Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091936.D
Acq On : 23 Dec 2016 20:55
Operator : UM/SJ
Sample : H6058-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** H6058-05MS

Quant Time: Dec 23 22:09:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 230116 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.03 | 136 | 851811 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.79 | 164 | 407851 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 583227 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.89 | 240 | 455224 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.29 | 264 | 457032 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 1724219 | 125.11 | ng | | 0.05 |
| 7) Phenol-d6 | 6.44 | 99 | 2170338 | 128.99 | ng | | 0.03 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 1433692 | 93.59 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.58 | 330 | 369002 | 109.33 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.12 | 172 | 1936640 | 99.49 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.84 | 244 | 1282271 | 68.31 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.33 | 88 | 235709 | 34.74 | ng | | 99 |
| 3) Pyridine | 3.01 | 79 | 533210 | 22.52 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 2.98 | 42 | 373214 | 41.78 | ng | | 96 |
| 6) Aniline | 6.41 | 93 | 327446 | 14.98 | ng | # | 45 |
| 8) 2-Chlorophenol | 6.54 | 128 | 619177 | 39.50 | ng | | 97 |
| 9) Benzaldehyde | 6.28 | 77 | 96867 | 7.67 | ng | | 94 |
| 10) Phenol | 6.45 | 94 | 1013149 | 52.84 | ng | # | 72 |
| 11) bis(2-Chloroethyl)ether | 6.49 | 93 | 676505 | 44.34 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.68 | 146 | 669691 | 40.02 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 6.76 | 146 | 686372 | 40.29 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.91 | 146 | 563235 | 38.11 | ng | | 95 |
| 15) Benzyl Alcohol | 6.91 | 79 | 583622 | 44.64 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45 | 927900 | 40.84 | ng | | 67 |
| 17) 2-Methylphenol | 7.05 | 107 | 545704 | 43.28 | ng | | 98 |
| 18) Hexachloroethane | 7.25 | 117 | 254696 | 40.33 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70 | 516861 | 46.17 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.21 | 107 | 747223 | 49.69 | ng | # | 74 |
| 22) Acetophenone | 7.16 | 105 | 955246 | 45.47 | ng | | 94 |
| 24) Nitrobenzene | 7.33 | 77 | 673393 | 41.27 | ng | | 100 |
| 25) Isophorone | 7.57 | 82 | 1270038 | 44.94 | ng | # | 93 |
| 26) 2-Nitrophenol | 7.65 | 139 | 362486 | 45.05 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.71 | 122 | 535259 | 40.11 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93 | 811716 | 47.36 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 7.92 | 162 | 529517 | 46.86 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 7.97 | 180 | 511138 | 41.28 | ng | # | 94 |
| 31) Naphthalene | 8.05 | 128 | 1630077 | 41.81 | ng | | 100 |
| 32) Benzoic acid | 7.85 | 122 | 174613 | 17.64 | ng | | 95 |
| 33) 4-Chloroaniline | 8.11 | 127 | 199579 | 11.35 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.17 | 225 | 292987 | 44.82 | ng | | 98 |
| 35) Caprolactam | 8.46 | 113 | 200901 | 54.10 | ng | # | 1 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 516801 | 39.74 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.75 | 142 | 1123598 | 49.22 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 426897 | 41.43 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.90 | 237 | 185738 | 42.44 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091936.D
Acq On : 23 Dec 2016 20:55
Operator : UM/SJ
Sample : H6058-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** H6058-05MS

Quant Time: Dec 23 22:09:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.04 | 196 | 298338 | 41.40 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 9.09 | 196 | 306961 | 41.39 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.21 | 154 | 1184200 | 42.41 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.24 | 162 | 920431 | 41.62 | ng | | 99 |
| 47) 2-Nitroaniline | 9.34 | 65 | 352859 | 44.81 | ng | # | 76 |
| 48) Acenaphthylene | 9.65 | 152 | 1423341 | 41.85 | ng | | 99 |
| 49) Dimethylphthalate | 9.52 | 163 | 1179224 | 45.21 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.58 | 165 | 262885 | 46.04 | ng | # | 87 |
| 51) Acenaphthene | 9.82 | 154 | 932401 | 40.44 | ng | | 100 |
| 52) 3-Nitroaniline | 9.76 | 138 | 151100 | 21.38 | ng | # | 70 |
| 53) 2,4-Dinitrophenol | 9.86 | 184 | 81432 | 25.63 | ng | # | 62 |
| 54) Dibenzofuran | 10.00 | 168 | 1254716 | 40.29 | ng | | 99 |
| 55) 4-Nitrophenol | 9.96 | 139 | 382628 | 79.76 | ng | # | 74 |
| 56) 2,4-Dinitrotoluene | 9.98 | 165 | 322674 | 45.03 | ng | # | 96 |
| 57) Fluorene | 10.34 | 166 | 998781 | 44.09 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.12 | 232 | 229287 | 39.09 | ng | # | 87 |
| 59) Diethylphthalate | 10.21 | 149 | 1000617 | 39.50 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204 | 406805 | 41.01 | ng | | 99 |
| 61) 4-Nitroaniline | 10.36 | 138 | 195998 | 26.77 | ng | | 84 |
| 62) Azobenzene | 10.49 | 77 | 1160311 | 41.60 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198 | 78245 | 22.19 | ng | # | 61 |
| 65) n-Nitrosodiphenylamine | 10.45 | 169 | 847781 | 48.99 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.82 | 248 | 280497 | 46.23 | ng | | 90 |
| 67) Hexachlorobenzene | 10.89 | 284 | 270830 | 41.76 | ng | | 96 |
| 68) Atrazine | 10.98 | 200 | 261420 | 46.83 | ng | | 98 |
| 69) Pentachlorophenol | 11.08 | 266 | 249459 | 78.40 | ng | | 99 |
| 70) Phenanthrene | 11.29 | 178 | 1299023 | 41.08 | ng | | 98 |
| 71) Anthracene | 11.34 | 178 | 1337577 | 49.32 | ng | | 99 |
| 72) Carbazole | 11.50 | 167 | 1144432 | 43.15 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.84 | 149 | 1576585 | 53.38 | ng | | 98 |
| 74) Fluoranthene | 12.48 | 202 | 1308286 | 47.35 | ng | | 94 |
| 76) Benzidine | 12.60 | 184 | 391271 | 31.30 | ng | | 96 |
| 77) Pyrene | 12.71 | 202 | 1262772 | 37.81 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.32 | 149 | 620106 | 40.82 | ng | | 91 |
| 80) Benzo(a)anthracene | 13.88 | 228 | 989623 | 38.51 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.85 | 252 | 271007 | 27.81 | ng | | 97 |
| 82) Chrysene | 13.92 | 228 | 863385 | 33.50 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149 | 753082 | 42.10 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.49 | 149 | 1345853 | 40.61 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.63 | 276 | 962719 | 43.11 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.92 | 252 | 2020030 | 70.99 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 14.92 | 252 | 2020030 | 83.25 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.23 | 252 | 979427 | 38.78 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.64 | 278 | 798450 | 38.46 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.03 | 276 | 778965 | 36.09 | ng | | 98 |

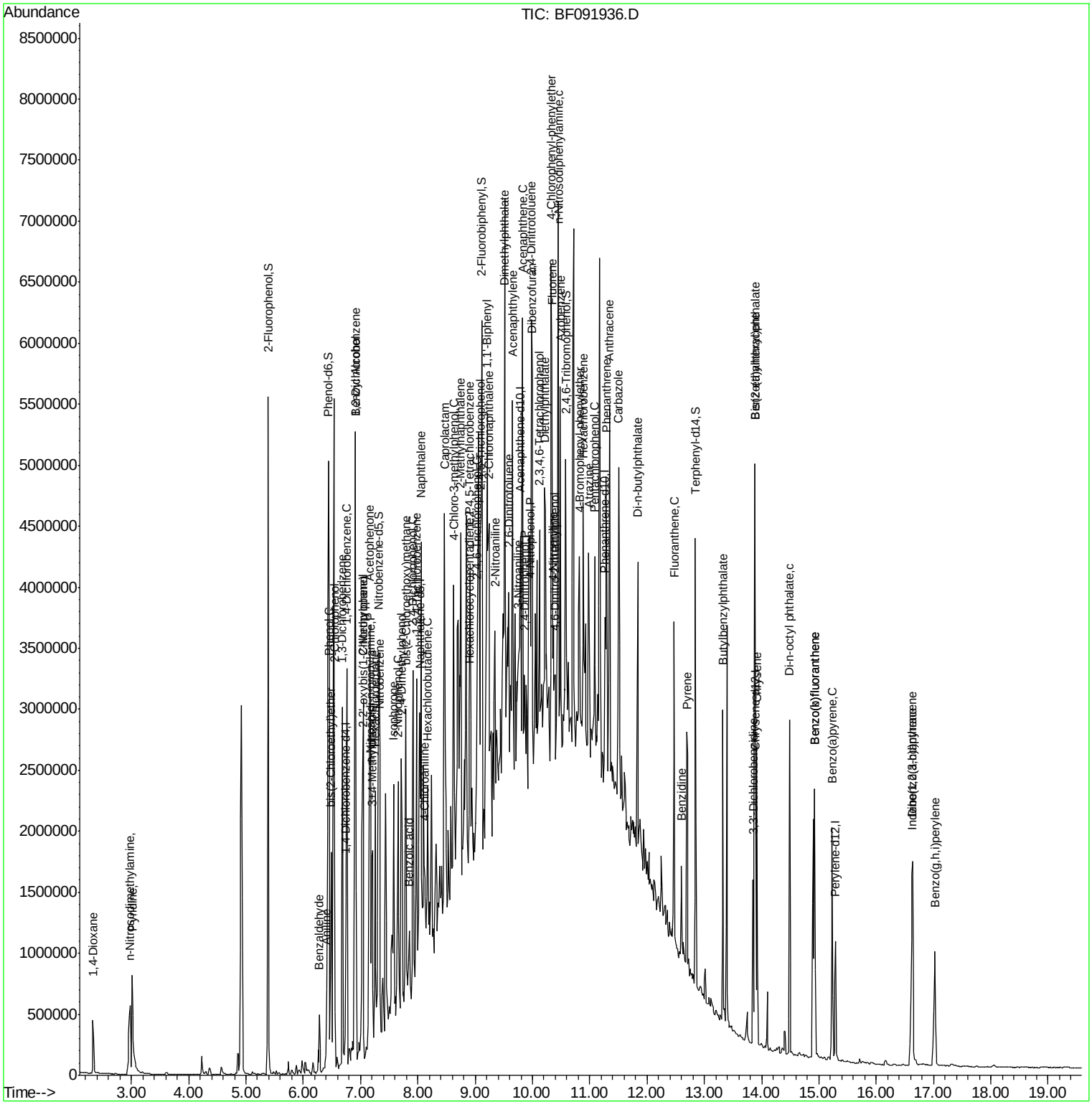
(#) = qualifier out of range (m) = manual integration (+) = signals summed

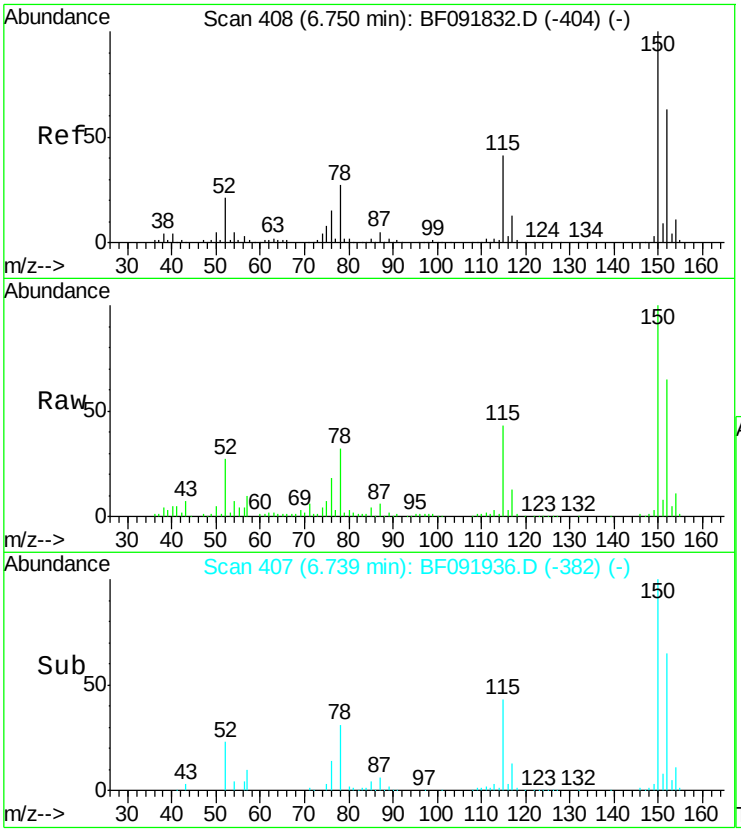
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091936.D
Acq On : 23 Dec 2016 20:55
Operator : UM/SJ
Sample : H6058-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Quant Time: Dec 23 22:09:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



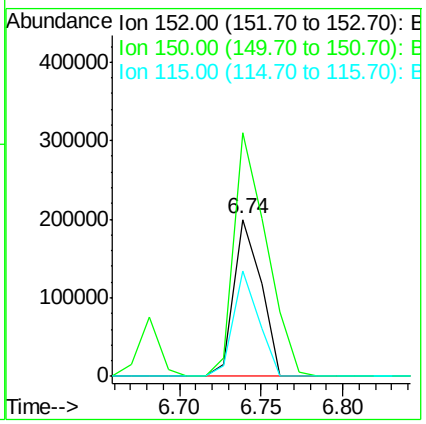


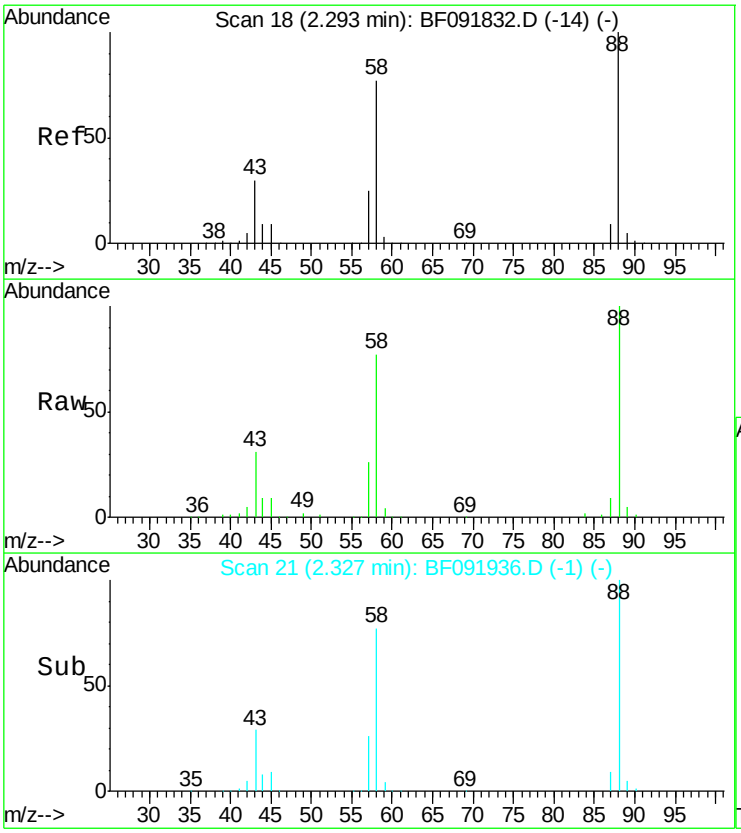

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:152 Resp: 230116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.9 | 124.9 | 187.3 |
| 115 | 67.0 | 46.0 | 69.0 |

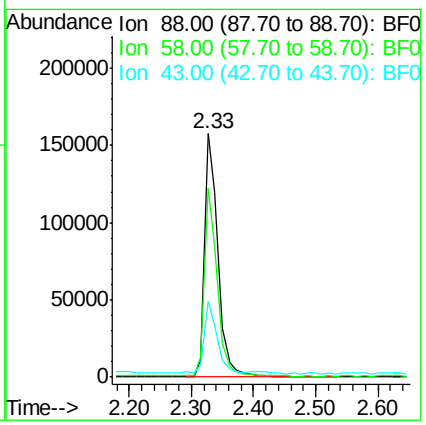


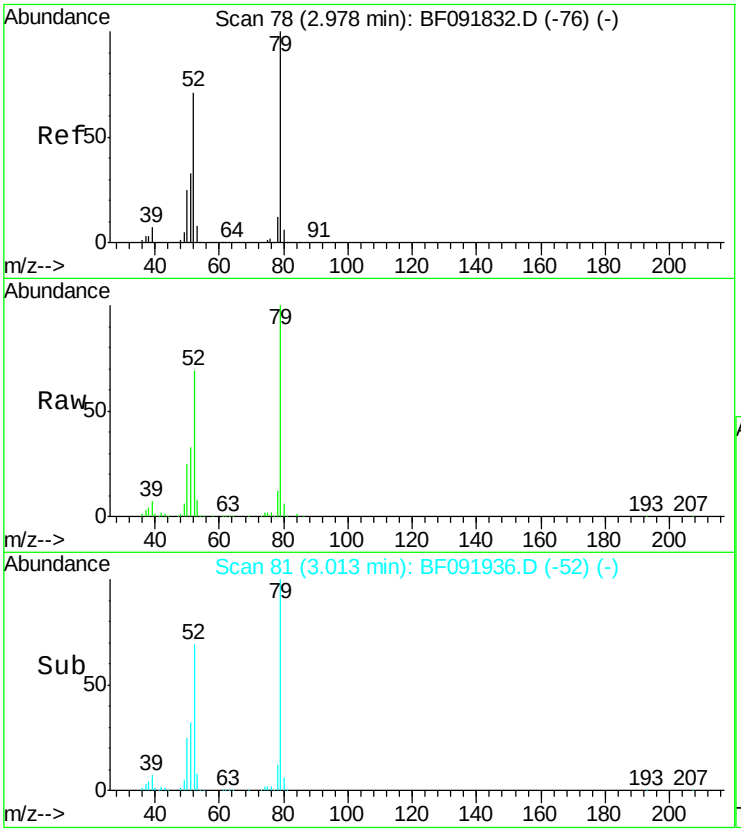




#2
1,4-Dioxane
Concen: 34.74 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 88 Resp: 235709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 73.9 | 57.8 | 86.8 |
| 43 | 28.1 | 22.3 | 33.5 |



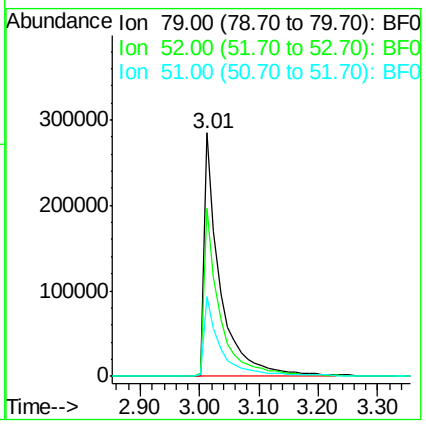


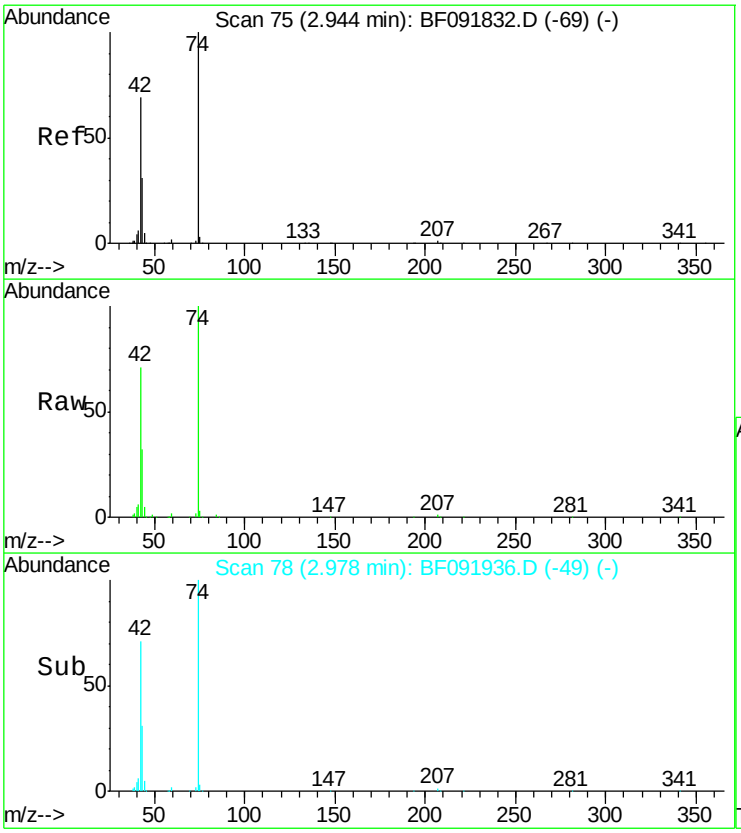

#3
Pyridine
Concen: 22.52 ng
RT: 3.01 min Scan# 81
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 79 Resp: 533210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 69.1 | 57.1 | 85.7 |
| 51 | 32.6 | 27.3 | 40.9 |

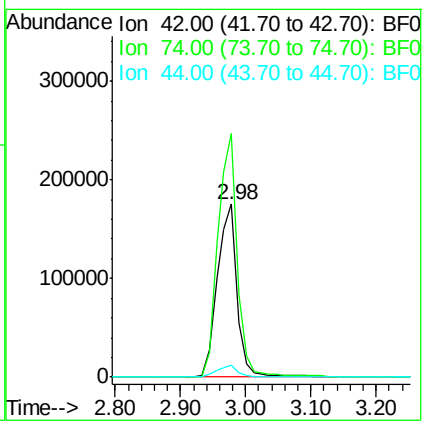


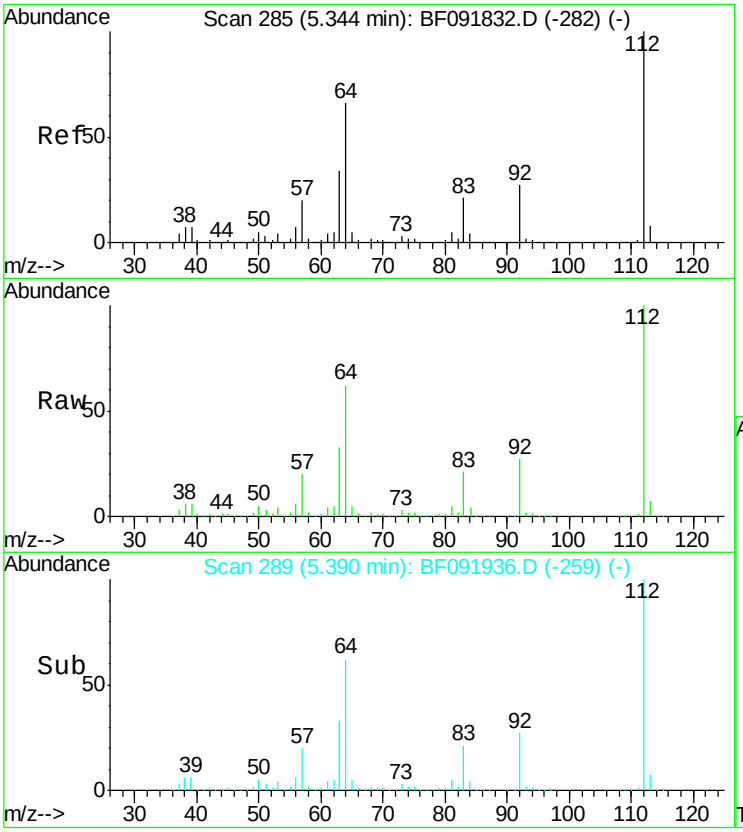




#4
n-Nitrosodimethylamine
Concen: 41.78 ng
RT: 2.98 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 42 Resp: 373214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.6 | 117.0 | 175.4 |
| 44 | 6.7 | 5.5 | 8.3 |



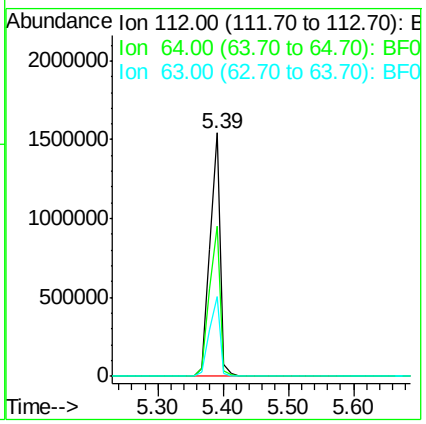


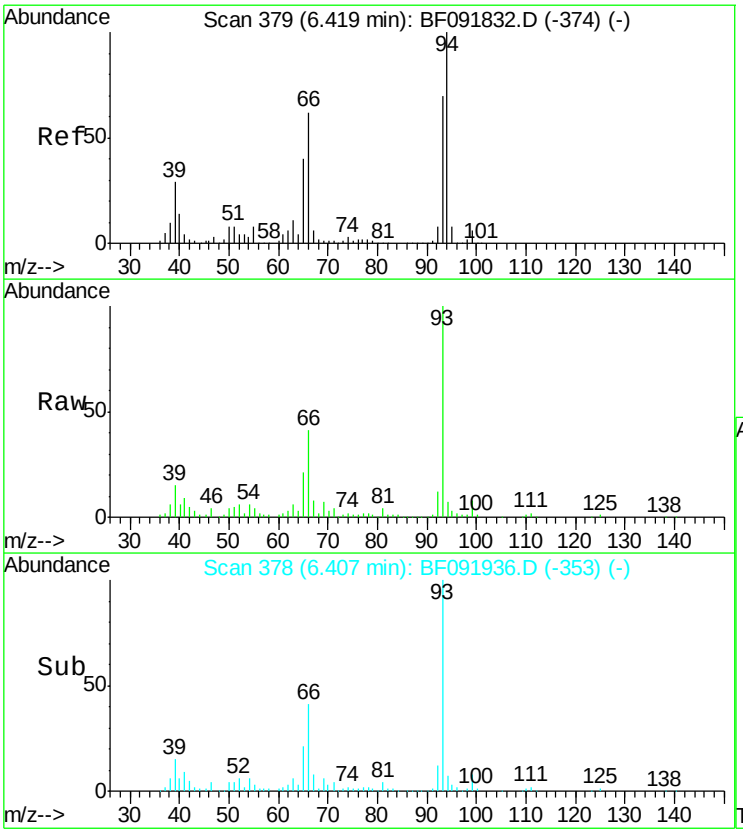

#5
2-Fluorophenol
Concen: 125.11 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:112 Resp: 1724219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.5 | 46.1 | 69.1 |
| 63 | 32.7 | 23.8 | 35.6 |

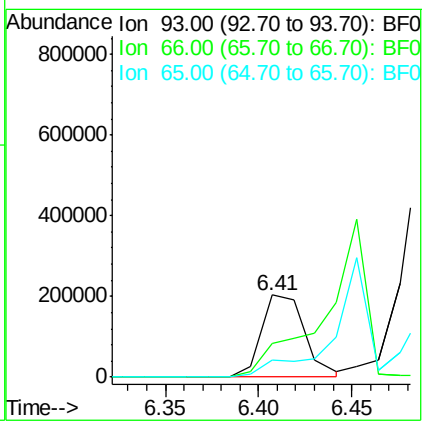


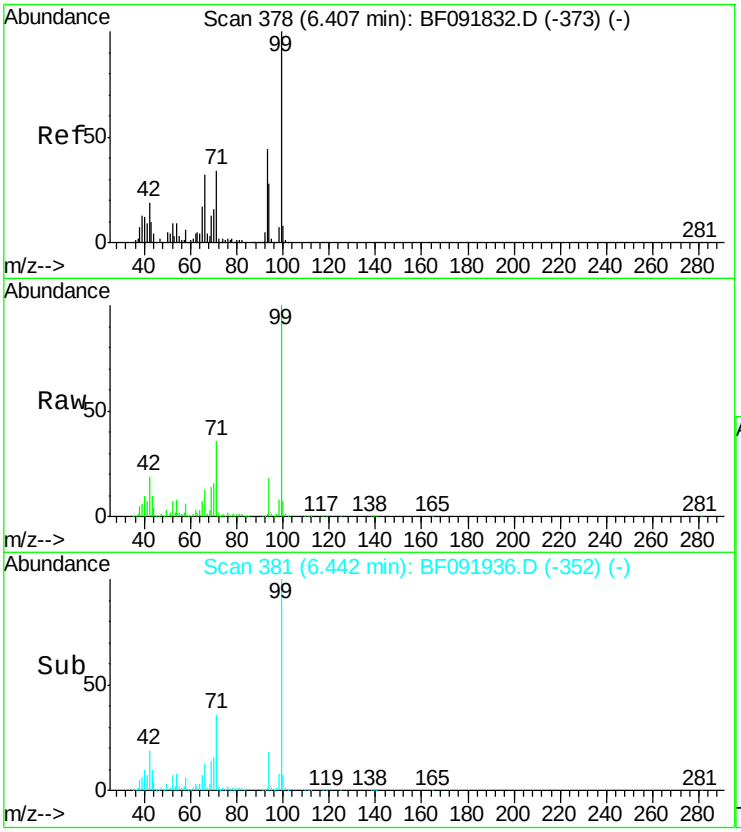




#6
Aniline
Concen: 14.98 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 93 Resp: 327446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.2 | 76.2 | 114.2# |
| 65 | 21.0 | 49.3 | 73.9# |



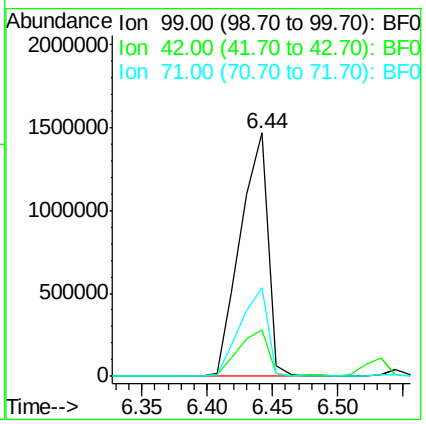


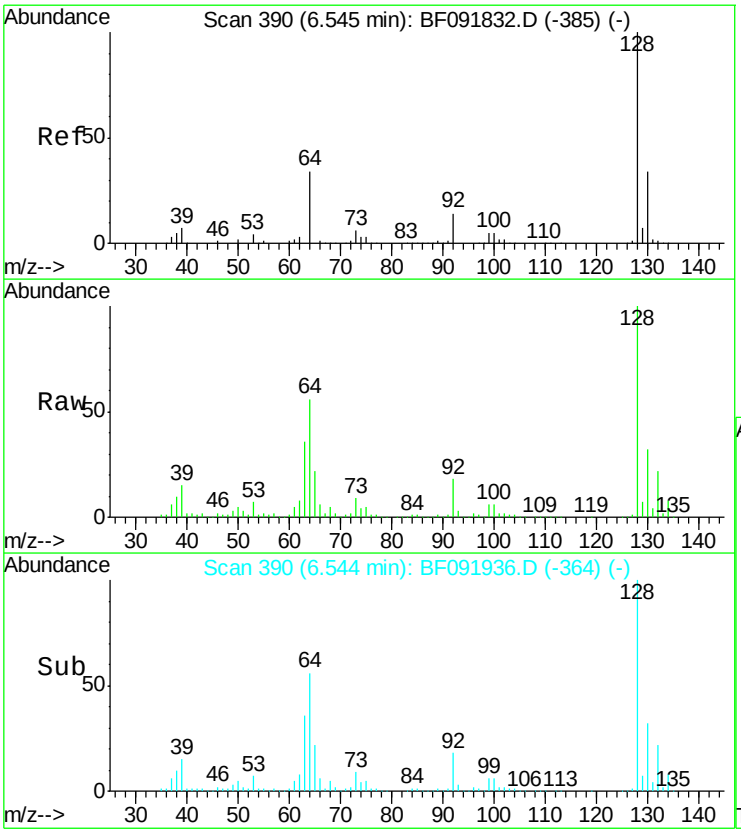

#7
Phenol-d6
Concen: 128.99 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 99 Resp: 2170338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.3 | 15.6 | 23.4 |
| 71 | 36.2 | 27.5 | 41.3 |

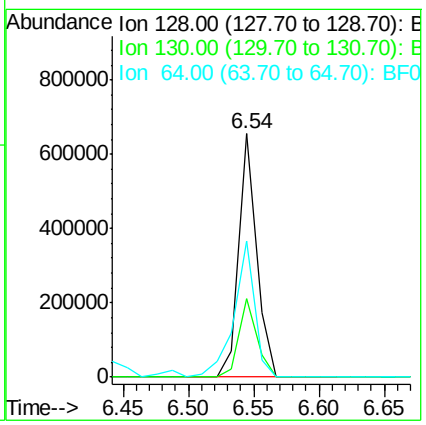


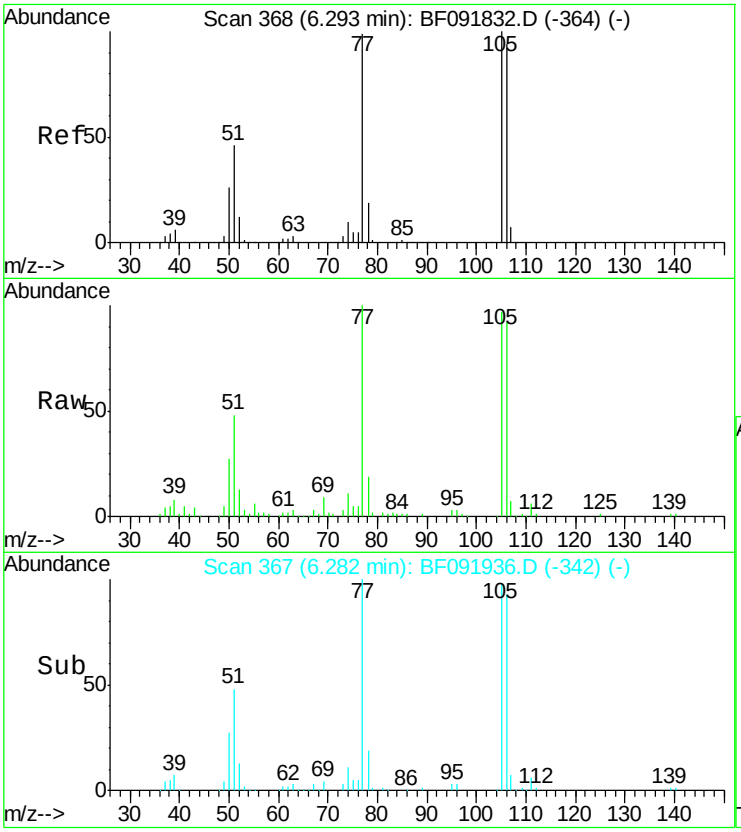




#8
2-Chlorophenol
Concen: 39.50 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:128 Resp: 619177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.2 | 12.3 | 52.3 |
| 64 | 55.7 | 32.2 | 72.2 |



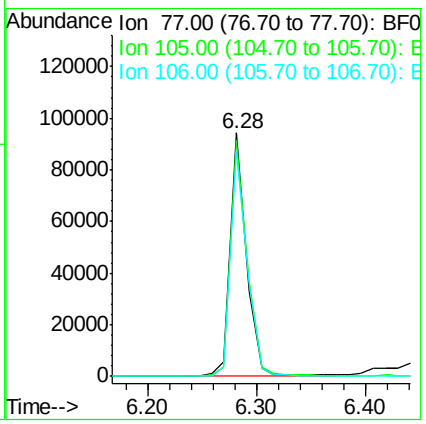


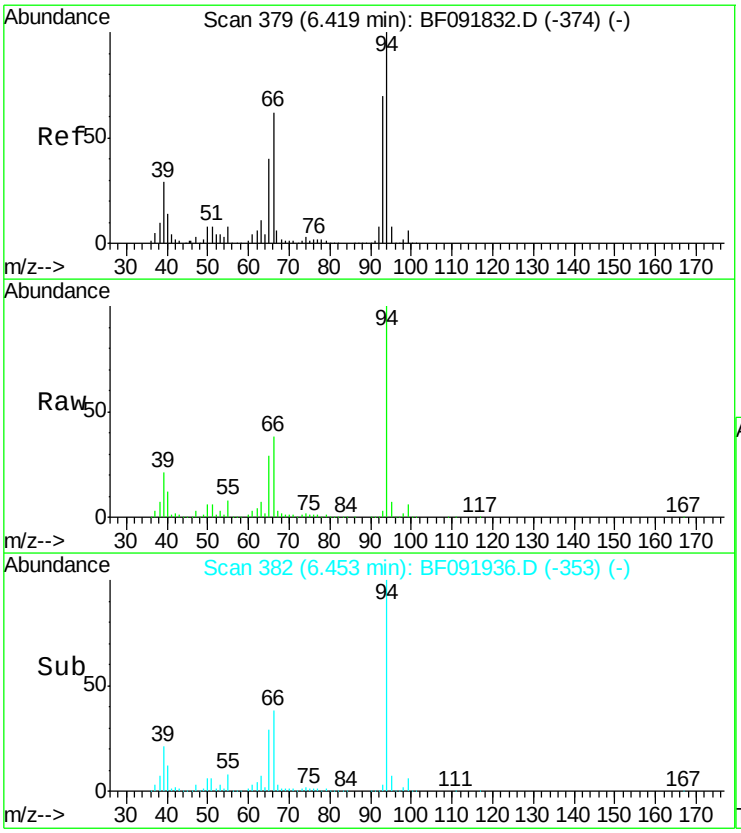

#9
Benzaldehyde
Concen: 7.67 ng
RT: 6.28 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 77 Resp: 96867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 97.2 | 83.9 | 123.9 |
| 106 | 92.3 | 77.6 | 117.6 |

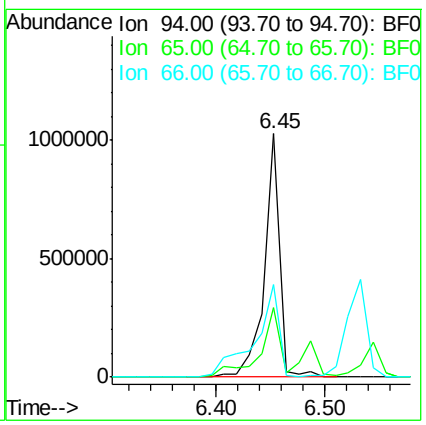


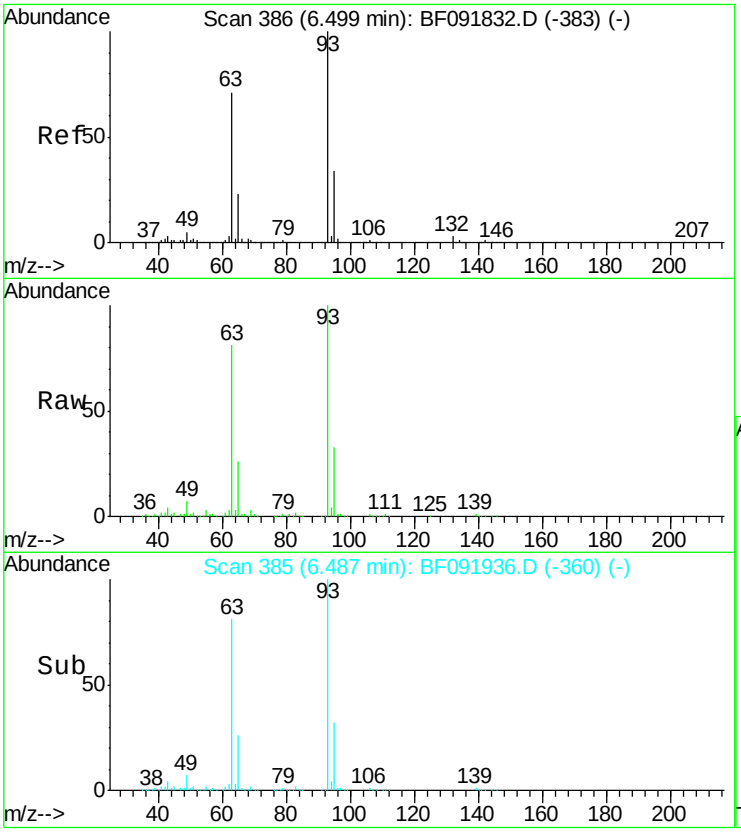




#10
Phenol
Concen: 52.84 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 94 Resp: 1013149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.8 | 21.4 | 61.4 |
| 66 | 38.2 | 44.0 | 84.0# |



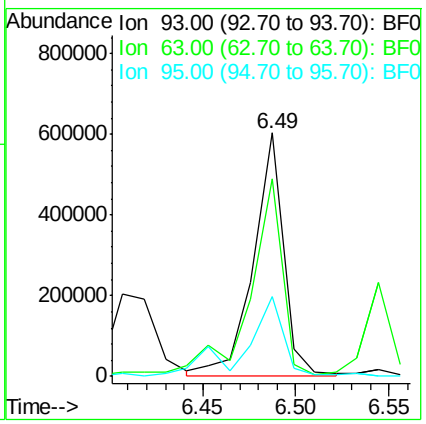


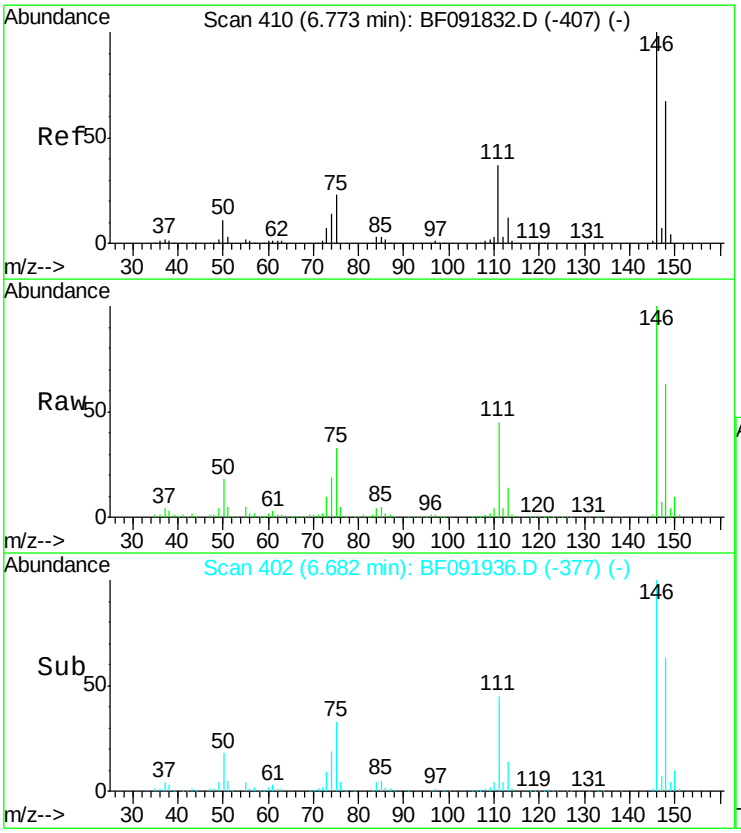

#11
bis(2-Chloroethyl)ether
Concen: 44.34 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 93 Resp: 676505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.0 | 60.4 | 100.4 |
| 95 | 32.6 | 12.8 | 52.8 |

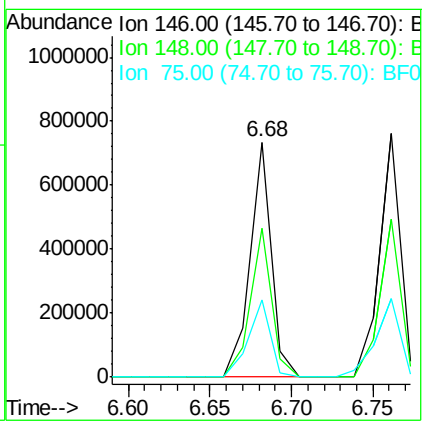


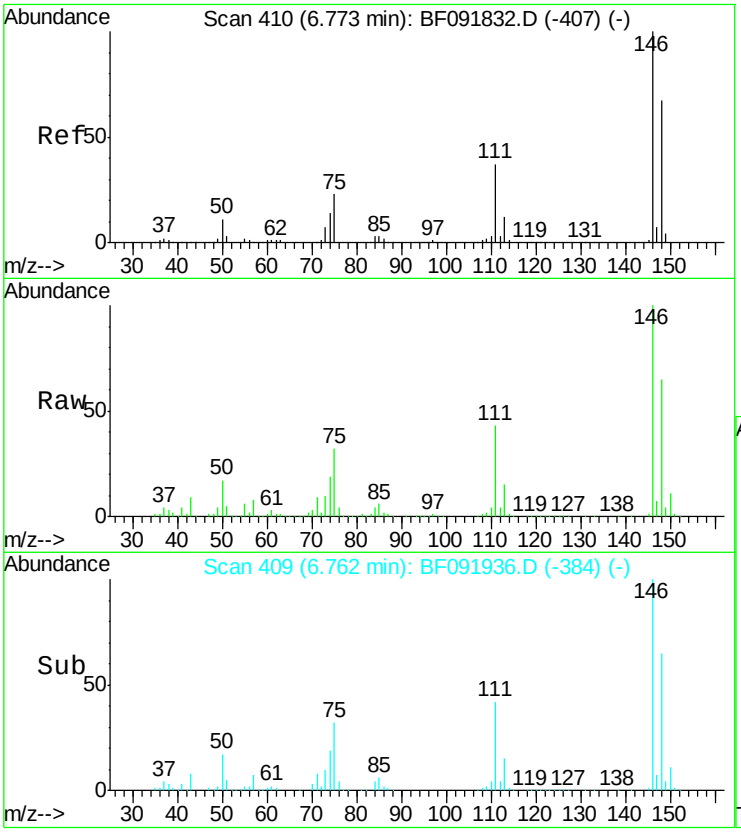




#12
1,3-Dichlorobenzene
Concen: 40.02 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:146 Resp: 669691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 53.4 | 80.0 |
| 75 | 33.0 | 18.5 | 27.7# |



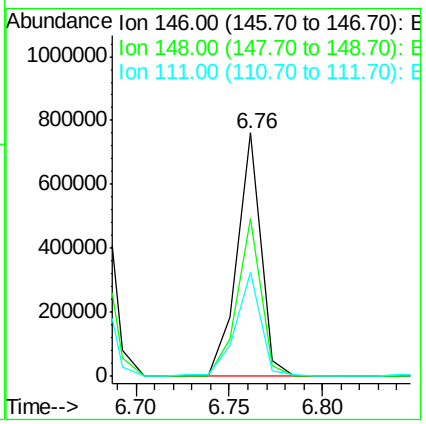


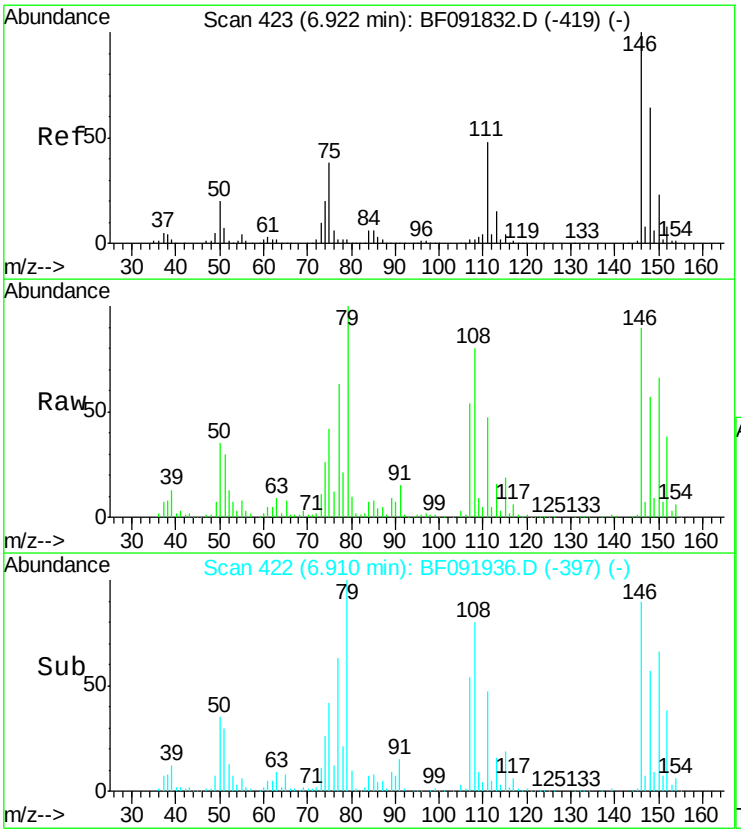

#13
1,4-Dichlorobenzene
Concen: 40.29 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:146 Resp: 686372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 50.6 | 76.0 |
| 111 | 42.9 | 36.2 | 54.4 |

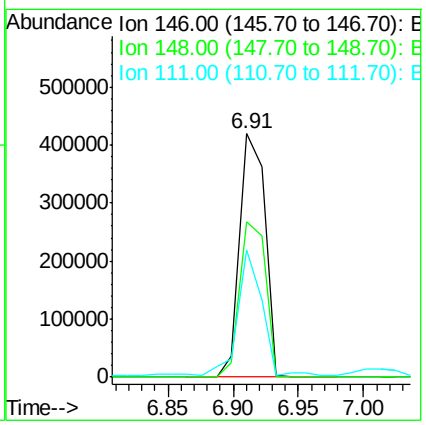


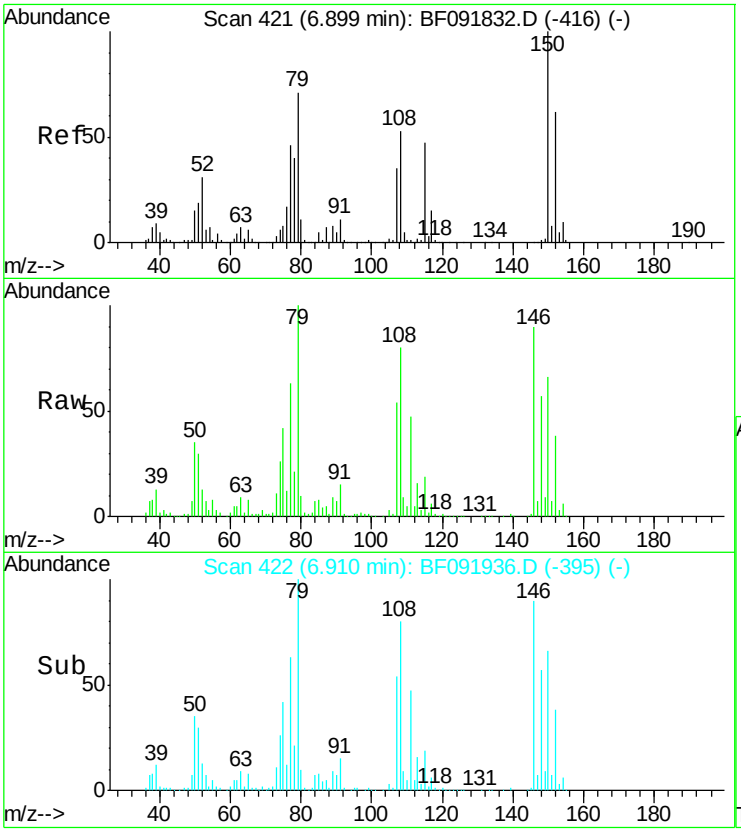




#14
1,2-Dichlorobenzene
Concen: 38.11 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:146 Resp: 563235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 52.2 | 78.2 |
| 111 | 52.3 | 36.2 | 54.2 |



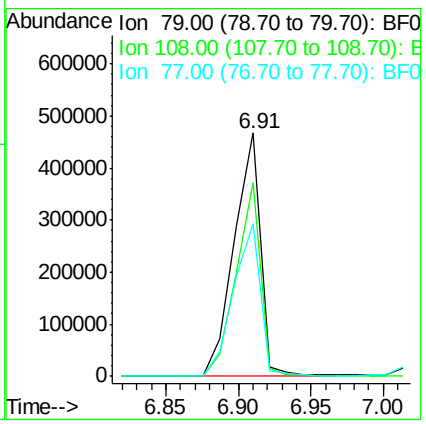


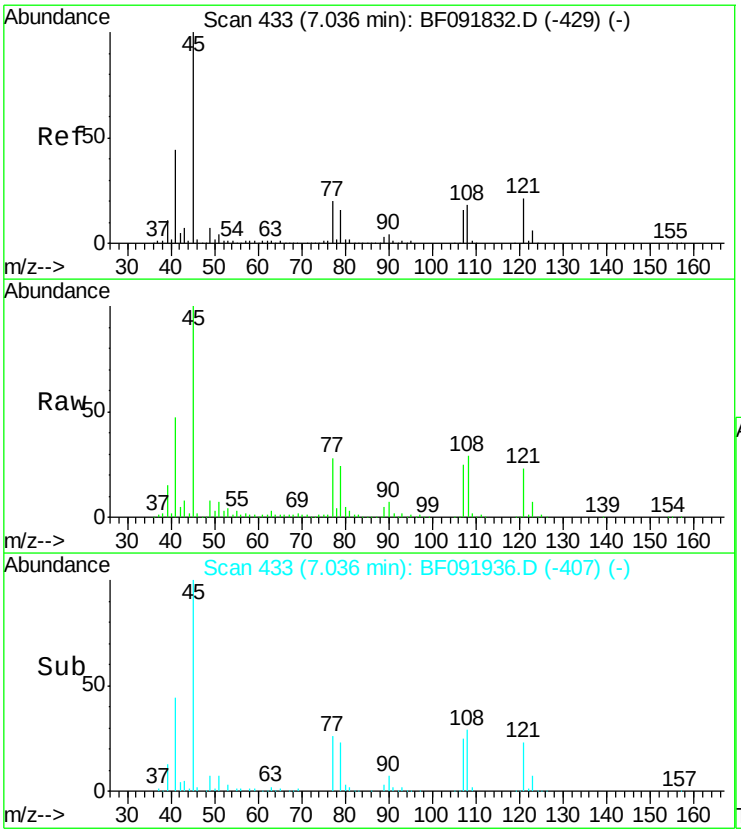

#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 79 Resp: 583622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.7 | 61.4 | 92.0 |
| 77 | 62.7 | 50.9 | 76.3 |

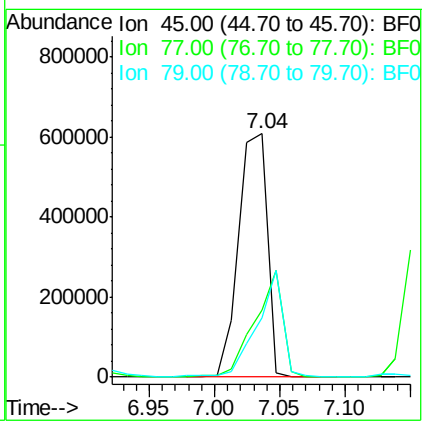


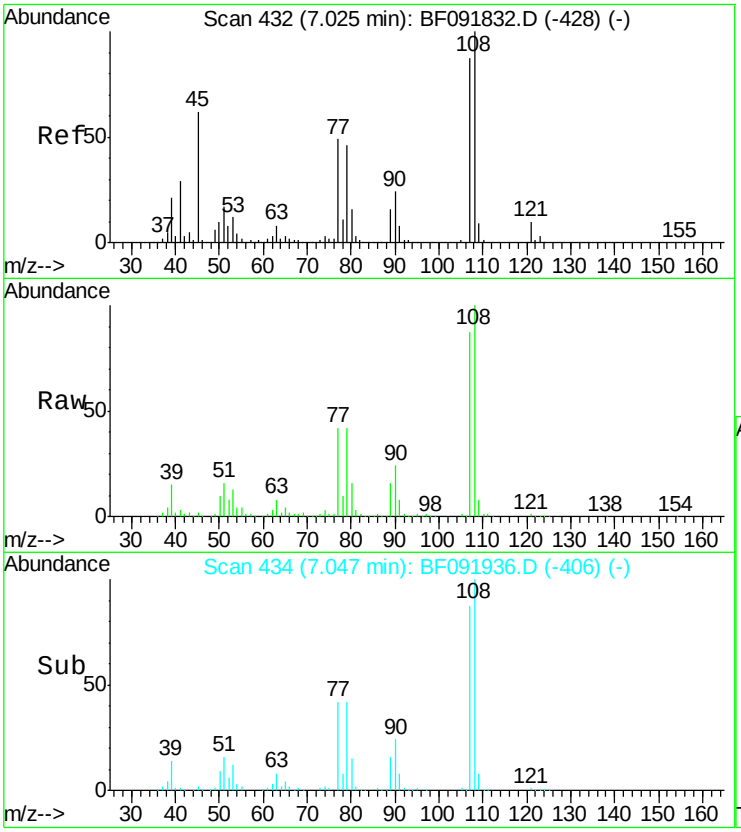




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.84 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 45 Resp: 927900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 27.7 | 0.0 | 34.6 |
| 79 | 24.1 | 0.0 | 31.2 |



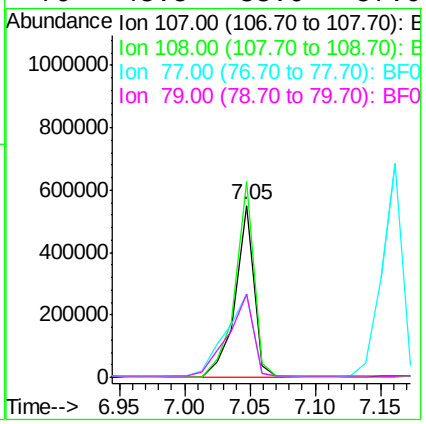


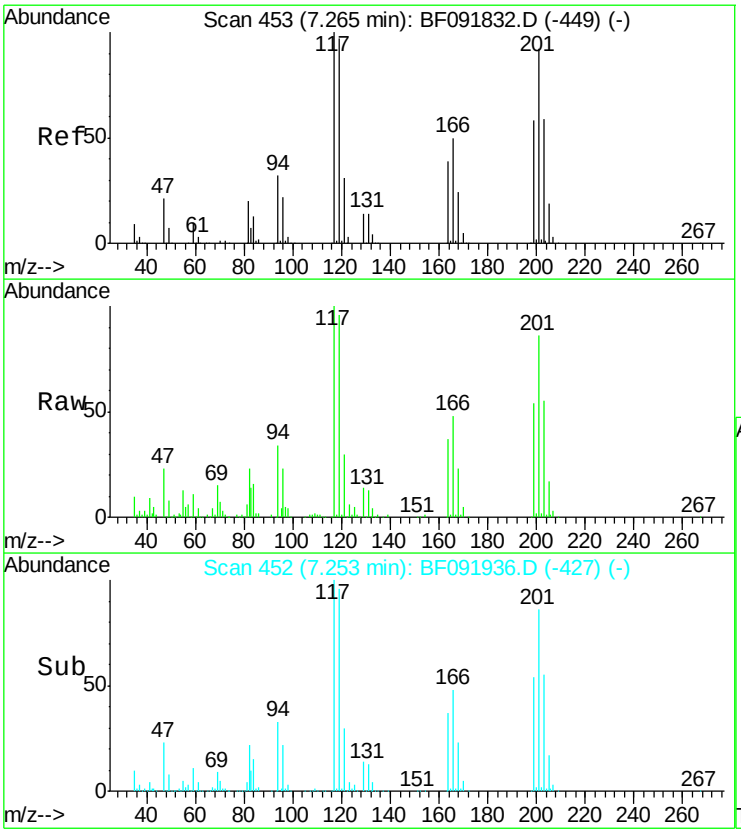

#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:107 Resp: 545704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.3 | 93.0 | 139.6 |
| 77 | 48.4 | 39.8 | 59.8 |
| 79 | 48.5 | 38.0 | 57.0 |

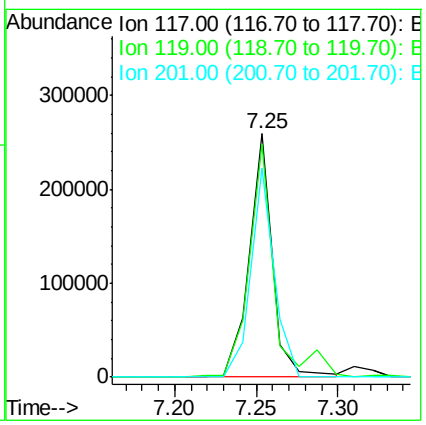


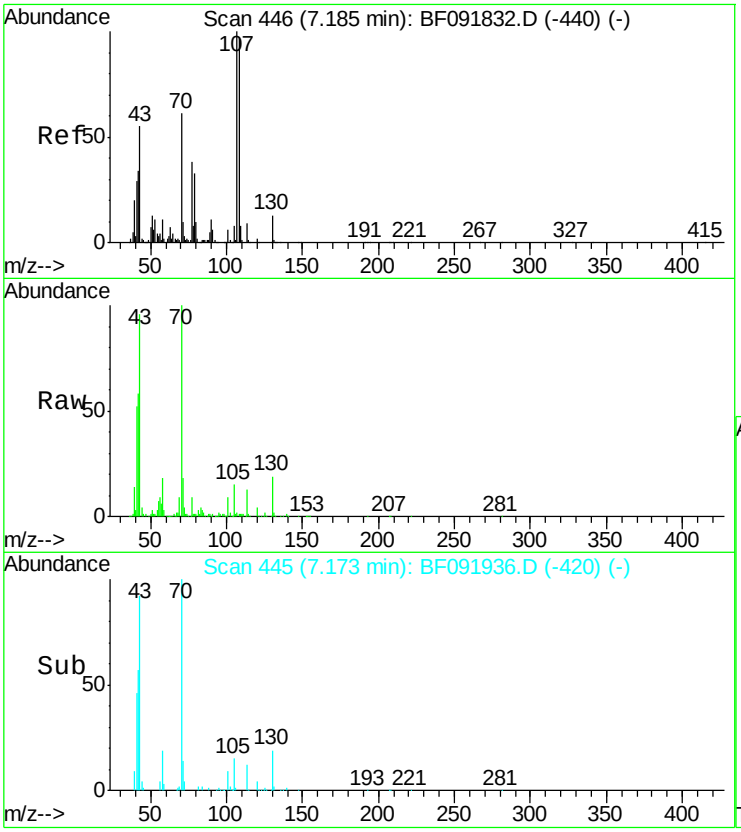




#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:117 Resp: 254696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 78.1 | 117.1 |
| 201 | 85.7 | 78.6 | 117.8 |



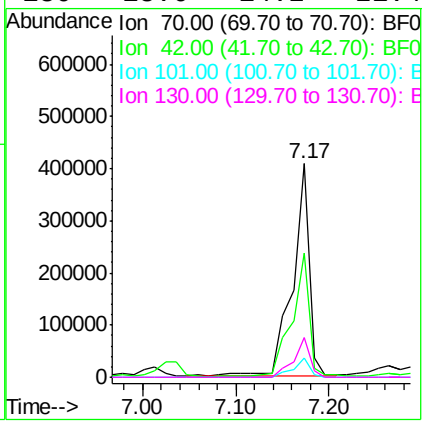


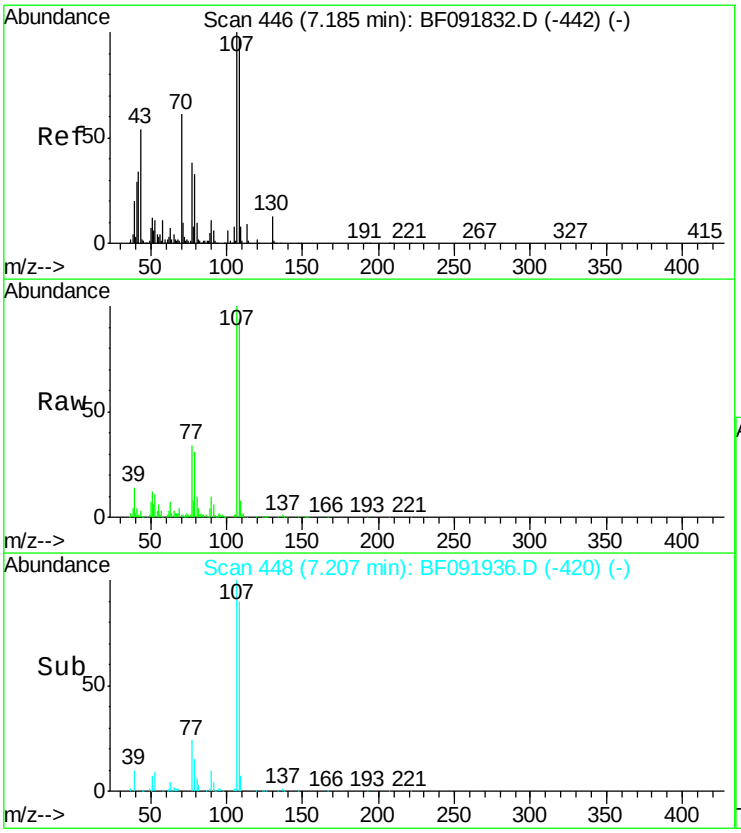

#19
n-Nitroso-di-n-propylamine
Concen: 46.17 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 70 Resp: 516861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.3 | 49.4 | 74.0 |
| 101 | 9.0 | 7.4 | 11.2 |
| 130 | 18.6 | 14.2 | 21.4 |

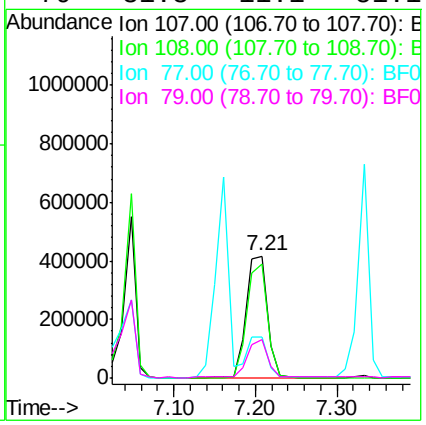


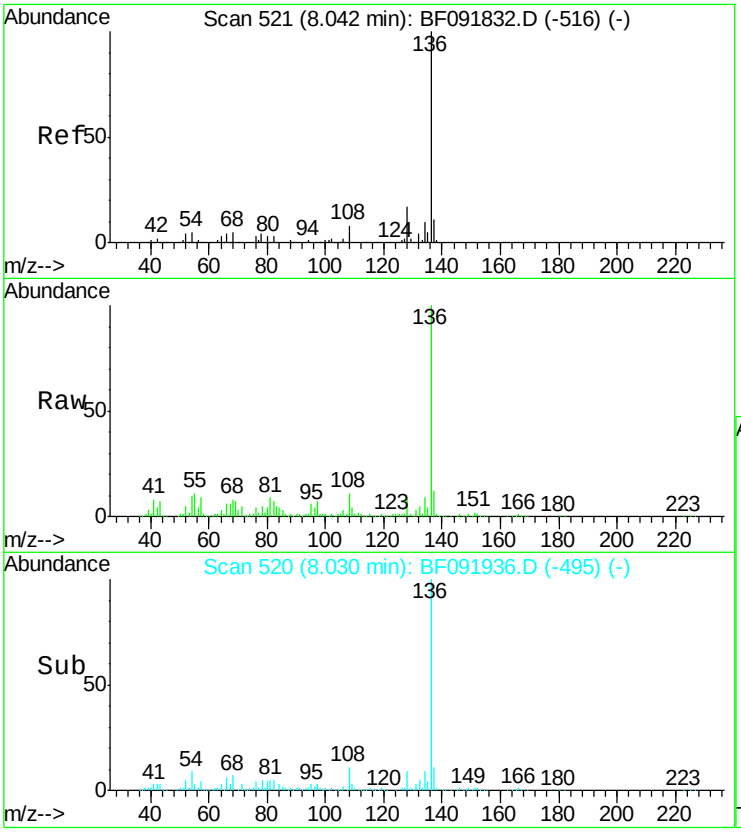




#20
3+4-Methylphenols
Concen: 49.69 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:107 Resp: 747223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 93.7 | 73.0 | 113.0 |
| 77 | 33.6 | 71.3 | 111.3# |
| 79 | 31.3 | 11.1 | 51.1 |



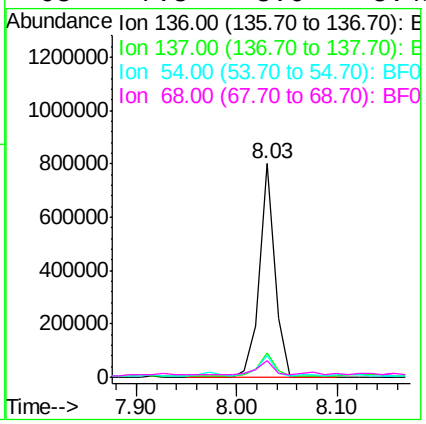


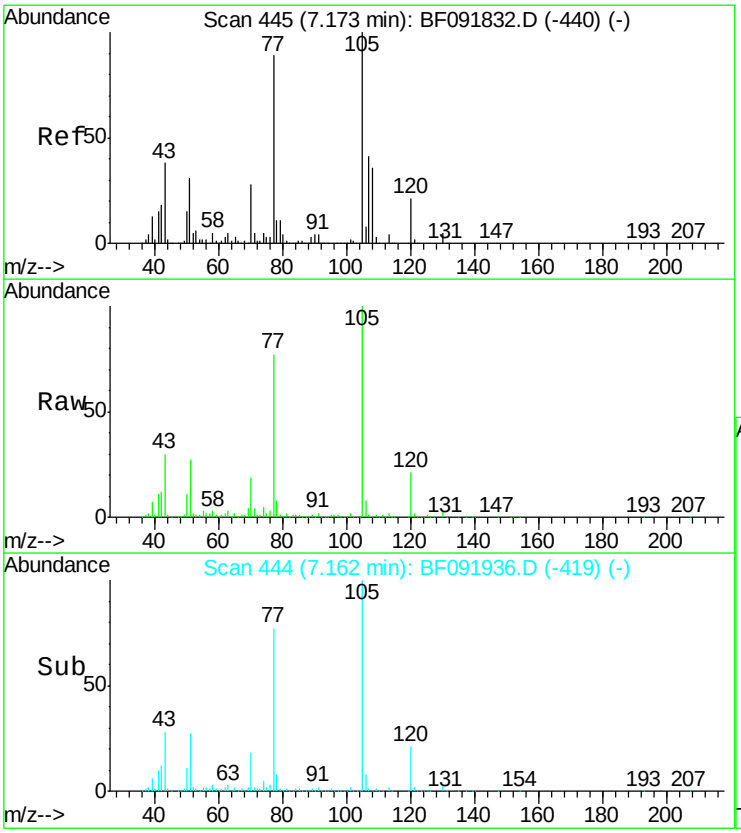

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:136 Resp: 851811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 8.4 | 12.6 |
| 54 | 10.0 | 4.5 | 6.7# |
| 68 | 7.8 | 3.6 | 5.4# |

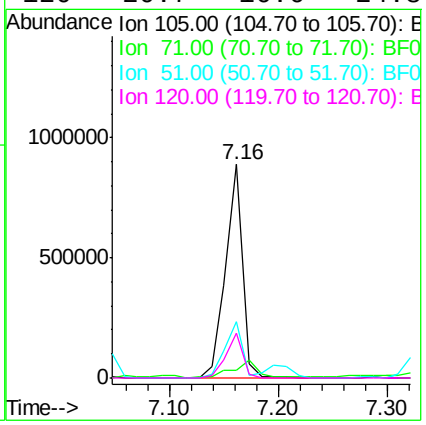


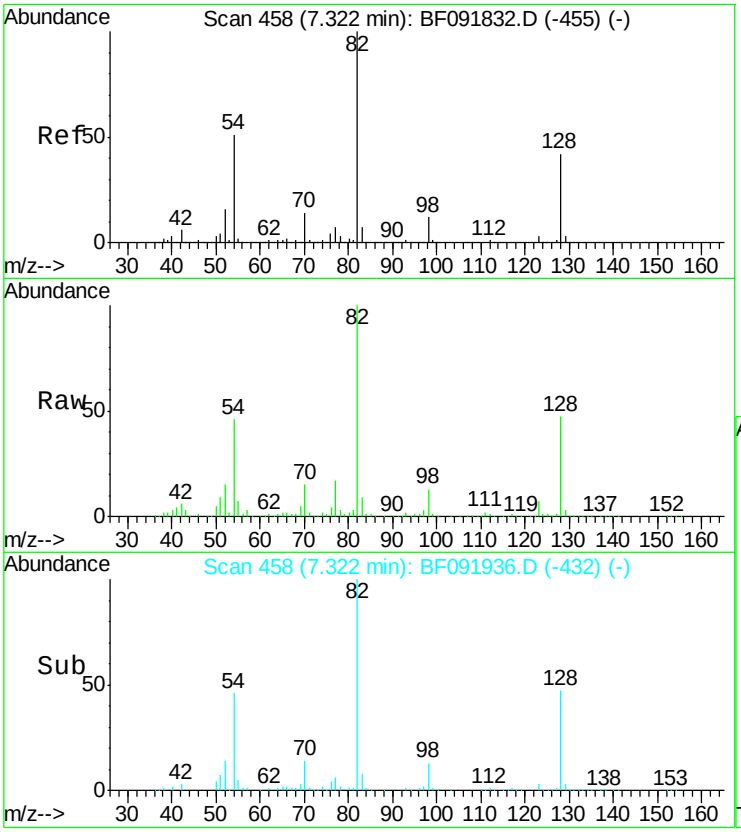




#22
Acetophenone
Concen: 45.47 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:105 Resp: 955246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.7 | 3.2 | 4.8 |
| 51 | 26.6 | 26.2 | 39.4 |
| 120 | 20.7 | 16.6 | 24.8 |



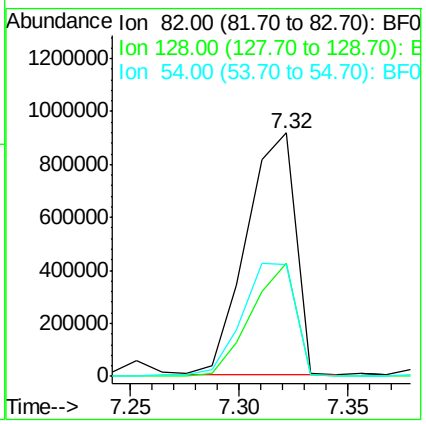


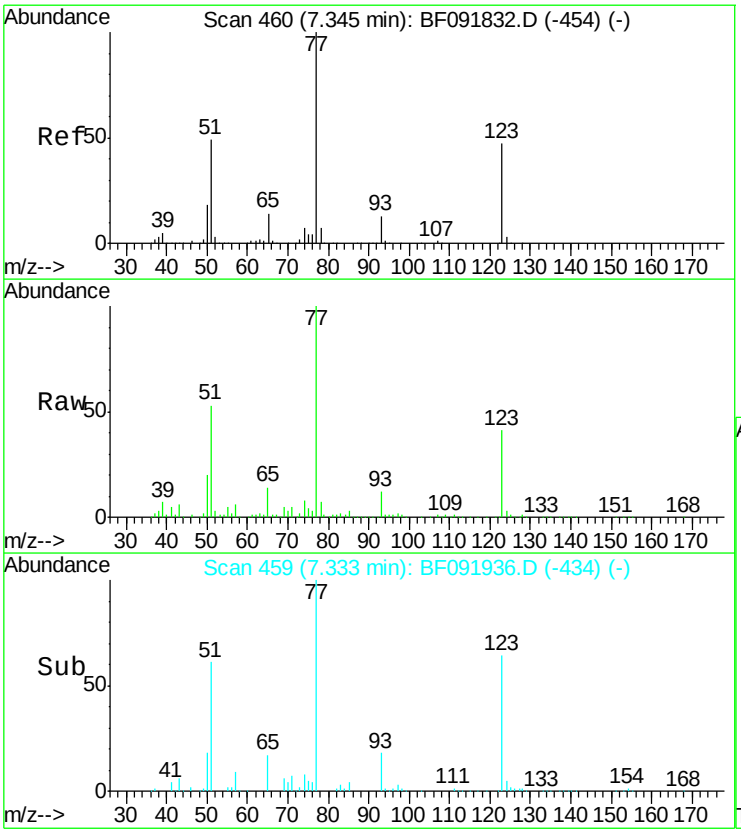

#23
Nitrobenzene-d5
Concen: 93.59 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 82 Resp: 1433692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.6 | 34.6 | 52.0 |
| 54 | 46.2 | 39.5 | 59.3 |

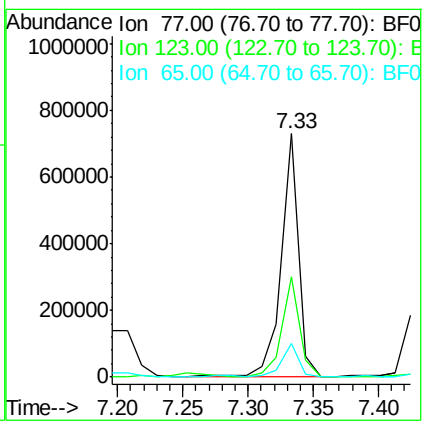


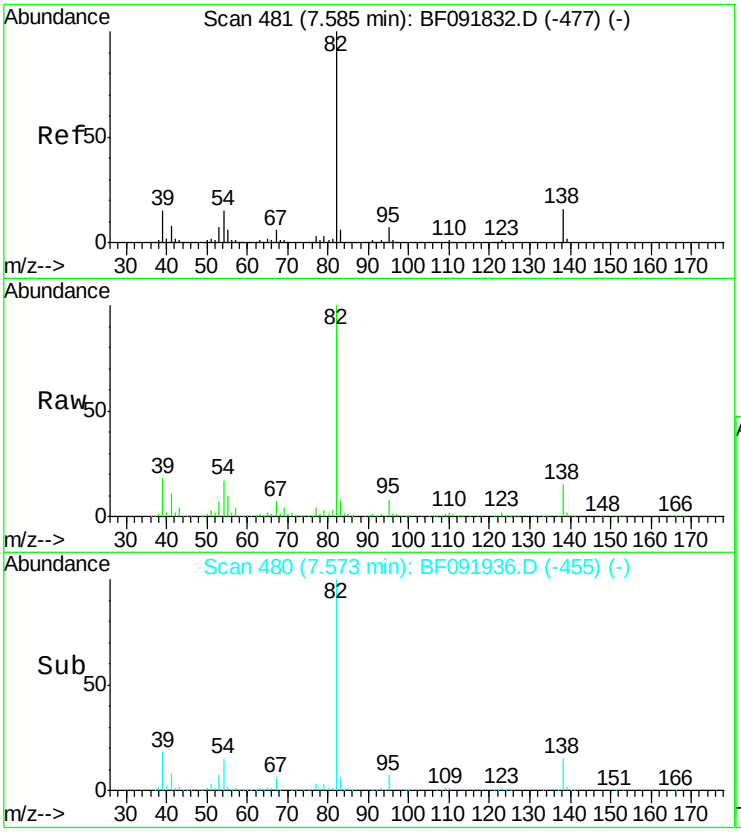




#24
Nitrobenzene
Concen: 41.27 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 77 Resp: 673393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.2 | 33.0 | 49.4 |
| 65 | 14.0 | 11.2 | 16.8 |



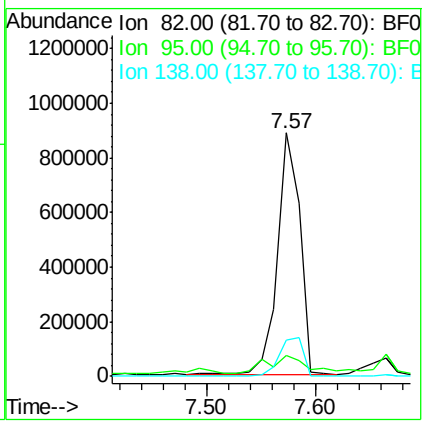


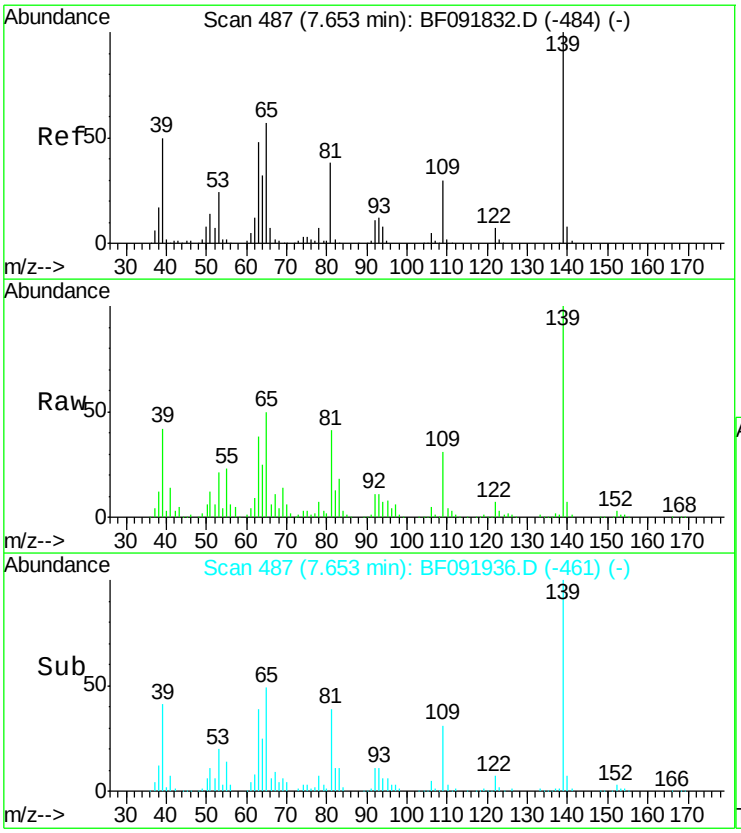

#25
Isophorone
Concen: 44.94 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 82 Resp: 1270038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.5 | 5.6 | 8.4# |
| 138 | 14.8 | 14.6 | 22.0 |

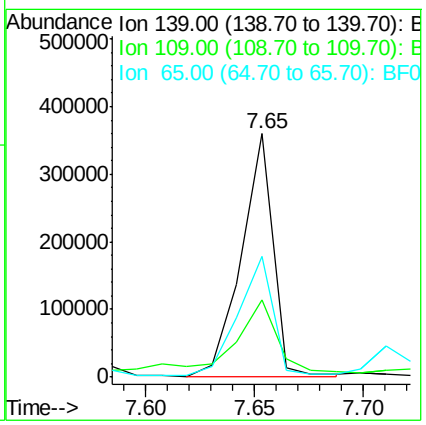


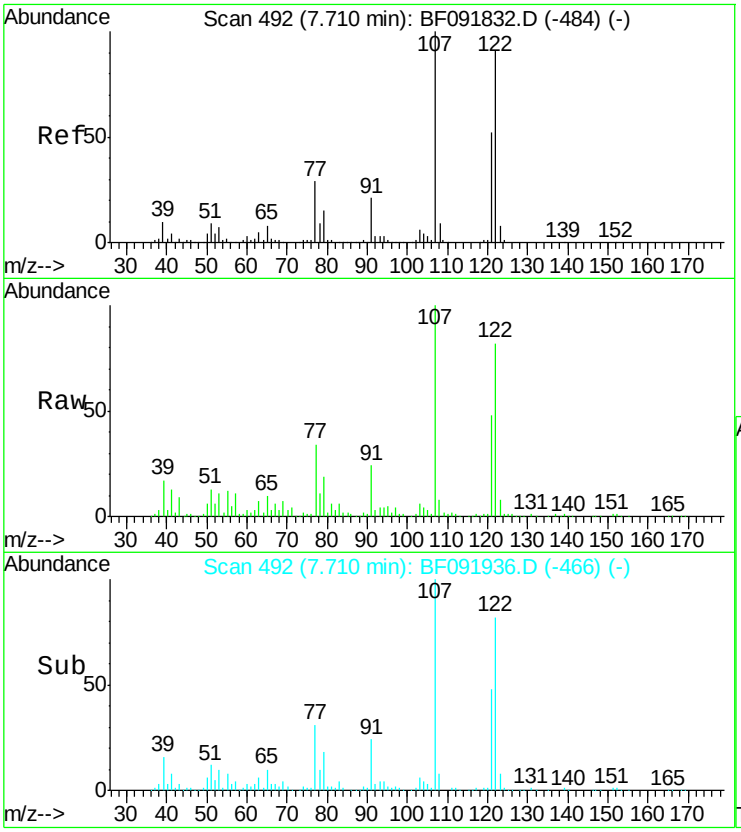




#26
2-Nitrophenol
Concen: 45.05 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:139 Resp: 362486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.5 | 23.3 | 34.9 |
| 65 | 49.6 | 42.7 | 64.1 |



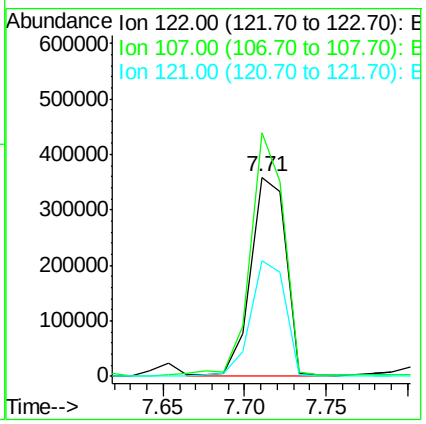


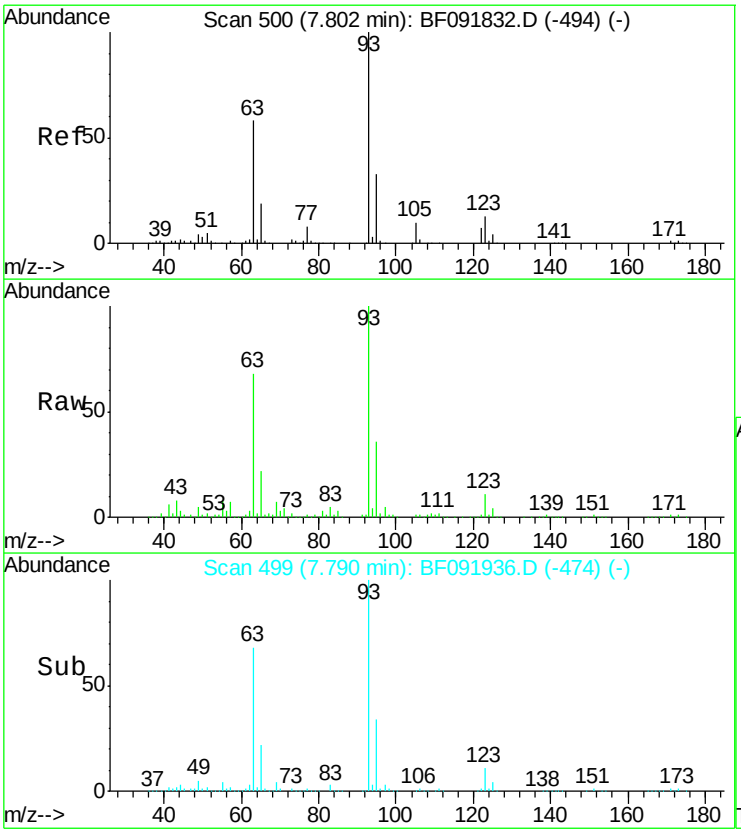

#27
2,4-Dimethylphenol
Concen: 40.11 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:122 Resp: 535259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 122.3 | 94.1 | 141.1 |
| 121 | 58.4 | 46.0 | 69.0 |

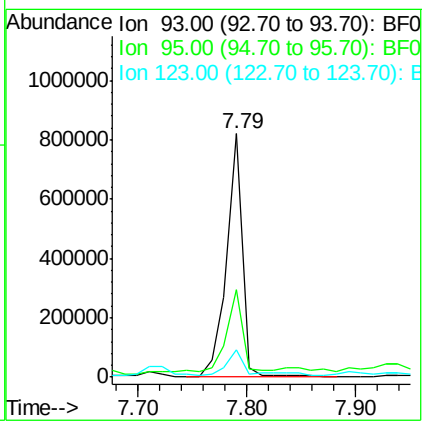


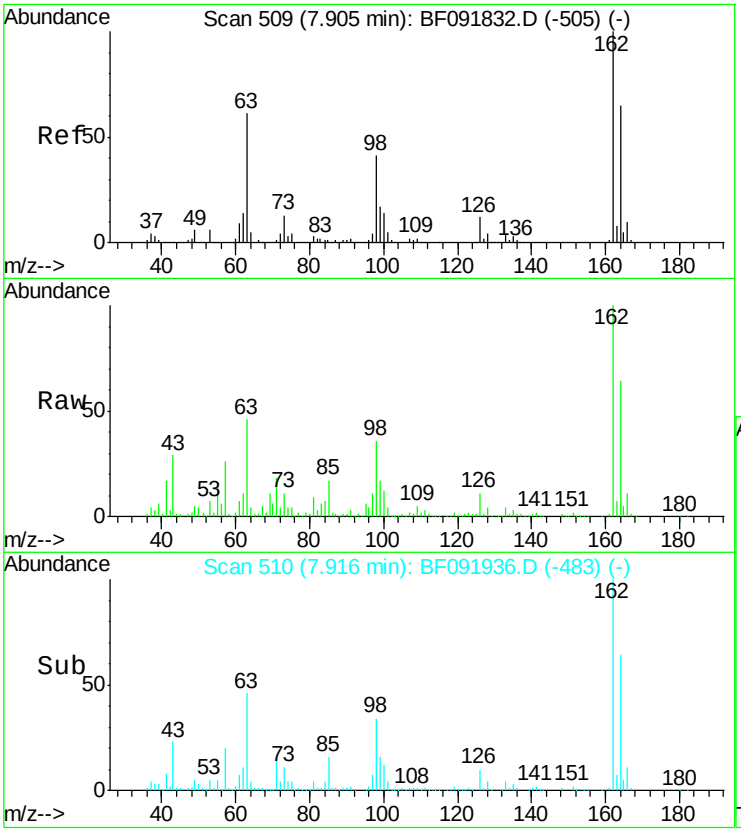




#28
bis(2-Chloroethoxy)methane
Concen: 47.36 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 93 Resp: 811716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 35.7 | 26.5 | 39.7 |
| 123 | 11.4 | 8.6 | 13.0 |



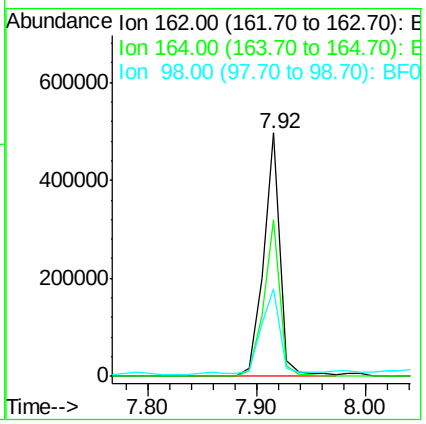


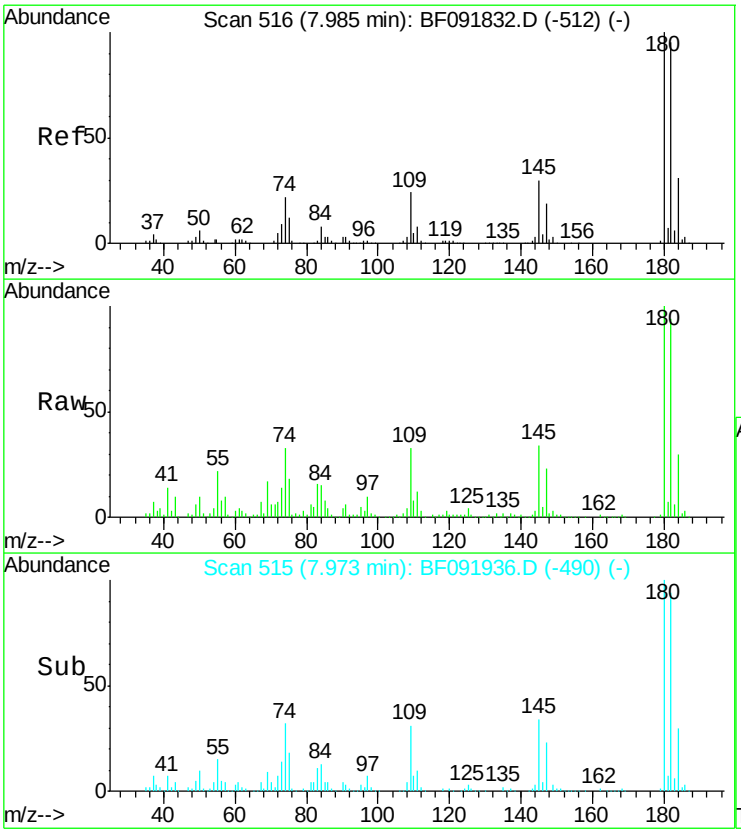

#29
2,4-Dichlorophenol
Concen: 46.86 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:162 Resp: 529517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 46.8 | 86.8 |
| 98 | 36.0 | 9.1 | 49.1 |

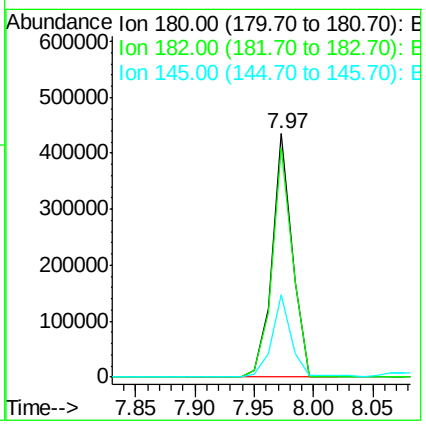


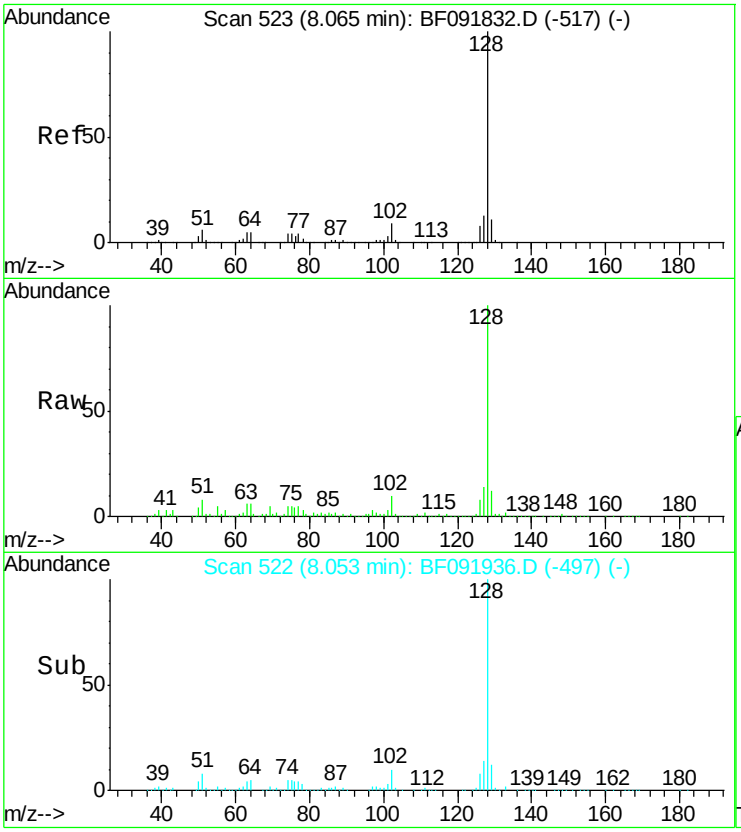




#30
1,2,4-Trichlorobenzene
Concen: 41.28 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:180 Resp: 511138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 78.2 | 117.4 |
| 145 | 33.8 | 21.6 | 32.4# |



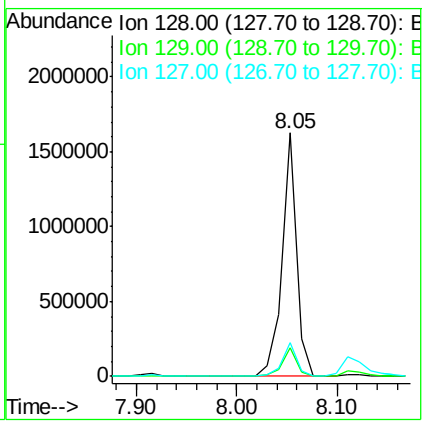


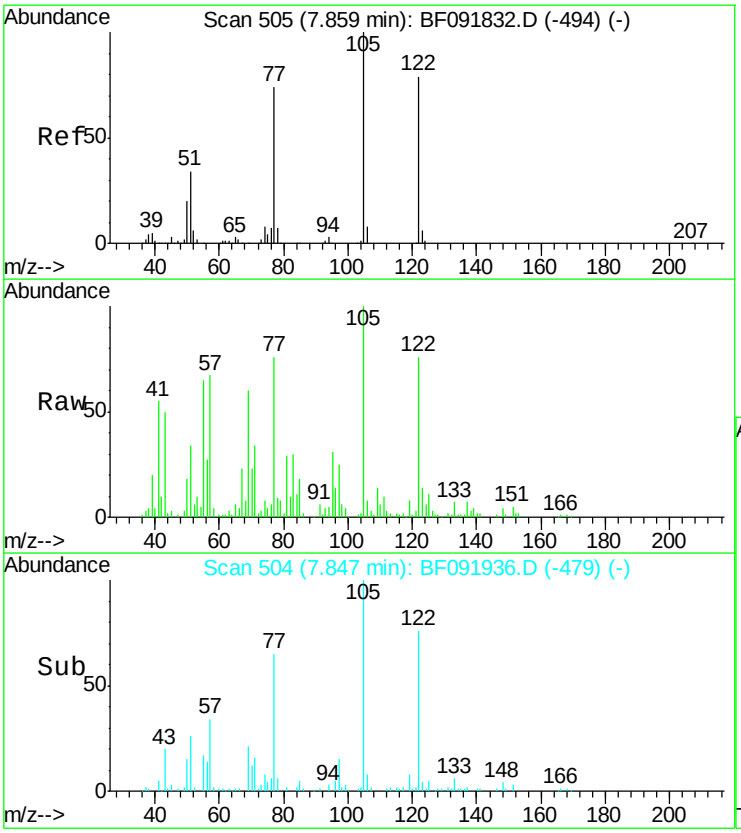

#31
Naphthalene
Concen: 41.81 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:128 Resp: 1630077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 9.5 | 14.3 |
| 127 | 13.6 | 10.8 | 16.2 |

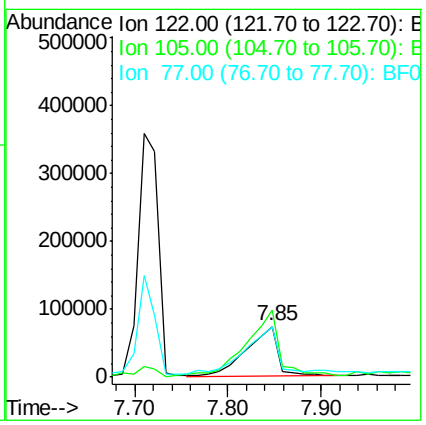


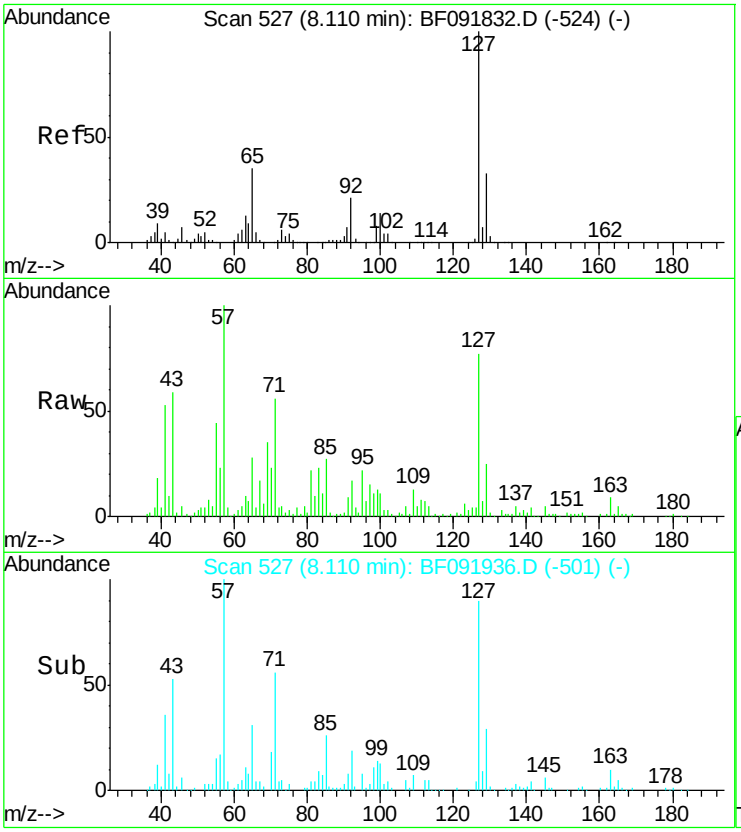




#32
Benzoic acid
Concen: 17.64 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:122 Resp: 174613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 131.3 | 107.2 | 147.2 |
| 77 | 100.2 | 74.5 | 114.5 |



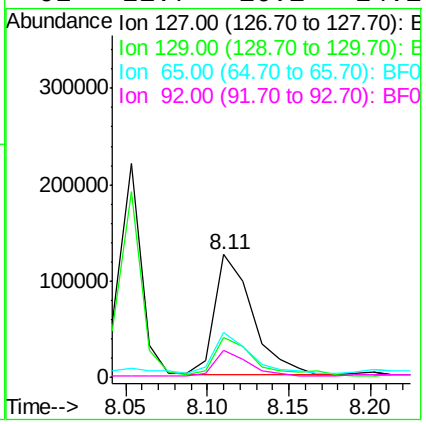


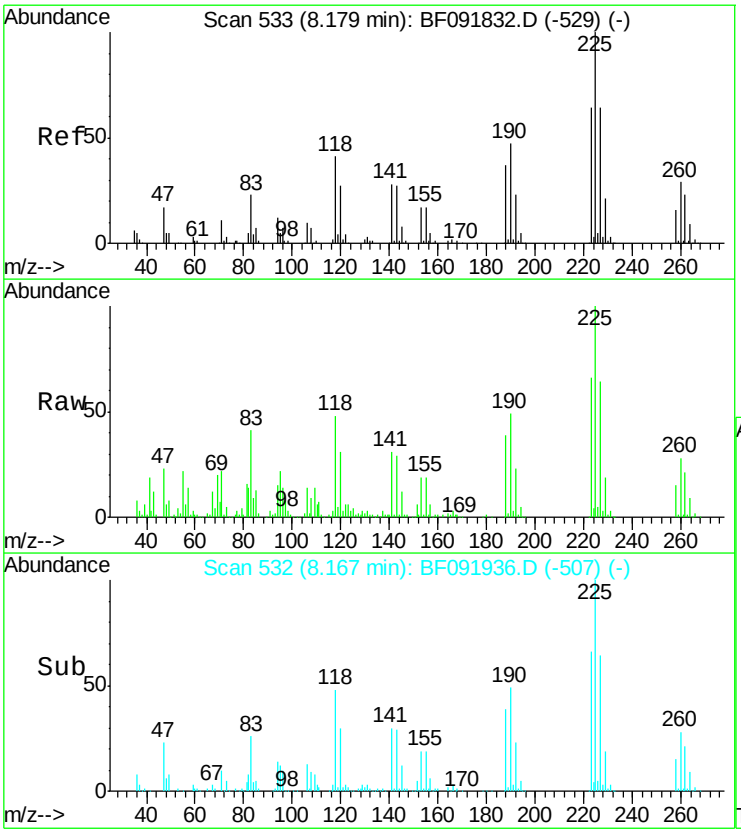

#33
4-Chloroaniline
Concen: 11.35 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:127 Resp: 199579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.3 | 39.5 |
| 65 | 37.0 | 25.8 | 38.8 |
| 92 | 21.7 | 16.1 | 24.1 |

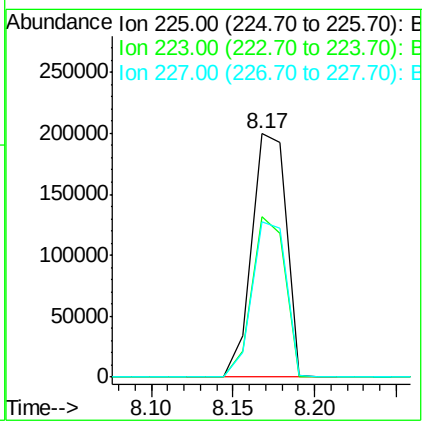


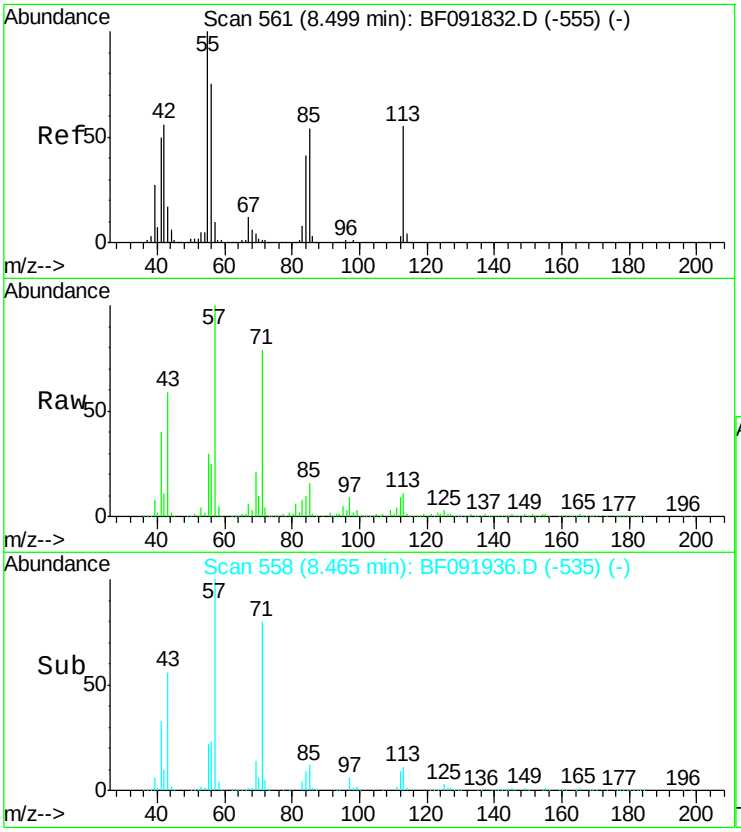




#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:225 Resp: 292987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.6 | 51.0 | 76.6 |
| 227 | 64.0 | 50.6 | 76.0 |



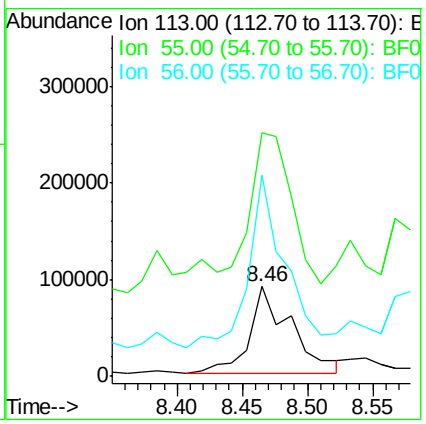


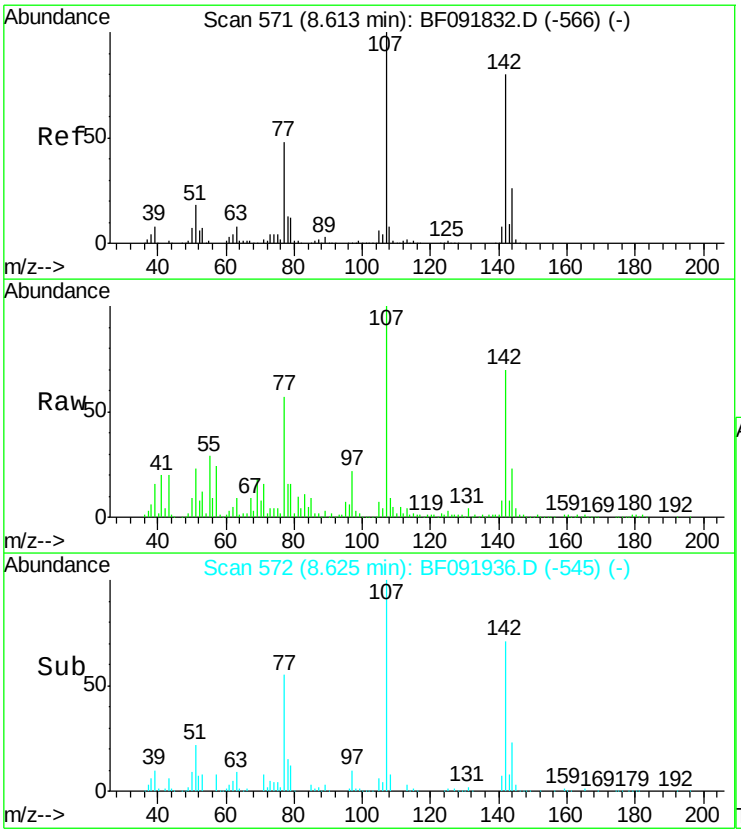

#35
Caprolactam
Concen: 54.10 ng
RT: 8.46 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:113 Resp: 200901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 270.7 | 119.2 | 159.2# |
| 56 | 224.6 | 83.8 | 123.8# |

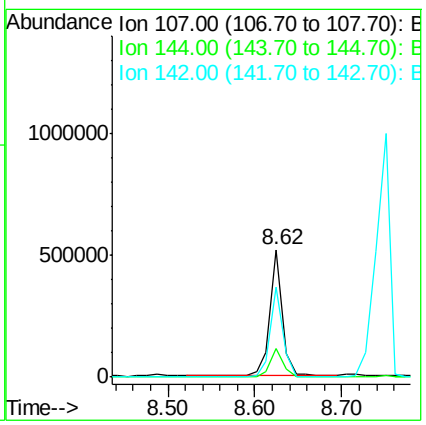


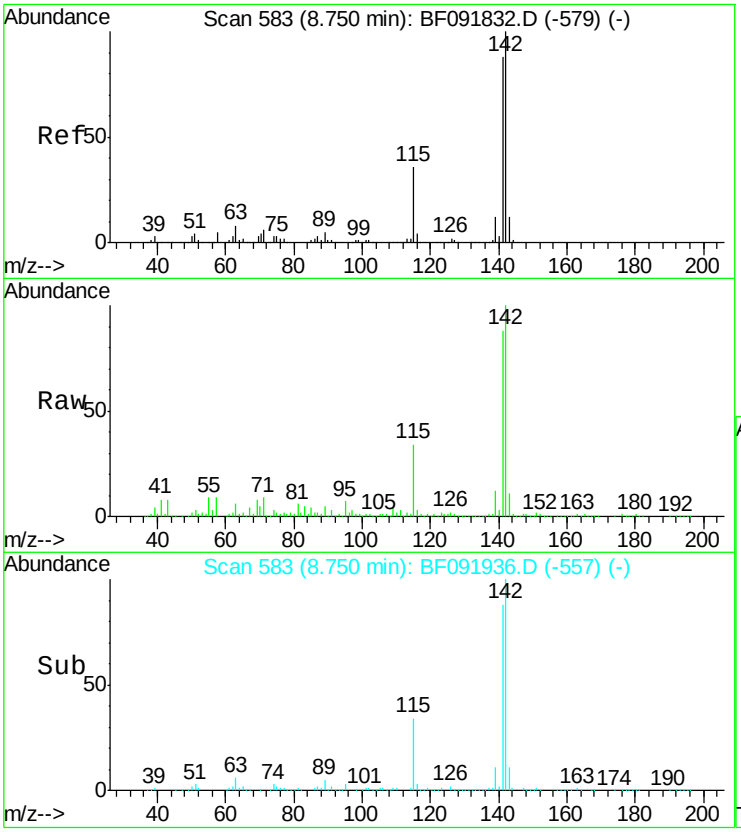




#36
4-Chloro-3-methylphenol
Concen: 39.74 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:107 Resp: 516801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.7 | 19.3 | 28.9 |
| 142 | 70.4 | 59.0 | 88.6 |



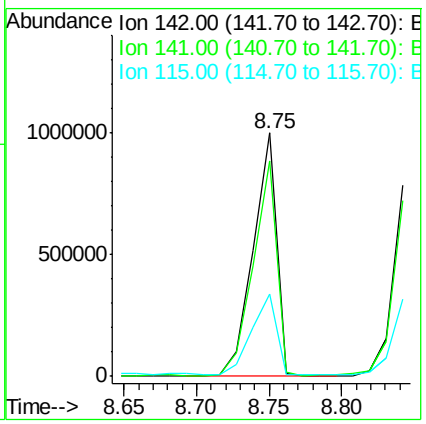


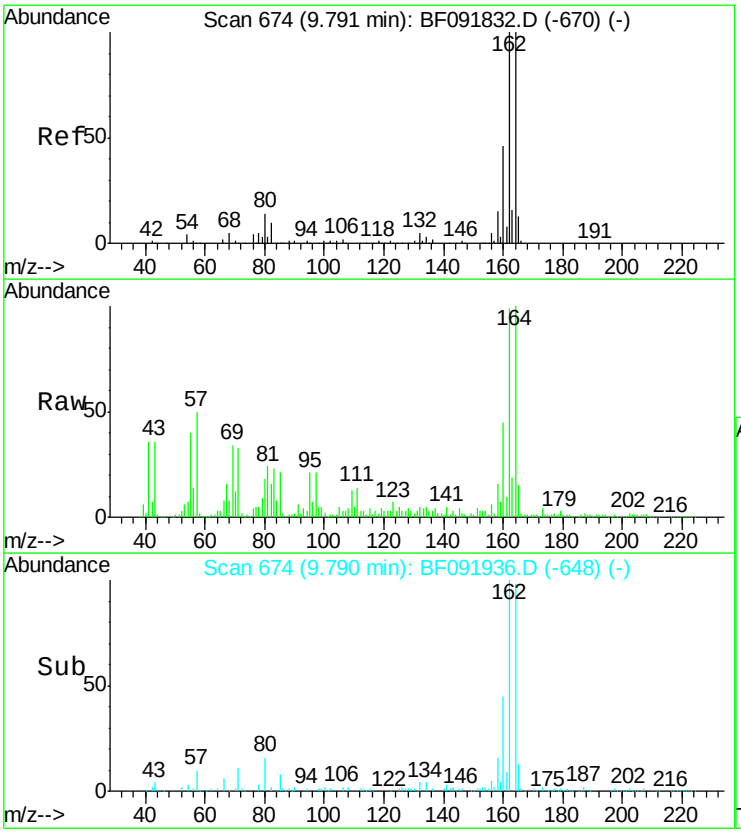

#37
2-Methylnaphthalene
Concen: 49.22 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:142 Resp: 1123598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 71.0 | 106.6 |
| 115 | 33.8 | 28.3 | 42.5 |

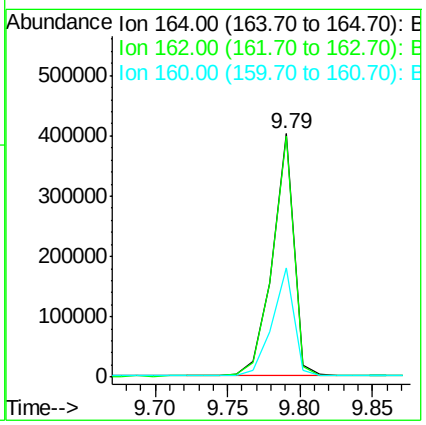


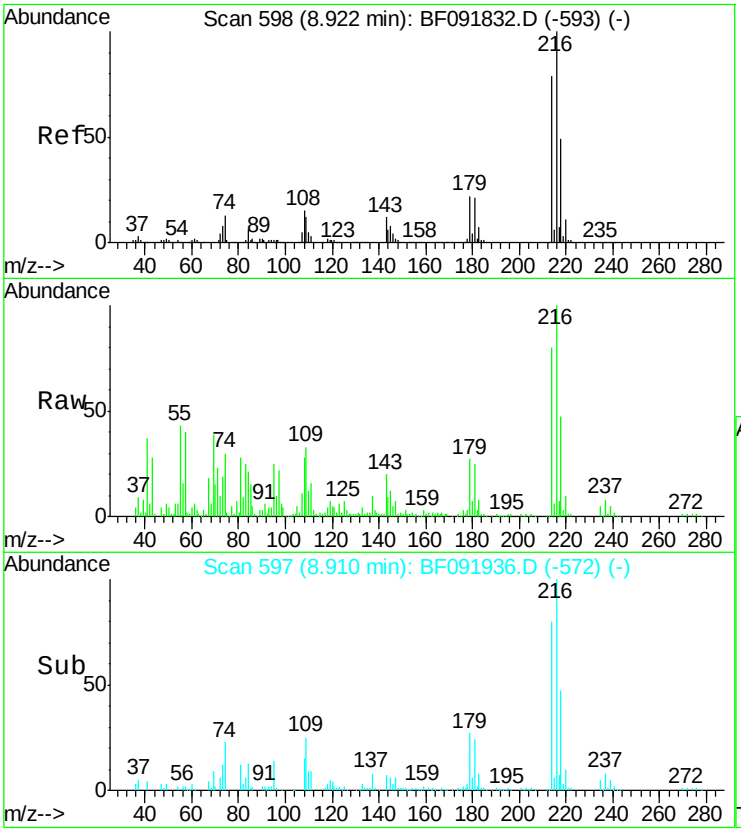




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:164 Resp: 407851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.9 | 80.2 | 120.2 |
| 160 | 44.8 | 36.9 | 55.3 |



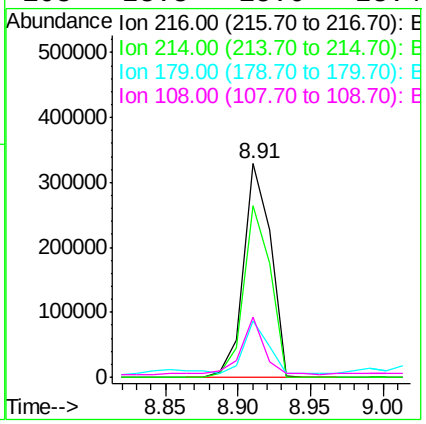


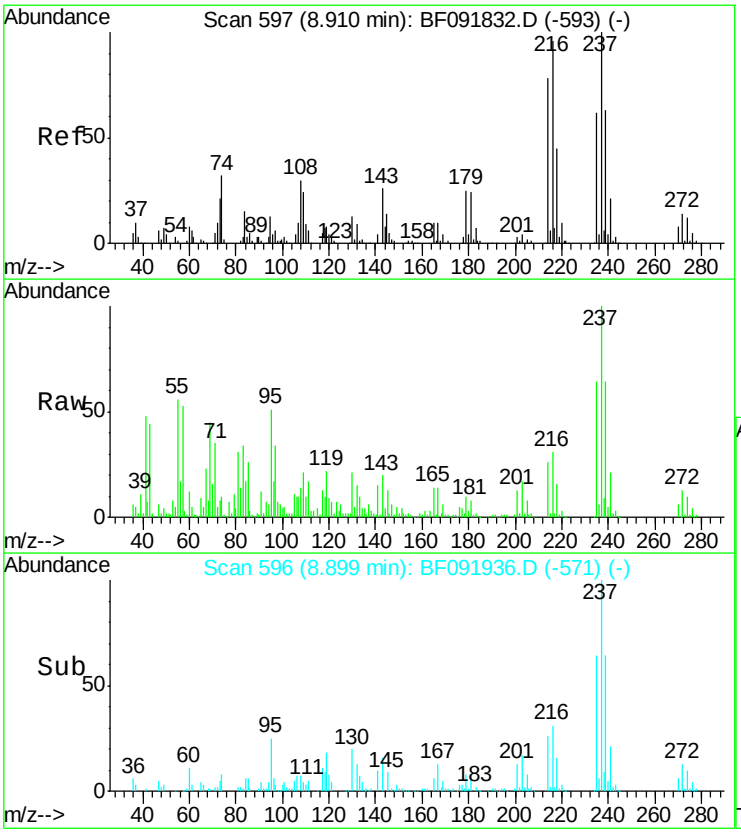

#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.43 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:216 Resp: 426897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 63.4 | 95.0 |
| 179 | 22.7 | 17.4 | 26.2 |
| 108 | 23.3 | 15.6 | 23.4 |

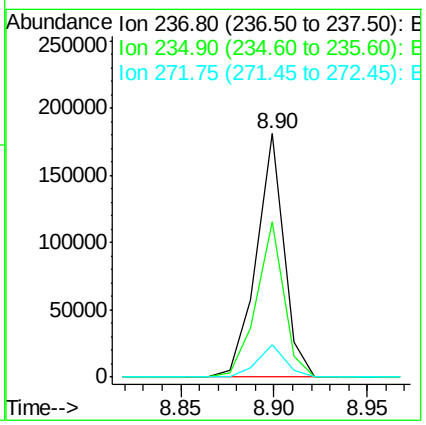


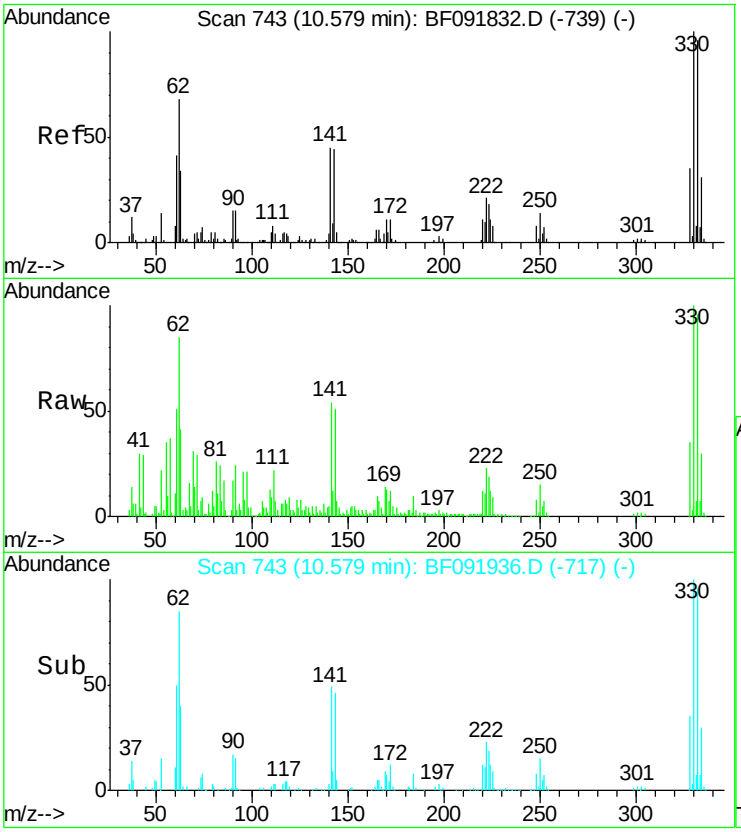




#40
Hexachlorocyclopentadiene
Concen: 42.44 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:237 Resp: 185738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 41.2 | 81.2 |
| 272 | 13.1 | 0.0 | 35.4 |



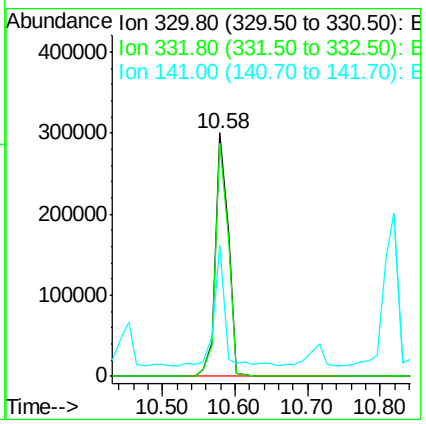


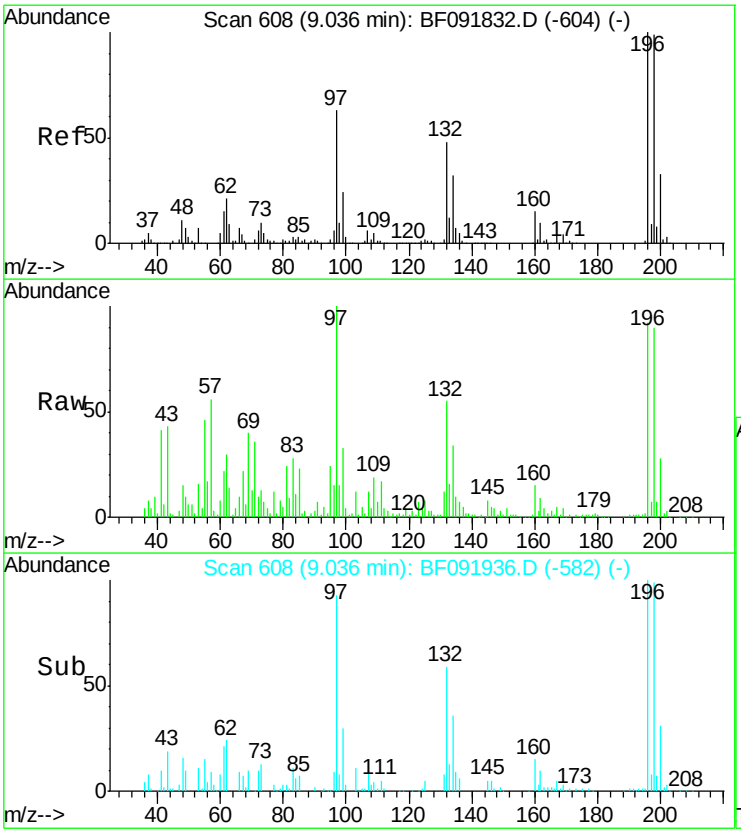

#41
2,4,6-Tribromophenol
Concen: 109.33 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:330 Resp: 369002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 77.4 | 116.2 |
| 141 | 41.8 | 34.1 | 51.1 |

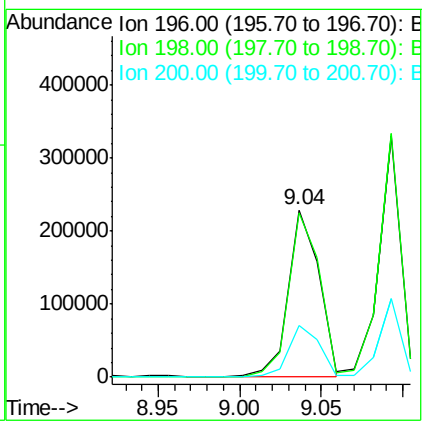


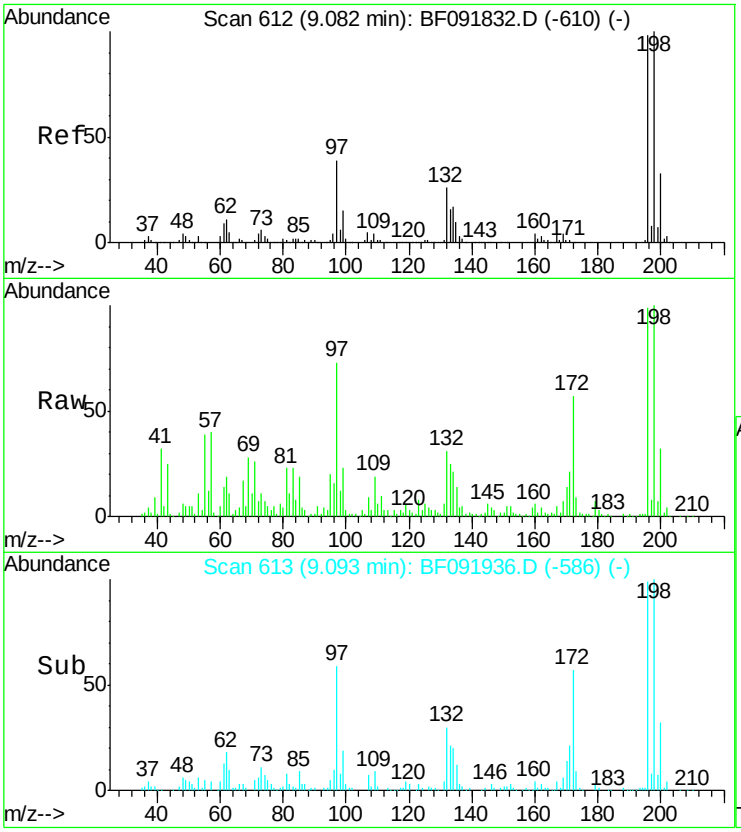




#42
2,4,6-Trichlorophenol
Concen: 41.40 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:196 Resp: 298338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 82.1 | 123.1 |
| 200 | 31.0 | 27.0 | 40.4 |



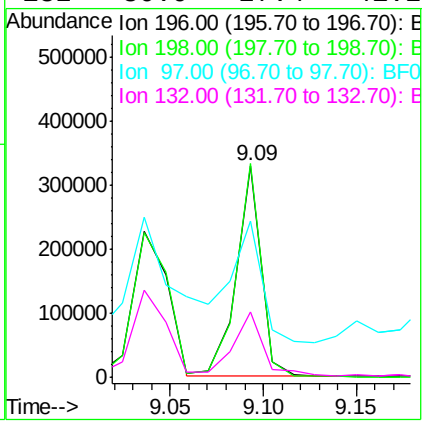


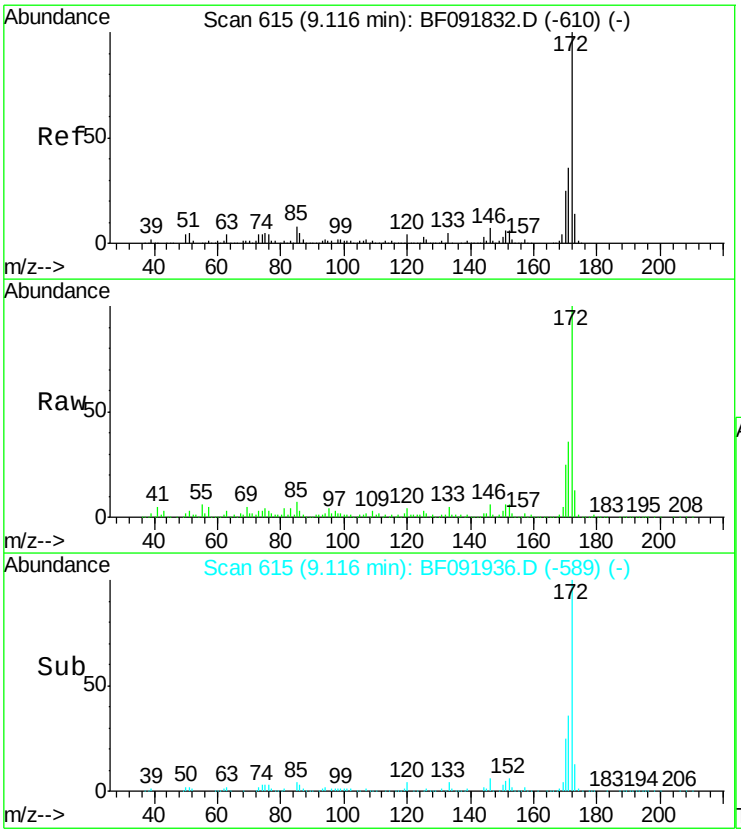

#43
2,4,5-Trichlorophenol
Concen: 41.39 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:196 Resp: 306961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.1 | 79.4 | 119.2 |
| 97 | 74.1 | 51.5 | 77.3 |
| 132 | 30.9 | 27.4 | 41.2 |

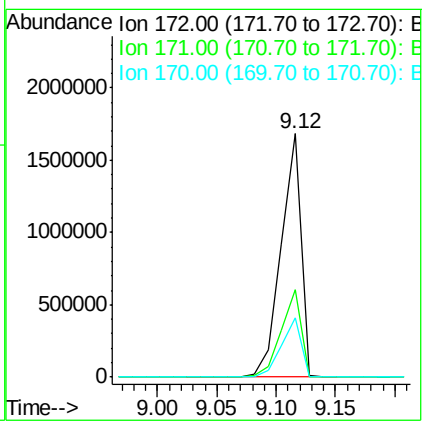


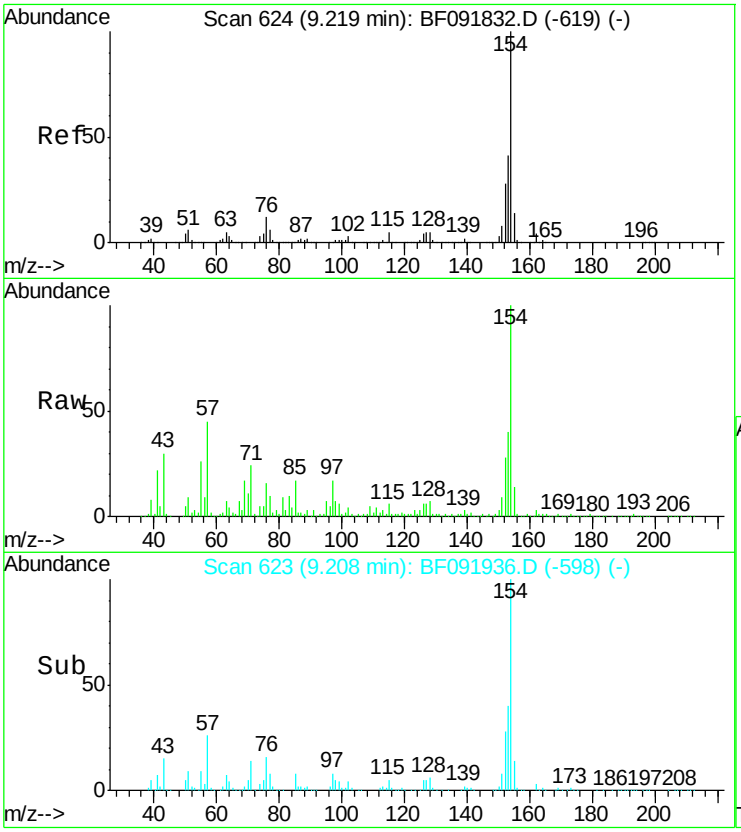




#44
2-Fluorobiphenyl
Concen: 99.49 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:172 Resp: 1936640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.4 | 44.0 |
| 170 | 24.6 | 20.2 | 30.4 |



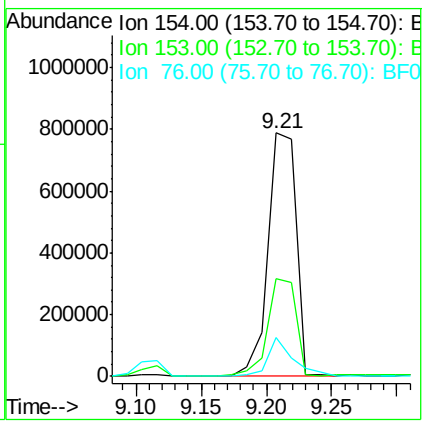


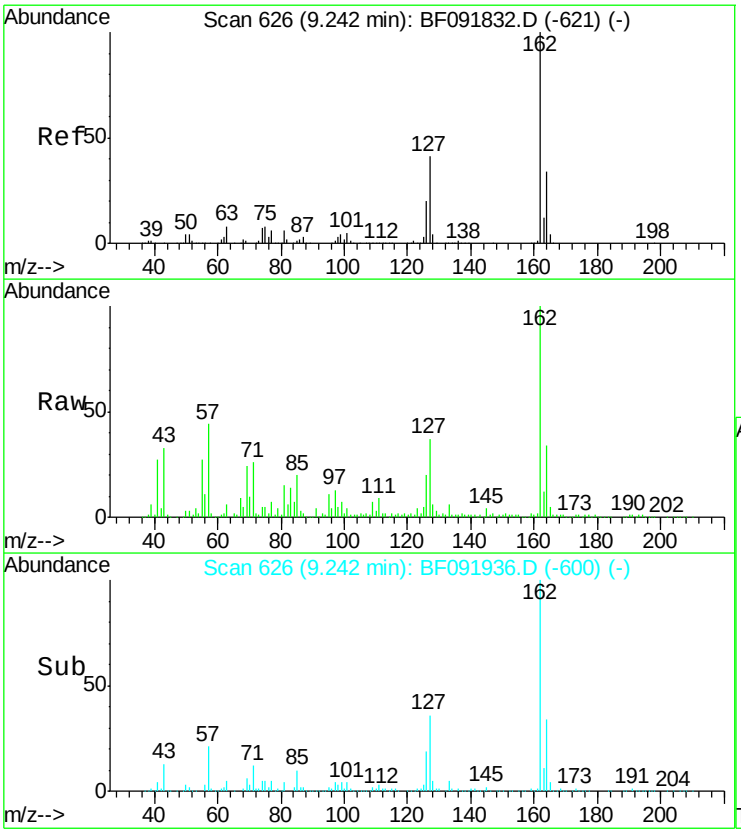

#45
1,1'-Biphenyl
Concen: 42.41 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:154 Resp: 1184200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.9 | 60.9 |
| 76 | 15.7 | 0.0 | 30.5 |

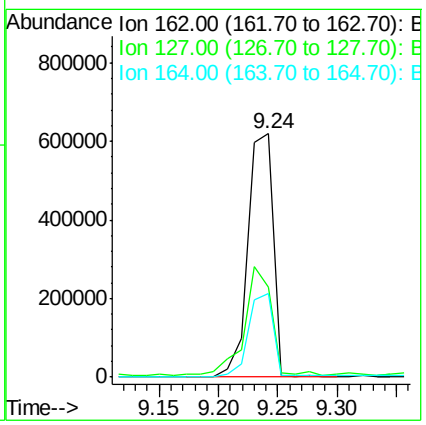


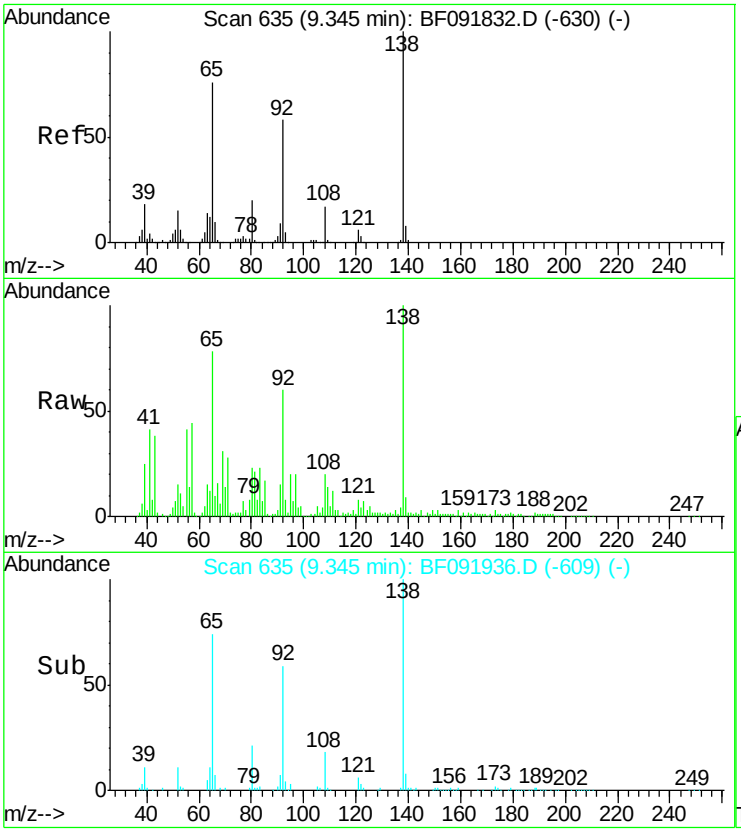




#46
2-Chloronaphthalene
Concen: 41.62 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:162 Resp: 920431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.0 | 30.7 | 46.1 |
| 164 | 34.2 | 27.6 | 41.4 |



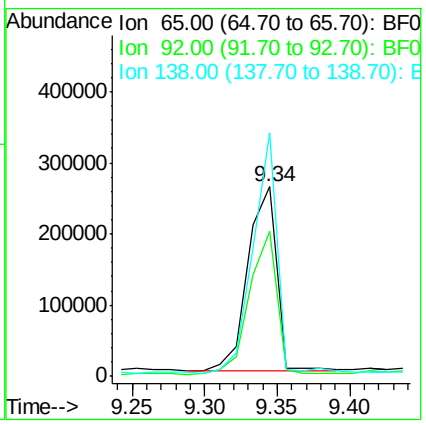


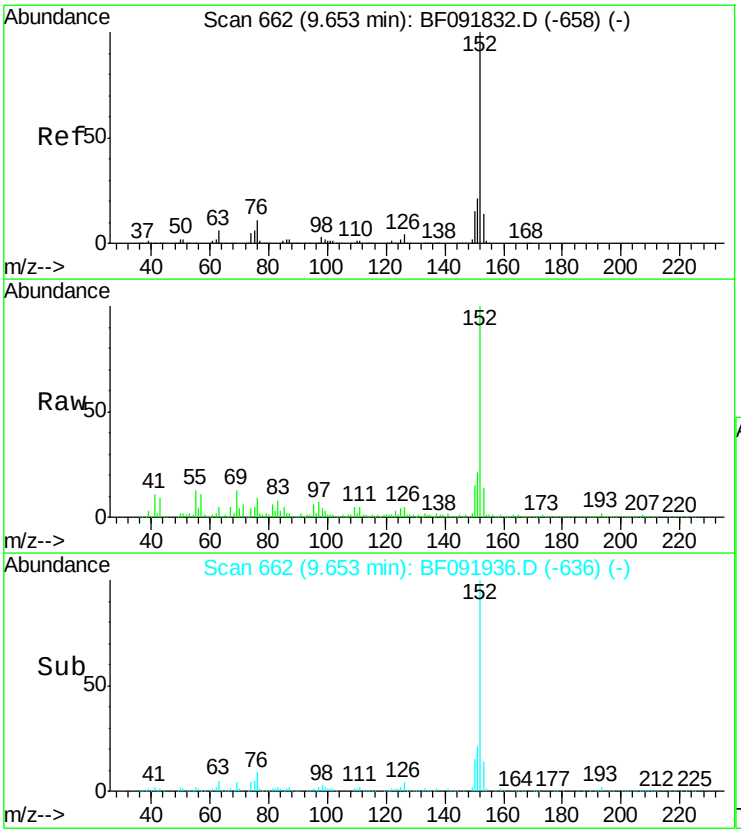

#47
2-Nitroaniline
Concen: 44.81 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion: 65 Resp: 352859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.6 | 53.9 | 80.9 |
| 138 | 128.4 | 76.8 | 115.2# |

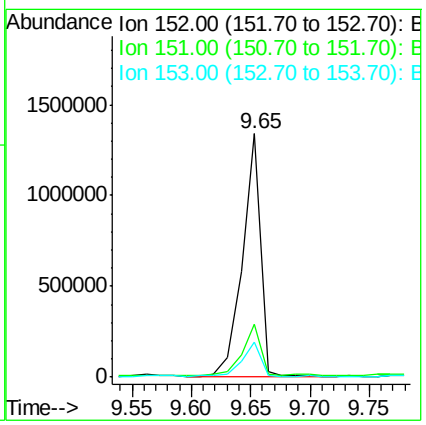


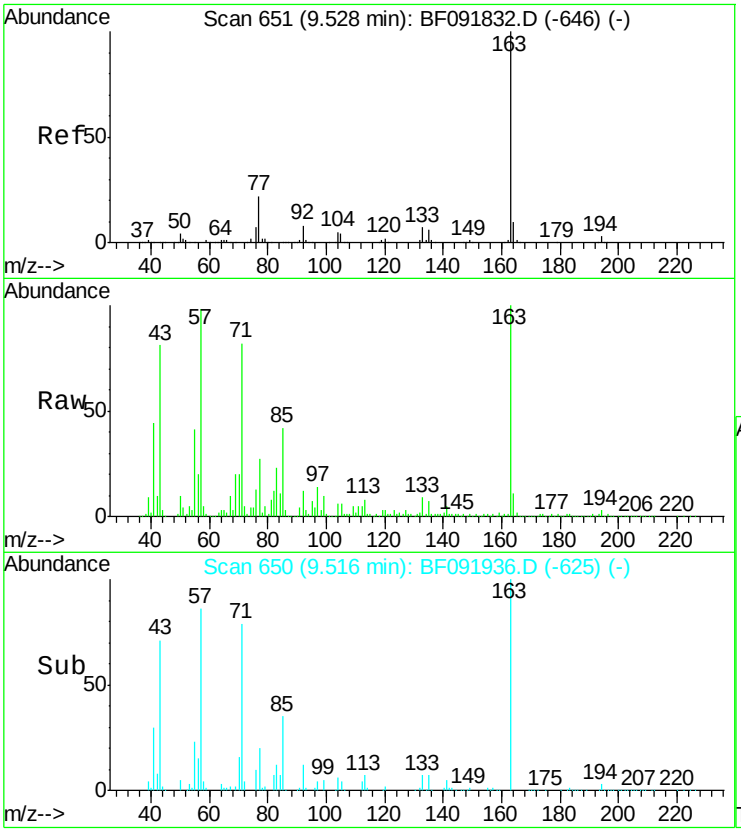




#48
Acenaphthylene
Concen: 41.85 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:152 Resp: 1423341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.5 | 16.9 | 25.3 |
| 153 | 14.4 | 11.4 | 17.2 |



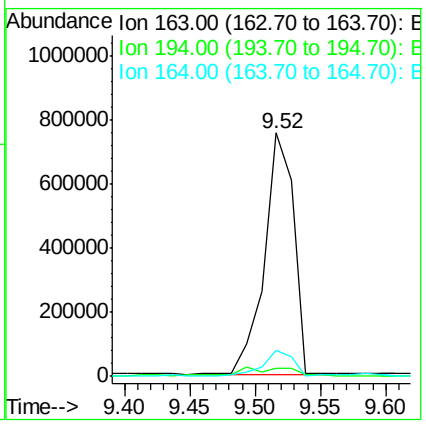


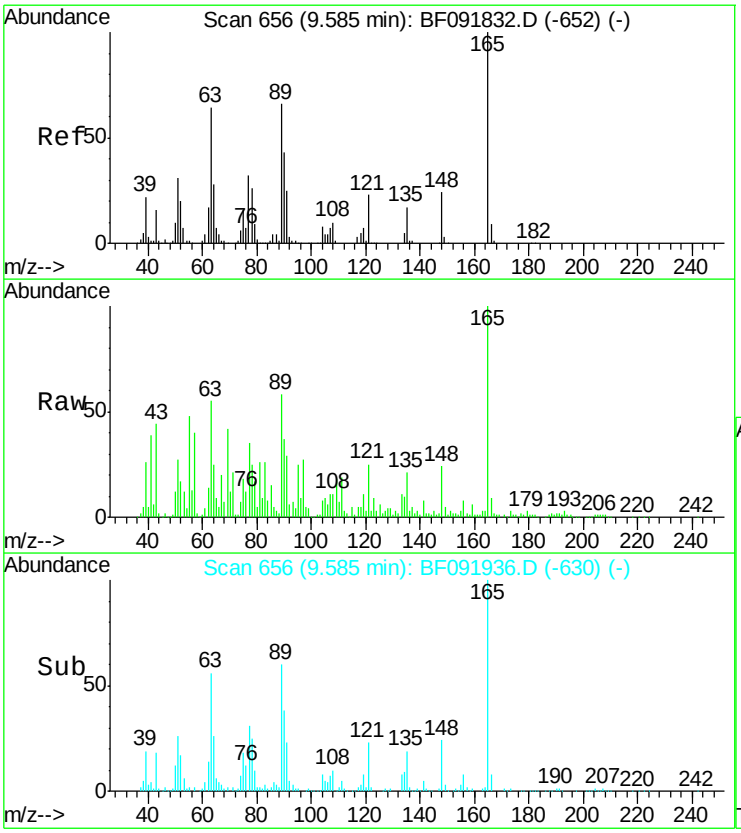

#49
Dimethylphthalate
Concen: 45.21 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:163 Resp: 1179224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 3.0 | 4.4 |
| 164 | 10.8 | 8.0 | 12.0 |

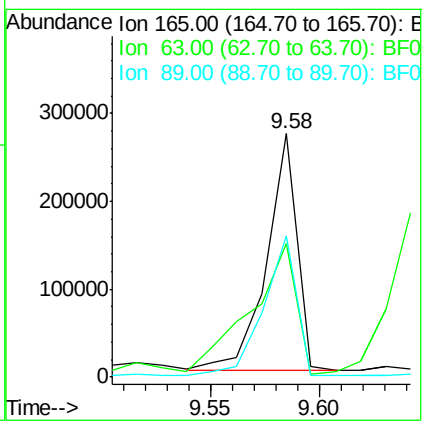


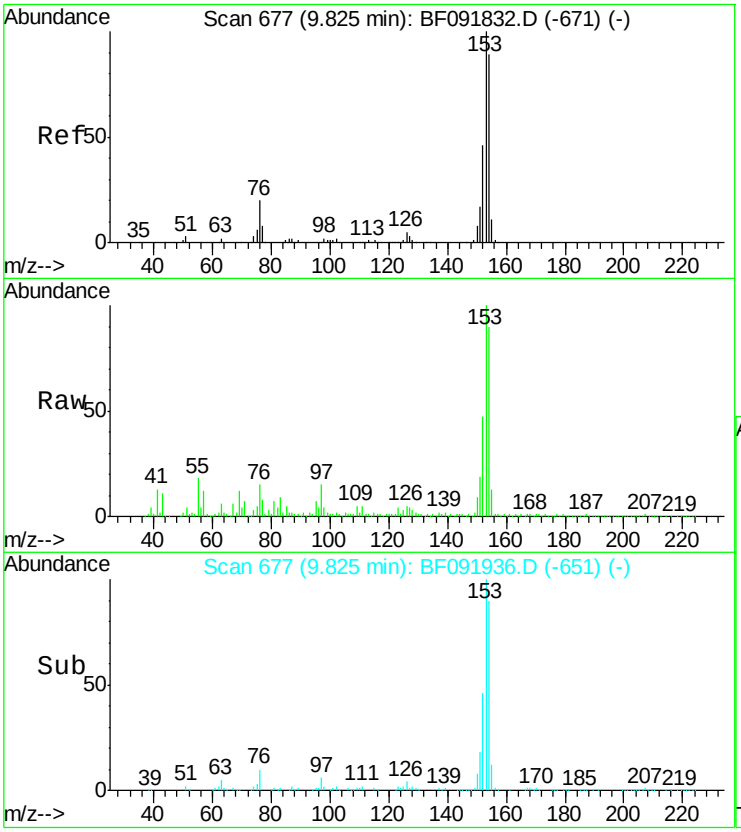




#50
2,6-Dinitrotoluene
Concen: 46.04 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:165 Resp: 262885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 54.7 | 36.2 | 54.4# |
| 89 | 58.1 | 40.2 | 60.4 |



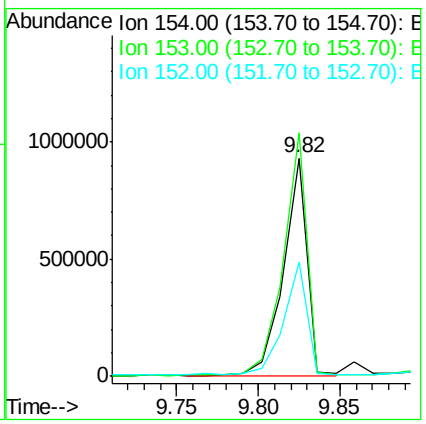


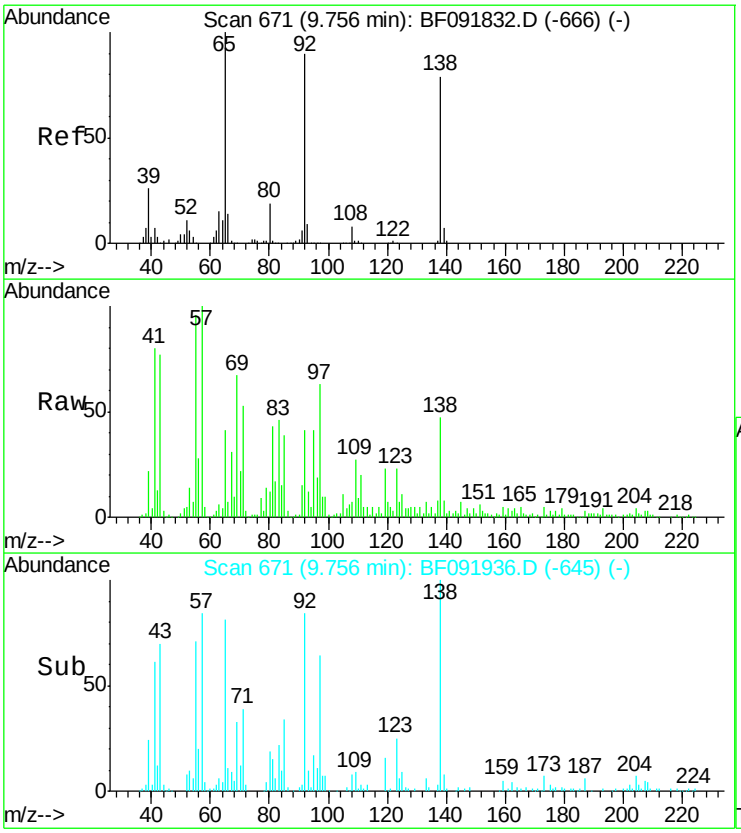

#51
Acenaphthene
Concen: 40.44 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:154 Resp: 932401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.4 | 88.6 | 133.0 |
| 152 | 52.0 | 41.6 | 62.4 |

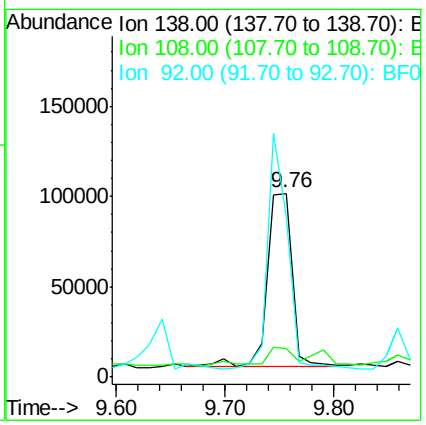


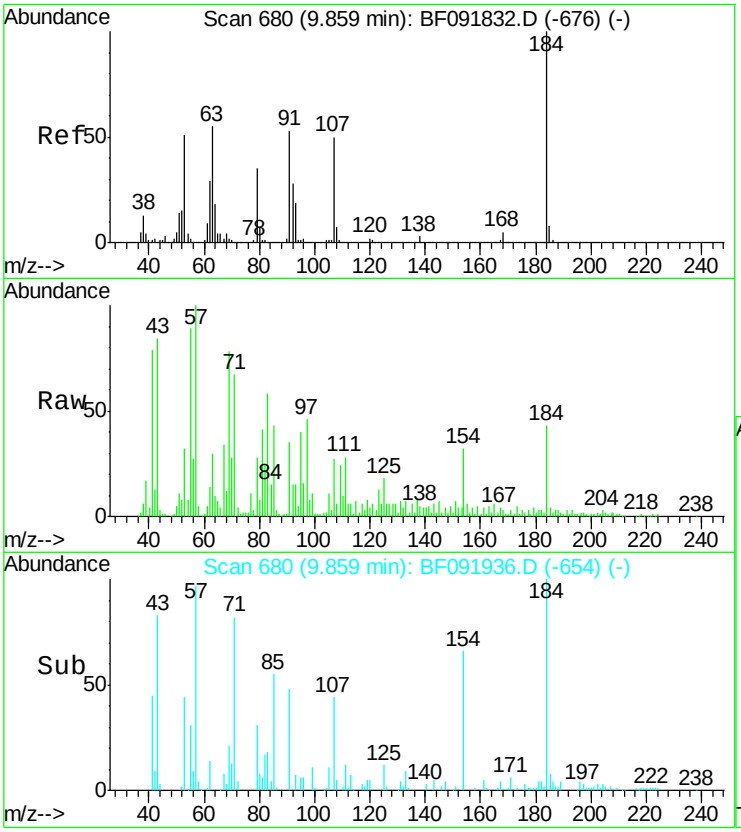




#52
3-Nitroaniline
Concen: 21.38 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:138 Resp: 151100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 15.3 | 8.5 | 12.7# |
| 92 | 87.2 | 97.8 | 146.8# |



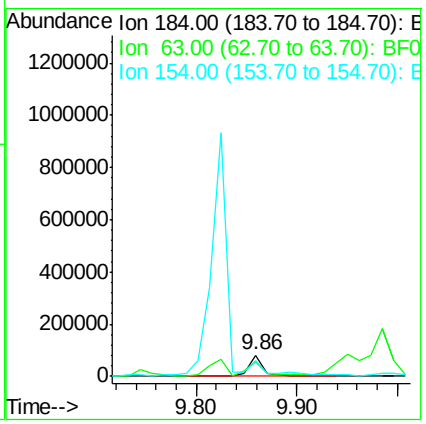


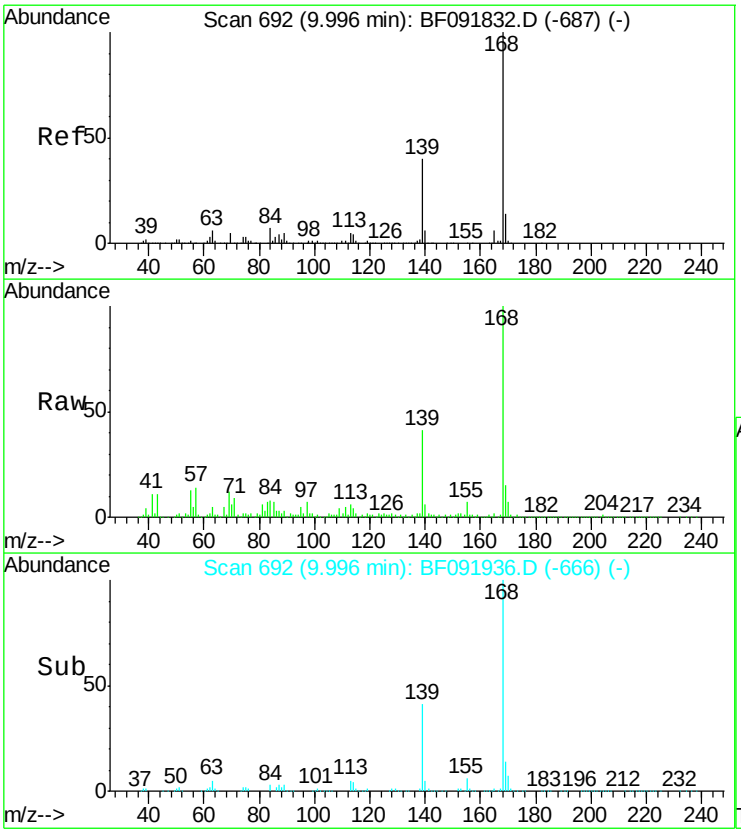

#53
2,4-Dinitrophenol
Concen: 25.63 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:184 Resp: 81432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.8 | 28.4 | 42.6# |
| 154 | 74.5 | 44.3 | 66.5# |

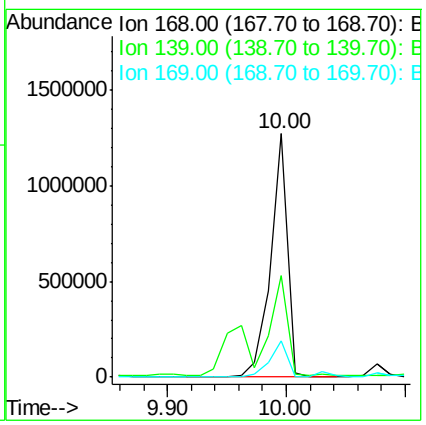


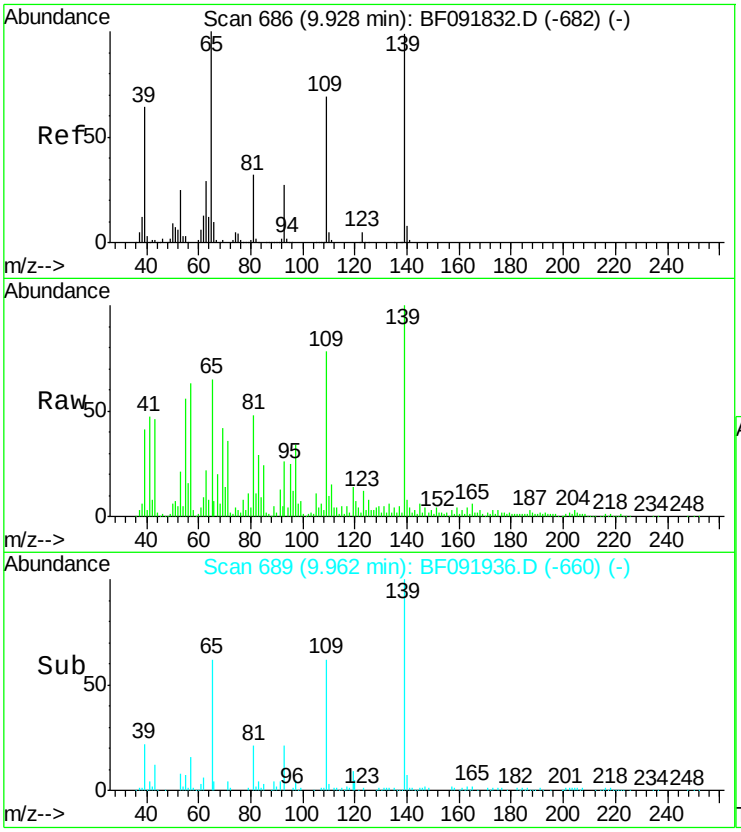




#54
Dibenzofuran
Concen: 40.29 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:168 Resp: 1254716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.4 | 32.6 | 49.0 |
| 169 | 14.8 | 11.3 | 16.9 |



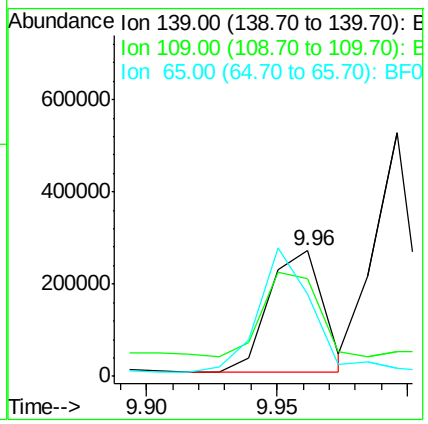


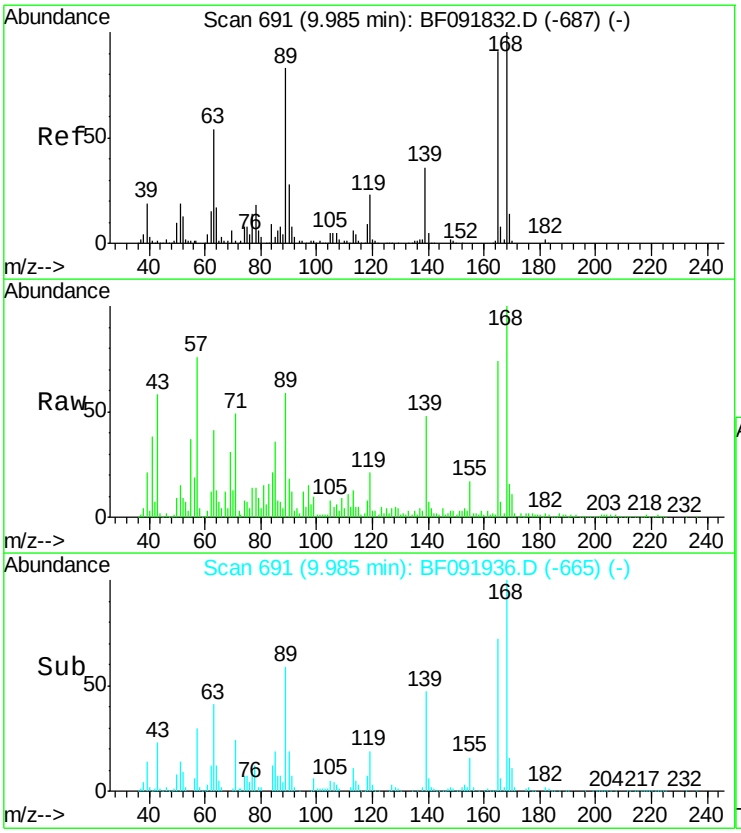

#55
4-Nitrophenol
Concen: 79.76 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:139 Resp: 382628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.0 | 52.2 | 92.2 |
| 65 | 65.3 | 85.8 | 125.8# |

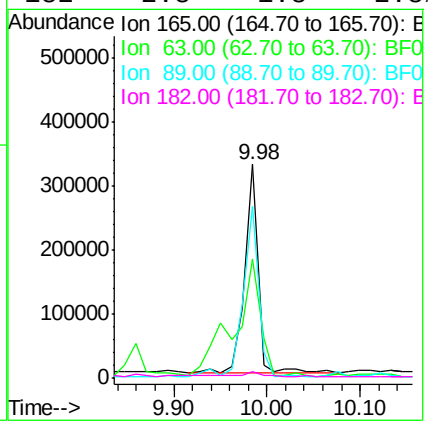


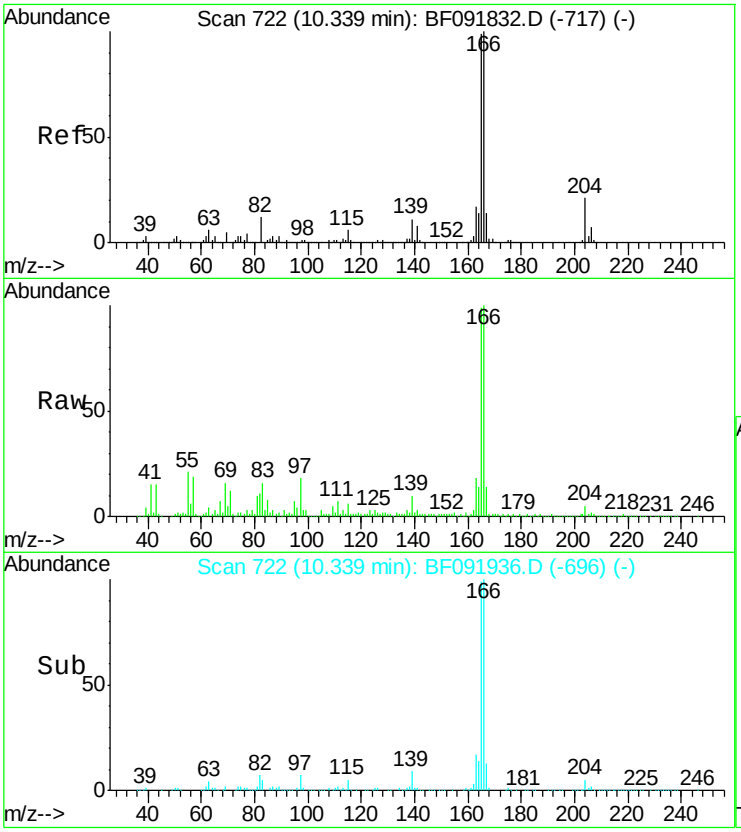




#56
2,4-Dinitrotoluene
Concen: 45.03 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:165 Resp: 322674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.5 | 40.2 | 60.4 |
| 89 | 80.2 | 62.5 | 93.7 |
| 182 | 2.8 | 1.8 | 2.8# |



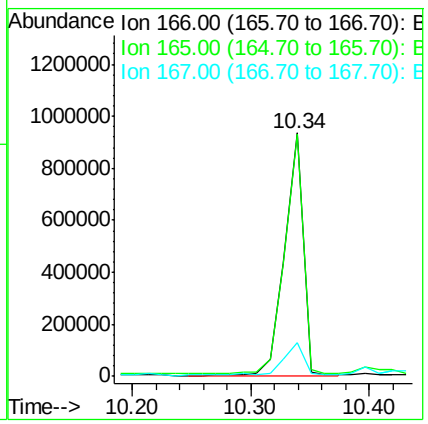


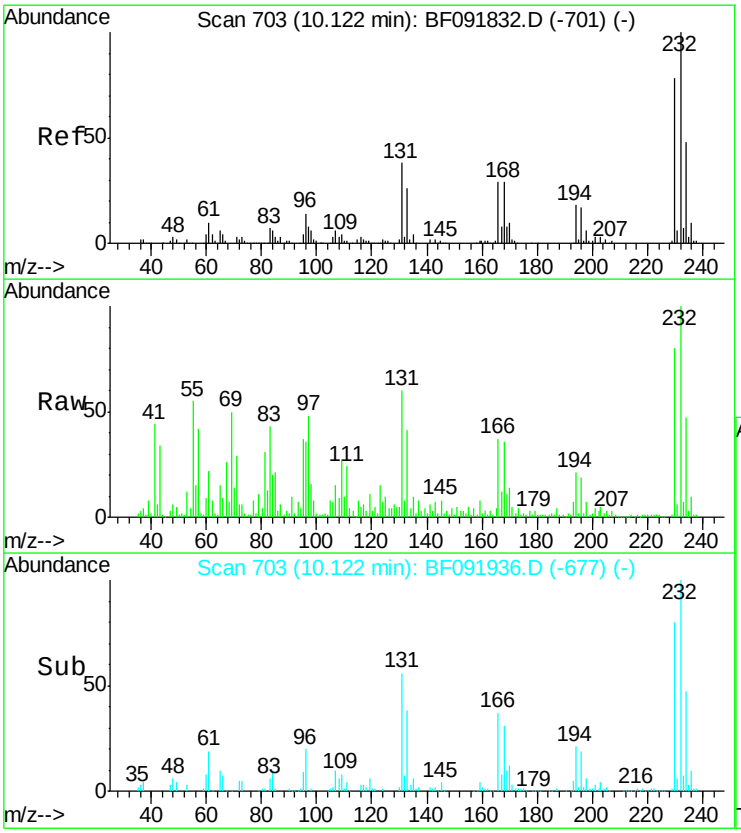

#57
Fluorene
Concen: 44.09 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:166 Resp: 998781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.5 | 77.8 | 116.8 |
| 167 | 13.9 | 10.8 | 16.2 |

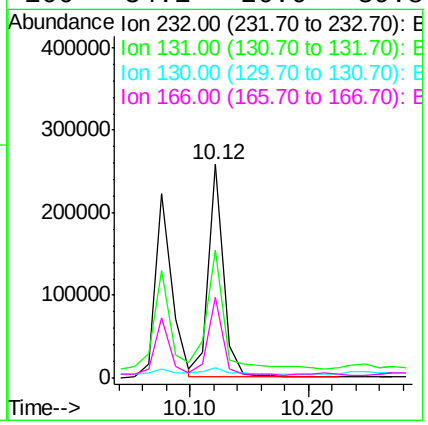


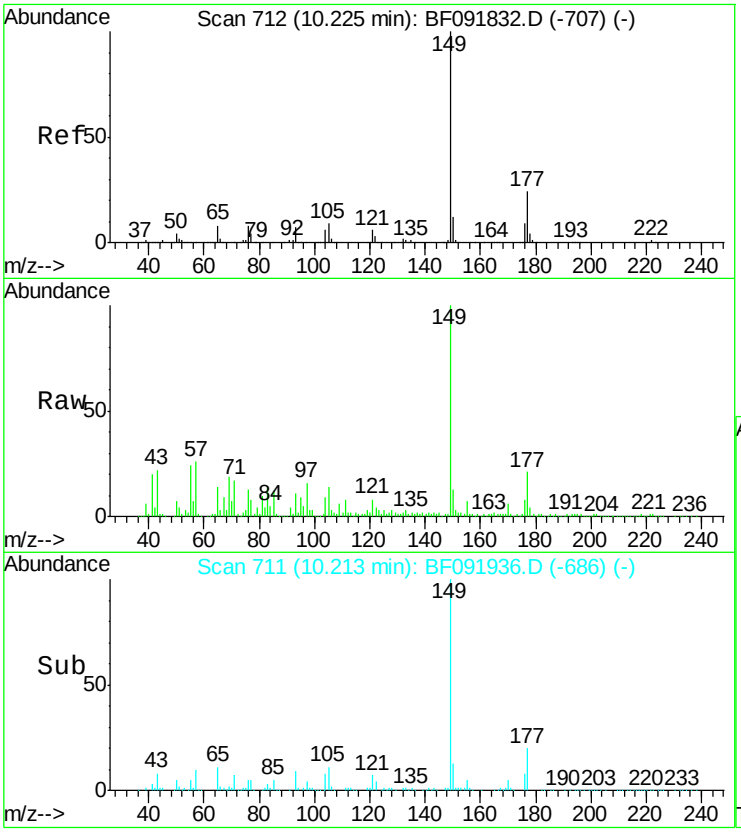




#58
2,3,4,6-Tetrachlorophenol
Concen: 39.09 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:232 Resp: 229287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 64.3 | 40.1 | 60.1# |
| 130 | 5.0 | 1.8 | 2.8# |
| 166 | 34.1 | 26.6 | 39.8 |



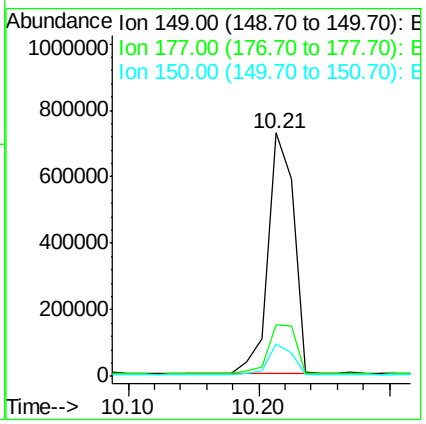


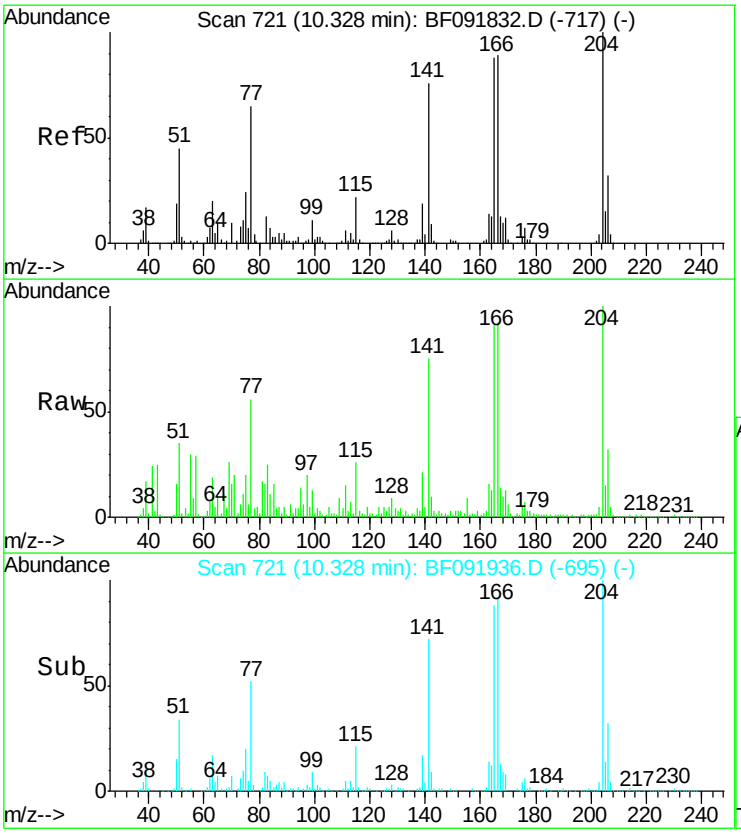

#59
Diethylphthalate
Concen: 39.50 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:149 Resp: 1000617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.1 | 16.6 | 25.0 |
| 150 | 13.1 | 10.4 | 15.6 |

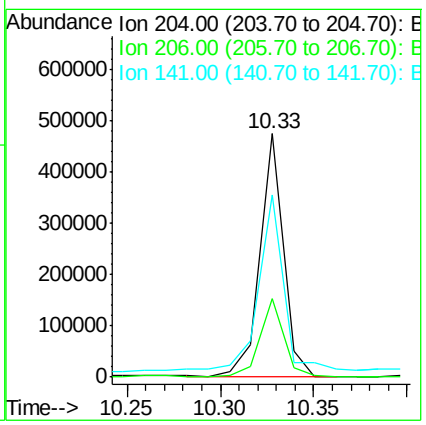


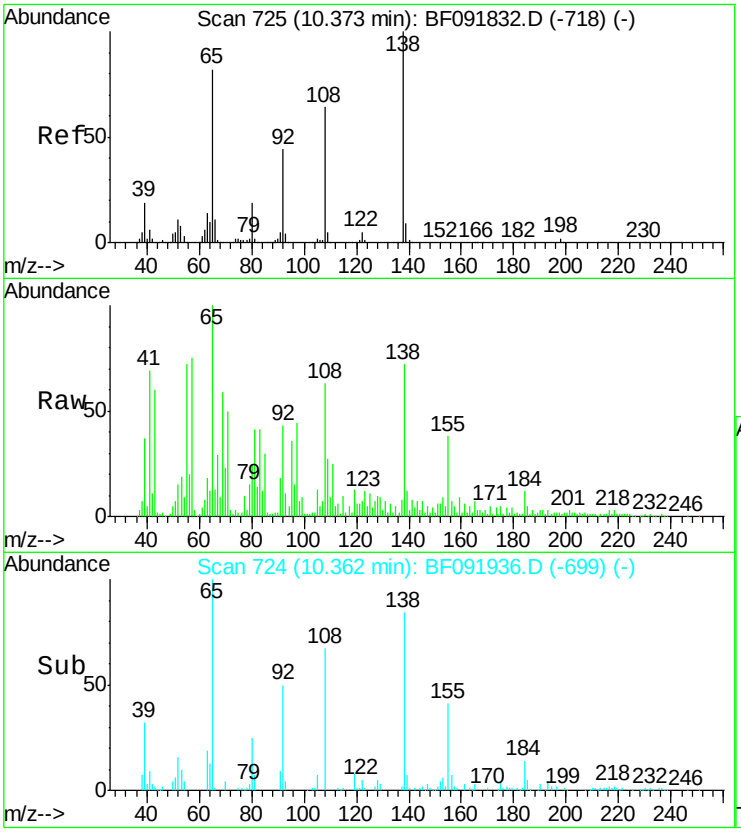




#60
4-Chlorophenyl-phenylether
Concen: 41.01 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:204 Resp: 406805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.3 | 25.8 | 38.6 |
| 141 | 74.9 | 59.4 | 89.0 |



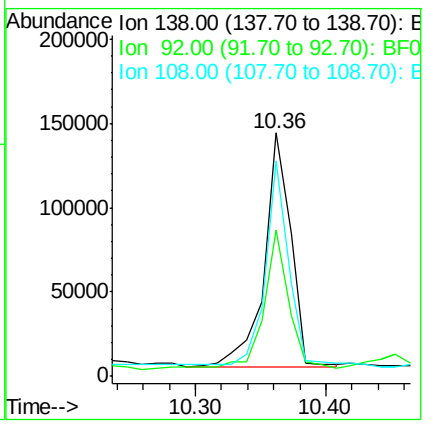


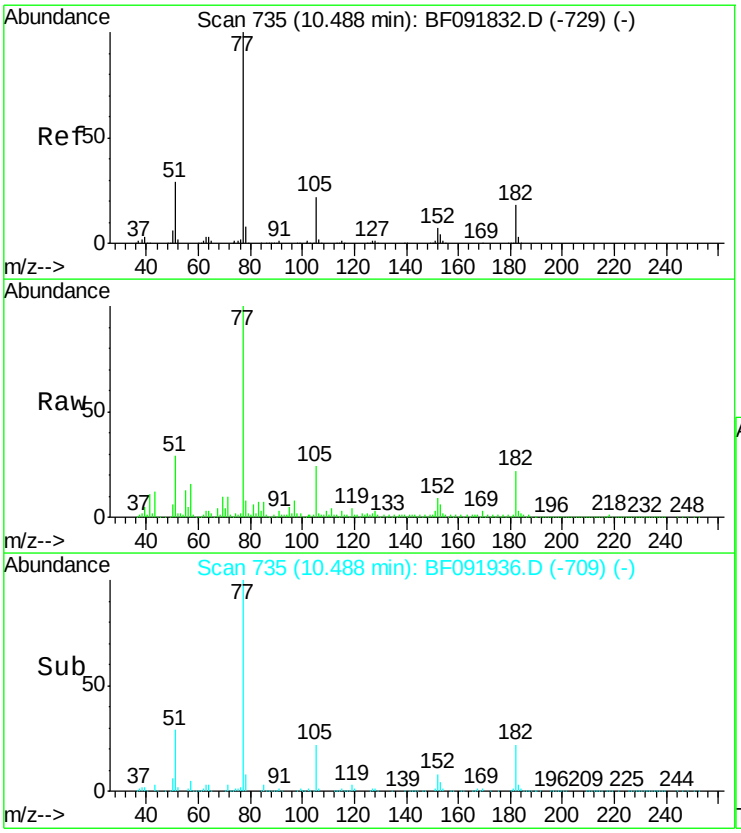

#61
4-Nitroaniline
Concen: 26.77 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:138 Resp: 195998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 59.9 | 31.7 | 71.7 |
| 108 | 88.5 | 52.6 | 92.6 |

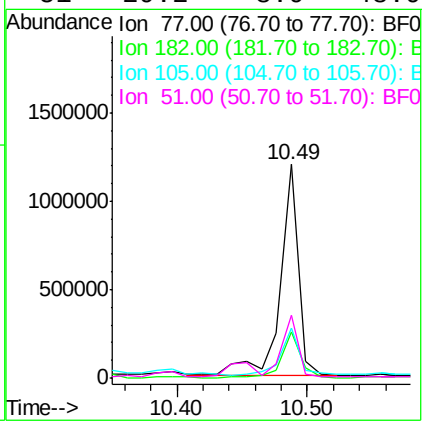


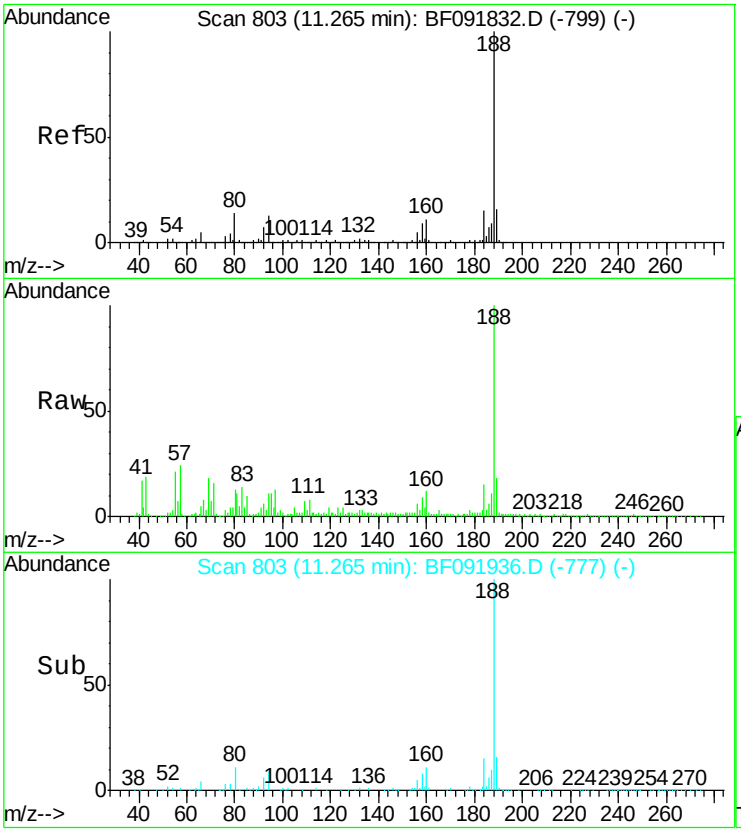




#62
Azobenzene
Concen: 41.60 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 77 Resp: 1160311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 21.8 | 0.0 | 39.3 |
| 105 | 23.5 | 2.3 | 42.3 |
| 51 | 29.2 | 8.9 | 48.9 |



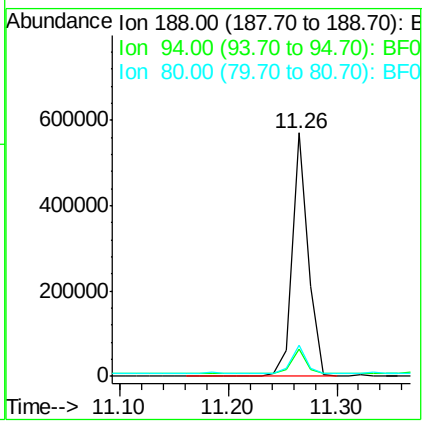


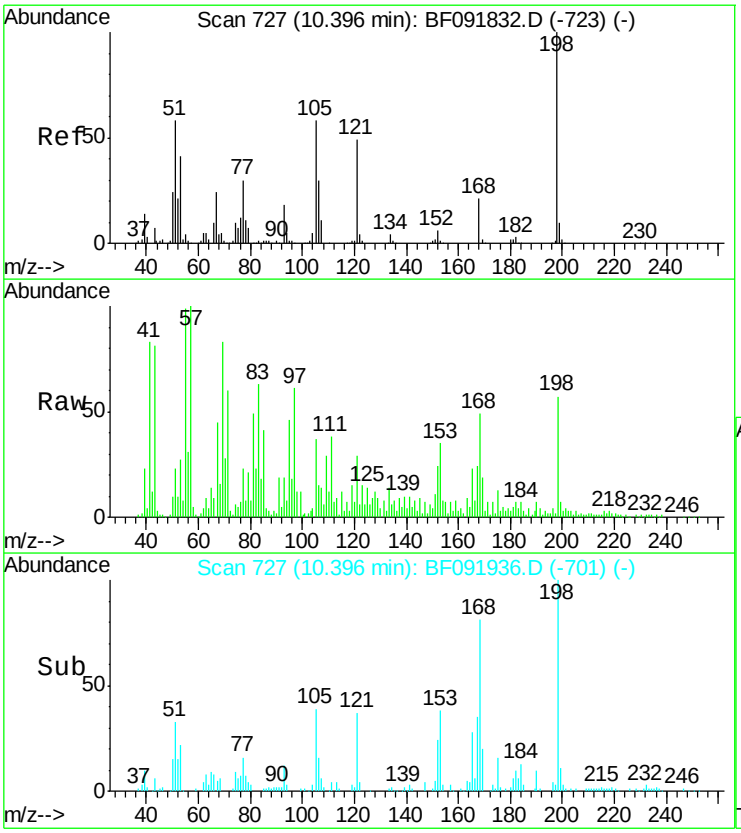

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:188 Resp: 583227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.3 | 10.0 | 15.0 |
| 80 | 13.0 | 11.2 | 16.8 |

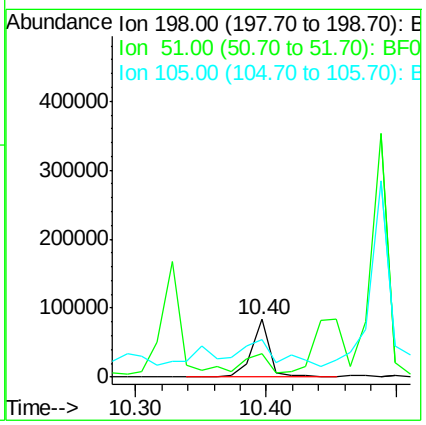


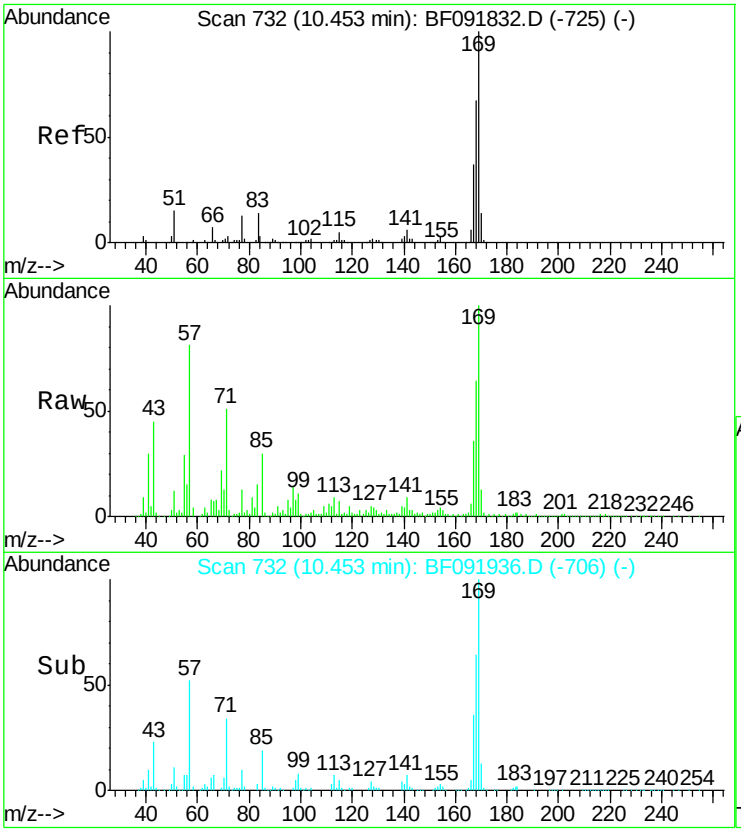




#64
4,6-Dinitro-2-methylphenol
Concen: 22.19 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:198 Resp: 78245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.7 | 6.7 | 46.7 |
| 105 | 64.8 | 16.6 | 56.6# |



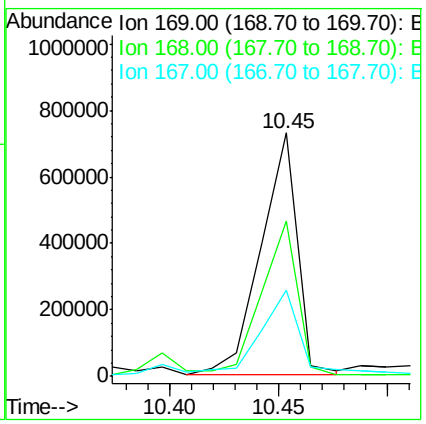


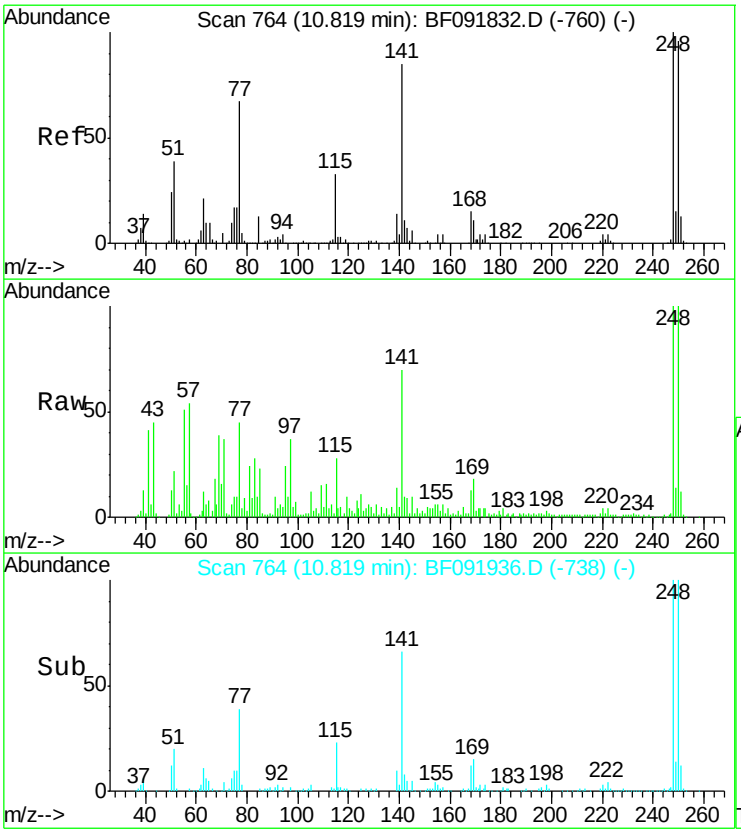

#65
n-Nitrosodiphenylamine
Concen: 48.99 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:169 Resp: 847781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.0 | 54.2 | 81.2 |
| 167 | 35.6 | 30.2 | 45.4 |

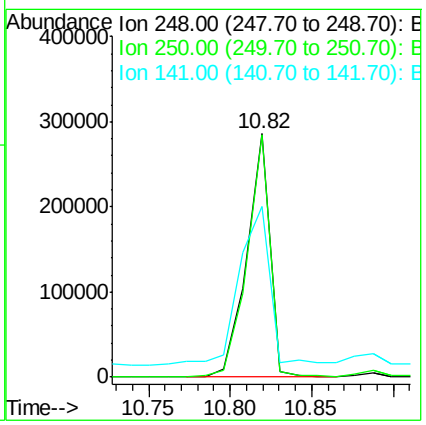


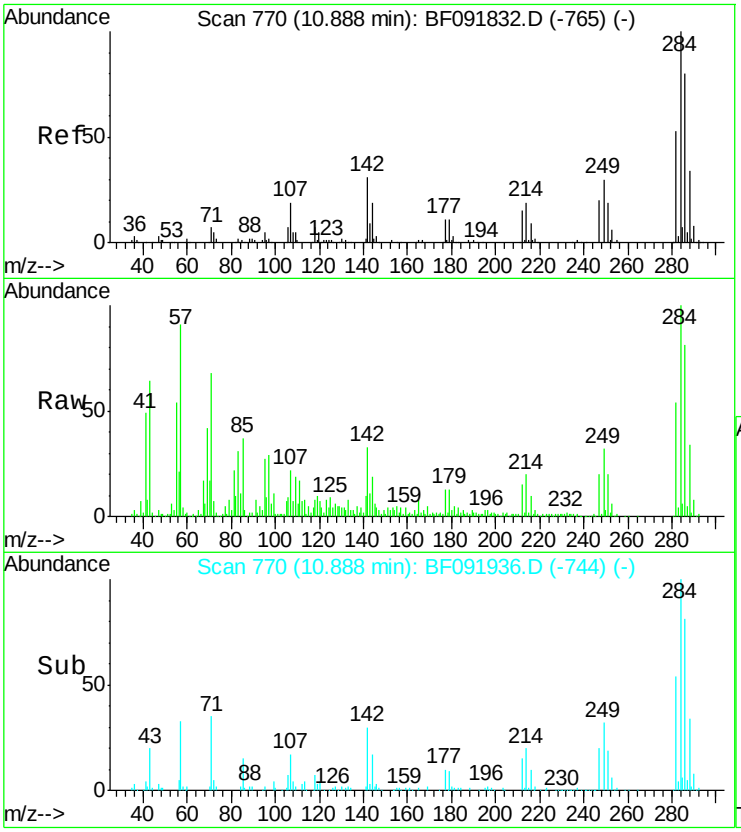




#66
4-Bromophenyl-phenylether
Concen: 46.23 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:248 Resp: 280497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.8 | 76.9 | 115.3 |
| 141 | 70.0 | 68.2 | 102.4 |



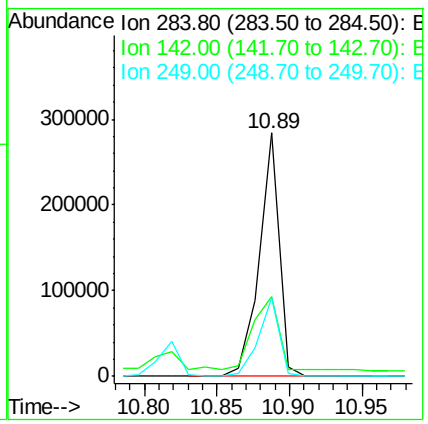


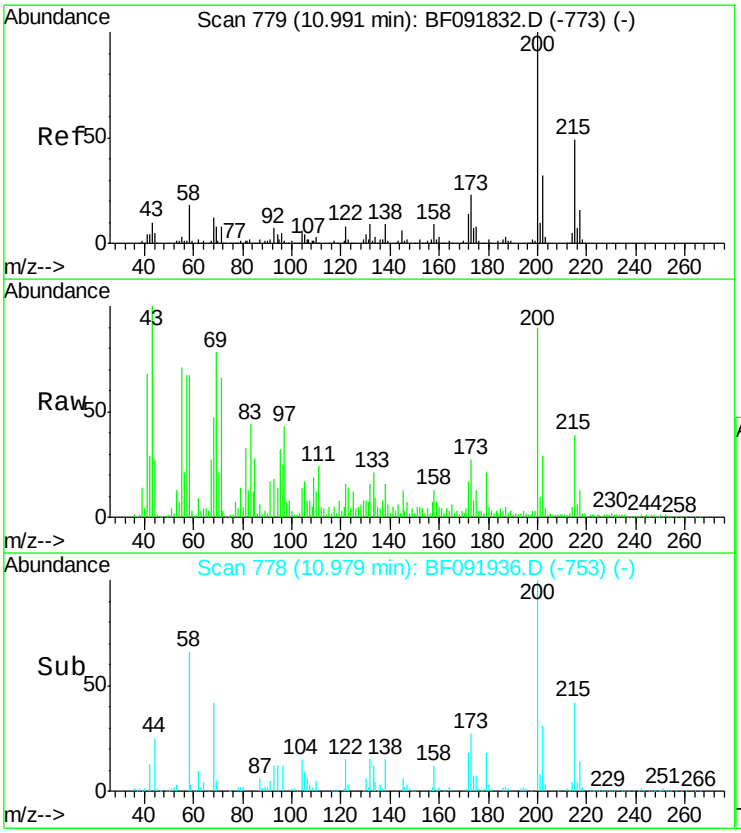

#67
Hexachlorobenzene
Concen: 41.76 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:284 Resp: 270830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.6 | 22.6 | 33.8 |
| 249 | 32.3 | 25.4 | 38.0 |

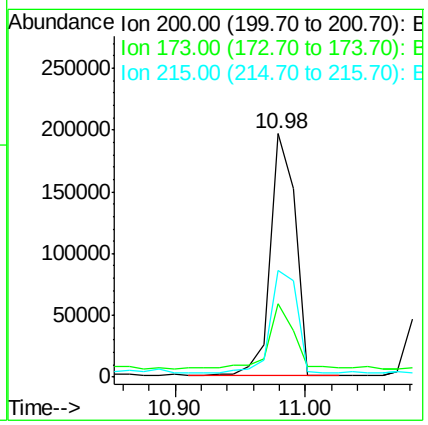


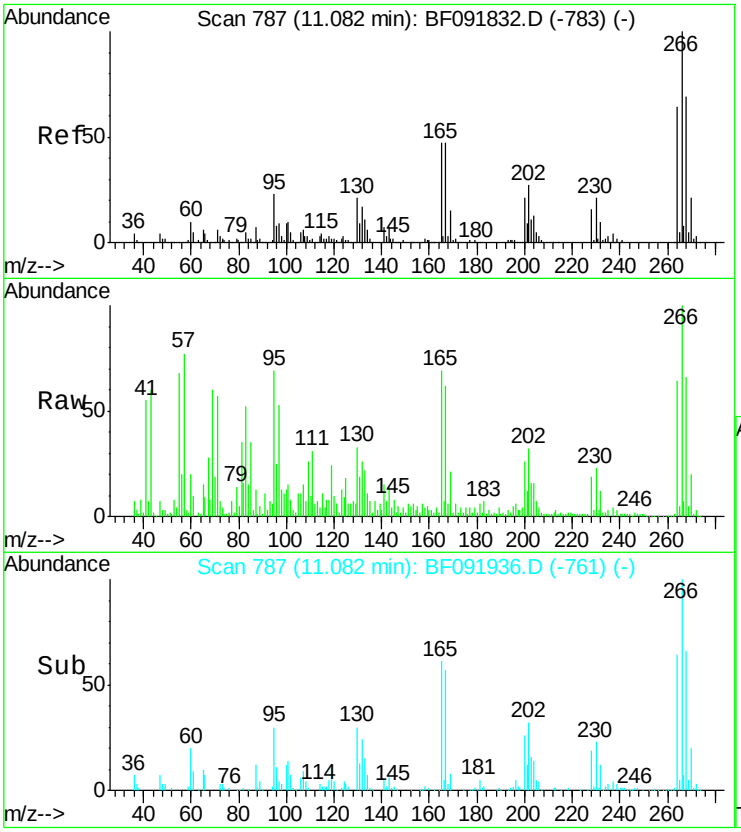




#68
Atrazine
Concen: 46.83 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:200 Resp: 261420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 30.3 | 9.6 | 49.6 |
| 215 | 43.6 | 25.7 | 65.7 |



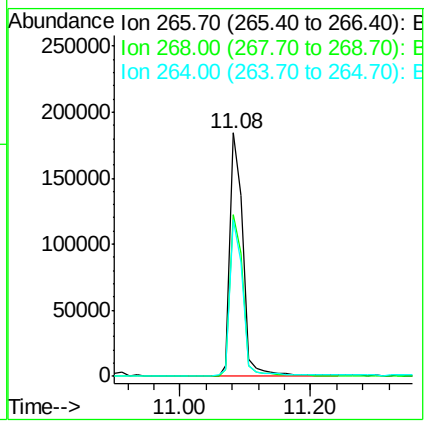


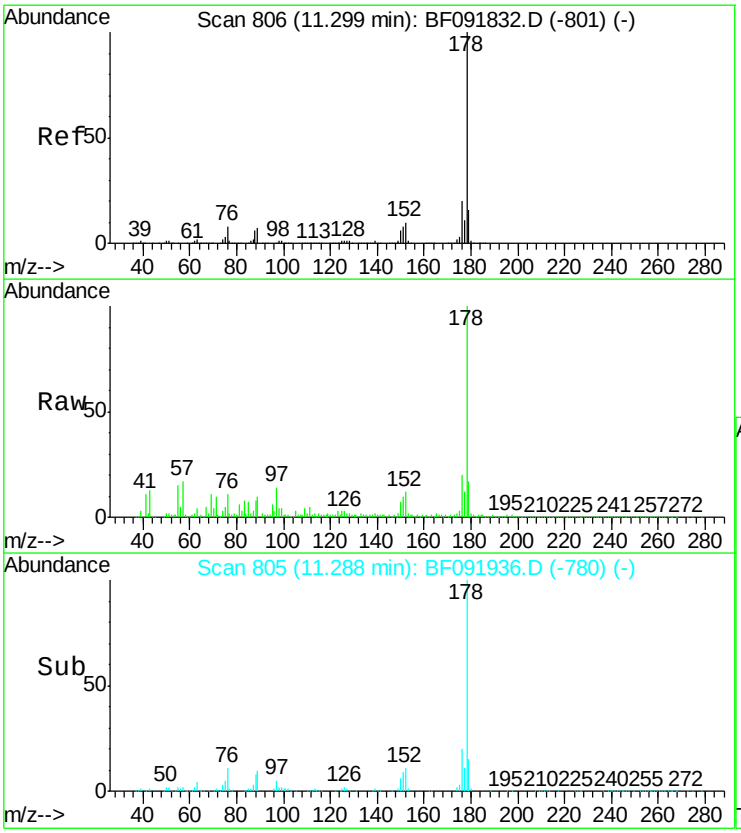

#69
Pentachlorophenol
Concen: 78.40 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:266 Resp: 249459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.4 | 53.3 | 79.9 |
| 264 | 64.4 | 50.3 | 75.5 |

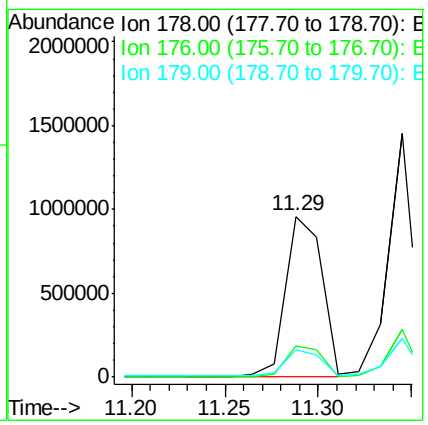


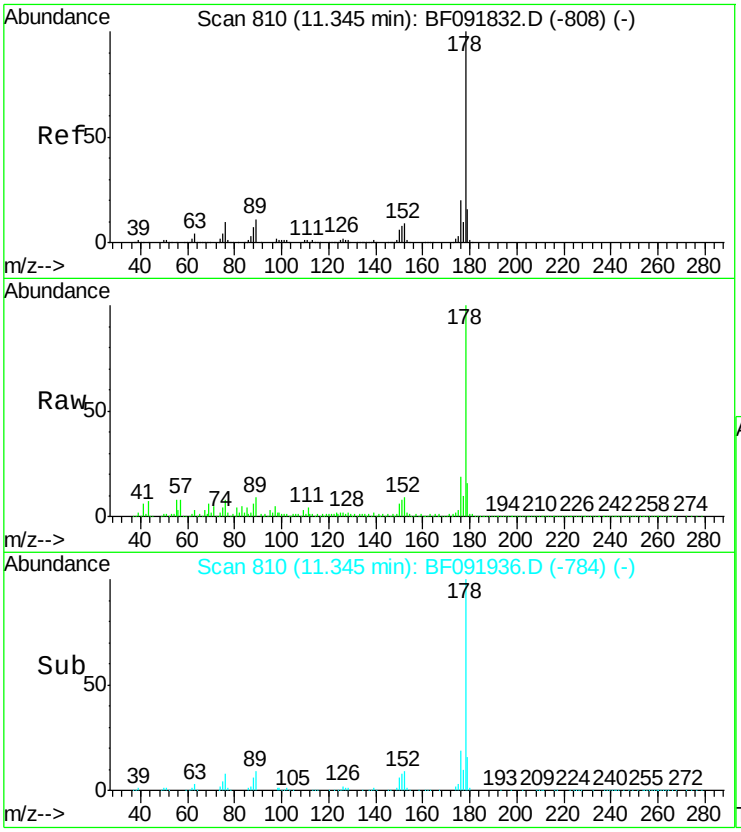




#70
Phenanthrene
Concen: 41.08 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:178 Resp: 1299023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 16.6 | 25.0 |
| 179 | 16.9 | 12.8 | 19.2 |



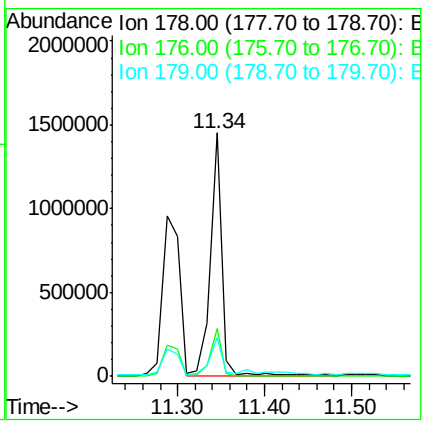


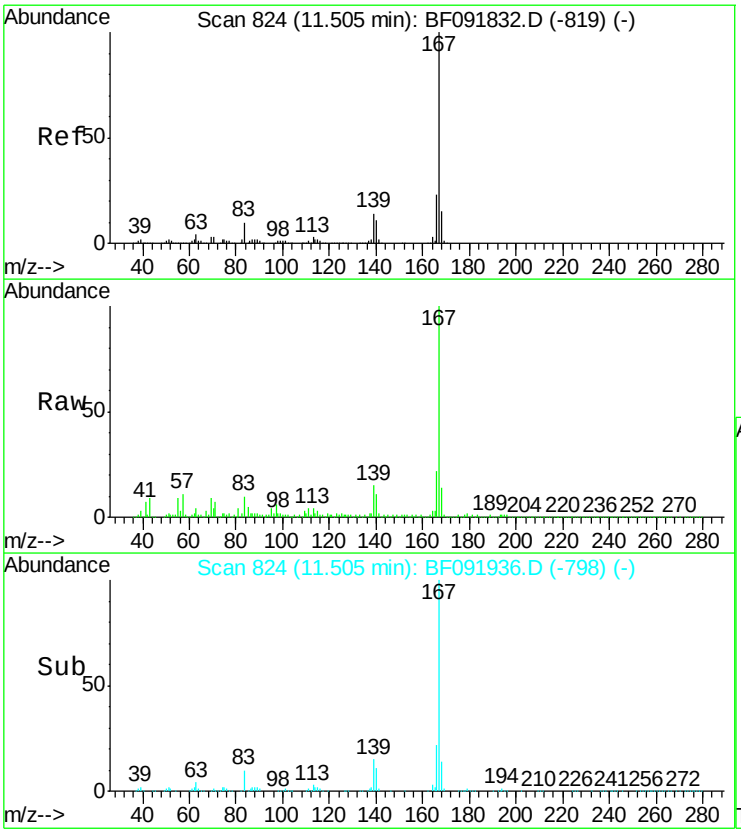

#71
Anthracene
Concen: 49.32 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:178 Resp: 1337577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.9 | 23.9 |
| 179 | 16.1 | 13.2 | 19.8 |

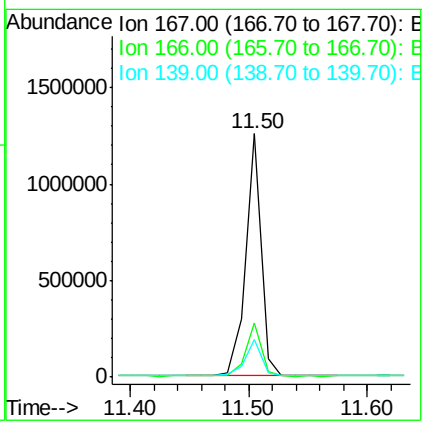


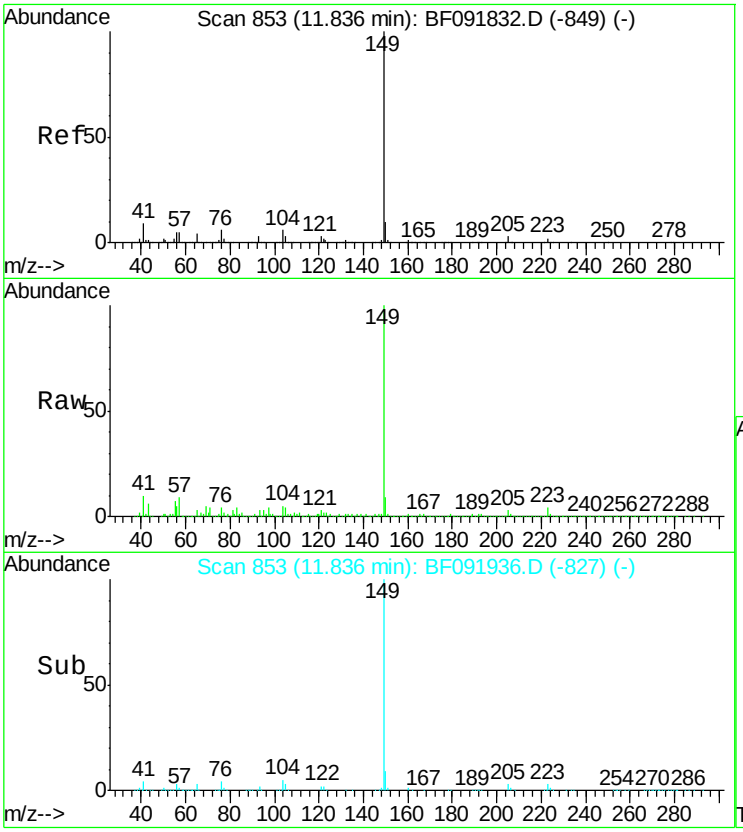




#72
Carbazole
Concen: 43.15 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:167 Resp: 1144432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 18.2 | 27.2 |
| 139 | 15.3 | 11.4 | 17.2 |



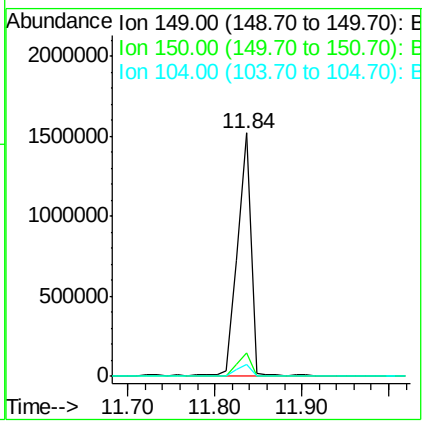


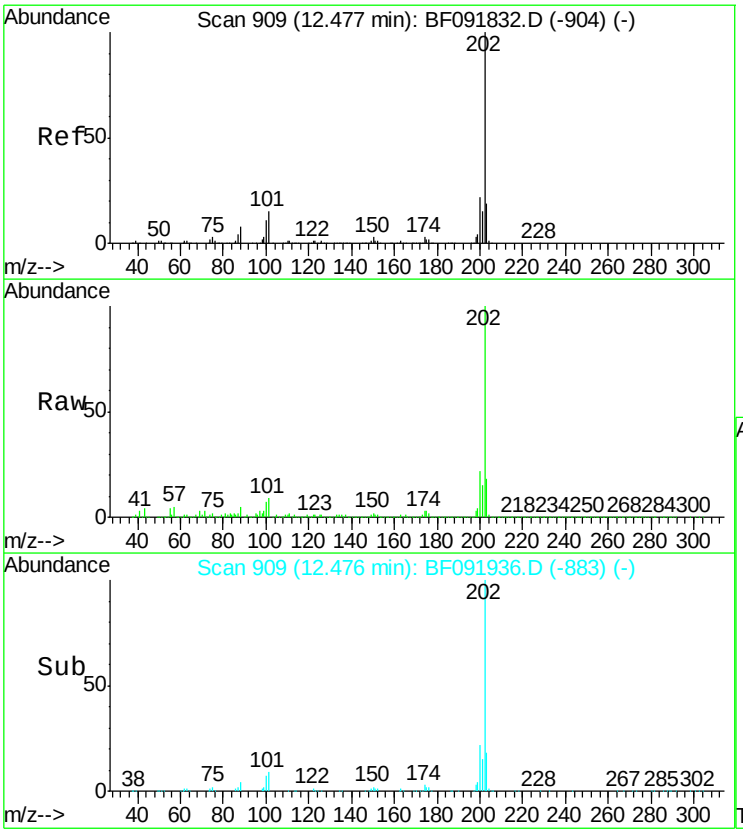

#73
Di-n-butylphthalate
Concen: 53.38 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:149 Resp: 1576585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 8.1 | 12.1 |
| 104 | 4.9 | 4.6 | 7.0 |

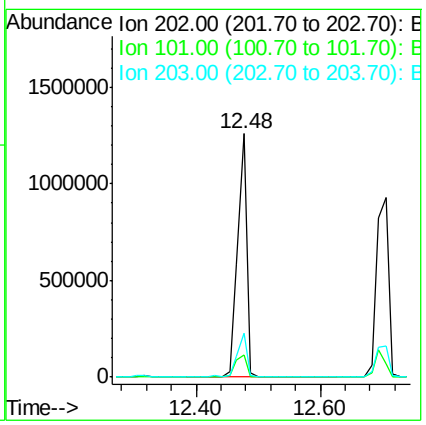


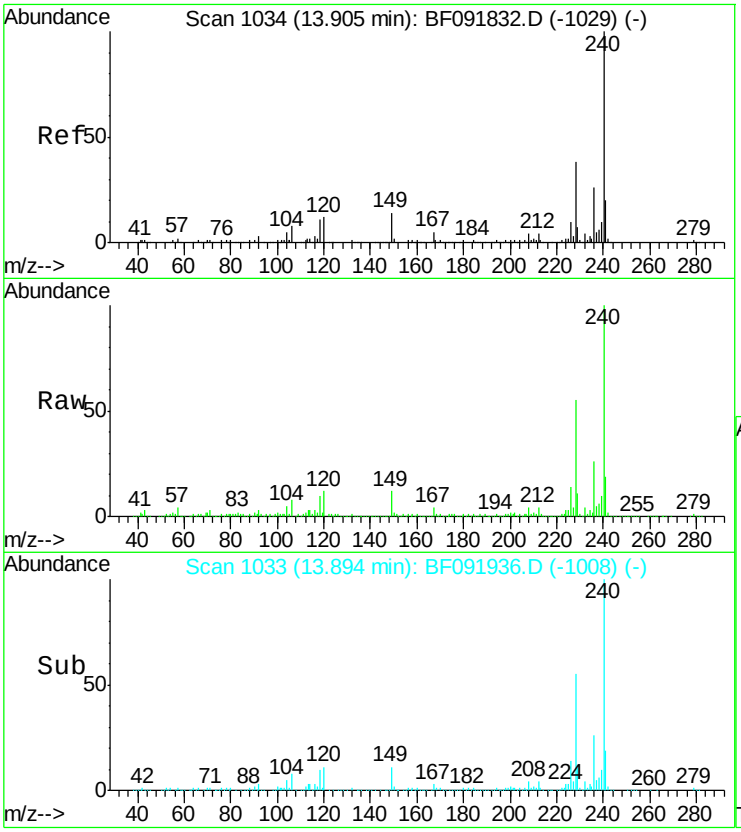




#74
Fluoranthene
Concen: 47.35 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:202 Resp: 1308286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.3 | 0.0 | 34.6 |
| 203 | 18.1 | 0.0 | 38.7 |



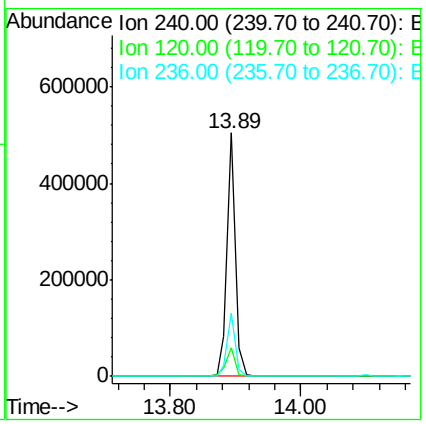


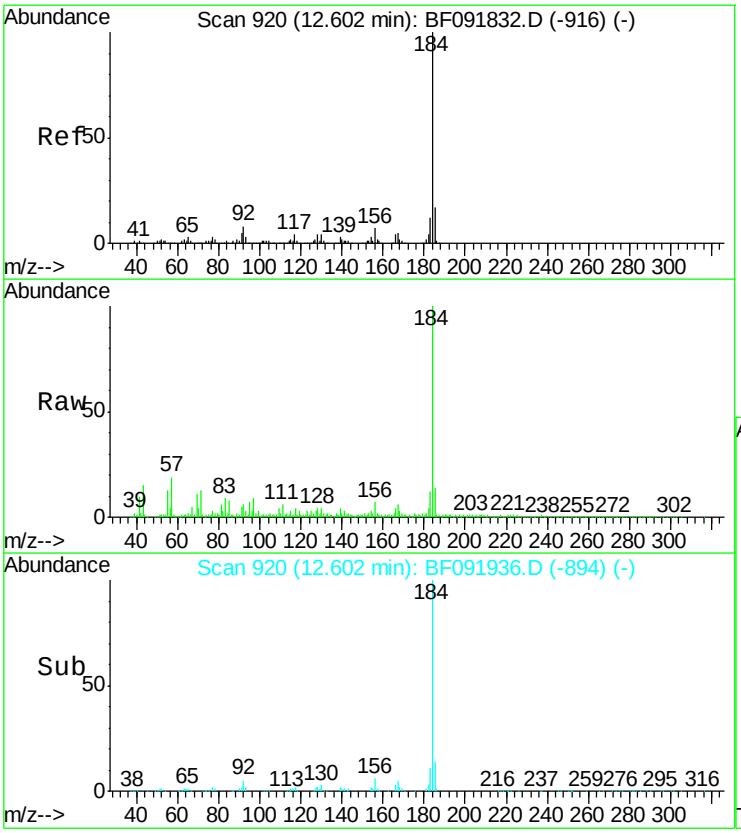

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:240 Resp: 455224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 12.9 | 19.3# |
| 236 | 25.9 | 20.9 | 31.3 |

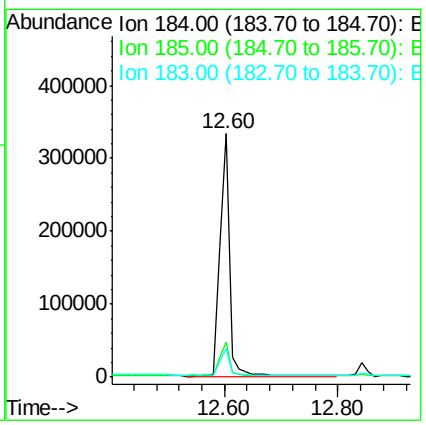


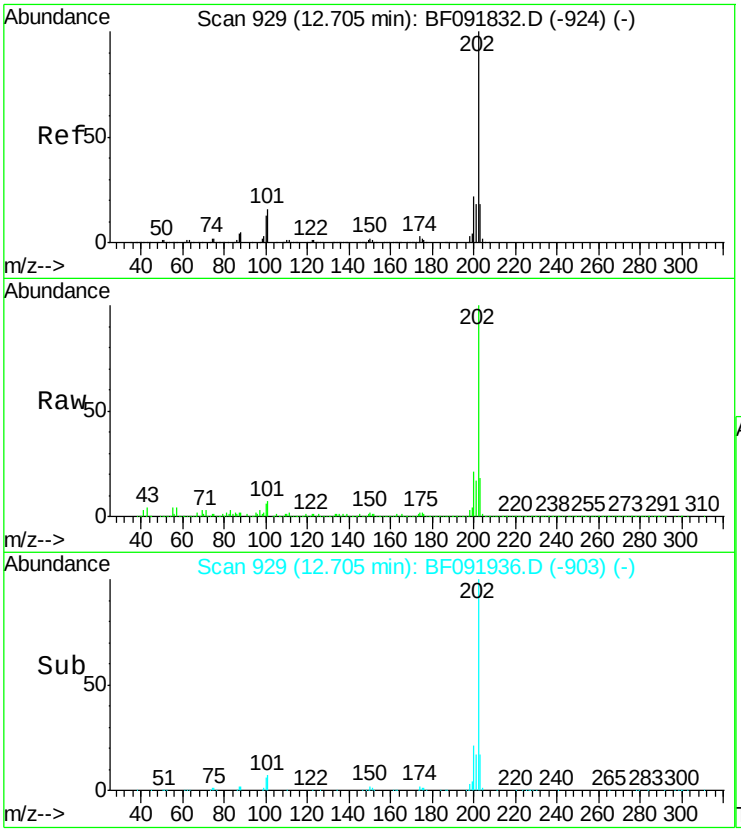




#76
Benzidine
Concen: 31.30 ng
RT: 12.60 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:184 Resp: 391271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 13.4 | 20.0 |
| 183 | 12.0 | 9.2 | 13.8 |



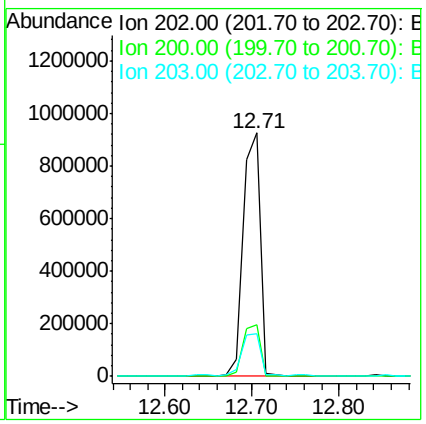


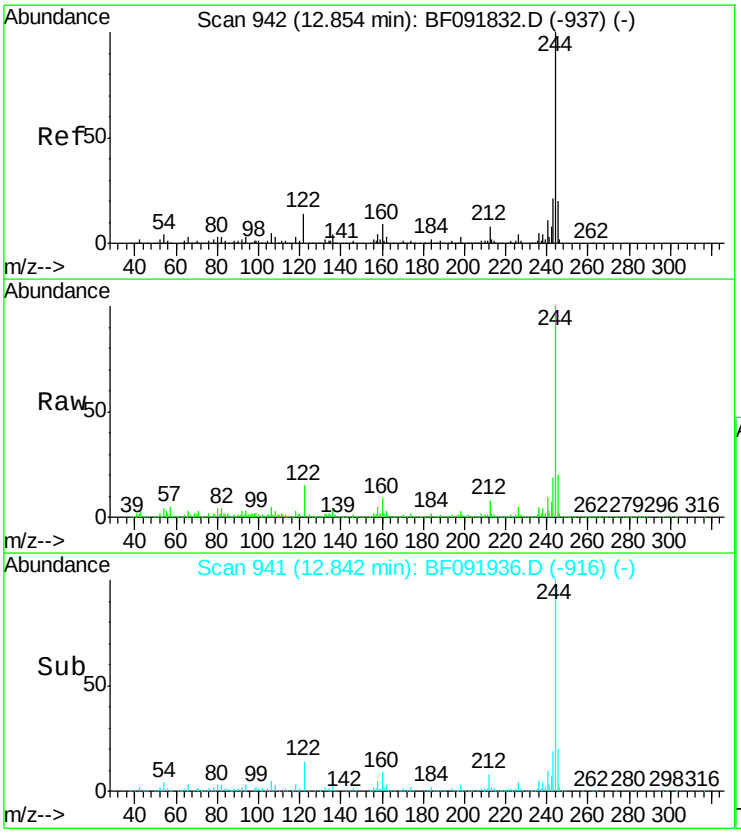

#77
Pyrene
Concen: 37.81 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:202 Resp: 1262772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.7 | 26.5 |
| 203 | 17.7 | 14.7 | 22.1 |

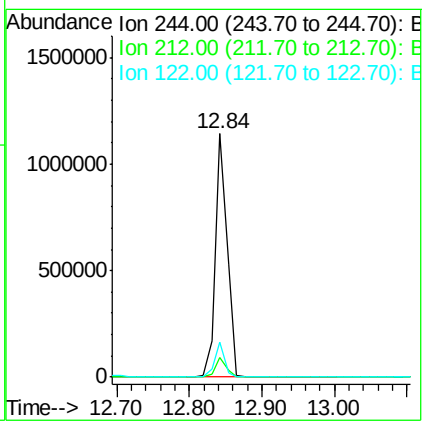


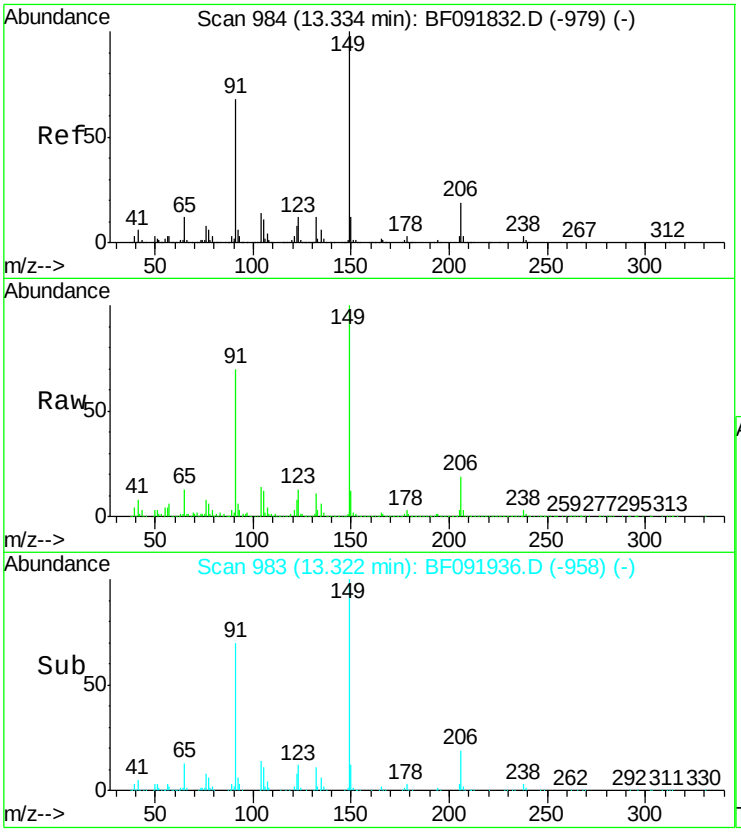




#78
Terphenyl-d14
Concen: 68.31 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:244 Resp: 1282271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.2 | 9.2 |
| 122 | 14.5 | 11.4 | 17.2 |



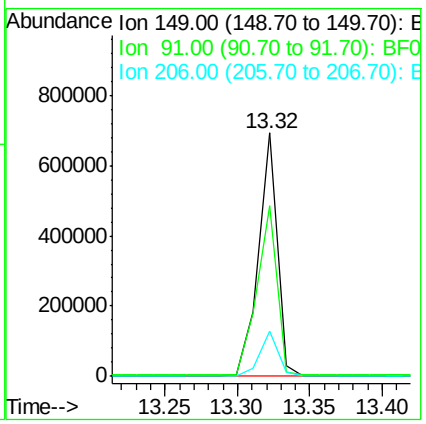


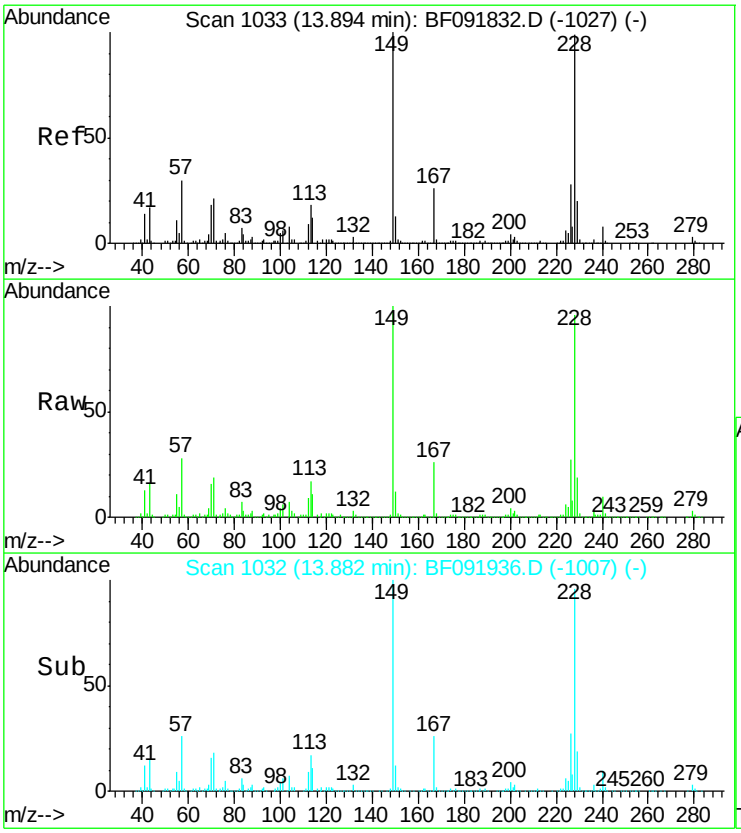

#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:149 Resp: 620106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.1 | 63.9 | 95.9 |
| 206 | 18.7 | 14.6 | 21.8 |

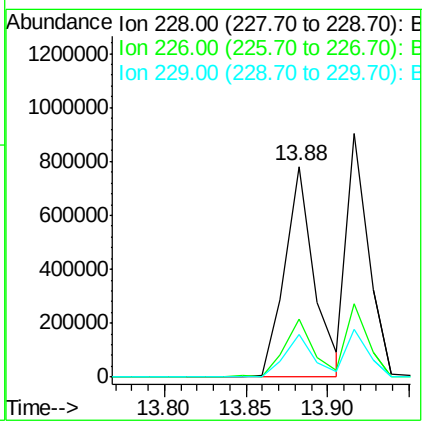


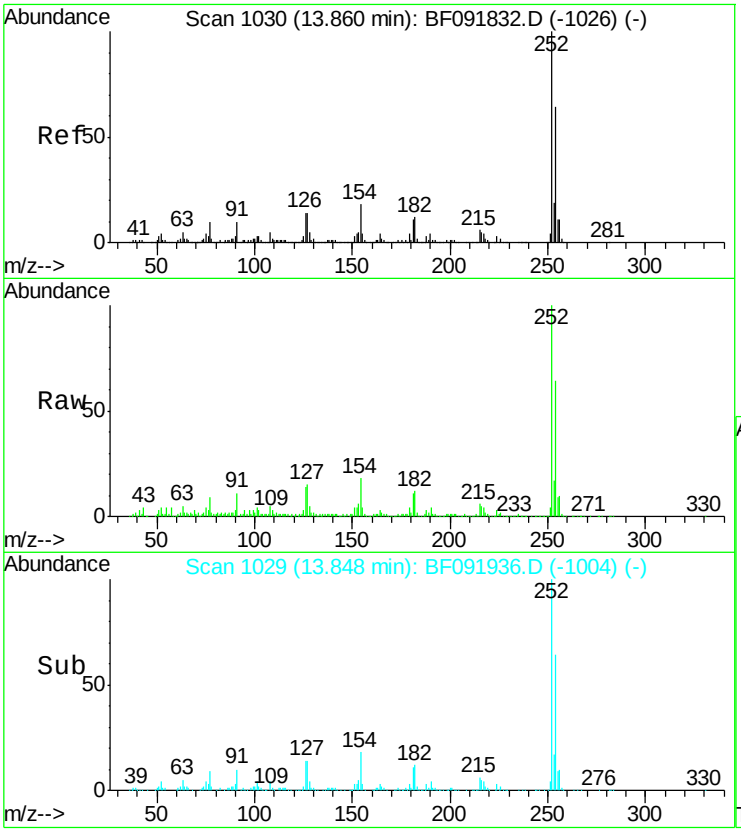




#80
Benzo(a)anthracene
Concen: 38.51 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:228 Resp: 989623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.4 | 33.6 |
| 229 | 20.1 | 16.2 | 24.4 |



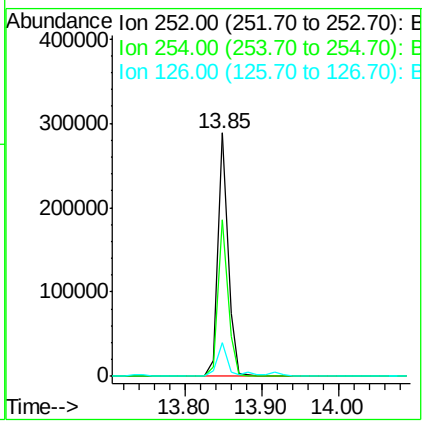


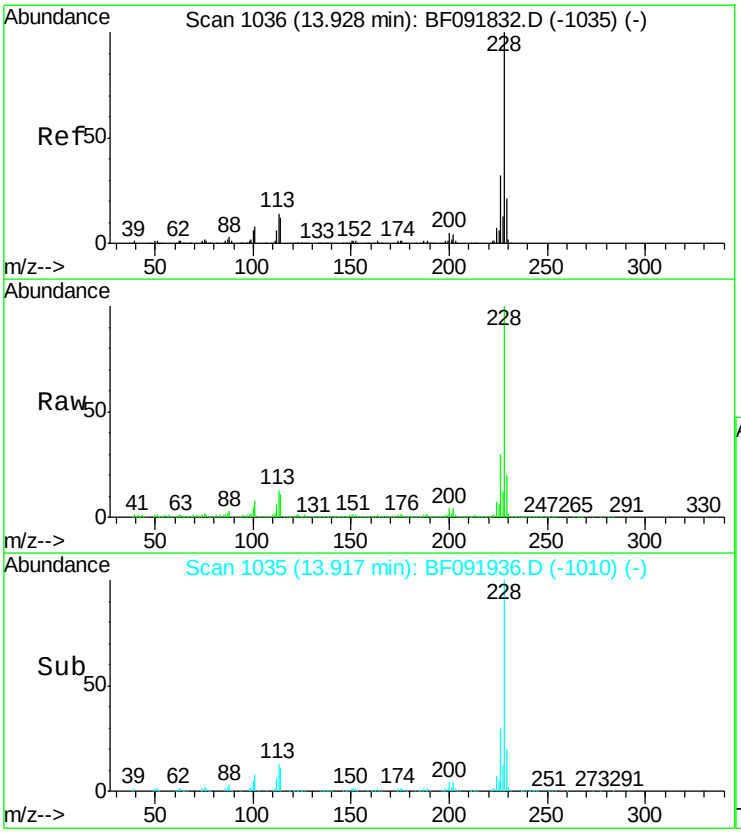

#81
3,3'-Dichlorobenzidine
Concen: 27.81 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:252 Resp: 271007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 52.3 | 78.5 |
| 126 | 14.0 | 13.6 | 20.4 |

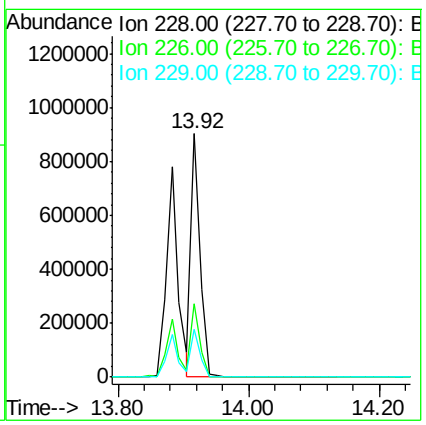


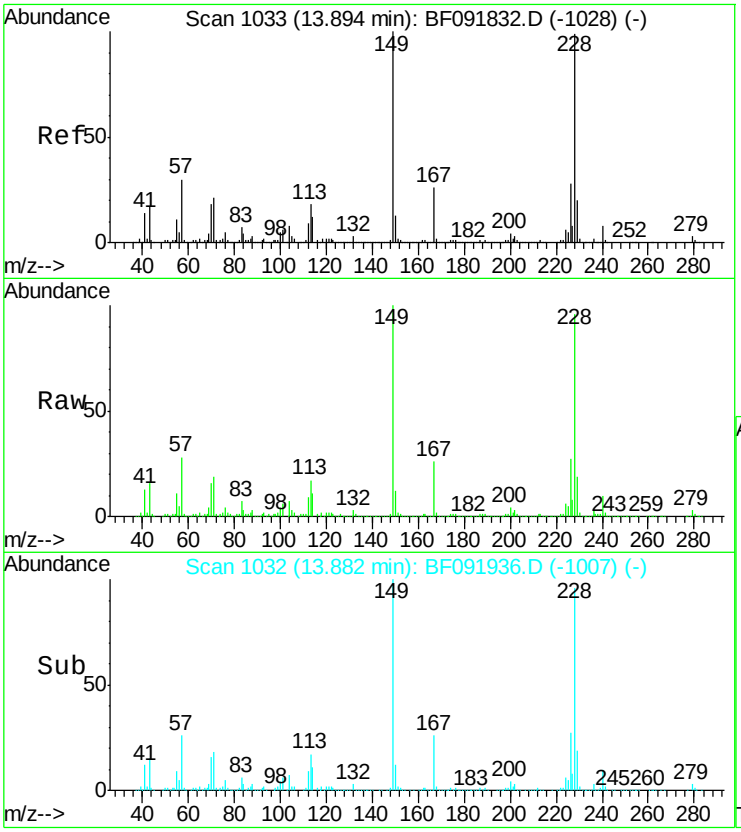




#82
Chrysene
Concen: 33.50 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:228 Resp: 863385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 25.4 | 38.0 |
| 229 | 19.6 | 16.2 | 24.2 |



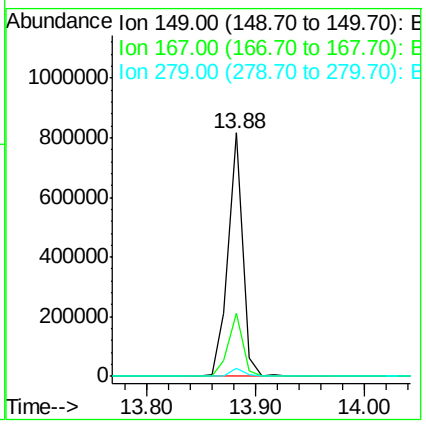


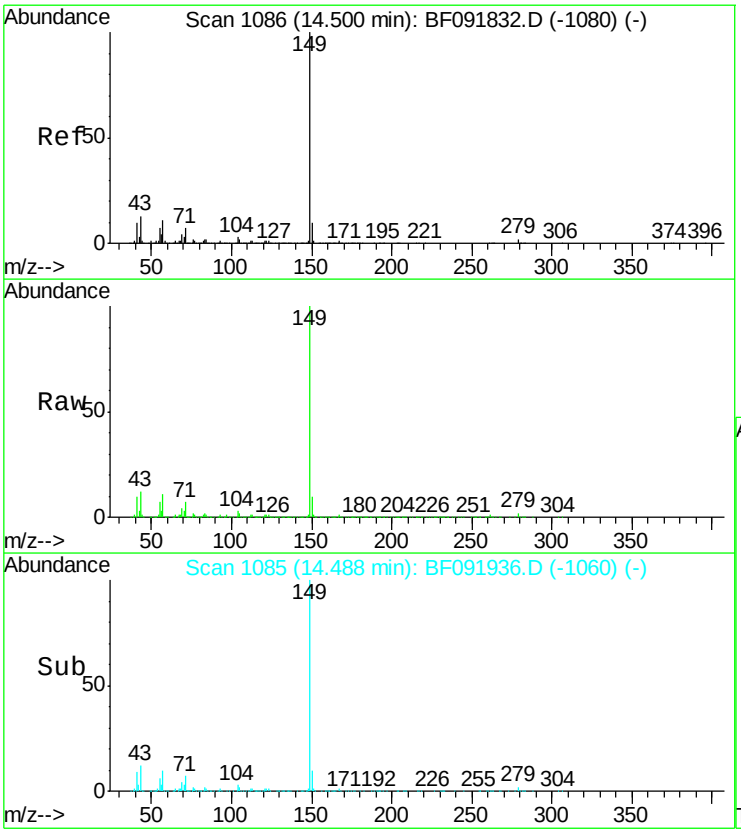

#83
Bis(2-ethylhexyl)phthalate
Concen: 42.10 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:149 Resp: 753082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 20.2 | 30.4 |
| 279 | 3.3 | 1.8 | 2.8# |

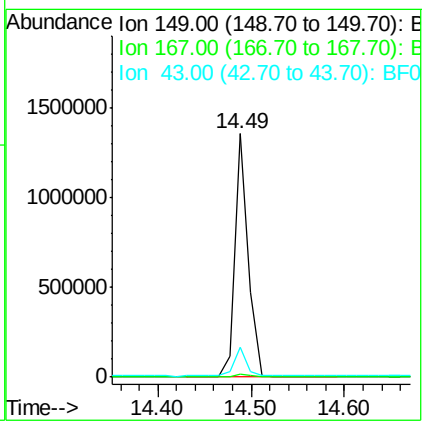


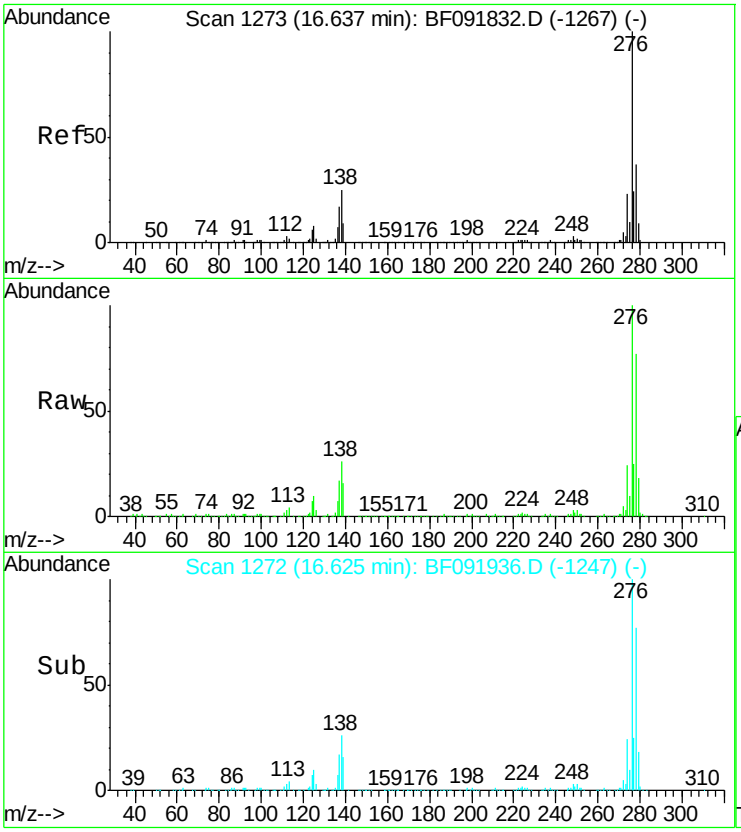




#84
Di-n-octyl phthalate
Concen: 40.61 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:149 Resp: 1345853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 11.2 | 8.9 | 13.3 |



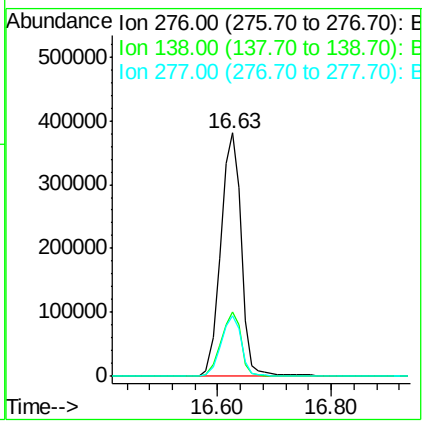


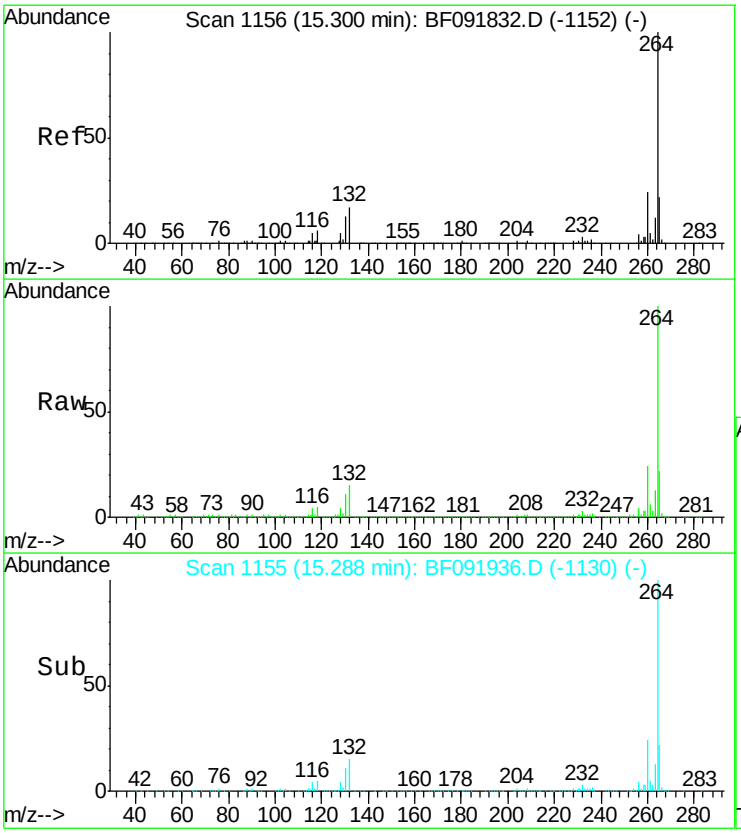

#85
Indeno(1,2,3-cd)pyrene
Concen: 43.11 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:276 Resp: 962719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.2 | 21.8 | 32.6 |
| 277 | 25.1 | 20.2 | 30.4 |

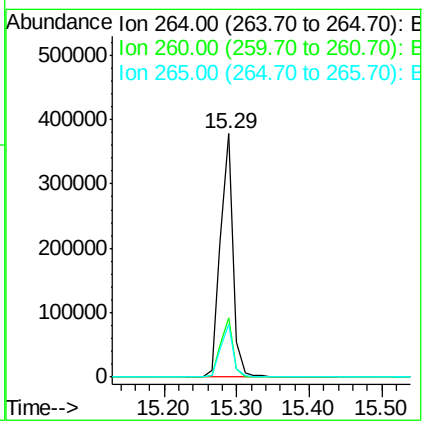


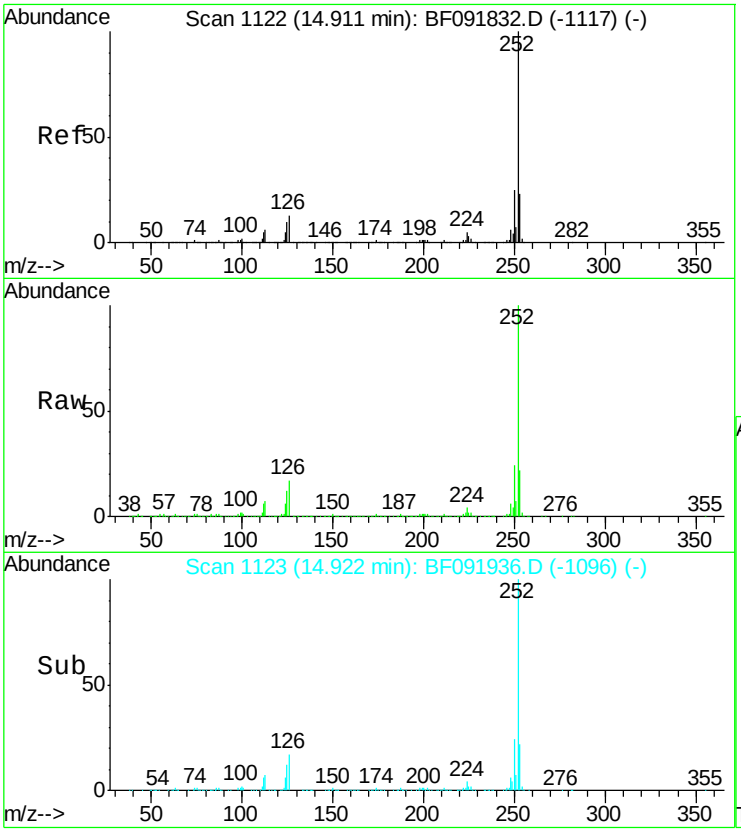




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:264 Resp: 457032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.2 | 28.8 |
| 265 | 21.7 | 17.4 | 26.0 |



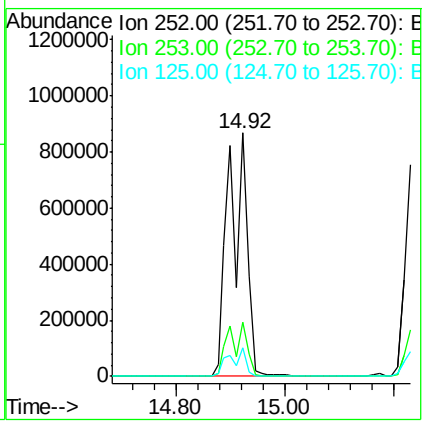


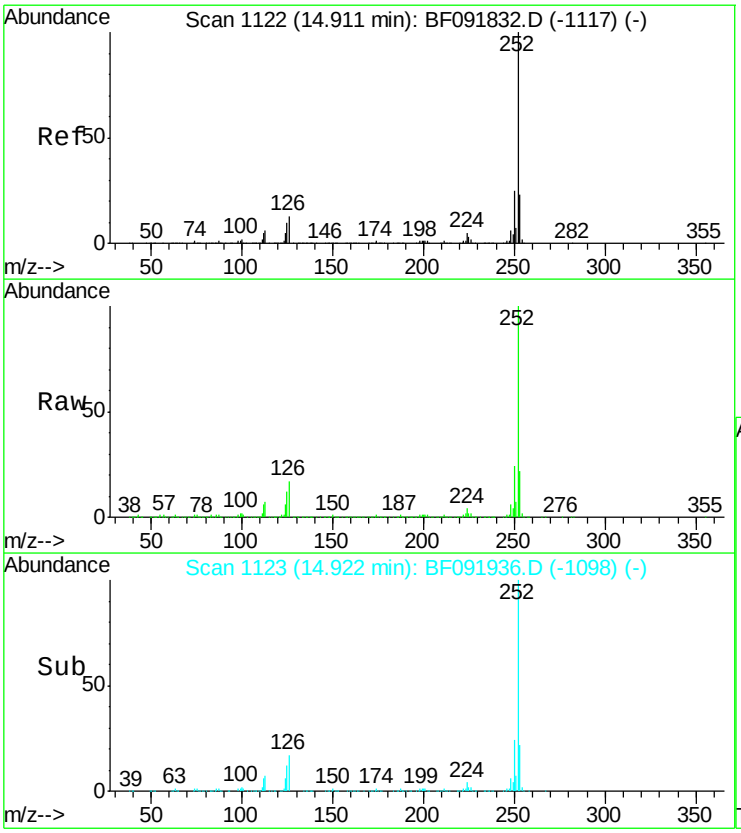

#87
Benzo(b)fluoranthene
Concen: 70.99 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:252 Resp: 2020030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.2 | 27.4 |
| 125 | 11.7 | 9.8 | 14.6 |

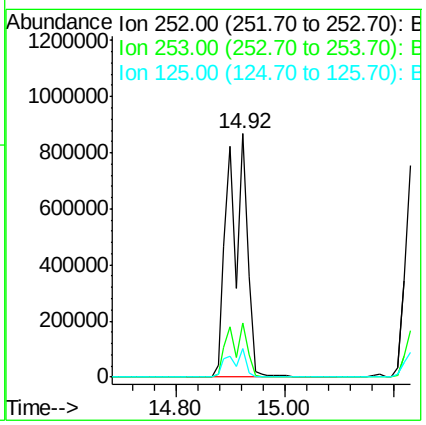


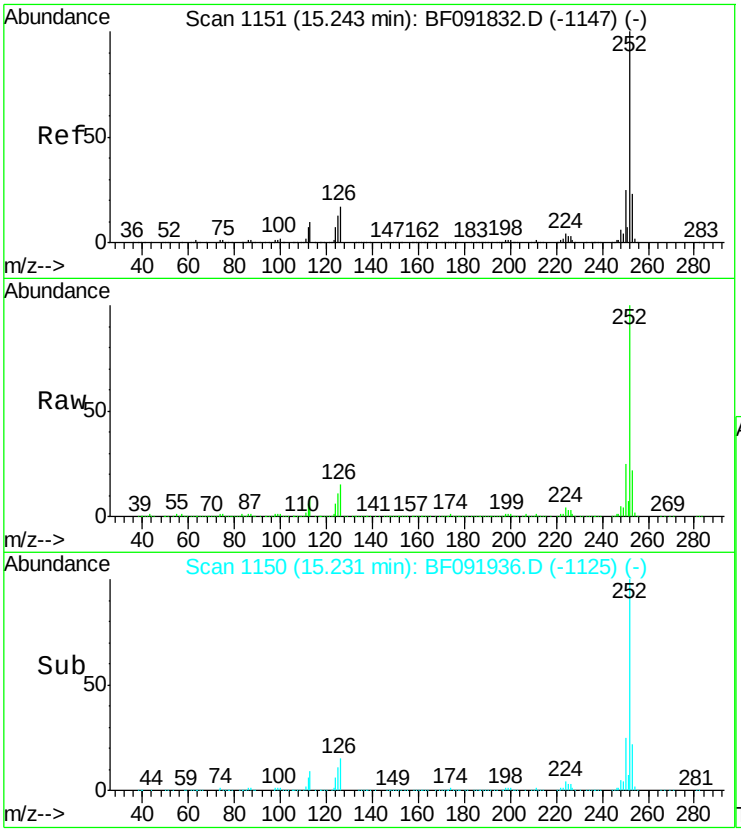




#88
Benzo(k)fluoranthene
Concen: 83.25 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:252 Resp: 2020030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.5 | 27.7 |
| 125 | 11.7 | 8.9 | 13.3 |



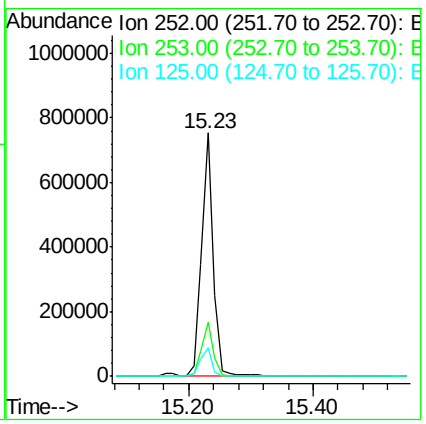


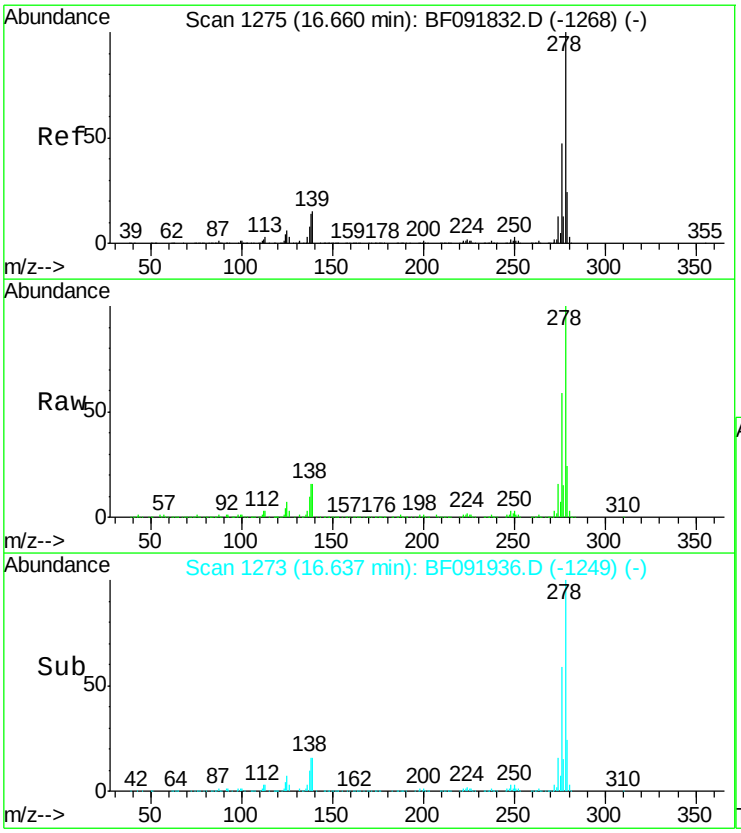

#89
Benzo(a)pyrene
Concen: 38.78 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:252 Resp: 979427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.2 | 27.2 |
| 125 | 11.5 | 10.0 | 15.0 |

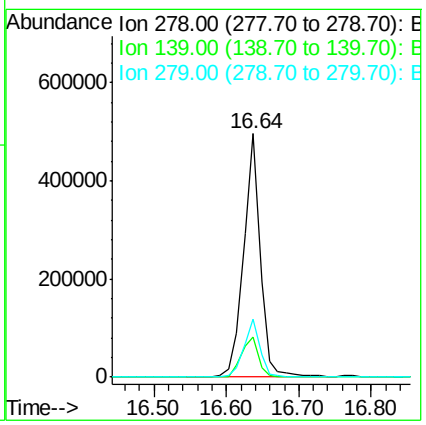


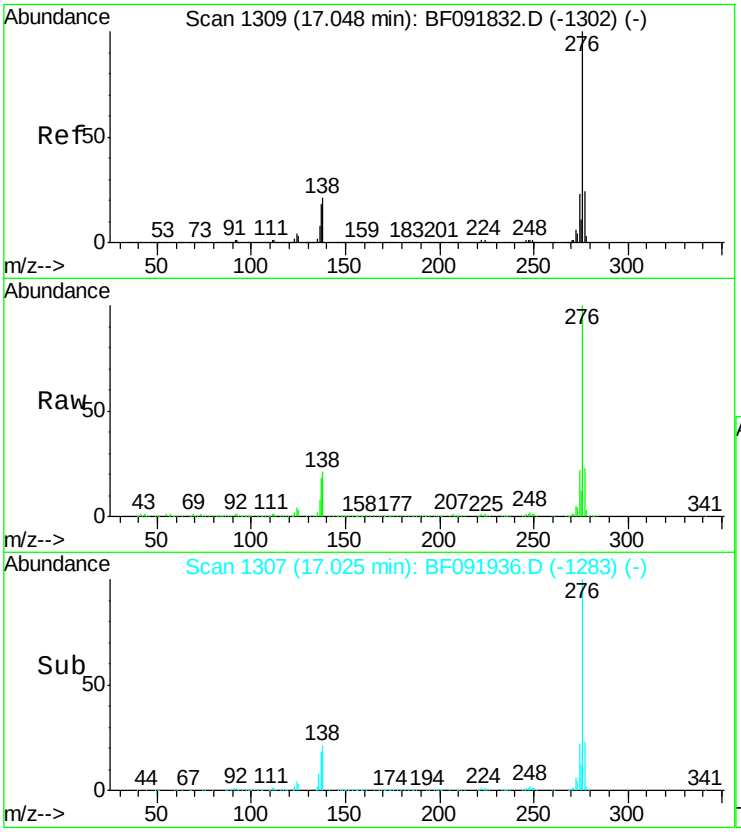




#90
Dibenzo(a,h)anthracene
Concen: 38.46 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:278 Resp: 798450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.3 | 14.8 | 22.2 |
| 279 | 23.6 | 19.8 | 29.6 |






#91
Benzo(g,h,i)perylene
Concen: 36.09 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

**Instrument :**
BNA_F
**ClientSampleId :**
H6058-05MS

Tgt Ion:276 Resp: 778965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 19.2 | 28.8 |
| 138 | 20.9 | 16.0 | 24.0 |