Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101690.D
Acq On : 23 Dec 2017 9:02
Operator : SJ/JU
Sample : I6837-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** WC-69-01

Quant Time: Dec 24 22:33:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 158765 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 608809 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 268396 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 459395 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.96 | 240 | 311867 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.43 | 264 | 286694 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 1186564 | 111.33 | ng | | 0.10 |
| 7) Phenol-d6 | 6.45 | 99 | 1064008 | 80.21 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 972239 | 88.90 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 321868 | 124.46 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 1514252 | 87.52 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 1356019 | 104.82 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Pyridine | 3.41 | 79 | 5198265 | 341.625 | ng | | 95 |
| 6) Aniline | 6.48 | 93 | 84552 | 4.587 | ng | # | 1 |
| 9) Benzaldehyde | 6.22 | 77 | 73736 | 7.527 | ng | # | 1 |
| 10) Phenol | 6.49 | 94 | 2809785 | 185.848 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.48 | 93 | 84552 | 7.130 | ng | # | 1 |
| 17) 2-Methylphenol | 7.06 | 107 | 481782 | 46.714 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 131497 | 15.095 | ng | # | 81 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 1532254 | 140.202 | ng | | 86 |
| 22) Acetophenone | 7.22 | 105 | 58967 | 4.245 | ng | # | 1 |
| 24) Nitrobenzene | 7.47 | 77 | 126662 | 10.464 | ng | # | 42 |
| 25) Isophorone | 7.36 | 82 | 972231 | 44.313 | ng | # | 64 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 238209 | 26.963 | ng | | 95 |
| 31) Naphthalene | 8.09 | 128 | 2005734 | 65.441 | ng | | 99 |
| 32) Benzoic acid | 7.87 | 122 | 423976 | 67.372 | ng | # | 14 |
| 33) 4-Chloroaniline | 8.09 | 127 | 274573 | 20.611 | ng | # | 33 |
| 37) 2-Methylnaphthalene | 8.78 | 142 | 127180 | 6.369 | ng | | 99 |
| 48) Acenaphthylene | 9.69 | 152 | 135645 | 4.715 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.82 | 165 | 35717 | 8.140 | ng | # | 26 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 662 | 10.698 | ng | # | 1 |
| 54) Dibenzofuran | 10.03 | 168 | 135554 | 6.172 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 9.82 | 165 | 35717 | 7.225 | ng | # | 24 |
| 57) Fluorene | 10.37 | 166 | 189632 | 10.206 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 19508 | 3.779 | ng | # | 1 |
| 70) Phenanthrene | 11.34 | 178 | 538476 | 21.077 | ng | | 99 |
| 71) Anthracene | 11.34 | 178 | 538476 | 20.634 | ng | | 99 |
| 72) Carbazole | 11.56 | 167 | 868146 | 35.532 | ng | | 98 |
| 74) Fluoranthene | 12.53 | 202 | 89966 | 3.355 | ng | | 98 |
| 77) Pyrene | 12.76 | 202 | 54357 | 2.322 | ng | | 97 |

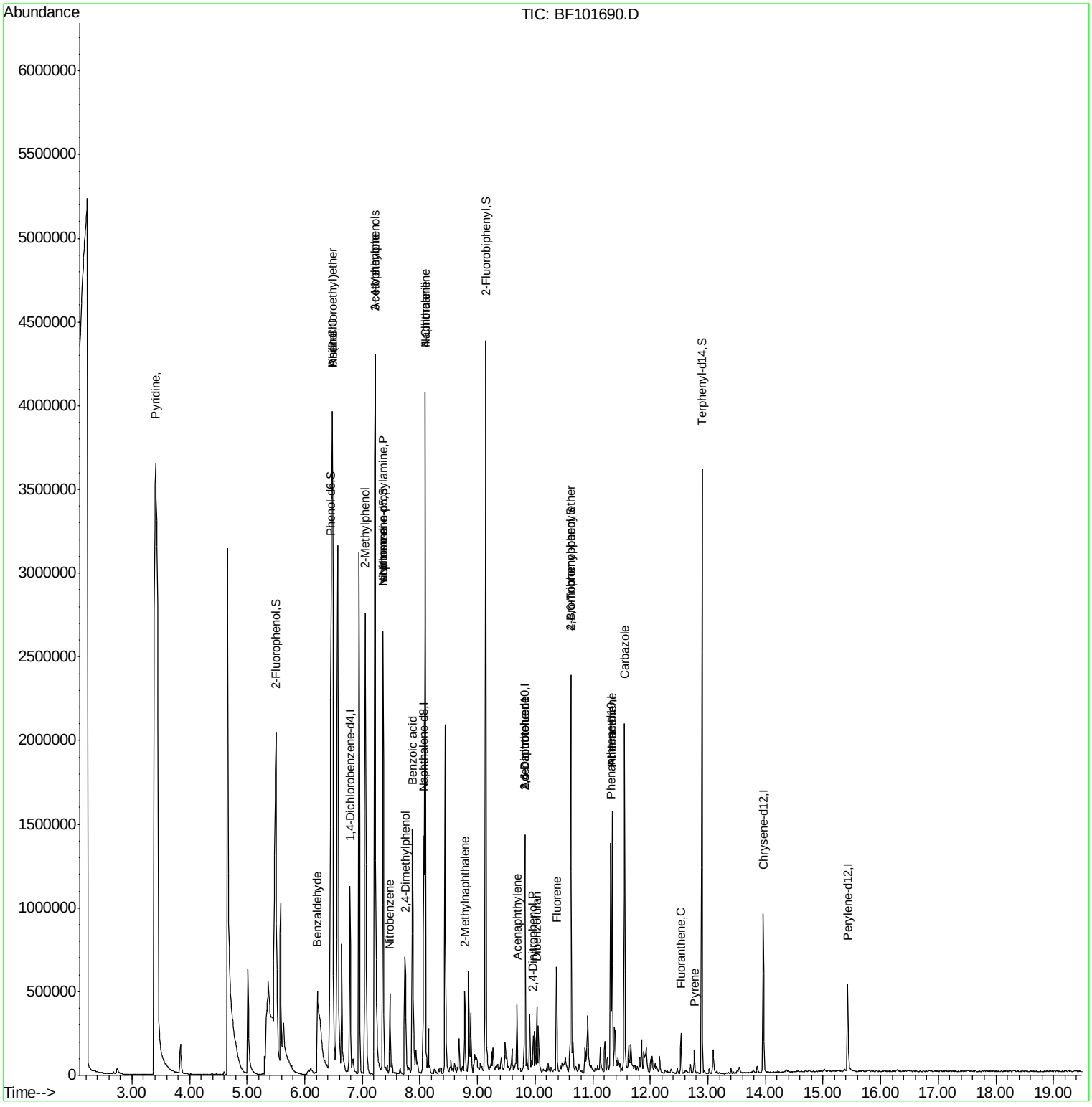
(#) = qualifier out of range (m) = manual integration (+) = signals summed

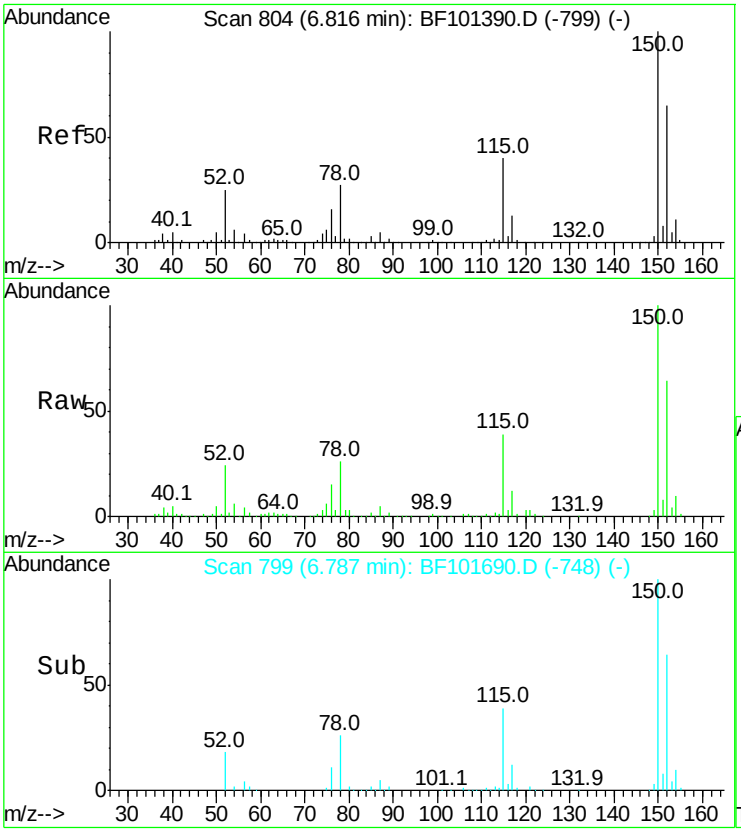
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101690.D
Acq On : 23 Dec 2017 9:02
Operator : SJ/JU
Sample : I6837-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Quant Time: Dec 24 22:33:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



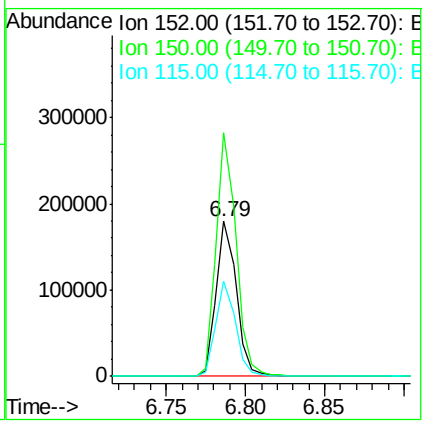


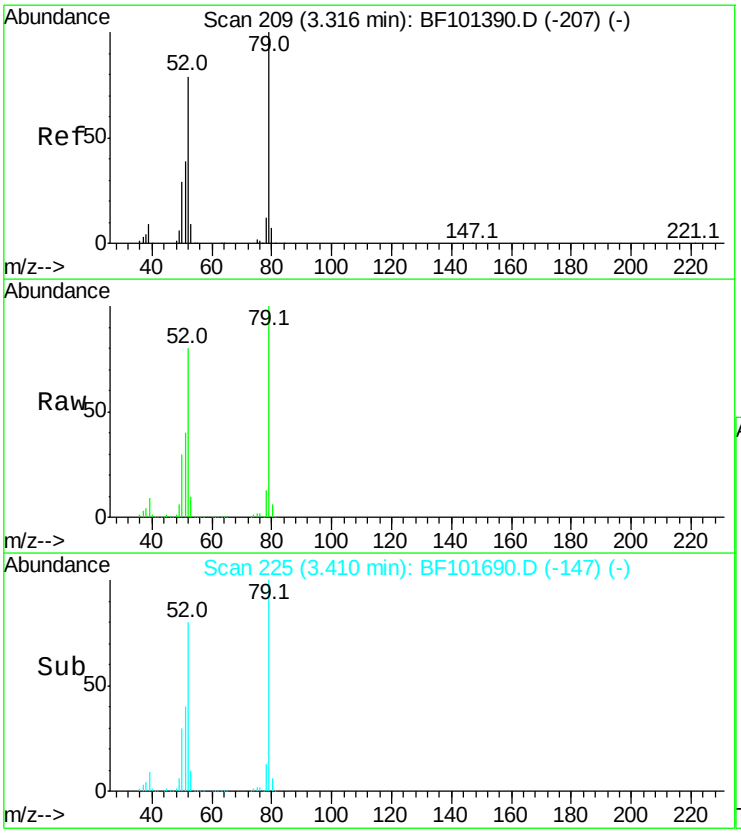

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:152 Resp: 158765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 124.6 | 186.8 |
| 115 | 61.1 | 50.1 | 75.1 |

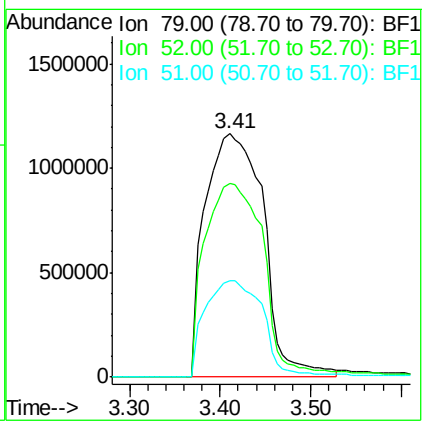


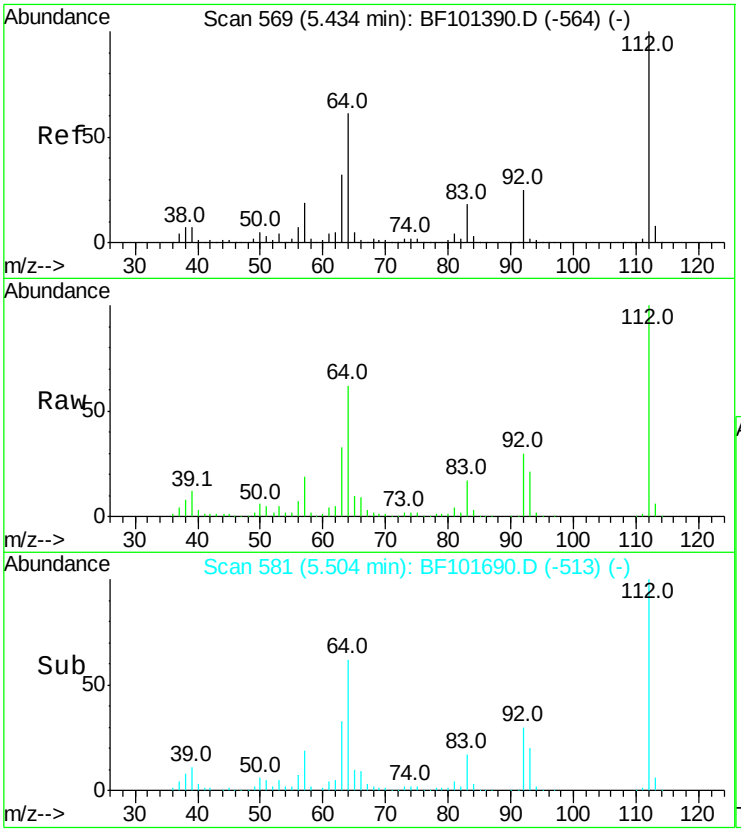




#3
Pyridine
Concen: 341.625 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.16 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 79 Resp: 5198265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.7 | 59.8 | 89.6 |
| 51 | 39.7 | 29.8 | 44.8 |



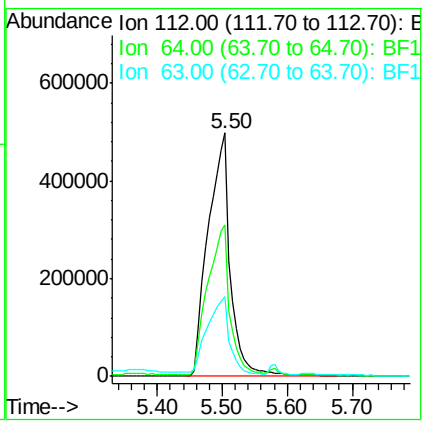


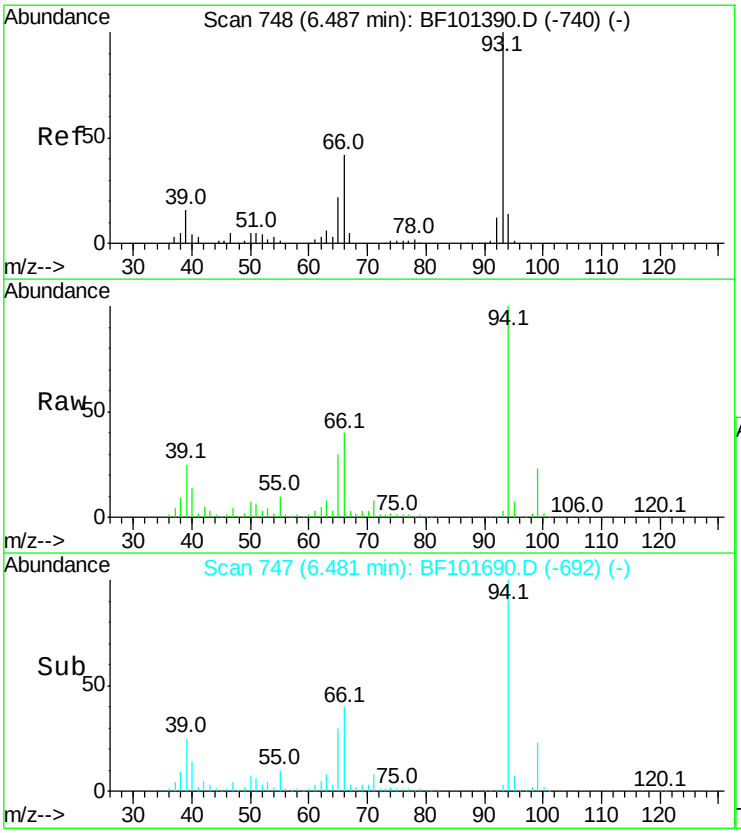

#5
2-Fluorophenol
Concen: 111.327 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.10 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:112 Resp: 1186564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.1 | 47.9 | 71.9 |
| 63 | 32.7 | 23.7 | 35.5 |

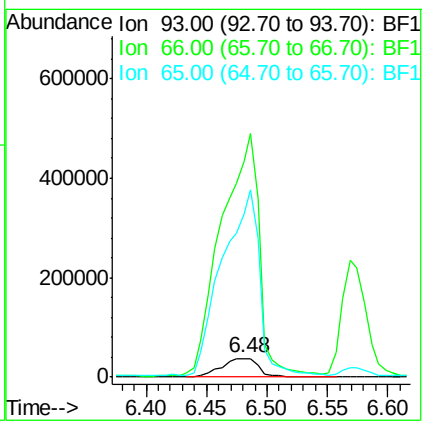


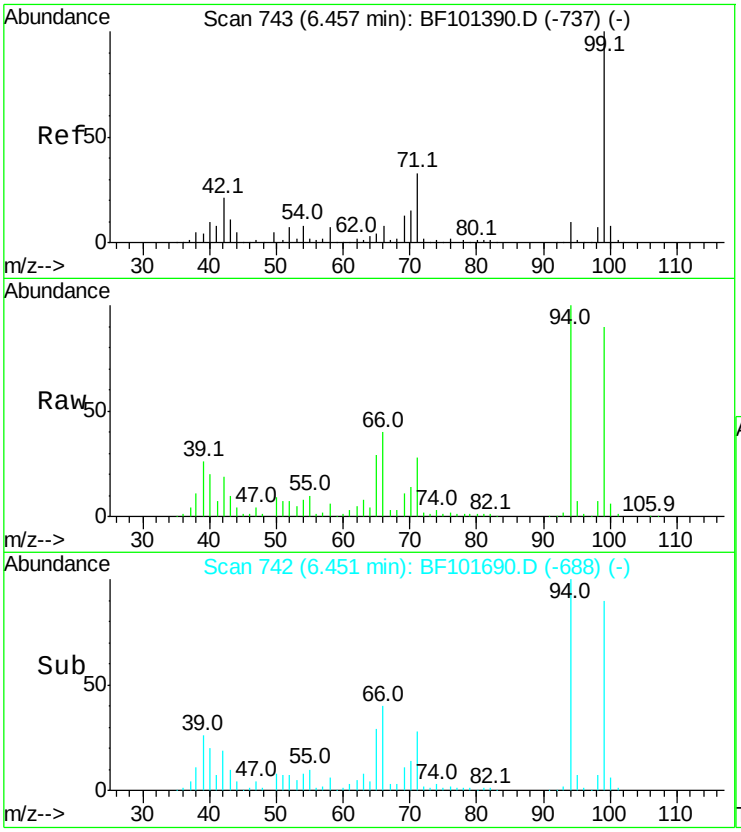




#6
Aniline
Concen: 4.587 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 93 Resp: 84552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 1140.0 | 32.2 | 48.2# |
| 65 | 865.6 | 16.4 | 24.6# |



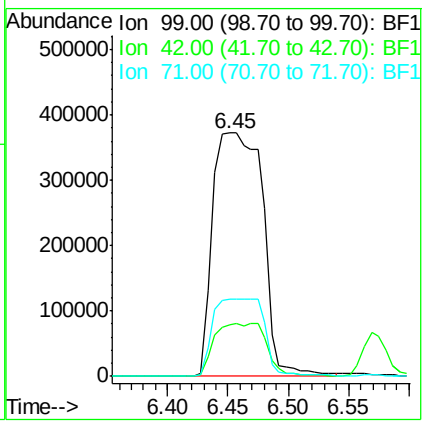


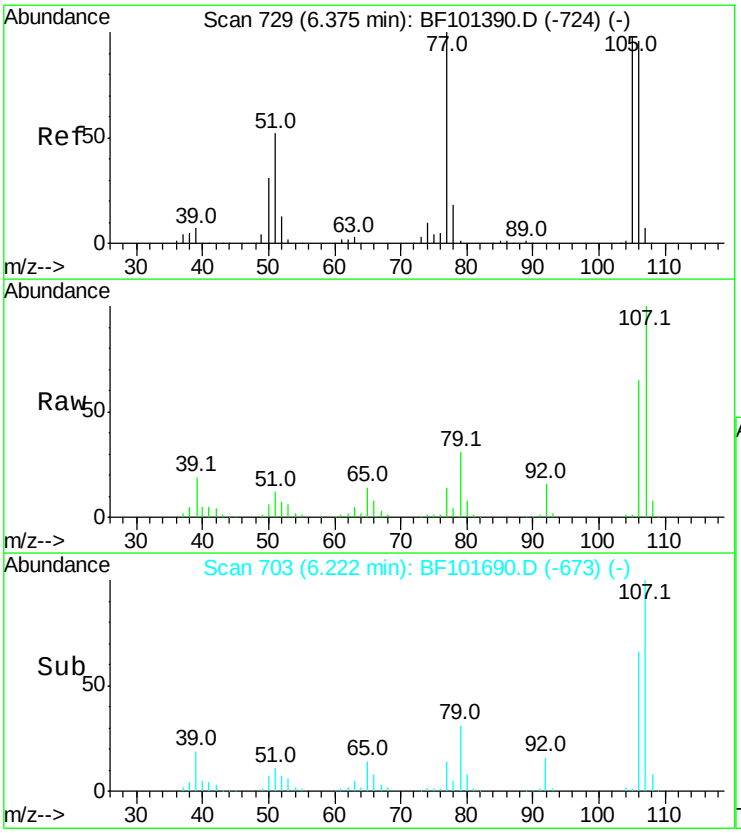

#7
Phenol-d6
Concen: 80.213 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion: 99 Resp: 1064008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 14.5 | 21.7 |
| 71 | 31.5 | 25.4 | 38.0 |

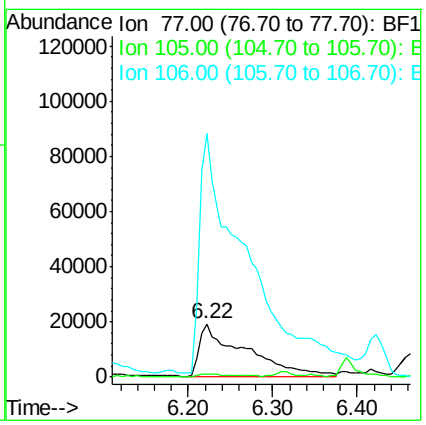


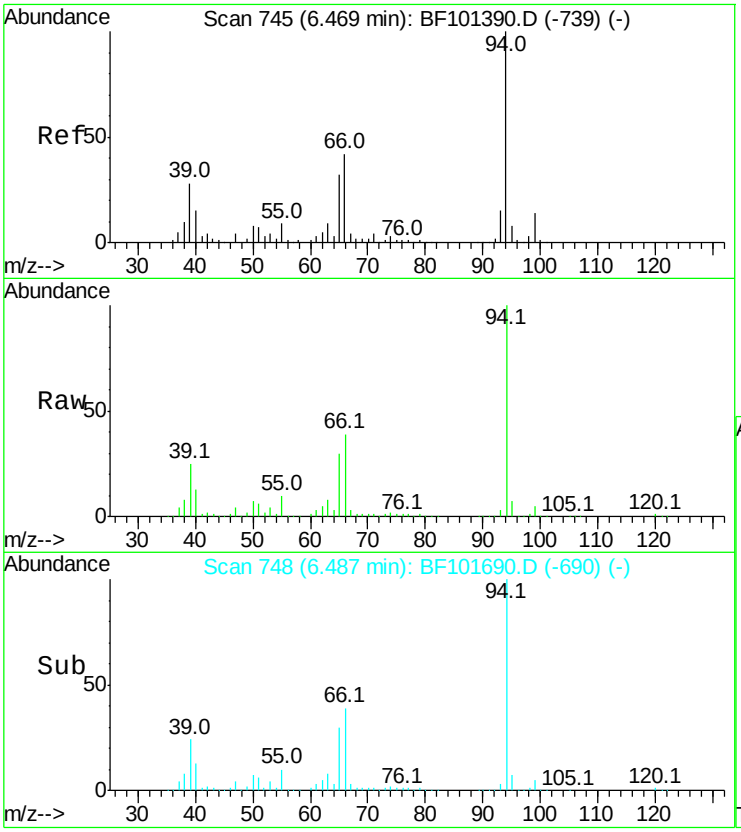




#9
Benzaldehyde
Concen: 7.527 ng
RT: 6.22 min Scan# 703
Delta R.T. -0.12 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 77 Resp: 73736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 5.3 | 81.1 | 121.1# |
| 106 | 456.2 | 74.5 | 114.5# |



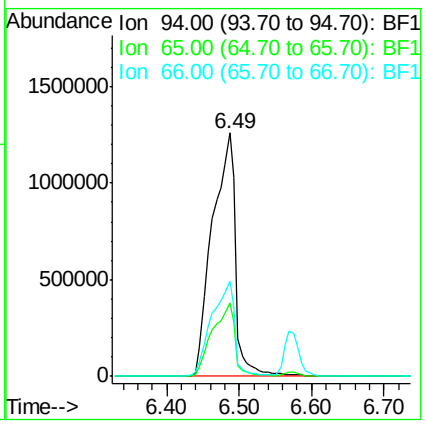


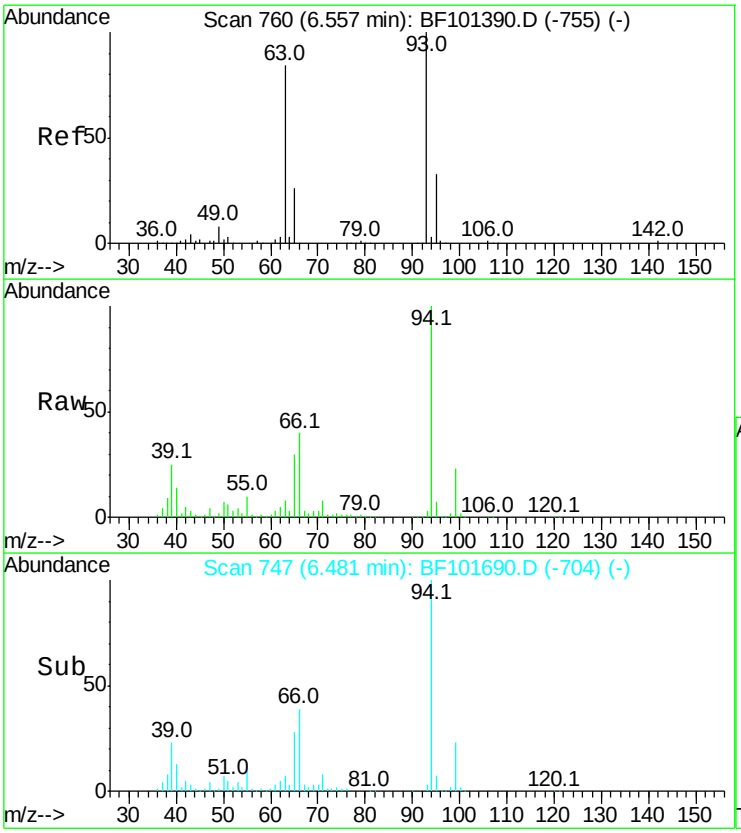

#10
Phenol
Concen: 185.848 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.04 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion: 94 Resp: 2809785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.9 | 7.9 | 47.9 |
| 66 | 38.9 | 16.2 | 56.2 |

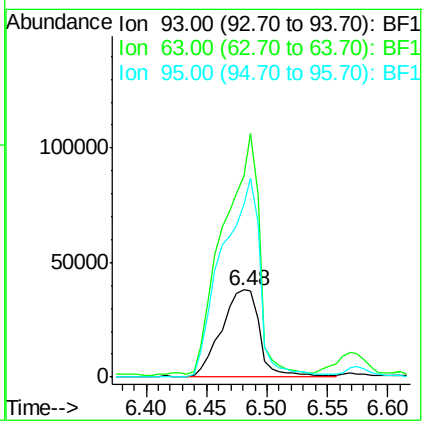


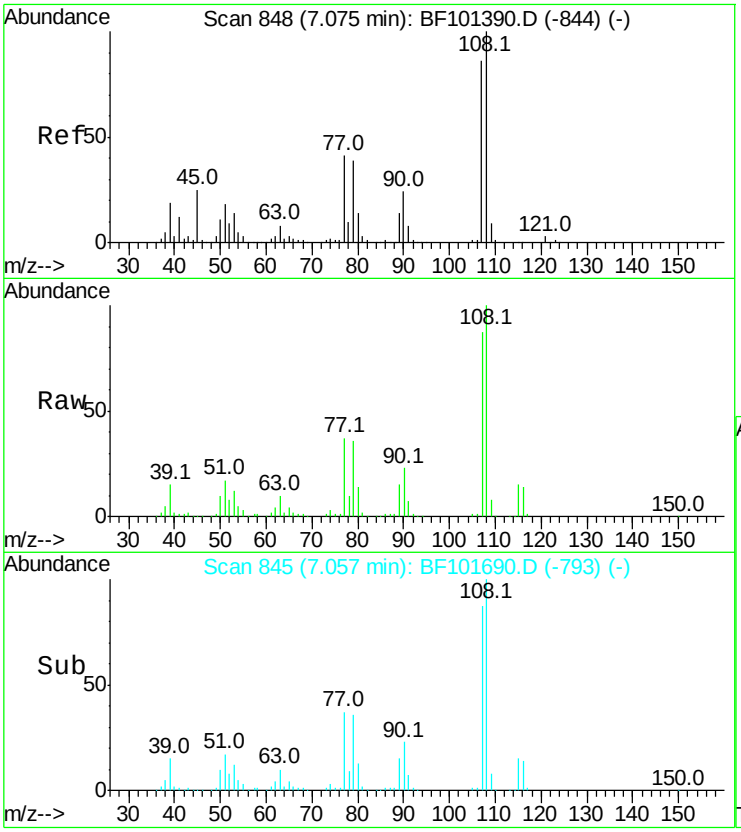




#11
bis(2-Chloroethyl)ether
Concen: 7.130 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 93 Resp: 84552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 231.9 | 58.6 | 98.6# |
| 95 | 198.7 | 11.8 | 51.8# |



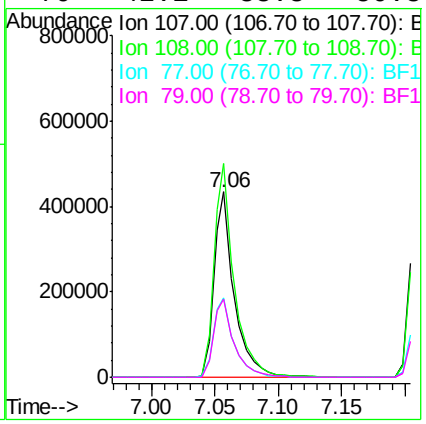


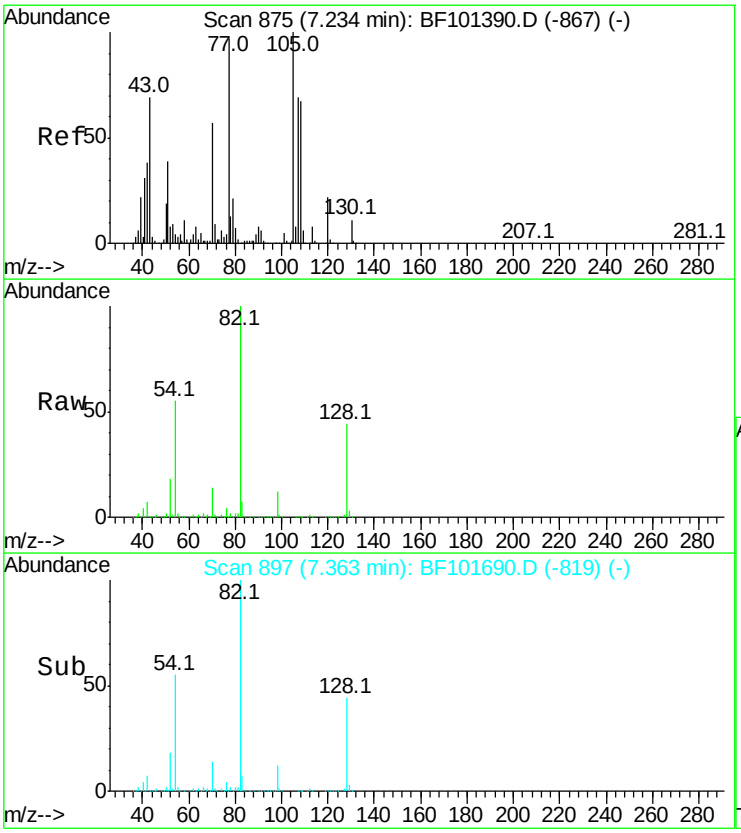

#17
2-Methylphenol
Concen: 46.714 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:107 Resp: 481782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.4 | 91.7 | 137.5 |
| 77 | 43.2 | 33.8 | 50.8 |
| 79 | 42.1 | 33.8 | 50.8 |

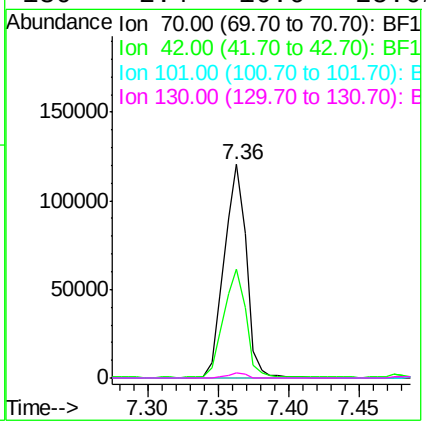


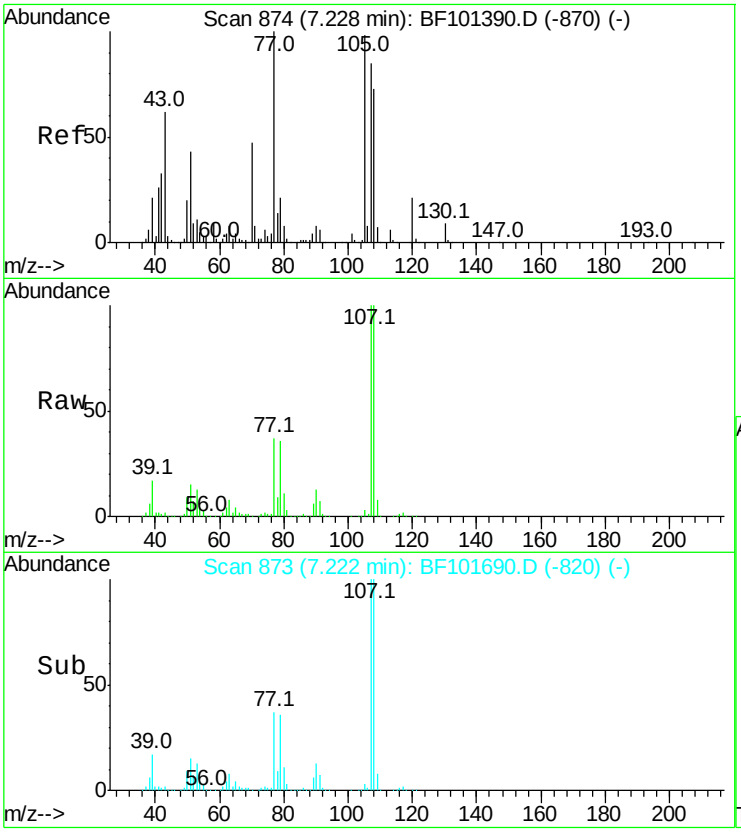




#19
n-Nitroso-di-n-propylamine
Concen: 15.095 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 70 Resp: 131497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.8 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.4 | 16.6 | 25.0# |



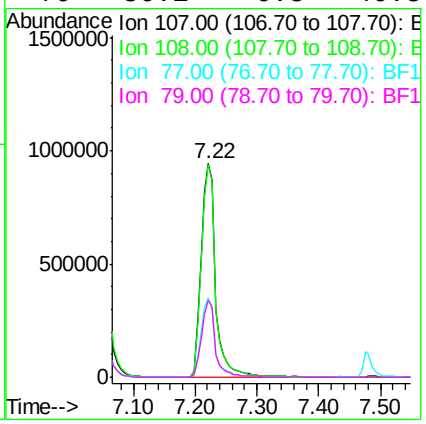


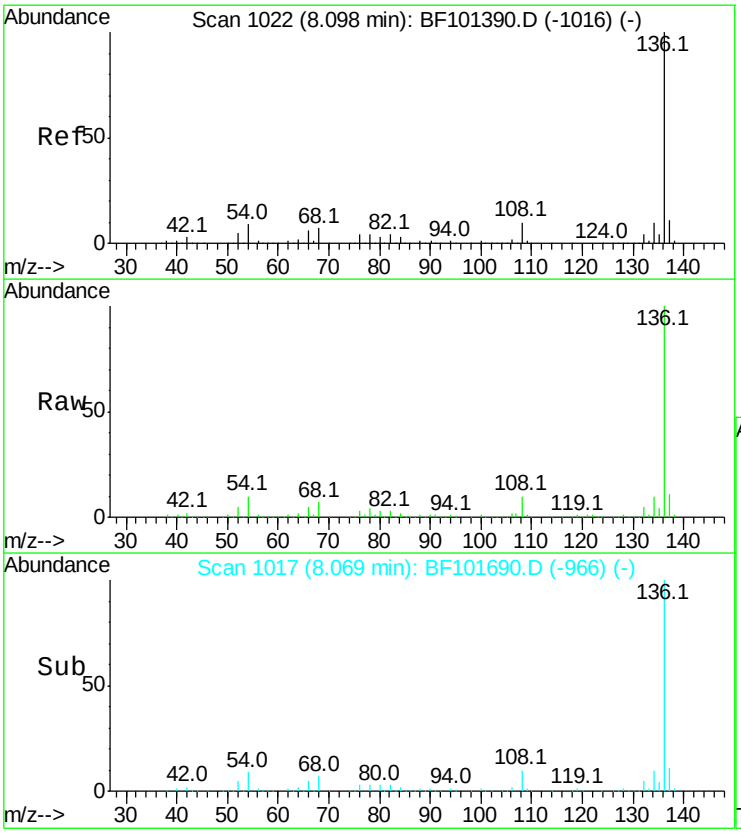

#20
3+4-Methylphenols
Concen: 140.202 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:107 Resp: 1532254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 99.7 | 68.2 | 108.2 |
| 77 | 37.1 | 26.7 | 66.7 |
| 79 | 36.1 | 6.3 | 46.3 |

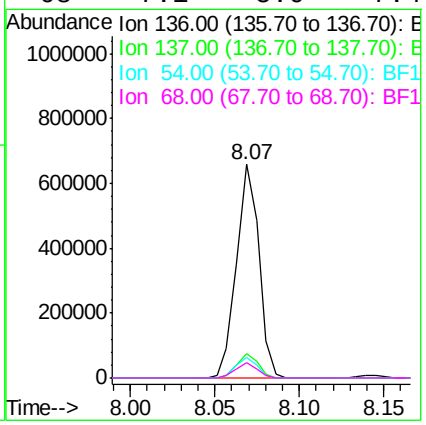


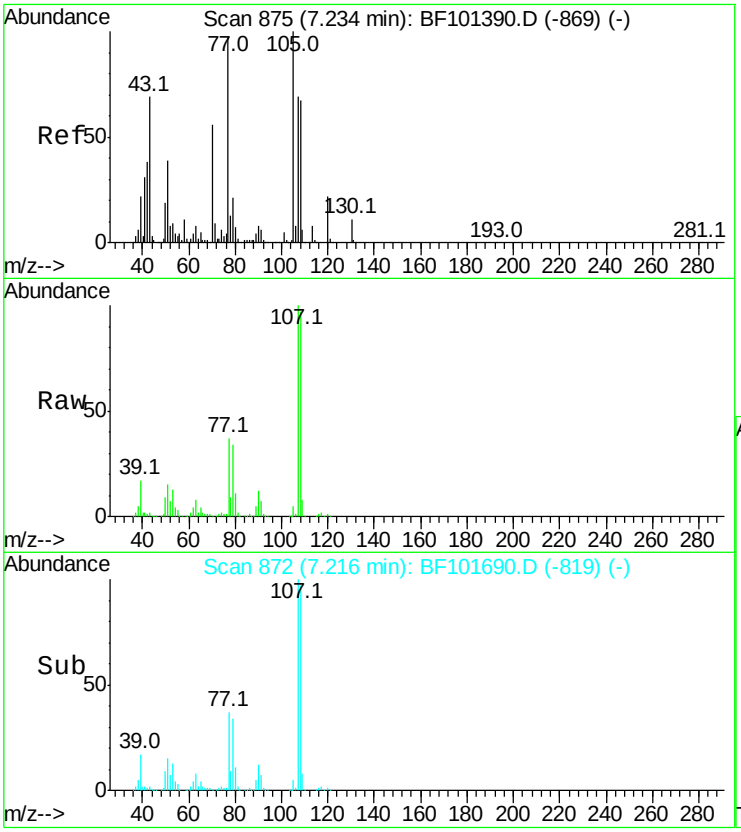




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:136 Resp: 608809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.9 | 13.3 |
| 54 | 9.6 | 6.6 | 9.8 |
| 68 | 7.1 | 5.0 | 7.4 |



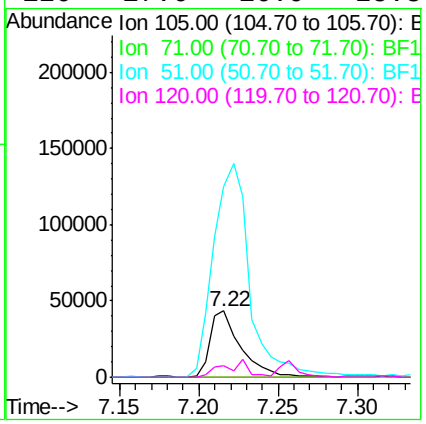


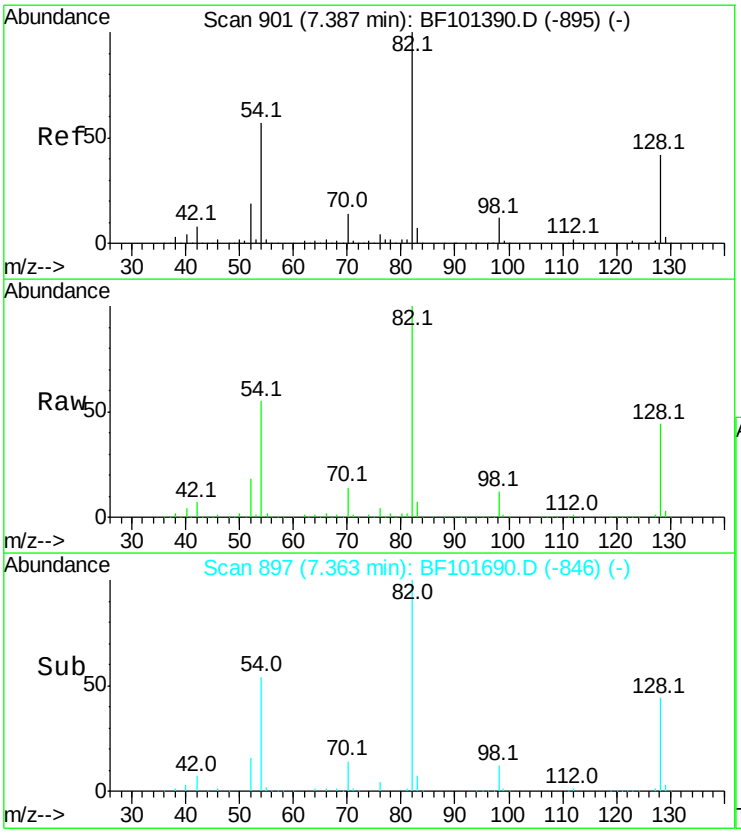

#22
Acetophenone
Concen: 4.245 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:105 Resp: 58967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 4.4 | 6.6# |
| 51 | 286.6 | 22.3 | 33.5# |
| 120 | 17.6 | 16.9 | 25.3 |

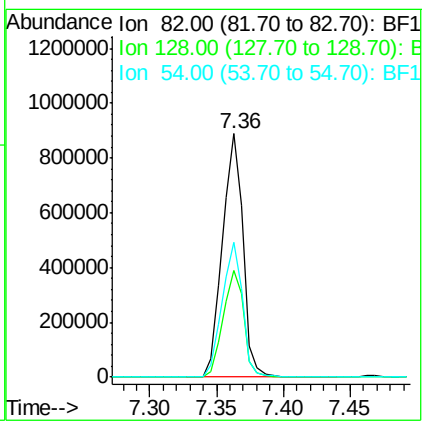


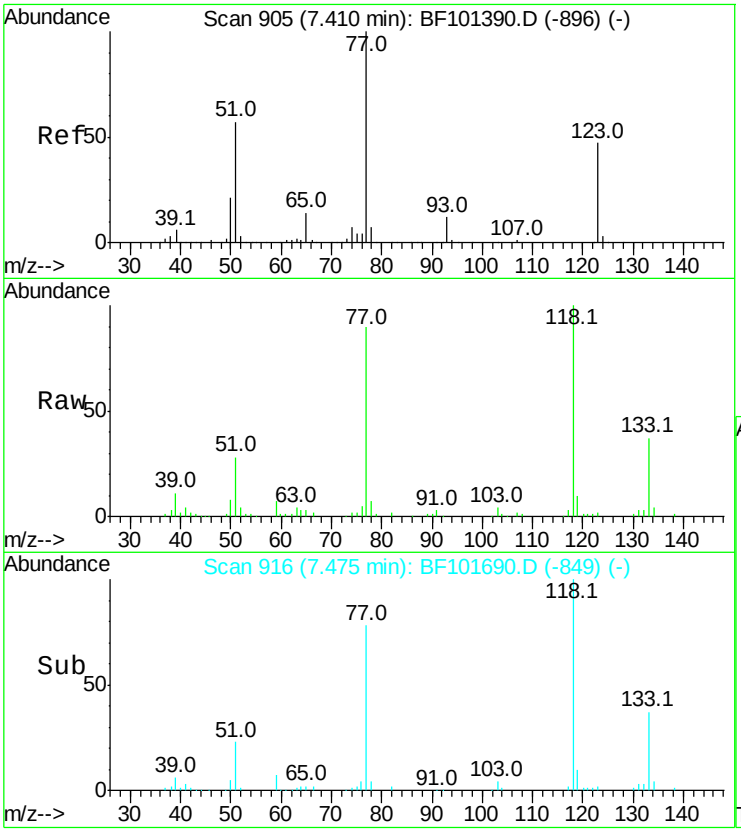




#23
Nitrobenzene-d5
Concen: 88.896 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 82 Resp: 972239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 36.1 | 54.1 |
| 54 | 55.4 | 41.4 | 62.2 |



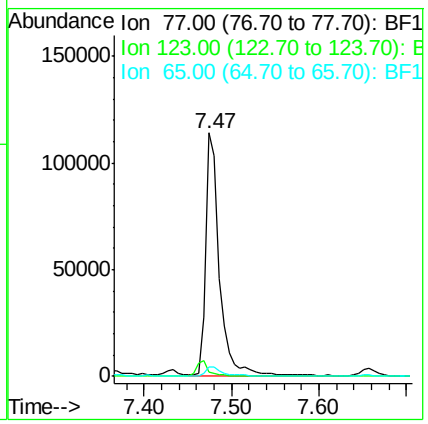


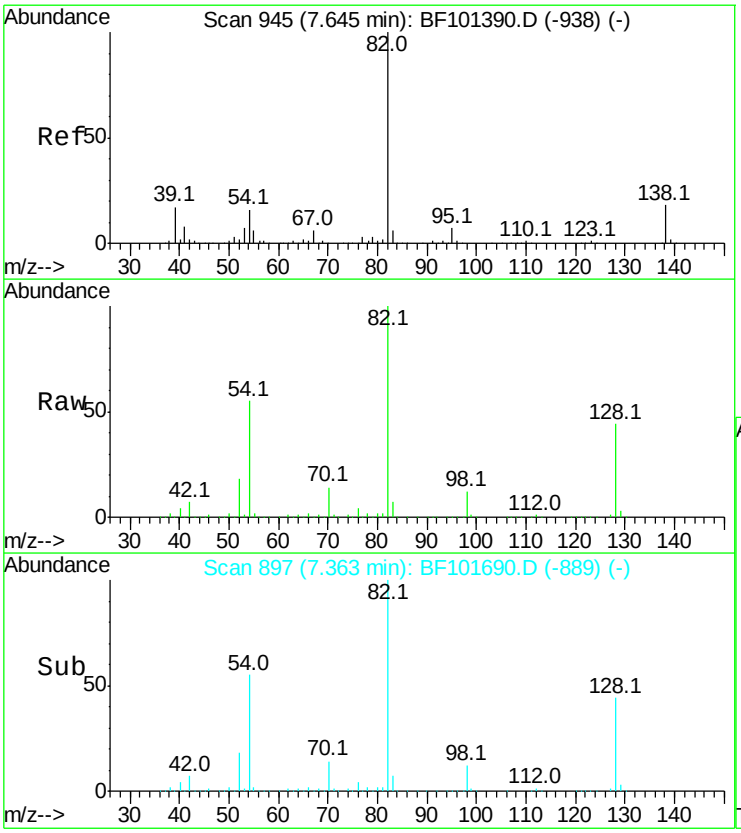

#24
Nitrobenzene
Concen: 10.464 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.09 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion: 77 Resp: 126662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 1.8 | 37.9 | 56.9# |
| 65 | 3.7 | 11.0 | 16.4# |

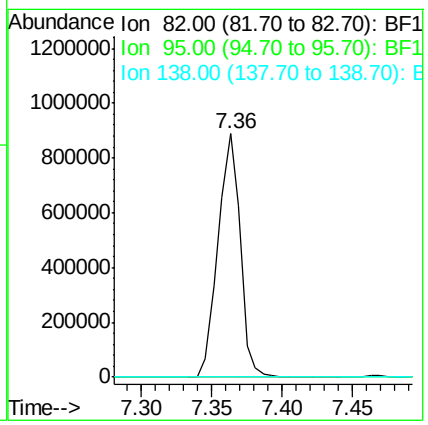


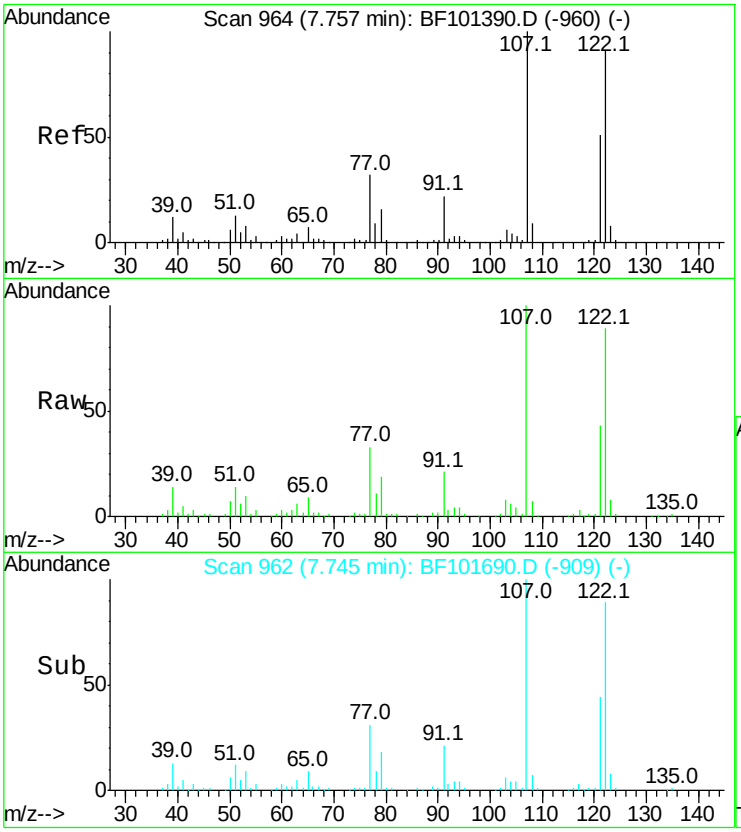




#25
Isophorone
Concen: 44.313 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion: 82 Resp: 972231

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



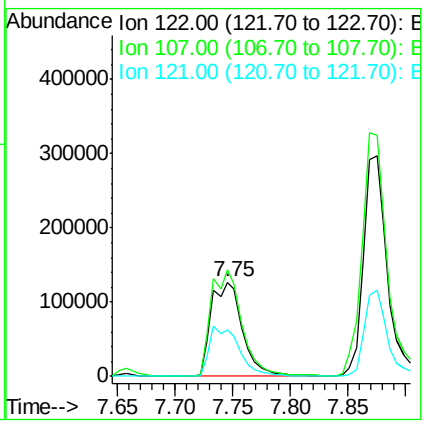


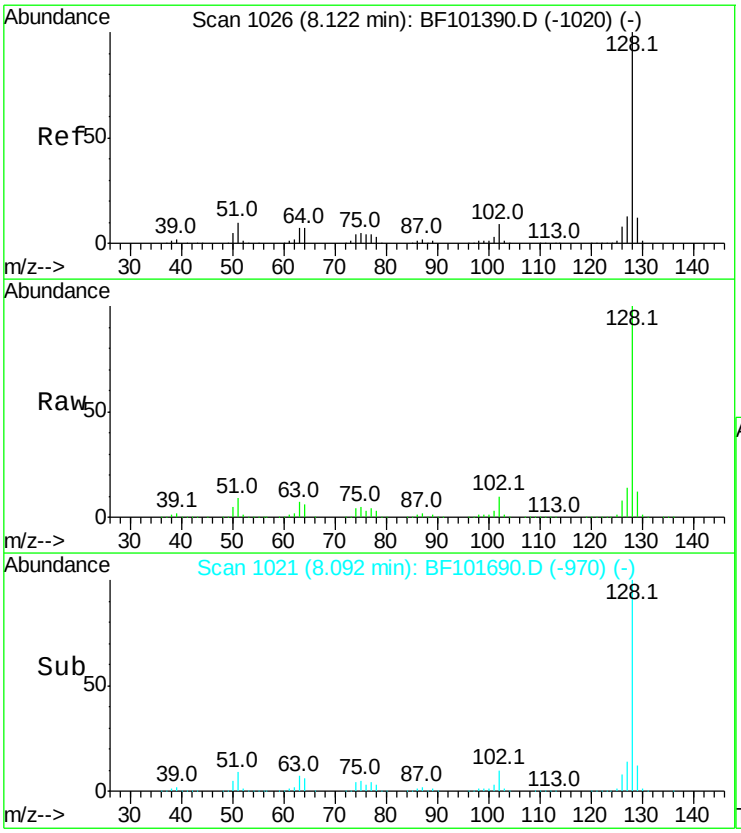

#27
2,4-Dimethylphenol
Concen: 26.963 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:122 Resp: 238209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.0 | 91.2 | 136.8 |
| 121 | 48.8 | 47.2 | 70.8 |

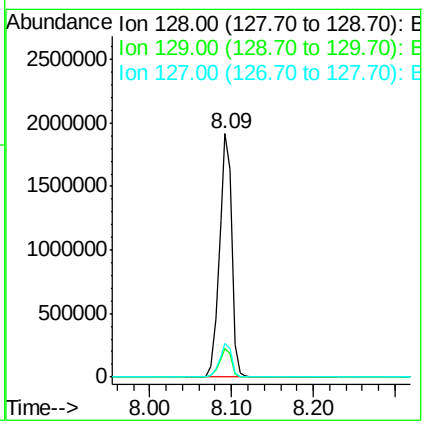


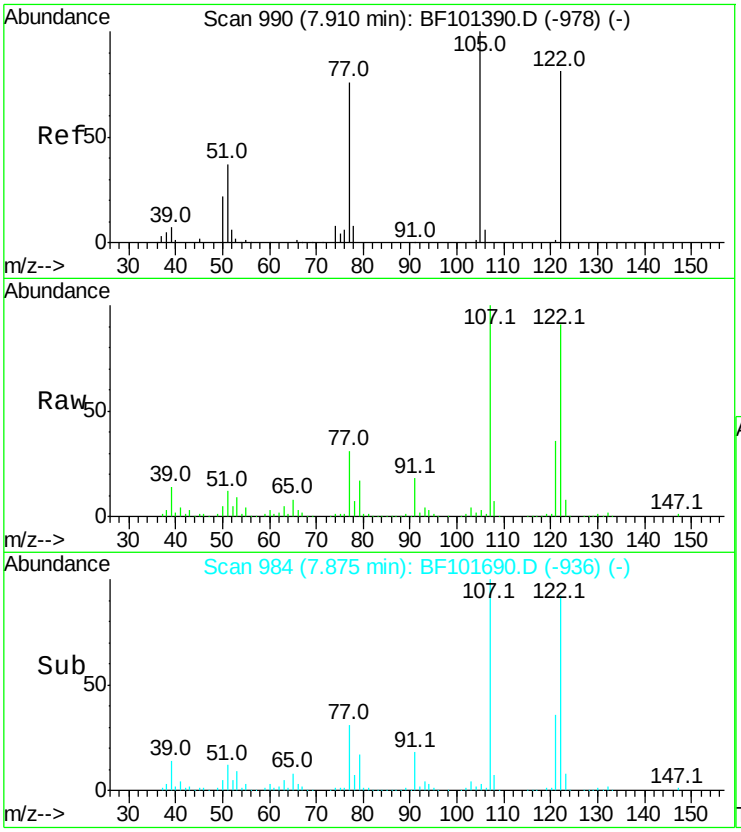




#31
Naphthalene
Concen: 65.441 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:128 Resp: 2005734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 8.8 | 13.2 |
| 127 | 13.8 | 10.9 | 16.3 |



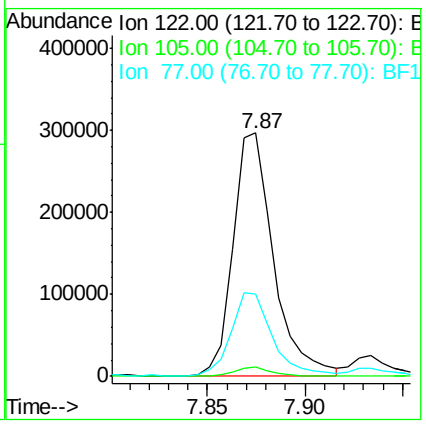


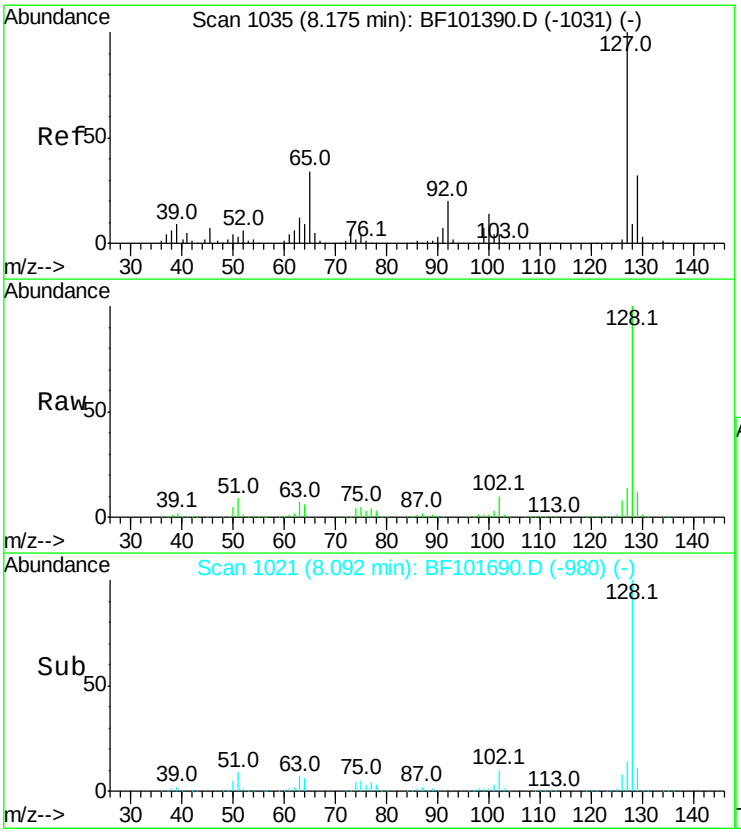

#32
Benzoic acid
Concen: 67.372 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:122 Resp: 423976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.7 | 101.1 | 141.1# |
| 77 | 33.8 | 70.7 | 110.7# |

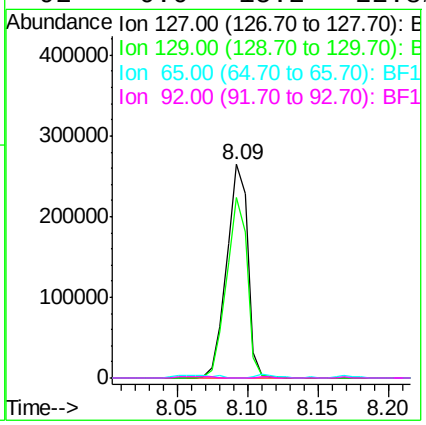


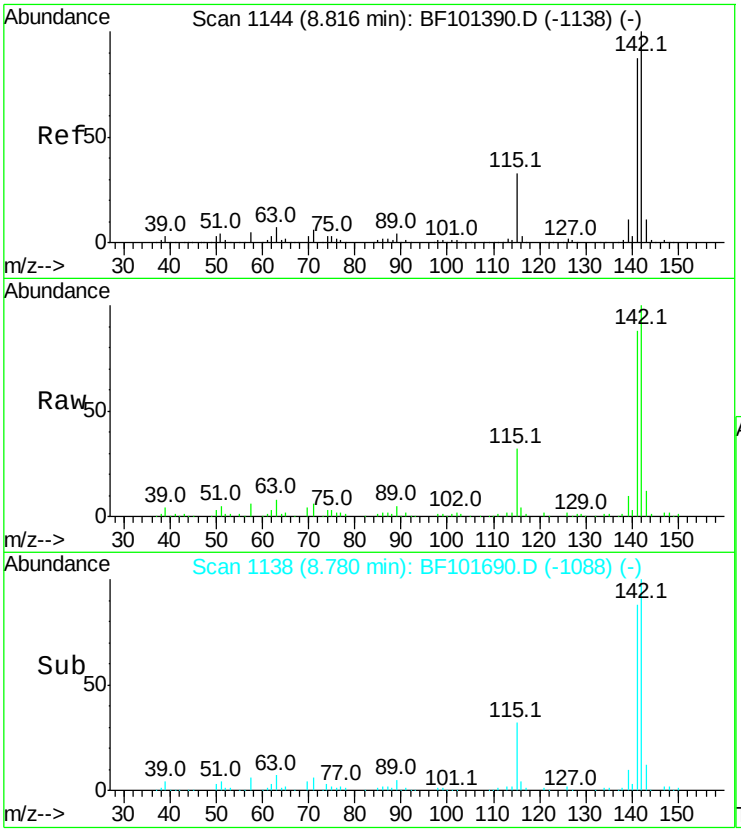




#33
4-Chloroaniline
Concen: 20.611 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:127 Resp: 274573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 84.2 | 25.9 | 38.9# |
| 65 | 0.0 | 25.0 | 37.4# |
| 92 | 0.0 | 15.2 | 22.8# |

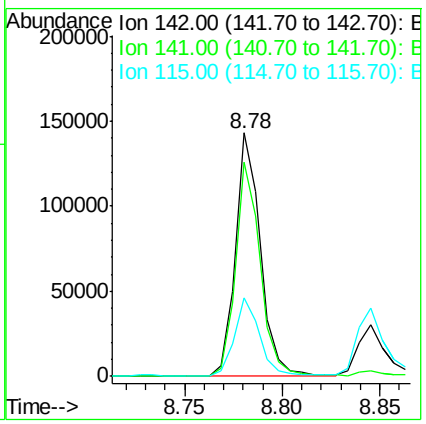




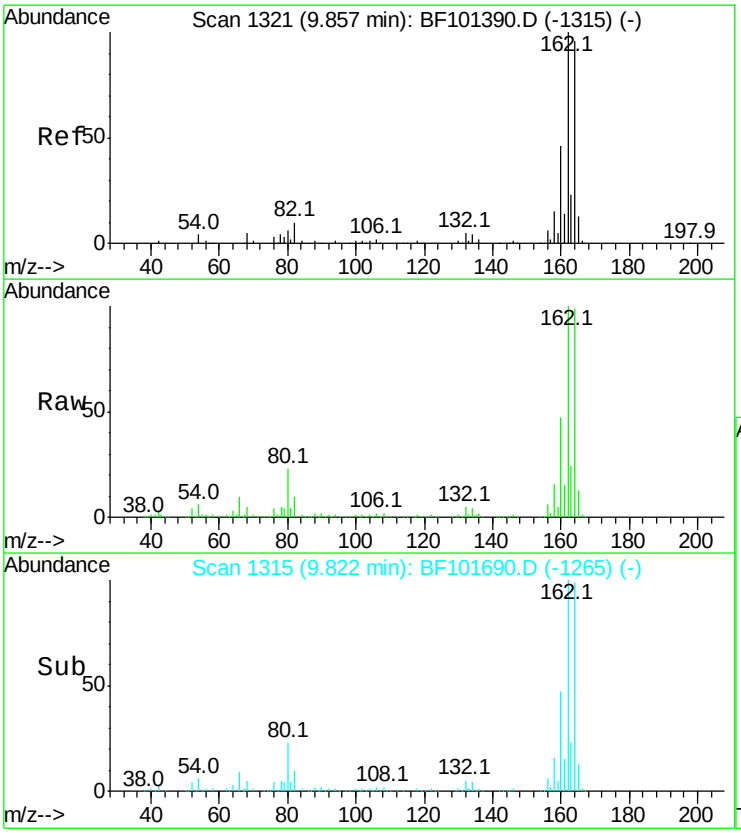

#37
2-Methylnaphthalene
Concen: 6.369 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:142 Resp: 127180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 70.8 | 106.2 |
| 115 | 32.0 | 26.1 | 39.1 |



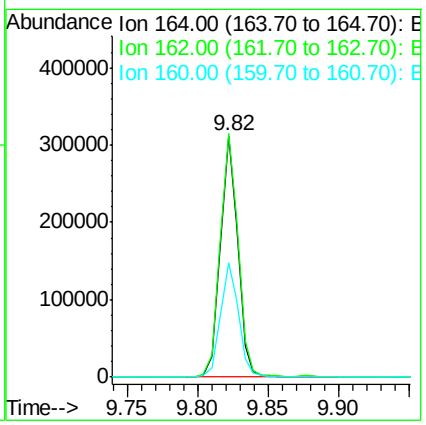

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

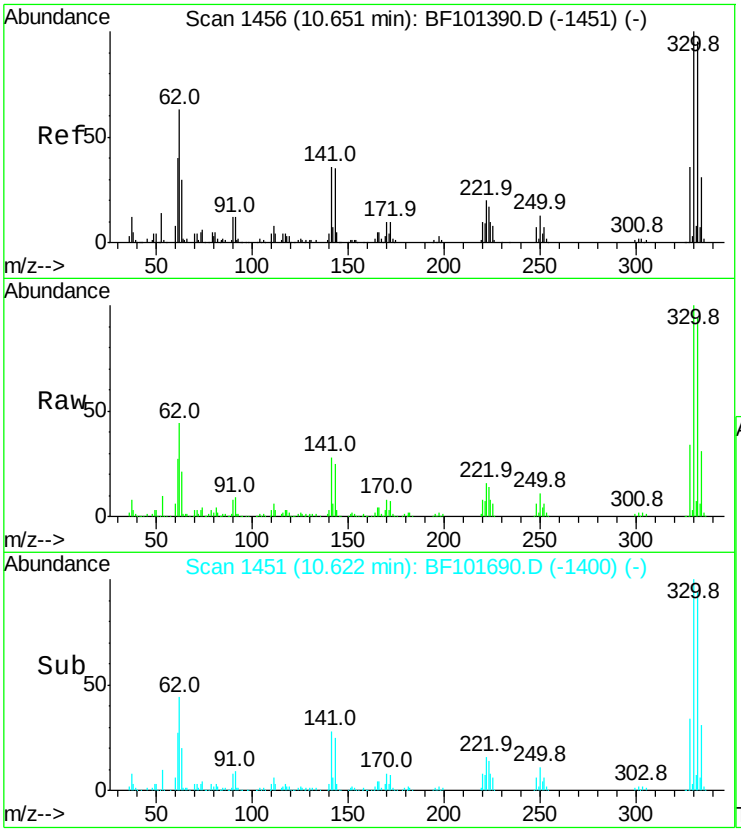



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:164 Resp: 268396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 86.1 | 129.1 |
| 160 | 47.6 | 38.3 | 57.5 |



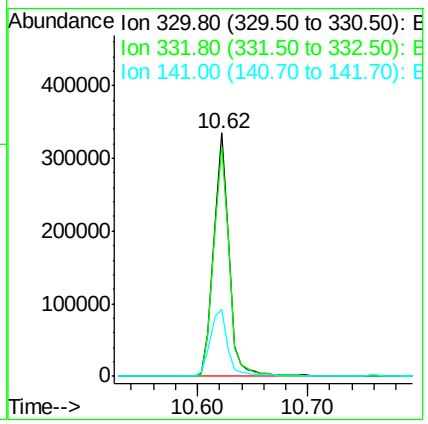


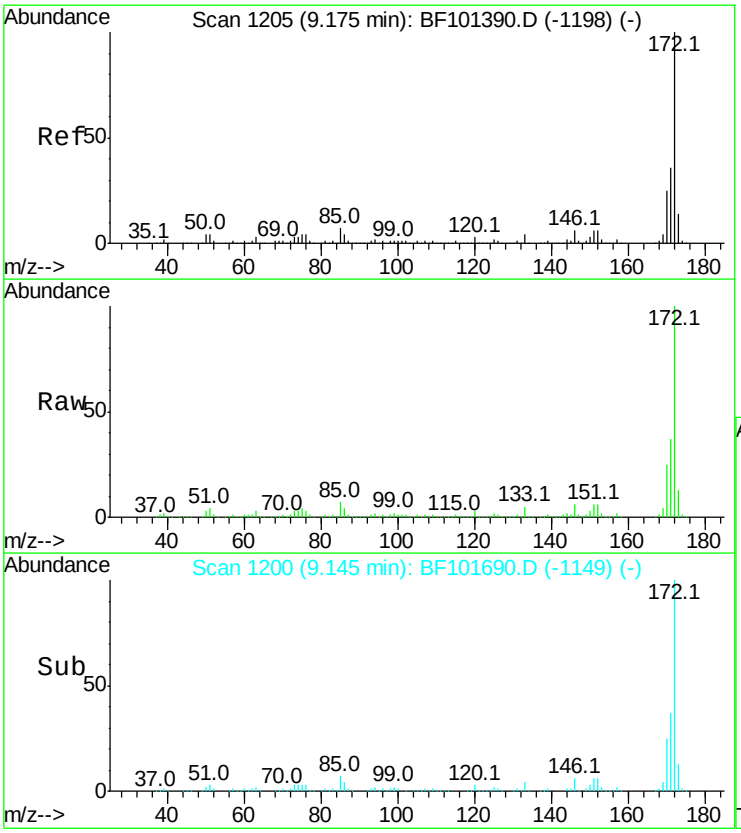

#41
2,4,6-Tribromophenol
Concen: 124.456 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:330 Resp: 321868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.0 | 115.6 |
| 141 | 32.1 | 29.9 | 44.9 |

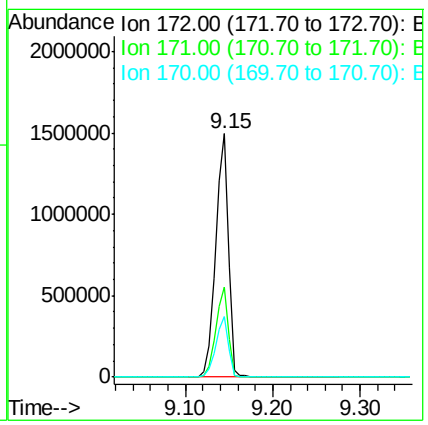


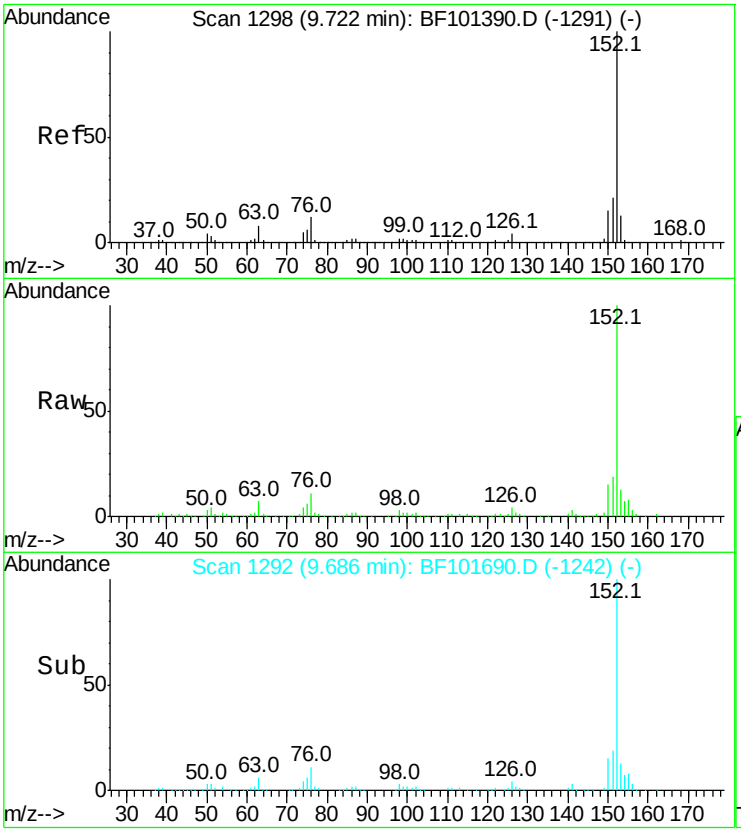




#44
2-Fluorobiphenyl
Concen: 87.519 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:172 Resp: 1514252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 29.7 | 44.5 |
| 170 | 24.6 | 19.6 | 29.4 |



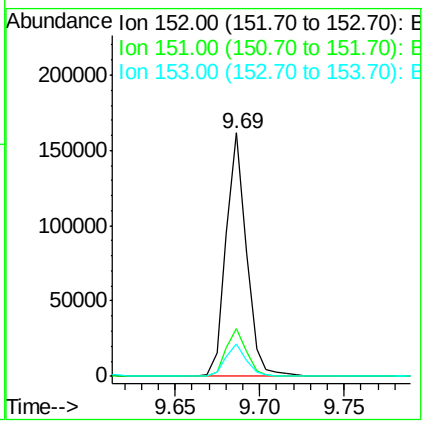


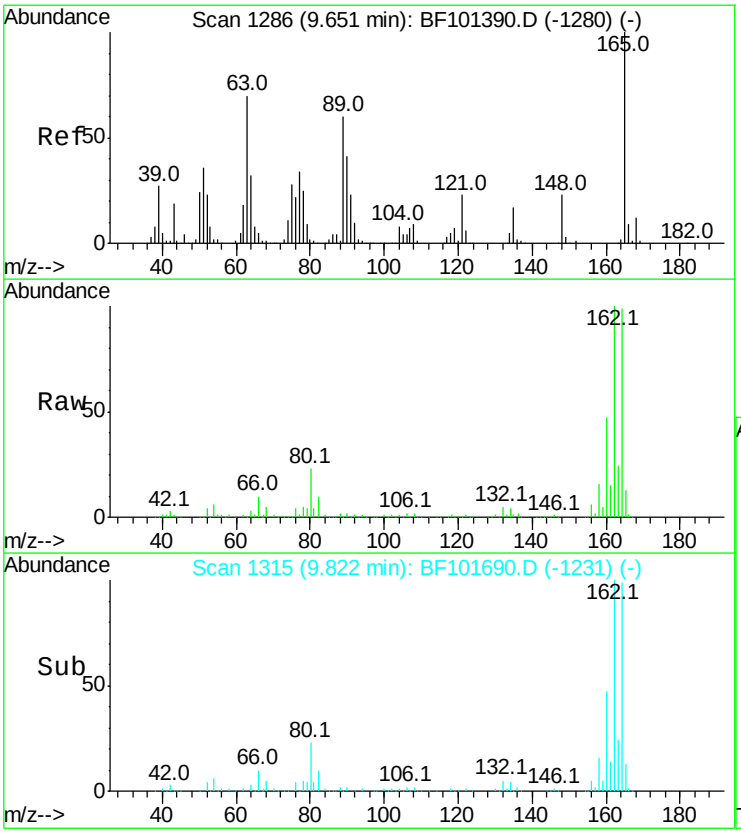

#48
Acenaphthylene
Concen: 4.715 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:152 Resp: 135645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 16.3 | 24.5 |
| 153 | 13.3 | 10.7 | 16.1 |

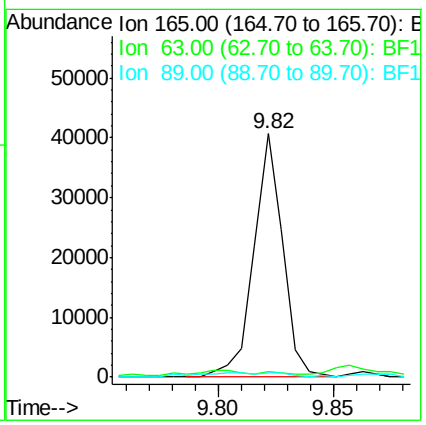


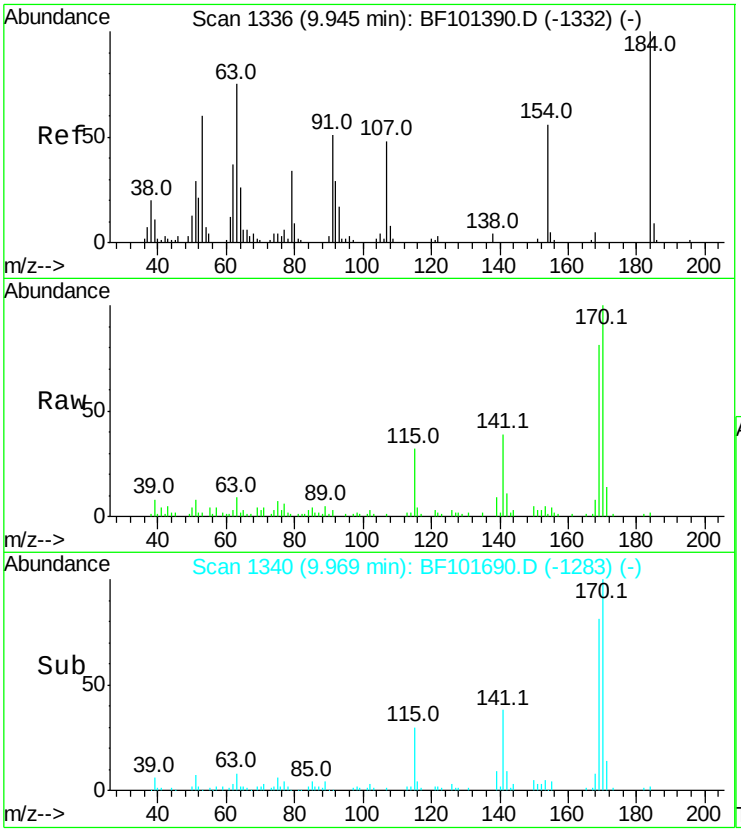




#50
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:165 Resp: 35717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 44.7 | 67.1# |
| 89 | 1.6 | 44.0 | 66.0# |



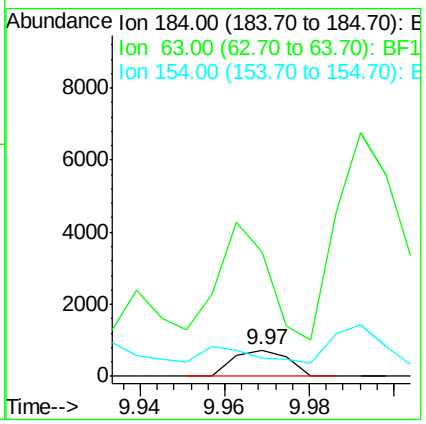


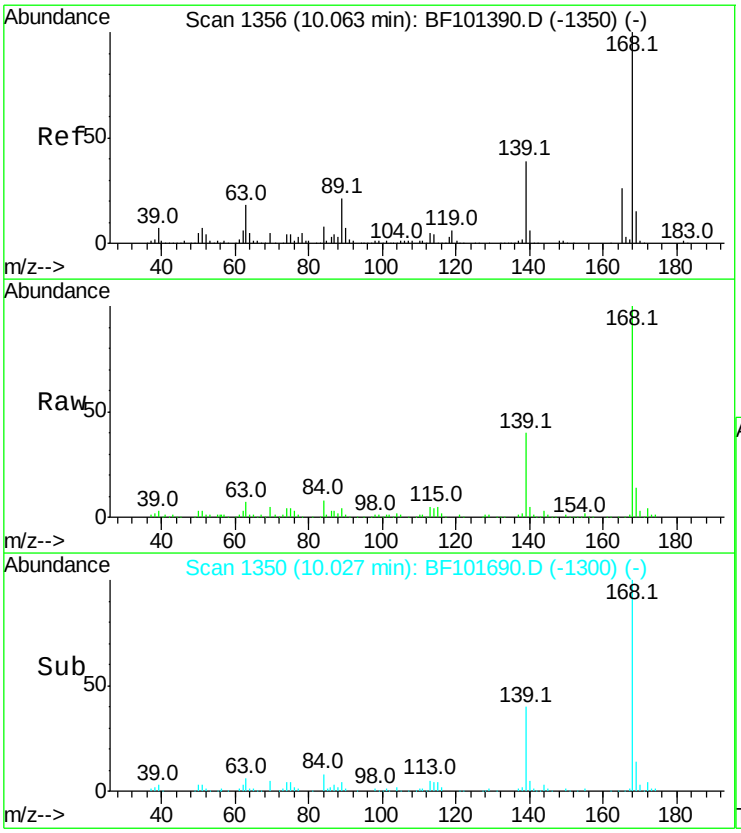

#53
2,4-Dinitrophenol
Concen: 10.698 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.04 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:184 Resp: 662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 470.0 | 54.2 | 81.2# |
| 154 | 68.1 | 184.0 | 276.0# |

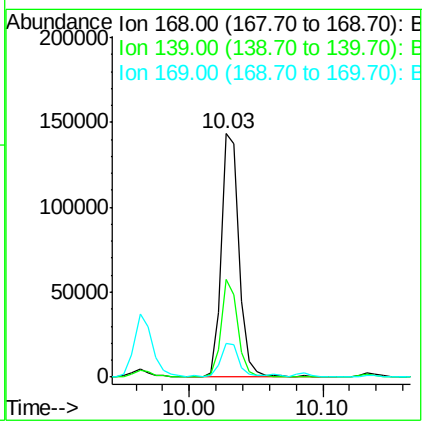


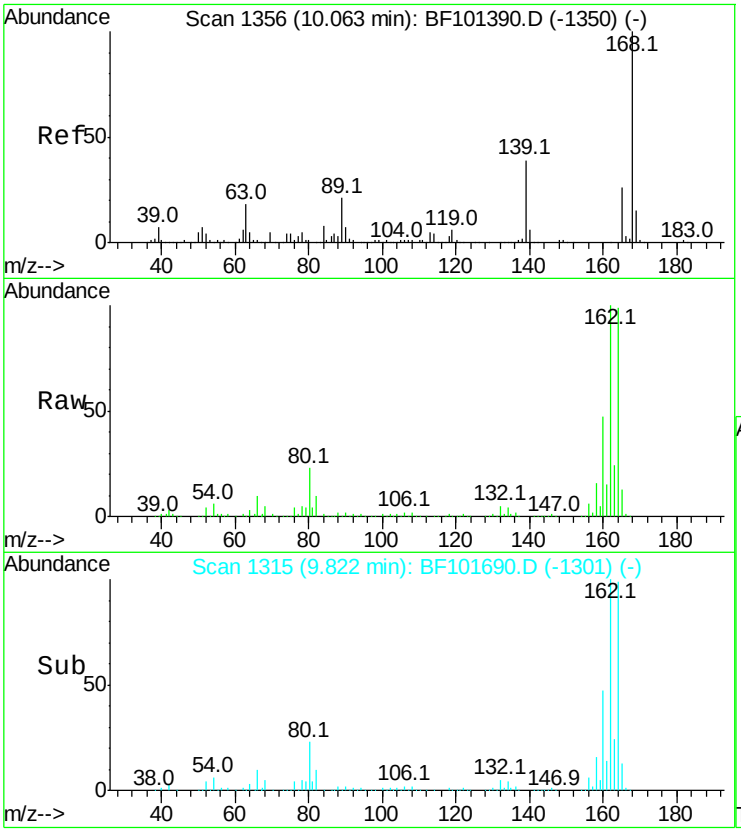




#54
Dibenzofuran
Concen: 6.172 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:168 Resp: 135554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.2 | 30.1 | 45.1 |
| 169 | 13.9 | 10.9 | 16.3 |



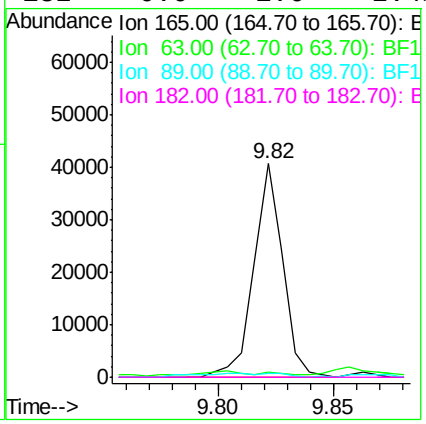


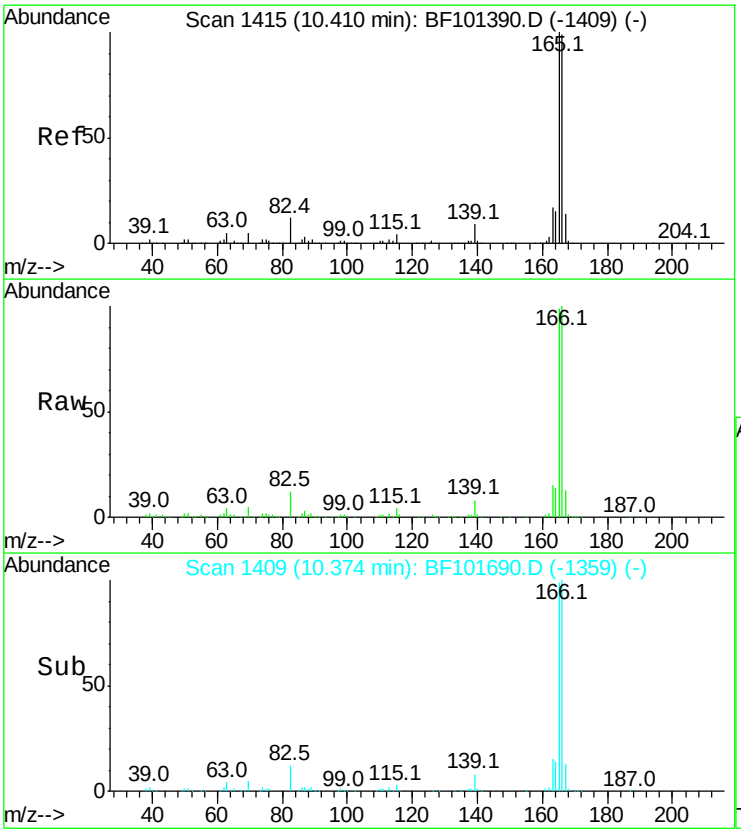

#56
2,4-Dinitrotoluene
Concen: 7.225 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:165 Resp: 35717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 36.4 | 54.6# |
| 89 | 1.6 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

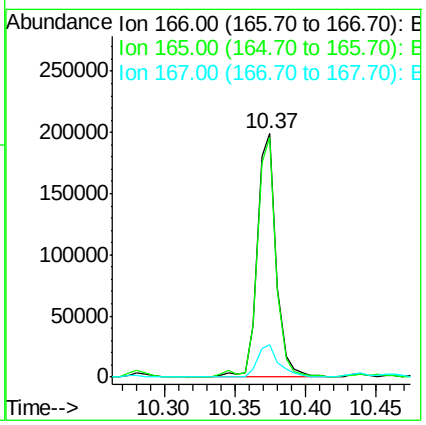


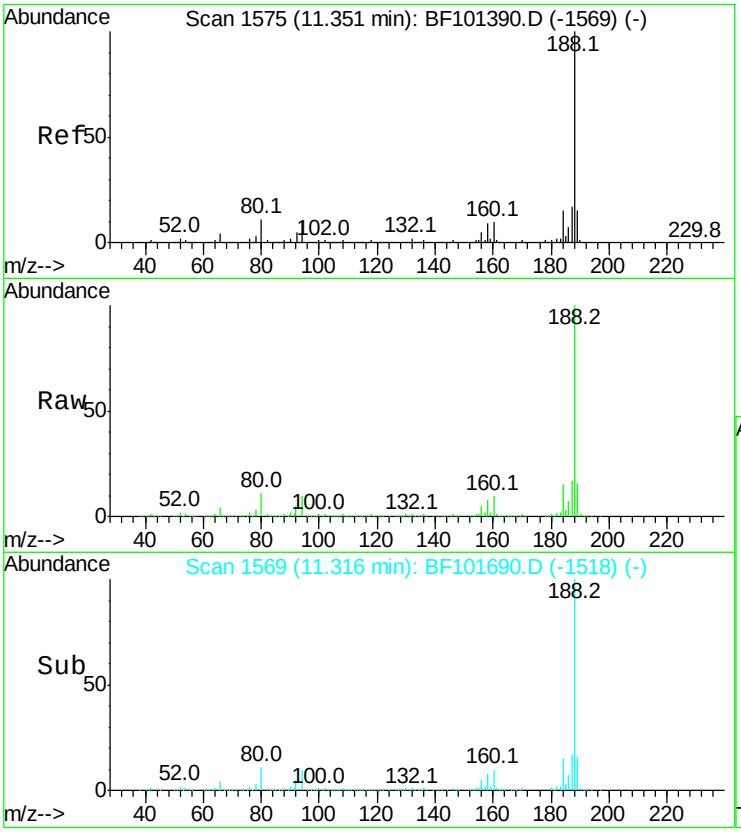




#57
Fluorene
Concen: 10.206 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:166 Resp: 189632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 79.8 | 119.8 |
| 167 | 13.1 | 10.6 | 16.0 |



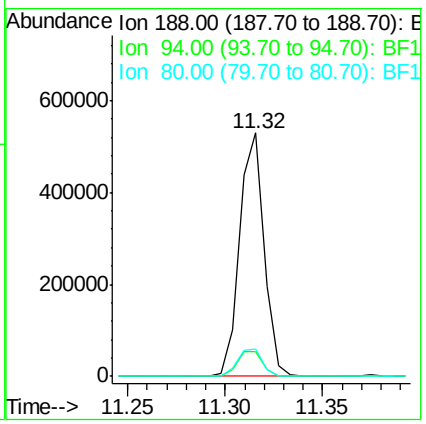


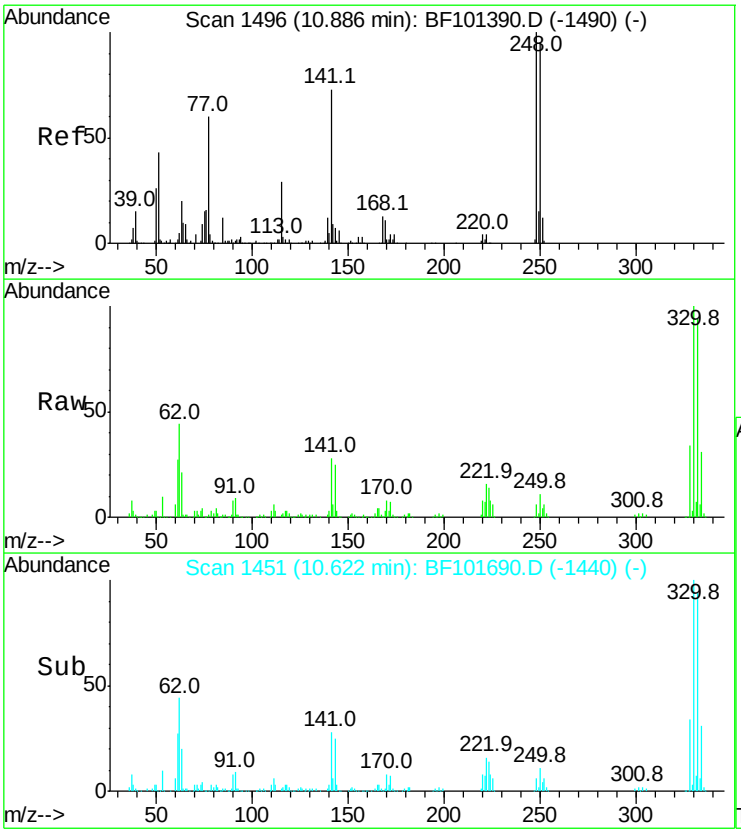

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:188 Resp: 459395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.3 | 8.5 | 12.7 |
| 80 | 11.0 | 9.2 | 13.8 |

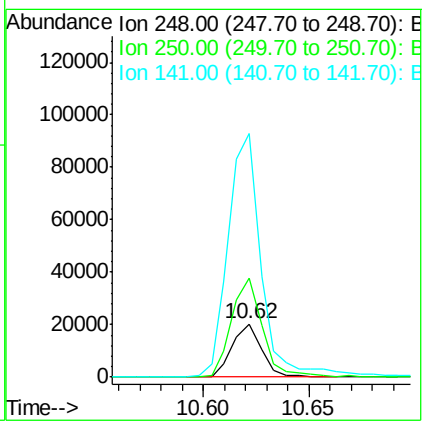


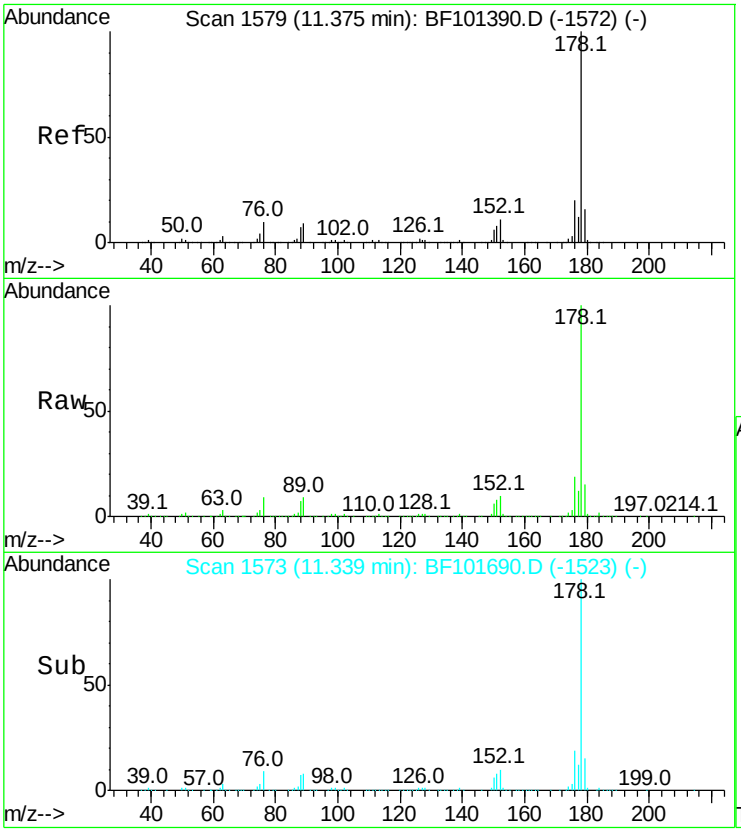




#66
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:248 Resp: 19508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 187.5 | 76.9 | 115.3# |
| 141 | 459.1 | 74.4 | 111.6# |



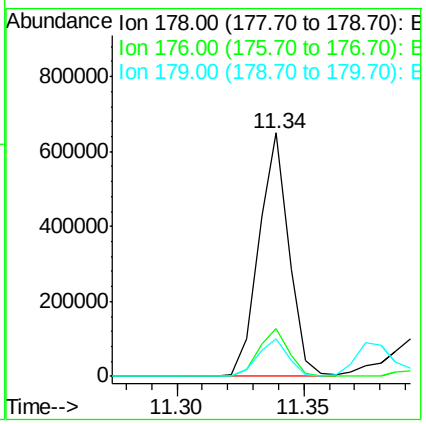


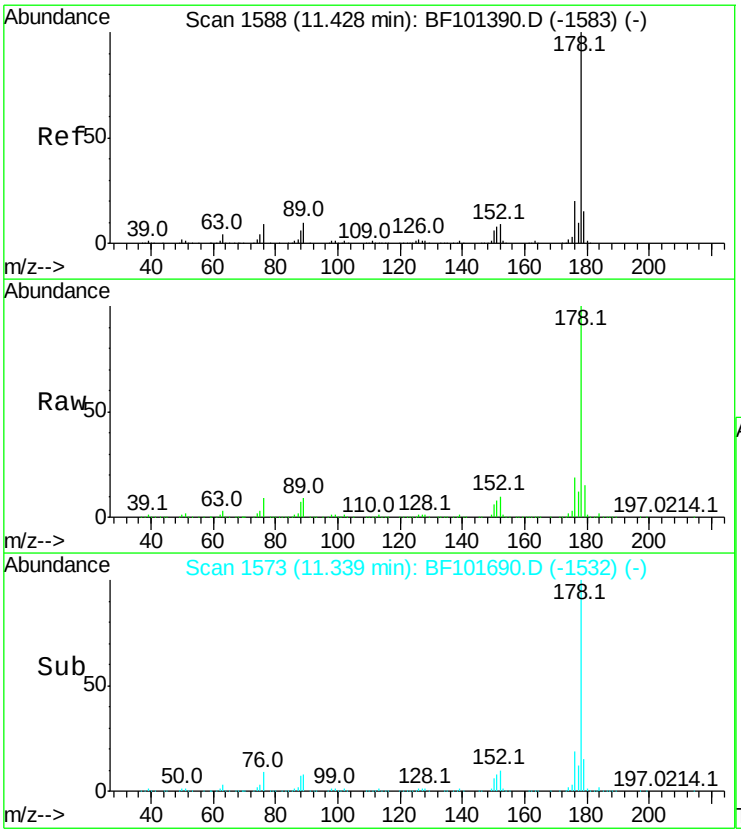

#70
Phenanthrene
Concen: 21.077 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:178 Resp: 538476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.8 | 23.8 |
| 179 | 15.4 | 13.0 | 19.6 |

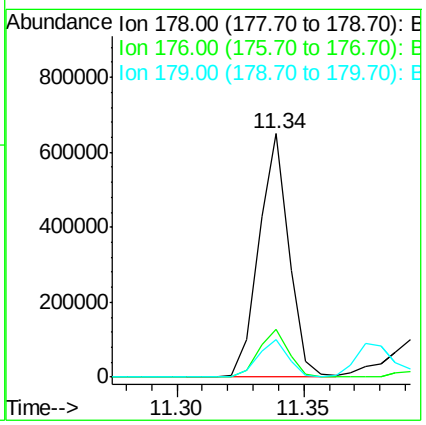


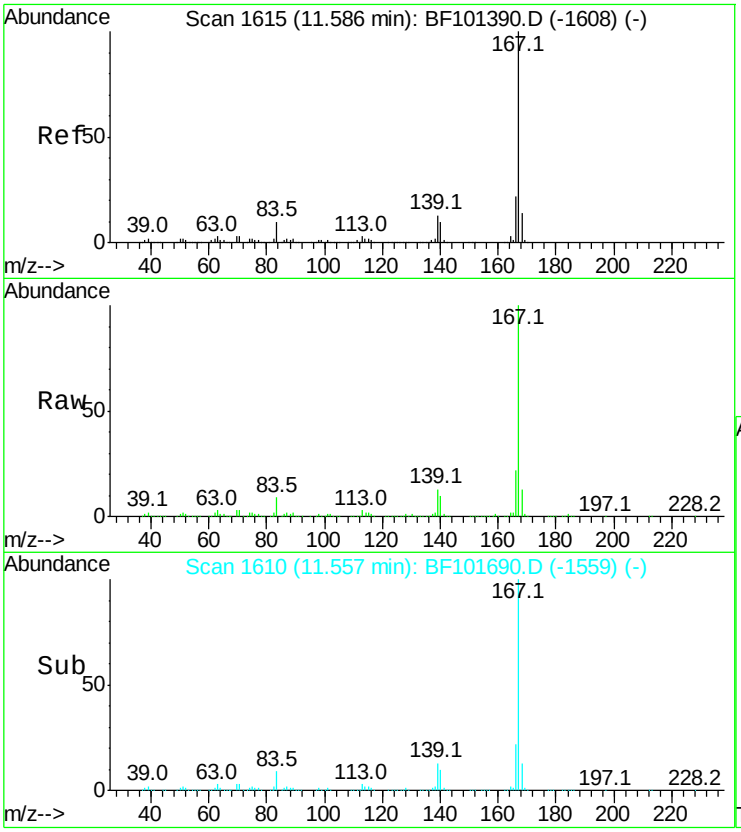




#71
Anthracene
Concen: 20.634 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.06 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:178 Resp: 538476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.4 | 23.2 |
| 179 | 15.4 | 12.6 | 19.0 |



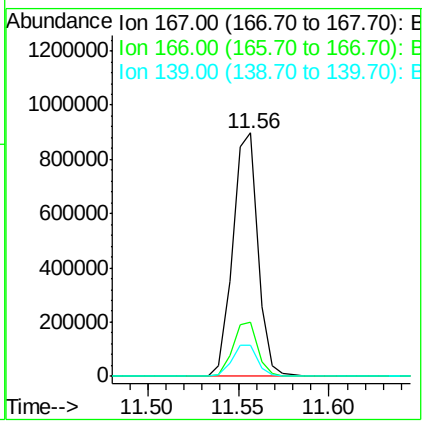


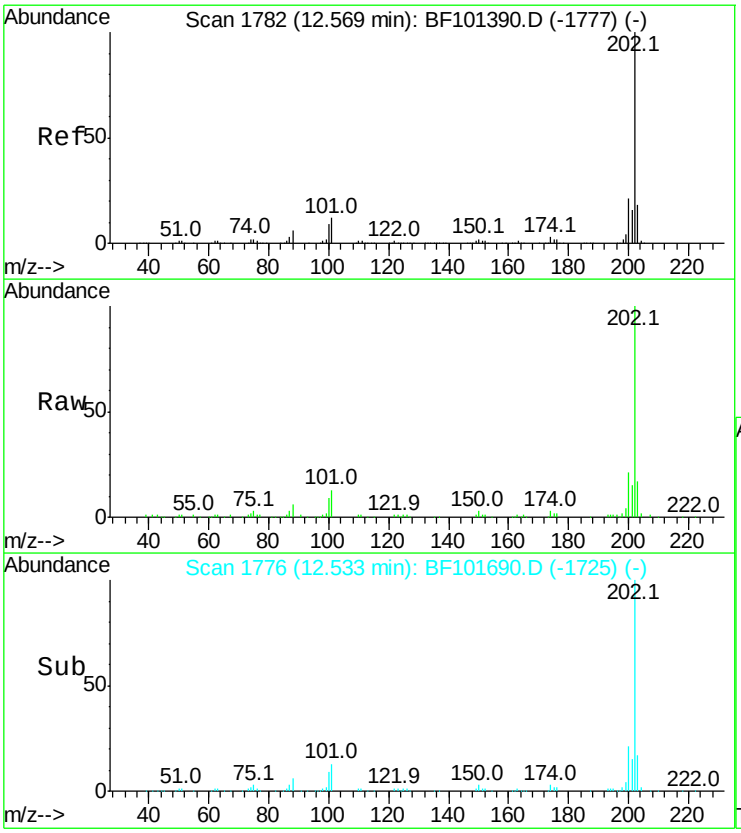

#72
Carbazole
Concen: 35.532 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:167 Resp: 868146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.6 | 26.4 |
| 139 | 12.7 | 10.9 | 16.3 |

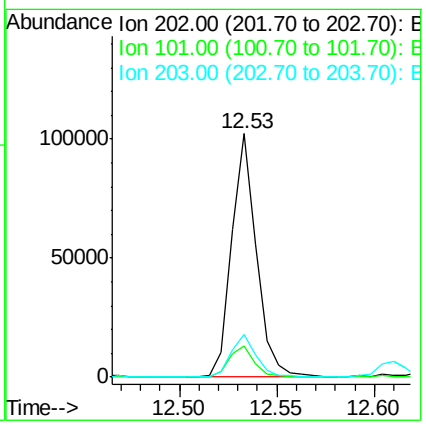


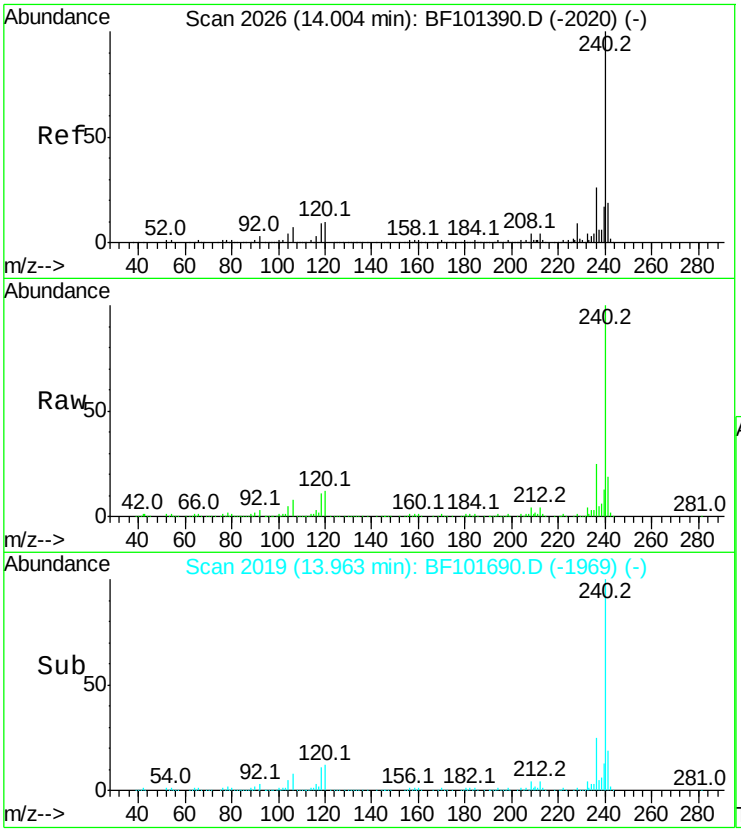




#74
Fluoranthene
Concen: 3.355 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:202 Resp: 89966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.9 | 0.0 | 34.1 |
| 203 | 17.3 | 0.0 | 38.1 |



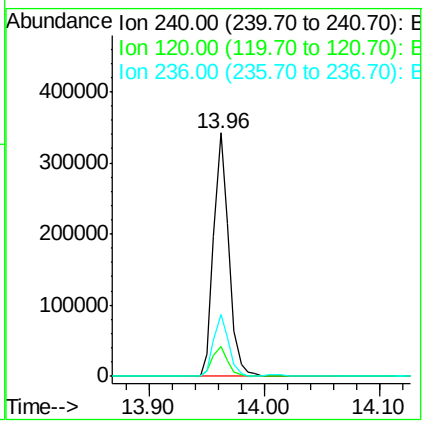


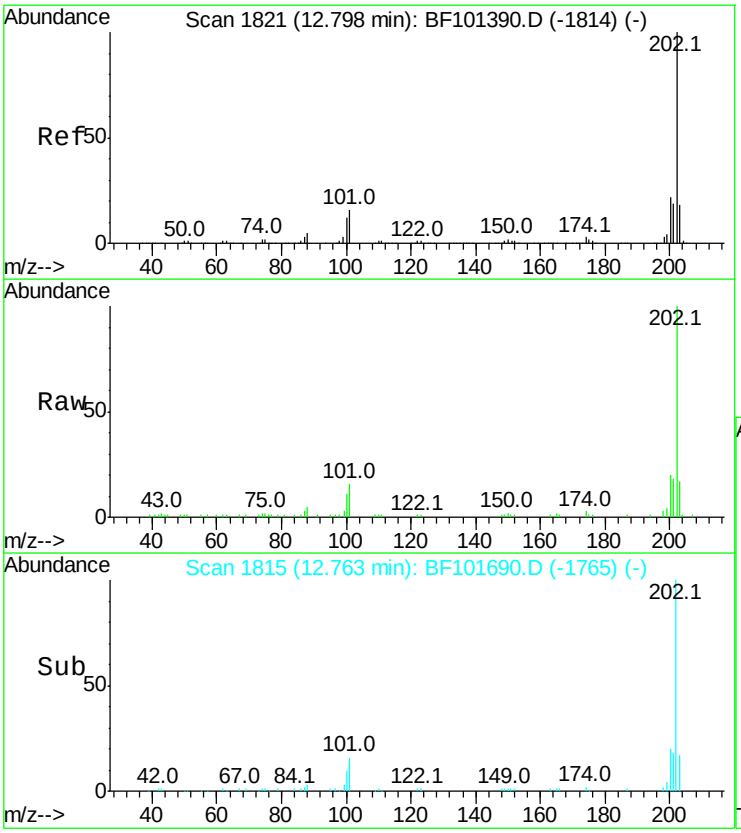

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:240 Resp: 311867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.1 | 9.5 | 14.3 |
| 236 | 25.4 | 20.7 | 31.1 |

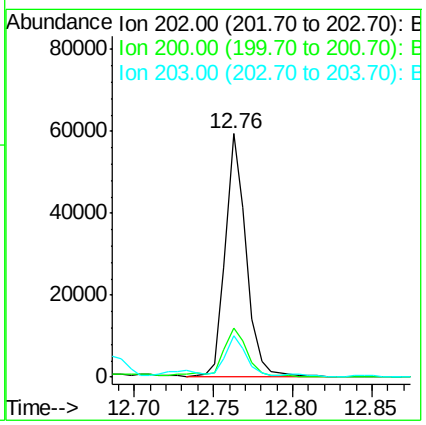


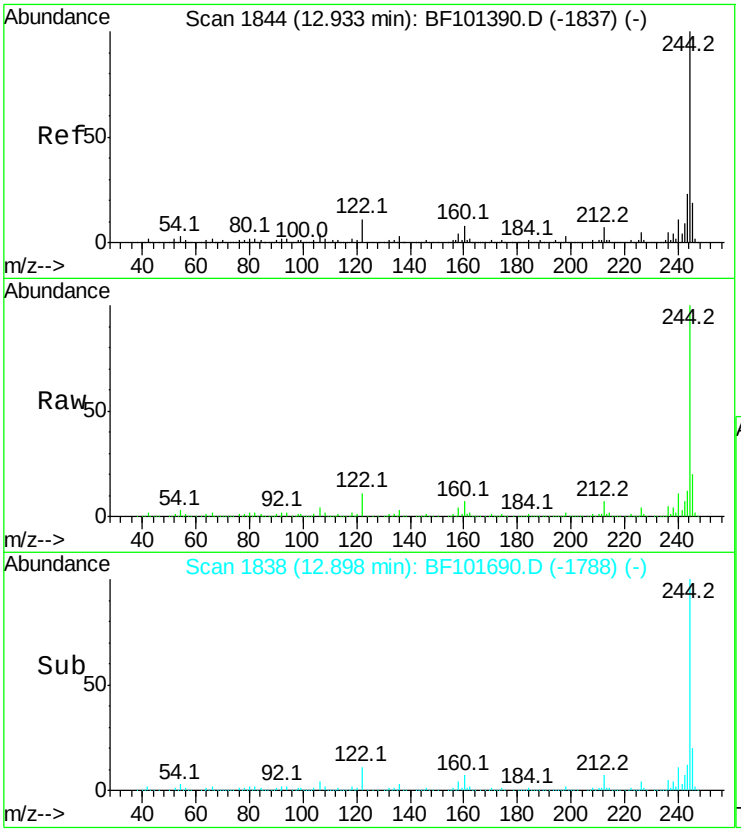




#77
Pyrene
Concen: 2.322 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:202 Resp: 54357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.3 | 17.4 | 26.2 |
| 203 | 17.2 | 14.3 | 21.5 |



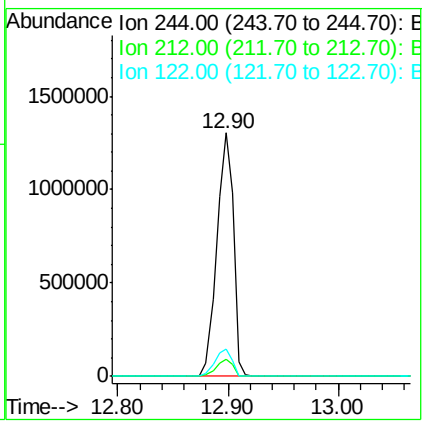


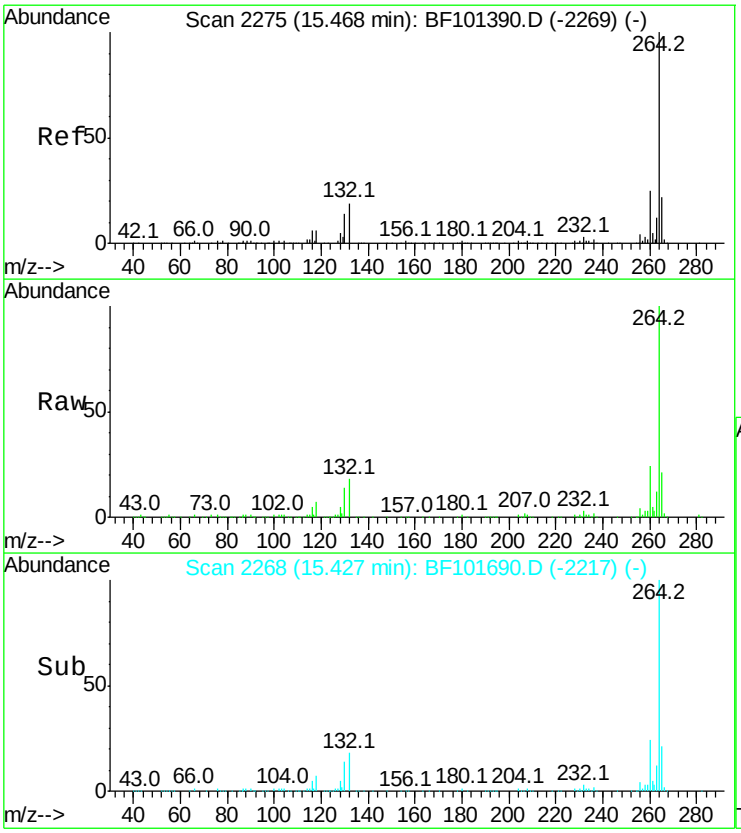

#78
Terphenyl-d14
Concen: 104.822 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

**Instrument :**
BNA_F
**ClientSampleId :**
WC-69-01

Tgt Ion:244 Resp: 1356019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.4 | 8.0 |
| 122 | 11.3 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101690.D
Acq: 23 Dec 2017 9:02

Tgt Ion:264 Resp: 286694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 21.2 | 17.5 | 26.3 |