Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
Data File : BF090049.D
Acq On : 9 Sep 2016 16:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Sep 09 17:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.59 | 152 | 173201 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.87 | 136 | 708344 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.62 | 164 | 363344 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.10 | 188 | 705720 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.71 | 240 | 437413 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.05 | 264 | 378101 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 866048 | 80.04 | ng | | -0.01 |
| 7) Phenol-d6 | 6.24 | 99 | 985953 | 74.99 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.16 | 82 | 967021 | 79.17 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.41 | 330 | 286667 | 79.97 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.96 | 172 | 1671910 | 75.53 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.69 | 244 | 1723304 | 97.32 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.01 | 88 | 192387 | 37.53 | ng | | 97 |
| 3) Pyridine | 2.64 | 79 | 504847 | 36.91 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.59 | 42 | 233204 | 34.57 | ng | | 99 |
| 6) Aniline | 6.25 | 93 | 644954 | 35.95 | ng | | 87 |
| 8) 2-Chlorophenol | 6.38 | 128 | 466577 | 39.74 | ng | | 93 |
| 9) Benzaldehyde | 6.12 | 77 | 300833 | 35.46 | ng | | 93 |
| 10) Phenol | 6.25 | 94 | 542794 | 35.50 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.33 | 93 | 440701 | 38.09 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.52 | 146 | 512365m | 39.08 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.60 | 146 | 536324 | 39.98 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.76 | 146 | 488787 | 40.64 | ng | | 94 |
| 15) Benzyl Alcohol | 6.74 | 79 | 316728 | 38.45 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.88 | 45 | 849464 | 38.50 | ng | | 92 |
| 17) 2-Methylphenol | 6.87 | 107 | 379554 | 40.48 | ng | | 99 |
| 18) Hexachloroethane | 7.10 | 117 | 181877 | 39.58 | ng | # | 86 |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70 | 319667 | 37.31 | ng | | 87 |
| 20) 3+4-Methylphenols | 7.03 | 107 | 464886 | 40.91 | ng | # | 69 |
| 22) Acetophenone | 7.00 | 105 | 612991 | 38.58 | ng | # | 92 |
| 24) Nitrobenzene | 7.18 | 77 | 457759 | 35.25 | ng | | 95 |
| 25) Isophorone | 7.43 | 82 | 942037 | 37.93 | ng | | 98 |
| 26) 2-Nitrophenol | 7.50 | 139 | 266706 | 42.97 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.55 | 122 | 445386 | 38.79 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93 | 585223 | 39.07 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.75 | 162 | 404763 | 39.32 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 7.83 | 180 | 436312 | 38.77 | ng | | 98 |
| 31) Naphthalene | 7.90 | 128 | 1251481 | 35.46 | ng | | 100 |
| 32) Benzoic acid | 7.70 | 122 | 324980 | 42.02 | ng | | 96 |
| 33) 4-Chloroaniline | 7.95 | 127 | 421570 | 29.61 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.02 | 225 | 248645 | 37.70 | ng | | 98 |
| 35) Caprolactam | 8.34 | 113 | 124009 | 38.17 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 409785 | 37.59 | ng | # | 80 |
| 37) 2-Methylnaphthalene | 8.59 | 142 | 916122 | 39.29 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.75 | 216 | 404030 | 37.96 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.74 | 237 | 202287 | 37.06 | ng | | 95 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
Data File : BF090049.D
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Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Sep 09 17:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

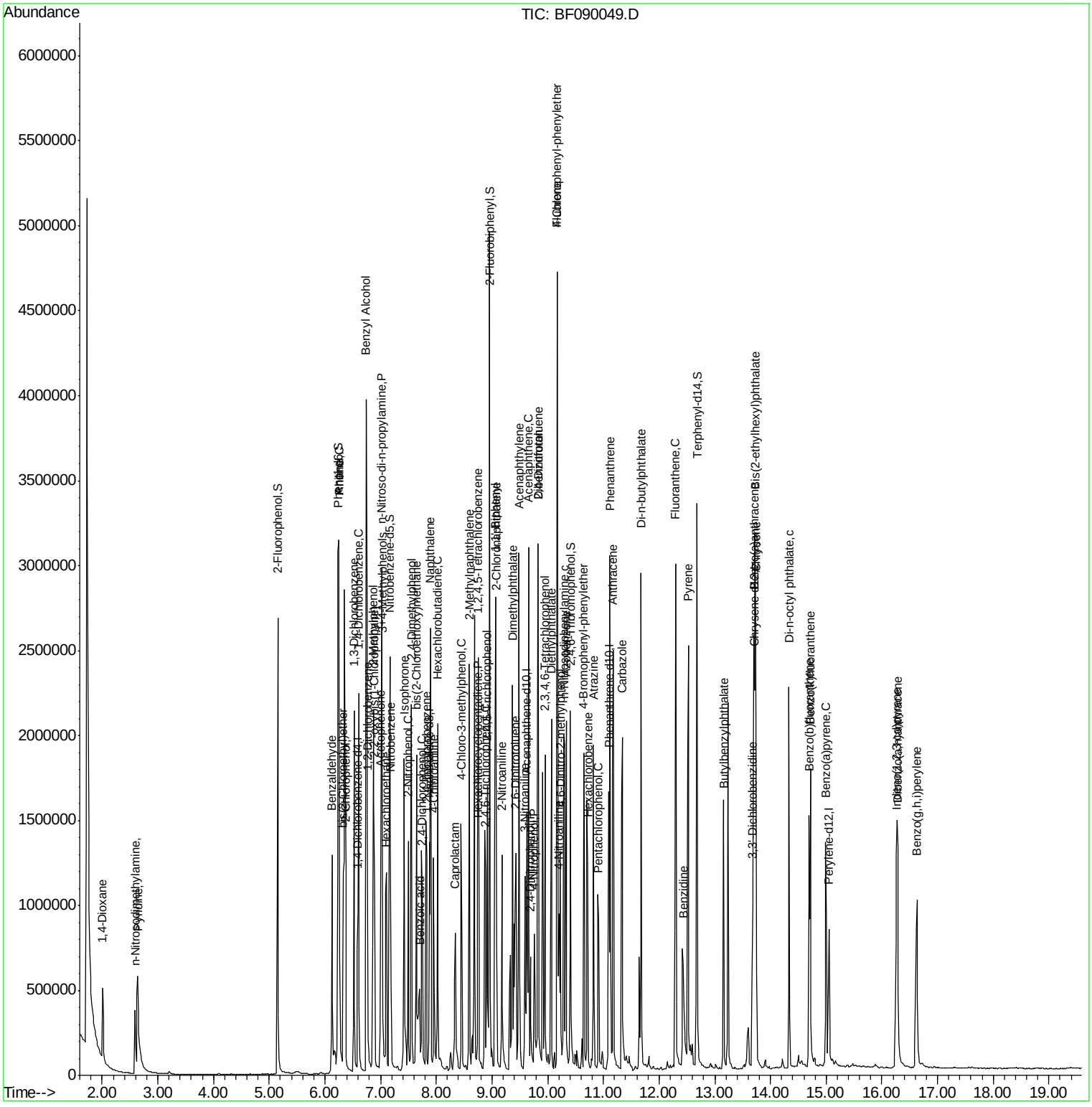
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.88 | 196 | 296257 | 40.16 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.91 | 196 | 313442 | 44.19 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.06 | 154 | 1188813 | 40.64 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.07 | 162 | 807244 | 39.01 | ng | | 99 |
| 47) 2-Nitroaniline | 9.18 | 65 | 266786 | 39.44 | ng | | 93 |
| 48) Acenaphthylene | 9.48 | 152 | 1292616 | 37.78 | ng | | 99 |
| 49) Dimethylphthalate | 9.37 | 163 | 1059333 | 40.34 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.43 | 165 | 259158 | 44.37 | ng | # | 75 |
| 51) Acenaphthene | 9.66 | 154 | 828436 | 38.21 | ng | | 99 |
| 52) 3-Nitroaniline | 9.59 | 138 | 233541 | 35.06 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 9.69 | 184 | 115535 | 40.07 | ng | | 92 |
| 54) Dibenzofuran | 9.83 | 168 | 1059709 | 36.47 | ng | | 98 |
| 55) 4-Nitrophenol | 9.76 | 139 | 190685 | 37.95 | ng | # | 65 |
| 56) 2,4-Dinitrotoluene | 9.83 | 165 | 302295 | 40.81 | ng | # | 91 |
| 57) Fluorene | 10.17 | 166 | 864949 | 40.74 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.95 | 232 | 265491 | 43.72 | ng | | 96 |
| 59) Diethylphthalate | 10.07 | 149 | 975747 | 39.49 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.17 | 204 | 404028 | 40.44 | ng | # | 88 |
| 61) 4-Nitroaniline | 10.20 | 138 | 268095 | 40.96 | ng | | 98 |
| 62) Azobenzene | 10.33 | 77 | 934672 | 37.88 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 10.23 | 198 | 175859 | 38.92 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.30 | 169 | 832367 | 39.23 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.65 | 248 | 278622 | 39.22 | ng | # | 91 |
| 67) Hexachlorobenzene | 10.72 | 284 | 326371 | 40.22 | ng | # | 70 |
| 68) Atrazine | 10.82 | 200 | 253688 | 35.82 | ng | | 98 |
| 69) Pentachlorophenol | 10.91 | 266 | 195675 | 44.82 | ng | | 99 |
| 70) Phenanthrene | 11.12 | 178 | 1270350 | 36.15 | ng | | 99 |
| 71) Anthracene | 11.18 | 178 | 1471328 | 41.28 | ng | | 99 |
| 72) Carbazole | 11.34 | 167 | 1371011 | 41.02 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.68 | 149 | 1509168 | 38.74 | ng | | 99 |
| 74) Fluoranthene | 12.30 | 202 | 1379889 | 37.47 | ng | | 98 |
| 76) Benzidine | 12.43 | 184 | 360402 | 21.75 | ng | | 99 |
| 77) Pyrene | 12.53 | 202 | 1456469 | 47.23 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.17 | 149 | 581831 | 46.78 | ng | # | 76 |
| 80) Benzo(a)anthracene | 13.70 | 228 | 1047982 | 39.12 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.68 | 252 | 317881 | 32.87 | ng | # | 96 |
| 82) Chrysene | 13.74 | 228 | 865324 | 34.58 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.73 | 149 | 745800 | 43.35 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 14.33 | 149 | 1065088 | 38.36 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.26 | 276 | 993979 | 53.72 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.70 | 252 | 917600m | 38.74 | ng | | |
| 88) Benzo(k)fluoranthene | 14.72 | 252 | 656218m | 32.65 | ng | | |
| 89) Benzo(a)pyrene | 14.99 | 252 | 771156 | 38.00 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.29 | 278 | 817795 | 55.00 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 16.63 | 276 | 840743 | 56.17 | ng | | 98 |

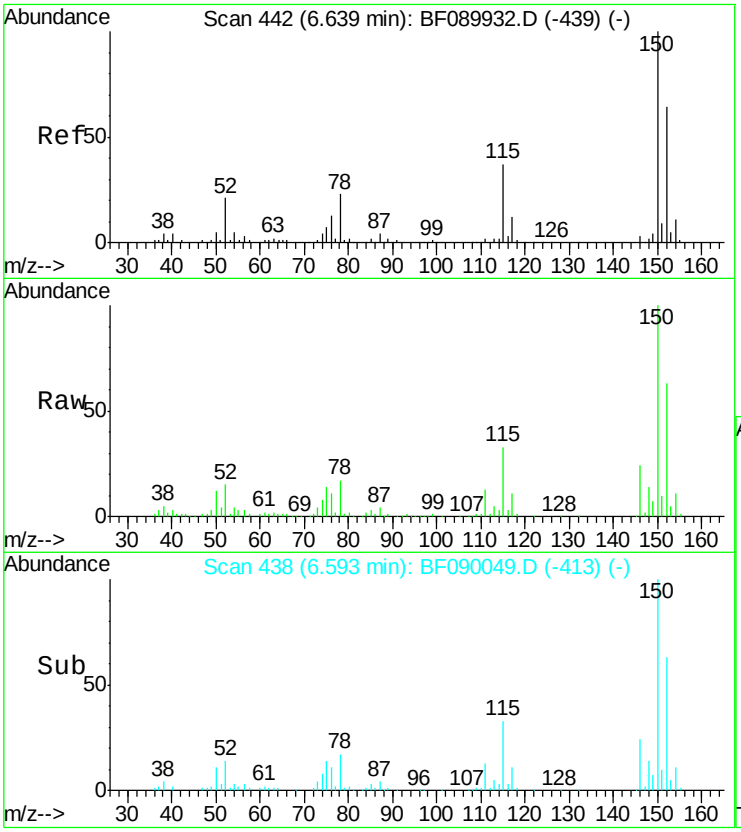
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
Data File : BF090049.D
Acq On : 9 Sep 2016 16:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Sep 09 17:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration



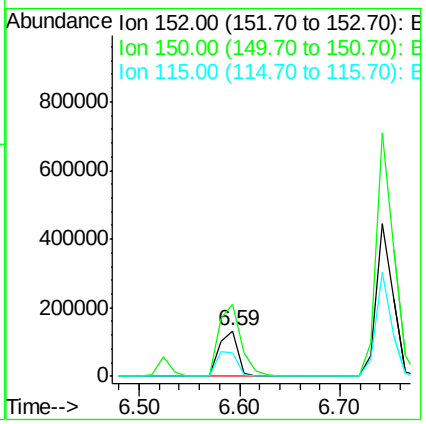


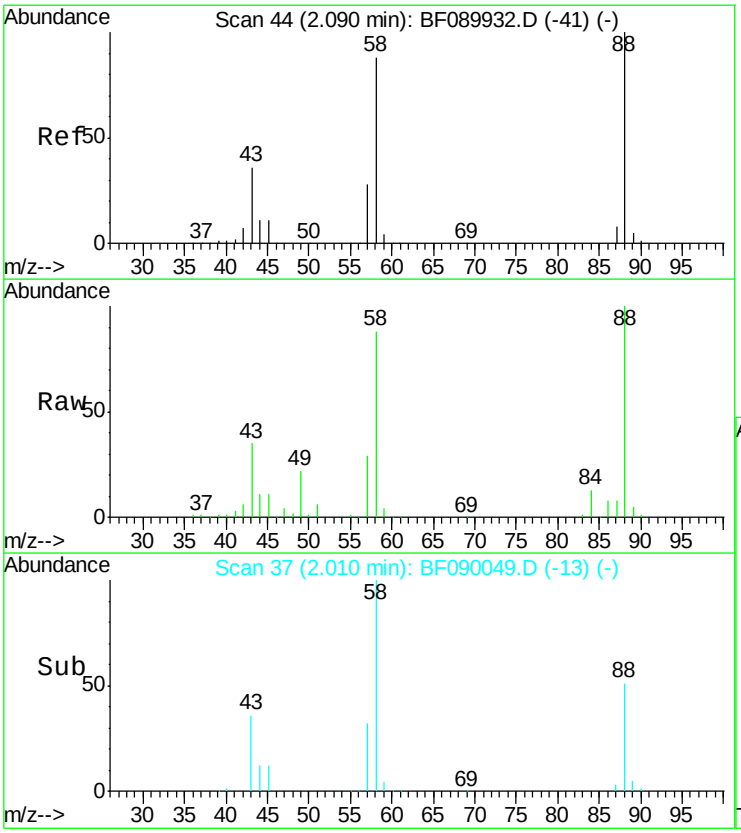

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 173201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.4 | 127.4 | 191.2 |
| 115 | 52.0 | 46.3 | 69.5 |

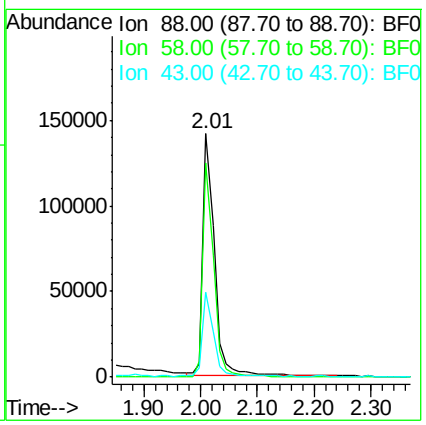


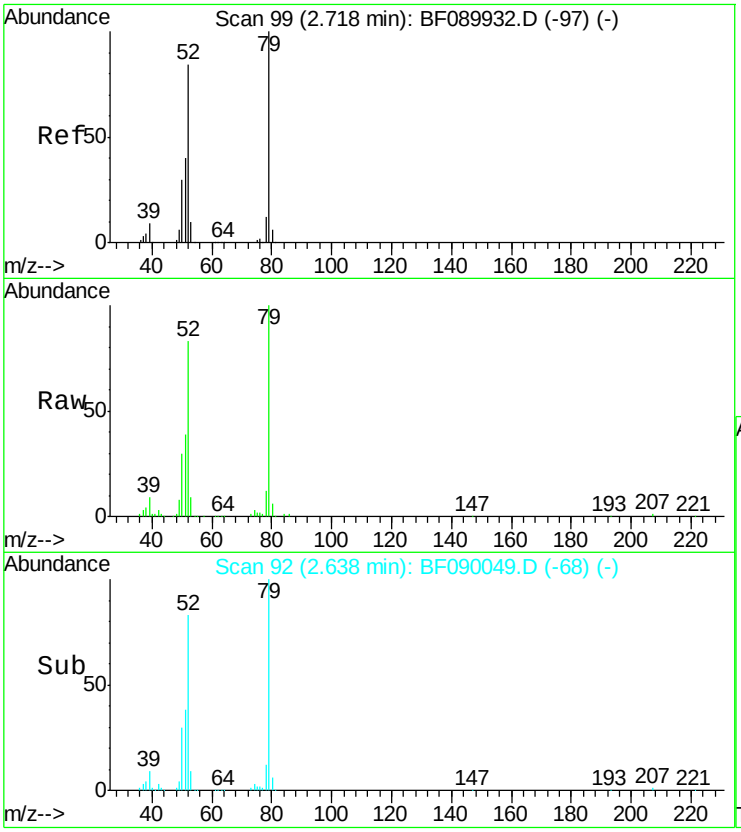




#2
1,4-Dioxane
Concen: 37.53 ng
RT: 2.01 min Scan# 37
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 88 Resp: 192387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.5 | 68.8 | 103.2 |
| 43 | 32.2 | 27.0 | 40.6 |



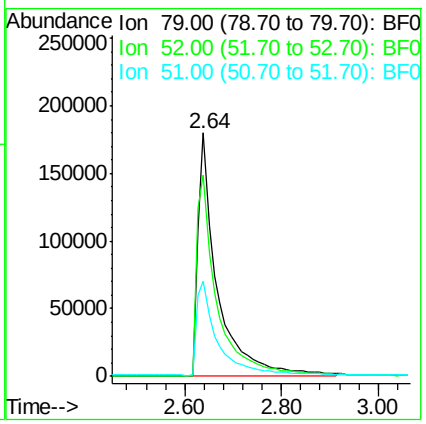


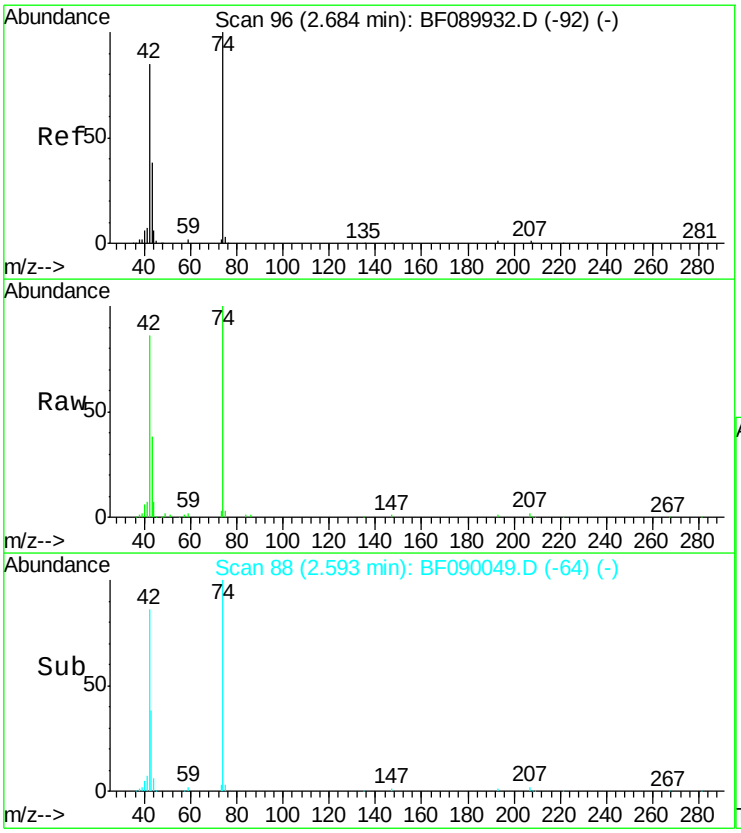

#3
Pyridine
Concen: 36.91 ng
RT: 2.64 min Scan# 92
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 504847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 82.8 | 67.8 | 101.6 |
| 51 | 39.1 | 32.9 | 49.3 |

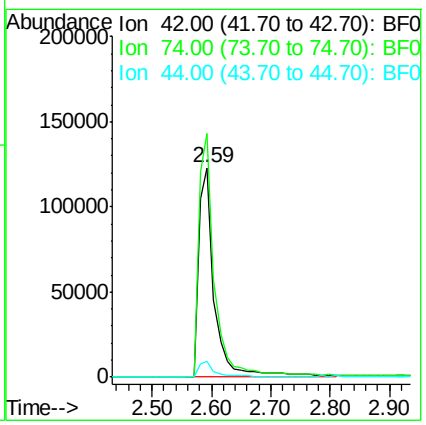


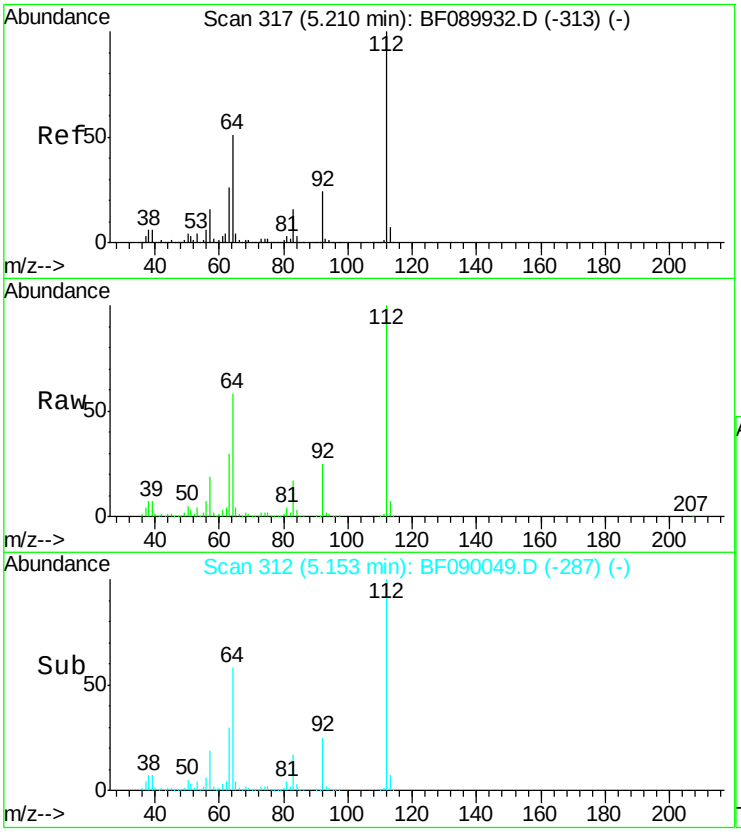




#4
n-Nitrosodimethylamine
Concen: 34.57 ng
RT: 2.59 min Scan# 88
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 42 Resp: 233204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.2 | 92.0 | 138.0 |
| 44 | 7.8 | 5.8 | 8.8 |



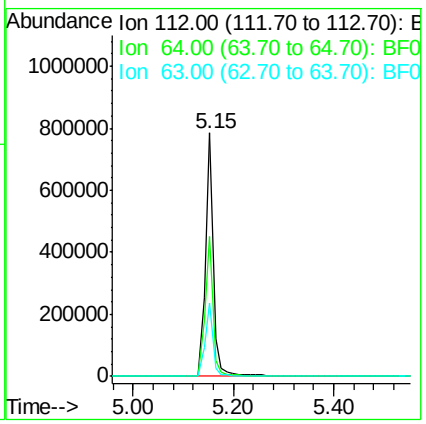


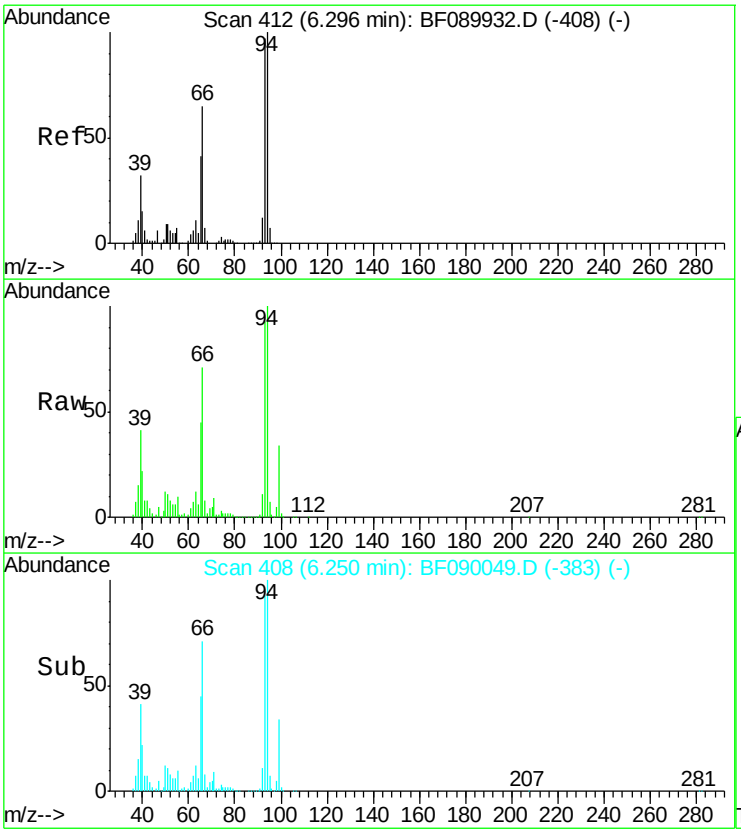

#5
2-Fluorophenol
Concen: 80.04 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 866048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.5 | 41.1 | 61.7 |
| 63 | 30.0 | 21.2 | 31.8 |

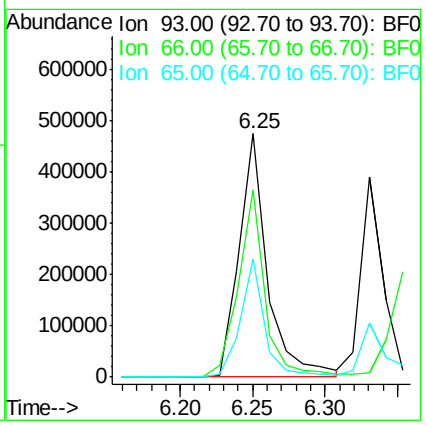


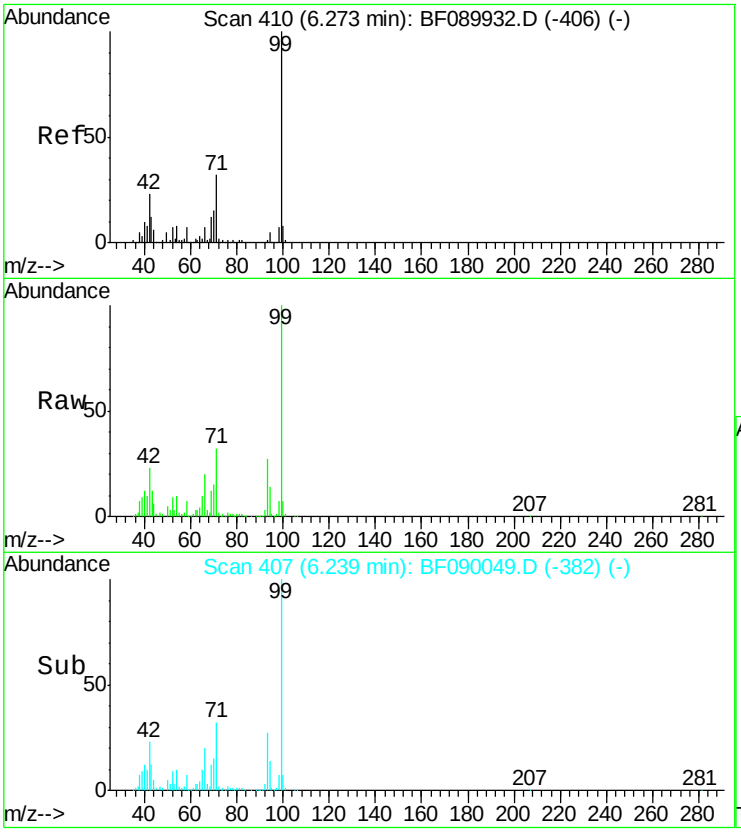




#6
Aniline
Concen: 35.95 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 93 Resp: 644954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 76.7 | 52.9 | 79.3 |
| 65 | 48.5 | 33.0 | 49.6 |



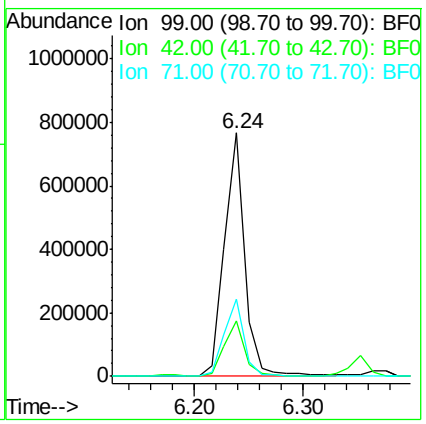


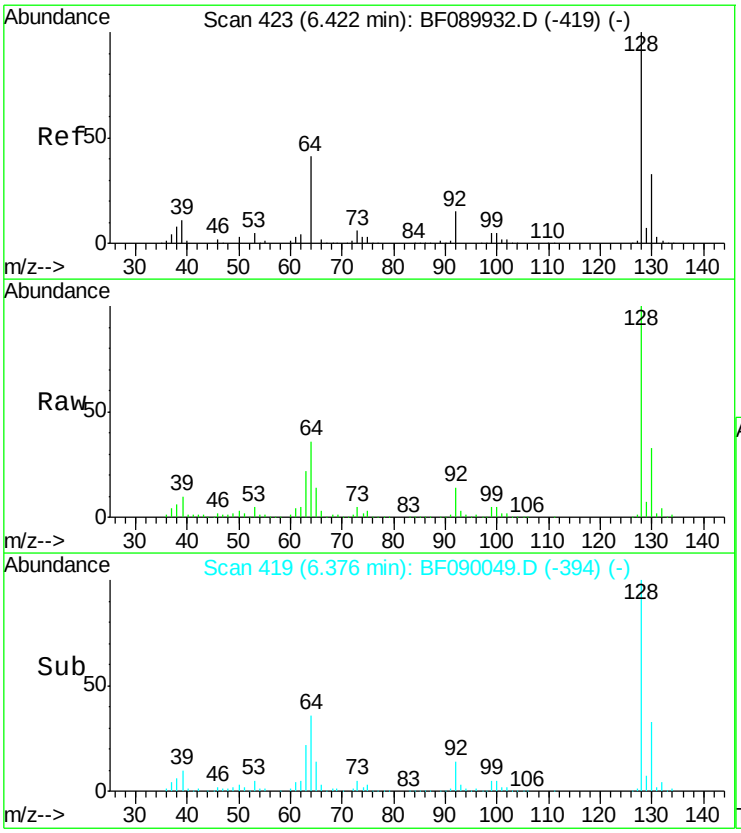

#7
Phenol-d6
Concen: 74.99 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 985953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 18.6 | 27.8 |
| 71 | 32.0 | 25.8 | 38.6 |

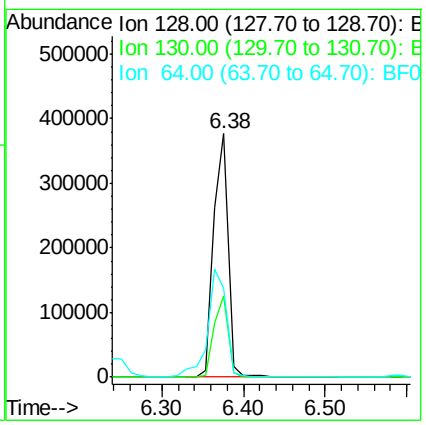


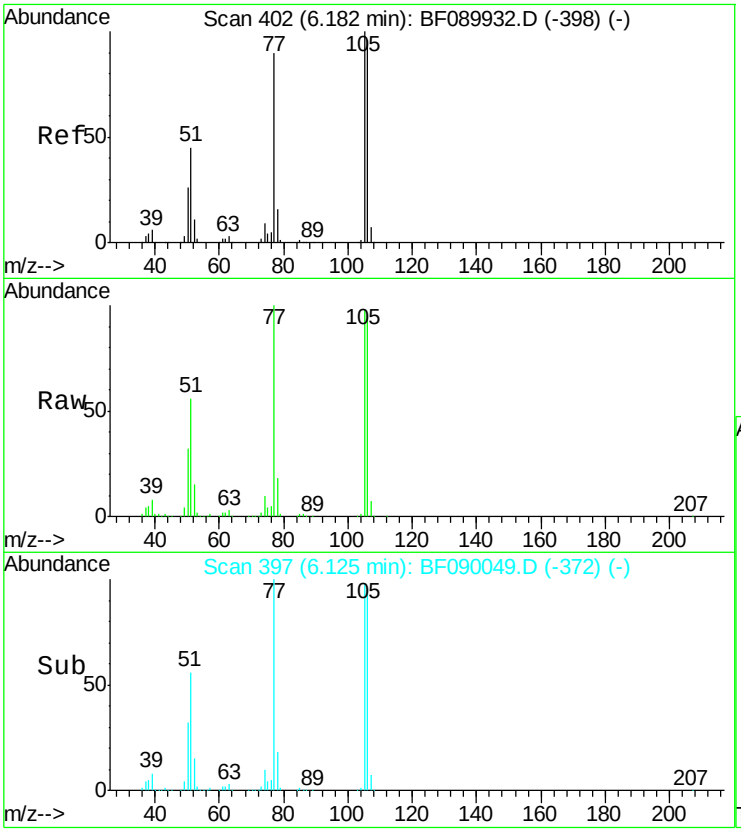




#8
2-Chlorophenol
Concen: 39.74 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:128 Resp: 466577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.5 | 12.8 | 52.8 |
| 64 | 36.4 | 23.2 | 63.2 |



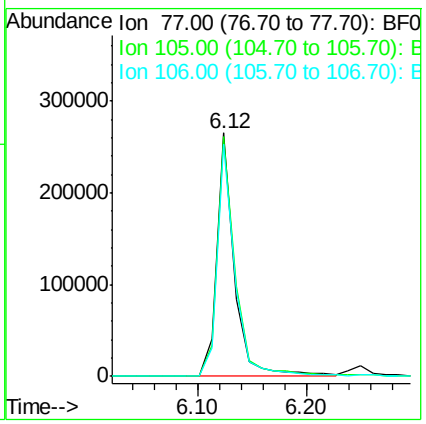


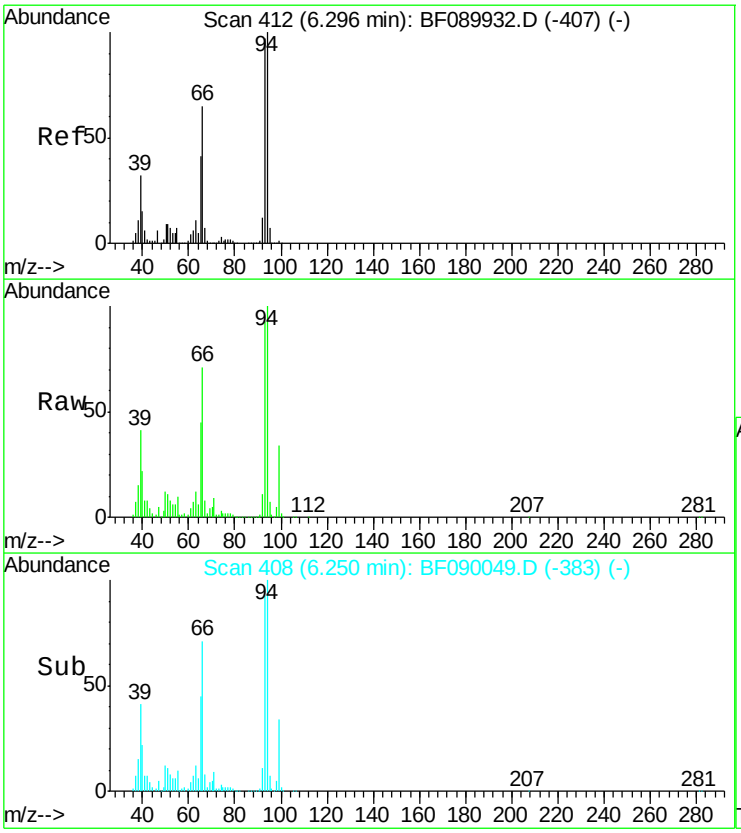

#9
Benzaldehyde
Concen:  35.46 ng
RT: 6.12 min  Scan# 397
Delta R.T.  -0.01 min
Lab File:  BF090049.D
Acq:  9 Sep 2016  16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp:  300833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.3 | 85.4 | 125.4 |
| 106 | 95.4 | 83.4 | 123.4 |

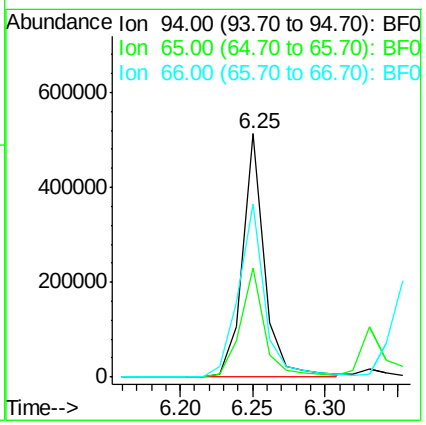


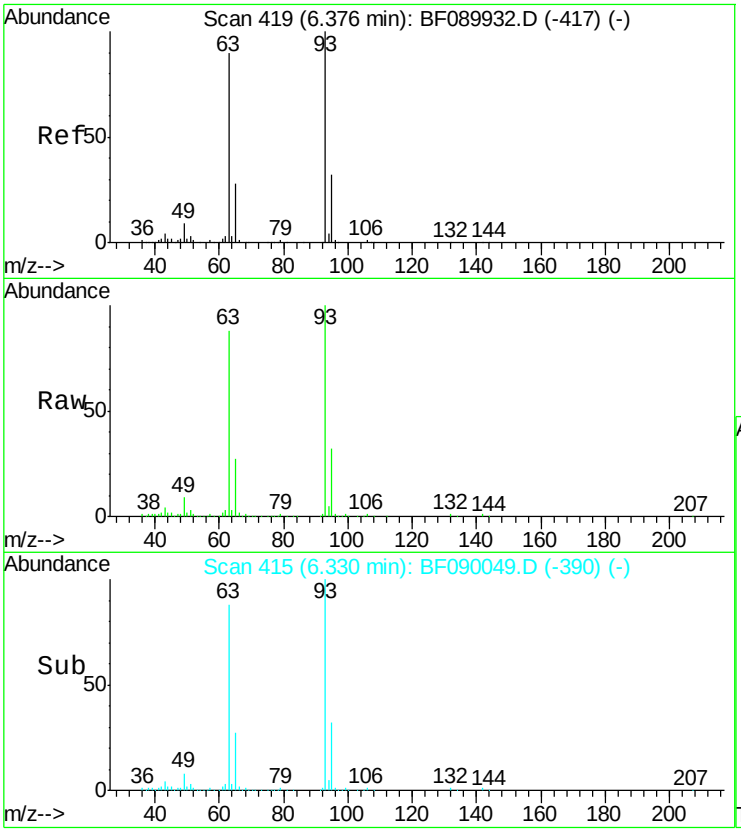




#10
Phenol
Concen:  35.50 ng
RT: 6.25 min  Scan# 408
Delta R.T.  -0.01 min
Lab File:  BF090049.D
Acq:  9 Sep 2016  16:03

Tgt Ion: 94 Resp:  542794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 44.9 | 23.2 | 63.2 |
| 66 | 71.0 | 49.2 | 89.2 |



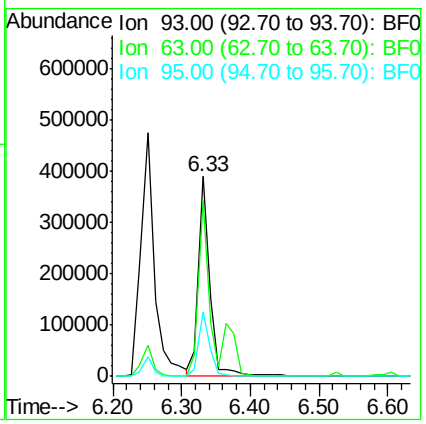


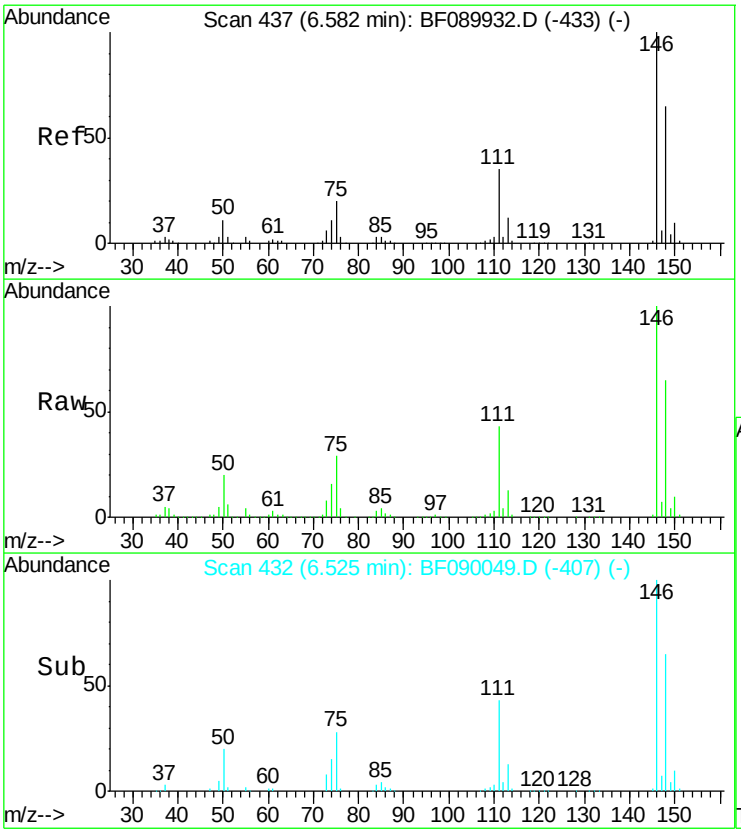

#11
bis(2-Chloroethyl)ether
Concen: 38.09 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 440701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 88.3 | 71.1 | 111.1 |
| 95 | 32.0 | 12.4 | 52.4 |

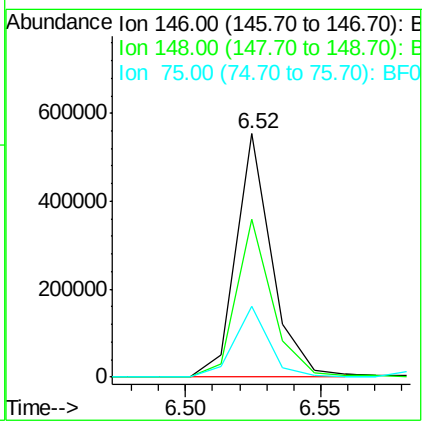


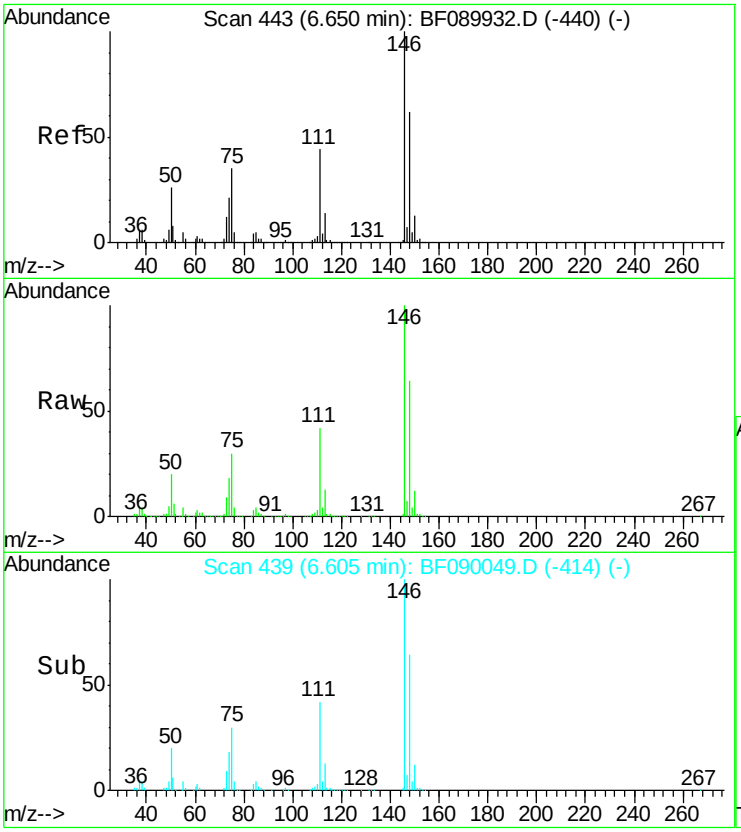




#12
1,3-Dichlorobenzene
Concen: 39.08 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:146 Resp: 512365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 52.5 | 78.7 |
| 75 | 29.1 | 16.6 | 24.8# |



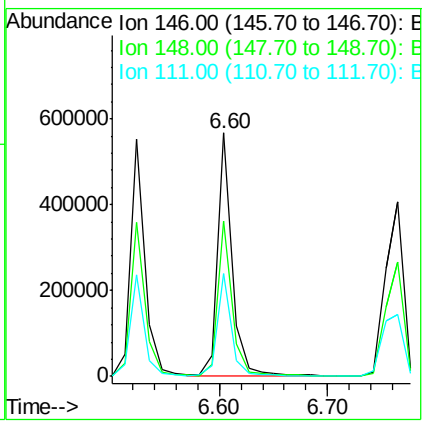


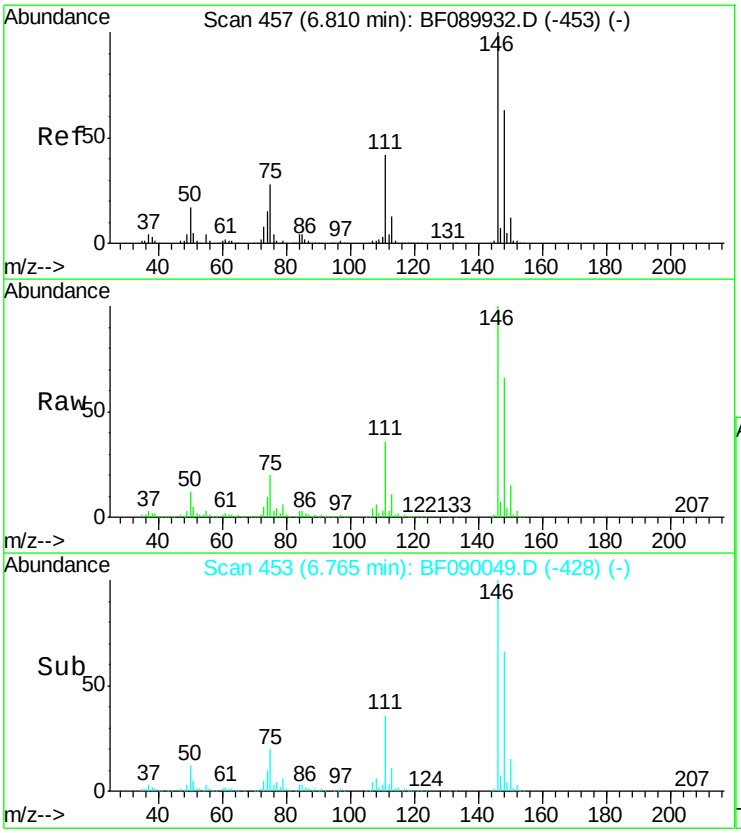

#13
1,4-Dichlorobenzene
Concen: 39.98 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 536324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.1 | 75.1 |
| 111 | 42.1 | 35.8 | 53.6 |

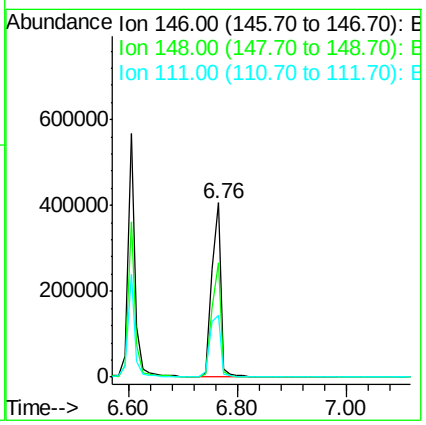


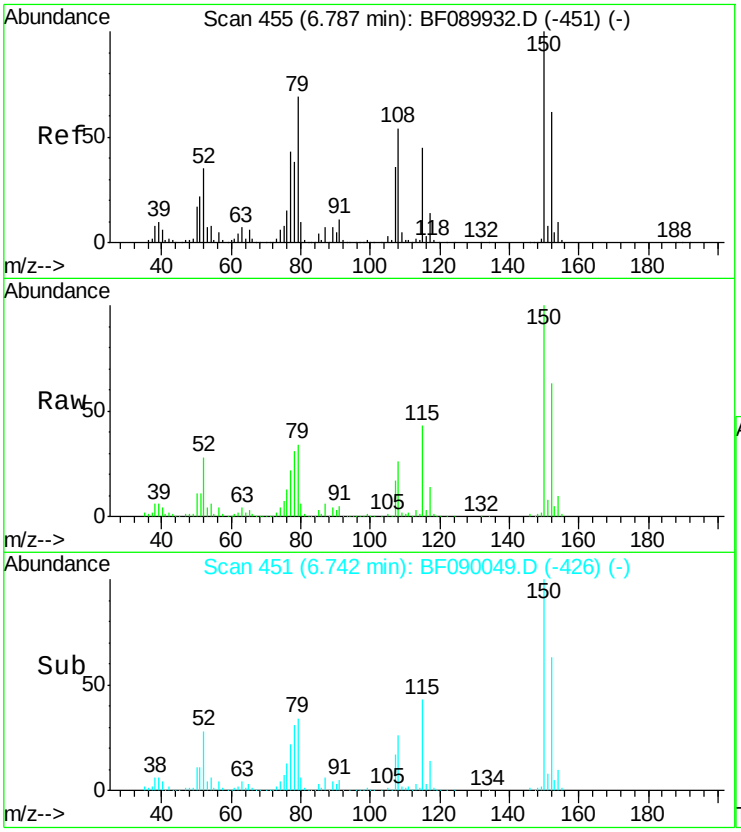




#14
1,2-Dichlorobenzene
Concen: 40.64 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:146 Resp: 488787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 51.4 | 77.2 |
| 111 | 35.5 | 34.6 | 51.8 |



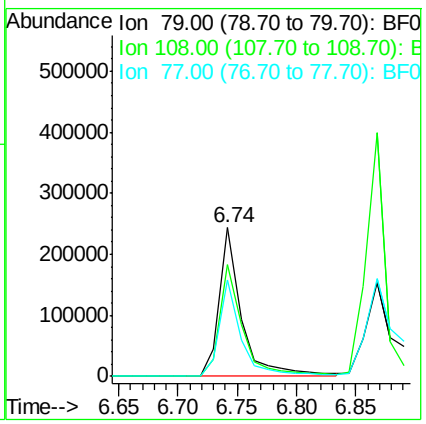


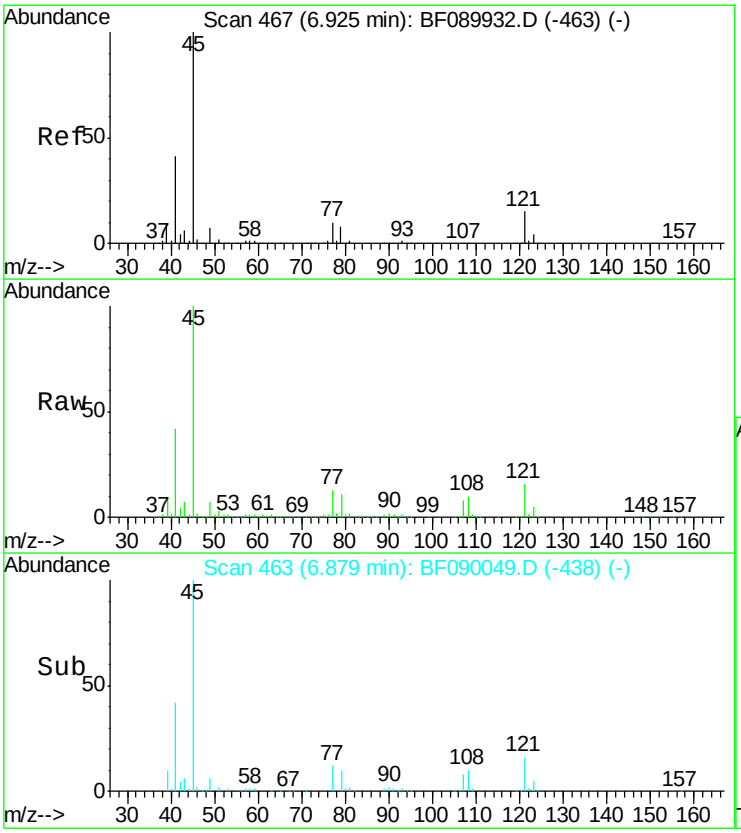

#15
Benzyl Alcohol
Concen: 38.45 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 316728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.6 | 62.1 | 93.1 |
| 77 | 64.9 | 50.1 | 75.1 |

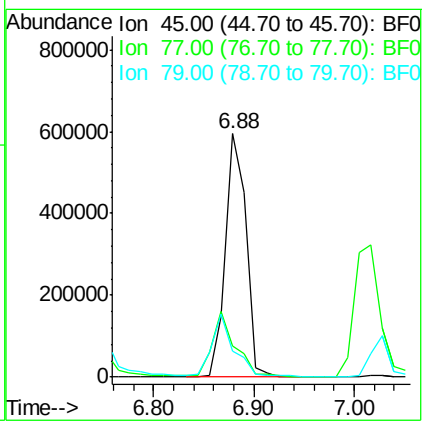


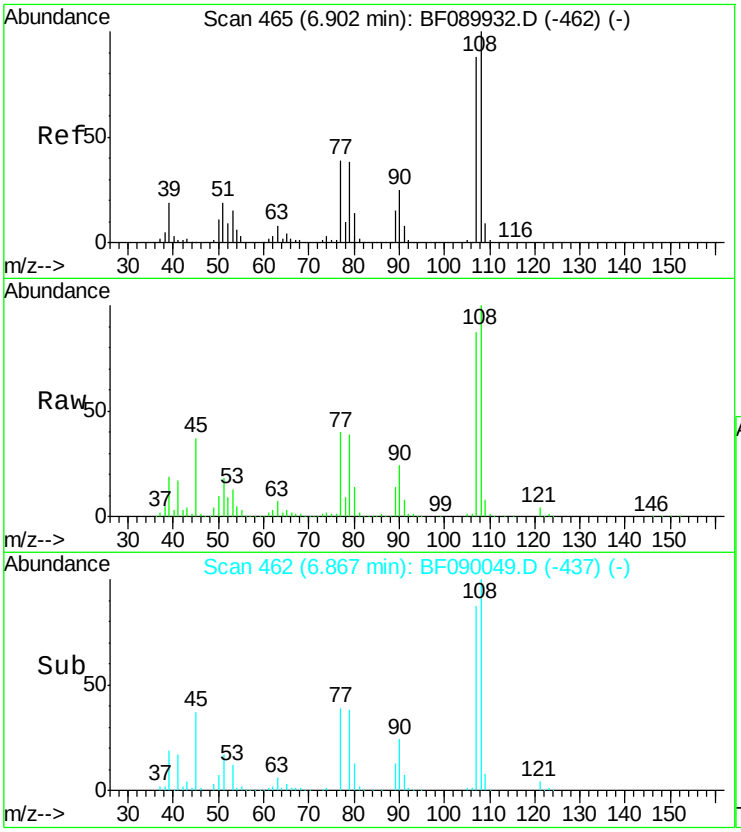




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.50 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 45 Resp: 849464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.0 | 0.0 | 30.3 |
| 79 | 10.8 | 0.0 | 27.5 |



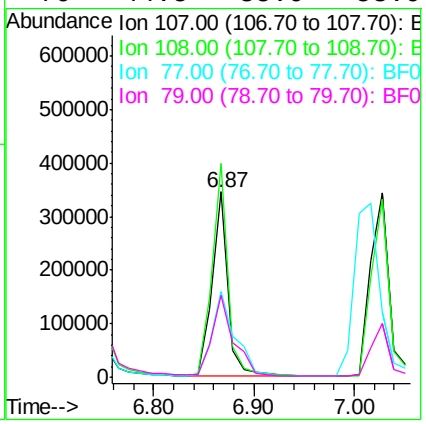


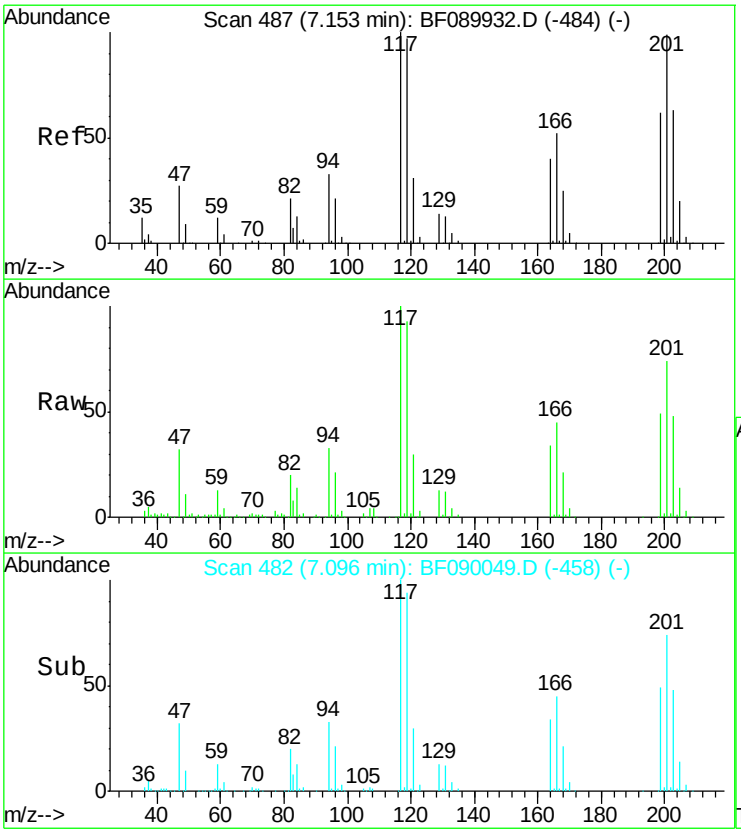

#17
2-Methylphenol
Concen: 40.48 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 379554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.1 | 91.8 | 137.6 |
| 77 | 46.3 | 36.0 | 54.0 |
| 79 | 44.5 | 35.9 | 53.9 |

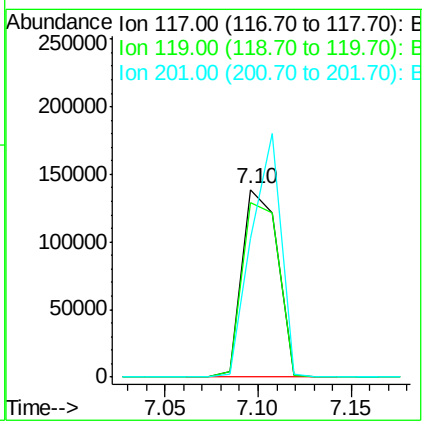


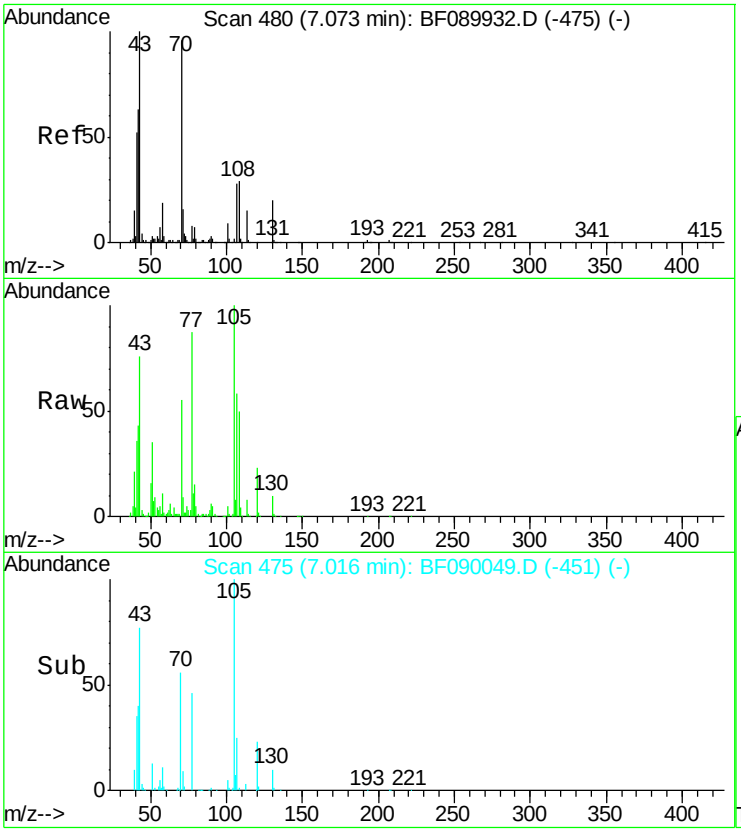




#18
Hexachloroethane
Concen: 39.58 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:117 Resp: 181877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.4 | 76.2 | 114.2 |
| 201 | 73.8 | 80.2 | 120.2# |



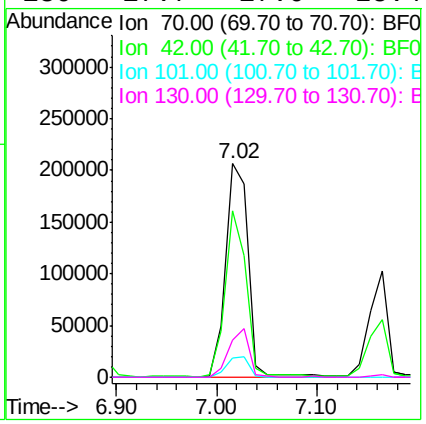


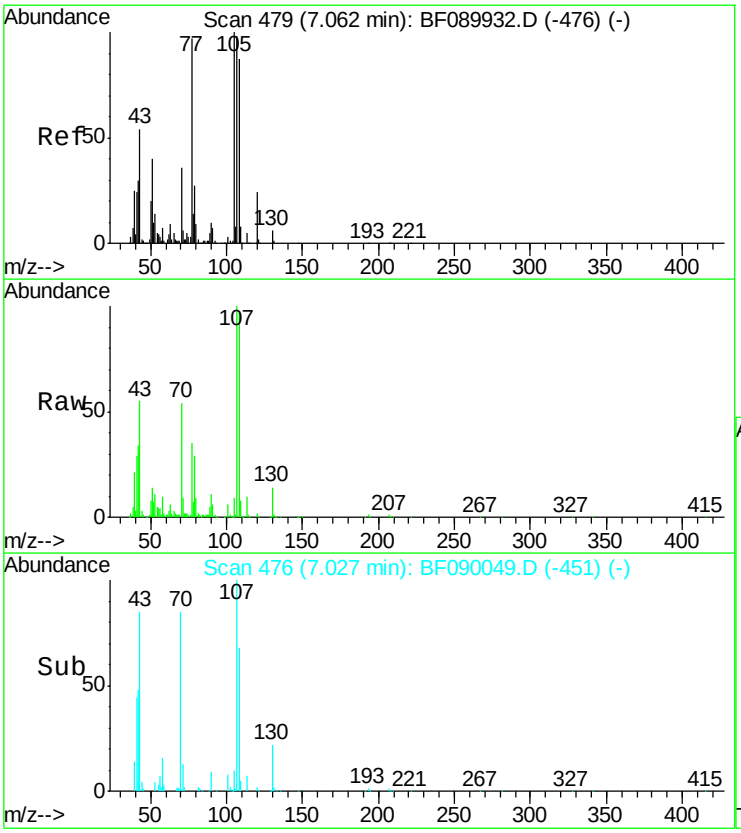

#19
n-Nitroso-di-n-propylamine
Concen: 37.31 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 319667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 78.0 | 52.1 | 78.1 |
| 101 | 9.2 | 7.4 | 11.2 |
| 130 | 17.7 | 17.0 | 25.4 |

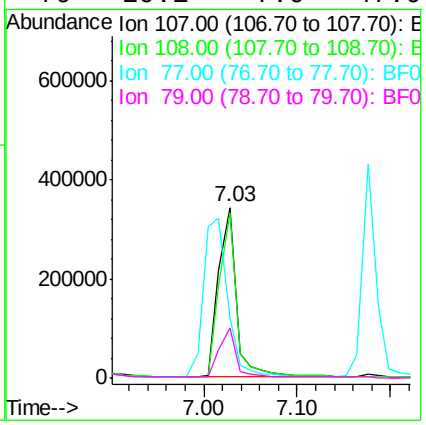


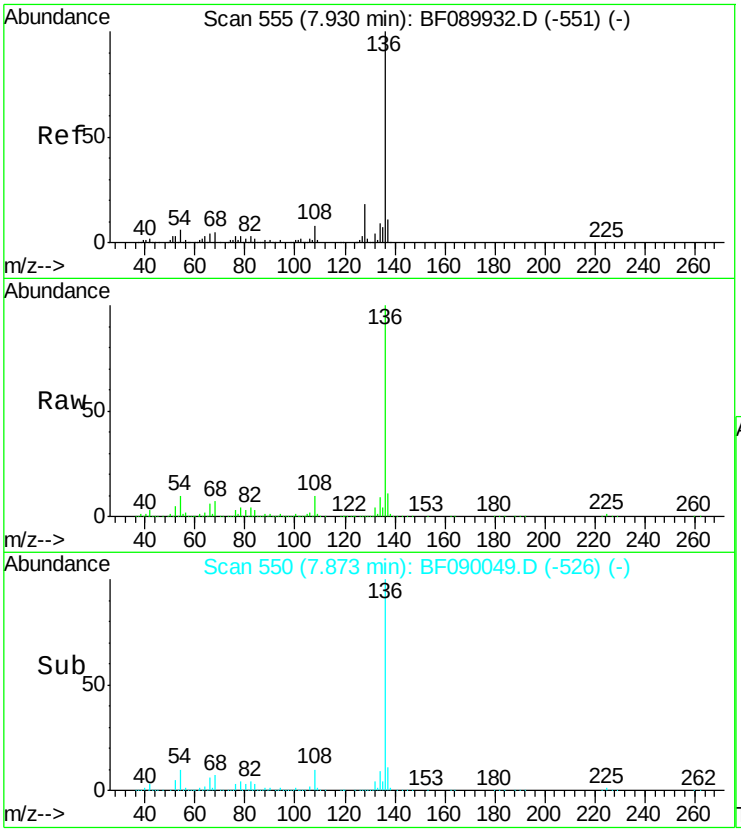




#20
3+4-Methylphenols
Concen: 40.91 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:107 Resp: 464886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 96.8 | 70.2 | 110.2 |
| 77 | 35.2 | 75.7 | 115.7# |
| 79 | 29.1 | 7.0 | 47.0 |



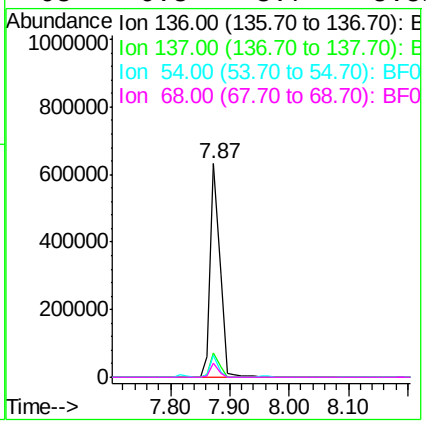


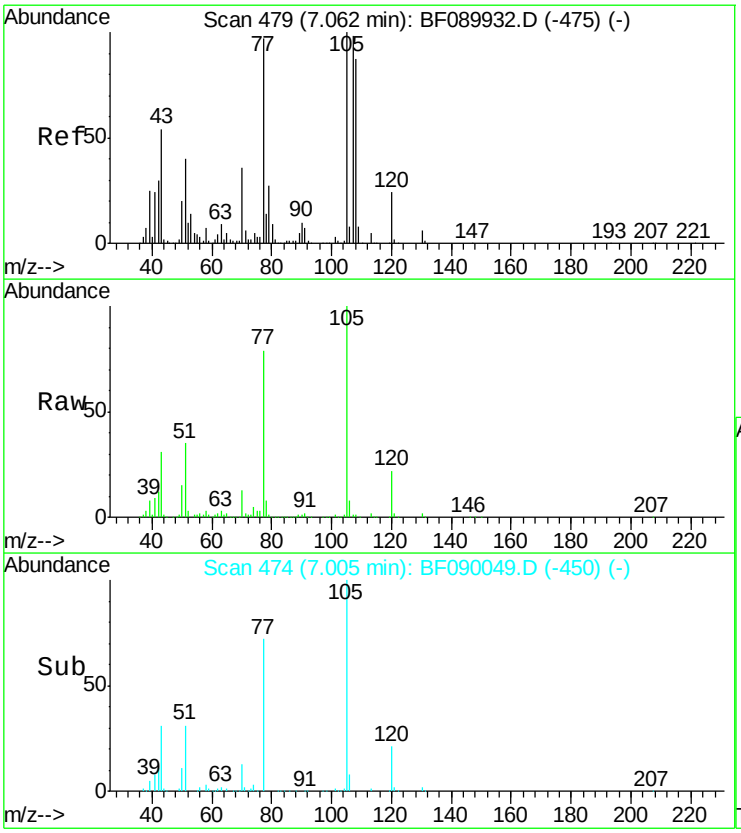

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 708344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.3 | 12.5 |
| 54 | 10.2 | 4.8 | 7.2# |
| 68 | 6.8 | 3.7 | 5.5# |

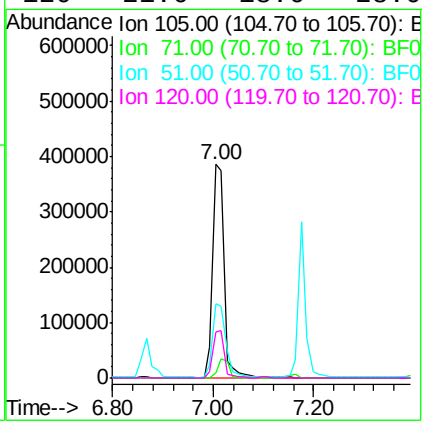


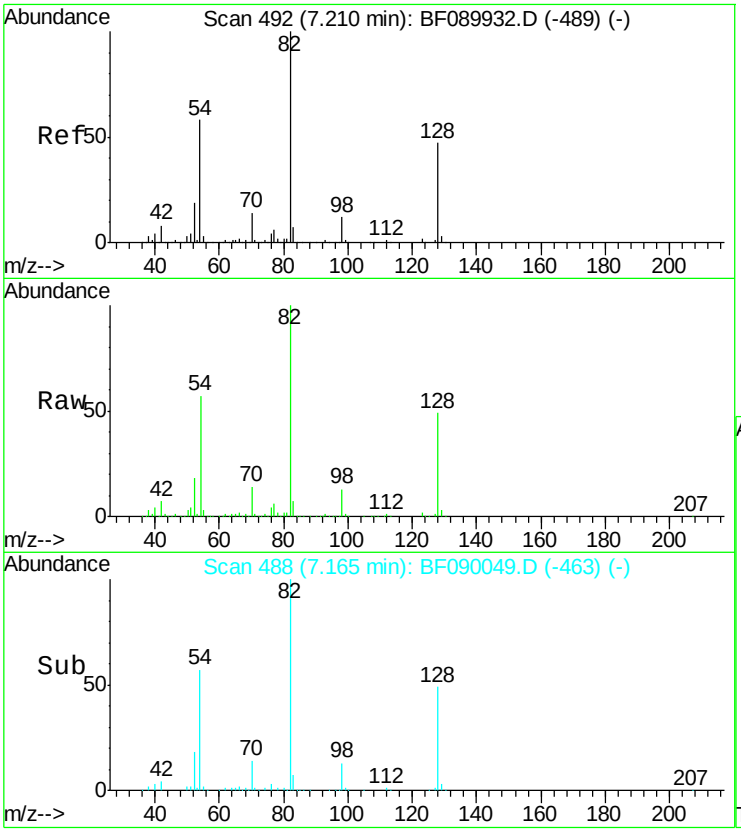




#22
Acetophenone
Concen: 38.58 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:105 Resp: 612991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.5 | 5.3 | 7.9# |
| 51 | 35.0 | 32.6 | 48.8 |
| 120 | 21.6 | 18.6 | 28.0 |



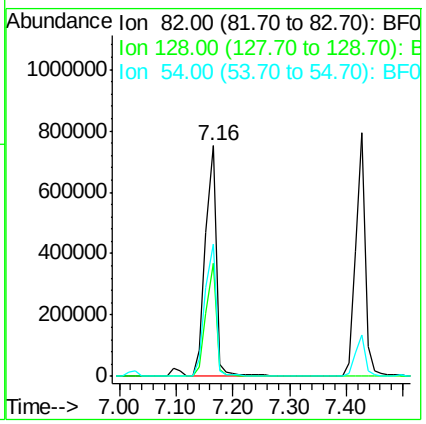


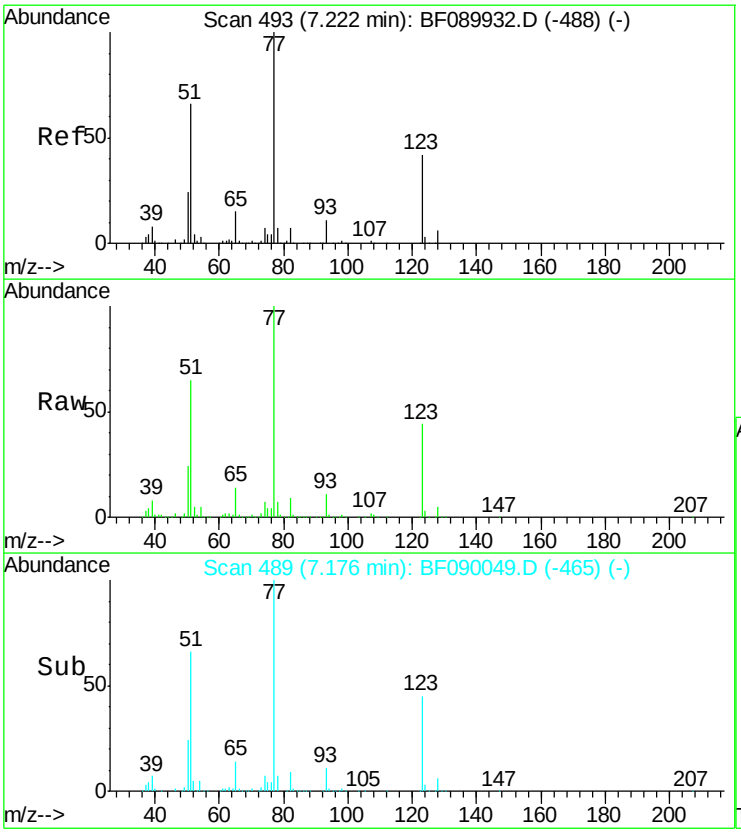

#23
Nitrobenzene-d5
Concen: 79.17 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 967021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.2 | 37.8 | 56.8 |
| 54 | 57.4 | 46.9 | 70.3 |

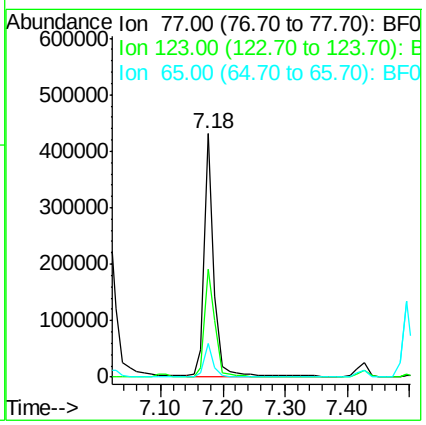


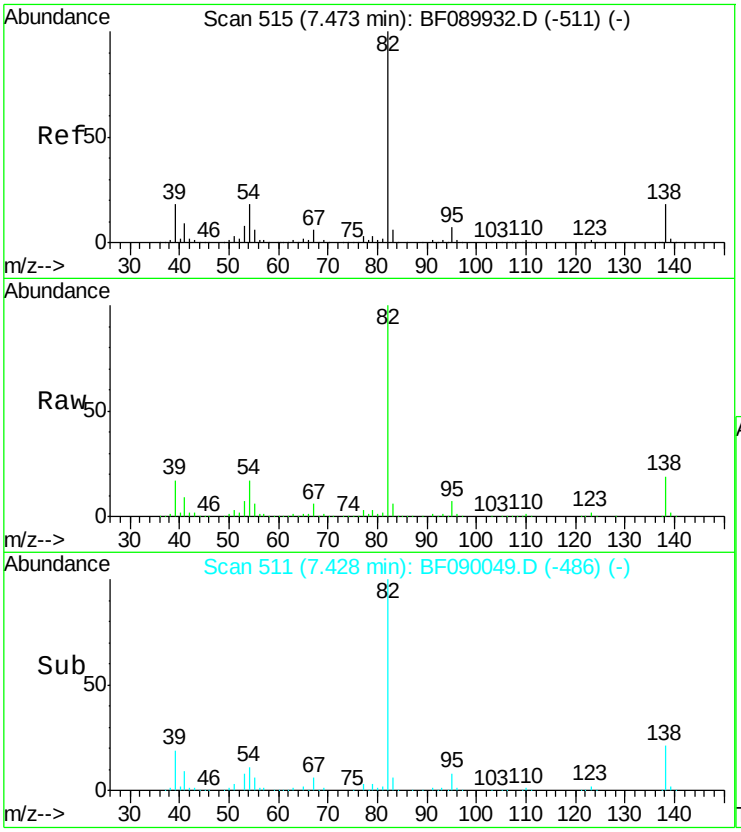




#24
Nitrobenzene
Concen: 35.25 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 77 Resp: 457759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.2 | 32.0 | 48.0 |
| 65 | 14.1 | 11.2 | 16.8 |



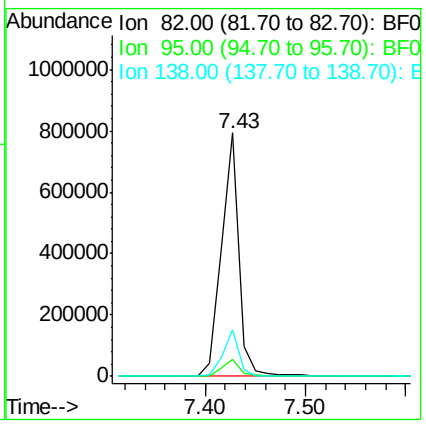


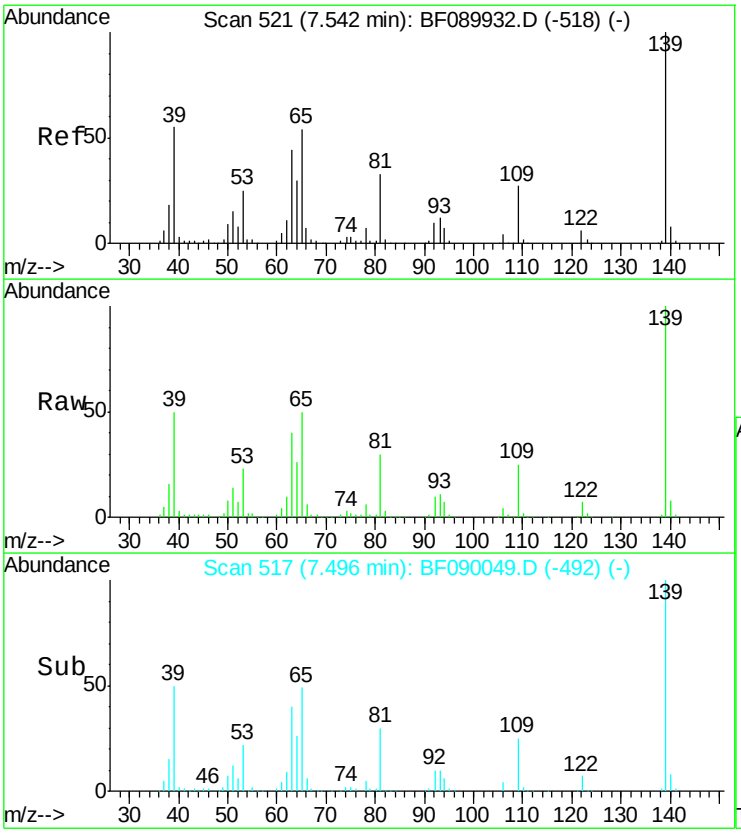

#25
Isophorone
Concen: 37.93 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 942037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 19.1 | 14.4 | 21.6 |

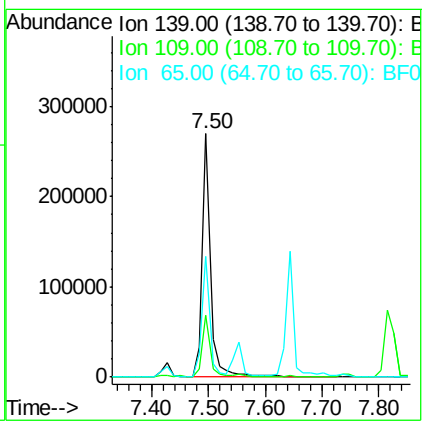


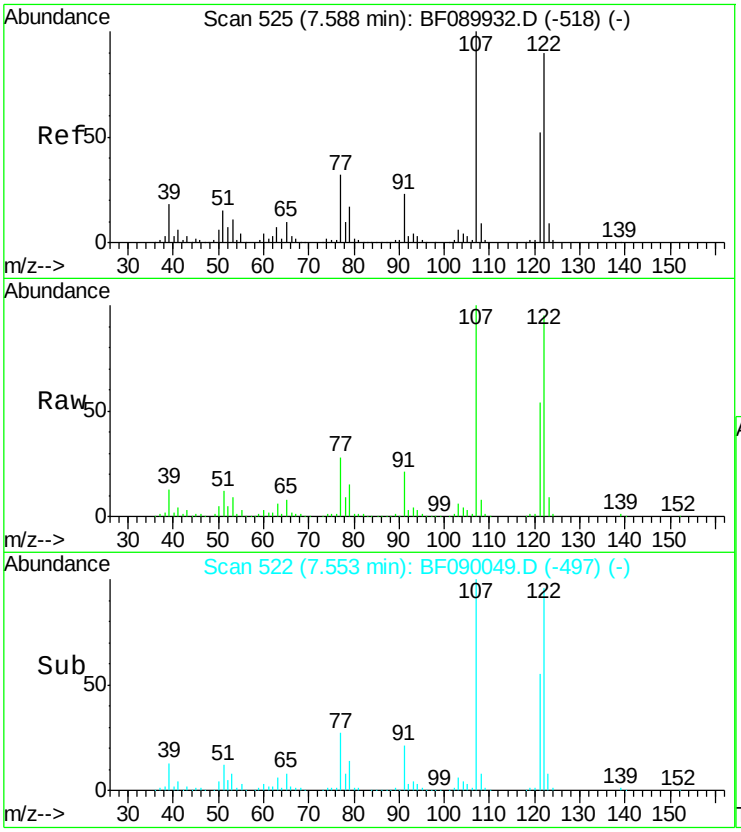




#26
2-Nitrophenol
Concen: 42.97 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:139 Resp: 266706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.3 | 21.0 | 31.4 |
| 65 | 49.5 | 43.4 | 65.0 |



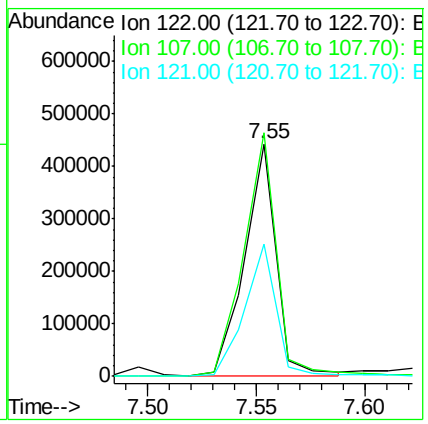


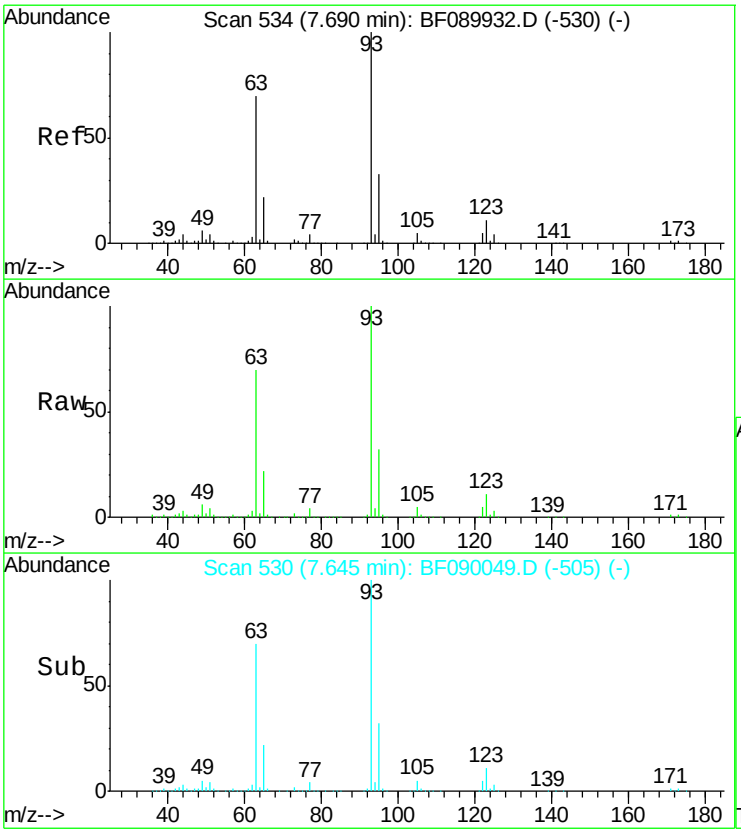

#27
2,4-Dimethylphenol
Concen: 38.79 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 445386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 104.8 | 88.5 | 132.7 |
| 121 | 57.1 | 46.0 | 69.0 |

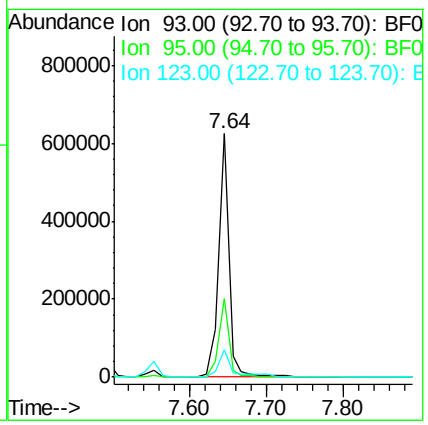


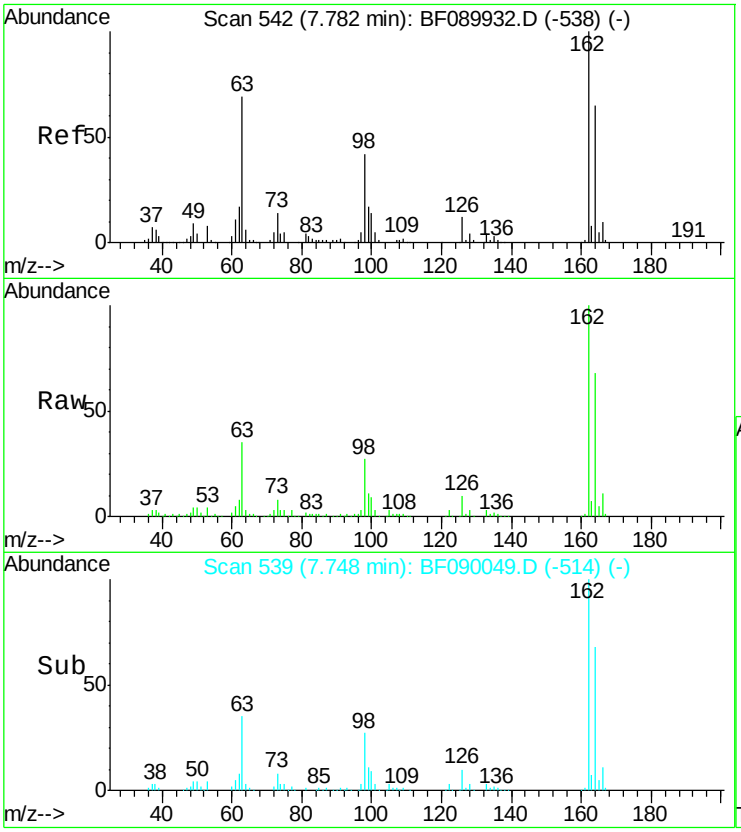




#28
bis(2-Chloroethoxy)methane
Concen: 39.07 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 93 Resp: 585223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.6 | 40.0 |
| 123 | 11.4 | 9.1 | 13.7 |



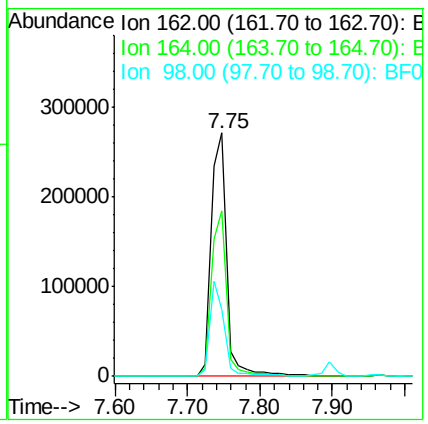


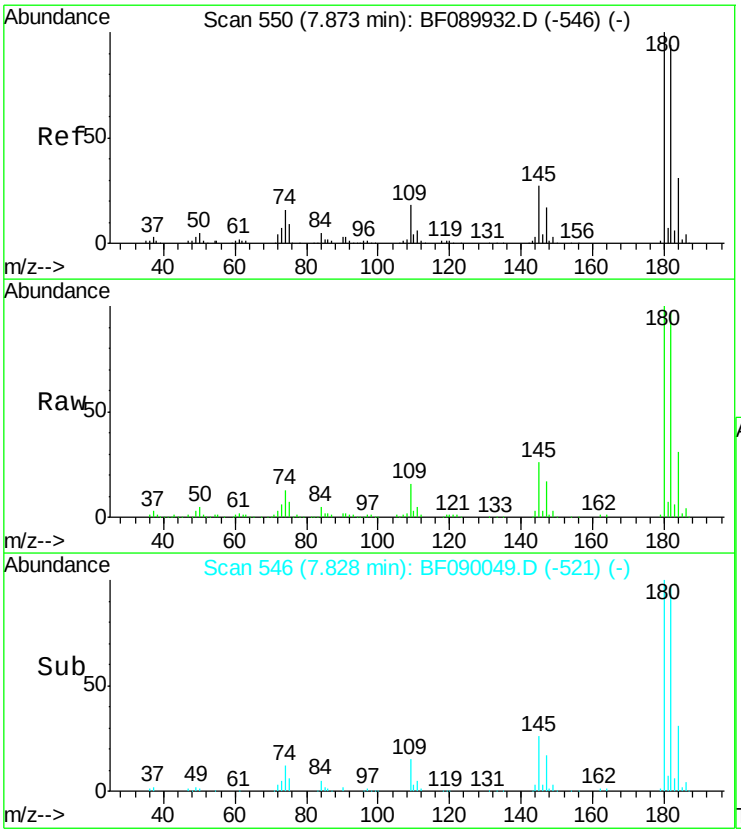

#29
2,4-Dichlorophenol
Concen: 39.32 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 404763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 68.2 | 46.6 | 86.6 |
| 98 | 27.3 | 22.0 | 62.0 |

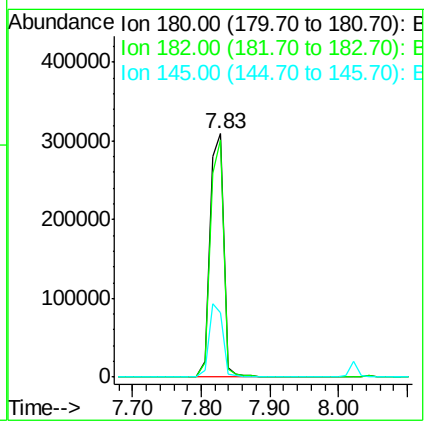


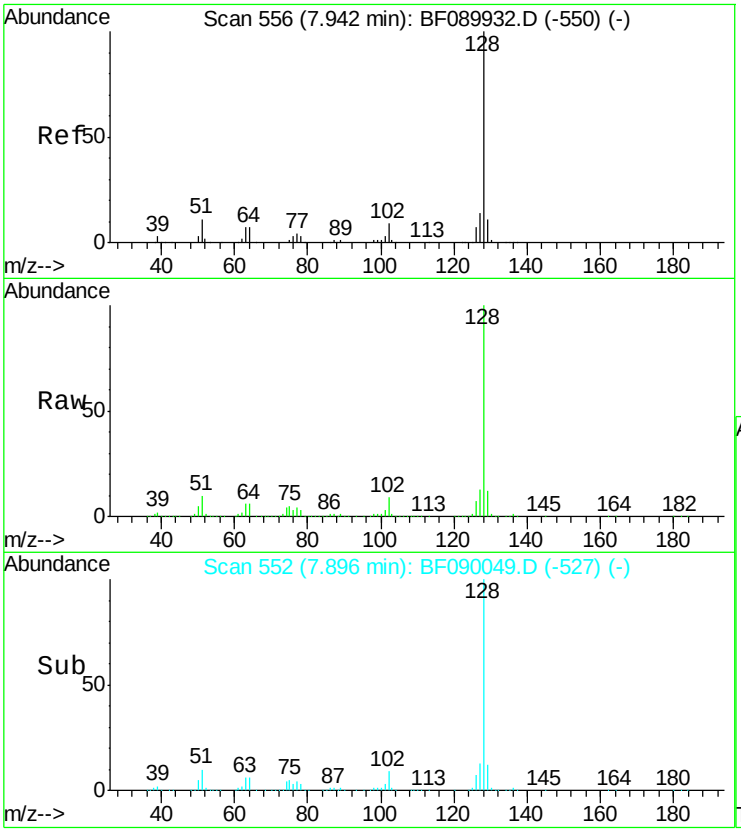




#30
1,2,4-Trichlorobenzene
Concen: 38.77 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:180 Resp: 436312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 76.2 | 114.2 |
| 145 | 26.5 | 22.2 | 33.4 |



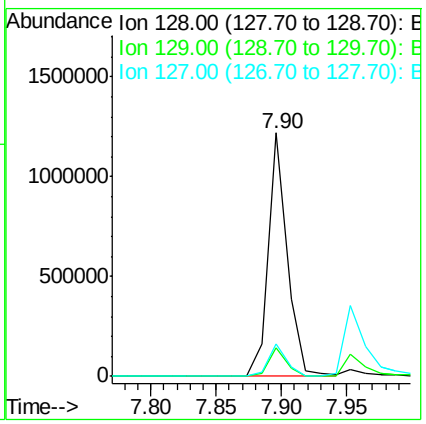


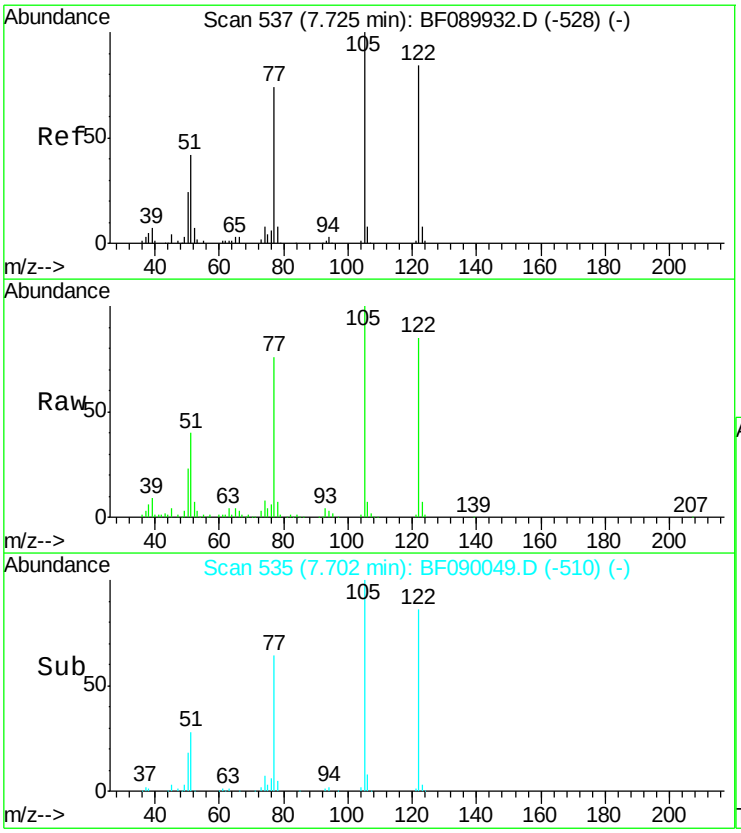

#31
Naphthalene
Concen: 35.46 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 1251481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.4 | 14.0 |
| 127 | 13.4 | 10.7 | 16.1 |

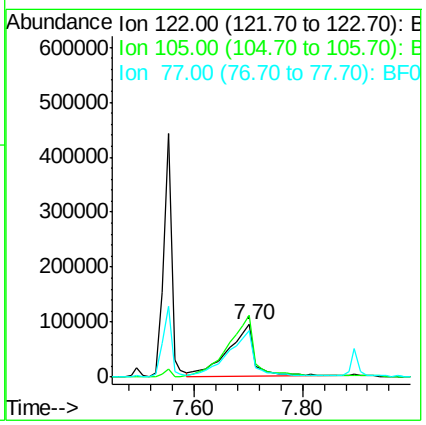


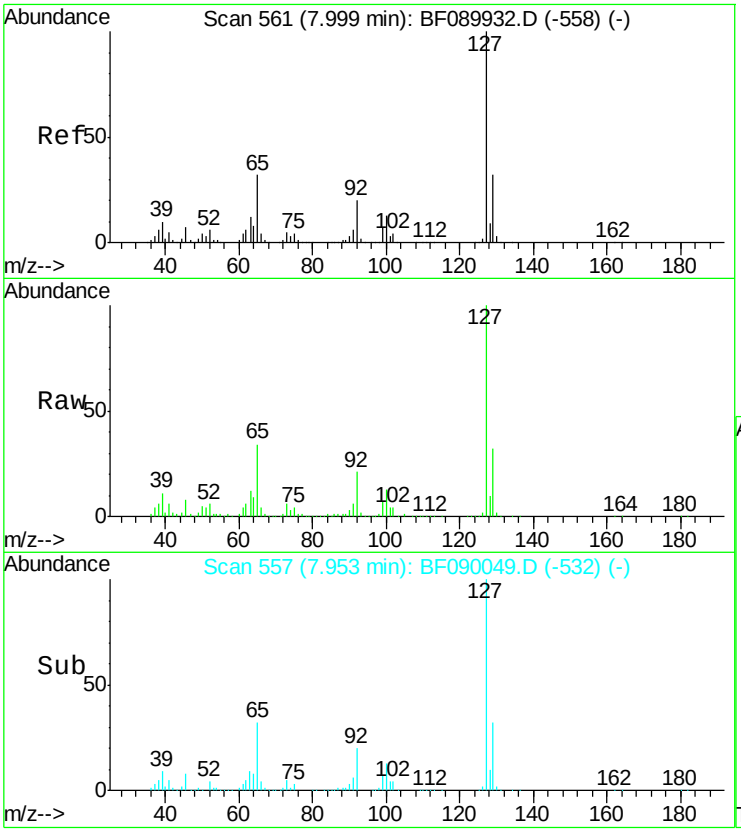




#32
Benzoic acid
Concen: 42.02 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:122 Resp: 324980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 117.8 | 102.2 | 142.2 |
| 77 | 89.3 | 74.1 | 114.1 |



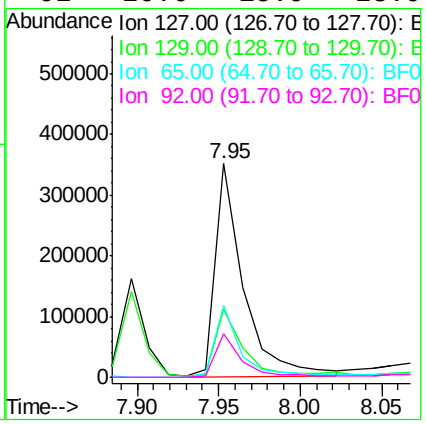


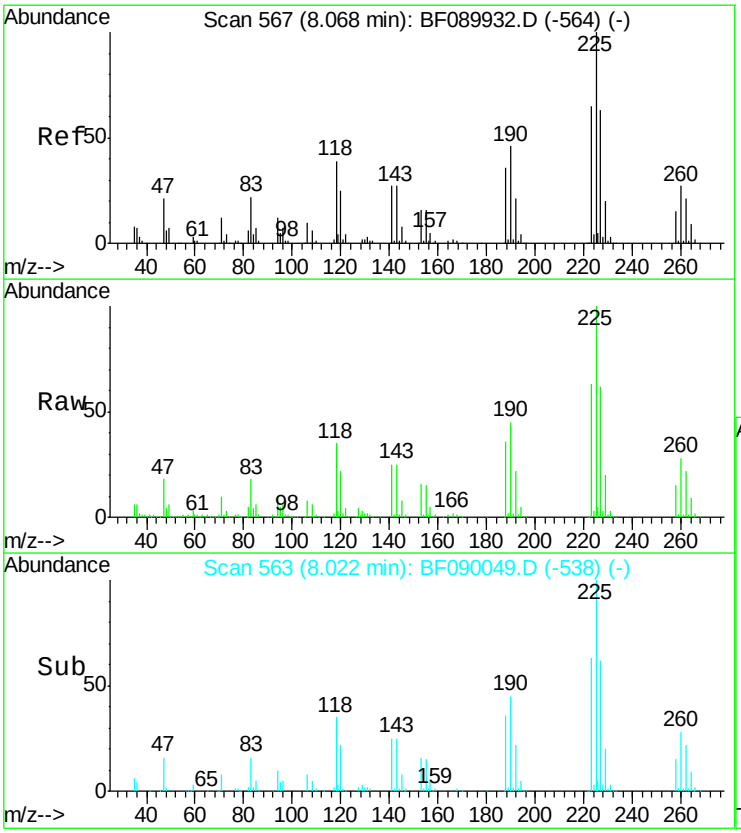

#33
4-Chloroaniline
Concen: 29.61 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 421570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.7 | 25.9 | 38.9 |
| 65 | 33.5 | 26.0 | 39.0 |
| 92 | 20.6 | 15.9 | 23.9 |

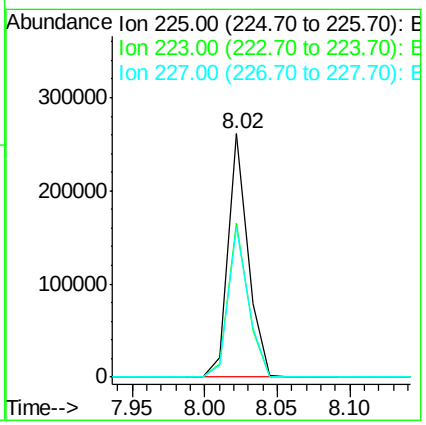


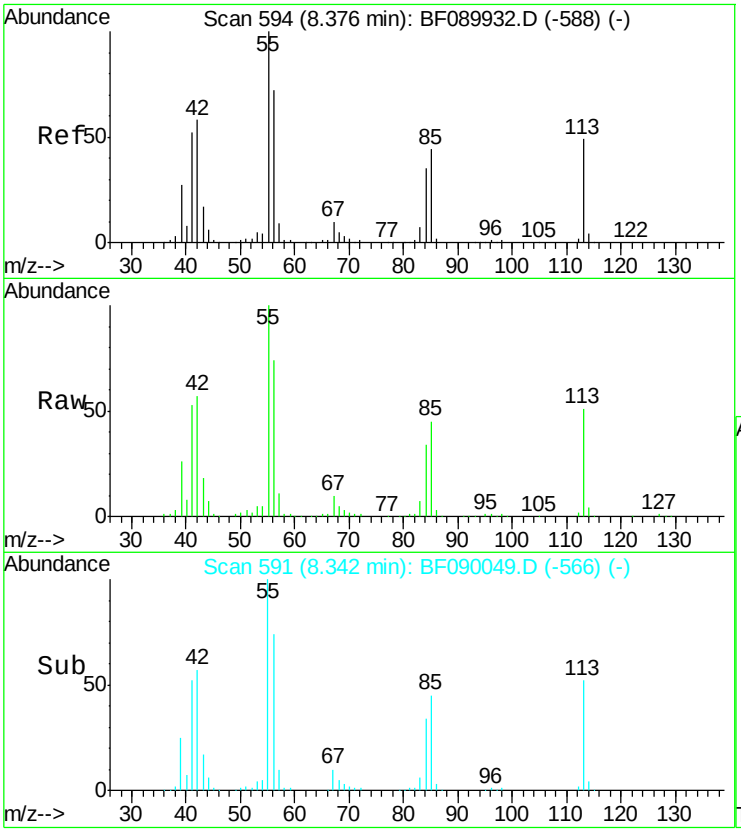




#34
Hexachlorobutadiene
Concen: 37.70 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:225 Resp: 248645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 52.6 | 78.8 |
| 227 | 61.9 | 50.8 | 76.2 |



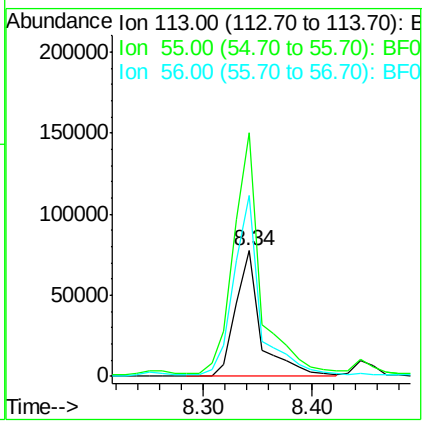


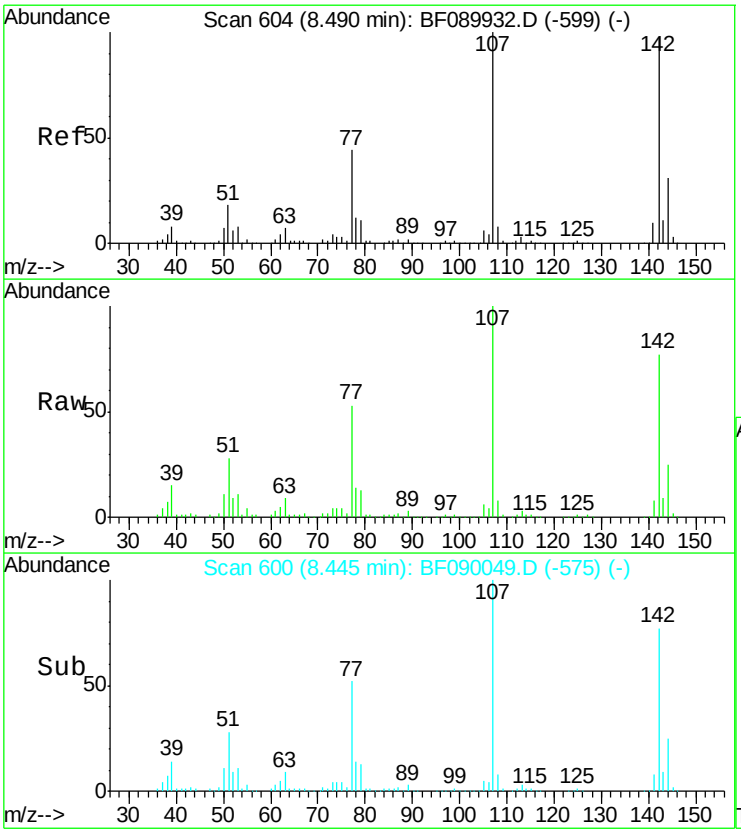

#35
Caprolactam
Concen: 38.17 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 124009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 194.4 | 178.5 | 218.5 |
| 56 | 144.0 | 122.7 | 162.7 |

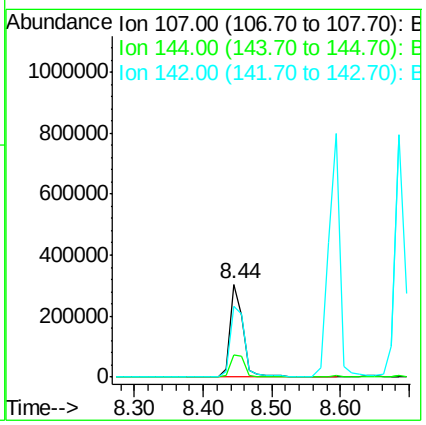


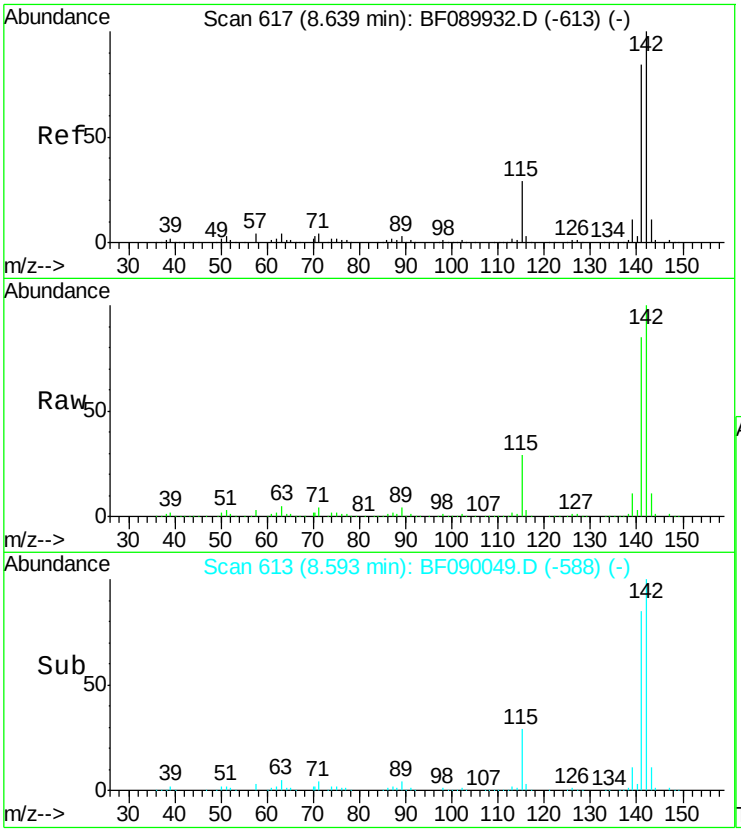




#36
4-Chloro-3-methylphenol
Concen: 37.59 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:107 Resp: 409785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 25.8 | 38.8# |
| 142 | 77.2 | 79.2 | 118.8# |



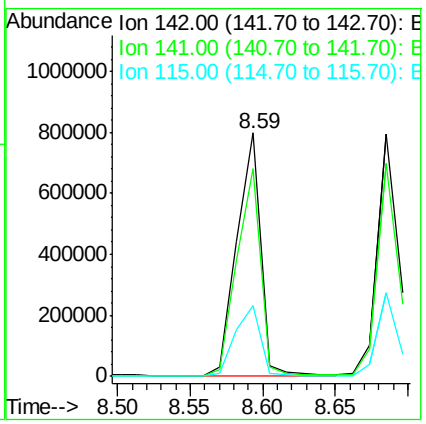


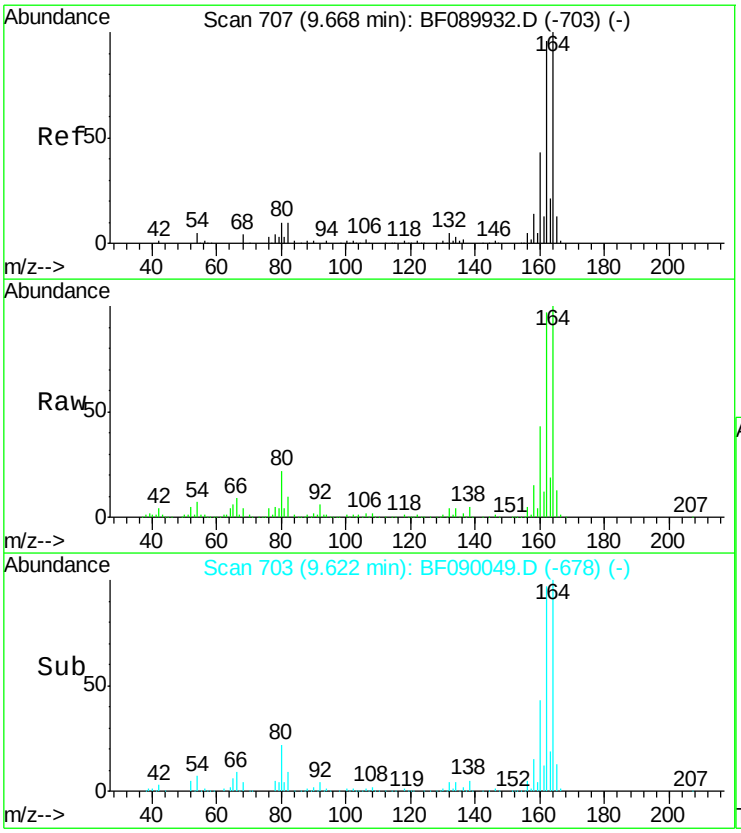

#37
2-Methylnaphthalene
Concen: 39.29 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 916122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.3 | 68.3 | 102.5 |
| 115 | 29.2 | 23.8 | 35.8 |

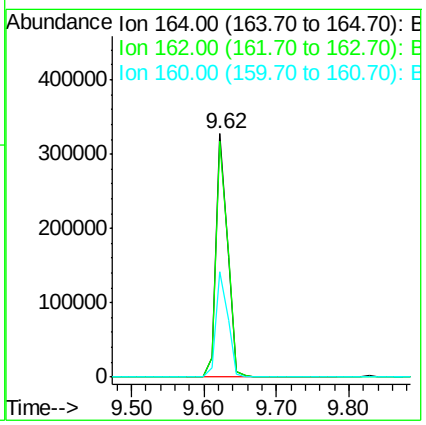


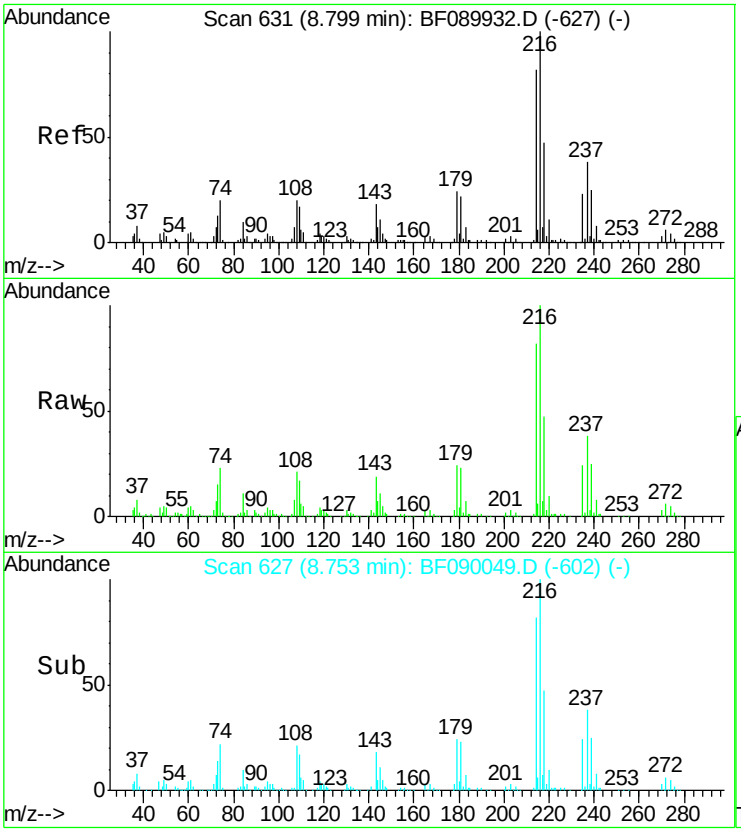




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:164 Resp: 363344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.7 | 77.1 | 115.7 |
| 160 | 43.1 | 35.3 | 52.9 |



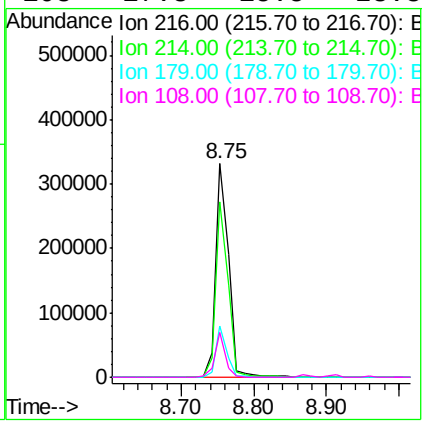


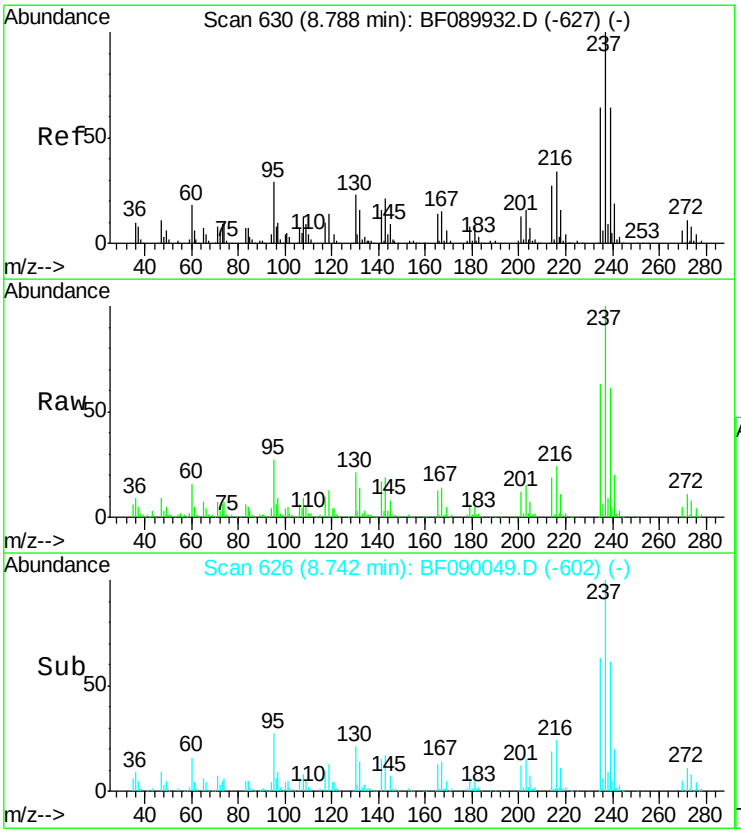

#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.96 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:216 Resp: 404030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 63.4 | 95.2 |
| 179 | 21.0 | 17.3 | 25.9 |
| 108 | 17.8 | 15.5 | 23.3 |

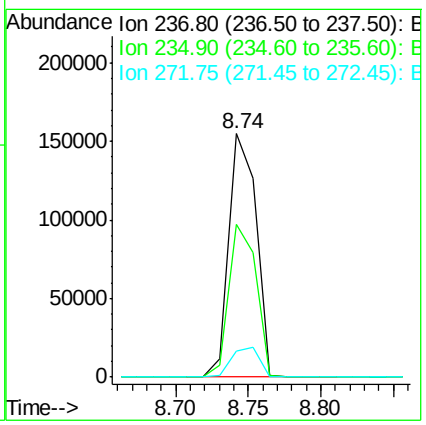


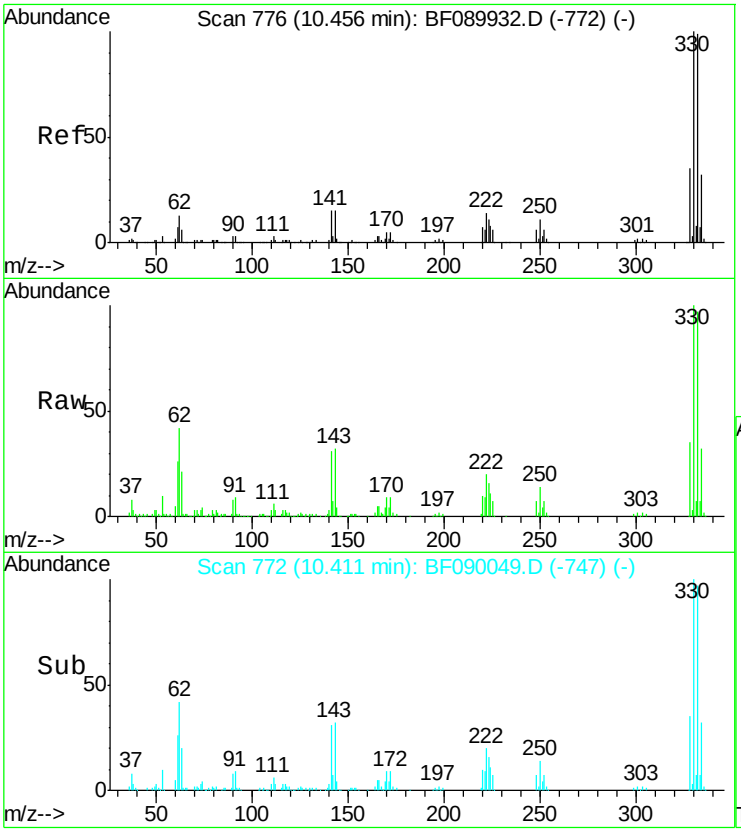




#40
Hexachlorocyclopentadiene
Concen: 37.06 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:237 Resp: 202287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 39.6 | 79.6 |
| 272 | 10.8 | 0.0 | 34.6 |



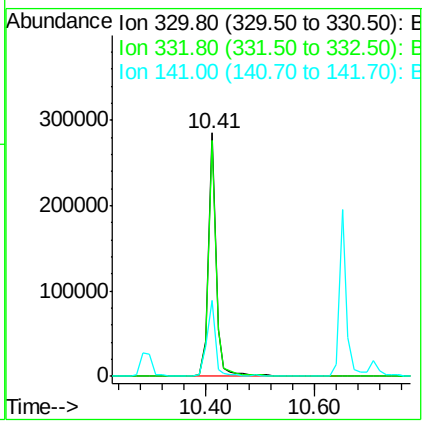


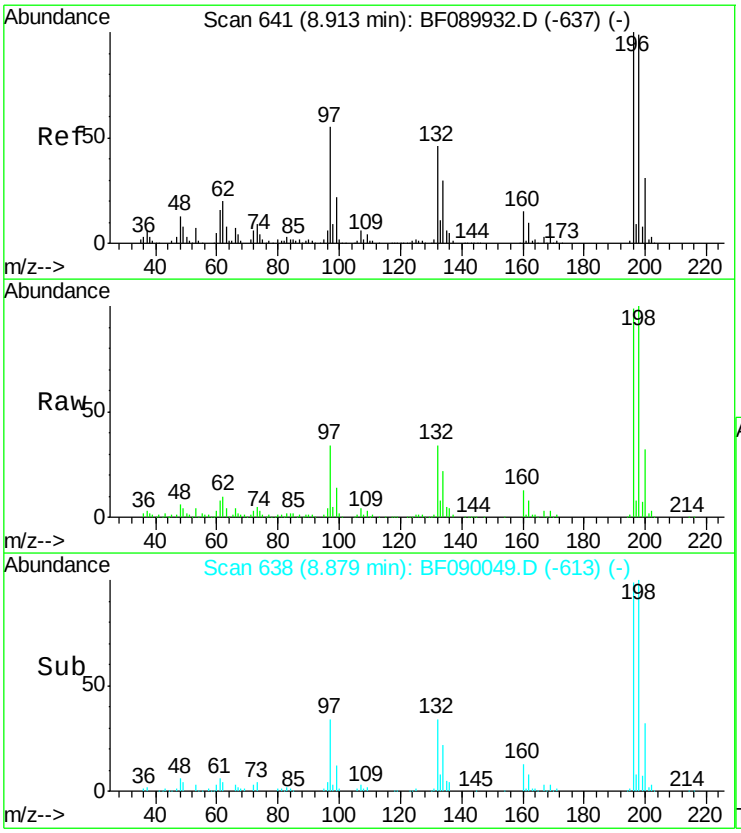

#41
2,4,6-Tribromophenol
Concen: 79.97 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:330 Resp: 286667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 78.6 | 117.8 |
| 141 | 33.1 | 23.3 | 34.9 |

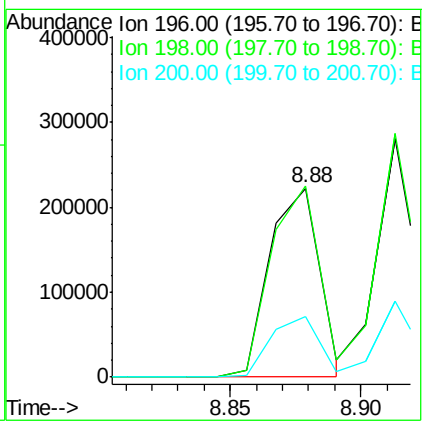


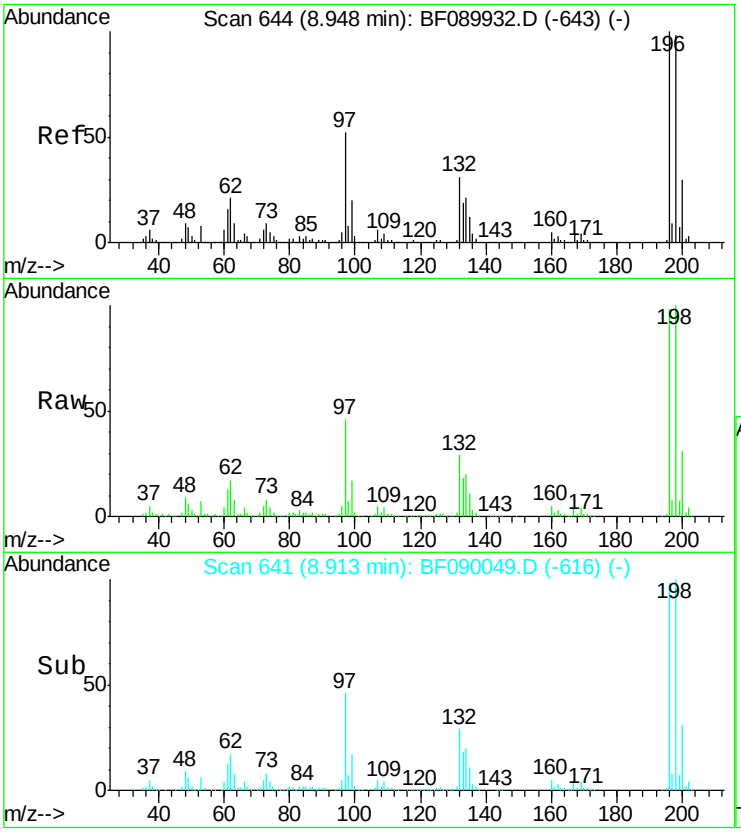




#42
2,4,6-Trichlorophenol
Concen: 40.16 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:196 Resp: 296257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.0 | 78.3 | 117.5 |
| 200 | 32.2 | 24.8 | 37.2 |



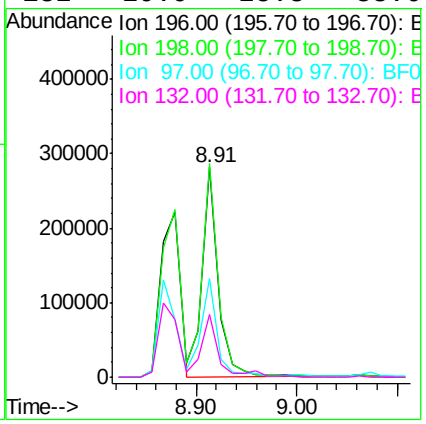


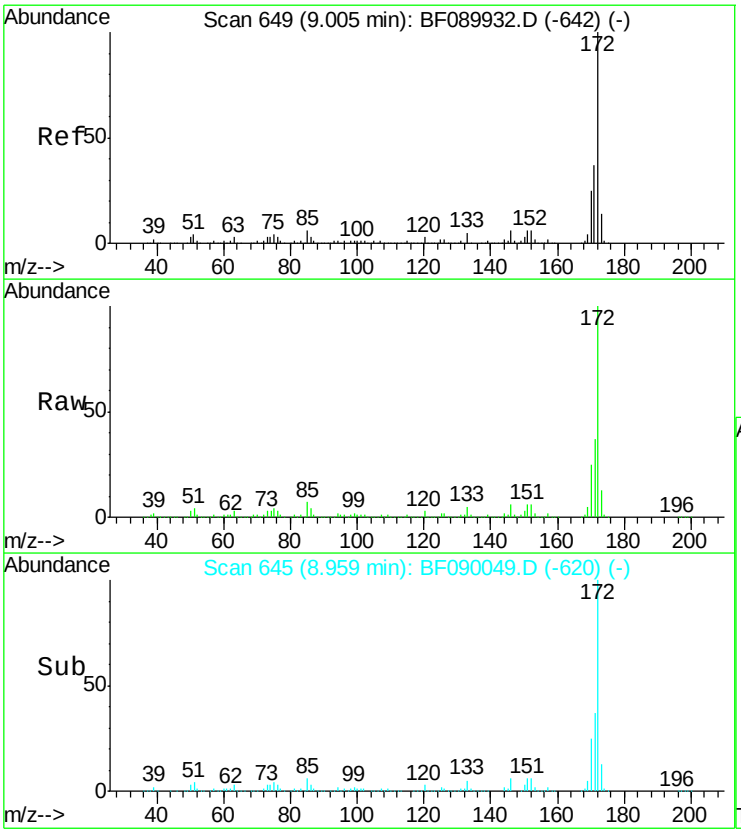

#43
2,4,5-Trichlorophenol
Concen: 44.19 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 313442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.8 | 80.8 | 121.2 |
| 97 | 47.3 | 44.2 | 66.4 |
| 132 | 29.9 | 25.8 | 38.6 |

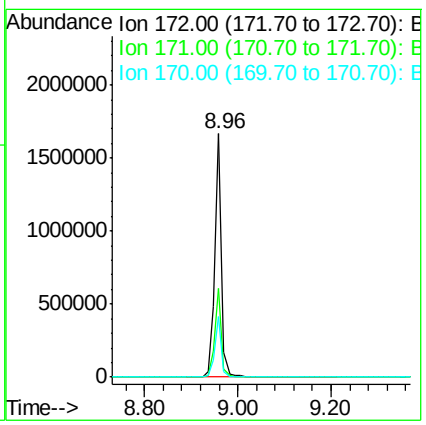


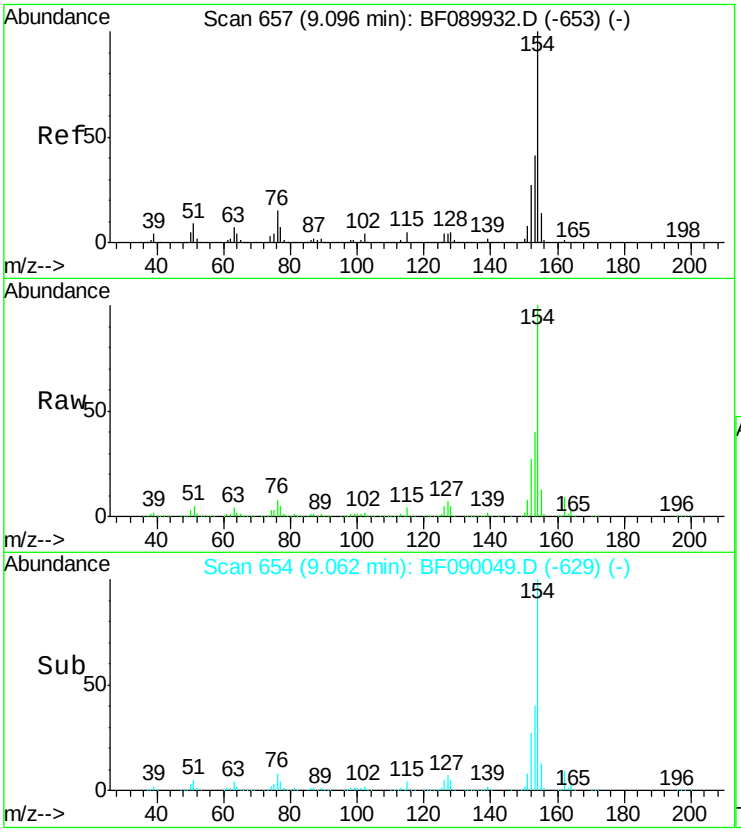




#44
2-Fluorobiphenyl
Concen: 75.53 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:172 Resp: 1671910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.4 | 44.2 |
| 170 | 24.8 | 20.1 | 30.1 |



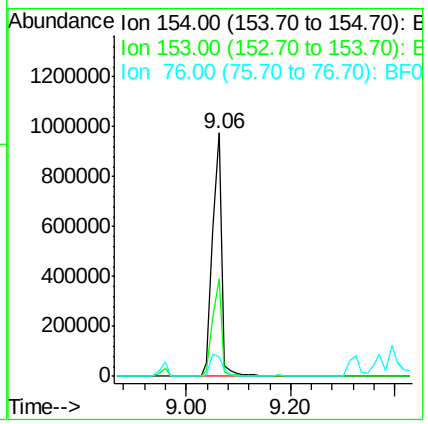


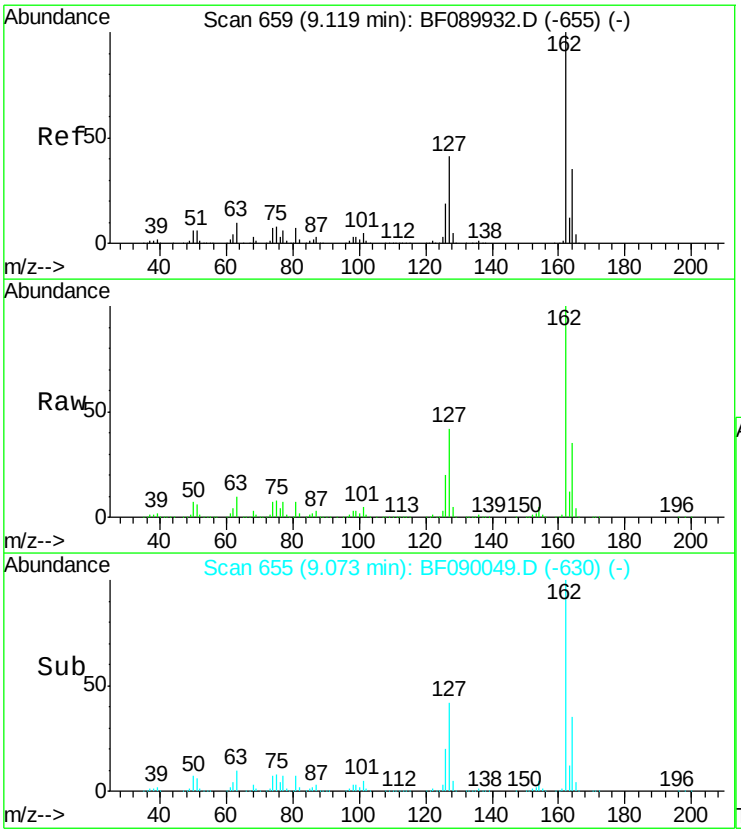

#45
1,1'-Biphenyl
Concen: 40.64 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:154 Resp: 1188813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.6 | 60.6 |
| 76 | 8.3 | 0.0 | 34.9 |

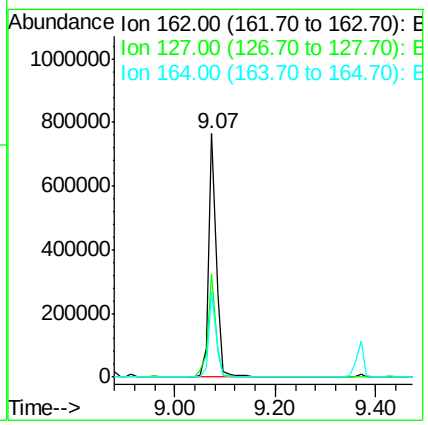


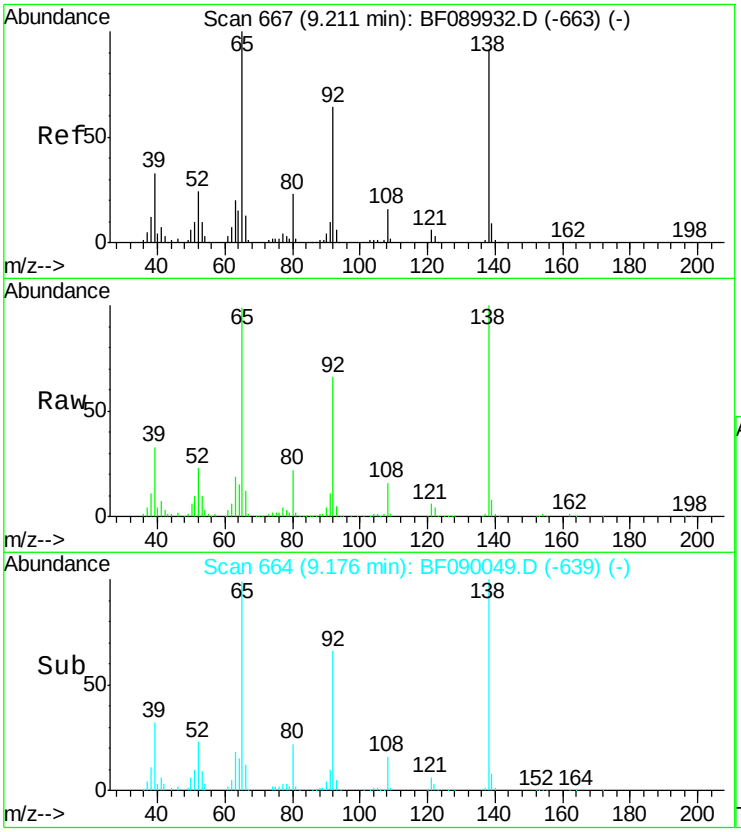




#46
2-Chloronaphthalene
Concen: 39.01 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:162 Resp: 807244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.3 | 33.5 | 50.3 |
| 164 | 35.0 | 28.2 | 42.4 |



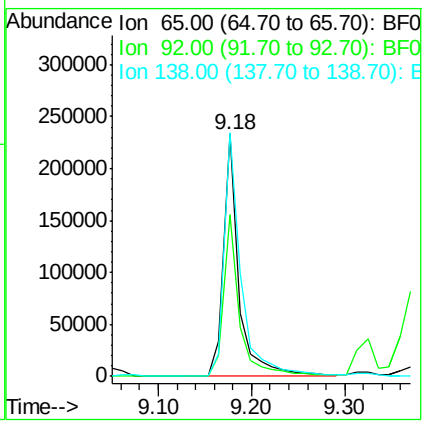


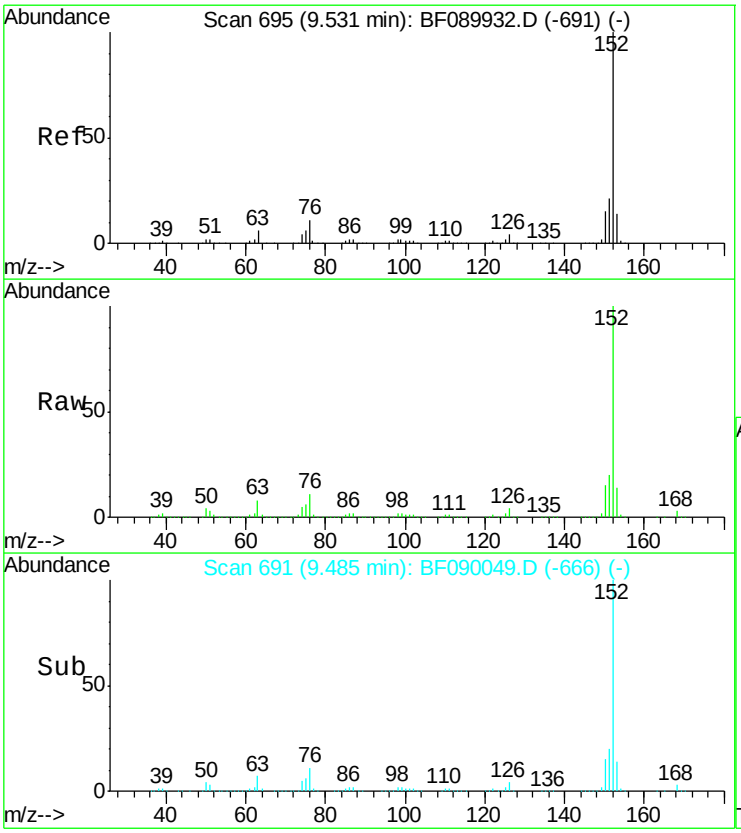

#47
2-Nitroaniline
Concen: 39.44 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 65 Resp: 266786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.6 | 52.0 | 78.0 |
| 138 | 100.7 | 72.1 | 108.1 |

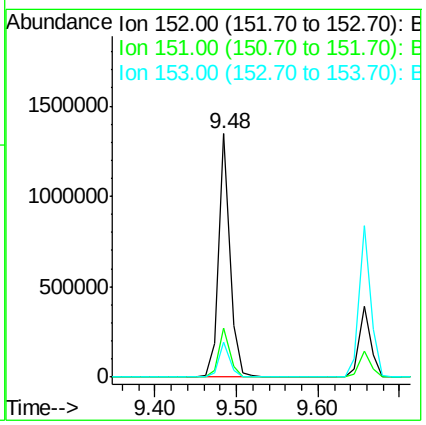


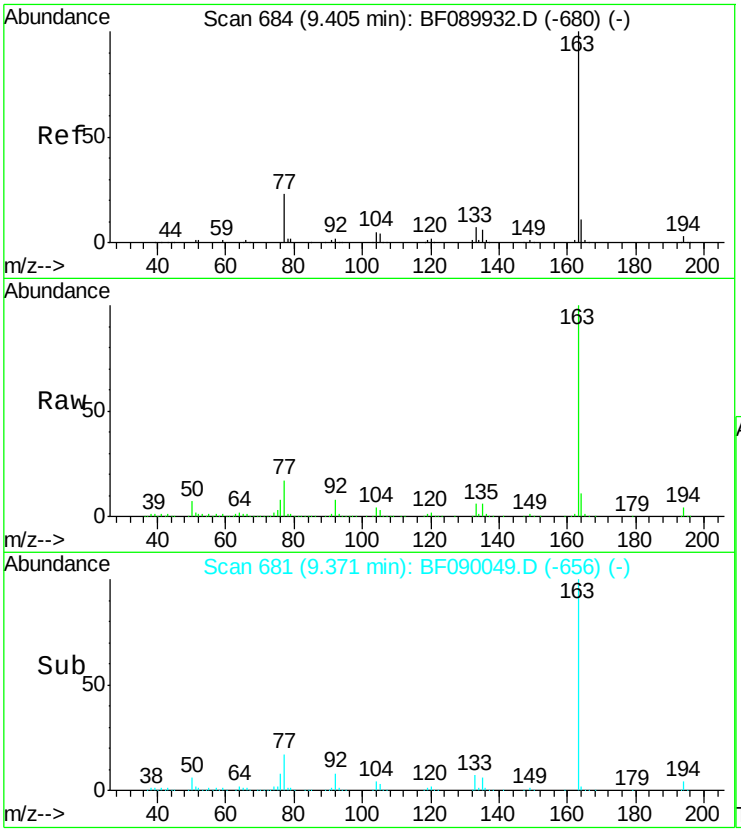




#48
Acenaphthylene
Concen: 37.78 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:152 Resp: 1292616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.7 | 25.1 |
| 153 | 14.2 | 11.6 | 17.4 |



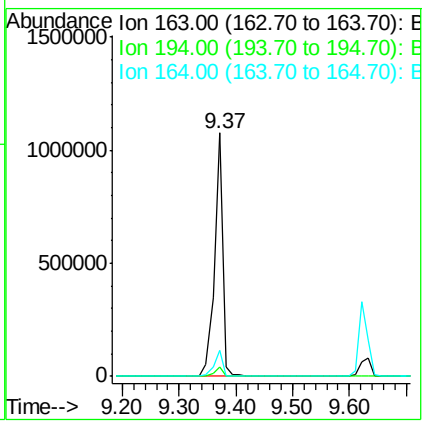


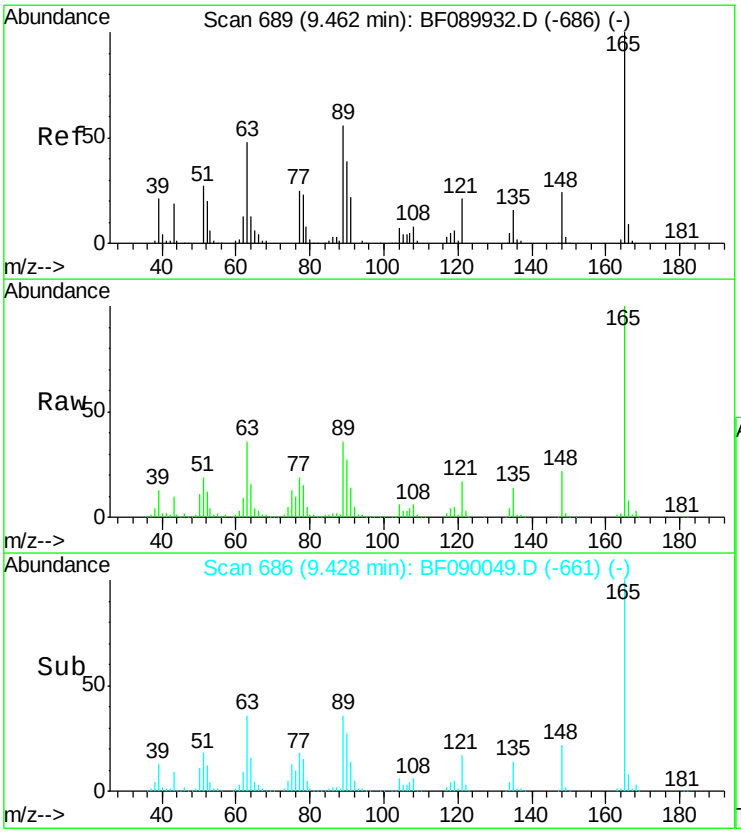

#49
Dimethylphthalate
Concen: 40.34 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:163 Resp: 1059333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.7 | 4.1 |
| 164 | 10.7 | 9.0 | 13.4 |

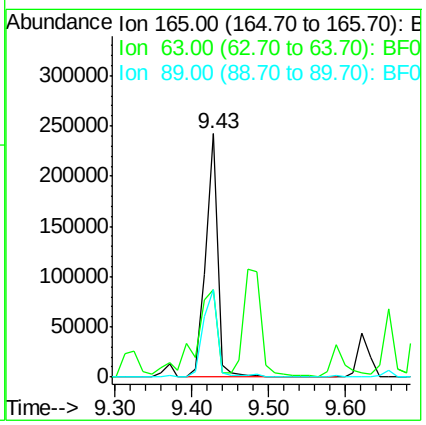


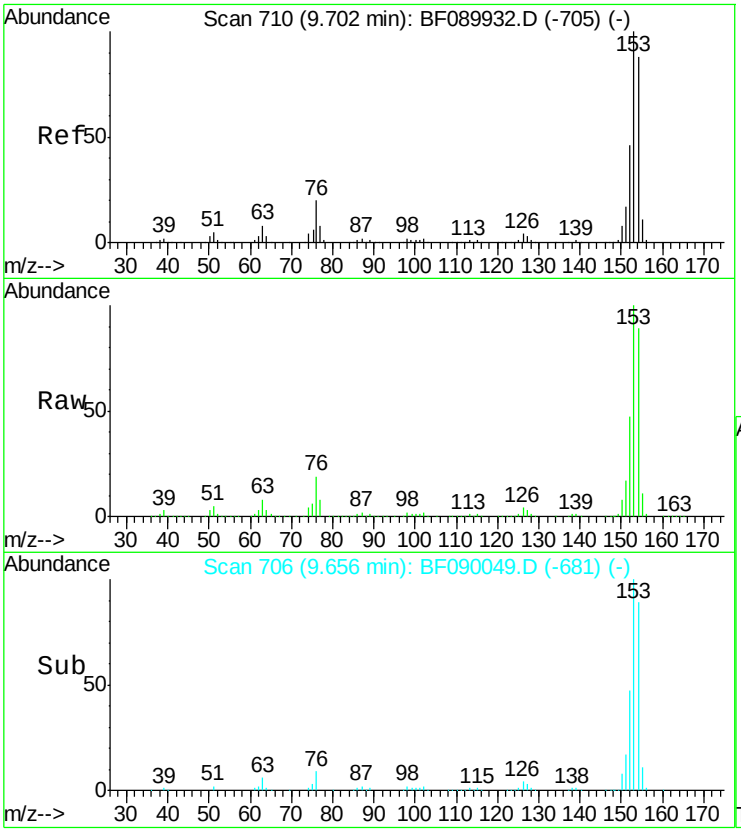




#50
2,6-Dinitrotoluene
Concen: 44.37 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:165 Resp: 259158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.8 | 45.0 | 67.4# |
| 89 | 35.9 | 41.5 | 62.3# |



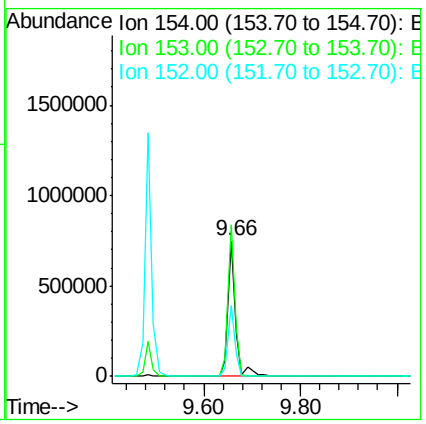


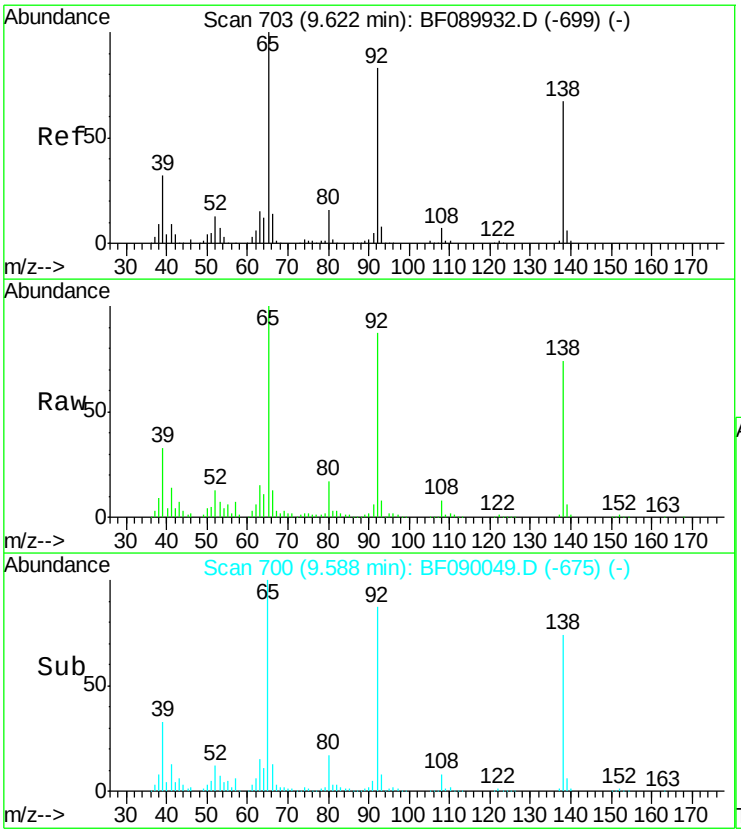

#51
Acenaphthene
Concen: 38.21 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:154 Resp: 828436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.6 | 135.8 |
| 152 | 52.1 | 42.4 | 63.6 |

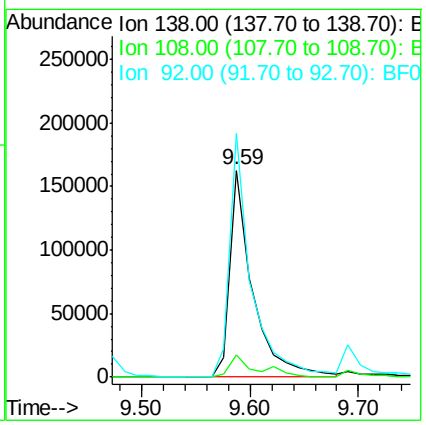


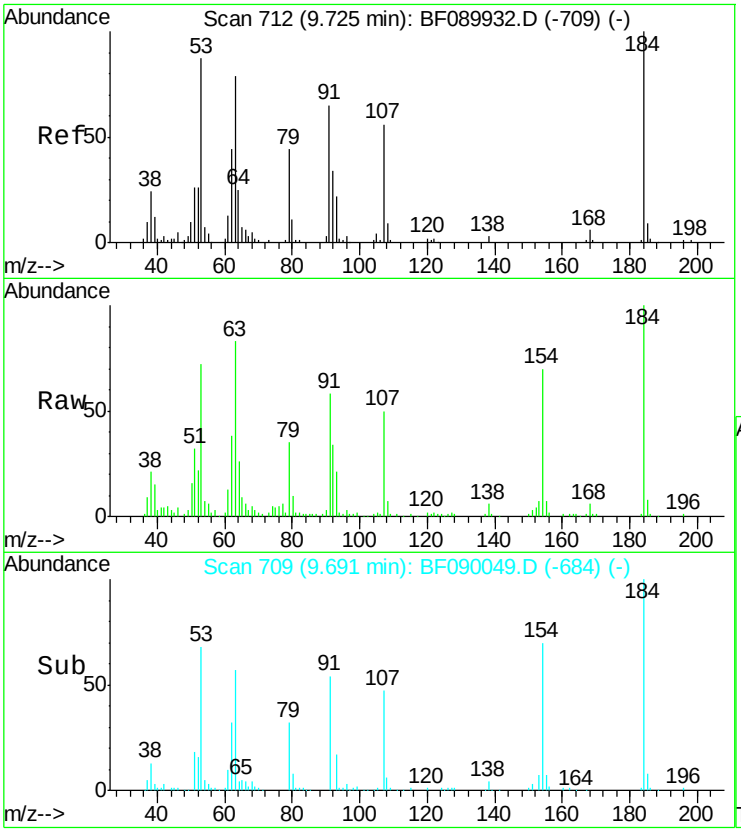




#52
3-Nitroaniline
Concen: 35.06 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:138 Resp: 233541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 8.3 | 12.5 |
| 92 | 117.9 | 99.1 | 148.7 |



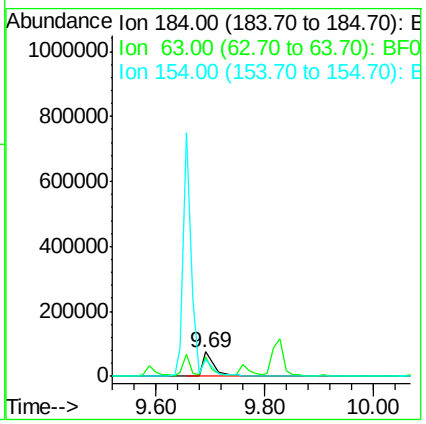


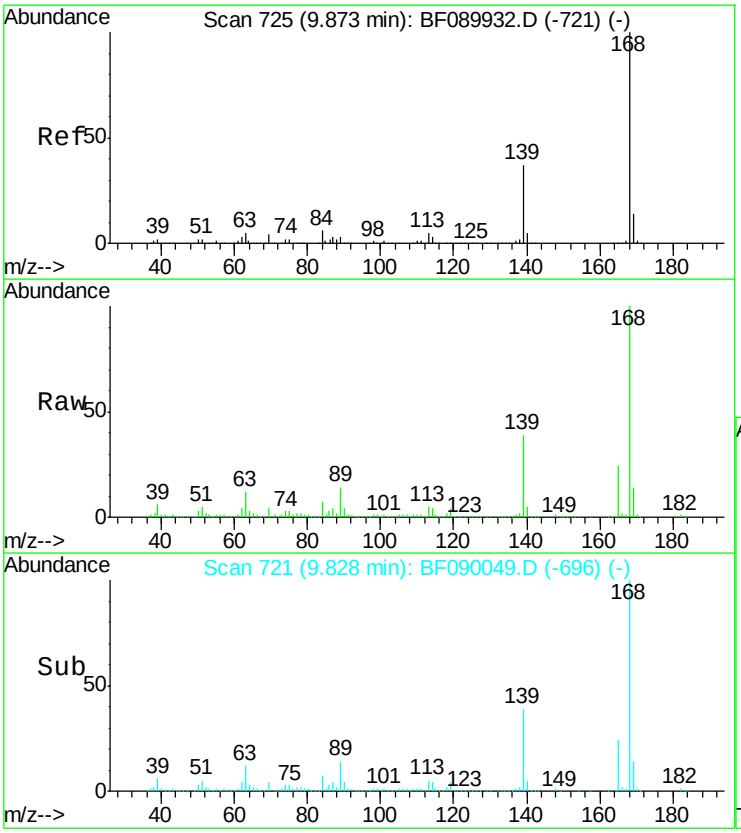

#53
2,4-Dinitrophenol
Concen: 40.07 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 115535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 82.5 | 73.9 | 110.9 |
| 154 | 70.4 | 53.5 | 80.3 |

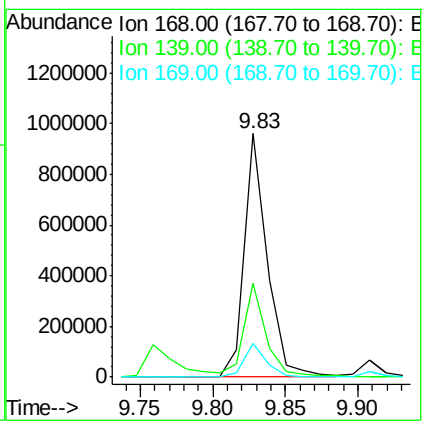


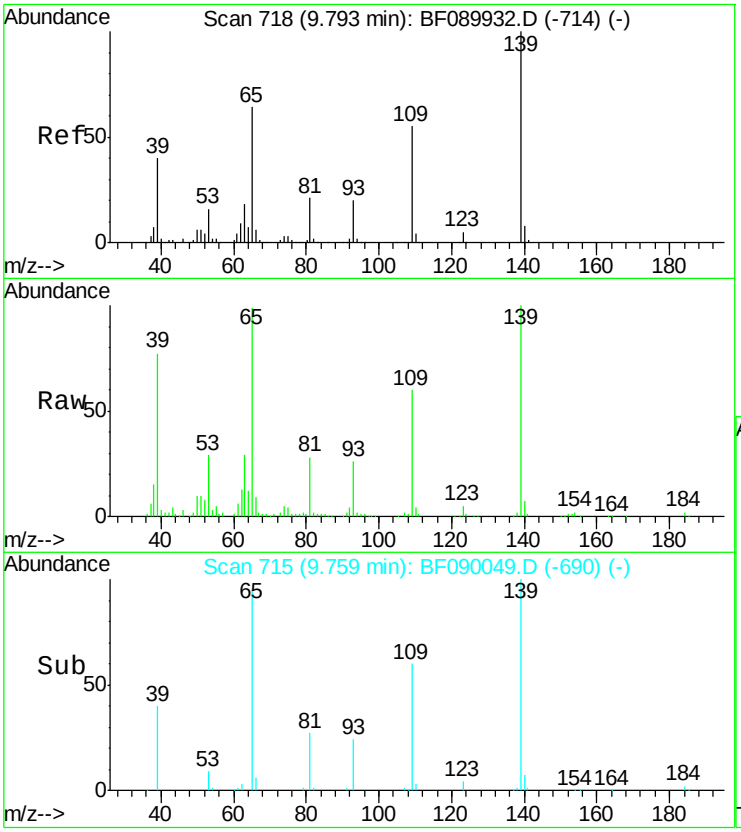




#54
Dibenzofuran
Concen: 36.47 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:168 Resp: 1059709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.6 | 29.5 | 44.3 |
| 169 | 13.9 | 10.8 | 16.2 |



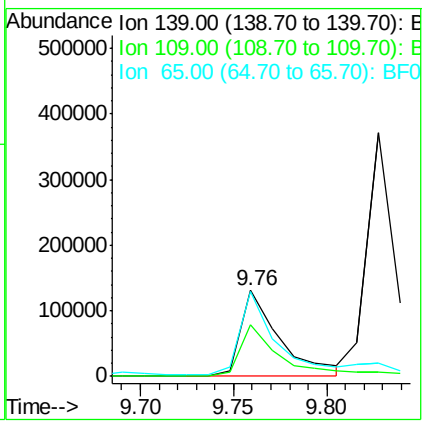


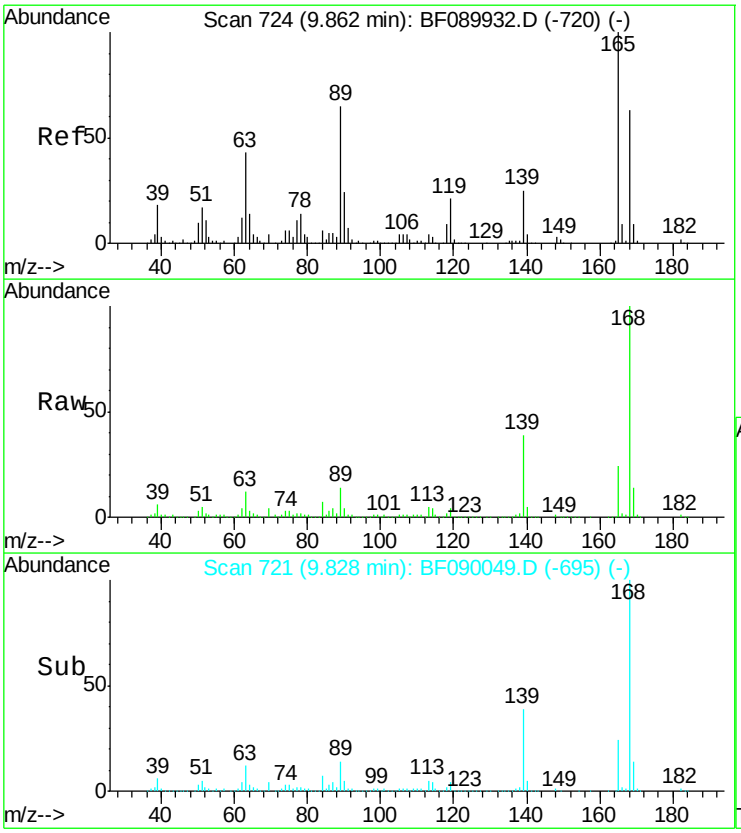

#55
4-Nitrophenol
Concen: 37.95 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:139 Resp: 190685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 60.3 | 31.3 | 71.3 |
| 65 | 99.0 | 38.5 | 78.5# |

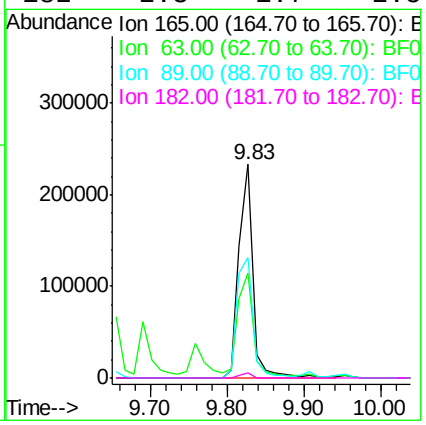


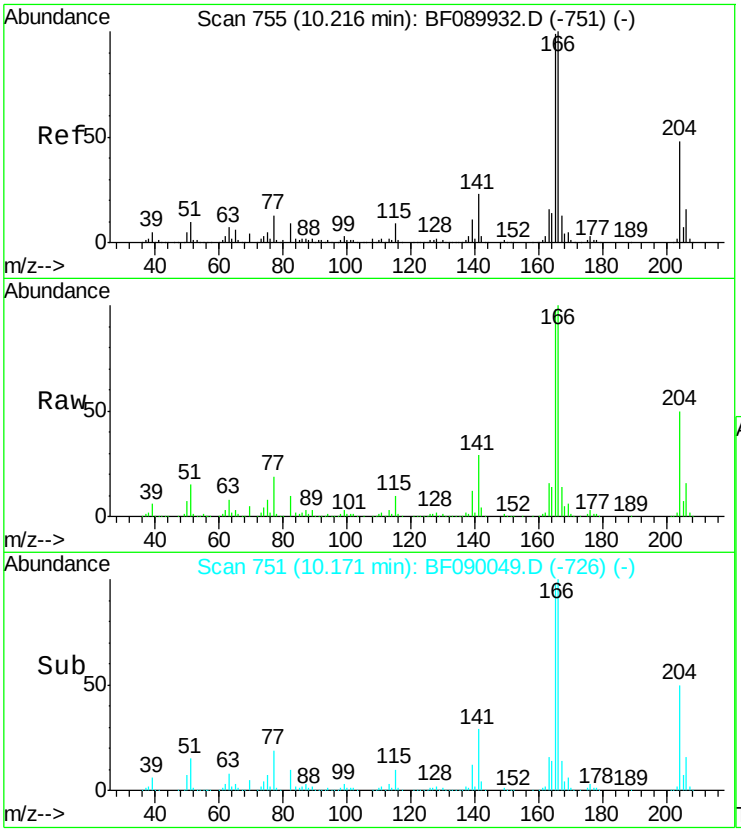




#56
2,4-Dinitrotoluene
Concen: 40.81 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:165 Resp: 302295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.1 | 32.5 | 48.7# |
| 89 | 56.1 | 48.3 | 72.5 |
| 182 | 2.3 | 1.7 | 2.5 |



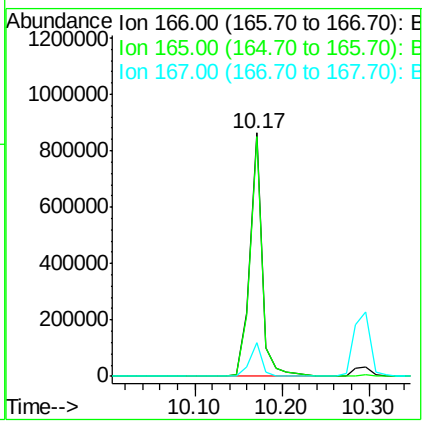


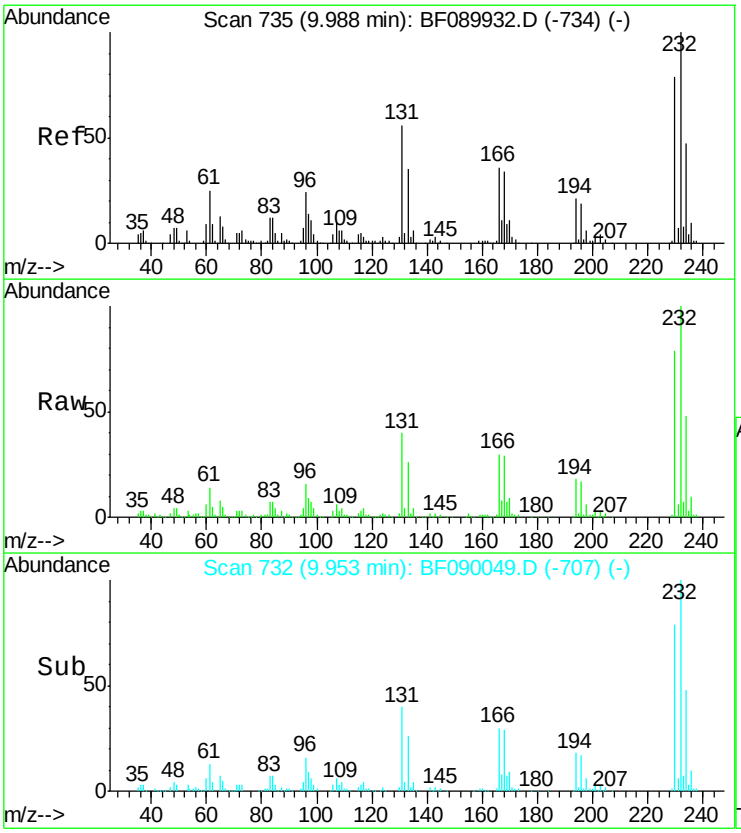

#57
Fluorene
Concen: 40.74 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:166 Resp: 864949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 78.6 | 118.0 |
| 167 | 13.6 | 10.6 | 15.8 |

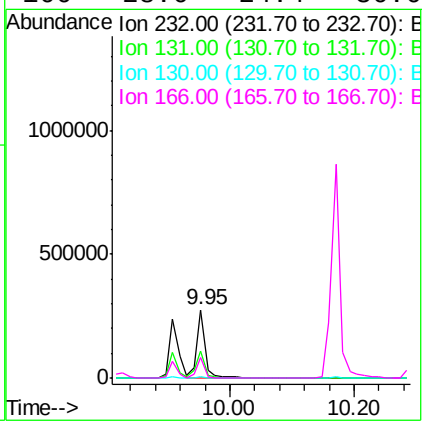


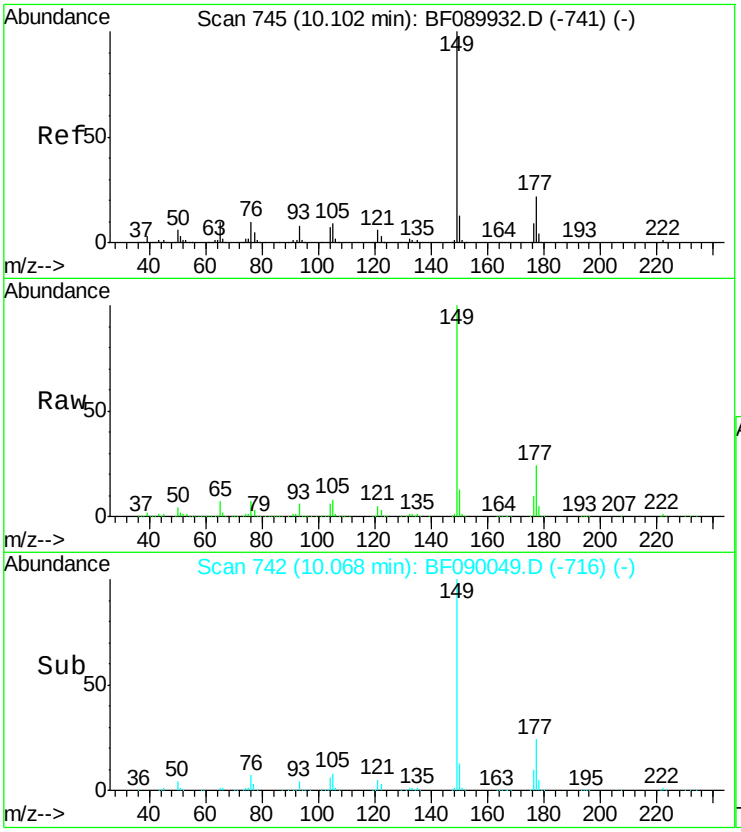




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.72 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:232 Resp: 265491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.1 | 36.3 | 54.5 |
| 130 | 2.0 | 1.7 | 2.5 |
| 166 | 28.6 | 24.4 | 36.6 |



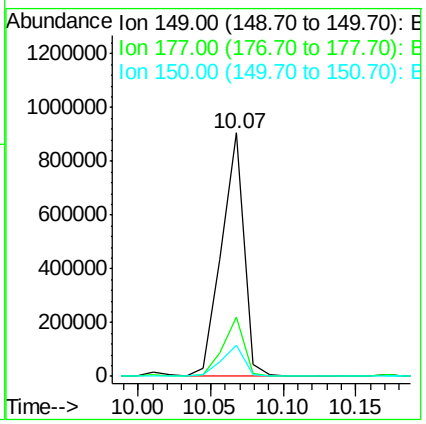


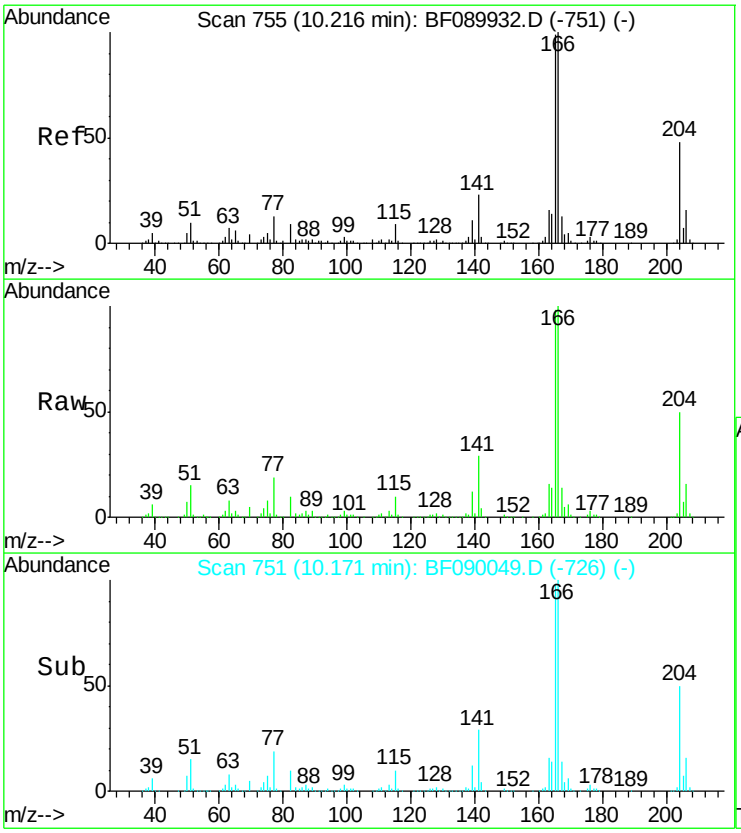

#59
Diethylphthalate
Concen: 39.49 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 975747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.1 | 17.7 | 26.5 |
| 150 | 12.7 | 10.2 | 15.2 |

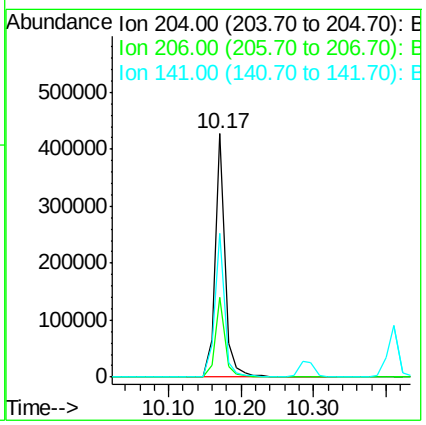


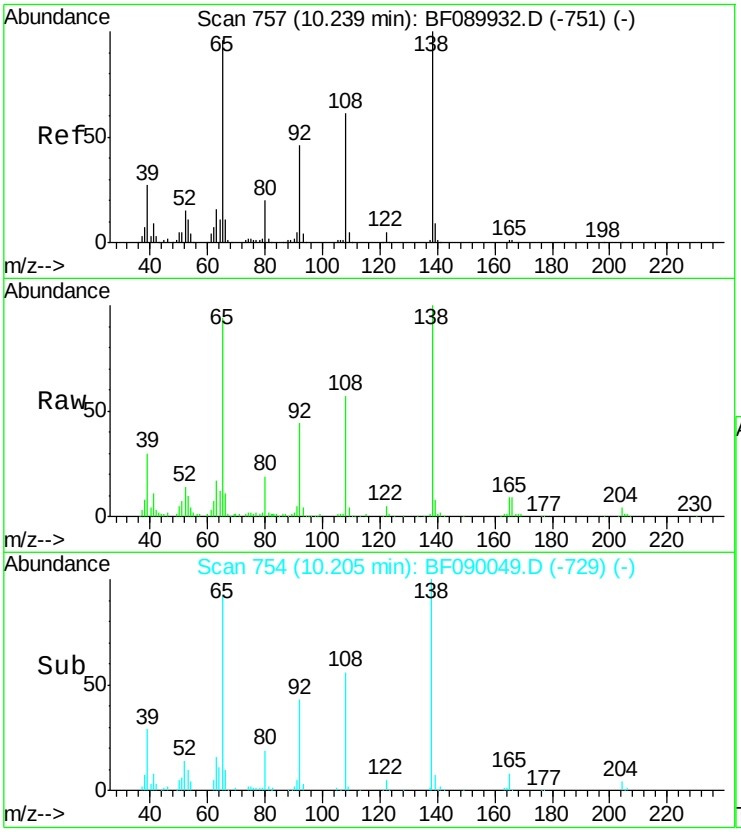




#60
4-Chlorophenyl-phenylether
Concen: 40.44 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:204 Resp: 404028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 26.6 | 40.0 |
| 141 | 58.8 | 36.5 | 54.7# |



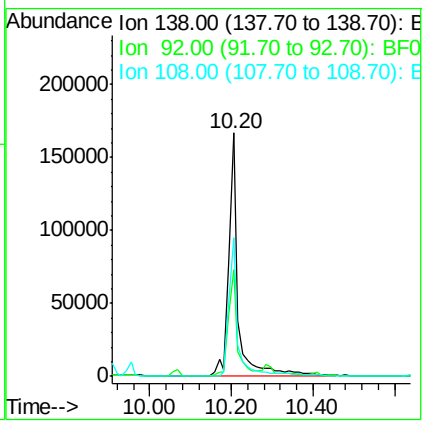


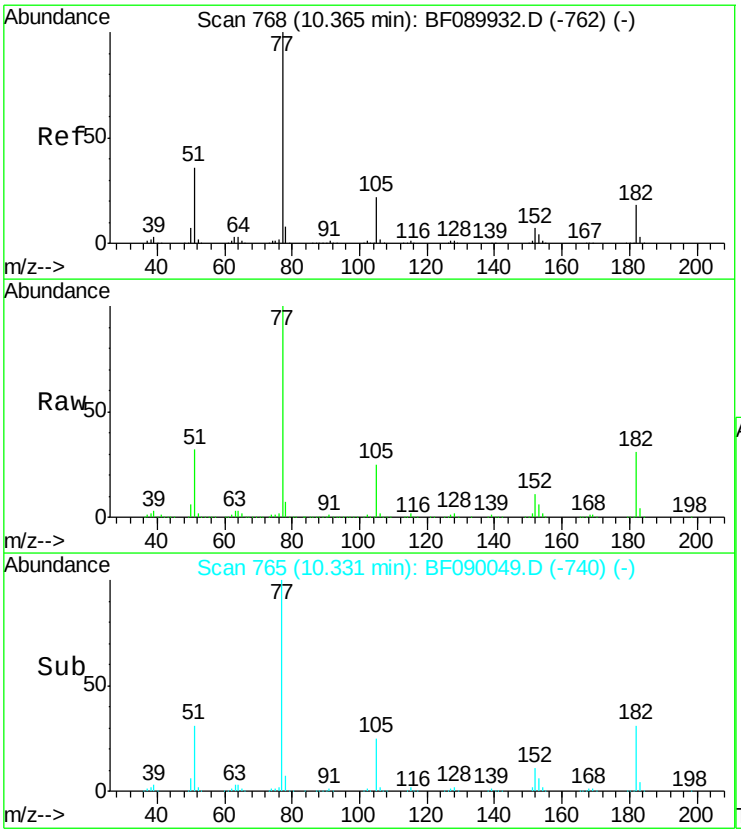

#61
4-Nitroaniline
Concen: 40.96 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 268095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.0 | 21.2 | 61.2 |
| 108 | 56.9 | 37.7 | 77.7 |

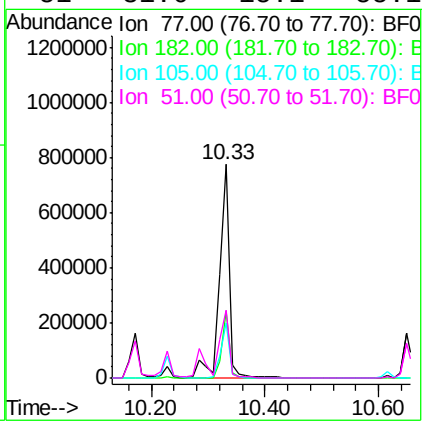


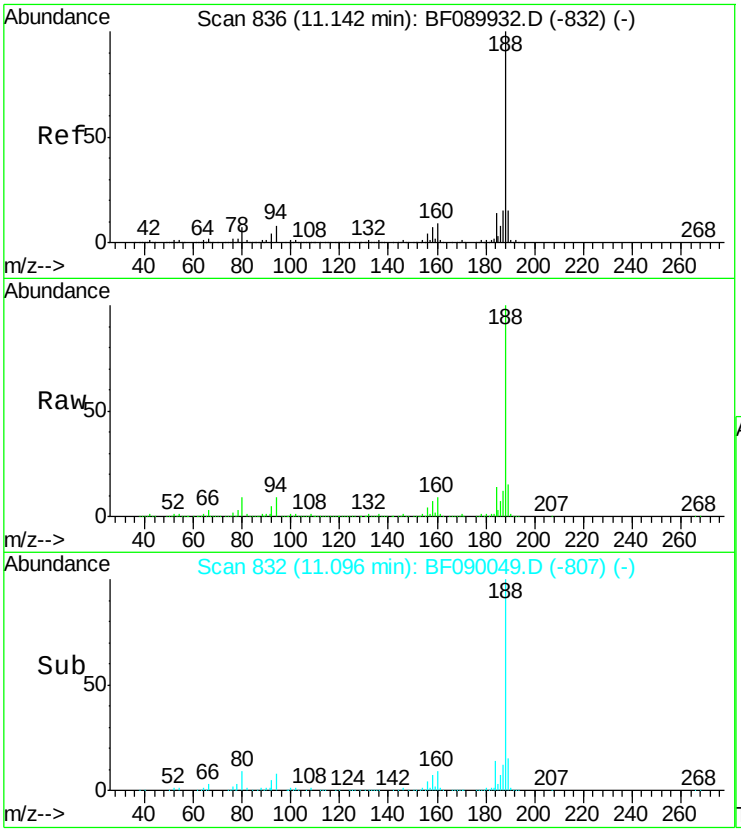




#62
Azobenzene
Concen: 37.88 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 77 Resp: 934672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.0 | 0.0 | 38.6 |
| 105 | 25.5 | 2.3 | 42.3 |
| 51 | 31.6 | 15.1 | 55.1 |



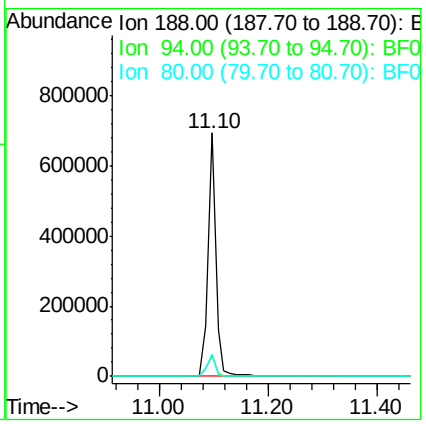


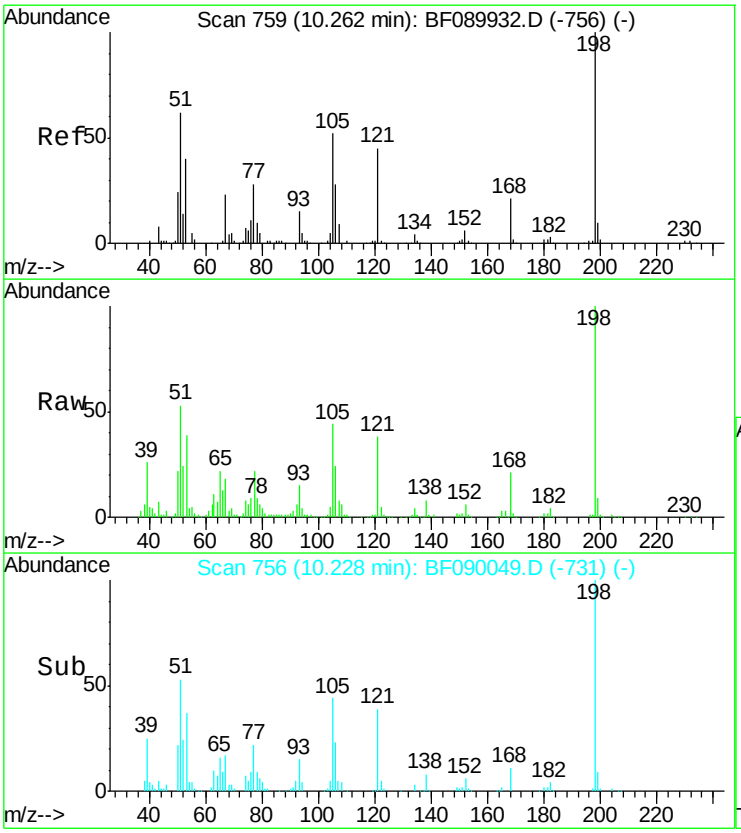

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:188 Resp: 705720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 5.9 | 8.9 |
| 80 | 9.1 | 5.8 | 8.8# |

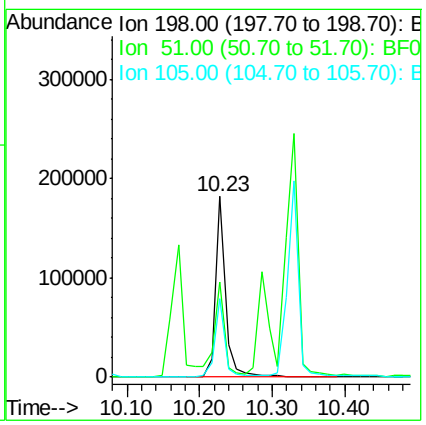


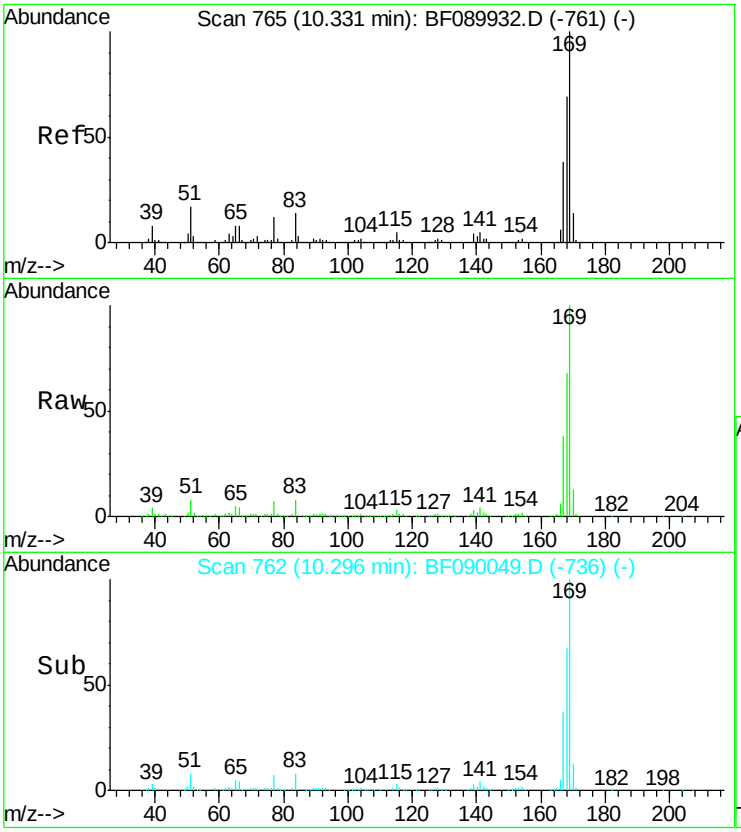




#64
4,6-Dinitro-2-methylphenol
Concen: 38.92 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:198 Resp: 175859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.9 | 43.0 | 83.0 |
| 105 | 43.7 | 30.3 | 70.3 |



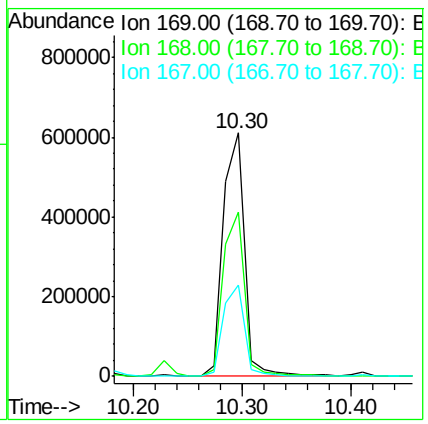


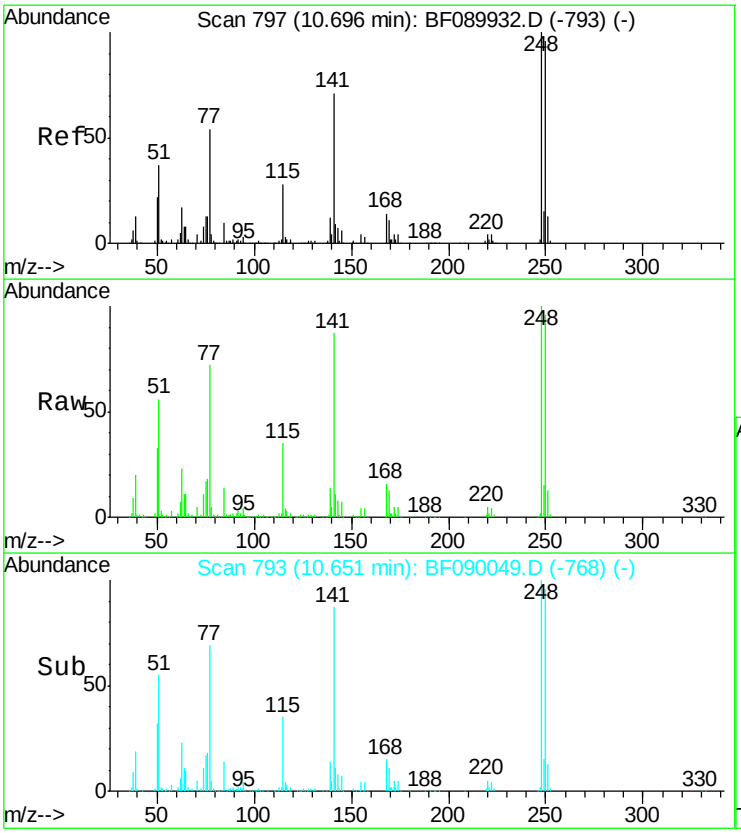

#65
n-Nitrosodiphenylamine
Concen: 39.23 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:169 Resp: 832367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.7 | 55.0 | 82.4 |
| 167 | 37.5 | 30.5 | 45.7 |

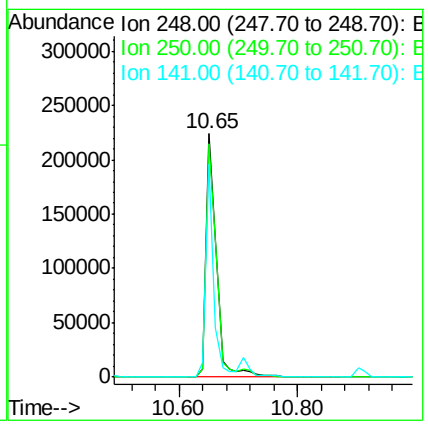


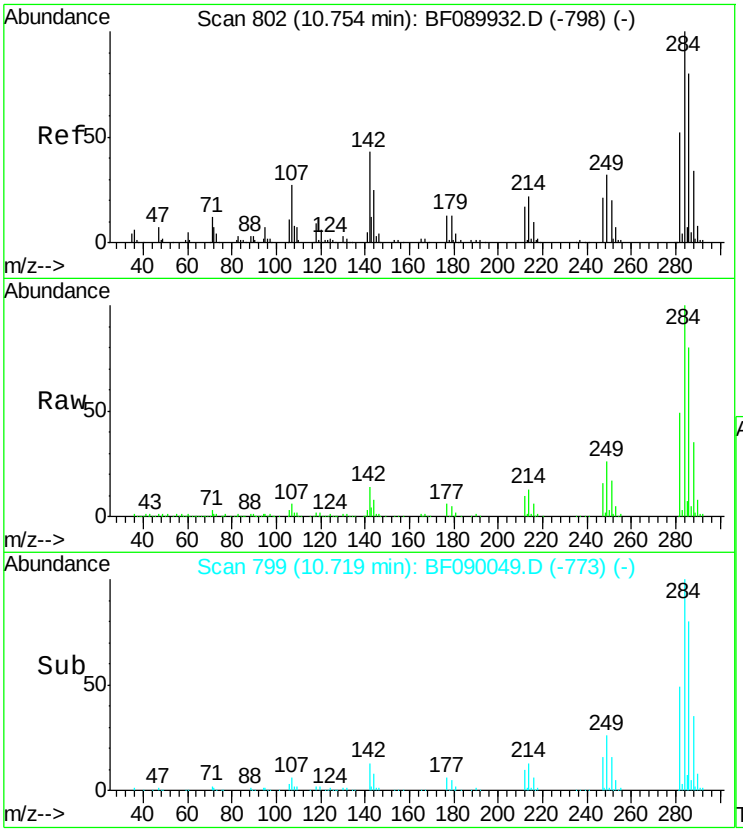




#66
4-Bromophenyl-phenylether
Concen: 39.22 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:248 Resp: 278622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 77.3 | 115.9 |
| 141 | 87.3 | 55.8 | 83.8# |



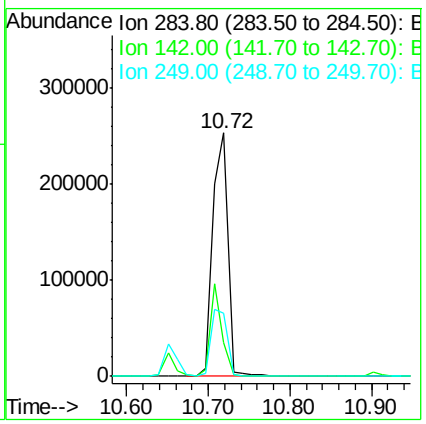


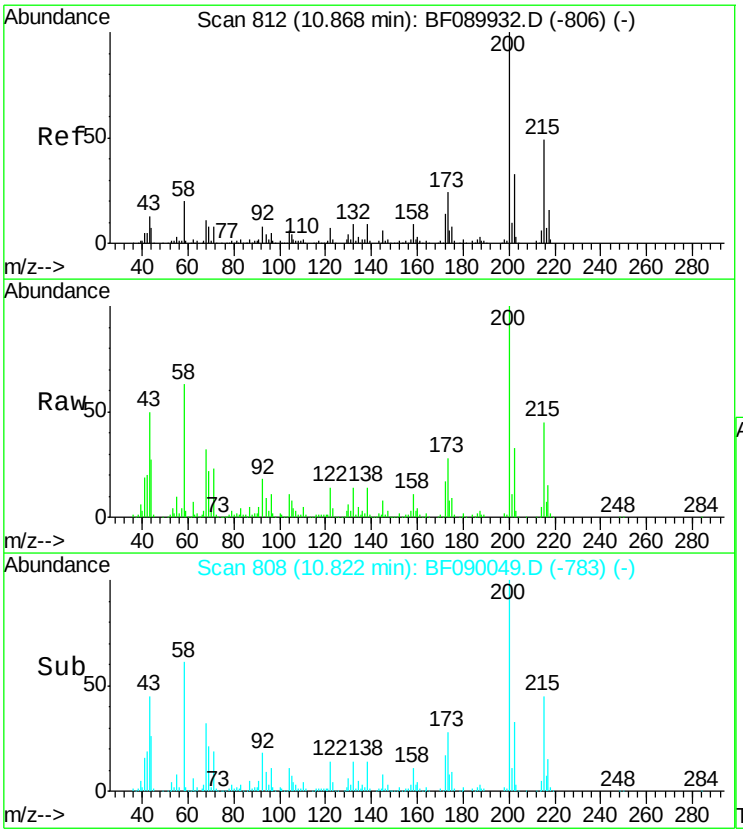

#67
Hexachlorobenzene
Concen: 40.22 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:284 Resp: 326371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 13.8 | 32.7 | 49.1# |
| 249 | 26.0 | 26.9 | 40.3# |

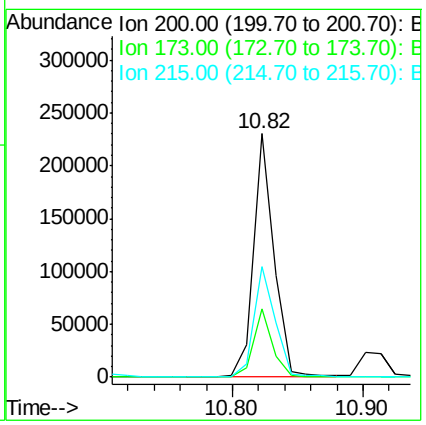


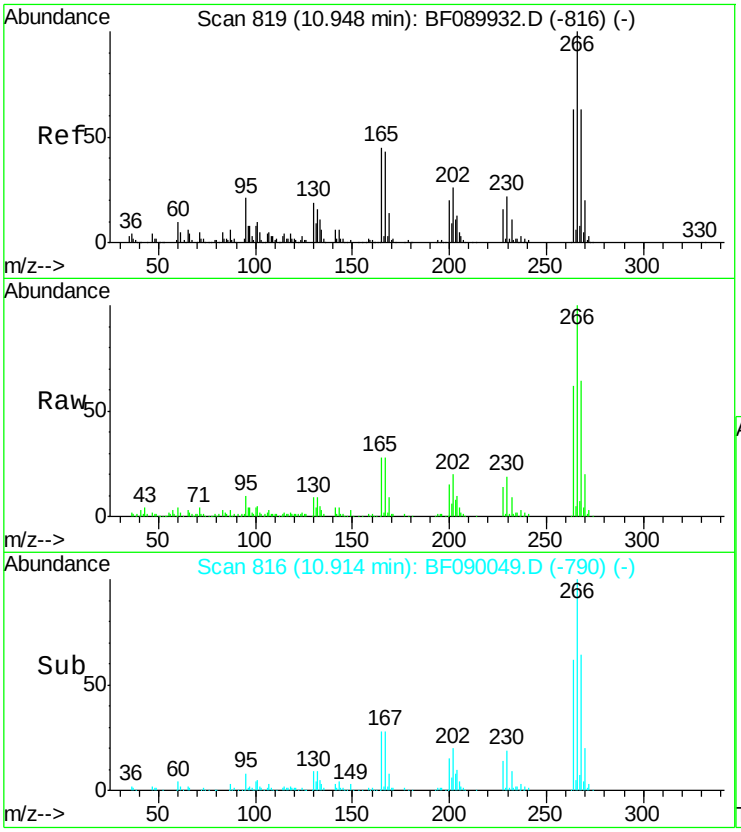




#68
Atrazine
Concen: 35.82 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:200 Resp: 253688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.0 | 9.4 | 49.4 |
| 215 | 45.3 | 24.5 | 64.5 |



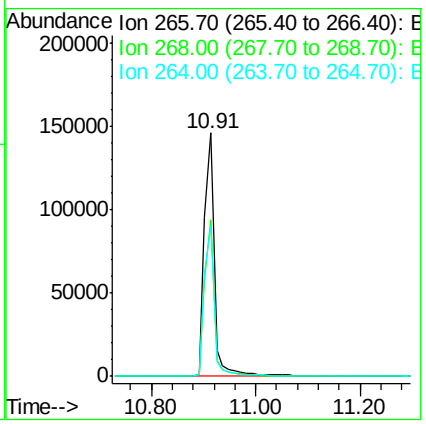


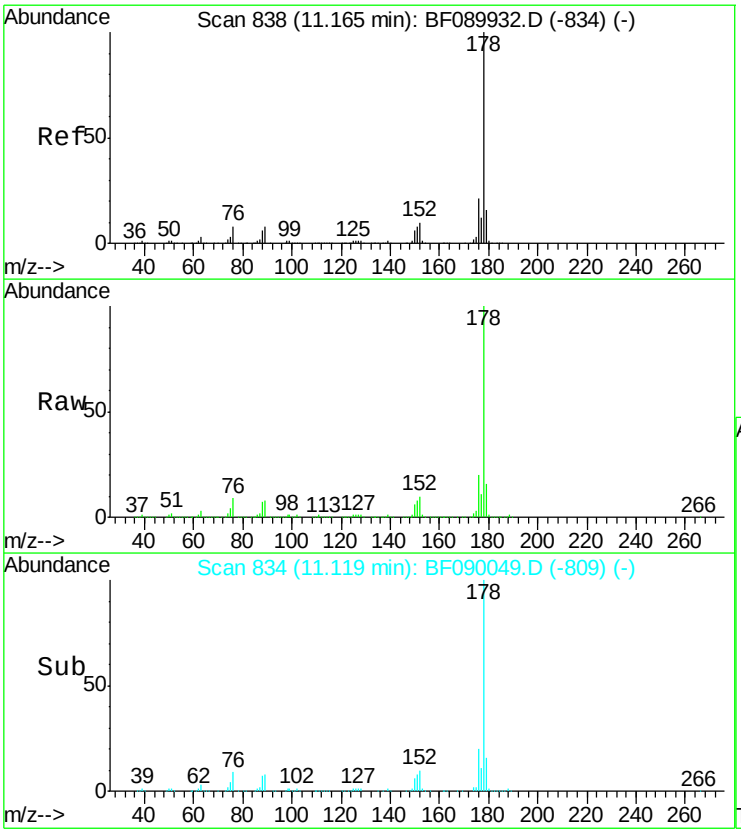

#69
Pentachlorophenol
Concen: 44.82 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:266 Resp: 195675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.1 | 51.0 | 76.6 |
| 264 | 61.9 | 50.6 | 75.8 |

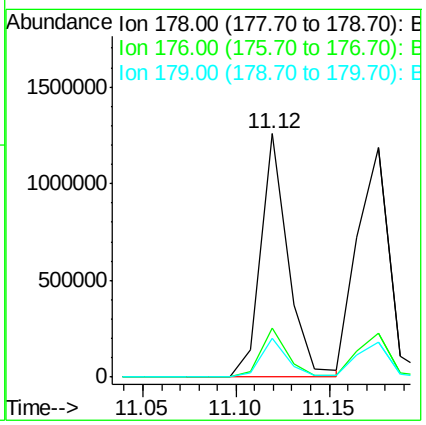


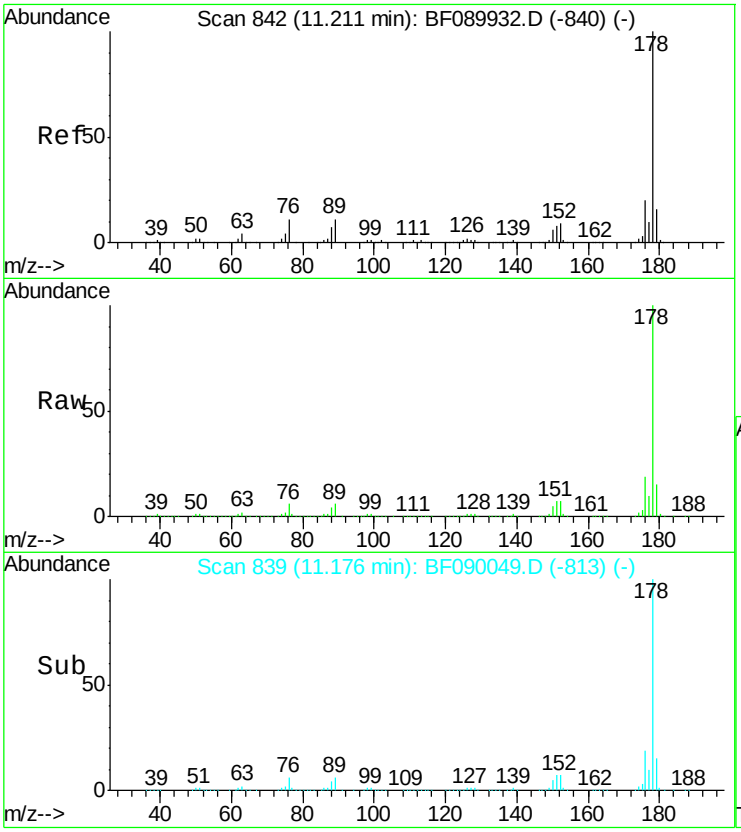




#70
Phenanthrene
Concen: 36.15 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:178 Resp: 1270350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 16.5 | 24.7 |
| 179 | 15.9 | 12.8 | 19.2 |



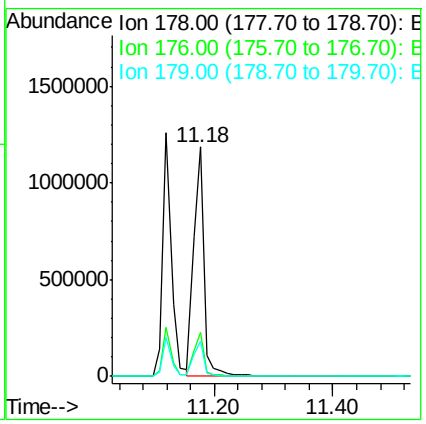


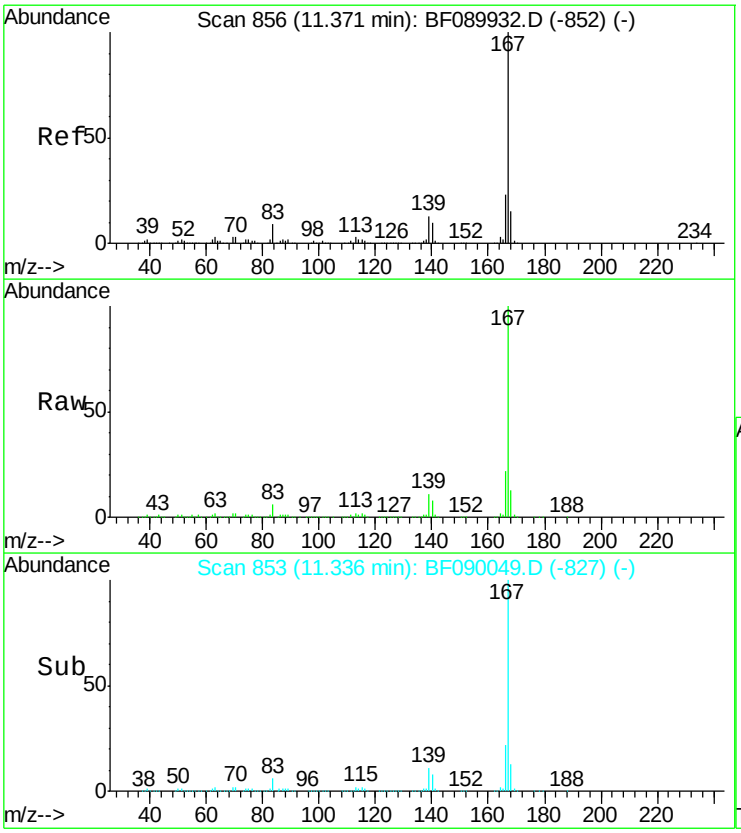

#71
Anthracene
Concen: 41.28 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 1471328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.8 | 23.8 |
| 179 | 15.4 | 13.0 | 19.4 |

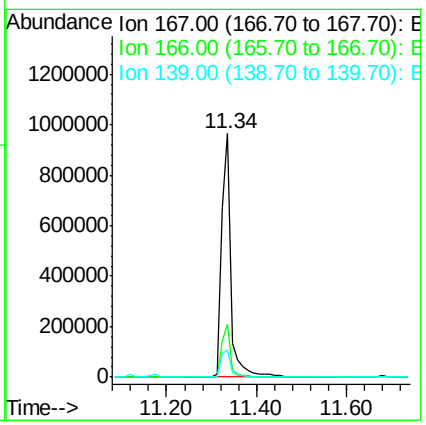


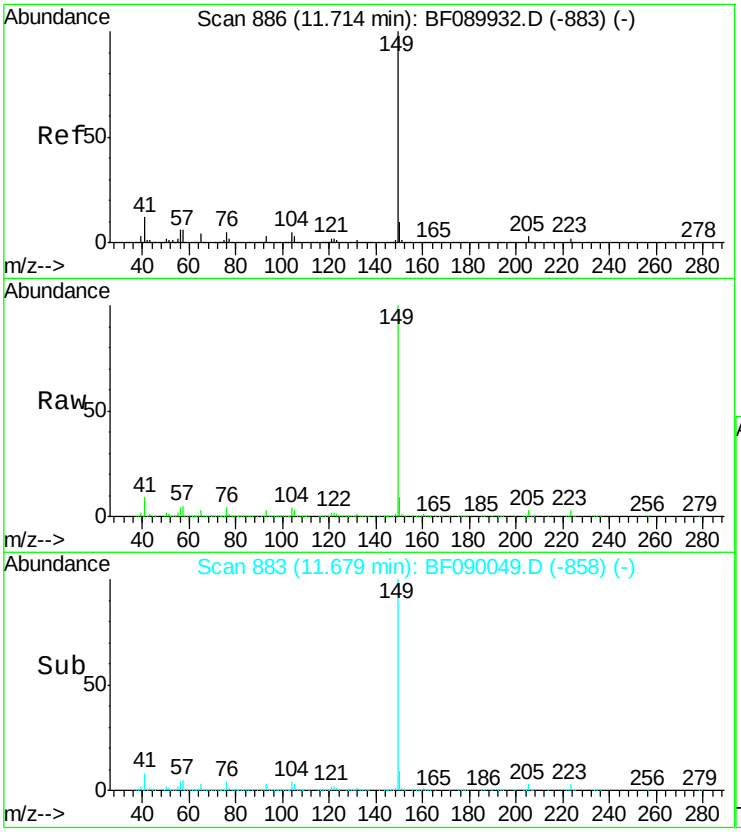




#72
Carbazole
Concen: 41.02 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:167 Resp: 1371011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 18.1 | 27.1 |
| 139 | 11.4 | 10.4 | 15.6 |



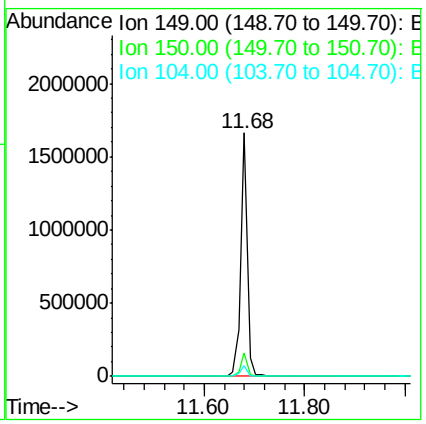


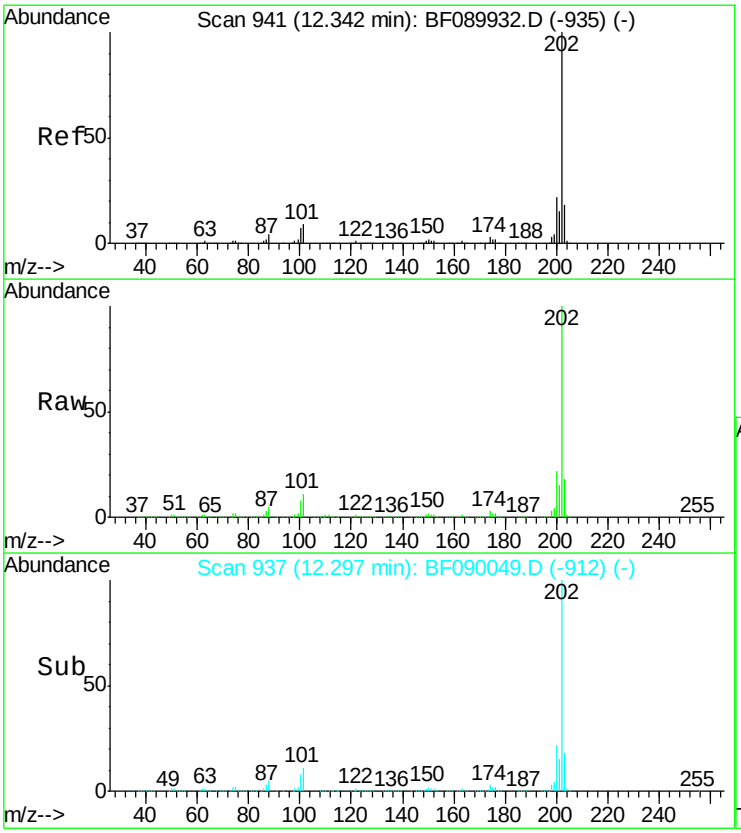

#73
Di-n-butylphthalate
Concen: 38.74 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 1509168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.8 |
| 104 | 4.4 | 3.9 | 5.9 |

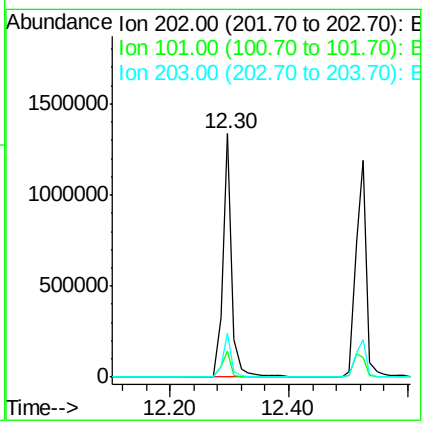


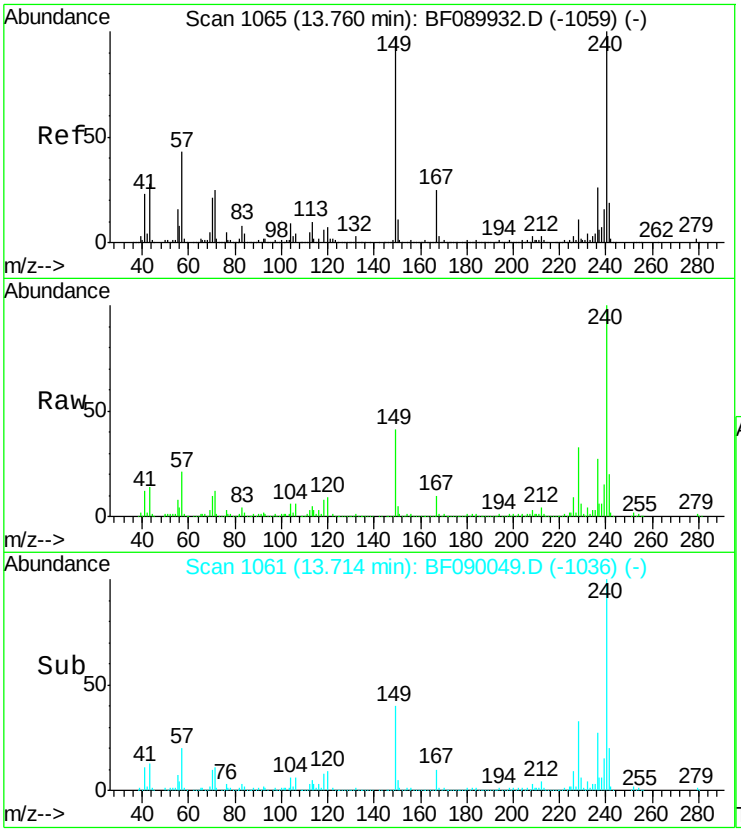




#74
Fluoranthene
Concen: 37.47 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:202 Resp: 1379889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 28.5 |
| 203 | 18.1 | 0.0 | 38.0 |



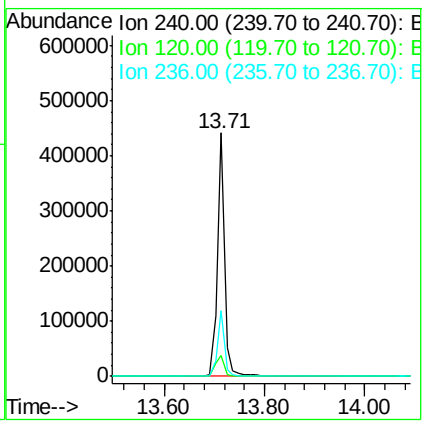


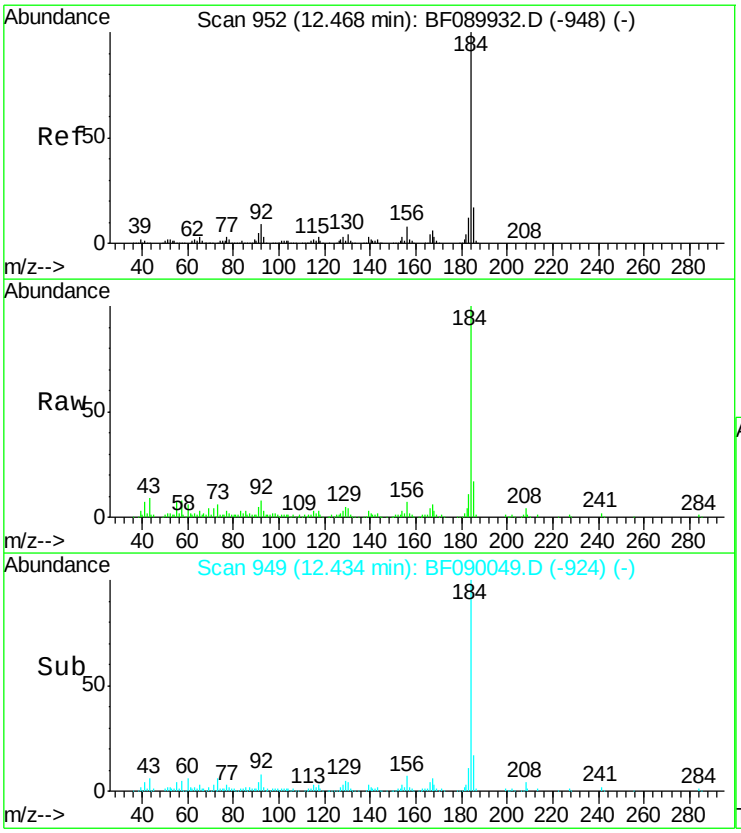

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:240 Resp: 437413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.6 | 5.7 | 8.5# |
| 236 | 26.8 | 21.3 | 31.9 |

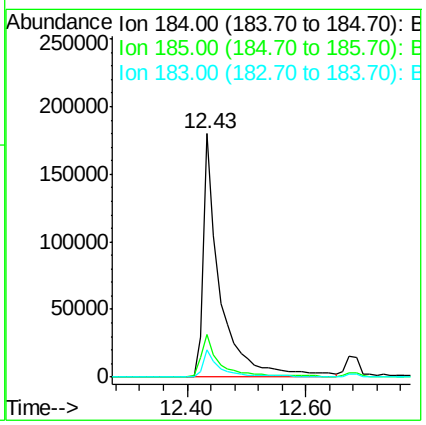


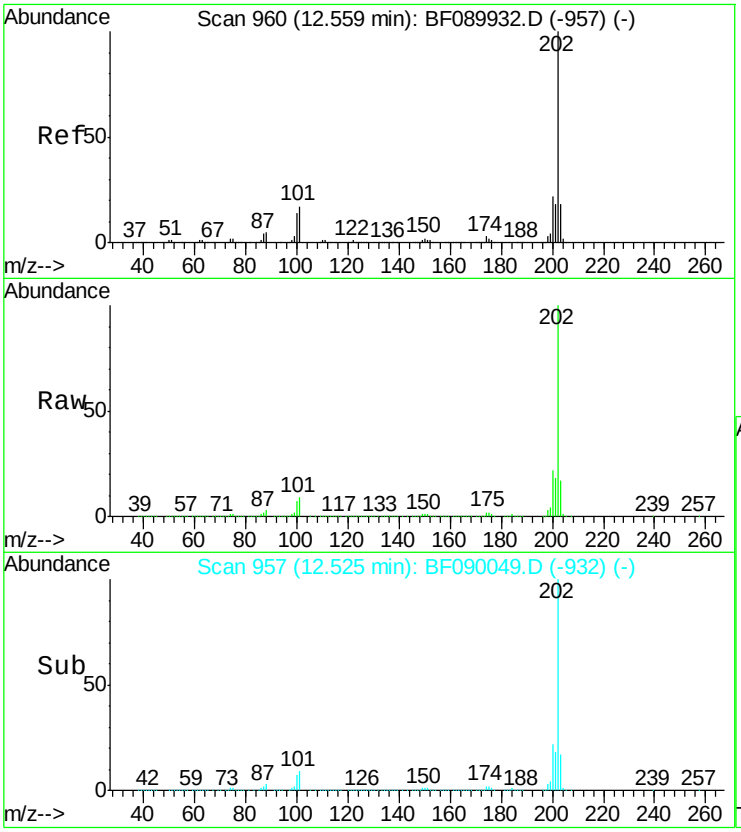




#76
Benzidine
Concen: 21.75 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:184 Resp: 360402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.3 | 13.8 | 20.8 |
| 183 | 11.1 | 9.6 | 14.4 |



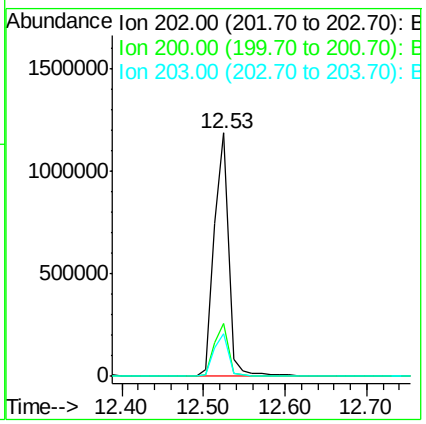


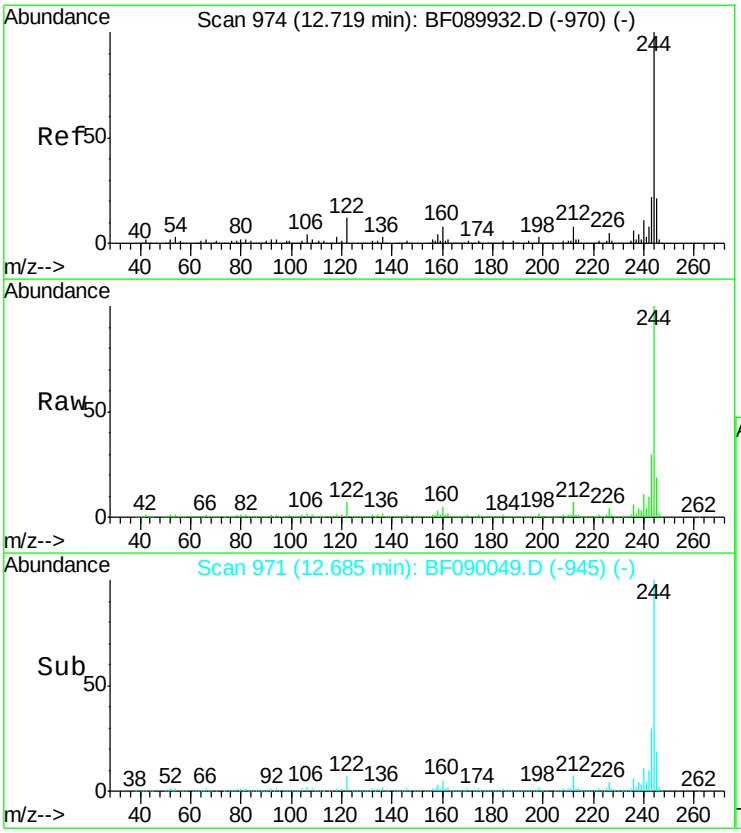

#77
Pyrene
Concen: 47.23 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 1456469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.6 | 26.4 |
| 203 | 17.5 | 14.6 | 21.8 |

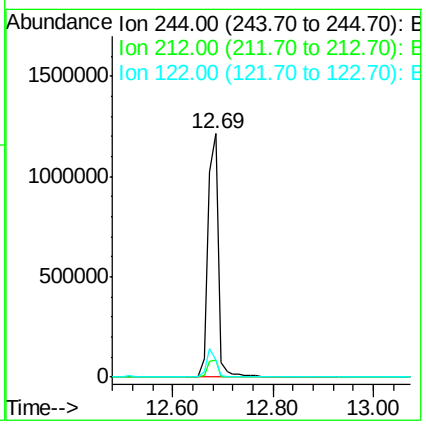


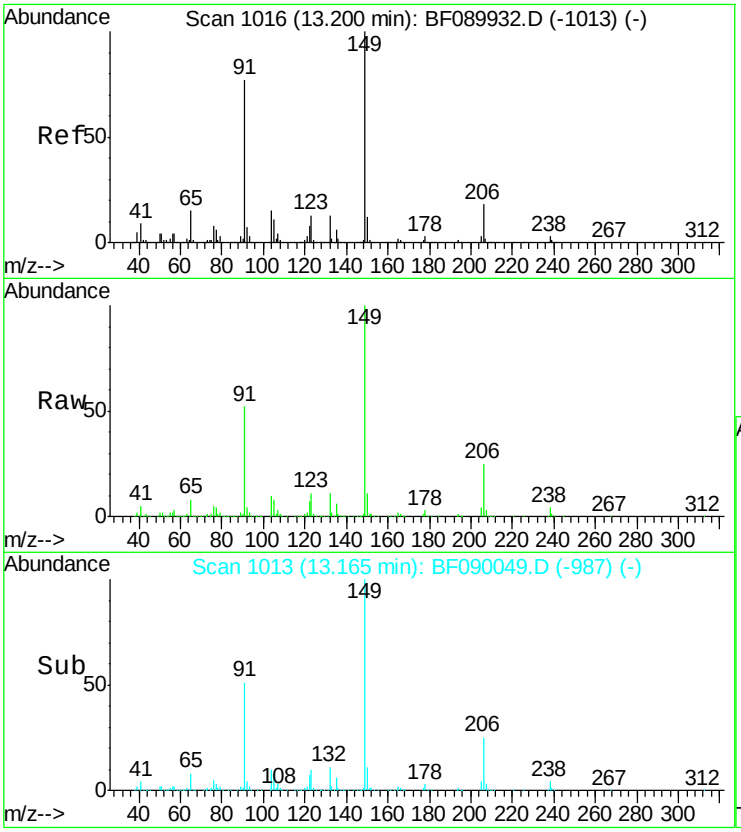




#78
Terphenyl-d14
Concen: 97.32 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:244 Resp: 1723304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 6.1 | 9.1 |
| 122 | 7.0 | 9.6 | 14.4# |



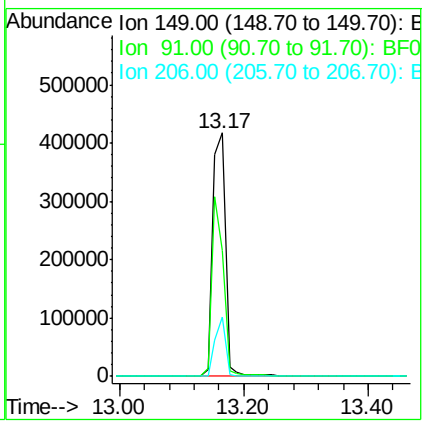


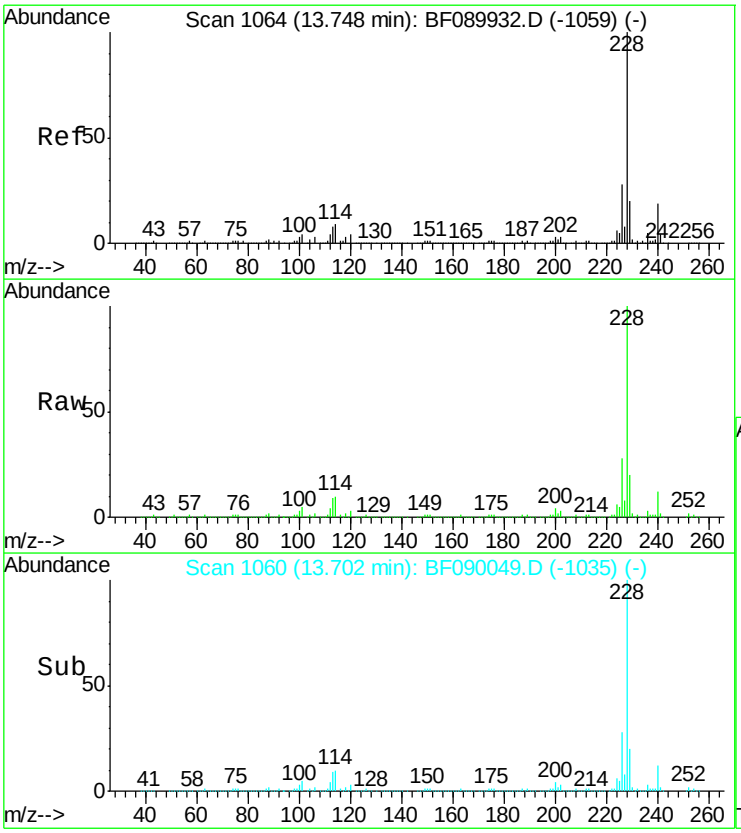

#79
Butylbenzylphthalate
Concen: 46.78 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 581831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 51.6 | 60.0 | 90.0# |
| 206 | 24.5 | 15.1 | 22.7# |

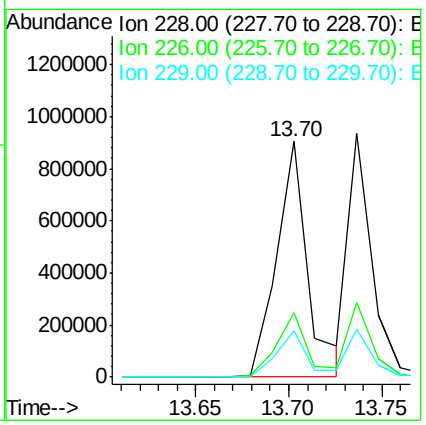


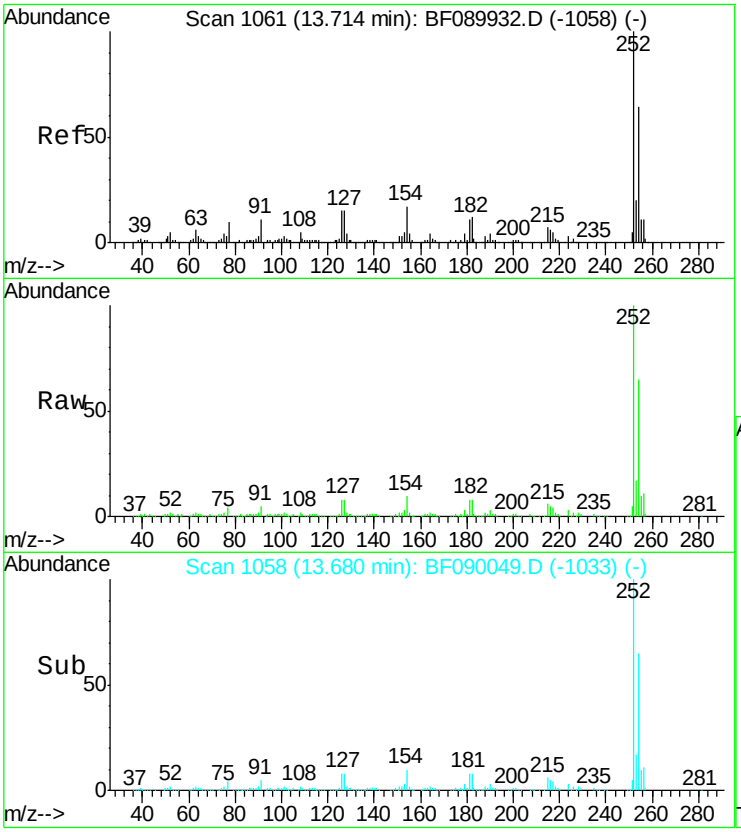




#80
Benzo(a)anthracene
Concen: 39.12 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:228 Resp: 1047982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.2 | 33.2 |
| 229 | 19.9 | 15.8 | 23.6 |



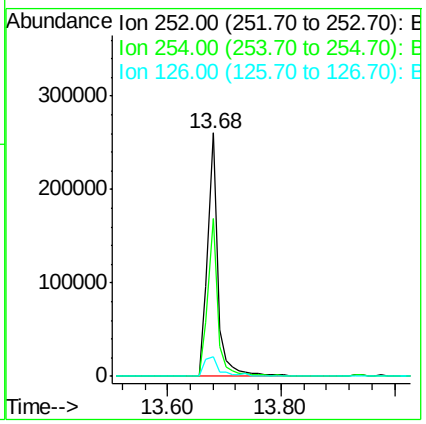


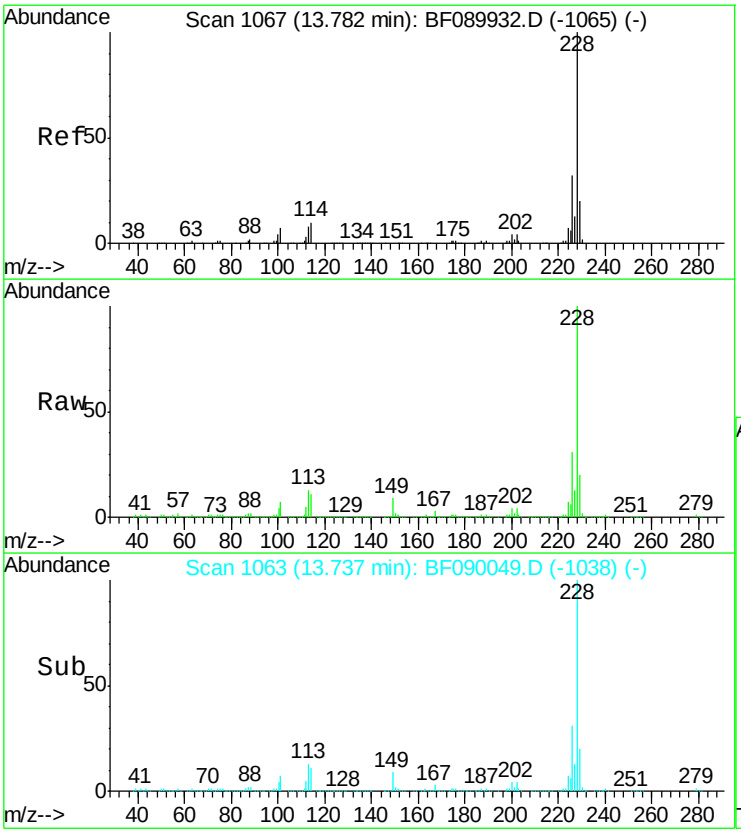

#81
3,3'-Dichlorobenzidine
Concen: 32.87 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 317881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.3 | 76.9 |
| 126 | 8.2 | 12.3 | 18.5# |

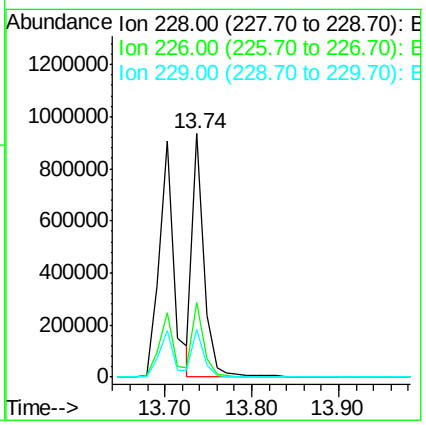


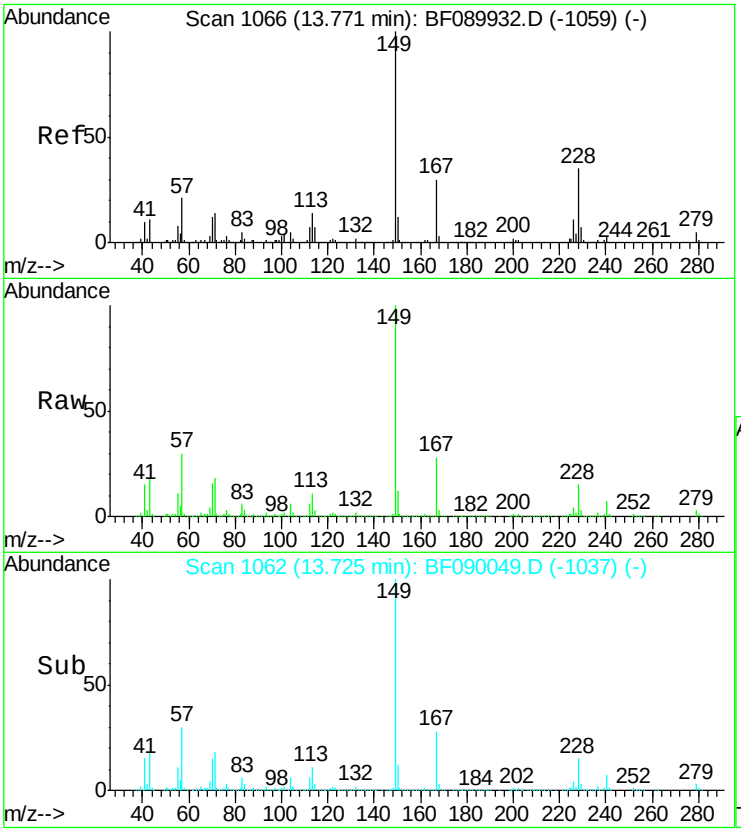




#82
Chrysene
Concen: 34.58 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:228 Resp: 865324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 25.2 | 37.8 |
| 229 | 19.7 | 16.2 | 24.2 |



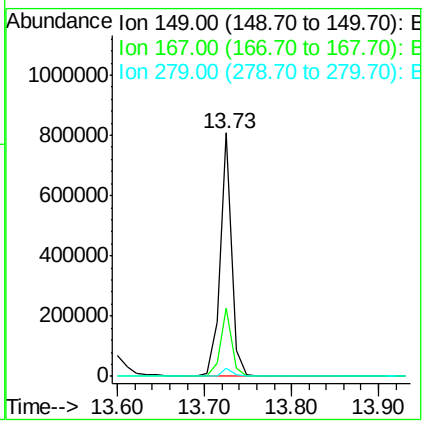


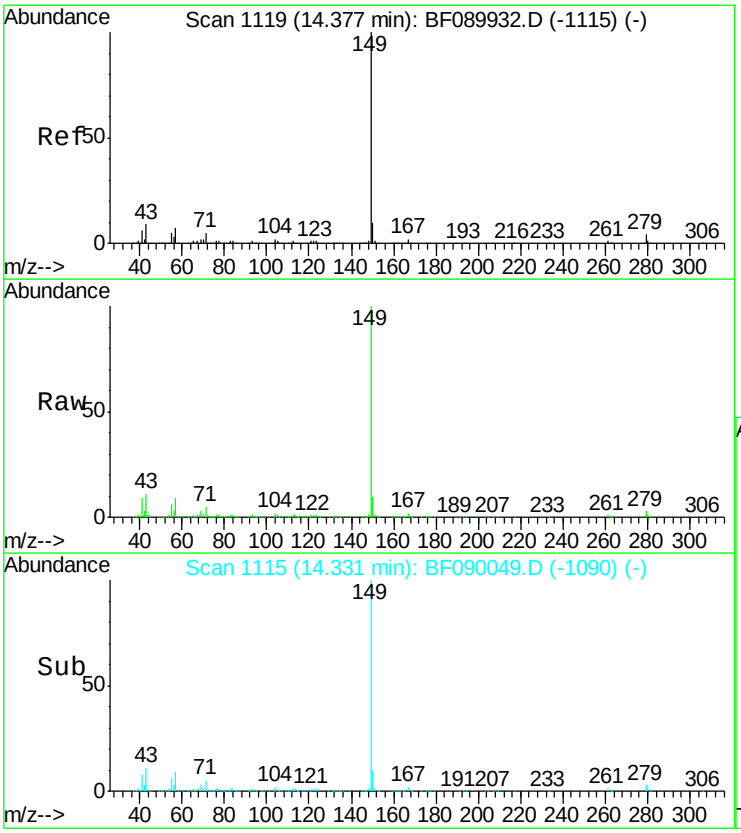

#83
Bis(2-ethylhexyl)phthalate
Concen: 43.35 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 745800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.0 | 23.6 | 35.4 |
| 279 | 3.2 | 3.4 | 5.2# |

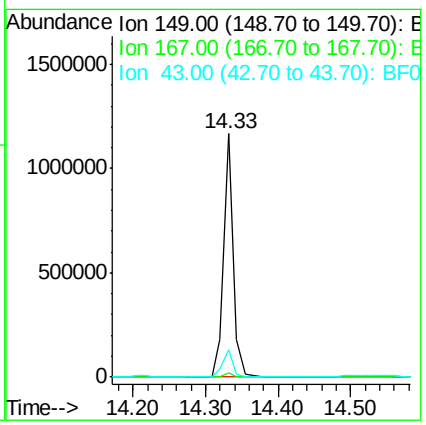


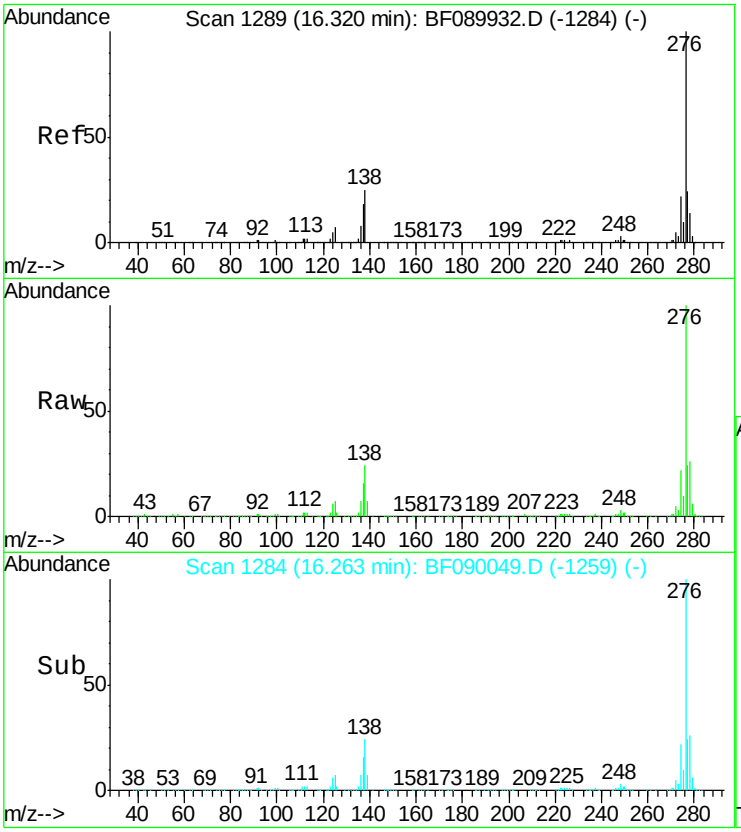




#84
Di-n-octyl phthalate
Concen: 38.36 ng
RT: 14.33 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:149 Resp: 1065088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.2 | 1.8 |
| 43 | 11.7 | 9.3 | 13.9 |



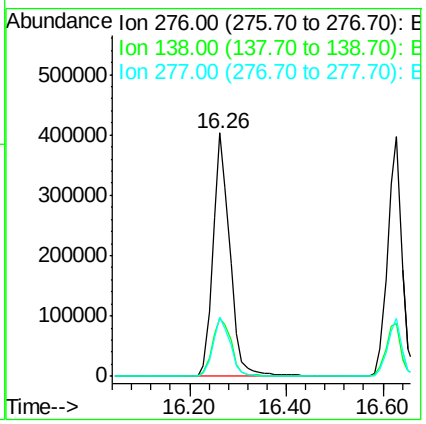


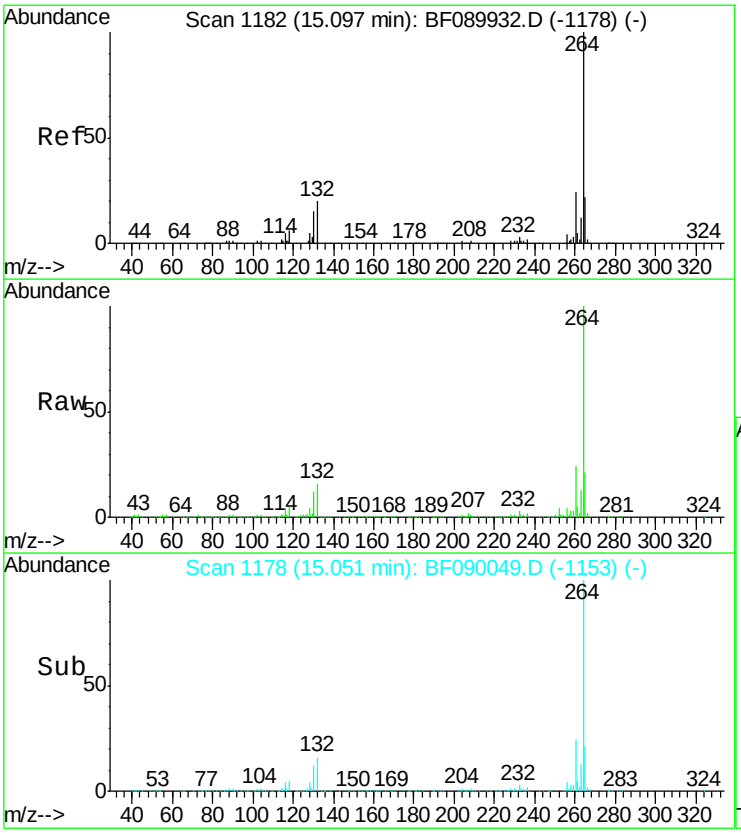

#85
Indeno(1,2,3-cd)pyrene
Concen: 53.72 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 993979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.1 | 22.6 | 34.0 |
| 277 | 25.1 | 20.1 | 30.1 |

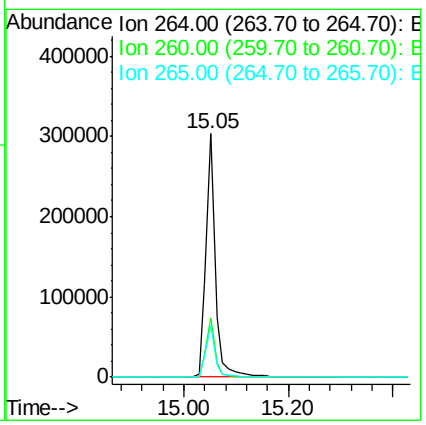


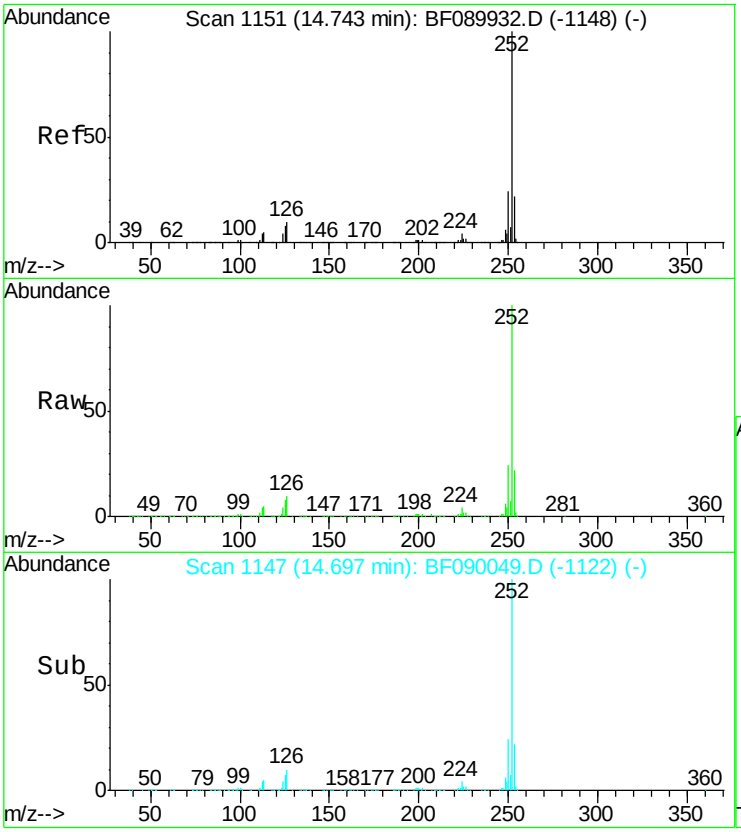




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:264 Resp: 378101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.4 | 29.0 |
| 265 | 21.4 | 17.4 | 26.2 |



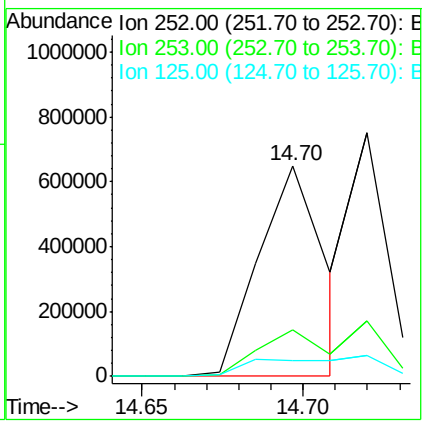


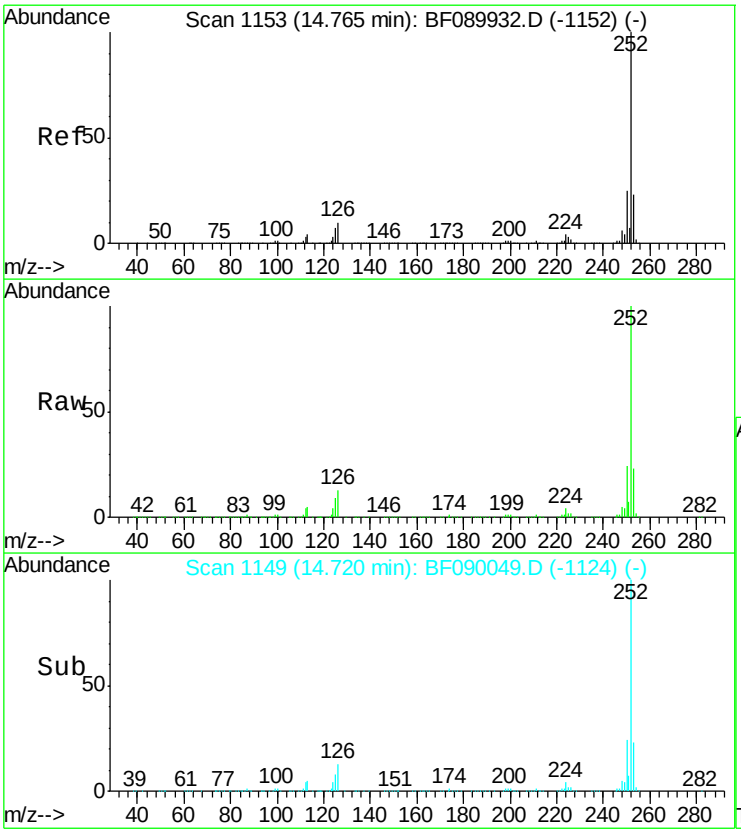

#87
Benzo(b)fluoranthene
Concen: 38.74 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 917600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.0 | 27.0 |
| 125 | 7.5 | 5.7 | 8.5 |

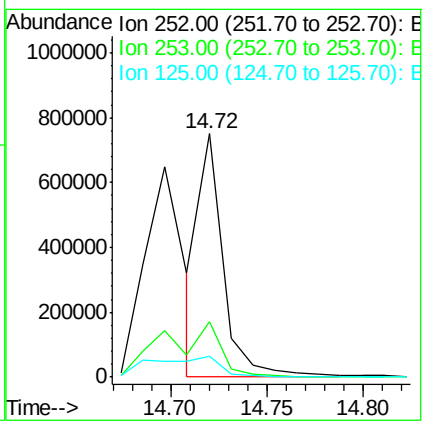


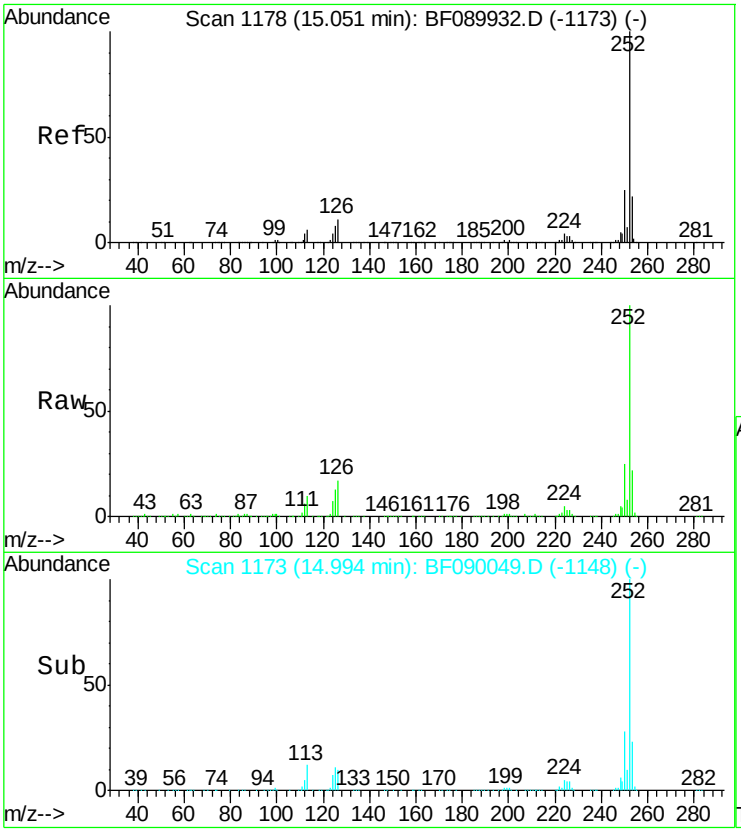




#88
Benzo(k)fluoranthene
Concen: 32.65 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:252 Resp: 656218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.8 | 26.8 |
| 125 | 8.5 | 7.3 | 10.9 |



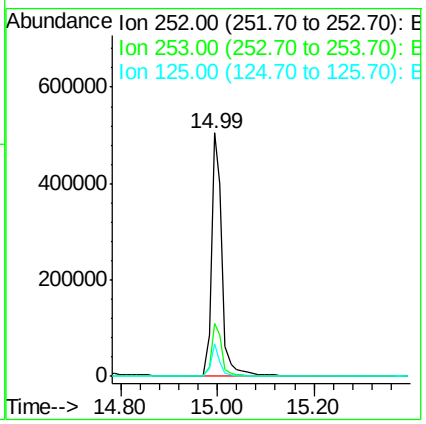


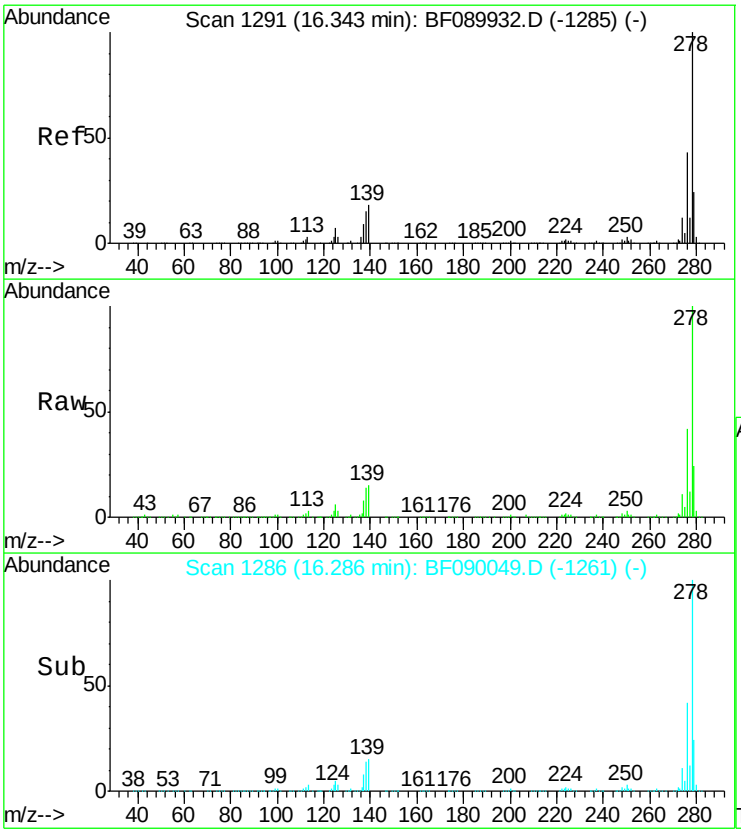

#89
Benzo(a)pyrene
Concen: 38.00 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 771156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.5 | 26.3 |
| 125 | 13.3 | 6.3 | 9.5# |

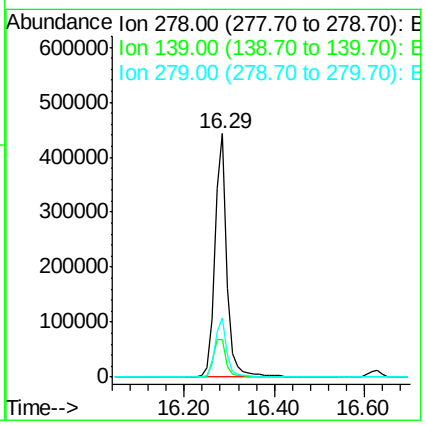


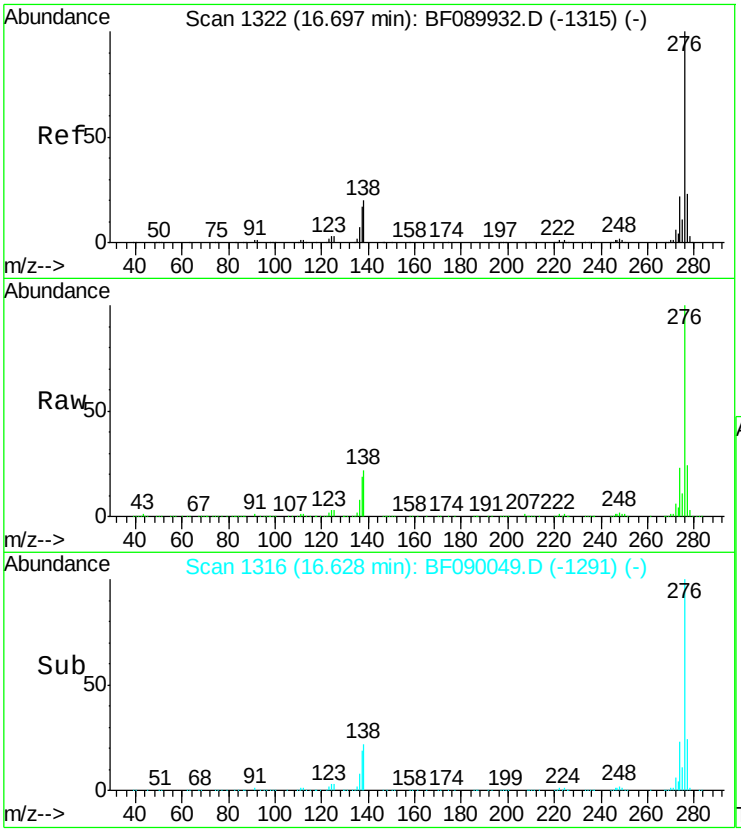




#90
Dibenzo(a,h)anthracene
Concen: 55.00 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:278 Resp: 817795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.4 | 13.4 | 20.2 |
| 279 | 24.3 | 19.4 | 29.2 |






#91
Benzo(g,h,i)perylene
Concen: 56.17 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 840743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.0 | 28.4 |
| 138 | 22.1 | 16.4 | 24.6 |