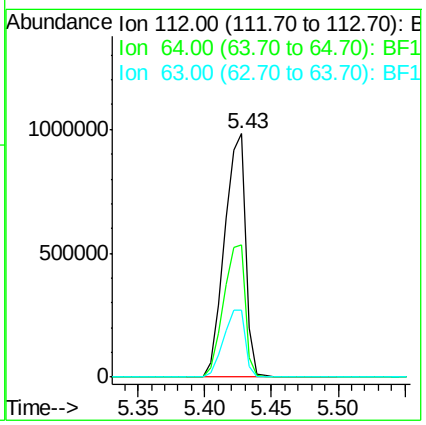


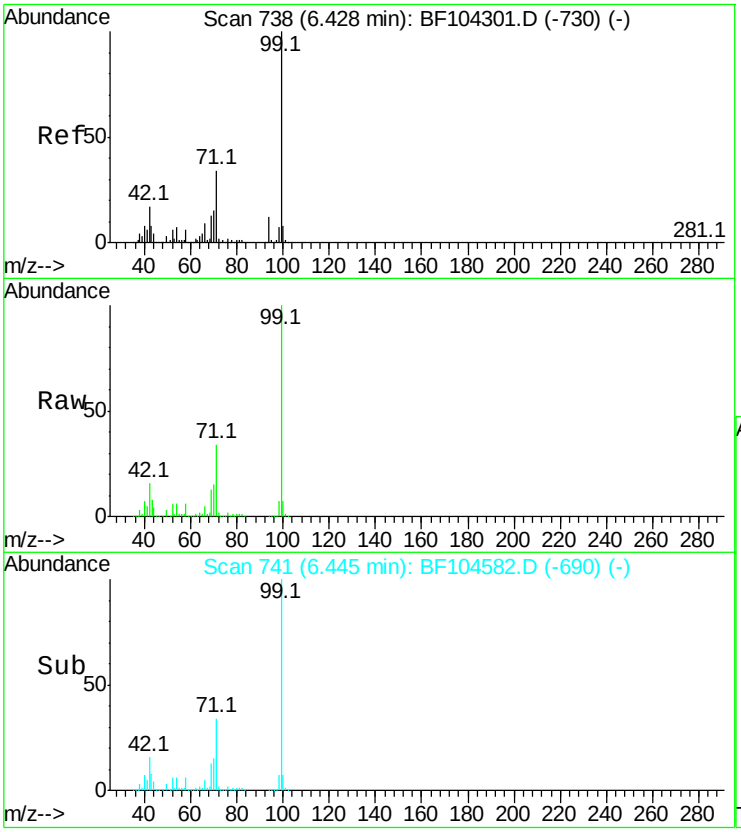




#5
2-Fluorophenol
Concen: 112.844 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:112 Resp: 1102808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.2 | 47.9 | 71.9 |
| 63 | 27.5 | 23.7 | 35.5 |



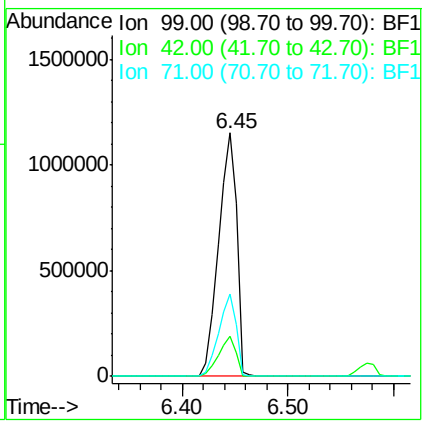


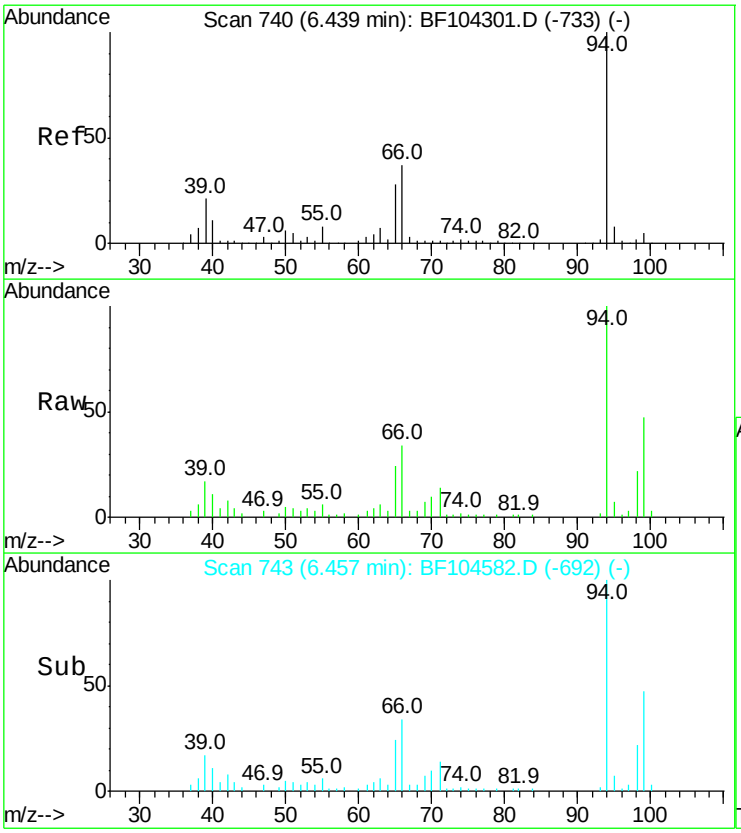

#7
Phenol-d6
Concen: 115.466 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion: 99 Resp: 1386483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 14.5 | 21.7 |
| 71 | 33.9 | 25.4 | 38.0 |

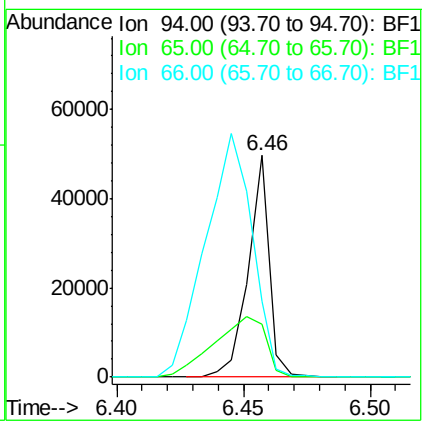


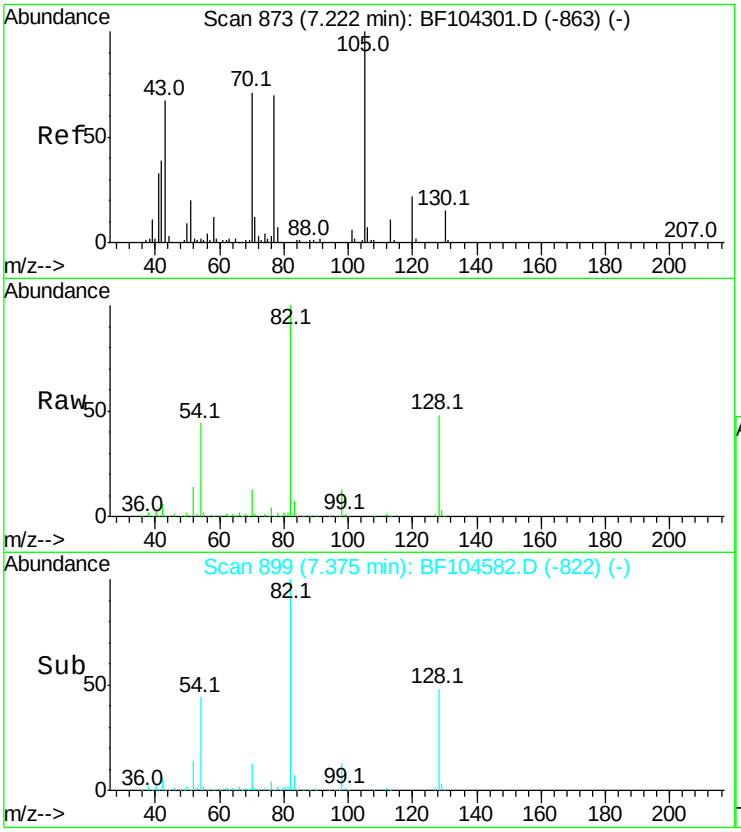




#10
Phenol
Concen: 2.255 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion: 94 Resp: 28729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 23.6 | 7.9 | 47.9 |
| 66 | 34.3 | 16.2 | 56.2 |



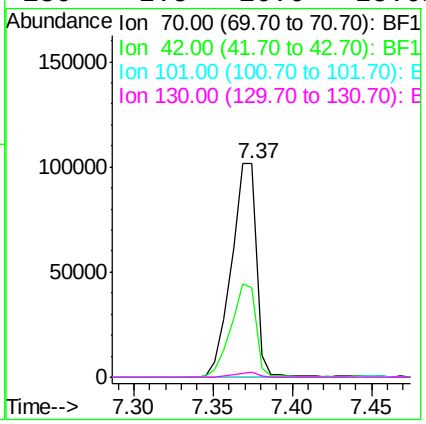


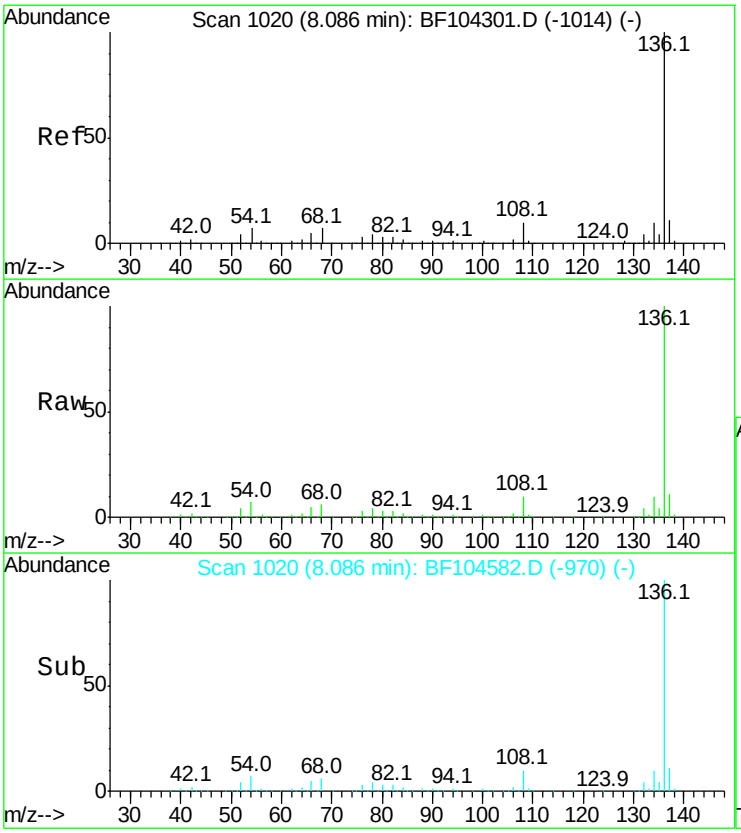

#19
n-Nitroso-di-n-propylamine
Concen: 14.177 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion: 70 Resp: 111237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 42.1 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.5 | 16.6 | 25.0# |

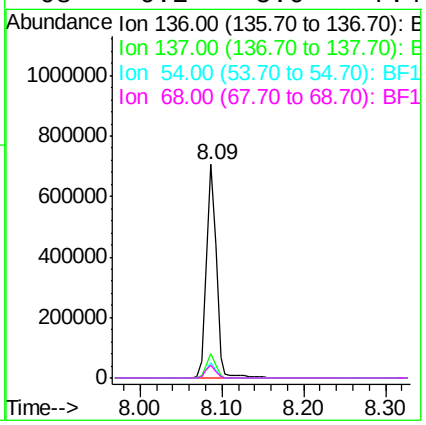


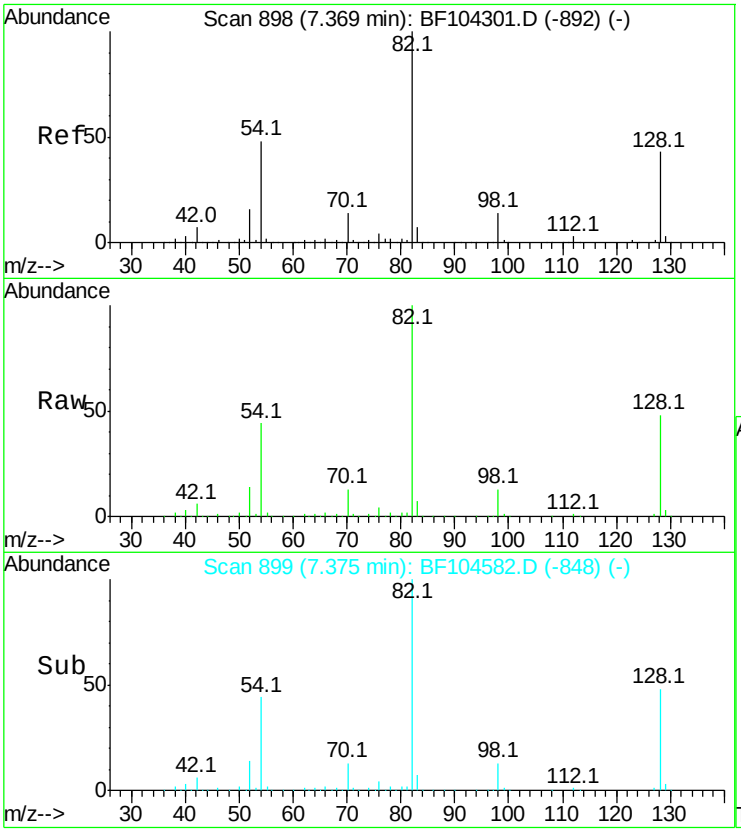




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:136 Resp: 591902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 6.9 | 6.6 | 9.8 |
| 68 | 6.2 | 5.0 | 7.4 |



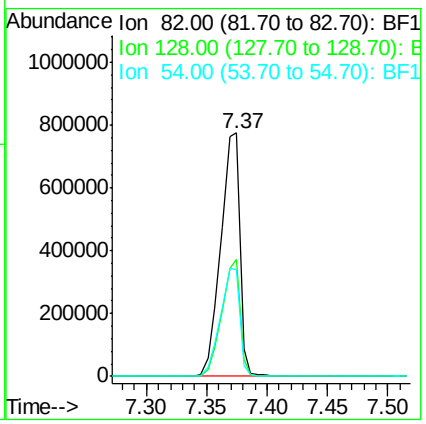


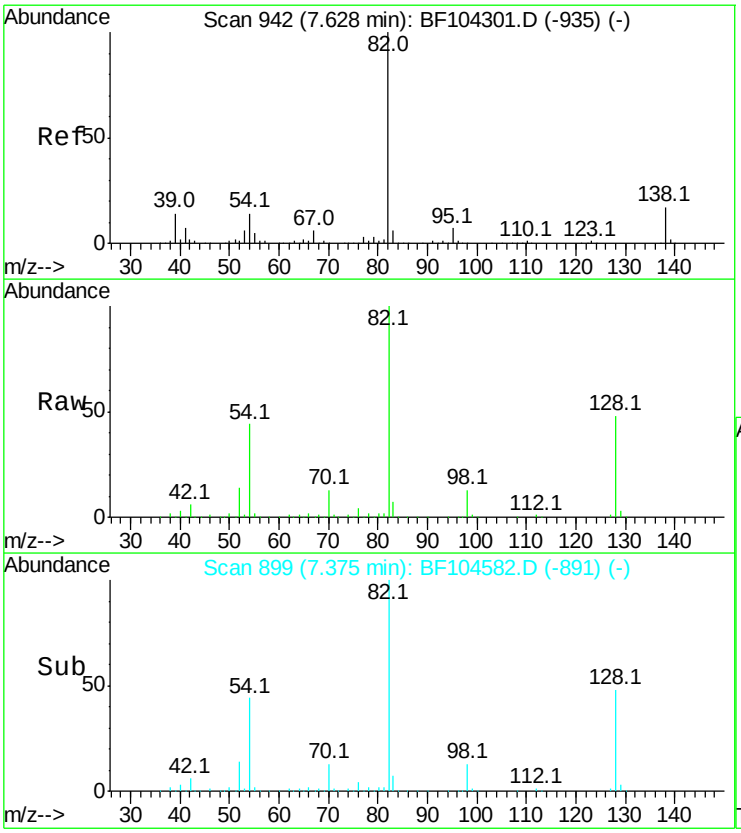

#23
Nitrobenzene-d5
Concen: 94.110 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion: 82 Resp: 853071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.0 | 36.1 | 54.1 |
| 54 | 43.8 | 41.4 | 62.2 |

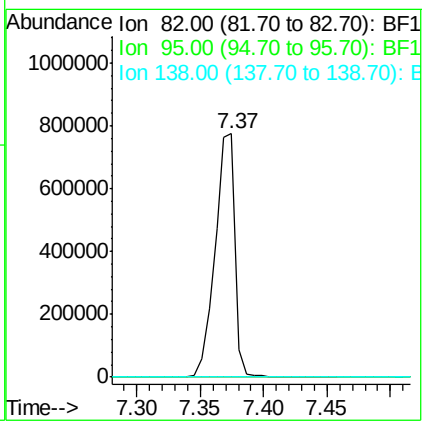


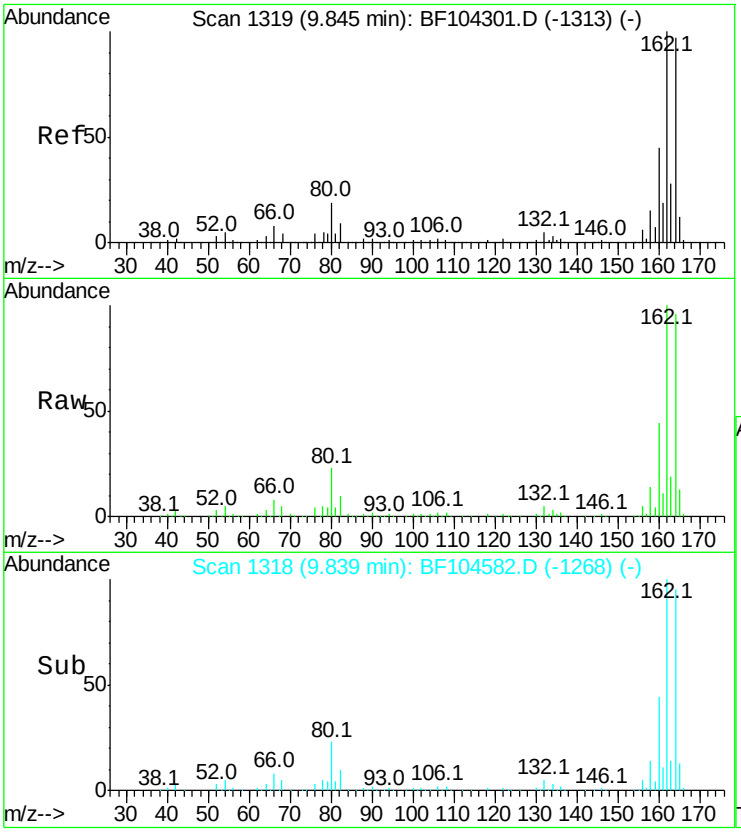




#25
Isophorone
Concen: 44.503 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion: 82 Resp: 853059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |



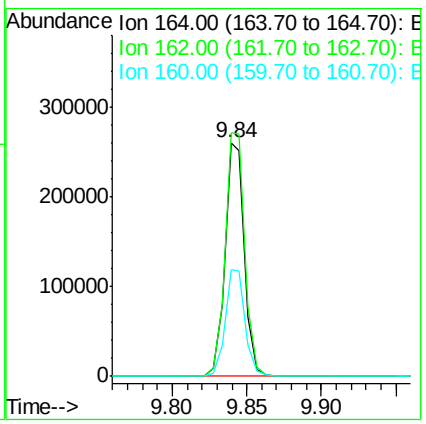


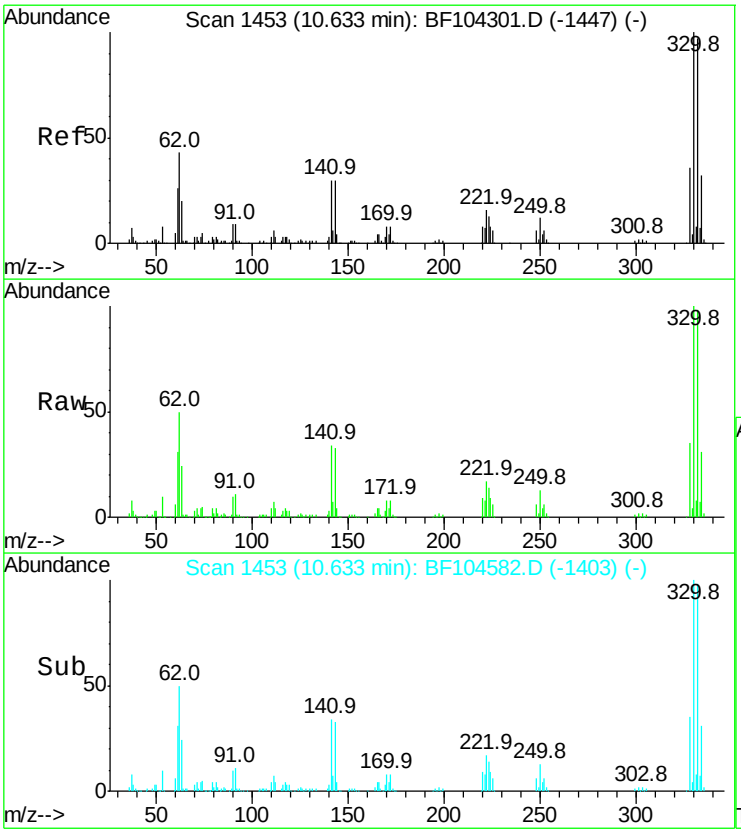

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:164 Resp: 240371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 86.1 | 129.1 |
| 160 | 45.6 | 38.3 | 57.5 |

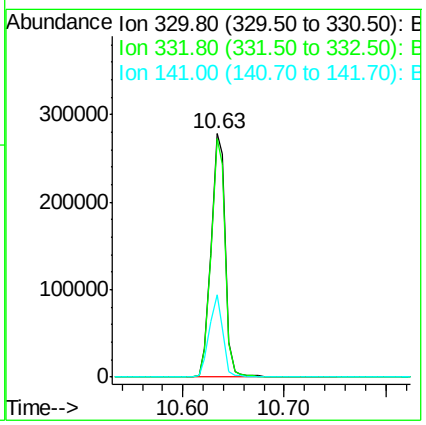


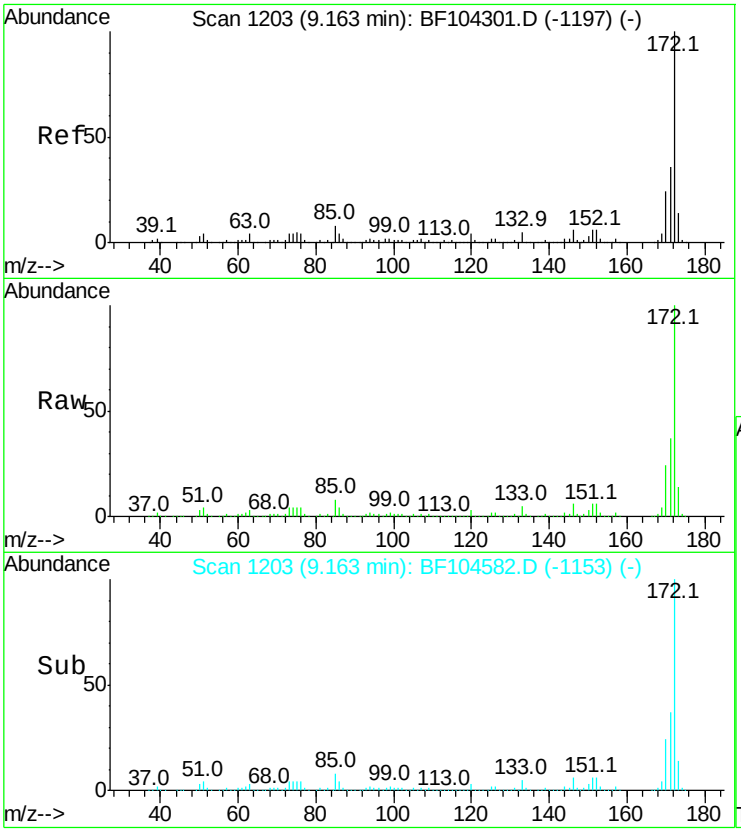




#41
2,4,6-Tribromophenol
Concen: 108.985 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:330 Resp: 271746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.0 | 115.6 |
| 141 | 32.1 | 29.9 | 44.9 |



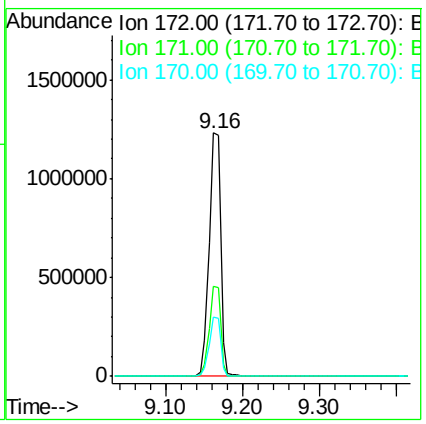


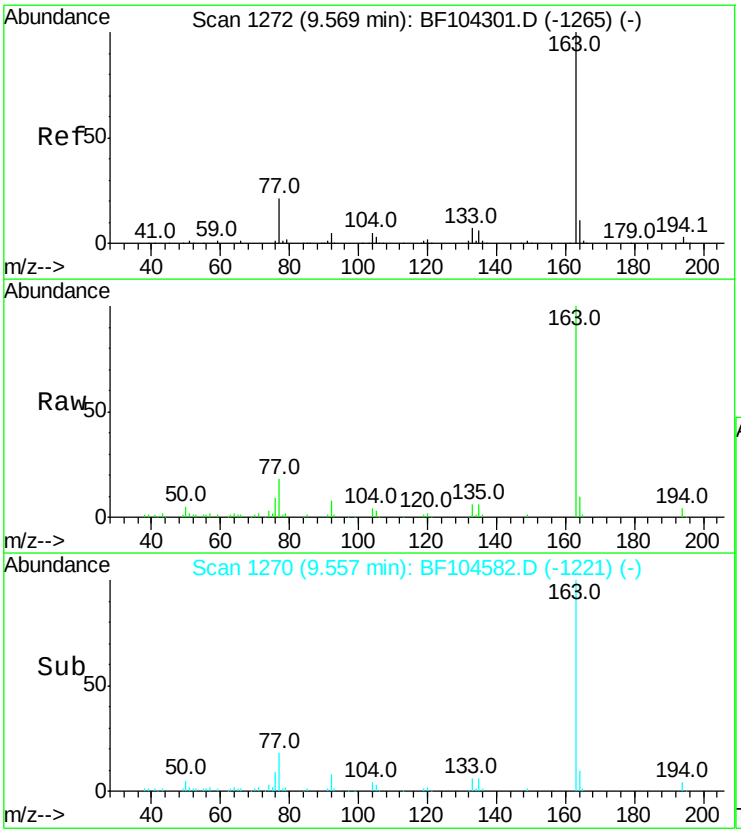

#44
2-Fluorobiphenyl
Concen: 82.712 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:172 Resp: 1258526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.7 | 44.5 |
| 170 | 24.2 | 19.6 | 29.4 |

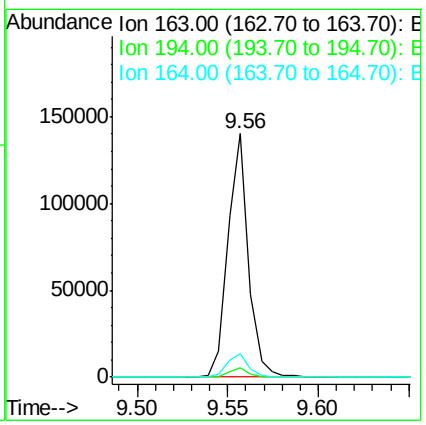


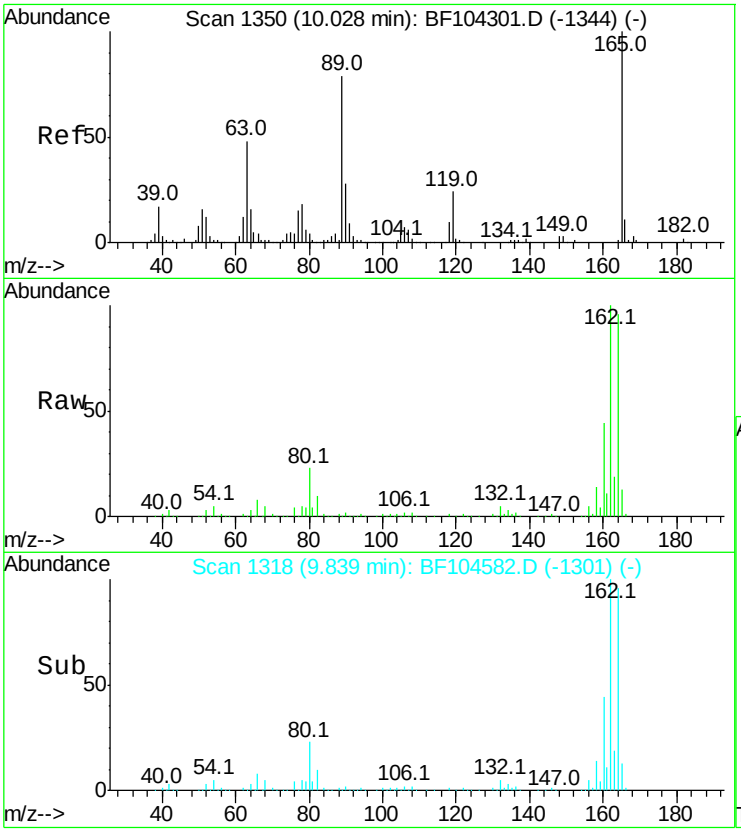




#49
Dimethylphthalate
Concen: 5.815 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:163 Resp: 110216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.7 | 4.1 |
| 164 | 9.8 | 8.2 | 12.2 |



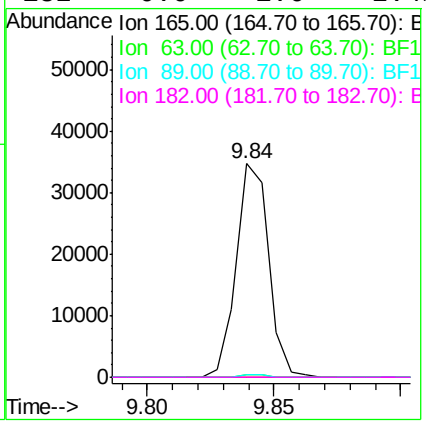


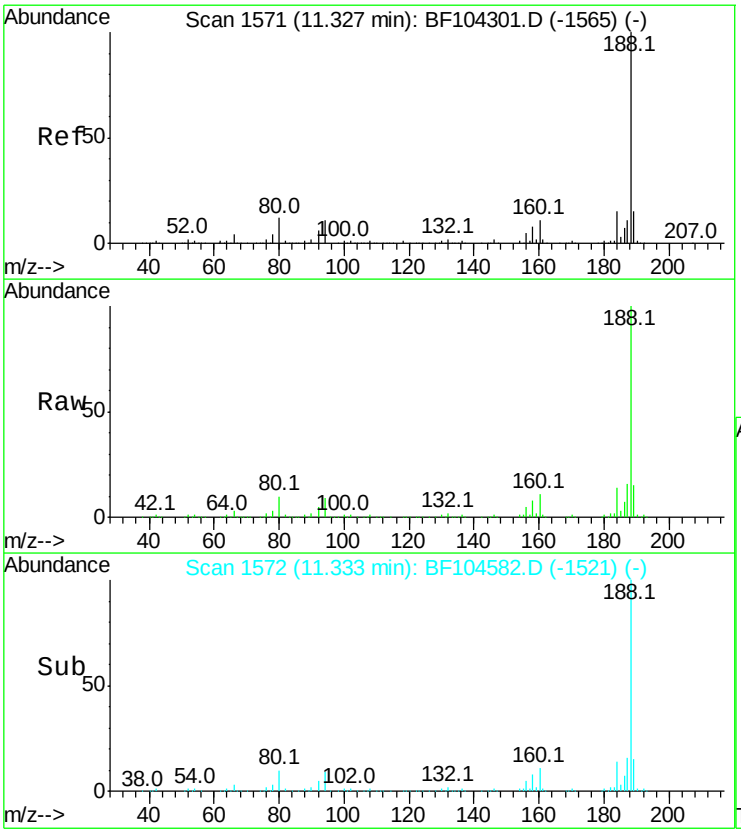

#56
2,4-Dinitrotoluene
Concen: 6.676 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:165 Resp: 30714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 36.4 | 54.6# |
| 89 | 1.0 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

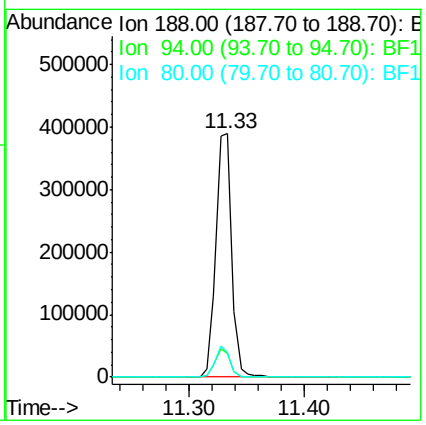


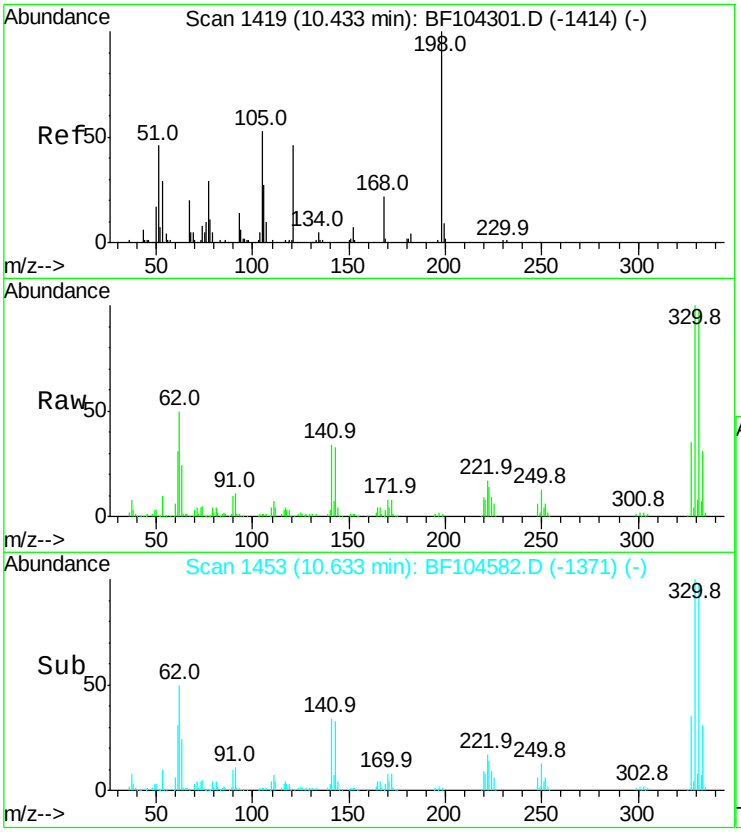




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:188 Resp: 371603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 8.5 | 12.7 |
| 80 | 10.1 | 9.2 | 13.8 |



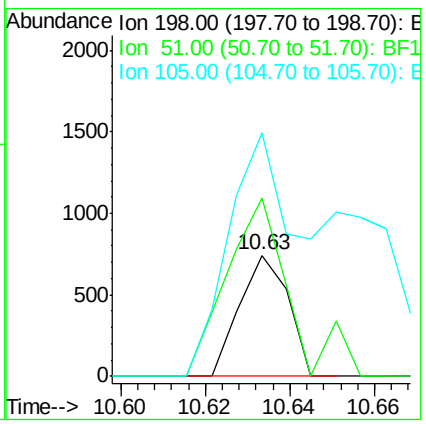


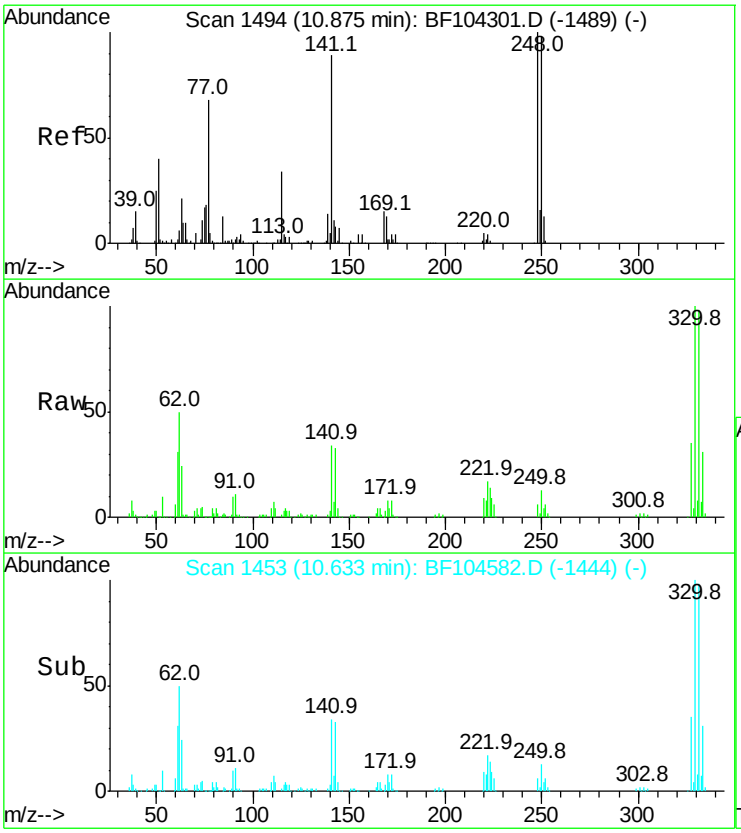

#64
4,6-Dinitro-2-methylphenol
Concen: 7.625 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:198 Resp: 593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 146.6 | 37.7 | 77.7# |
| 105 | 200.8 | 36.3 | 76.3# |

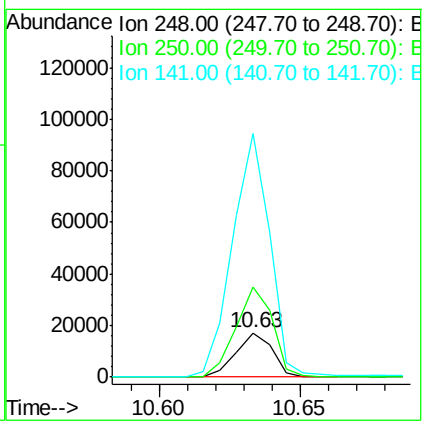


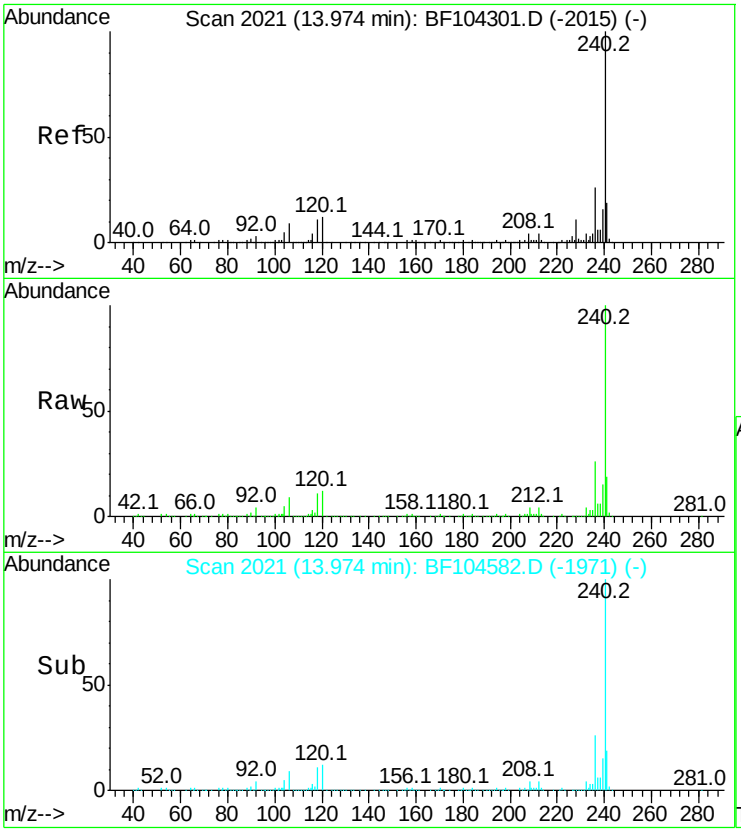




#66
4-Bromophenyl-phenylether
Concen: 3.938 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:248 Resp: 15567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 204.9 | 76.9 | 115.3# |
| 141 | 551.5 | 74.4 | 111.6# |



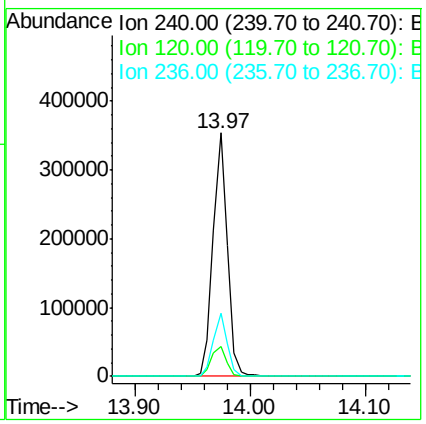


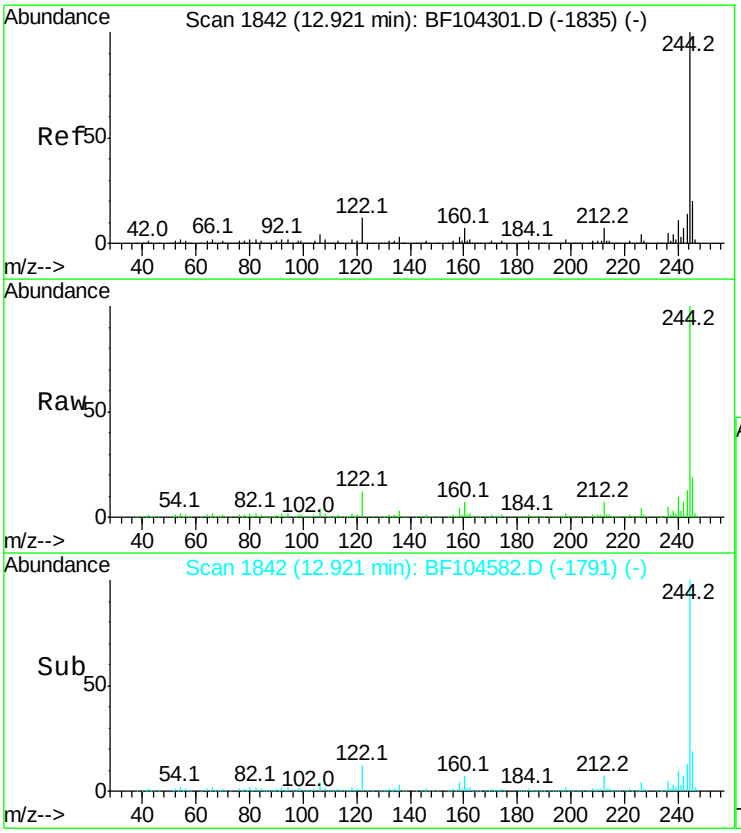

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:240 Resp: 305097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.4 | 9.5 | 14.3 |
| 236 | 25.7 | 20.7 | 31.1 |

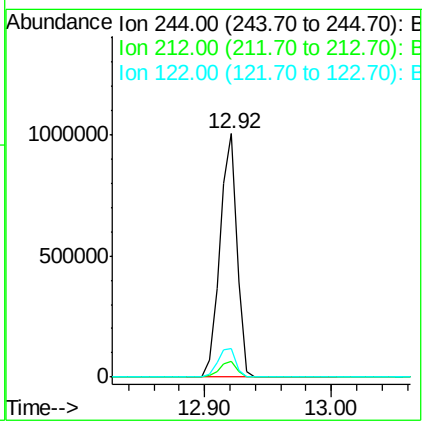


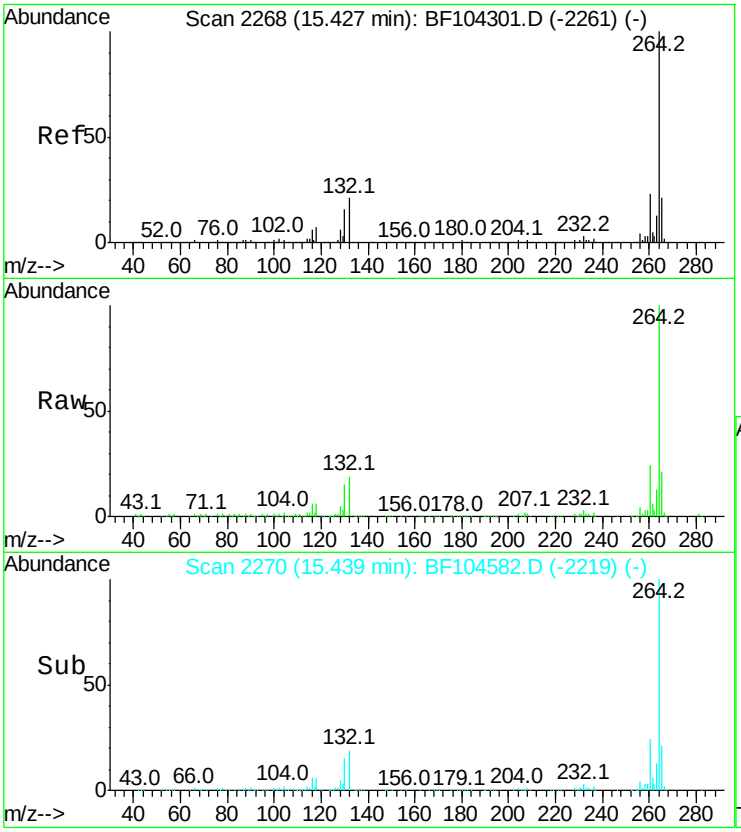




#78
Terphenyl-d14
Concen: 70.700 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:244 Resp: 946143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.4 | 8.0 |
| 122 | 11.8 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

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

Tgt Ion:264 Resp: 214416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.2 | 28.8 |
| 265 | 21.5 | 17.5 | 26.3 |