Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
Data File : BF090058.D
Acq On : 12 Sep 2016 12:45
Operator : UM/SJ
Sample : PB93311BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 12 15:44:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.57 | 152 | 191455 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.86 | 136 | 789367 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.61 | 164 | 420025 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.08 | 188 | 847182 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.69 | 240 | 597951 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.03 | 264 | 498154 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 895302 | 74.85 | ng | | 0.01 |
| 7) Phenol-d6 | 6.23 | 99 | 1075556 | 74.00 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.14 | 82 | 999621 | 73.44 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 339820 | 82.01 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.95 | 172 | 2040938 | 79.76 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.66 | 244 | 1904863 | 78.69 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.09 | 88 | 179876 | 31.74 | ng | # | 88 |
| 3) Pyridine | 2.70 | 79 | 524046 | 34.66 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 2.66 | 42 | 257247 | 34.50 | ng | | 97 |
| 6) Aniline | 6.24 | 93 | 299193 | 15.09 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.35 | 128 | 521749 | 40.21 | ng | | 87 |
| 9) Benzaldehyde | 6.11 | 77 | 61816 | 6.59 | ng | | 94 |
| 10) Phenol | 6.24 | 94 | 629838 | 37.27 | ng | # | 78 |
| 11) bis(2-Chloroethyl)ether | 6.32 | 93 | 499402 | 39.05 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.51 | 146 | 594024 | 40.99 | ng | # | 95 |
| 13) 1,4-Dichlorobenzene | 6.59 | 146 | 594039 | 40.06 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 6.74 | 146 | 518686 | 39.02 | ng | | 98 |
| 15) Benzyl Alcohol | 6.73 | 79 | 374883 | 41.17 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87 | 45 | 911424 | 37.37 | ng | | 93 |
| 17) 2-Methylphenol | 6.86 | 107 | 432513 | 41.73 | ng | | 99 |
| 18) Hexachloroethane | 7.08 | 117 | 198734 | 39.13 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.00 | 70 | 343577 | 36.28 | ng | | 91 |
| 20) 3+4-Methylphenols | 7.02 | 107 | 531600 | 42.32 | ng | # | 69 |
| 22) Acetophenone | 6.99 | 105 | 637449 | 36.00 | ng | # | 91 |
| 24) Nitrobenzene | 7.16 | 77 | 531013 | 36.70 | ng | # | 90 |
| 25) Isophorone | 7.40 | 82 | 989768 | 35.76 | ng | | 98 |
| 26) 2-Nitrophenol | 7.48 | 139 | 304726 | 44.05 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.54 | 122 | 488201 | 38.15 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93 | 673444 | 40.34 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.72 | 162 | 457188 | 39.86 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.80 | 180 | 485773 | 38.74 | ng | | 97 |
| 31) Naphthalene | 7.88 | 128 | 1557521 | 39.61 | ng | | 99 |
| 32) Benzoic acid | 7.66 | 122 | 129169 | 14.99 | ng | | 93 |
| 33) 4-Chloroaniline | 7.94 | 127 | 181693 | 11.45 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.01 | 225 | 294042 | 40.01 | ng | | 97 |
| 35) Caprolactam | 8.32 | 113 | 90401 | 24.97 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 488967 | 40.25 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.57 | 142 | 1023079 | 39.37 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.74 | 216 | 405349 | 32.94 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.73 | 237 | 498130 | 78.95 | ng | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
Data File : BF090058.D
Acq On : 12 Sep 2016 12:45
Operator : UM/SJ
Sample : PB93311BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 12 15:44:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.86 | 196 | 329961 | 38.69 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.90 | 196 | 353636 | 43.13 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.04 | 154 | 1123172 | 33.21 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.06 | 162 | 977051 | 40.84 | ng | | 97 |
| 47) 2-Nitroaniline | 9.16 | 65 | 326672 | 41.77 | ng | # | 77 |
| 48) Acenaphthylene | 9.47 | 152 | 1578112 | 39.90 | ng | | 100 |
| 49) Dimethylphthalate | 9.36 | 163 | 1207121 | 39.76 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.40 | 165 | 264013 | 39.10 | ng | | 93 |
| 51) Acenaphthene | 9.64 | 154 | 973144 | 38.83 | ng | | 100 |
| 52) 3-Nitroaniline | 9.58 | 138 | 146666 | 19.05 | ng | # | 76 |
| 53) 2,4-Dinitrophenol | 9.68 | 184 | 197802 | 52.34 | ng | # | 81 |
| 54) Dibenzofuran | 9.82 | 168 | 1417099 | 42.19 | ng | | 99 |
| 55) 4-Nitrophenol | 9.76 | 139 | 404029 | 69.56 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 9.80 | 165 | 329882 | 38.53 | ng | # | 74 |
| 57) Fluorene | 10.16 | 166 | 1060546 | 43.22 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.94 | 232 | 311562 | 44.38 | ng | | 96 |
| 59) Diethylphthalate | 10.04 | 149 | 1293976 | 45.31 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.16 | 204 | 489031 | 42.35 | ng | | 99 |
| 61) 4-Nitroaniline | 10.18 | 138 | 273160 | 36.10 | ng | | 87 |
| 62) Azobenzene | 10.31 | 77 | 1093023 | 38.32 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.22 | 198 | 166803 | 30.75 | ng | # | 60 |
| 65) n-Nitrosodiphenylamine | 10.27 | 169 | 913682 | 35.87 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.64 | 248 | 357688 | 41.94 | ng | | 96 |
| 67) Hexachlorobenzene | 10.70 | 284 | 349590 | 35.88 | ng | # | 91 |
| 68) Atrazine | 10.81 | 200 | 345730 | 40.66 | ng | | 96 |
| 69) Pentachlorophenol | 10.89 | 266 | 336136 | 64.13 | ng | | 100 |
| 70) Phenanthrene | 11.11 | 178 | 1706817 | 40.46 | ng | | 99 |
| 71) Anthracene | 11.15 | 178 | 1618644 | 37.83 | ng | | 99 |
| 72) Carbazole | 11.31 | 167 | 1528083 | 38.09 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.66 | 149 | 1754985 | 37.53 | ng | | 100 |
| 74) Fluoranthene | 12.29 | 202 | 1799698 | 40.71 | ng | | 97 |
| 76) Benzidine | 12.41 | 184 | 517536 | 22.85 | ng | | 96 |
| 77) Pyrene | 12.50 | 202 | 1699037 | 40.30 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.14 | 149 | 771850 | 45.40 | ng | | 95 |
| 80) Benzo(a)anthracene | 13.68 | 228 | 1508041 | 41.18 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.66 | 252 | 215048 | 16.27 | ng | # | 97 |
| 82) Chrysene | 13.73 | 228 | 1520987 | 44.46 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.70 | 149 | 980464 | 41.69 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 14.31 | 149 | 1612358 | 42.48 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.23 | 276 | 1055481 | 41.73 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.70 | 252 | 2309783 | 74.01 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 14.70 | 252 | 2309783 | 87.22 | ng | # | 98 |
| 89) Benzo(a)pyrene | 14.98 | 252 | 1116669 | 41.76 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.25 | 278 | 887461 | 45.30 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 16.58 | 276 | 903623 | 45.82 | ng | # | 93 |

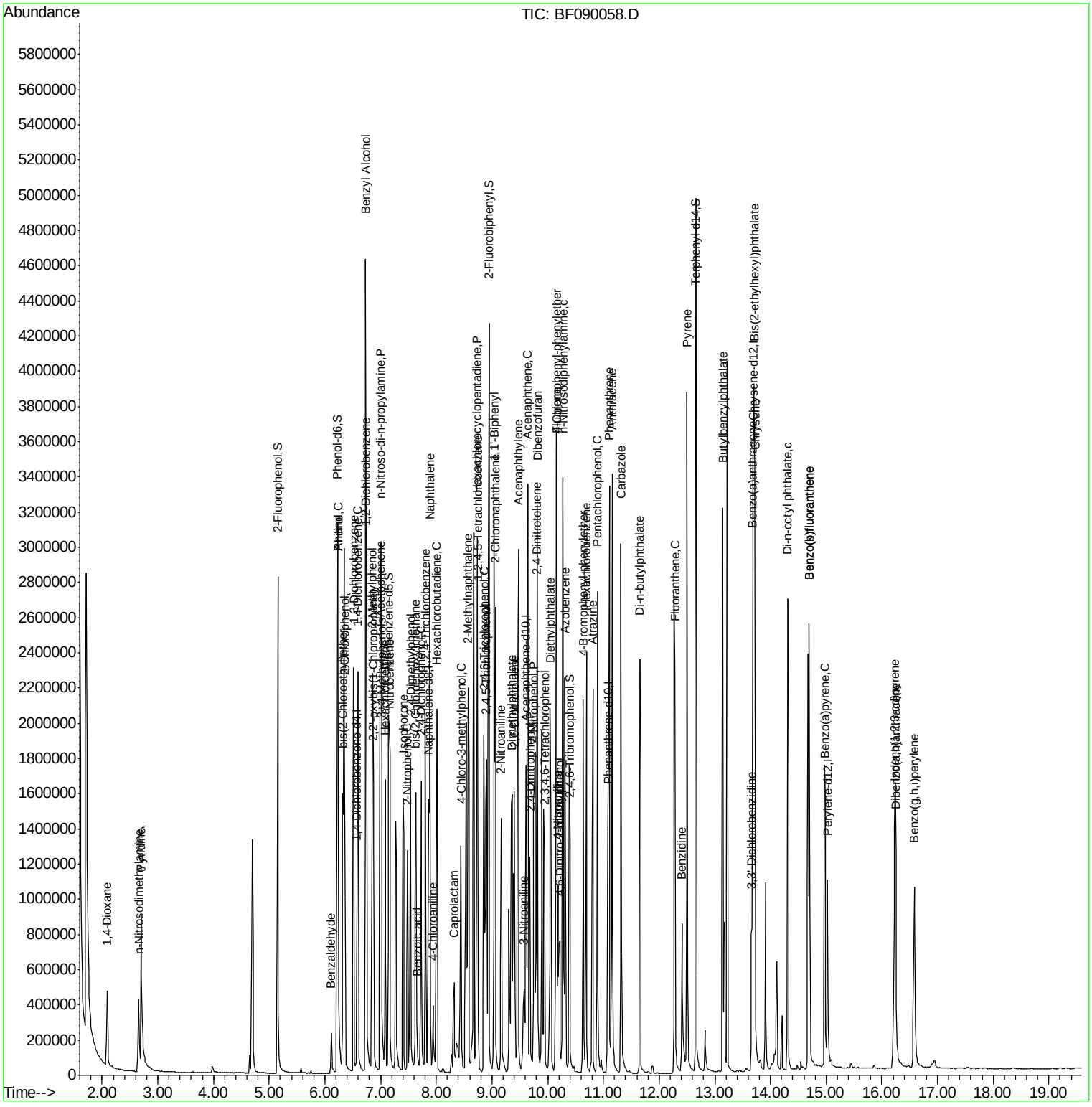
(#) = qualifier out of range (m) = manual integration (+) = signals summed

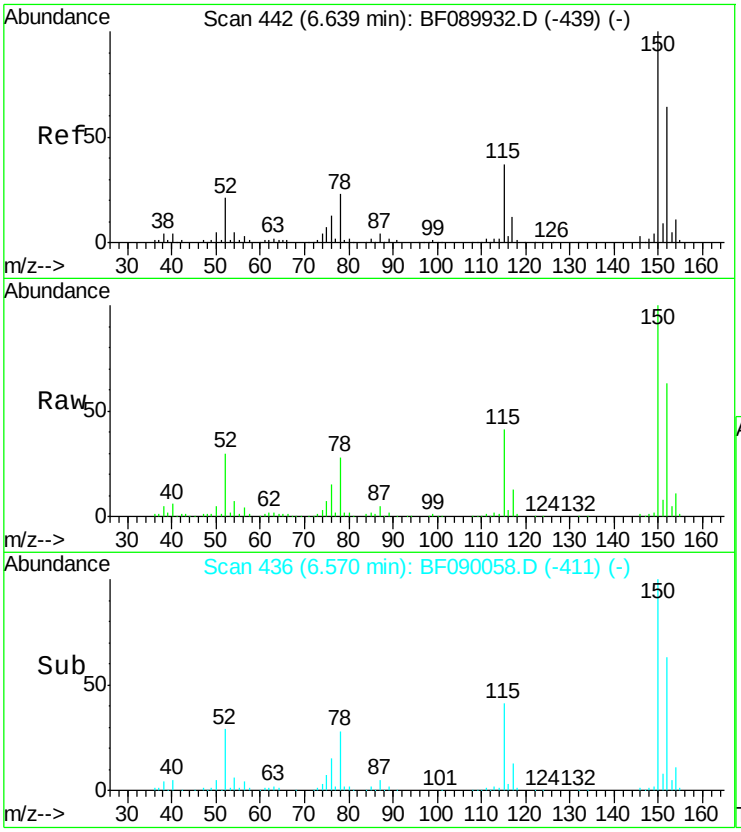
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
Data File : BF090058.D
Acq On : 12 Sep 2016 12:45
Operator : UM/SJ
Sample : PB93311BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 12 15:44:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration



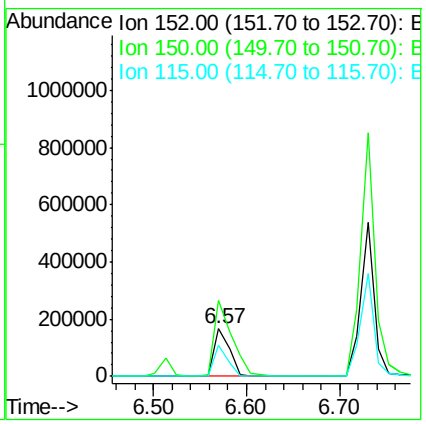


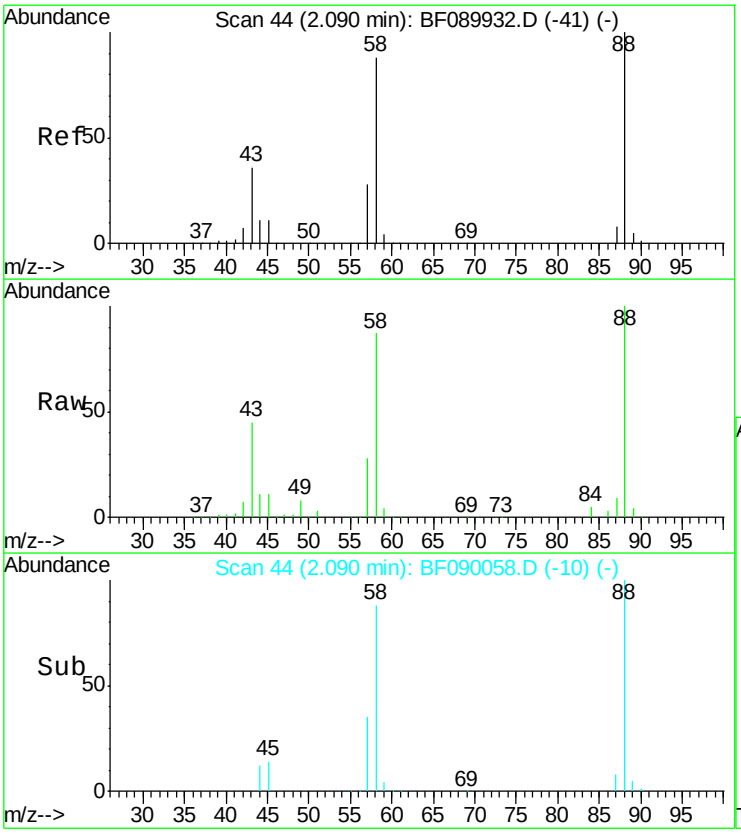

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:152 Resp: 191455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 127.4 | 191.2 |
| 115 | 65.4 | 46.3 | 69.5 |

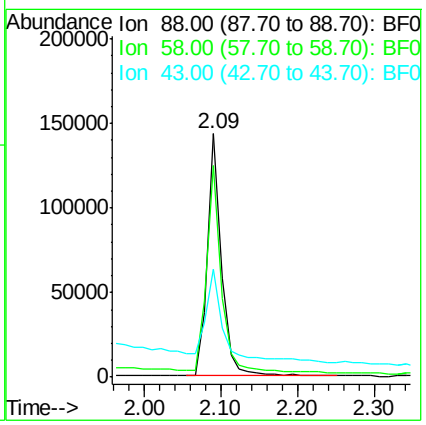


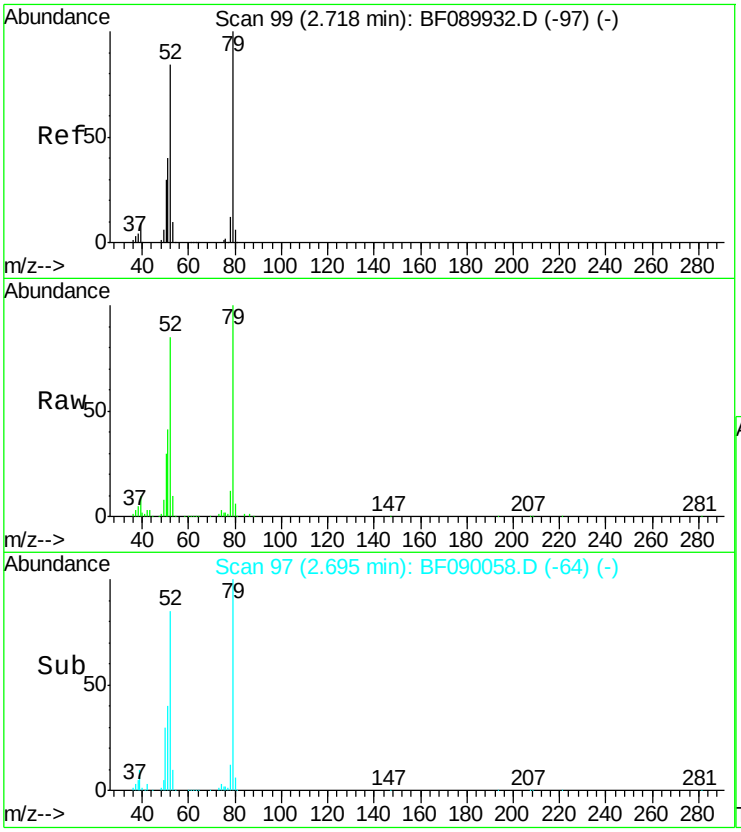




#2
1,4-Dioxane
Concen: 31.74 ng
RT: 2.09 min Scan# 44
Delta R.T. 0.09 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 88 Resp: 179876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 90.7 | 68.8 | 103.2 |
| 43 | 51.3 | 27.0 | 40.6# |



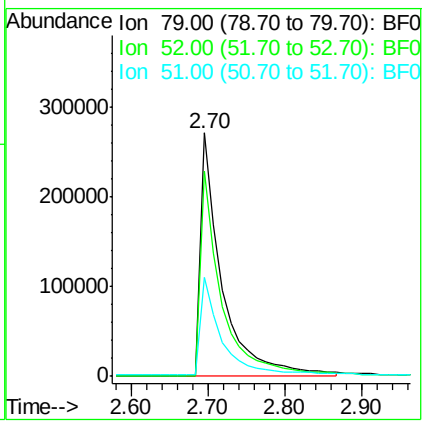


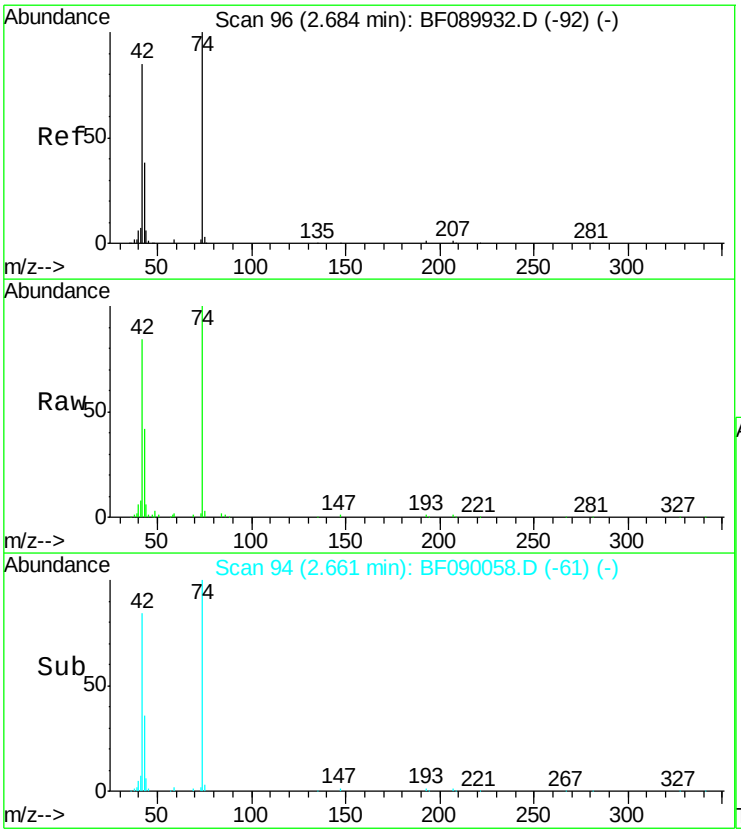

#3
Pyridine
Concen: 34.66 ng
RT: 2.70 min Scan# 97
Delta R.T. 0.08 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 79 Resp: 524046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.5 | 67.8 | 101.6 |
| 51 | 40.9 | 32.9 | 49.3 |

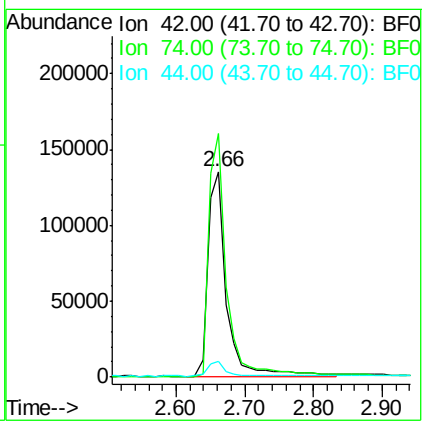


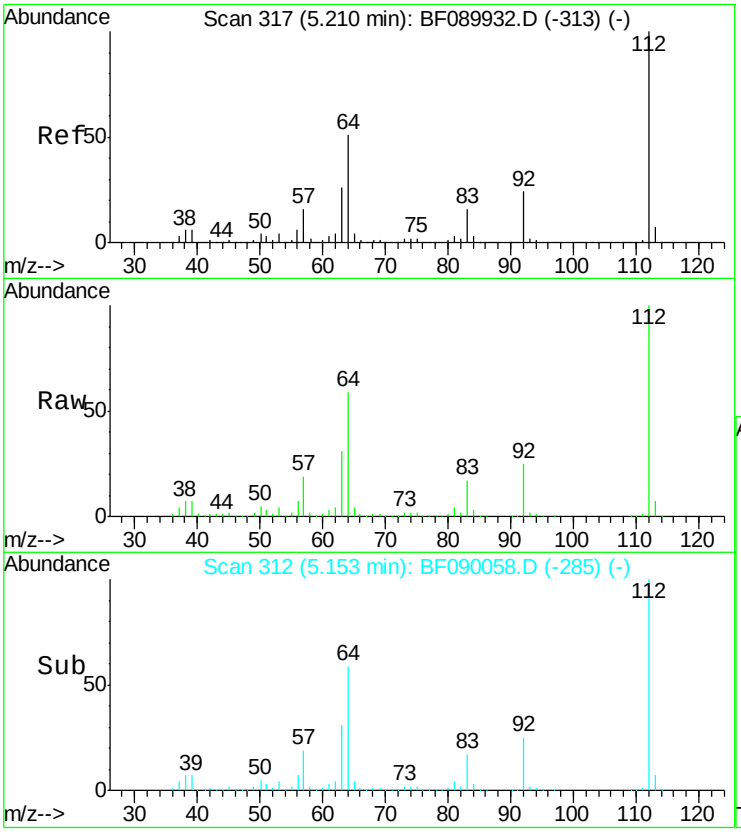




#4
n-Nitrosodimethylamine
Concen: 34.50 ng
RT: 2.66 min Scan# 94
Delta R.T. 0.08 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 42 Resp: 257247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 118.6 | 92.0 | 138.0 |
| 44 | 7.5 | 5.8 | 8.8 |



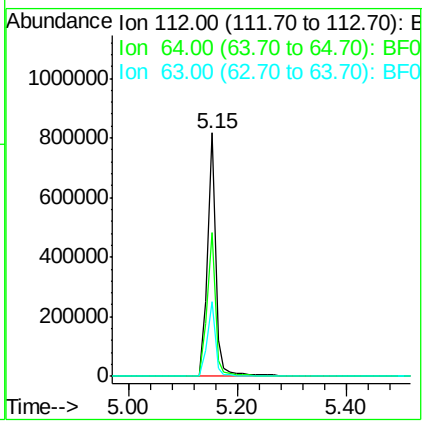


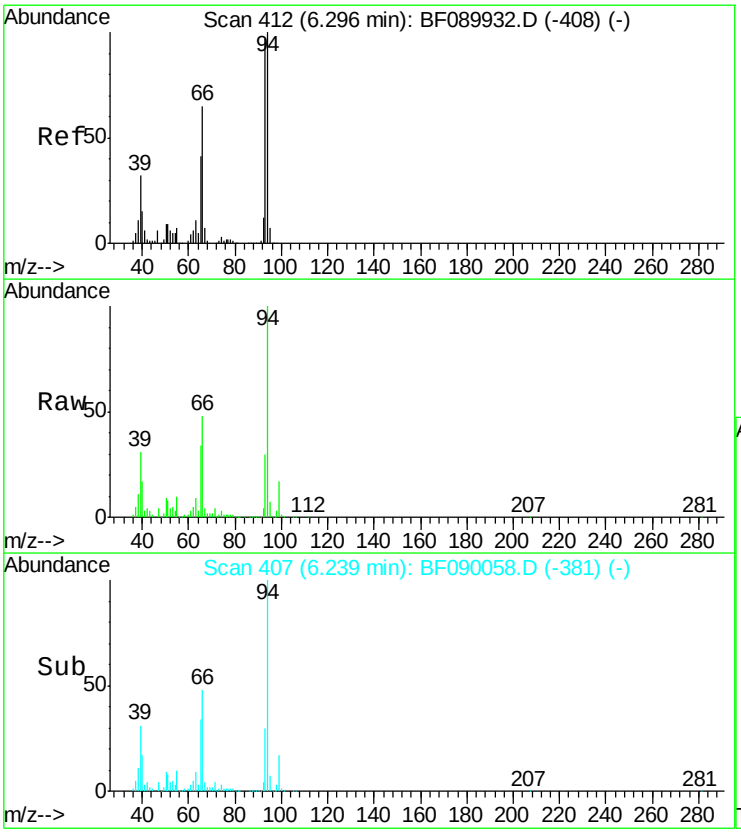

#5
2-Fluorophenol
Concen: 74.85 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:112 Resp: 895302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.2 | 41.1 | 61.7 |
| 63 | 30.6 | 21.2 | 31.8 |

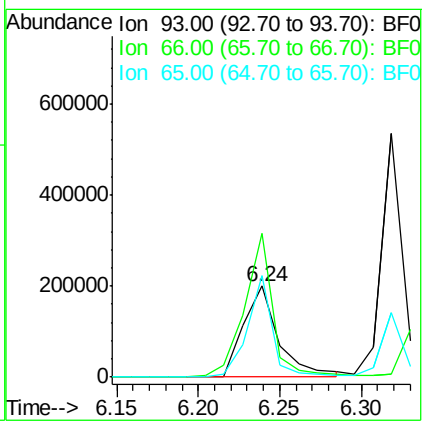


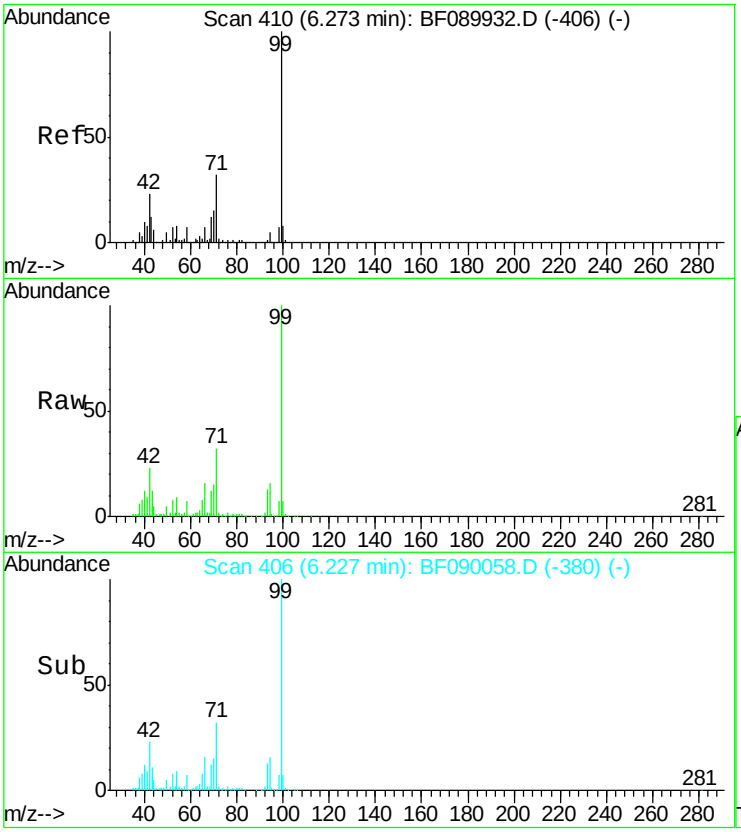




#6
Aniline
Concen: 15.09 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 93 Resp: 299193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 158.1 | 52.9 | 79.3# |
| 65 | 111.4 | 33.0 | 49.6# |



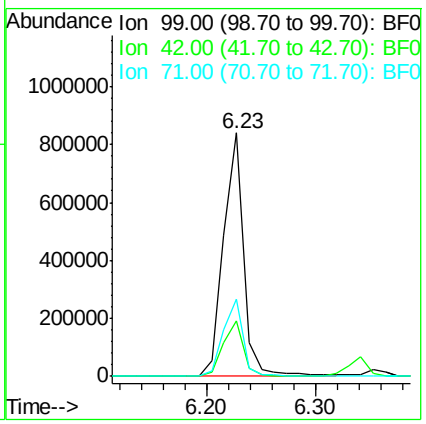


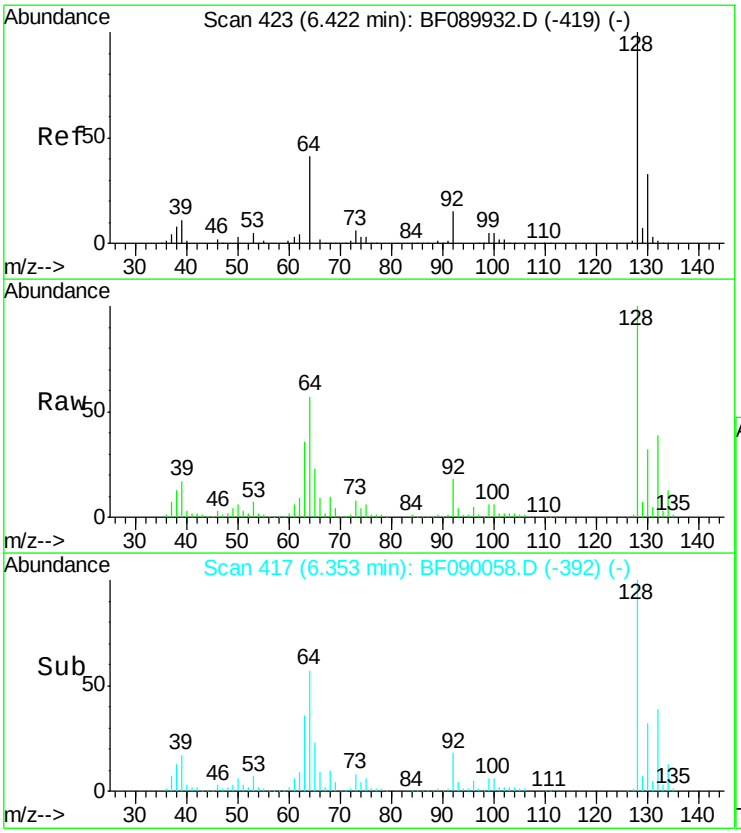

#7
Phenol-d6
Concen: 74.00 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 99 Resp: 1075556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.6 | 18.6 | 27.8 |
| 71 | 31.9 | 25.8 | 38.6 |

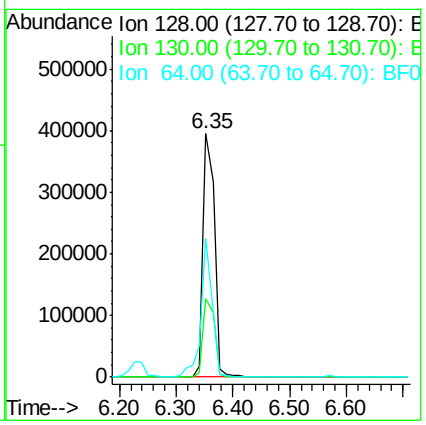


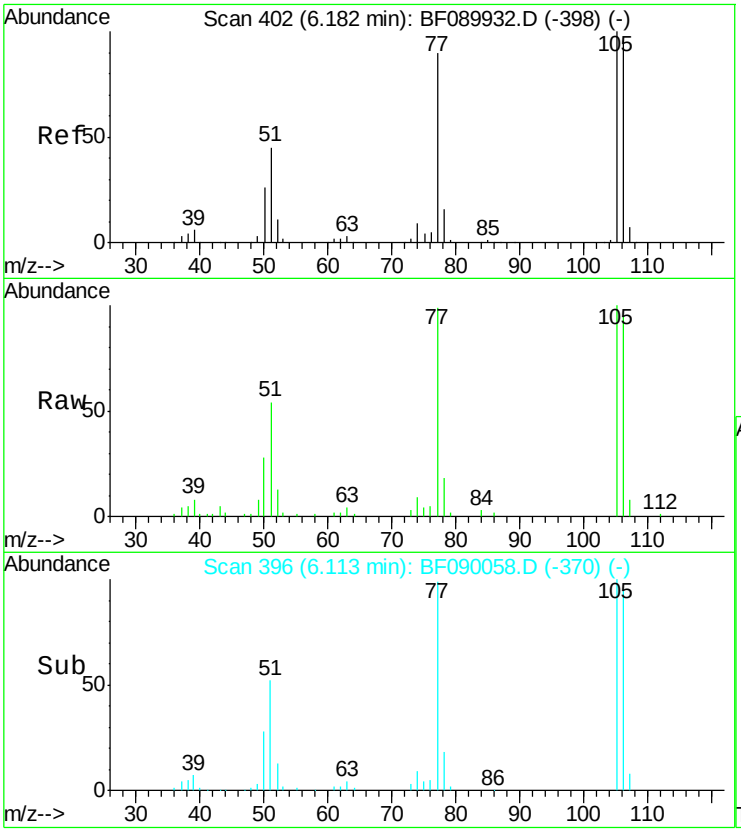




#8
2-Chlorophenol
Concen: 40.21 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:128 Resp: 521749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 12.8 | 52.8 |
| 64 | 56.7 | 23.2 | 63.2 |



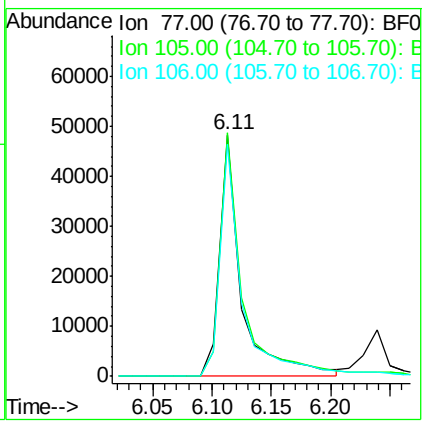


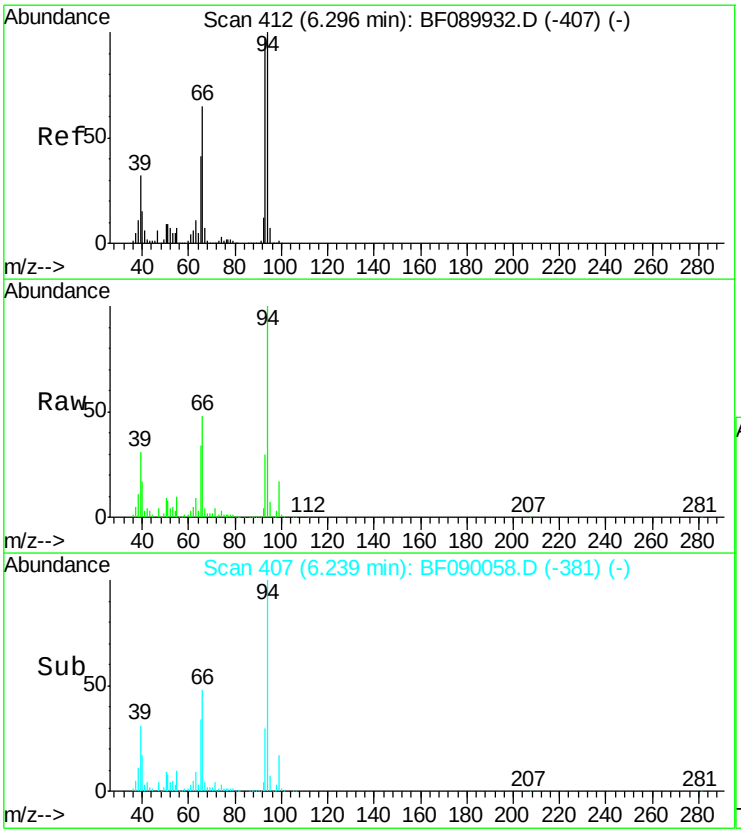

#9
Benzaldehyde
Concen: 6.59 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 77 Resp: 61816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.8 | 85.4 | 125.4 |
| 106 | 96.0 | 83.4 | 123.4 |

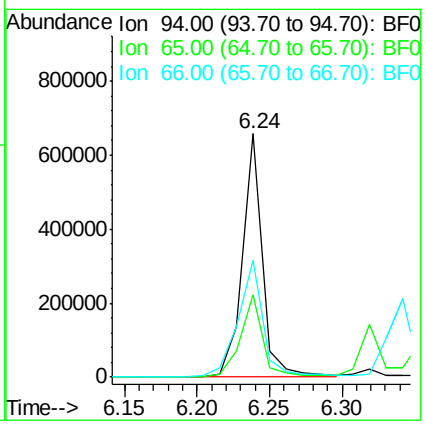


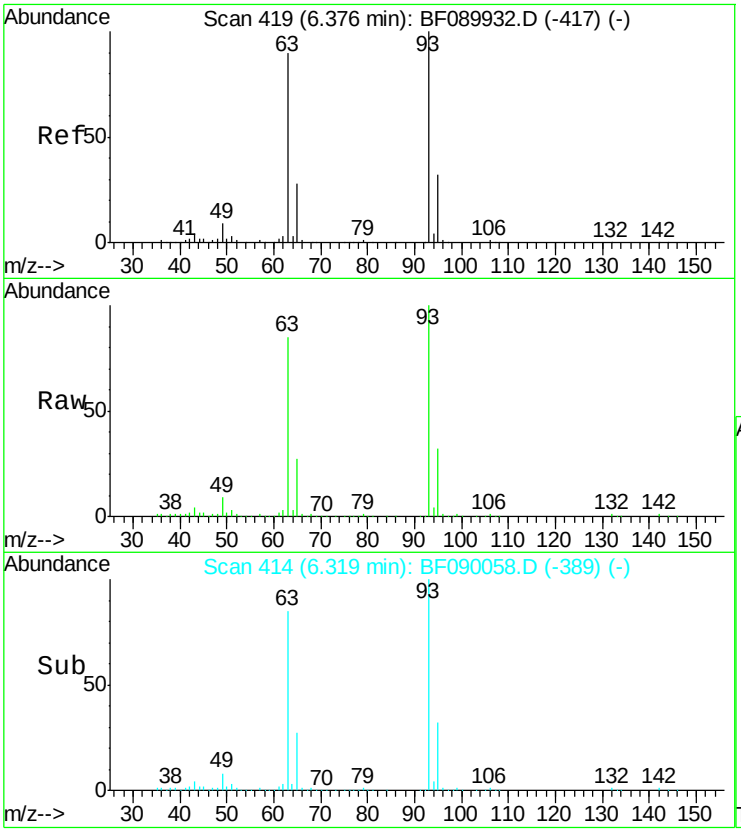




#10
Phenol
Concen: 37.27 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 94 Resp: 629838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.8 | 23.2 | 63.2 |
| 66 | 47.9 | 49.2 | 89.2# |



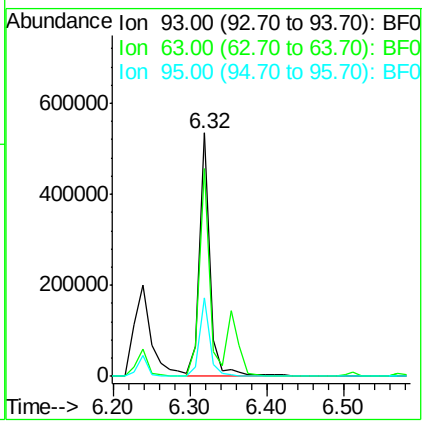


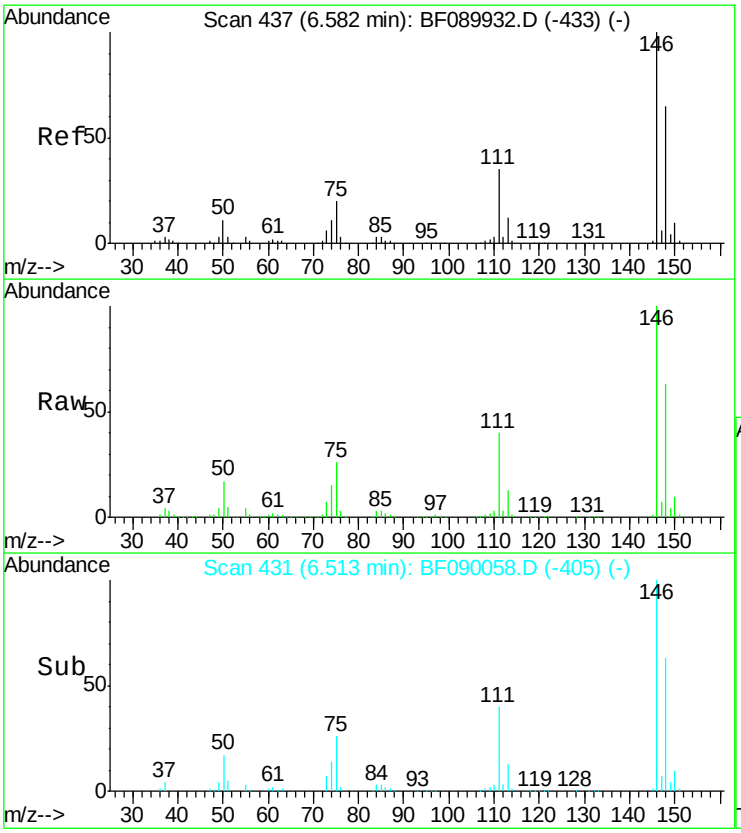

#11
bis(2-Chloroethyl)ether
Concen: 39.05 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 93 Resp: 499402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.2 | 71.1 | 111.1 |
| 95 | 32.1 | 12.4 | 52.4 |

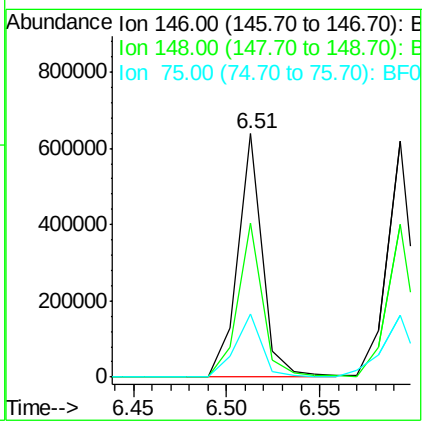


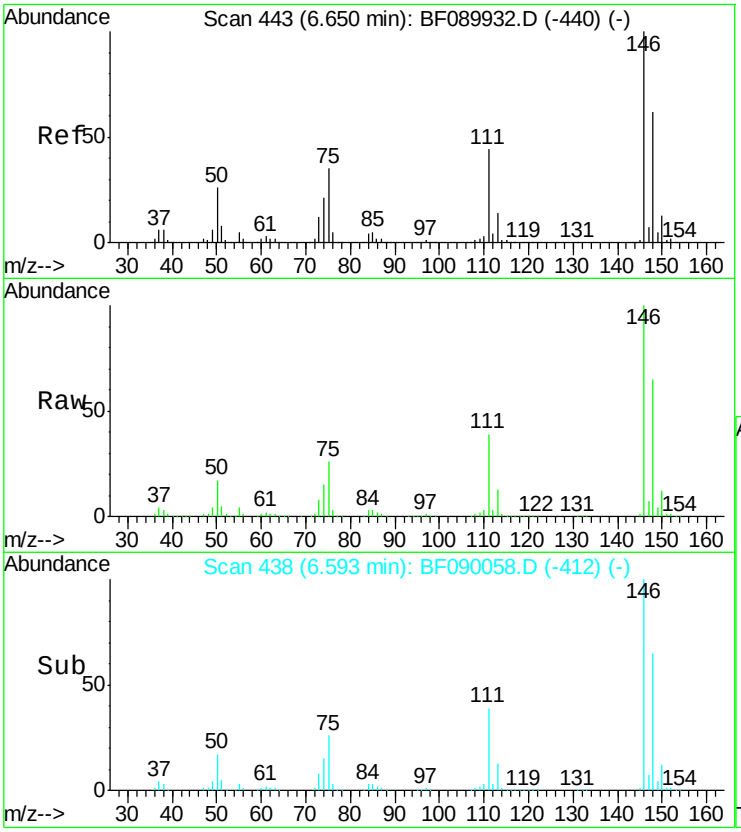




#12
1,3-Dichlorobenzene
Concen: 40.99 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:146 Resp: 594024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 52.5 | 78.7 |
| 75 | 25.7 | 16.6 | 24.8# |



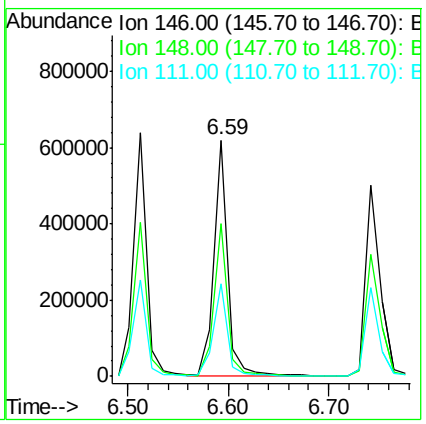


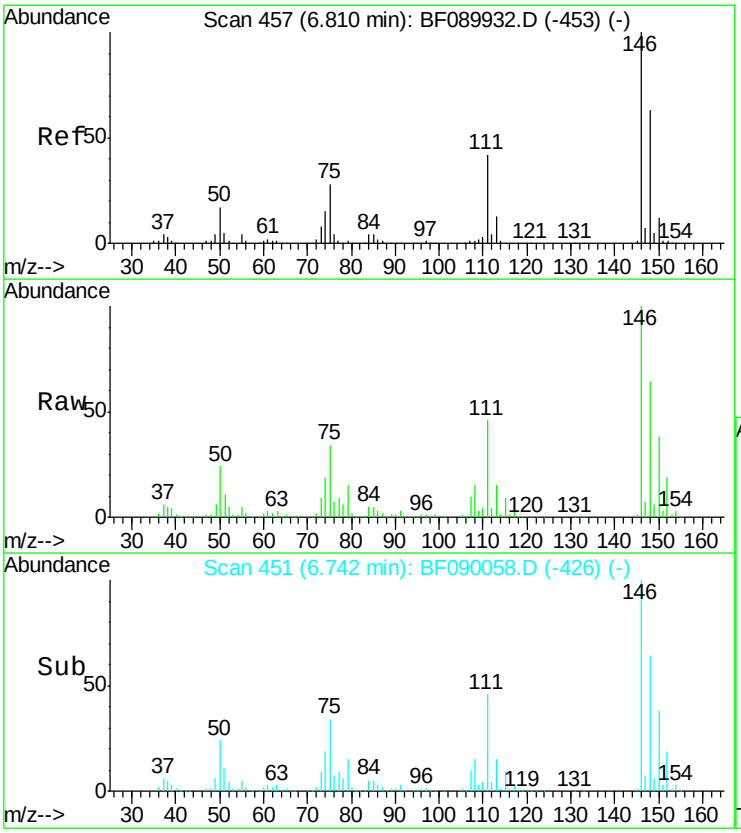

#13
1,4-Dichlorobenzene
Concen: 40.06 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:146 Resp: 594039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 50.1 | 75.1 |
| 111 | 39.2 | 35.8 | 53.6 |

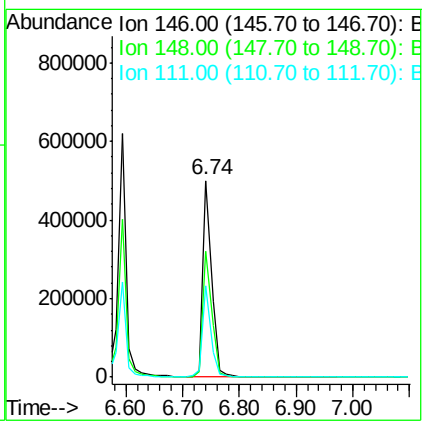


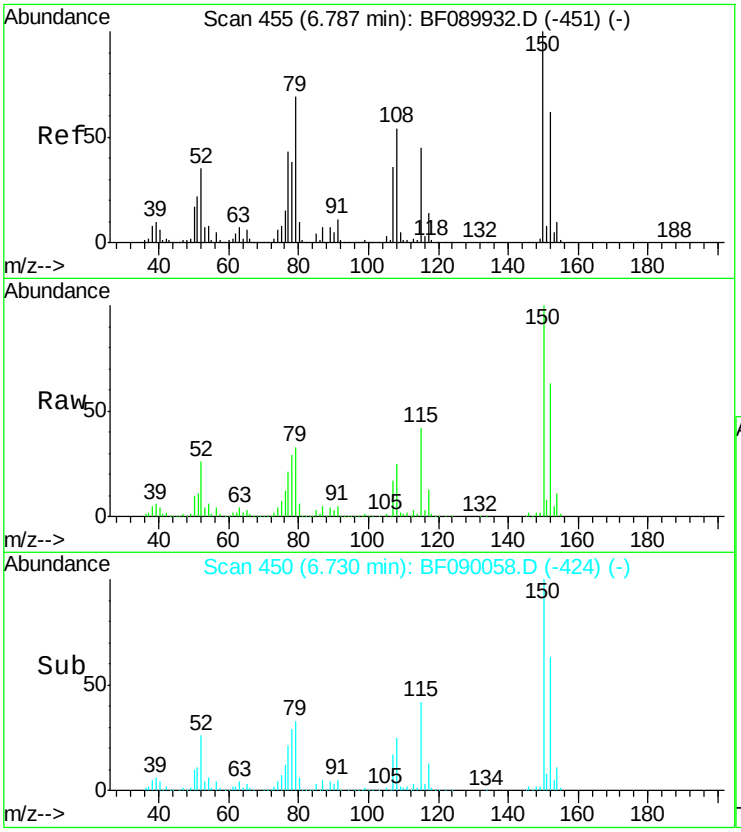




#14
1,2-Dichlorobenzene
Concen: 39.02 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:146 Resp: 518686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.4 | 77.2 |
| 111 | 46.4 | 34.6 | 51.8 |



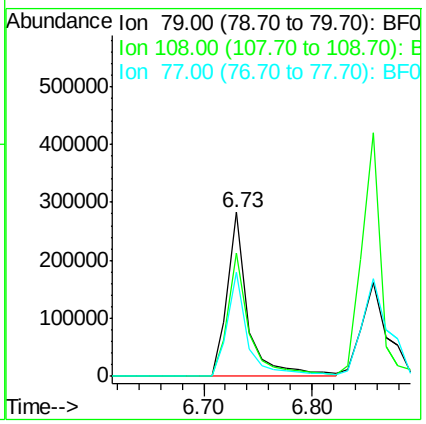


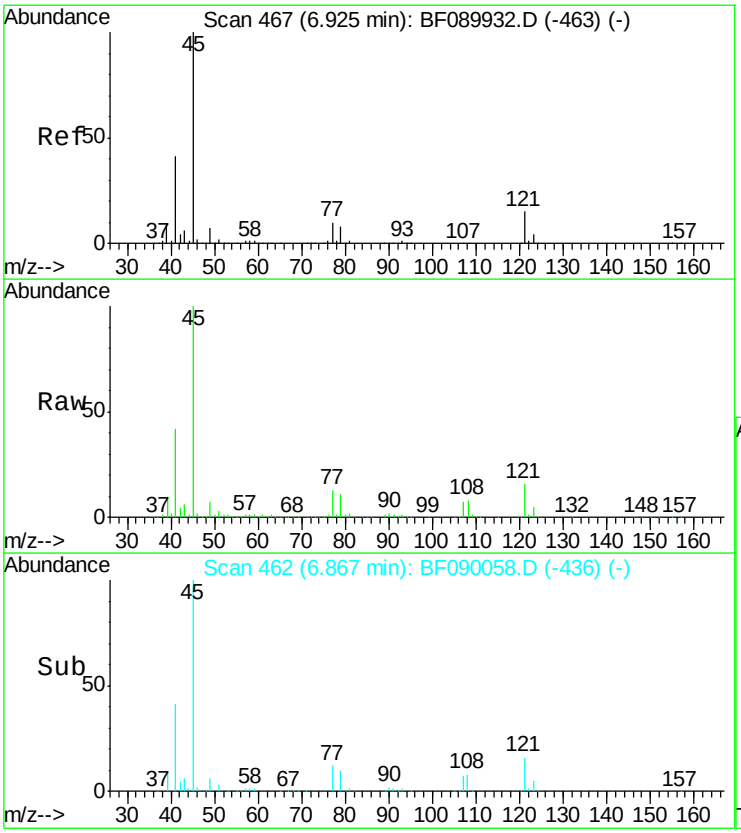

#15
Benzyl Alcohol
Concen: 41.17 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 79 Resp: 374883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.2 | 62.1 | 93.1 |
| 77 | 63.5 | 50.1 | 75.1 |

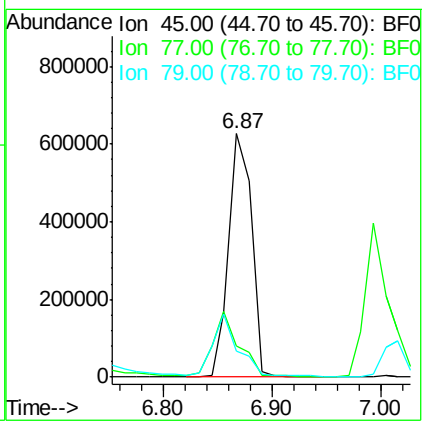


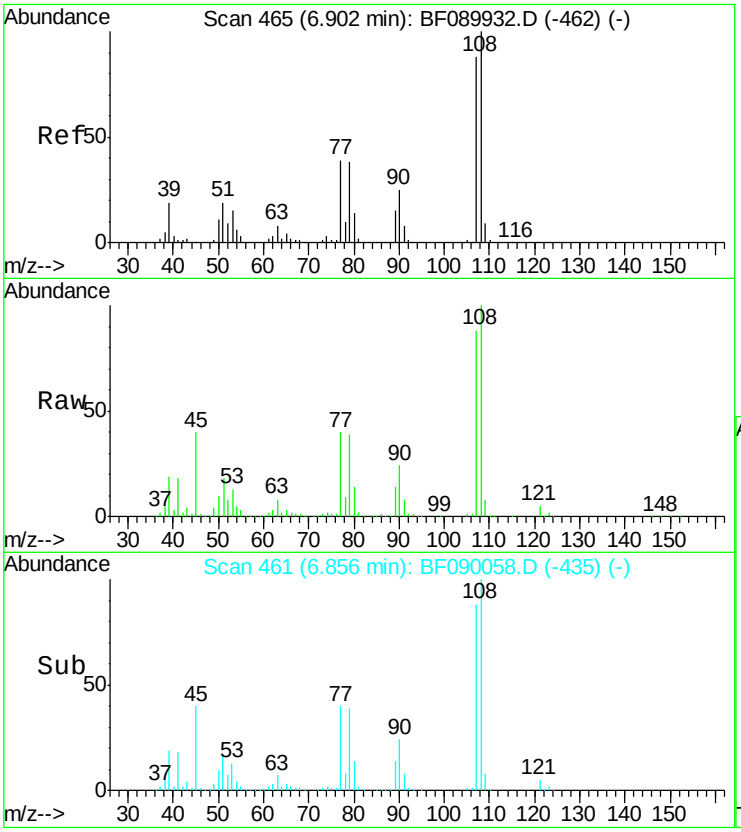




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.37 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 45 Resp: 911424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.7 | 0.0 | 30.3 |
| 79 | 10.6 | 0.0 | 27.5 |



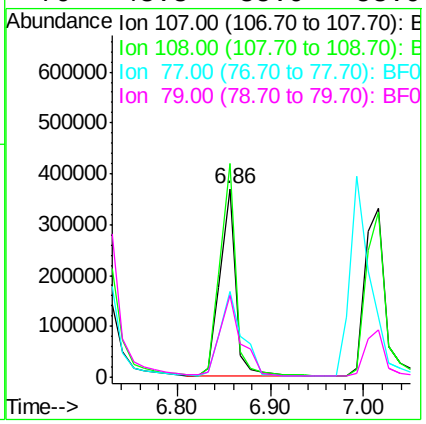


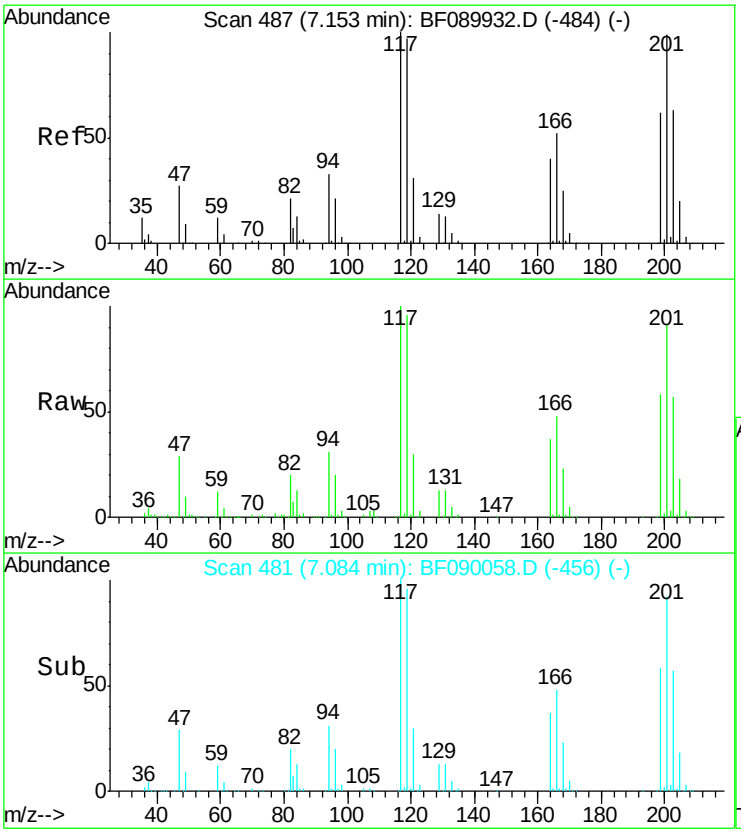

#17
2-Methylphenol
Concen: 41.73 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:107 Resp: 432513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.2 | 91.8 | 137.6 |
| 77 | 45.6 | 36.0 | 54.0 |
| 79 | 43.8 | 35.9 | 53.9 |

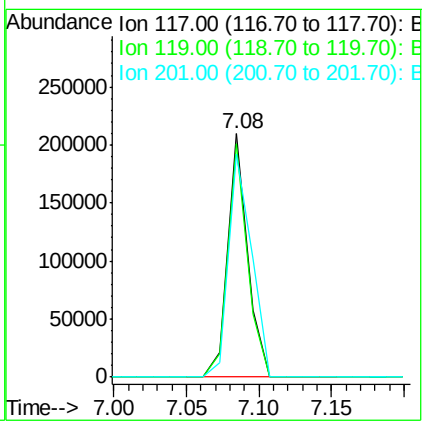


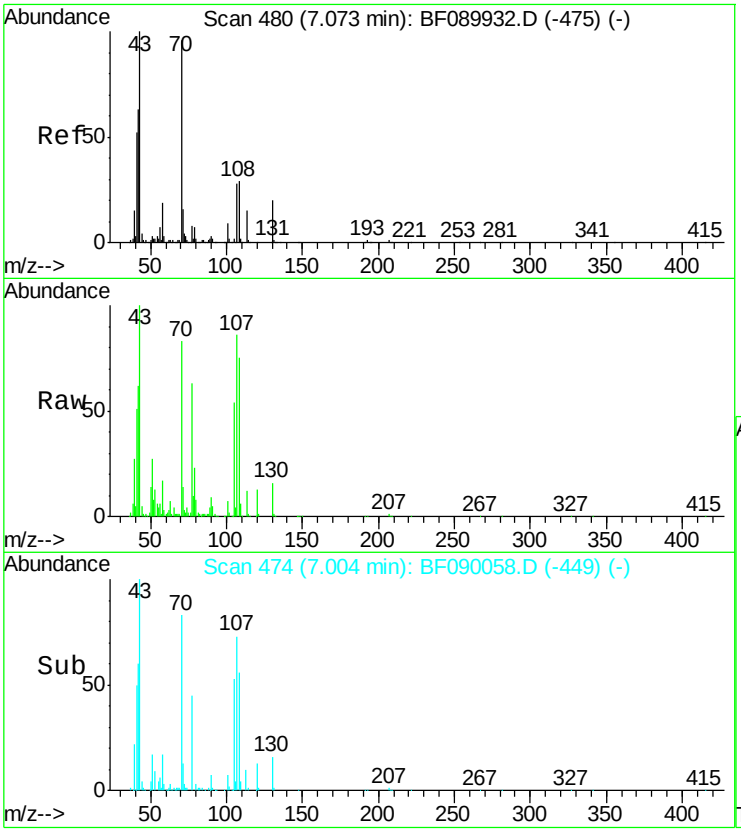




#18
Hexachloroethane
Concen: 39.13 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:117 Resp: 198734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 76.2 | 114.2 |
| 201 | 91.4 | 80.2 | 120.2 |



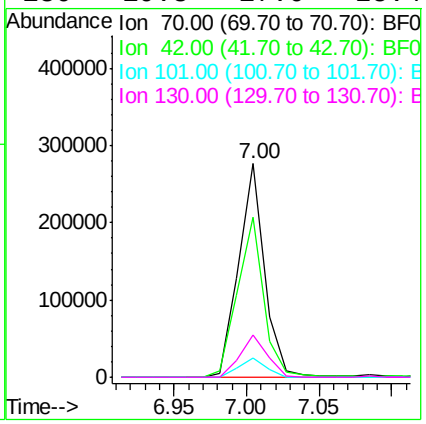


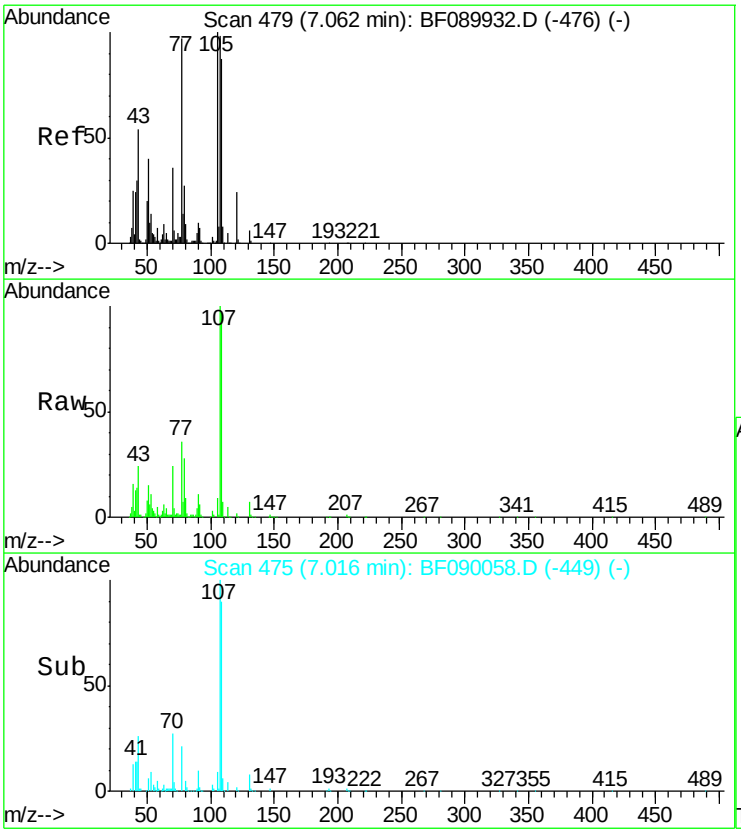

#19
n-Nitroso-di-n-propylamine
Concen: 36.28 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 70 Resp: 343577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 75.0 | 52.1 | 78.1 |
| 101 | 8.8 | 7.4 | 11.2 |
| 130 | 19.8 | 17.0 | 25.4 |

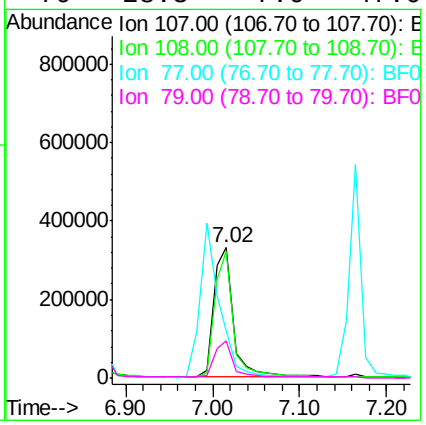


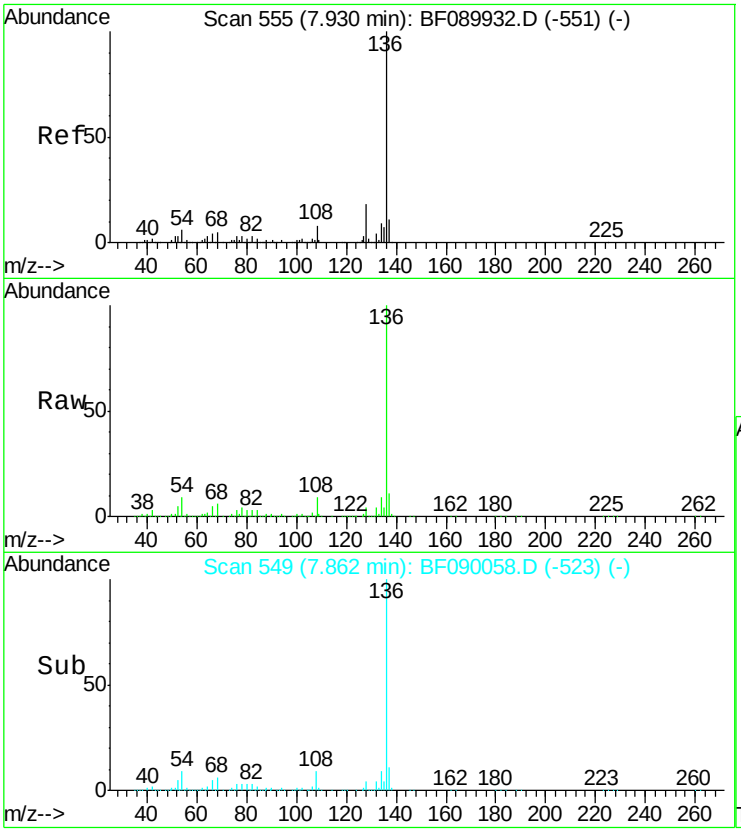




#20
3+4-Methylphenols
Concen: 42.32 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:107 Resp: 531600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 97.4 | 70.2 | 110.2 |
| 77 | 35.9 | 75.7 | 115.7# |
| 79 | 28.3 | 7.0 | 47.0 |



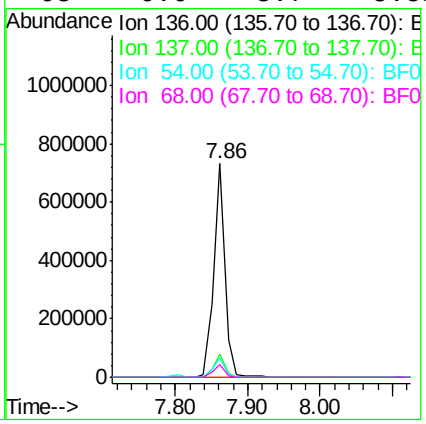


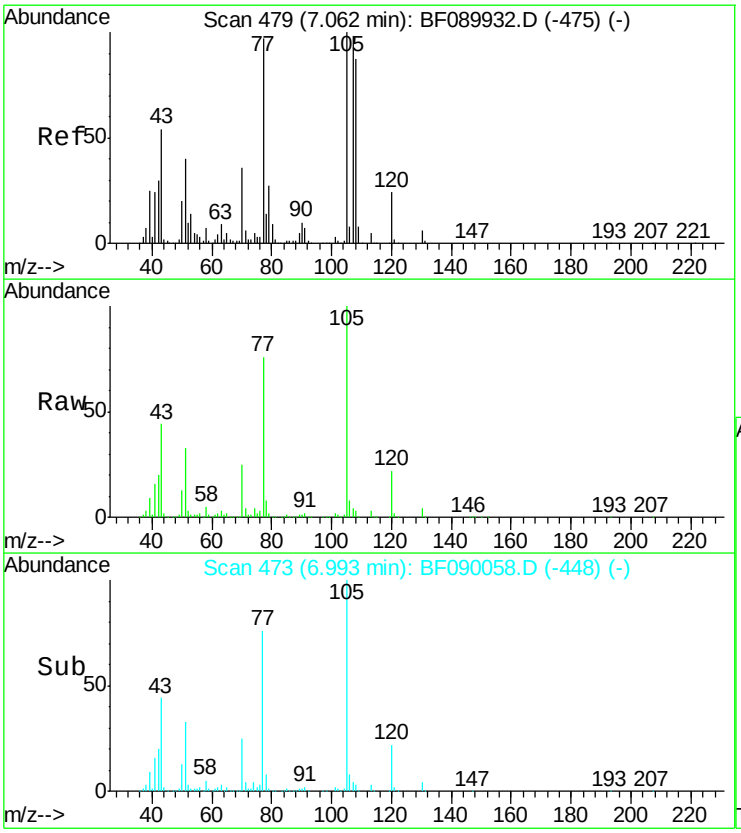

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:136 Resp: 789367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.3 | 12.5 |
| 54 | 9.0 | 4.8 | 7.2# |
| 68 | 6.0 | 3.7 | 5.5# |

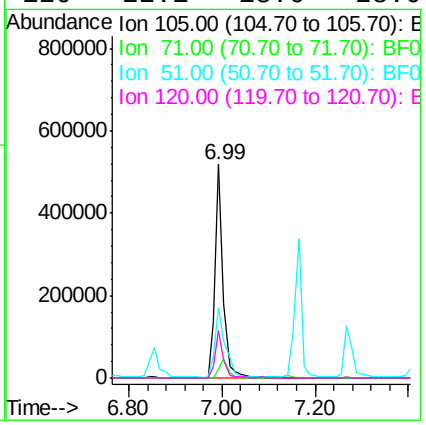


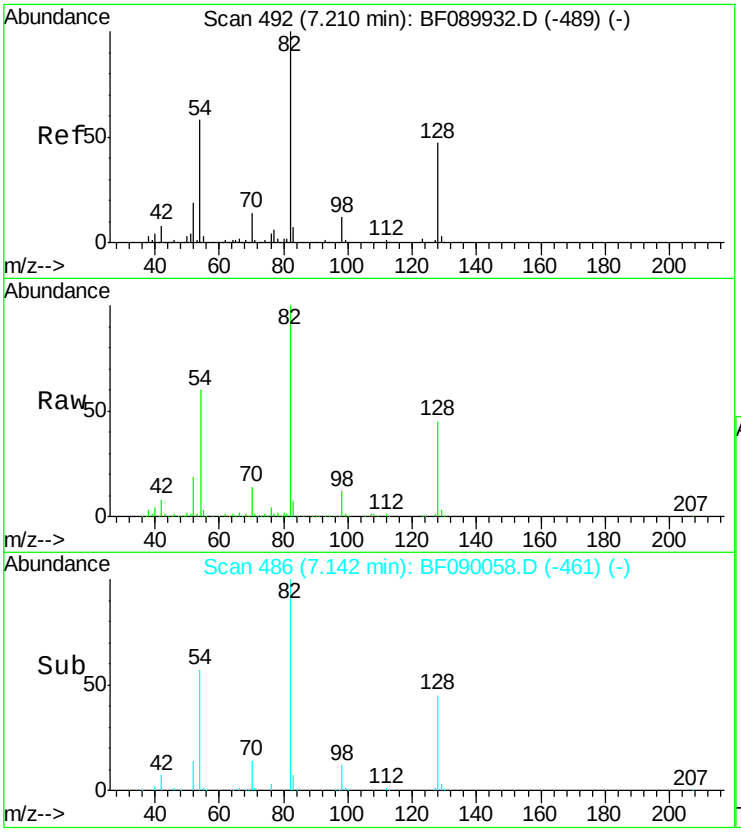




#22
Acetophenone
Concen: 36.00 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:105 Resp: 637449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.0 | 5.3 | 7.9# |
| 51 | 32.8 | 32.6 | 48.8 |
| 120 | 22.1 | 18.6 | 28.0 |



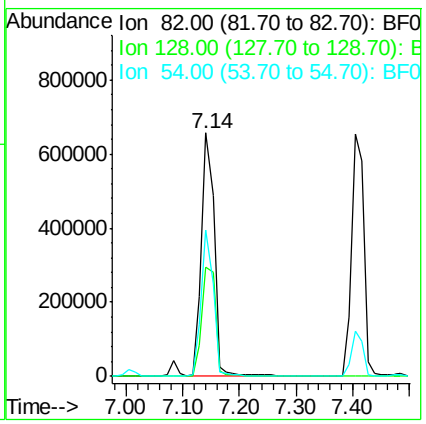


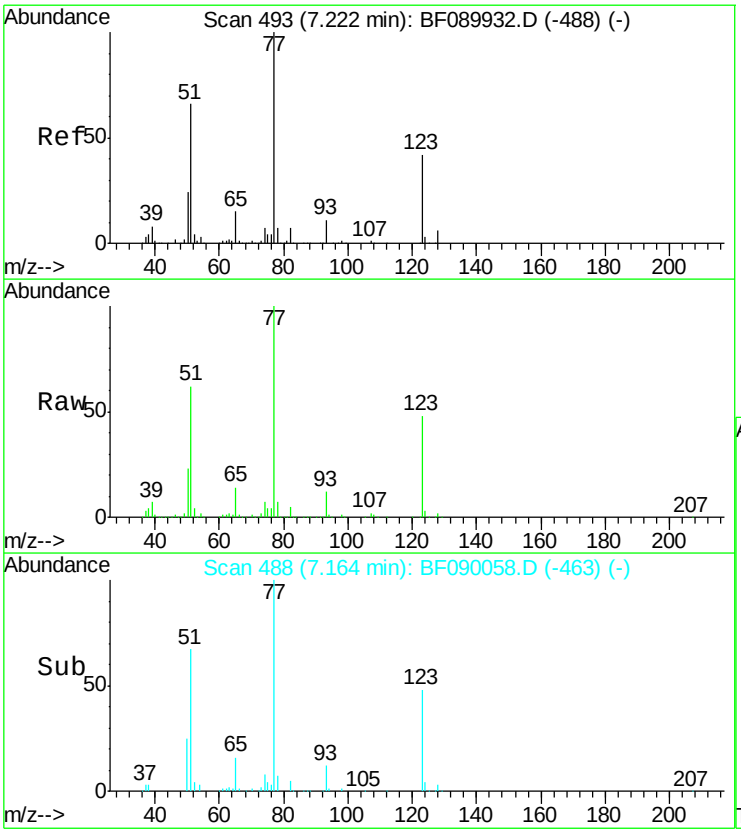

#23
Nitrobenzene-d5
Concen: 73.44 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 82 Resp: 999621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 37.8 | 56.8 |
| 54 | 59.9 | 46.9 | 70.3 |

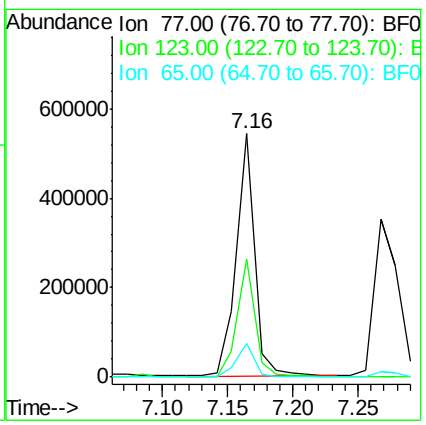


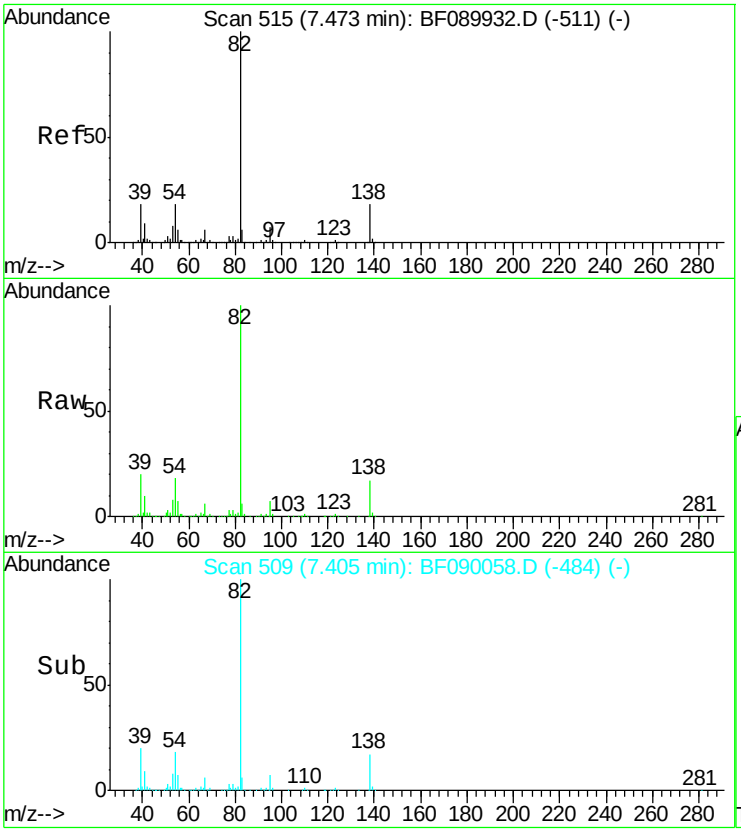




#24
Nitrobenzene
Concen: 36.70 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 77 Resp: 531013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.5 | 32.0 | 48.0# |
| 65 | 14.1 | 11.2 | 16.8 |



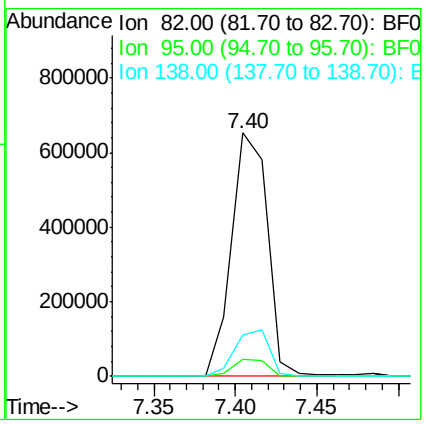


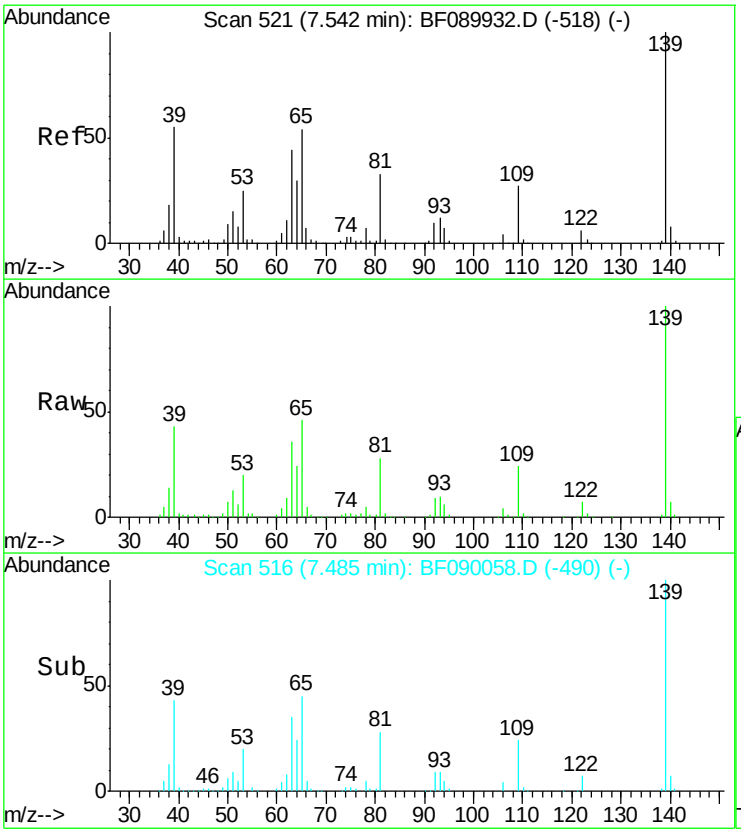

#25
Isophorone
Concen: 35.76 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 82 Resp: 989768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.8 | 5.5 | 8.3 |
| 138 | 16.8 | 14.4 | 21.6 |

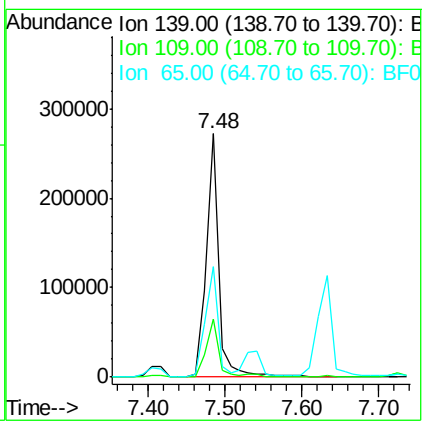


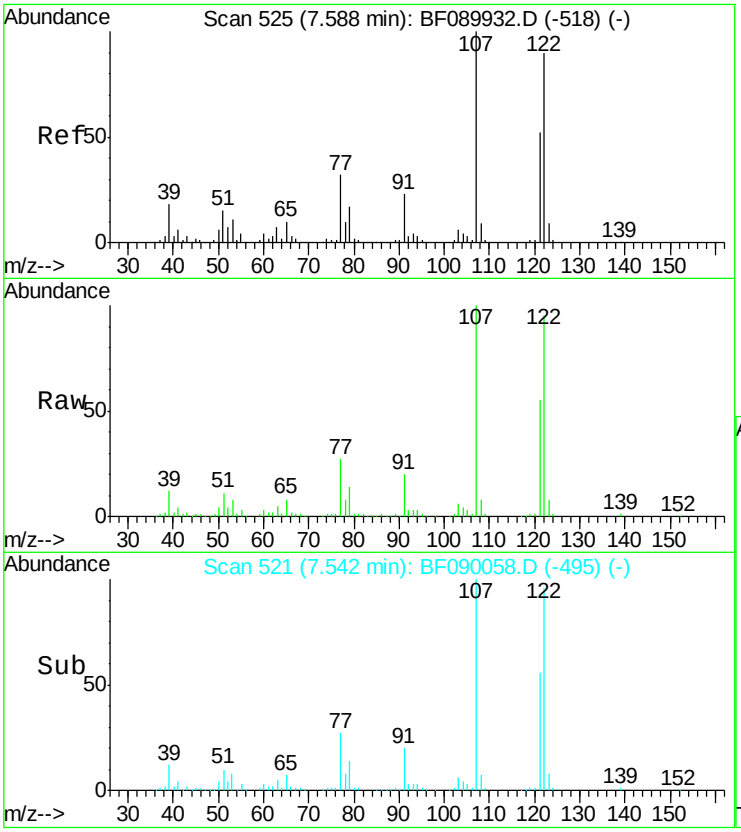




#26
2-Nitrophenol
Concen: 44.05 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:139 Resp: 304726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.0 | 21.0 | 31.4 |
| 65 | 45.6 | 43.4 | 65.0 |



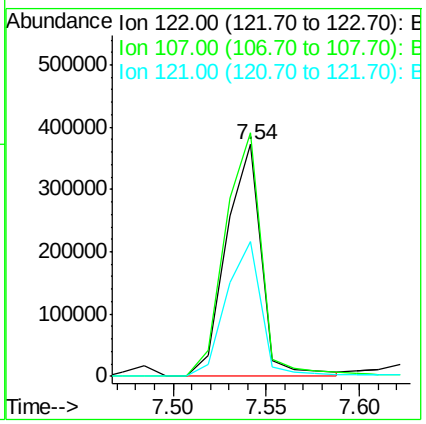


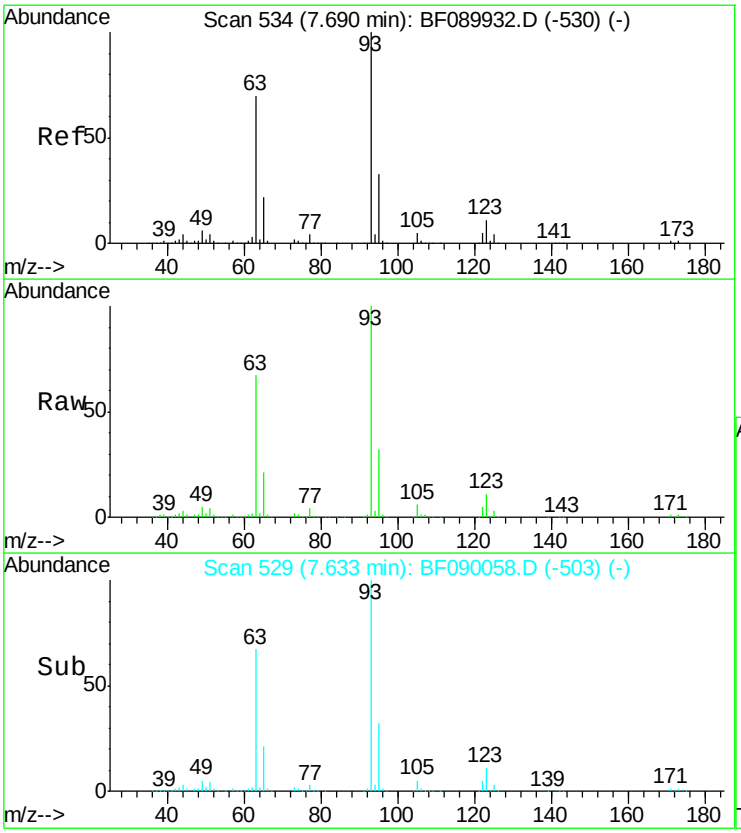

#27
2,4-Dimethylphenol
Concen: 38.15 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:122 Resp: 488201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 105.1 | 88.5 | 132.7 |
| 121 | 58.3 | 46.0 | 69.0 |

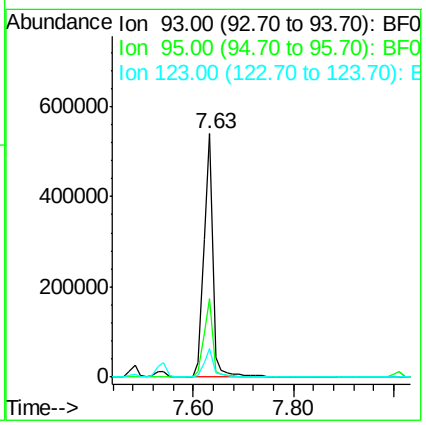


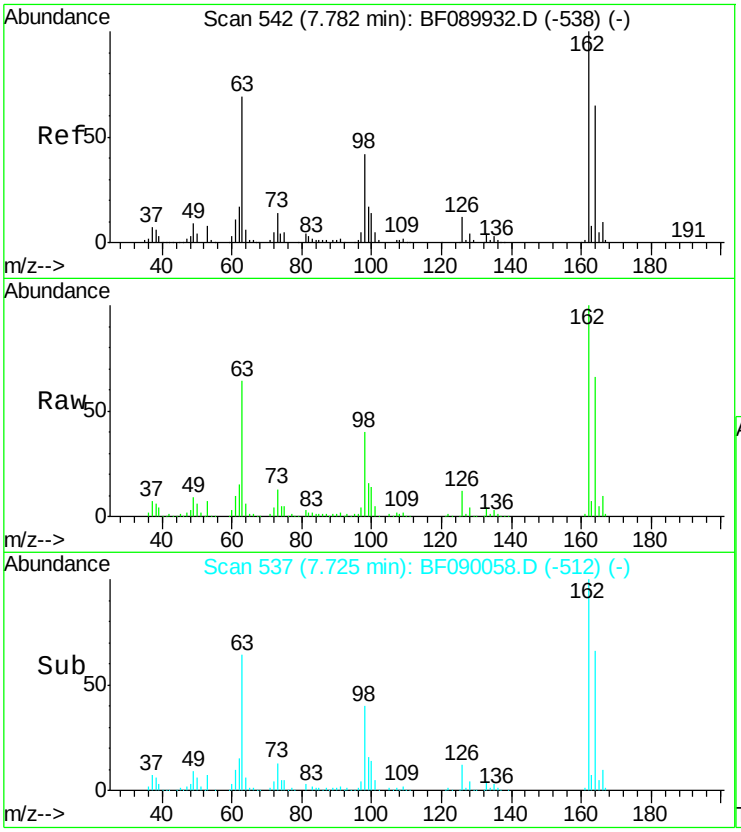




#28
bis(2-Chloroethoxy)methane
Concen: 40.34 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 93 Resp: 673444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.6 | 40.0 |
| 123 | 11.5 | 9.1 | 13.7 |



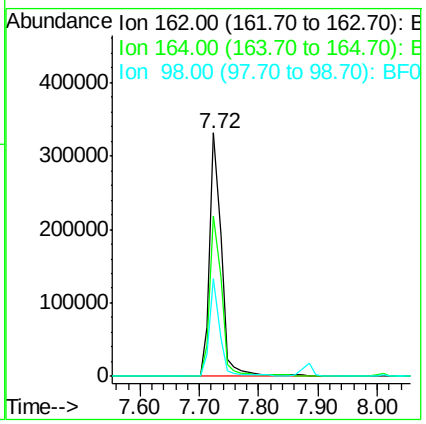


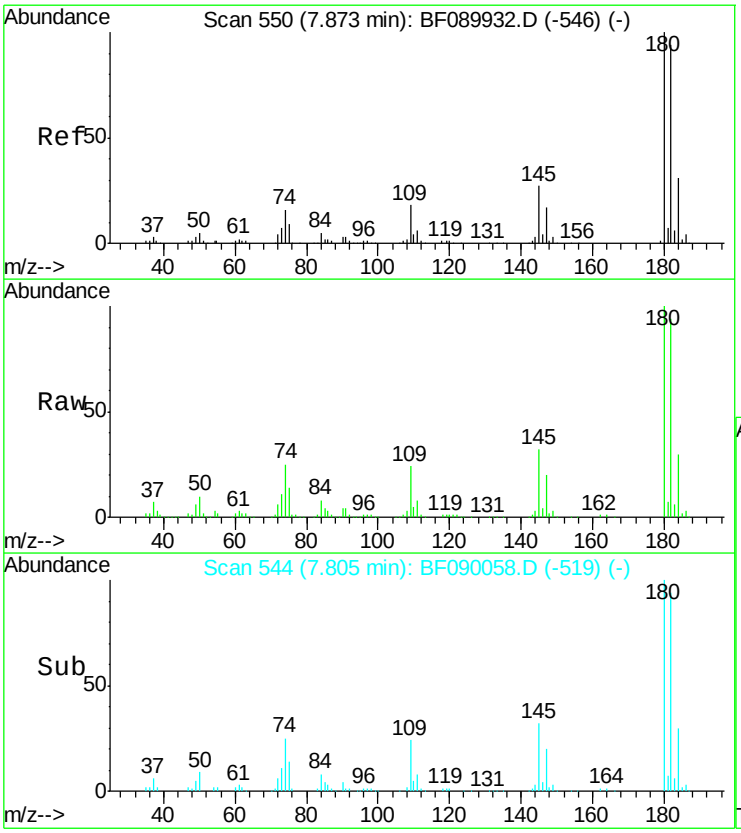

#29
2,4-Dichlorophenol
Concen: 39.86 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:162 Resp: 457188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.8 | 46.6 | 86.6 |
| 98 | 40.1 | 22.0 | 62.0 |

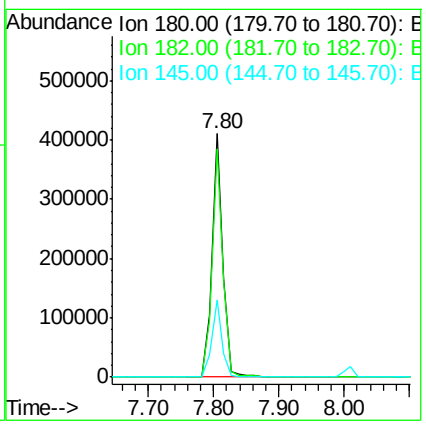


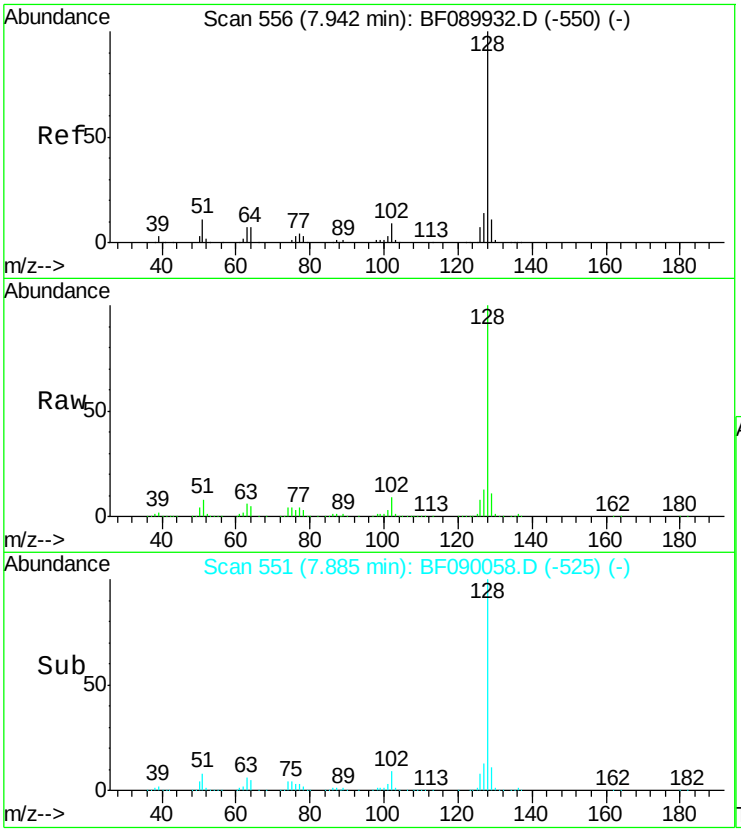




#30
1,2,4-Trichlorobenzene
Concen: 38.74 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:180 Resp: 485773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.9 | 76.2 | 114.2 |
| 145 | 31.9 | 22.2 | 33.4 |



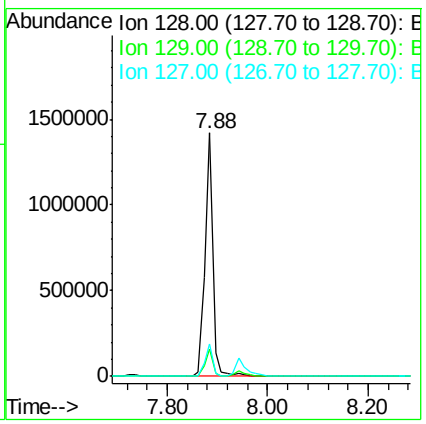


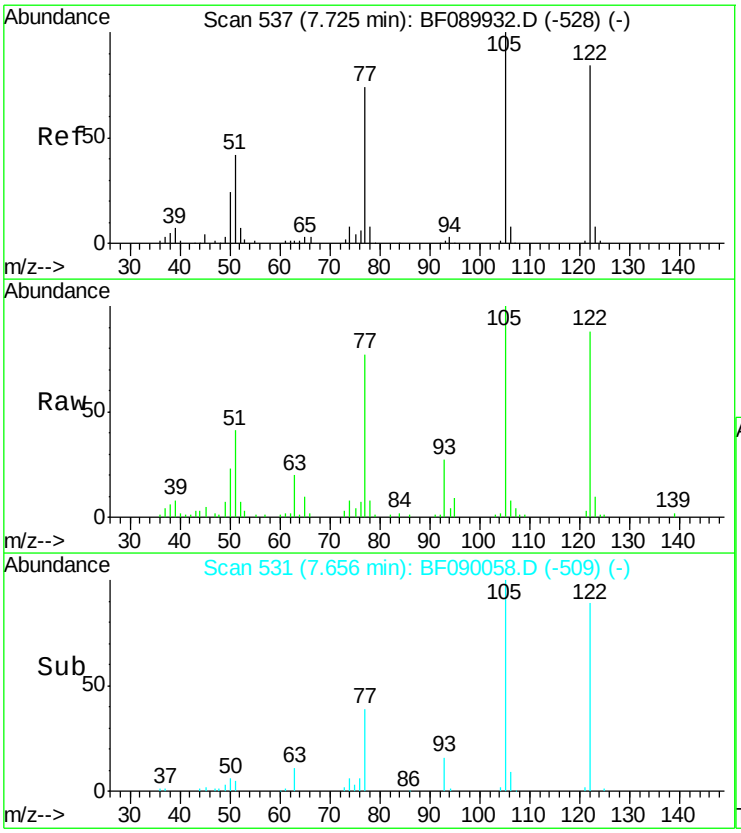

#31
Naphthalene
Concen: 39.61 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:128 Resp: 1557521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.4 | 14.0 |
| 127 | 13.4 | 10.7 | 16.1 |

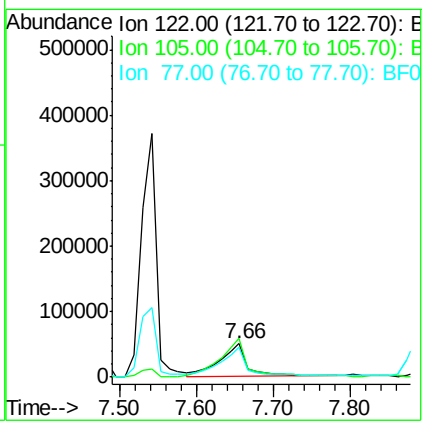


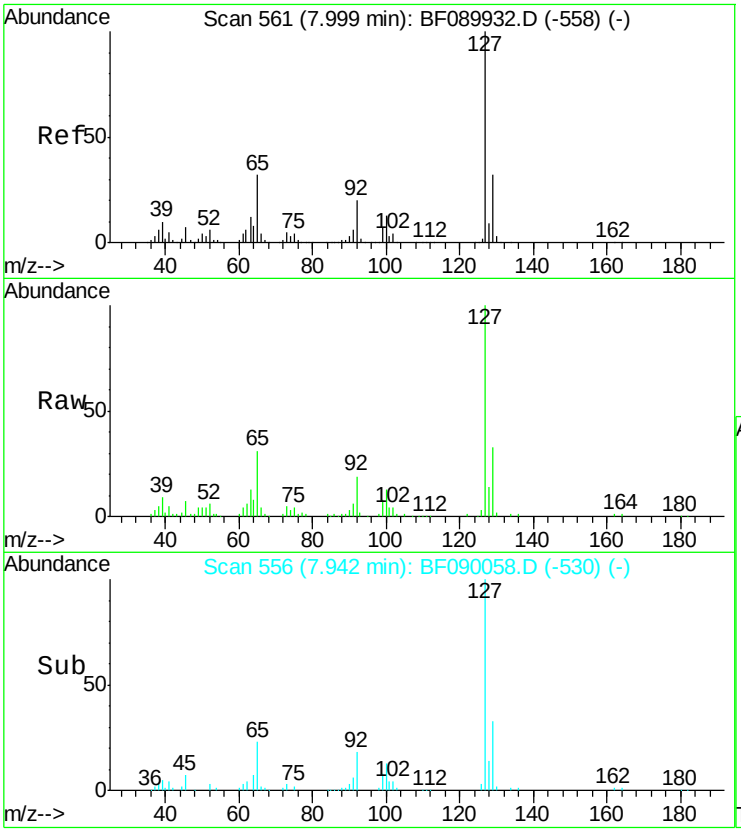




#32
Benzoic acid
Concen: 14.99 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:122 Resp: 129169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 113.8 | 102.2 | 142.2 |
| 77 | 87.8 | 74.1 | 114.1 |



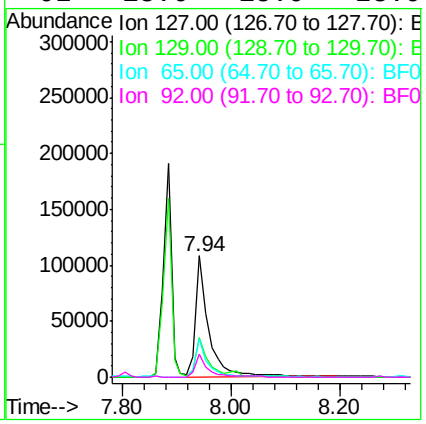


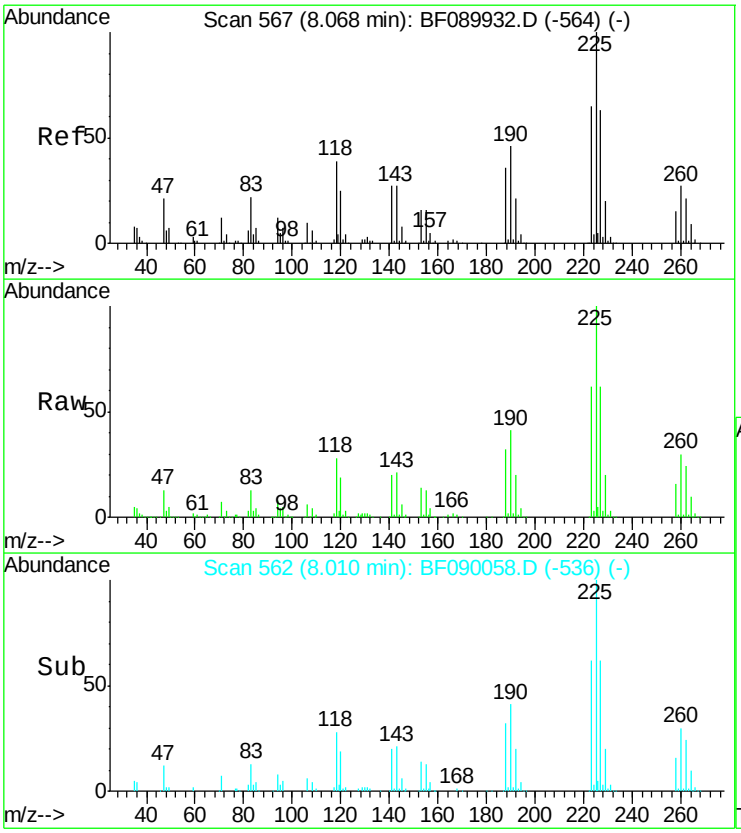

#33
4-Chloroaniline
Concen: 11.45 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:127 Resp: 181693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 25.9 | 38.9 |
| 65 | 31.4 | 26.0 | 39.0 |
| 92 | 18.6 | 15.9 | 23.9 |

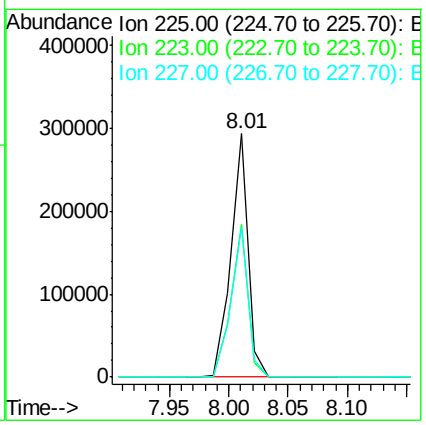


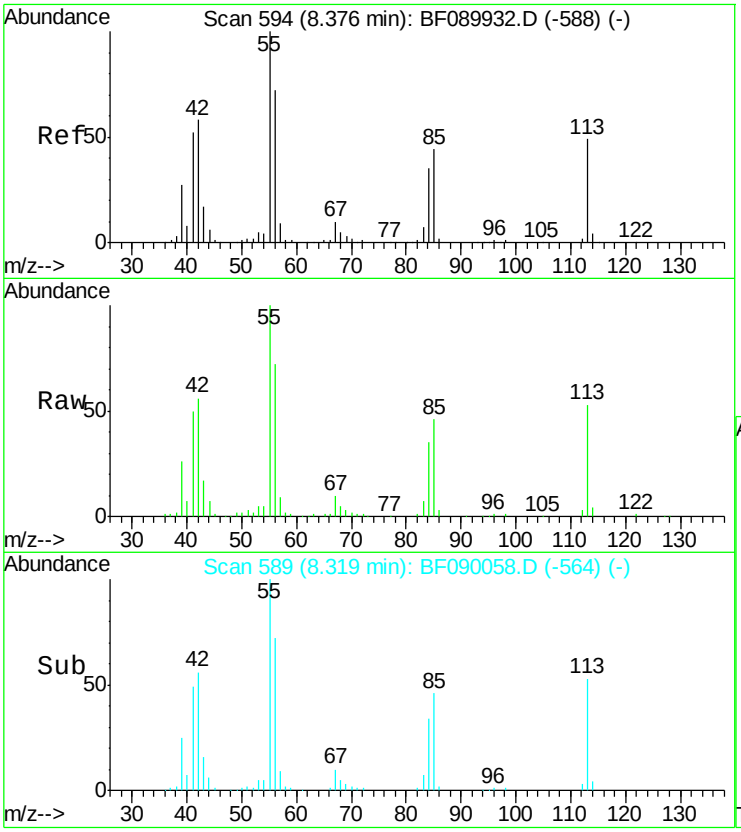




#34
Hexachlorobutadiene
Concen: 40.01 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:225 Resp: 294042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 52.6 | 78.8 |
| 227 | 61.7 | 50.8 | 76.2 |



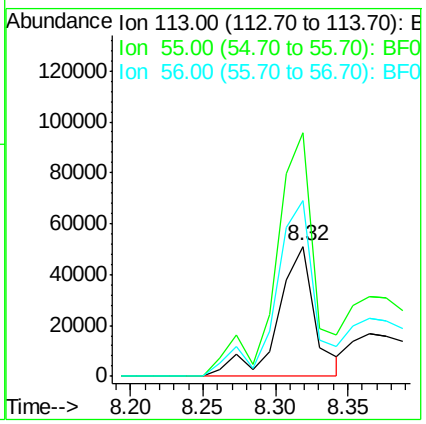


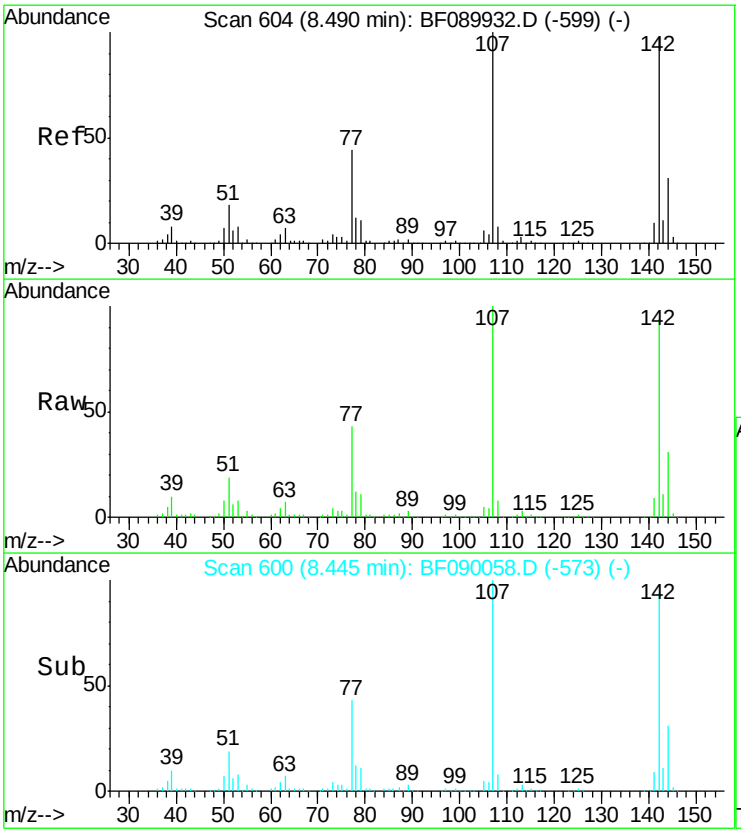

#35
Caprolactam
Concen: 24.97 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:113 Resp: 90401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 187.4 | 178.5 | 218.5 |
| 56 | 134.9 | 122.7 | 162.7 |

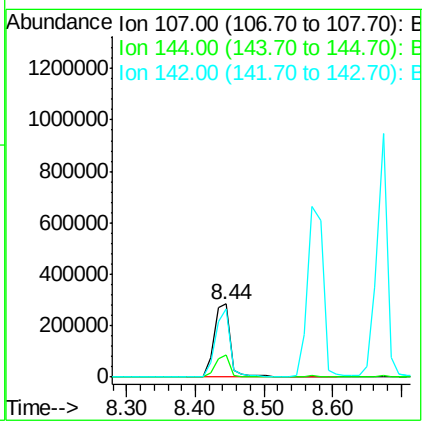


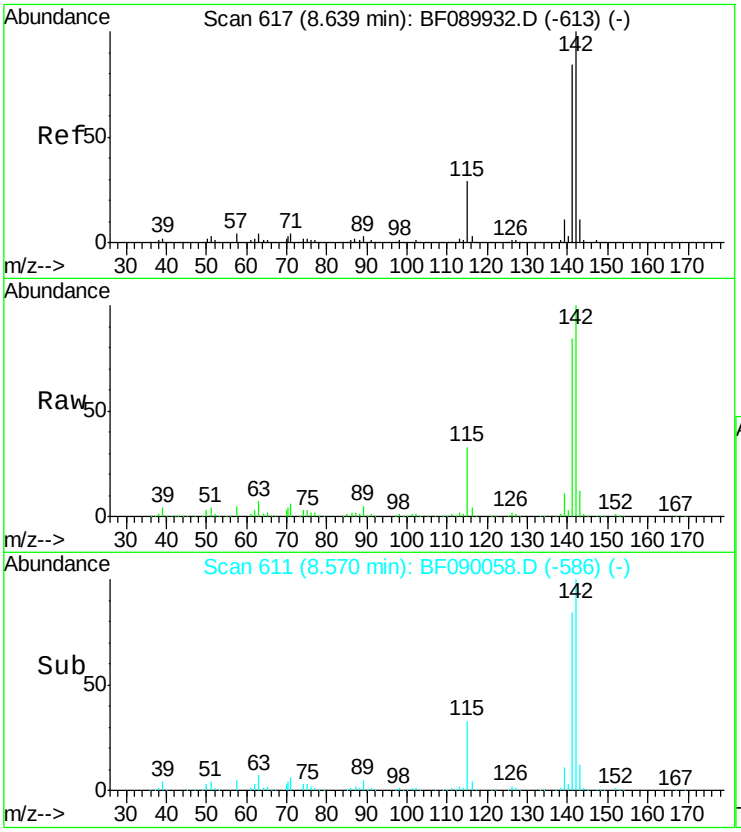




#36
4-Chloro-3-methylphenol
Concen: 40.25 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:107 Resp: 488967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 31.2 | 25.8 | 38.8 |
| 142 | 94.3 | 79.2 | 118.8 |



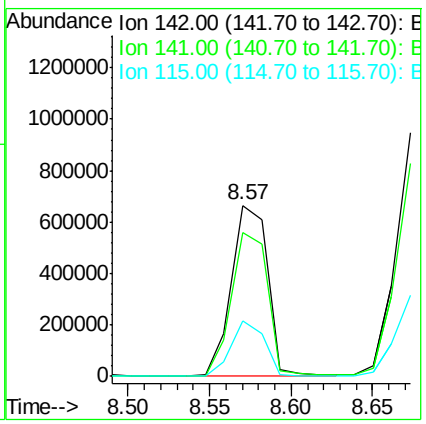


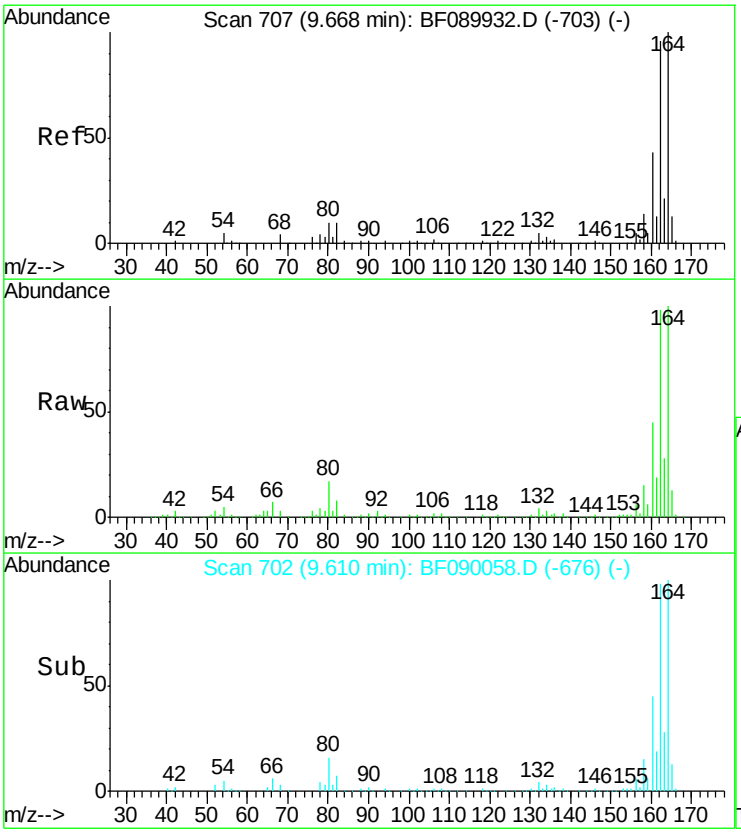

#37
2-Methylnaphthalene
Concen: 39.37 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:142 Resp: 1023079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.9 | 68.3 | 102.5 |
| 115 | 32.6 | 23.8 | 35.8 |

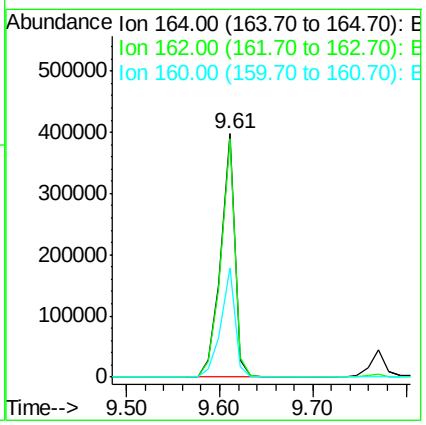


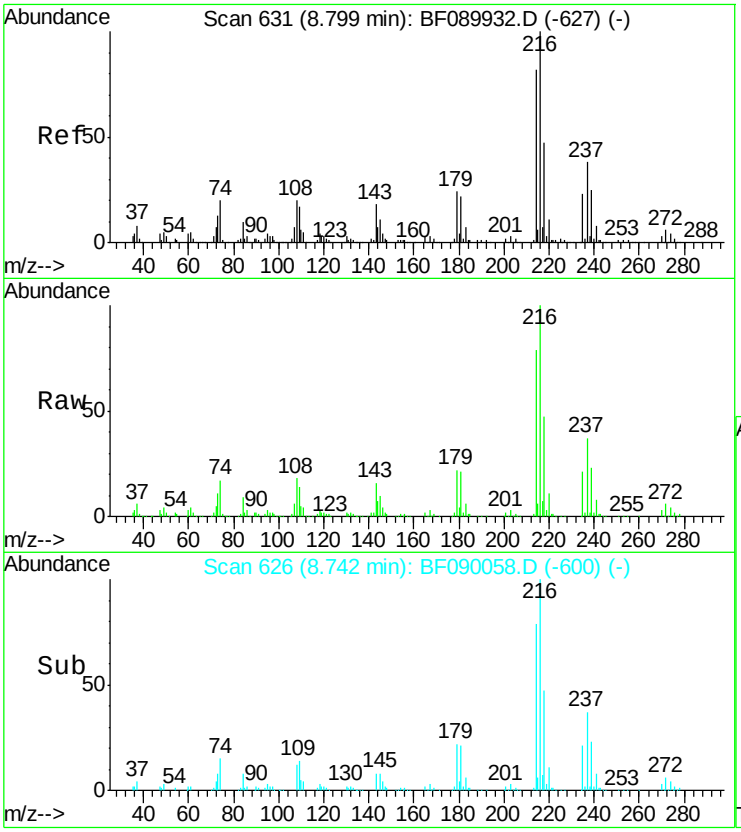




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:164 Resp: 420025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.9 | 77.1 | 115.7 |
| 160 | 44.6 | 35.3 | 52.9 |



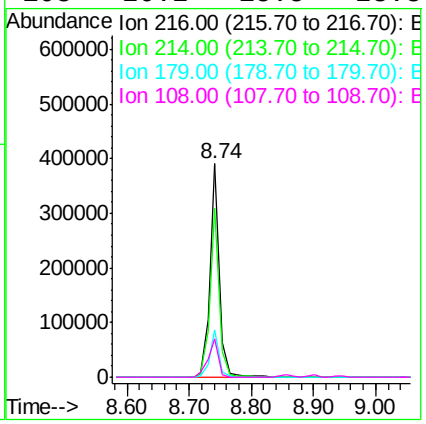


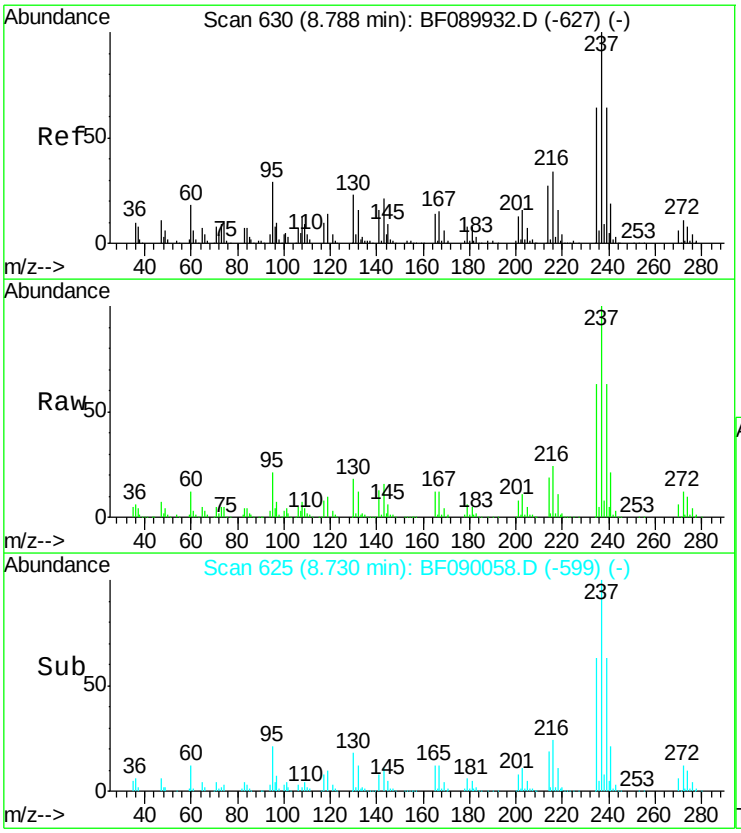

#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.94 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:216 Resp: 405349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 63.4 | 95.2 |
| 179 | 21.4 | 17.3 | 25.9 |
| 108 | 20.2 | 15.5 | 23.3 |

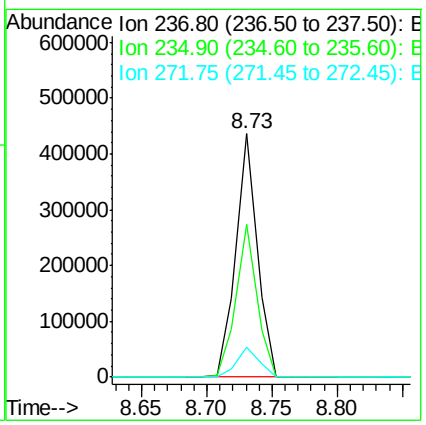


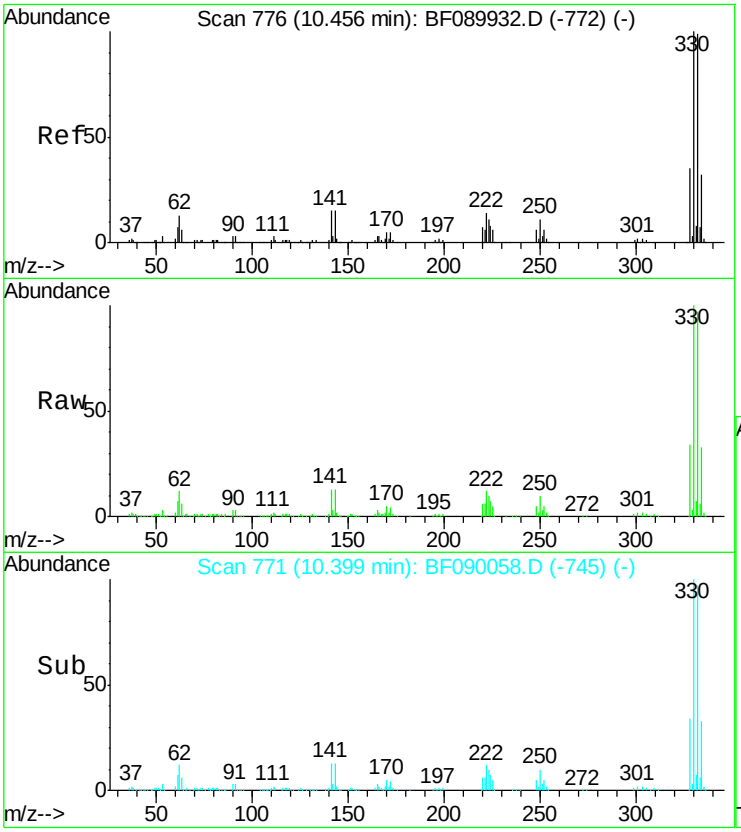




#40
Hexachlorocyclopentadiene
Concen: 78.95 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:237 Resp: 498130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 39.6 | 79.6 |
| 272 | 12.1 | 0.0 | 34.6 |



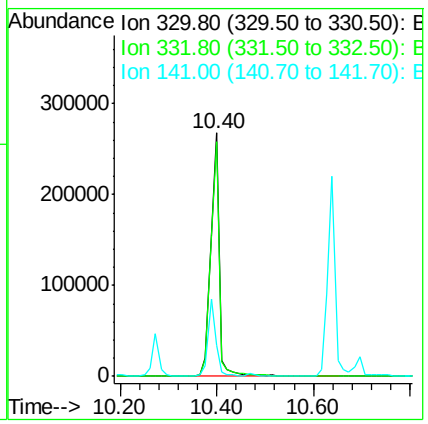


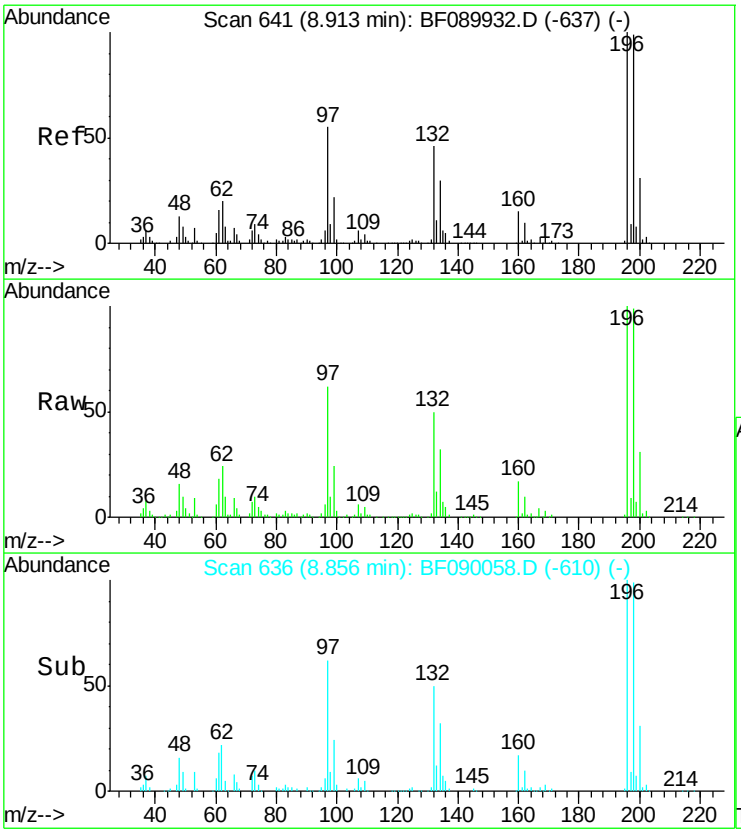

#41
2,4,6-Tribromophenol
Concen: 82.01 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:330 Resp: 339820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 78.6 | 117.8 |
| 141 | 28.1 | 23.3 | 34.9 |

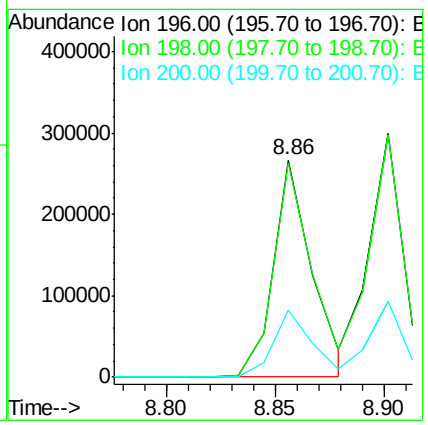


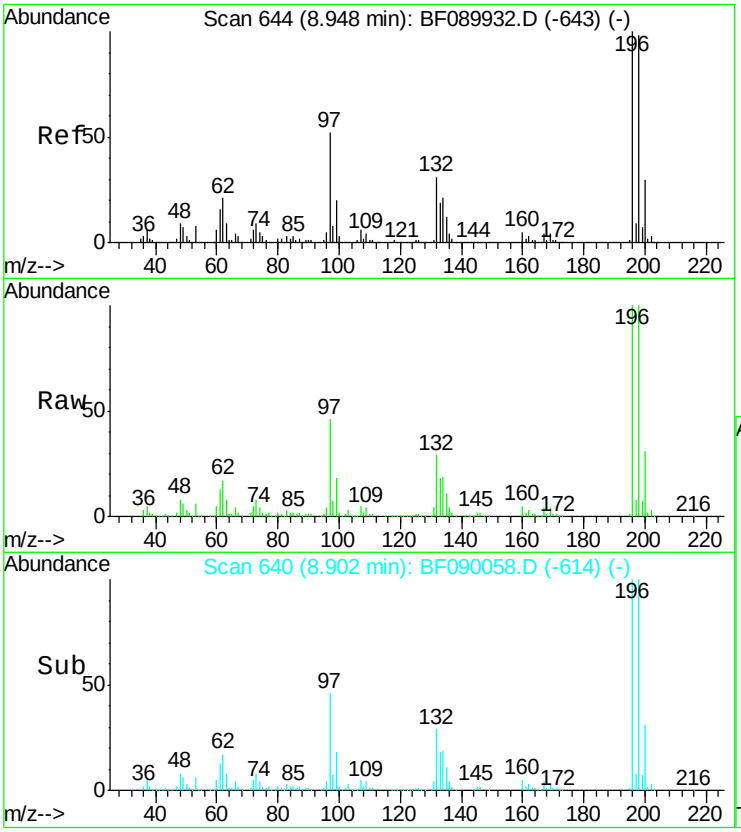




#42
2,4,6-Trichlorophenol
Concen: 38.69 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:196 Resp: 329961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 78.3 | 117.5 |
| 200 | 31.1 | 24.8 | 37.2 |



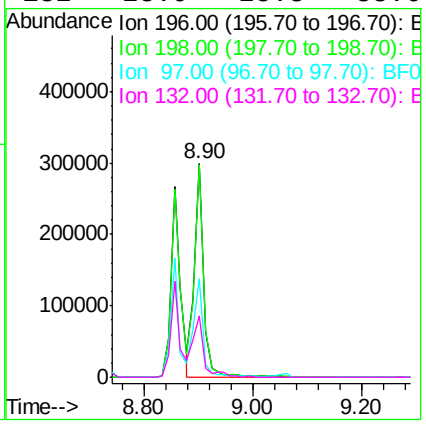


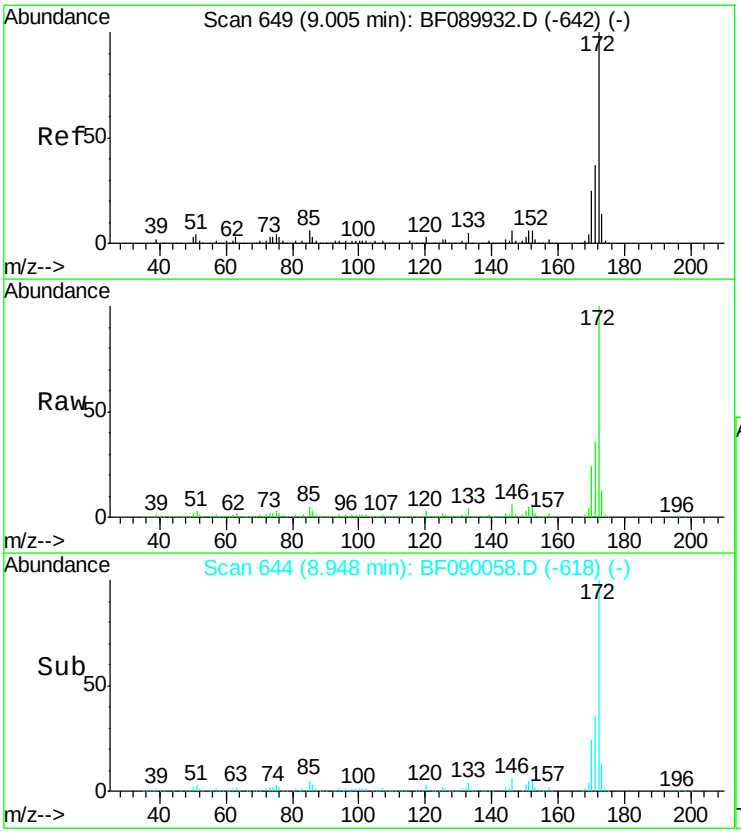

#43
2,4,5-Trichlorophenol
Concen: 43.13 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:196 Resp: 353636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.6 | 80.8 | 121.2 |
| 97 | 46.1 | 44.2 | 66.4 |
| 132 | 28.9 | 25.8 | 38.6 |

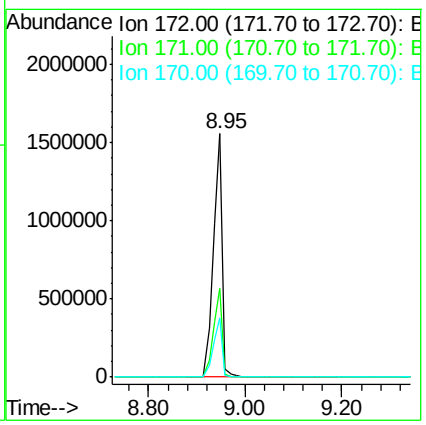


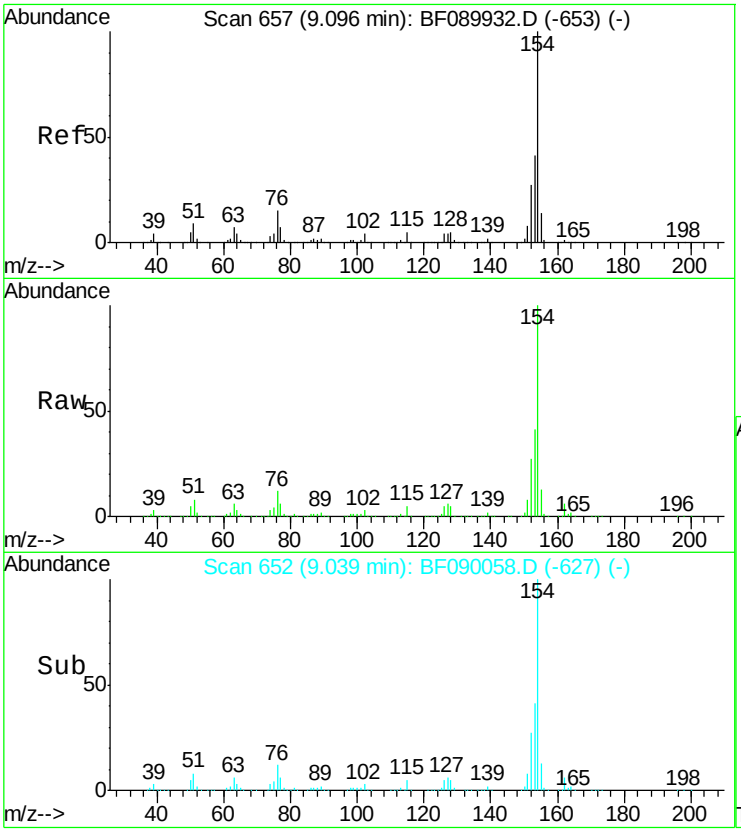




#44
2-Fluorobiphenyl
Concen: 79.76 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:172 Resp: 2040938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.4 | 44.2 |
| 170 | 24.3 | 20.1 | 30.1 |



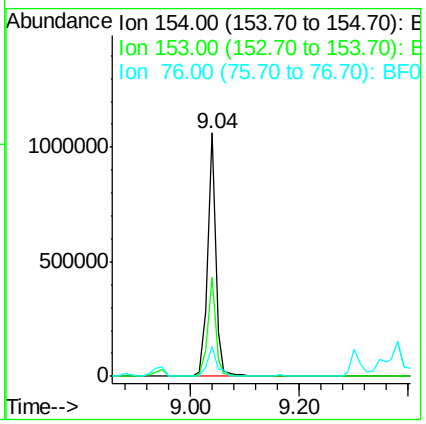


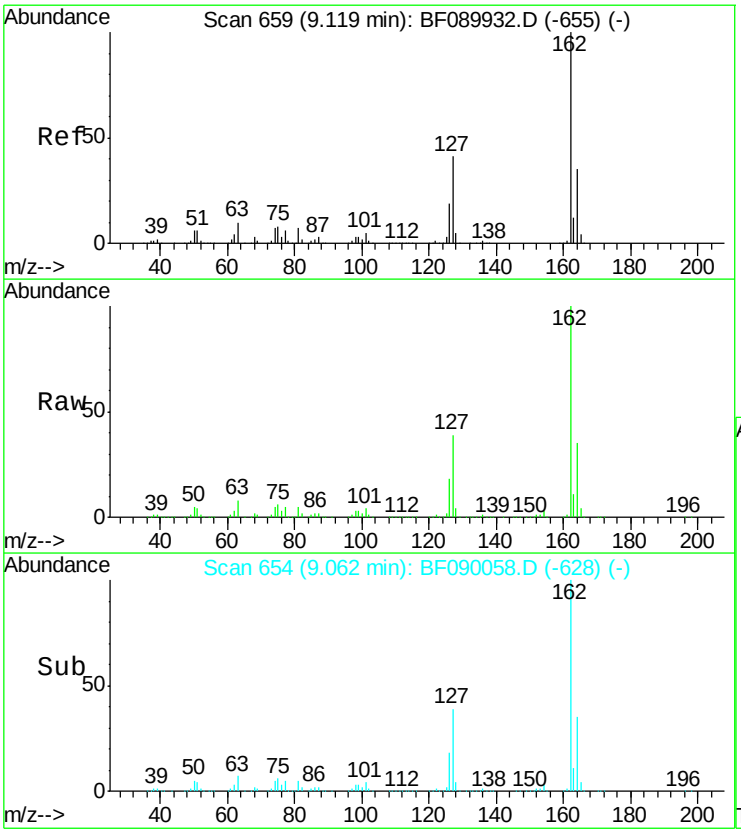

#45
1,1'-Biphenyl
Concen: 33.21 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:154 Resp: 1123172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.6 | 60.6 |
| 76 | 12.1 | 0.0 | 34.9 |

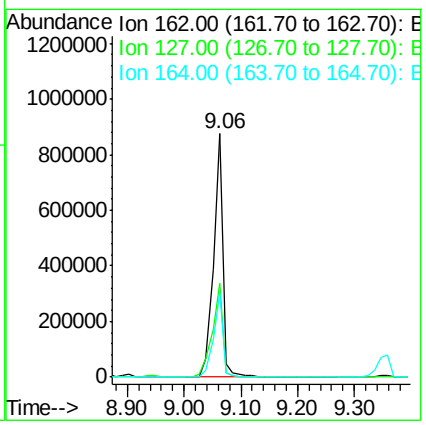


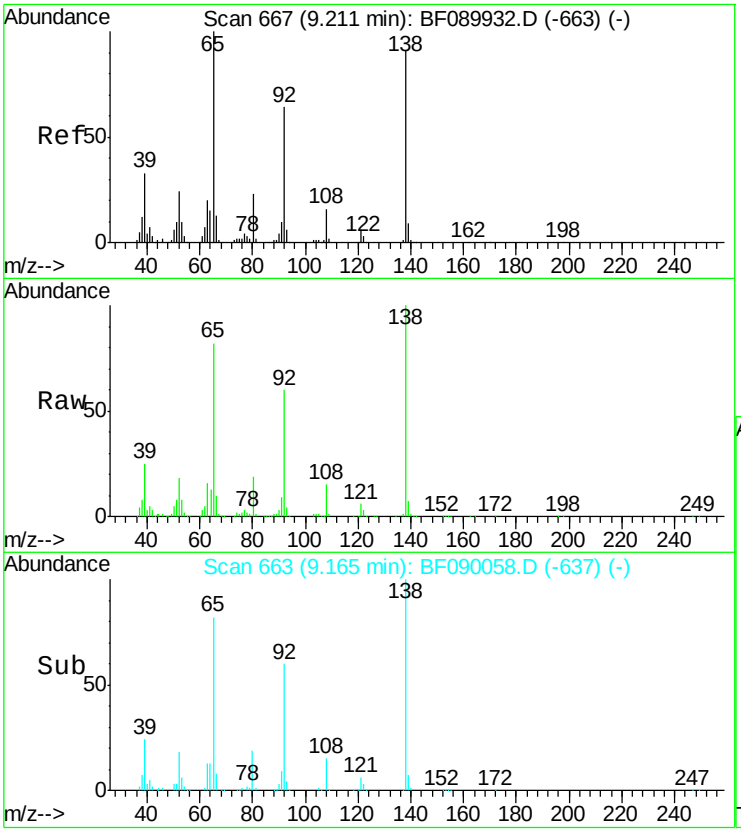




#46
2-Chloronaphthalene
Concen: 40.84 ng
RT: 9.06 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:162 Resp: 977051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.6 | 33.5 | 50.3 |
| 164 | 34.8 | 28.2 | 42.4 |



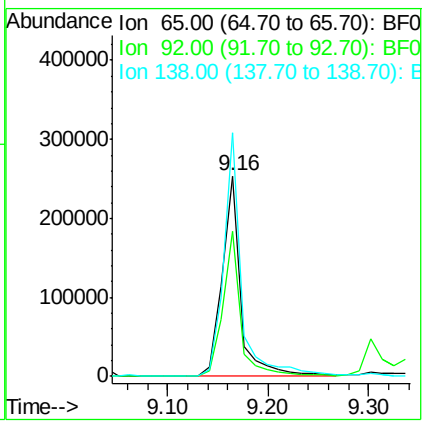


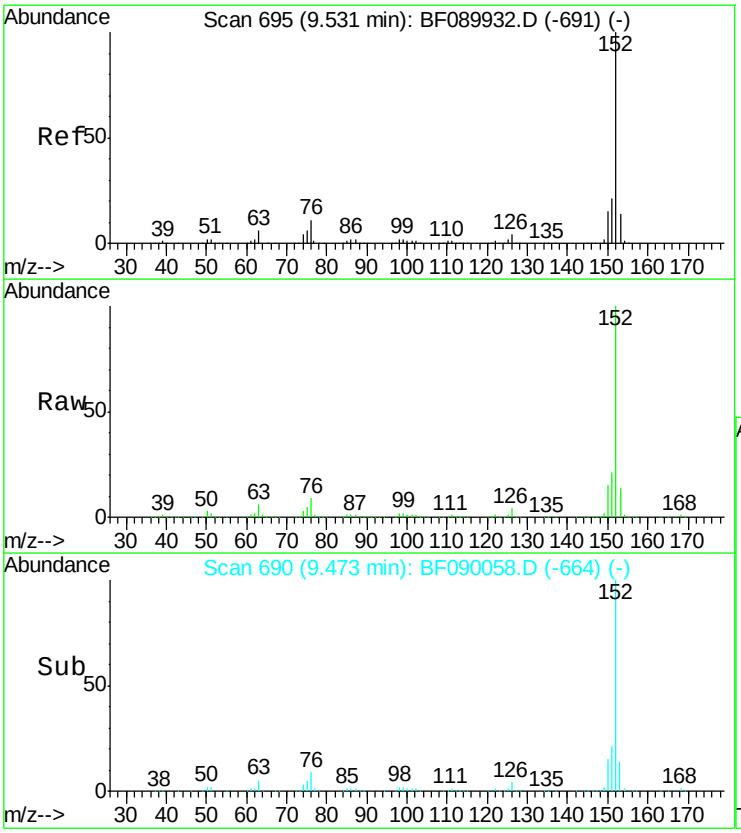

#47
2-Nitroaniline
Concen: 41.77 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion: 65 Resp: 326672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.4 | 52.0 | 78.0 |
| 138 | 121.6 | 72.1 | 108.1# |

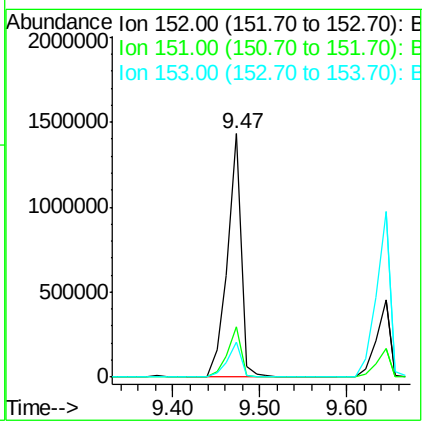


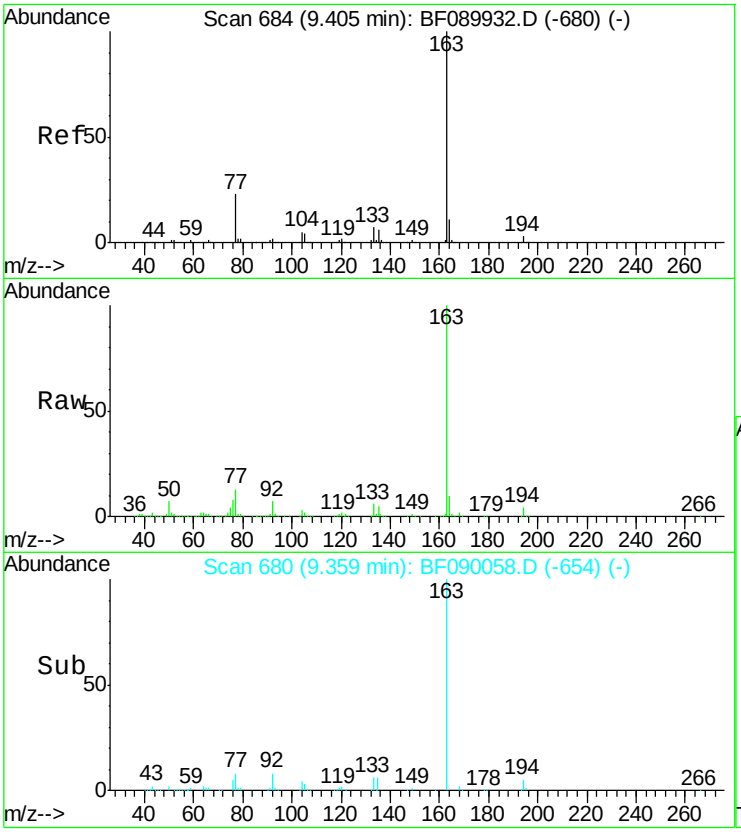




#48
Acenaphthylene
Concen: 39.90 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:152 Resp: 1578112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.7 | 25.1 |
| 153 | 14.3 | 11.6 | 17.4 |



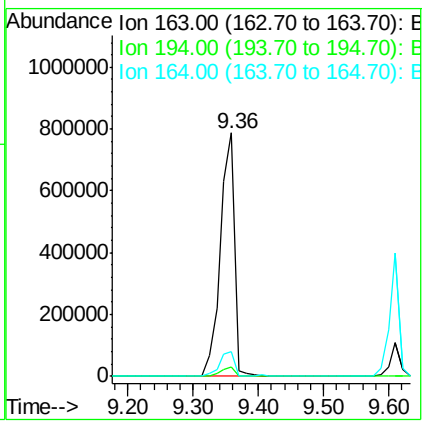


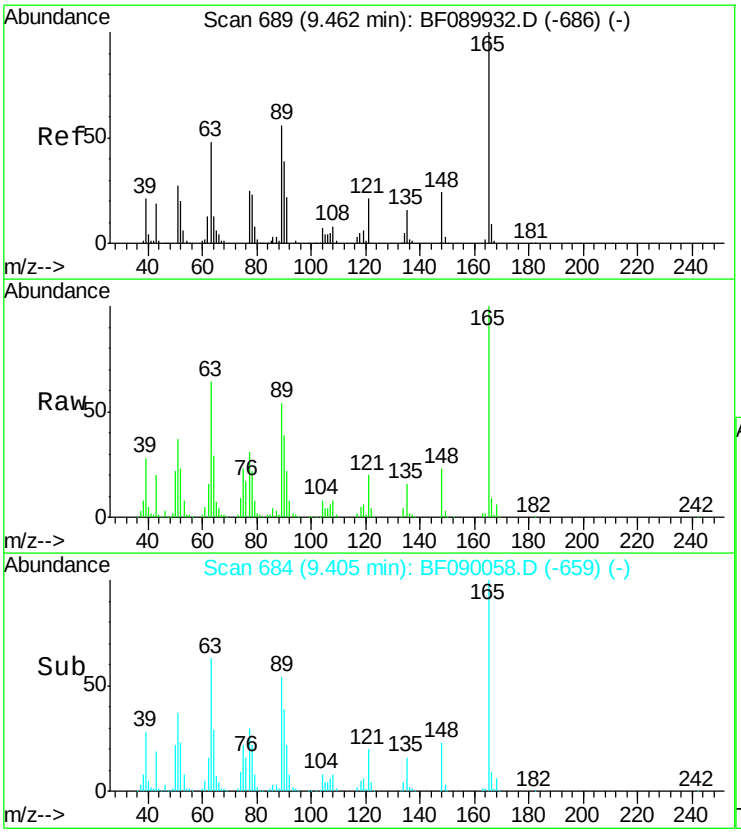

#49
Dimethylphthalate
Concen: 39.76 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:163 Resp: 1207121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 10.3 | 9.0 | 13.4 |

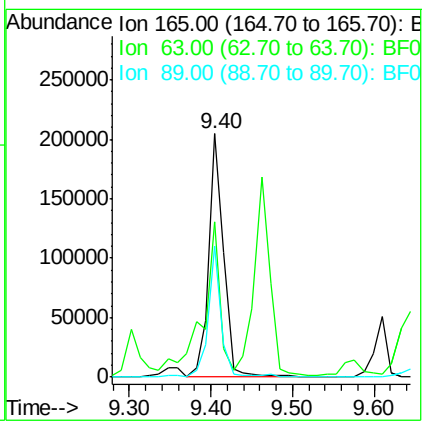


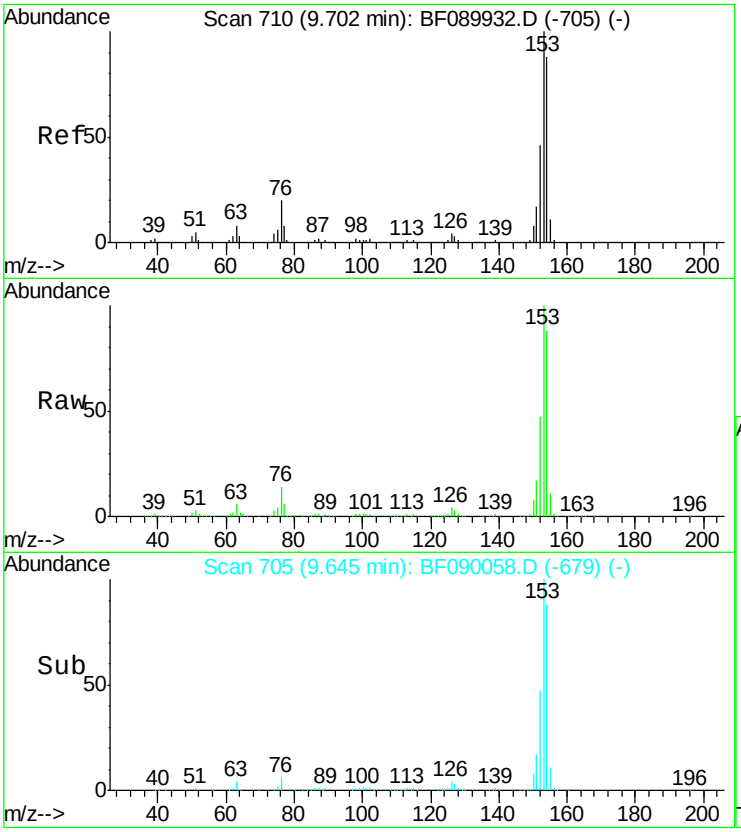




#50
2,6-Dinitrotoluene
Concen: 39.10 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:165 Resp: 264013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.8 | 45.0 | 67.4 |
| 89 | 53.9 | 41.5 | 62.3 |



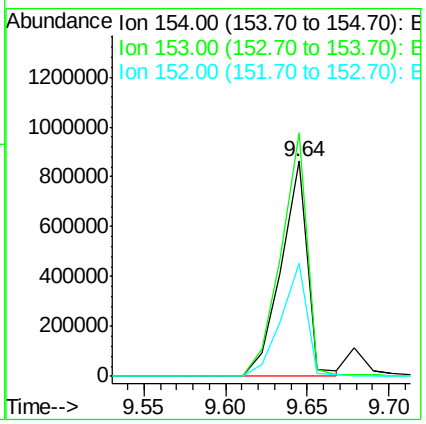


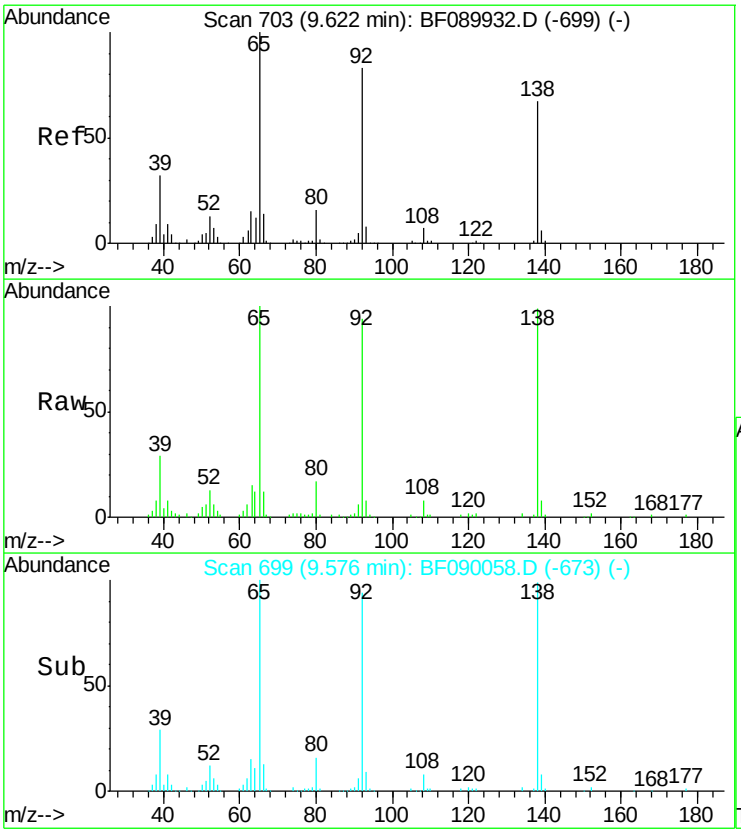

#51
Acenaphthene
Concen: 38.83 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:154 Resp: 973144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.1 | 90.6 | 135.8 |
| 152 | 52.7 | 42.4 | 63.6 |

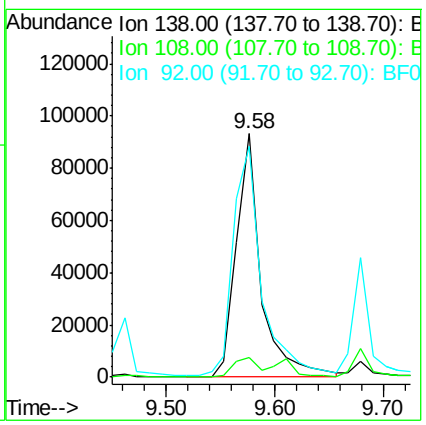


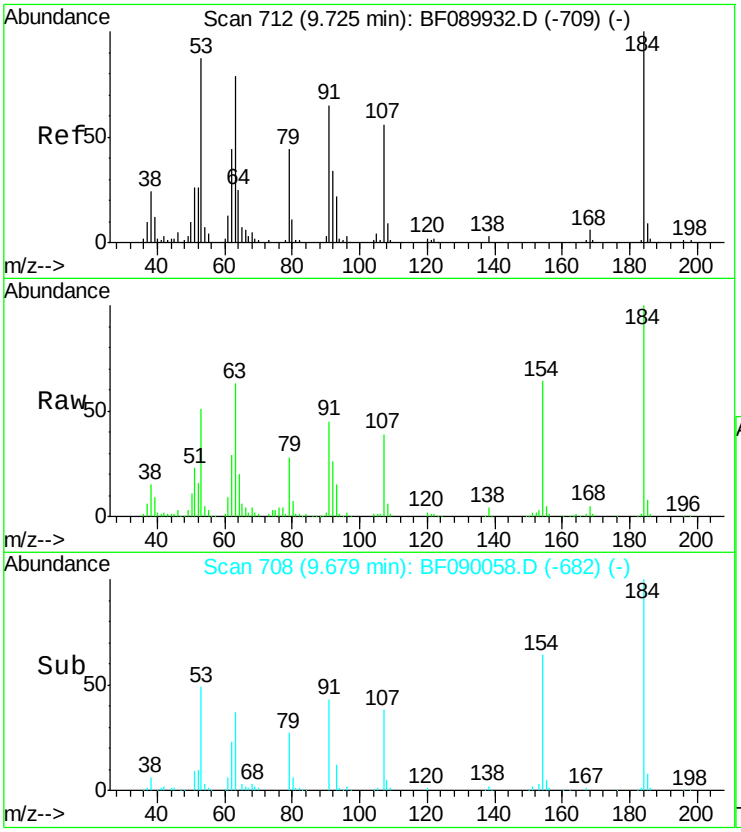




#52
3-Nitroaniline
Concen: 19.05 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:138 Resp: 146666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.3 | 8.3 | 12.5# |
| 92 | 94.7 | 99.1 | 148.7# |



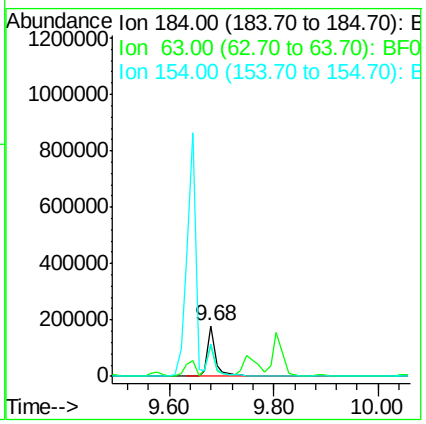


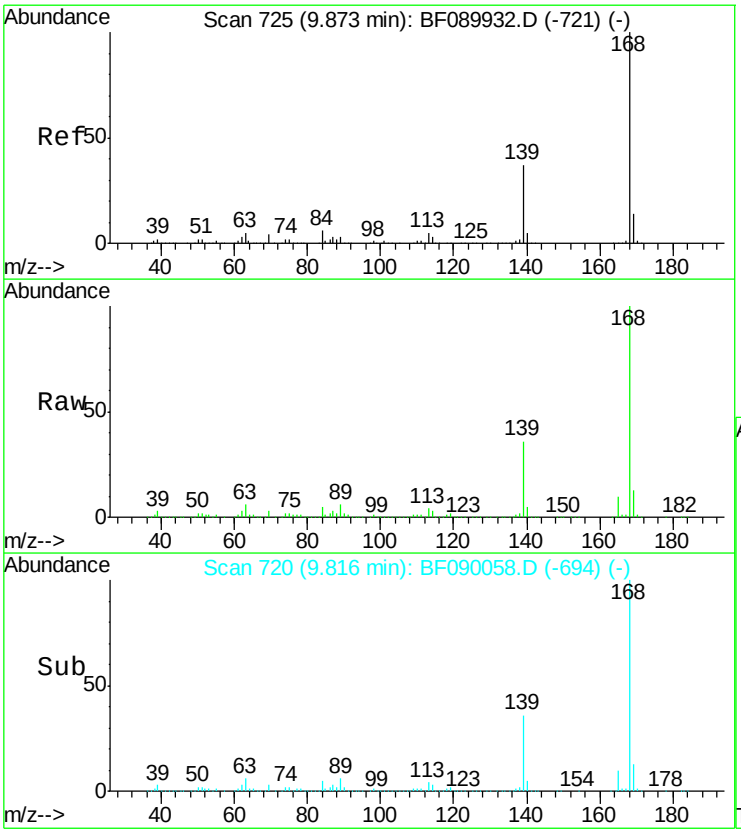

#53
2,4-Dinitrophenol
Concen: 52.34 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:184 Resp: 197802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 62.8 | 73.9 | 110.9# |
| 154 | 64.0 | 53.5 | 80.3 |

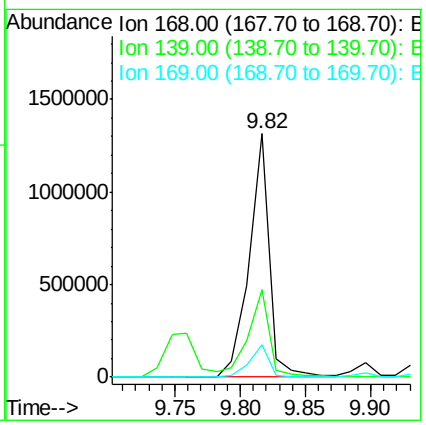


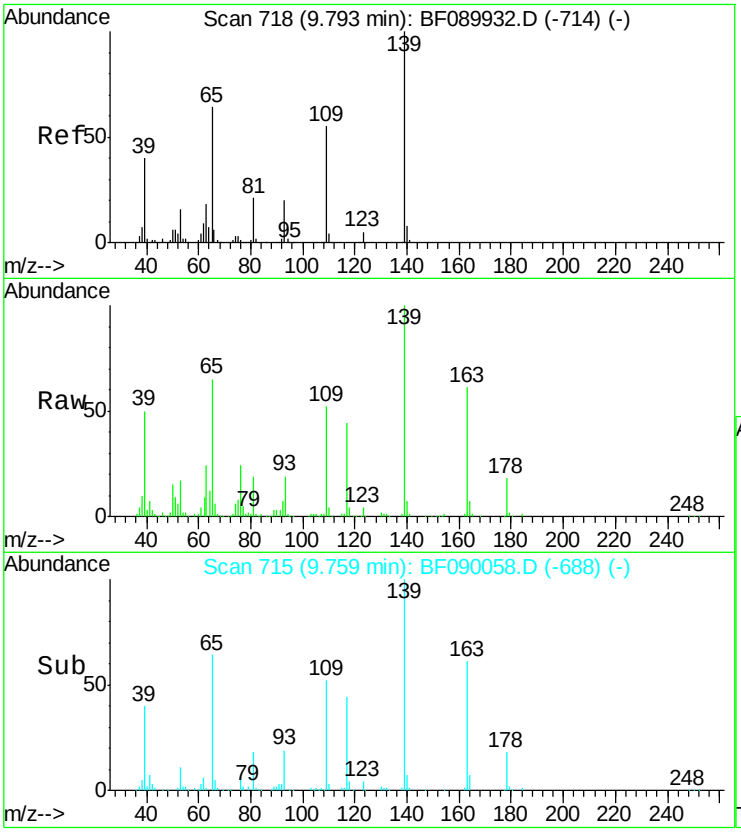




#54
Dibenzofuran
Concen: 42.19 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:168 Resp: 1417099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.0 | 29.5 | 44.3 |
| 169 | 13.3 | 10.8 | 16.2 |



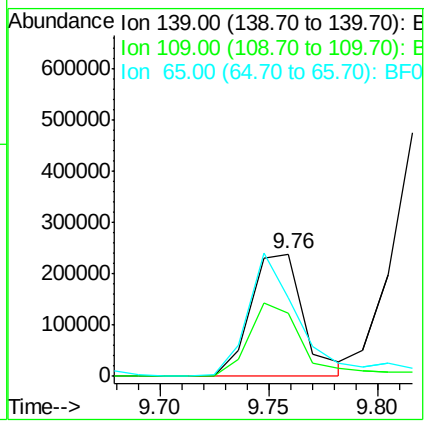


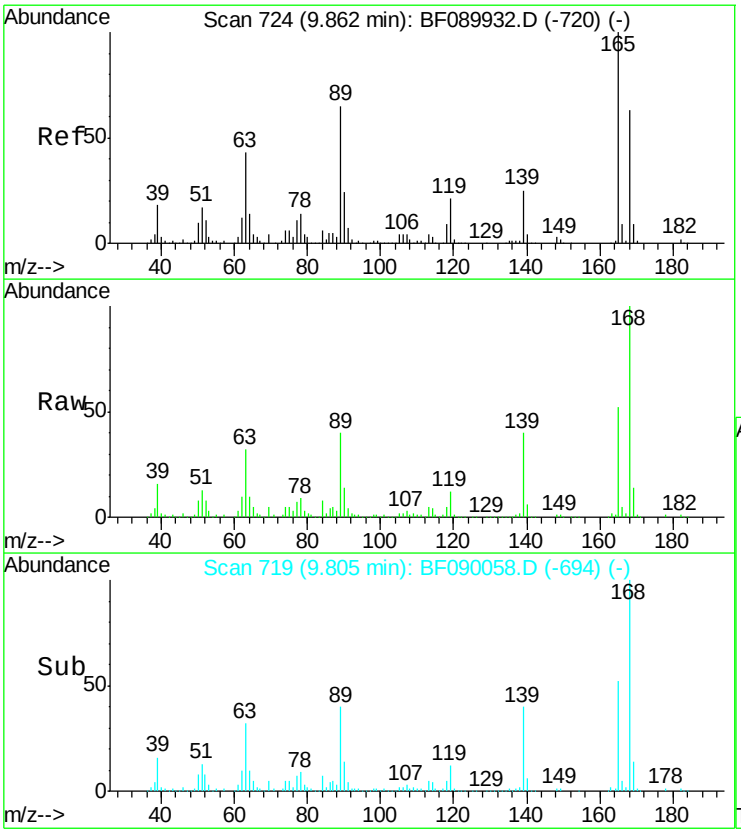

#55
4-Nitrophenol
Concen: 69.56 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:139 Resp: 404029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 51.8 | 31.3 | 71.3 |
| 65 | 64.8 | 38.5 | 78.5 |

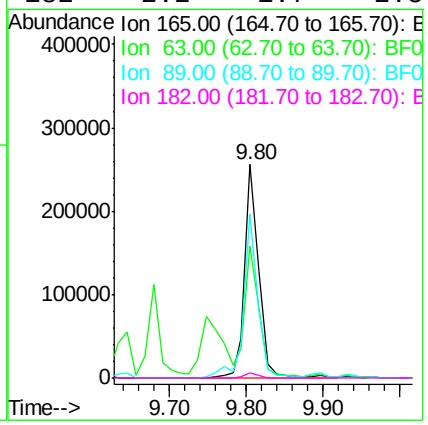


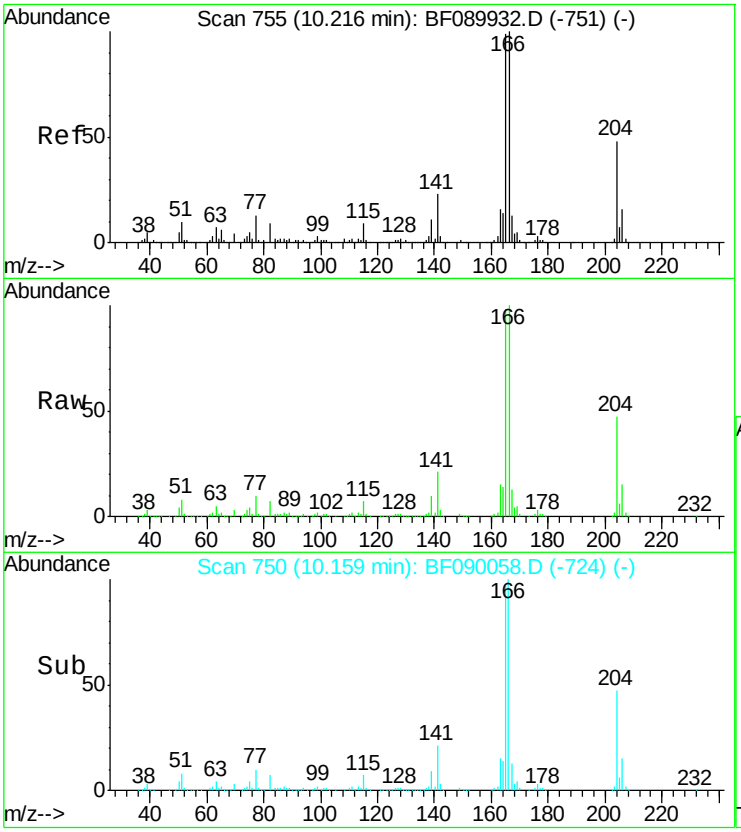




#56
2,4-Dinitrotoluene
Concen: 38.53 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:165 Resp: 329882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.5 | 32.5 | 48.7# |
| 89 | 77.0 | 48.3 | 72.5# |
| 182 | 2.2 | 1.7 | 2.5 |



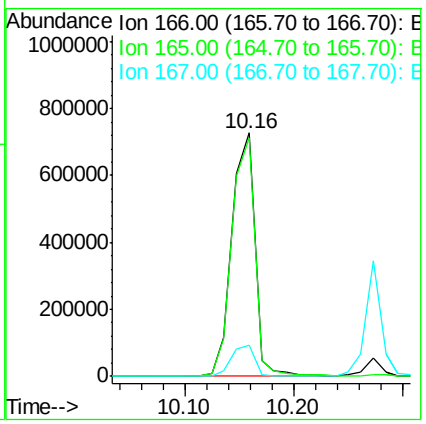


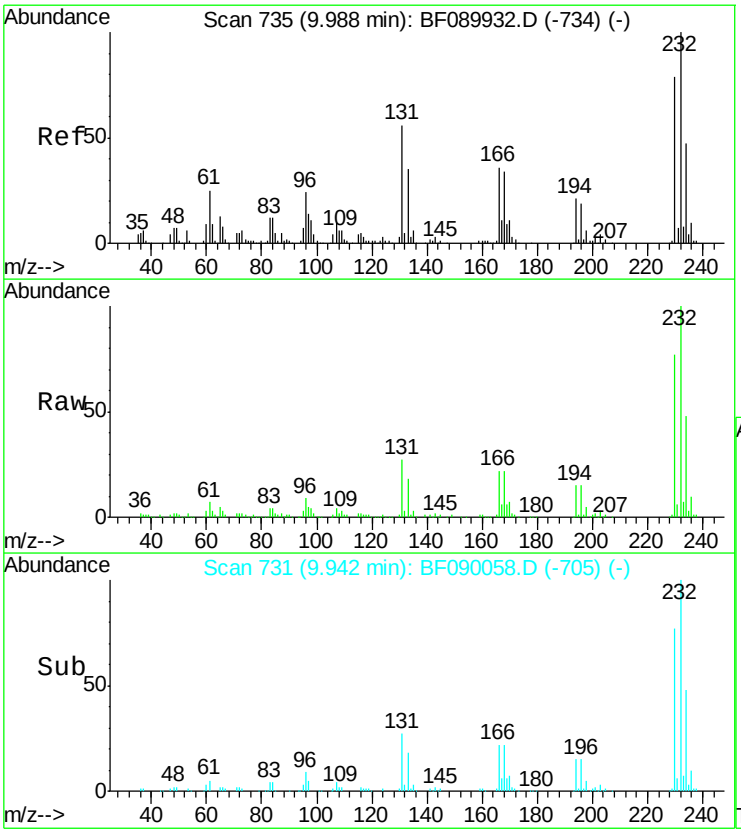

#57
Fluorene
Concen: 43.22 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:166 Resp: 1060546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 78.6 | 118.0 |
| 167 | 13.0 | 10.6 | 15.8 |

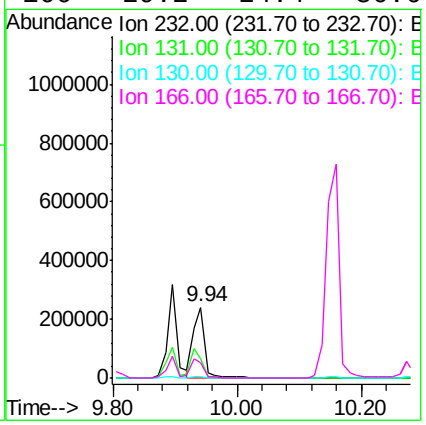


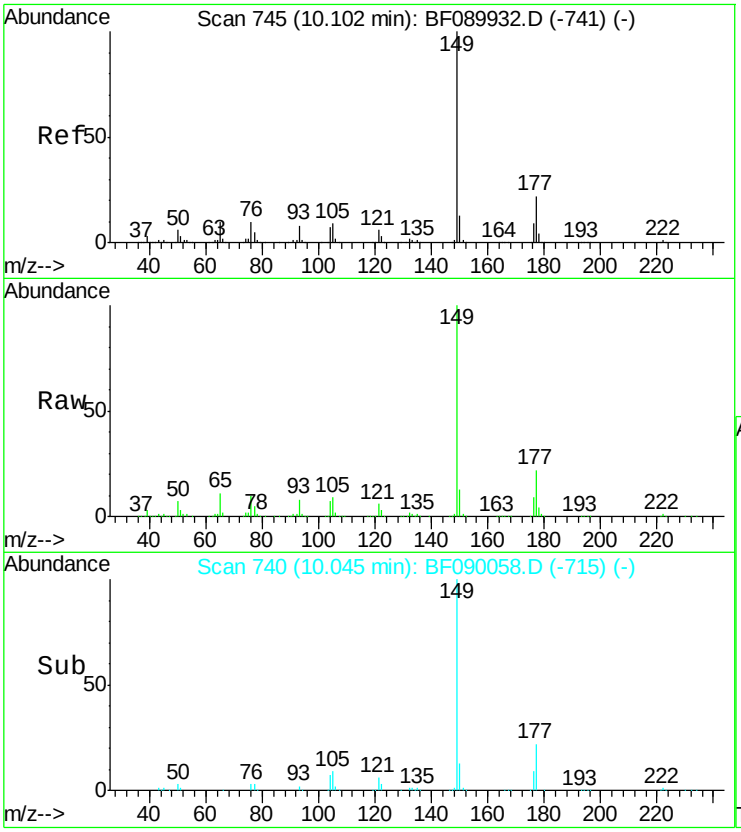




#58
2,3,4,6-Tetrachlorophenol
Concen: 44.38 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:232 Resp: 311562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.4 | 36.3 | 54.5 |
| 130 | 2.0 | 1.7 | 2.5 |
| 166 | 29.2 | 24.4 | 36.6 |



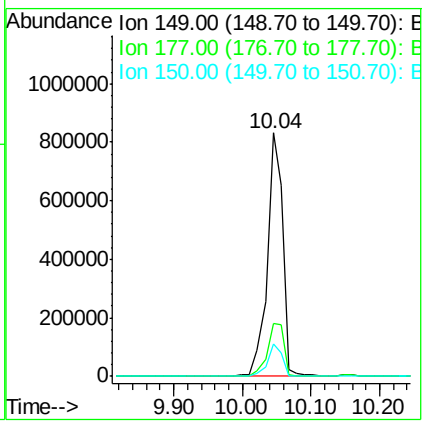


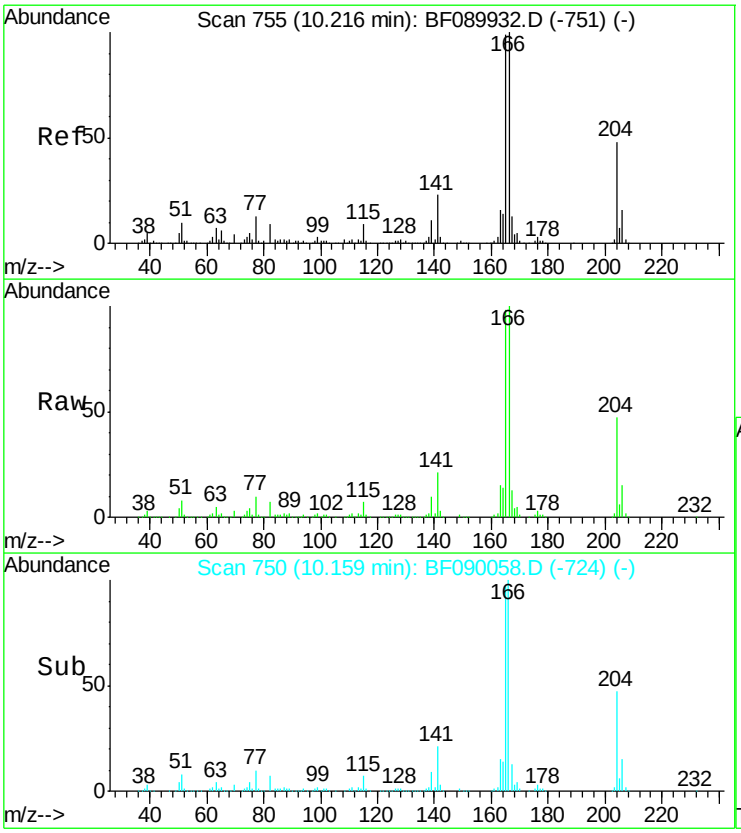

#59
Diethylphthalate
Concen: 45.31 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:149 Resp: 1293976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 17.7 | 26.5 |
| 150 | 13.2 | 10.2 | 15.2 |

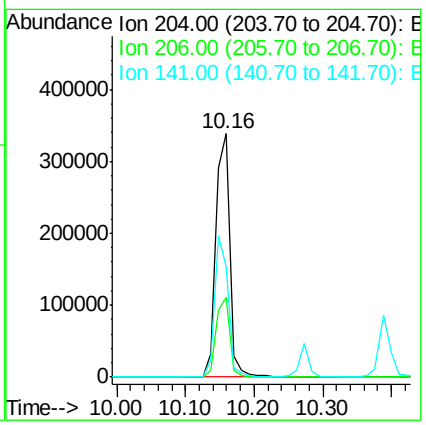


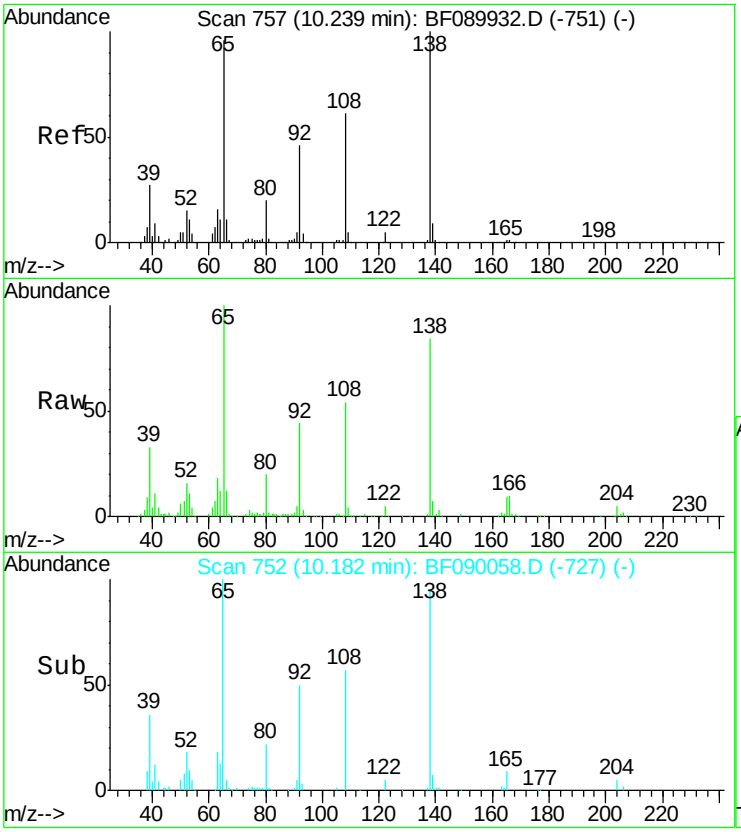




#60
4-Chlorophenyl-phenylether
Concen: 42.35 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:204 Resp: 489031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.6 | 40.0 |
| 141 | 45.2 | 36.5 | 54.7 |



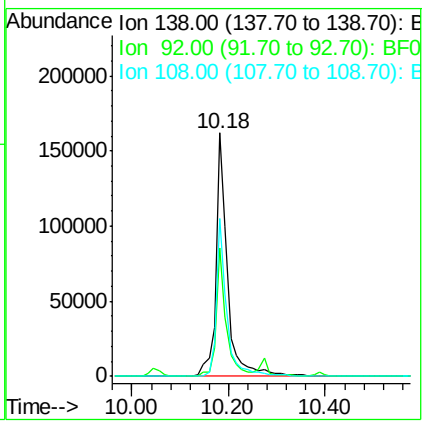


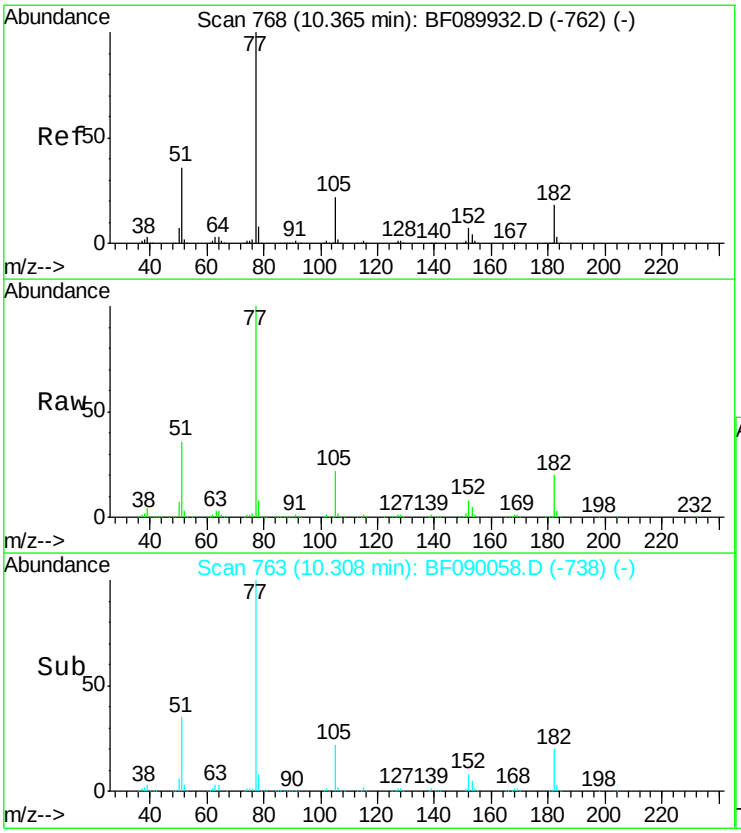

#61
4-Nitroaniline
Concen: 36.10 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:138 Resp: 273160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.6 | 21.2 | 61.2 |
| 108 | 64.6 | 37.7 | 77.7 |

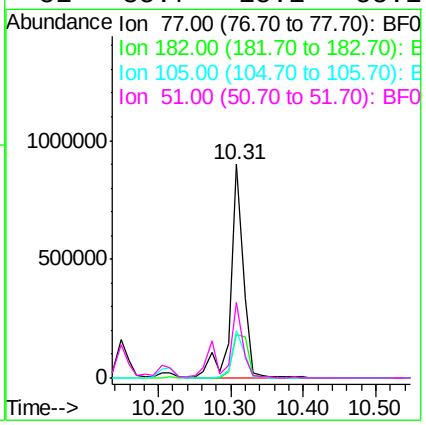


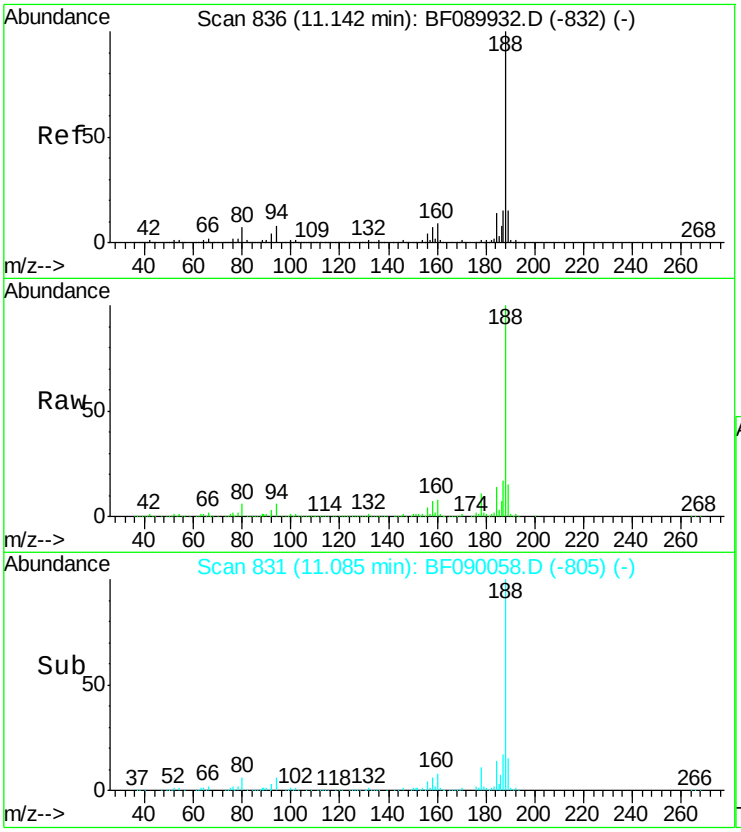




#62
Azobenzene
Concen: 38.32 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion: 77 Resp: 1093023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 20.3 | 0.0 | 38.6 |
| 105 | 22.4 | 2.3 | 42.3 |
| 51 | 35.7 | 15.1 | 55.1 |



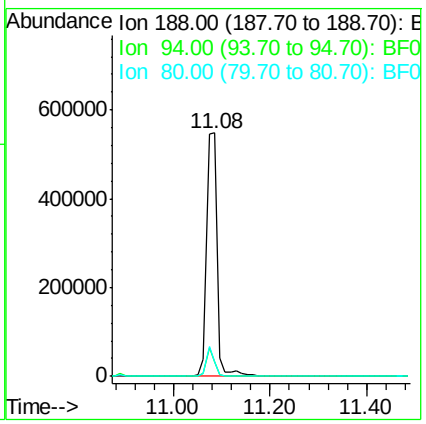


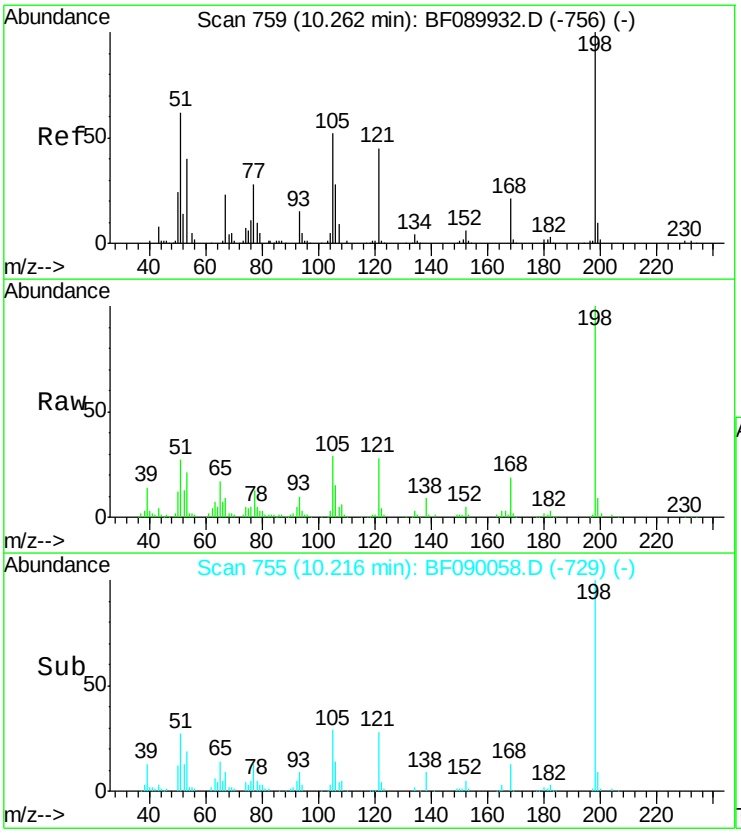

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:188 Resp: 847182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.9 | 8.9 |
| 80 | 6.1 | 5.8 | 8.8 |

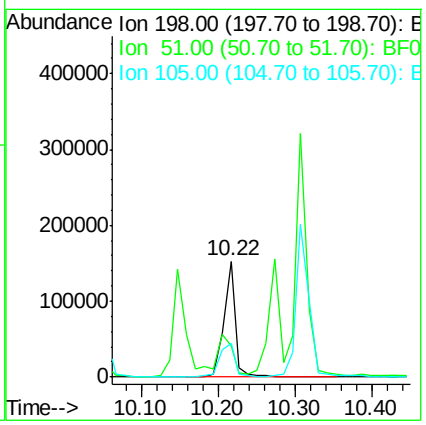


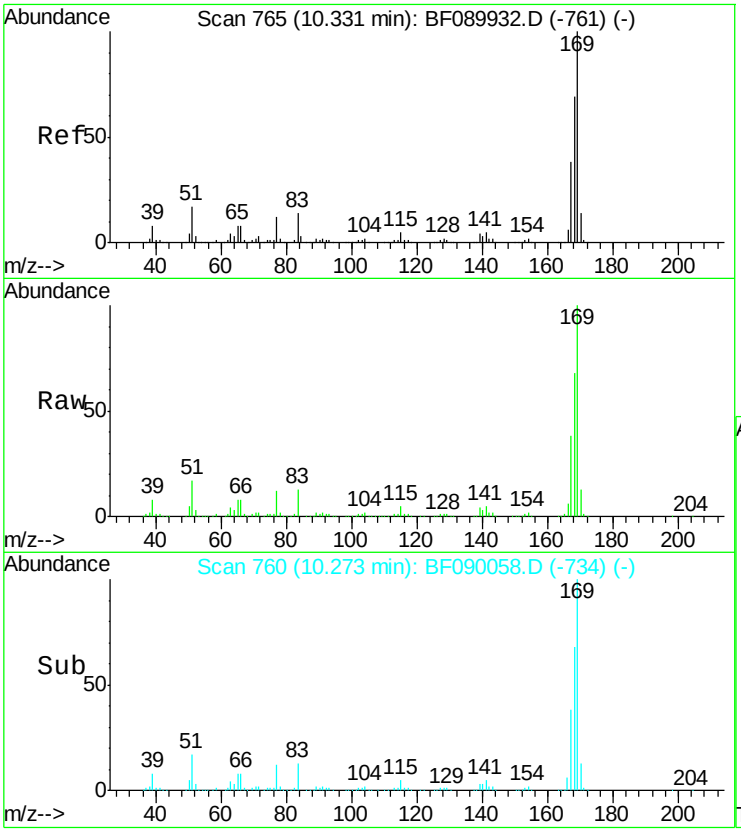




#64
4,6-Dinitro-2-methylphenol
Concen: 30.75 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:198 Resp: 166803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 27.1 | 43.0 | 83.0# |
| 105 | 28.6 | 30.3 | 70.3# |



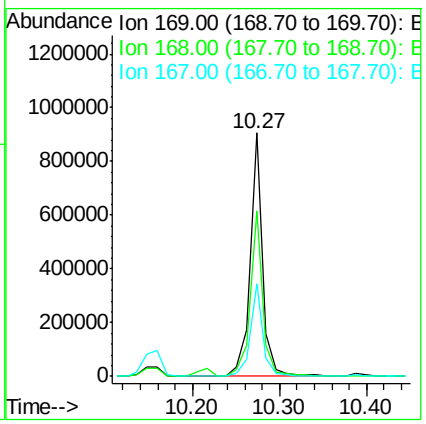


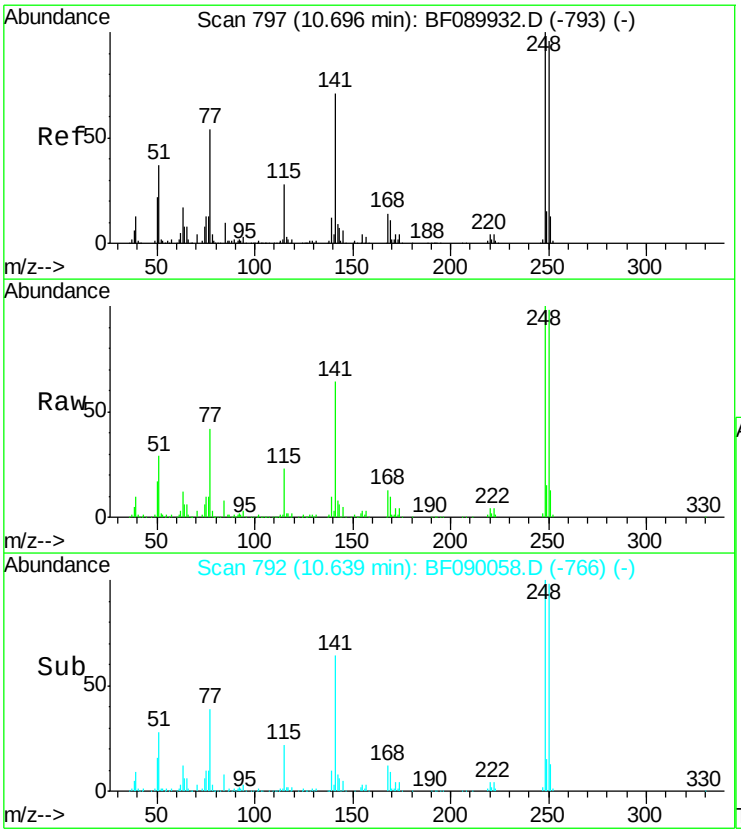

#65
n-Nitrosodiphenylamine
Concen: 35.87 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:169 Resp: 913682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 55.0 | 82.4 |
| 167 | 37.9 | 30.5 | 45.7 |

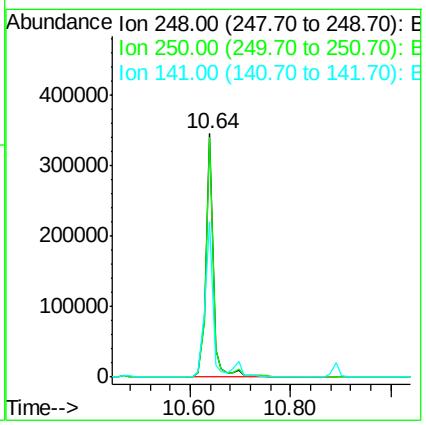


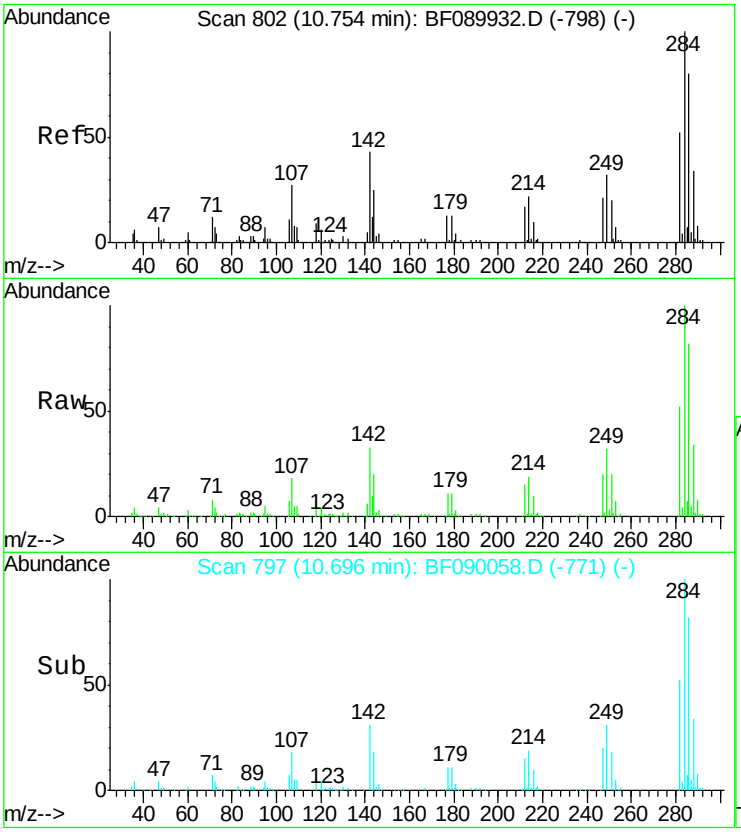




#66
4-Bromophenyl-phenylether
Concen: 41.94 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:248 Resp: 357688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.4 | 77.3 | 115.9 |
| 141 | 63.8 | 55.8 | 83.8 |

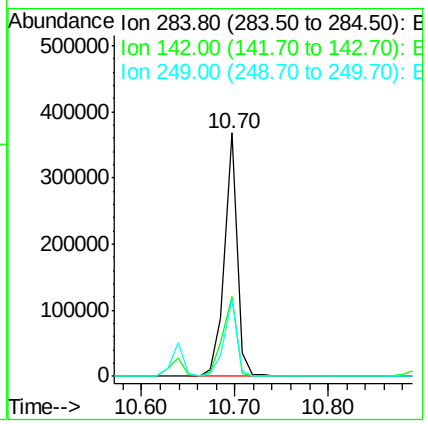




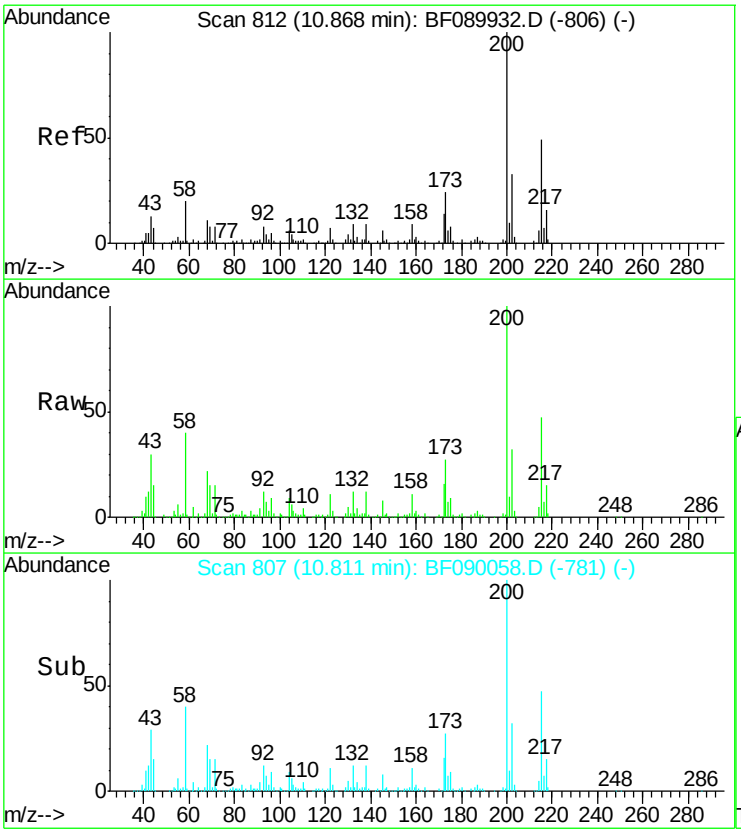

#67
Hexachlorobenzene
Concen: 35.88 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:284 Resp: 349590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.6 | 32.7 | 49.1# |
| 249 | 32.0 | 26.9 | 40.3 |



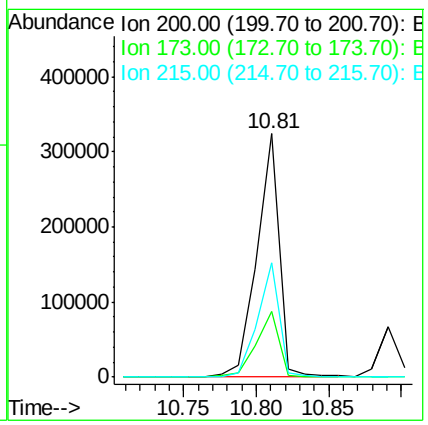

**Instrument :**
BNA_F
**ClientSampleId :**

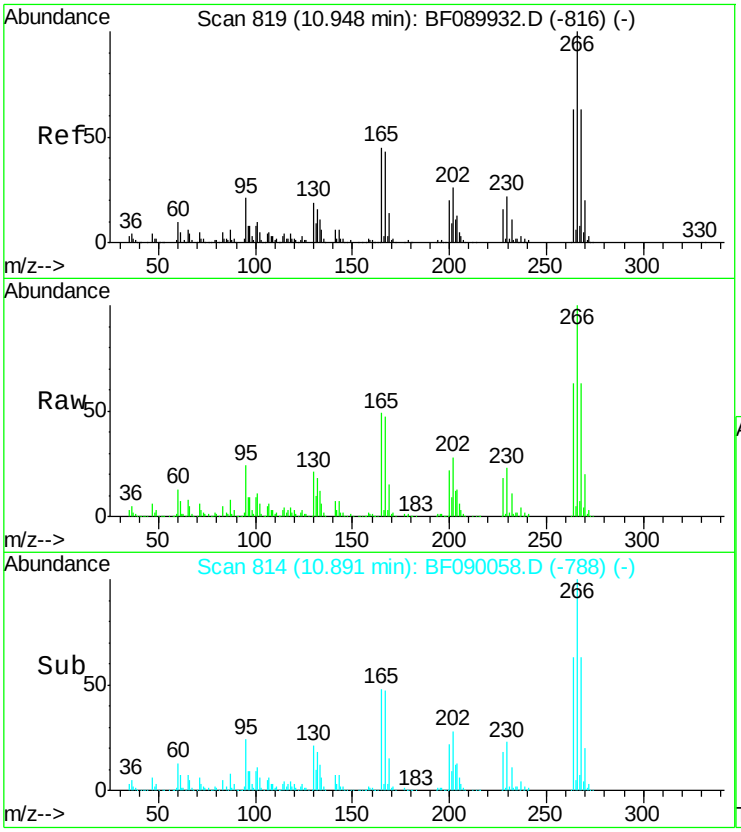



#68
Atrazine
Concen: 40.66 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:200 Resp: 345730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.2 | 9.4 | 49.4 |
| 215 | 46.9 | 24.5 | 64.5 |



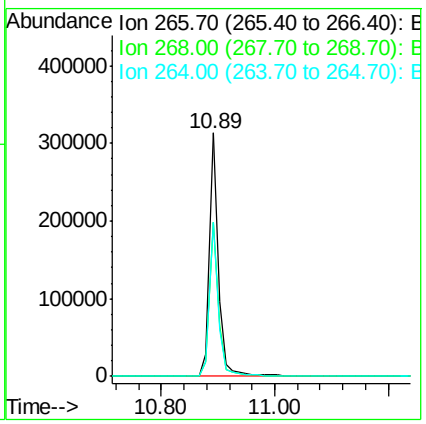


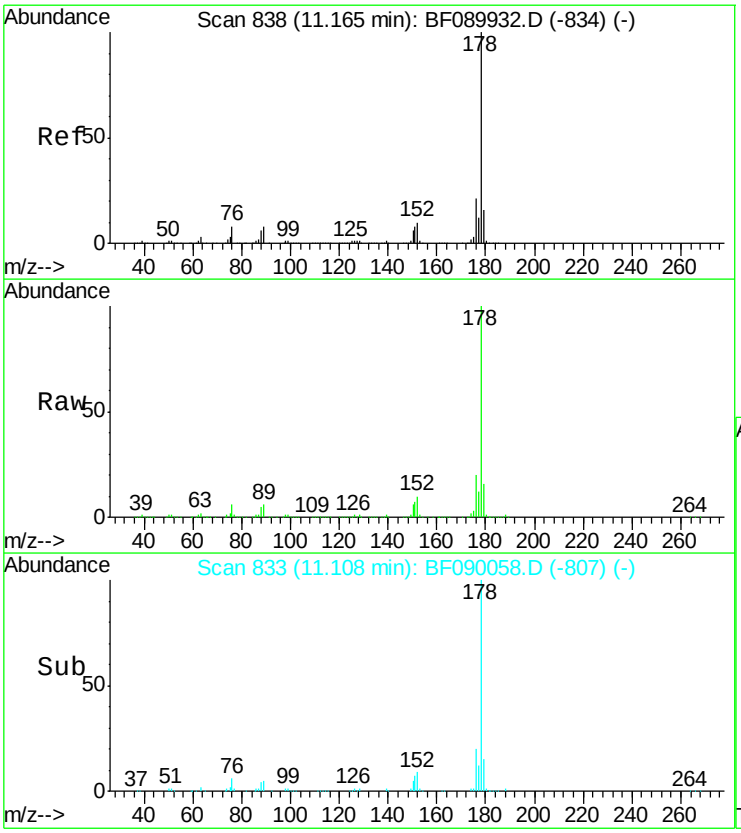

#69
Pentachlorophenol
Concen: 64.13 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:266 Resp: 336136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 51.0 | 76.6 |
| 264 | 63.3 | 50.6 | 75.8 |

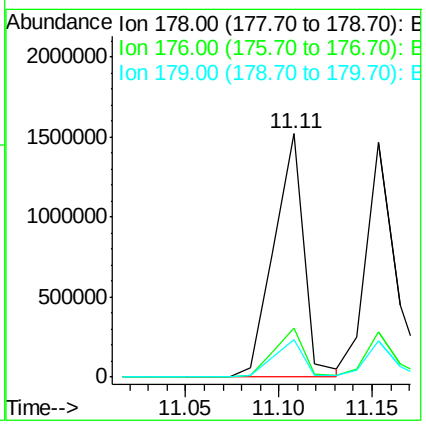


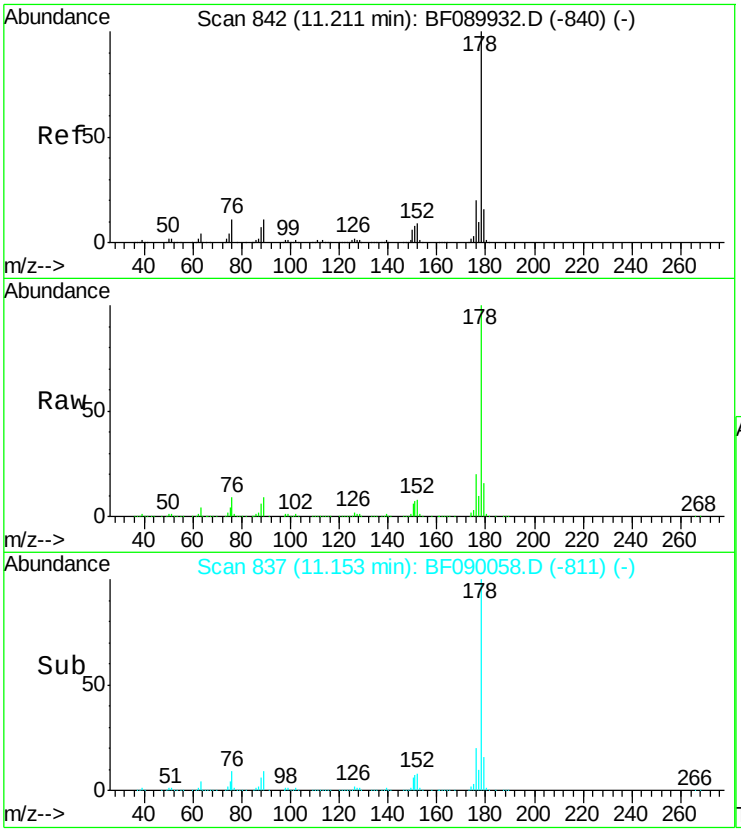




#70
Phenanthrene
Concen: 40.46 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:178 Resp: 1706817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 16.5 | 24.7 |
| 179 | 15.6 | 12.8 | 19.2 |



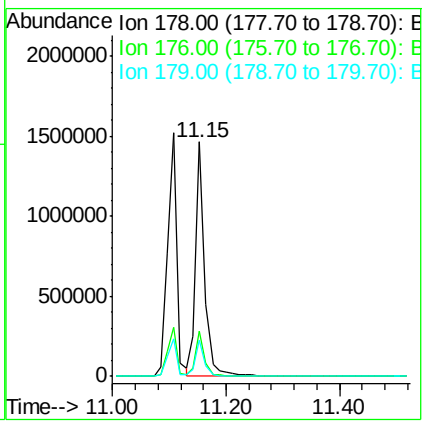


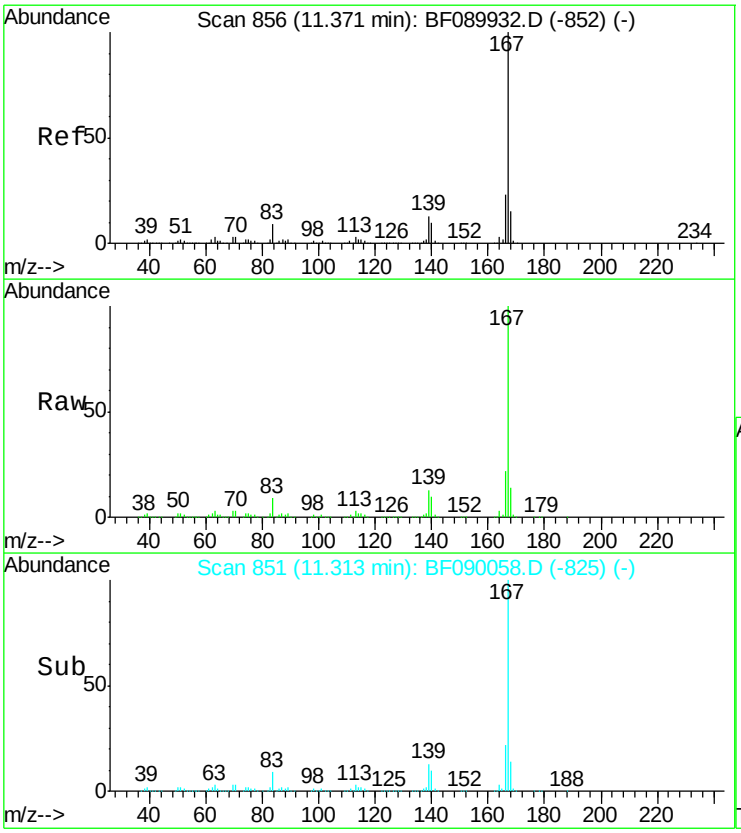

#71
Anthracene
Concen: 37.83 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:178 Resp: 1618644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.8 |
| 179 | 15.6 | 13.0 | 19.4 |

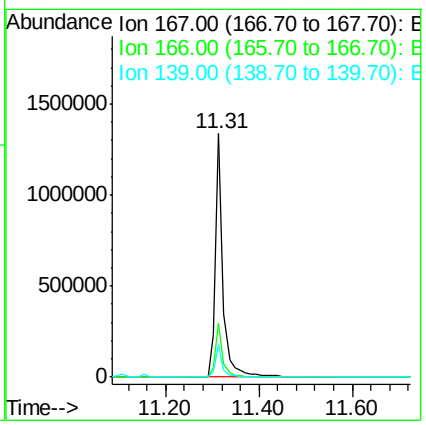


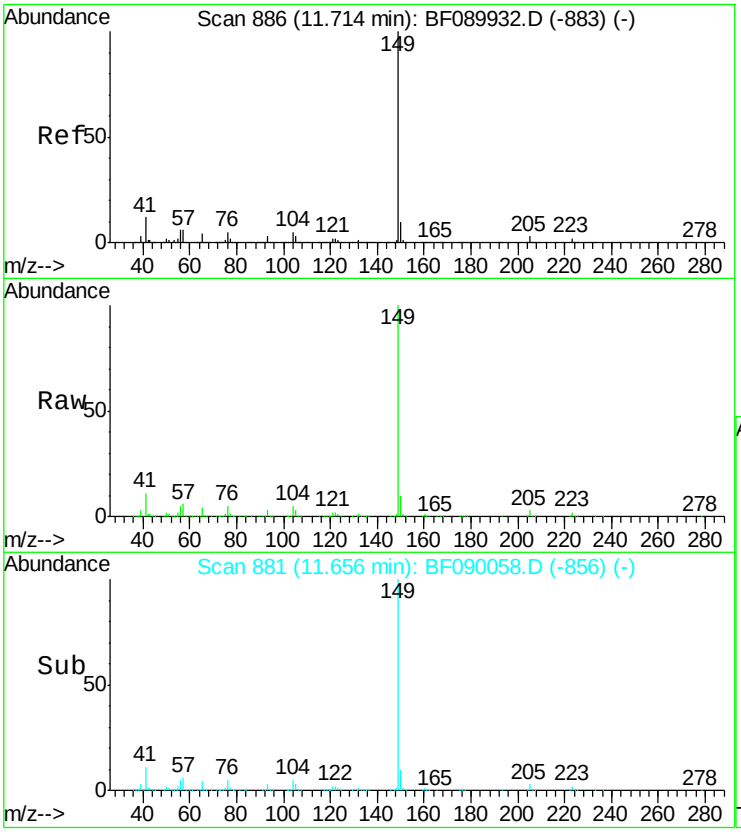




#72
Carbazole
Concen: 38.09 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:167 Resp: 1528083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 18.1 | 27.1 |
| 139 | 13.3 | 10.4 | 15.6 |



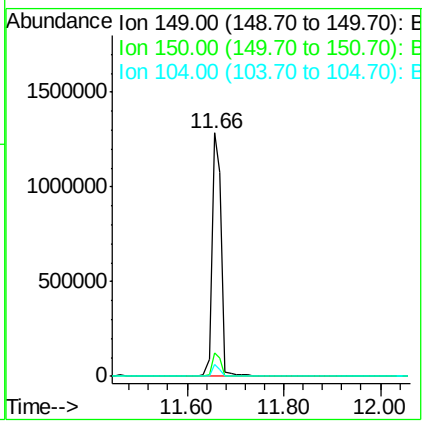


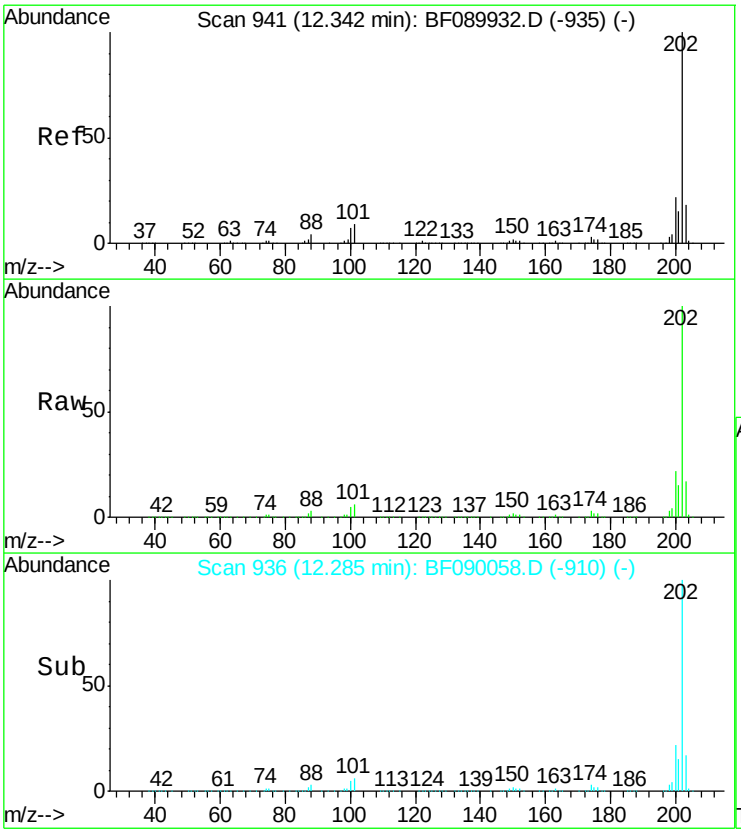

#73
Di-n-butylphthalate
Concen: 37.53 ng
RT: 11.66 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:149 Resp: 1754985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.8 | 11.8 |
| 104 | 4.8 | 3.9 | 5.9 |

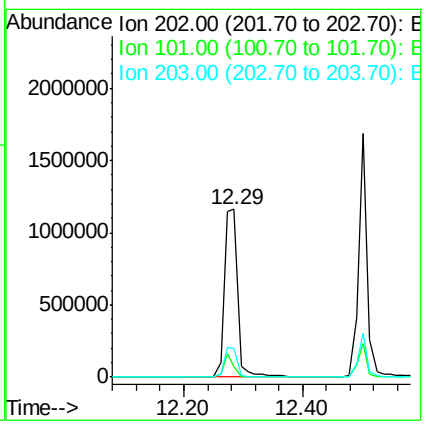


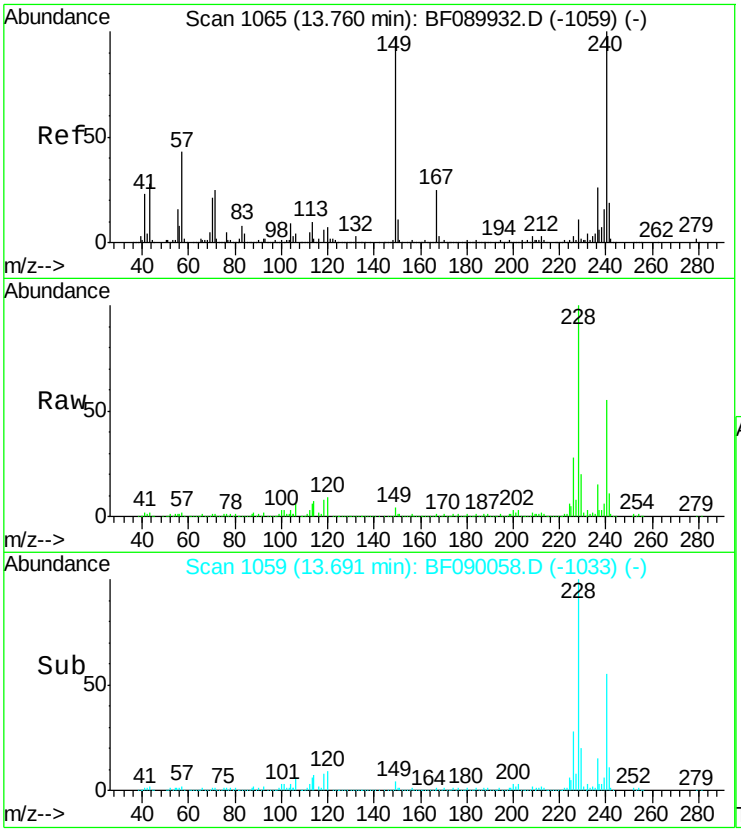




#74
Fluoranthene
Concen: 40.71 ng
RT: 12.29 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:202 Resp: 1799698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.3 | 0.0 | 28.5 |
| 203 | 17.0 | 0.0 | 38.0 |



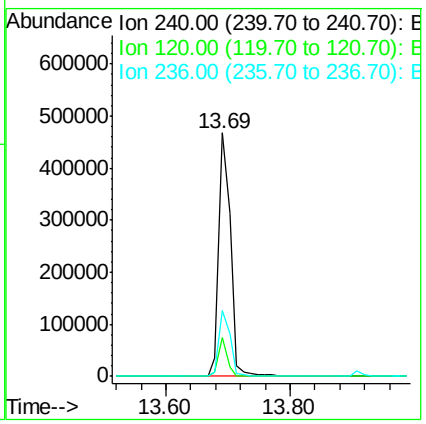


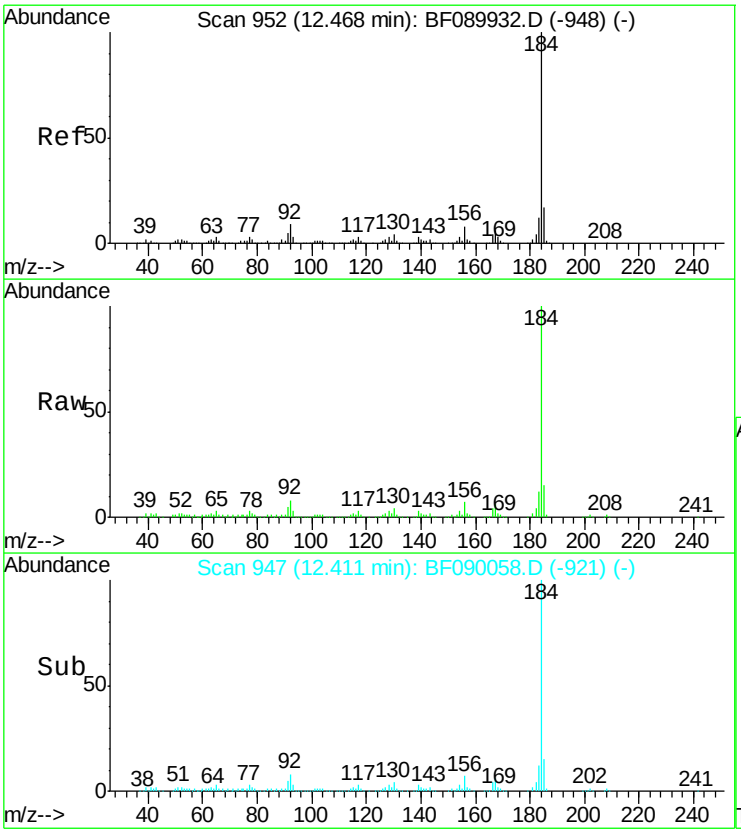

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:240 Resp: 597951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.1 | 5.7 | 8.5# |
| 236 | 27.1 | 21.3 | 31.9 |

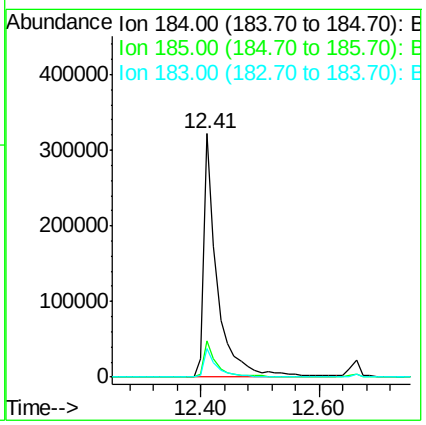


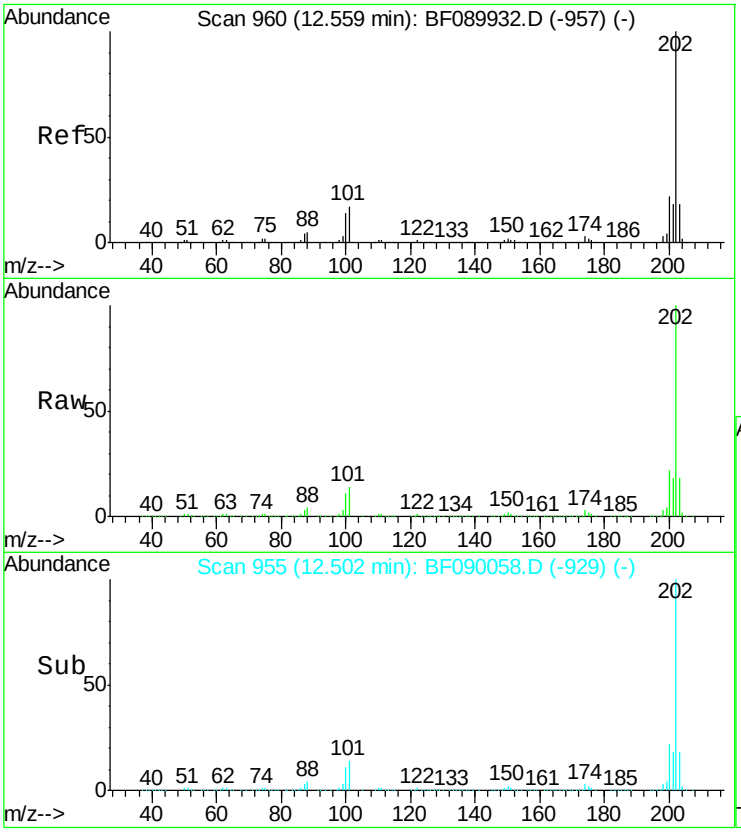




#76
Benzidine
Concen: 22.85 ng
RT: 12.41 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:184 Resp: 517536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 13.8 | 20.8 |
| 183 | 11.8 | 9.6 | 14.4 |



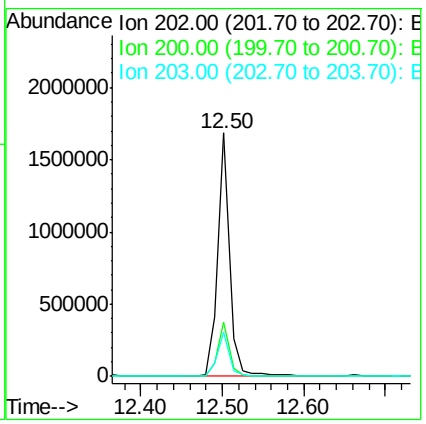


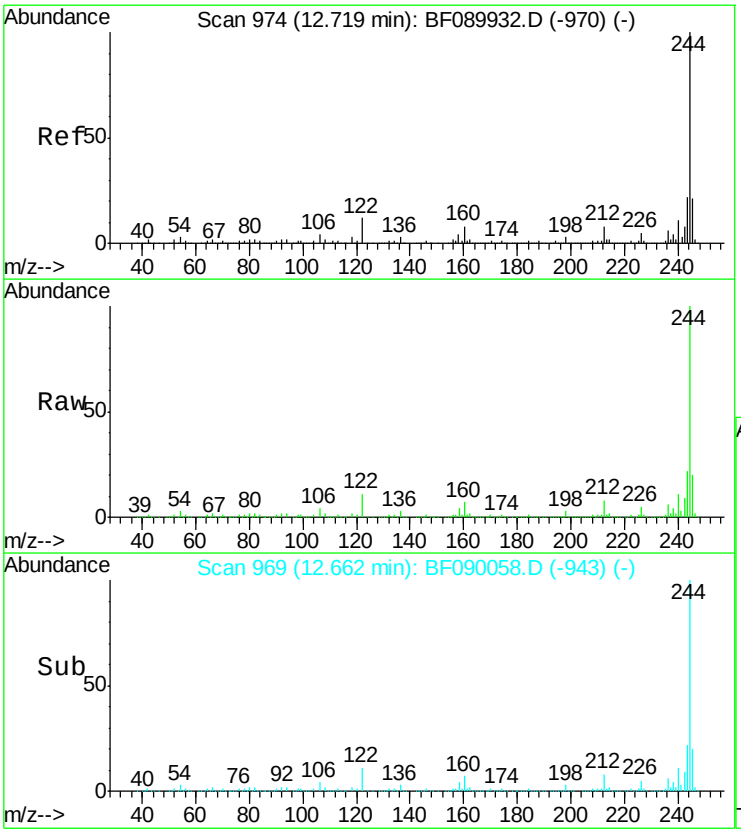

#77
Pyrene
Concen: 40.30 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:202 Resp: 1699037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.5 | 17.6 | 26.4 |
| 203 | 18.2 | 14.6 | 21.8 |

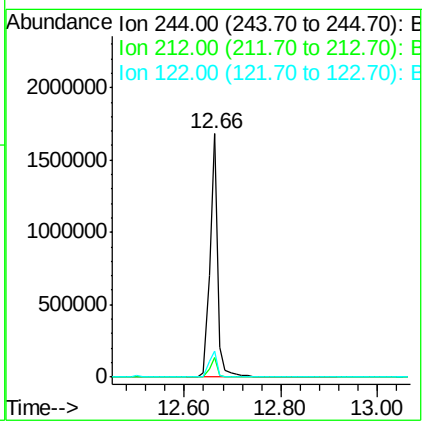


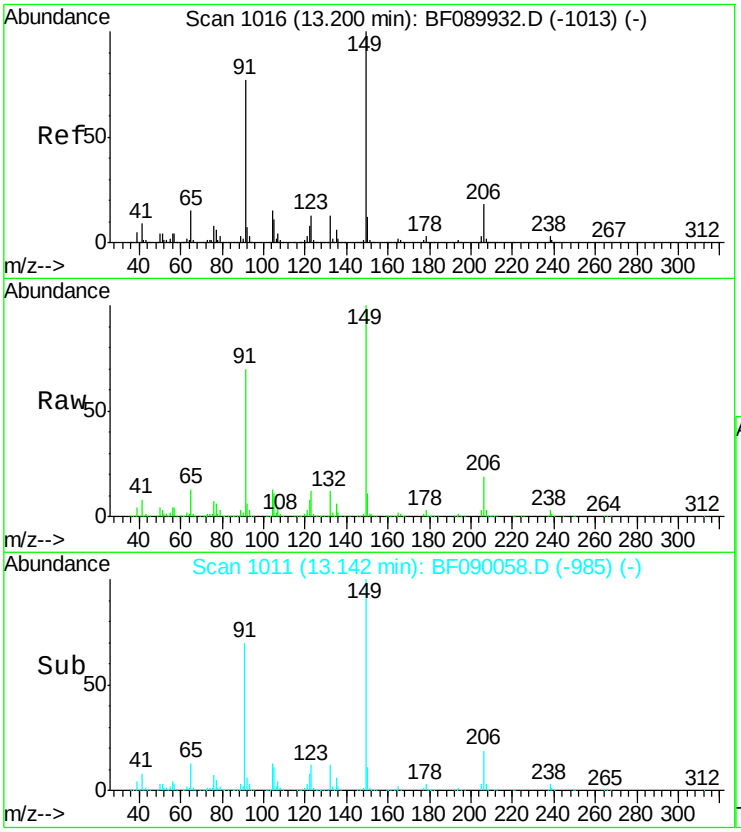




#78
Terphenyl-d14
Concen: 78.69 ng
RT: 12.66 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:244 Resp: 1904863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 6.1 | 9.1 |
| 122 | 10.9 | 9.6 | 14.4 |



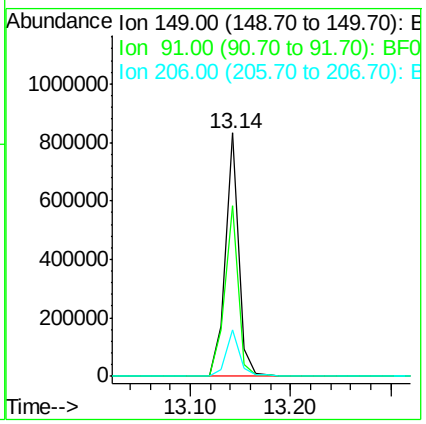


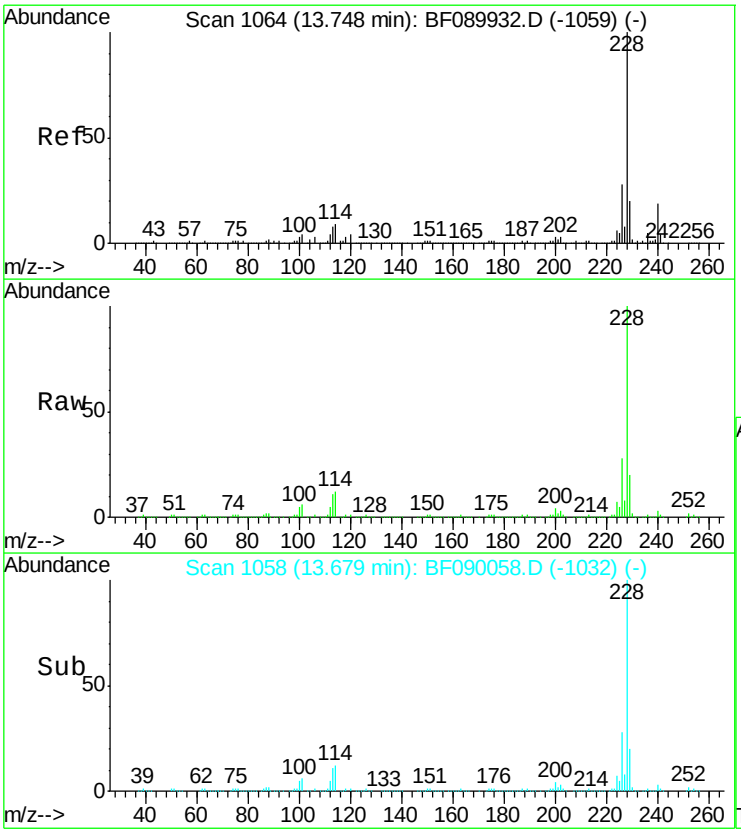

#79
Butylbenzylphthalate
Concen: 45.40 ng
RT: 13.14 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:149 Resp: 771850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.2 | 60.0 | 90.0 |
| 206 | 19.3 | 15.1 | 22.7 |

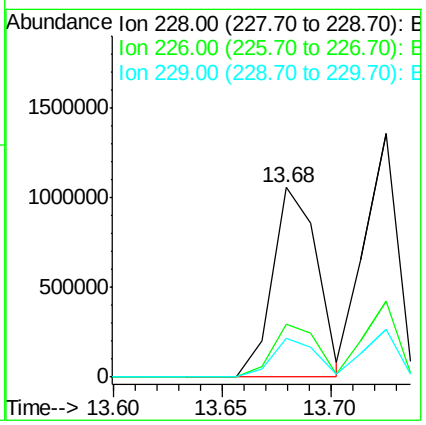


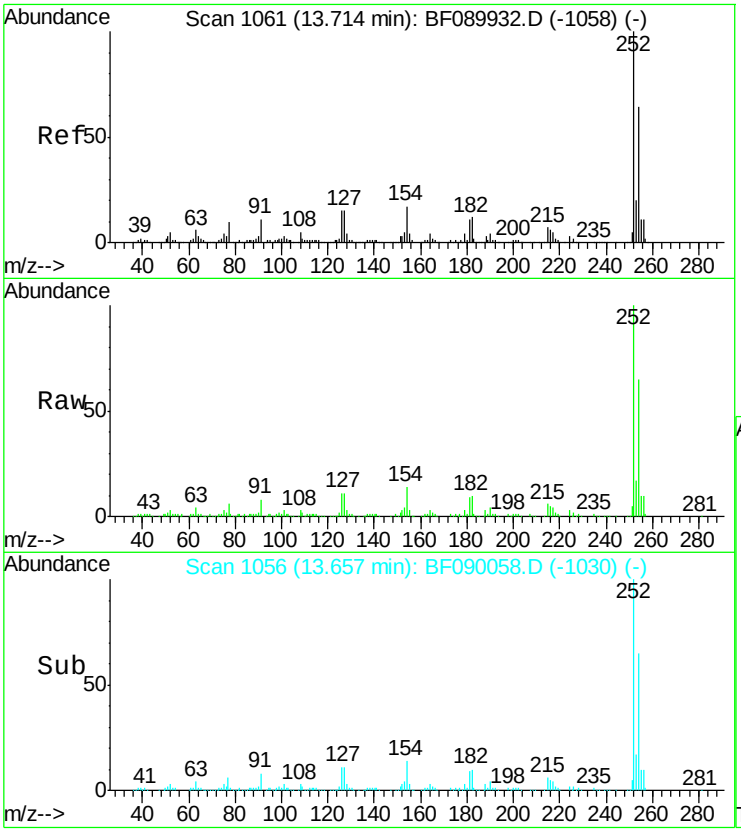




#80
Benzo(a)anthracene
Concen: 41.18 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:228 Resp: 1508041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 22.2 | 33.2 |
| 229 | 20.3 | 15.8 | 23.6 |



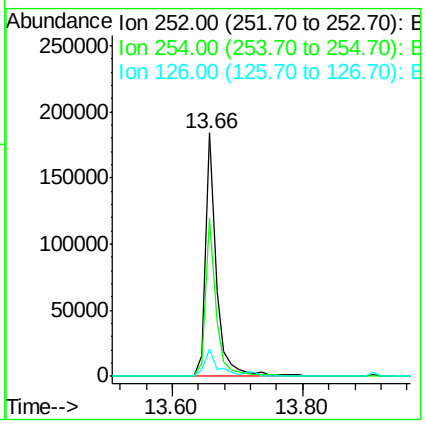


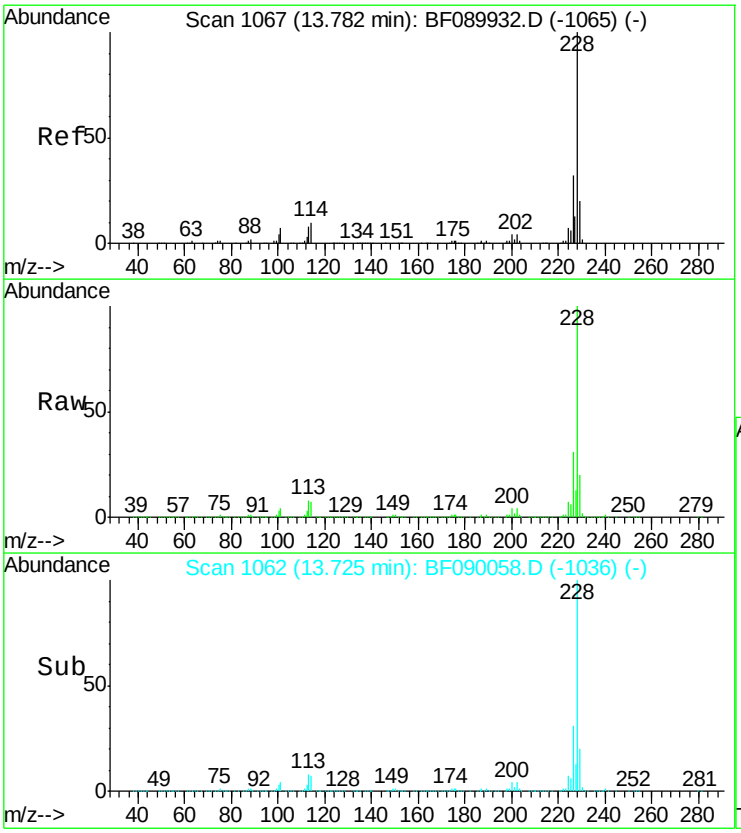

#81
3,3'-Dichlorobenzidine
Concen: 16.27 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:252 Resp: 215048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.3 | 76.9 |
| 126 | 11.4 | 12.3 | 18.5# |

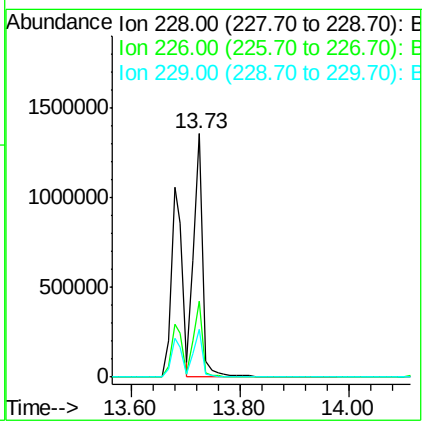


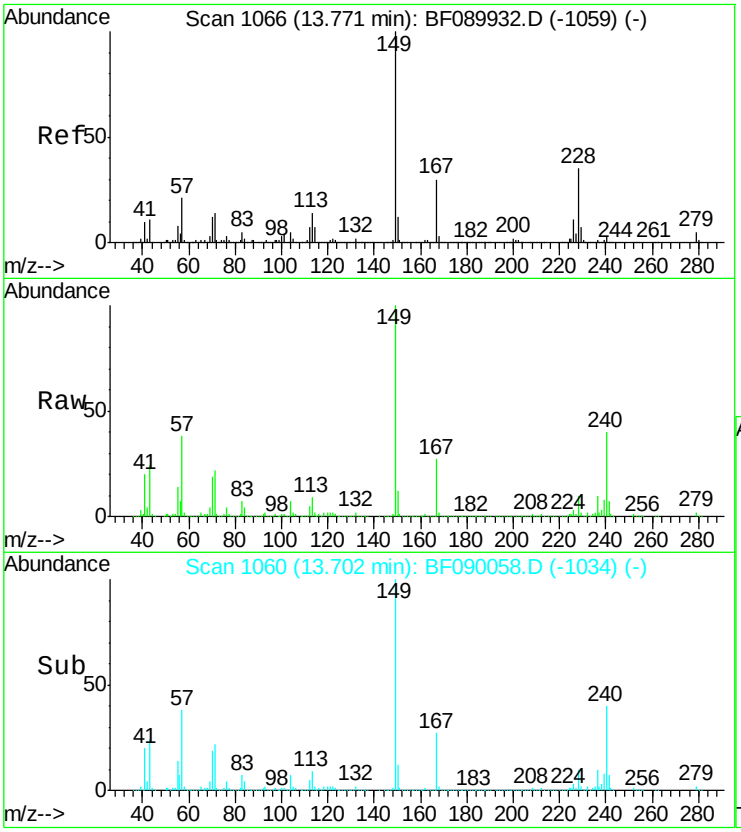




#82
Chrysene
Concen: 44.46 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:228 Resp: 1520987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 25.2 | 37.8 |
| 229 | 19.9 | 16.2 | 24.2 |



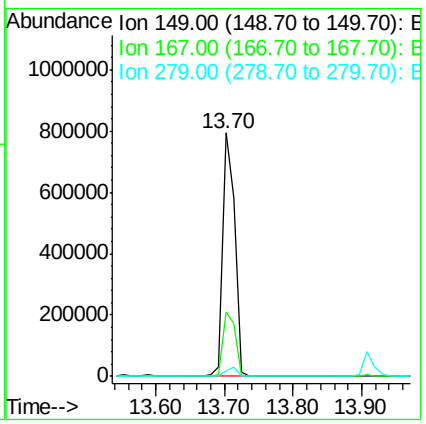


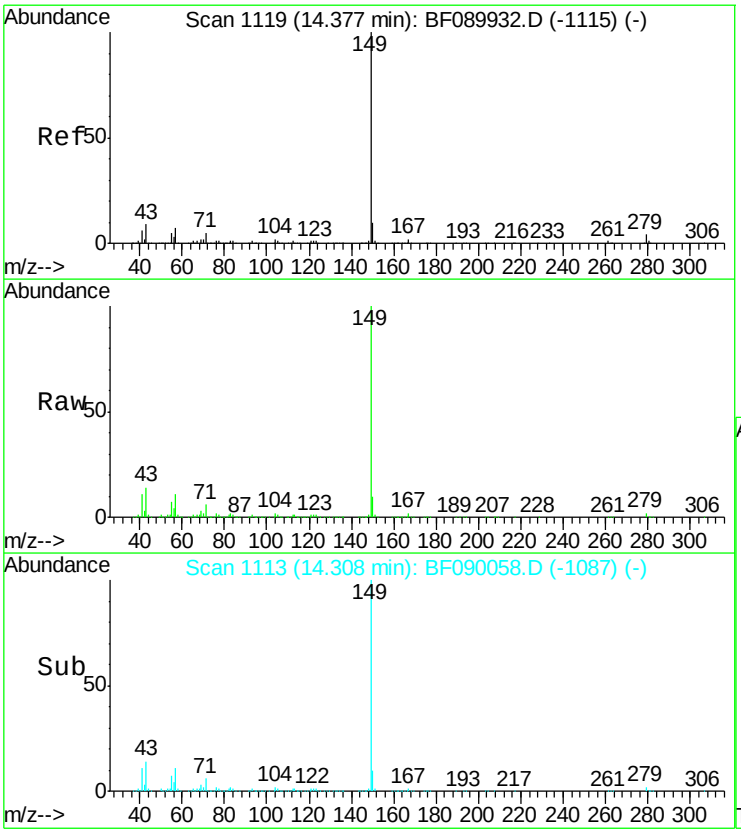

#83
Bis(2-ethylhexyl)phthalate
Concen: 41.69 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:149 Resp: 980464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 23.6 | 35.4 |
| 279 | 2.1 | 3.4 | 5.2# |

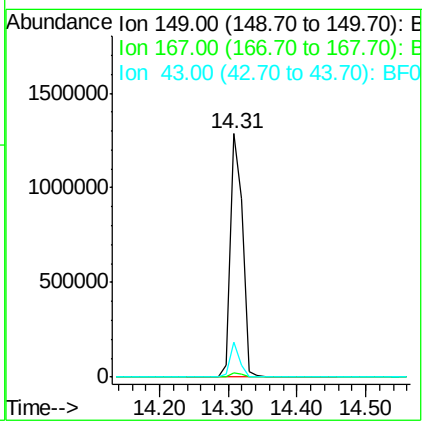


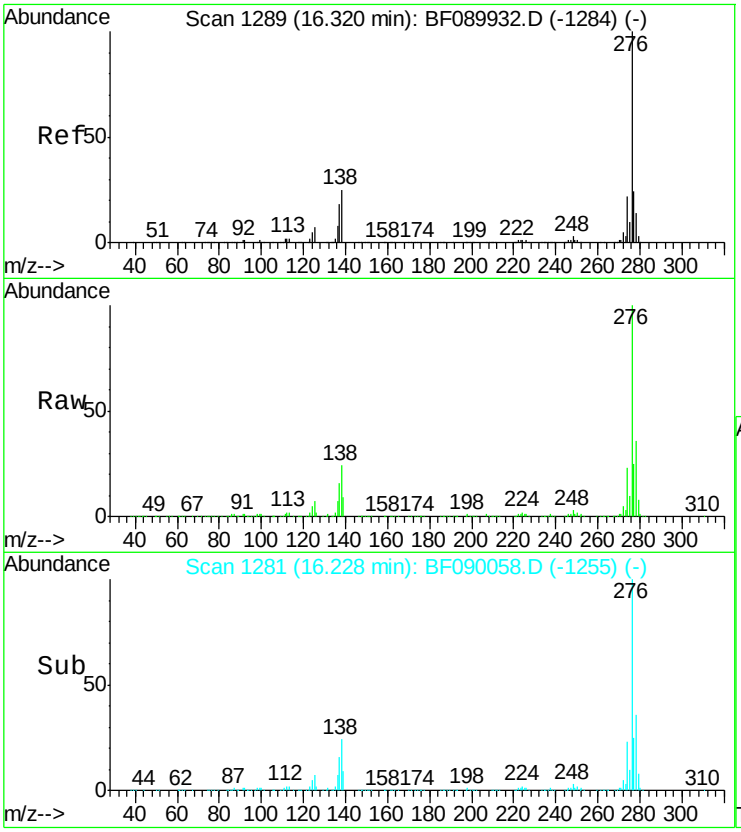




#84
Di-n-octyl phthalate
Concen: 42.48 ng
RT: 14.31 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:149 Resp: 1612358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 11.2 | 9.3 | 13.9 |



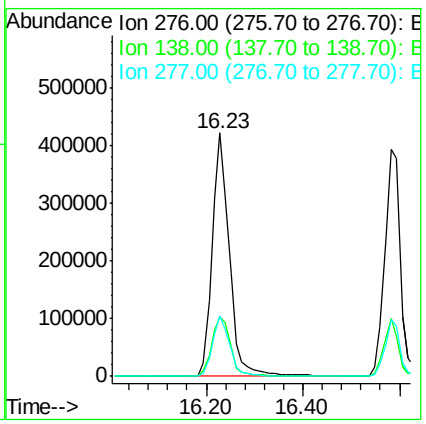


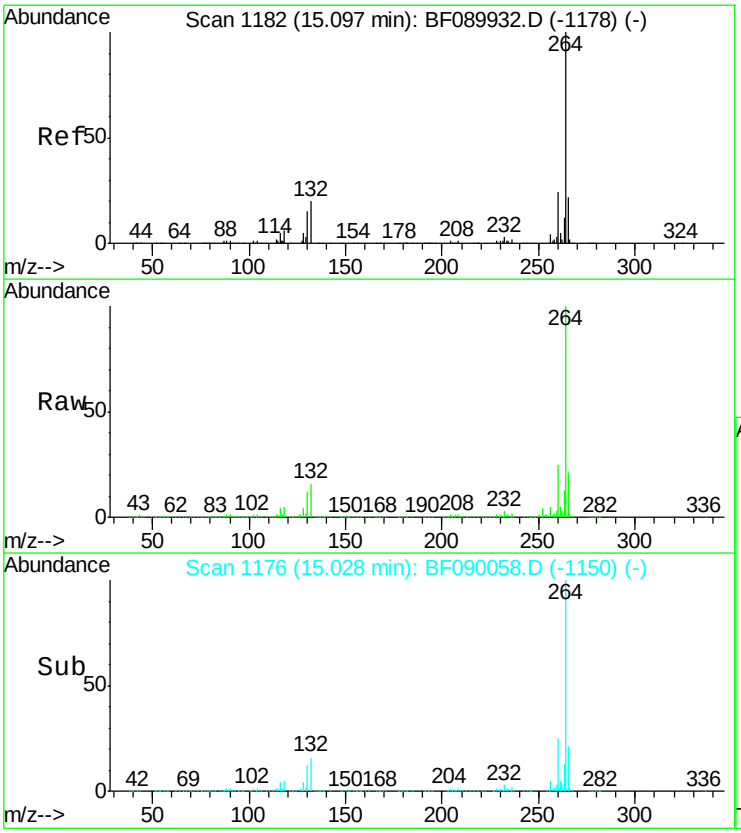

#85
Indeno(1,2,3-cd)pyrene
Concen: 41.73 ng
RT: 16.23 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:276 Resp: 1055481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.1 | 22.6 | 34.0 |
| 277 | 25.2 | 20.1 | 30.1 |

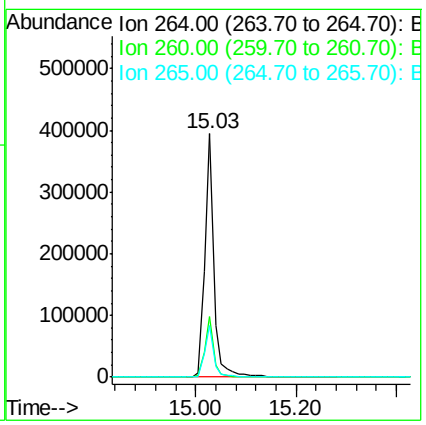


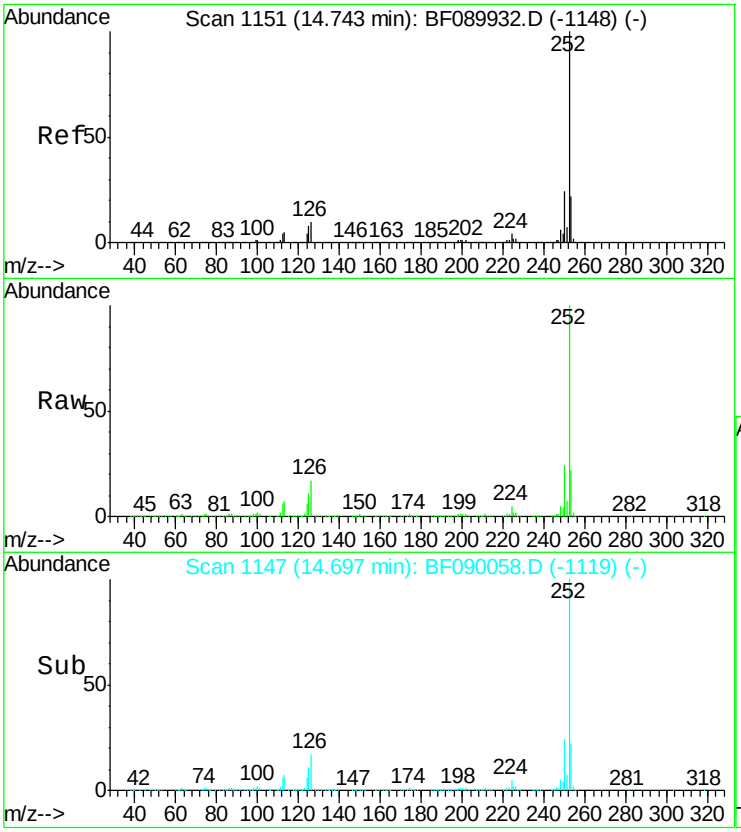




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:264 Resp: 498154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.4 | 29.0 |
| 265 | 21.4 | 17.4 | 26.2 |



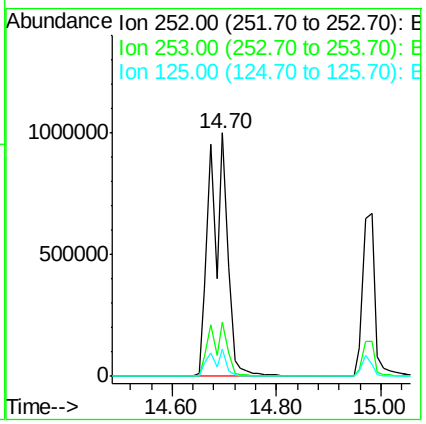


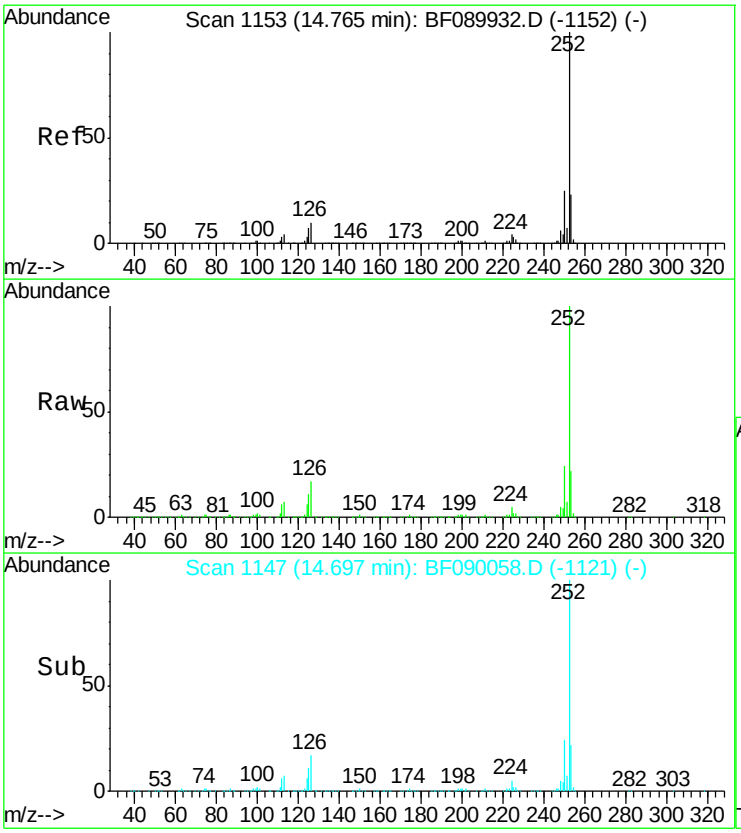

#87
Benzo(b)fluoranthene
Concen: 74.01 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.02 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:252 Resp: 2309783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 11.4 | 5.7 | 8.5# |

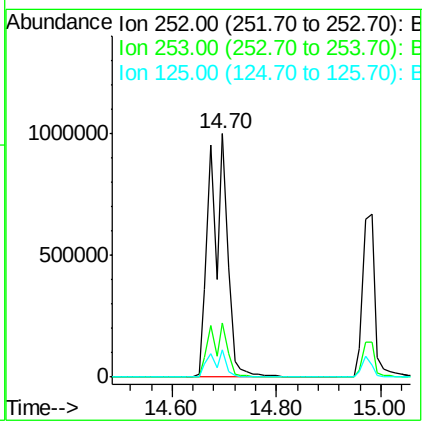


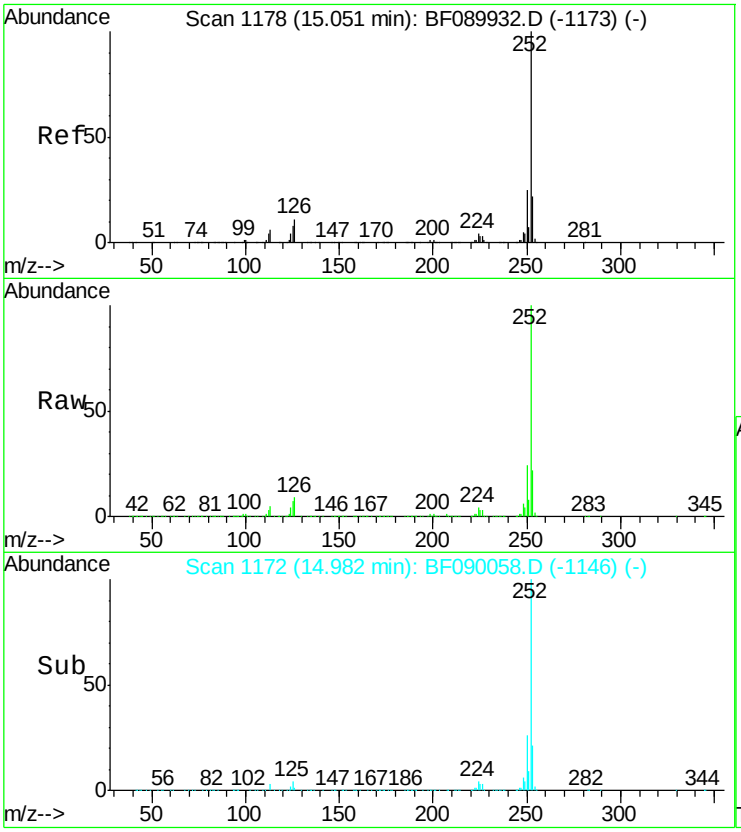




#88
Benzo(k)fluoranthene
Concen: 87.22 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:252 Resp: 2309783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.8 |
| 125 | 11.4 | 7.3 | 10.9# |



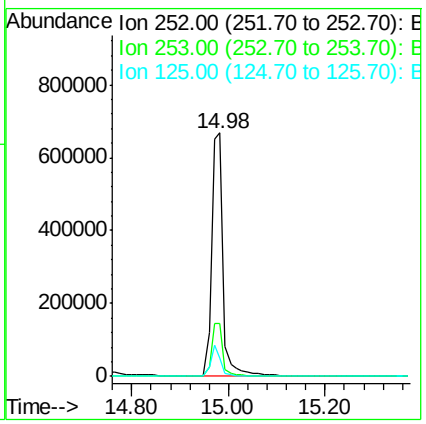


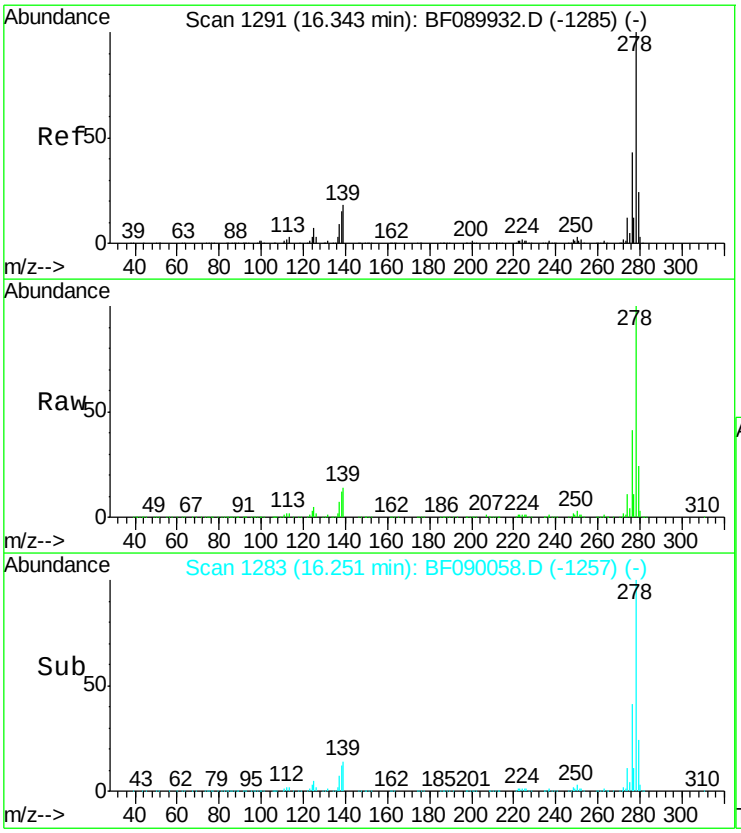

#89
Benzo(a)pyrene
Concen: 41.76 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:252 Resp: 1116669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.5 | 26.3 |
| 125 | 7.5 | 6.3 | 9.5 |

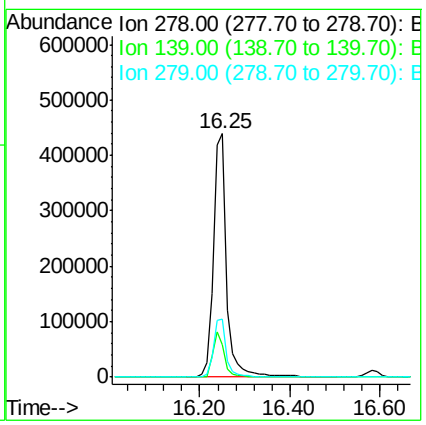


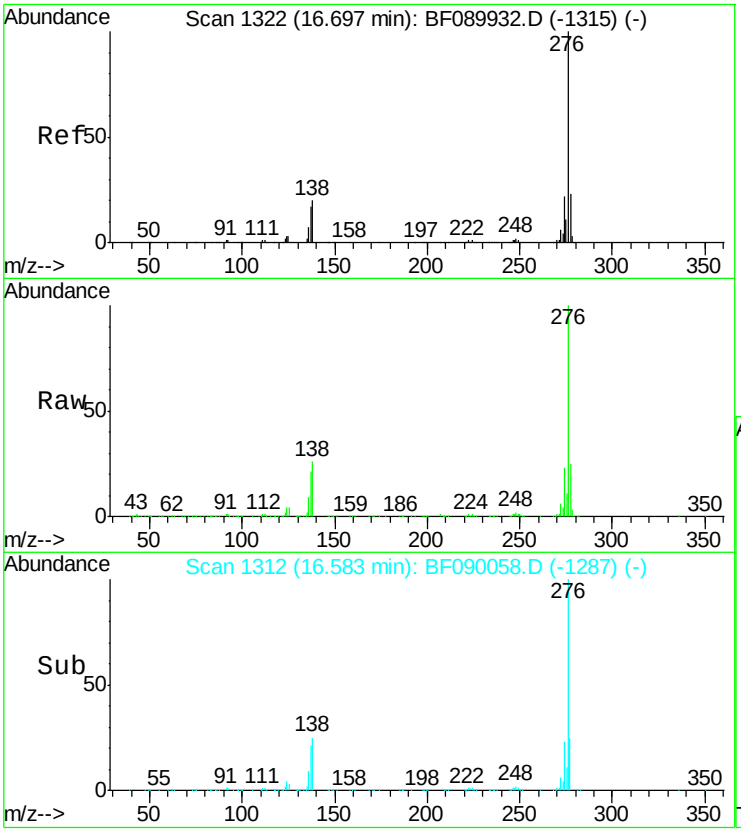




#90
Dibenzo(a,h)anthracene
Concen: 45.30 ng
RT: 16.25 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

Tgt Ion:278 Resp: 887461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.5 | 13.4 | 20.2 |
| 279 | 23.9 | 19.4 | 29.2 |






#91
Benzo(g,h,i)perylene
Concen: 45.82 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF090058.D
Acq: 12 Sep 2016 12:45

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

Tgt Ion:276 Resp: 903623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.3 | 19.0 | 28.4 |
| 138 | 25.6 | 16.4 | 24.6# |