Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093796.D
Acq On : 21 Mar 2017 14:19
Operator : SJ/MA
Sample : I2263-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-105D

Quant Time: Mar 22 00:51:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 178816 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 706493 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.86 | 164 | 347169 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.34 | 188 | 597278 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 428187 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.37 | 264 | 298598 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 606832 | 59.34 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 458961 | 36.32 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 1042373 | 83.70 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 392439 | 145.94 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.19 | 172 | 1867689 | 90.46 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.93 | 244 | 1506231 | 71.72 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.60 | 77 | 25462 | 2.85 | ng | | 86 |
| 10) Phenol | 6.46 | 94 | 67472 | 4.75 | ng | | 96 |
| 15) Benzyl Alcohol | 6.98 | 79 | 26117 | 2.79 | ng | # | 41 |
| 17) 2-Methylphenol | 7.08 | 107 | 40456 | 4.10 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 25319 | 2.17 | ng | # | 70 |
| 22) Acetophenone | 7.22 | 105 | 43286 | 2.83 | ng | # | 98 |
| 25) Isophorone | 7.38 | 82 | 817906 | 37.07 | ng | # | 67 |
| 35) Caprolactam | 8.54 | 113 | 6527 | 2.21 | ng | # | 23 |
| 50) 2,6-Dinitrotoluene | 9.62 | 165 | 27667 | 5.10 | ng | # | 37 |
| 56) 2,4-Dinitrotoluene | 9.86 | 165 | 45303 | 6.58 | ng | # | 34 |
| 66) 4-Bromophenyl-phenylether | 10.65 | 248 | 24638 | 4.29 | ng | # | 1 |

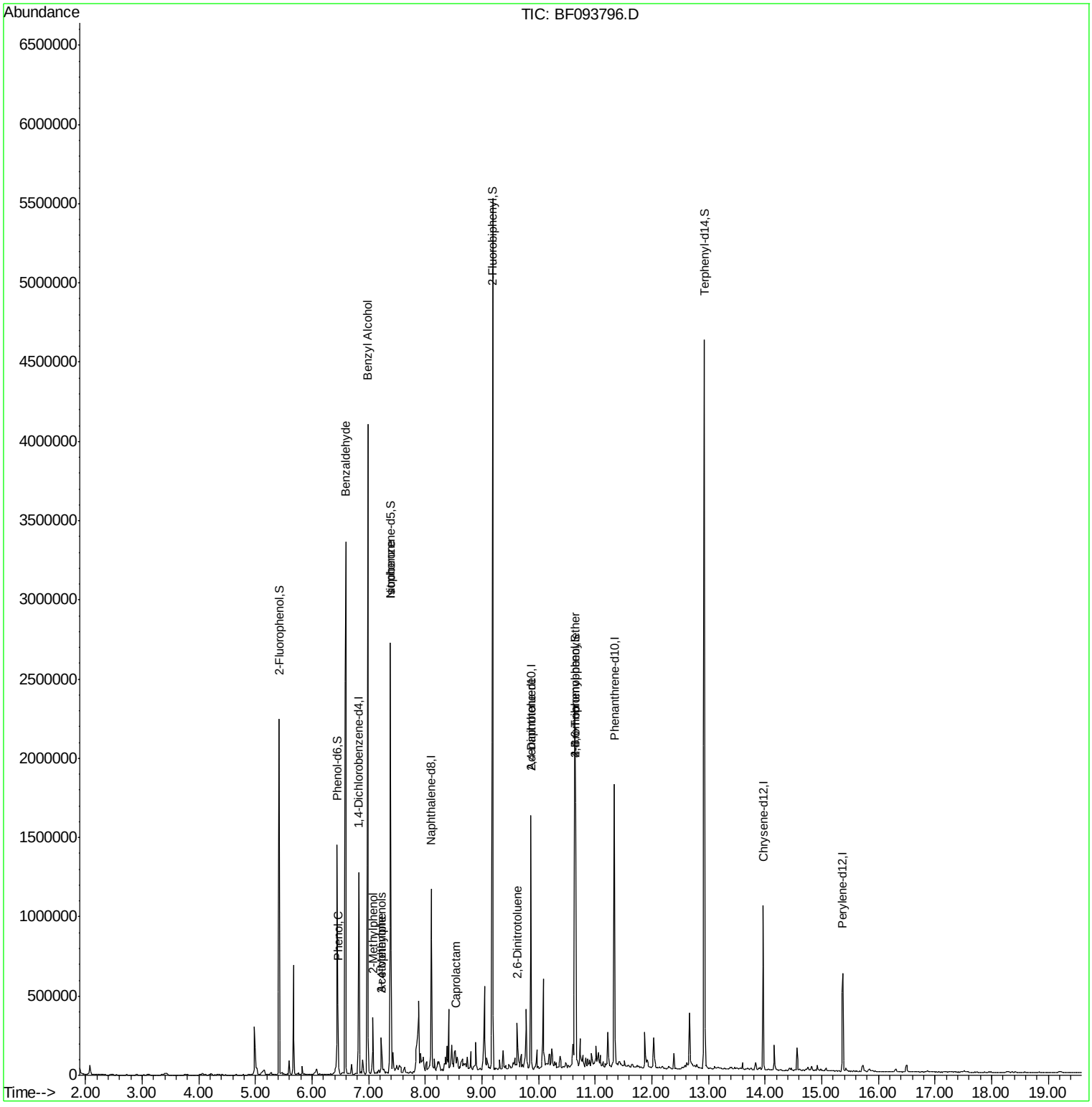
(#) = qualifier out of range (m) = manual integration (+) = signals summed

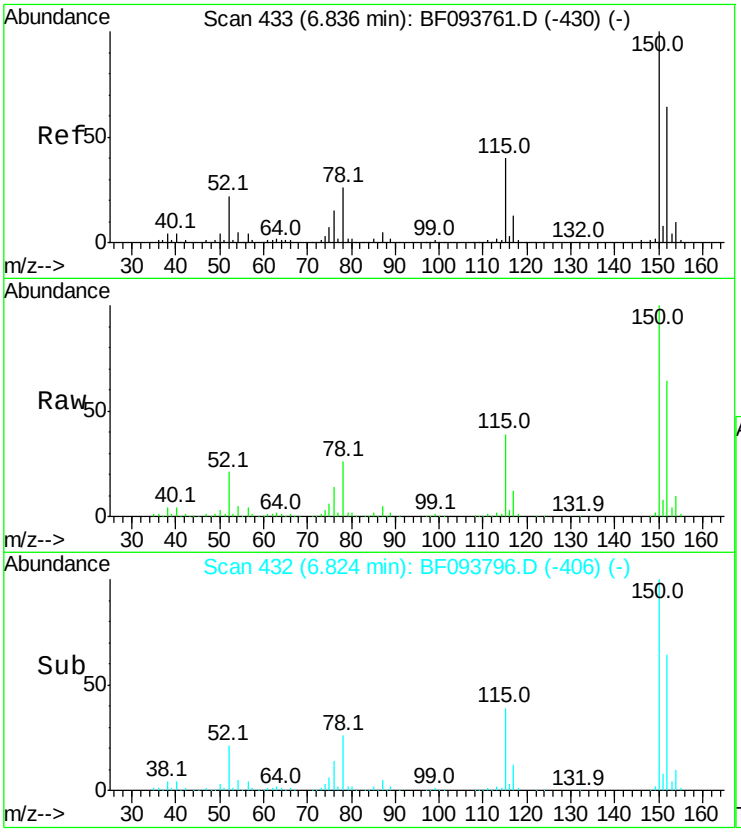
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093796.D
Acq On : 21 Mar 2017 14:19
Operator : SJ/MA
Sample : I2263-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Quant Time: Mar 22 00:51:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration



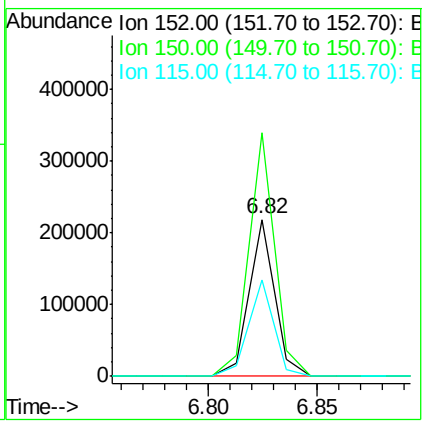


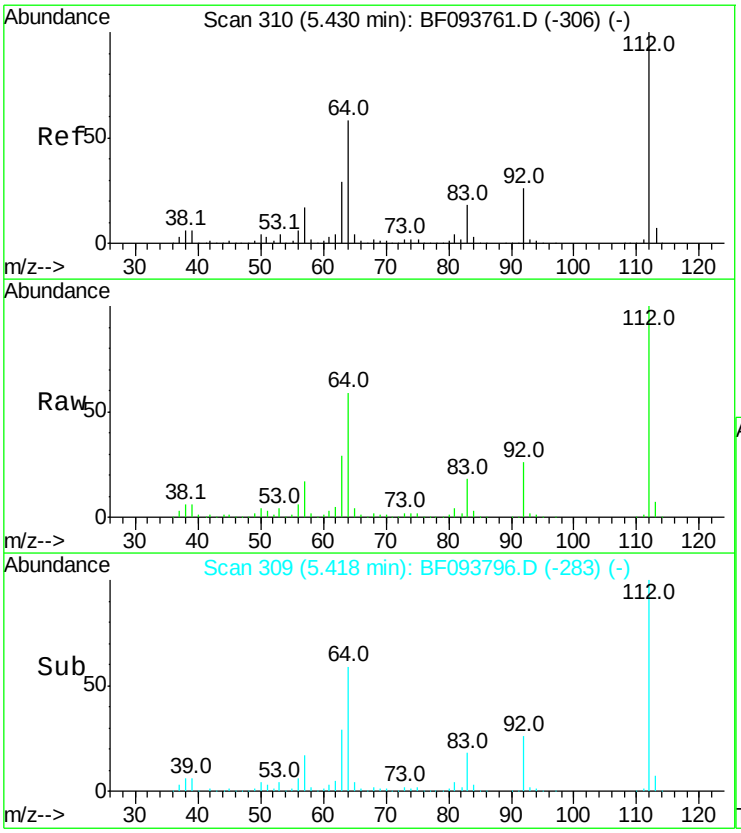

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:152 Resp: 178816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 126.2 | 189.2 |
| 115 | 61.2 | 52.2 | 78.2 |

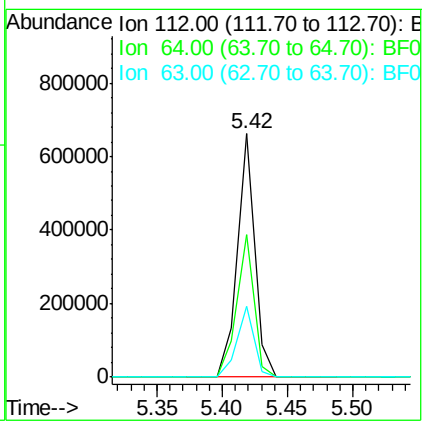


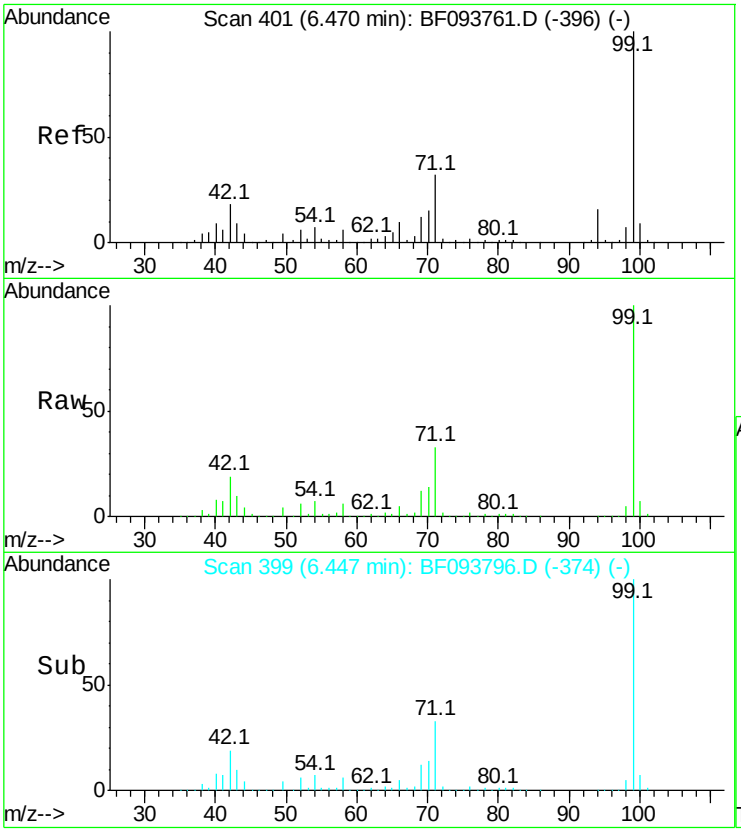




#5
2-Fluorophenol
Concen: 59.34 ng
RT: 5.42 min Scan# 309
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:112 Resp: 606832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.5 | 46.0 | 69.0 |
| 63 | 29.2 | 23.4 | 35.0 |



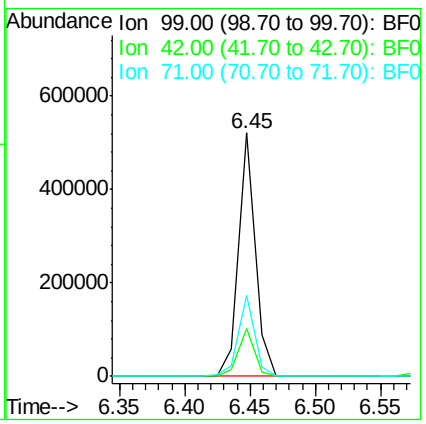


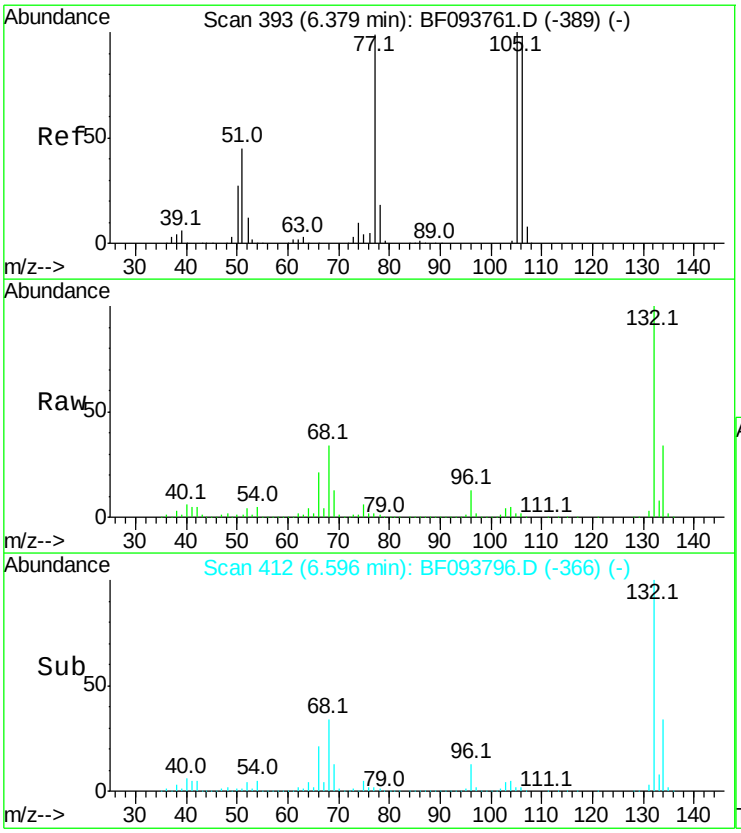

#7
Phenol-d6
Concen: 36.32 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion: 99 Resp: 458961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.5 | 13.5 | 20.3 |
| 71 | 33.3 | 24.5 | 36.7 |

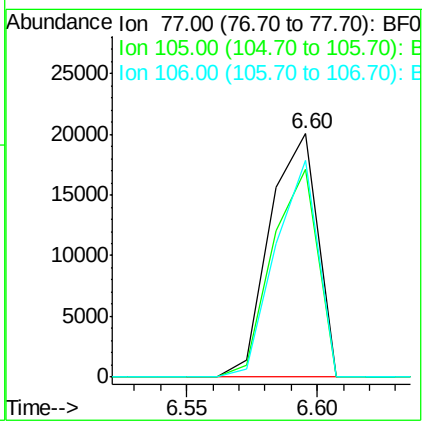


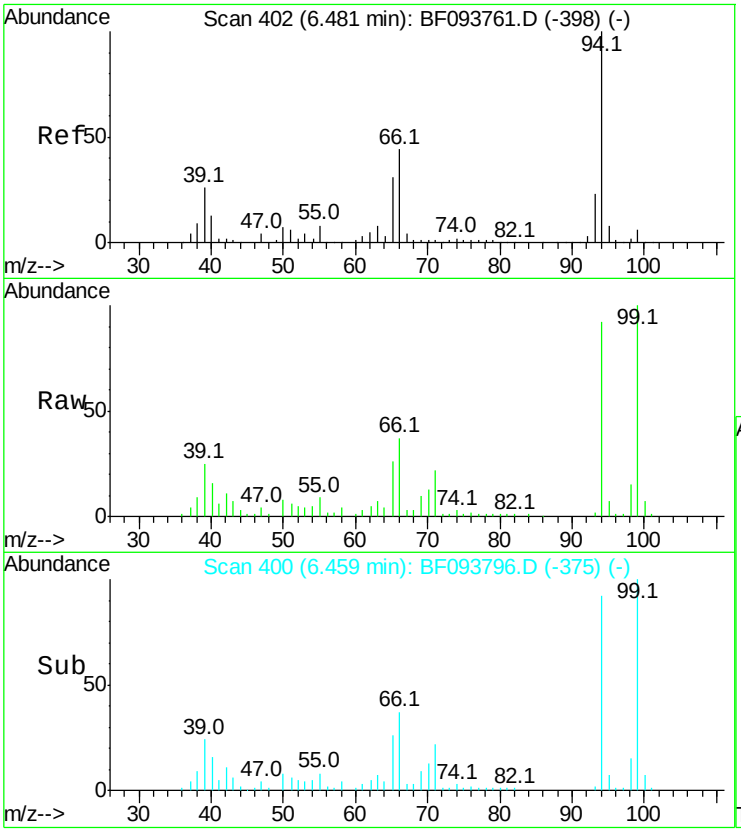




#9
Benzaldehyde
Concen: 2.85 ng
RT: 6.60 min Scan# 412
Delta R.T. 0.23 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion: 77 Resp: 25462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 85.6 | 83.8 | 123.8 |
| 106 | 89.2 | 79.1 | 119.1 |



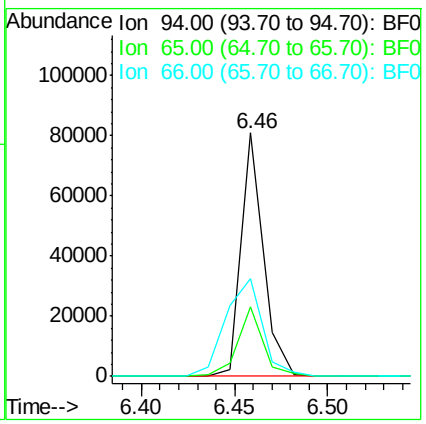


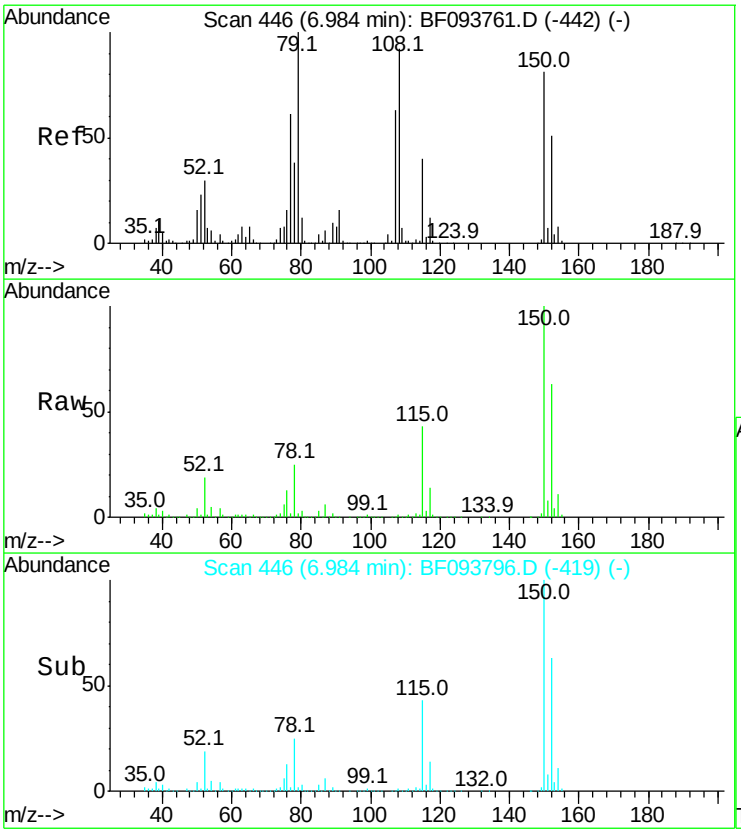

#10
Phenol
Concen: 4.75 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion: 94 Resp: 67472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.5 | 9.9 | 49.9 |
| 66 | 40.2 | 23.1 | 63.1 |

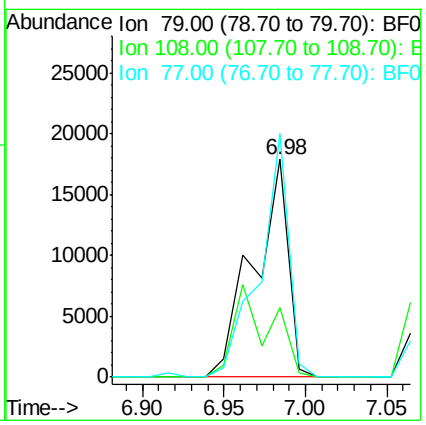


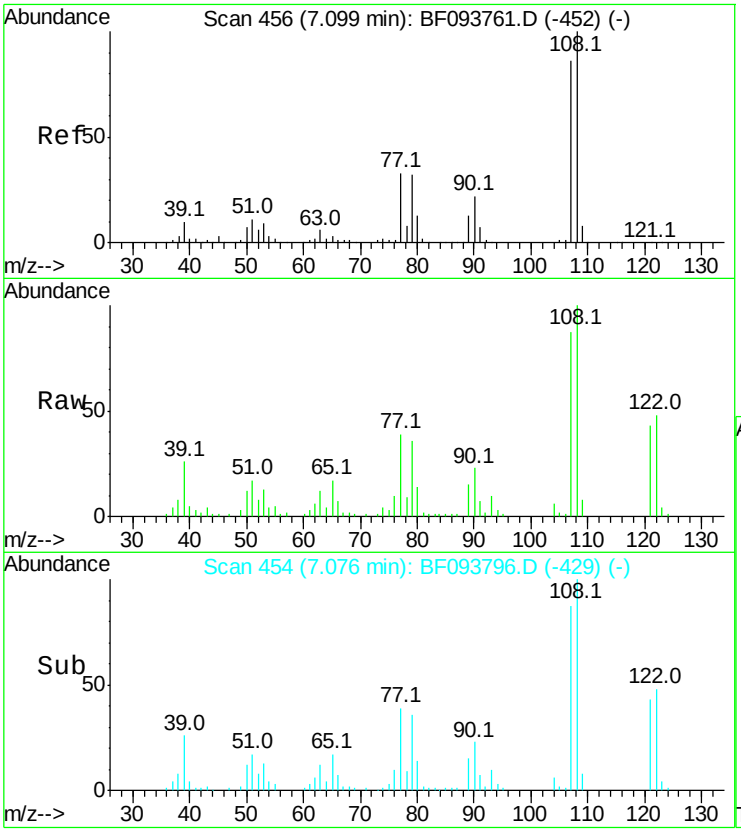




#15
Benzyl Alcohol
Concen: 2.79 ng
RT: 6.98 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion: 79 Resp: 26117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 32.0 | 63.4 | 95.0# |
| 77 | 112.0 | 49.2 | 73.8# |



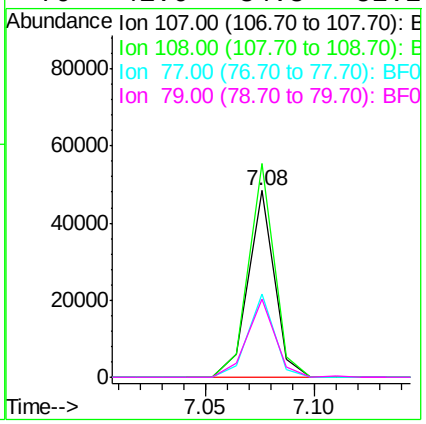


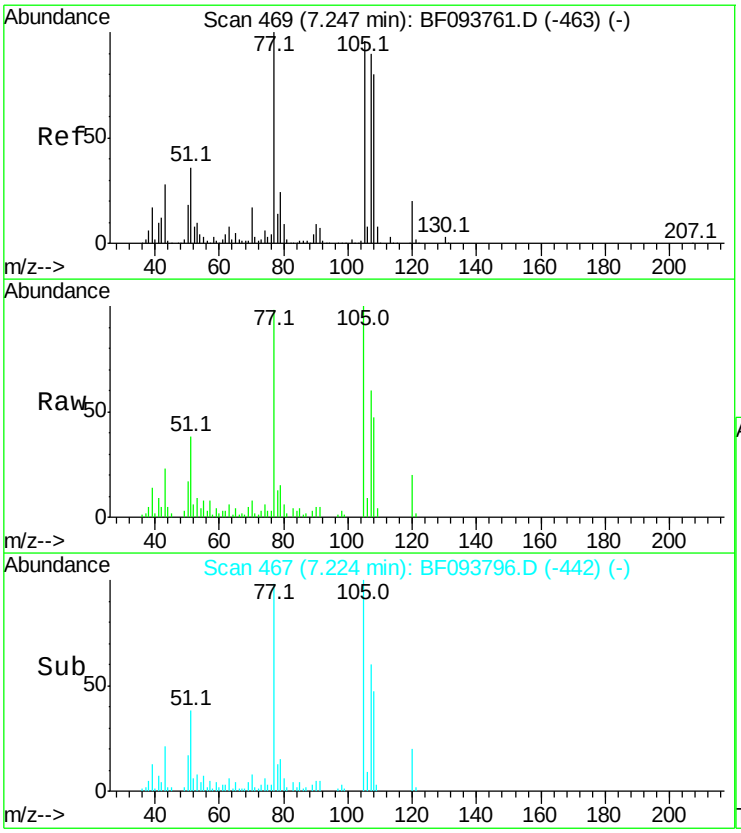

#17
2-Methylphenol
Concen: 4.10 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:107 Resp: 40456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.5 | 93.4 | 140.0 |
| 77 | 44.5 | 35.8 | 53.6 |
| 79 | 41.6 | 34.8 | 52.2 |

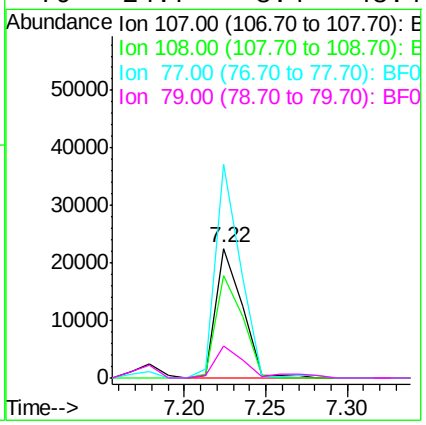


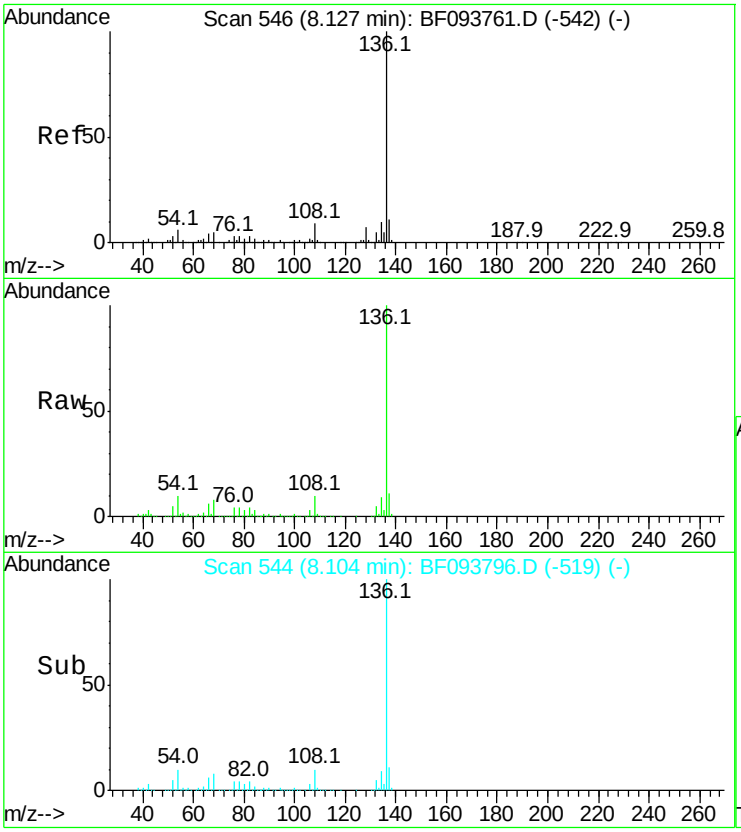




#20
3+4-Methylphenols
Concen: 2.17 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:107 Resp: 25319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 79.0 | 71.0 | 111.0 |
| 77 | 164.7 | 90.5 | 130.5# |
| 79 | 24.7 | 8.4 | 48.4 |



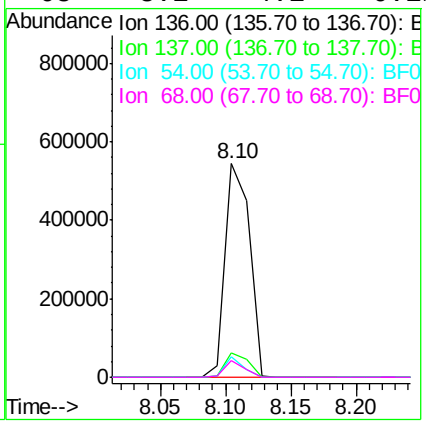


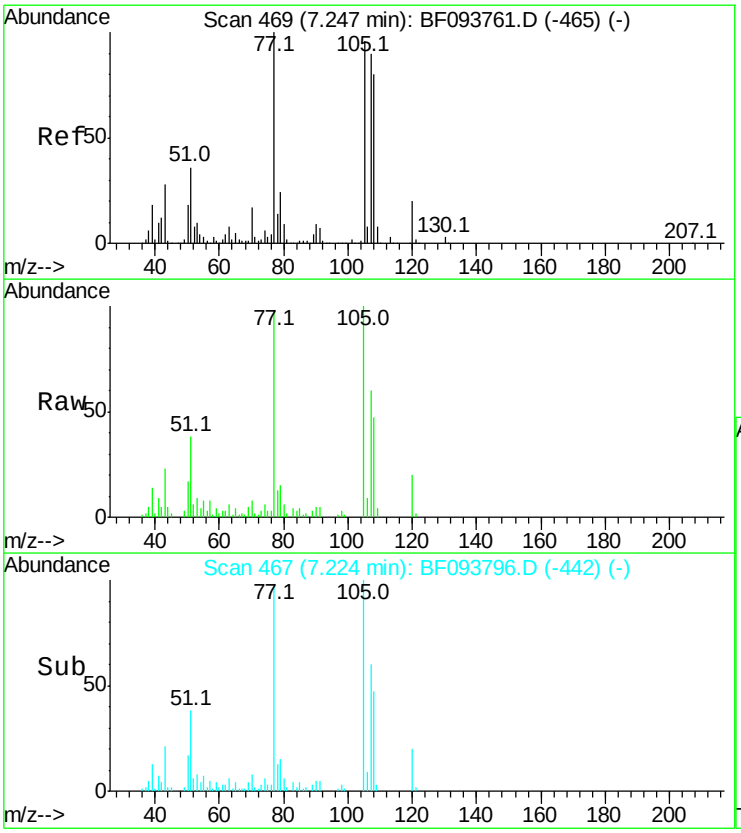

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:136 Resp: 706493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.5 | 12.7 |
| 54 | 9.9 | 4.9 | 7.3# |
| 68 | 8.1 | 4.1 | 6.1# |

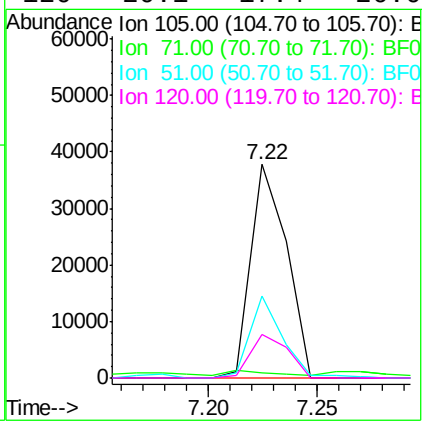


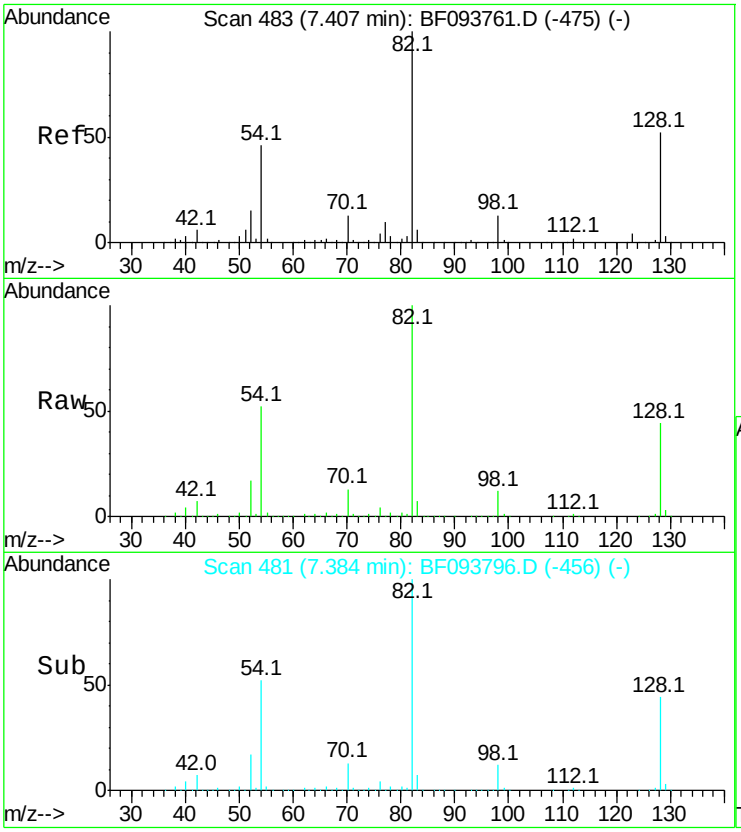




#22
Acetophenone
Concen: 2.83 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:105 Resp: 43286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.4 | 2.8 | 4.2# |
| 51 | 38.2 | 30.7 | 46.1 |
| 120 | 20.1 | 17.4 | 26.0 |



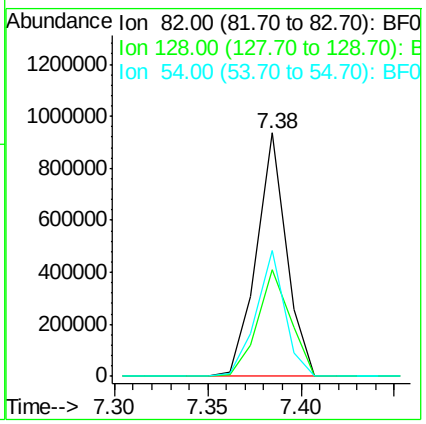


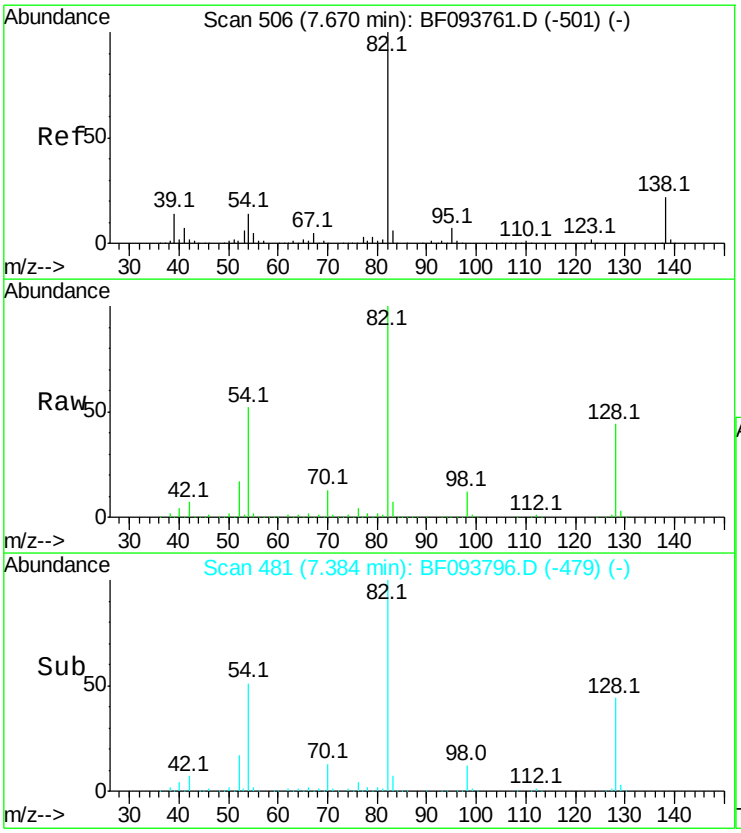

#23
Nitrobenzene-d5
Concen: 83.70 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion: 82 Resp: 1042373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 34.0 | 51.0 |
| 54 | 51.6 | 42.2 | 63.2 |

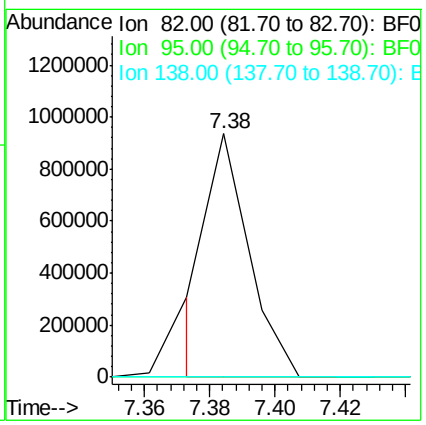


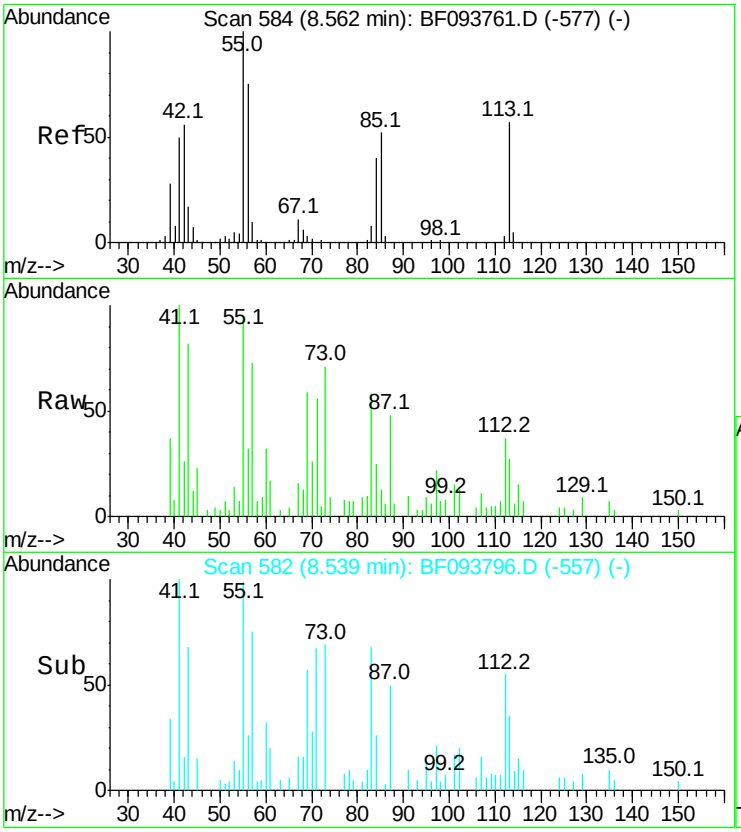




#25
Isophorone
Concen: 37.07 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.27 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion: 82 Resp: 817906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.3 | 7.9# |
| 138 | 0.0 | 13.1 | 19.7# |



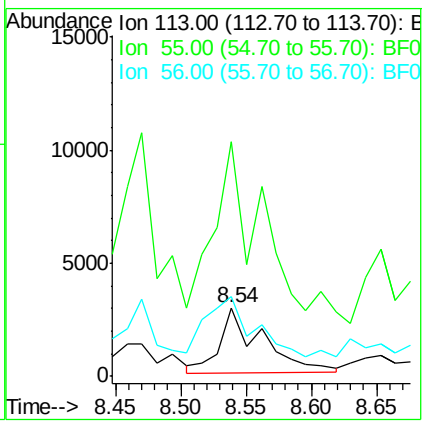


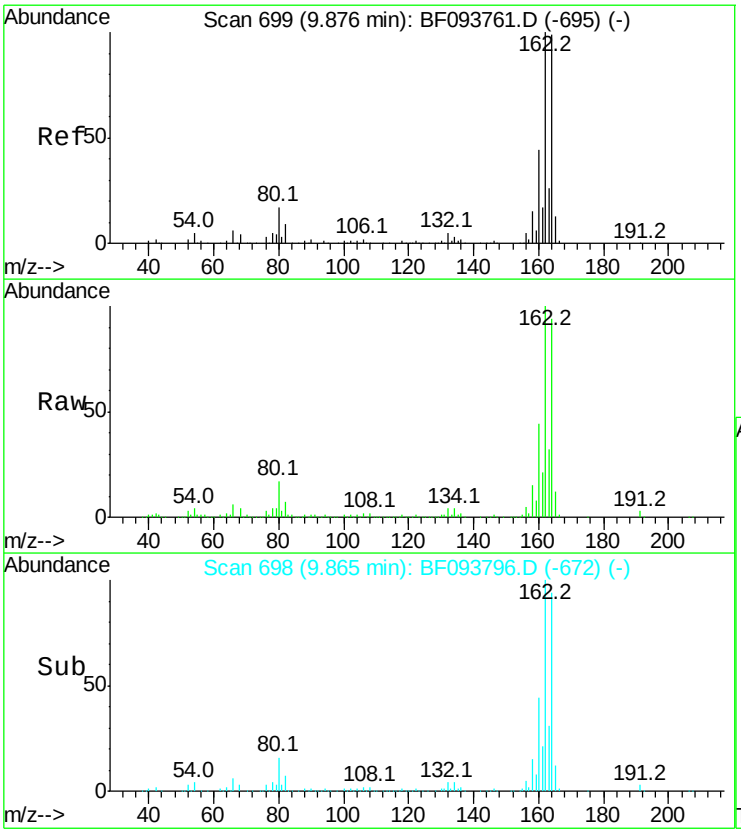

#35
Caprolactam
Concen: 2.21 ng
RT: 8.54 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:113 Resp: 6527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 343.7 | 150.2 | 190.2# |
| 56 | 116.0 | 107.8 | 147.8 |

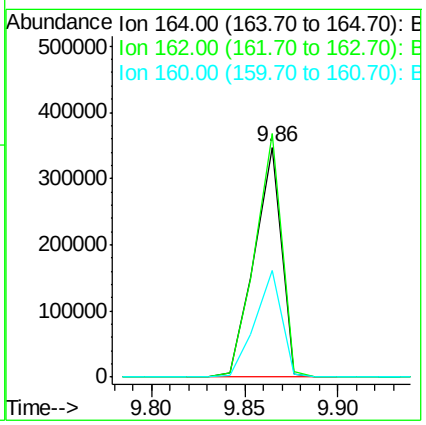


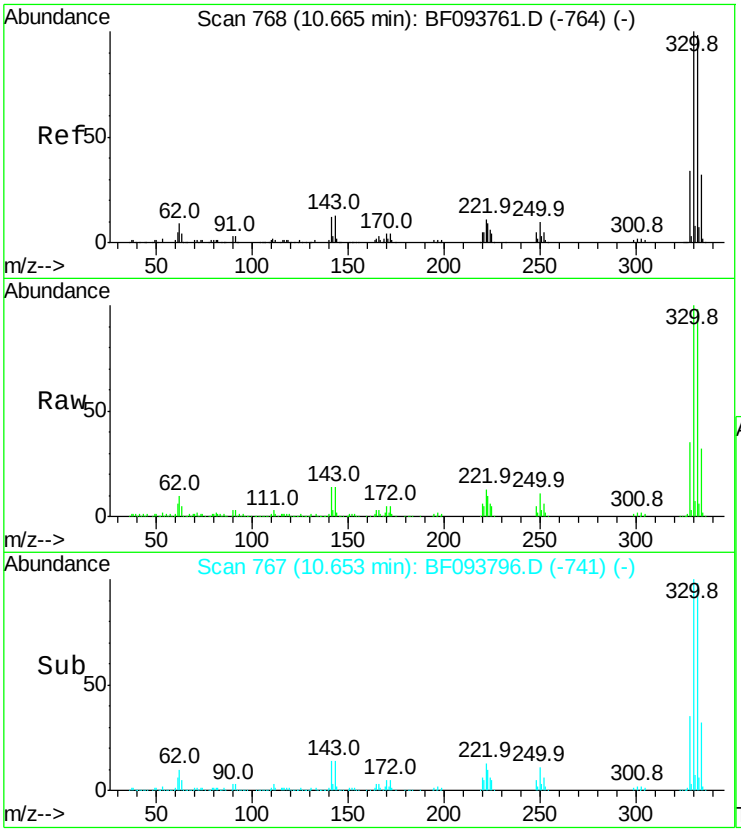




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:164 Resp: 347169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.9 | 82.6 | 123.8 |
| 160 | 46.3 | 36.2 | 54.2 |



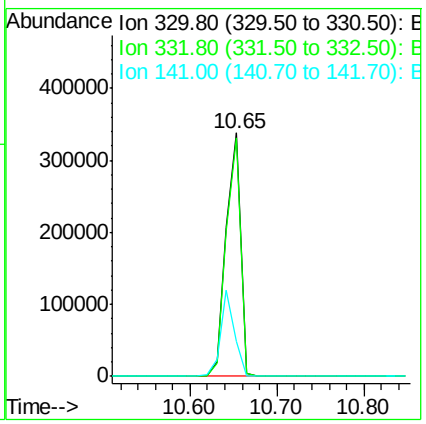


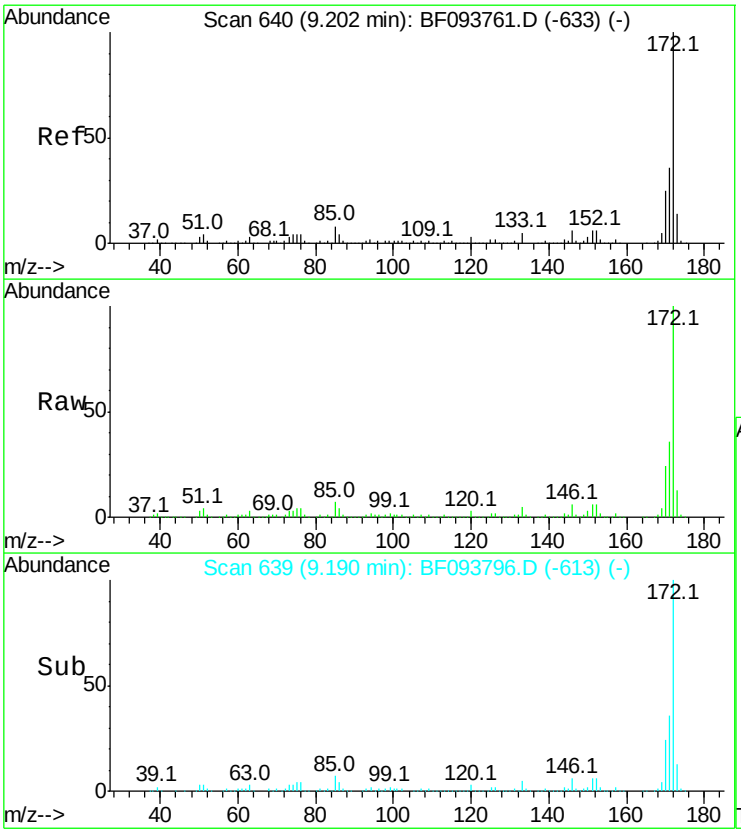

#41
2,4,6-Tribromophenol
Concen: 145.94 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:330 Resp: 392439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 76.6 | 115.0 |
| 141 | 34.0 | 31.4 | 47.2 |

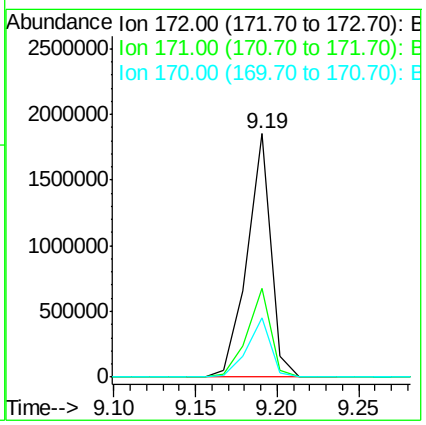


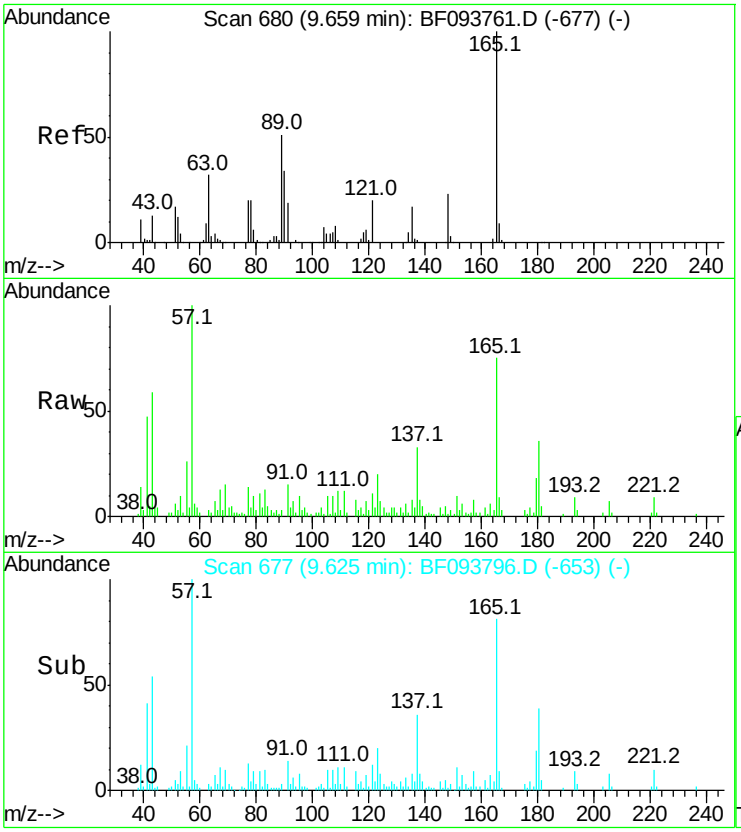




#44
2-Fluorobiphenyl
Concen: 90.46 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:172 Resp: 1867689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.6 | 44.4 |
| 170 | 24.3 | 19.8 | 29.8 |



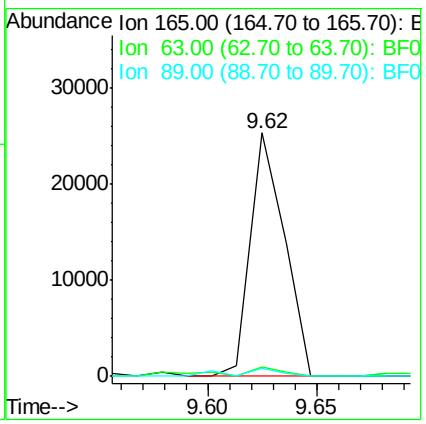


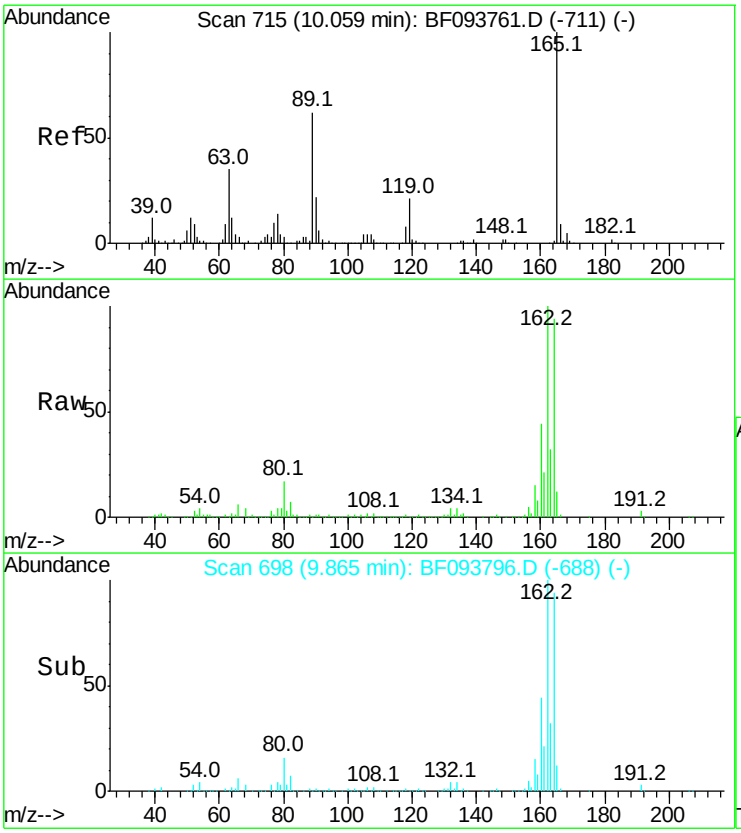

#50
2,6-Dinitrotoluene
Concen: 5.10 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:165 Resp: 27667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 3.7 | 34.3 | 51.5# |
| 89 | 3.5 | 37.1 | 55.7# |

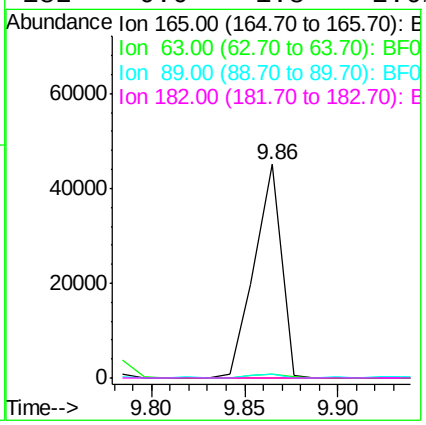


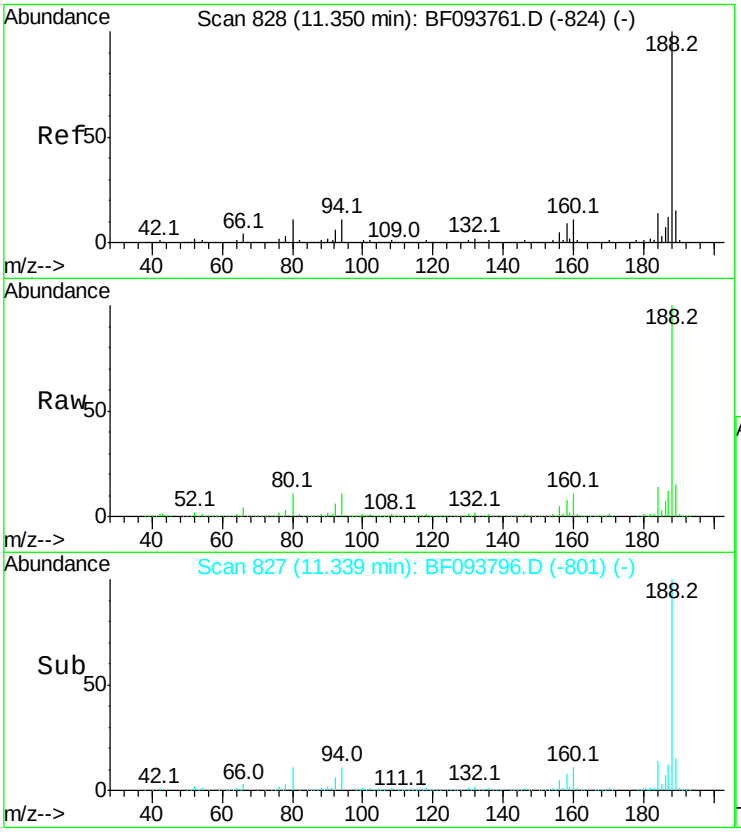




#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.18 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:165 Resp: 45303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 25.4 | 38.0# |
| 89 | 2.1 | 46.4 | 69.6# |
| 182 | 0.0 | 1.8 | 2.6# |



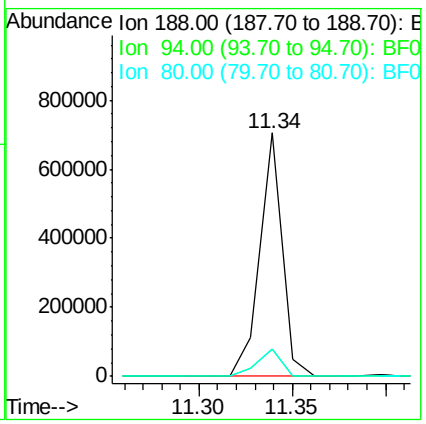


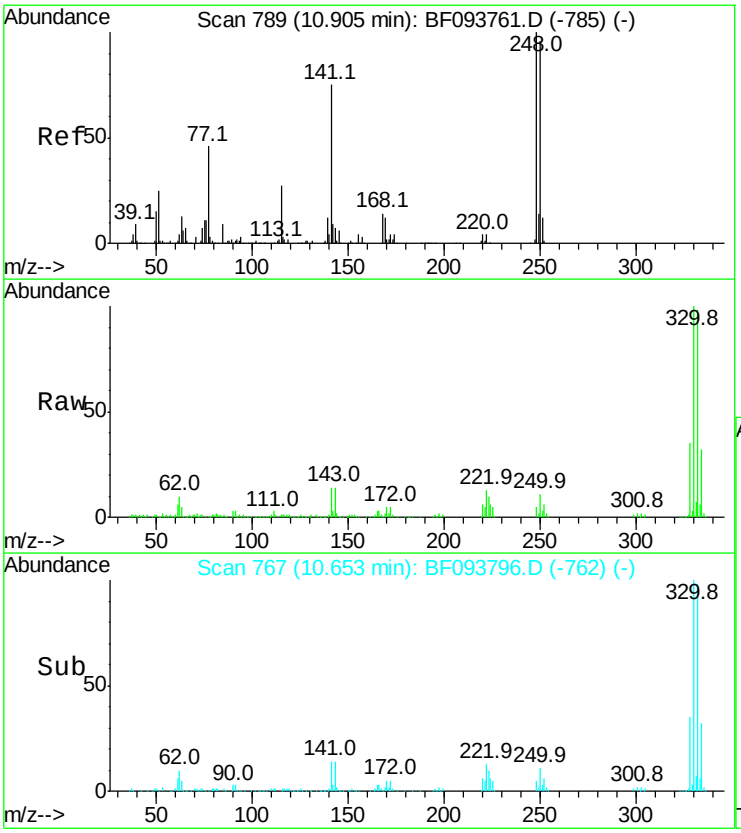

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:188 Resp: 597278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 9.4 | 14.2 |
| 80 | 11.2 | 10.2 | 15.2 |

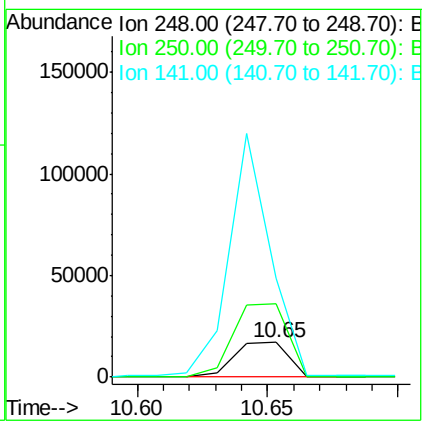


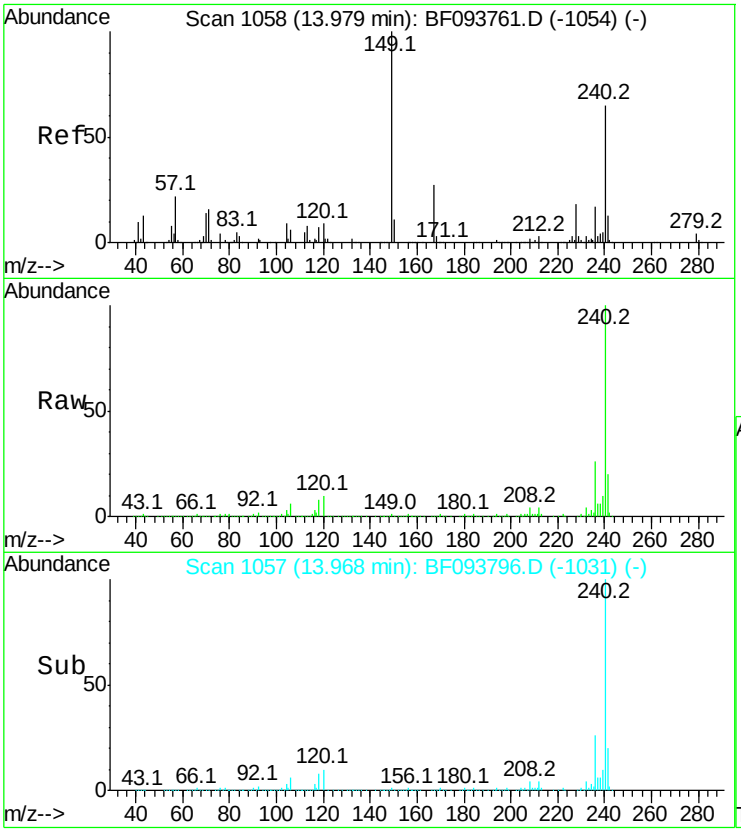




#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.24 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:248 Resp: 24638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 210.6 | 76.8 | 115.2# |
| 141 | 287.2 | 68.6 | 103.0# |



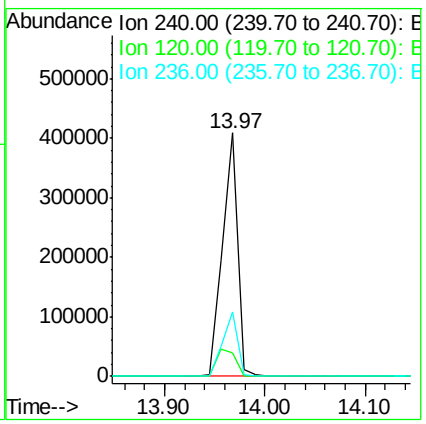


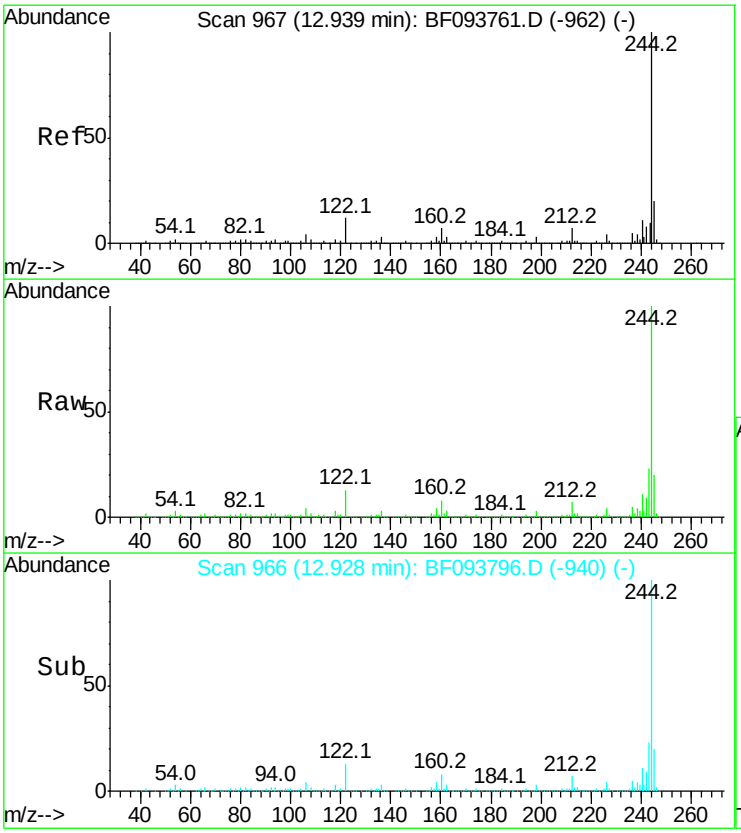

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:240 Resp: 428187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 5.8 | 8.8# |
| 236 | 26.2 | 20.5 | 30.7 |

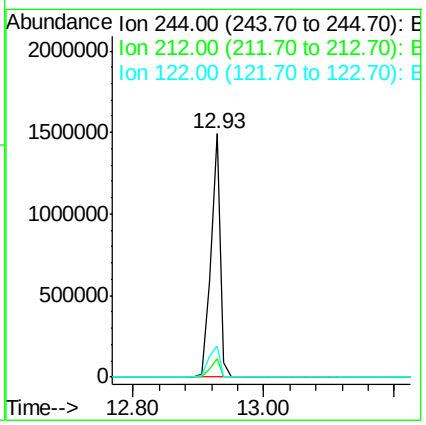


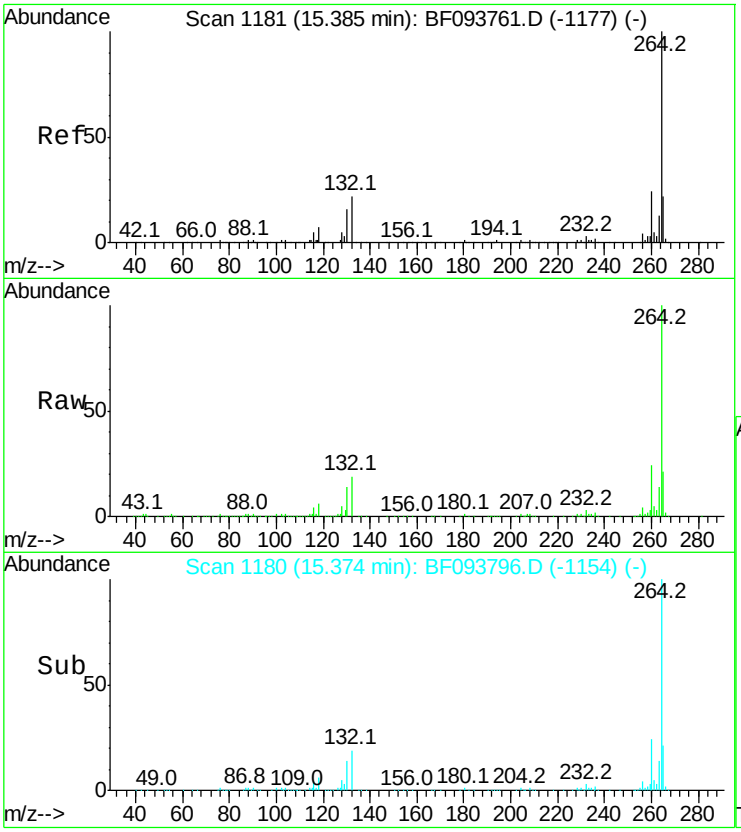




#78
Terphenyl-d14
Concen: 71.72 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

Tgt Ion:244 Resp: 1506231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.0 | 9.0 |
| 122 | 12.9 | 10.3 | 15.5 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093796.D
Acq: 21 Mar 2017 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
MW-105D

Tgt Ion:264 Resp: 298598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.5 | 29.3 |
| 265 | 20.6 | 17.2 | 25.8 |