Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112116\
Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** UST-SW1

Quant Time: Nov 22 02:16:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:44:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.57 | 152 | 187446 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.86 | 136 | 538379 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.62 | 164 | 385763 | 20.00 | ng | | 0.01 |
| 63) Phenanthrene-d10 | 11.09 | 188 | 616409 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 13.71 | 240 | 644240 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.07 | 264 | 492300 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.22 | 112 | 6662 | 0.59 | ng | | 0.08 |
| 7) Phenol-d6 | 6.26 | 99 | 24885 | 1.85 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 7.10 | 82 | 22937 | 2.35 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.41 | 330 | 4974 | 1.38 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 8.94 | 172 | 69840 | 3.16 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.67 | 244 | 49669 | 1.75 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.09 | 77 | 56949 | 8.41 | ng | # | 1 |
| 18) Hexachloroethane | 7.07 | 117 | 33505 | 6.60 | ng | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 6.98 | 70 | 34565 | 3.51 | ng | # | 42 |
| 22) Acetophenone | 6.98 | 105 | 111060 | 8.65 | ng | # | 1 |
| 24) Nitrobenzene | 7.12 | 77 | 46819 | 4.31 | ng | # | 28 |
| 25) Isophorone | 7.38 | 82 | 72035 | 3.91 | ng | # | 1 |
| 27) 2,4-Dimethylphenol | 7.50 | 122 | 17045 | 2.33 | ng | # | 1 |
| 31) Naphthalene | 7.88 | 128 | 840842 | 33.43 | ng | # | 93 |
| 32) Benzoic acid | 7.65 | 122 | 9908 | 5.44 | ng | # | 1 |
| 35) Caprolactam | 8.32 | 113 | 232421 | 113.37 | ng | # | 48 |
| 36) 4-Chloro-3-methylphenol | 8.38 | 107 | 42588 | 5.34 | ng | # | 28 |
| 37) 2-Methylnaphthalene | 8.59 | 142 | 2938662 | 174.23 | ng | # | 95 |
| 45) 1,1'-Biphenyl | 9.05 | 154 | 284069 | 9.66 | ng | | 96 |
| 47) 2-Nitroaniline | 9.22 | 65 | 41011 | 5.05 | ng | # | 28 |
| 48) Acenaphthylene | 9.48 | 152 | 98599 | 2.99 | ng | # | 1 |
| 50) 2,6-Dinitrotoluene | 9.42 | 165 | 29789 | 5.40 | ng | # | 58 |
| 51) Acenaphthene | 9.65 | 154 | 122236 | 5.98 | ng | # | 78 |
| 52) 3-Nitroaniline | 9.60 | 138 | 18546 | 3.15 | ng | # | 29 |
| 53) 2,4-Dinitrophenol | 9.68 | 184 | 2489 | 7.40 | ng | # | 1 |
| 54) Dibenzofuran | 9.82 | 168 | 151143 | 5.31 | ng | # | 1 |
| 55) 4-Nitrophenol | 9.73 | 139 | 137243 | 50.19 | ng | # | 47 |
| 56) 2,4-Dinitrotoluene | 9.82 | 165 | 65957 | 9.49 | ng | # | 36 |
| 57) Fluorene | 10.17 | 166 | 227188 | 9.87 | ng | # | 89 |
| 61) 4-Nitroaniline | 10.02 | 138 | 13851 | 2.29 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 10.28 | 169 | 549518 | 29.59 | ng | # | 41 |
| 70) Phenanthrene | 11.12 | 178 | 658535 | 20.33 | ng | | 98 |
| 71) Anthracene | 11.12 | 178 | 658535 | 20.40 | ng | | 98 |

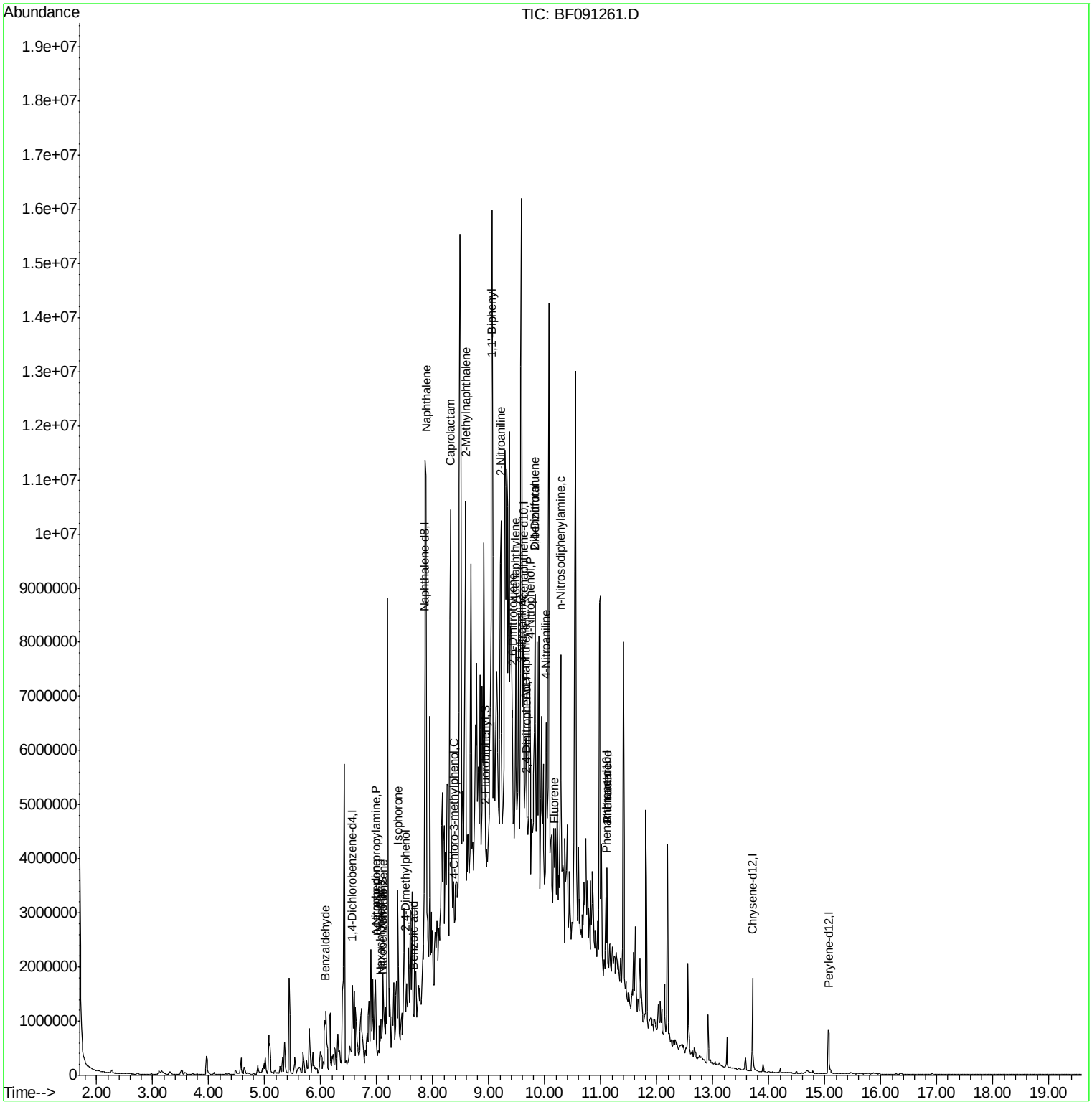
(#) = qualifier out of range (m) = manual integration (+) = signals summed

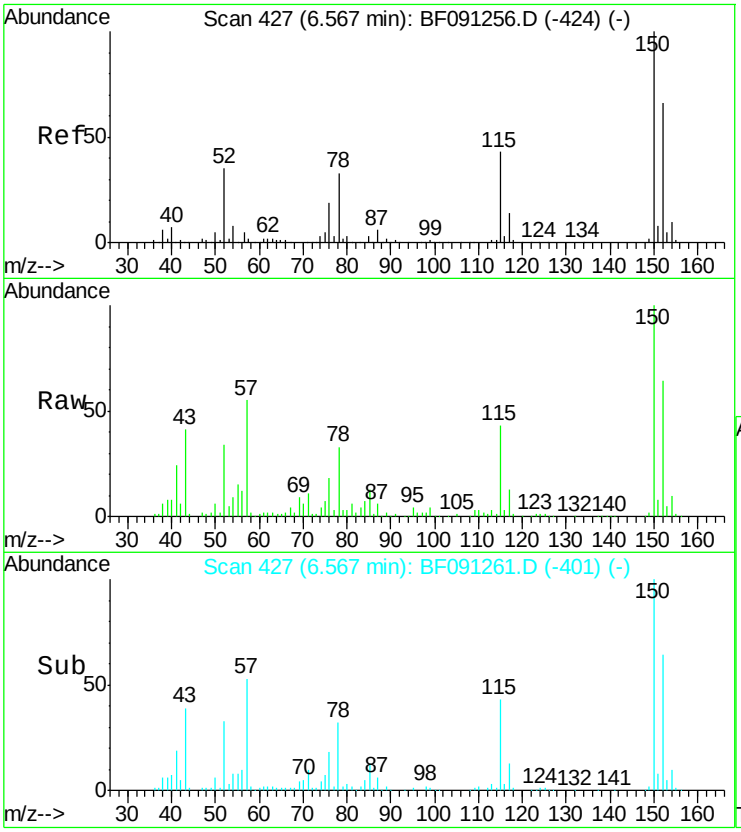
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112116\
Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Quant Time: Nov 22 02:16:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:44:52 2016
Response via : Initial Calibration



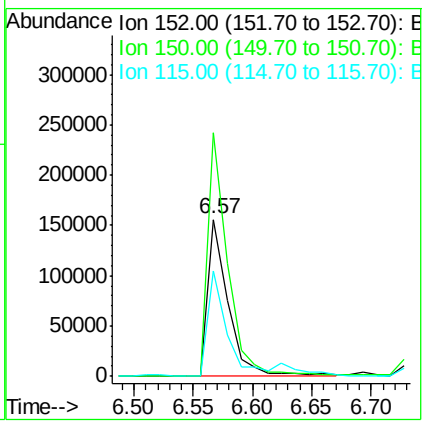


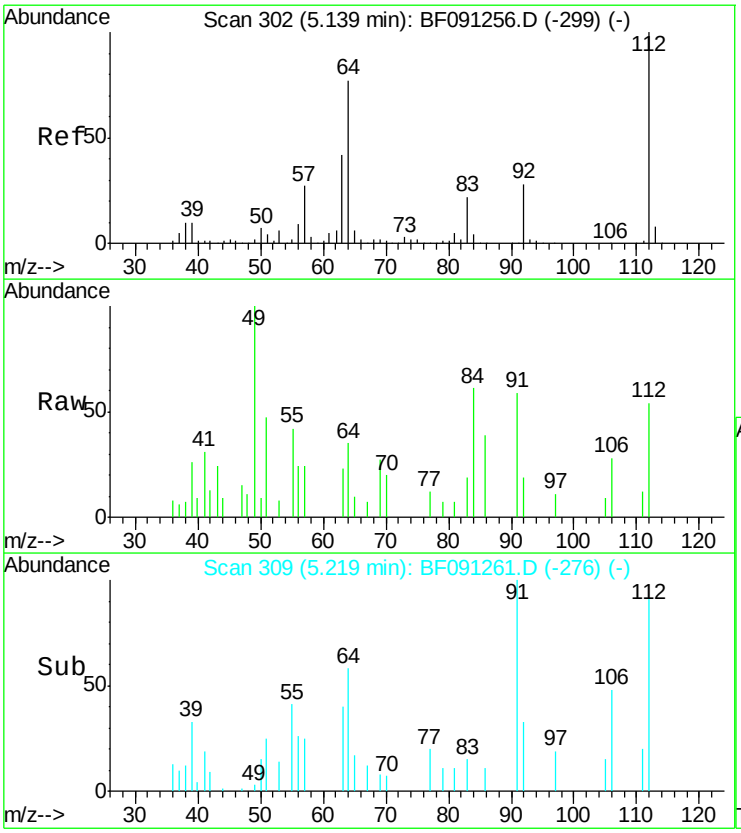

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:152 Resp: 187446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.1 | 122.5 | 183.7 |
| 115 | 66.9 | 51.8 | 77.8 |

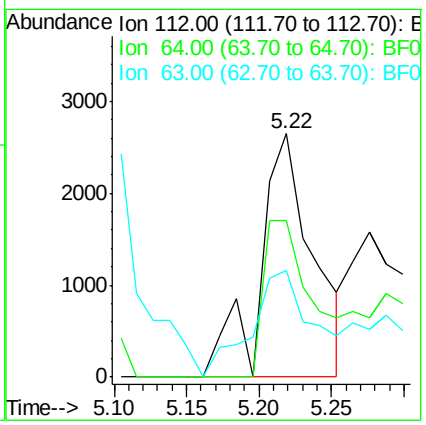


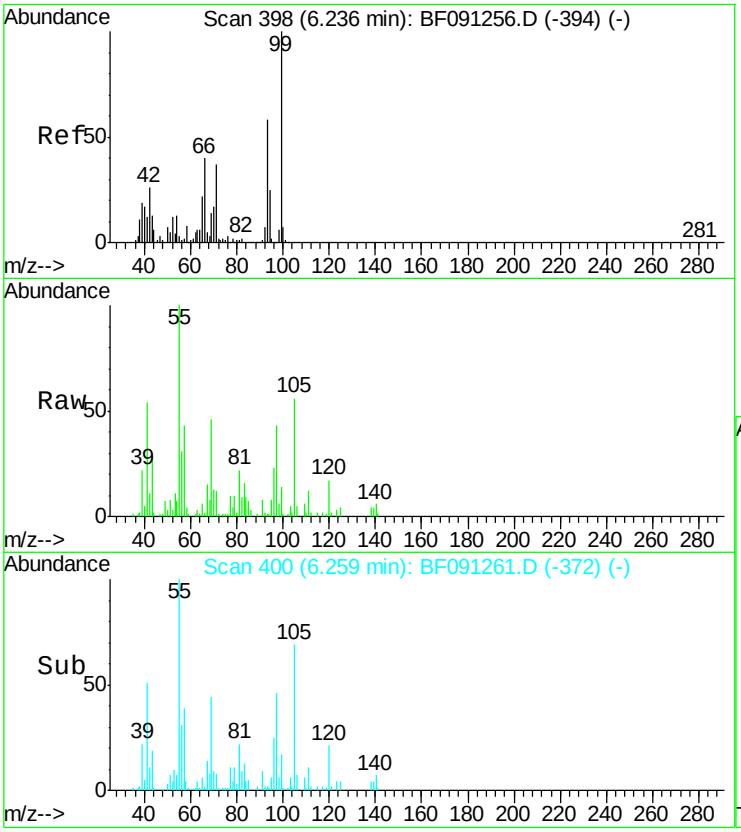




#5
2-Fluorophenol
Concen: 0.59 ng
RT: 5.22 min Scan# 309
Delta R.T. 0.08 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:112 Resp: 6662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.2 | 61.5 | 92.3 |
| 63 | 43.6 | 33.3 | 49.9 |



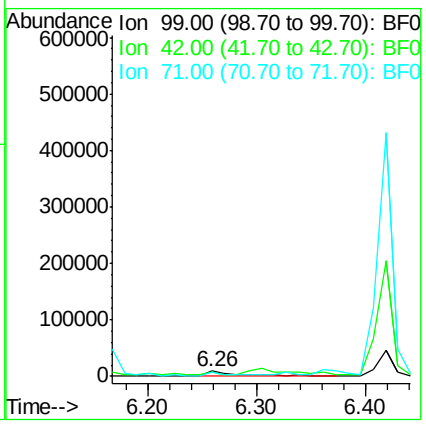


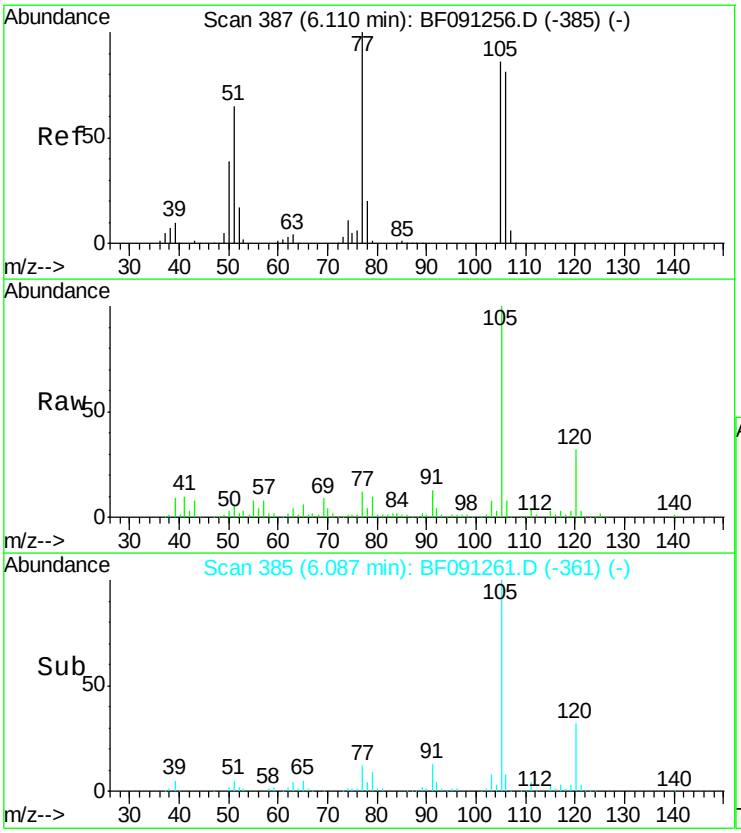

#7
Phenol-d6
Concen: 1.85 ng
RT: 6.26 min Scan# 400
Delta R.T. 0.02 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion: 99 Resp: 24885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 78.2 | 20.6 | 31.0# |
| 71 | 81.7 | 29.9 | 44.9# |

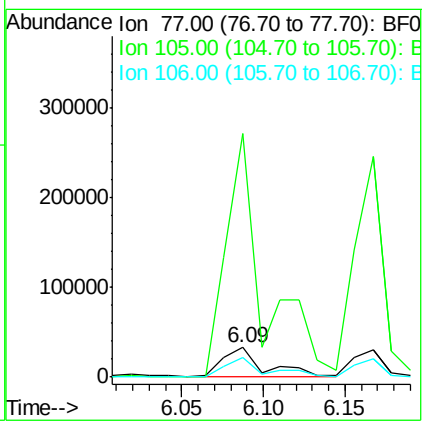


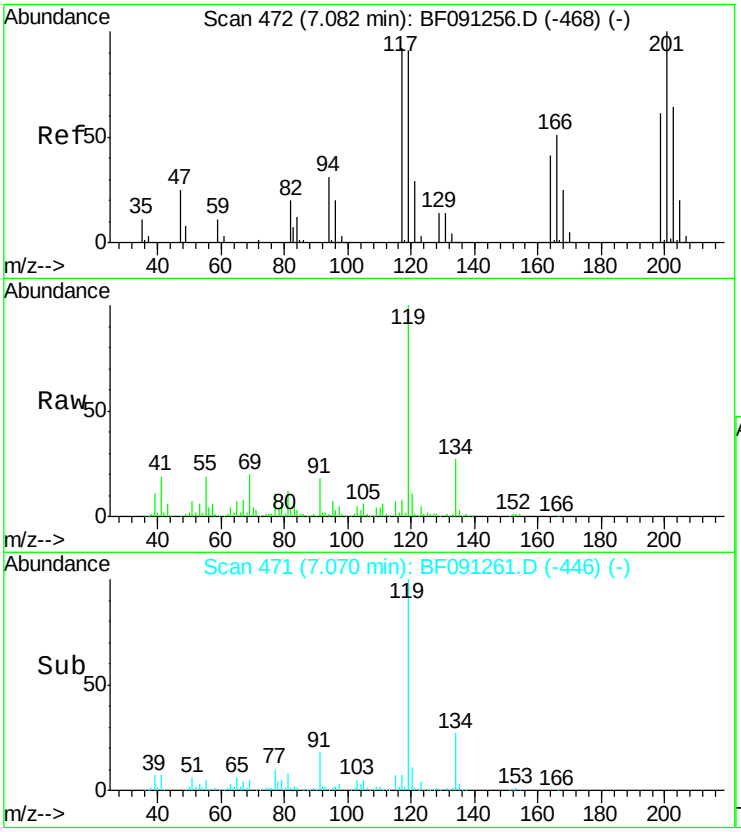




#9
Benzaldehyde
Concen: 8.41 ng
RT: 6.09 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion: 77 Resp: 56949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 823.5 | 66.4 | 106.4# |
| 106 | 66.3 | 60.9 | 100.9 |



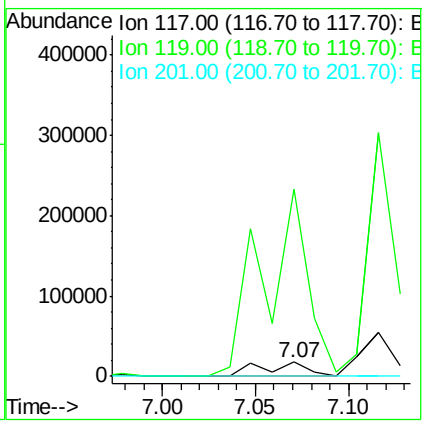


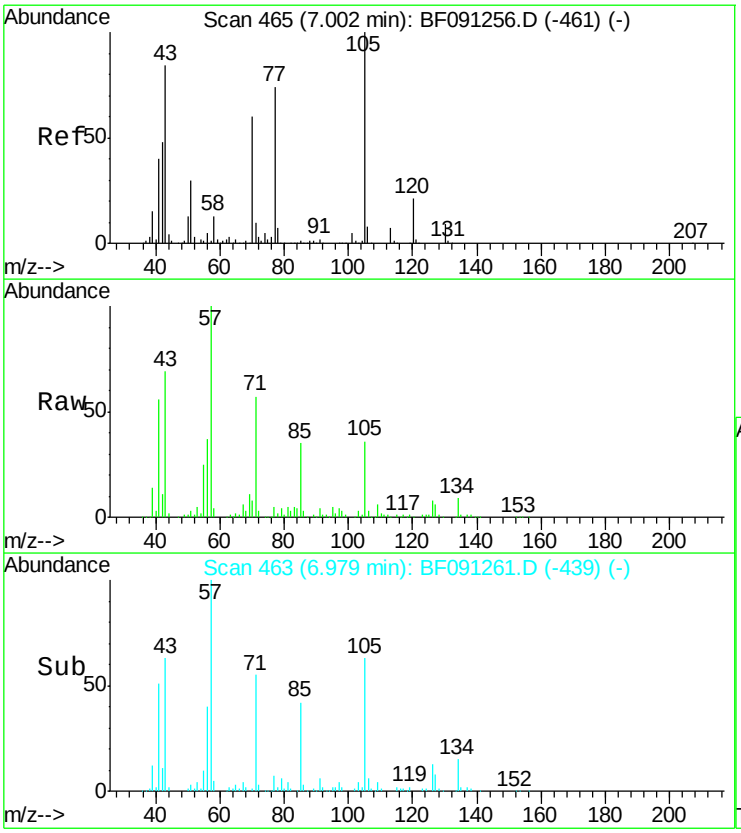

#18
Hexachloroethane
Concen: 6.60 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:117 Resp: 33505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 1312.2 | 78.6 | 118.0# |
| 201 | 0.0 | 86.7 | 130.1# |

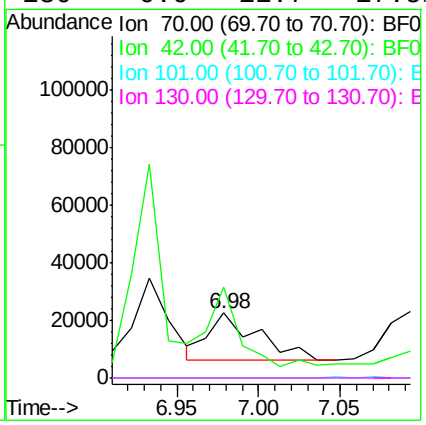


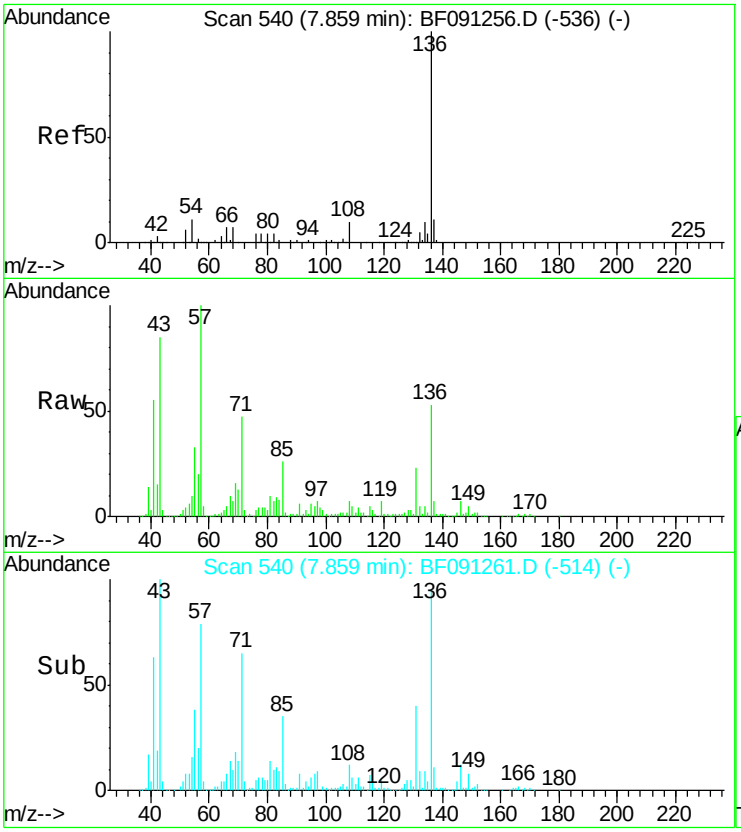




#19
n-Nitroso-di-n-propylamine
Concen: 3.51 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion: 70 Resp: 34565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 139.5 | 64.8 | 97.2# |
| 101 | 0.0 | 6.2 | 9.4# |
| 130 | 0.0 | 11.7 | 17.5# |



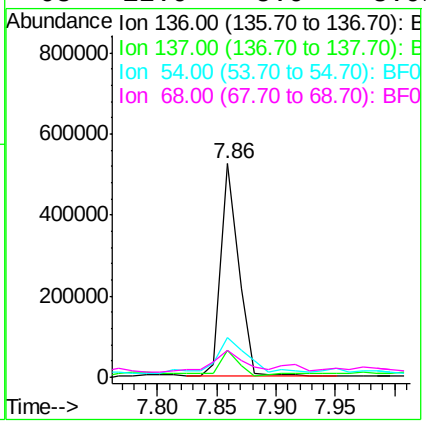


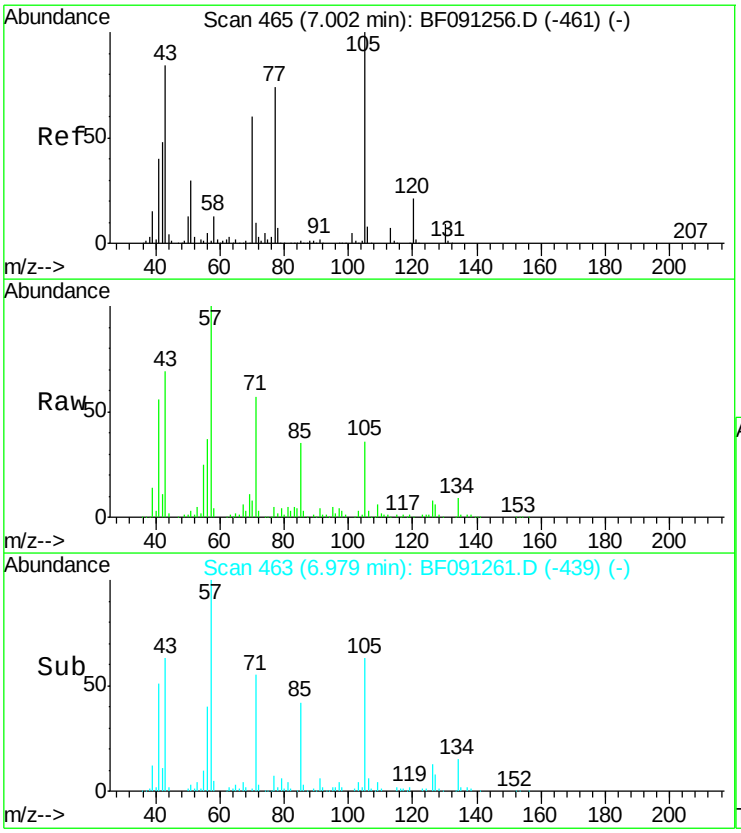

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:136 Resp: 538379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.4 | 9.1 | 13.7 |
| 54 | 18.5 | 9.1 | 13.7# |
| 68 | 12.9 | 5.9 | 8.9# |

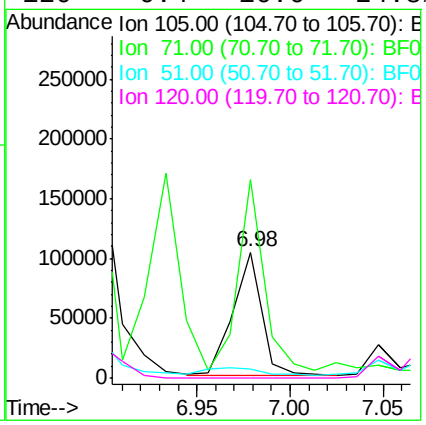


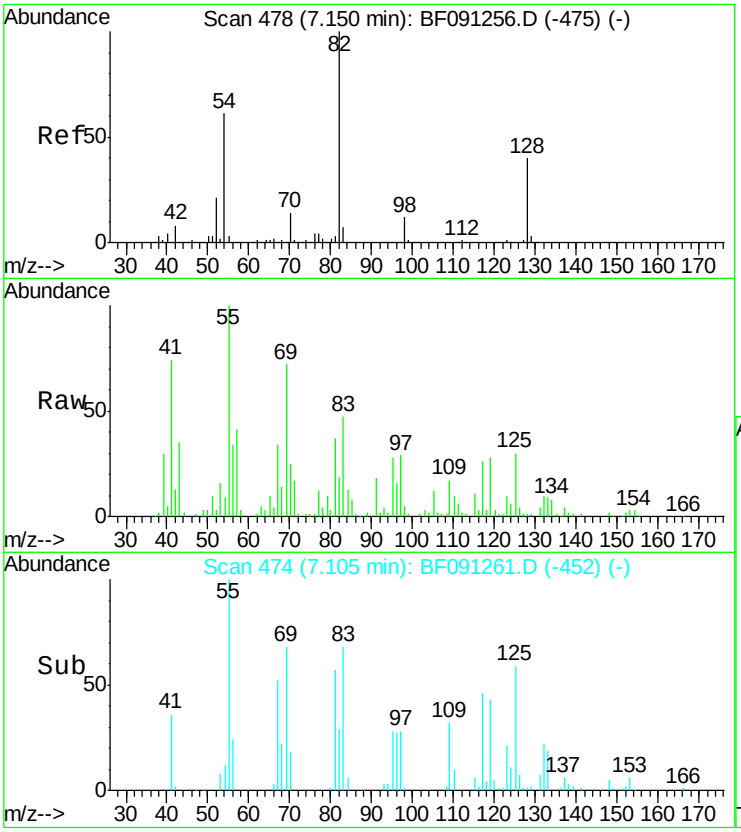




#22
Acetophenone
Concen: 8.65 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:105 Resp: 111060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 158.0 | 7.9 | 11.9# |
| 51 | 7.2 | 24.5 | 36.7# |
| 120 | 0.4 | 16.6 | 24.8# |



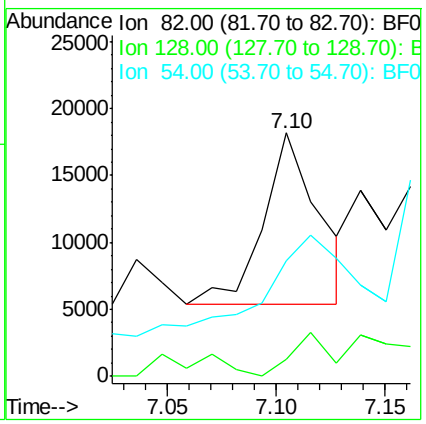


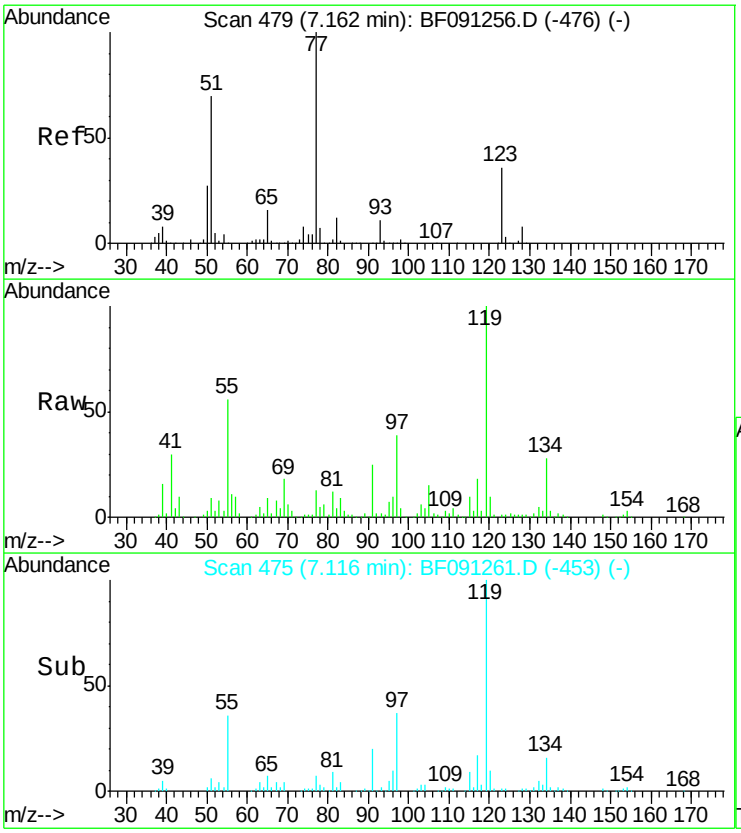

#23
Nitrobenzene-d5
Concen: 2.35 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion: 82 Resp: 22937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 7.2 | 31.8 | 47.6# |
| 54 | 47.5 | 49.1 | 73.7# |

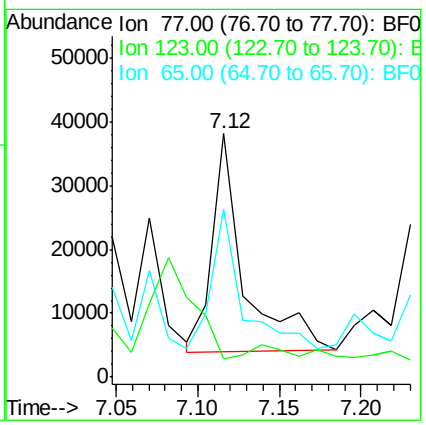


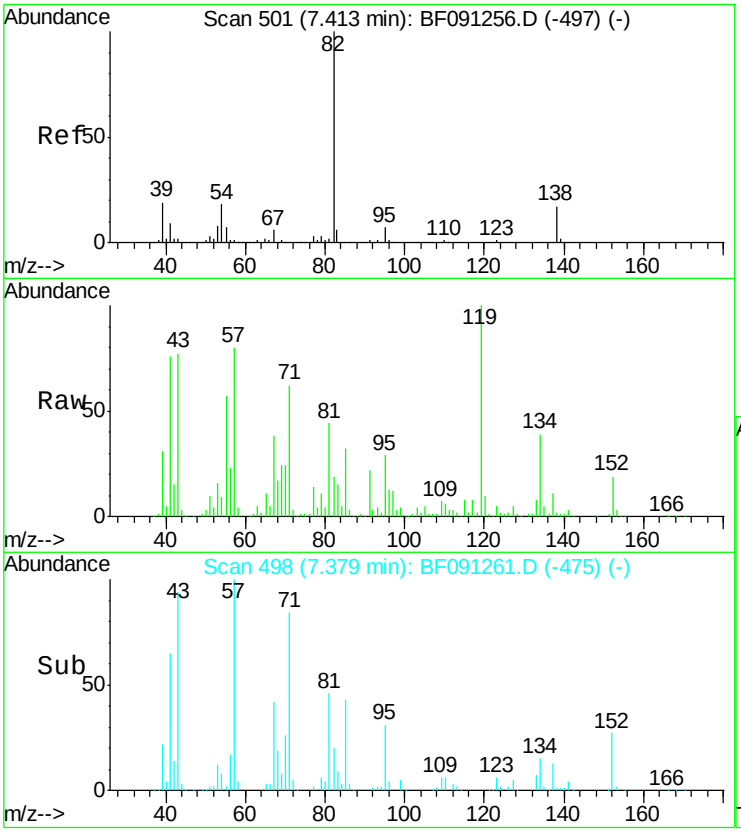




#24
Nitrobenzene
Concen: 4.31 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion: 77 Resp: 46819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 7.4 | 28.5 | 42.7# |
| 65 | 68.9 | 12.5 | 18.7# |



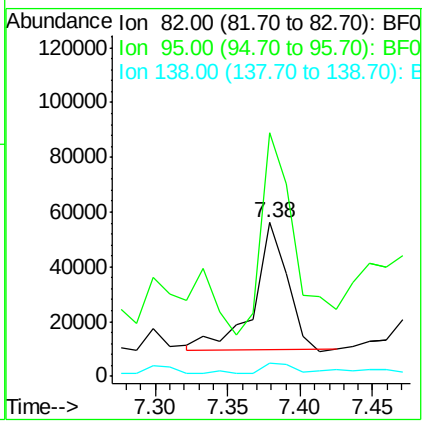


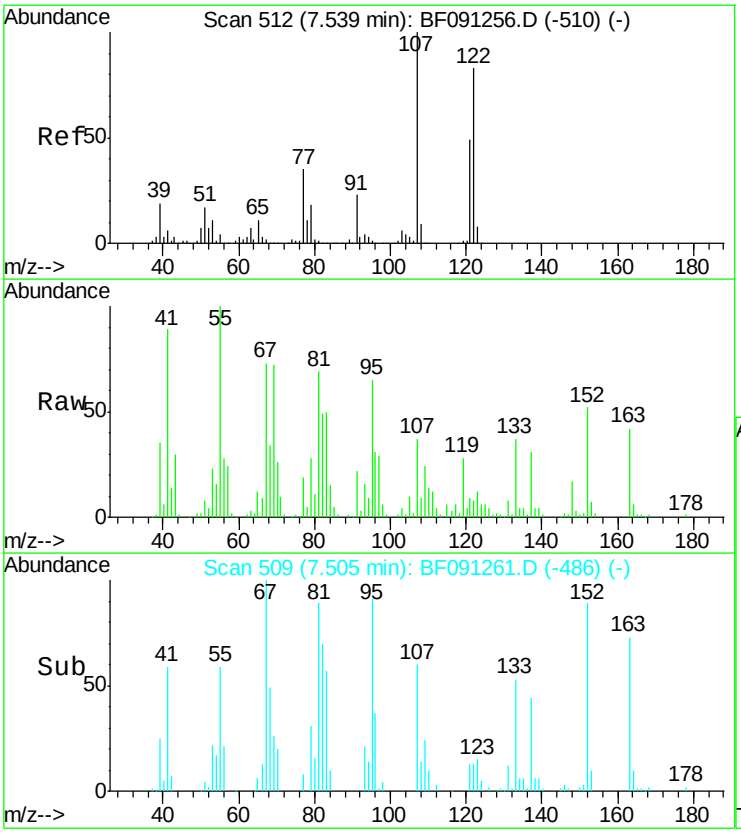

#25
Isophorone
Concen: 3.91 ng
RT: 7.38 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion: 82 Resp: 72035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 158.4 | 5.7 | 8.5# |
| 138 | 8.8 | 13.4 | 20.0# |

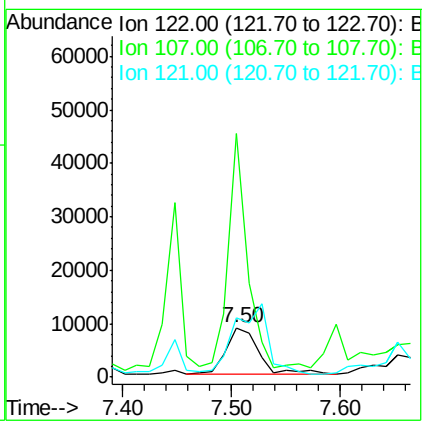


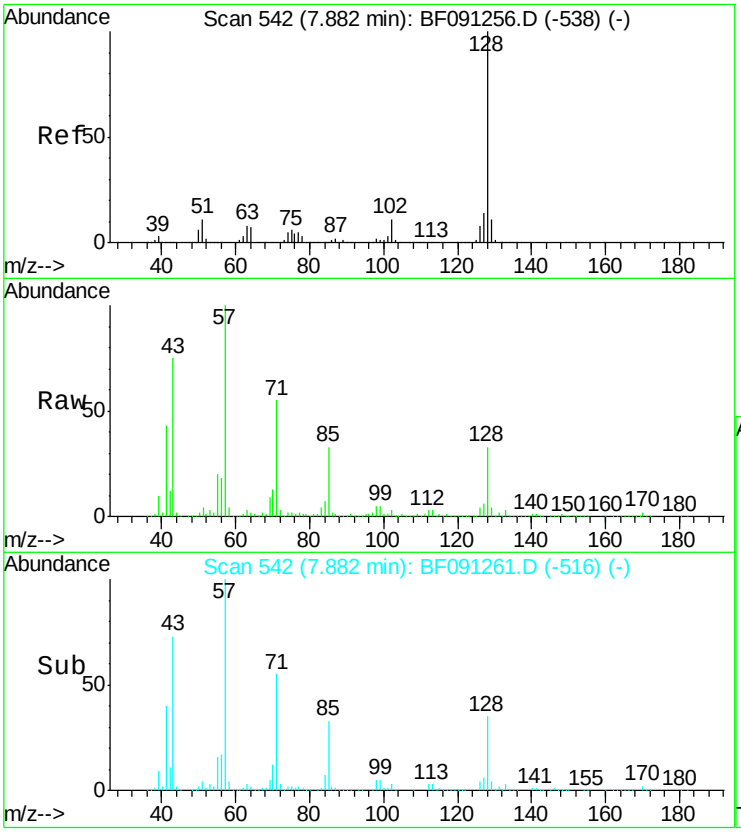




#27
2,4-Dimethylphenol
Concen: 2.33 ng
RT: 7.50 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:122 Resp: 17045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 494.4 | 96.8 | 145.2# |
| 121 | 120.5 | 47.7 | 71.5# |



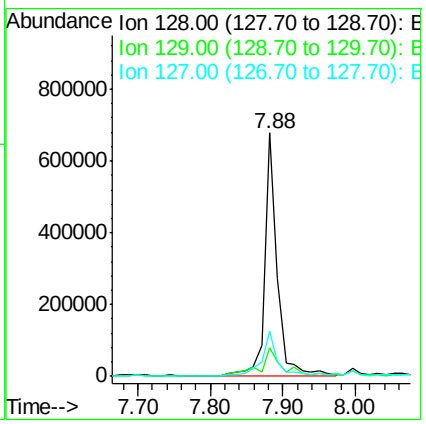


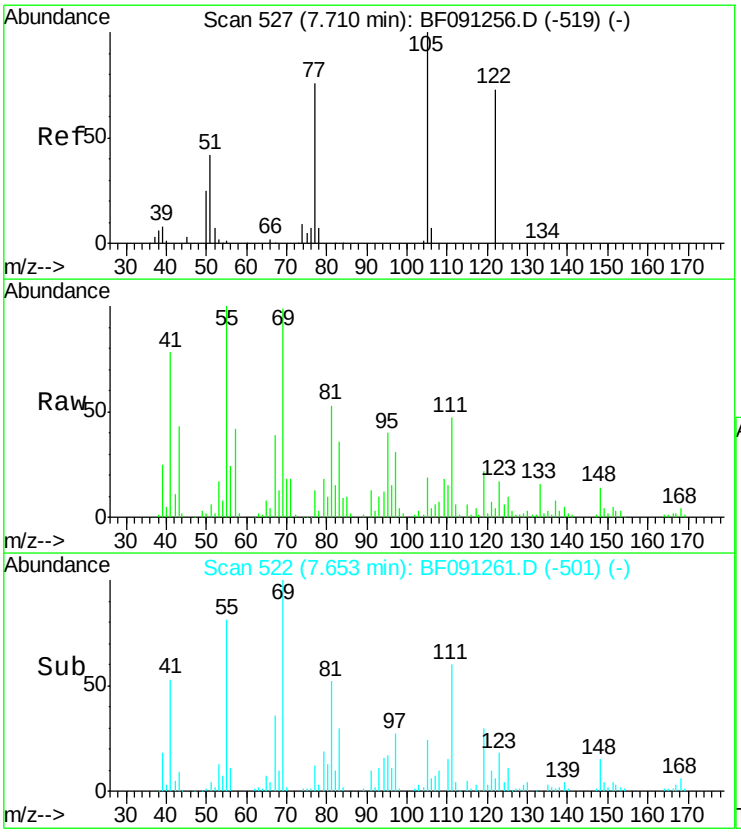

#31
Naphthalene
Concen:  33.43 ng
RT: 7.88 min  Scan# 542
Delta R.T.  0.00 min
Lab File:  BF091261.D
Acq: 22 Nov 2016  00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:128 Resp:  840842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.0 | 9.1 | 13.7 |
| 127 | 18.7 | 11.0 | 16.4# |

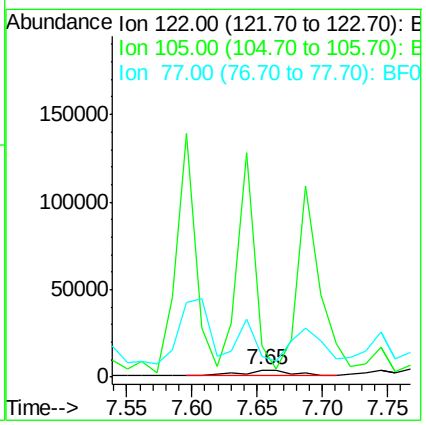


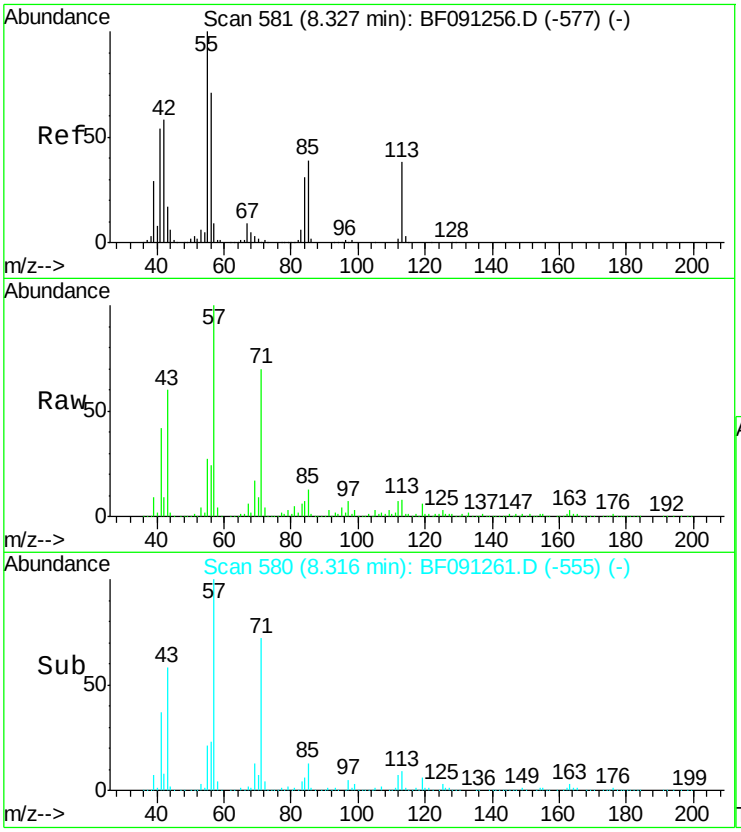




#32
Benzoic acid
Concen:  5.44 ng
RT: 7.65 min  Scan# 522
Delta R.T.  -0.06 min
Lab File:  BF091261.D
Acq: 22 Nov 2016  00:04

Tgt Ion:122 Resp:  9908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 444.1 | 113.0 | 153.0# |
| 77 | 301.1 | 82.0 | 122.0# |



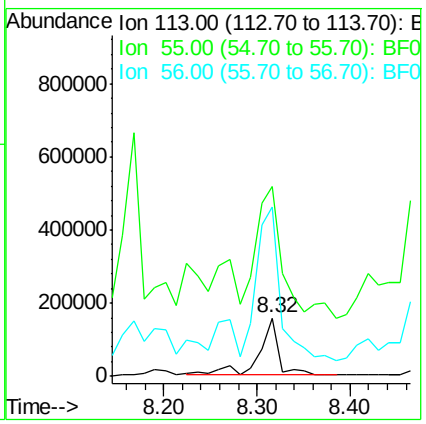


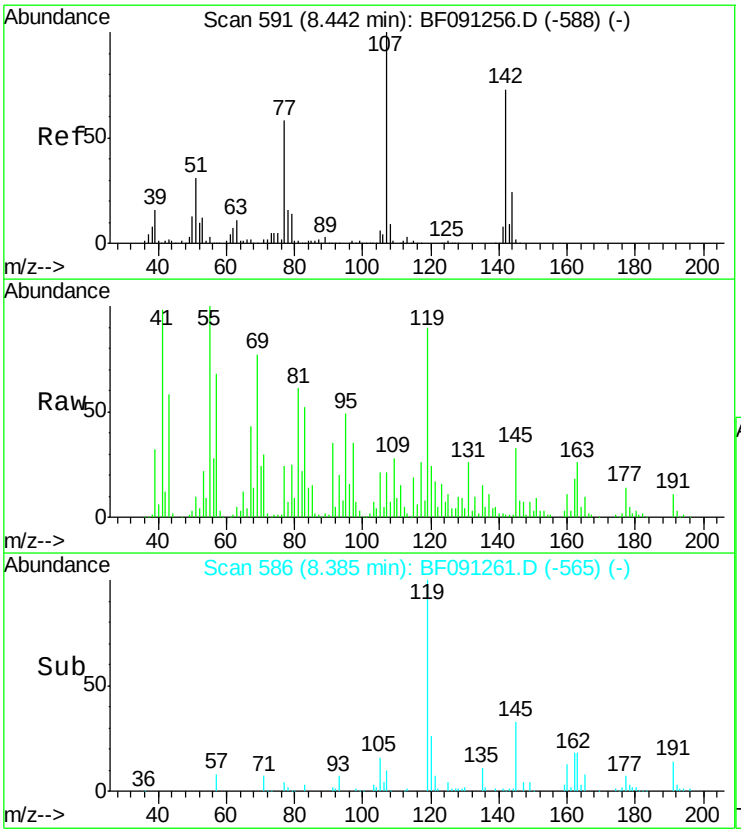

#35
Caprolactam
Concen:  113.37 ng
RT: 8.32 min  Scan# 580
Delta R.T.  -0.01 min
Lab File:  BF091261.D
Acq: 22 Nov 2016  00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:113 Resp:  232421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 326.2 | 239.8 | 279.8# |
| 56 | 290.9 | 165.6 | 205.6# |

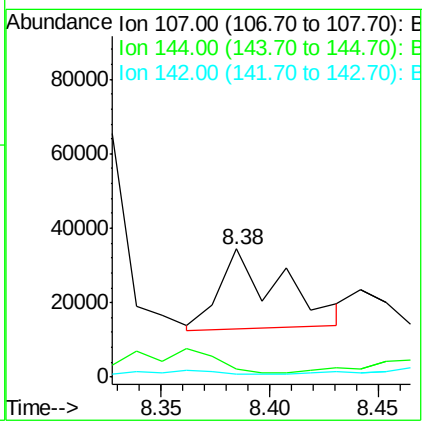


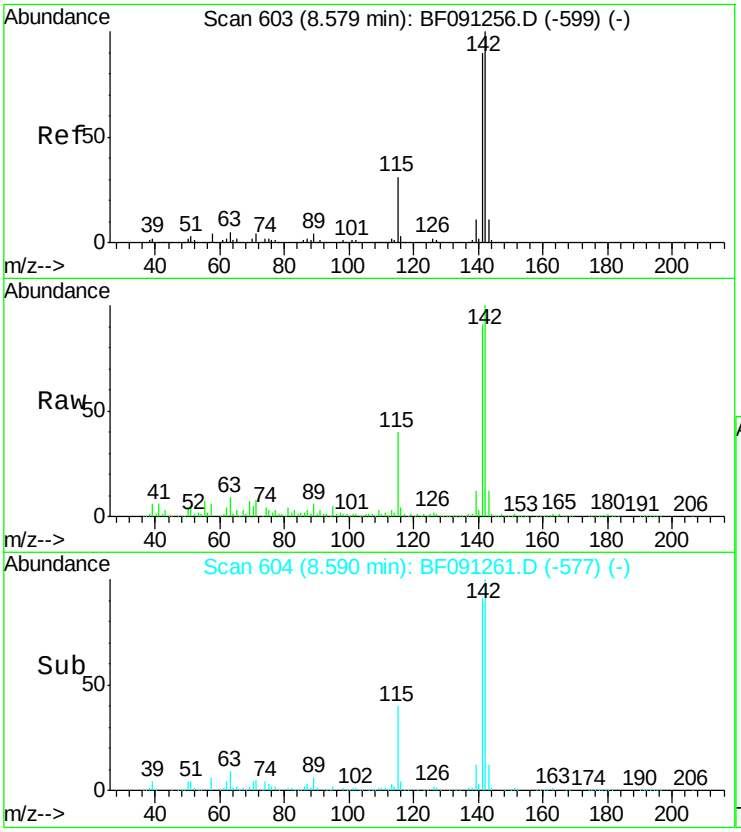




#36
4-Chloro-3-methylphenol
Concen:  5.34 ng
RT: 8.38 min  Scan# 586
Delta R.T.  -0.06 min
Lab File:  BF091261.D
Acq: 22 Nov 2016  00:04

Tgt Ion:107 Resp:  42588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 6.8 | 18.9 | 28.3# |
| 142 | 2.6 | 58.5 | 87.7# |



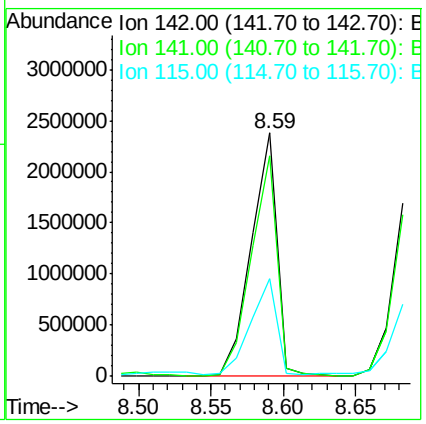


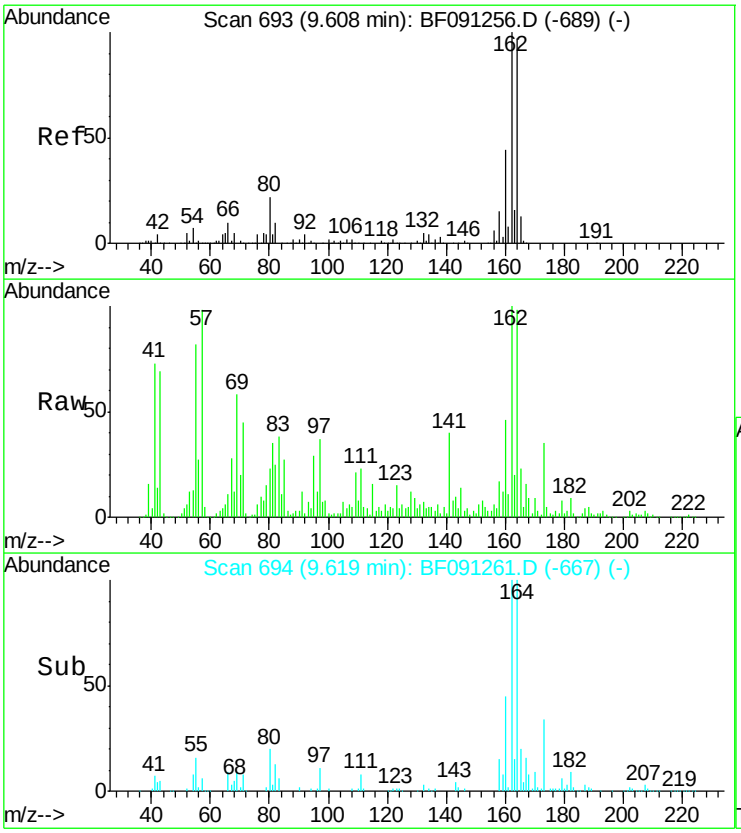

#37
2-Methylnaphthalene
Concen: 174.23 ng
RT: 8.59 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:142 Resp: 2938662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 71.7 | 107.5 |
| 115 | 40.3 | 25.0 | 37.6# |

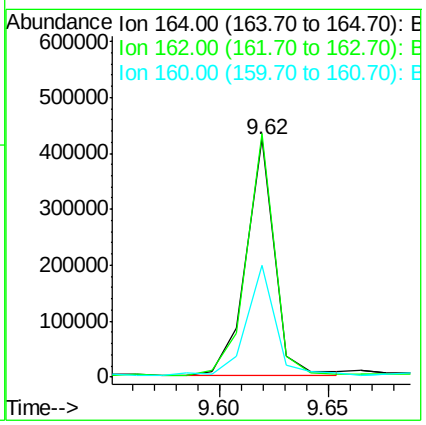


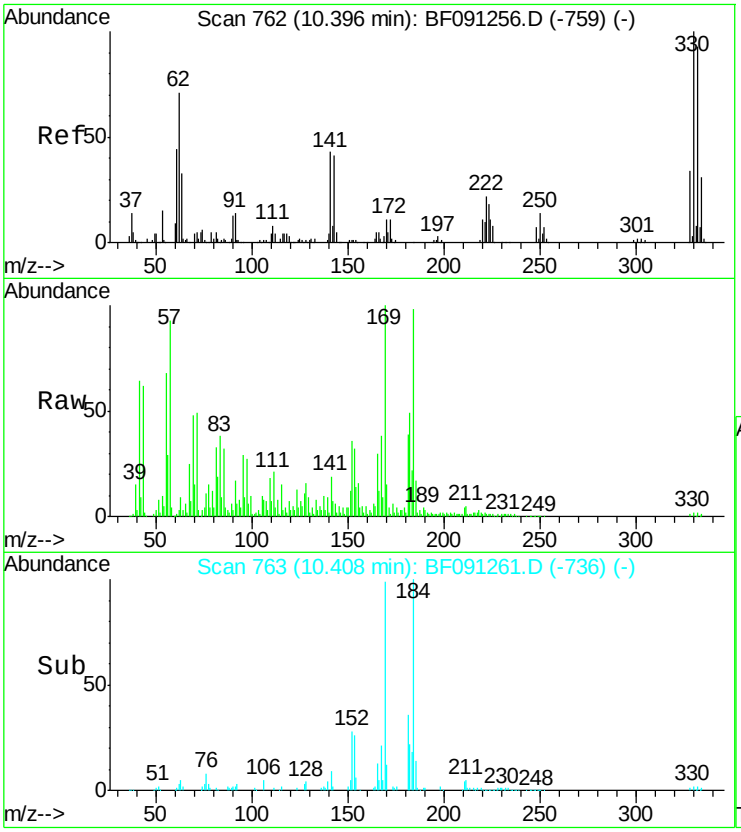




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:164 Resp: 385763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 82.6 | 124.0 |
| 160 | 46.8 | 36.7 | 55.1 |



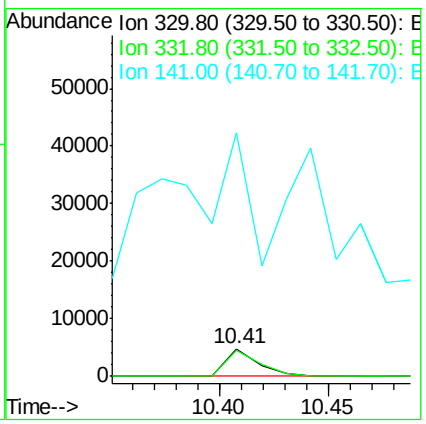


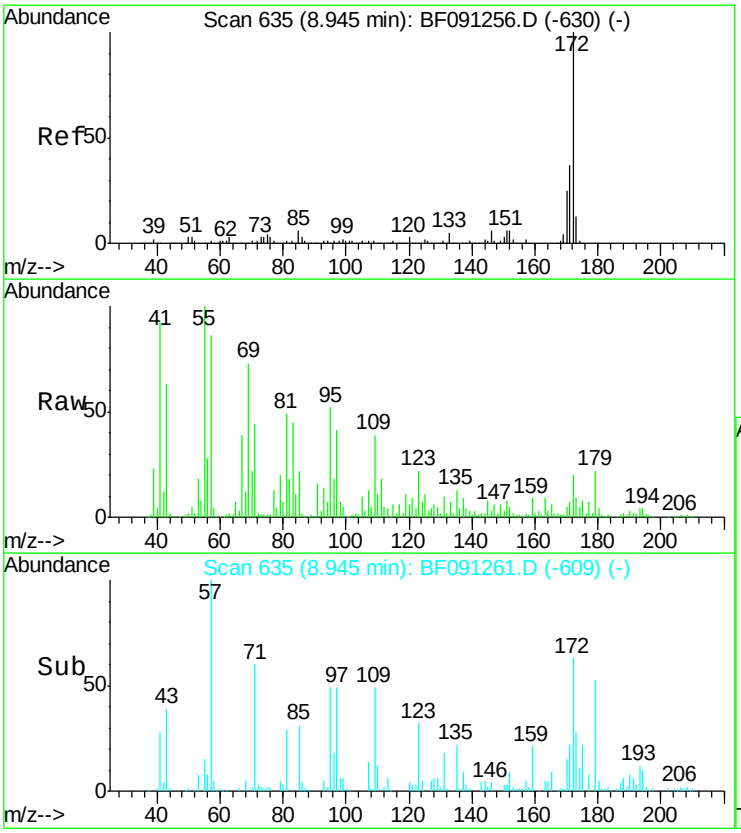

#41
2,4,6-Tribromophenol
Concen: 1.38 ng
RT: 10.41 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:330 Resp: 4974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 76.2 | 114.4 |
| 141 | 0.0 | 33.6 | 50.4# |

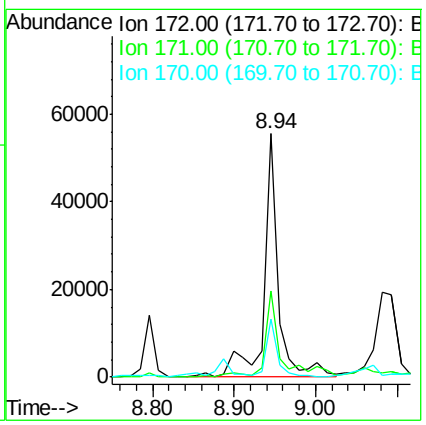


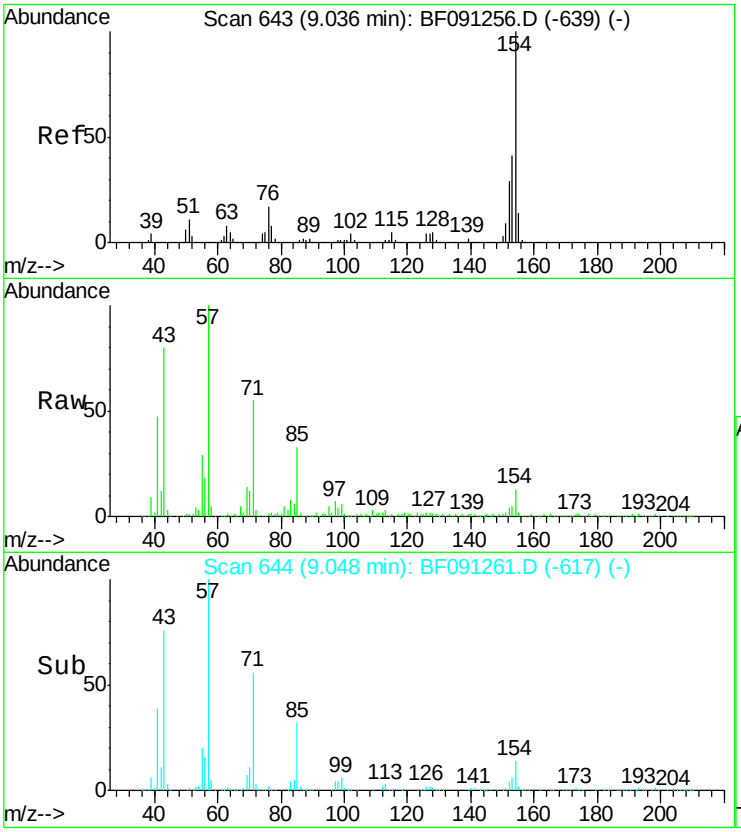




#44
2-Fluorobiphenyl
Concen: 3.16 ng
RT: 8.94 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:172 Resp: 69840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.4 | 44.0 |
| 170 | 23.9 | 19.7 | 29.5 |



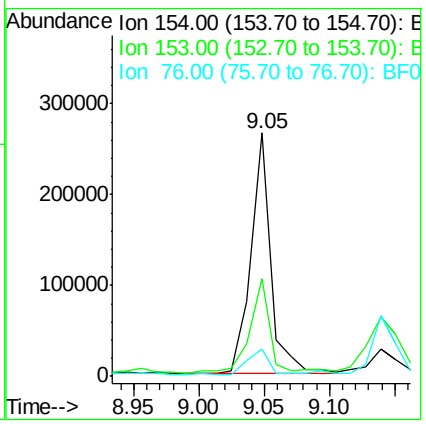


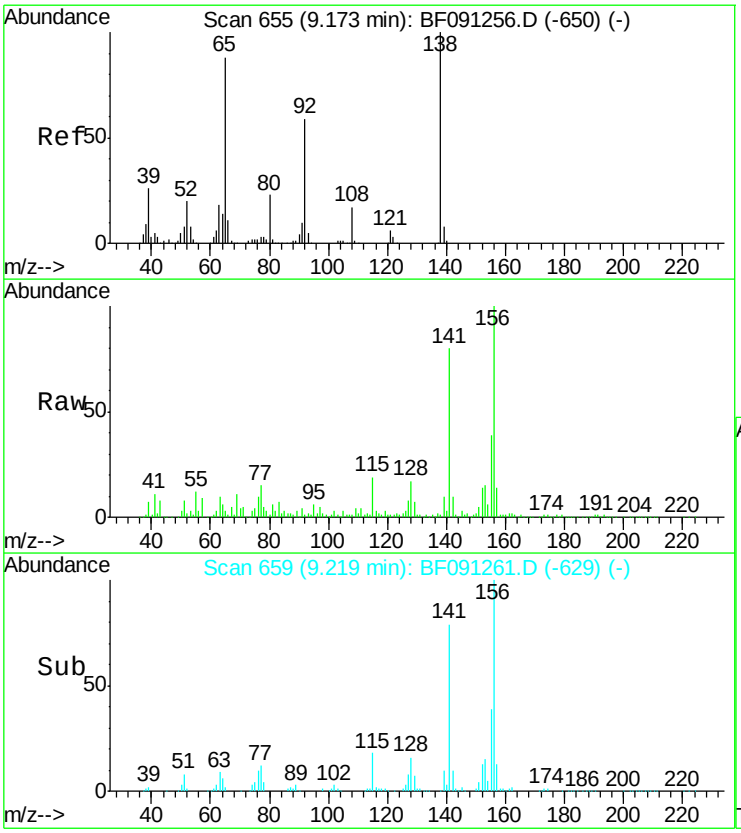

#45
1,1'-Biphenyl
Concen: 9.66 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:154 Resp: 284069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.6 | 60.6 |
| 76 | 11.3 | 0.0 | 36.6 |

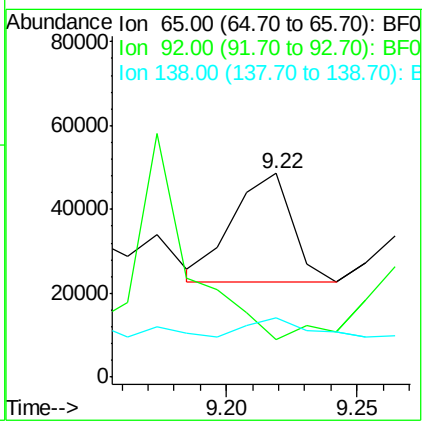


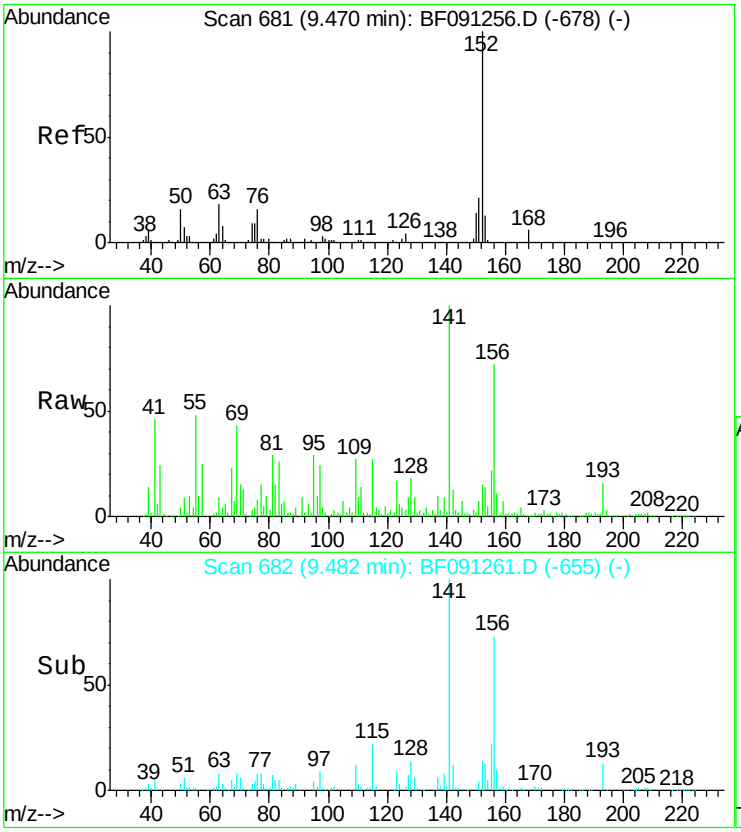




#47
2-Nitroaniline
Concen: 5.05 ng
RT: 9.22 min Scan# 659
Delta R.T. 0.05 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion: 65 Resp: 41011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 18.2 | 53.6 | 80.4# |
| 138 | 29.2 | 91.0 | 136.6# |



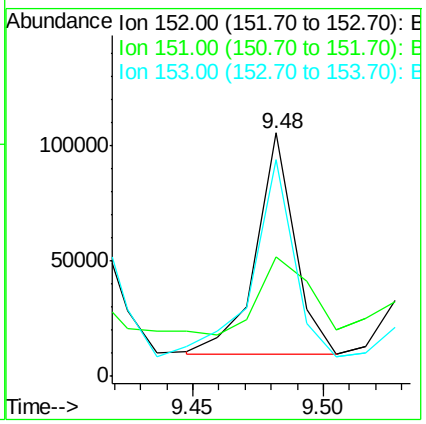


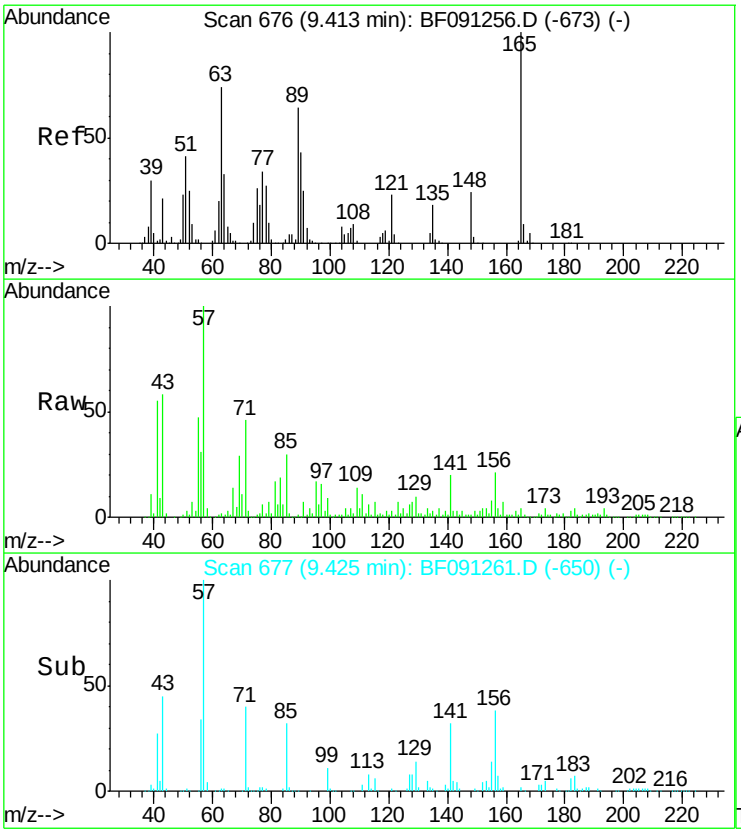

#48
Acenaphthylene
Concen: 2.99 ng
RT: 9.48 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:152 Resp: 98599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 48.9 | 16.6 | 24.8# |
| 153 | 89.1 | 10.7 | 16.1# |

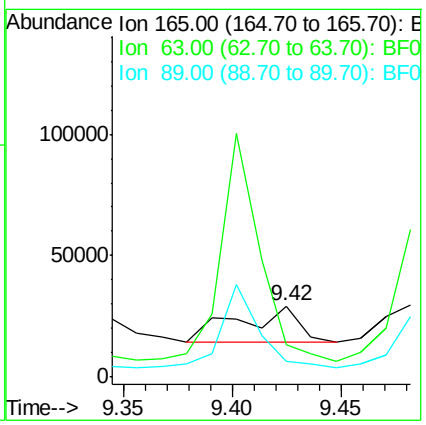


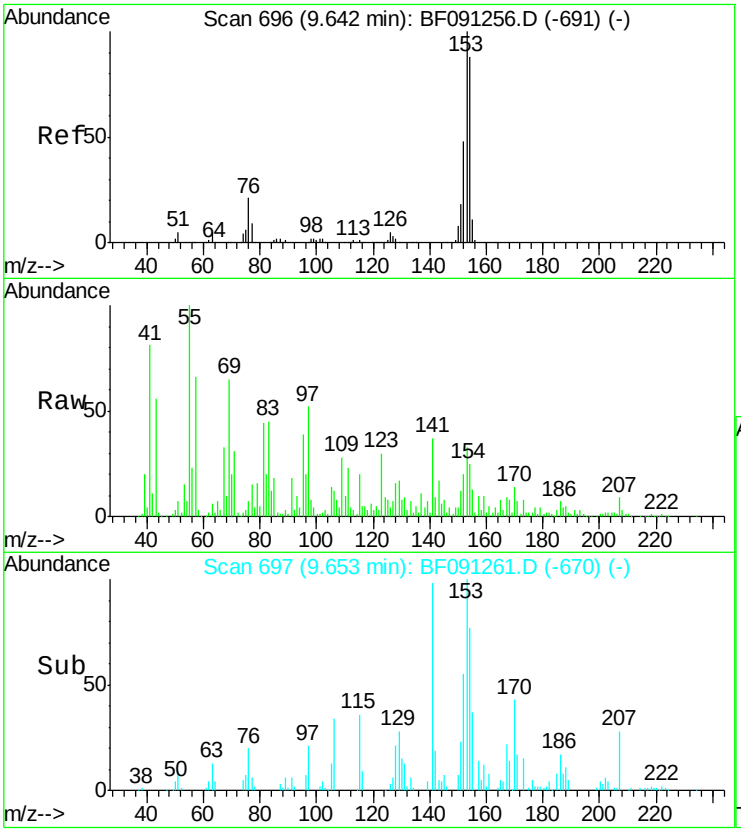




#50
2,6-Dinitrotoluene
Concen: 5.40 ng
RT: 9.42 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:165 Resp: 29789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.1 | 59.4 | 89.0# |
| 89 | 22.9 | 50.8 | 76.2# |



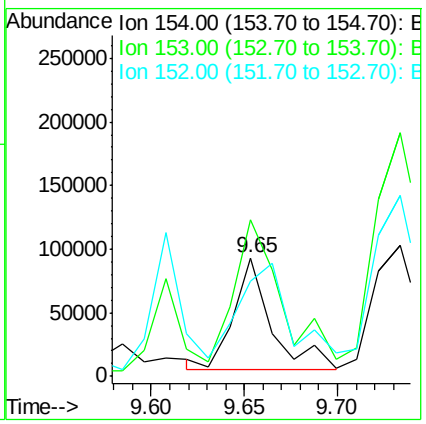


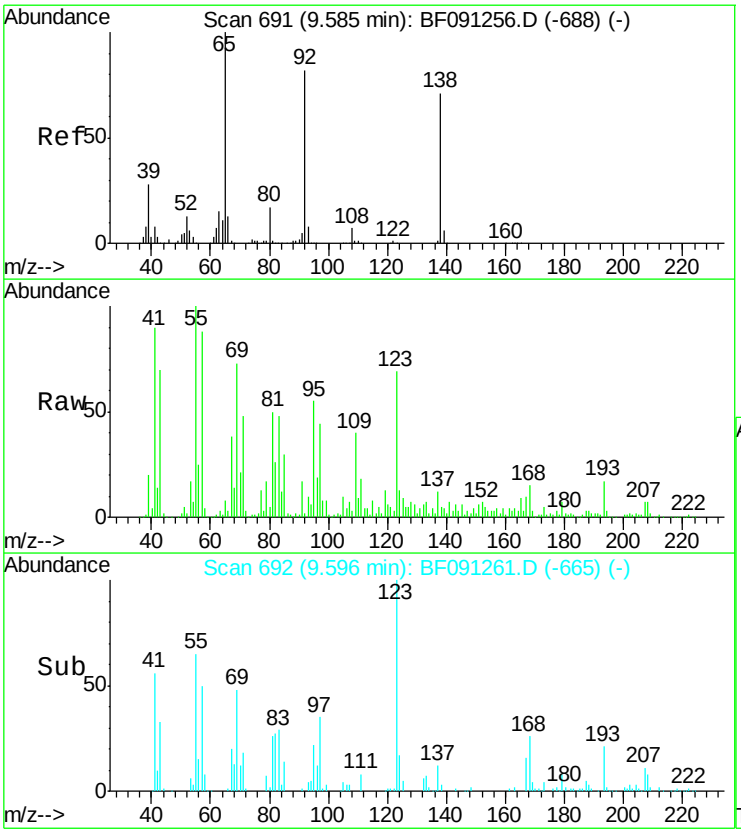

#51
Acenaphthene
Concen: 5.98 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:154 Resp: 122236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 131.7 | 91.0 | 136.6 |
| 152 | 80.2 | 44.2 | 66.2# |

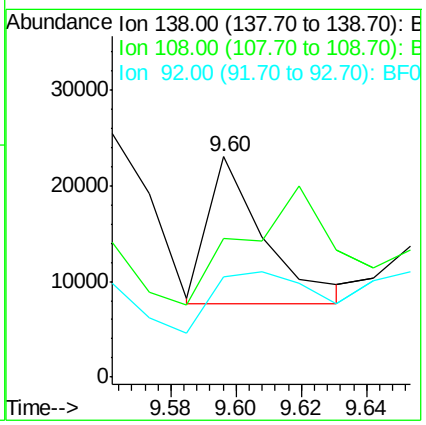


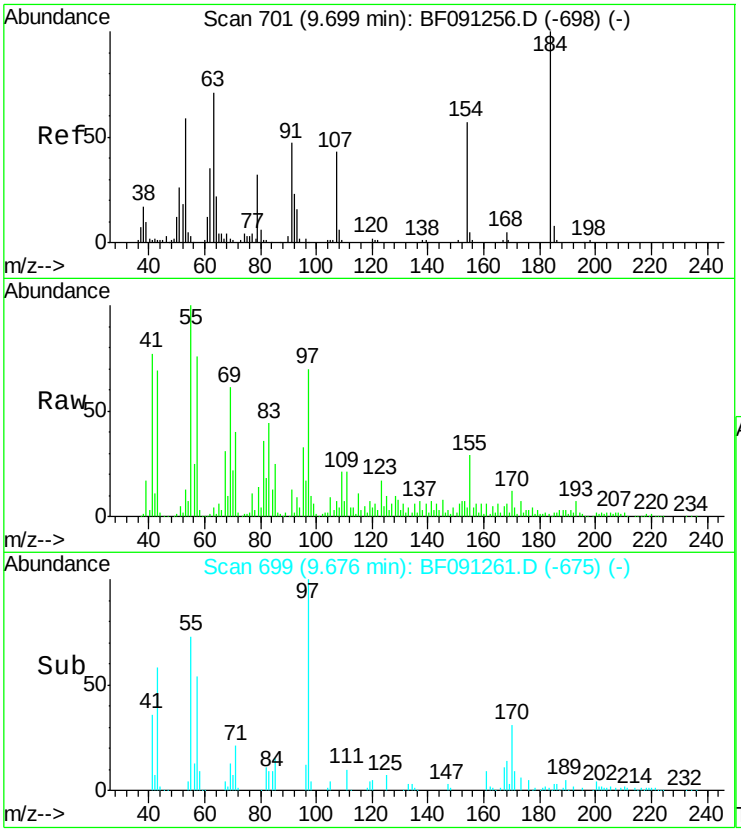




#52
3-Nitroaniline
Concen: 3.15 ng
RT: 9.60 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:138 Resp: 18546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 63.0 | 8.1 | 12.1# |
| 92 | 45.2 | 92.5 | 138.7# |



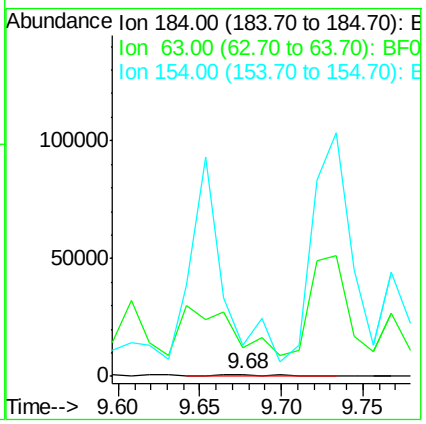


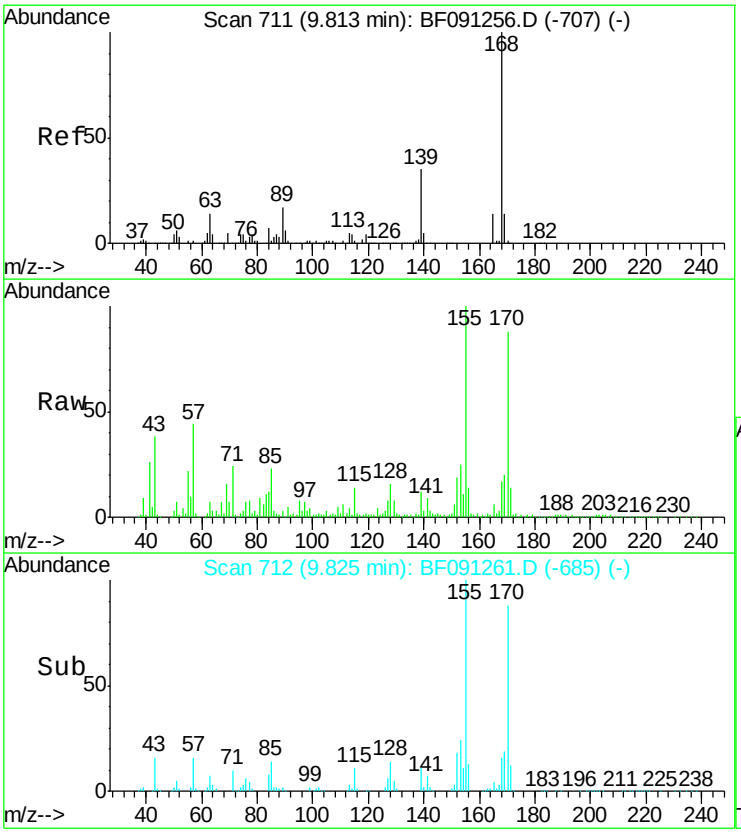

#53
2,4-Dinitrophenol
Concen: 7.40 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:184 Resp: 2489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 1242.6 | 58.3 | 87.5# |
| 154 | 1355.1 | 48.6 | 73.0# |

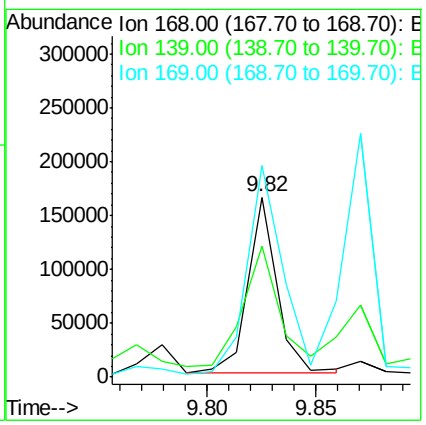


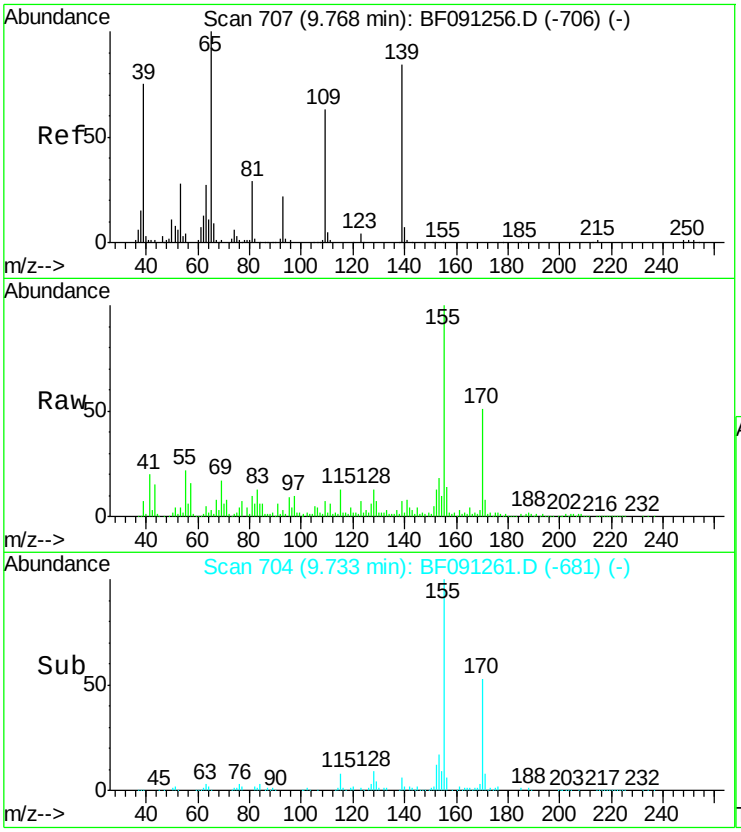




#54
Dibenzofuran
Concen: 5.31 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:168 Resp: 151143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 72.5 | 33.4 | 50.2# |
| 169 | 118.0 | 11.1 | 16.7# |



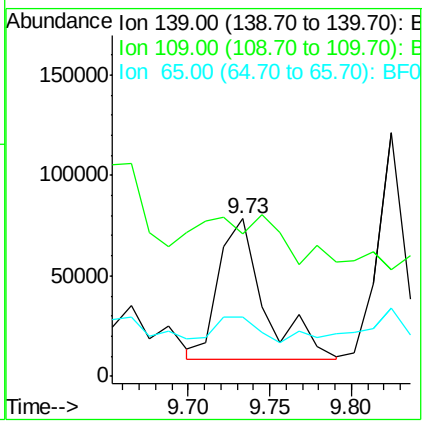


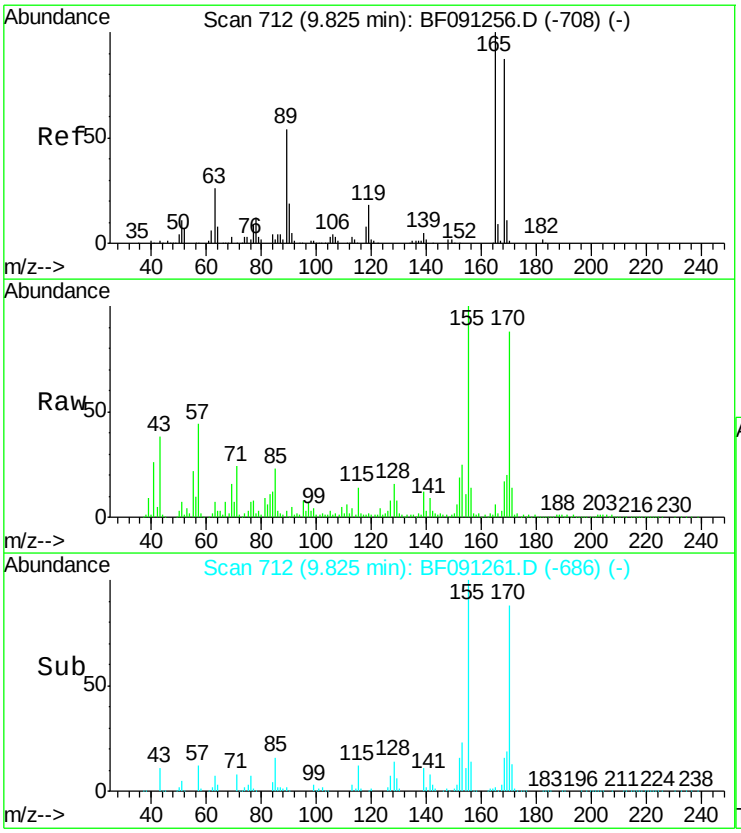

#55
4-Nitrophenol
Concen: 50.19 ng
RT: 9.73 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:139 Resp: 137243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 90.2 | 54.9 | 94.9 |
| 65 | 37.7 | 102.2 | 142.2# |

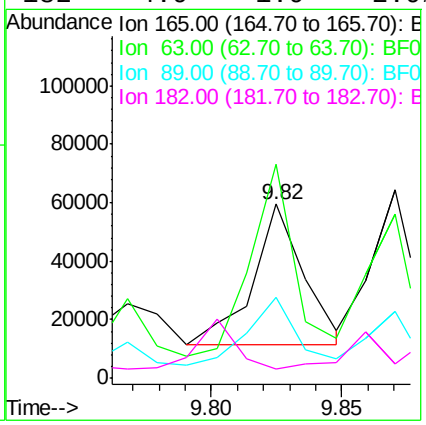


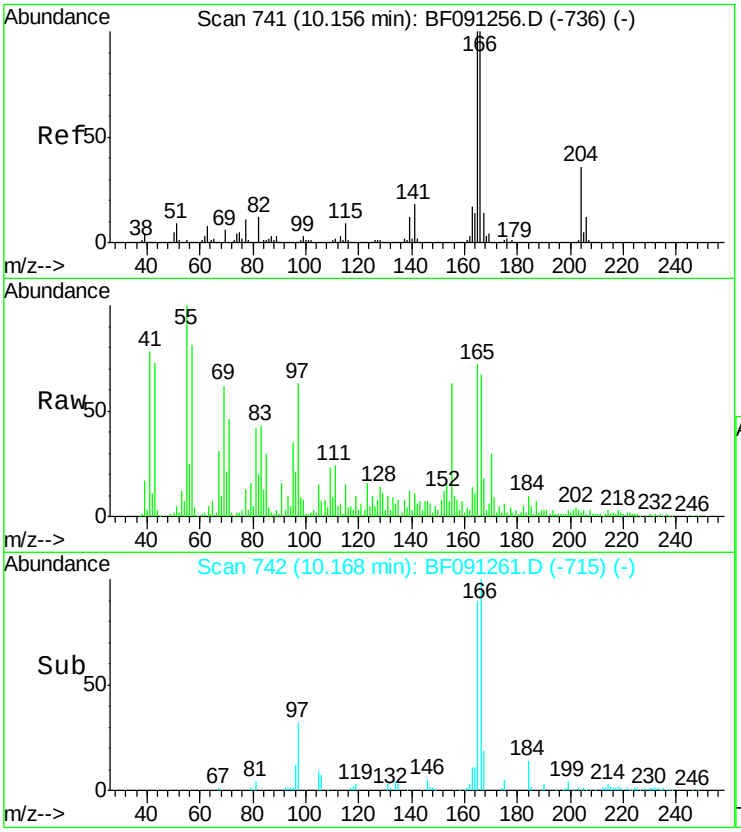




#56
2,4-Dinitrotoluene
Concen: 9.49 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:165 Resp: 65957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 122.8 | 29.0 | 43.4# |
| 89 | 46.5 | 43.1 | 64.7 |
| 182 | 4.9 | 1.9 | 2.9# |



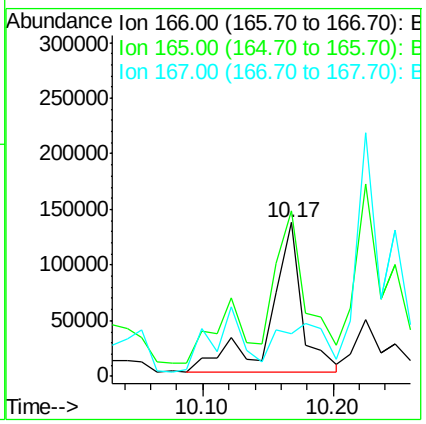


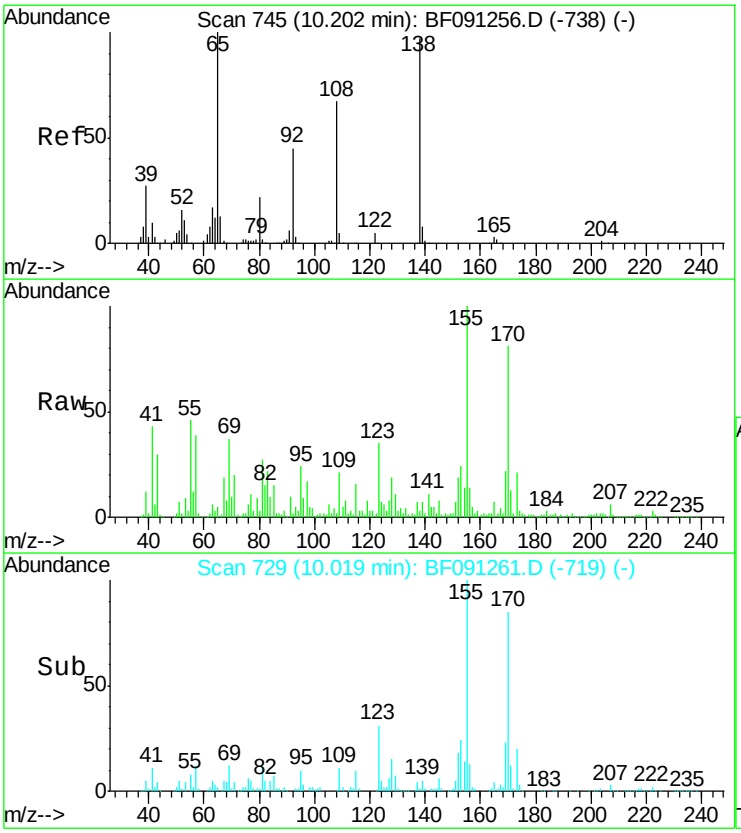

#57
Fluorene
Concen: 9.87 ng
RT: 10.17 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:166 Resp: 227188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 107.5 | 80.0 | 120.0 |
| 167 | 27.4 | 10.8 | 16.2# |

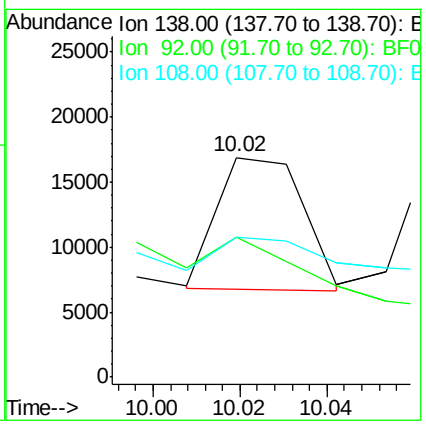


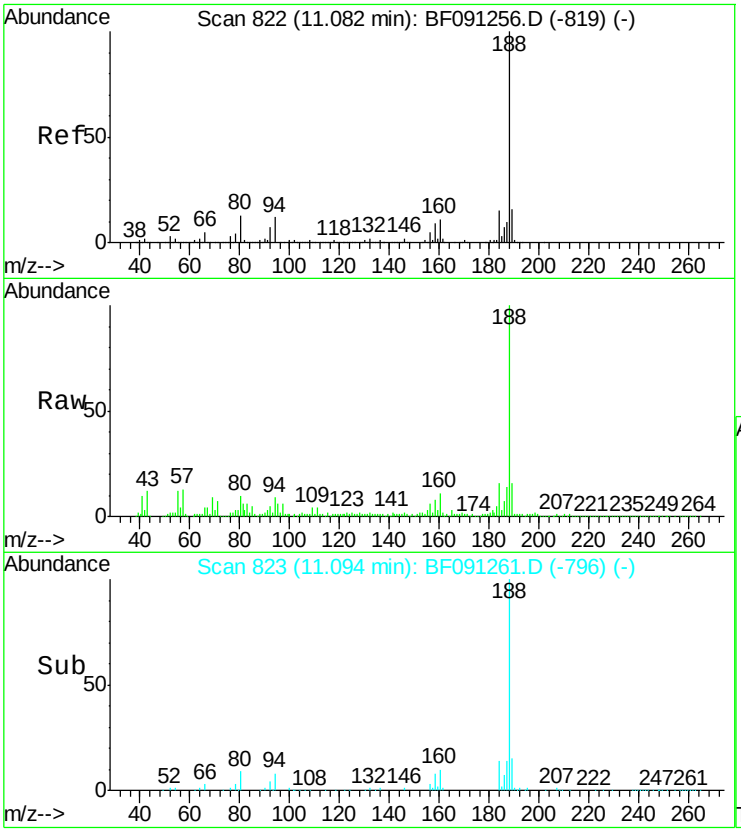




#61
4-Nitroaniline
Concen: 2.29 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.18 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:138 Resp: 13851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 63.9 | 26.9 | 66.9 |
| 108 | 63.6 | 49.1 | 89.1 |



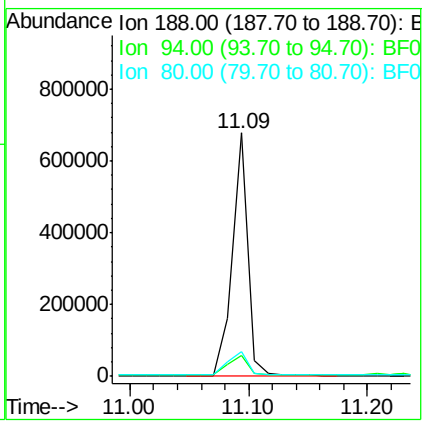


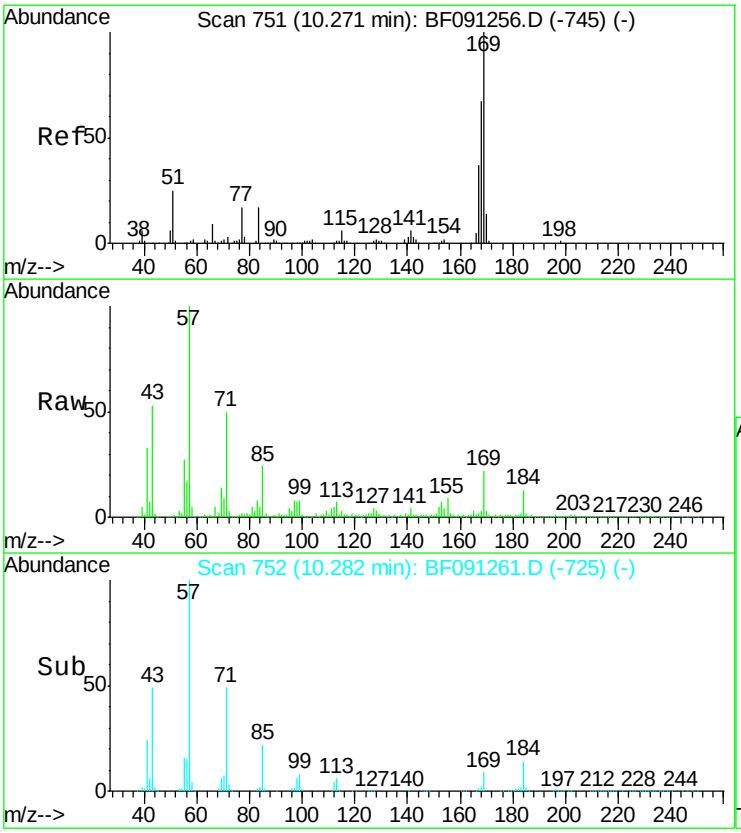

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:188 Resp: 616409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 9.2 | 13.8# |
| 80 | 9.9 | 10.5 | 15.7# |

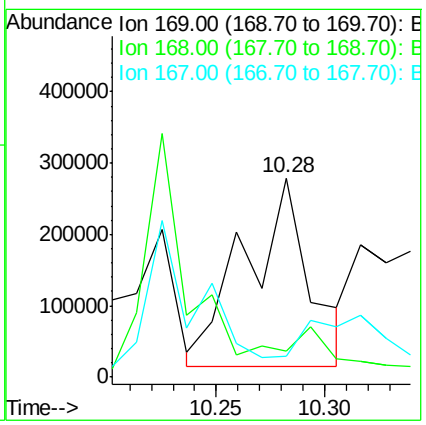


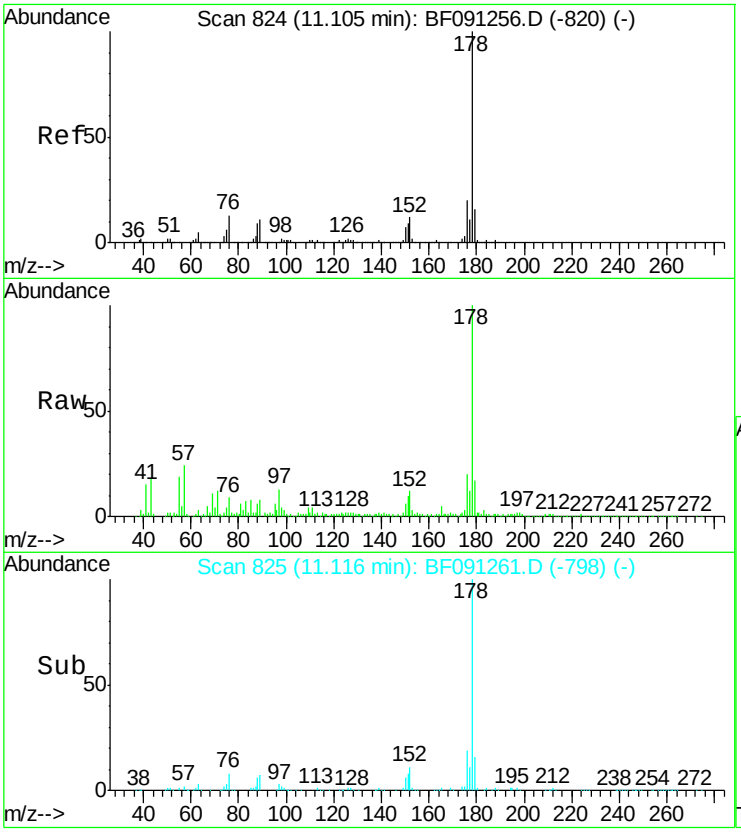




#65
n-Nitrosodiphenylamine
Concen: 29.59 ng
RT: 10.28 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:169 Resp: 549518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 13.3 | 53.8 | 80.8# |
| 167 | 10.4 | 29.8 | 44.8# |



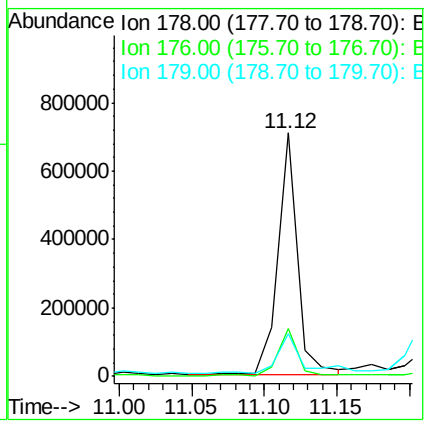


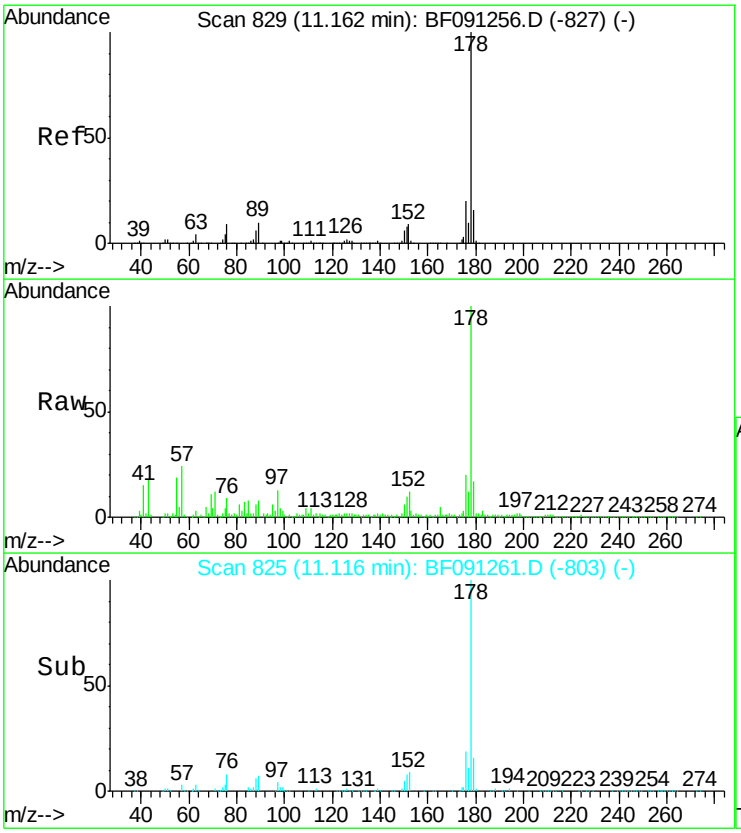

#70
Phenanthrene
Concen: 20.33 ng
RT: 11.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:178 Resp: 658535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.9 | 23.9 |
| 179 | 17.5 | 12.6 | 18.8 |

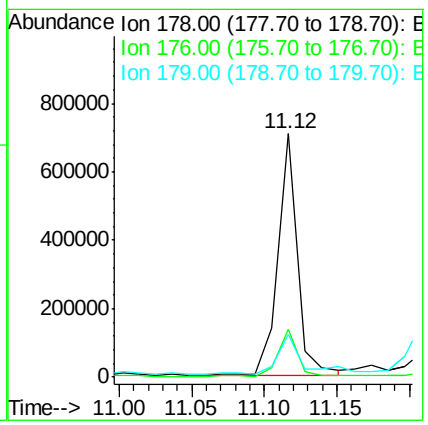


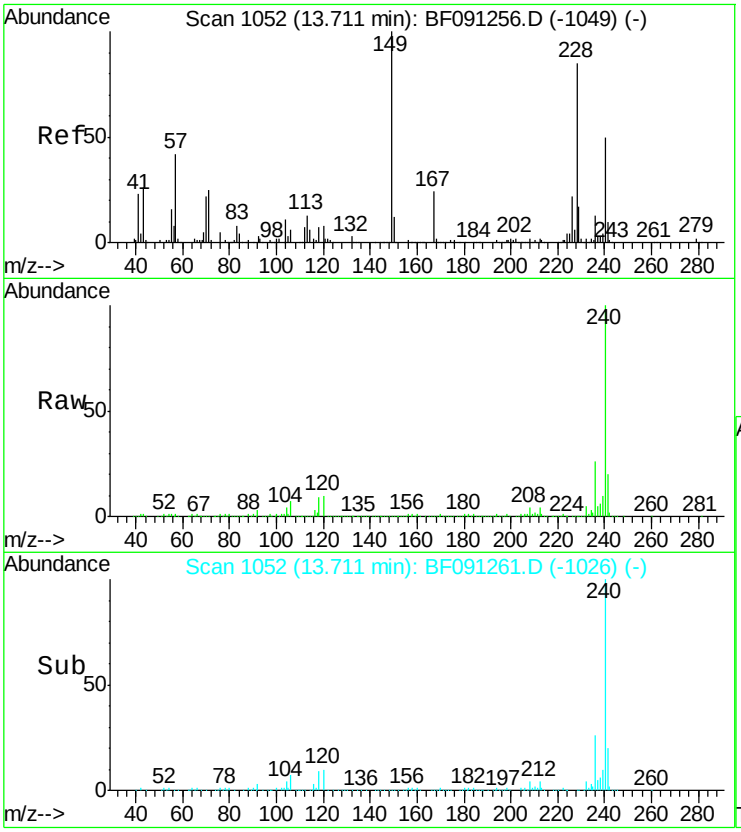




#71
Anthracene
Concen: 20.40 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:178 Resp: 658535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.6 |
| 179 | 17.5 | 12.7 | 19.1 |



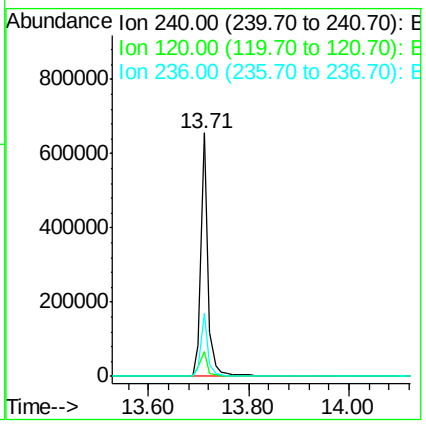


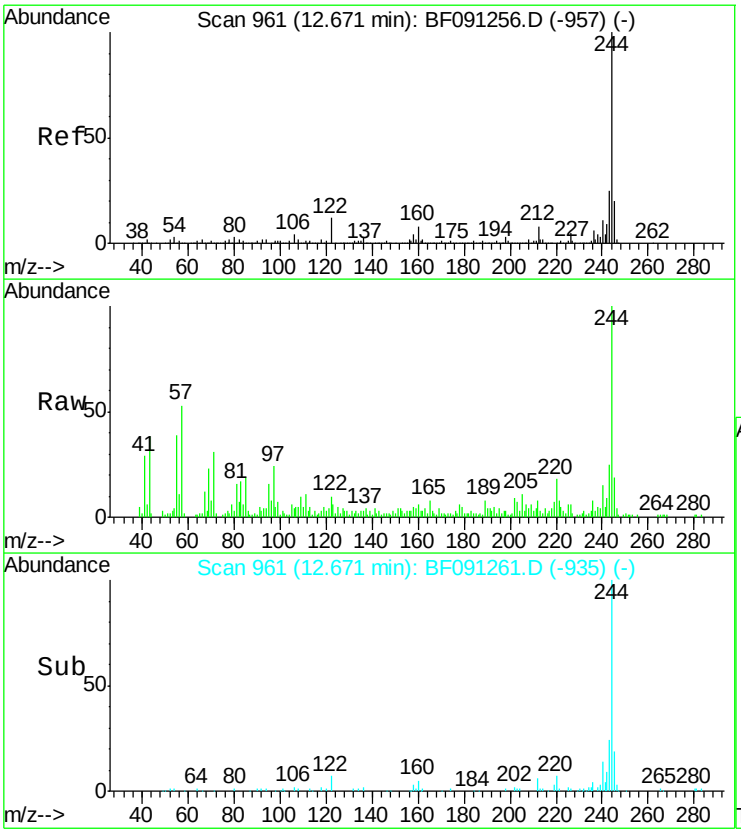

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:240 Resp: 644240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 12.1 | 18.1# |
| 236 | 26.1 | 21.0 | 31.6 |

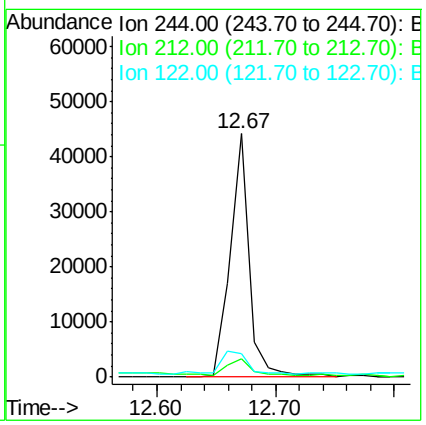


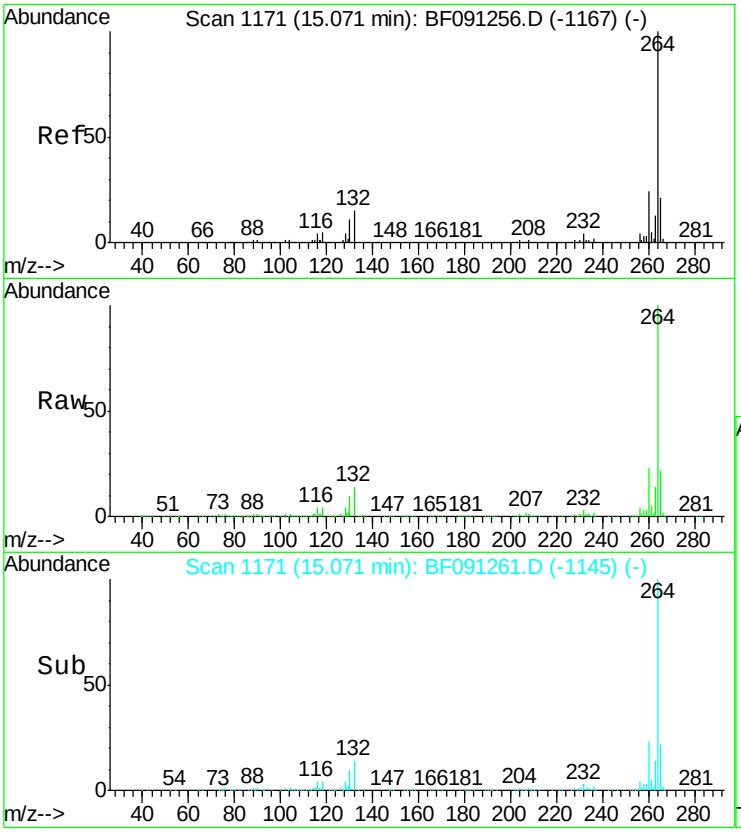




#78
Terphenyl-d14
Concen: 1.75 ng
RT: 12.67 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

Tgt Ion:244 Resp: 49669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.5 | 9.7 |
| 122 | 9.6 | 9.5 | 14.3 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF091261.D
Acq: 22 Nov 2016 00:04

**Instrument :**
BNA_F
**ClientSampleId :**
UST-SW1

Tgt Ion:264 Resp: 492300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.8 | 28.2 |
| 265 | 21.7 | 17.0 | 25.6 |