Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090732.D
Acq On : 22 Oct 2016 1:27
Operator : UM/SJ
Sample : H5308-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-102DMS

Quant Time: Oct 22 02:56:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 273856 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.14 | 136 | 1140245 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.90 | 164 | 564758 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.39 | 188 | 899280 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 589385 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.46 | 264 | 434824 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 969920 | 57.12 | ng | | 0.01 |
| 7) Phenol-d6 | 6.50 | 99 | 810828 | 35.25 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 1687696 | 81.18 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 672090 | 150.35 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.23 | 172 | 3062107 | 84.17 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.97 | 244 | 2524636 | 98.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.58 | 88 | 139495 | 14.20 | ng | # | 82 |
| 3) Pyridine | 3.31 | 79 | 307998 | 13.38 | ng | # | 76 |
| 4) n-Nitrosodimethylamine | 3.24 | 42 | 115648 | 14.68 | ng | | 81 |
| 6) Aniline | 6.52 | 93 | 447972 | 17.18 | ng | # | 82 |
| 8) 2-Chlorophenol | 6.65 | 128 | 715593 | 35.11 | ng | | 97 |
| 9) Benzaldehyde | 6.41 | 77 | 186091 | 14.80 | ng | # | 82 |
| 10) Phenol | 6.51 | 94 | 349640 | 13.52 | ng | # | 66 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 877682 | 40.40 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 804728 | 39.30 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 885906 | 40.79 | ng | # | 93 |
| 14) 1,2-Dichlorobenzene | 7.03 | 146 | 814261 | 38.30 | ng | | 99 |
| 15) Benzyl Alcohol | 7.00 | 79 | 396139 | 25.36 | ng | # | 76 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45 | 1001738 | 30.79 | ng | | 68 |
| 17) 2-Methylphenol | 7.13 | 107 | 442757 | 28.83 | ng | # | 80 |
| 18) Hexachloroethane | 7.37 | 117 | 324138 | 36.76 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 653042 | 38.13 | ng | # | 67 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 443946 | 24.39 | ng | # | 50 |
| 22) Acetophenone | 7.27 | 105 | 1139347 | 44.84 | ng | # | 85 |
| 24) Nitrobenzene | 7.45 | 77 | 938161 | 41.63 | ng | # | 72 |
| 25) Isophorone | 7.69 | 82 | 1736082 | 44.11 | ng | # | 91 |
| 26) 2-Nitrophenol | 7.77 | 139 | 454092 | 49.32 | ng | # | 89 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 511048 | 31.30 | ng | # | 80 |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93 | 1072206 | 49.80 | ng | # | 95 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 646017 | 48.22 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 744833 | 47.24 | ng | | 97 |
| 31) Naphthalene | 8.17 | 128 | 2374359 | 42.57 | ng | | 96 |
| 32) Benzoic acid | 7.90 | 122 | 132931 | 17.28 | ng | # | 72 |
| 33) 4-Chloroaniline | 8.21 | 127 | 306714 | 14.83 | ng | # | 87 |
| 34) Hexachlorobutadiene | 8.28 | 225 | 411573 | 46.42 | ng | | 98 |
| 35) Caprolactam | 8.60 | 113 | 30089 | 7.86 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 607169 | 38.96 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 1593945 | 48.90 | ng | # | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 690197 | 45.26 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.01 | 237 | 778443 | 108.73 | ng | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090732.D
Acq On : 22 Oct 2016 1:27
Operator : UM/SJ
Sample : H5308-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-102DMS

Quant Time: Oct 22 02:56:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 489850 | 51.80 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.18 | 196 | 457727 | 47.69 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.32 | 154 | 1887744 | 42.56 | ng | | 91 |
| 46) 2-Chloronaphthalene | 9.35 | 162 | 1508384 | 45.76 | ng | | 97 |
| 47) 2-Nitroaniline | 9.45 | 65 | 334620 | 30.58 | ng | | 83 |
| 48) Acenaphthylene | 9.77 | 152 | 2238667 | 44.51 | ng | | 94 |
| 49) Dimethylphthalate | 9.63 | 163 | 1845733 | 52.01 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 373311 | 48.92 | ng | # | 58 |
| 51) Acenaphthene | 9.94 | 154 | 1641277 | 49.15 | ng | | 88 |
| 52) 3-Nitroaniline | 9.86 | 138 | 95541 | 10.89 | ng | # | 66 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 408392 | 88.55 | ng | # | 83 |
| 54) Dibenzofuran | 10.11 | 168 | 1989770 | 49.19 | ng | # | 87 |
| 55) 4-Nitrophenol | 10.03 | 139 | 172419 | 35.55 | ng | # | 74 |
| 56) 2,4-Dinitrotoluene | 10.10 | 165 | 563836 | 60.45 | ng | # | 96 |
| 57) Fluorene | 10.45 | 166 | 1627449 | 48.55 | ng | | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 412988 | 54.84 | ng | | 99 |
| 59) Diethylphthalate | 10.33 | 149 | 1635237 | 44.43 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204 | 753423 | 49.18 | ng | | 89 |
| 61) 4-Nitroaniline | 10.47 | 138 | 118195 | 13.30 | ng | # | 62 |
| 62) Azobenzene | 10.60 | 77 | 1679287 | 38.96 | ng | | 87 |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 245278 | 43.19 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.57 | 169 | 1386386 | 48.12 | ng | | 90 |
| 66) 4-Bromophenyl-phenylether | 10.93 | 248 | 506389 | 58.09 | ng | | 95 |
| 67) Hexachlorobenzene | 11.00 | 284 | 596184 | 57.95 | ng | # | 81 |
| 68) Atrazine | 11.09 | 200 | 382934 | 48.16 | ng | | 86 |
| 69) Pentachlorophenol | 11.19 | 266 | 624159 | 91.20 | ng | | 99 |
| 70) Phenanthrene | 11.46 | 178 | 2289034 | 49.94 | ng | | 95 |
| 71) Anthracene | 11.46 | 178 | 2301062 | 45.27 | ng | | 95 |
| 72) Carbazole | 11.62 | 167 | 1973607 | 46.44 | ng | # | 92 |
| 73) Di-n-butylphthalate | 11.95 | 149 | 2501322 | 45.37 | ng | # | 96 |
| 74) Fluoranthene | 12.60 | 202 | 2220173 | 50.07 | ng | | 87 |
| 76) Benzidine | 12.73 | 184 | 49080 | 3.75 | ng | # | 94 |
| 77) Pyrene | 12.83 | 202 | 2201831 | 53.49 | ng | | 96 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 1081955 | 57.18 | ng | | 96 |
| 80) Benzo(a)anthracene | 14.01 | 228 | 1578699 | 48.95 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 13.97 | 252 | 71140 | 6.37 | ng | # | 97 |
| 82) Chrysene | 14.01 | 228 | 1578699 | 50.15 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 1316317 | 48.62 | ng | | 97 |
| 84) Di-n-octyl phthalate | 14.61 | 149 | 1944404 | 47.32 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 16.88 | 276 | 1297500 | 47.25 | ng | # | 95 |
| 87) Benzo(b)fluoranthene | 15.05 | 252 | 1346276 | 50.35 | ng | # | 88 |
| 88) Benzo(k)fluoranthene | 15.05 | 252 | 1346276 | 50.10 | ng | # | 89 |
| 89) Benzo(a)pyrene | 15.40 | 252 | 1219030 | 48.60 | ng | # | 87 |
| 90) Dibenzo(a,h)anthracene | 16.89 | 278 | 1122515 | 46.61 | ng | # | 84 |
| 91) Benzo(g,h,i)perylene | 17.30 | 276 | 1044047 | 44.69 | ng | # | 81 |

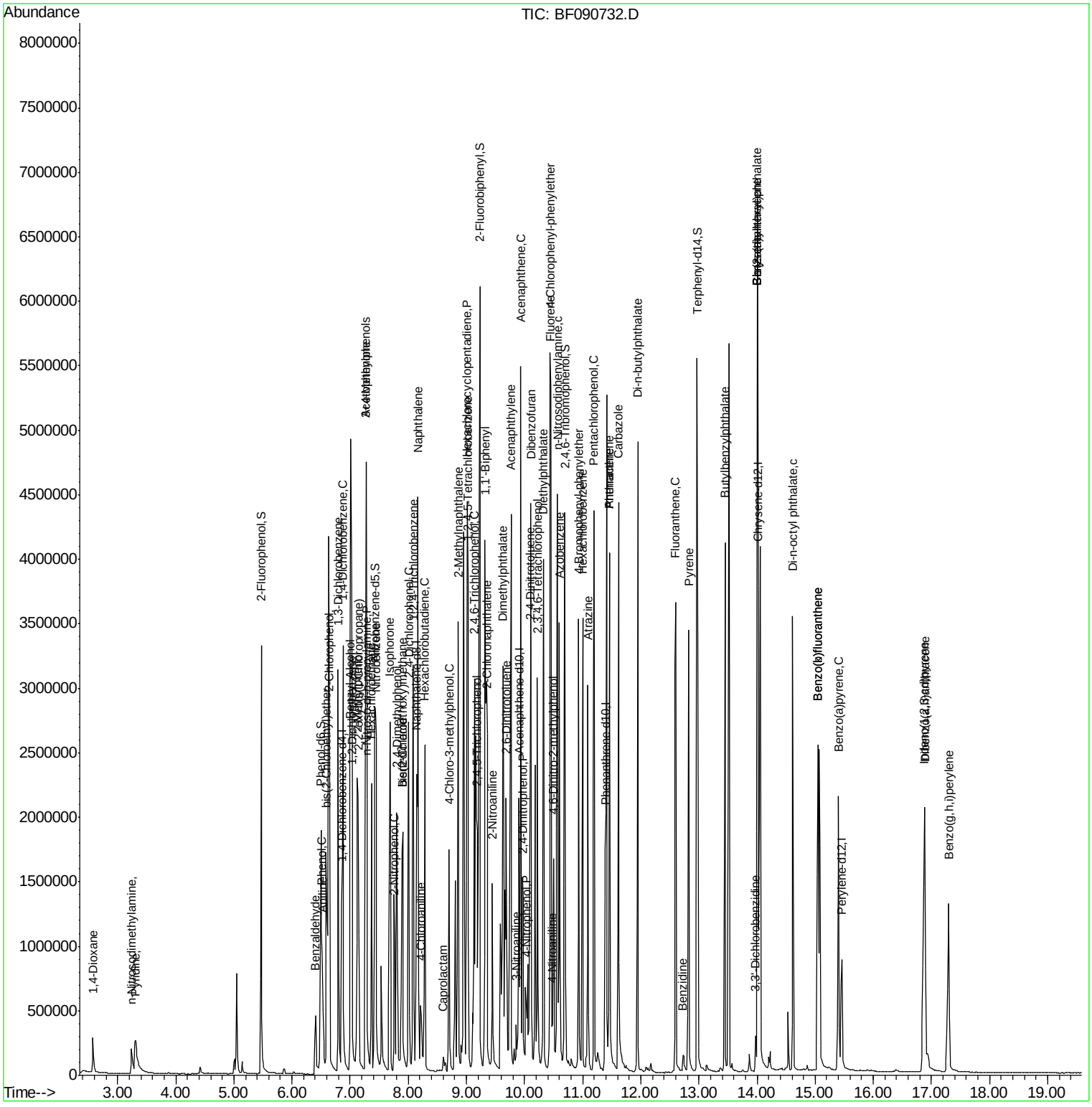
(#) = qualifier out of range (m) = manual integration (+) = signals summed

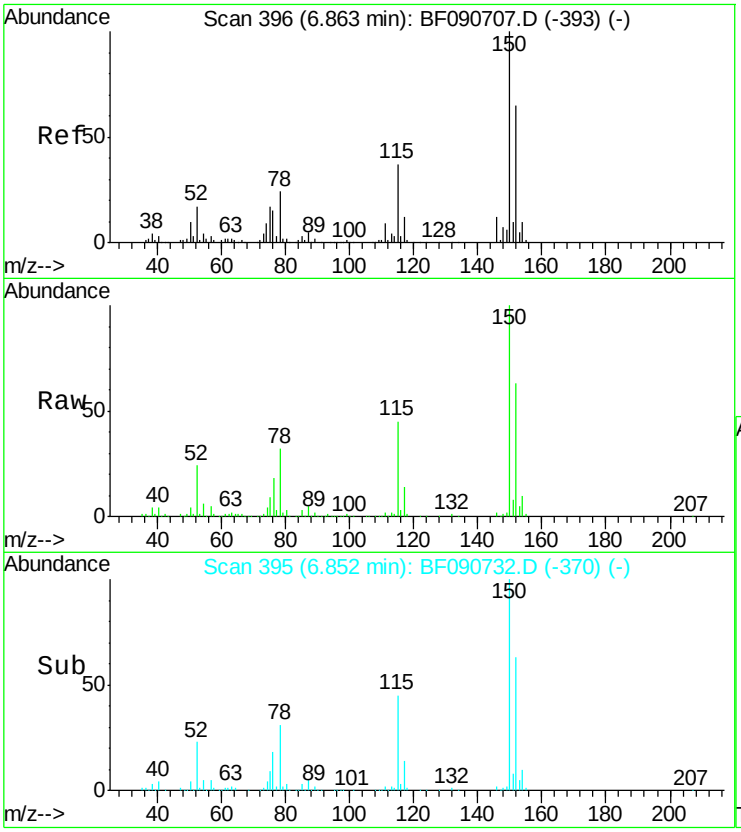
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090732.D
Acq On : 22 Oct 2016 1:27
Operator : UM/SJ
Sample : H5308-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Quant Time: Oct 22 02:56:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration



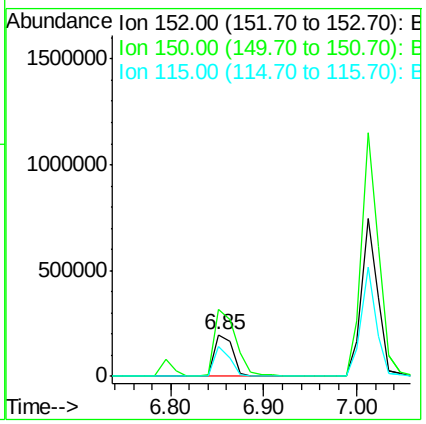


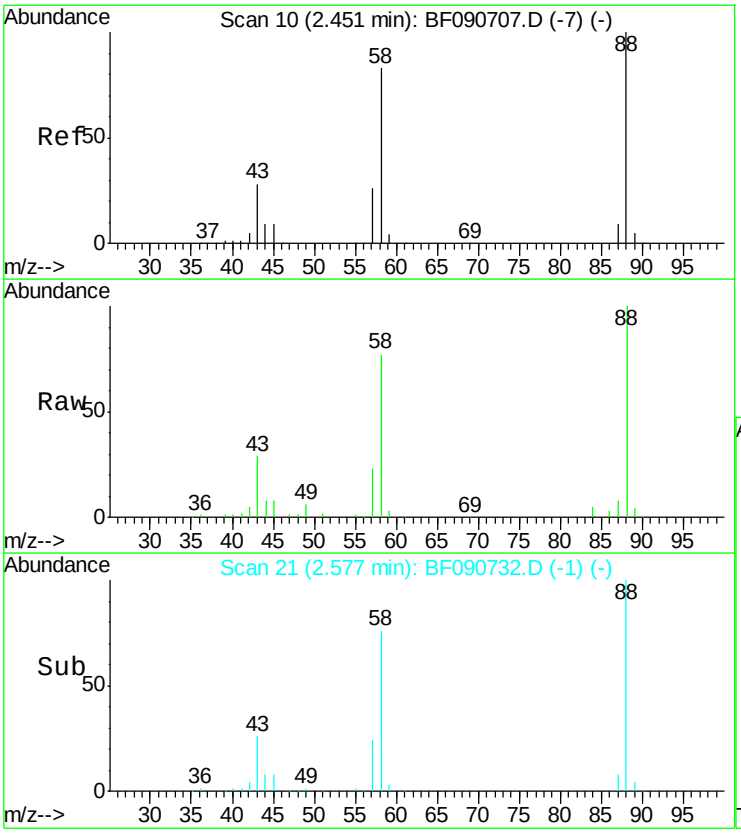

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:152 Resp: 273856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.3 | 124.7 | 187.1 |
| 115 | 71.4 | 39.0 | 58.4# |

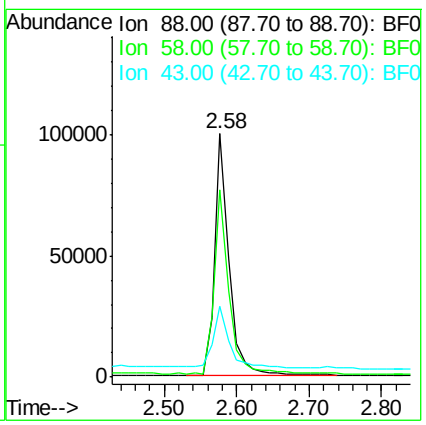


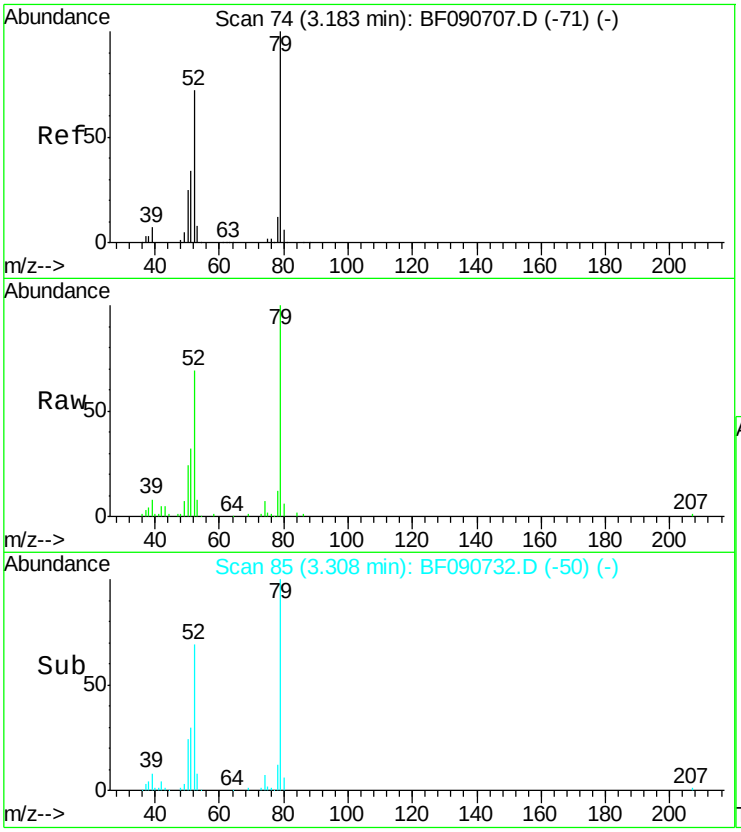




#2
1,4-Dioxane
Concen: 14.20 ng
RT: 2.58 min Scan# 21
Delta R.T. 0.09 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 88 Resp: 139495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.4 | 77.7 | 116.5# |
| 43 | 27.2 | 26.6 | 40.0 |



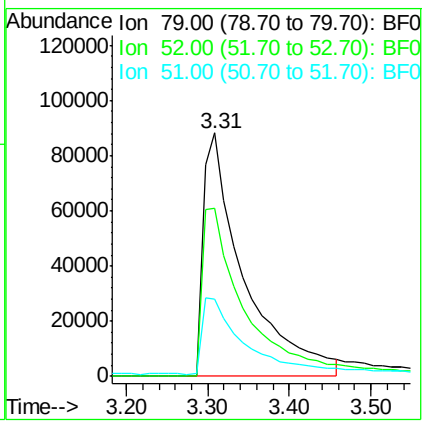


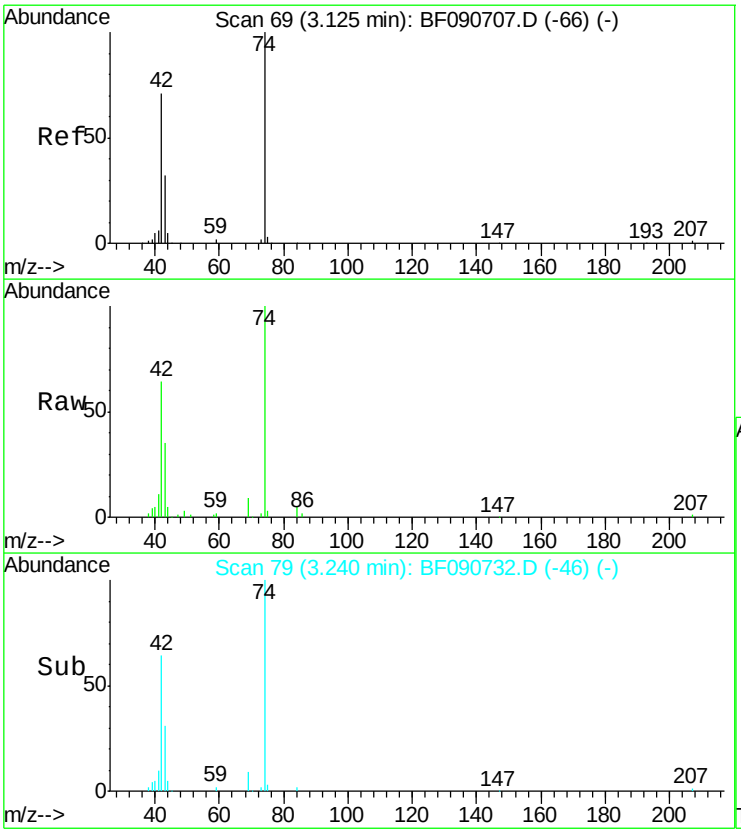

#3
Pyridine
Concen: 13.38 ng
RT: 3.31 min Scan# 85
Delta R.T. 0.10 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 79 Resp: 307998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 68.9 | 76.8 | 115.2# |
| 51 | 31.6 | 32.2 | 48.4# |

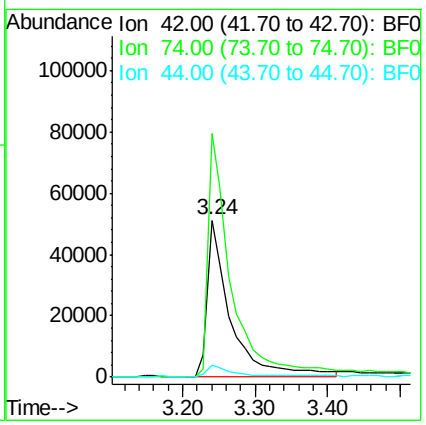


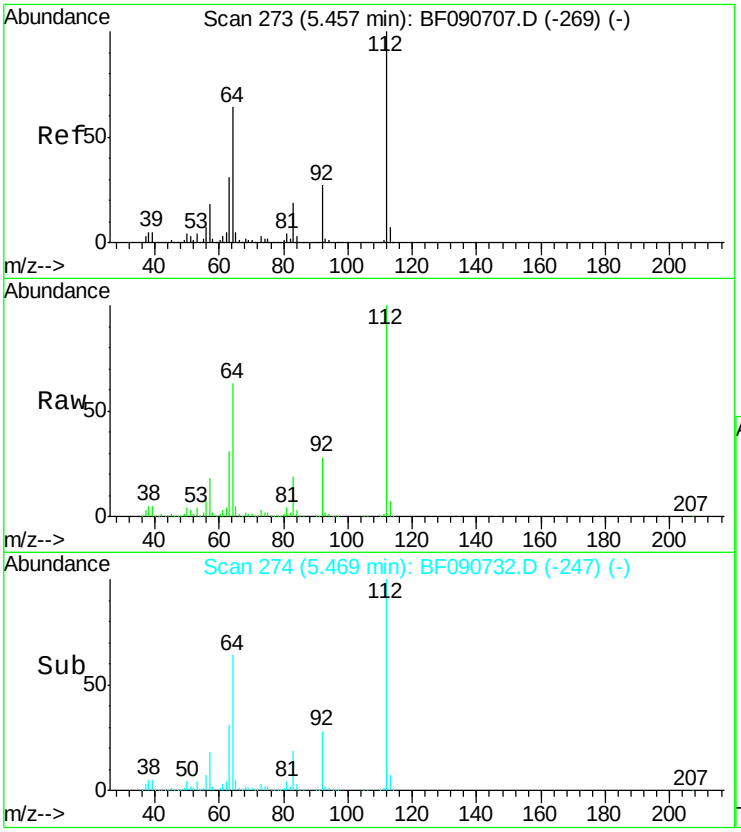




#4
n-Nitrosodimethylamine
Concen: 14.68 ng
RT: 3.24 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 42 Resp: 115648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 155.1 | 105.0 | 157.6 |
| 44 | 7.7 | 6.6 | 10.0 |



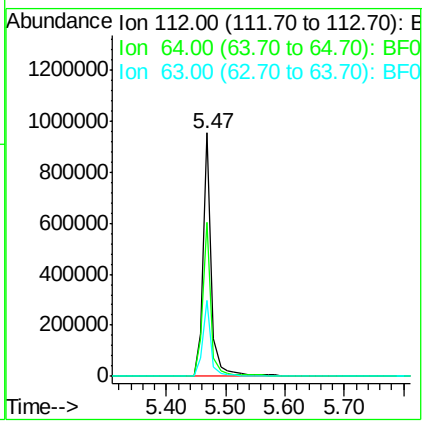


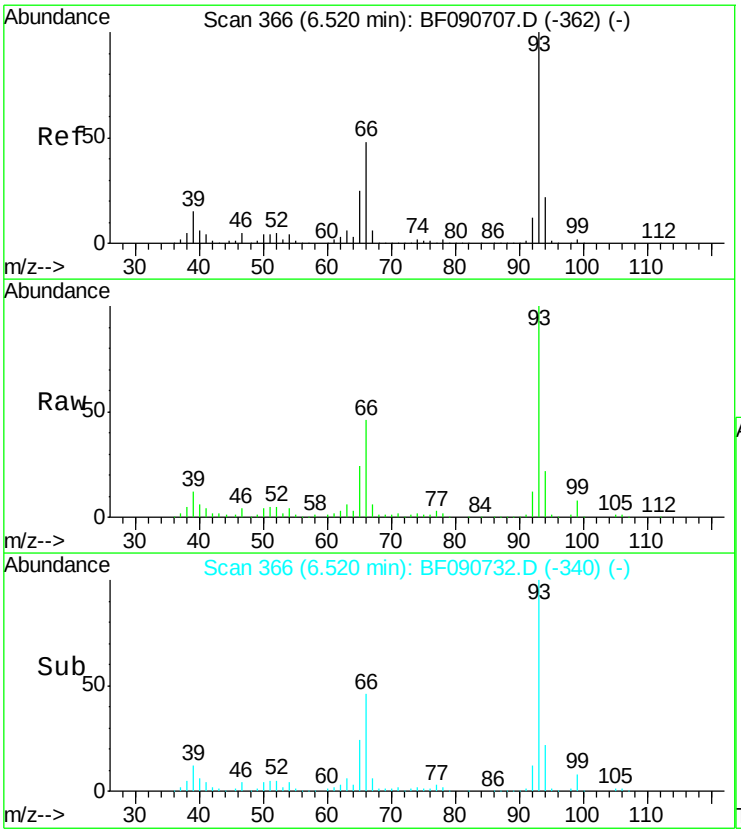

#5
2-Fluorophenol
Concen: 57.12 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:112 Resp: 969920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.5 | 39.7 | 59.5# |
| 63 | 31.1 | 17.4 | 26.0# |

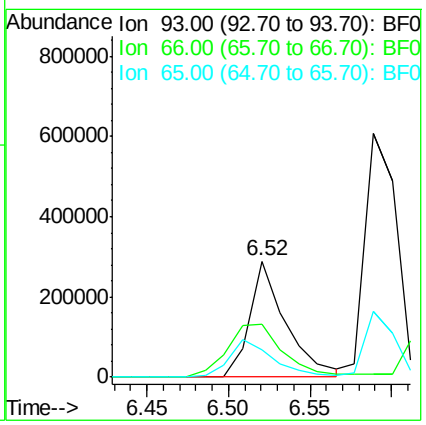


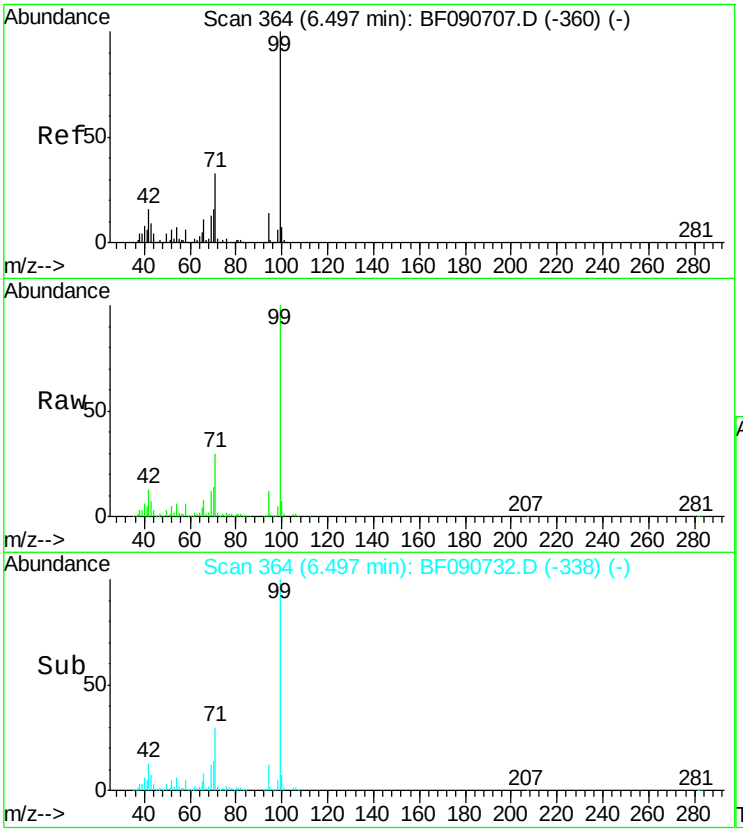




#6
Aniline
Concen: 17.18 ng
RT: 6.52 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 93 Resp: 447972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.1 | 27.2 | 40.8# |
| 65 | 23.5 | 14.7 | 22.1# |



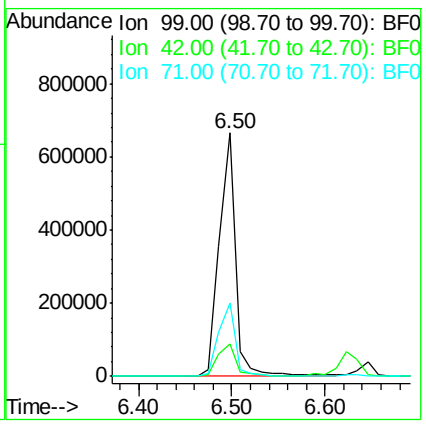


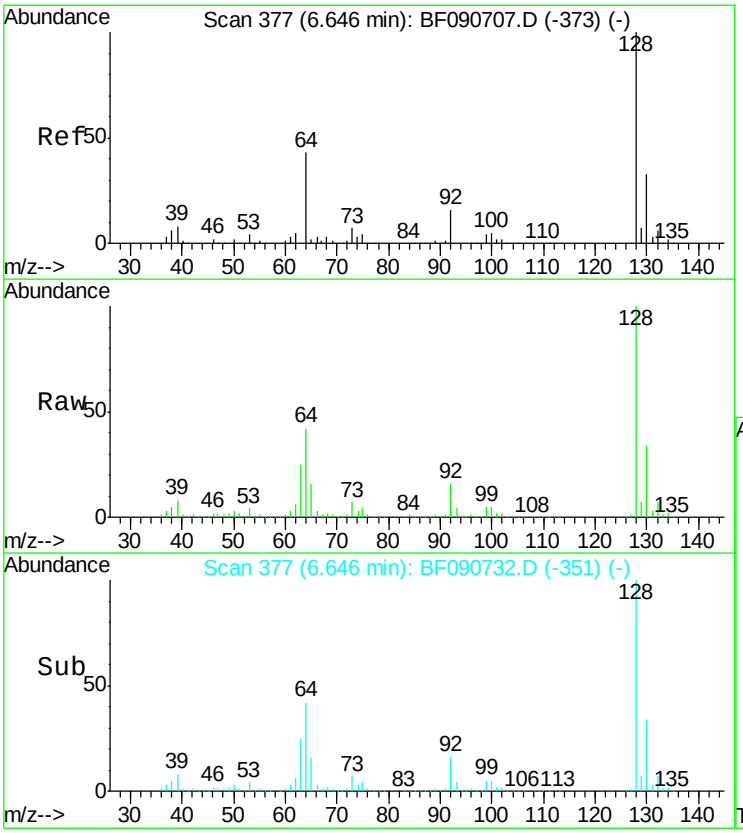

#7
Phenol-d6
Concen: 35.25 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 99 Resp: 810828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.5 | 13.7 | 20.5# |
| 71 | 29.9 | 14.2 | 21.2# |

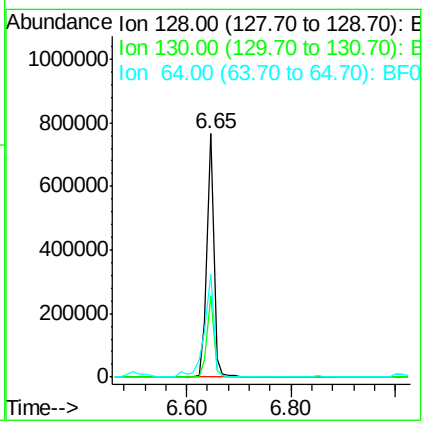


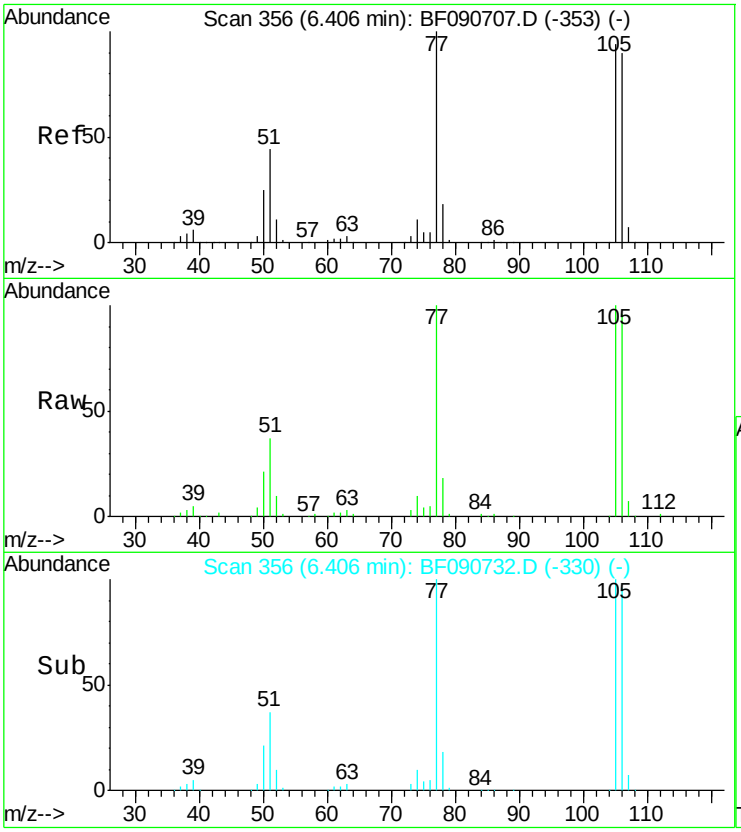




#8
2-Chlorophenol
Concen: 35.11 ng
RT: 6.65 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:128 Resp: 715593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.5 | 12.2 | 52.2 |
| 64 | 42.4 | 20.5 | 60.5 |



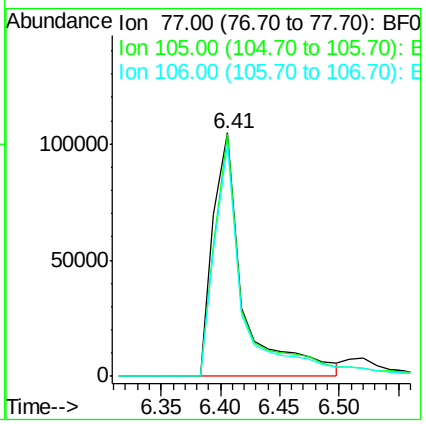


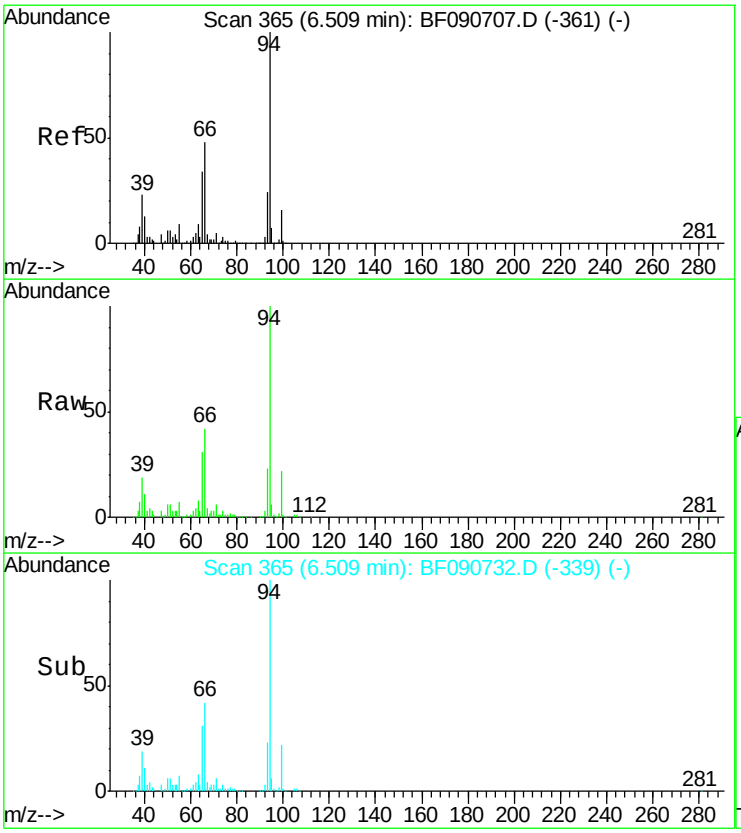

#9
Benzaldehyde
Concen:  14.80 ng
RT: 6.41 min  Scan# 356
Delta R.T.  0.00 min
Lab File:  BF090732.D
Acq: 22 Oct 2016  1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 77 Resp:  186091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.7 | 91.6 | 131.6 |
| 106 | 95.5 | 102.6 | 142.6# |

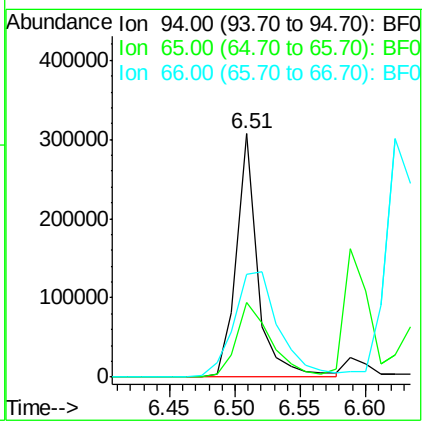


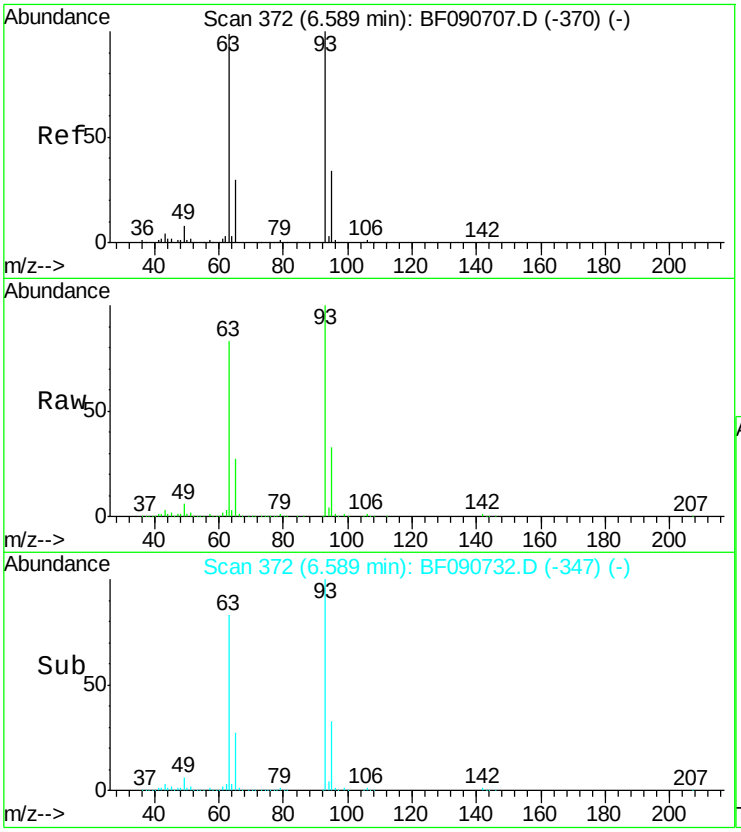




#10
Phenol
Concen:  13.52 ng
RT: 6.51 min  Scan# 365
Delta R.T.  0.00 min
Lab File:  BF090732.D
Acq: 22 Oct 2016  1:27

Tgt Ion: 94 Resp:  349640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.9 | 0.7 | 40.7 |
| 66 | 42.1 | 0.8 | 40.8# |



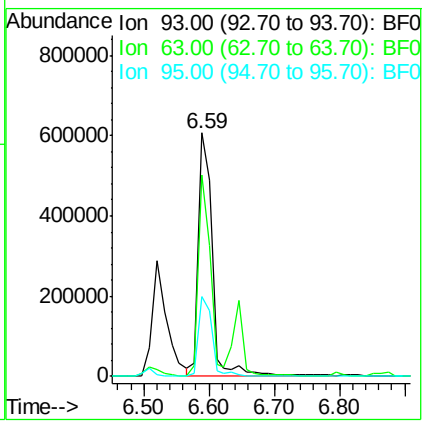


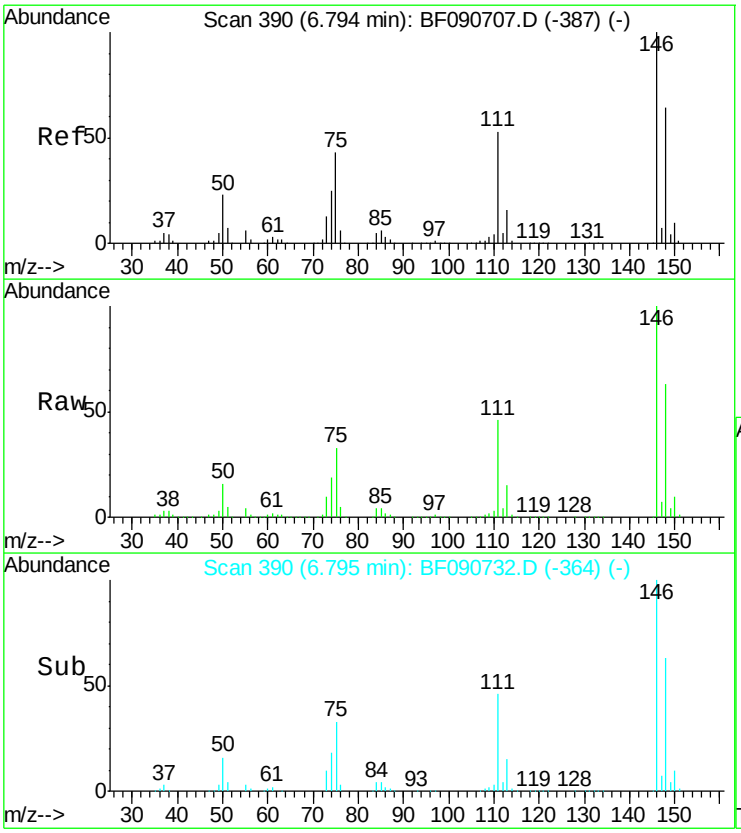

#11
bis(2-Chloroethyl)ether
Concen: 40.40 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 93 Resp: 877682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.5 | 65.6 | 105.6 |
| 95 | 32.7 | 13.6 | 53.6 |

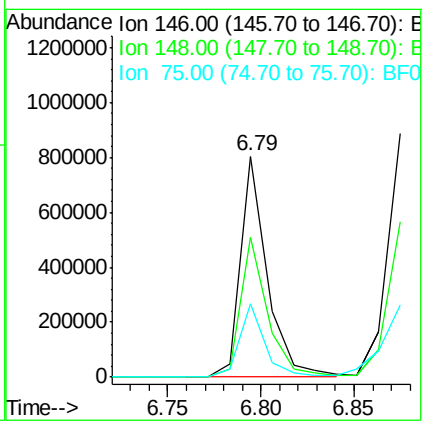


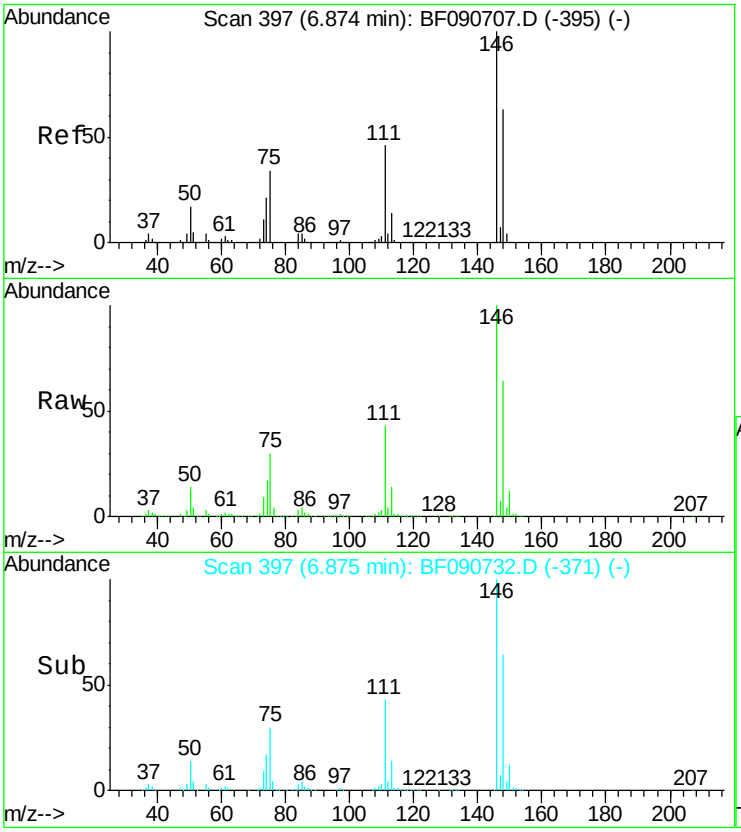




#12
1,3-Dichlorobenzene
Concen: 39.30 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:146 Resp: 804728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.0 | 76.4 |
| 75 | 33.3 | 15.0 | 22.6# |



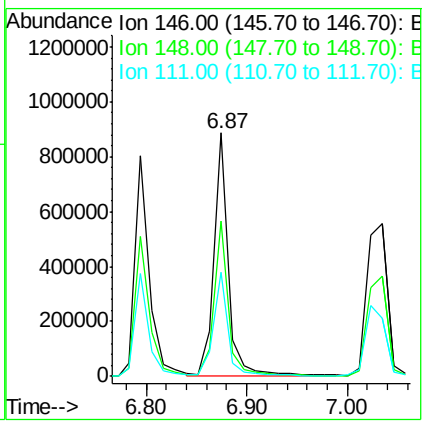


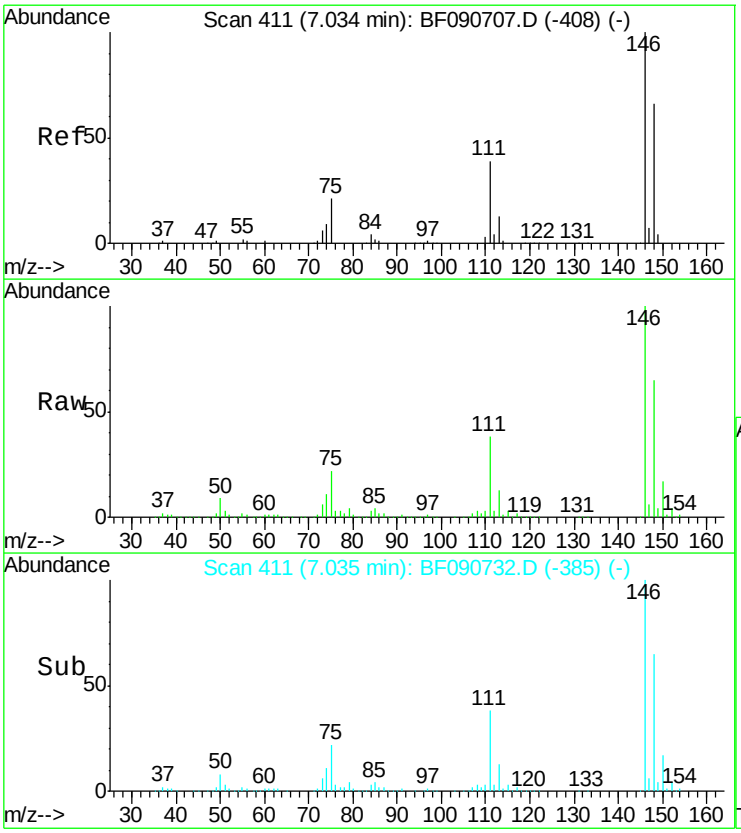

#13
1,4-Dichlorobenzene
Concen: 40.79 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:146 Resp: 885906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.8 | 77.6 |
| 111 | 42.6 | 24.9 | 37.3# |

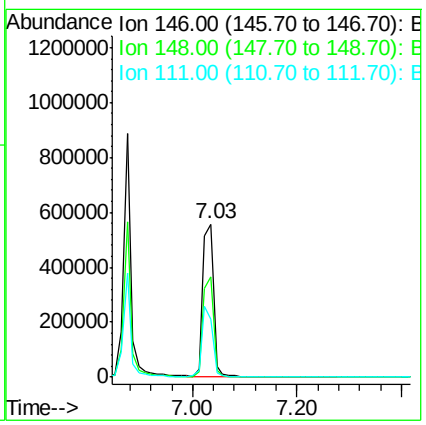


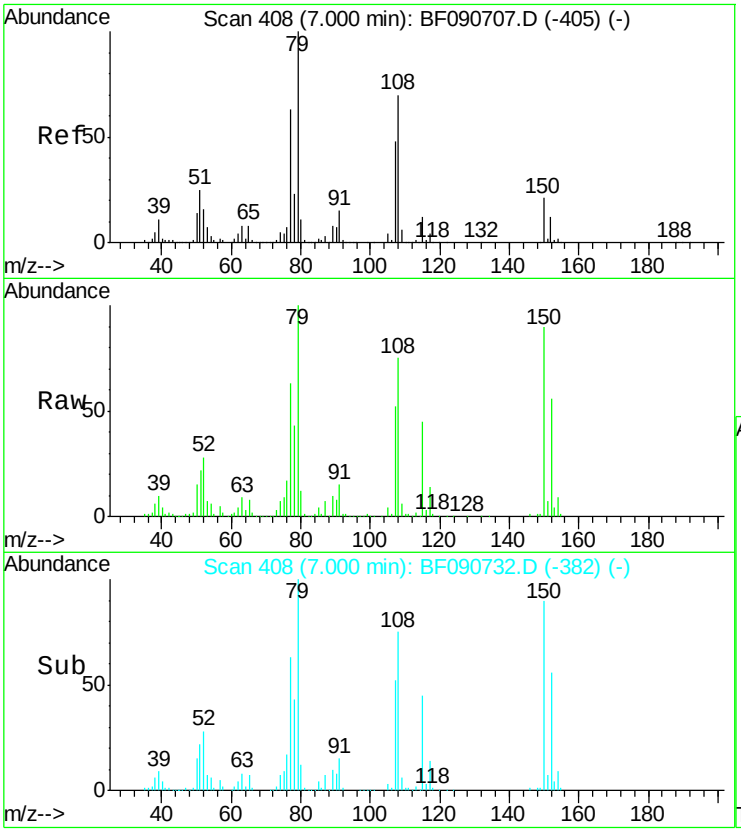




#14
1,2-Dichlorobenzene
Concen: 38.30 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:146 Resp: 814261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 52.7 | 79.1 |
| 111 | 37.5 | 28.8 | 43.2 |



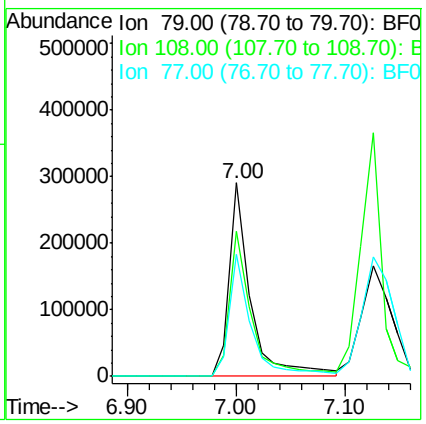


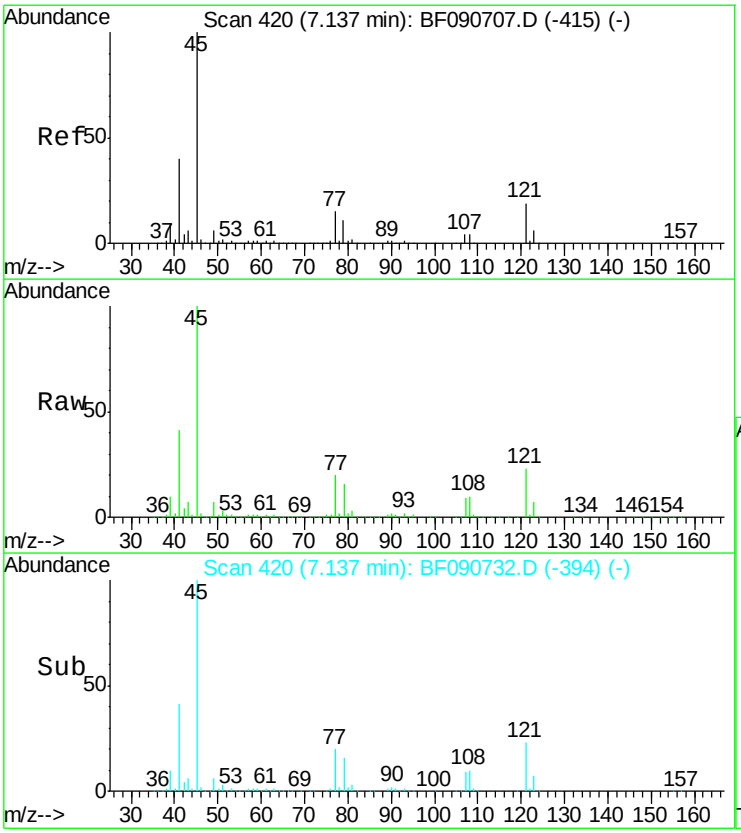

#15
Benzyl Alcohol
Concen: 25.36 ng
RT: 7.00 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 79 Resp: 396139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.3 | 88.6 | 132.8# |
| 77 | 62.9 | 47.0 | 70.4 |

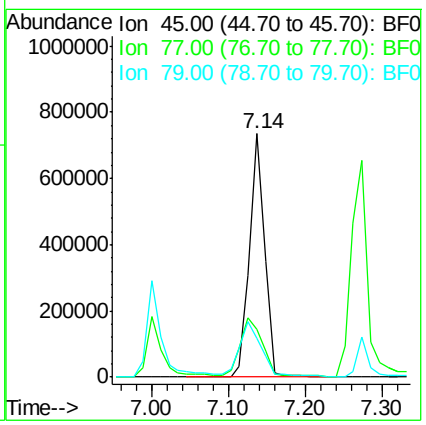


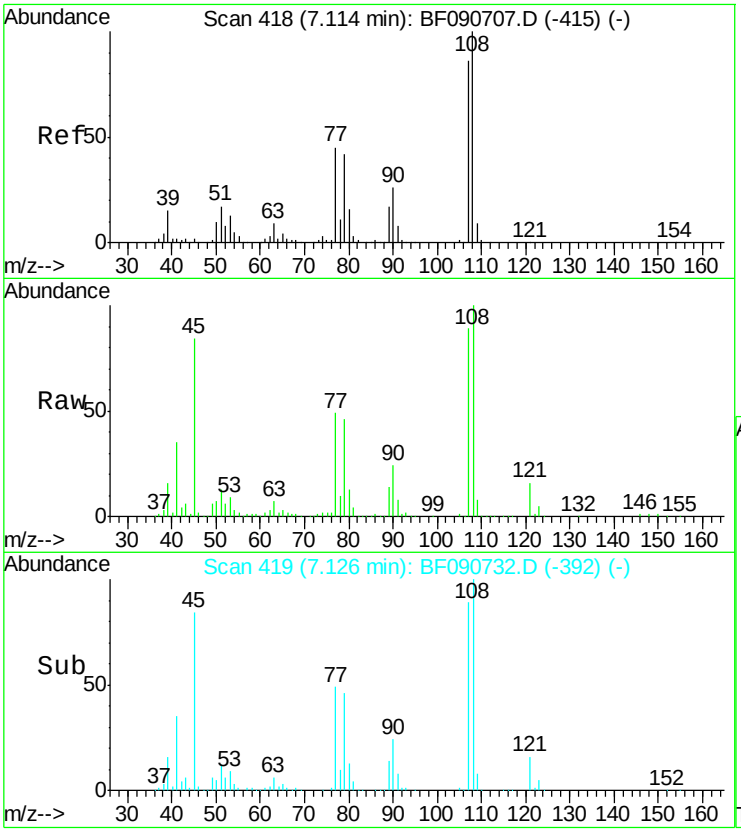




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.79 ng
RT: 7.14 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 45 Resp: 1001738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.7 | 0.0 | 28.1 |
| 79 | 16.0 | 0.0 | 26.0 |



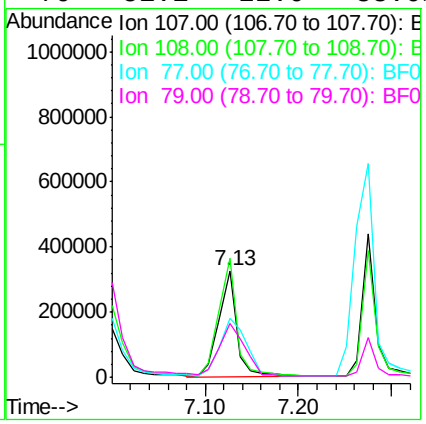


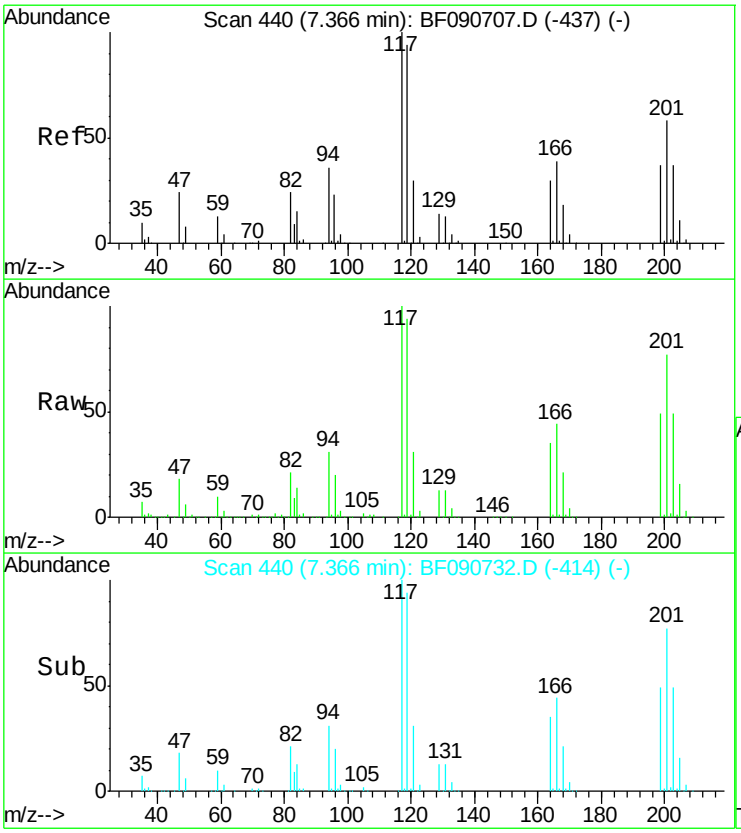

#17
2-Methylphenol
Concen: 28.83 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:107 Resp: 442757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.0 | 96.6 | 145.0 |
| 77 | 55.1 | 23.3 | 34.9# |
| 79 | 51.1 | 22.0 | 33.0# |

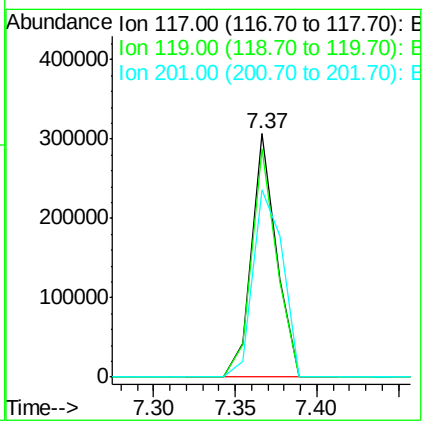


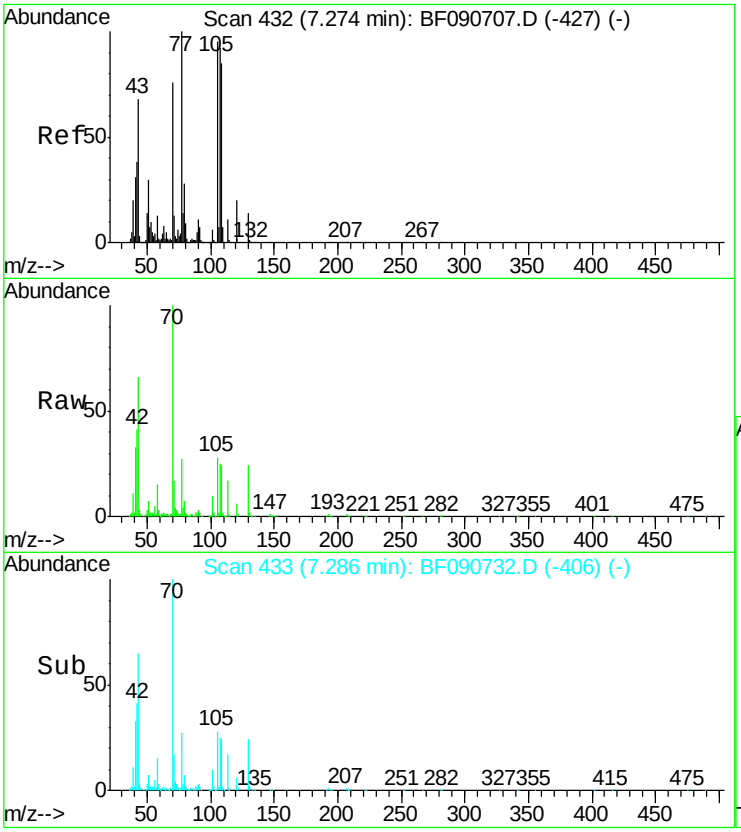




#18
Hexachloroethane
Concen: 36.76 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:117 Resp: 324138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.6 | 83.8 | 125.6 |
| 201 | 76.8 | 55.1 | 82.7 |



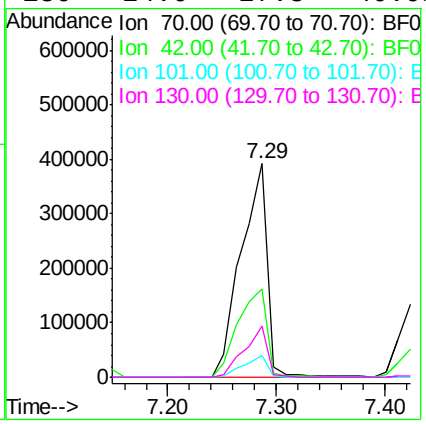


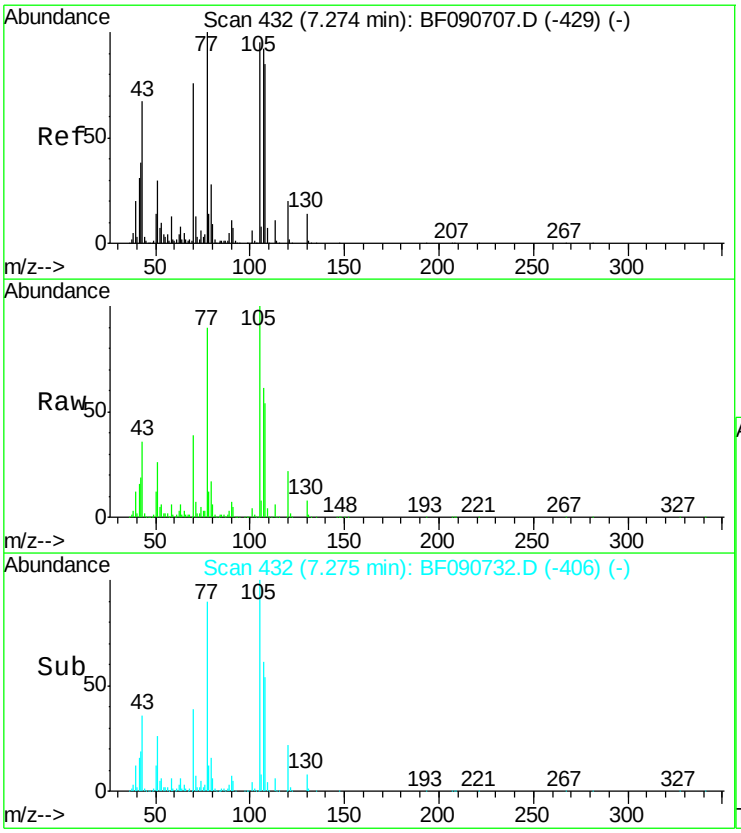

#19
n-Nitroso-di-n-propylamine
Concen: 38.13 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 70 Resp: 653042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 41.1 | 63.8 | 95.6# |
| 101 | 10.0 | 9.2 | 13.8 |
| 130 | 24.0 | 27.3 | 40.9# |

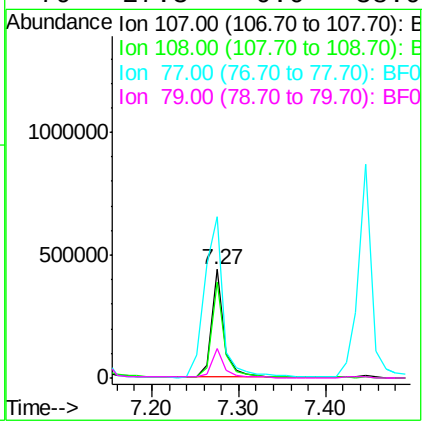


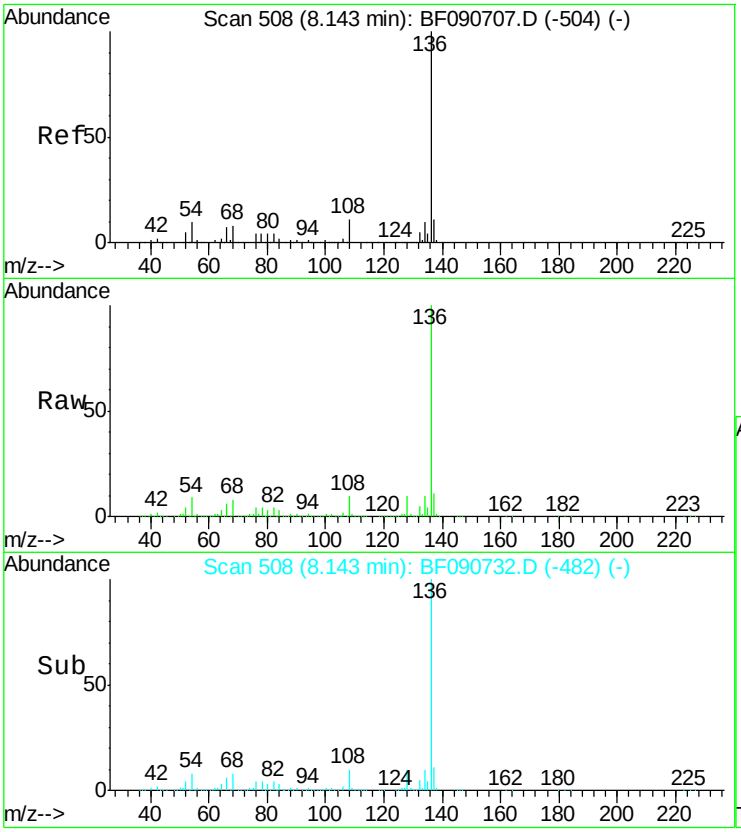




#20
3+4-Methylphenols
Concen: 24.39 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:107 Resp: 443946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.3 | 74.6 | 114.6 |
| 77 | 148.8 | 0.7 | 40.7# |
| 79 | 27.3 | 0.0 | 38.9 |



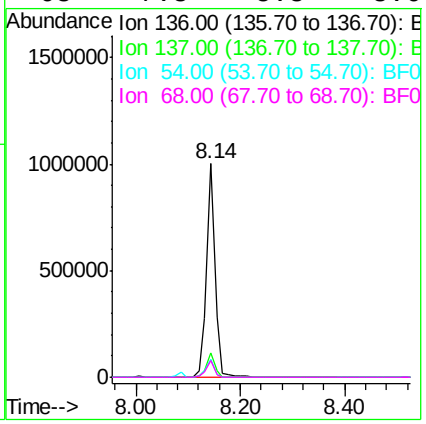


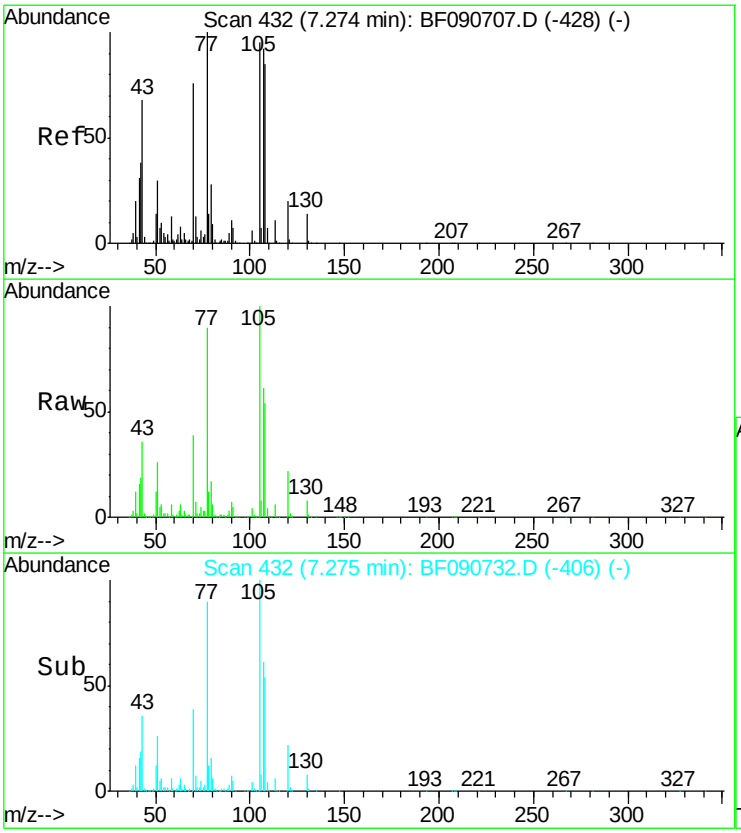

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:136 Resp: 1140245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.0 | 13.6 |
| 54 | 8.6 | 8.2 | 12.2 |
| 68 | 7.8 | 5.8 | 8.6 |

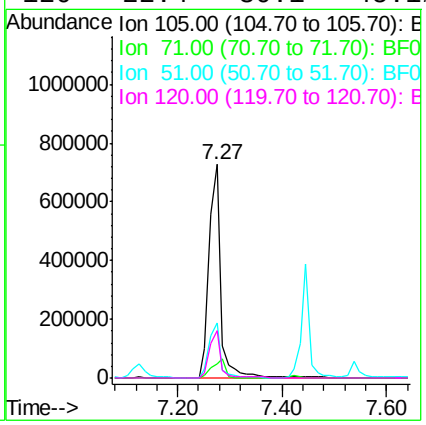


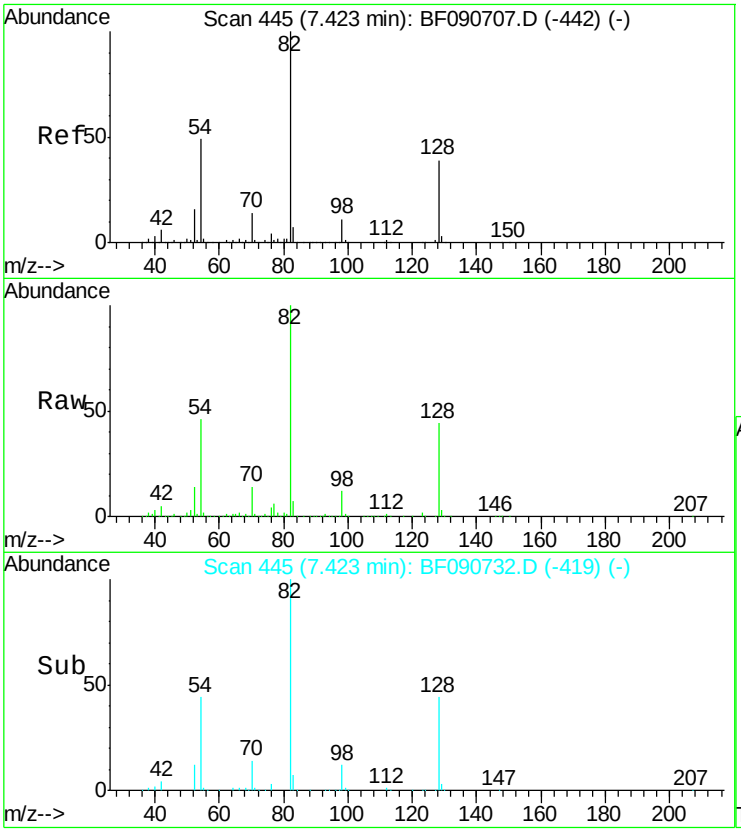




#22
Acetophenone
Concen: 44.84 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:105 Resp: 1139347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.6 | 4.7 | 7.1 |
| 51 | 26.0 | 22.0 | 33.0 |
| 120 | 22.4 | 30.1 | 45.1# |



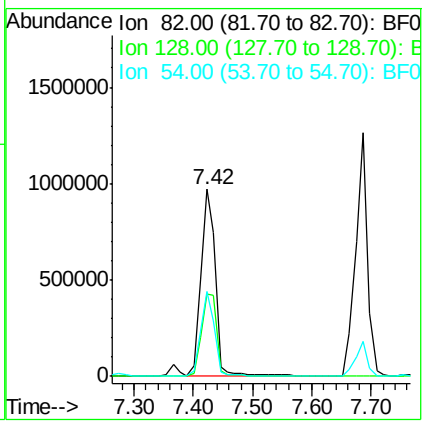


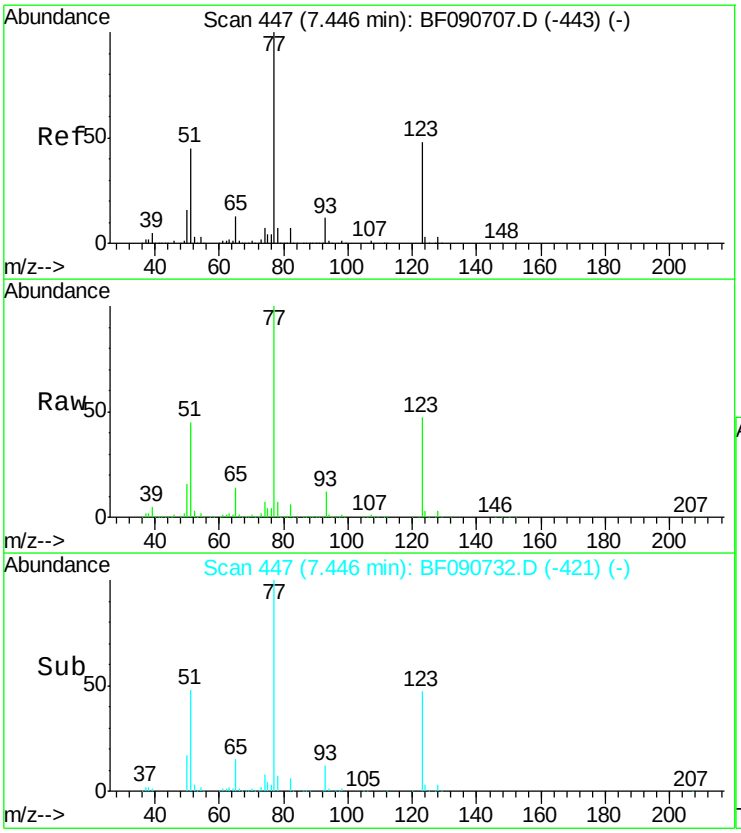

#23
Nitrobenzene-d5
Concen: 81.18 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 82 Resp: 1687696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 51.0 | 76.6# |
| 54 | 45.6 | 47.5 | 71.3# |

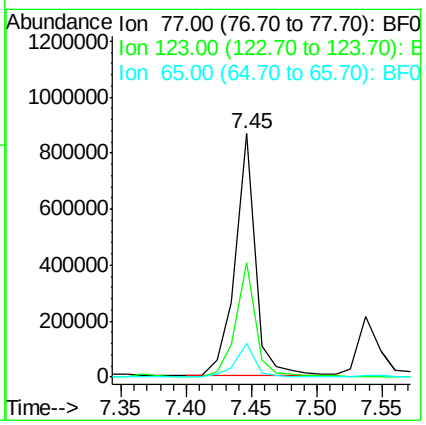


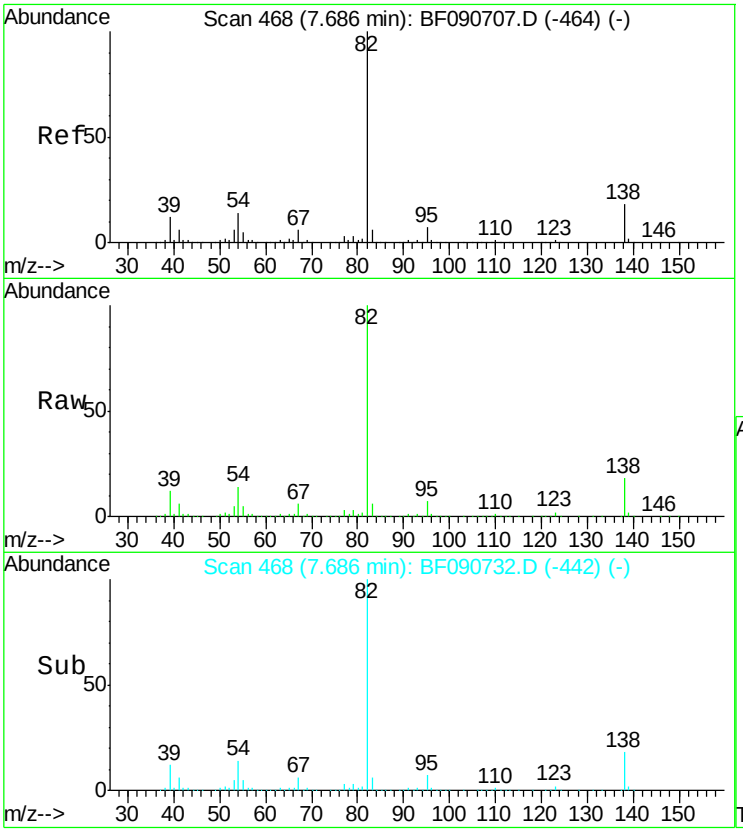




#24
Nitrobenzene
Concen: 41.63 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 77 Resp: 938161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.9 | 59.8 | 89.8# |
| 65 | 13.6 | 10.2 | 15.4 |



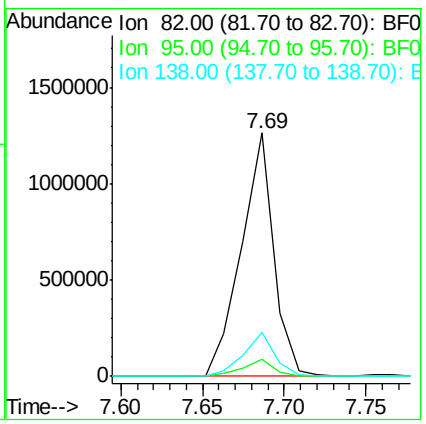


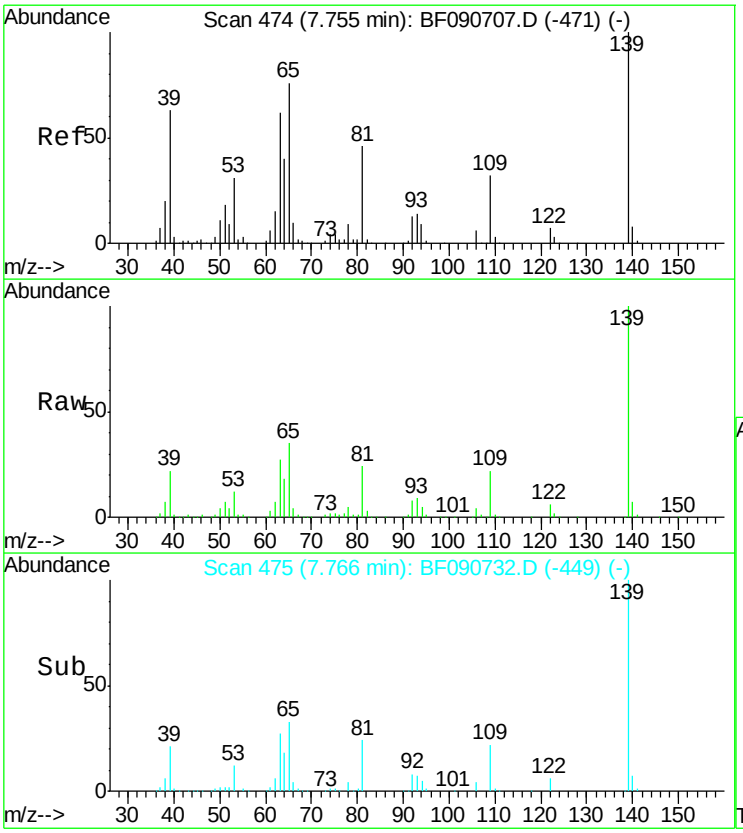

#25
Isophorone
Concen: 44.11 ng
RT: 7.69 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 82 Resp: 1736082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.8 | 4.0 | 6.0# |
| 138 | 18.1 | 18.3 | 27.5# |

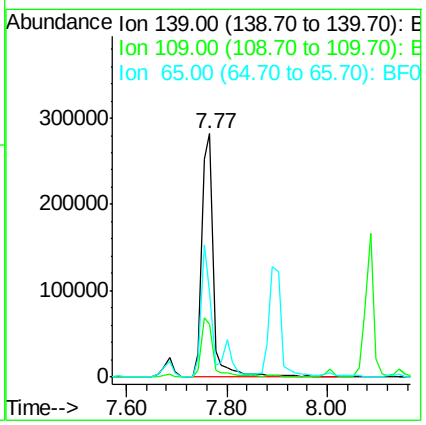


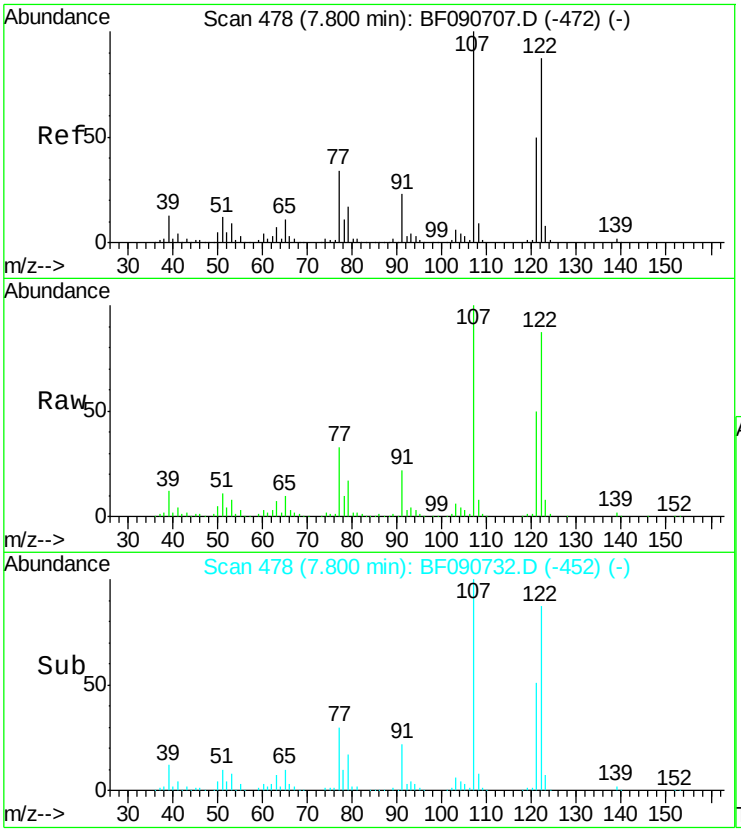




#26
2-Nitrophenol
Concen: 49.32 ng
RT: 7.77 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:139 Resp: 454092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 21.8 | 11.0 | 16.4# |
| 65 | 35.0 | 24.7 | 37.1 |



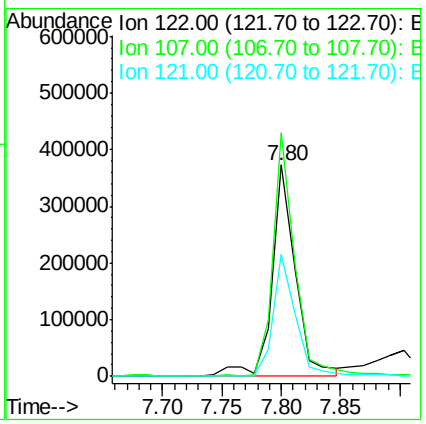


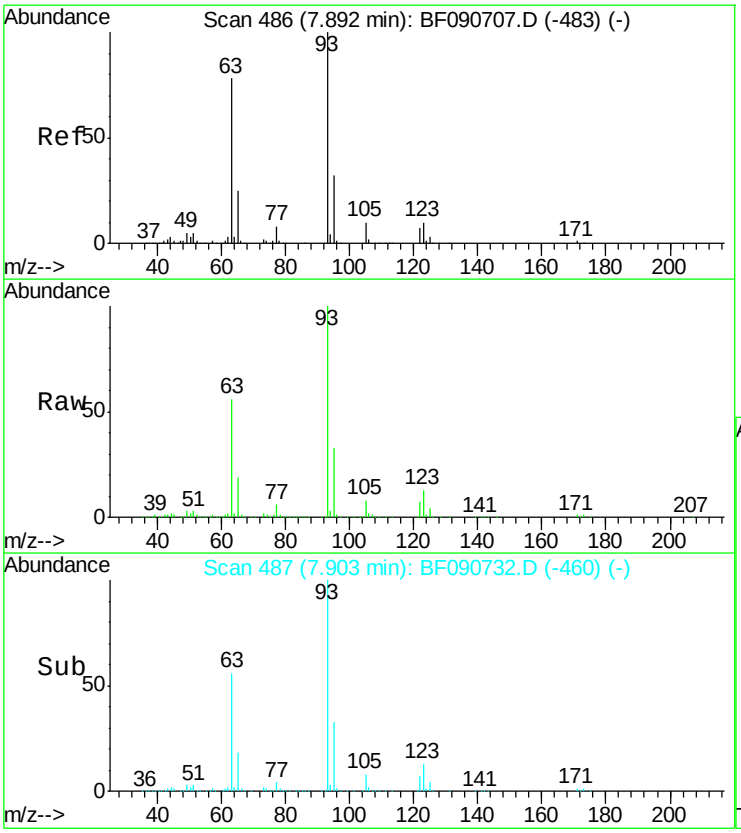

#27
2,4-Dimethylphenol
Concen: 31.30 ng
RT: 7.80 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:122 Resp: 511048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.4 | 71.8 | 107.6# |
| 121 | 58.0 | 42.3 | 63.5 |

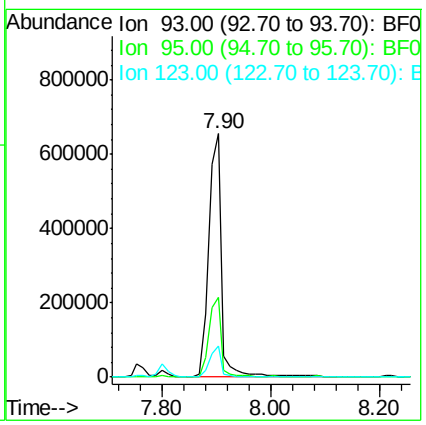


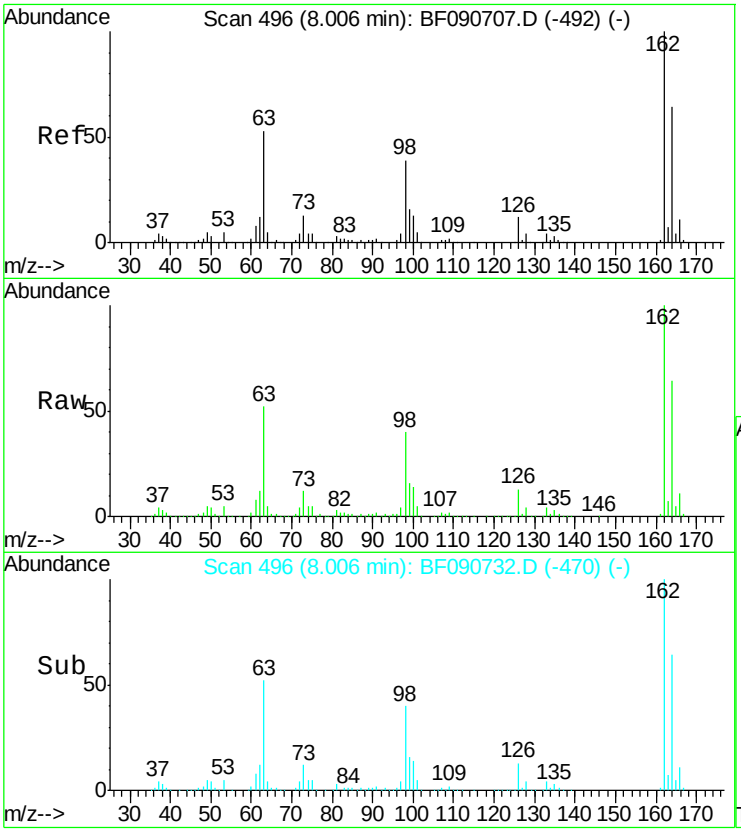




#28
bis(2-Chloroethoxy)methane
Concen: 49.80 ng
RT: 7.90 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 93 Resp: 1072206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 27.5 | 41.3 |
| 123 | 12.9 | 13.7 | 20.5# |



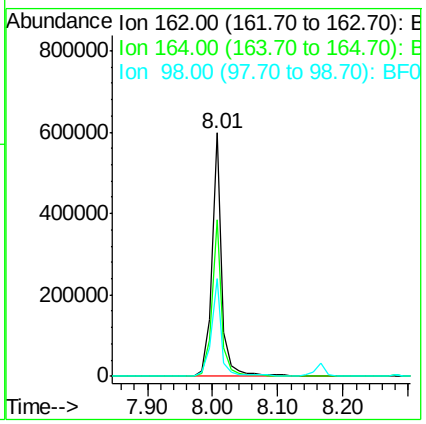


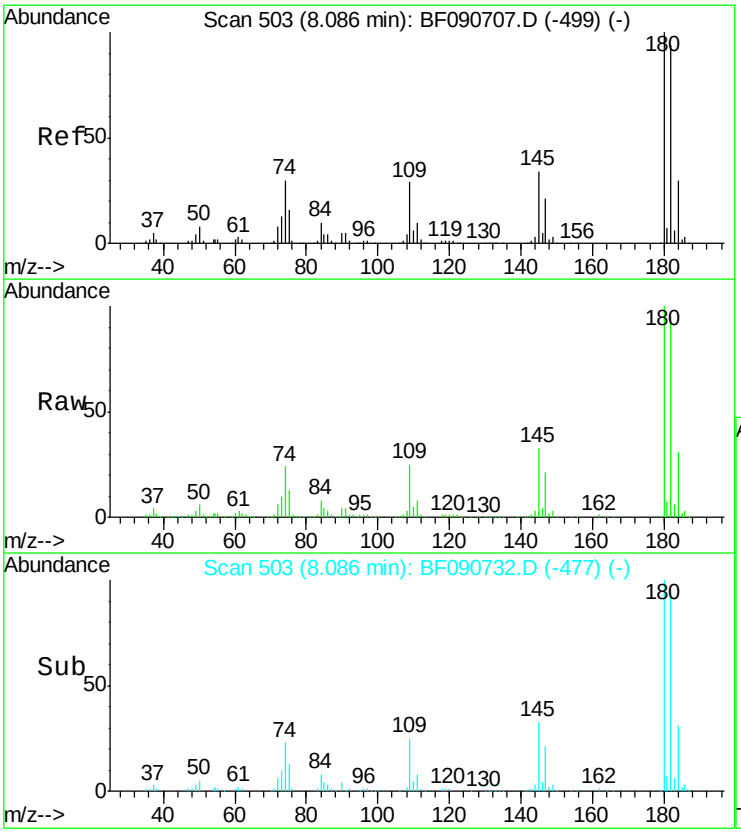

#29
2,4-Dichlorophenol
Concen: 48.22 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:162 Resp: 646017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 44.9 | 84.9 |
| 98 | 40.0 | 13.0 | 53.0 |

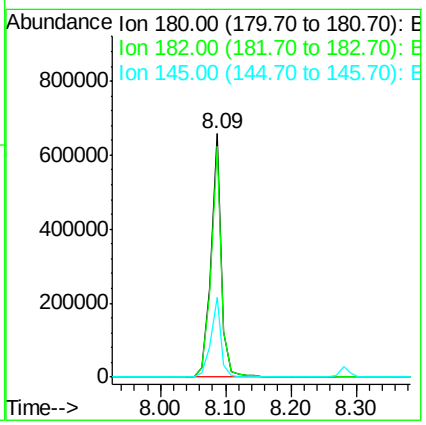


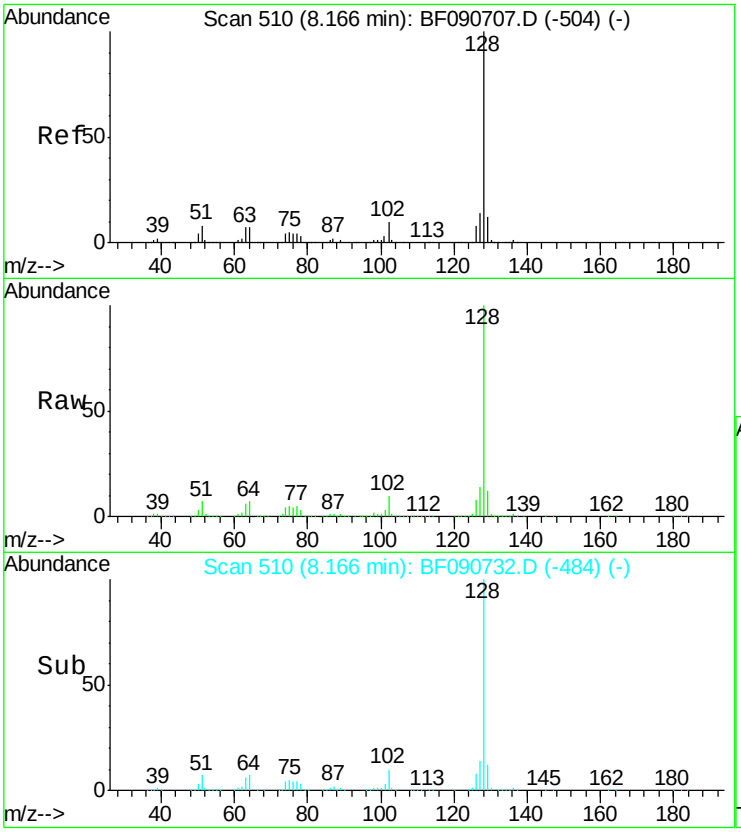




#30
1,2,4-Trichlorobenzene
Concen: 47.24 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:180 Resp: 744833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 77.1 | 115.7 |
| 145 | 32.8 | 23.3 | 34.9 |



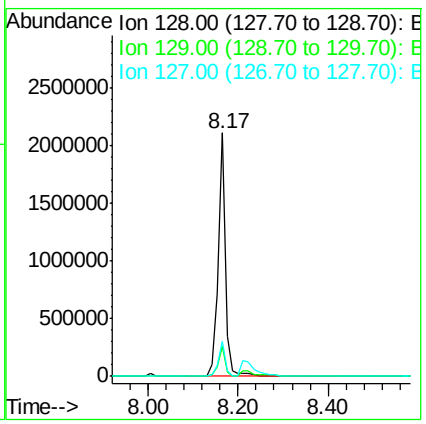


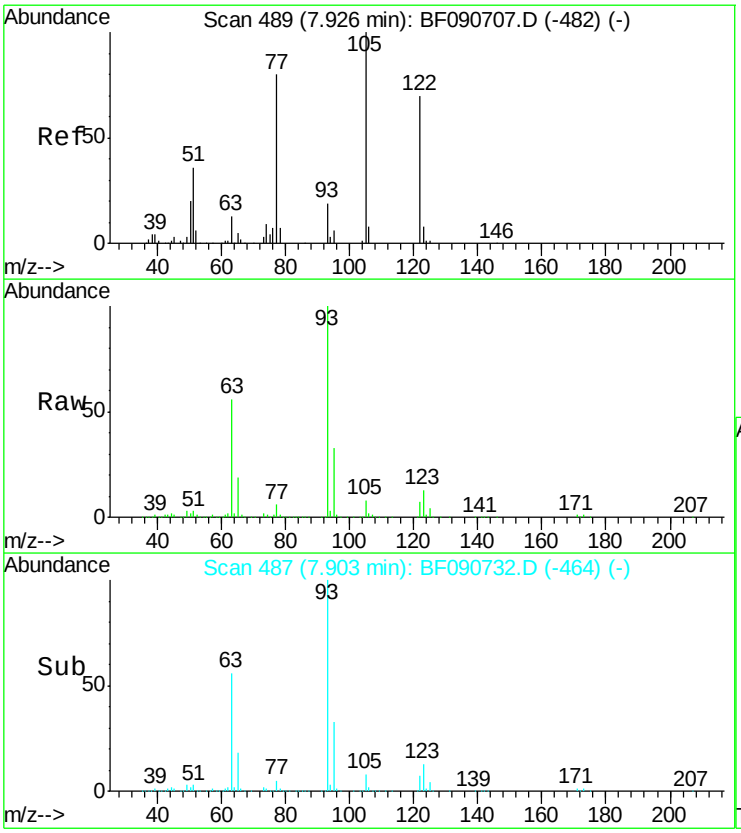

#31
Naphthalene
Concen: 42.57 ng
RT: 8.17 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:128 Resp: 2374359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.1 | 8.4 | 12.6 |
| 127 | 14.1 | 9.9 | 14.9 |

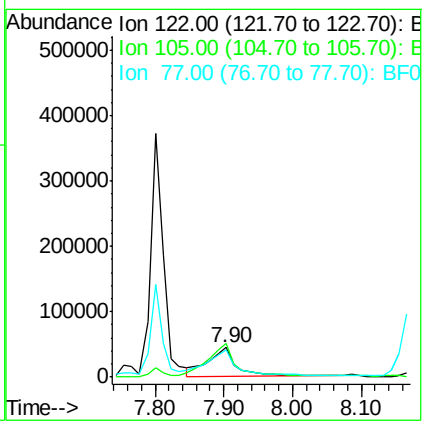


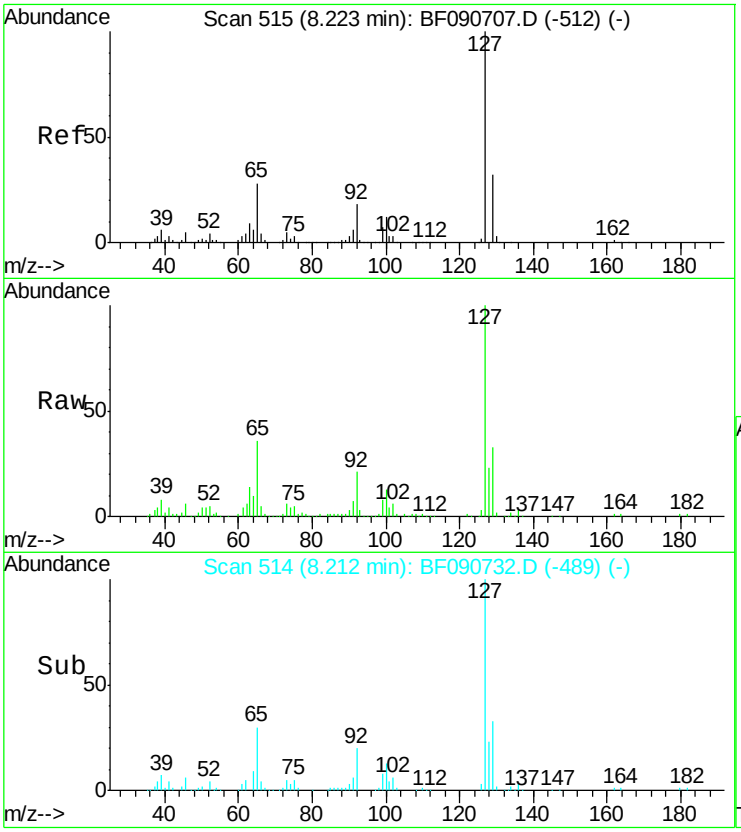




#32
Benzoic acid
Concen: 17.28 ng
RT: 7.90 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:122 Resp: 132931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.3 | 76.1 | 116.1 |
| 77 | 92.5 | 40.5 | 80.5# |



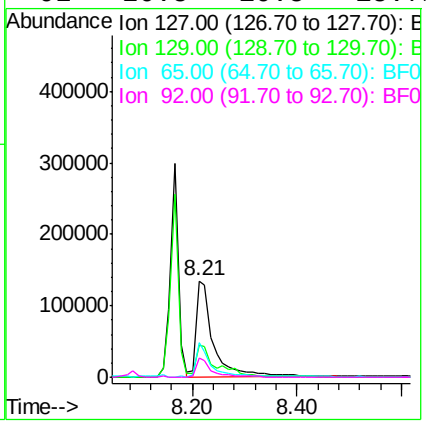


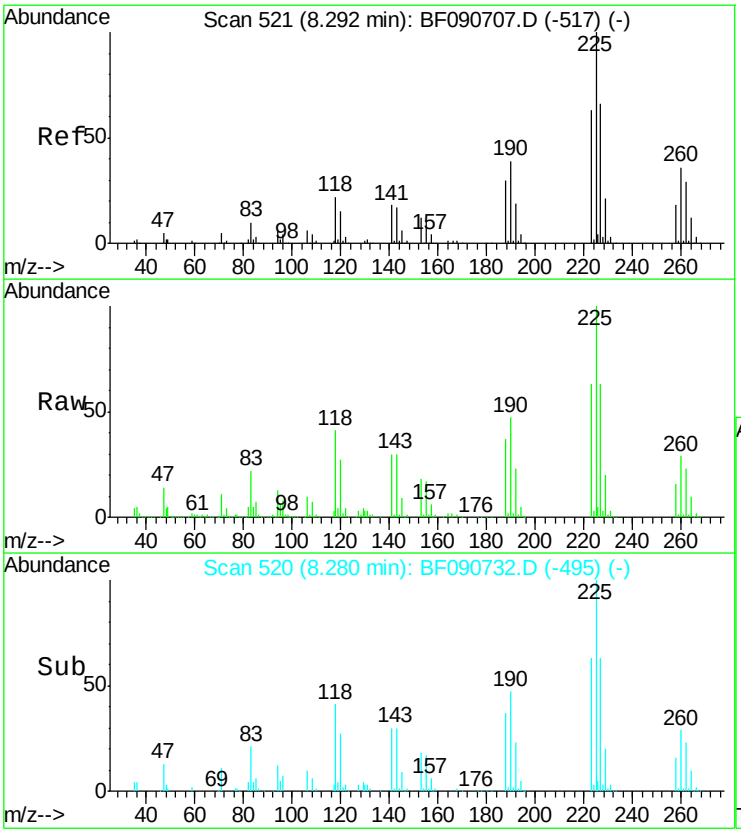

#33
4-Chloroaniline
Concen: 14.83 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:127 Resp: 306714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 25.8 | 38.6 |
| 65 | 35.5 | 17.9 | 26.9# |
| 92 | 20.5 | 10.5 | 15.7# |

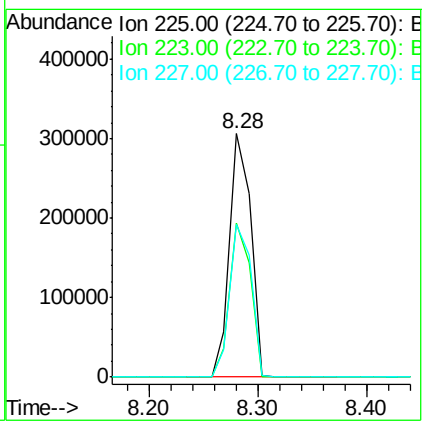


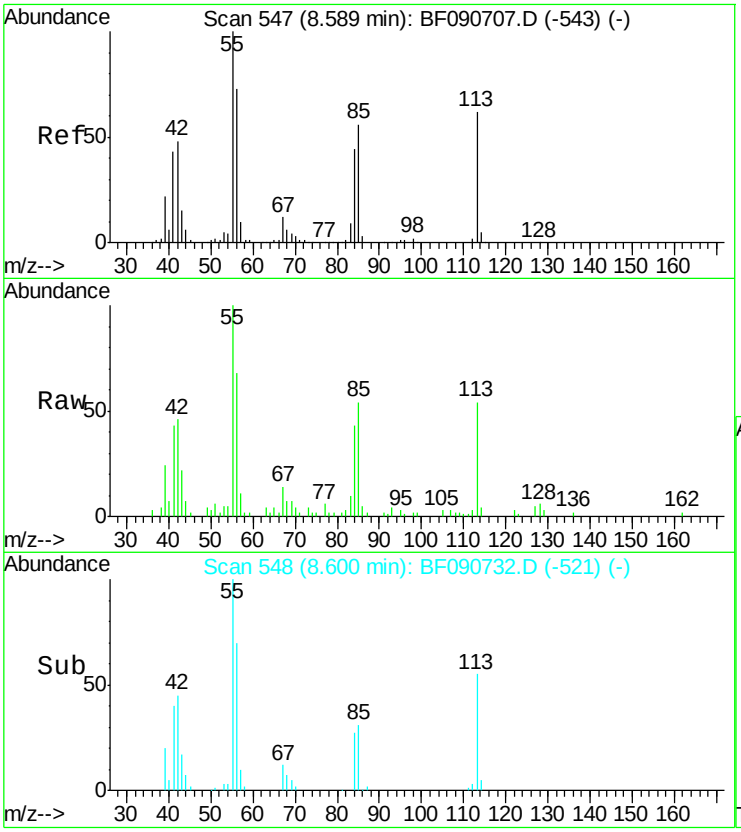




#34
Hexachlorobutadiene
Concen: 46.42 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:225 Resp: 411573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 50.2 | 75.2 |
| 227 | 62.7 | 52.2 | 78.2 |



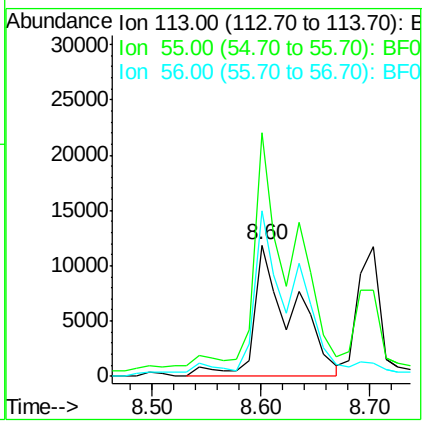


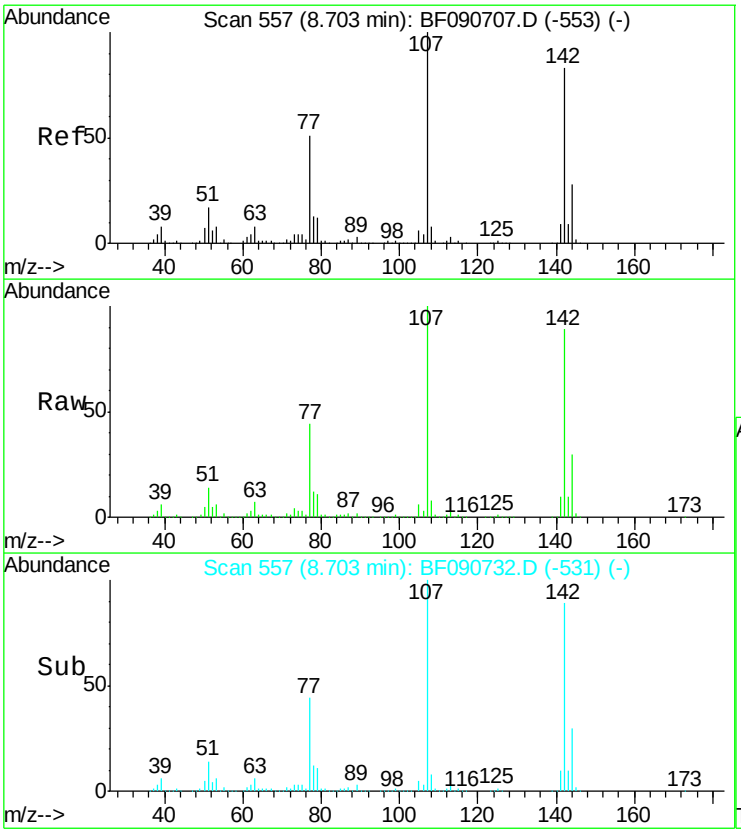

#35
Caprolactam
Concen: 7.86 ng
RT: 8.60 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:113 Resp: 30089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 185.0 | 152.4 | 192.4 |
| 56 | 126.2 | 104.6 | 144.6 |

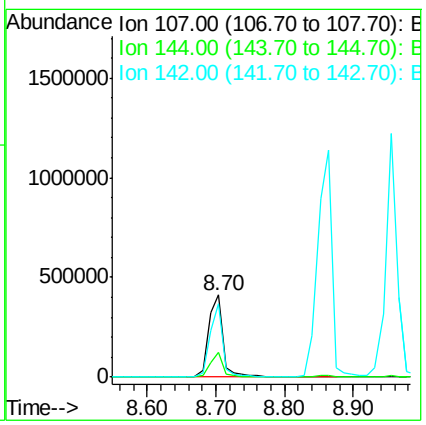


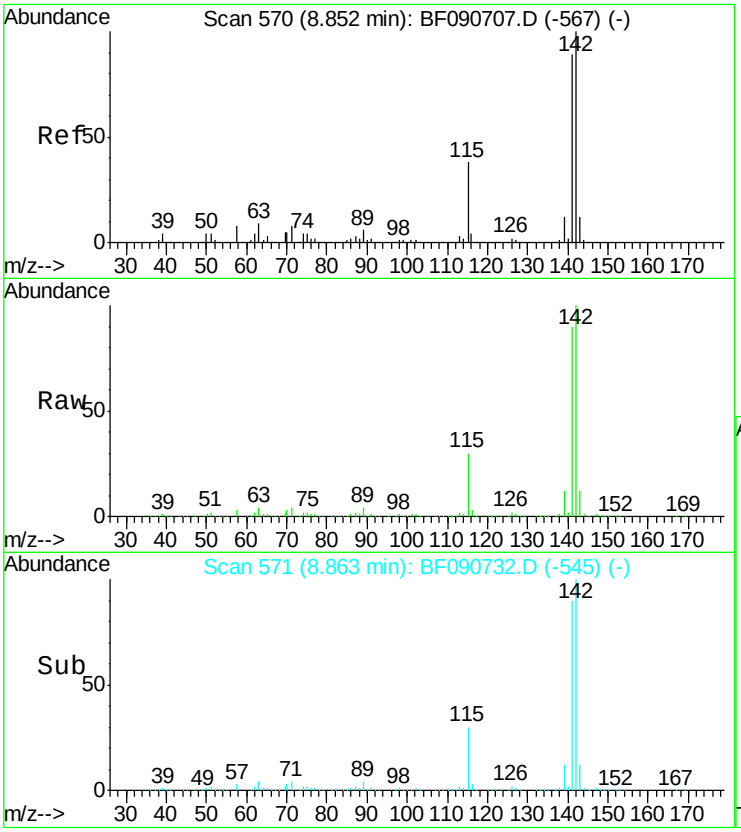




#36
4-Chloro-3-methylphenol
Concen: 38.96 ng
RT: 8.70 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:107 Resp: 607169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.6 | 25.4 | 38.0 |
| 142 | 89.1 | 77.3 | 115.9 |



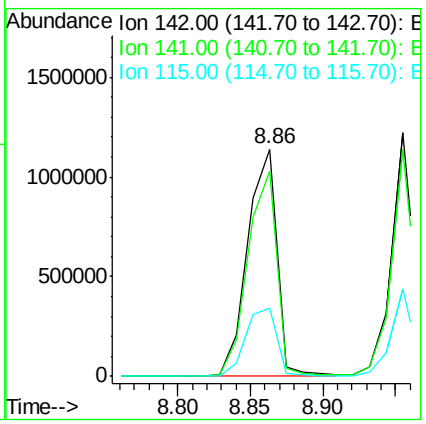


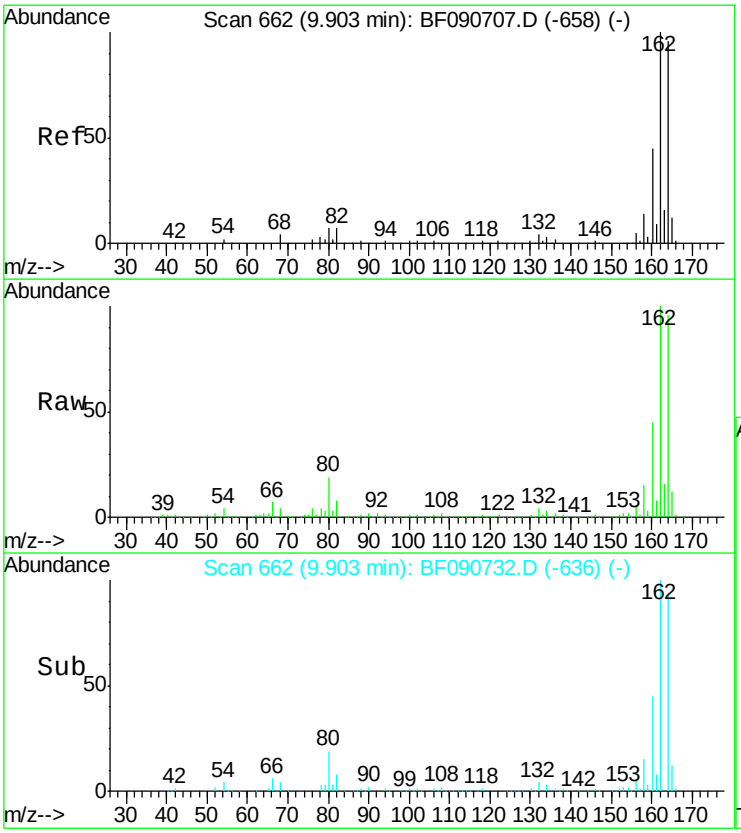

#37
2-Methylnaphthalene
Concen: 48.90 ng
RT: 8.86 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:142 Resp: 1593945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 67.5 | 101.3 |
| 115 | 30.3 | 18.2 | 27.2# |

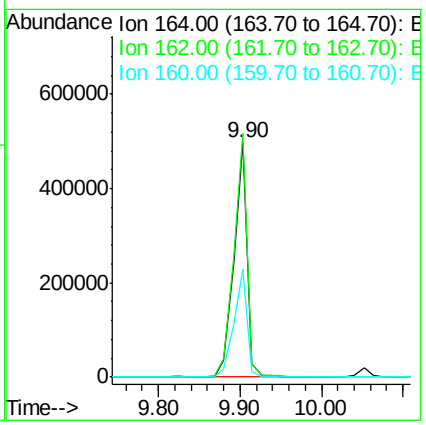


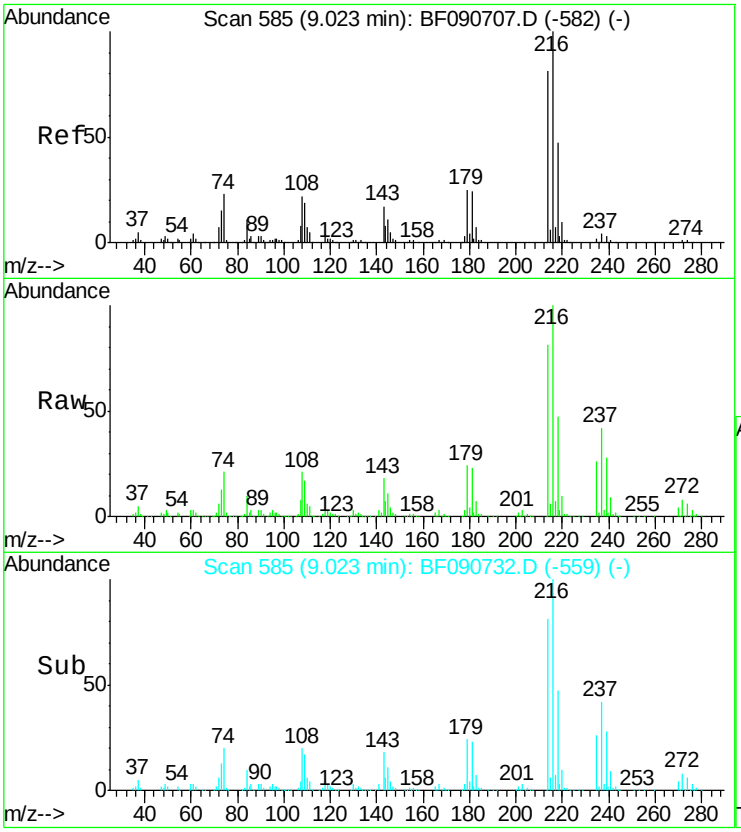




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:164 Resp: 564758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 75.2 | 112.8 |
| 160 | 46.3 | 31.5 | 47.3 |



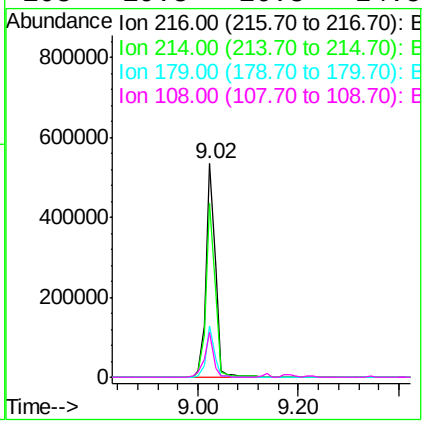


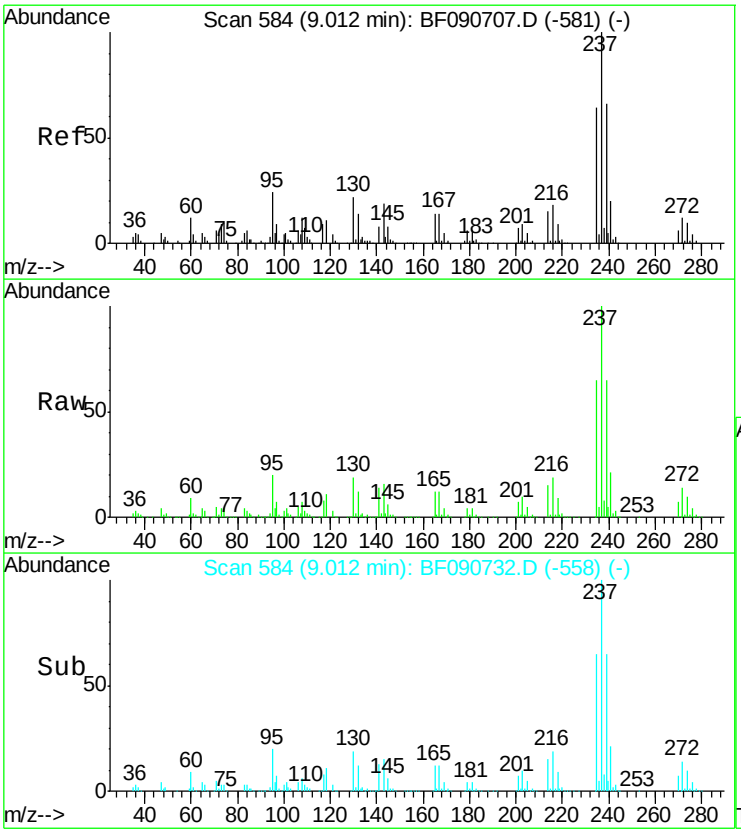

#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.26 ng
RT: 9.02 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:216 Resp: 690197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 63.5 | 95.3 |
| 179 | 21.5 | 16.6 | 24.8 |
| 108 | 19.3 | 16.3 | 24.5 |

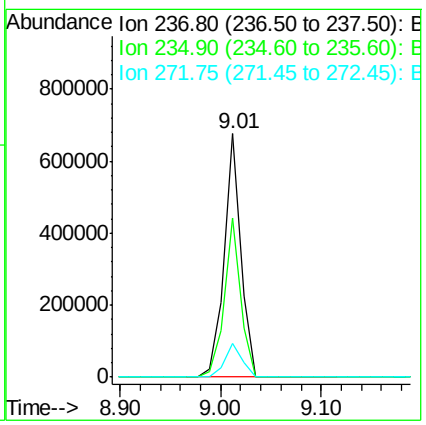


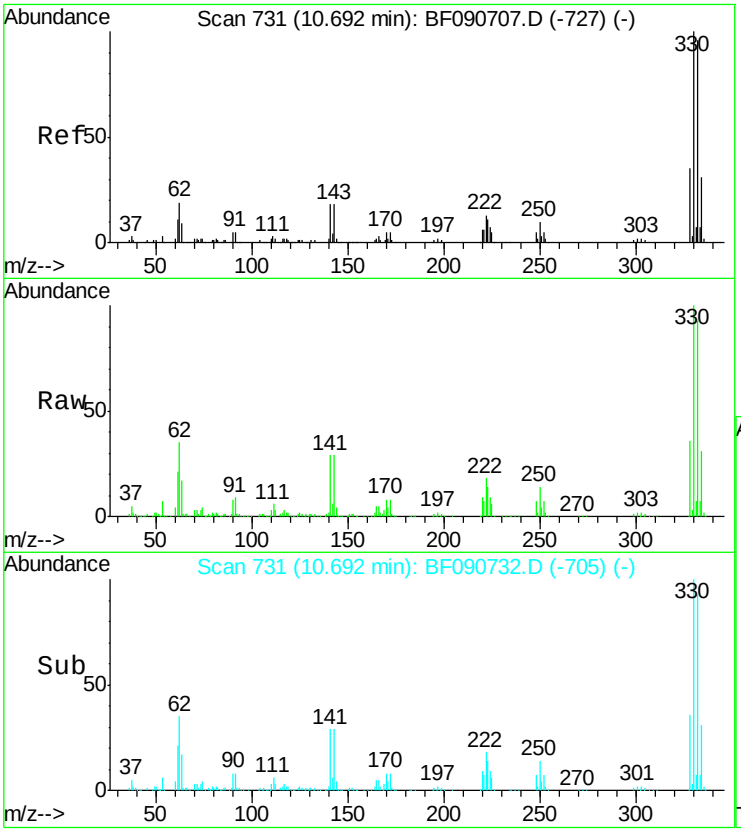




#40
Hexachlorocyclopentadiene
Concen: 108.73 ng
RT: 9.01 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:237 Resp: 778443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.3 | 42.0 | 82.0 |
| 272 | 13.6 | 0.0 | 36.1 |



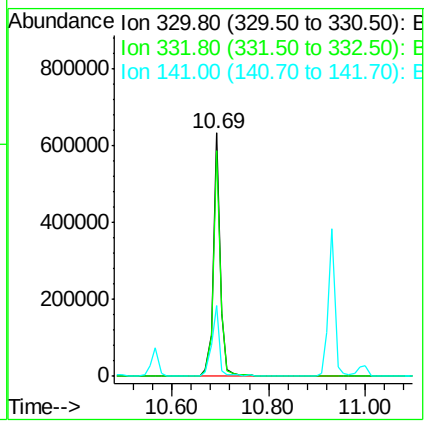


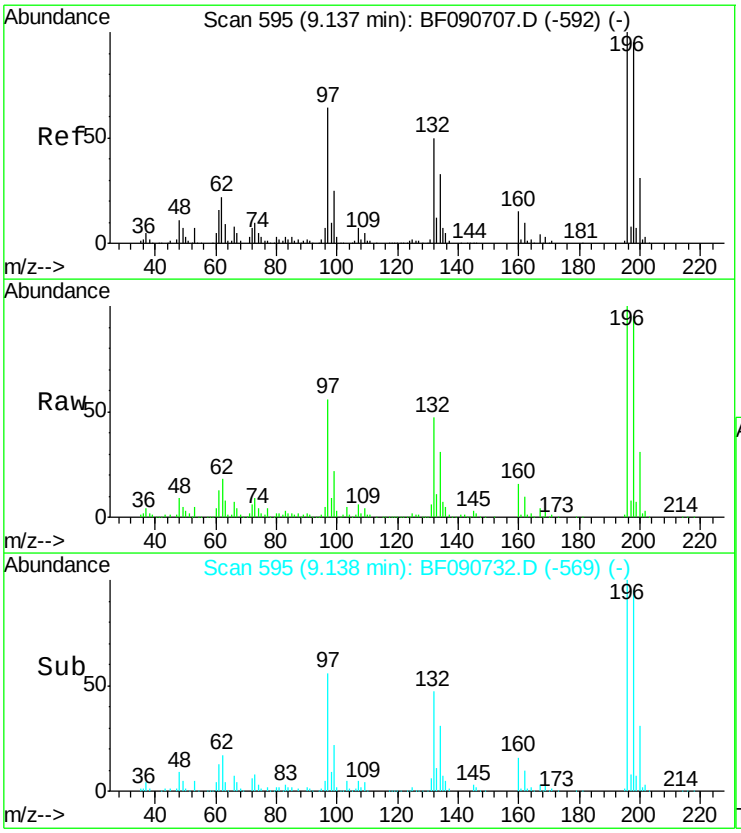

#41
2,4,6-Tribromophenol
Concen: 150.35 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:330 Resp: 672090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 76.6 | 114.8 |
| 141 | 30.5 | 29.7 | 44.5 |

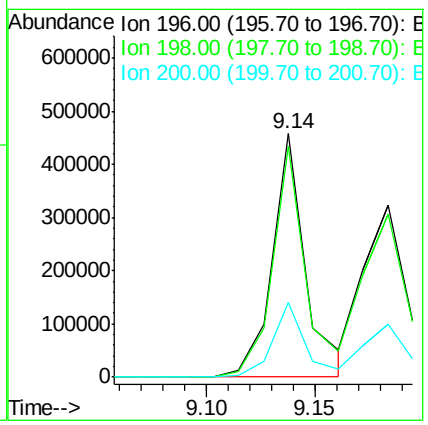


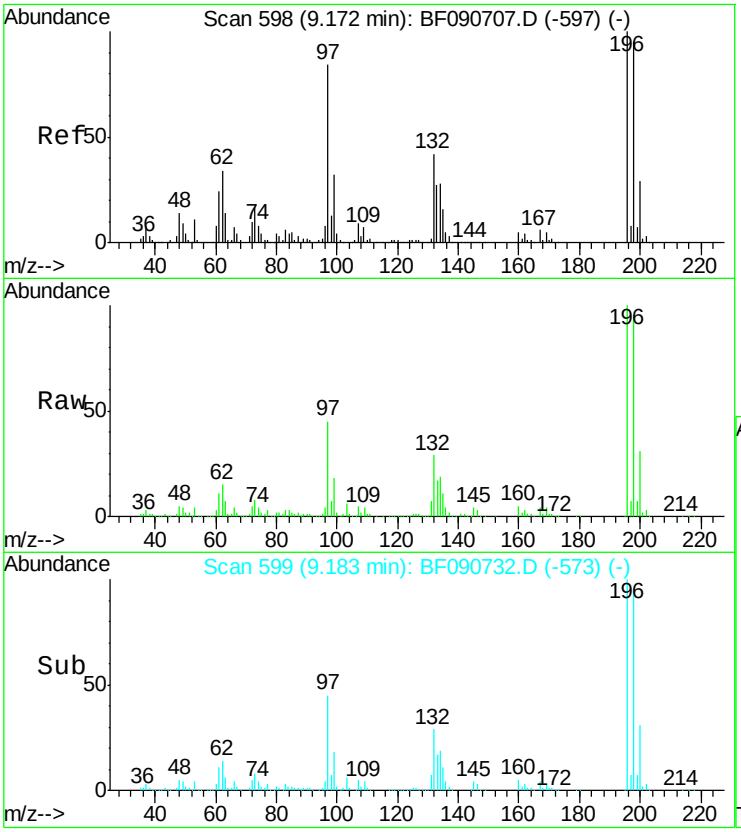




#42
2,4,6-Trichlorophenol
Concen: 51.80 ng
RT: 9.14 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:196 Resp: 489850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 75.7 | 113.5 |
| 200 | 30.8 | 23.9 | 35.9 |



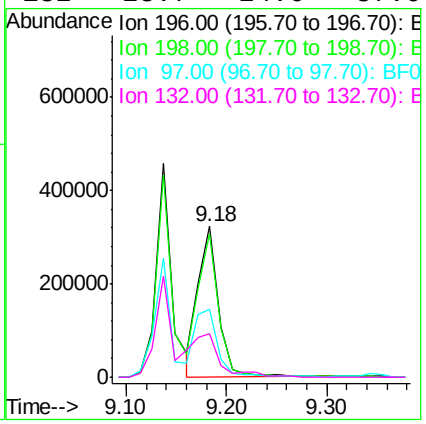


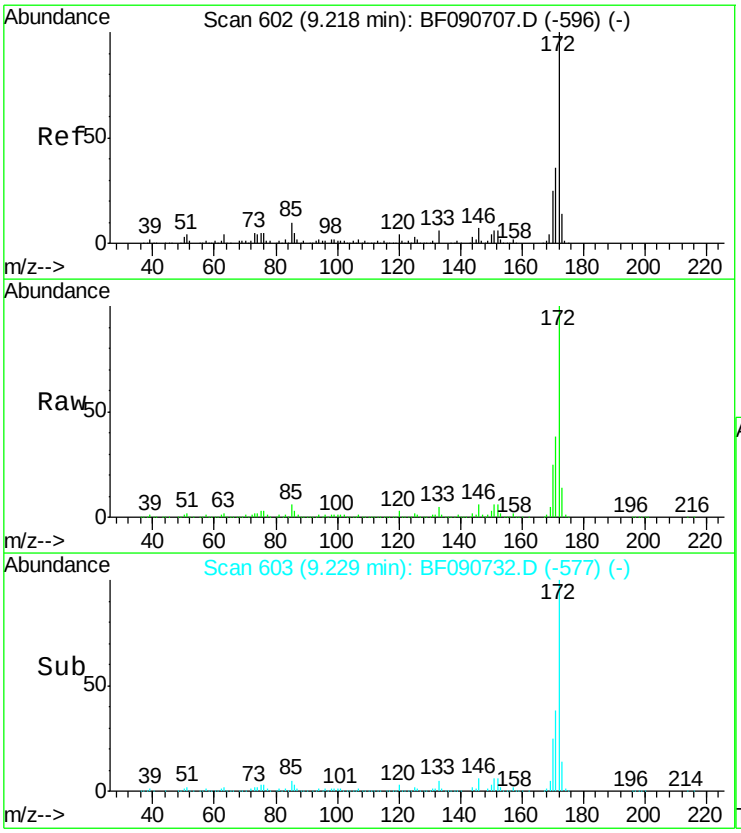

#43
2,4,5-Trichlorophenol
Concen: 47.69 ng
RT: 9.18 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:196 Resp: 457727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 75.4 | 113.0 |
| 97 | 44.8 | 33.3 | 49.9 |
| 132 | 28.7 | 24.6 | 37.0 |

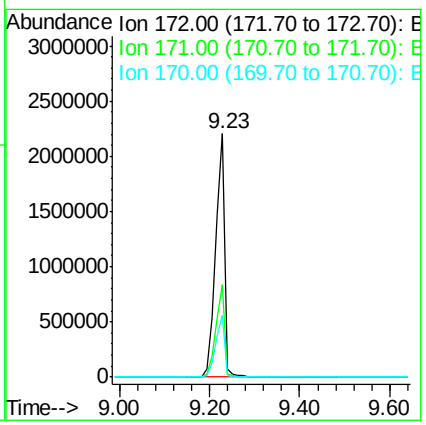


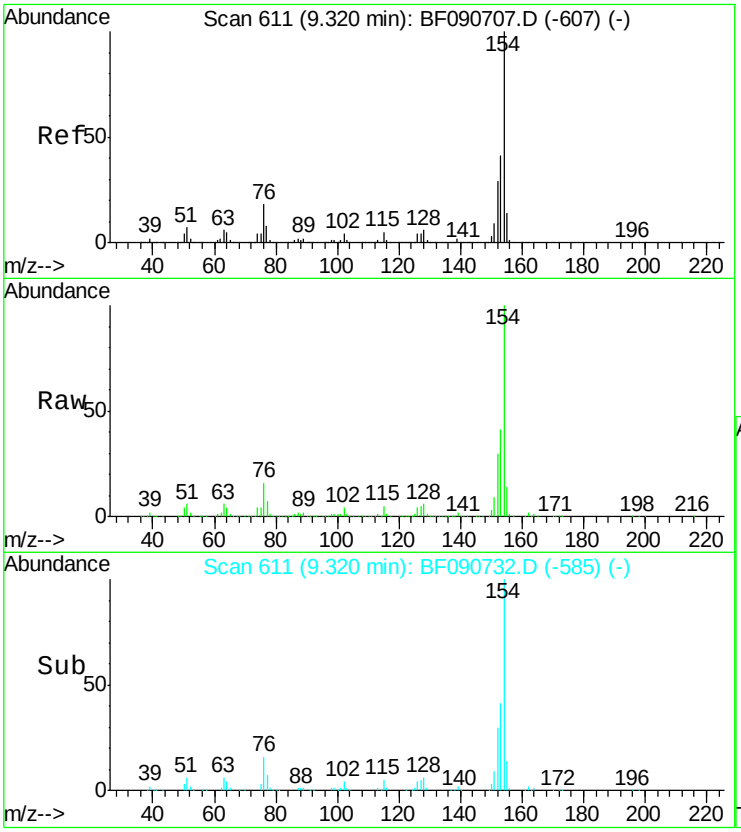




#44
2-Fluorobiphenyl
Concen: 84.17 ng
RT: 9.23 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:172 Resp: 3062107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.8 | 26.1 | 39.1 |
| 170 | 25.5 | 17.4 | 26.2 |



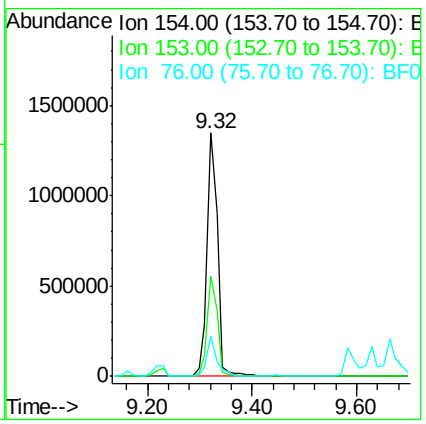


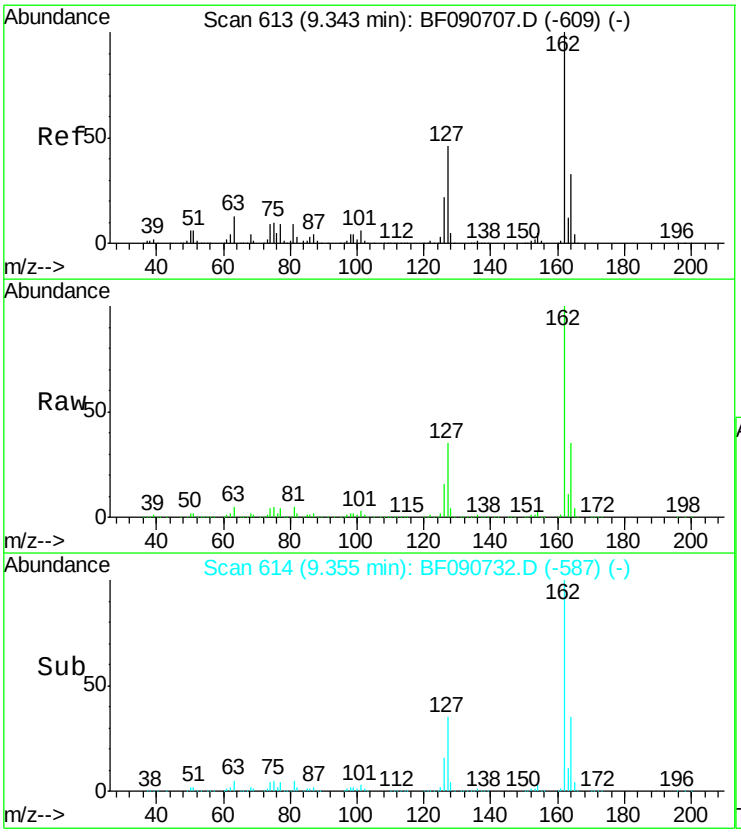

#45
1,1'-Biphenyl
Concen: 42.56 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:154 Resp: 1887744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.4 | 17.1 | 57.1 |
| 76 | 16.5 | 0.0 | 31.6 |

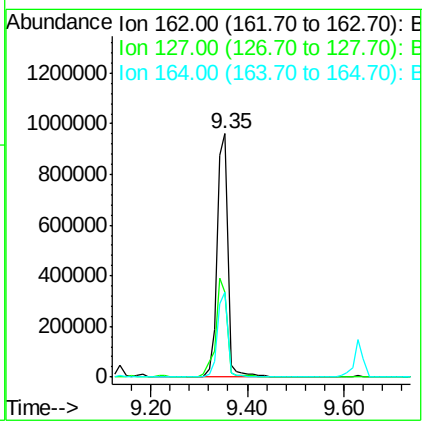


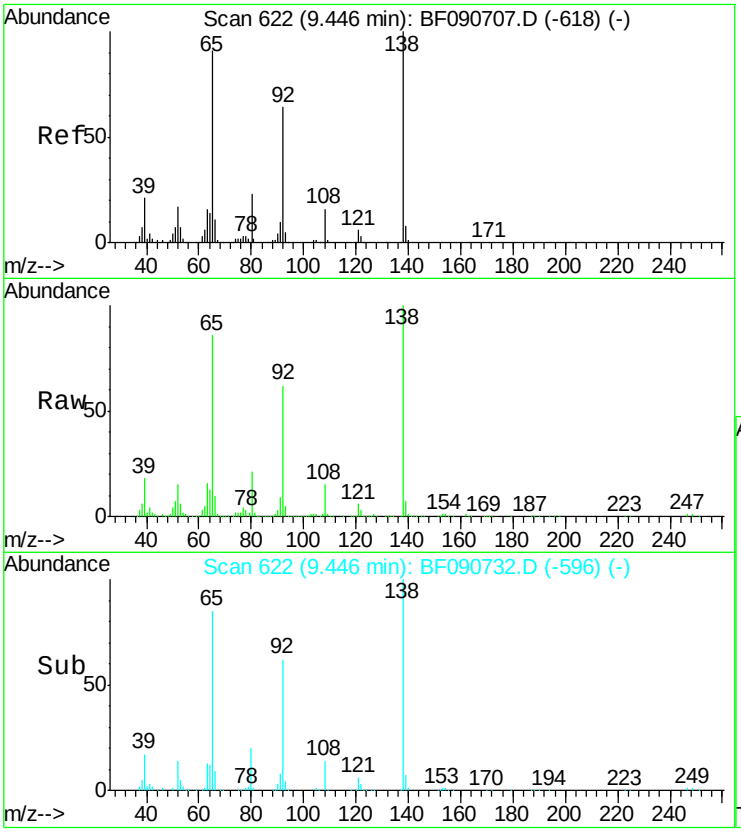




#46
2-Chloronaphthalene
Concen: 45.76 ng
RT: 9.35 min Scan# 614
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:162 Resp: 1508384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.1 | 27.6 | 41.4 |
| 164 | 34.8 | 25.4 | 38.2 |



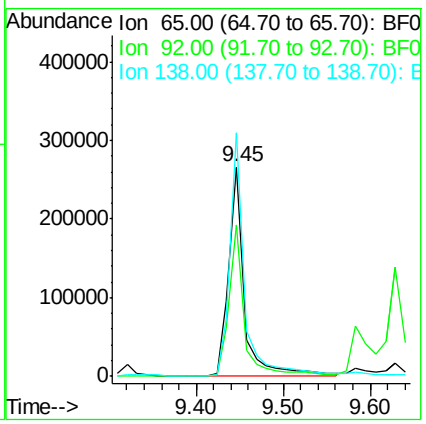


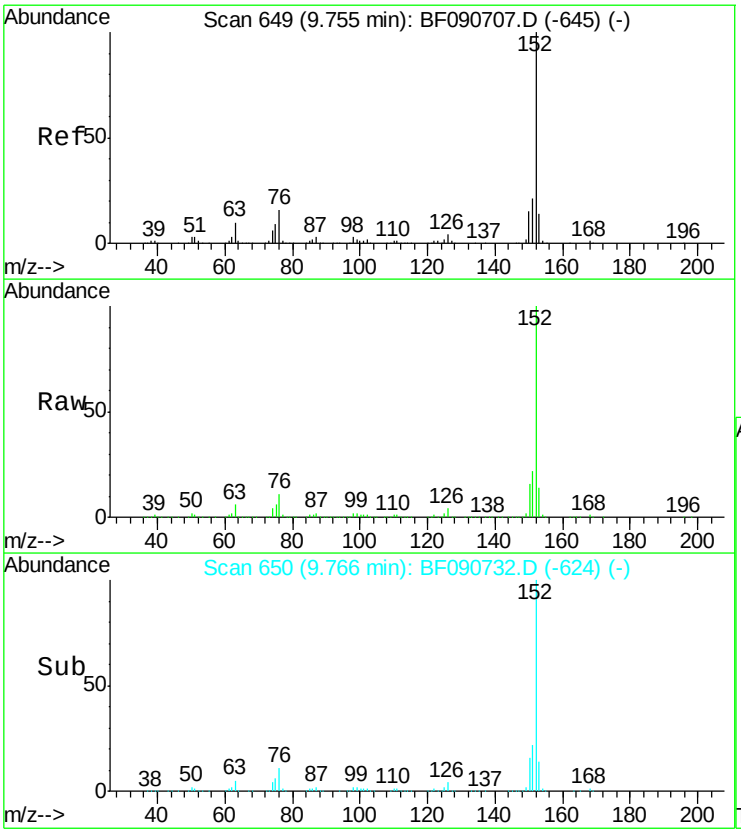

#47
2-Nitroaniline
Concen: 30.58 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion: 65 Resp: 334620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.2 | 55.4 | 83.0 |
| 138 | 116.2 | 115.5 | 173.3 |

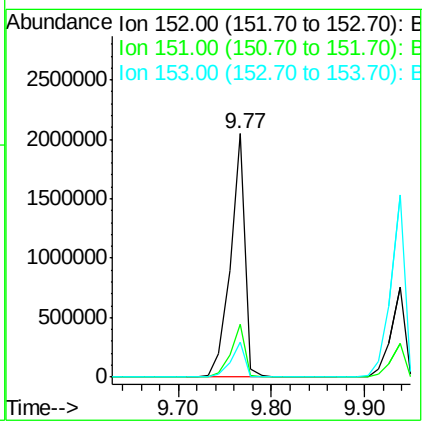


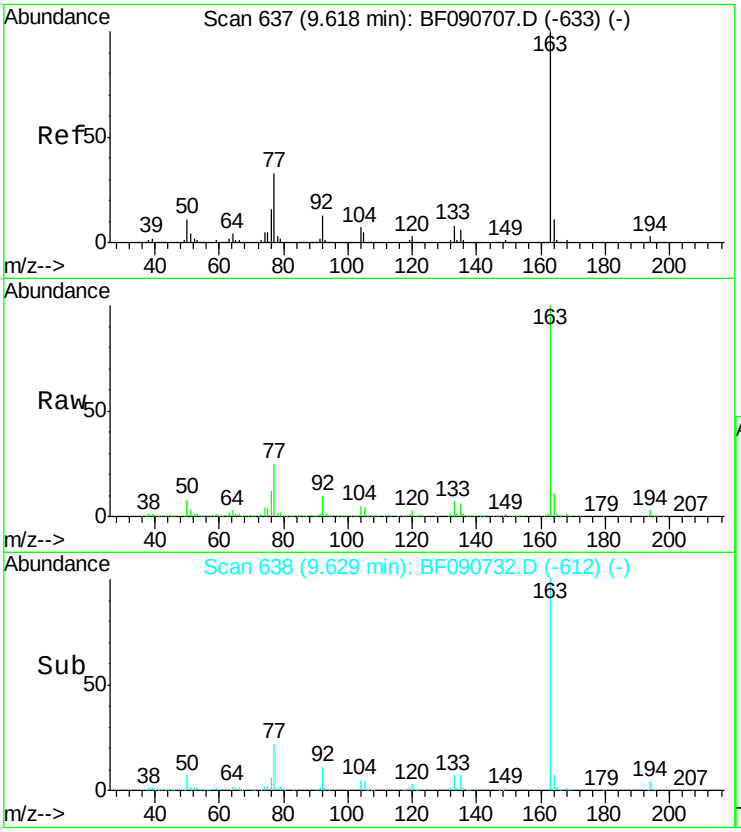




#48
Acenaphthylene
Concen: 44.51 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:152 Resp: 2238667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 14.6 | 22.0 |
| 153 | 14.2 | 10.3 | 15.5 |



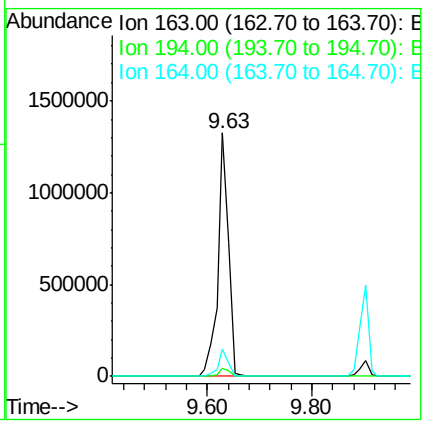


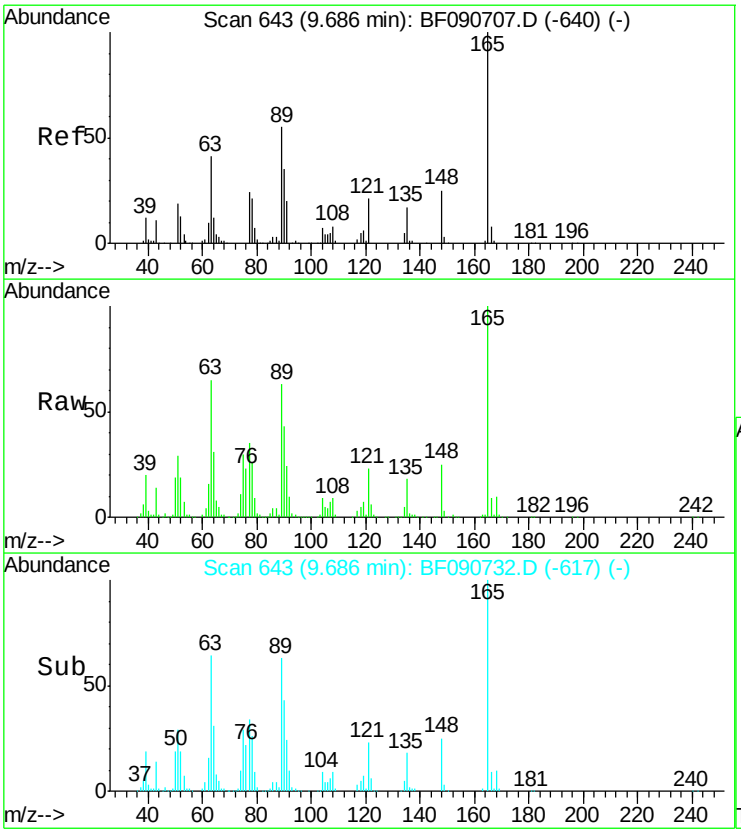

#49
Dimethylphthalate
Concen: 52.01 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:163 Resp: 1845733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 4.4 | 6.6# |
| 164 | 11.0 | 8.3 | 12.5 |

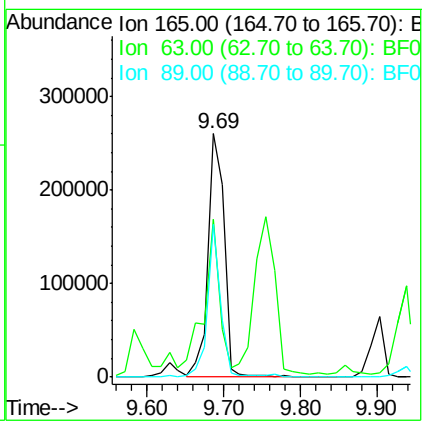


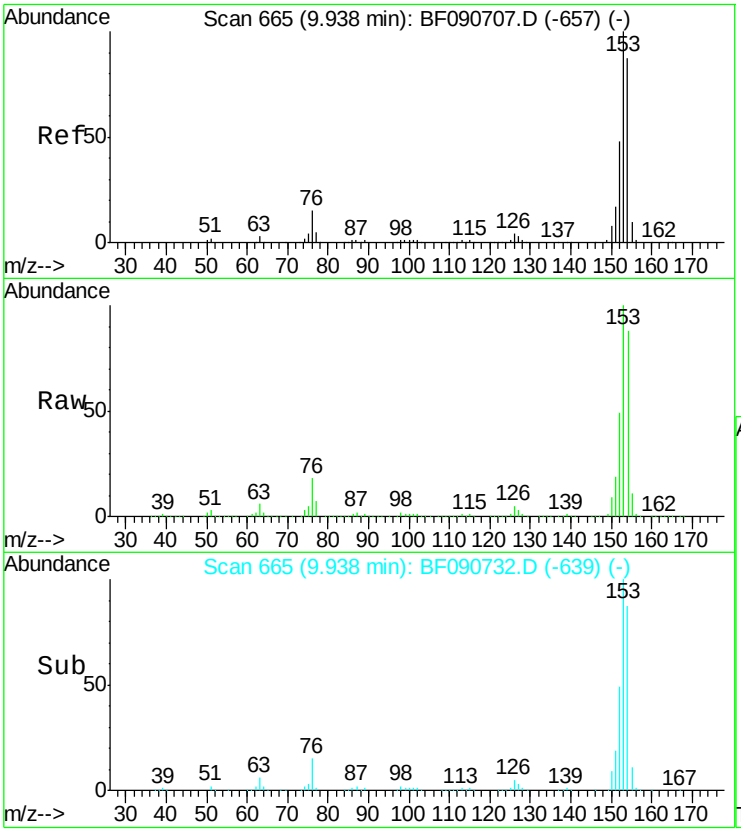




#50
2,6-Dinitrotoluene
Concen: 48.92 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:165 Resp: 373311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.6 | 32.3 | 48.5# |
| 89 | 62.9 | 28.6 | 43.0# |



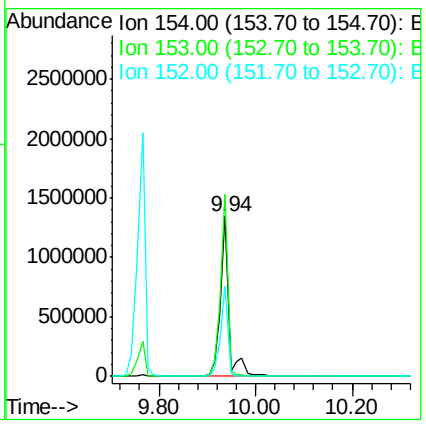


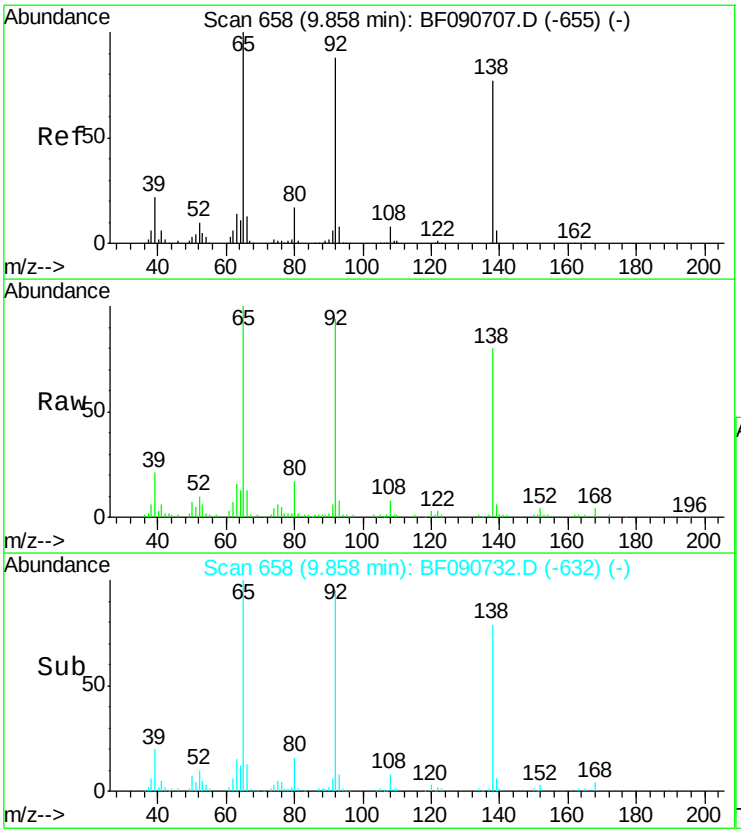

#51
Acenaphthene
Concen: 49.15 ng
RT: 9.94 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:154 Resp: 1641277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 82.1 | 123.1 |
| 152 | 56.3 | 37.9 | 56.9 |

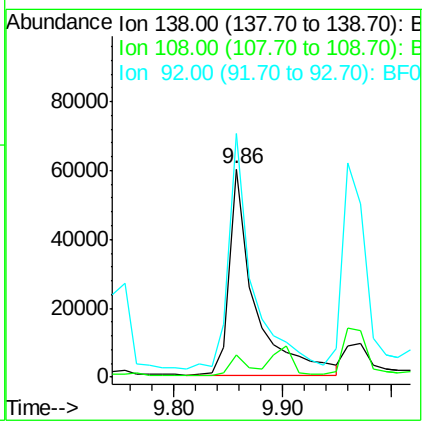


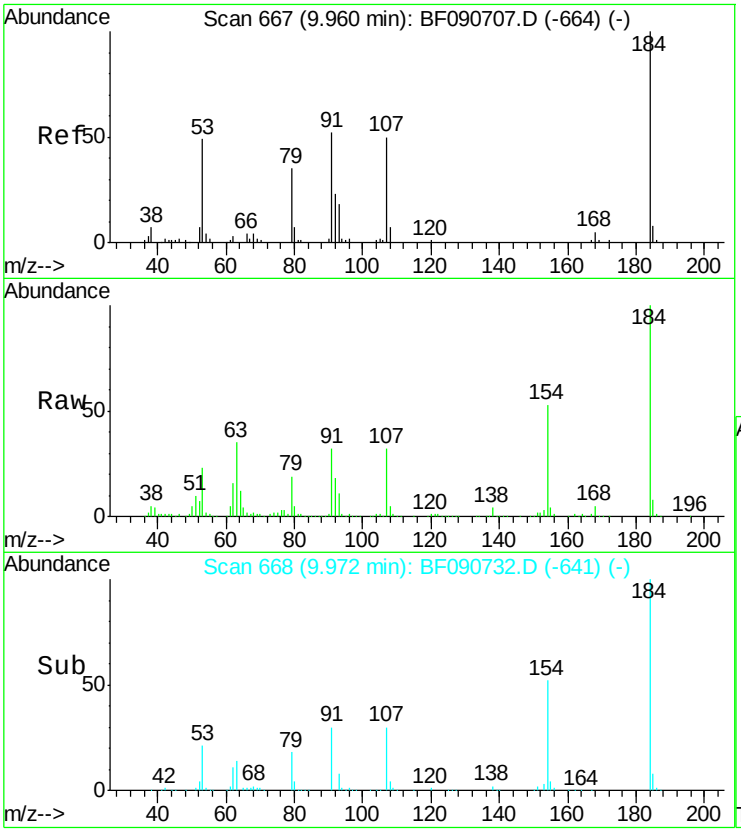




#52
3-Nitroaniline
Concen: 10.89 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:138 Resp: 95541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 5.7 | 8.5# |
| 92 | 116.9 | 67.7 | 101.5# |



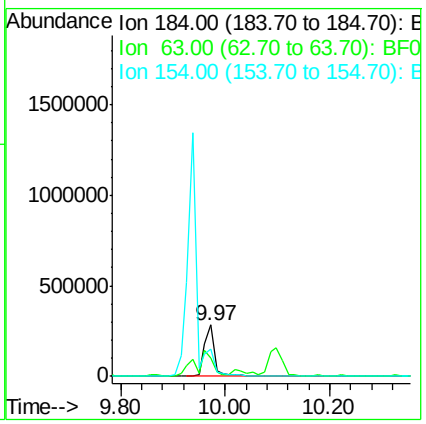


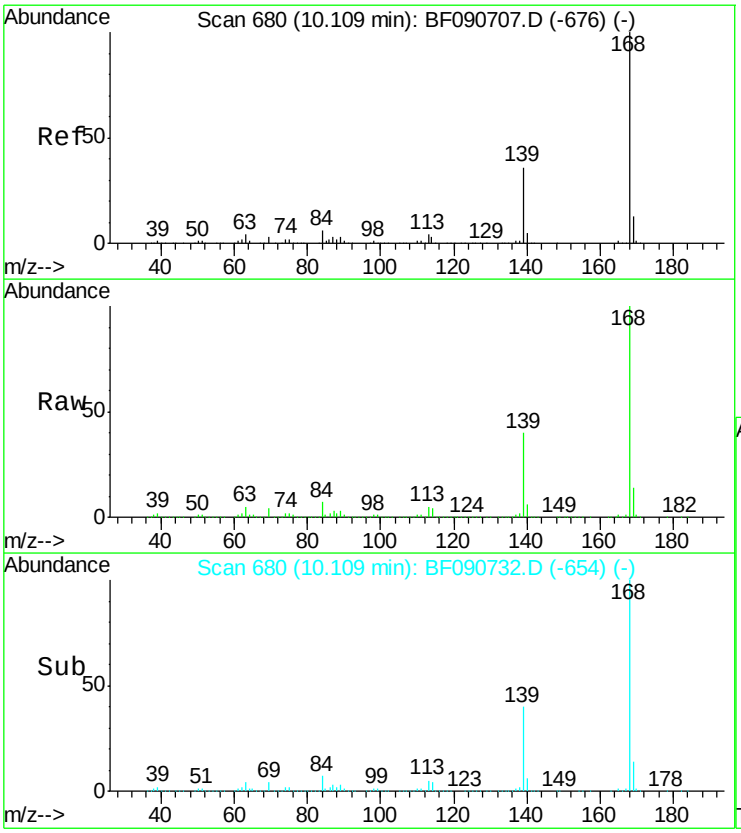

#53
2,4-Dinitrophenol
Concen: 88.55 ng
RT: 9.97 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:184 Resp: 408392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 34.7 | 35.4 | 53.2# |
| 154 | 52.9 | 32.2 | 48.4# |

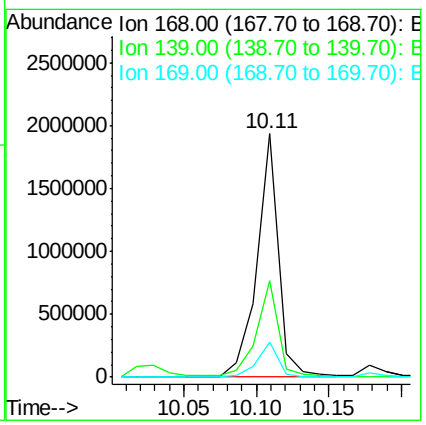


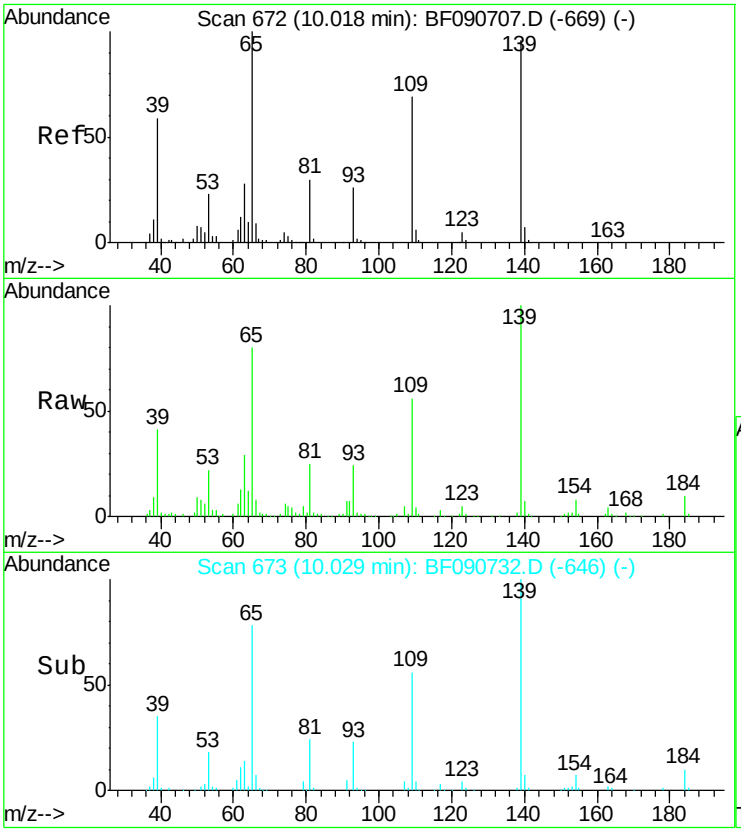




#54
Dibenzofuran
Concen: 49.19 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:168 Resp: 1989770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.8 | 24.2 | 36.2# |
| 169 | 14.4 | 10.6 | 15.8 |



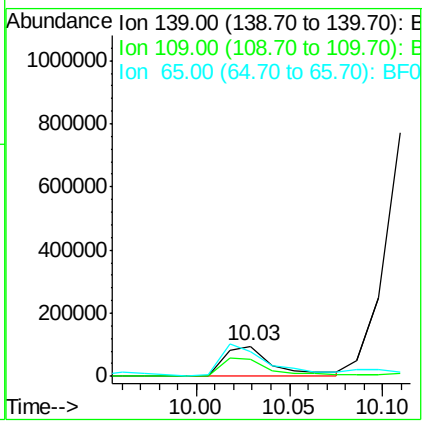


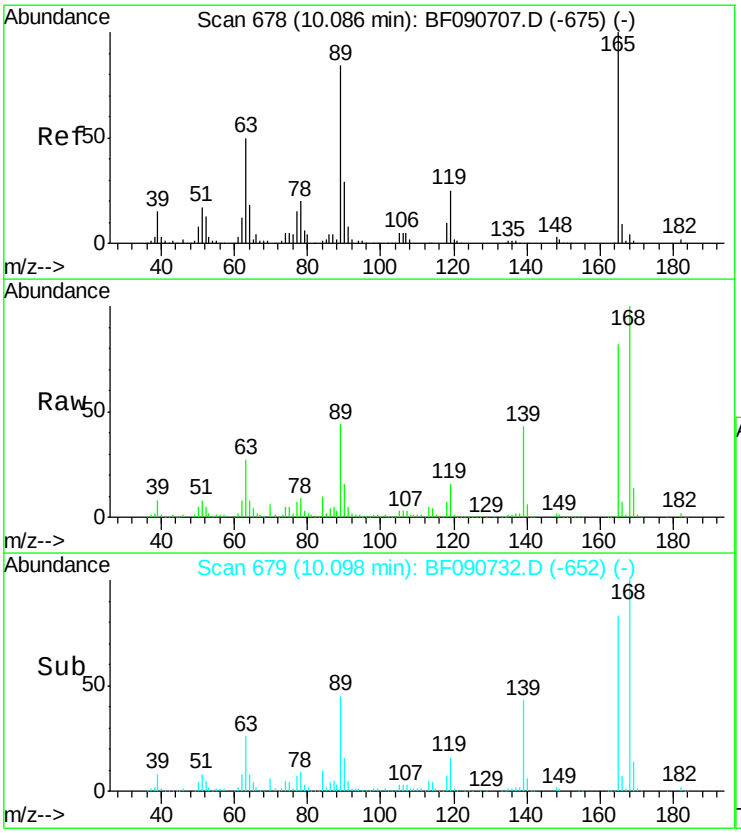

#55
4-Nitrophenol
Concen: 35.55 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:139 Resp: 172419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 56.4 | 12.7 | 52.7# |
| 65 | 80.1 | 45.9 | 85.9 |

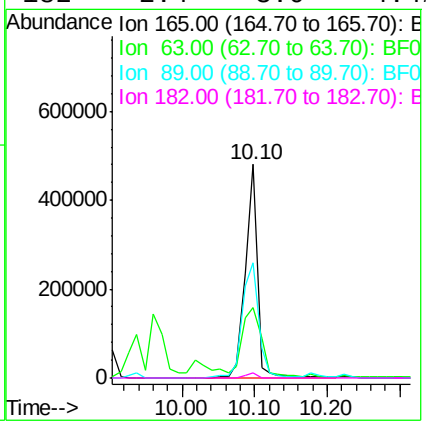


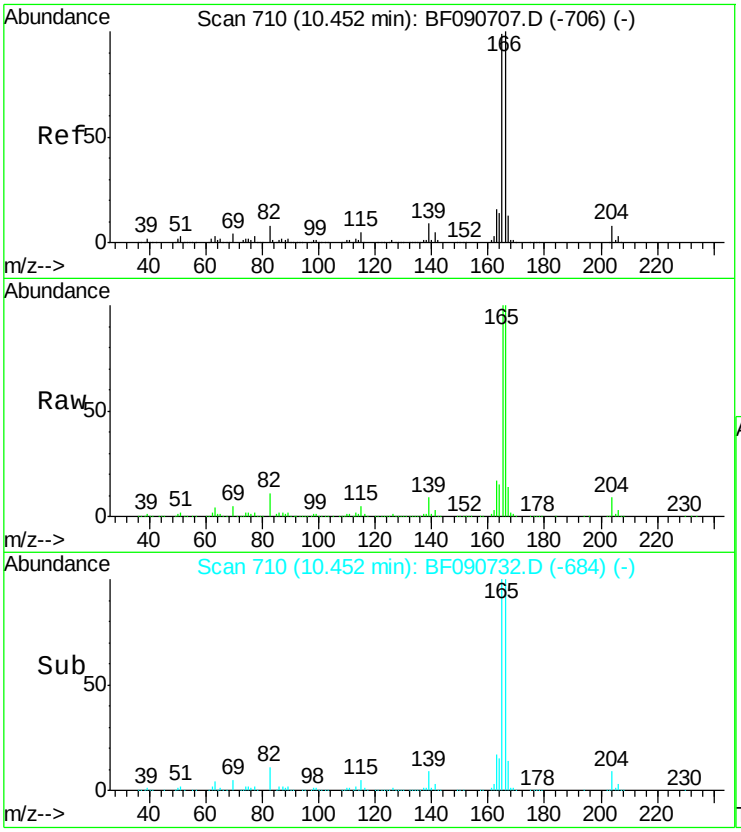




#56
2,4-Dinitrotoluene
Concen: 60.45 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:165 Resp: 563836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.8 | 29.8 | 44.6 |
| 89 | 54.0 | 44.5 | 66.7 |
| 182 | 2.4 | 3.0 | 4.4# |



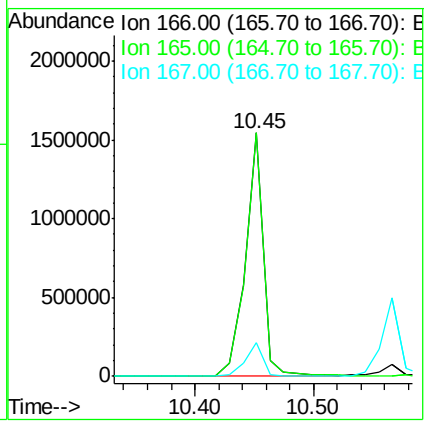


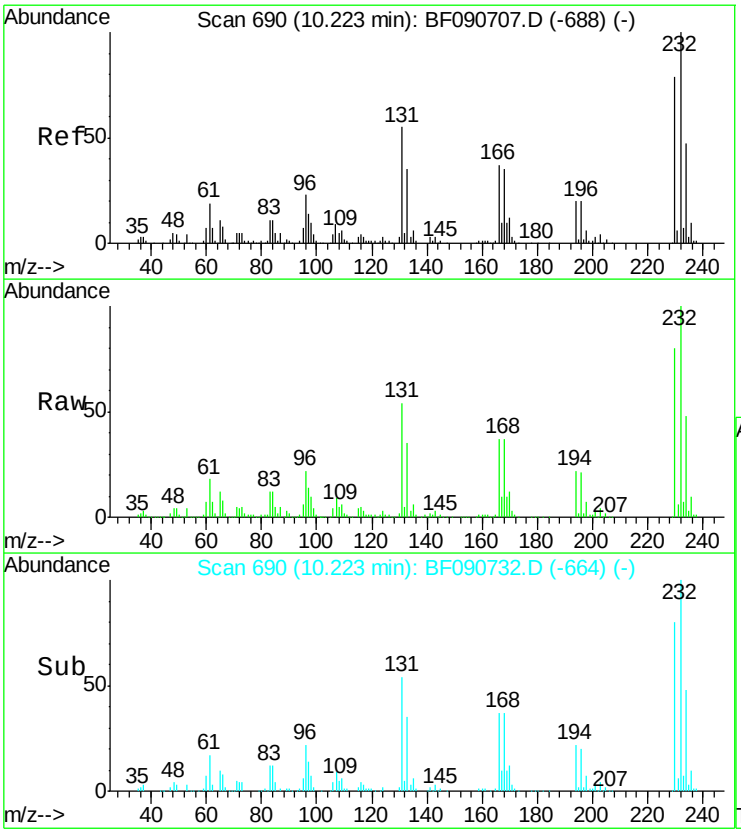

#57
Fluorene
Concen: 48.55 ng
RT: 10.45 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:166 Resp: 1627449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.2 | 72.6 | 109.0 |
| 167 | 13.9 | 10.6 | 16.0 |

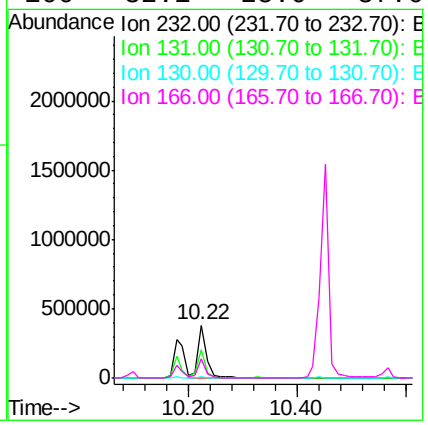


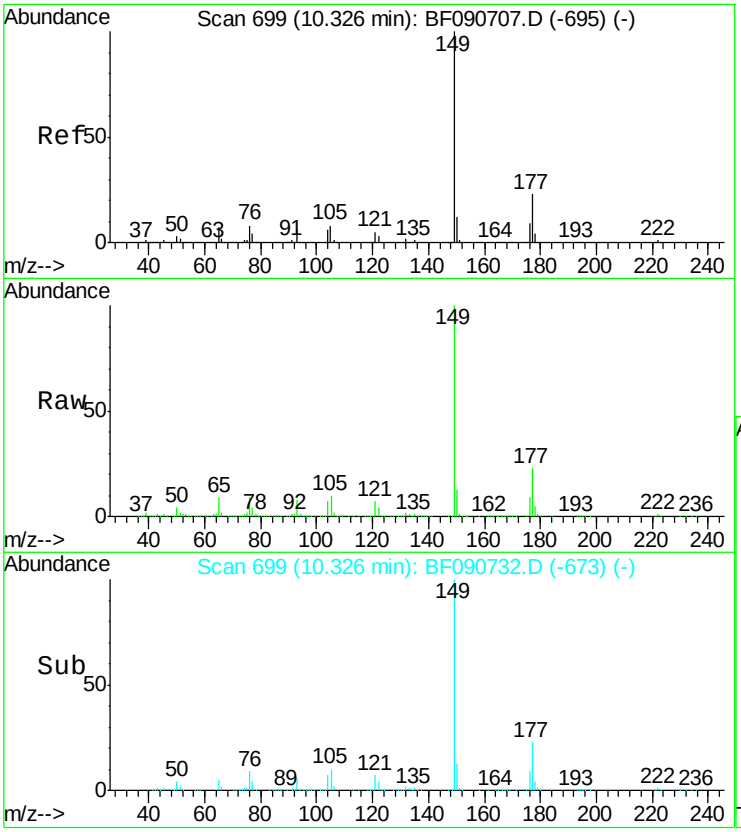




#58
2,3,4,6-Tetrachlorophenol
Concen: 54.84 ng
RT: 10.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:232 Resp: 412988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.9 | 38.5 | 57.7 |
| 130 | 2.2 | 1.8 | 2.6 |
| 166 | 32.1 | 25.0 | 37.6 |



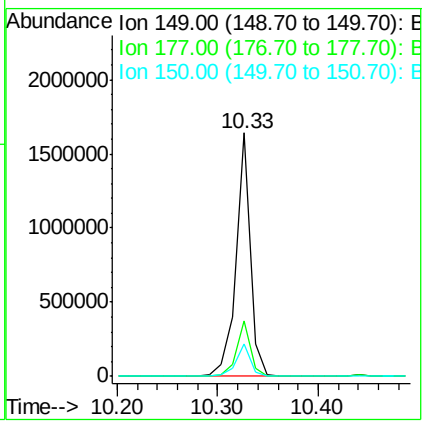


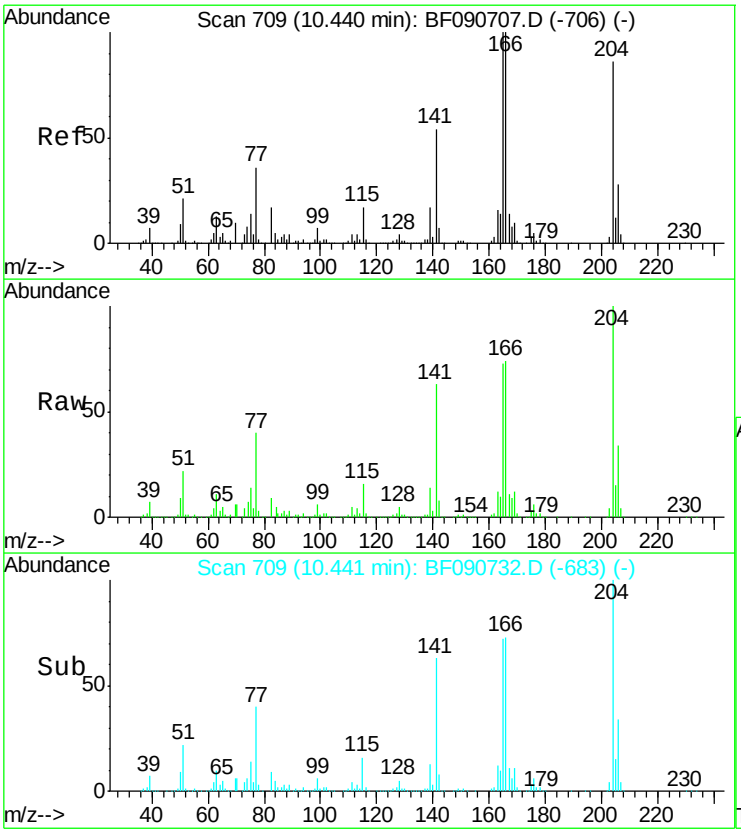

#59
Diethylphthalate
Concen: 44.43 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:149 Resp: 1635237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.7 | 17.5 | 26.3 |
| 150 | 13.2 | 9.4 | 14.2 |

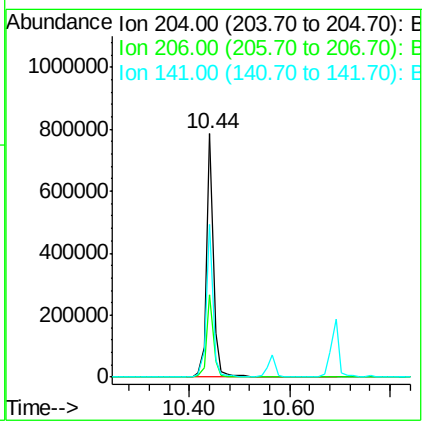


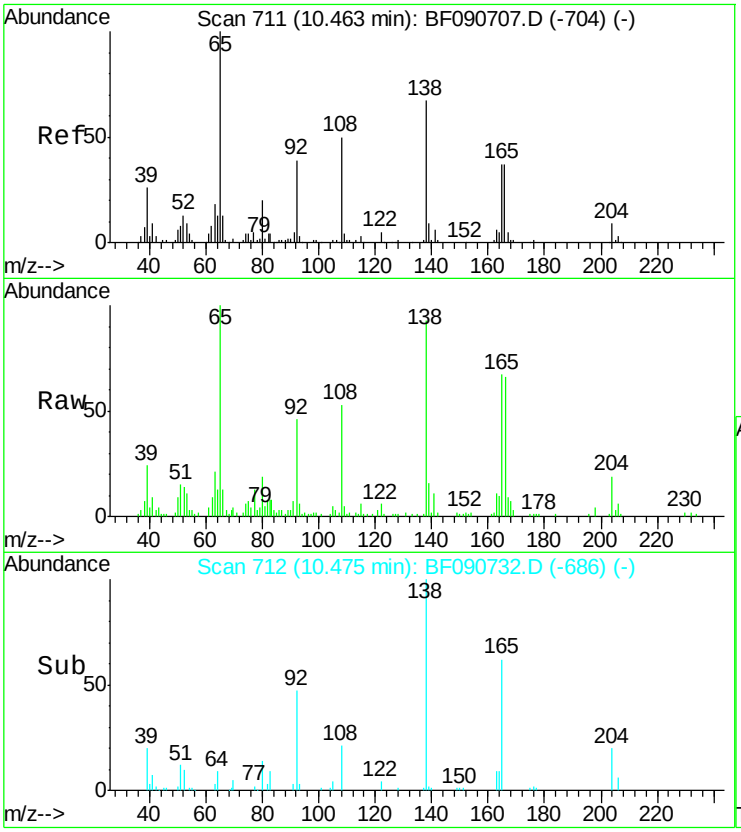




#60
4-Chlorophenyl-phenylether
Concen: 49.18 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:204 Resp: 753423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.7 | 24.8 | 37.2 |
| 141 | 63.0 | 42.2 | 63.4 |



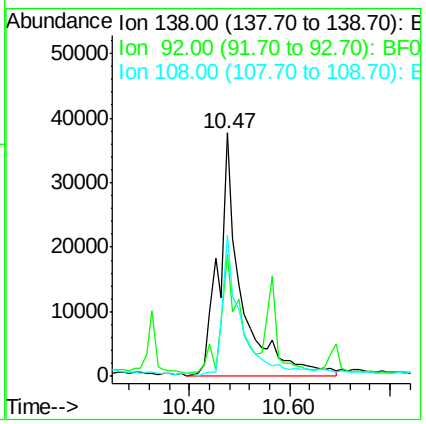


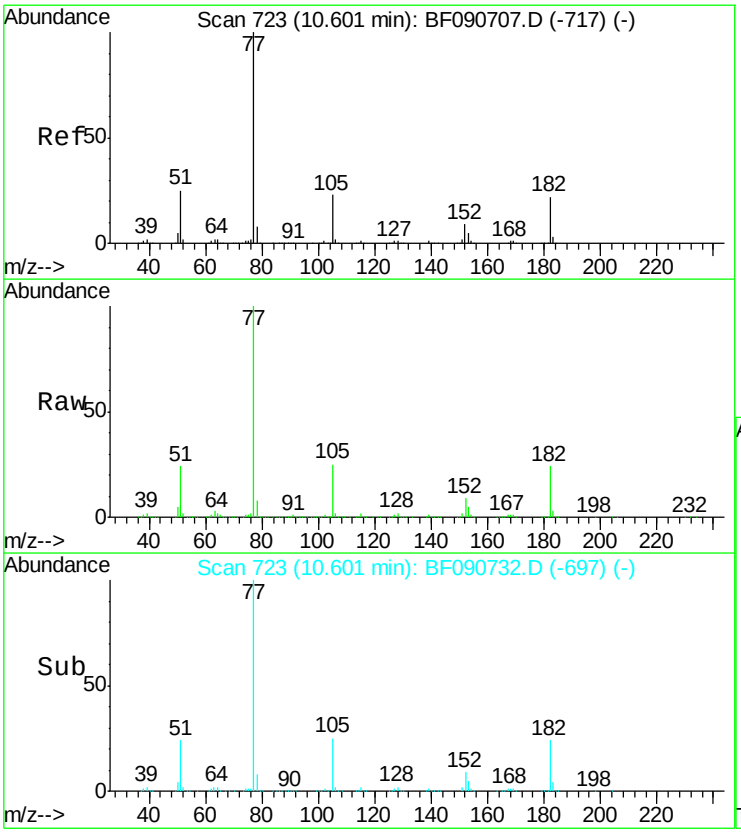

#61
4-Nitroaniline
Concen: 13.30 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:138 Resp: 118195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.9 | 12.6 | 52.6 |
| 108 | 57.8 | 12.4 | 52.4# |

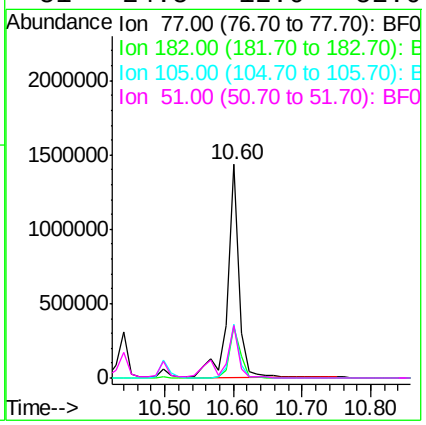


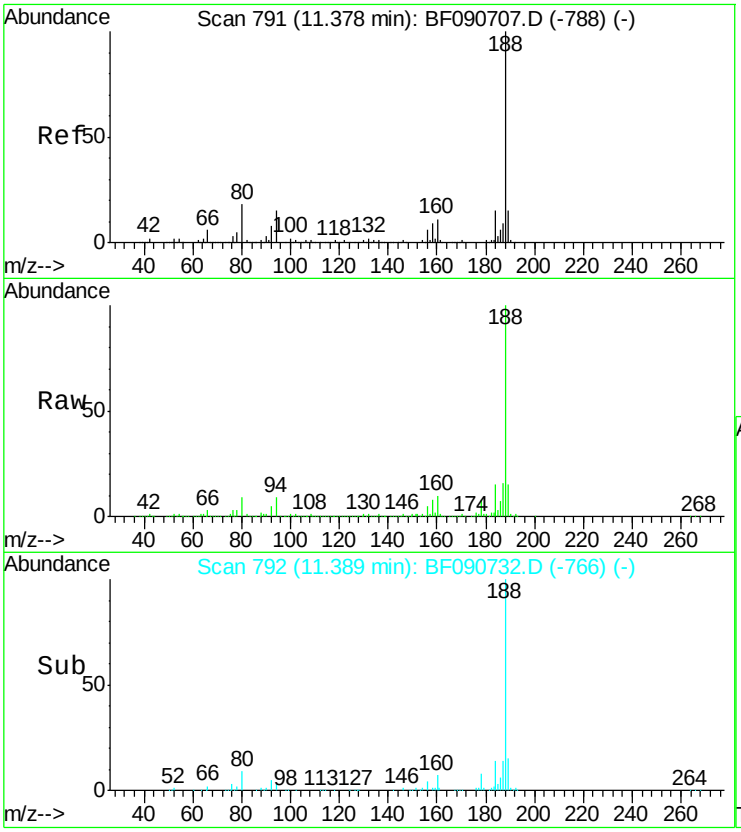




#62
Azobenzene
Concen: 38.96 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion: 77 Resp: 1679287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.2 | 15.1 | 55.1 |
| 105 | 25.4 | 3.4 | 43.4 |
| 51 | 24.5 | 12.0 | 52.0 |



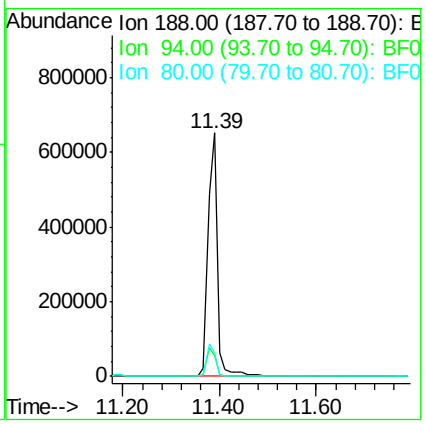


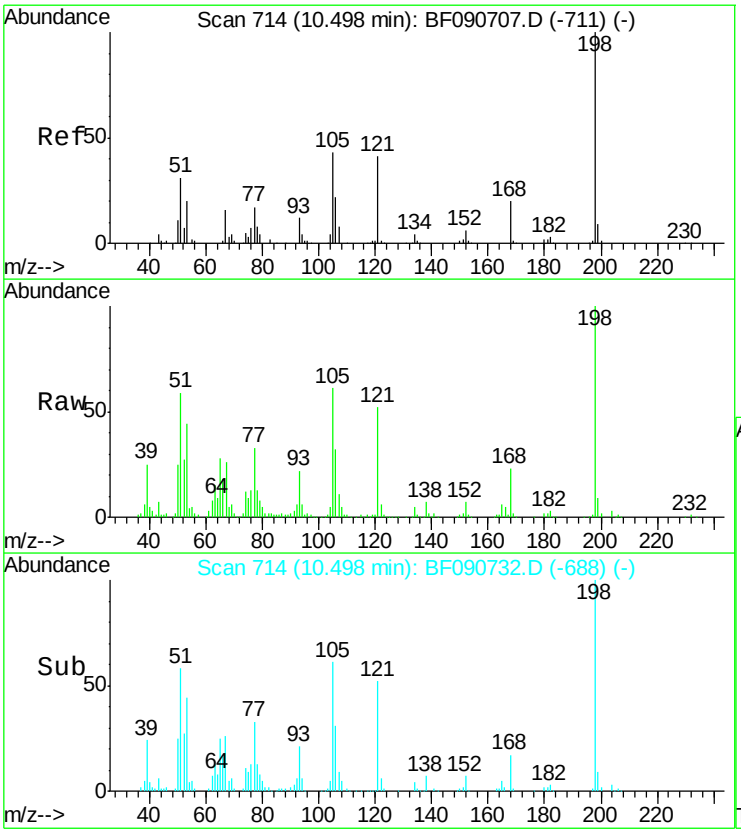

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:188 Resp: 899280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 11.1 | 16.7# |
| 80 | 9.4 | 11.0 | 16.4# |

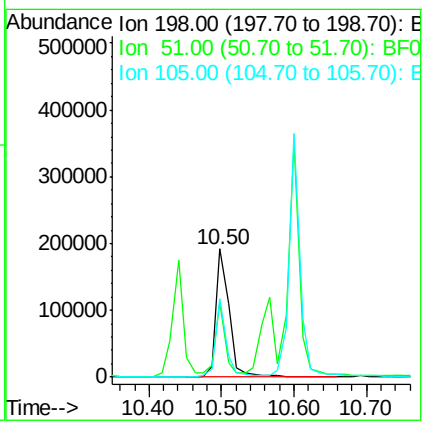


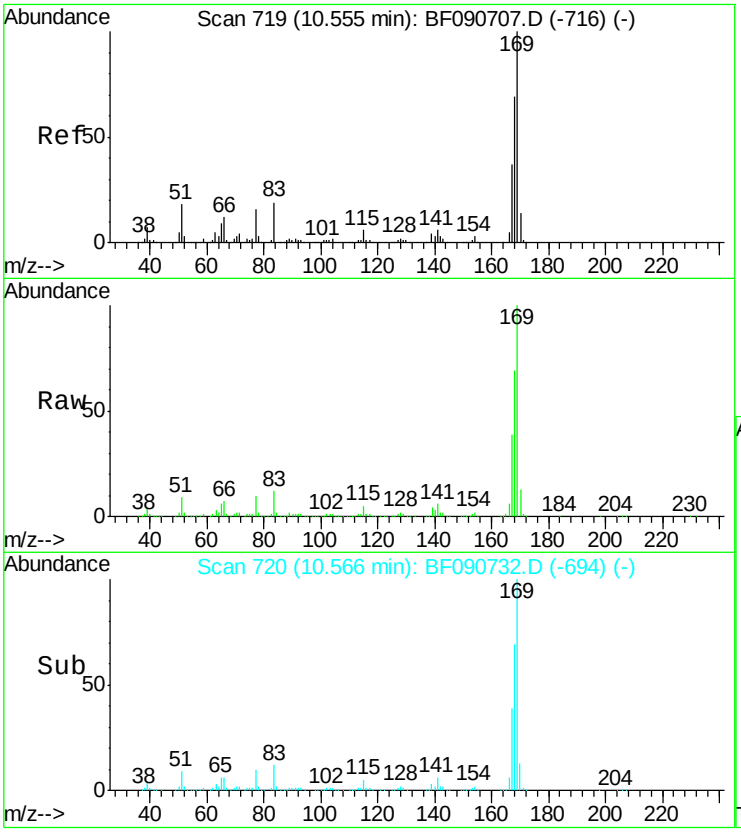




#64
4,6-Dinitro-2-methylphenol
Concen: 43.19 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:198 Resp: 245278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.7 | 39.6 | 79.6 |
| 105 | 60.9 | 28.5 | 68.5 |



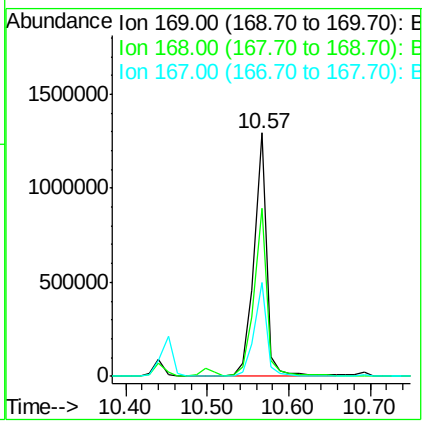


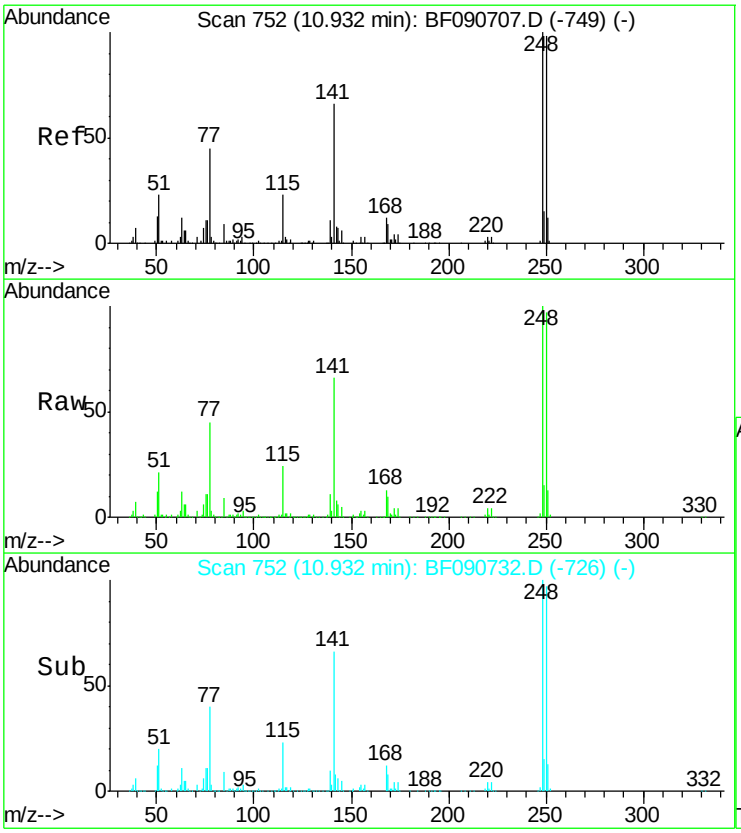

#65
n-Nitrosodiphenylamine
Concen: 48.12 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:169 Resp: 1386386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.9 | 48.9 | 73.3 |
| 167 | 38.7 | 26.2 | 39.4 |

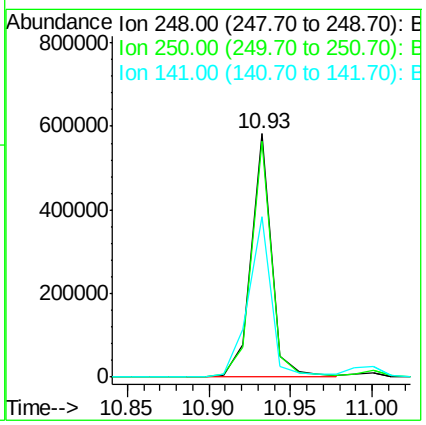


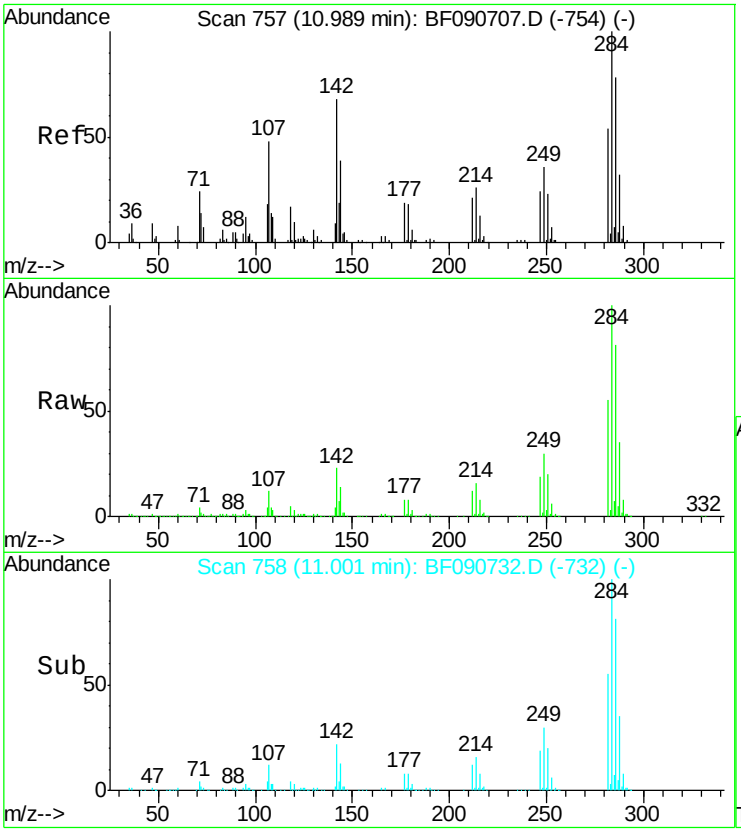




#66
4-Bromophenyl-phenylether
Concen: 58.09 ng
RT: 10.93 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:248 Resp: 506389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.9 | 78.5 | 117.7 |
| 141 | 66.0 | 59.0 | 88.6 |



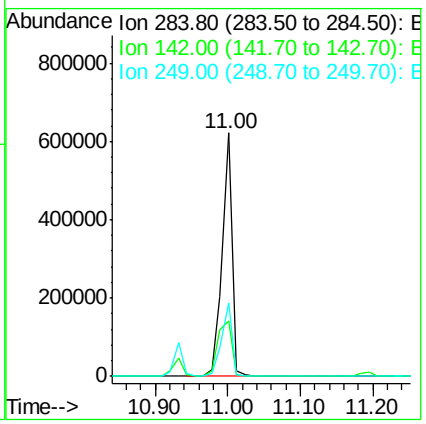


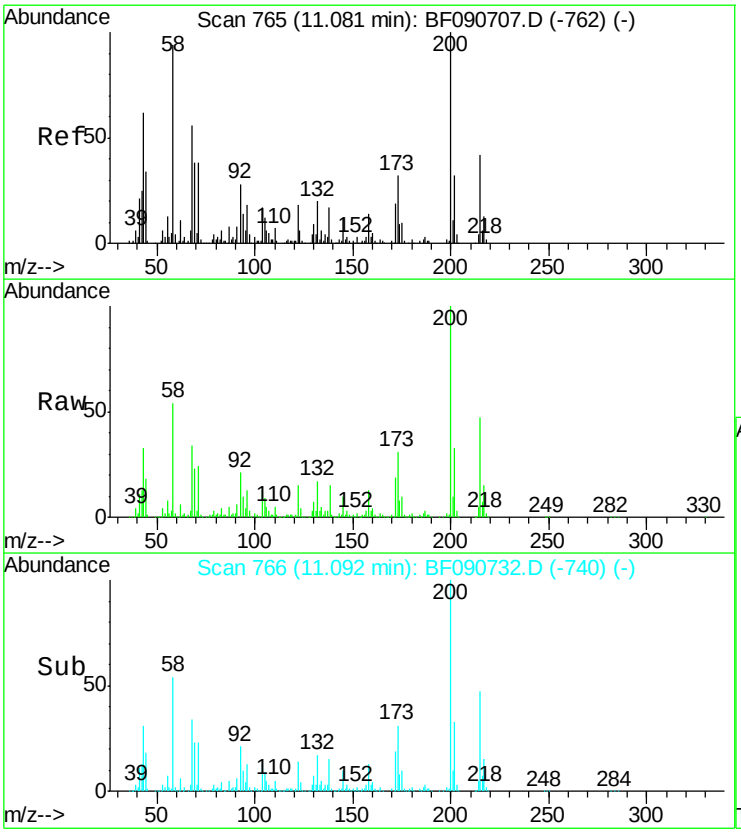

#67
Hexachlorobenzene
Concen: 57.95 ng
RT: 11.00 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:284 Resp: 596184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.7 | 29.5 | 44.3# |
| 249 | 30.3 | 19.5 | 29.3# |

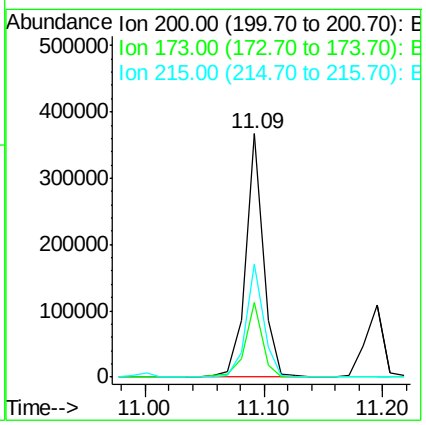


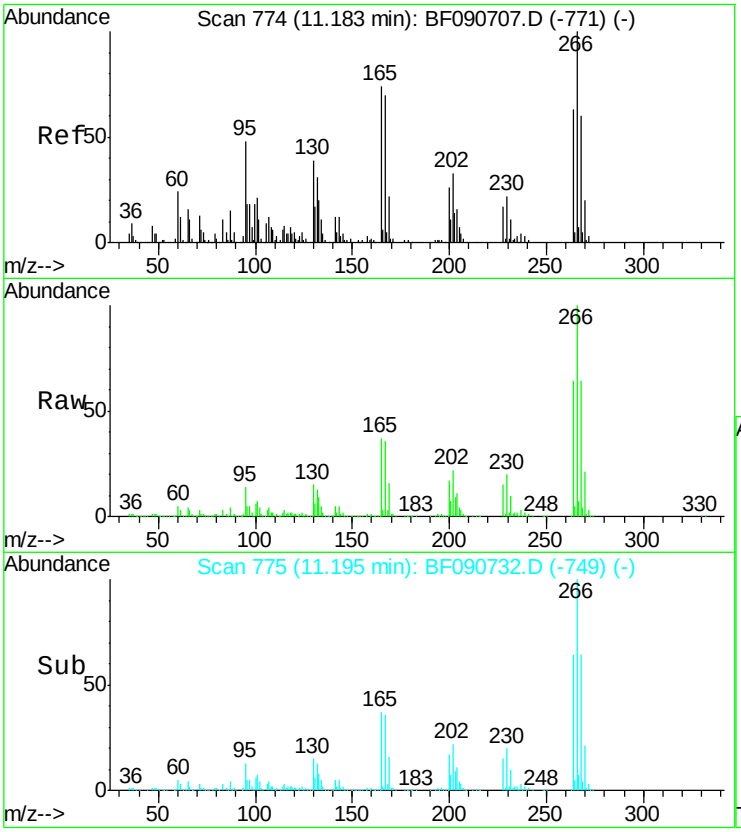




#68
Atrazine
Concen: 48.16 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:200 Resp: 382934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 30.7 | 13.2 | 53.2 |
| 215 | 46.6 | 41.8 | 81.8 |



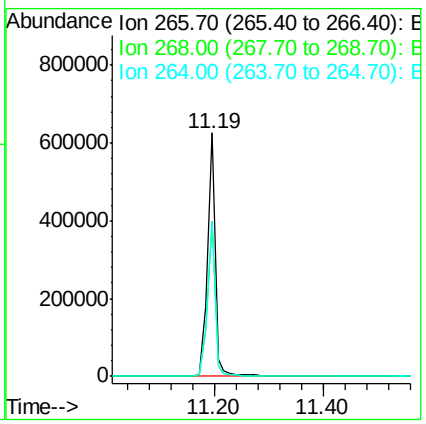


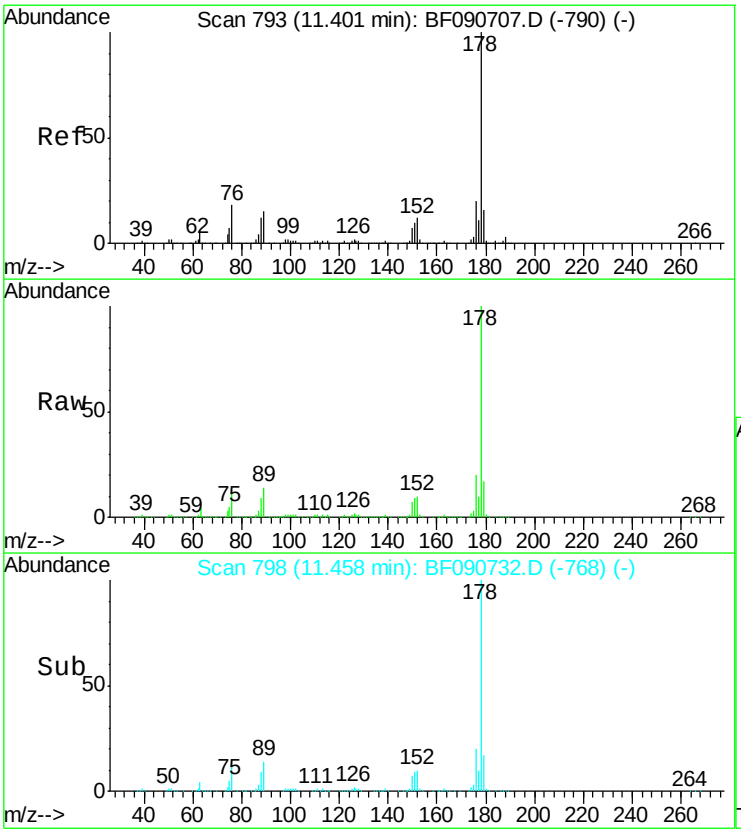

#69
Pentachlorophenol
Concen: 91.20 ng
RT: 11.19 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:266 Resp: 624159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 49.8 | 74.6 |
| 264 | 63.6 | 50.2 | 75.2 |

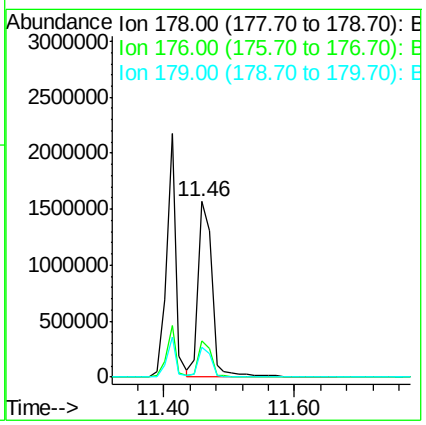


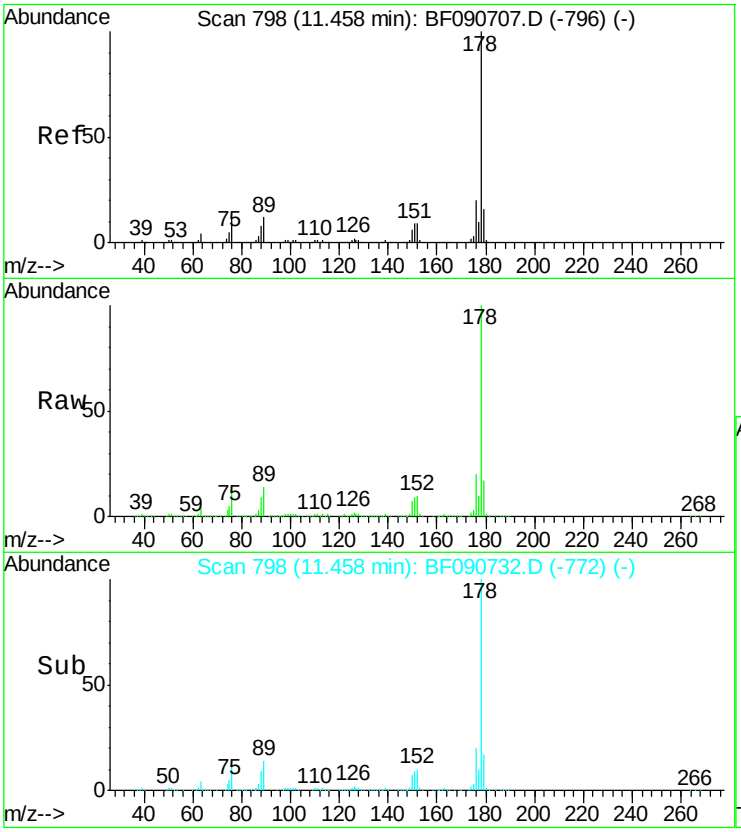




#70
Phenanthrene
Concen: 49.94 ng
RT: 11.46 min Scan# 798
Delta R.T. 0.05 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:178 Resp: 2289034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 13.8 | 20.8 |
| 179 | 16.7 | 12.2 | 18.2 |



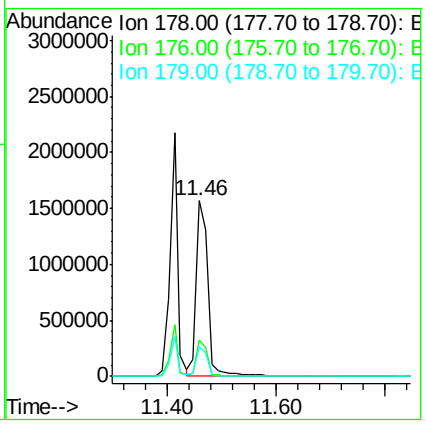


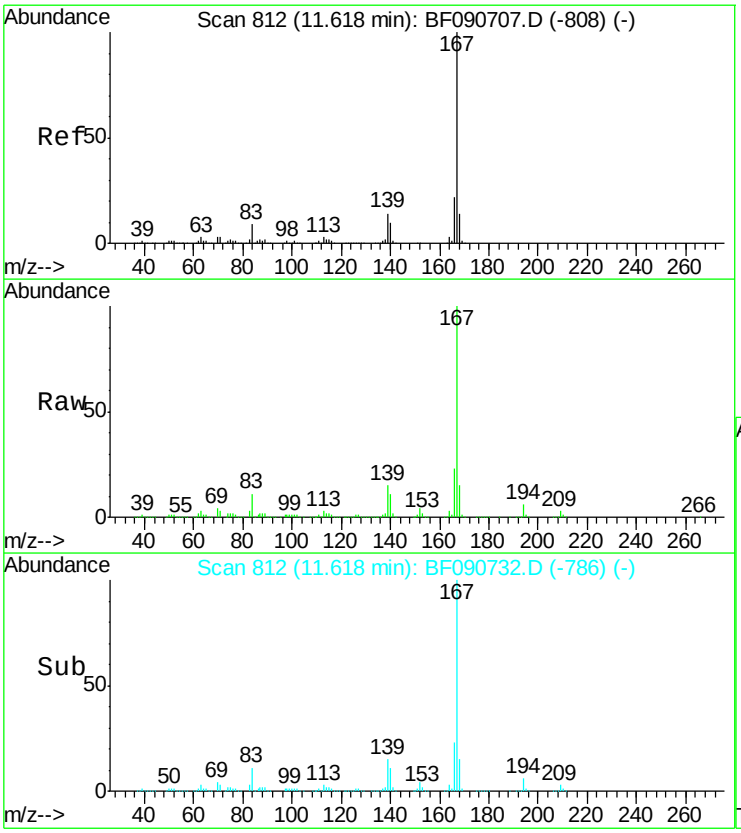

#71
Anthracene
Concen: 45.27 ng
RT: 11.46 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:178 Resp: 2301062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 14.1 | 21.1 |
| 179 | 16.7 | 12.2 | 18.2 |

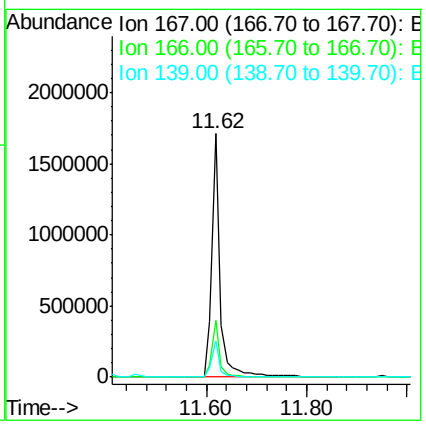


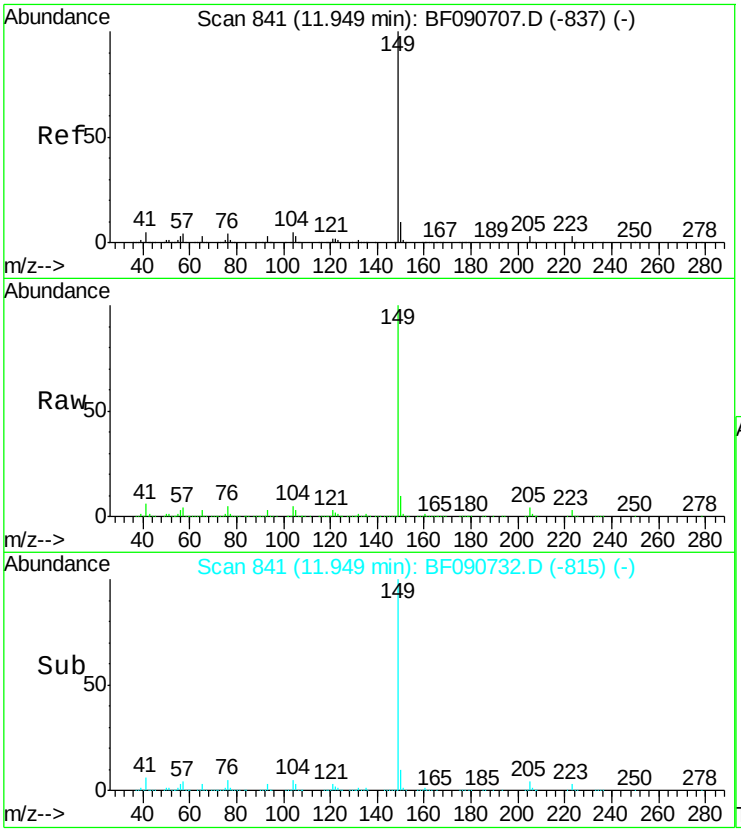




#72
Carbazole
Concen: 46.44 ng
RT: 11.62 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:167 Resp: 1973607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.3 | 15.7 | 23.5 |
| 139 | 14.8 | 9.5 | 14.3# |



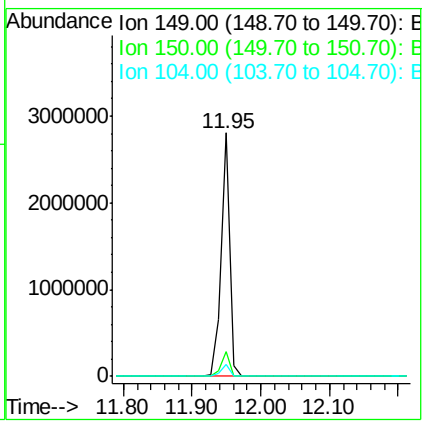


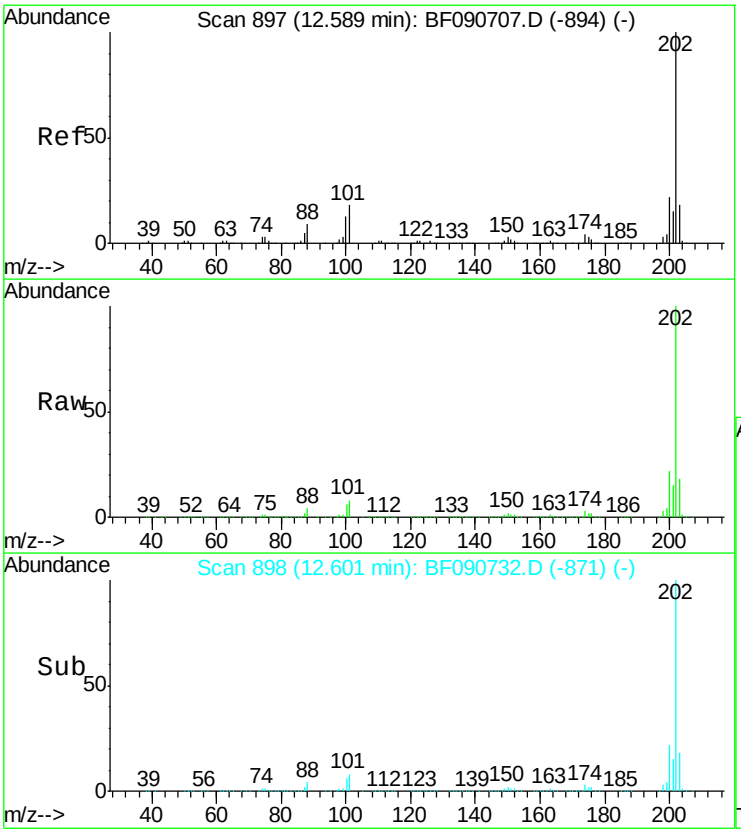

#73
Di-n-butylphthalate
Concen: 45.37 ng
RT: 11.95 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:149 Resp: 2501322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.4 | 7.4 | 11.2 |
| 104 | 5.1 | 2.4 | 3.6# |

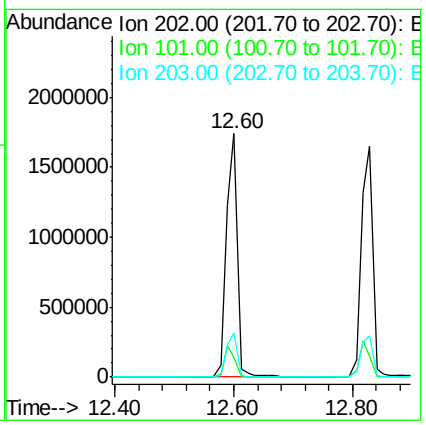


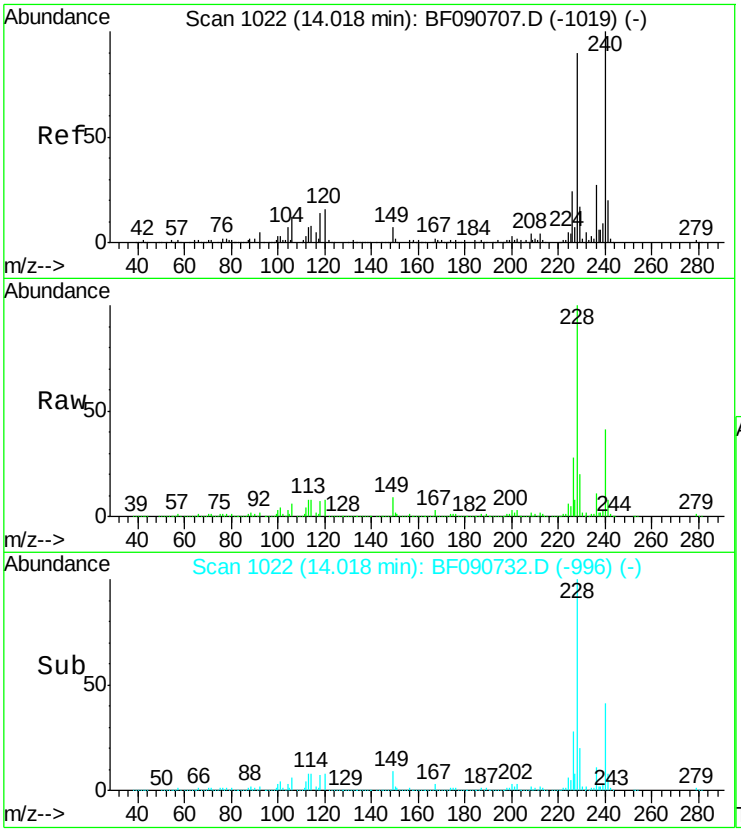




#74
Fluoranthene
Concen: 50.07 ng
RT: 12.60 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:202 Resp: 2220173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.2 | 0.0 | 38.3 |
| 203 | 18.1 | 0.0 | 37.3 |



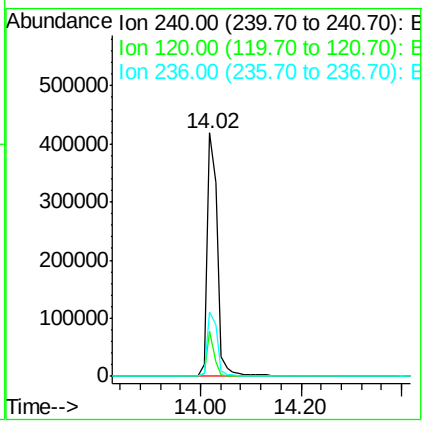


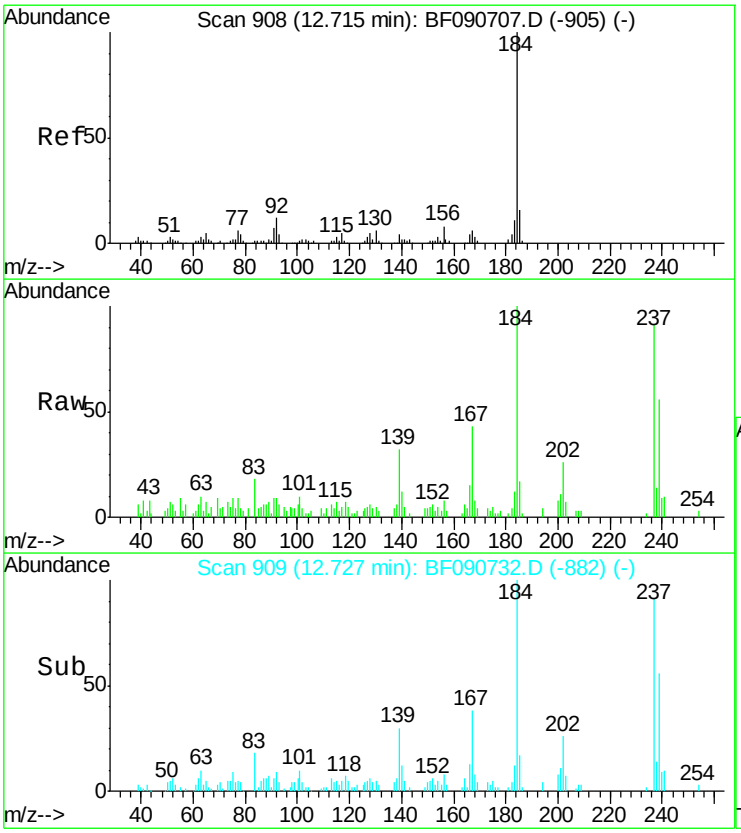

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:240 Resp: 589385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 18.8 | 16.2 | 24.2 |
| 236 | 26.3 | 18.4 | 27.6 |

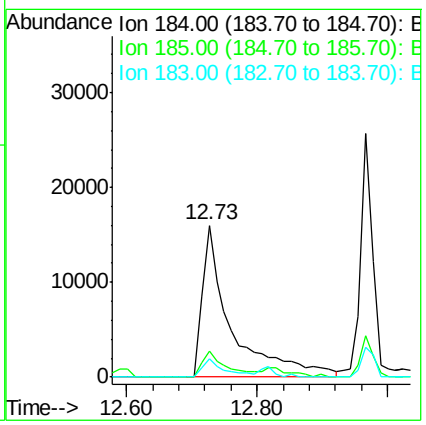


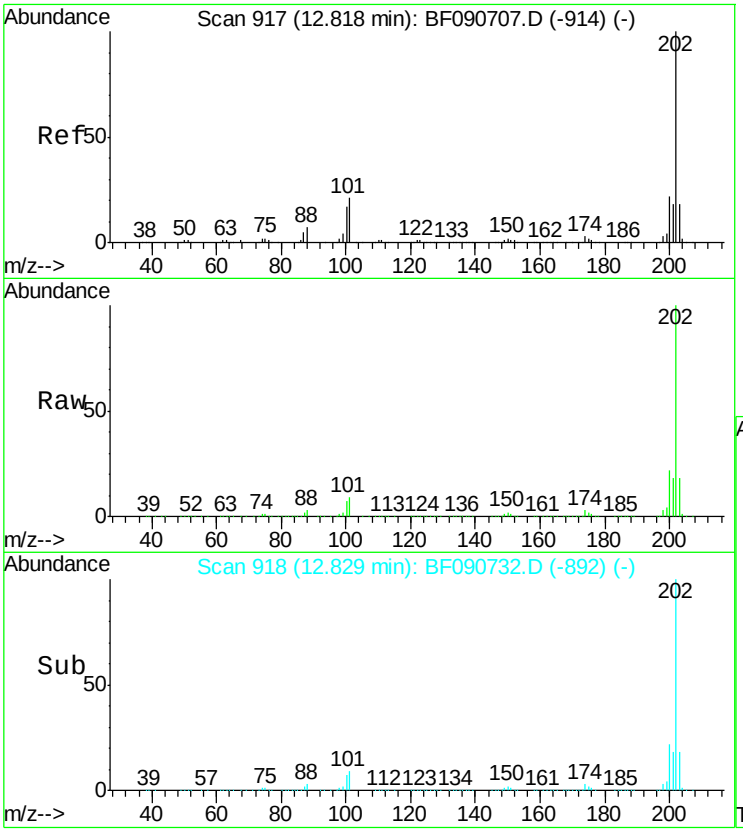




#76
Benzidine
Concen: 3.75 ng
RT: 12.73 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:184 Resp: 49080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.0 | 11.8 | 17.6 |
| 183 | 11.9 | 7.6 | 11.4# |



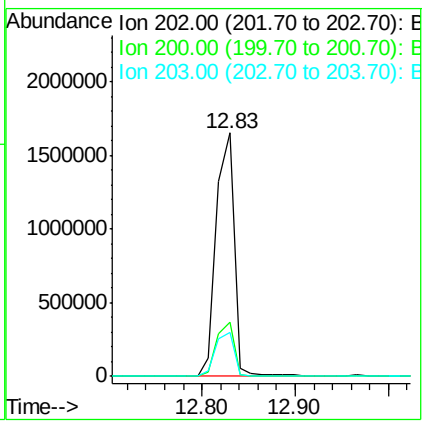


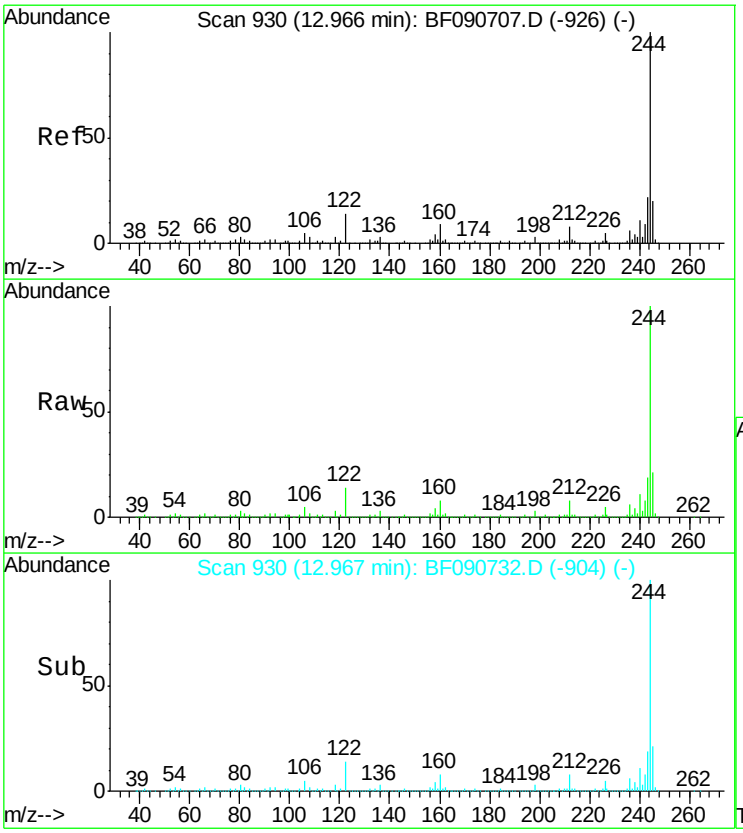

#77
Pyrene
Concen: 53.49 ng
RT: 12.83 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:202 Resp: 2201831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 15.0 | 22.4 |
| 203 | 17.9 | 14.1 | 21.1 |

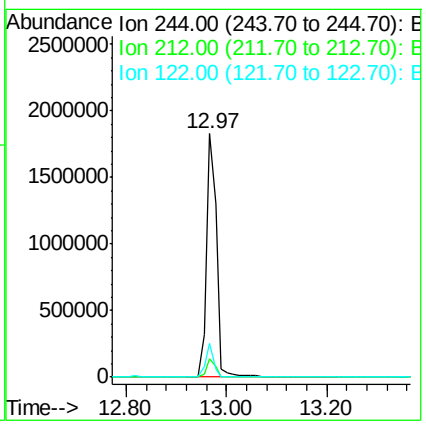


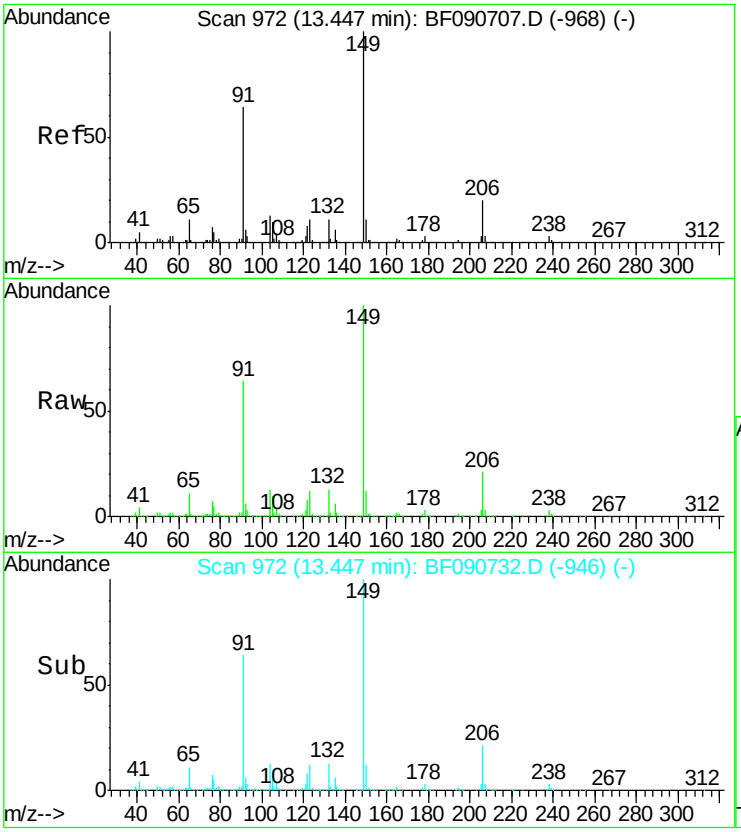




#78
Terphenyl-d14
Concen: 98.17 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:244 Resp: 2524636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 4.3 | 6.5# |
| 122 | 14.0 | 17.4 | 26.2# |



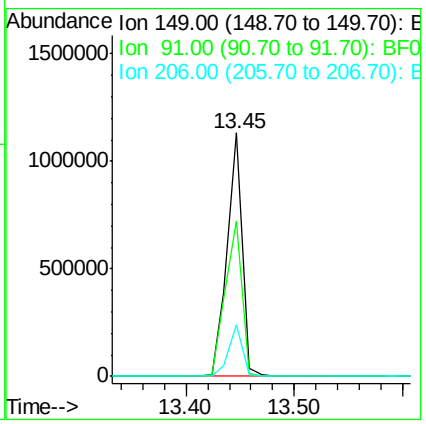


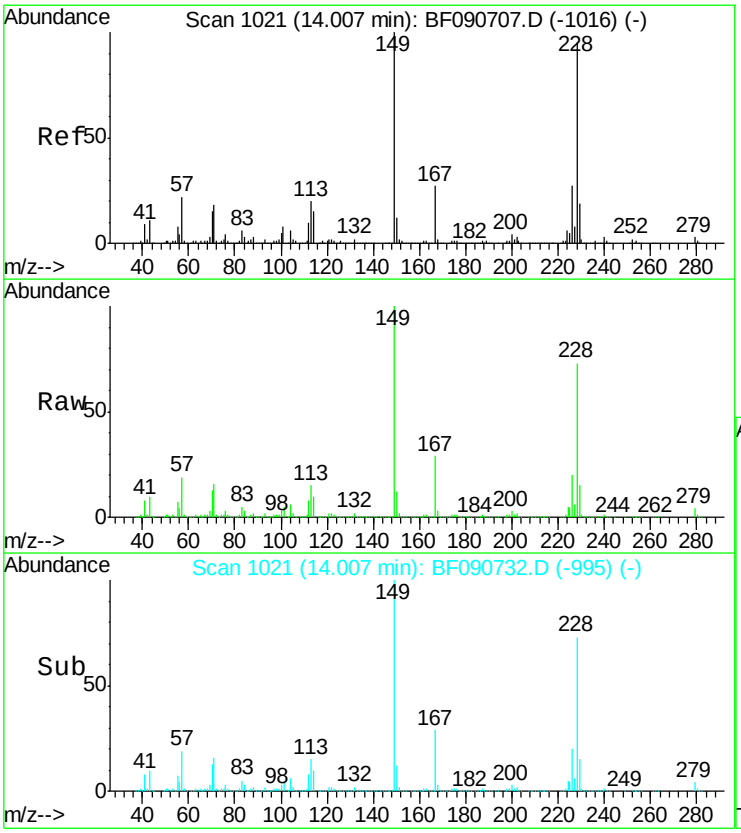

#79
Butylbenzylphthalate
Concen: 57.18 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:149 Resp: 1081955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.8 | 48.6 | 72.8 |
| 206 | 21.1 | 14.9 | 22.3 |

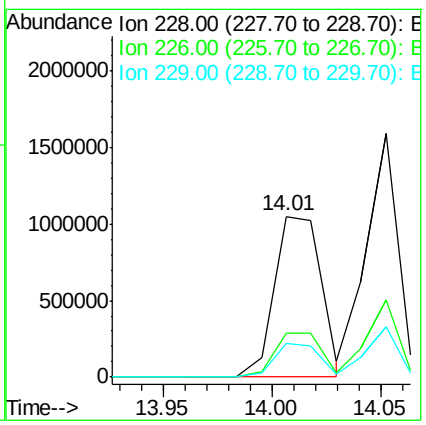


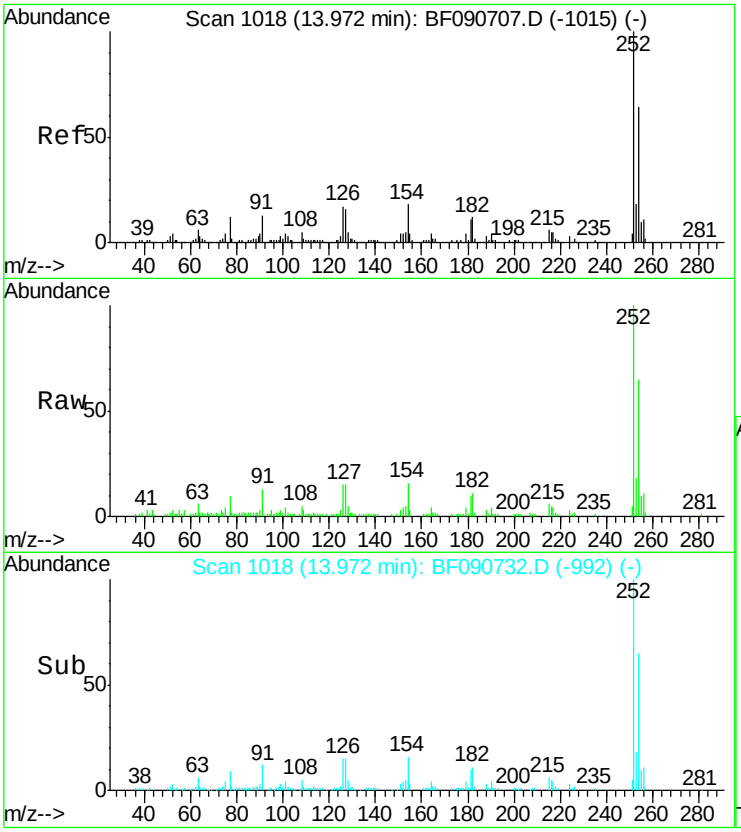




#80
Benzo(a)anthracene
Concen: 48.95 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:228 Resp: 1578699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 20.0 | 30.0 |
| 229 | 20.7 | 15.4 | 23.2 |



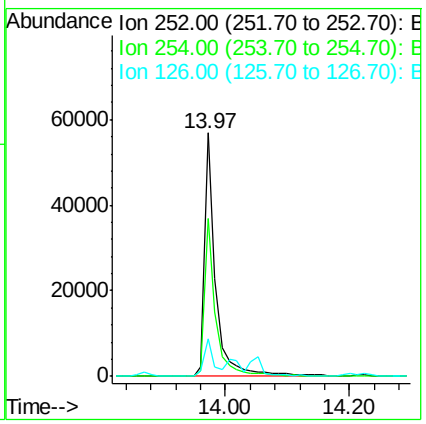


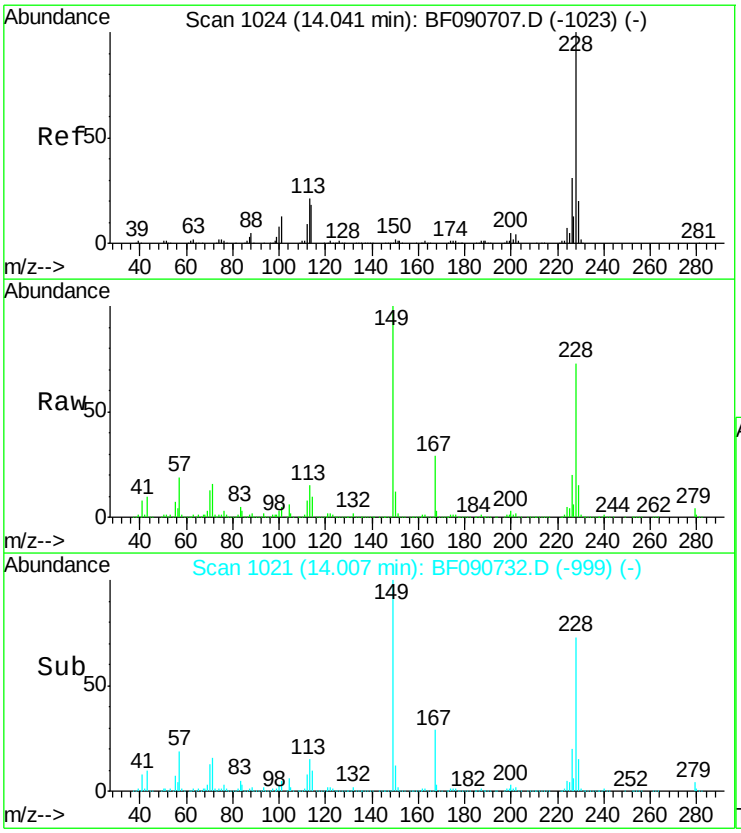

#81
3,3'-Dichlorobenzidine
Concen: 6.37 ng
RT: 13.97 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:252 Resp: 71140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.4 | 77.2 |
| 126 | 15.4 | 16.4 | 24.6# |

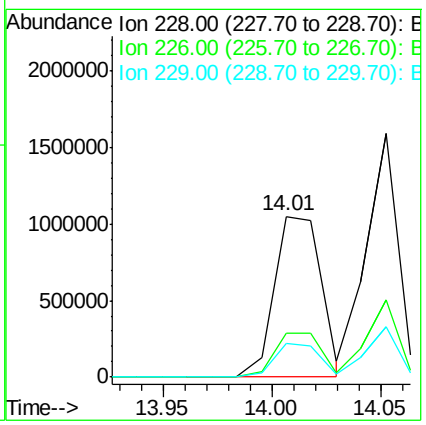


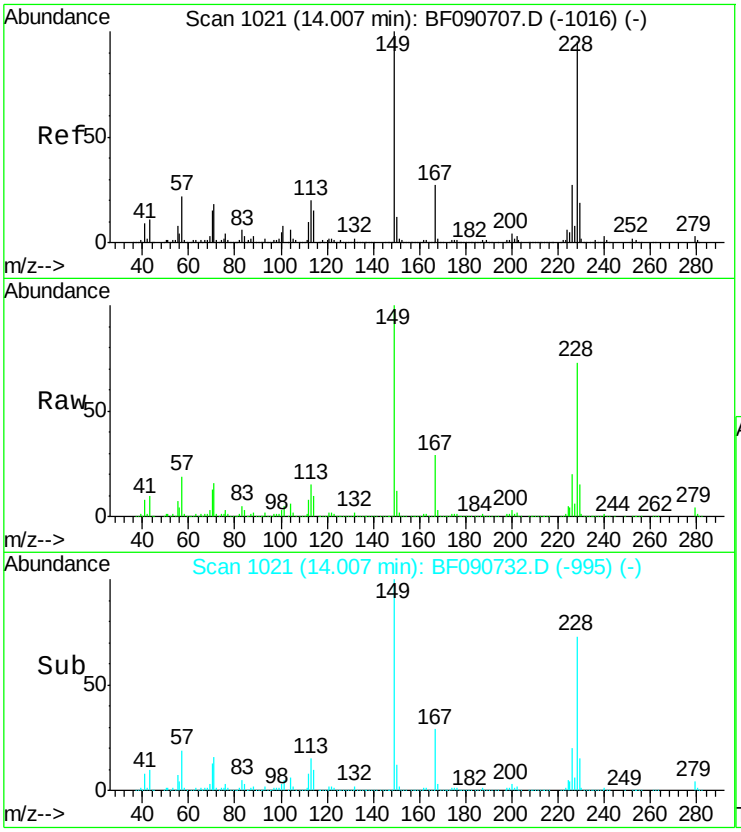




#82
Chrysene
Concen: 50.15 ng
RT: 14.01 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:228 Resp: 1578699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 21.0 | 31.4 |
| 229 | 20.7 | 15.6 | 23.4 |



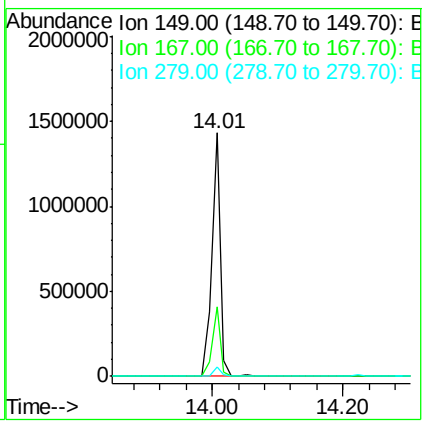


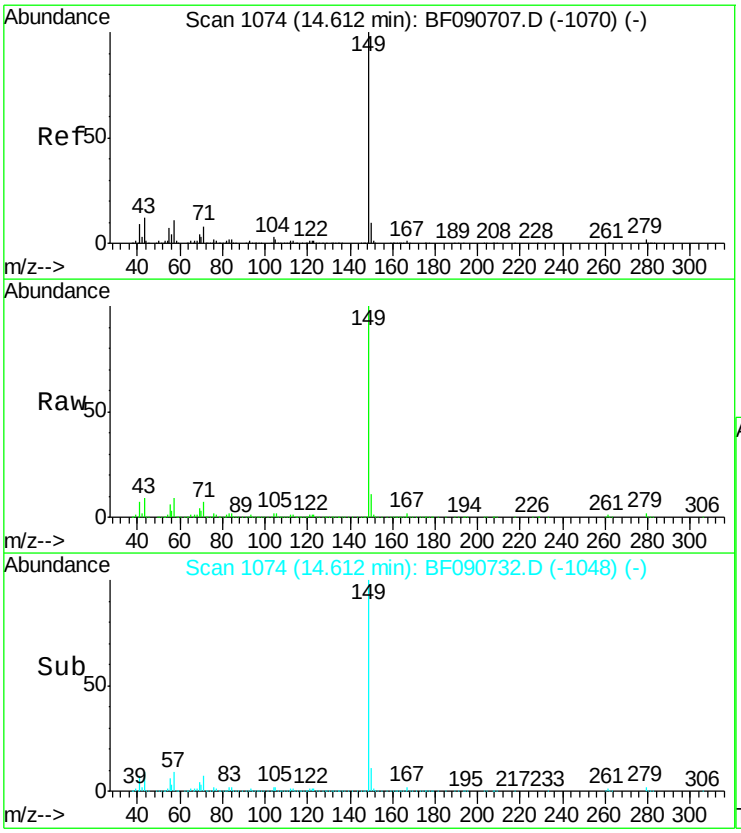

#83
Bis(2-ethylhexyl)phthalate
Concen: 48.62 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:149 Resp: 1316317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.6 | 24.2 | 36.2 |
| 279 | 3.9 | 3.8 | 5.6 |

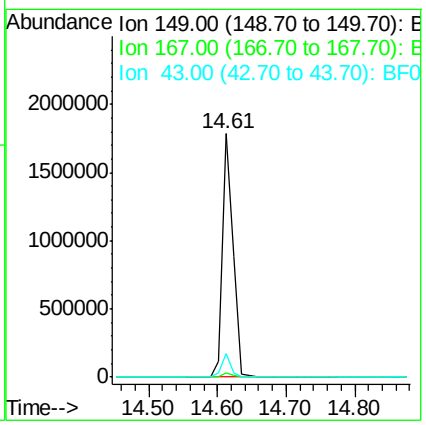


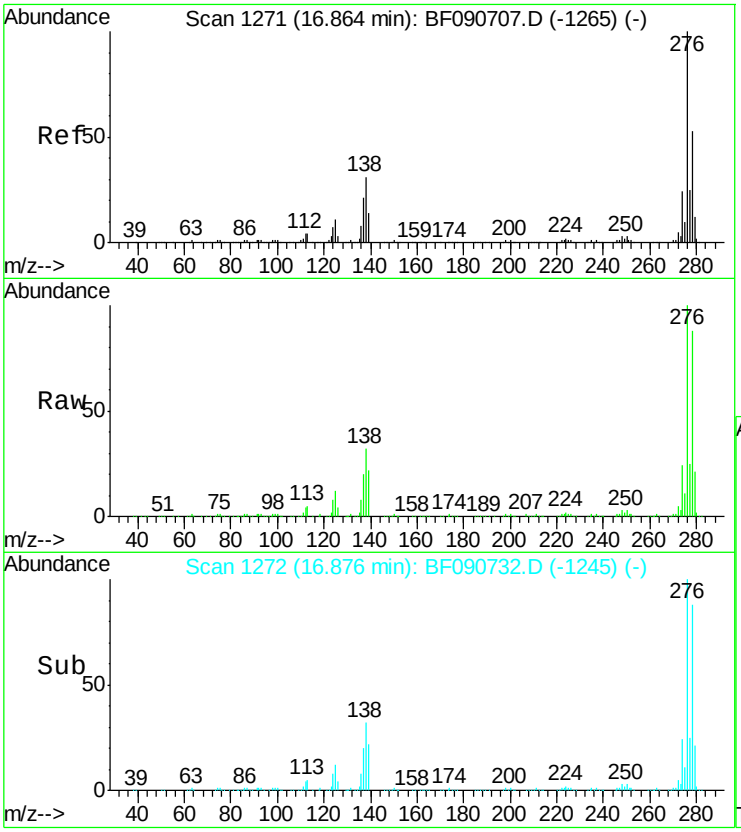




#84
Di-n-octyl phthalate
Concen: 47.32 ng
RT: 14.61 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:149 Resp: 1944404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.0 | 1.6# |
| 43 | 8.4 | 10.2 | 15.2# |



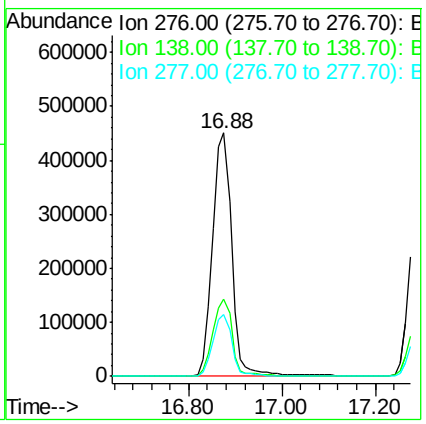


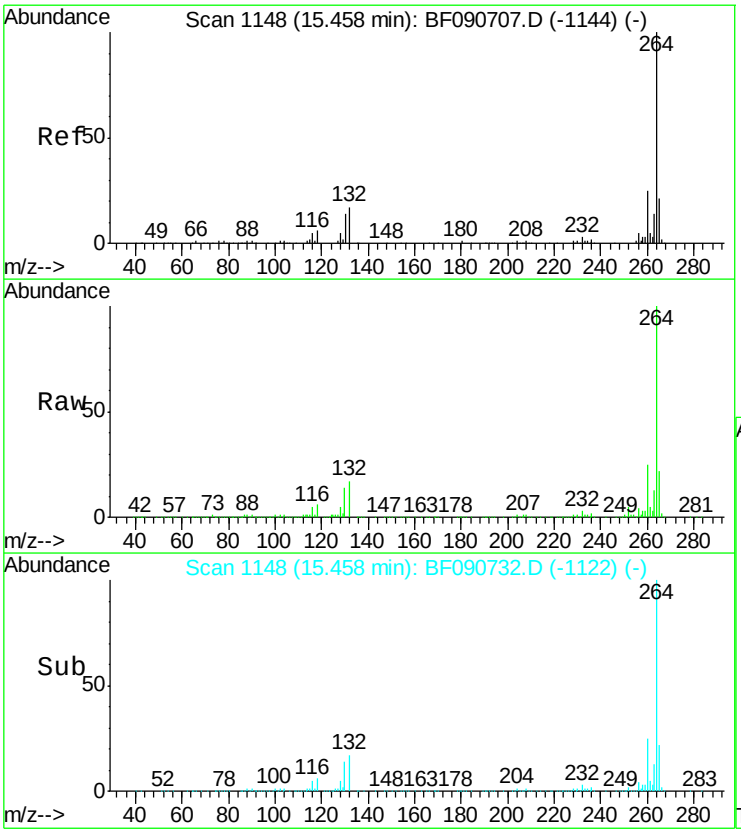

#85
Indeno(1,2,3-cd)pyrene
Concen: 47.25 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:276 Resp: 1297500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 32.3 | 25.7 | 38.5 |
| 277 | 25.5 | 15.6 | 23.4# |

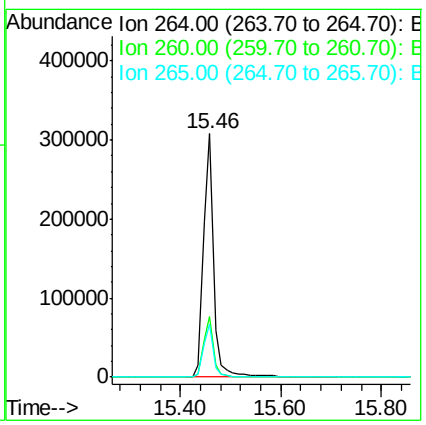


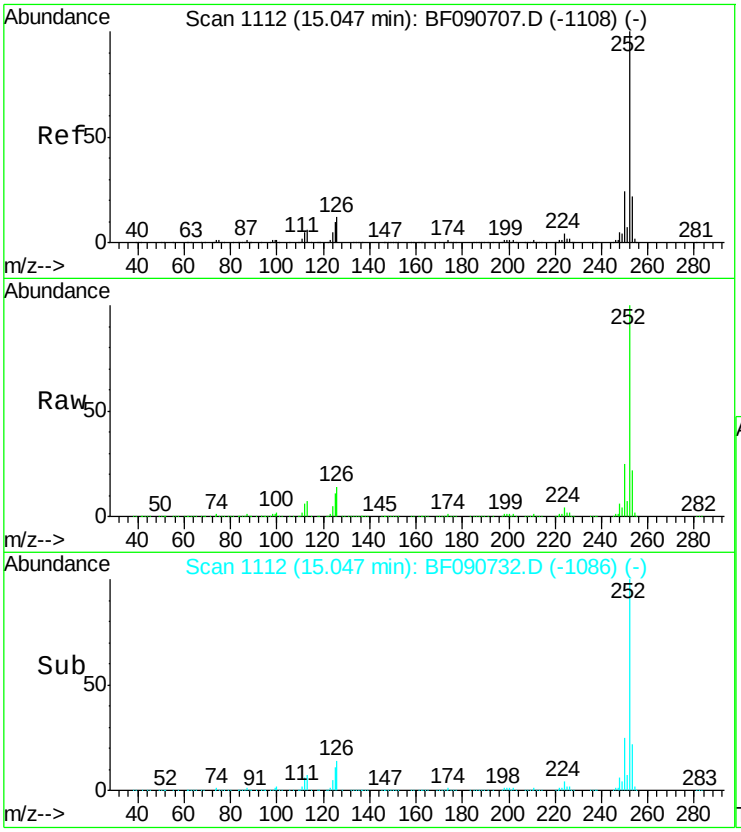




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:264 Resp: 434824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 16.7 | 25.1 |
| 265 | 21.5 | 17.2 | 25.8 |



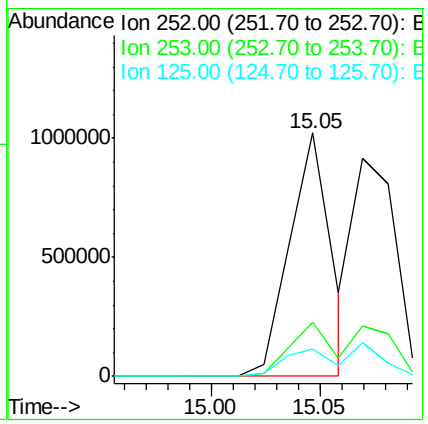


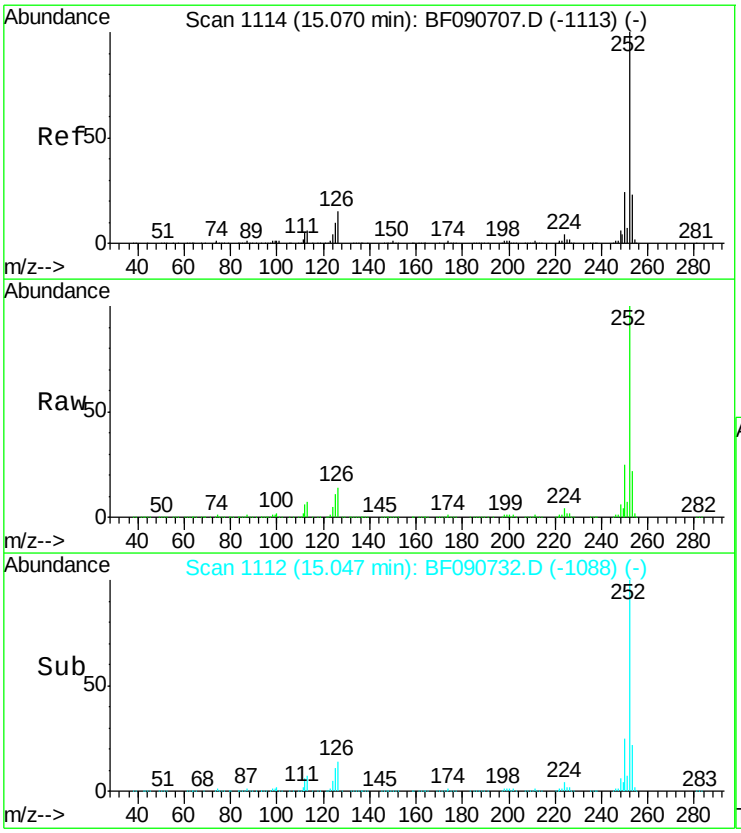

#87
Benzo(b)fluoranthene
Concen: 50.35 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:252 Resp: 1346276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.5 | 26.3 |
| 125 | 11.0 | 17.1 | 25.7# |

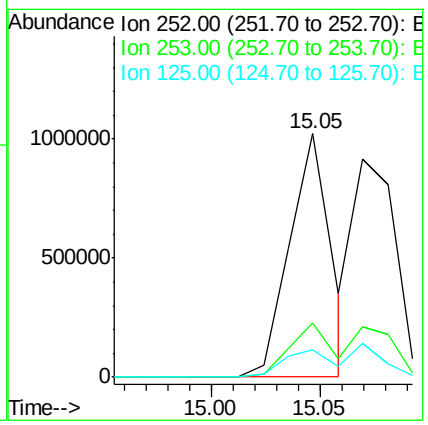


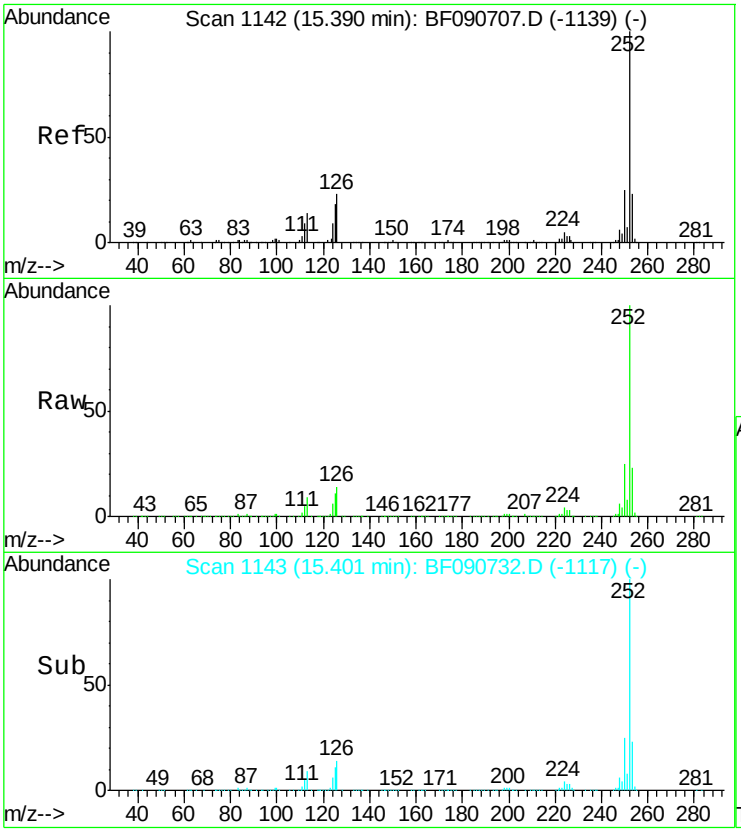




#88
Benzo(k)fluoranthene
Concen: 50.10 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:252 Resp: 1346276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.0 | 25.4 |
| 125 | 11.0 | 16.0 | 24.0# |



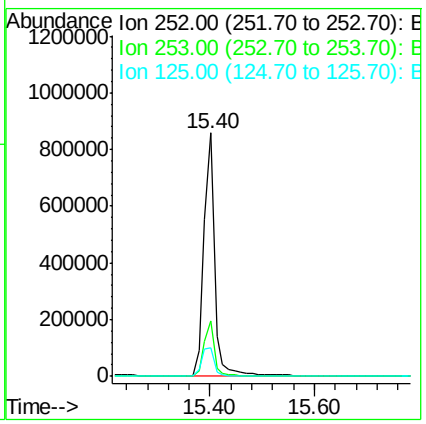


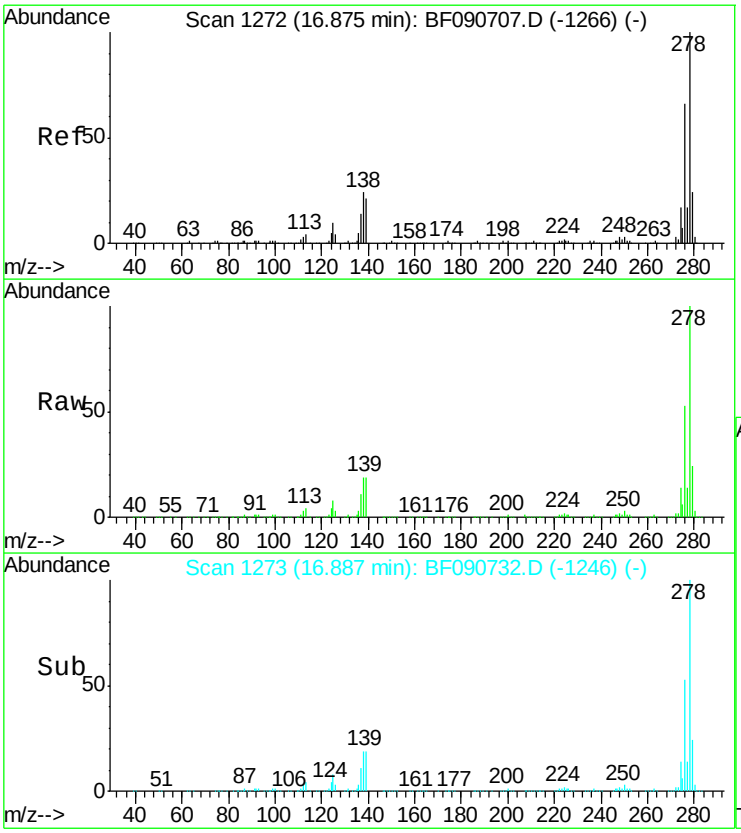

#89
Benzo(a)pyrene
Concen: 48.60 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:252 Resp: 1219030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.2 | 25.8 |
| 125 | 11.5 | 18.0 | 27.0# |

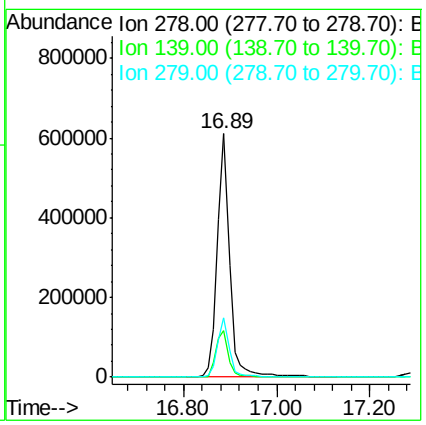


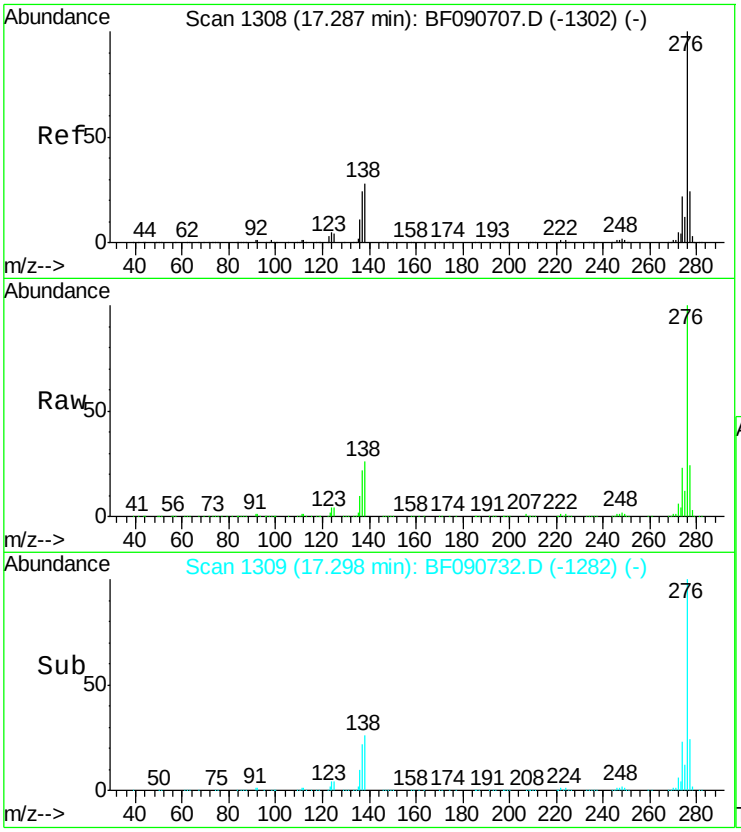




#90
Dibenzo(a,h)anthracene
Concen: 46.61 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:278 Resp: 1122515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.1 | 26.3 | 39.5# |
| 279 | 24.2 | 18.2 | 27.4 |






#91
Benzo(g,h,i)perylene
Concen: 44.69 ng
RT: 17.30 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
MW-102DMS

Tgt Ion:276 Resp: 1044047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 17.8 | 26.6 |
| 138 | 26.0 | 34.6 | 51.8# |