Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109008.D
Acq On : 14 Sep 2018 21:19
Operator : JU/SJ
Sample : J4892-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PR-MW-04-091218

Quant Time: Sep 15 00:10:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 160171 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 628991 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 311220 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 618893 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.85 | 240 | 507523 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.25 | 264 | 447287 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.32 | 112 | 408311 | 42.34 | ng | 0.00 |
| 7) Phenol-d6 | 6.34 | 99 | 329073 | 26.46 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 786466 | 70.13 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 342619 | 101.44 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 1381834 | 69.56 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.81 | 244 | 1548578 | 72.32 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.48 | 77 | 18245 | 2.297 | ng | # 72 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 106217 | 12.922 | ng | # 77 |
| 25) Isophorone | 7.28 | 82 | 781689 | 40.550 | ng | # 64 |
| 49) Dimethylphthalate | 9.47 | 163 | 248471 | 11.170 | ng | 98 |
| 56) 2,4-Dinitrotoluene | 9.75 | 165 | 39423 | 6.111 | ng | # 23 |
| 66) 4-Bromophenyl-phenylether | 10.54 | 248 | 20935 | 3.000 | ng | # 1 |

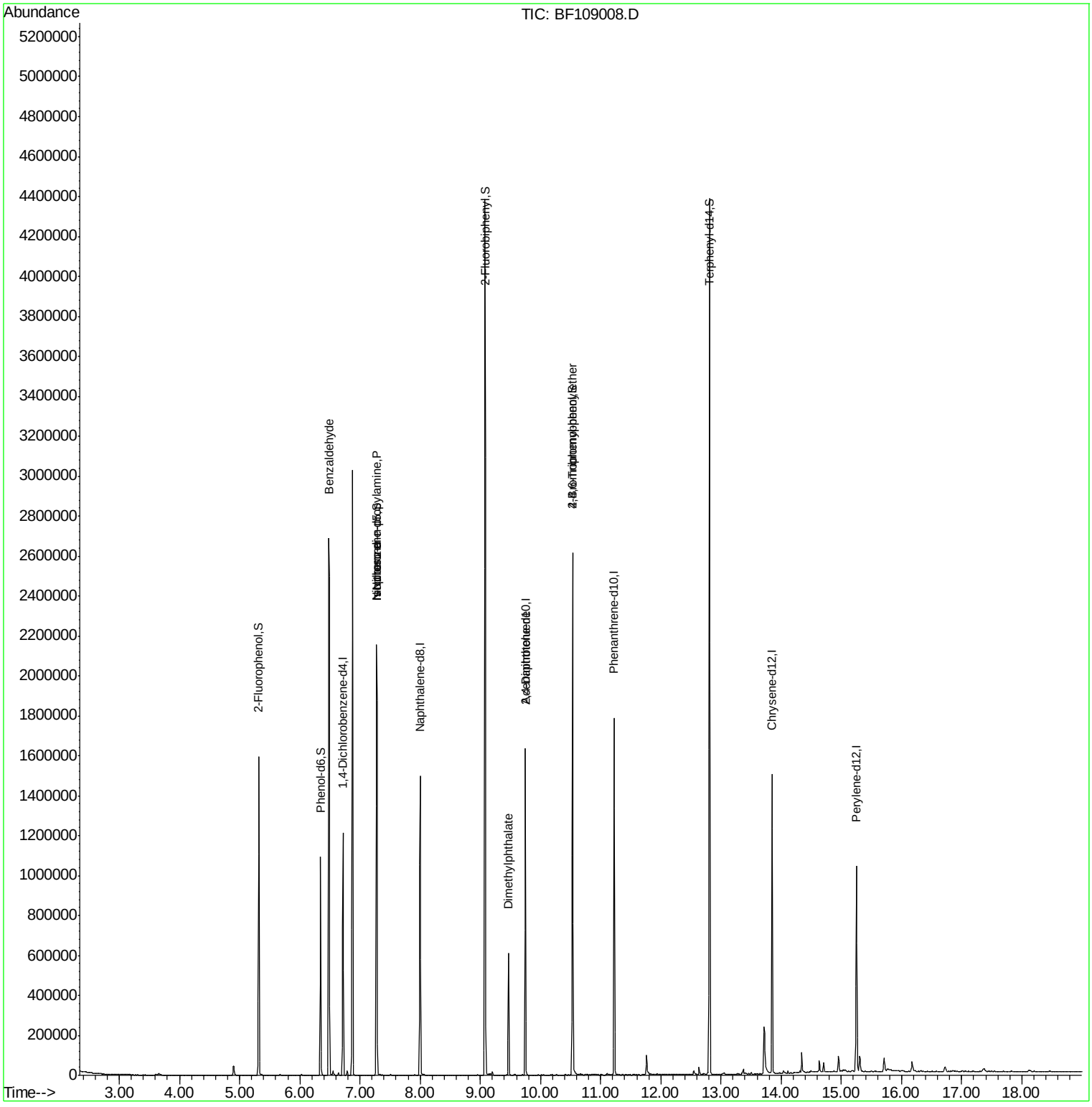
(#) = qualifier out of range (m) = manual integration (+) = signals summed

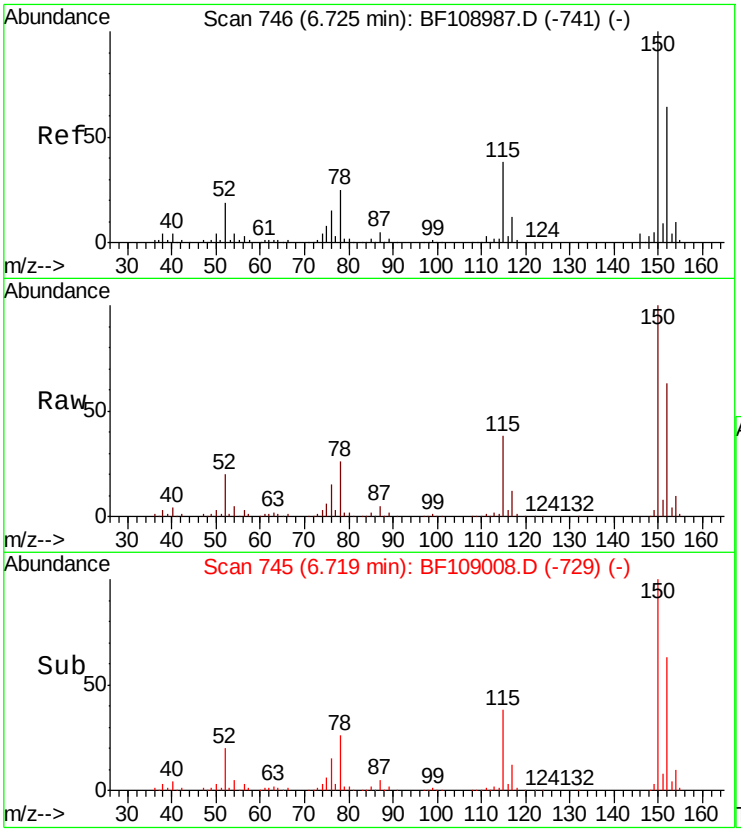
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109008.D
Acq On : 14 Sep 2018 21:19
Operator : JU/SJ
Sample : J4892-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Quant Time: Sep 15 00:10:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



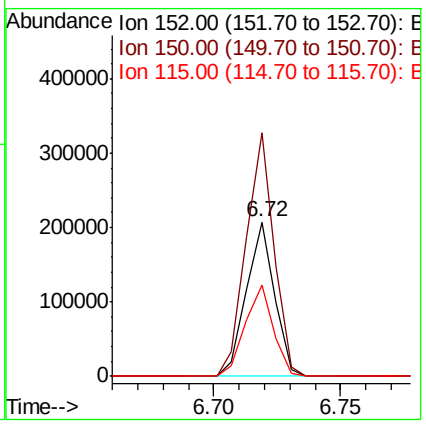


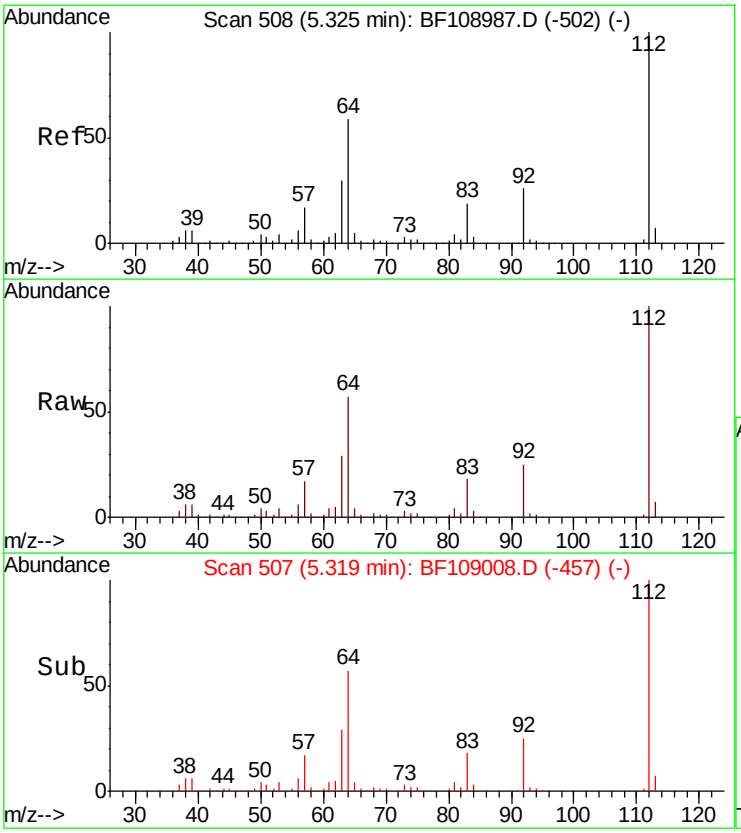

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion:152 Resp: 160171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 124.6 | 186.8 |
| 115 | 59.3 | 50.1 | 75.1 |

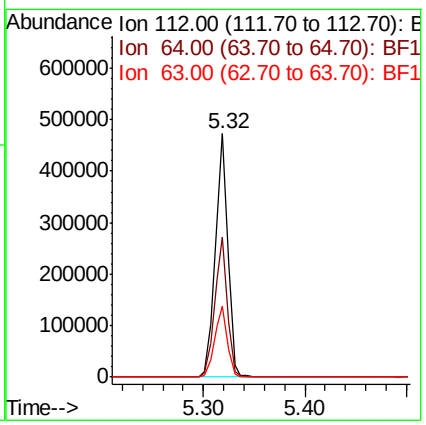


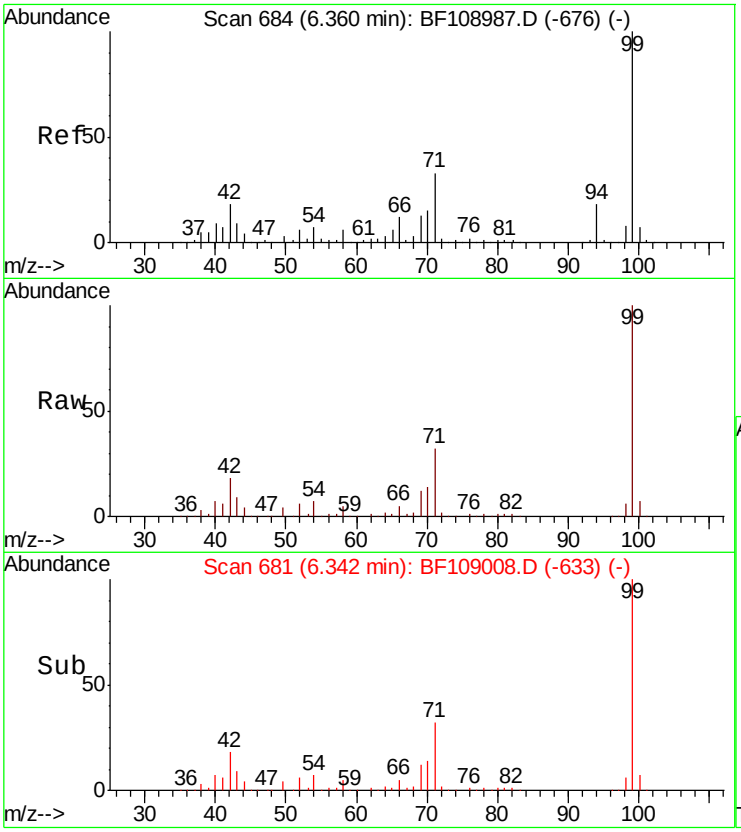




#5
2-Fluorophenol
Concen: 42.340 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:112 Resp: 408311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.5 | 47.9 | 71.9 |
| 63 | 29.2 | 23.7 | 35.5 |



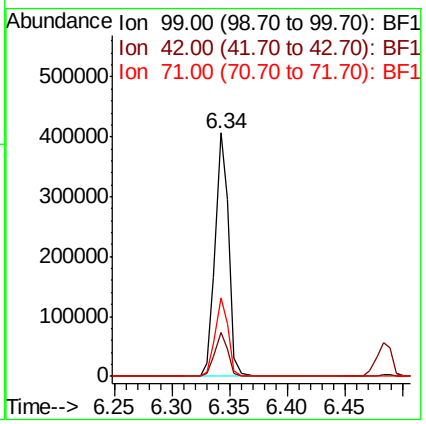


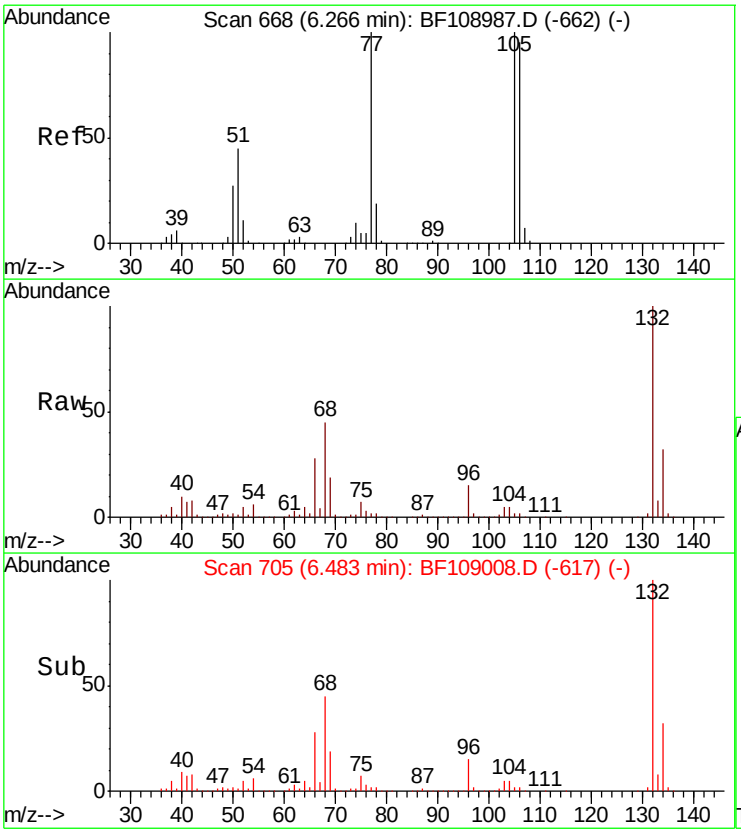

#7
Phenol-d6
Concen: 26.463 ng
RT: 6.34 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion: 99 Resp: 329073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.9 | 14.5 | 21.7 |
| 71 | 32.4 | 25.4 | 38.0 |

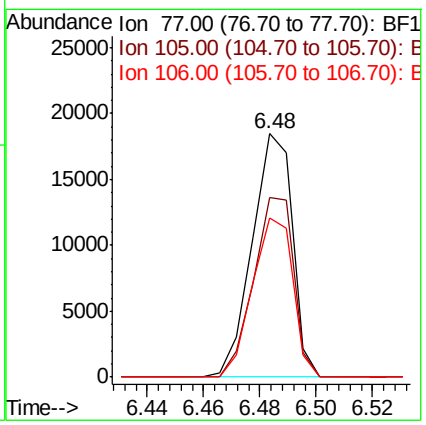


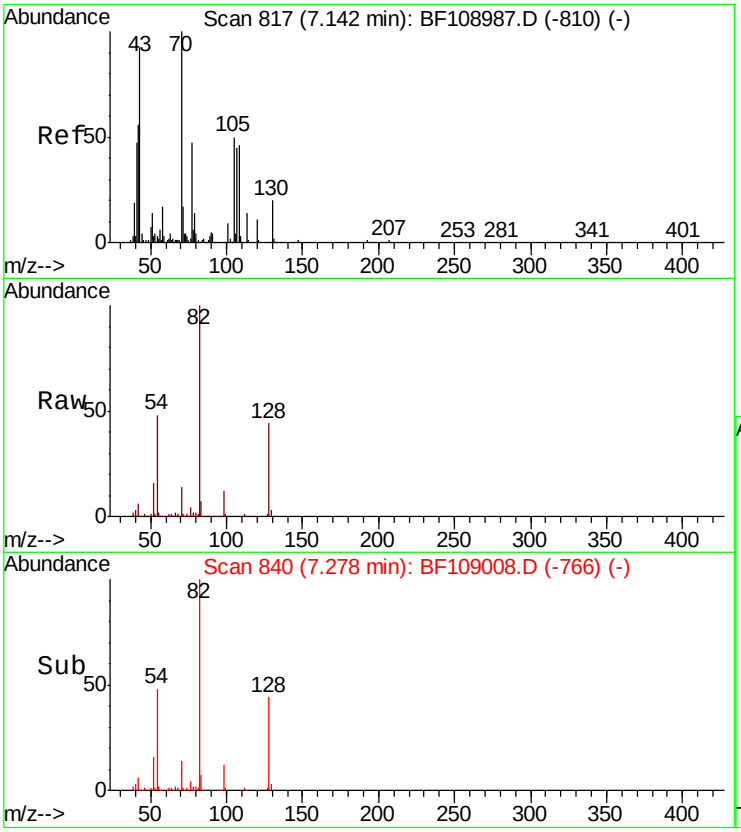




#9
Benzaldehyde
Concen: 2.297 ng
RT: 6.48 min Scan# 705
Delta R.T. 0.22 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion: 77 Resp: 18245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 74.0 | 81.1 | 121.1# |
| 106 | 65.5 | 74.5 | 114.5# |



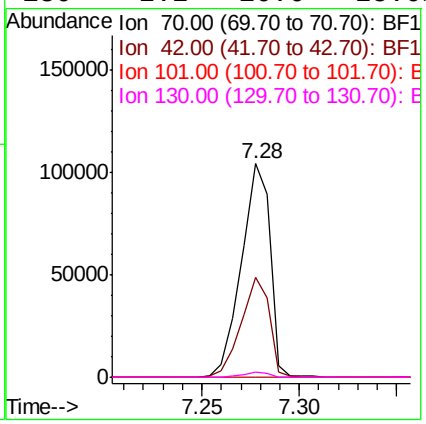


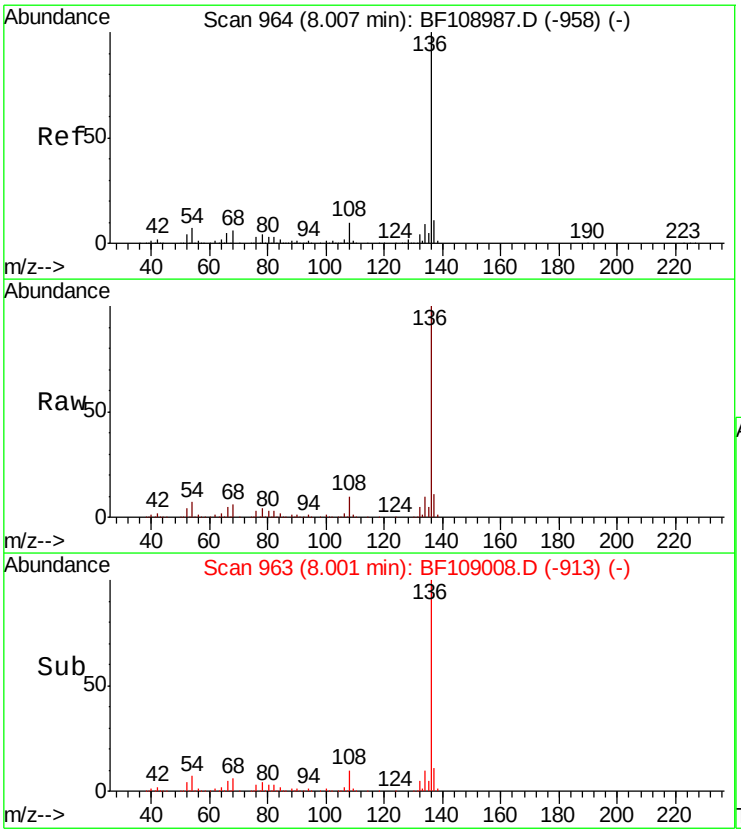

#19
n-Nitroso-di-n-propylamine
Concen: 12.922 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion: 70 Resp: 106217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.8 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.2 | 16.6 | 25.0# |

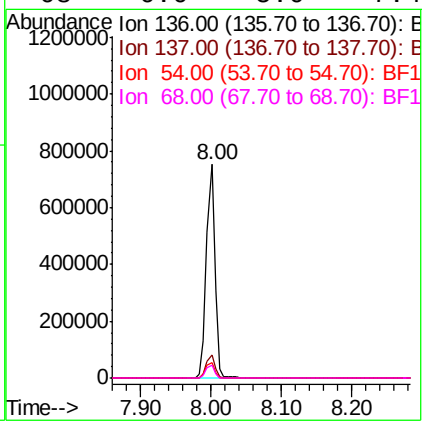


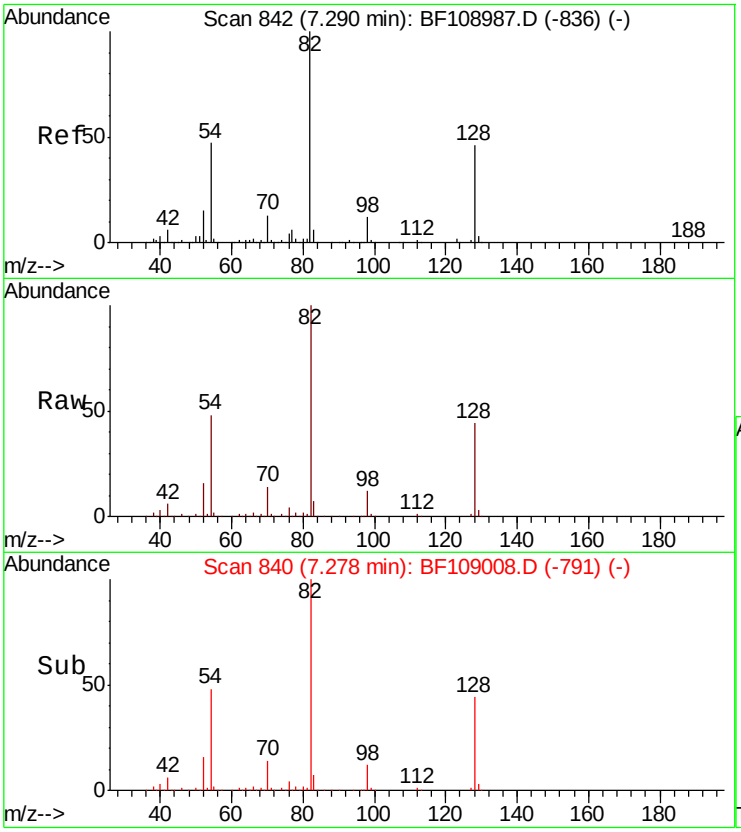




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:136 Resp: 628991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 7.1 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |



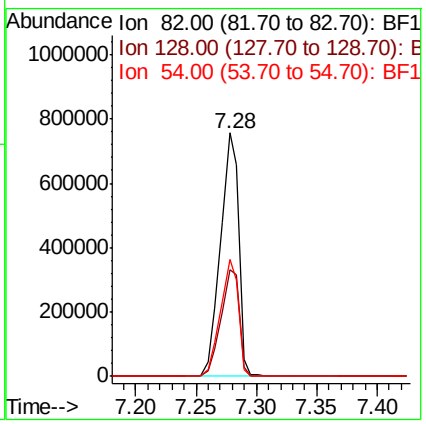


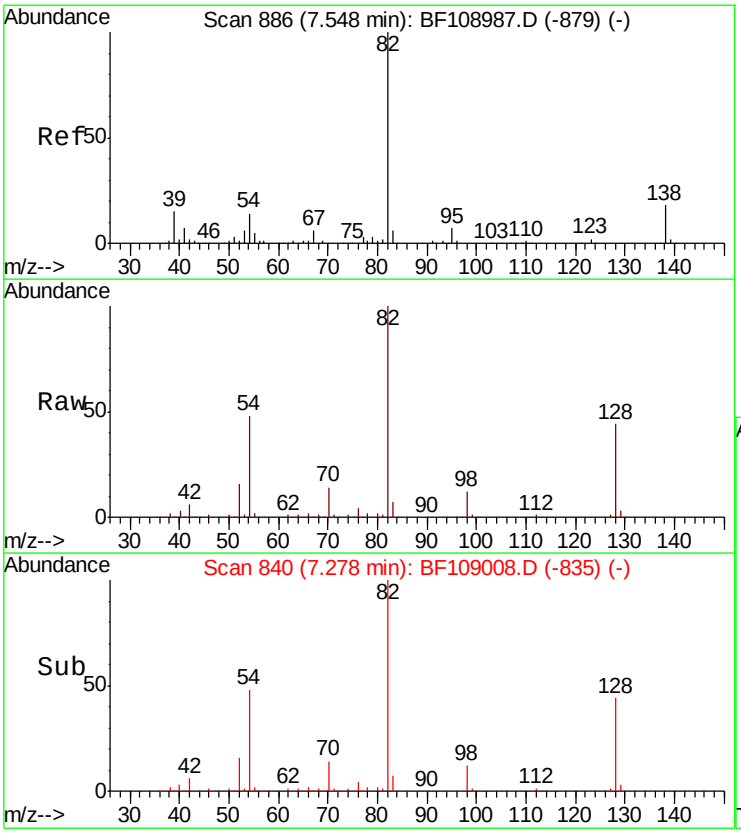

#23
Nitrobenzene-d5
Concen: 70.131 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion: 82 Resp: 786466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 36.1 | 54.1 |
| 54 | 48.2 | 41.4 | 62.2 |

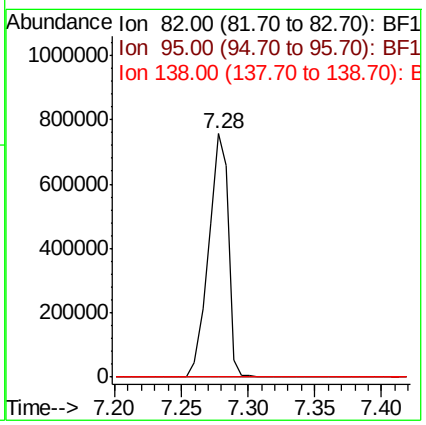


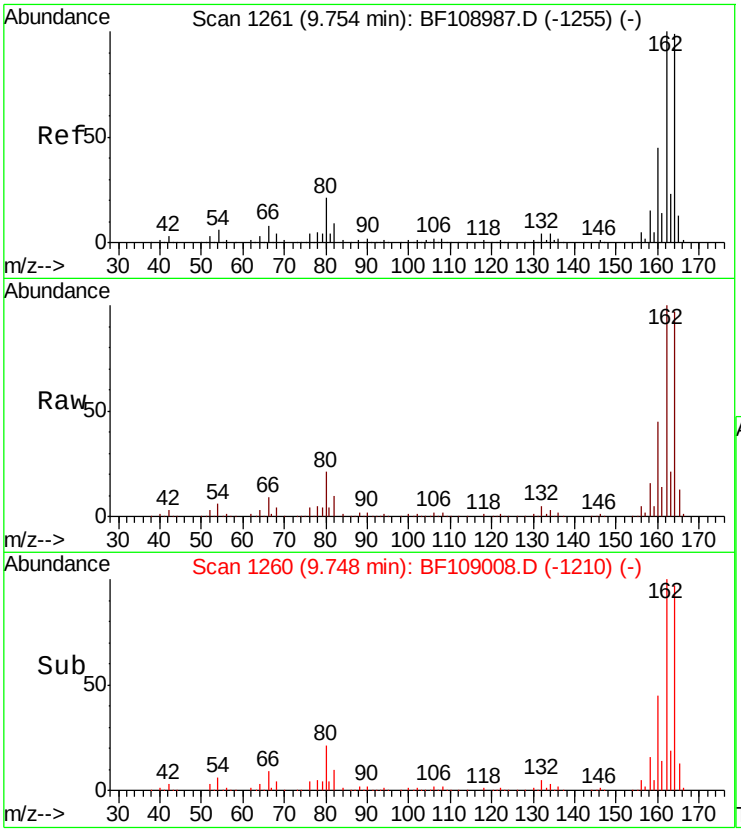




#25
Isophorone
Concen: 40.550 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion: 82 Resp: 781689

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



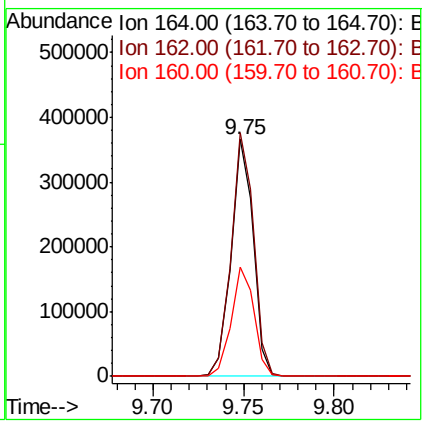


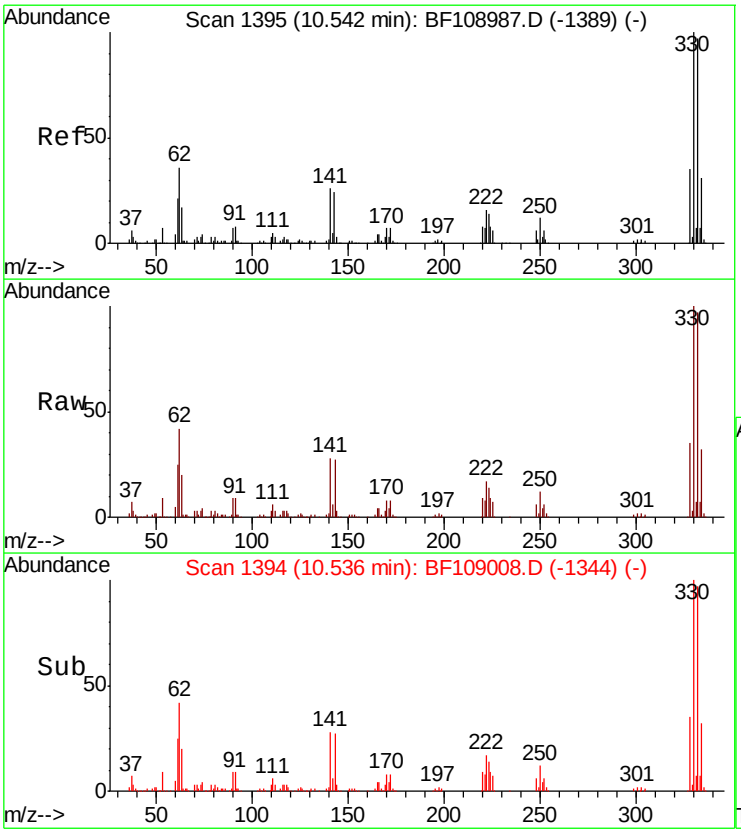

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion:164 Resp: 311220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 86.1 | 129.1 |
| 160 | 46.1 | 38.3 | 57.5 |

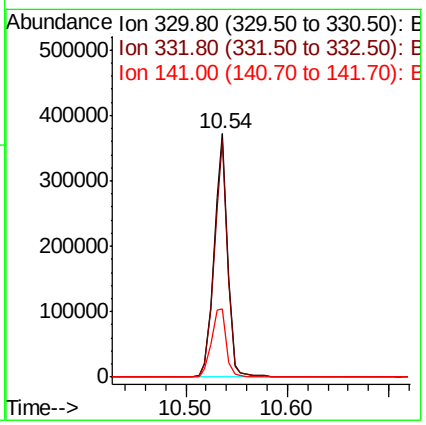


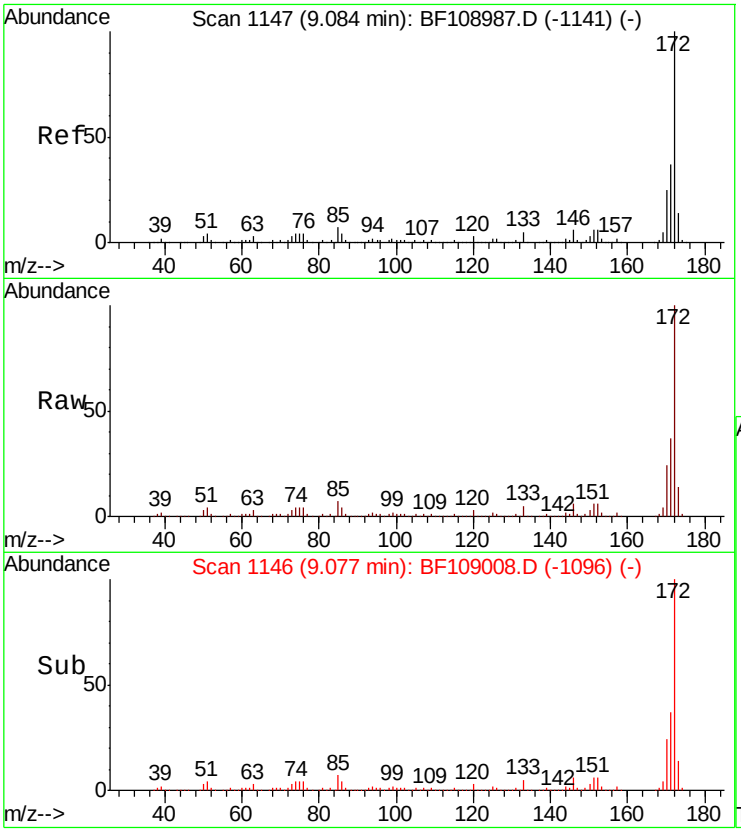




#41
2,4,6-Tribromophenol
Concen: 101.440 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:330 Resp: 342619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 31.5 | 29.9 | 44.9 |



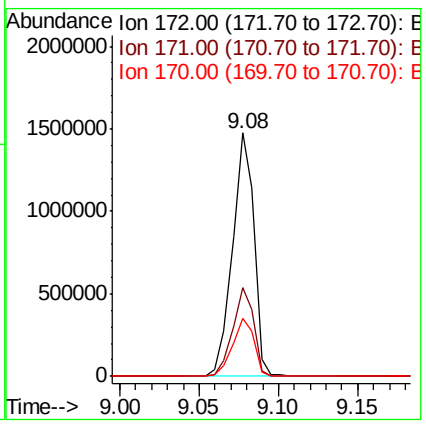


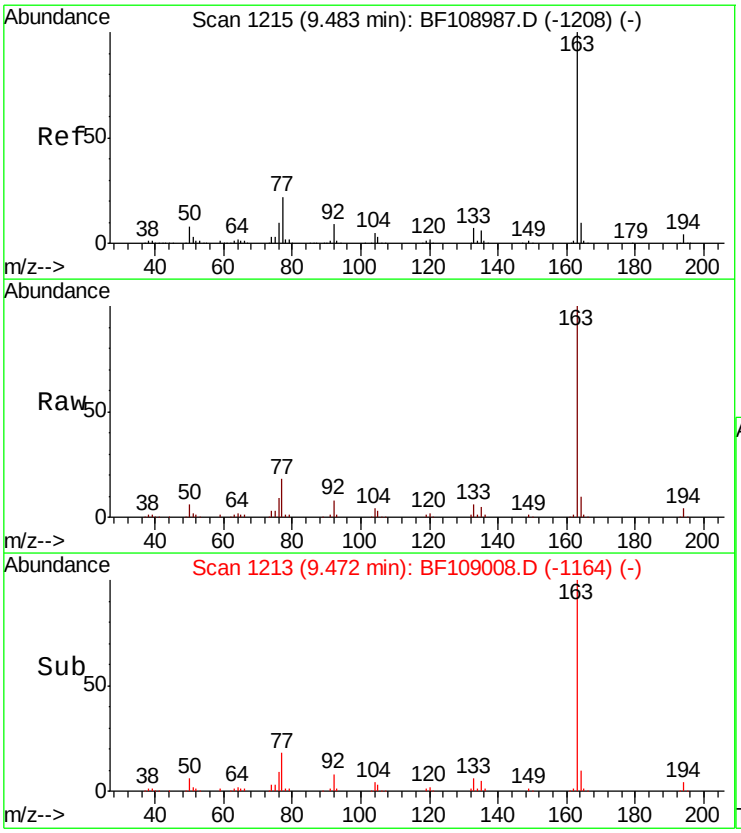

#44
2-Fluorobiphenyl
Concen: 69.564 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion:172 Resp: 1381834

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

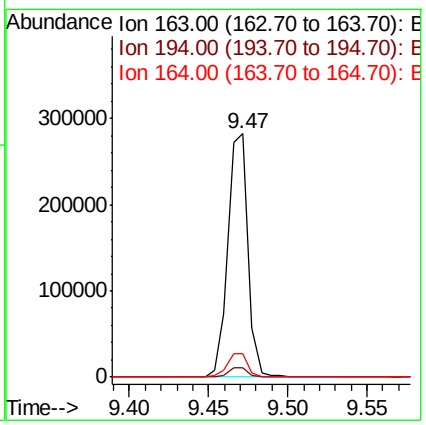


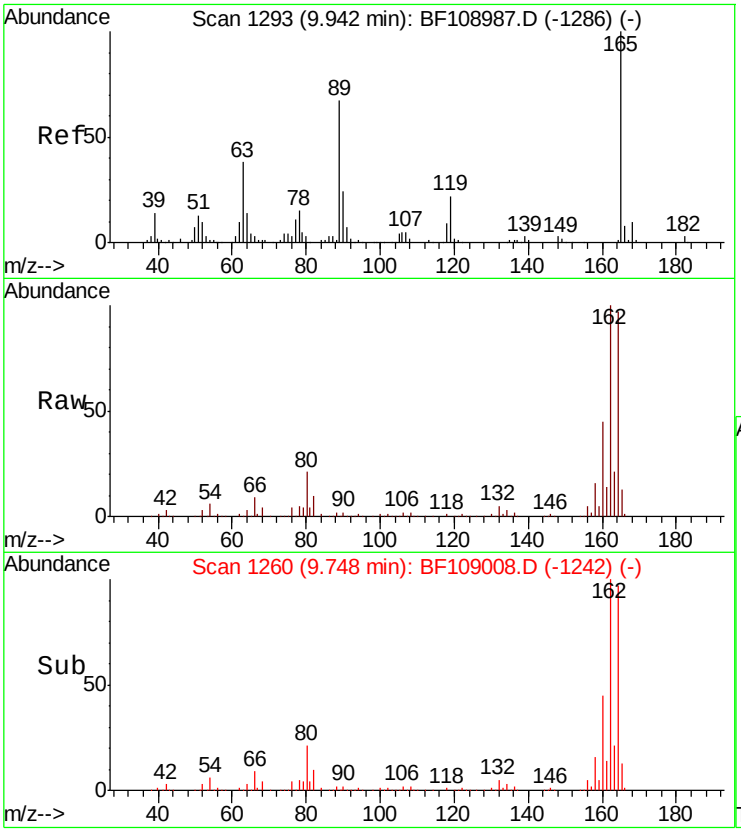




#49
Dimethylphthalate
Concen: 11.170 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:163 Resp: 248471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 9.6 | 8.2 | 12.2 |



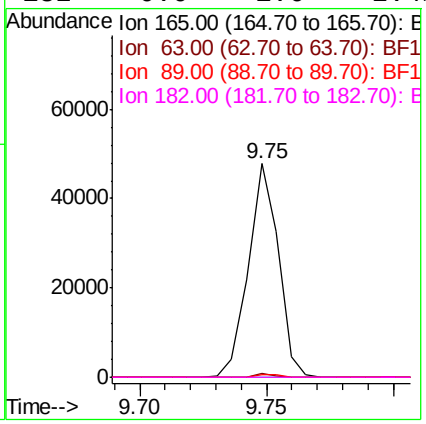


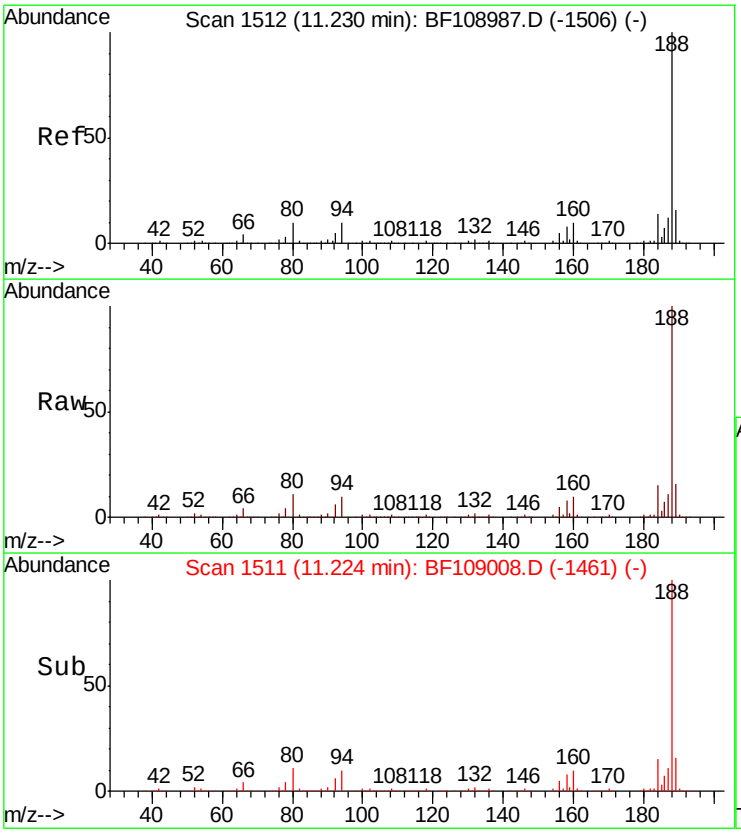

#56
2,4-Dinitrotoluene
Concen: 6.111 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion:165 Resp: 39423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 36.4 | 54.6# |
| 89 | 1.0 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

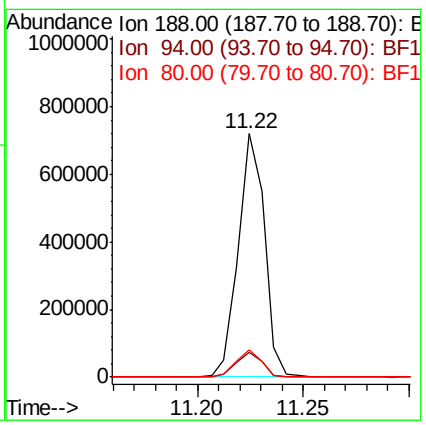


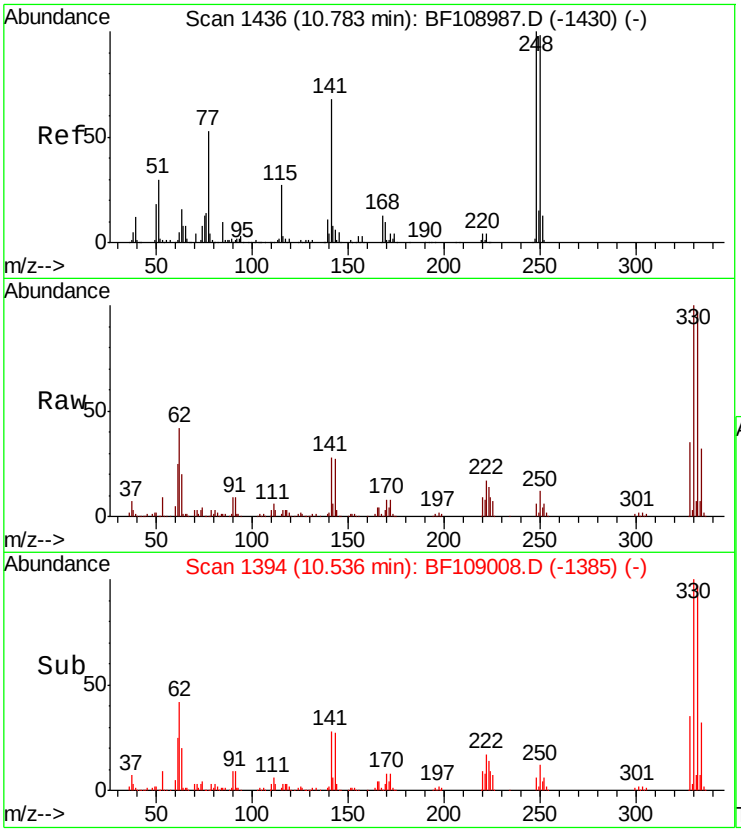




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:188 Resp: 618893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.5 | 12.7 |
| 80 | 11.0 | 9.2 | 13.8 |



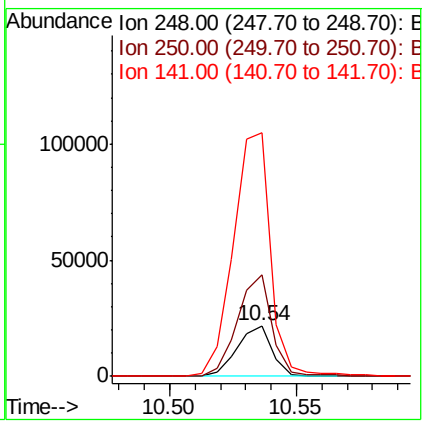


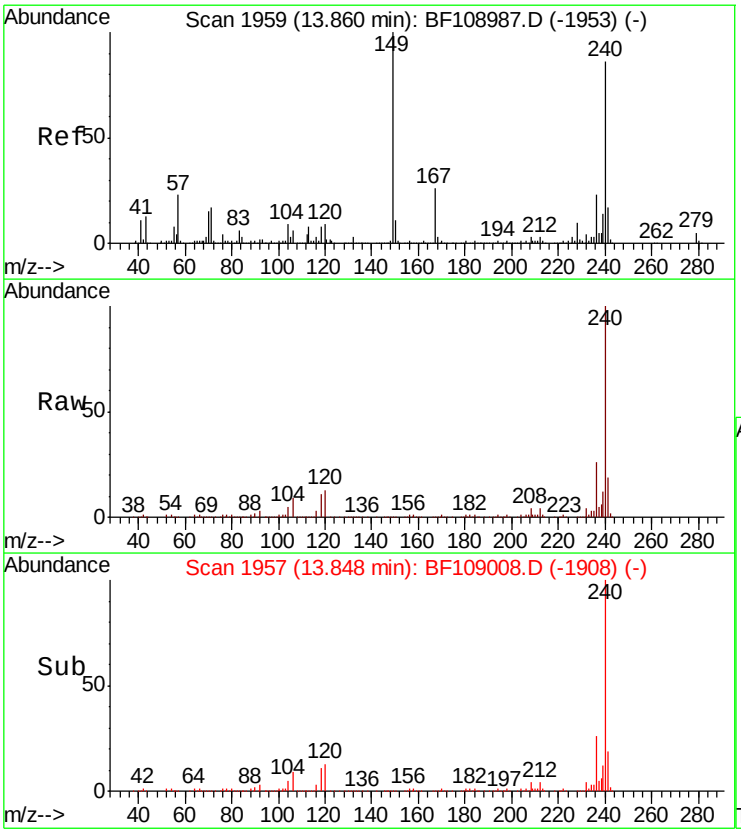

#66
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion:248 Resp: 20935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 201.2 | 76.9 | 115.3# |
| 141 | 481.4 | 74.4 | 111.6# |

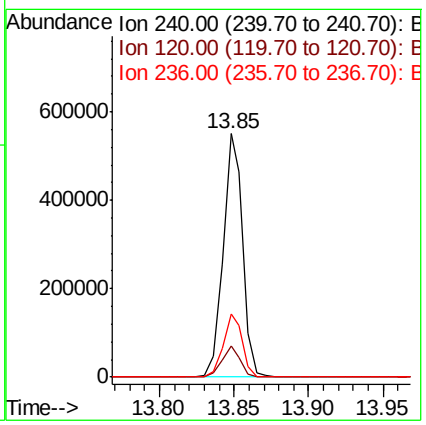


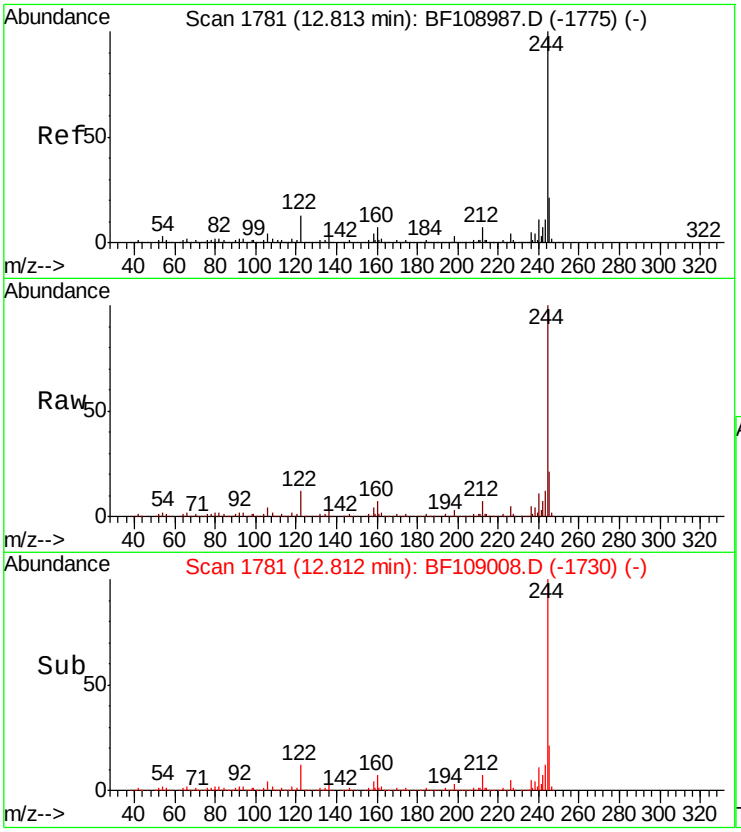




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:240 Resp: 507523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.5 | 9.5 | 14.3 |
| 236 | 25.9 | 20.7 | 31.1 |



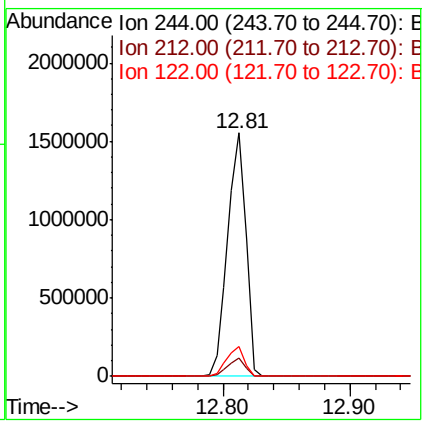


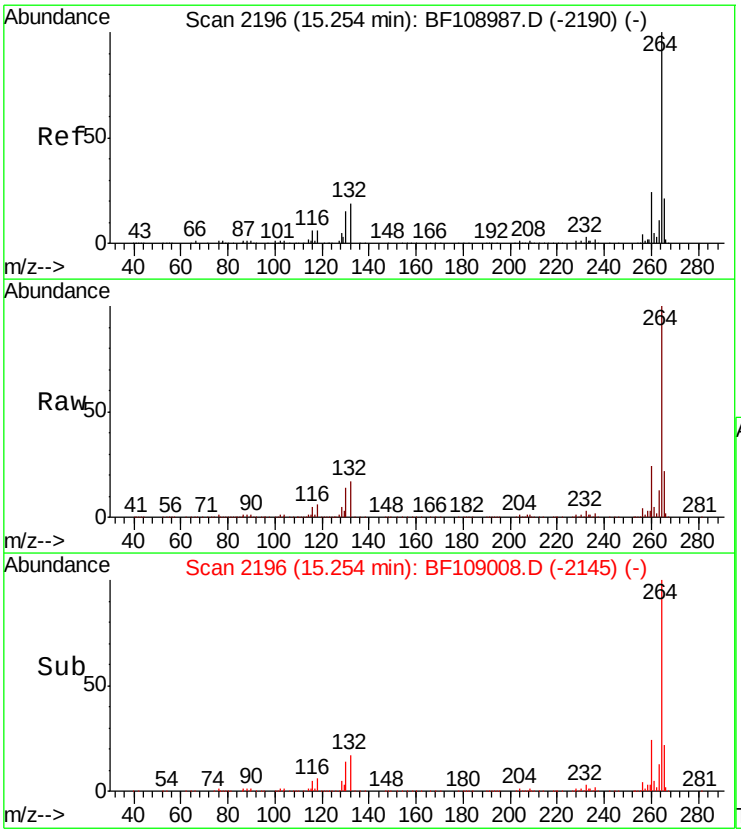

#78
Terphenyl-d14
Concen: 72.323 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

**Instrument :**
BNA_F
**ClientSampleId :**
PR-MW-04-091218

Tgt Ion:244 Resp: 1548578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.4 | 8.0 |
| 122 | 12.0 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:264 Resp: 447287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.2 | 28.8 |
| 265 | 21.8 | 17.5 | 26.3 |