Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087426.D
Acq On : 27 May 2016 1:17
Operator : UM/SJ
Sample : PB90917BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB90917BS

Quant Time: May 27 03:19:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 96131 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 9.53 | 136 | 396549 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 12.37 | 164 | 184646 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 14.77 | 188 | 363521 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 18.47 | 240 | 284924 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 20.14 | 264 | 206631 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 746485 | 136.45 | ng | | 0.01 |
| 7) Phenol-d6 | 7.06 | 99 | 923978 | 124.99 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.42 | 82 | 646147 | 82.12 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.67 | 330 | 223465 | 125.94 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 11.31 | 172 | 1089753 | 83.20 | ng | | -0.02 |
| 78) Terphenyl-d14 | 17.12 | 244 | 1064610 | 79.44 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.91 | 88 | 90933 | 31.50 | ng | # | 66 |
| 3) Pyridine | 2.49 | 79 | 242120 | 38.37 | ng | # | 66 |
| 4) n-Nitrosodimethylamine | 2.46 | 42 | 212021 | 43.60 | ng | # | 43 |
| 6) Aniline | 7.02 | 93 | 249546 | 26.09 | ng | | 92 |
| 8) 2-Chlorophenol | 7.19 | 128 | 288645 | 42.31 | ng | | 91 |
| 9) Benzaldehyde | 6.86 | 77 | 35058 | 8.59 | ng | | 97 |
| 10) Phenol | 7.08 | 94 | 357759 | 44.32 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 7.15 | 93 | 272218 | 41.66 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 7.40 | 146 | 300976 | 40.45 | ng | # | 96 |
| 13) 1,4-Dichlorobenzene | 7.53 | 146 | 307896 | 40.30 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.76 | 146 | 293985 | 41.60 | ng | | 97 |
| 15) Benzyl Alcohol | 7.82 | 79 | 240956 | 44.71 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.01 | 45 | 551734 | 37.53 | ng | | 97 |
| 17) 2-Methylphenol | 8.02 | 107 | 234671 | 42.92 | ng | # | 87 |
| 18) Hexachloroethane | 8.28 | 117 | 118180 | 41.47 | ng | # | 91 |
| 19) n-Nitroso-di-n-propylamine | 8.23 | 70 | 231816 | 42.05 | ng | # | 72 |
| 20) 3+4-Methylphenols | 8.28 | 107 | 295143 | 44.65 | ng | # | 59 |
| 22) Acetophenone | 8.19 | 105 | 413237 | 43.62 | ng | # | 98 |
| 24) Nitrobenzene | 8.46 | 77 | 333510 | 40.15 | ng | | 96 |
| 25) Isophorone | 8.84 | 82 | 569645 | 40.37 | ng | | 98 |
| 26) 2-Nitrophenol | 8.96 | 139 | 147143 | 43.34 | ng | # | 74 |
| 27) 2,4-Dimethylphenol | 9.11 | 122 | 260311 | 44.17 | ng | | 89 |
| 28) bis(2-Chloroethoxy)methane | 9.23 | 93 | 342665 | 43.11 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.38 | 162 | 232402 | 43.75 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.46 | 180 | 248946 | 40.94 | ng | | 97 |
| 31) Naphthalene | 9.56 | 128 | 829661 | 41.75 | ng | | 99 |
| 32) Benzoic acid | 9.43 | 122 | 122179 | 41.20 | ng | # | 79 |
| 33) 4-Chloroaniline | 9.74 | 127 | 97391 | 13.31 | ng | # | 93 |
| 34) Hexachlorobutadiene | 9.78 | 225 | 143233 | 38.75 | ng | | 99 |
| 35) Caprolactam | 10.33 | 113 | 41576 | 26.82 | ng | # | 58 |
| 36) 4-Chloro-3-methylphenol | 10.59 | 107 | 273427 | 45.53 | ng | | 94 |
| 37) 2-Methylnaphthalene | 10.70 | 142 | 537704 | 43.32 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.97 | 216 | 232389 | 39.32 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 10.95 | 237 | 170925 | 71.42 | ng | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087426.D
Acq On : 27 May 2016 1:17
Operator : UM/SJ
Sample : PB90917BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB90917BS

Quant Time: May 27 03:19:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 11.20 | 196 | 137973 | 40.44 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 11.29 | 196 | 141018 | 40.59 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 11.46 | 154 | 656117 | 42.20 | ng | | 97 |
| 46) 2-Chloronaphthalene | 11.48 | 162 | 495816 | 41.69 | ng | | 97 |
| 47) 2-Nitroaniline | 11.70 | 65 | 201662 | 47.06 | ng | # | 81 |
| 48) Acenaphthylene | 12.14 | 152 | 793677 | 42.15 | ng | | 99 |
| 49) Dimethylphthalate | 12.02 | 163 | 619483 | 41.88 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 12.11 | 165 | 129978 | 43.61 | ng | # | 80 |
| 51) Acenaphthene | 12.42 | 154 | 488963 | 42.25 | ng | | 98 |
| 52) 3-Nitroaniline | 12.39 | 138 | 66837 | 21.85 | ng | | 89 |
| 53) 2,4-Dinitrophenol | 12.58 | 184 | 121704 | 79.80 | ng | # | 82 |
| 54) Dibenzofuran | 12.71 | 168 | 736210 | 46.98 | ng | | 95 |
| 55) 4-Nitrophenol | 12.78 | 139 | 113529 | 77.81 | ng | # | 39 |
| 56) 2,4-Dinitrotoluene | 12.78 | 165 | 182114 | 45.72 | ng | # | 90 |
| 57) Fluorene | 13.26 | 166 | 586522 | 43.17 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 12.95 | 232 | 126258 | 47.24 | ng | | 99 |
| 59) Diethylphthalate | 13.17 | 149 | 605192 | 42.08 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 13.29 | 204 | 273620 | 41.29 | ng | | 90 |
| 61) 4-Nitroaniline | 13.38 | 138 | 123200 | 43.15 | ng | # | 64 |
| 62) Azobenzene | 13.54 | 77 | 718720 | 48.18 | ng | | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 13.44 | 198 | 93104 | 40.28 | ng | # | 64 |
| 65) n-Nitrosodiphenylamine | 13.50 | 169 | 502767 | 42.77 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 14.07 | 248 | 158900 | 39.96 | ng | | 96 |
| 67) Hexachlorobenzene | 14.14 | 284 | 165774 | 39.86 | ng | # | 64 |
| 68) Atrazine | 14.42 | 200 | 149624 | 39.93 | ng | | 93 |
| 69) Pentachlorophenol | 14.51 | 266 | 79810 | 63.15 | ng | | 99 |
| 70) Phenanthrene | 14.81 | 178 | 856905 | 42.56 | ng | | 99 |
| 71) Anthracene | 14.89 | 178 | 880053 | 43.26 | ng | | 99 |
| 72) Carbazole | 15.18 | 167 | 778038 | 44.85 | ng | | 98 |
| 73) Di-n-butylphthalate | 15.76 | 149 | 921953 | 41.09 | ng | | 99 |
| 74) Fluoranthene | 16.56 | 202 | 879550 | 43.56 | ng | | 97 |
| 76) Benzidine | 16.80 | 184 | 136184 | 18.58 | ng | | 97 |
| 77) Pyrene | 16.87 | 202 | 885308 | 43.17 | ng | | 99 |
| 79) Butylbenzylphthalate | 17.78 | 149 | 373328 | 41.05 | ng | # | 73 |
| 80) Benzo(a)anthracene | 18.45 | 228 | 708327 | 43.71 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 18.43 | 252 | 123146 | 13.75 | ng | | 99 |
| 82) Chrysene | 18.49 | 228 | 693451 | 43.11 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 18.53 | 149 | 490275 | 36.94 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 19.30 | 149 | 726113 | 35.88 | ng | # | 87 |
| 85) Indeno(1,2,3-cd)pyrene | 21.35 | 276 | 507443 | 39.35 | ng | | 94 |
| 87) Benzo(b)fluoranthene | 19.73 | 252 | 563392 | 42.80 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 19.73 | 252 | 563392 | 49.73 | ng | # | 96 |
| 89) Benzo(a)pyrene | 20.07 | 252 | 504582 | 44.32 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 21.36 | 278 | 426312 | 43.91 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 21.70 | 276 | 419239 | 43.76 | ng | # | 90 |

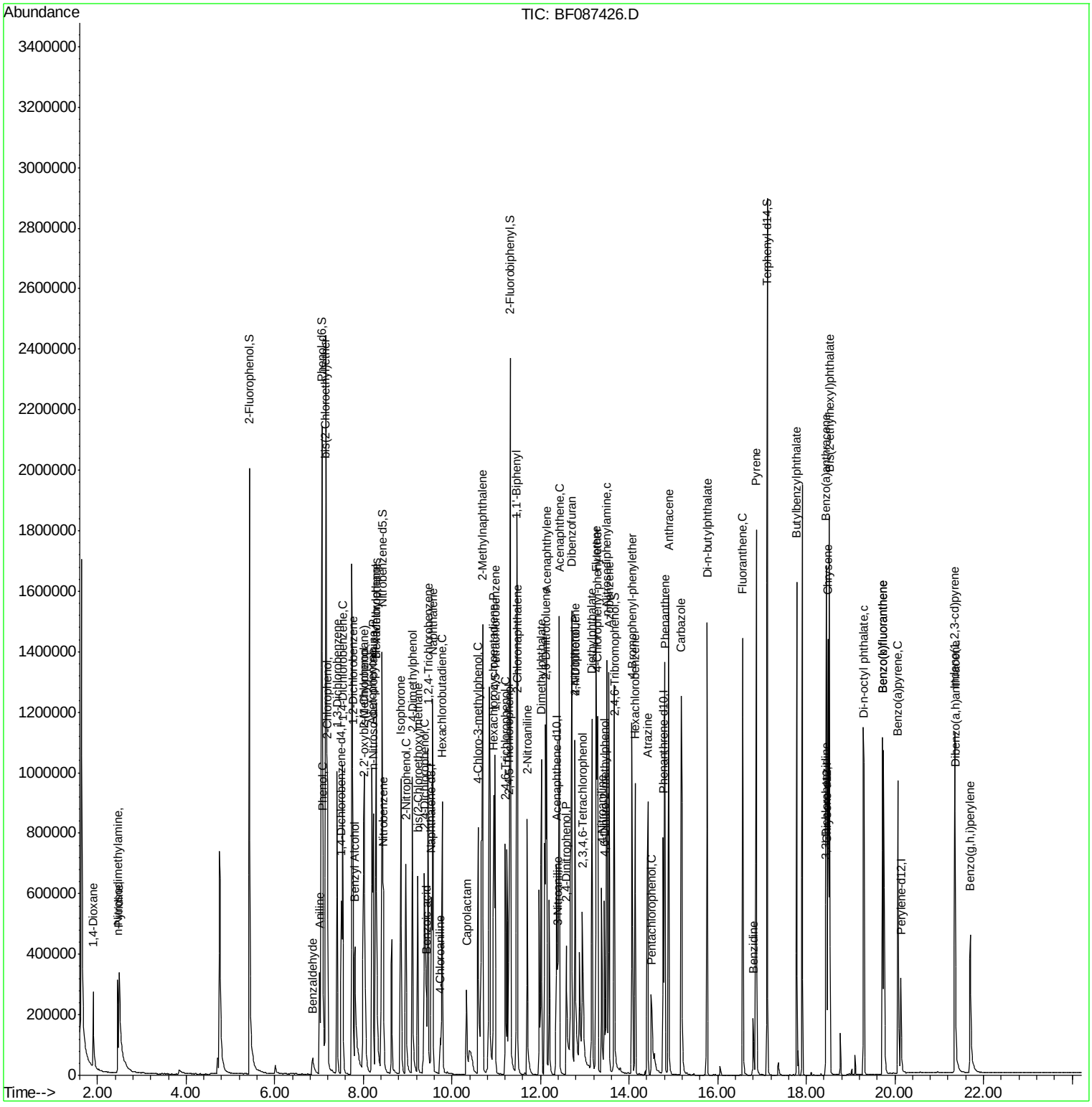
(#) = qualifier out of range (m) = manual integration (+) = signals summed

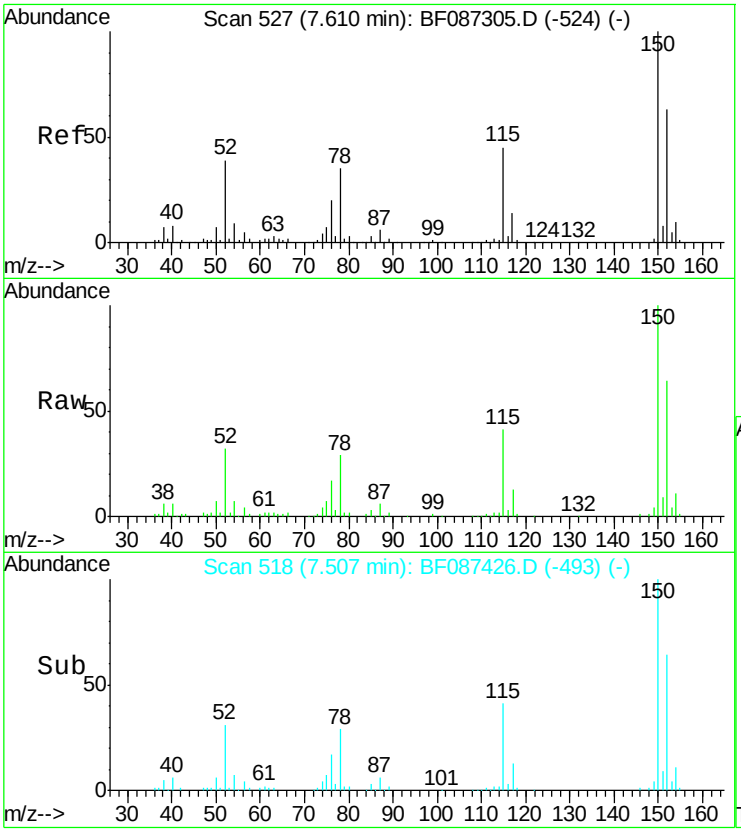
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087426.D
Acq On : 27 May 2016 1:17
Operator : UM/SJ
Sample : PB90917BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Quant Time: May 27 03:19:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



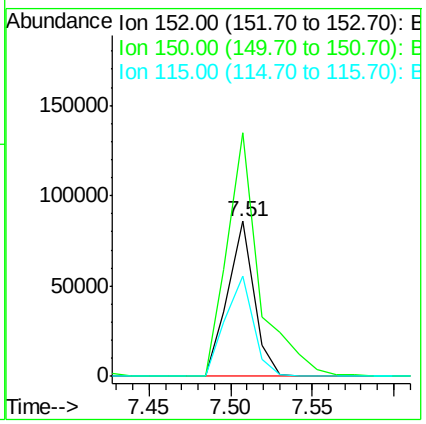


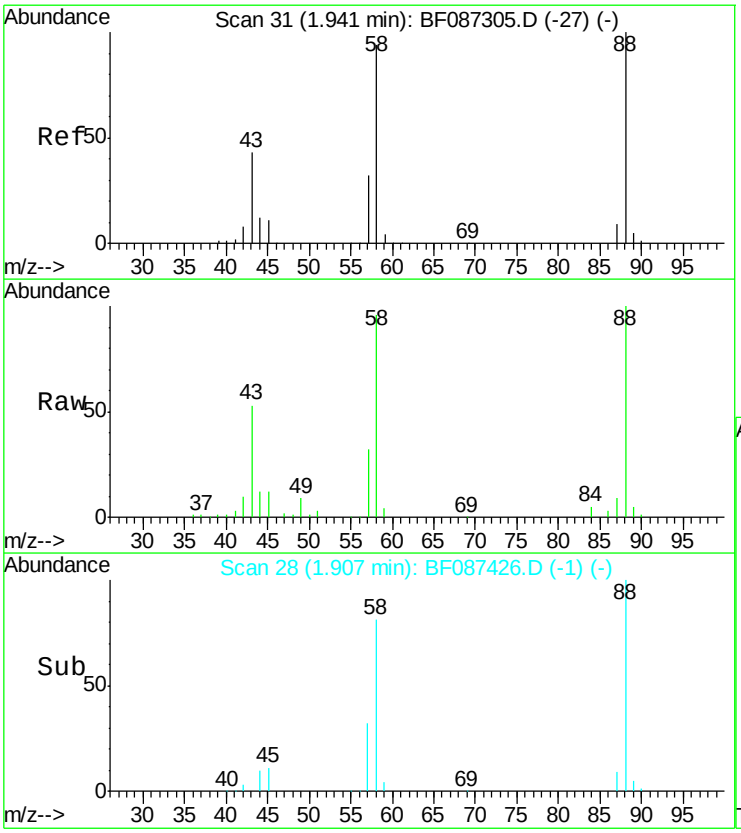

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:152 Resp: 96131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.2 | 125.8 | 188.6 |
| 115 | 64.8 | 51.5 | 77.3 |

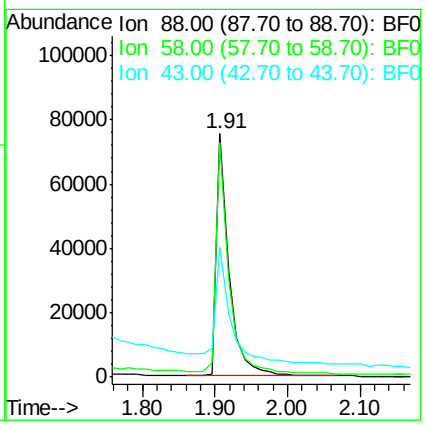


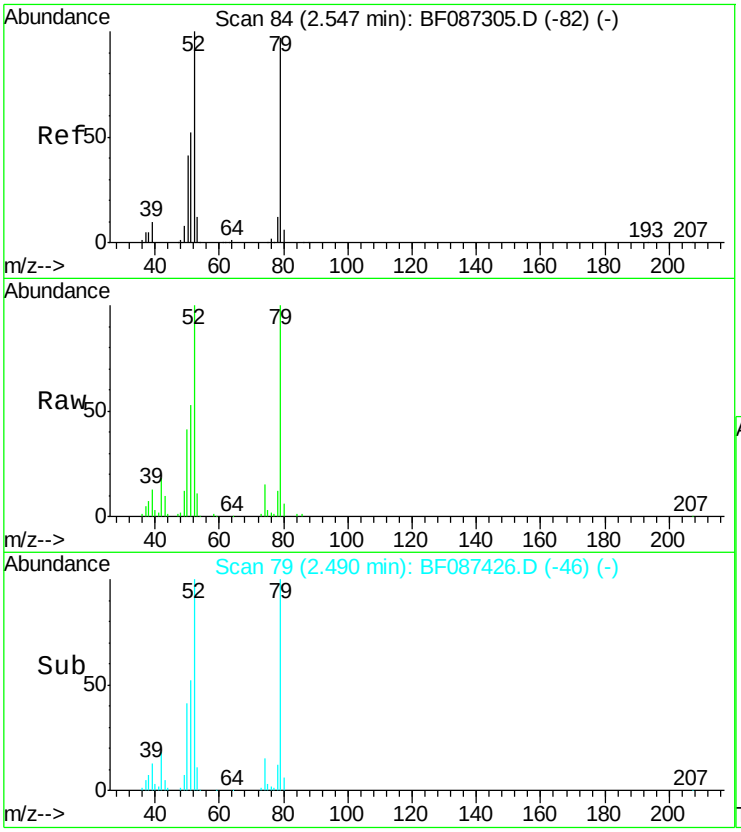




#2
1,4-Dioxane
Concen: 31.50 ng
RT: 1.91 min Scan# 28
Delta R.T. 0.09 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 88 Resp: 90933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.0 | 59.6 | 89.4# |
| 43 | 58.0 | 21.8 | 32.6# |



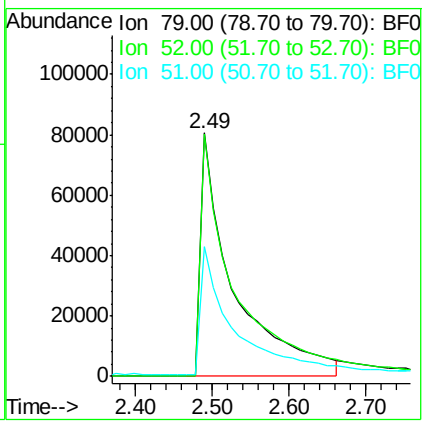


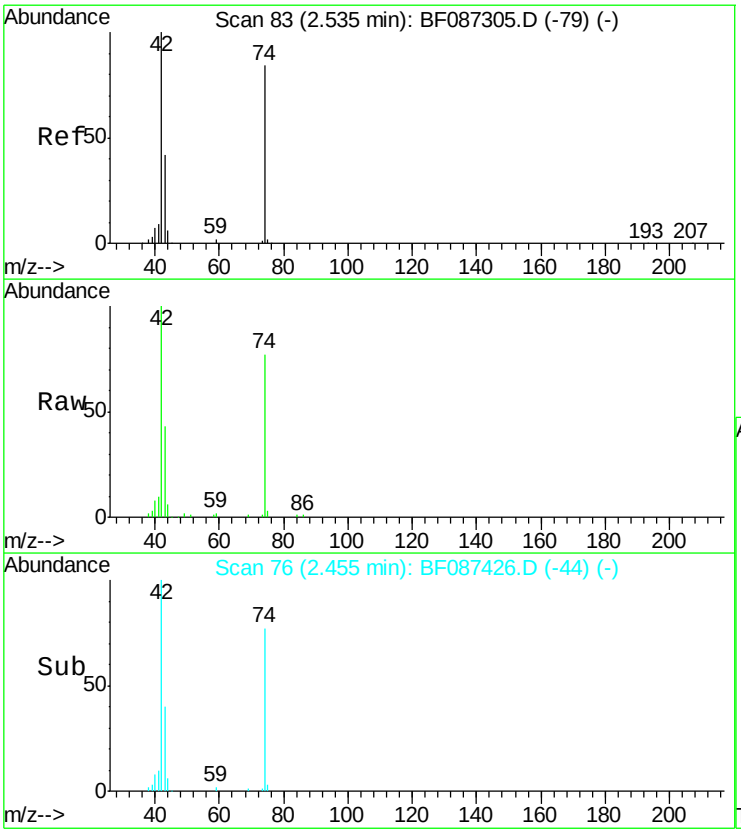

#3
Pyridine
Concen: 38.37 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 79 Resp: 242120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 99.6 | 55.9 | 83.9# |
| 51 | 53.0 | 28.1 | 42.1# |

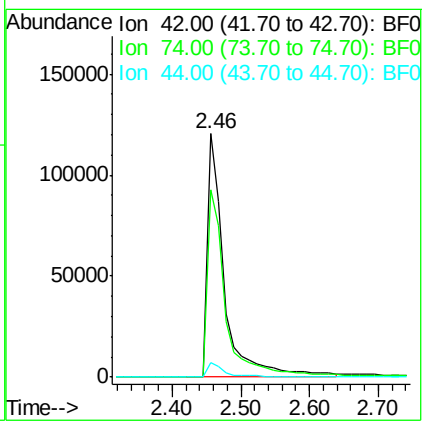


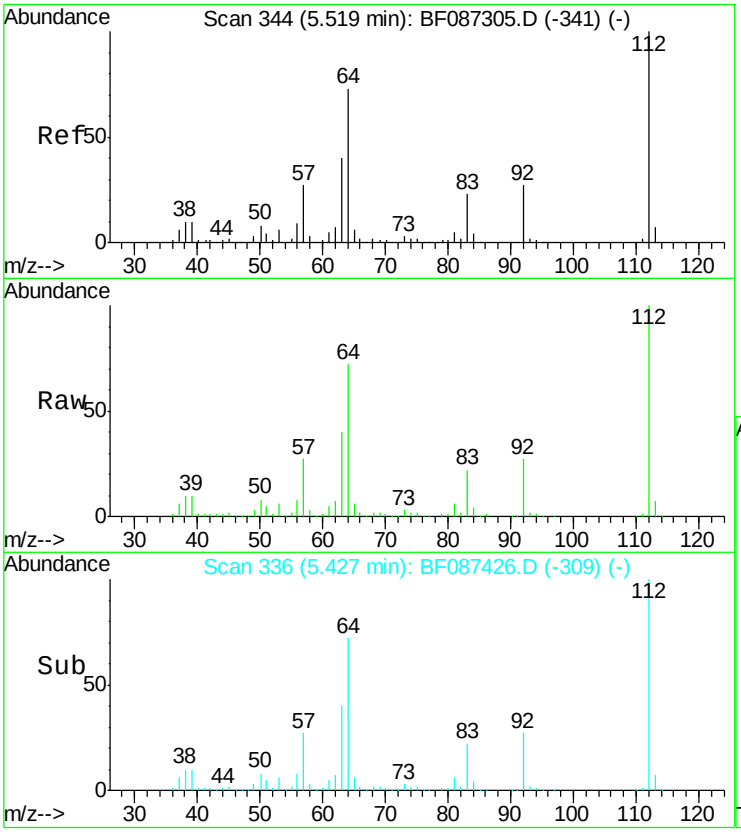




#4
n-Nitrosodimethylamine
Concen: 43.60 ng
RT: 2.46 min Scan# 76
Delta R.T. 0.07 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 42 Resp: 212021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 77.1 | 123.4 | 185.0# |
| 44 | 6.1 | 5.8 | 8.6 |



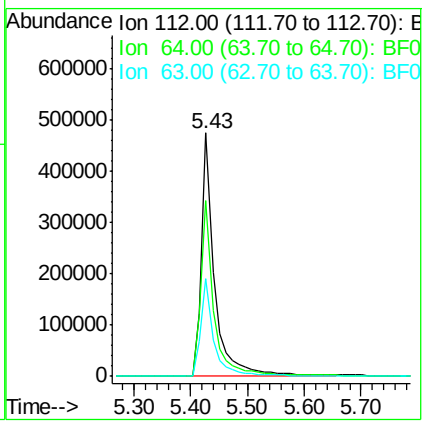


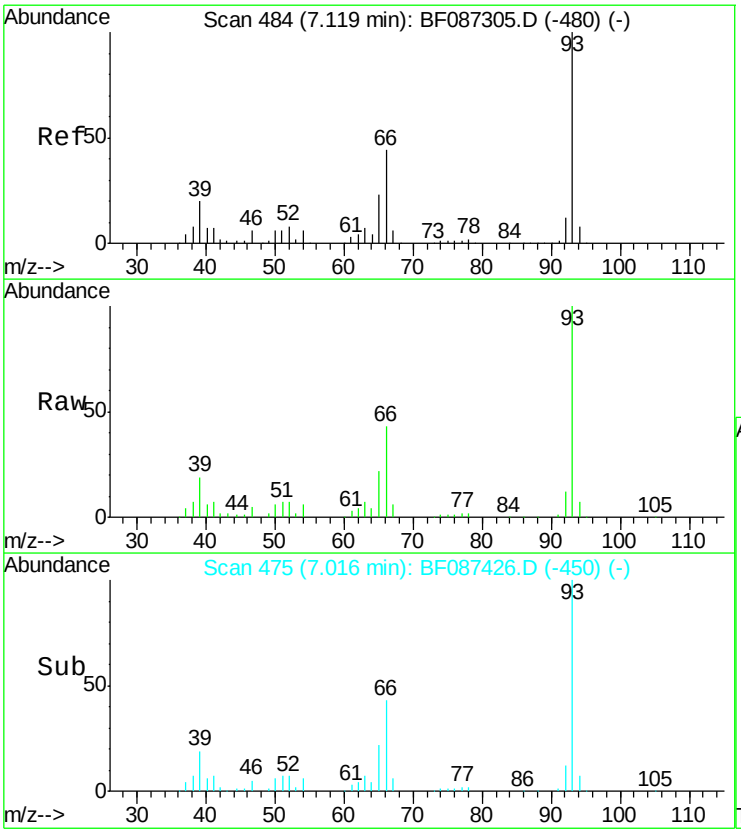

#5
2-Fluorophenol
Concen: 136.45 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:112 Resp: 746485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.0 | 52.1 | 78.1 |
| 63 | 40.3 | 25.7 | 38.5# |

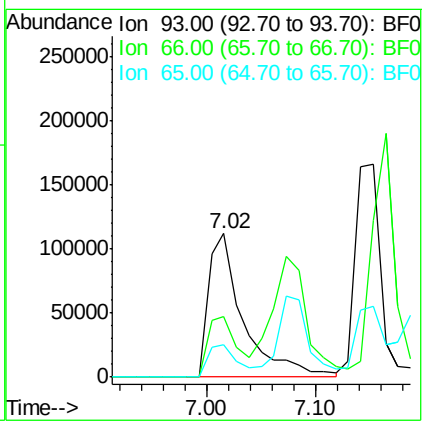


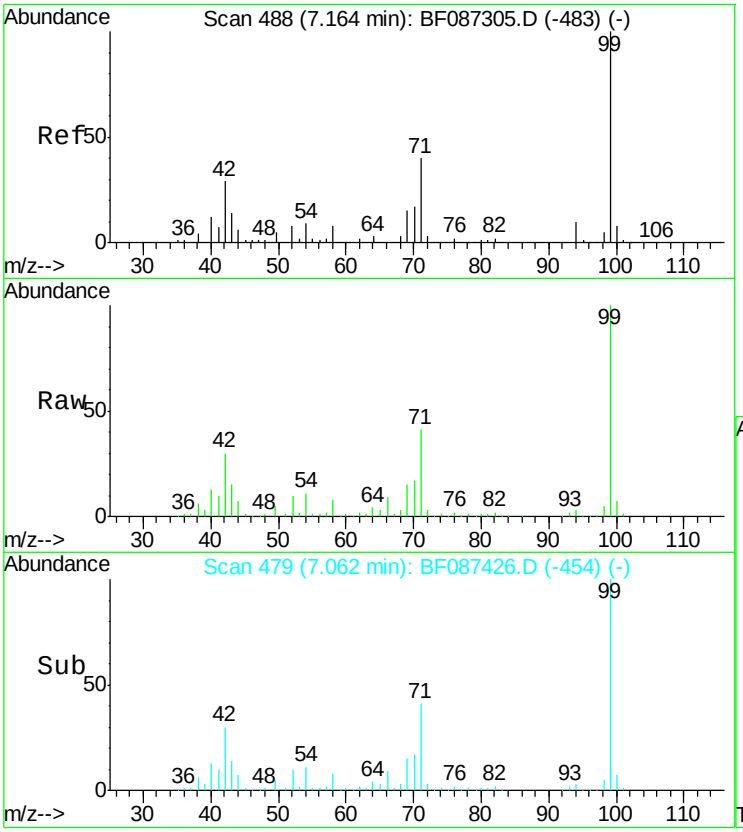




#6
Aniline
Concen: 26.09 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 93 Resp: 249546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.7 | 39.0 | 58.6 |
| 65 | 22.2 | 20.6 | 31.0 |



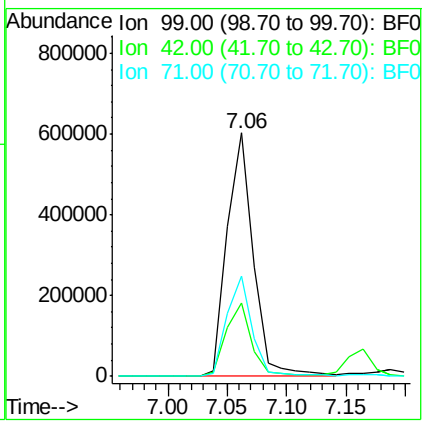


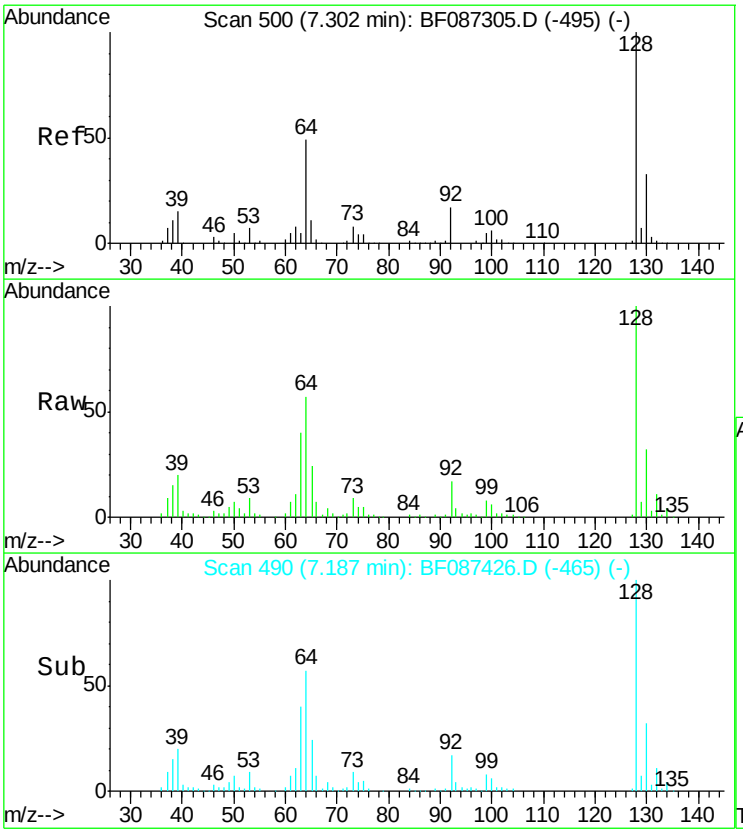

#7
Phenol-d6
Concen: 124.99 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 99 Resp: 923978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.2 | 13.6 | 20.4# |
| 71 | 41.3 | 24.6 | 36.8# |

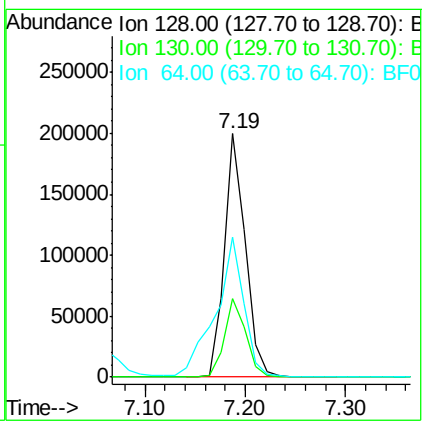


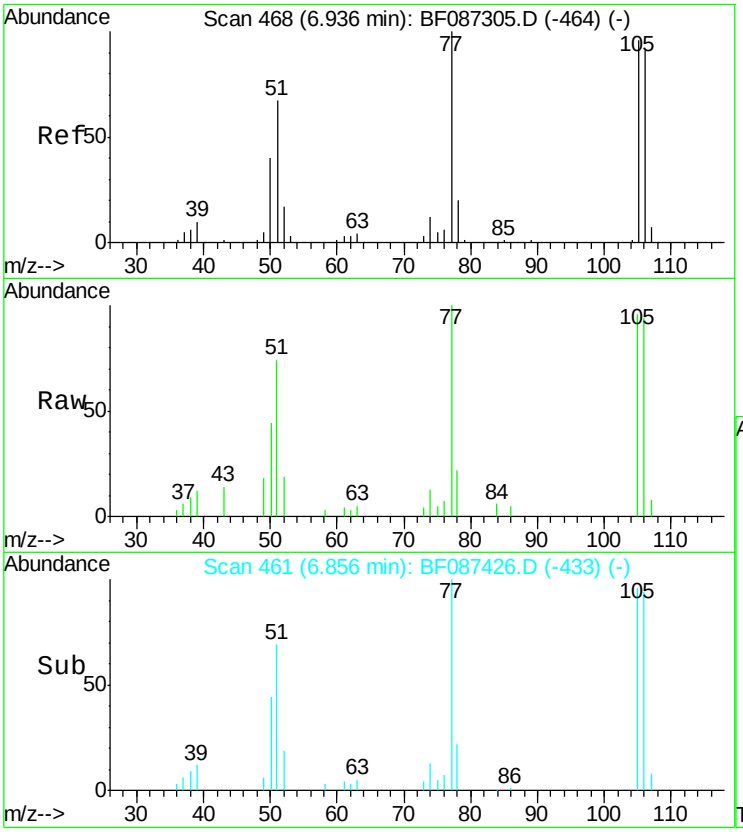




#8
2-Chlorophenol
Concen: 42.31 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:128 Resp: 288645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.2 | 12.5 | 52.5 |
| 64 | 57.3 | 27.3 | 67.3 |



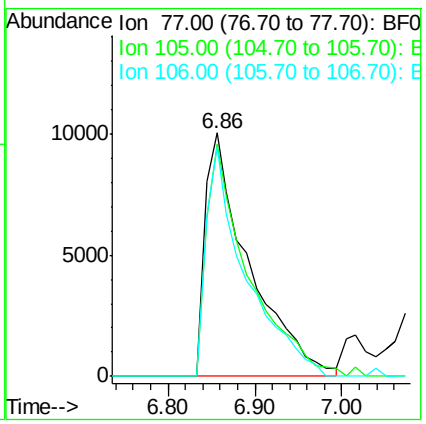


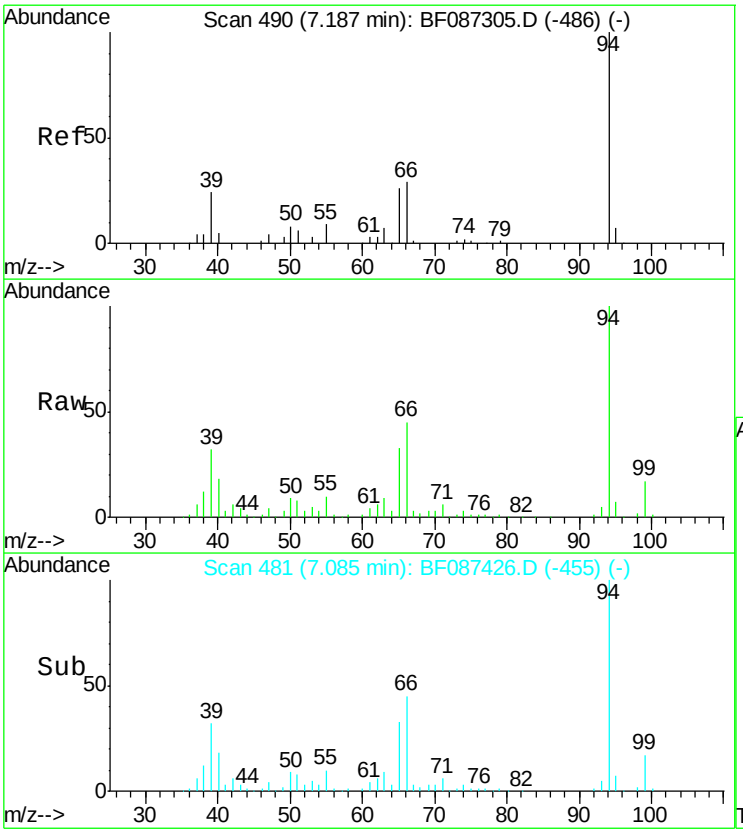

#9
Benzaldehyde
Concen: 8.59 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 77 Resp: 35058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.6 | 72.7 | 112.7 |
| 106 | 94.3 | 70.8 | 110.8 |

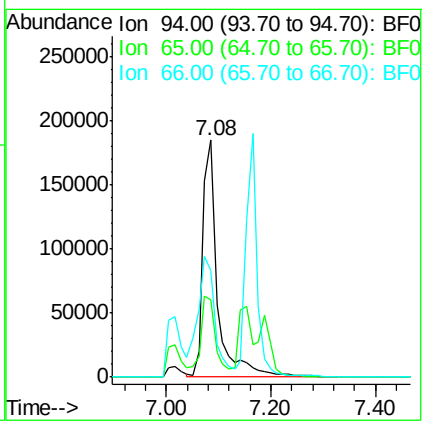


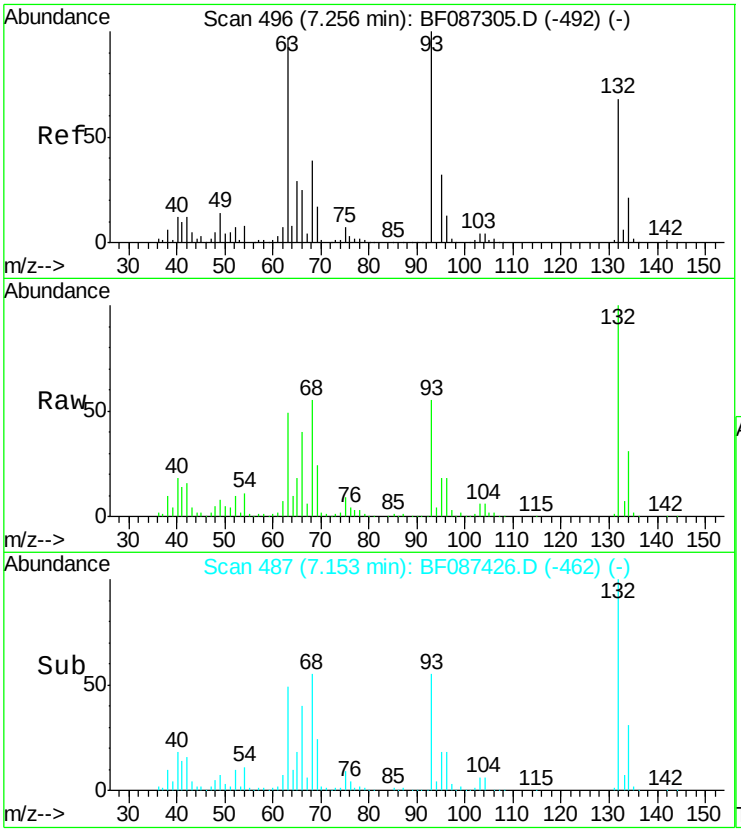




#10
Phenol
Concen: 44.32 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 94 Resp: 357759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.8 | 7.2 | 47.2 |
| 66 | 45.0 | 14.9 | 54.9 |



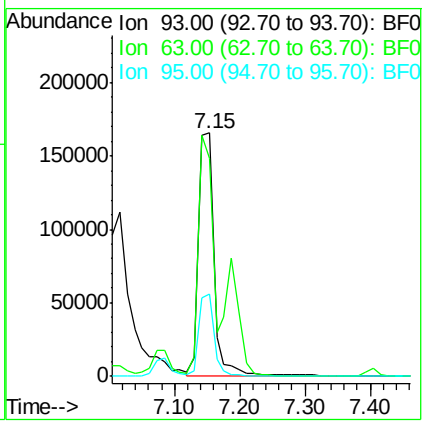


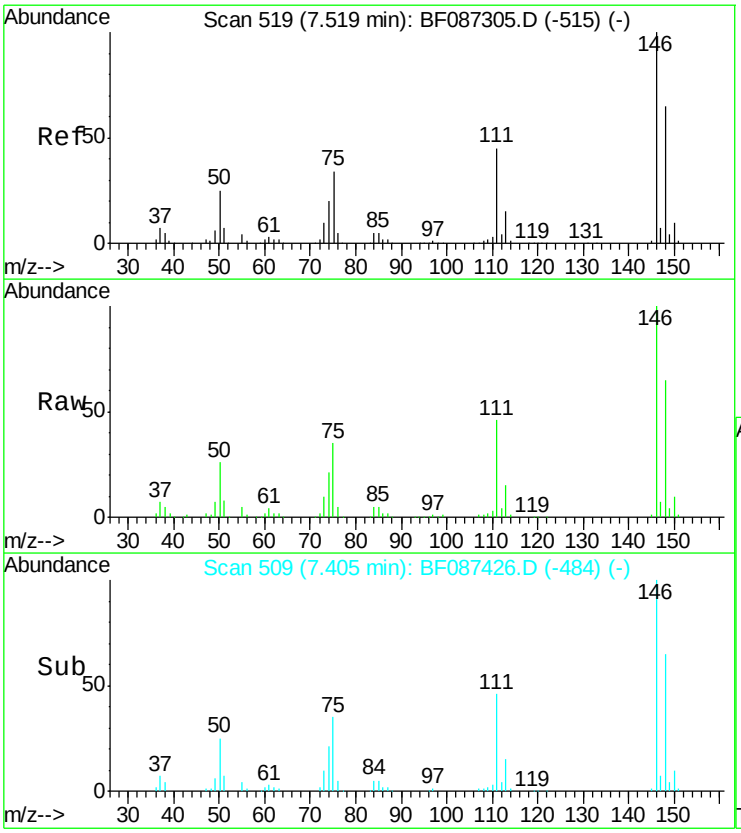

#11
bis(2-Chloroethyl)ether
Concen: 41.66 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 93 Resp: 272218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 89.8 | 58.0 | 98.0 |
| 95 | 33.6 | 11.9 | 51.9 |

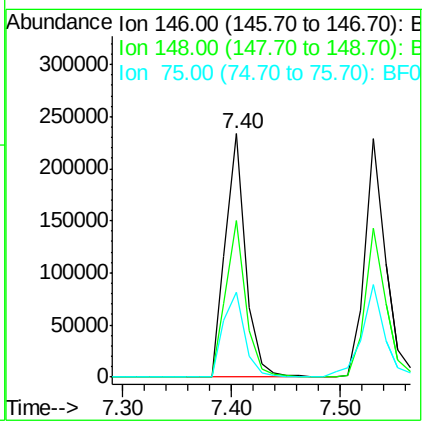


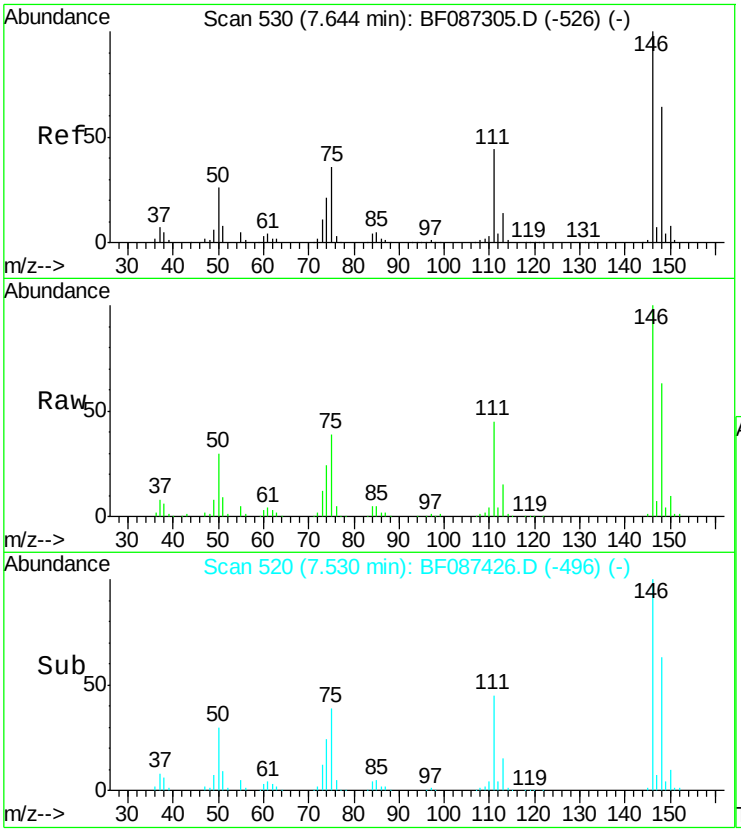




#12
1,3-Dichlorobenzene
Concen: 40.45 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:146 Resp: 300976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 52.4 | 78.6 |
| 75 | 34.7 | 22.8 | 34.2# |



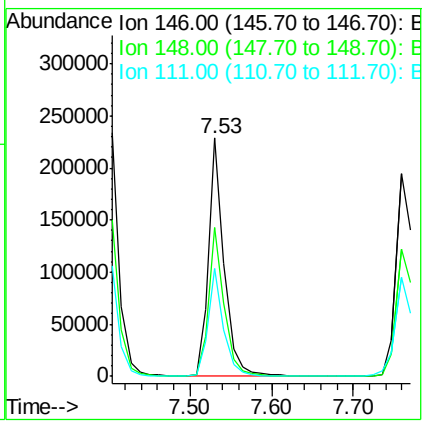


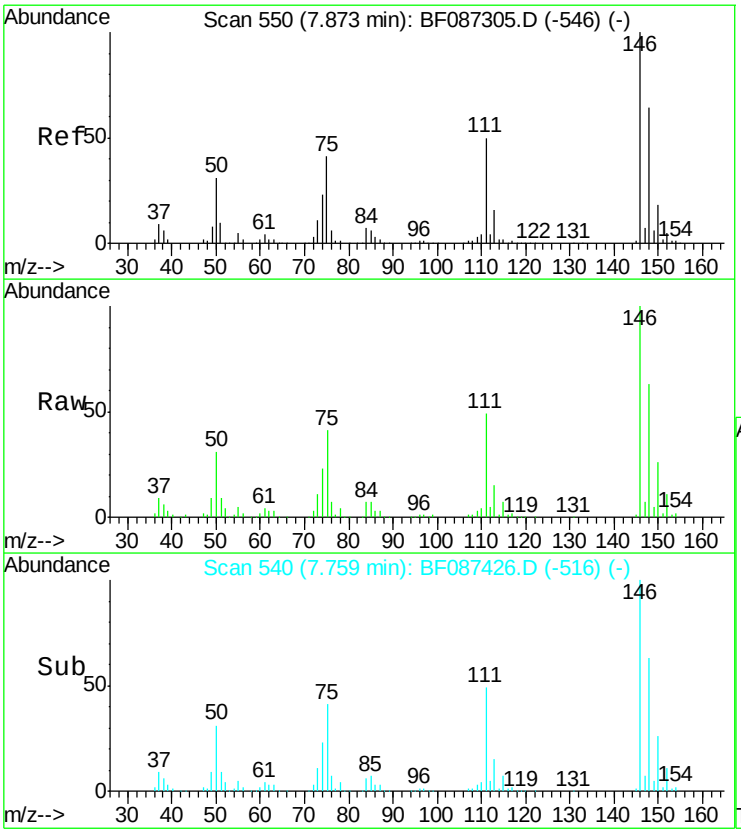

#13
1,4-Dichlorobenzene
Concen: 40.30 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:146 Resp: 307896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 52.2 | 78.4 |
| 111 | 45.2 | 30.7 | 46.1 |

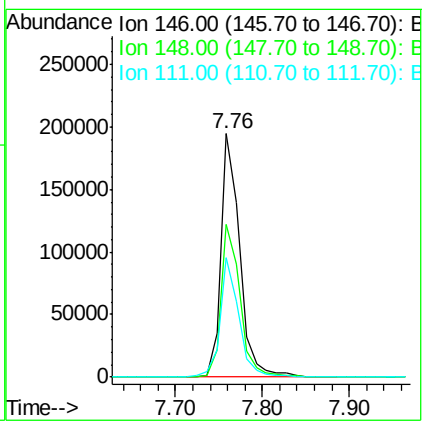


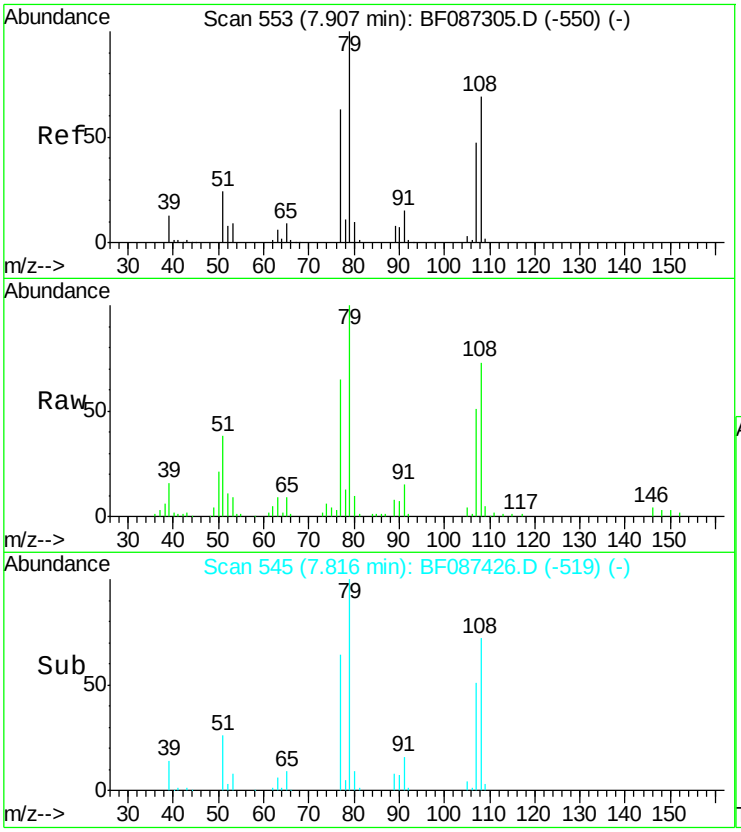




#14
1,2-Dichlorobenzene
Concen: 41.60 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:146 Resp: 293985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 51.0 | 76.6 |
| 111 | 48.8 | 36.2 | 54.4 |



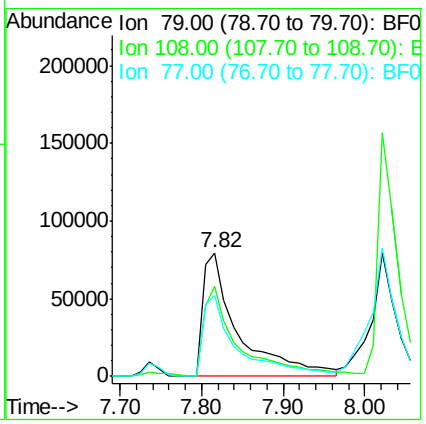


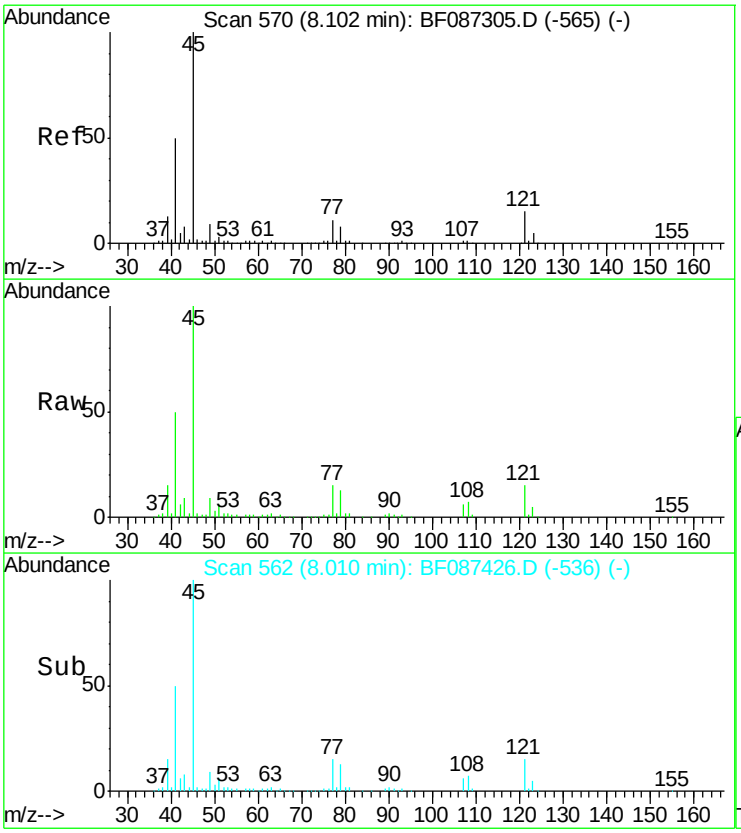

#15
Benzyl Alcohol
Concen: 44.71 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 79 Resp: 240956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.5 | 68.4 | 102.6 |
| 77 | 65.5 | 50.6 | 76.0 |

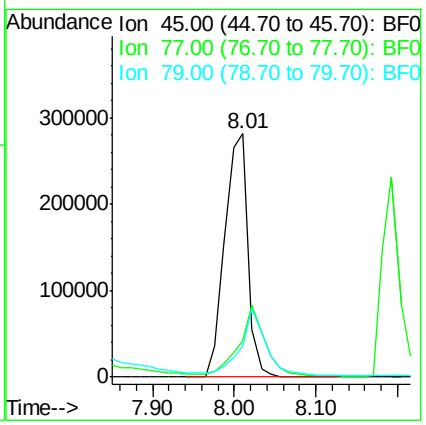


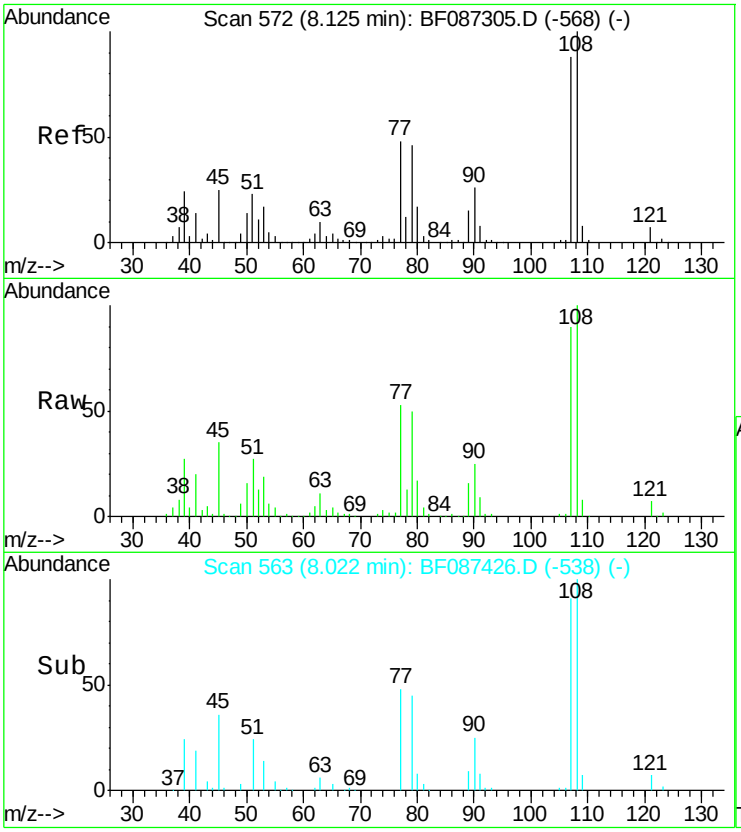




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.53 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 45 Resp: 551734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.8 | 0.0 | 36.4 |
| 79 | 12.8 | 0.0 | 33.4 |



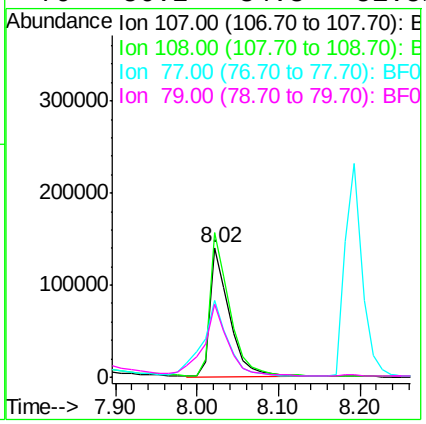


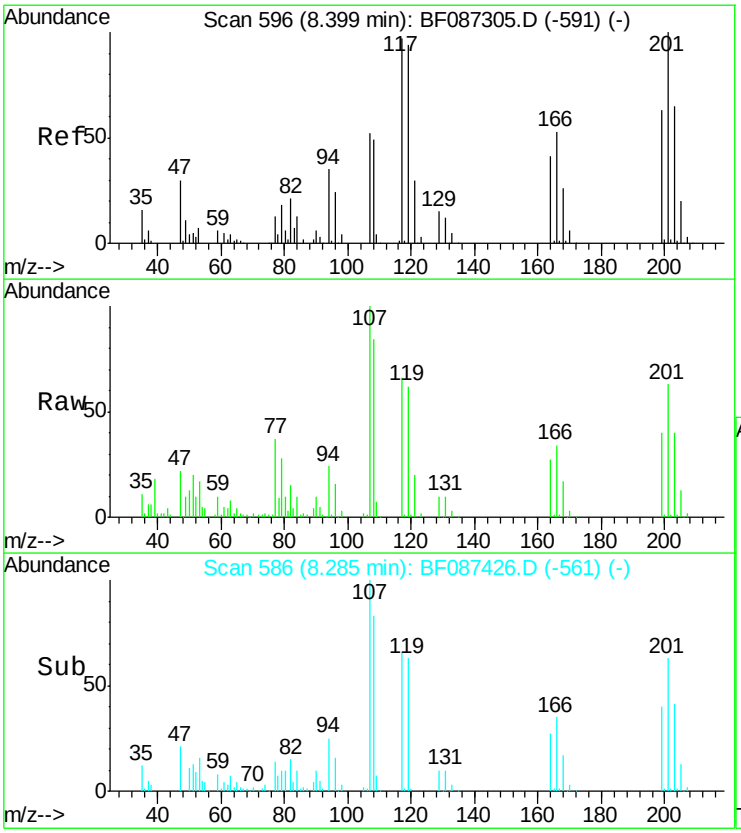

#17
2-Methylphenol
Concen: 42.92 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:107 Resp: 234671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.5 | 93.7 | 140.5 |
| 77 | 58.9 | 33.4 | 50.0# |
| 79 | 56.2 | 34.3 | 51.5# |

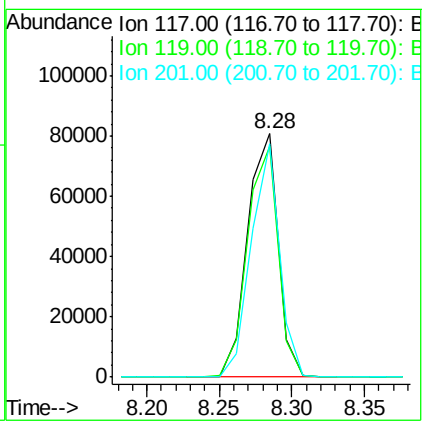


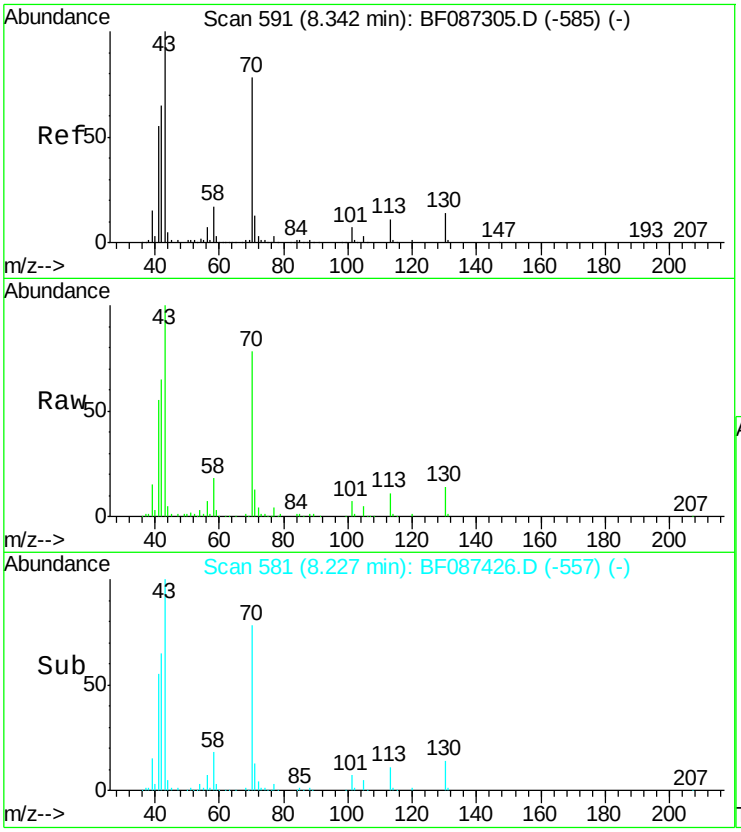




#18
Hexachloroethane
Concen: 41.47 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:117 Resp: 118180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.6 | 76.5 | 114.7 |
| 201 | 95.8 | 63.0 | 94.6# |



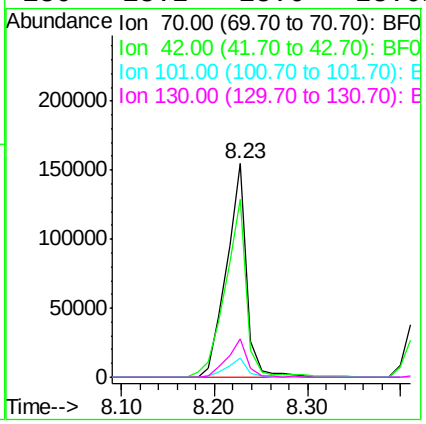


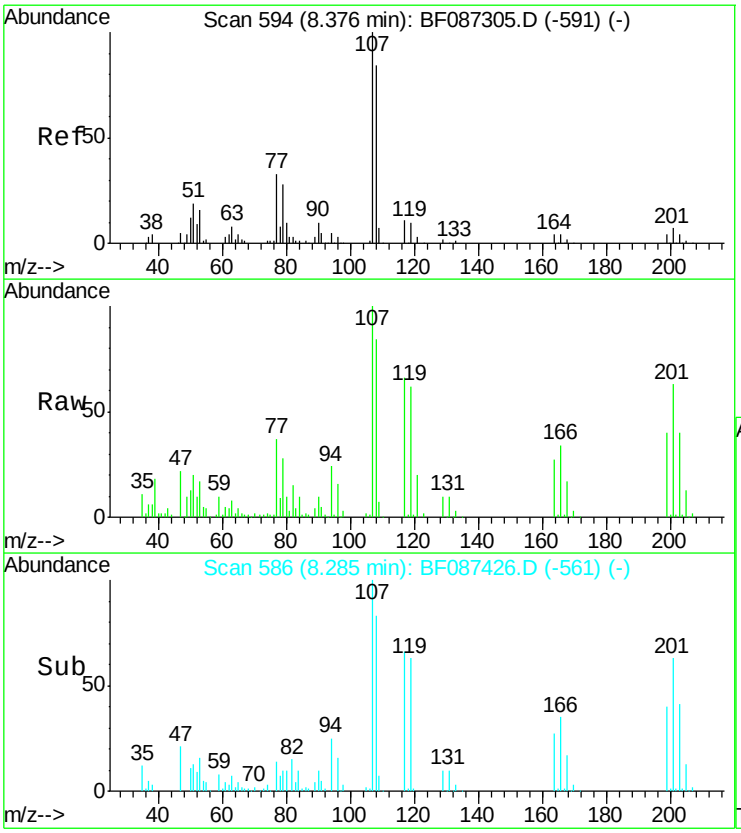

#19
n-Nitroso-di-n-propylamine
Concen: 42.05 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 70 Resp: 231816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 83.3 | 43.1 | 64.7# |
| 101 | 9.1 | 8.1 | 12.1 |
| 130 | 18.2 | 18.6 | 28.0# |

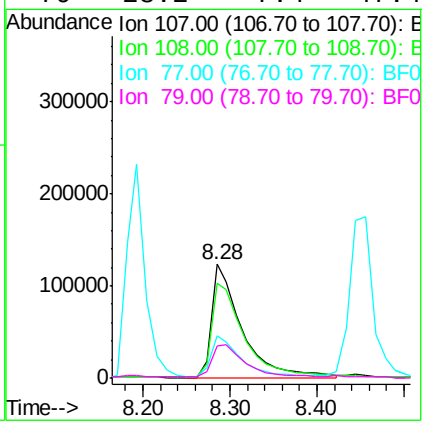


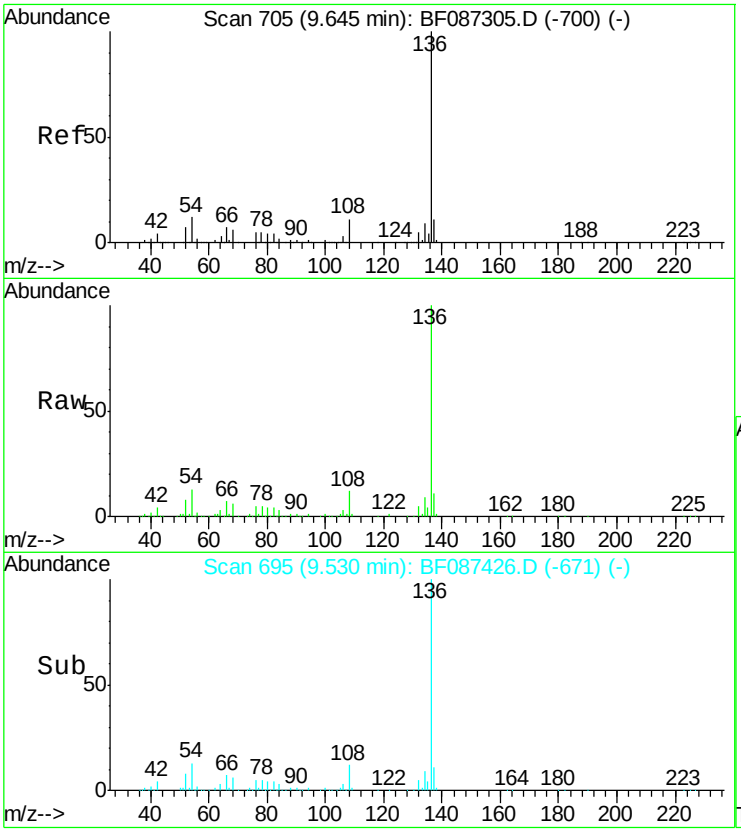




#20
3+4-Methylphenols
Concen: 44.65 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:107 Resp: 295143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.7 | 68.5 | 108.5 |
| 77 | 36.9 | 101.6 | 141.6# |
| 79 | 28.2 | 7.4 | 47.4 |



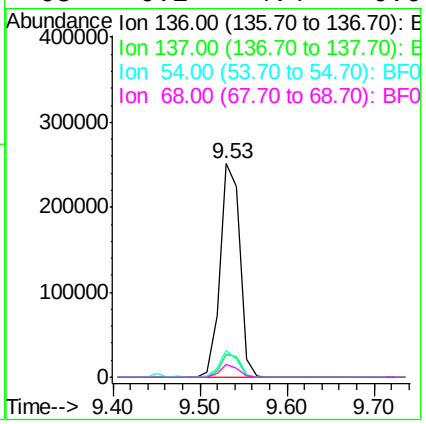


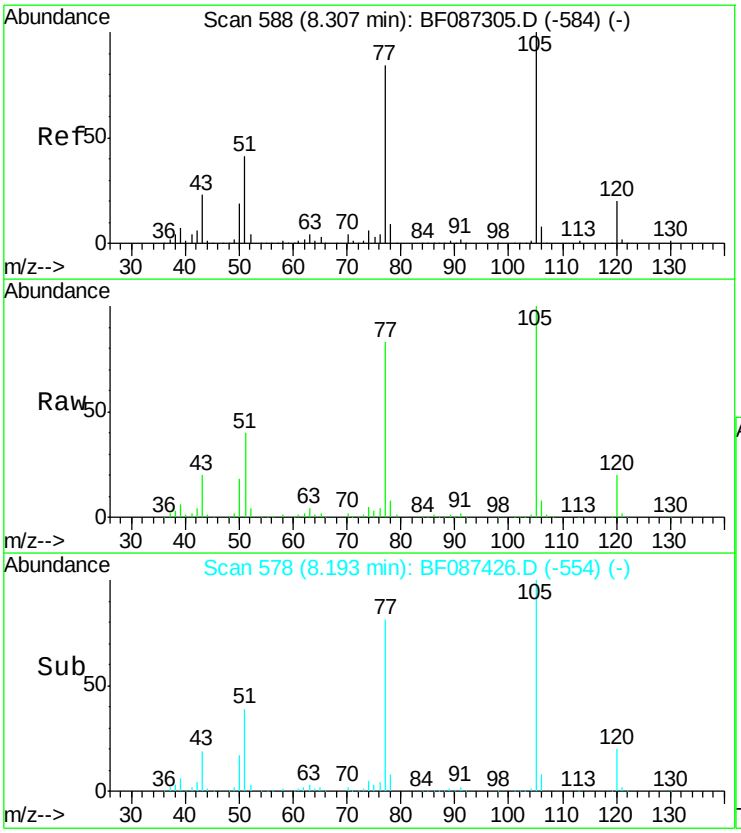

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:136 Resp: 396549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 12.7 | 5.0 | 7.4# |
| 68 | 6.2 | 4.4 | 6.6 |

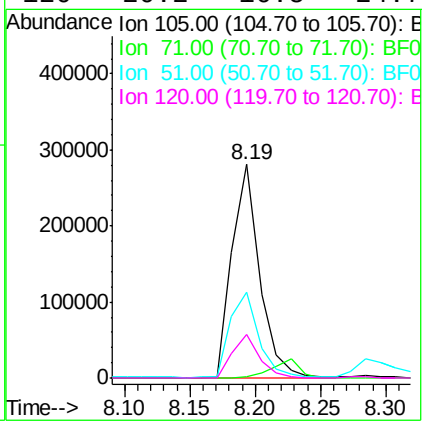


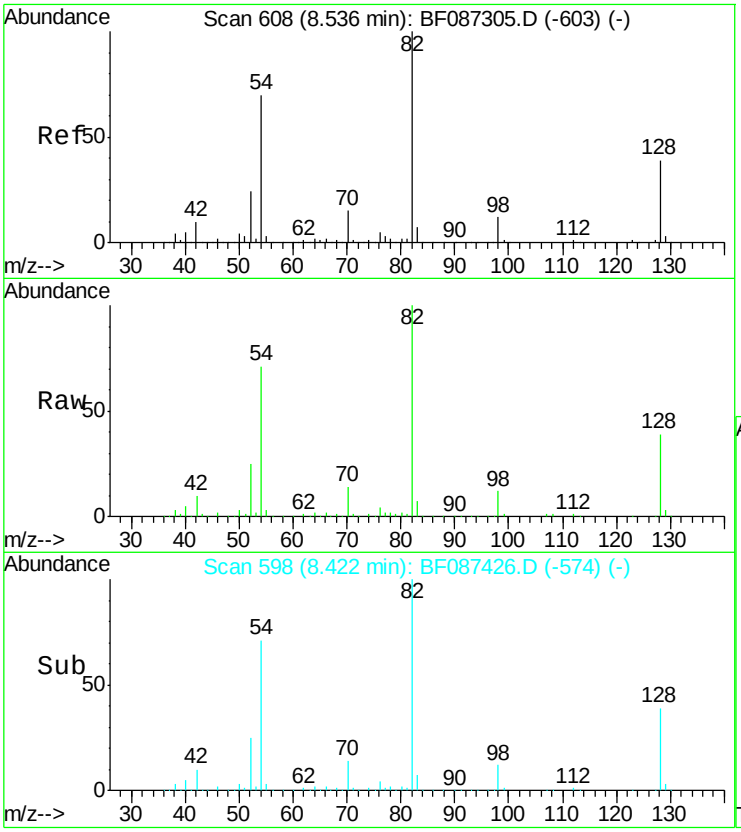




#22
Acetophenone
Concen: 43.62 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:105 Resp: 413237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.4 | 4.8 | 7.2# |
| 51 | 40.1 | 32.6 | 49.0 |
| 120 | 20.2 | 16.5 | 24.7 |



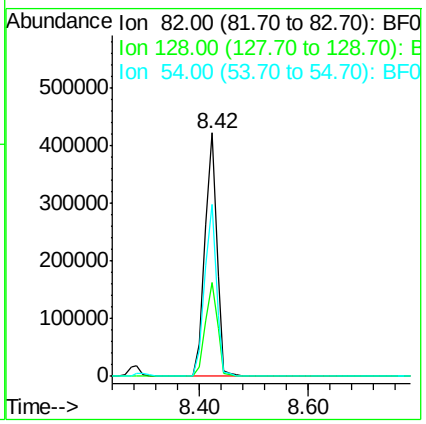


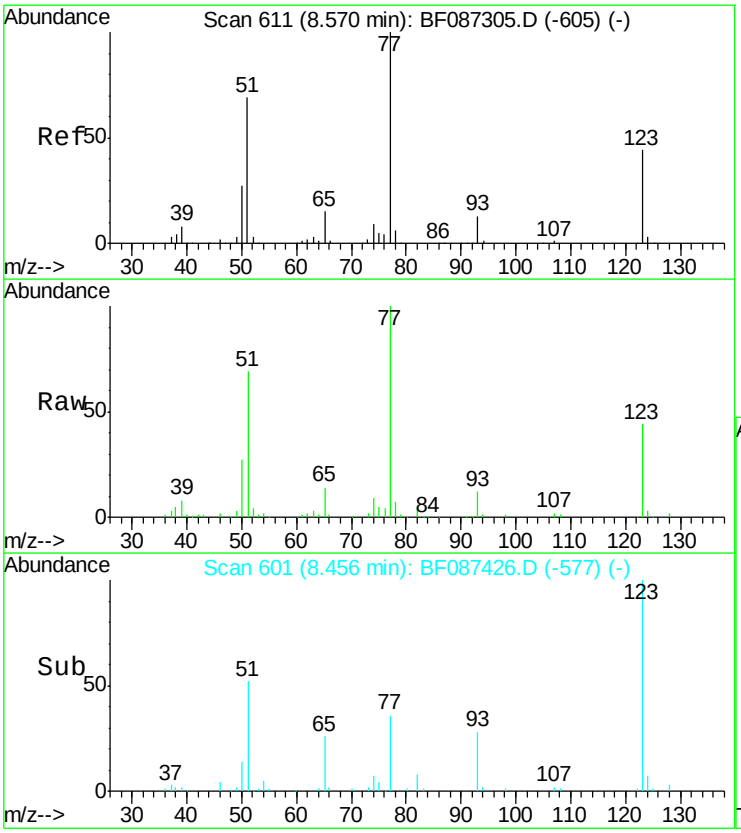

#23
Nitrobenzene-d5
Concen: 82.12 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 82 Resp: 646147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.5 | 40.6 | 61.0# |
| 54 | 70.5 | 38.1 | 57.1# |

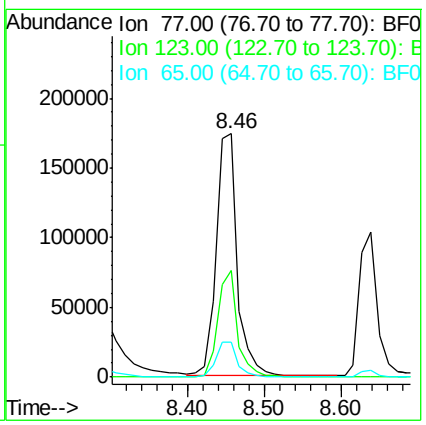


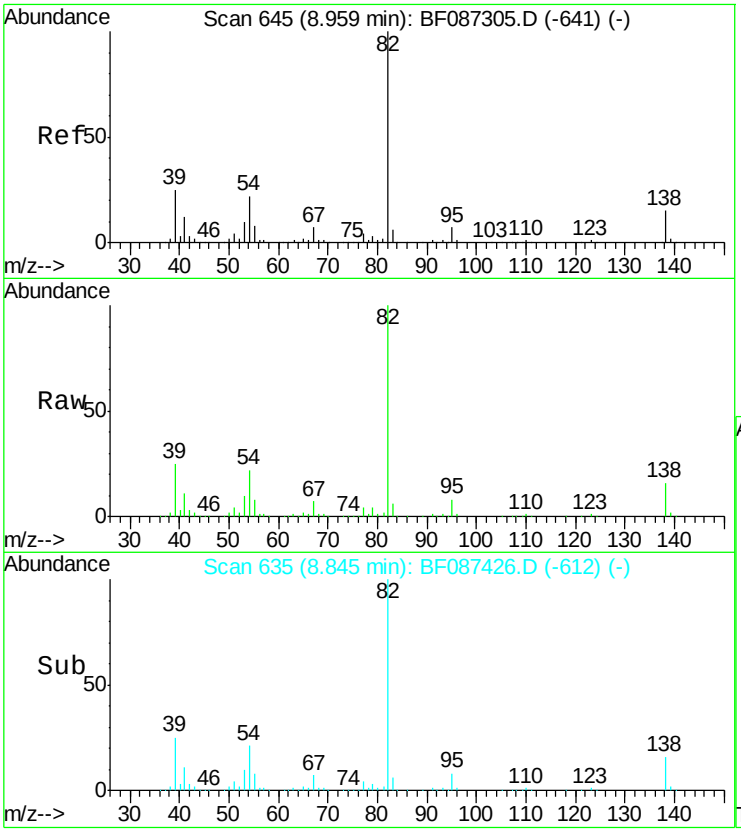




#24
Nitrobenzene
Concen: 40.15 ng
RT: 8.46 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 77 Resp: 333510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.0 | 33.0 | 49.4 |
| 65 | 14.2 | 10.8 | 16.2 |



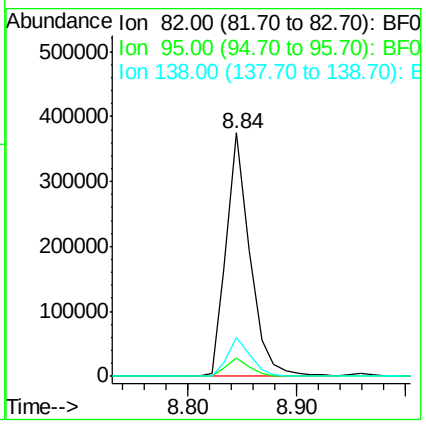


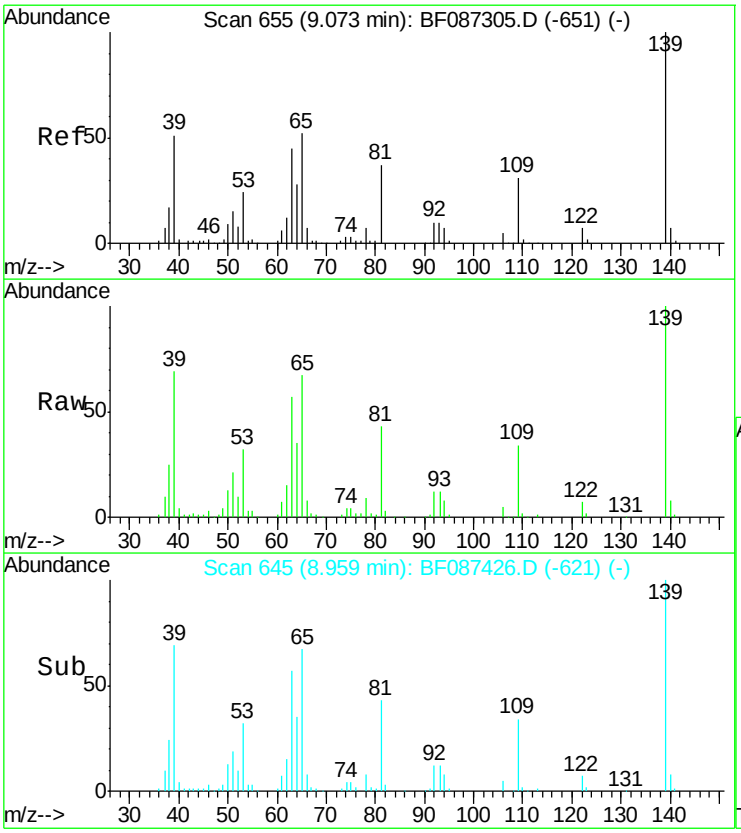

#25
Isophorone
Concen: 40.37 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 82 Resp: 569645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.7 | 5.1 | 7.7 |
| 138 | 15.8 | 12.4 | 18.6 |

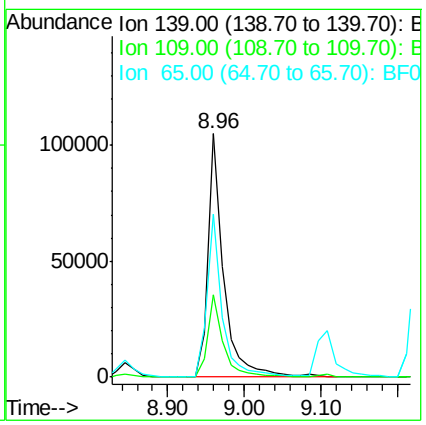


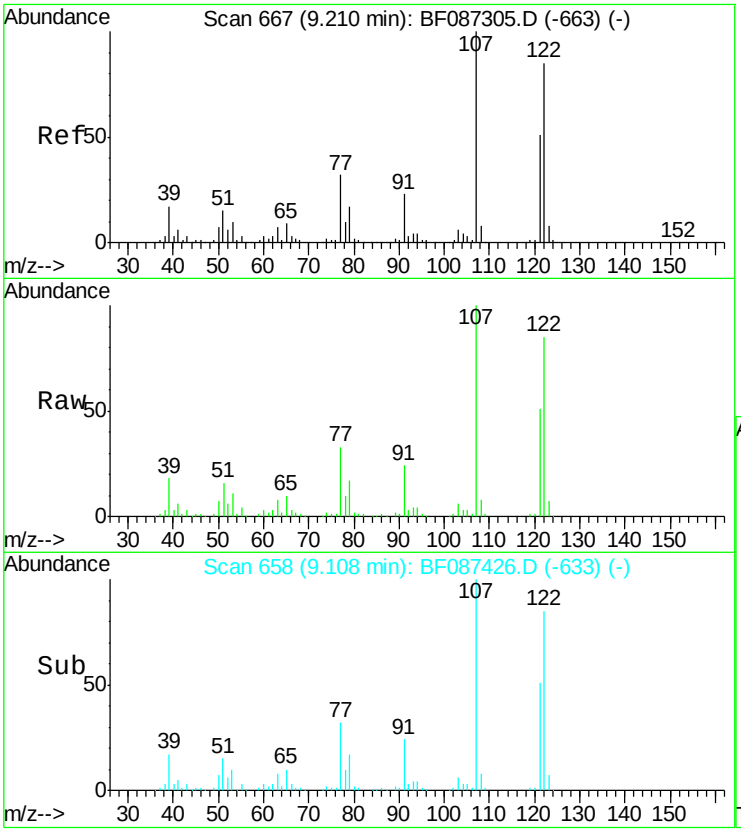




#26
2-Nitrophenol
Concen: 43.34 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:139 Resp: 147143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 33.6 | 19.5 | 29.3# |
| 65 | 66.7 | 37.5 | 56.3# |



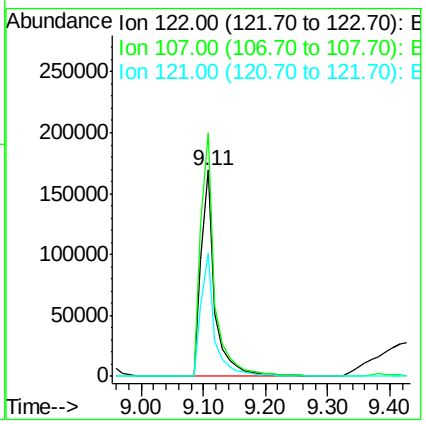


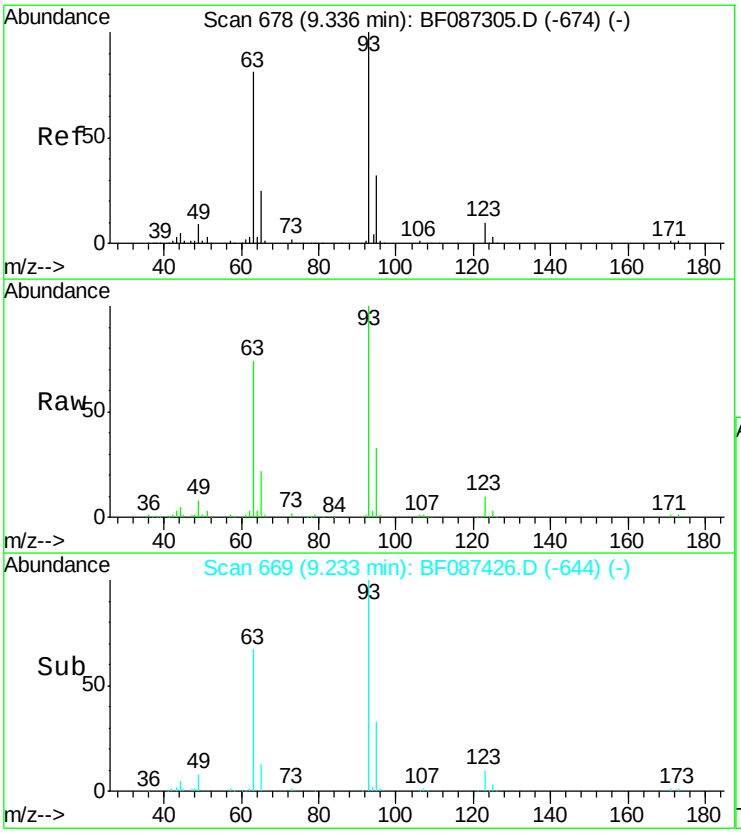

#27
2,4-Dimethylphenol
Concen: 44.17 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:122 Resp: 260311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.1 | 82.0 | 123.0 |
| 121 | 60.0 | 46.1 | 69.1 |

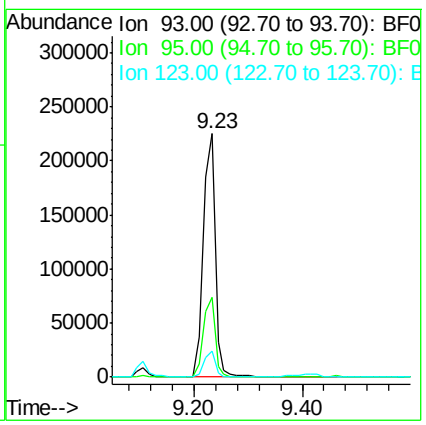


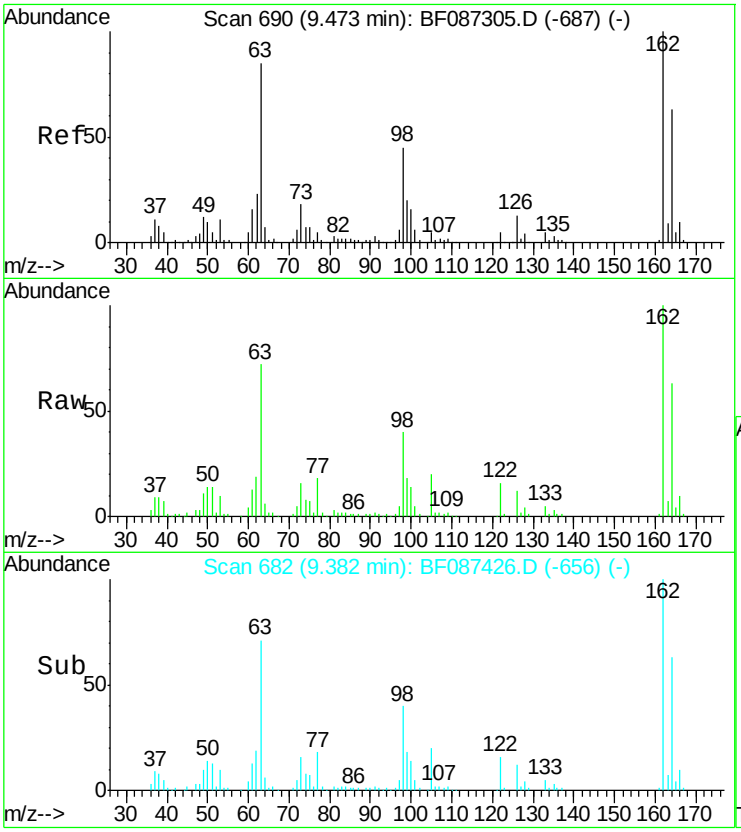




#28
bis(2-Chloroethoxy)methane
Concen: 43.11 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion: 93 Resp: 342665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.0 | 39.0 |
| 123 | 10.5 | 9.5 | 14.3 |



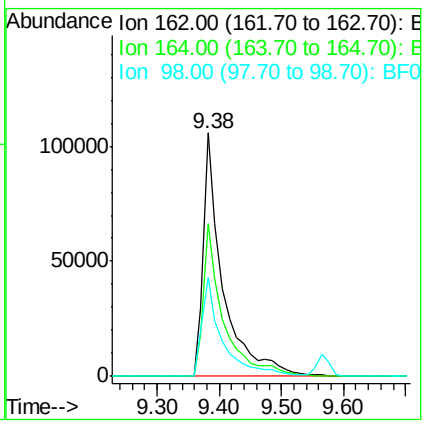


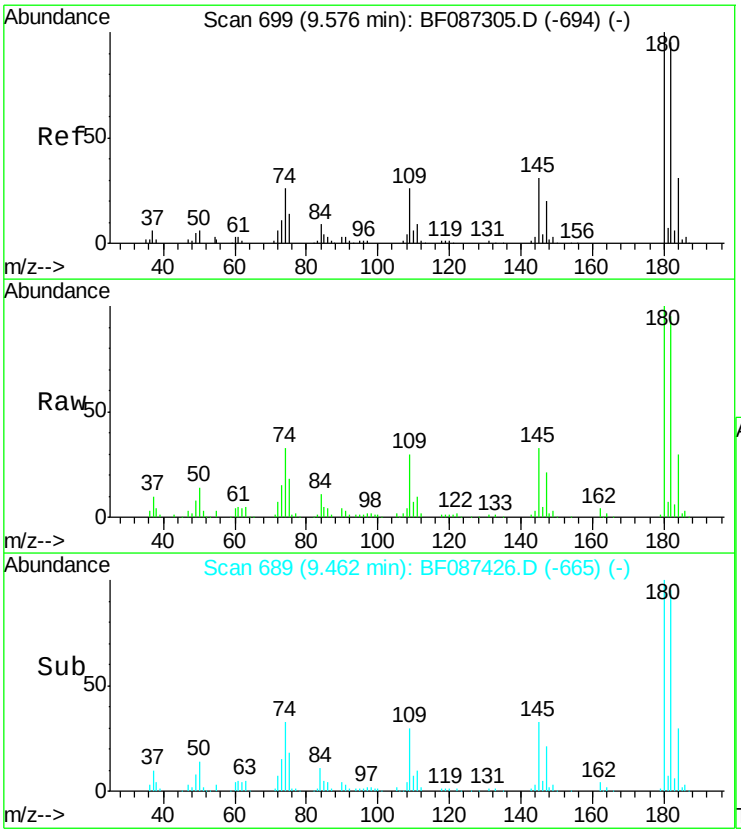

#29
2,4-Dichlorophenol
Concen: 43.75 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:162 Resp: 232402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.7 | 42.2 | 82.2 |
| 98 | 40.5 | 19.0 | 59.0 |

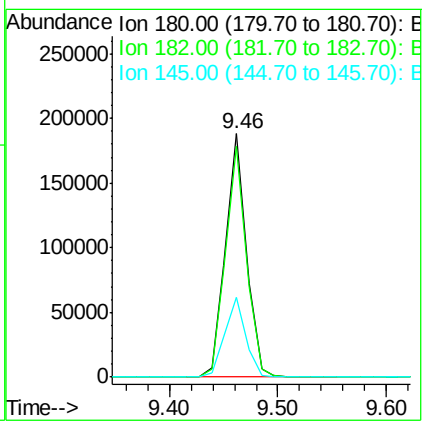


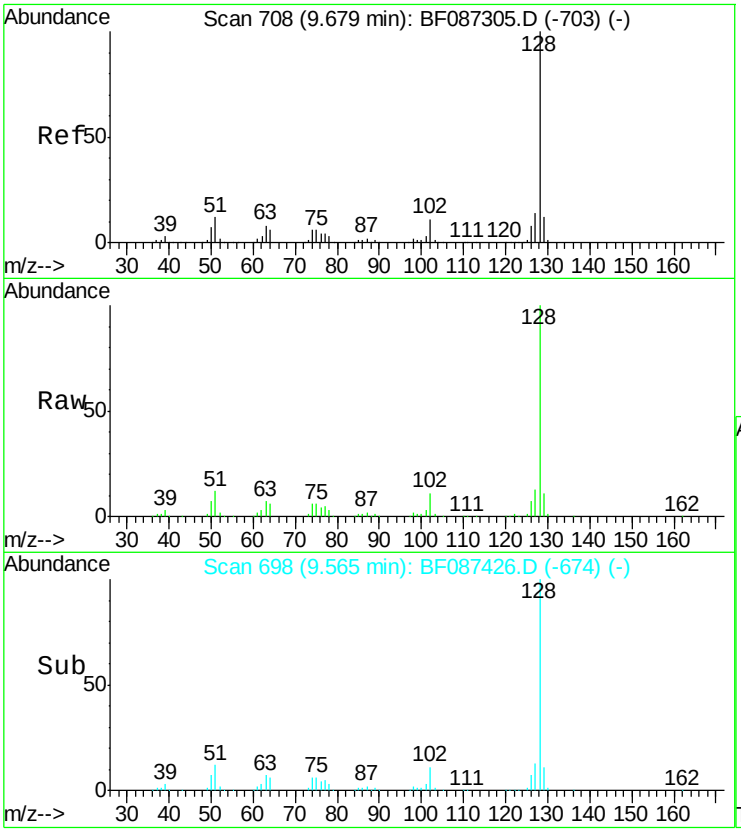




#30
1,2,4-Trichlorobenzene
Concen: 40.94 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:180 Resp: 248946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 78.0 | 117.0 |
| 145 | 32.9 | 24.2 | 36.2 |



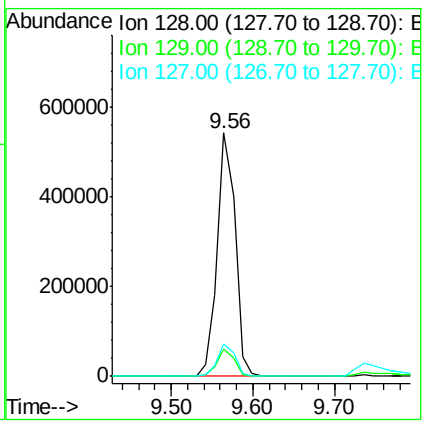


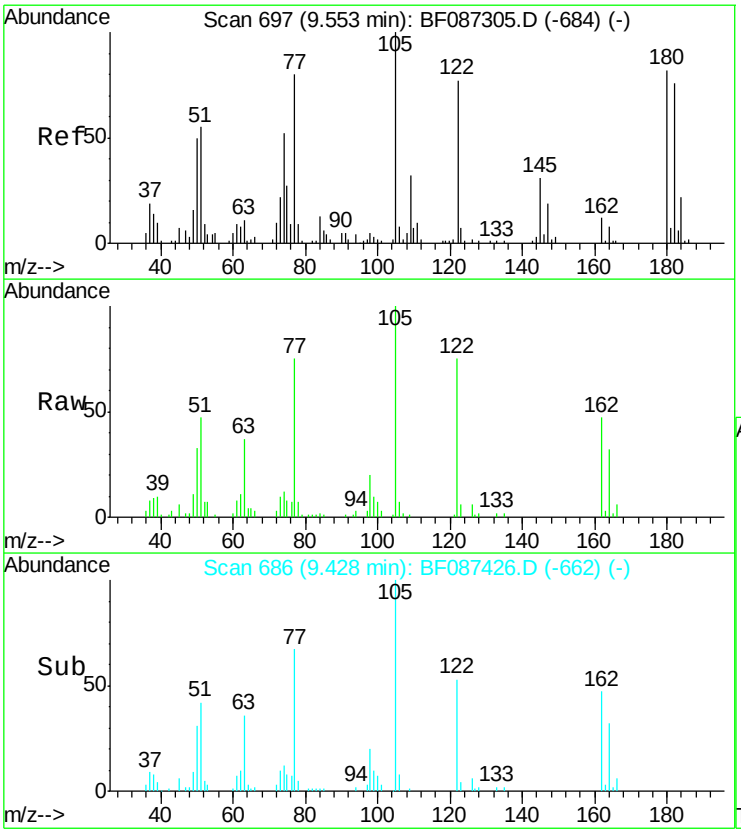

#31
Naphthalene
Concen: 41.75 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:128 Resp: 829661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.6 | 13.0 |
| 127 | 13.3 | 10.8 | 16.2 |

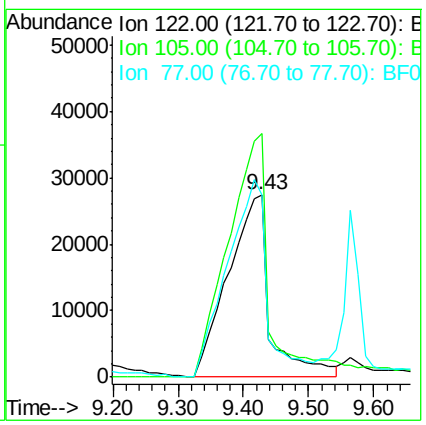


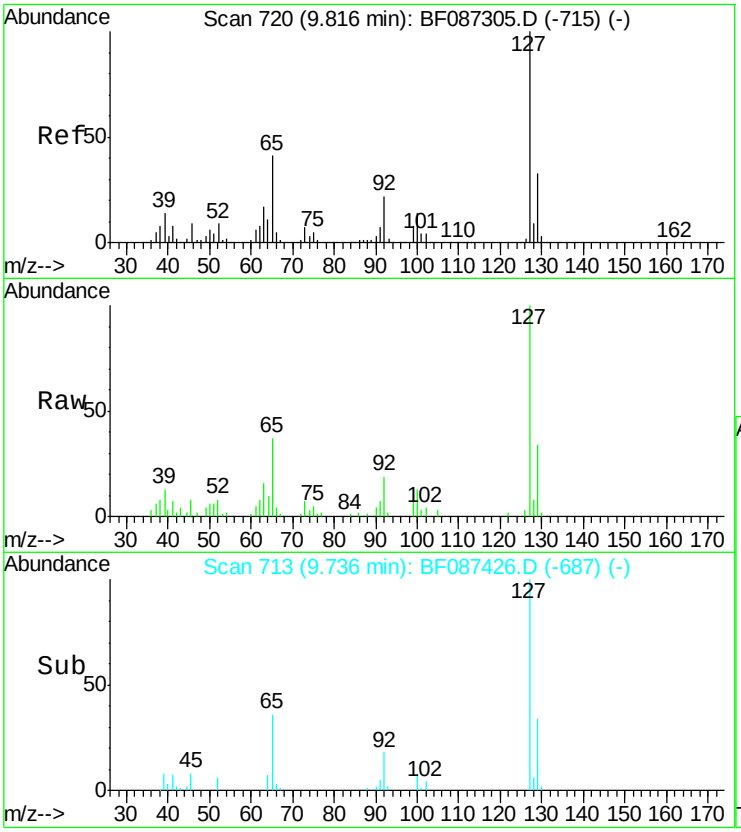




#32
Benzoic acid
Concen: 41.20 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:122 Resp: 122179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 133.2 | 92.6 | 132.6# |
| 77 | 99.9 | 60.0 | 100.0 |



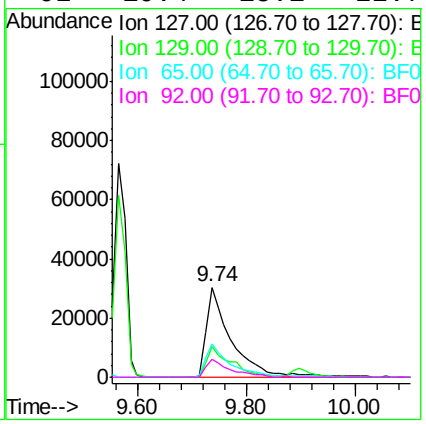


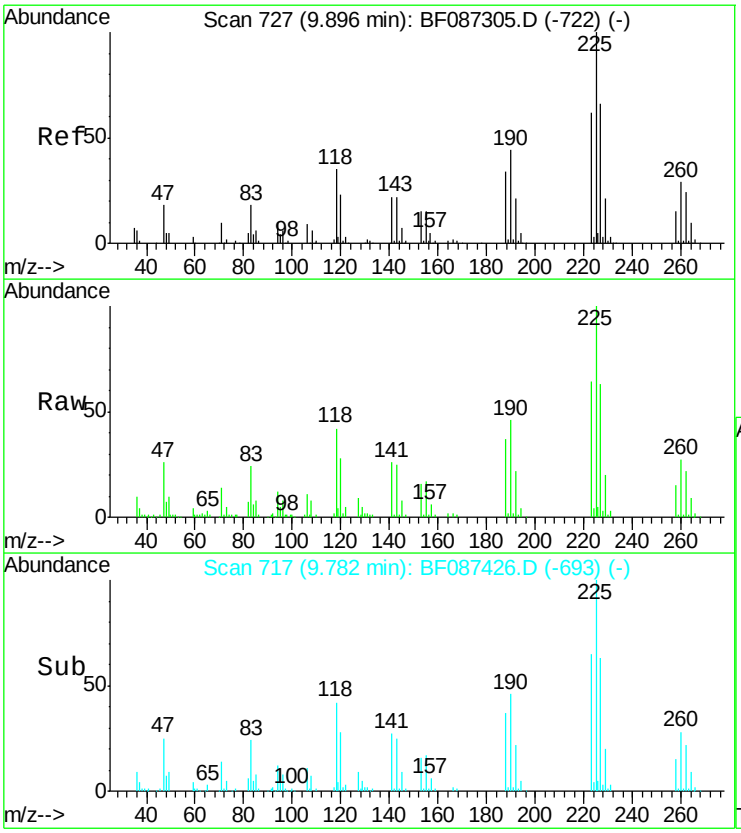

#33
4-Chloroaniline
Concen: 13.31 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:127 Resp: 97391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.2 | 26.2 | 39.4 |
| 65 | 37.5 | 23.0 | 34.4# |
| 92 | 19.4 | 15.1 | 22.7 |

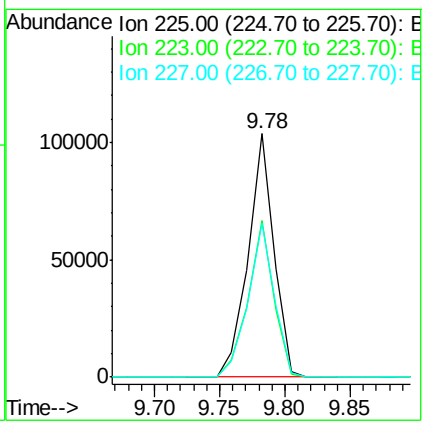


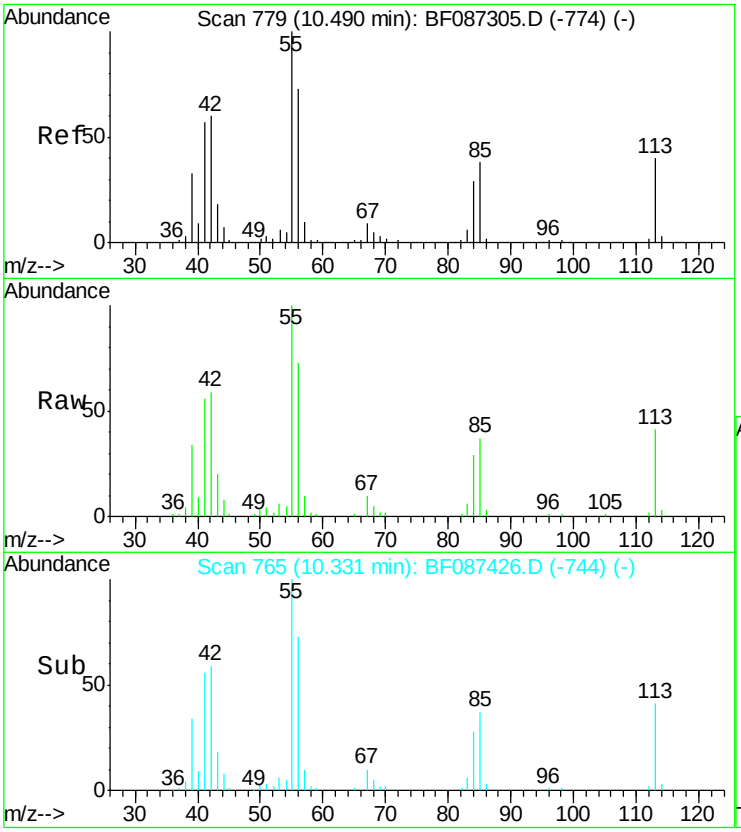




#34
Hexachlorobutadiene
Concen: 38.75 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:225 Resp: 143233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.4 | 51.5 | 77.3 |
| 227 | 63.2 | 52.2 | 78.2 |



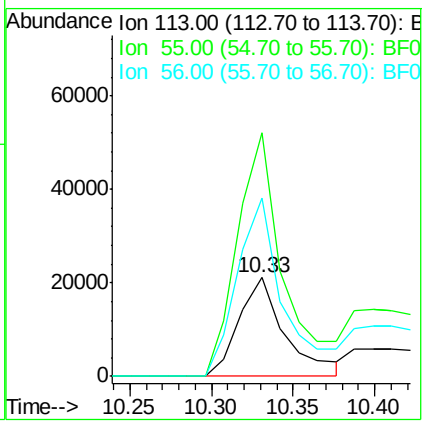


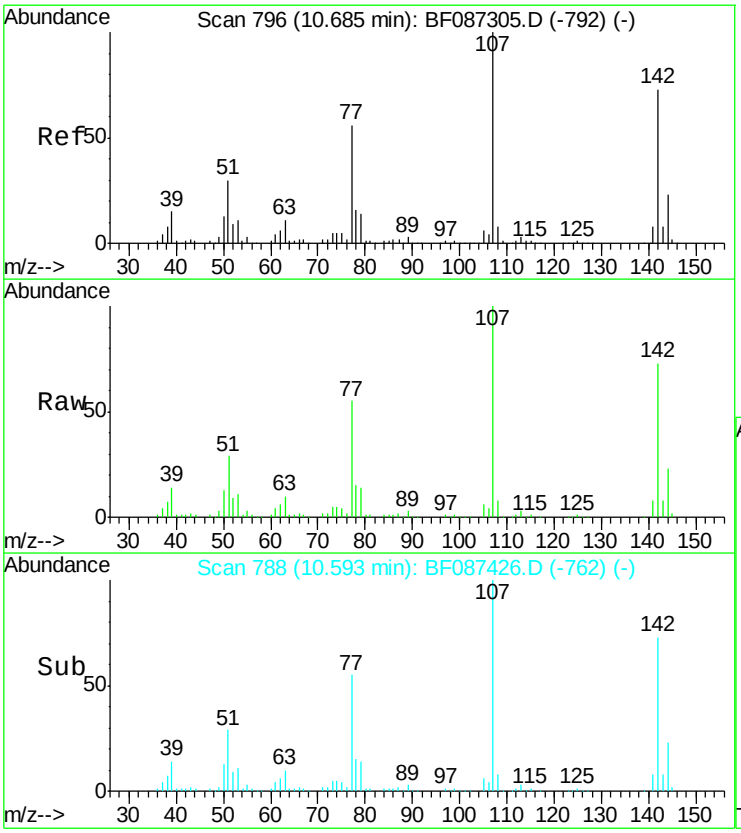

#35
Caprolactam
Concen: 26.82 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.06 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:113 Resp: 41576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 246.5 | 162.0 | 202.0# |
| 56 | 180.1 | 115.3 | 155.3# |

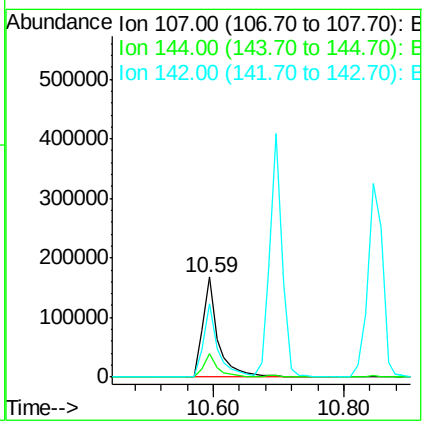


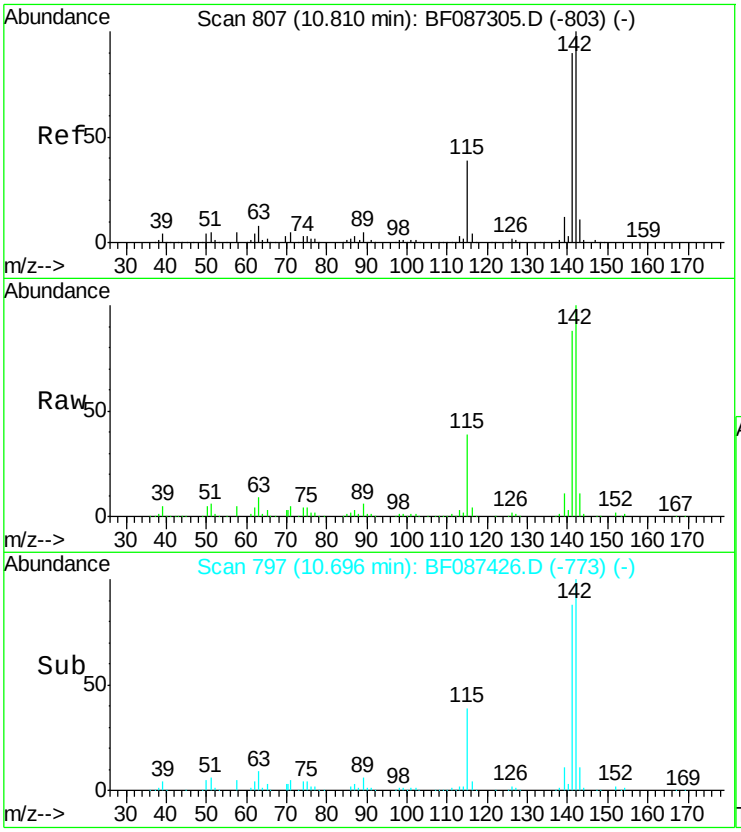




#36
4-Chloro-3-methylphenol
Concen: 45.53 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:107 Resp: 273427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.2 | 20.7 | 31.1 |
| 142 | 73.2 | 63.2 | 94.8 |



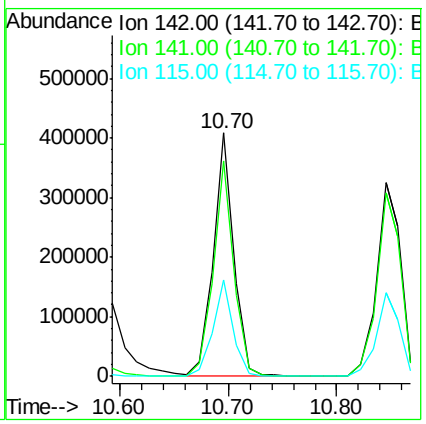


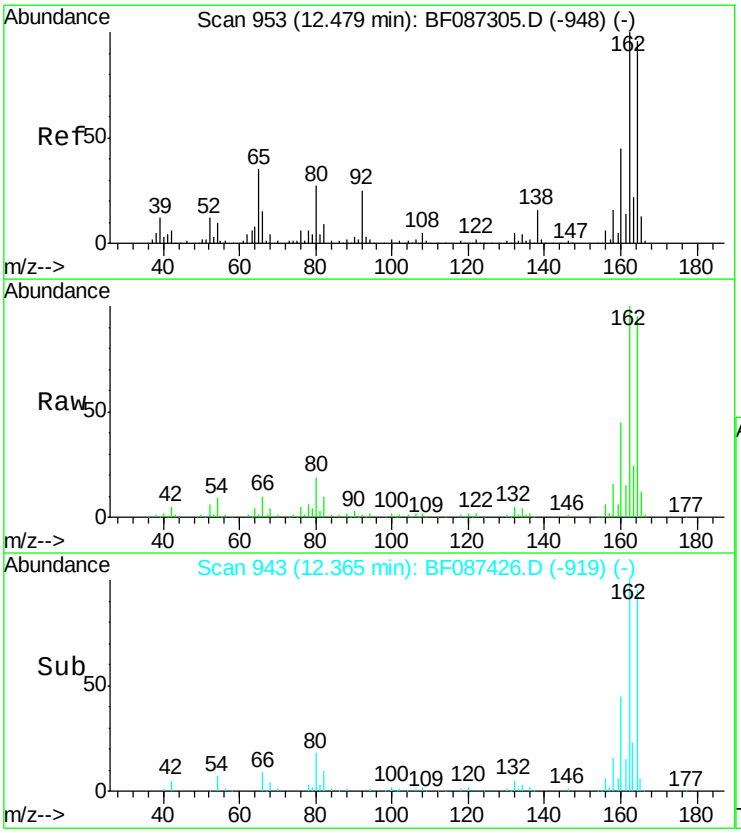

#37
2-Methylnaphthalene
Concen: 43.32 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:142 Resp: 537704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.6 |
| 115 | 39.5 | 26.6 | 39.8 |

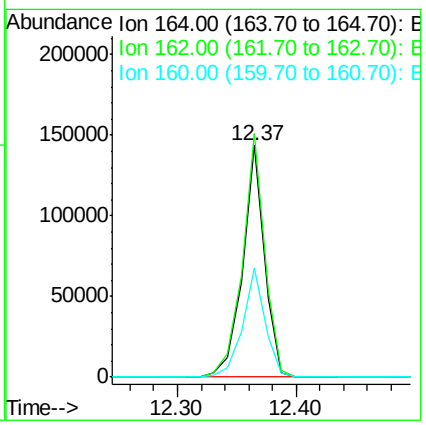


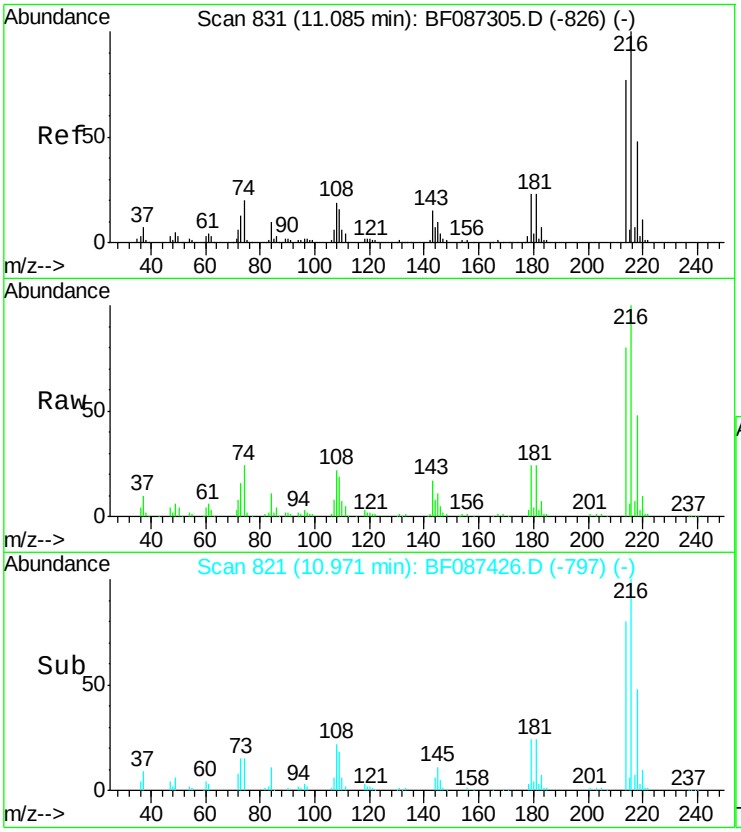




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:164 Resp: 184646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.1 | 82.8 | 124.2 |
| 160 | 47.3 | 36.9 | 55.3 |



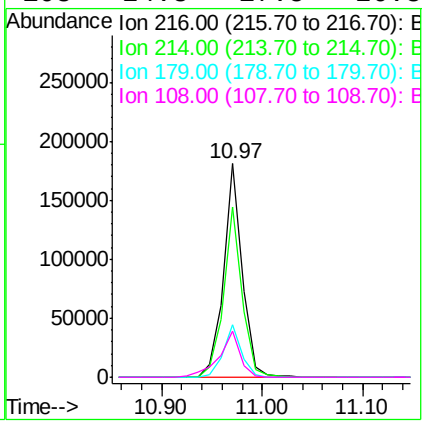


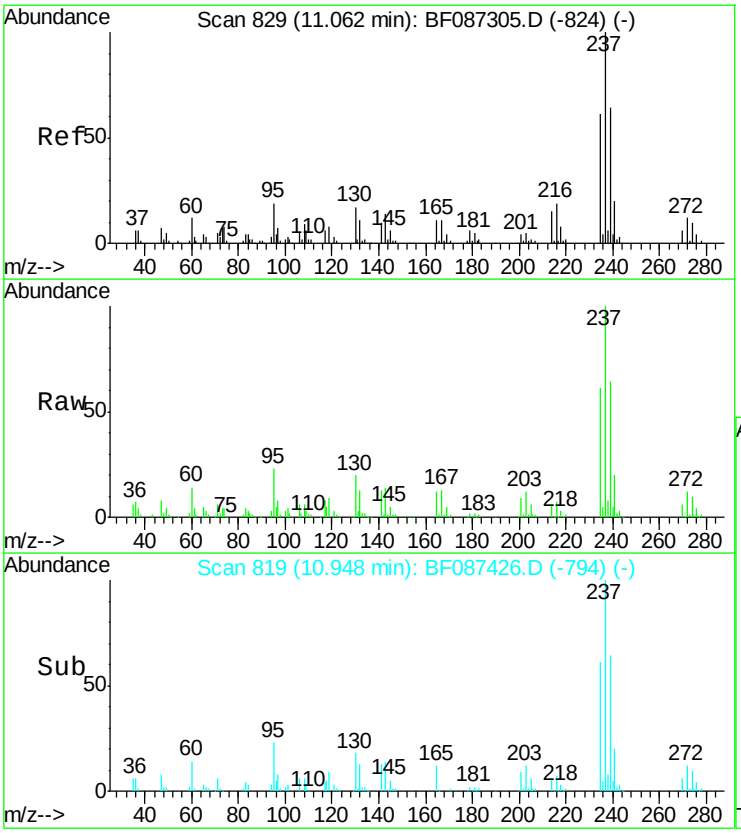

#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.32 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:216 Resp: 232389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 62.6 | 93.8 |
| 179 | 23.7 | 18.2 | 27.4 |
| 108 | 24.8 | 17.5 | 26.3 |

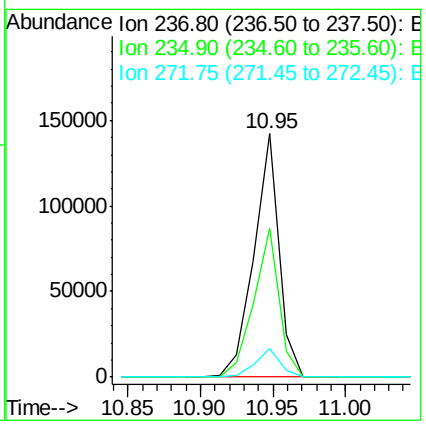


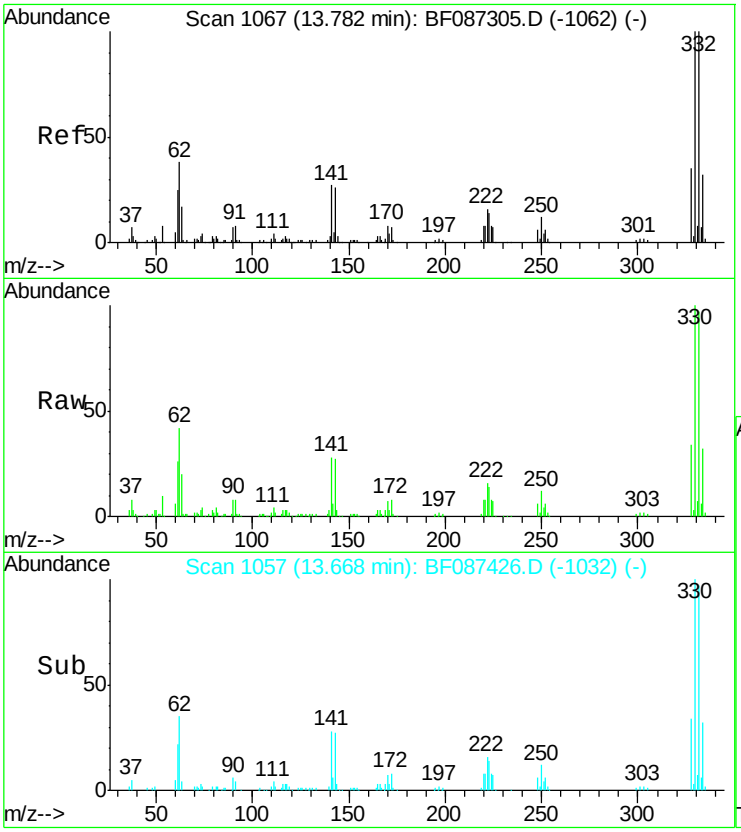




#40
Hexachlorocyclopentadiene
Concen: 71.42 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:237 Resp: 170925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.1 | 47.2 | 87.2 |
| 272 | 11.6 | 0.0 | 31.1 |



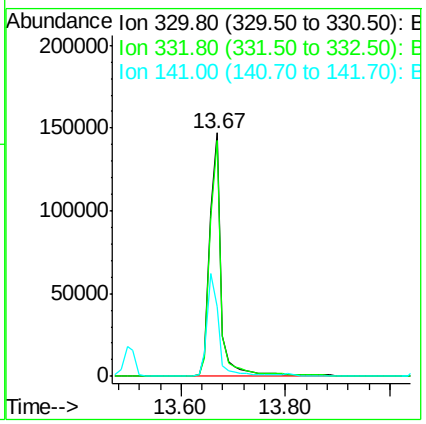


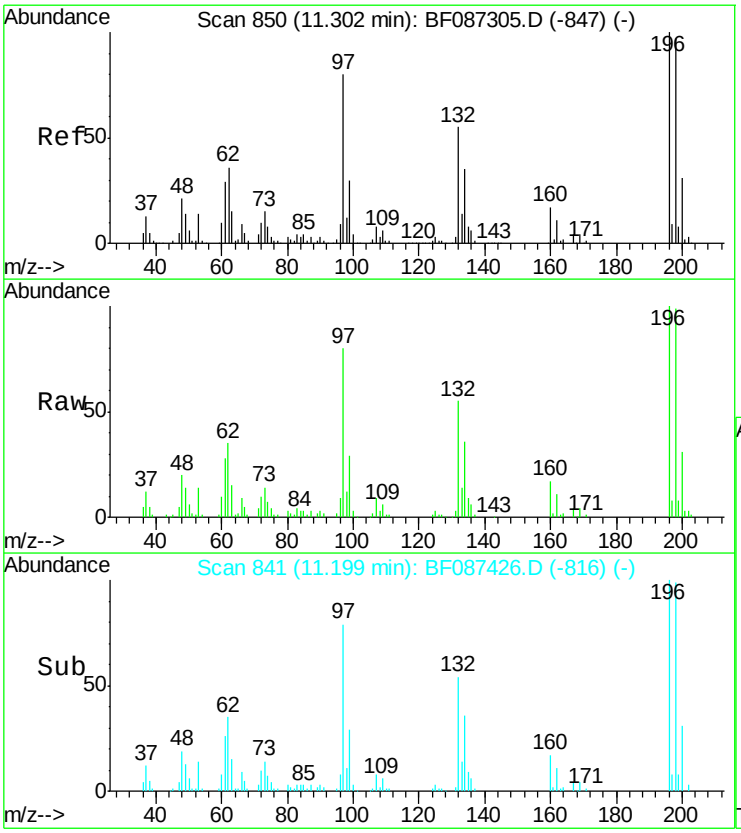

#41
2,4,6-Tribromophenol
Concen: 125.94 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:330 Resp: 223465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 79.0 | 118.4 |
| 141 | 42.7 | 31.2 | 46.8 |

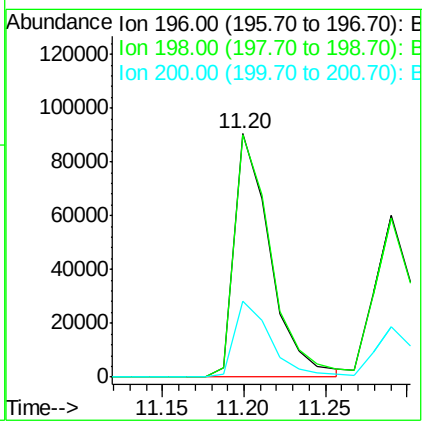


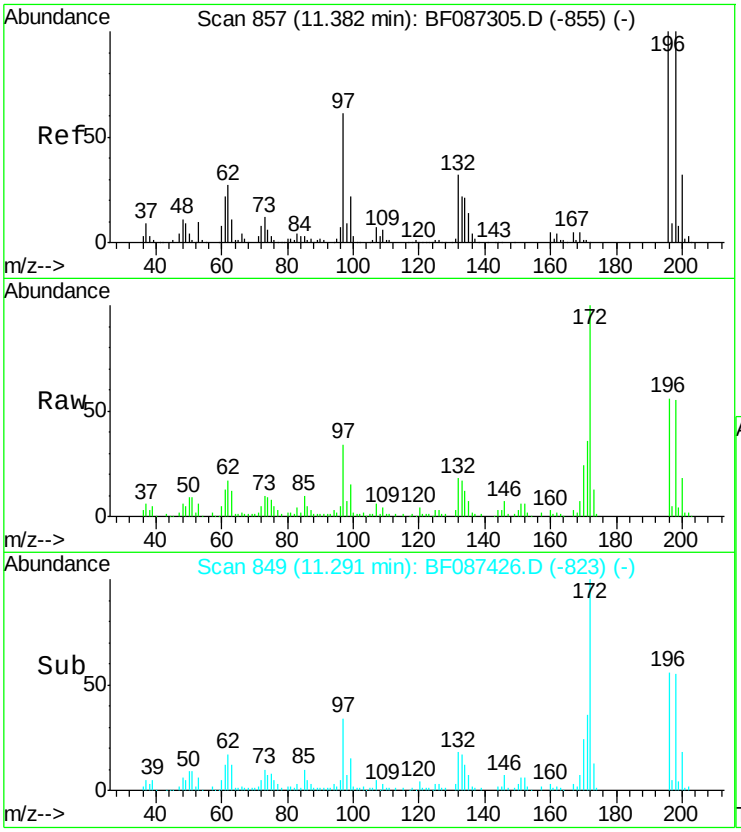




#42
2,4,6-Trichlorophenol
Concen: 40.44 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:196 Resp: 137973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.4 | 74.7 | 112.1 |
| 200 | 30.9 | 23.8 | 35.6 |



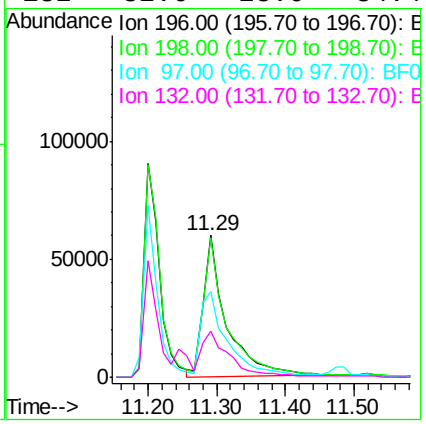


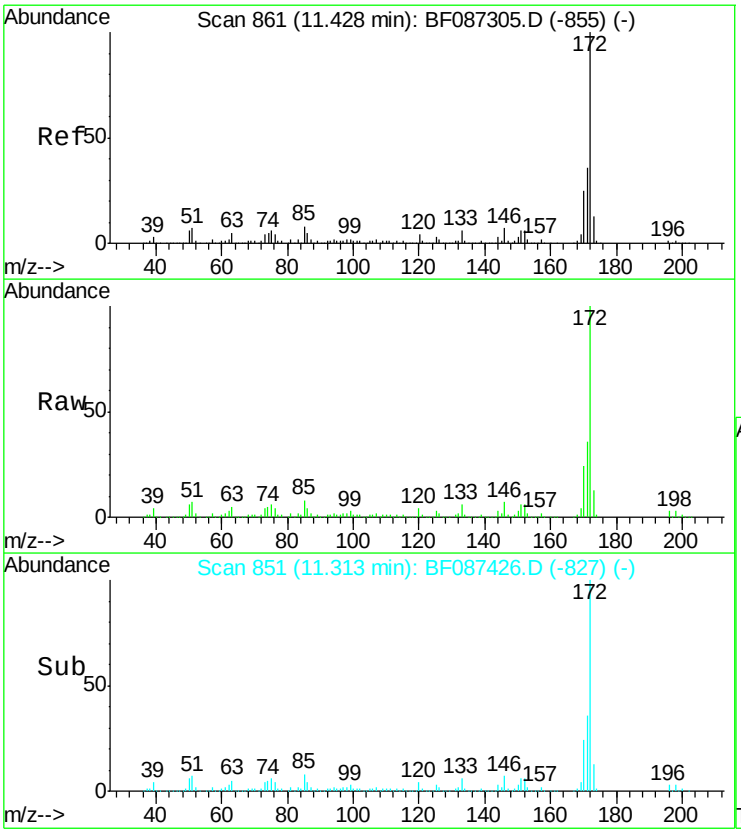

#43
2,4,5-Trichlorophenol
Concen: 40.59 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:196 Resp: 141018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.4 | 77.5 | 116.3 |
| 97 | 60.7 | 34.8 | 52.2# |
| 132 | 32.6 | 23.0 | 34.4 |

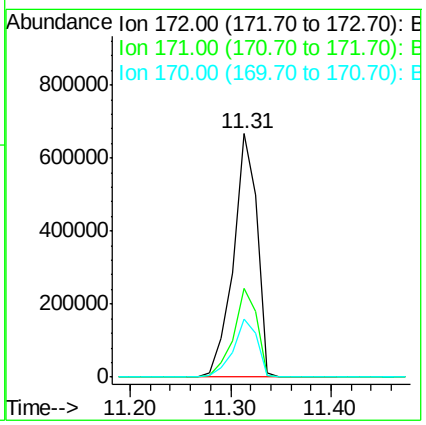


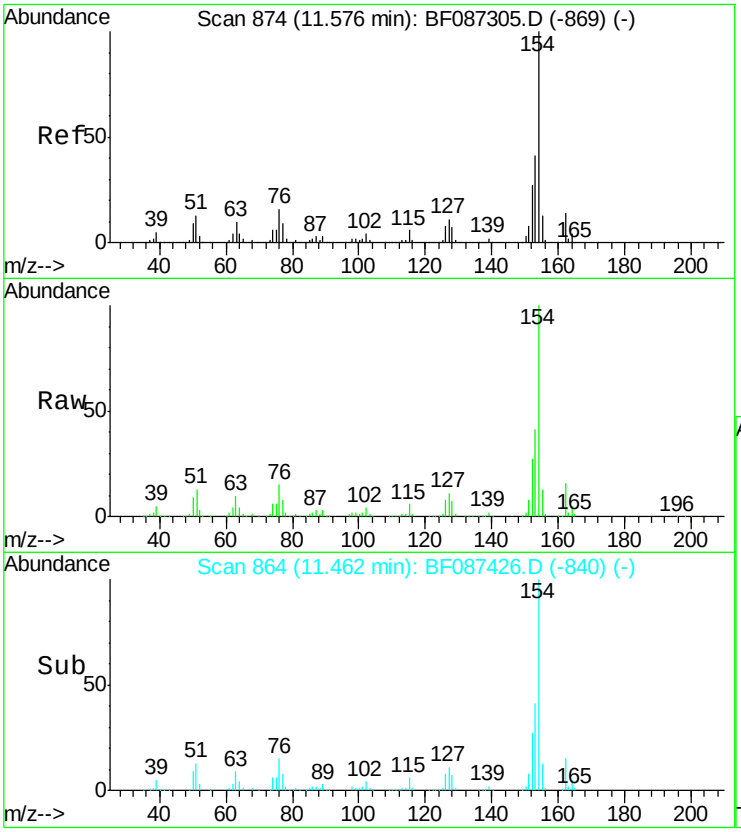




#44
2-Fluorobiphenyl
Concen: 83.20 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:172 Resp: 1089753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.0 | 43.6 |
| 170 | 23.8 | 19.8 | 29.8 |



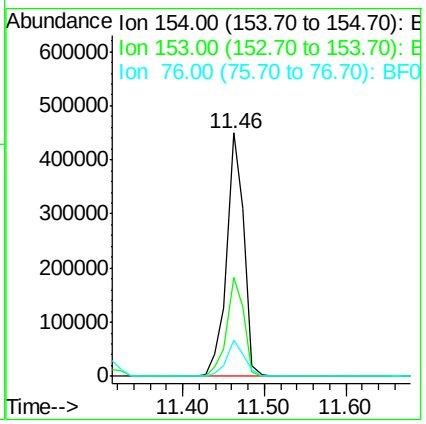


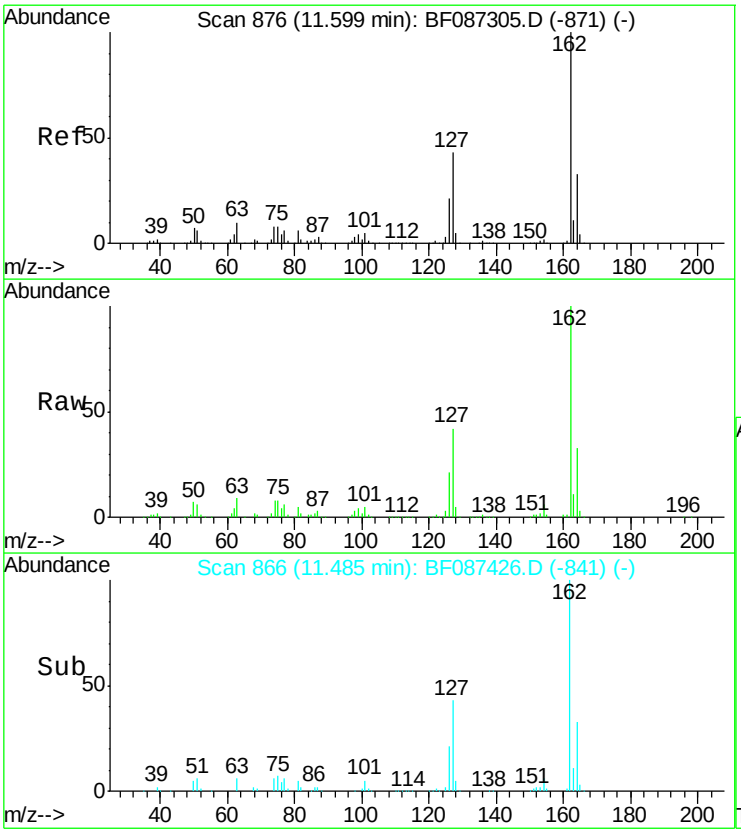

#45
1,1'-Biphenyl
Concen: 42.20 ng
RT: 11.46 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:154 Resp: 656117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 20.3 | 60.3 |
| 76 | 15.0 | 0.0 | 30.2 |

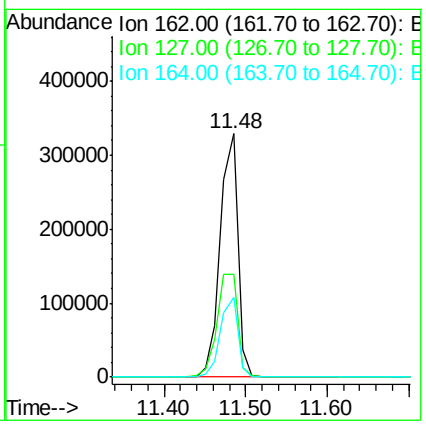


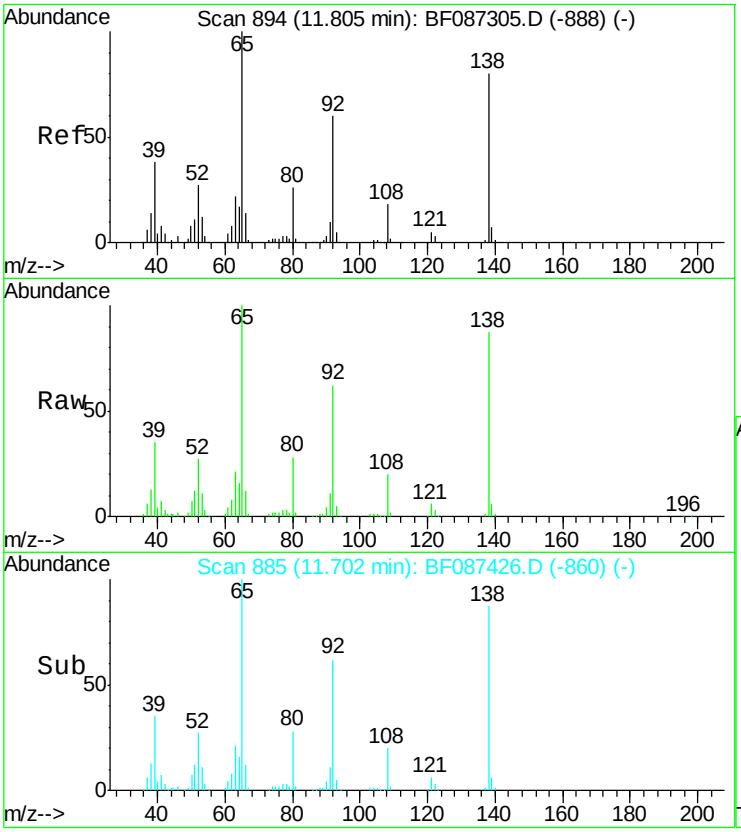




#46
2-Chloronaphthalene
Concen: 41.69 ng
RT: 11.48 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:162 Resp: 495816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.1 | 31.8 | 47.6 |
| 164 | 32.9 | 27.0 | 40.6 |



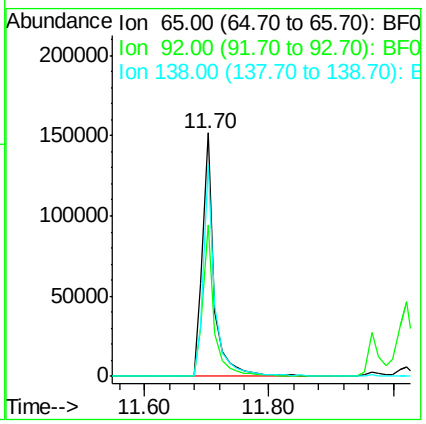


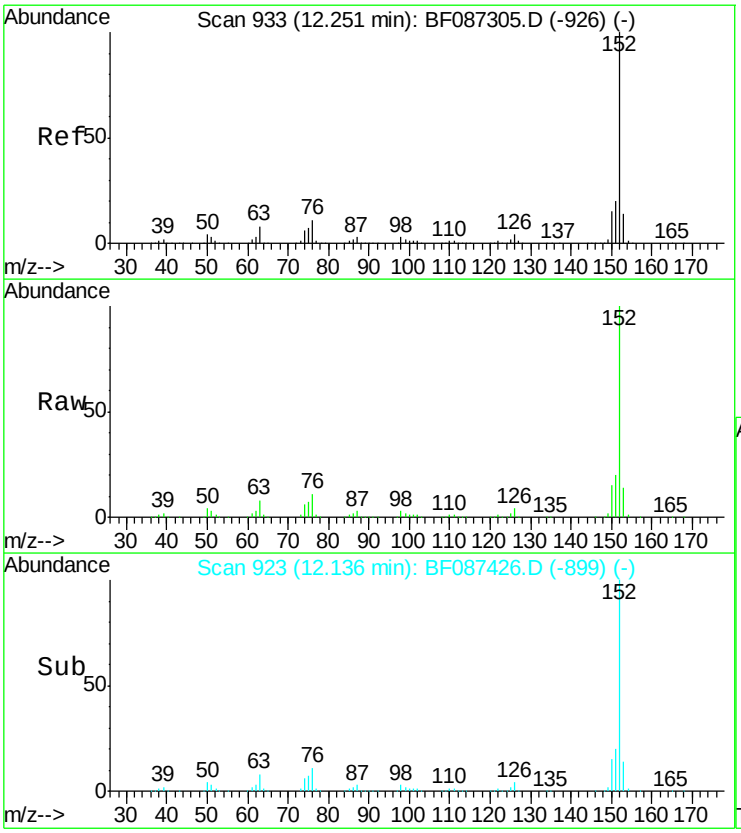

#47
2-Nitroaniline
Concen: 47.06 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion: 65 Resp: 201662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.2 | 57.4 | 86.2 |
| 138 | 87.1 | 90.1 | 135.1# |

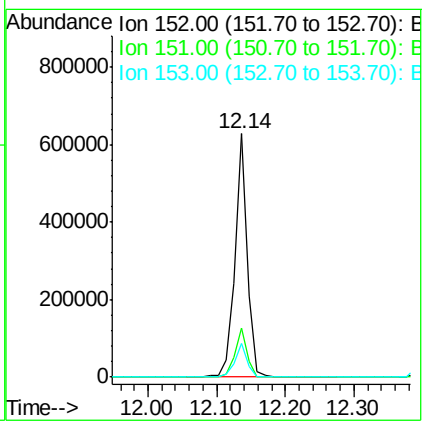


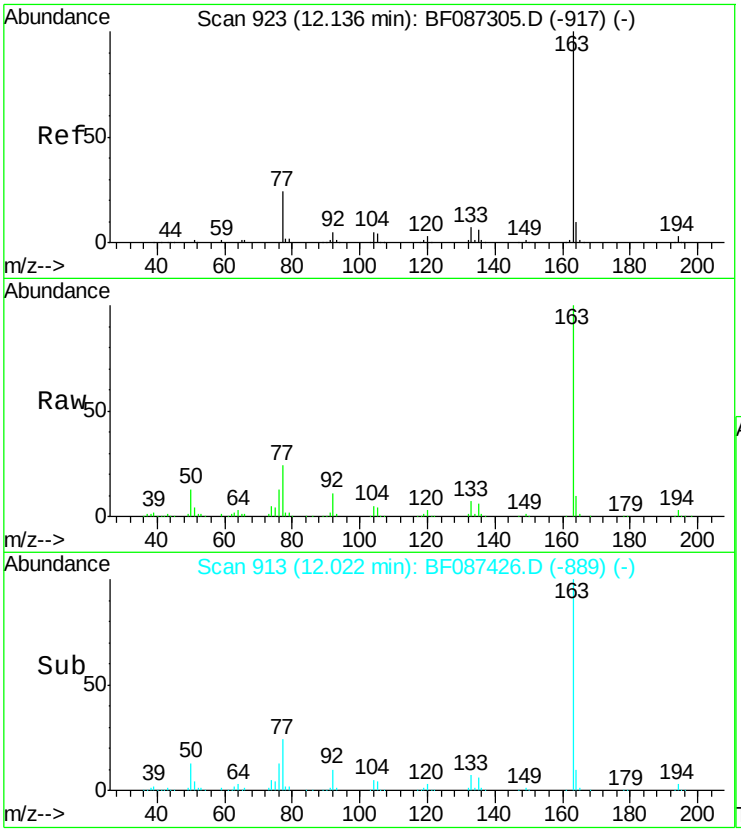




#48
Acenaphthylene
Concen: 42.15 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:152 Resp: 793677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.8 | 25.2 |
| 153 | 13.9 | 10.9 | 16.3 |



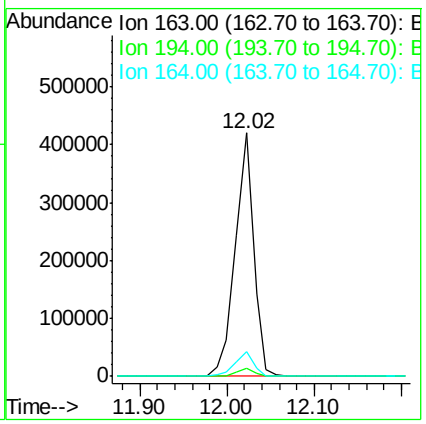


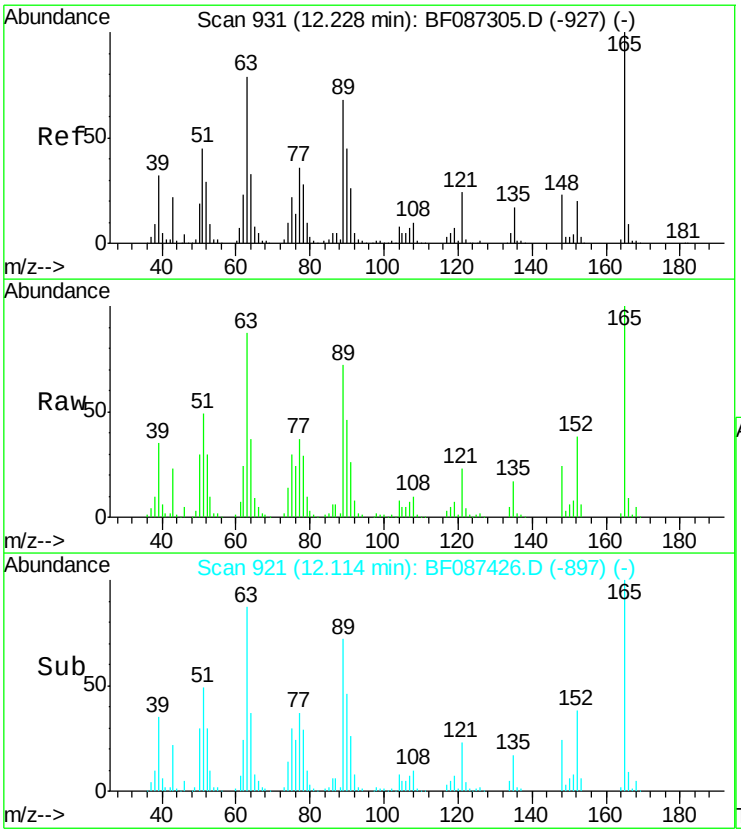

#49
Dimethylphthalate
Concen: 41.88 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:163 Resp: 619483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.6 | 4.0 |
| 164 | 10.1 | 8.2 | 12.4 |

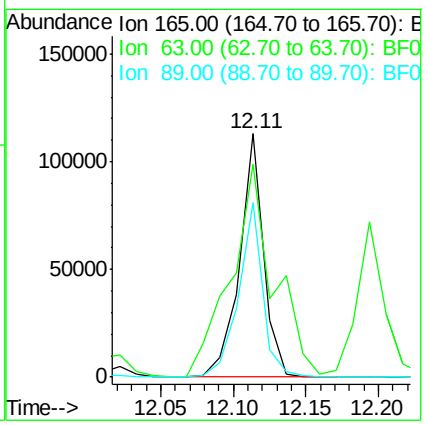


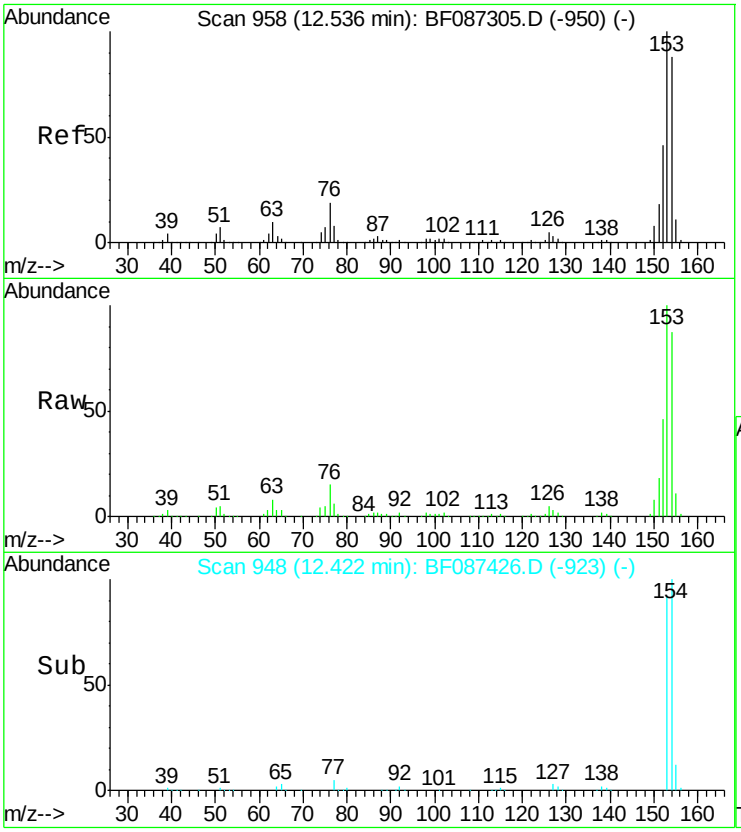




#50
2,6-Dinitrotoluene
Concen: 43.61 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:165 Resp: 129978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 87.4 | 51.8 | 77.8# |
| 89 | 71.6 | 50.7 | 76.1 |



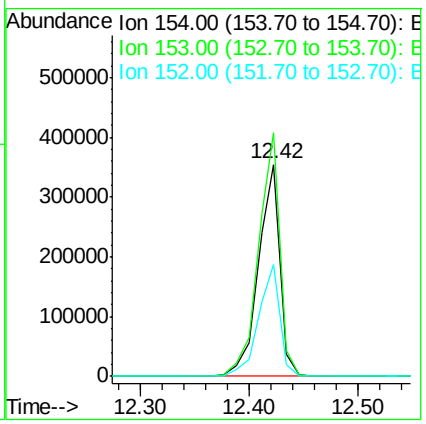


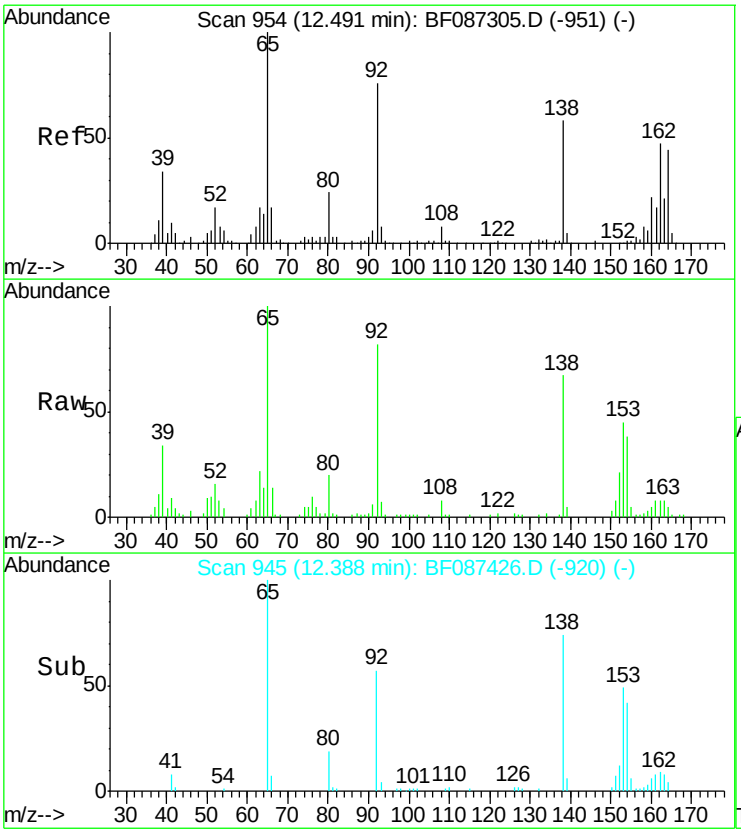

#51
Acenaphthene
Concen: 42.25 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:154 Resp: 488963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.0 | 89.8 | 134.6 |
| 152 | 53.0 | 43.4 | 65.0 |

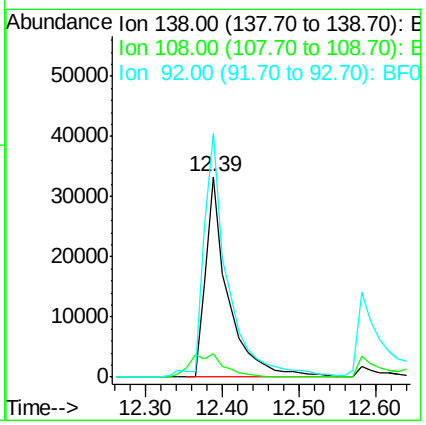


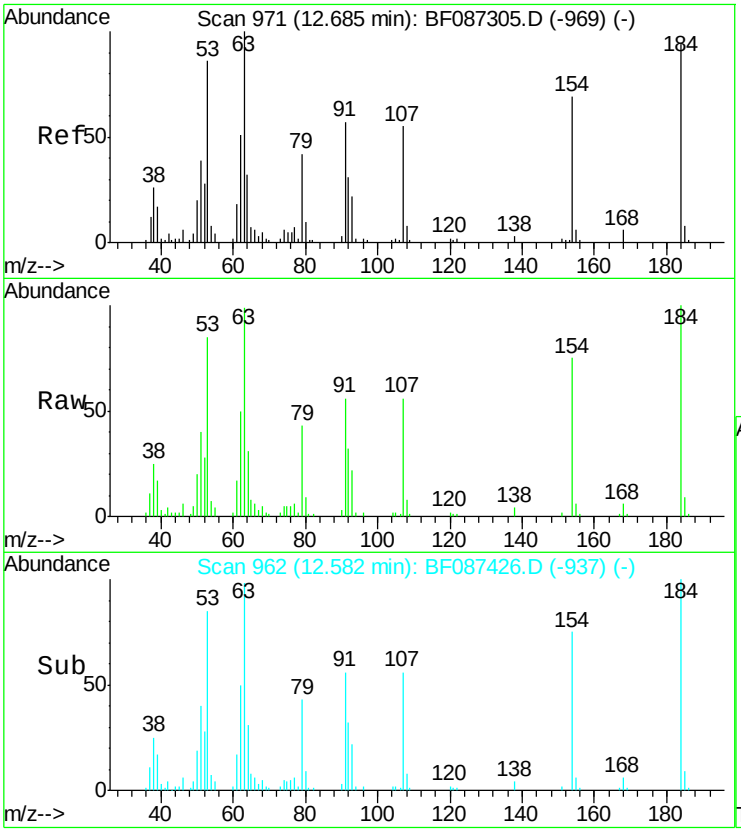




#52
3-Nitroaniline
Concen: 21.85 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:138 Resp: 66837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 7.8 | 11.6 |
| 92 | 121.6 | 87.8 | 131.8 |



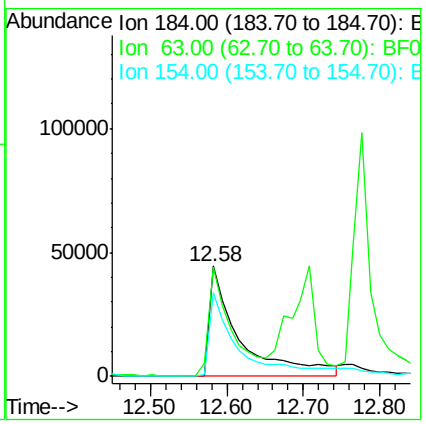


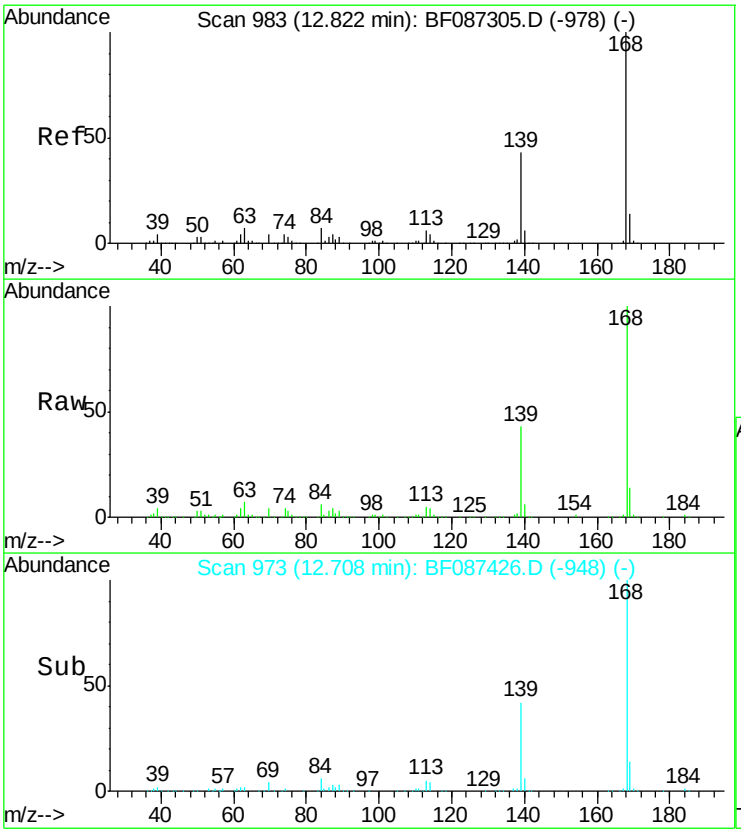

#53
2,4-Dinitrophenol
Concen: 79.80 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:184 Resp: 121704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 98.5 | 55.8 | 83.8# |
| 154 | 75.2 | 62.4 | 93.6 |

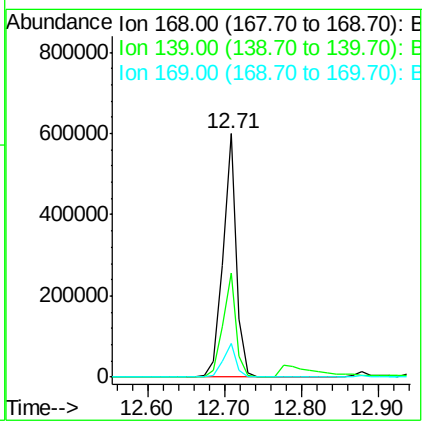


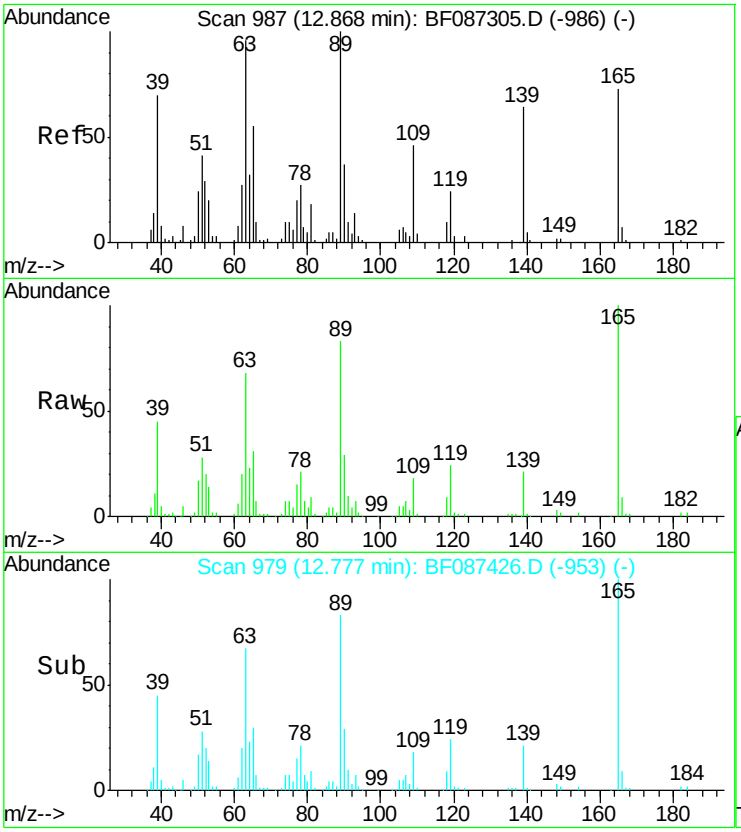




#54
Dibenzofuran
Concen: 46.98 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:168 Resp: 736210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.9 | 31.4 | 47.0 |
| 169 | 13.8 | 10.7 | 16.1 |



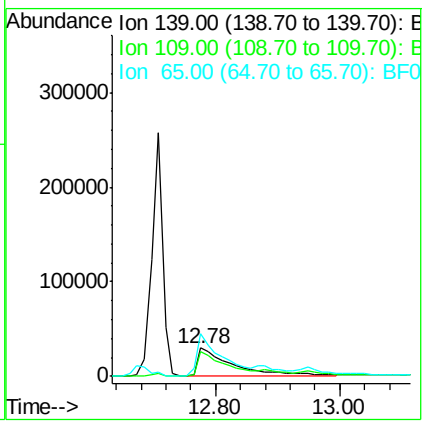


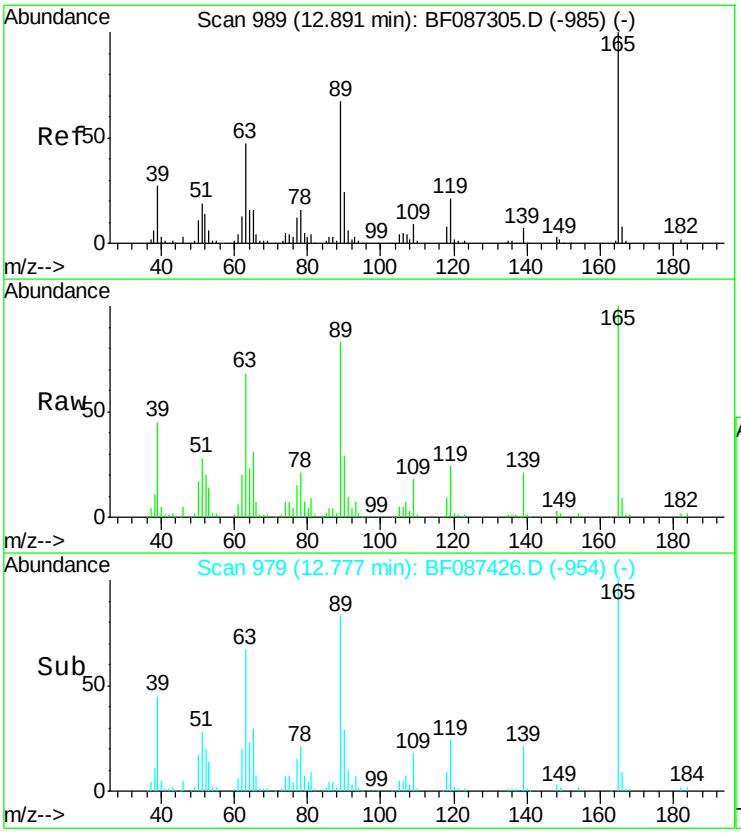

#55
4-Nitrophenol
Concen: 77.81 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:139 Resp: 113529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 87.2 | 36.9 | 76.9# |
| 65 | 151.4 | 64.0 | 104.0# |

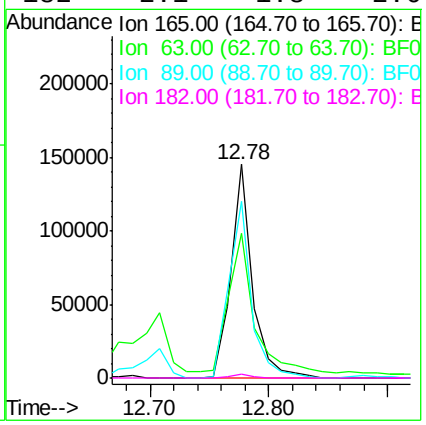


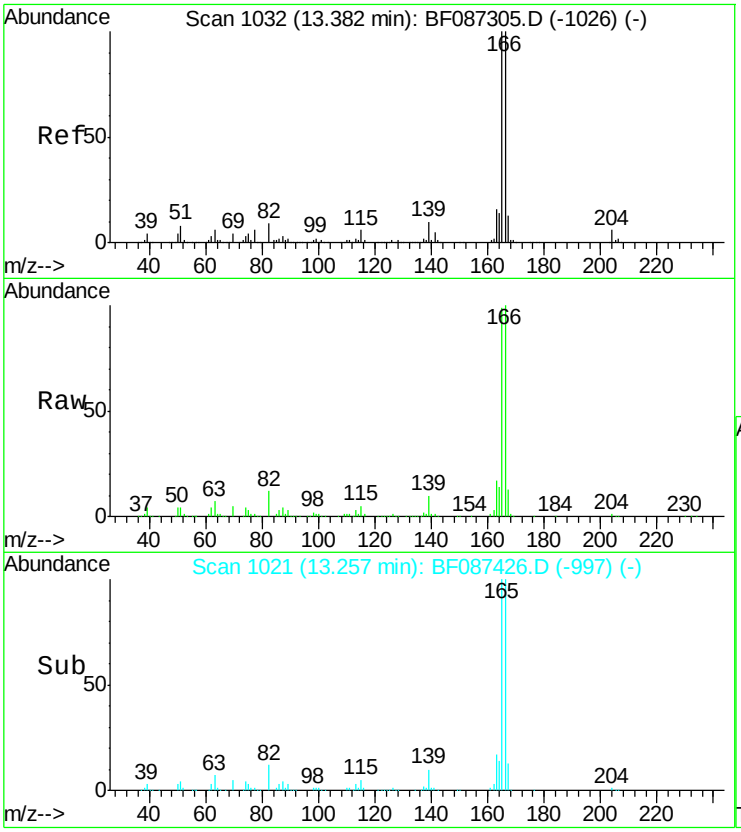




#56
2,4-Dinitrotoluene
Concen: 45.72 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:165 Resp: 182114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.7 | 44.3 | 66.5# |
| 89 | 82.6 | 70.0 | 105.0 |
| 182 | 2.1 | 1.8 | 2.6 |



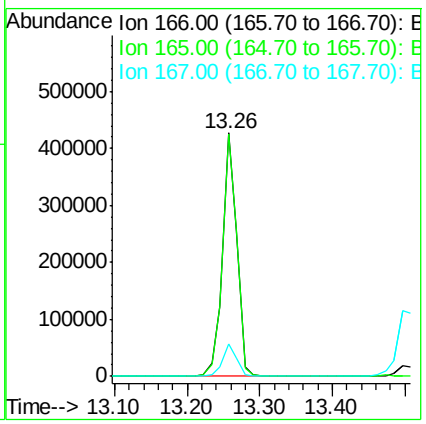


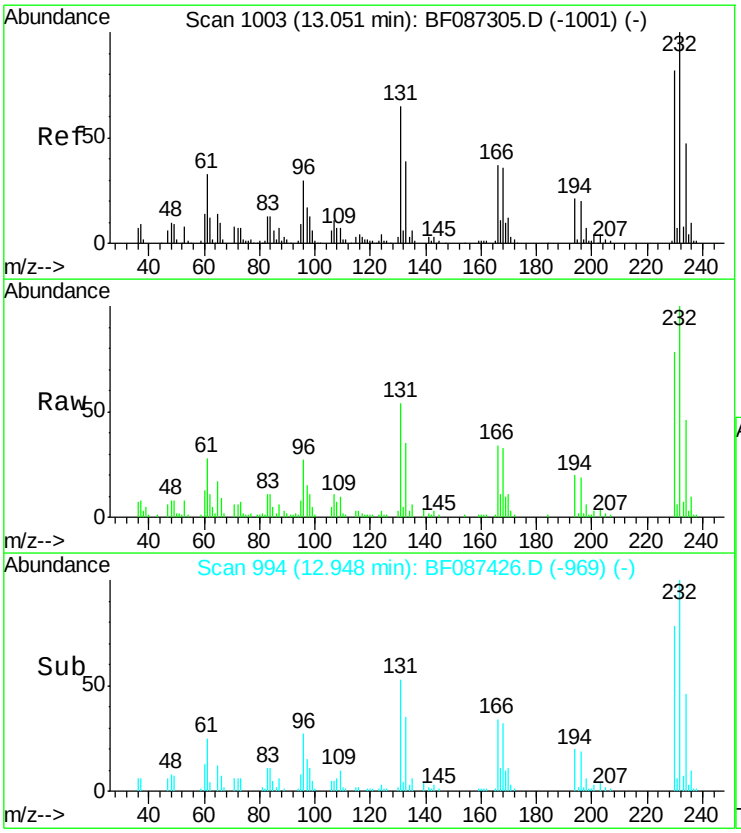

#57
Fluorene
Concen: 43.17 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

**Instrument :**
BNA_F
**ClientSampleId :**
PB90917BS

Tgt Ion:166 Resp: 586522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.5 | 79.0 | 118.6 |
| 167 | 13.4 | 10.6 | 15.8 |




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.24 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF087426.D
Acq: 27 May 2016 1:17

Tgt Ion:232 Resp: 126258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.3 | 41.9 | 62.9 |
| 130 | 2.6 | 2.2 | 3.4 |
| 166 | 33.3 | 26.8 | 40.2 |