Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079975.D
Acq On : 13 Jun 2015 13:03
Operator : TP/IZ
Sample : G2599-01MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VALHALLA-W1-9.5-10MS

Quant Time: Jun 15 00:58:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 42984 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.67 | 136 | 175348 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.44 | 164 | 96930 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.95 | 188 | 202542 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.95 | 240 | 213496 | 20.00 | ng | | -0.19 |
| 86) Perylene-d12 | 16.86 | 264 | 243470 | 20.00 | ng | | -0.24 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.99 | 112 | 334348 | 142.63 | ng | | 0.00 |
| 7) Phenol-d6 | 6.98 | 99 | 476448 | 149.18 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.93 | 82 | 245140 | 92.24 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.23 | 330 | 115299 | 118.37 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.75 | 172 | 529639 | 76.51 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.66 | 244 | 686430 | 74.13 | ng | | -0.11 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 34570 | 32.42 | ng | | 97 |
| 3) Pyridine | 4.10 | 79 | 111221 | 40.70 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 4.01 | 42 | 54588 | 40.53 | ng | | 99 |
| 6) Aniline | 7.03 | 93 | 176051 | 38.09 | ng | | 92 |
| 8) 2-Chlorophenol | 7.16 | 128 | 121733 | 42.73 | ng | | 89 |
| 9) Benzaldehyde | 6.92 | 77 | 86931 | 47.35 | ng | | 83 |
| 10) Phenol | 6.99 | 94 | 176895 | 50.36 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.10 | 93 | 121737 | 43.07 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.39 | 146 | 147902 | 44.50 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.39 | 146 | 147902 | 42.84 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 7.55 | 146 | 143475 | 46.79 | ng | | 94 |
| 15) Benzyl Alcohol | 7.50 | 79 | 106239 | 41.49 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.64 | 45 | 200770 | 47.96 | ng | | 96 |
| 17) 2-Methylphenol | 7.61 | 107 | 104766 | 42.09 | ng | | 95 |
| 18) Hexachloroethane | 7.90 | 117 | 42109 | 39.39 | ng | # | 84 |
| 19) n-Nitroso-di-n-propylamine | 7.77 | 70 | 99022 | 43.39 | ng | # | 91 |
| 20) 3+4-Methylphenols | 7.76 | 107 | 142722 | 44.86 | ng | | 99 |
| 22) Acetophenone | 7.77 | 105 | 173116 | 41.80 | ng | # | 89 |
| 24) Nitrobenzene | 7.95 | 77 | 137858 | 48.76 | ng | # | 86 |
| 25) Isophorone | 8.19 | 82 | 245023 | 39.62 | ng | # | 92 |
| 26) 2-Nitrophenol | 8.27 | 139 | 51773 | 51.86 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 8.30 | 122 | 119952 | 43.28 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.39 | 93 | 147436 | 40.15 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 8.51 | 162 | 119461 | 51.46 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 8.60 | 180 | 120830 | 40.95 | ng | # | 96 |
| 31) Naphthalene | 8.70 | 128 | 382158 | 39.87 | ng | | 100 |
| 32) Benzoic acid | 8.34 | 122 | 32342 | 33.10 | ng | | 97 |
| 33) 4-Chloroaniline | 8.73 | 127 | 185572 | 49.88 | ng | # | 92 |
| 34) Hexachlorobutadiene | 8.81 | 225 | 76474 | 46.69 | ng | | 98 |
| 35) Caprolactam | 9.06 | 113 | 33275 | 45.32 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 9.20 | 107 | 113106 | 42.65 | ng | | 89 |
| 37) 2-Methylnaphthalene | 9.38 | 142 | 263098 | 40.63 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.55 | 216 | 128066 | 39.45 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.54 | 237 | 75442 | 59.45 | ng | | 96 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079975.D
Acq On : 13 Jun 2015 13:03
Operator : TP/IZ
Sample : G2599-01MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VALHALLA-W1-9.5-10MS

Quant Time: Jun 15 00:58:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.66 | 196 | 81715 | 40.85 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 9.70 | 196 | 85936 | 38.92 | ng | # | 88 |
| 45) 1,1'-Biphenyl | 9.85 | 154 | 342184 | 43.62 | ng | | 94 |
| 46) 2-Chloronaphthalene | 9.88 | 162 | 253346 | 37.93 | ng | # | 91 |
| 47) 2-Nitroaniline | 9.96 | 65 | 63278 | 44.46 | ng | # | 69 |
| 48) Acenaphthylene | 10.31 | 152 | 426033 | 37.79 | ng | | 98 |
| 49) Dimethylphthalate | 10.14 | 163 | 401322 | 51.68 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 10.20 | 165 | 55413 | 39.62 | ng | # | 68 |
| 51) Acenaphthene | 10.48 | 154 | 260091 | 40.59 | ng | | 96 |
| 52) 3-Nitroaniline | 10.38 | 138 | 63729 | 37.60 | ng | # | 74 |
| 53) 2,4-Dinitrophenol | 10.48 | 184 | 22613 | 78.14 | ng | # | 1 |
| 54) Dibenzofuran | 10.65 | 168 | 391602 | 41.83 | ng | | 92 |
| 55) 4-Nitrophenol | 10.51 | 139 | 99316 | 80.12 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.60 | 165 | 70016 | 38.31 | ng | # | 54 |
| 57) Fluorene | 10.99 | 166 | 308073 | 37.75 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.76 | 232 | 78780 | 47.07 | ng | | 94 |
| 59) Diethylphthalate | 10.84 | 149 | 306937 | 39.53 | ng | | 94 |
| 60) 4-Chlorophenyl-phenylether | 10.98 | 204 | 145727 | 39.99 | ng | # | 81 |
| 61) 4-Nitroaniline | 10.99 | 138 | 64323 | 36.36 | ng | | 82 |
| 62) Azobenzene | 11.14 | 77 | 294148 | 39.37 | ng | | 84 |
| 64) 4,6-Dinitro-2-methylphenol | 11.03 | 198 | 17583 | 40.56 | ng | | 76 |
| 65) n-Nitrosodiphenylamine | 11.10 | 169 | 262115 | 40.09 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.47 | 248 | 87215 | 38.43 | ng | # | 86 |
| 67) Hexachlorobenzene | 11.55 | 284 | 94112 | 38.01 | ng | # | 77 |
| 68) Atrazine | 11.61 | 200 | 86803 | 43.13 | ng | | 94 |
| 69) Pentachlorophenol | 11.75 | 266 | 96428 | 82.77 | ng | | 97 |
| 70) Phenanthrene | 11.98 | 178 | 503745 | 41.73 | ng | | 99 |
| 71) Anthracene | 12.03 | 178 | 503346 | 43.09 | ng | | 99 |
| 72) Carbazole | 12.18 | 167 | 460023 | 40.61 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.51 | 149 | 514947 | 41.72 | ng | | 100 |
| 74) Fluoranthene | 13.25 | 202 | 557646 | 41.79 | ng | | 96 |
| 76) Benzidine | 13.37 | 184 | 438337 | 74.14 | ng | | 98 |
| 77) Pyrene | 13.51 | 202 | 578851 | 43.17 | ng | | 99 |
| 79) Butylbenzylphthalate | 14.21 | 149 | 234294 | 51.74 | ng | # | 82 |
| 80) Benzo(a)anthracene | 14.94 | 228 | 592459 | 43.70 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.88 | 252 | 206527 | 47.65 | ng | | 97 |
| 82) Chrysene | 14.98 | 228 | 540473 | 45.09 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.90 | 149 | 358754 | 49.50 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 15.73 | 149 | 611273 | 51.72 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 18.77 | 276 | 670591 | 47.23 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 16.31 | 252 | 637406 | 42.73 | ng | # | 98 |
| 88) Benzo(k)fluoranthene | 16.34 | 252 | 556352 | 36.57 | ng | | 98 |
| 89) Benzo(a)pyrene | 16.79 | 252 | 580607 | 40.92 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 18.79 | 278 | 551539 | 39.55 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.34 | 276 | 568358 | 39.39 | ng | | 99 |

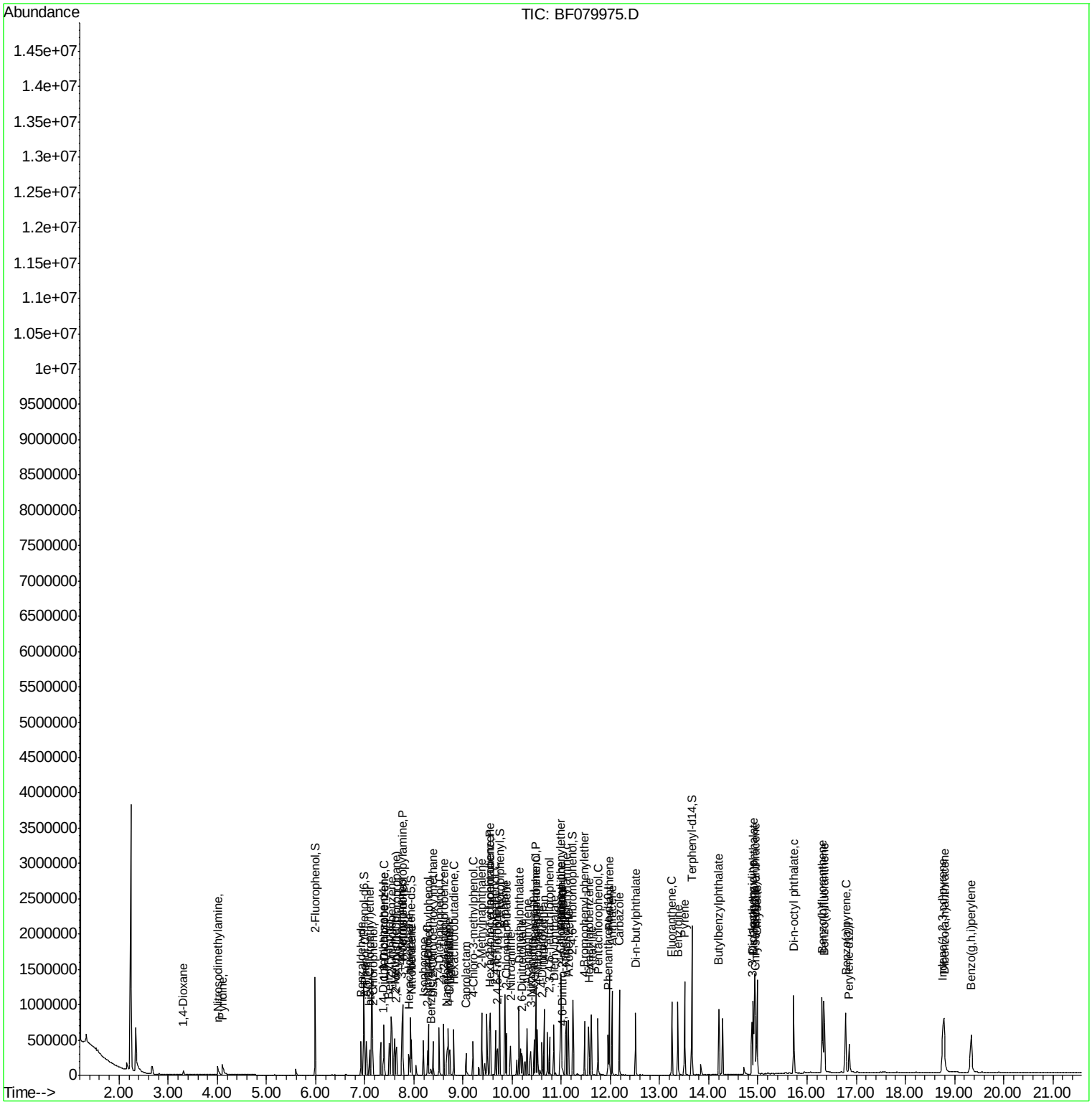
(#) = qualifier out of range (m) = manual integration (+) = signals summed

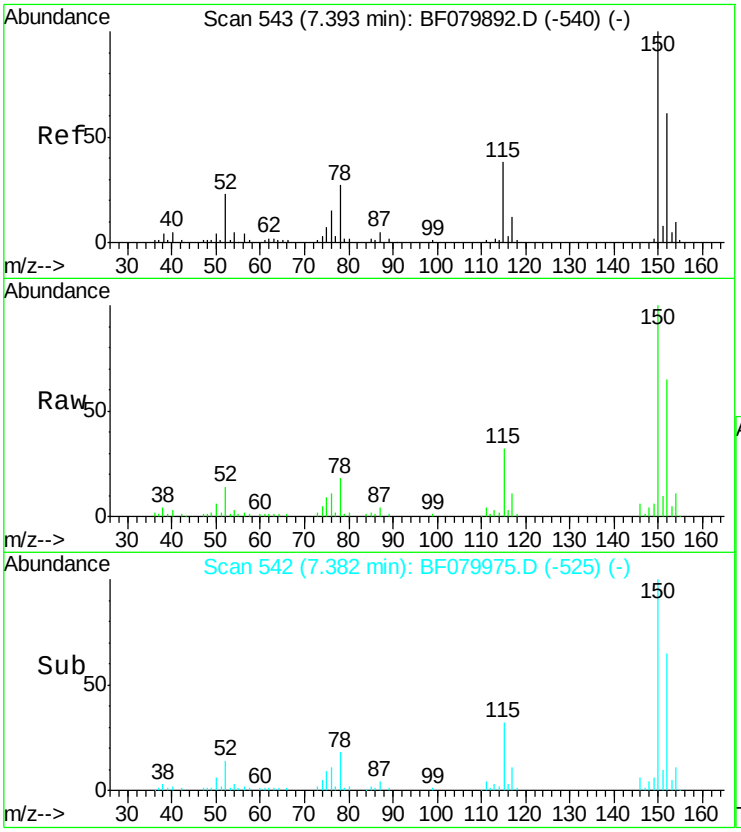
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079975.D
Acq On : 13 Jun 2015 13:03
Operator : TP/IZ
Sample : G2599-01MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Quant Time: Jun 15 00:58:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration



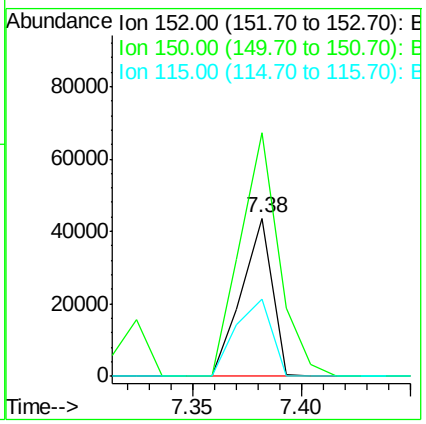


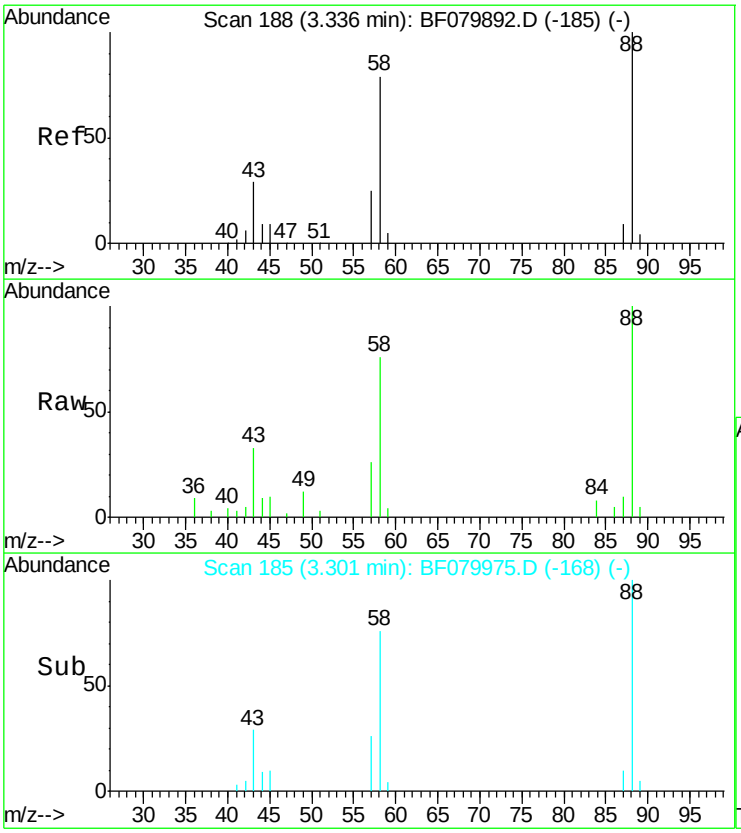

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:152 Resp: 42984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.2 | 131.0 | 196.4 |
| 115 | 49.1 | 49.8 | 74.6# |

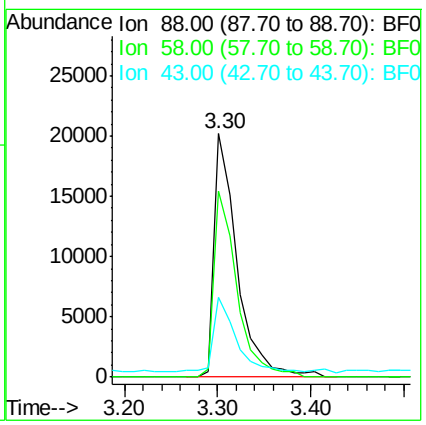


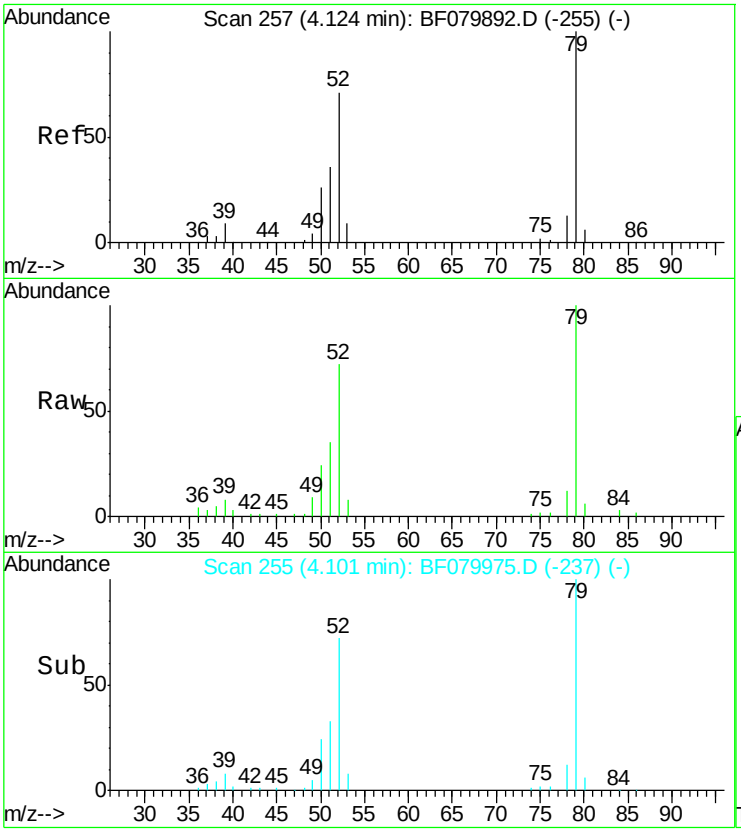




#2
1,4-Dioxane
Concen: 32.42 ng
RT: 3.30 min Scan# 185
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 88 Resp: 34570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.7 | 63.0 | 94.4 |
| 43 | 29.9 | 23.2 | 34.8 |



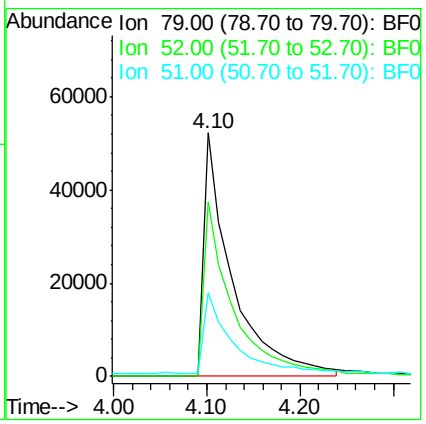


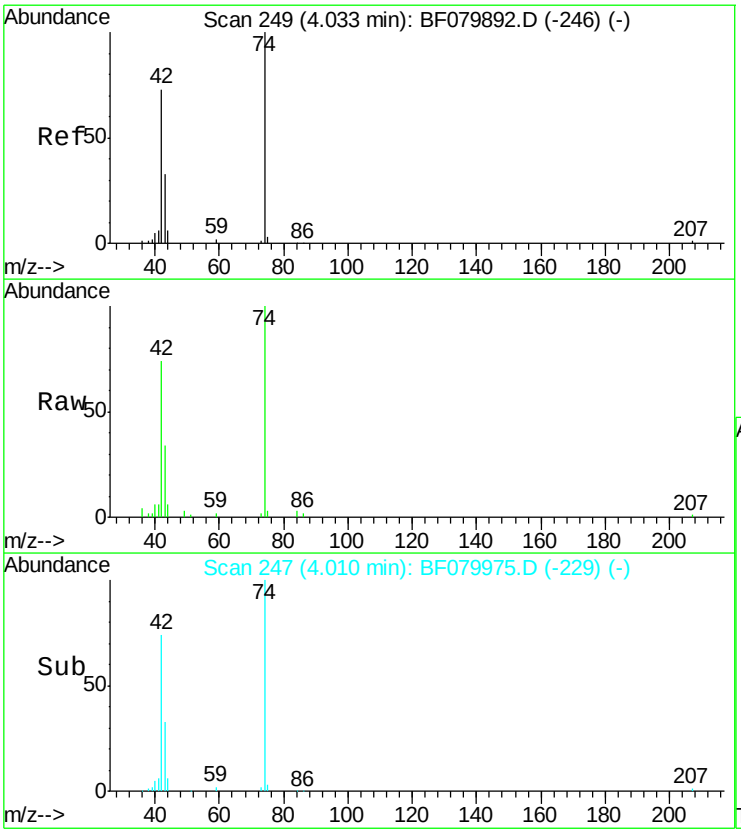

#3
Pyridine
Concen: 40.70 ng
RT: 4.10 min Scan# 255
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 79 Resp: 111221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 71.7 | 56.7 | 85.1 |
| 51 | 34.5 | 29.8 | 44.6 |

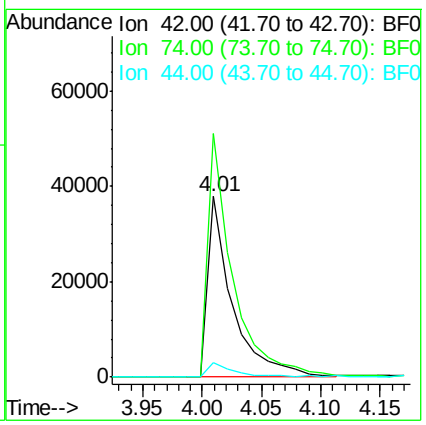


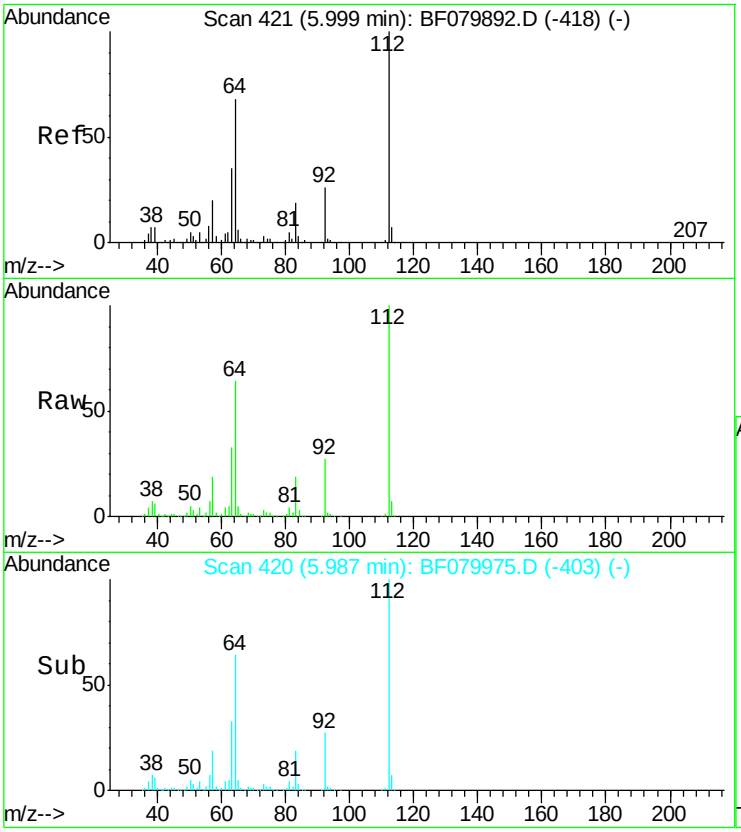




#4
n-Nitrosodimethylamine
Concen: 40.53 ng
RT: 4.01 min Scan# 247
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 42 Resp: 54588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 134.9 | 109.0 | 163.6 |
| 44 | 8.0 | 7.7 | 11.5 |



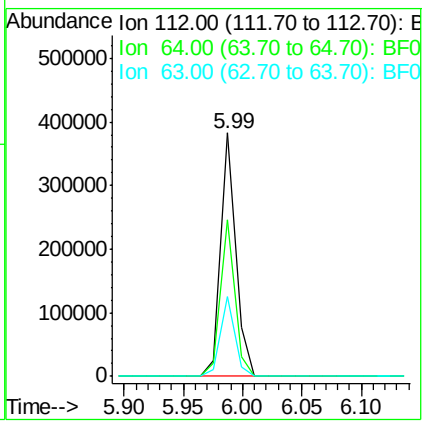


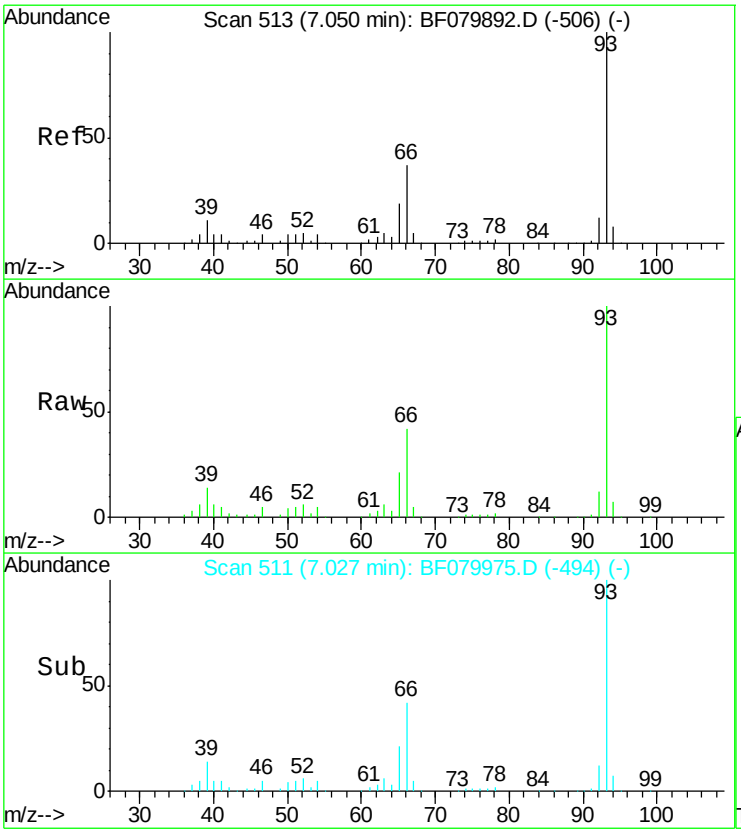

#5
2-Fluorophenol
Concen: 142.63 ng
RT: 5.99 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:112 Resp: 334348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.4 | 54.5 | 81.7 |
| 63 | 32.7 | 27.9 | 41.9 |

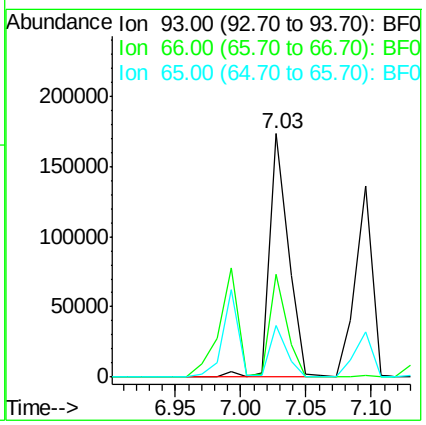


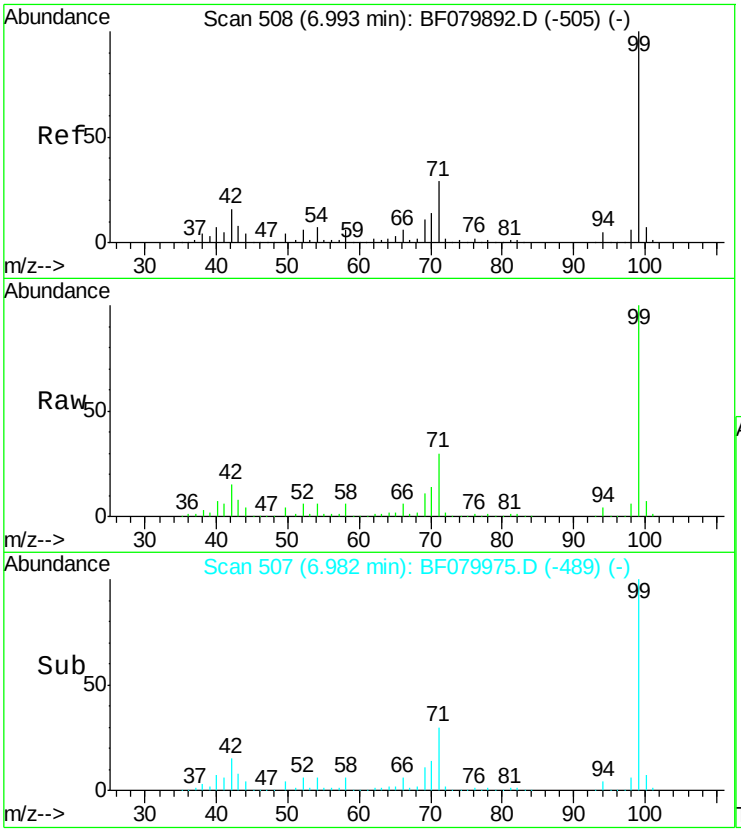




#6
Aniline
Concen: 38.09 ng
RT: 7.03 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 93 Resp: 176051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.2 | 29.4 | 44.0 |
| 65 | 21.1 | 14.9 | 22.3 |



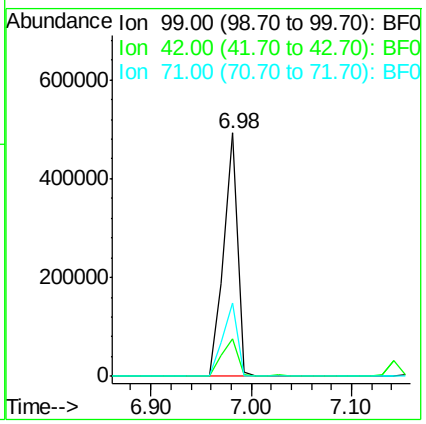


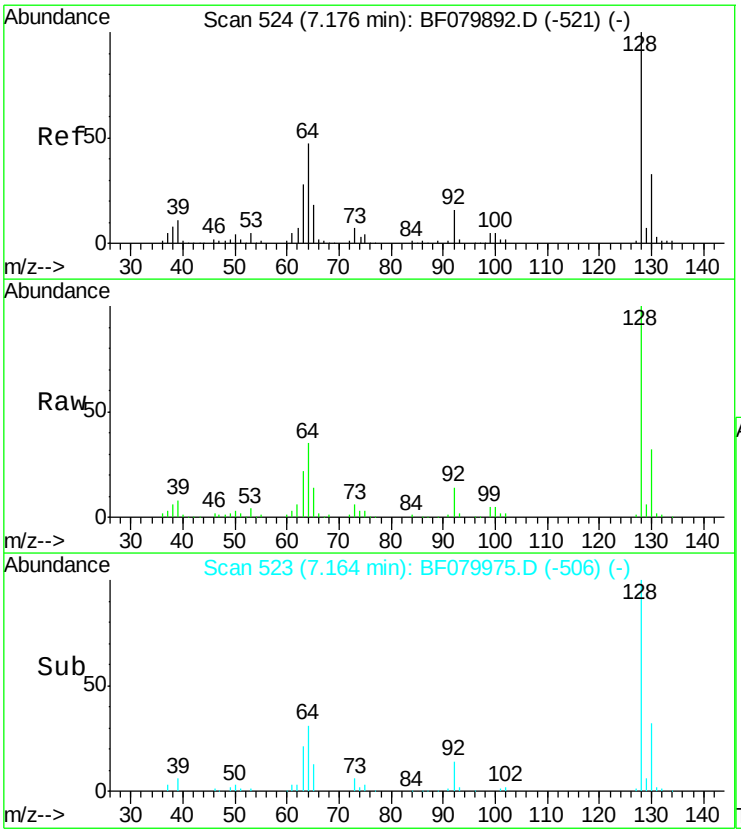

#7
Phenol-d6
Concen: 149.18 ng
RT: 6.98 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 99 Resp: 476448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.4 | 12.9 | 19.3 |
| 71 | 30.1 | 23.4 | 35.2 |

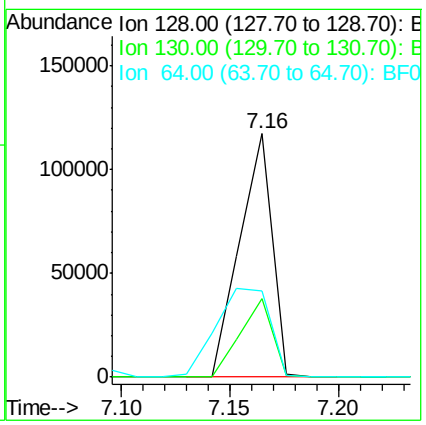


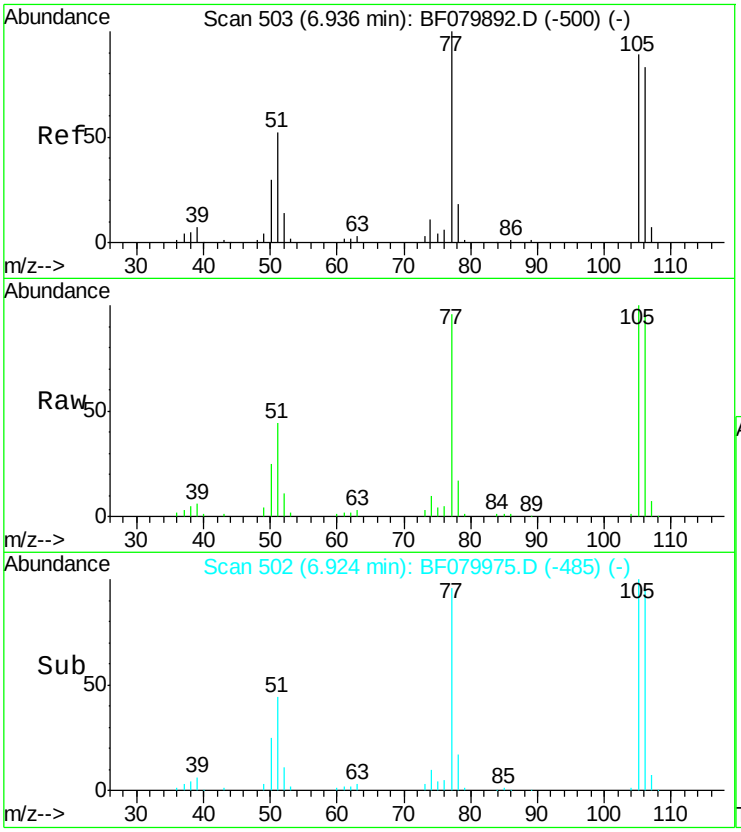




#8
2-Chlorophenol
Concen: 42.73 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:128 Resp: 121733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 13.1 | 53.1 |
| 64 | 35.3 | 26.8 | 66.8 |



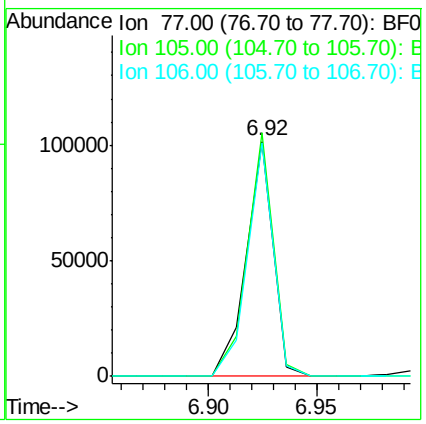


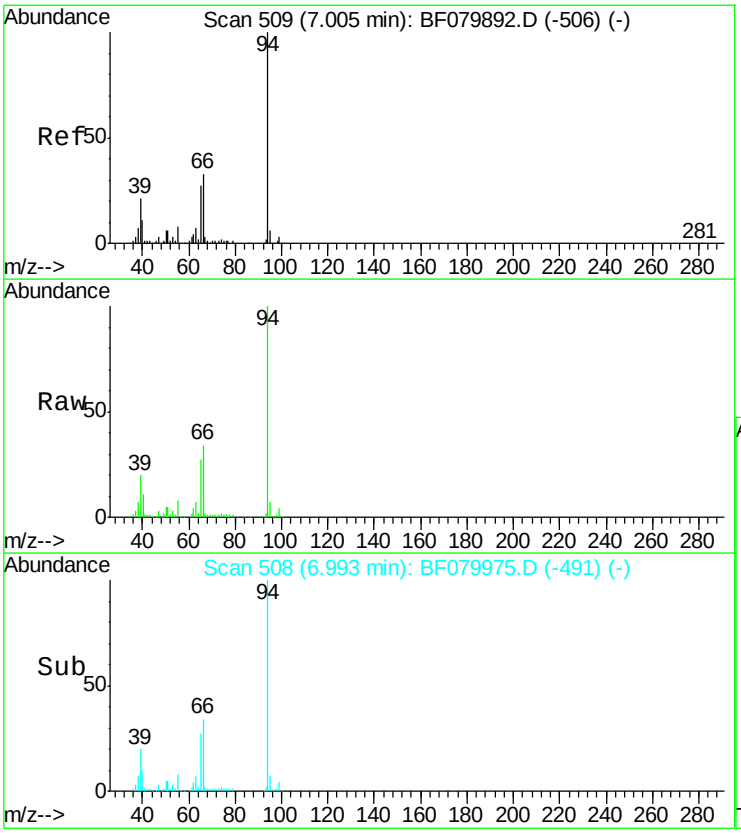

#9
Benzaldehyde
Concen:  47.35 ng
RT: 6.92 min  Scan# 502
Delta R.T.  -0.00 min
Lab File:  BF079975.D
Acq: 13 Jun 2015  13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 77 Resp:  86931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.7 | 68.6 | 108.6 |
| 106 | 99.4 | 63.3 | 103.3 |

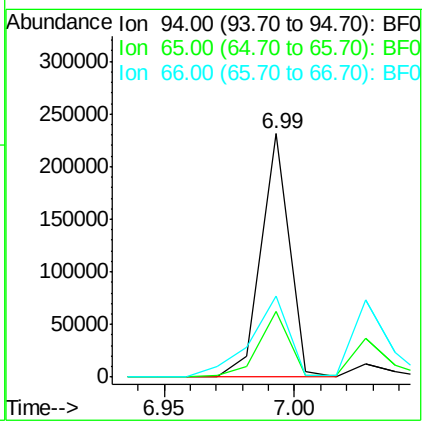


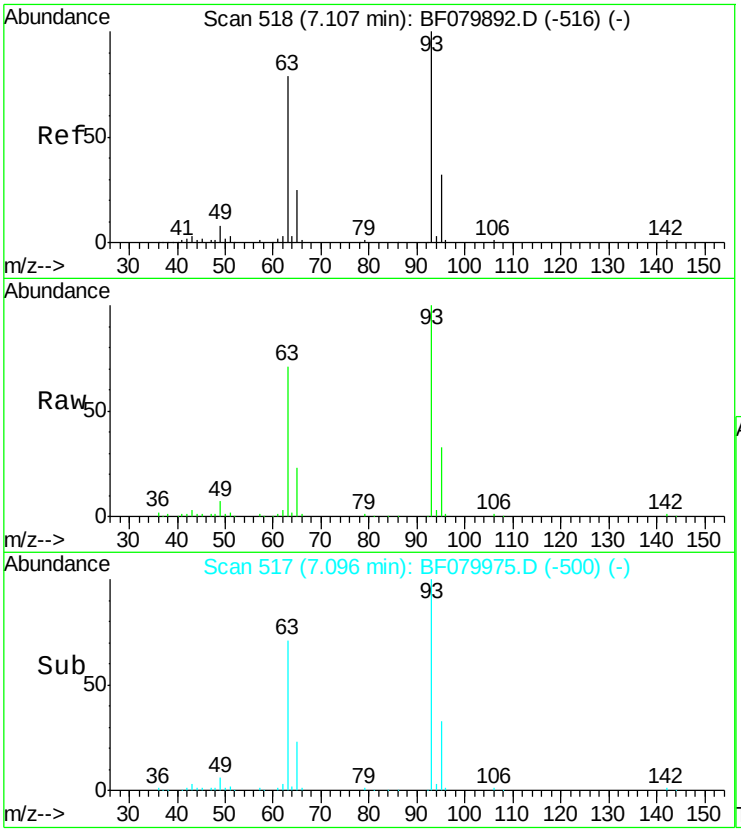




#10
Phenol
Concen:  50.36 ng
RT: 6.99 min  Scan# 508
Delta R.T.  -0.00 min
Lab File:  BF079975.D
Acq: 13 Jun 2015  13:03

Tgt Ion: 94 Resp:  176895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.0 | 7.0 | 47.0 |
| 66 | 33.5 | 13.3 | 53.3 |



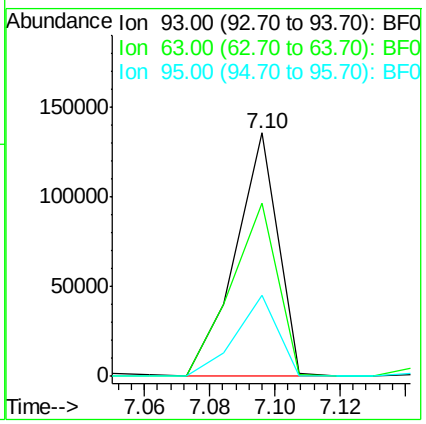


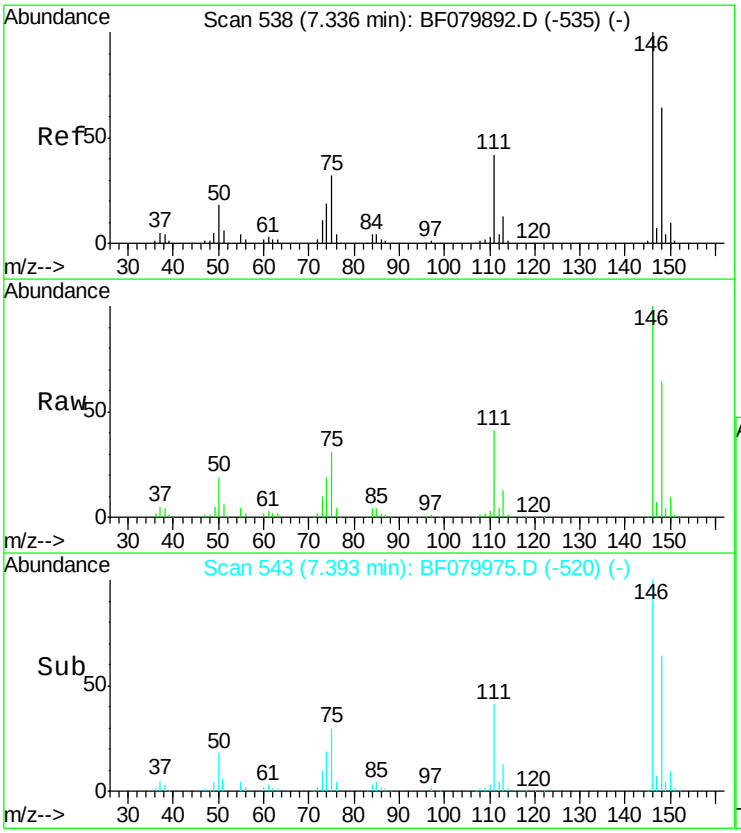

#11
bis(2-Chloroethyl)ether
Concen: 43.07 ng
RT: 7.10 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 93 Resp: 121737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.0 | 58.7 | 98.7 |
| 95 | 33.3 | 11.5 | 51.5 |

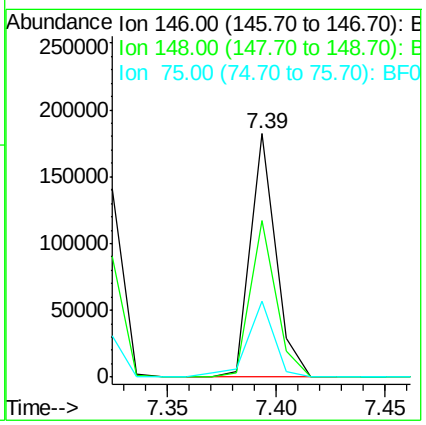


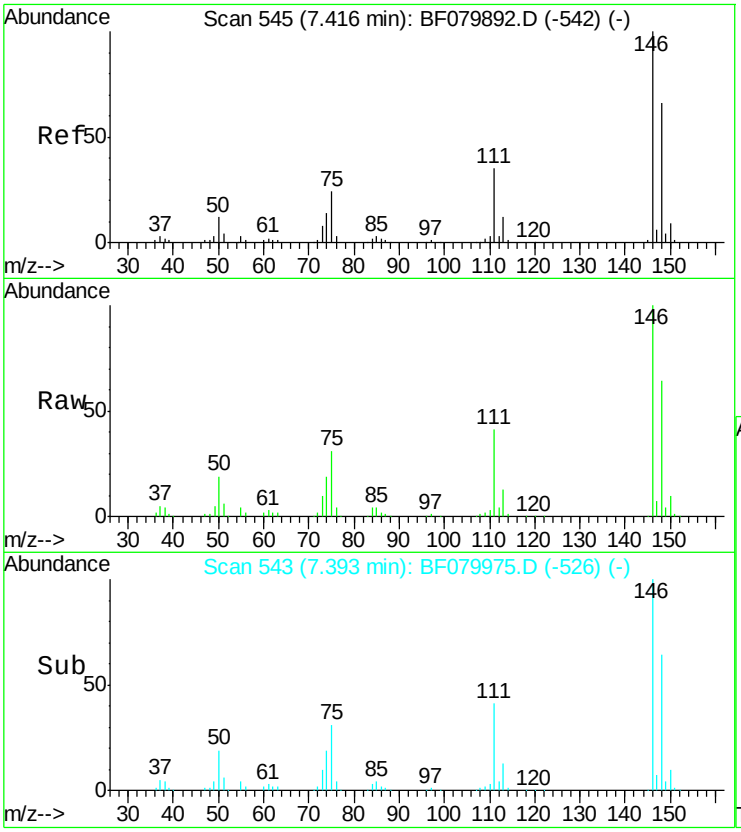




#12
1,3-Dichlorobenzene
Concen: 44.50 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.07 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:146 Resp: 147902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 50.9 | 76.3 |
| 75 | 31.3 | 25.8 | 38.6 |



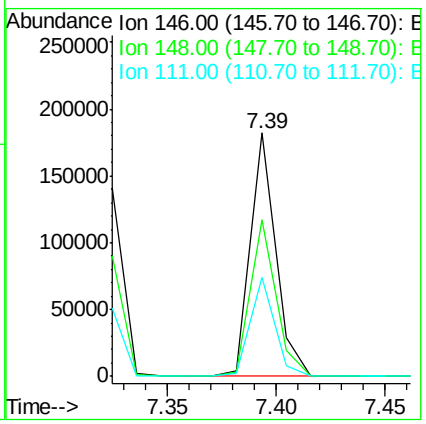


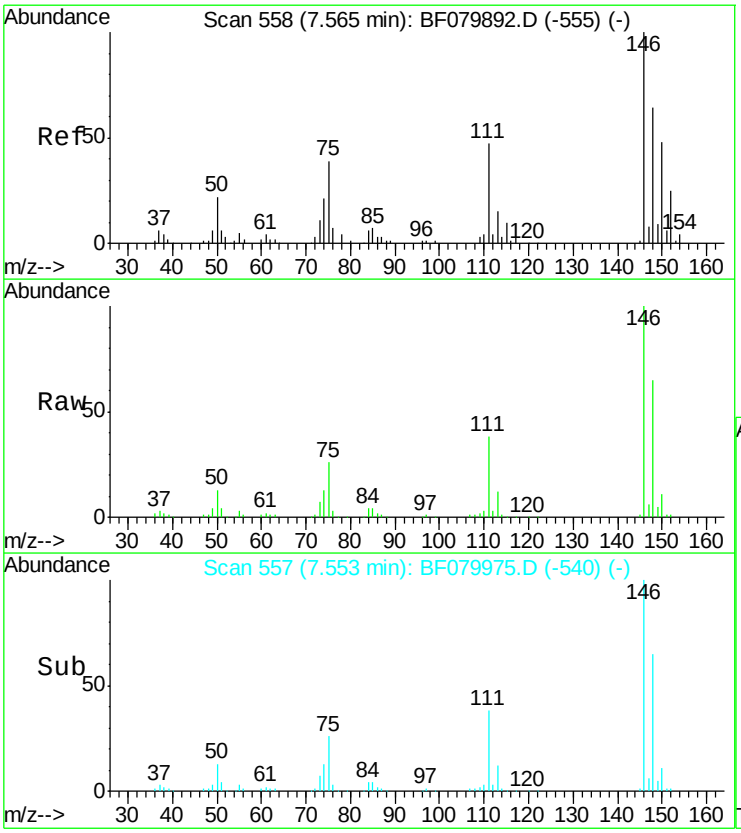

#13
1,4-Dichlorobenzene
Concen: 42.84 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:146 Resp: 147902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 53.0 | 79.6 |
| 111 | 40.7 | 28.2 | 42.2 |

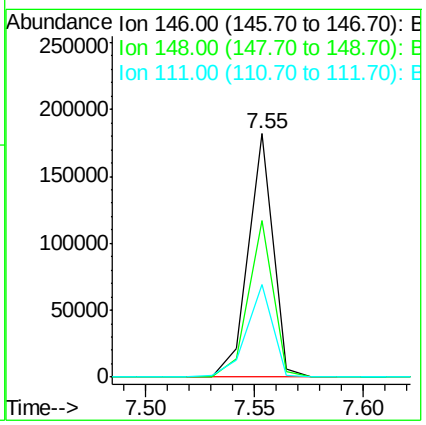


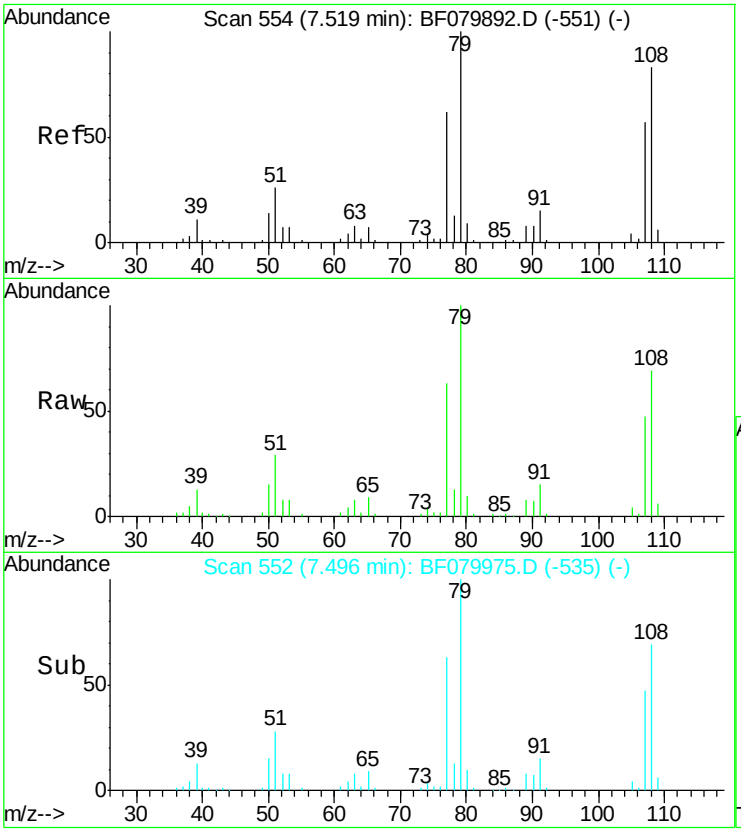




#14
1,2-Dichlorobenzene
Concen: 46.79 ng
RT: 7.55 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:146 Resp: 143475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 51.2 | 76.8 |
| 111 | 38.2 | 37.3 | 55.9 |



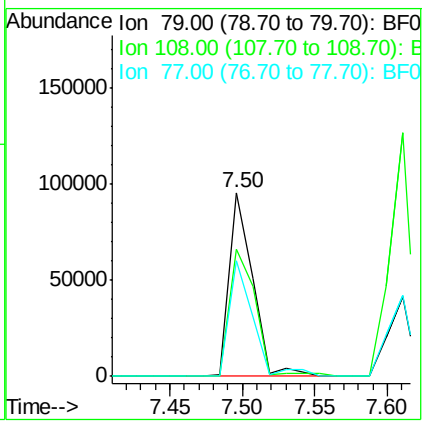


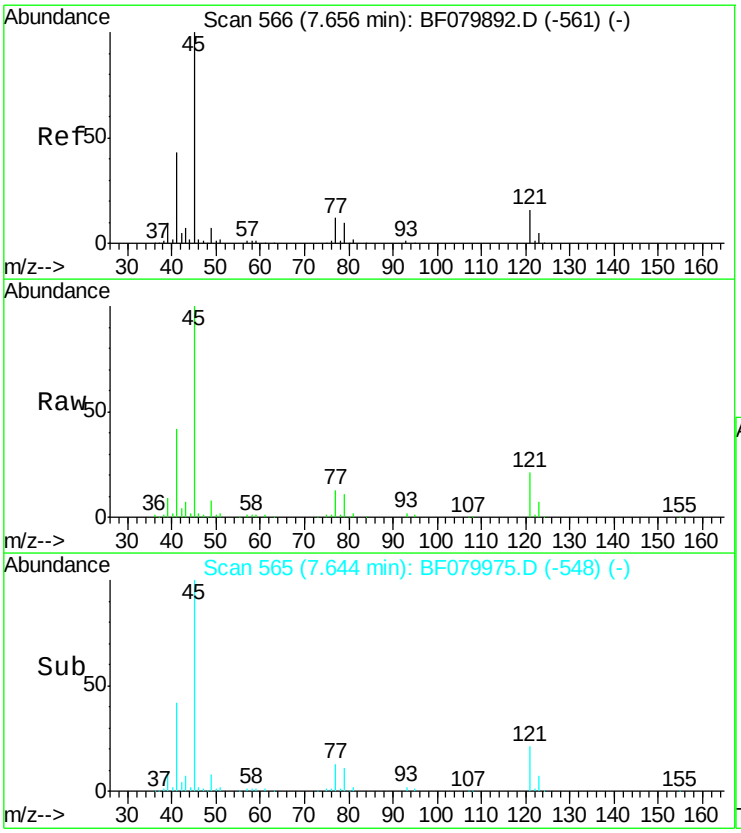

#15
Benzyl Alcohol
Concen: 41.49 ng
RT: 7.50 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 79 Resp: 106239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.1 | 66.4 | 99.6 |
| 77 | 63.2 | 49.4 | 74.0 |

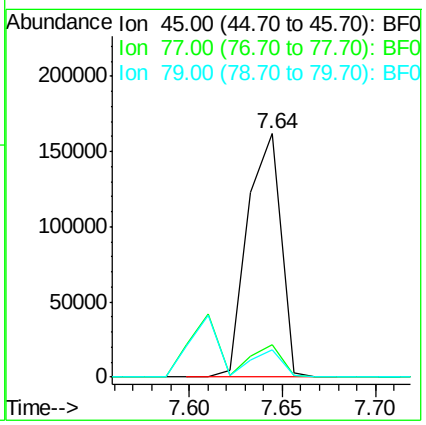


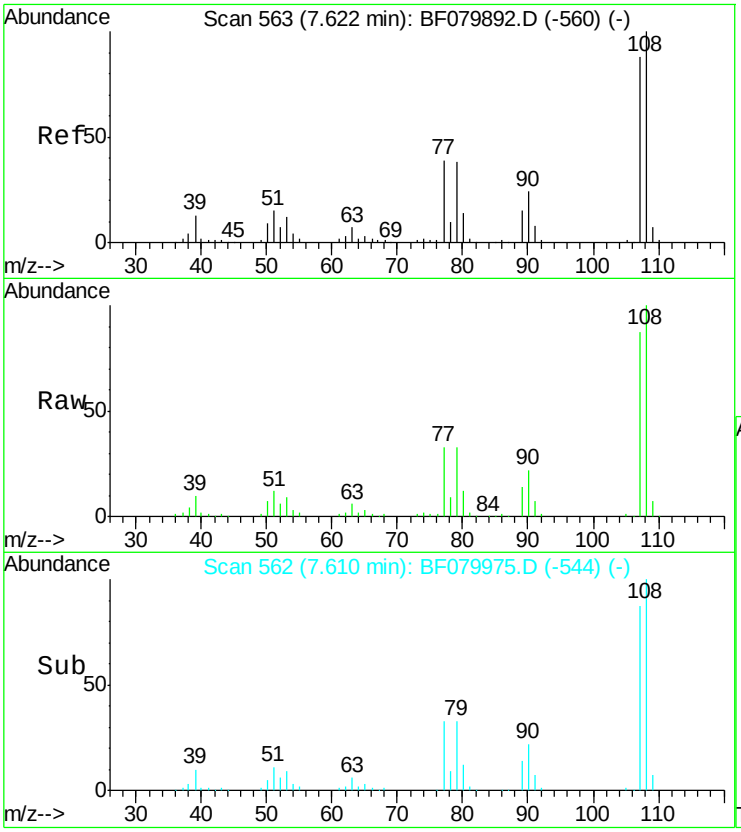




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.96 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 45 Resp: 200770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.3 | 0.0 | 31.9 |
| 79 | 11.0 | 0.0 | 29.6 |



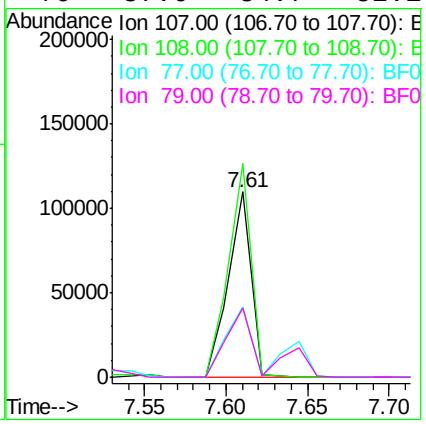


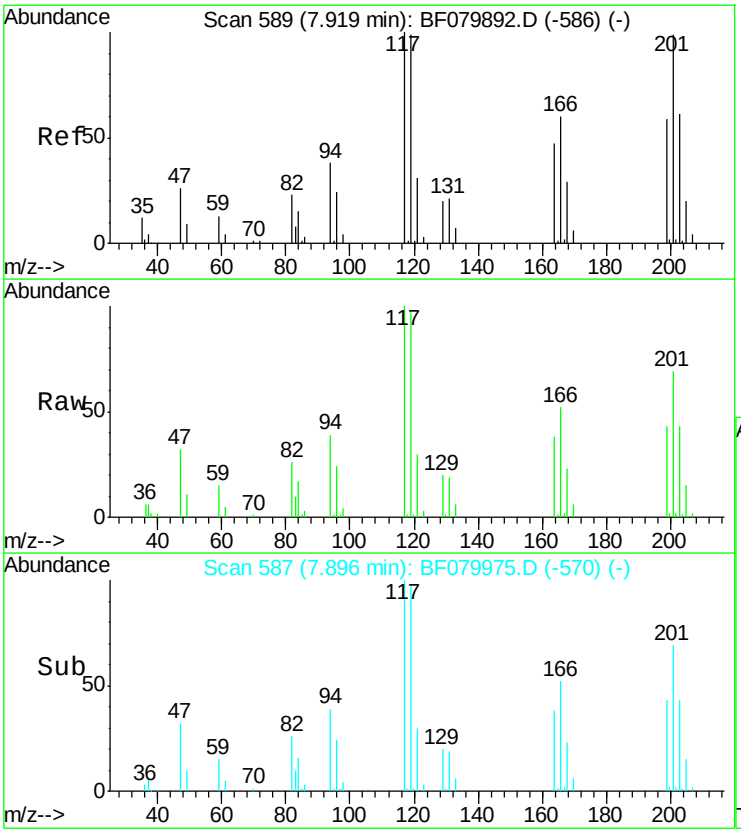

#17
2-Methylphenol
Concen: 42.09 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:107 Resp: 104766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.4 | 90.8 | 136.2 |
| 77 | 38.3 | 35.4 | 53.2 |
| 79 | 37.6 | 34.7 | 52.1 |

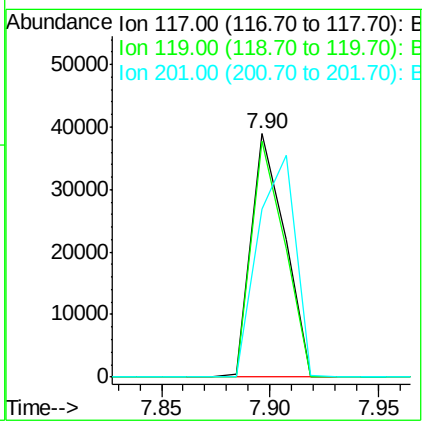


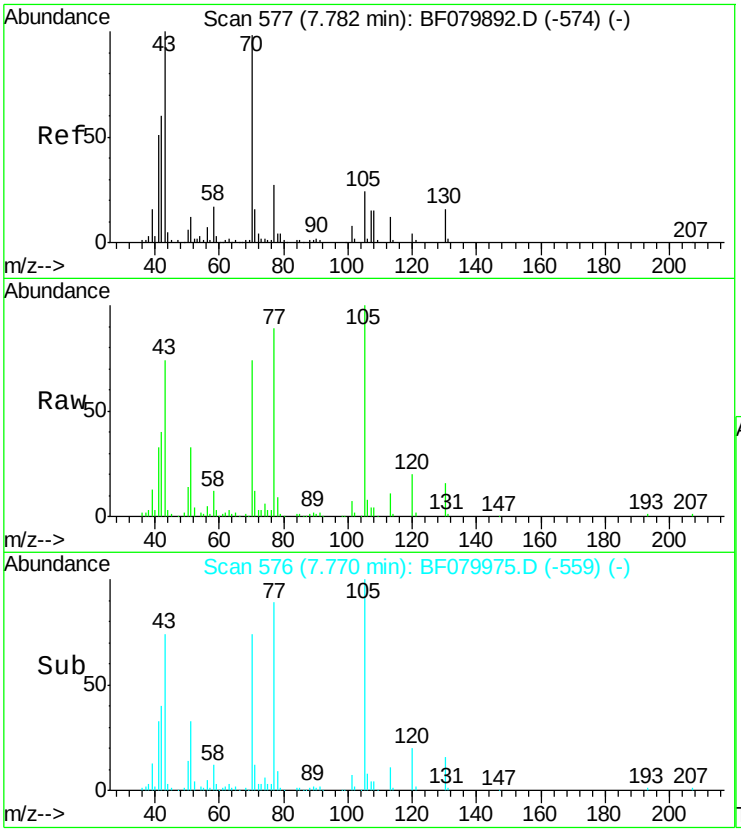




#18
Hexachloroethane
Concen: 39.39 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:117 Resp: 42109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 79.0 | 118.6 |
| 201 | 69.0 | 79.0 | 118.6# |



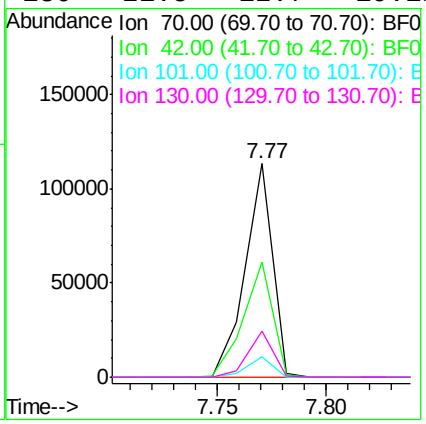


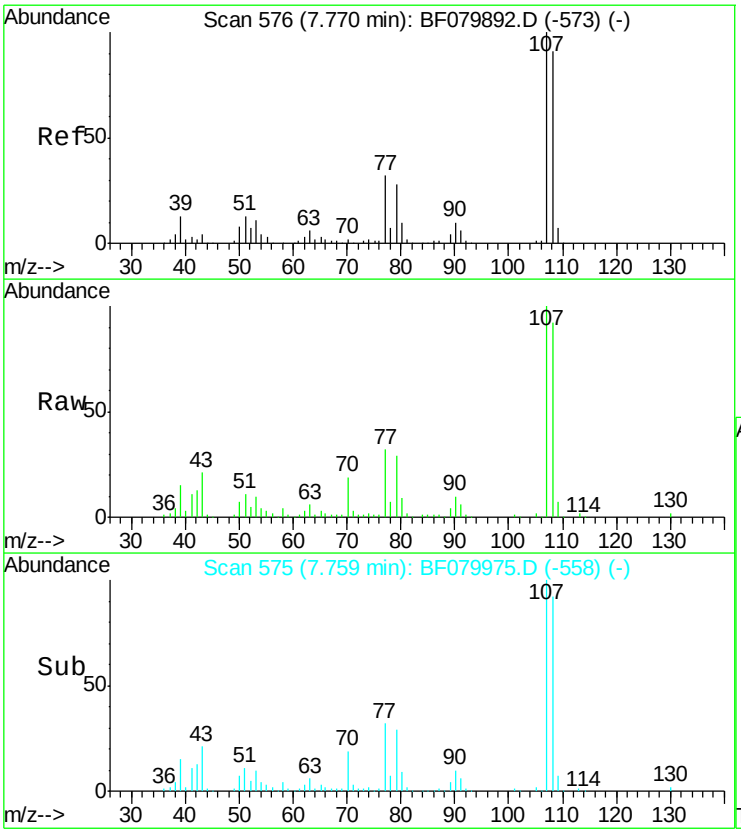

#19
n-Nitroso-di-n-propylamine
Concen: 43.39 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 70 Resp: 99022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.2 | 49.0 | 73.4 |
| 101 | 9.7 | 6.6 | 9.8 |
| 130 | 21.5 | 12.7 | 19.1# |

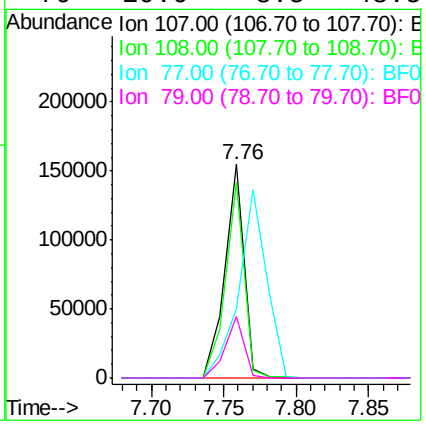


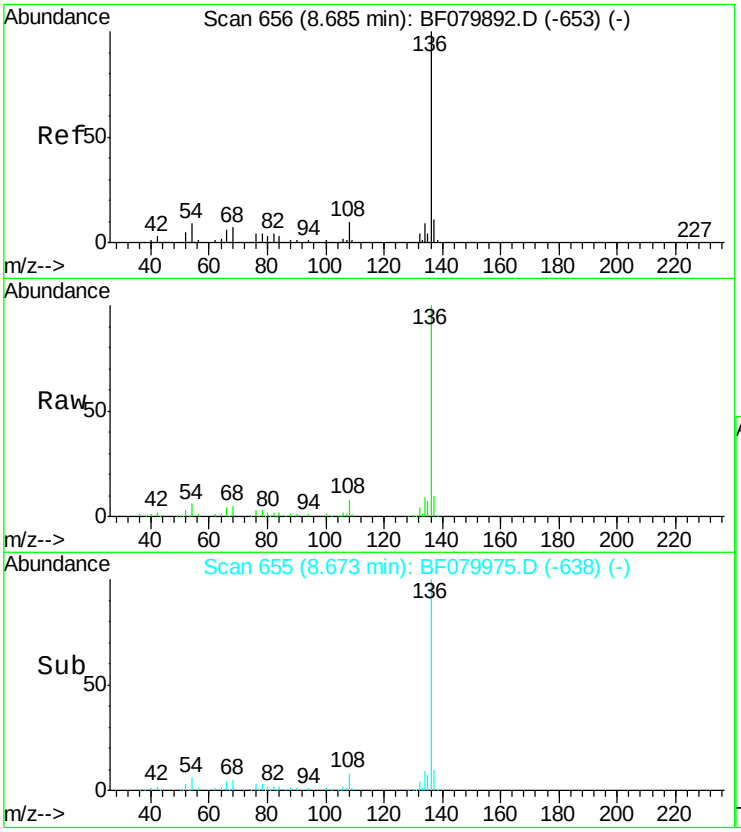




#20
3+4-Methylphenols
Concen: 44.86 ng
RT: 7.76 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:107 Resp: 142722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.8 | 71.1 | 111.1 |
| 77 | 32.1 | 12.2 | 52.2 |
| 79 | 29.0 | 8.5 | 48.5 |



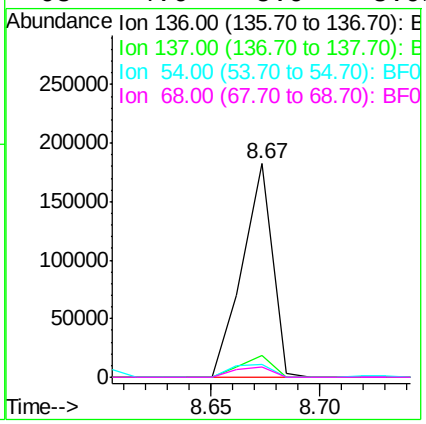


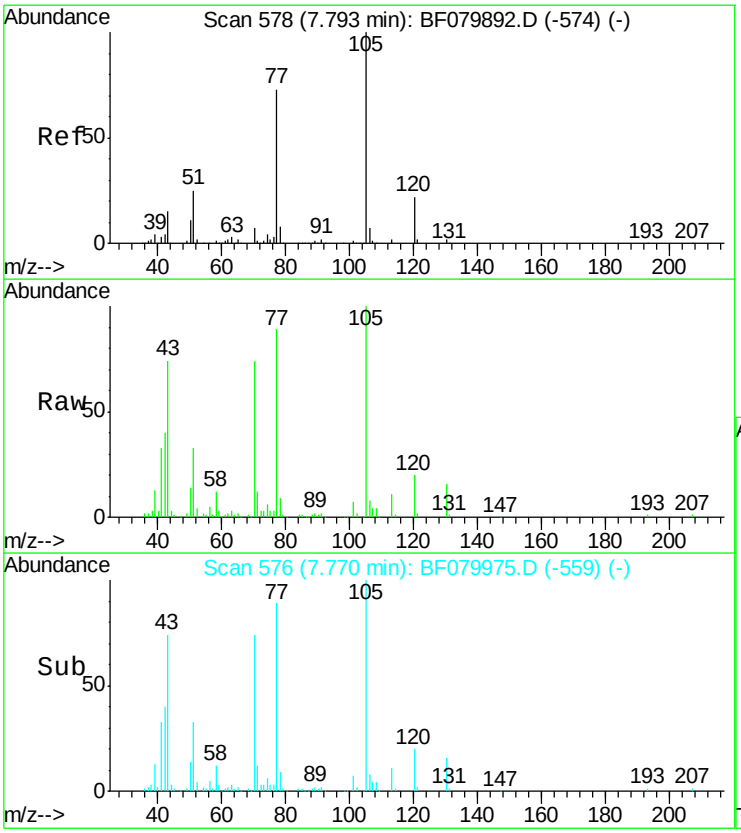

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:136 Resp: 175348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.9 | 8.7 | 13.1 |
| 54 | 6.1 | 7.3 | 10.9# |
| 68 | 4.6 | 5.9 | 8.9# |

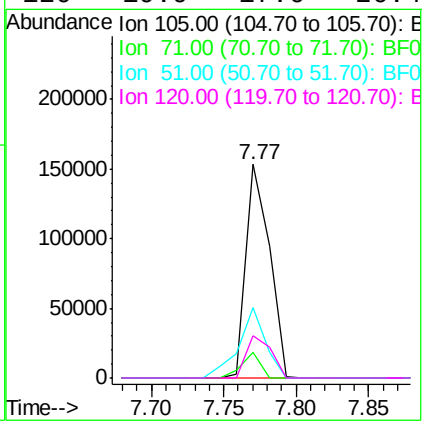


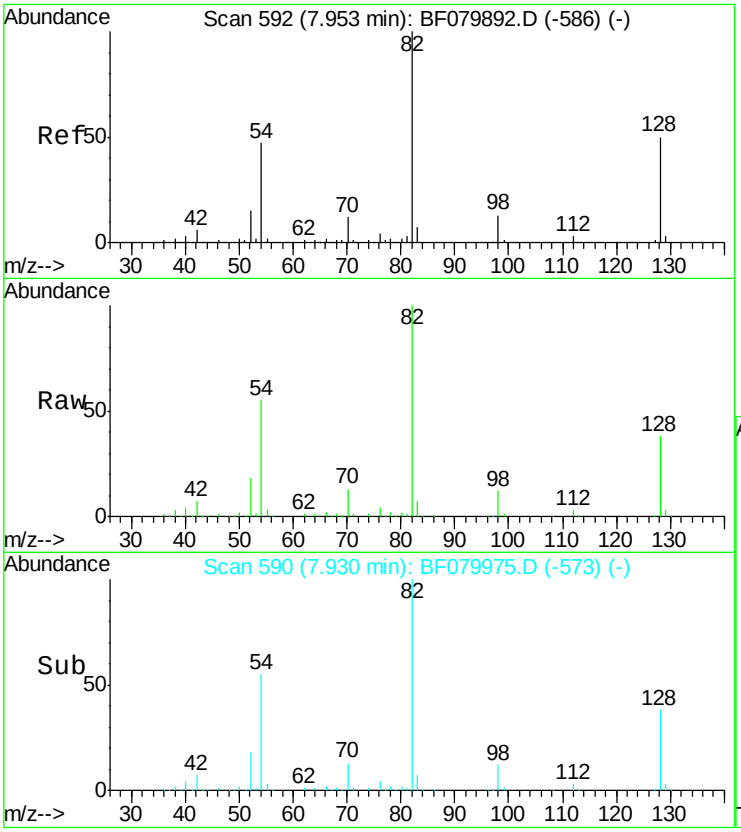




#22
Acetophenone
Concen: 41.80 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:105 Resp: 173116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 12.0 | 1.0 | 1.4# |
| 51 | 32.8 | 19.8 | 29.6# |
| 120 | 19.9 | 17.6 | 26.4 |



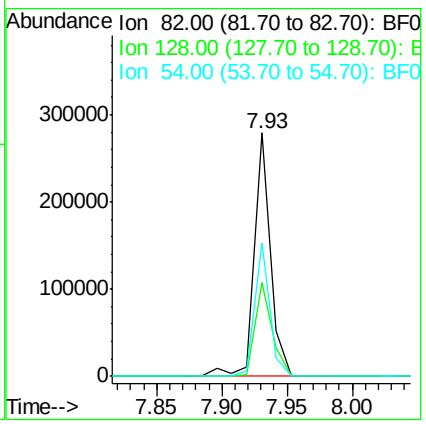


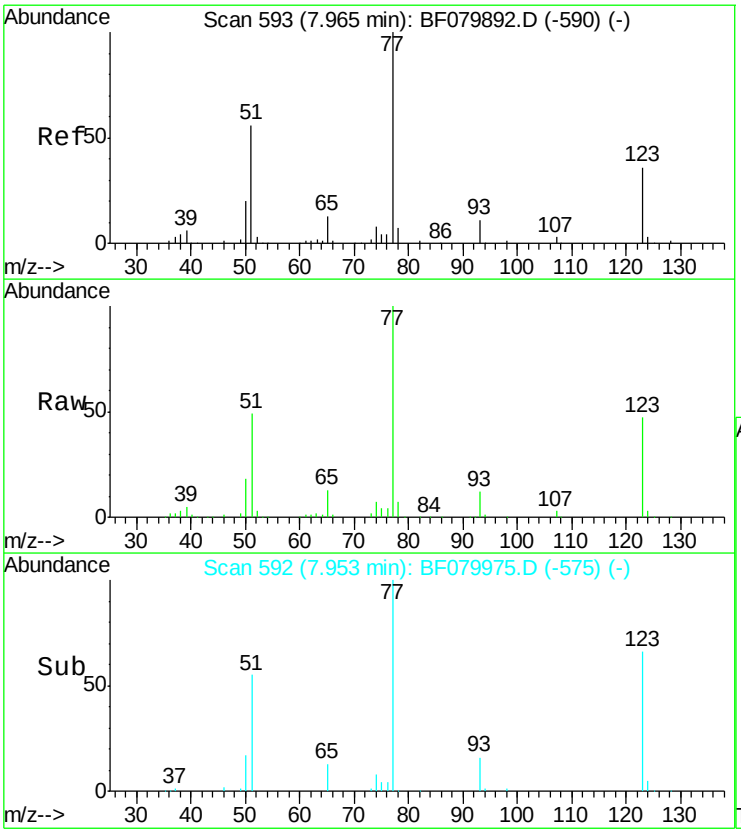

#23
Nitrobenzene-d5
Concen: 92.24 ng
RT: 7.93 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 82 Resp: 245140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.5 | 40.3 | 60.5# |
| 54 | 54.9 | 38.0 | 57.0 |

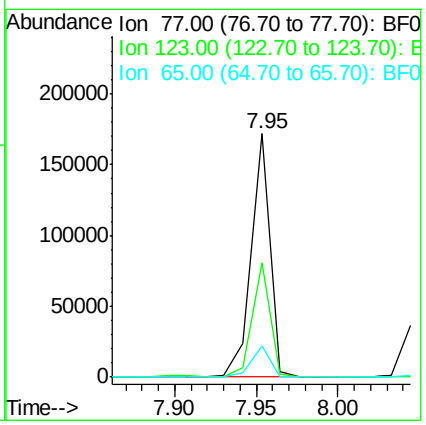


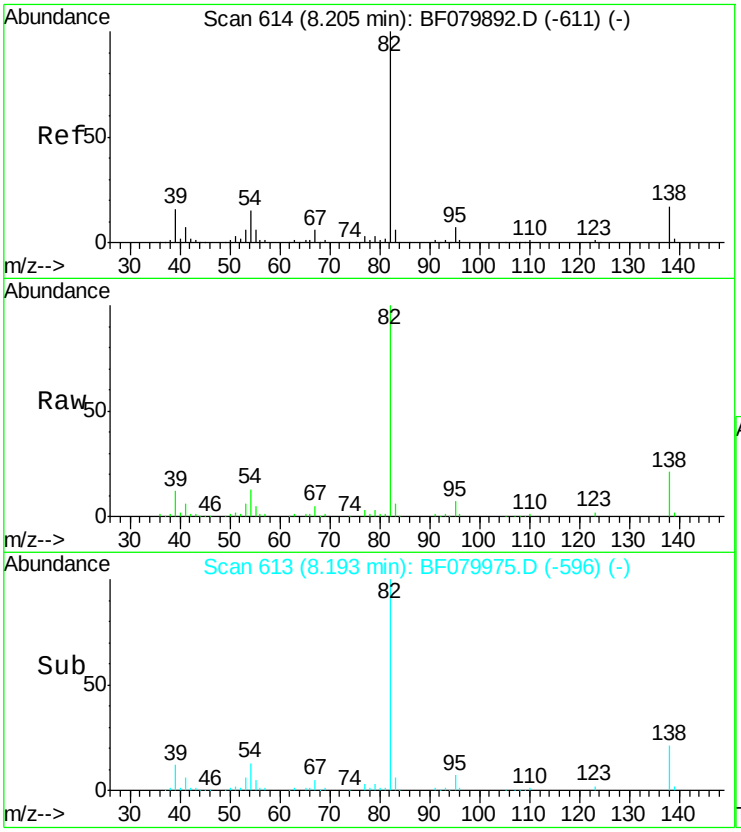




#24
Nitrobenzene
Concen: 48.76 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 77 Resp: 137858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.8 | 28.8 | 43.2# |
| 65 | 12.6 | 10.3 | 15.5 |



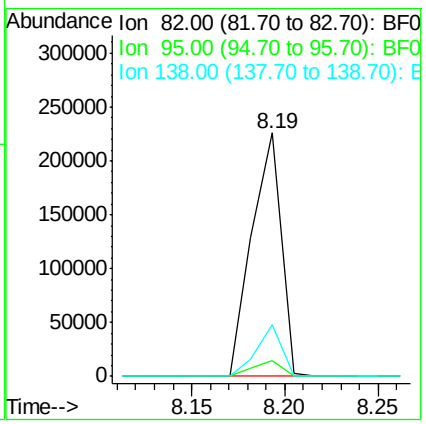


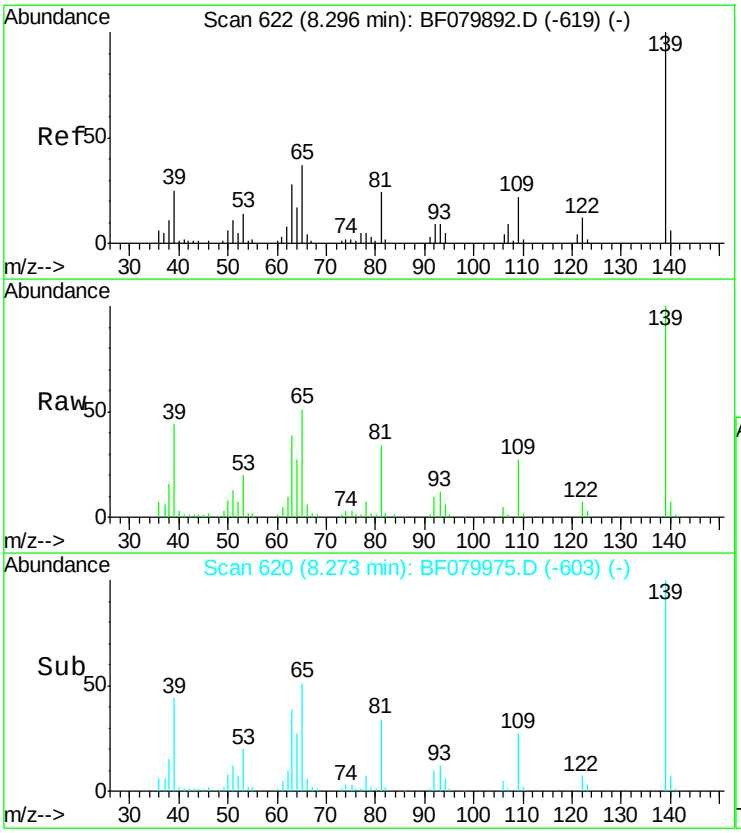

#25
Isophorone
Concen: 39.62 ng
RT: 8.19 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 82 Resp: 245023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.2 | 7.8 |
| 138 | 21.4 | 13.3 | 19.9# |

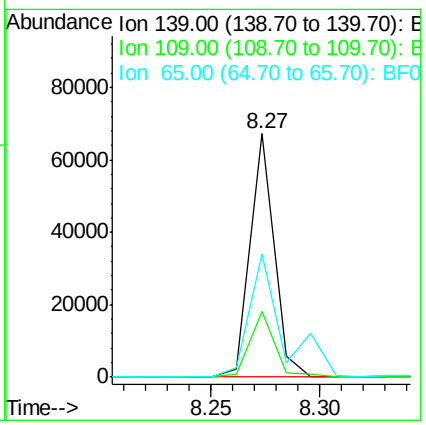


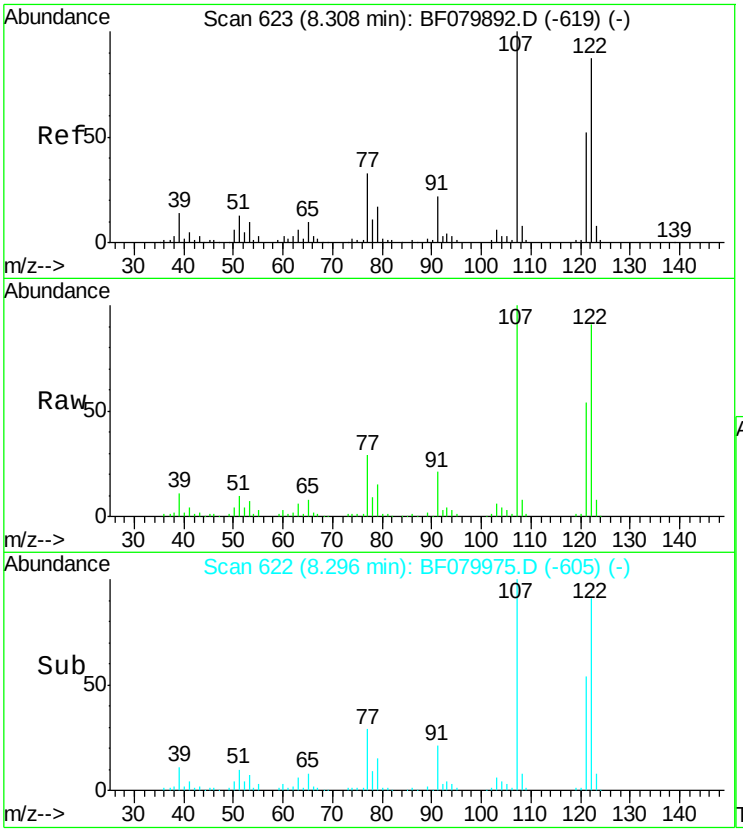




#26
2-Nitrophenol
Concen: 51.86 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:139 Resp: 51773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.8 | 17.8 | 26.6# |
| 65 | 50.8 | 29.4 | 44.0# |



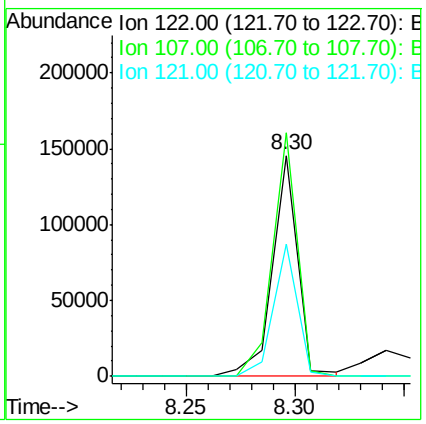


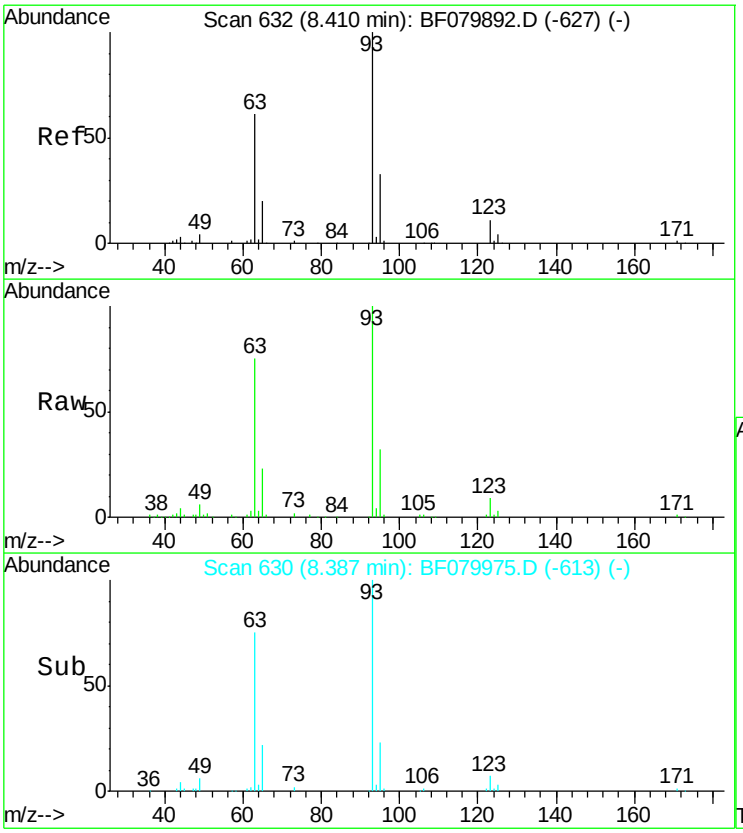

#27
2,4-Dimethylphenol
Concen: 43.28 ng
RT: 8.30 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:122 Resp: 119952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.3 | 91.7 | 137.5 |
| 121 | 59.6 | 47.8 | 71.6 |

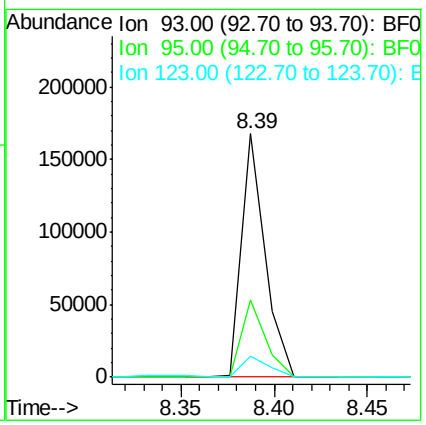


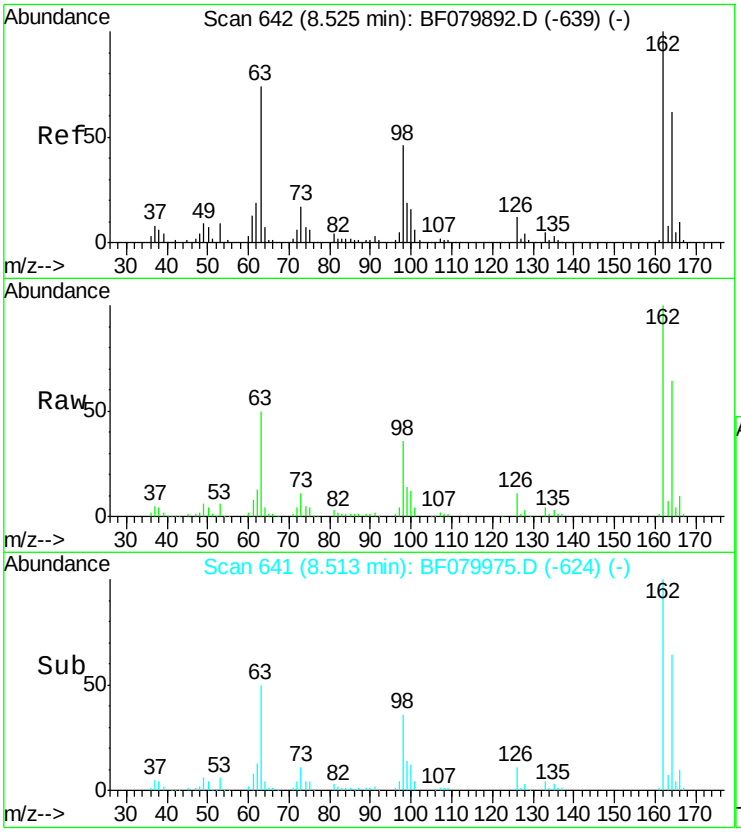




#28
bis(2-Chloroethoxy)methane
Concen: 40.15 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 93 Resp: 147436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.5 | 26.1 | 39.1 |
| 123 | 8.8 | 8.9 | 13.3# |



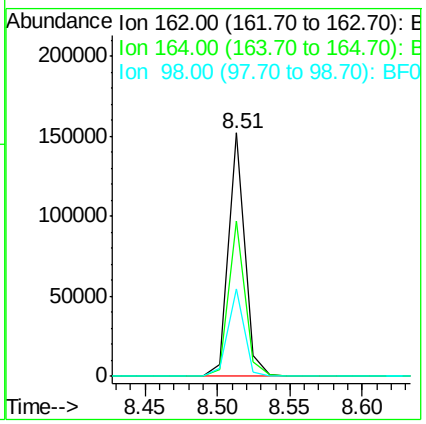


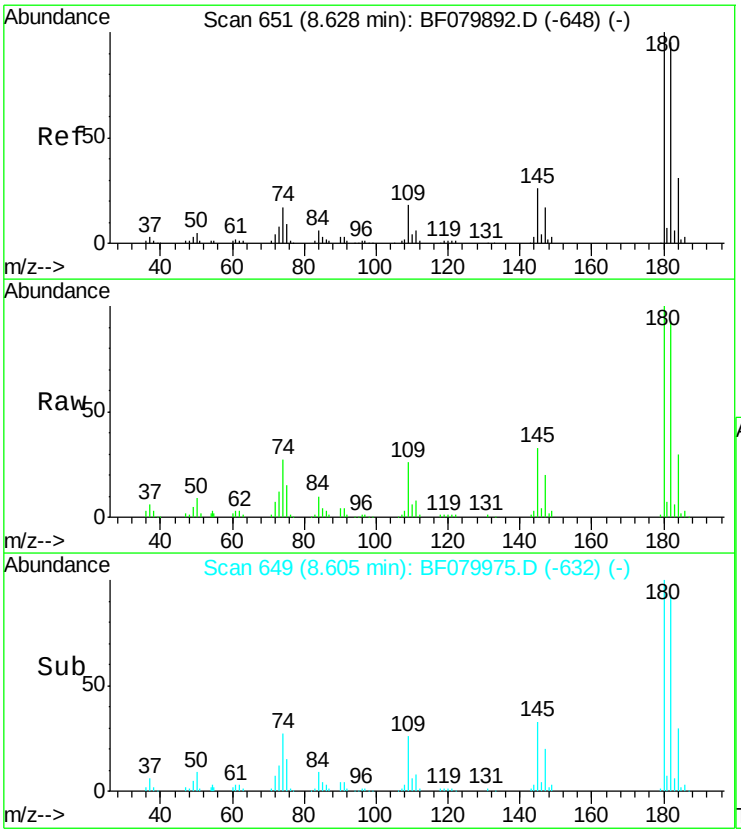

#29
2,4-Dichlorophenol
Concen: 51.46 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:162 Resp: 119461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 42.2 | 82.2 |
| 98 | 35.7 | 26.0 | 66.0 |

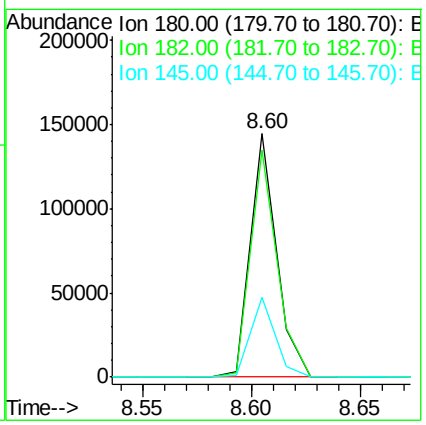


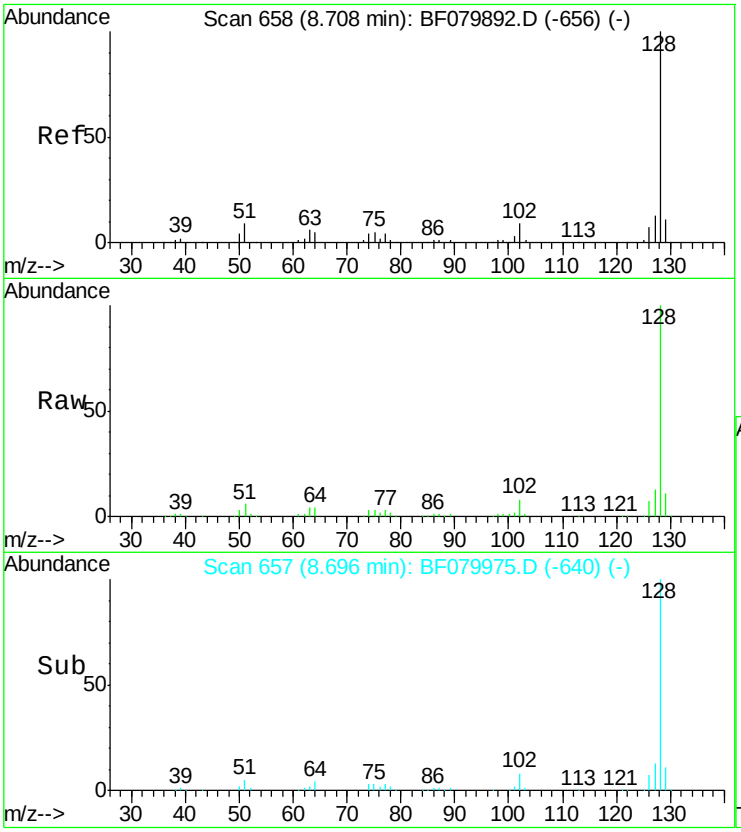




#30
1,2,4-Trichlorobenzene
Concen: 40.95 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:180 Resp: 120830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.1 | 75.7 | 113.5 |
| 145 | 32.6 | 21.1 | 31.7# |



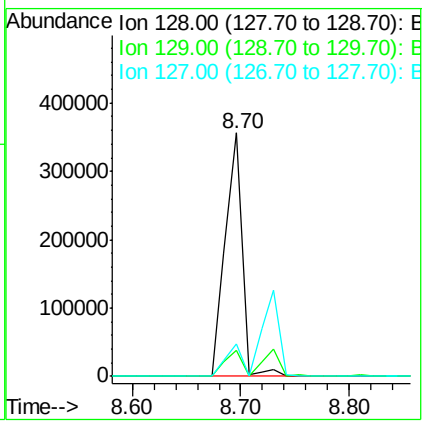


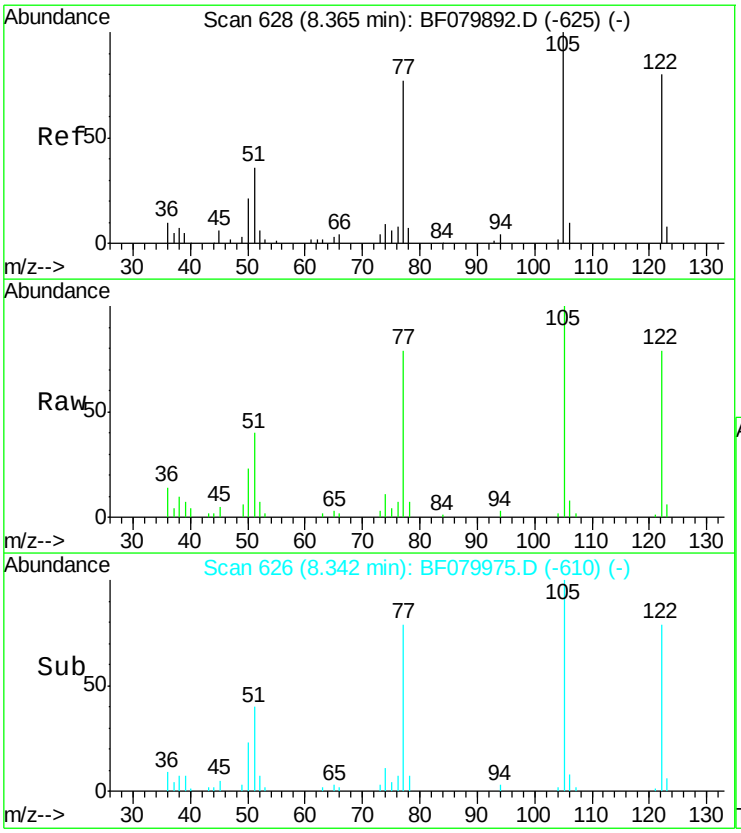

#31
Naphthalene
Concen: 39.87 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:128 Resp: 382158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.8 | 13.2 |
| 127 | 13.2 | 10.5 | 15.7 |

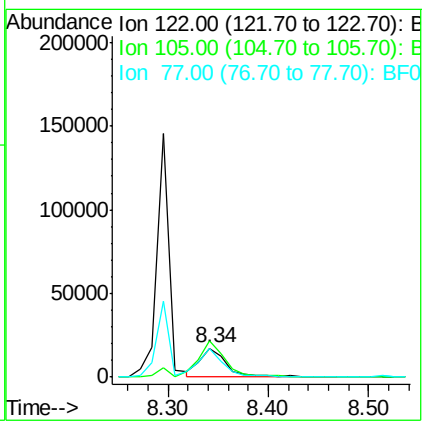


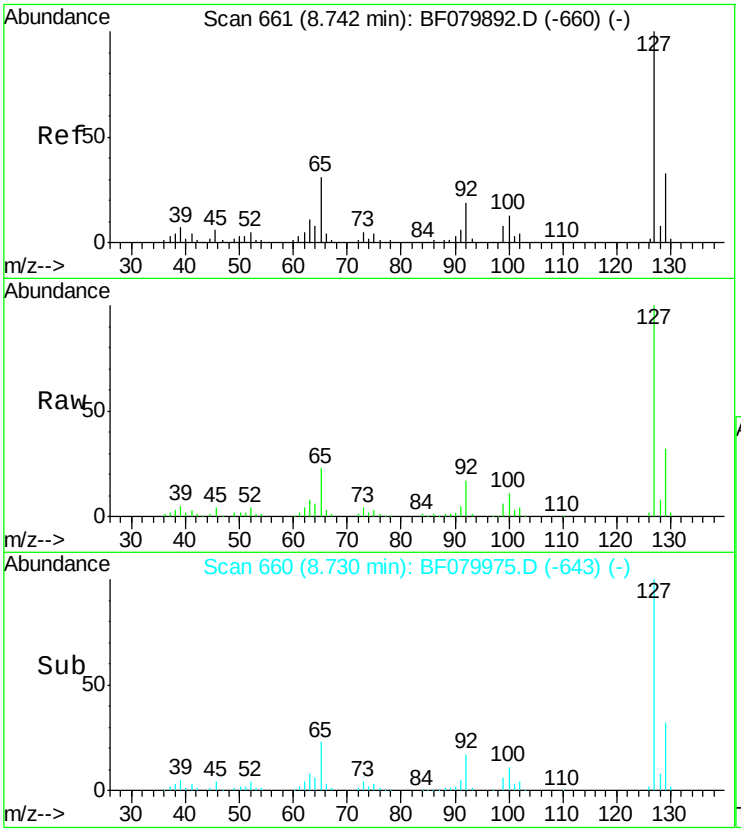




#32
Benzoic acid
Concen: 33.10 ng
RT: 8.34 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:122 Resp: 32342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.1 | 102.7 | 142.7 |
| 77 | 100.0 | 77.1 | 117.1 |



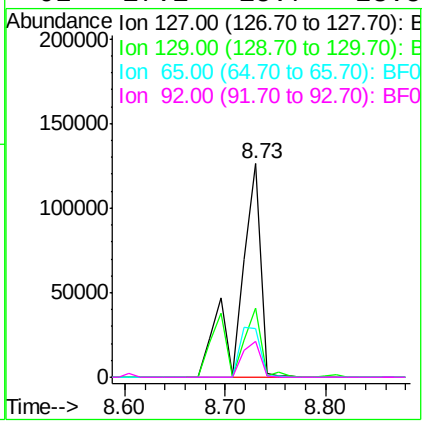


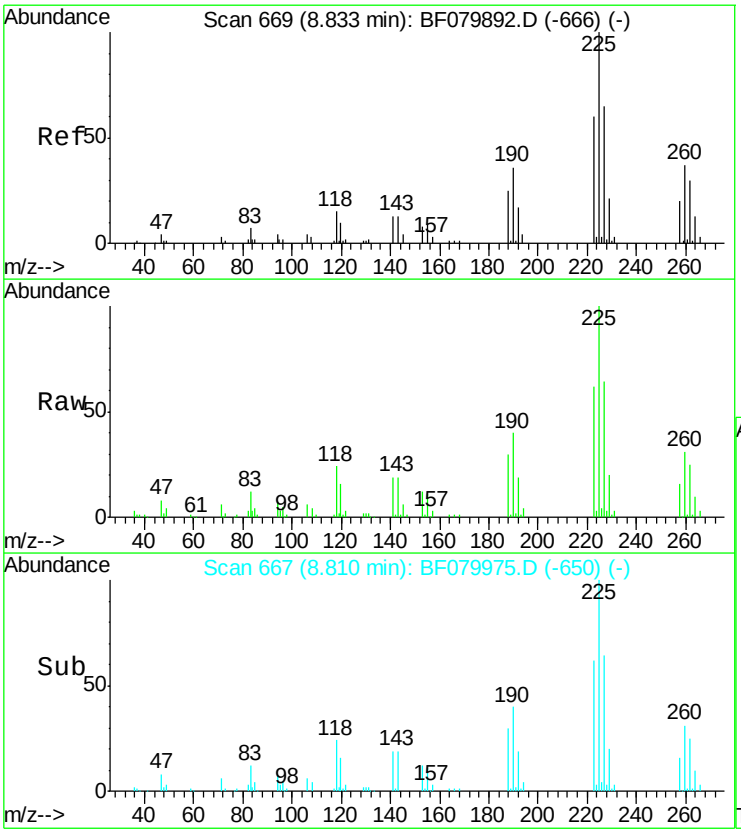

#33
4-Chloroaniline
Concen: 49.88 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:127 Resp: 185572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.1 | 39.1 |
| 65 | 22.9 | 25.5 | 38.3# |
| 92 | 17.1 | 15.7 | 23.5 |

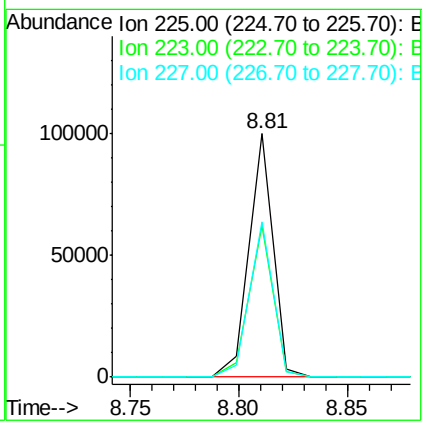


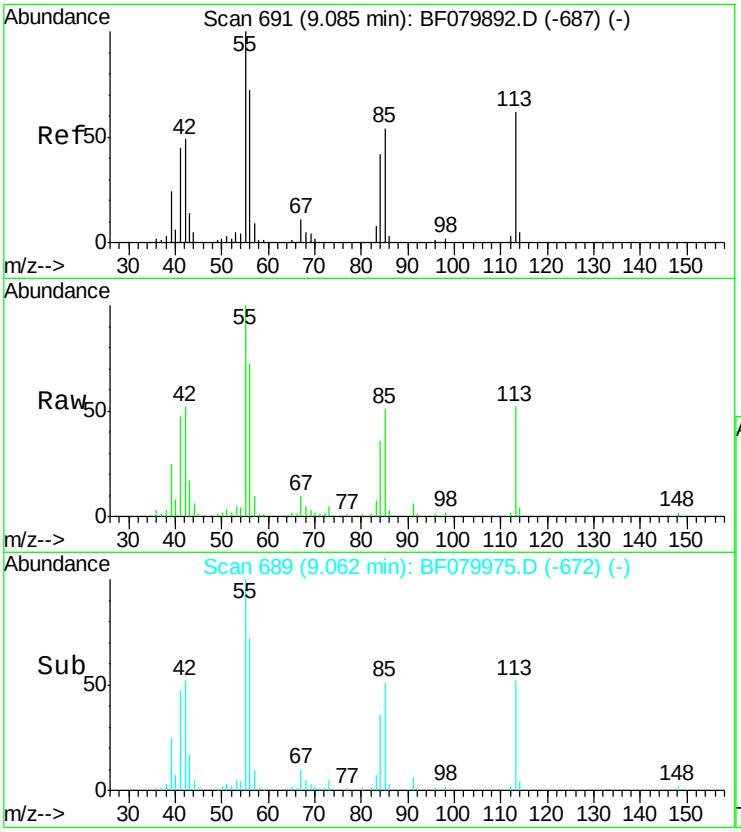




#34
Hexachlorobutadiene
Concen: 46.69 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:225 Resp: 76474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 47.8 | 71.6 |
| 227 | 63.9 | 52.0 | 78.0 |



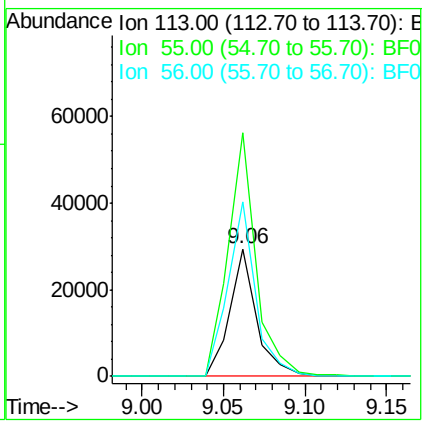


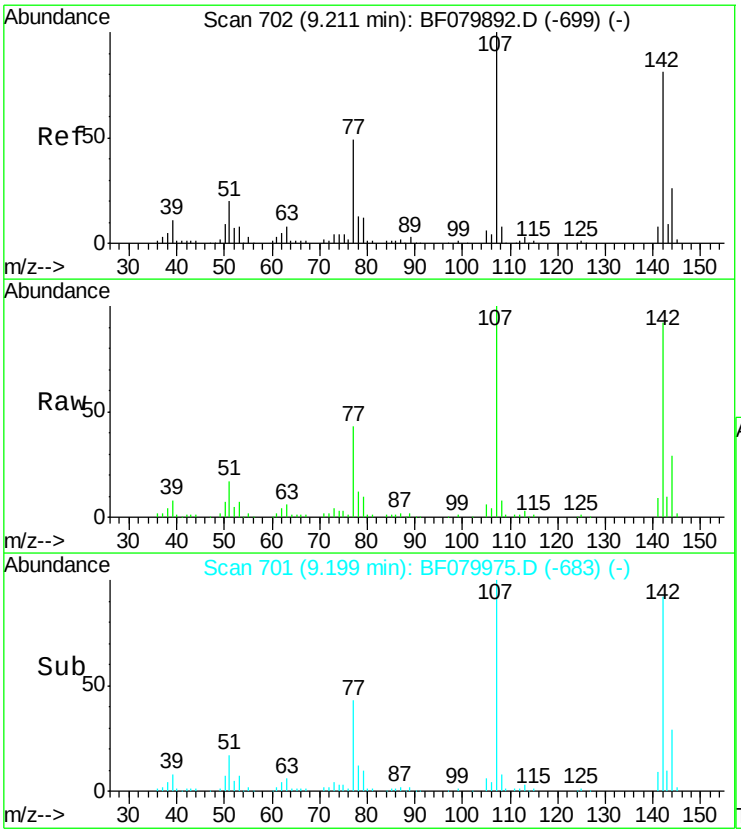

#35
Caprolactam
Concen: 45.32 ng
RT: 9.06 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:113 Resp: 33275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 190.6 | 141.4 | 181.4# |
| 56 | 136.9 | 95.9 | 135.9# |

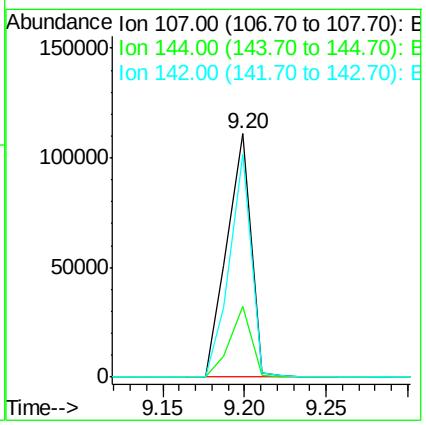


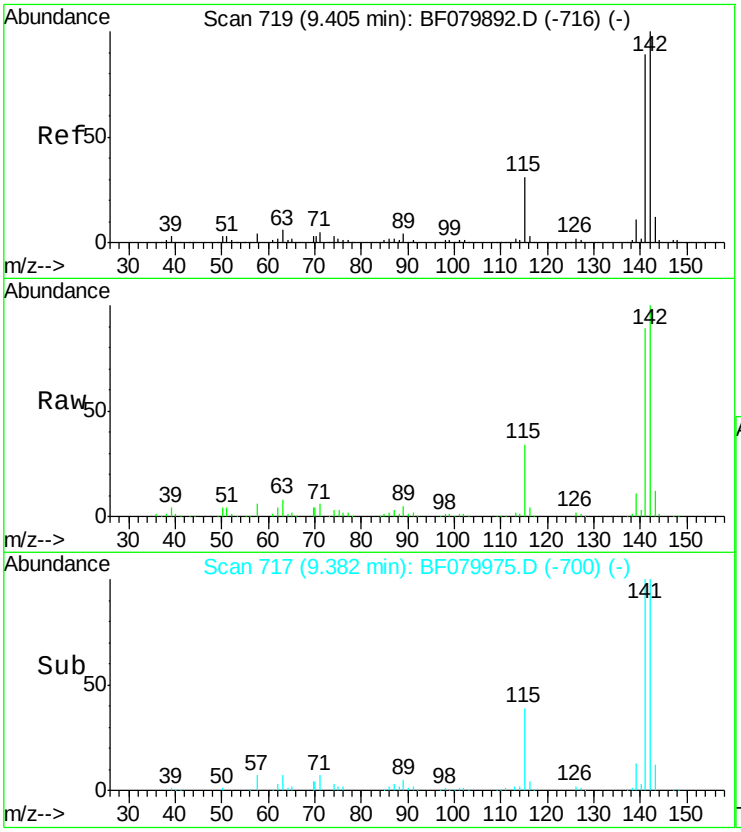




#36
4-Chloro-3-methylphenol
Concen: 42.65 ng
RT: 9.20 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:107 Resp: 113106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.1 | 21.0 | 31.6 |
| 142 | 91.5 | 64.5 | 96.7 |



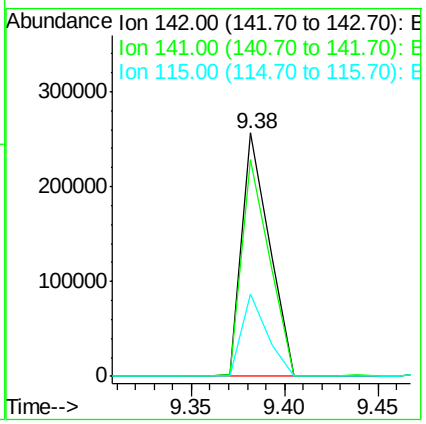


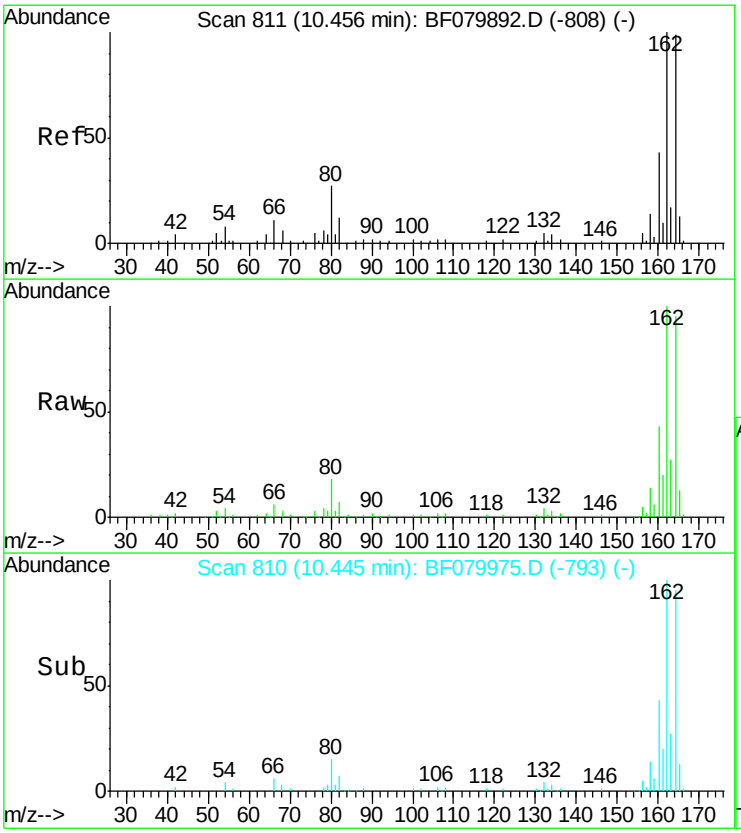

#37
2-Methylnaphthalene
Concen: 40.63 ng
RT: 9.38 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:142 Resp: 263098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 70.9 | 106.3 |
| 115 | 34.1 | 25.0 | 37.4 |

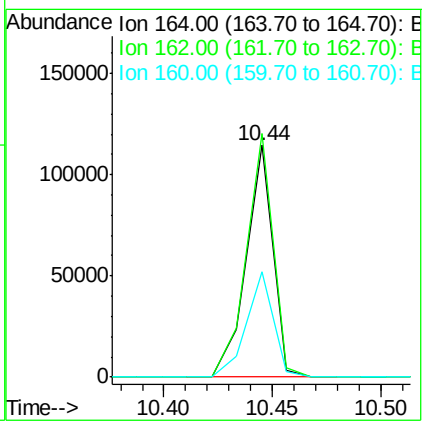


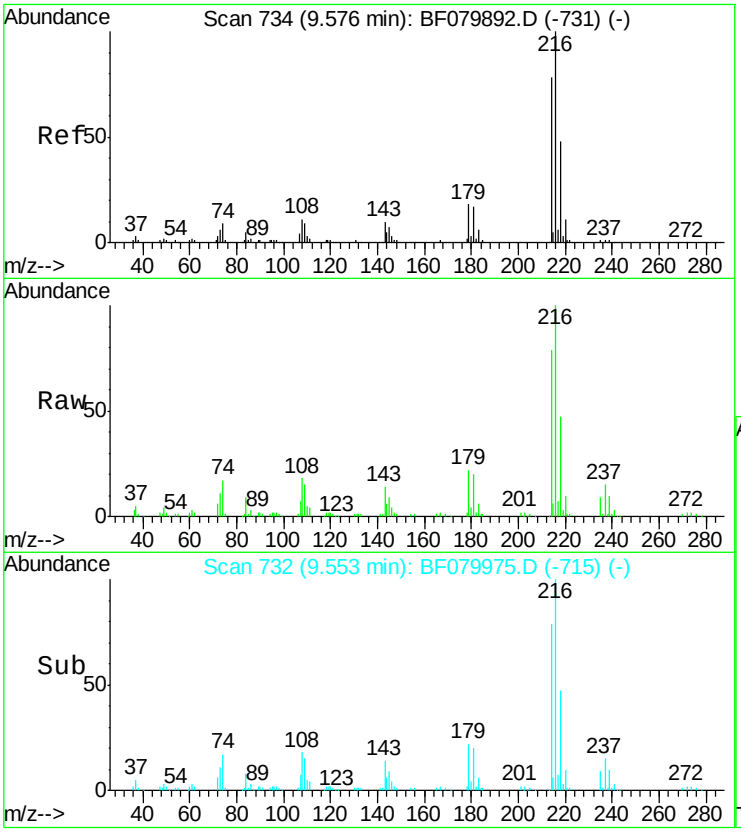




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:164 Resp: 96930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.0 | 80.7 | 121.1 |
| 160 | 45.3 | 34.6 | 51.8 |



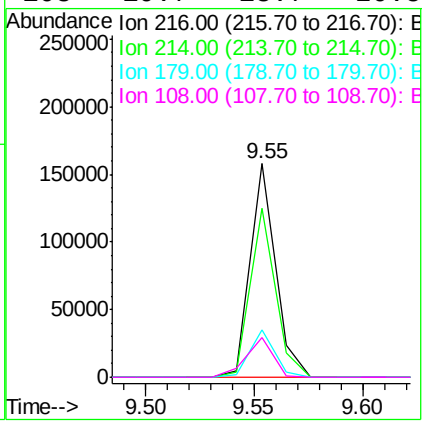


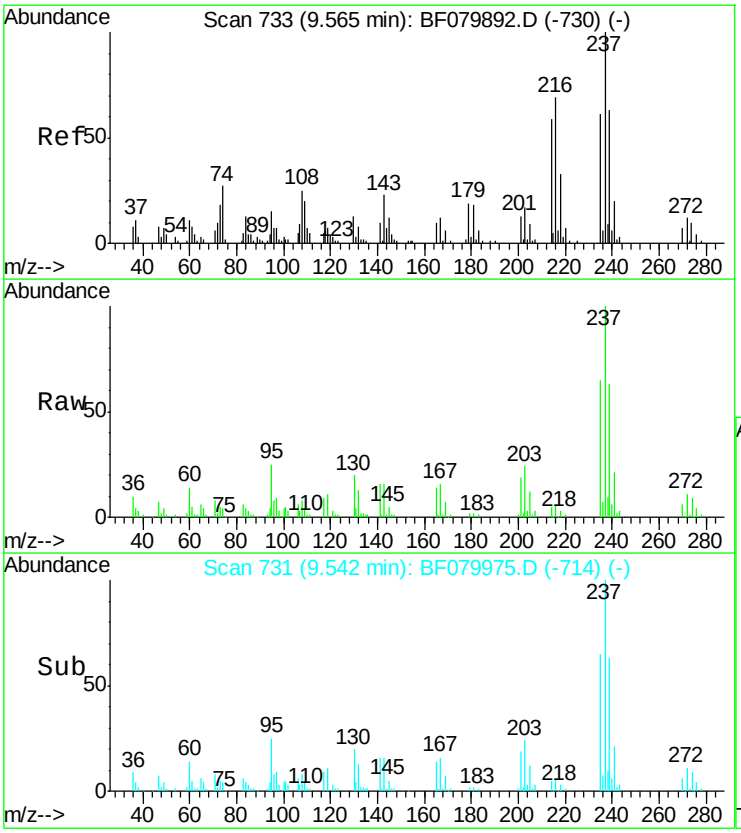

#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.45 ng
RT: 9.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:216 Resp: 128066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 63.5 | 95.3 |
| 179 | 21.6 | 15.8 | 23.8 |
| 108 | 19.7 | 13.7 | 20.5 |

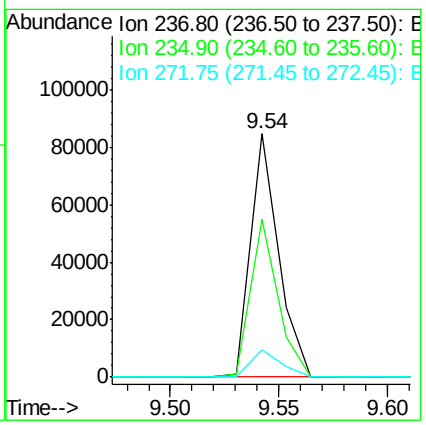


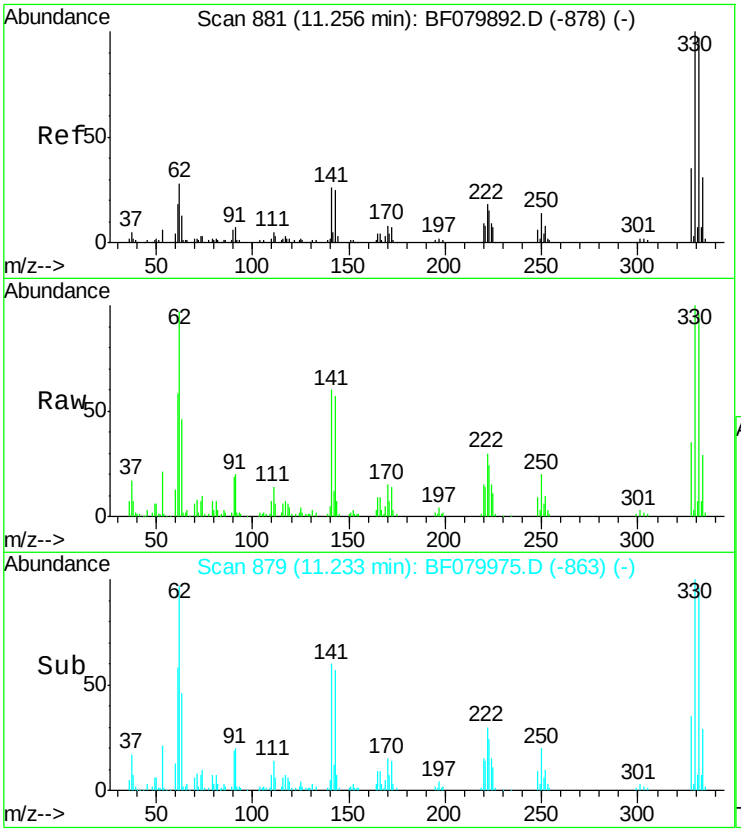




#40
Hexachlorocyclopentadiene
Concen: 59.45 ng
RT: 9.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:237 Resp: 75442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.0 | 41.3 | 81.3 |
| 272 | 11.3 | 0.0 | 32.2 |



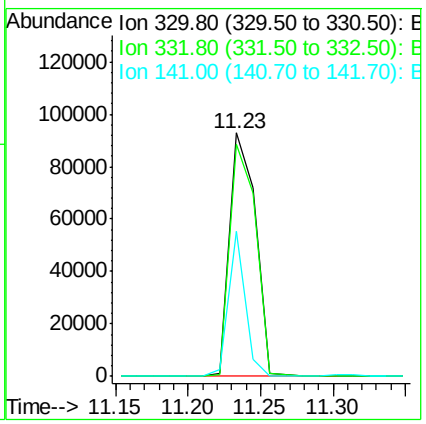


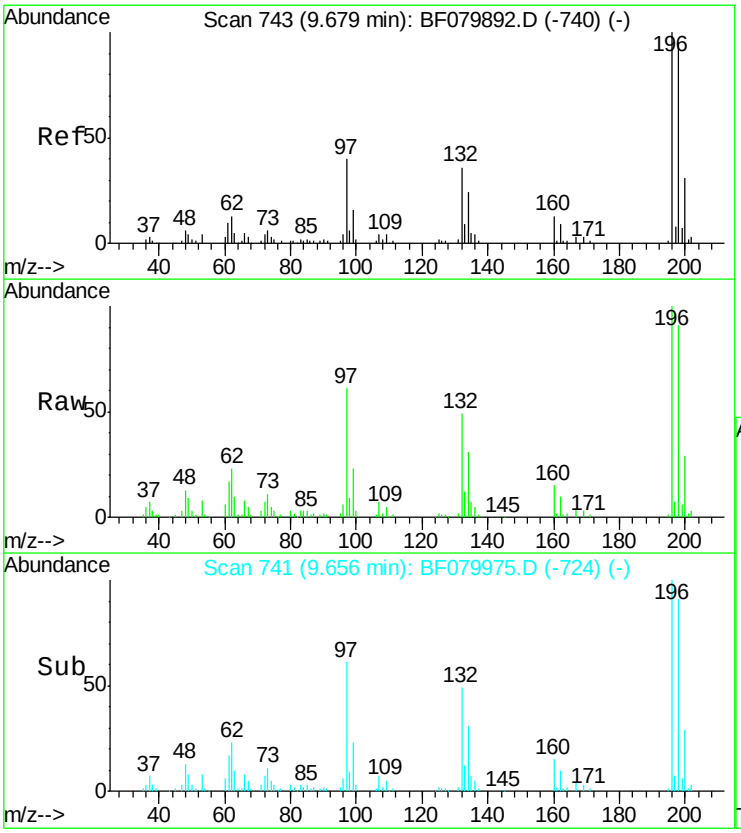

#41
2,4,6-Tribromophenol
Concen: 118.37 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:330 Resp: 115299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.3 | 115.9 |
| 141 | 38.6 | 26.8 | 40.2 |

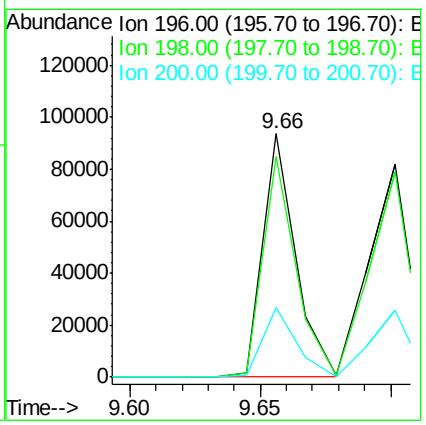


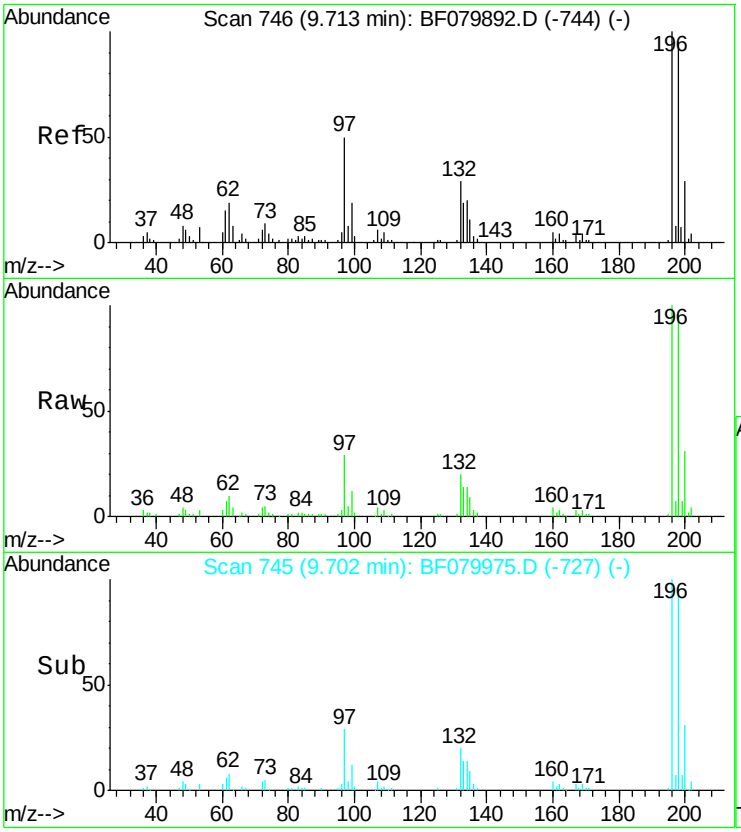




#42
2,4,6-Trichlorophenol
Concen: 40.85 ng
RT: 9.66 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:196 Resp: 81715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 90.6 | 76.0 | 114.0 |
| 200 | 28.8 | 24.9 | 37.3 |



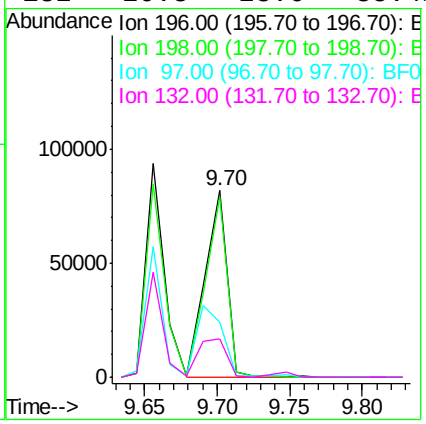


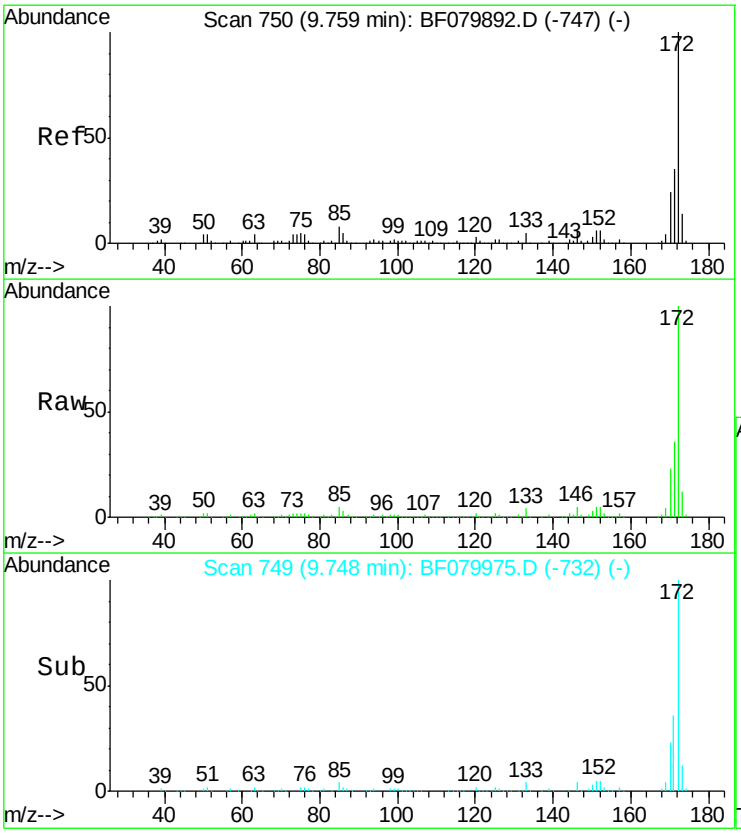

#43
2,4,5-Trichlorophenol
Concen: 38.92 ng
RT: 9.70 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:196 Resp: 85936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 76.0 | 114.0 |
| 97 | 29.3 | 39.4 | 59.2# |
| 132 | 20.3 | 23.6 | 35.4# |

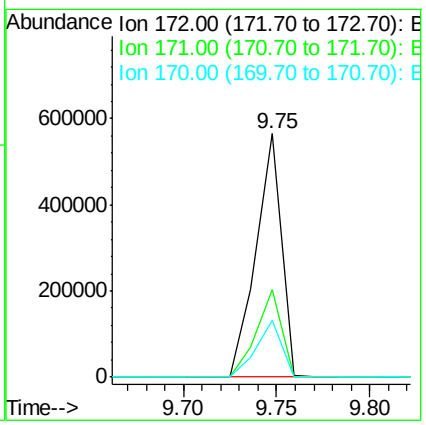


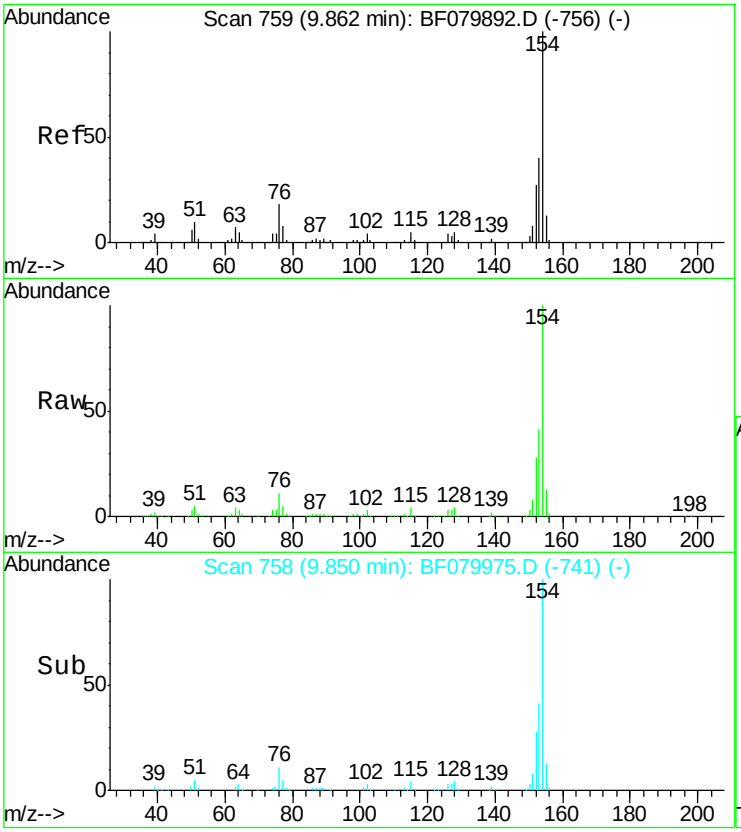




#44
2-Fluorobiphenyl
Concen: 76.51 ng
RT: 9.75 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:172 Resp: 529639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.3 | 42.5 |
| 170 | 23.4 | 19.0 | 28.4 |



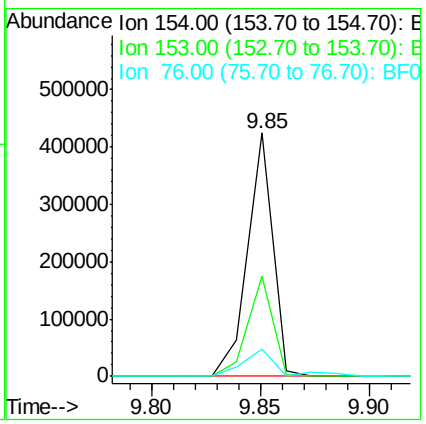


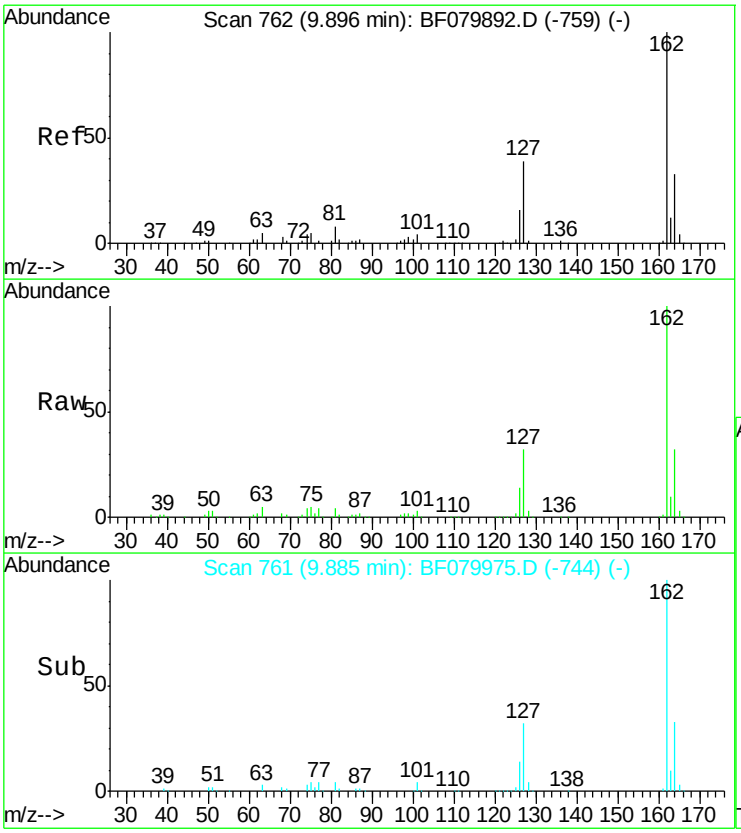

#45
1,1'-Biphenyl
Concen: 43.62 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:154 Resp: 342184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 20.1 | 60.1 |
| 76 | 11.2 | 0.0 | 38.4 |

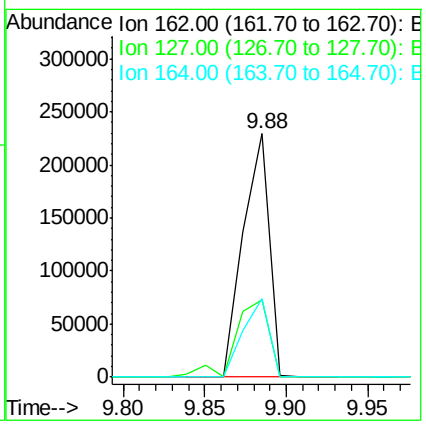


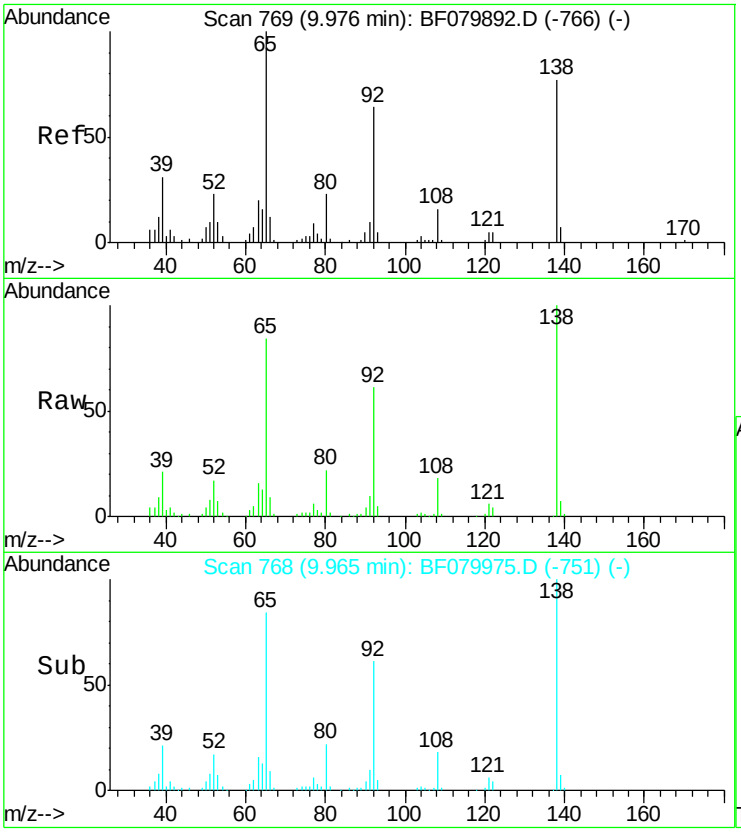




#46
2-Chloronaphthalene
Concen: 37.93 ng
RT: 9.88 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:162 Resp: 253346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 31.9 | 33.1 | 49.7# |
| 164 | 32.4 | 26.2 | 39.4 |



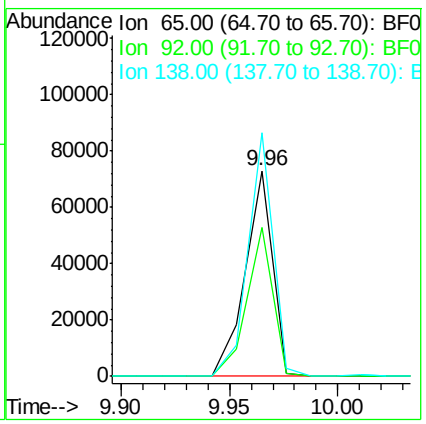


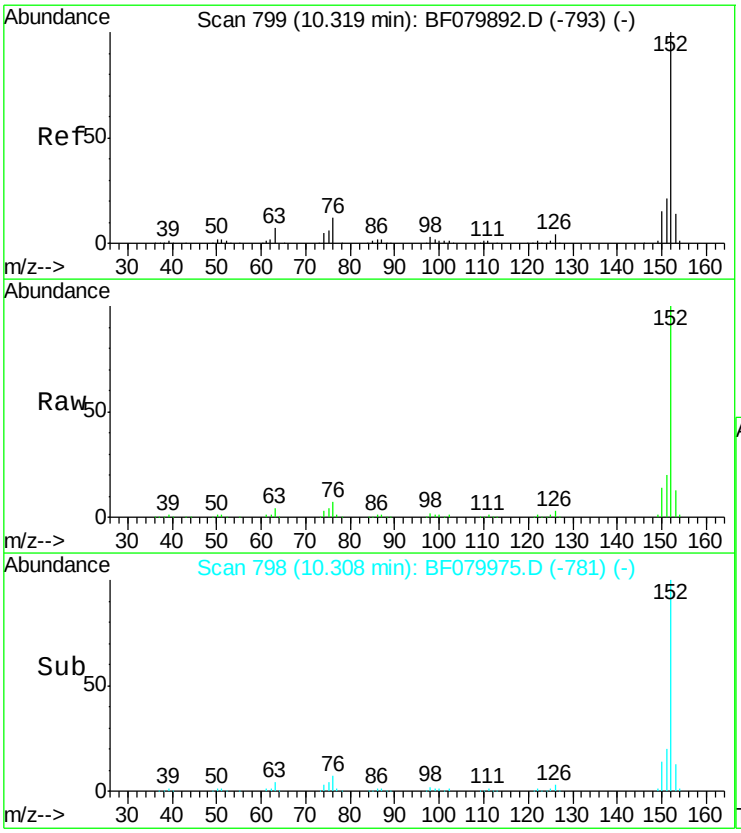

#47
2-Nitroaniline
Concen: 44.46 ng
RT: 9.96 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion: 65 Resp: 63278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.4 | 51.1 | 76.7 |
| 138 | 118.4 | 62.0 | 93.0# |

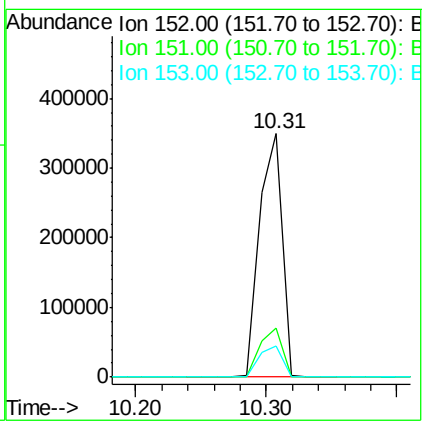


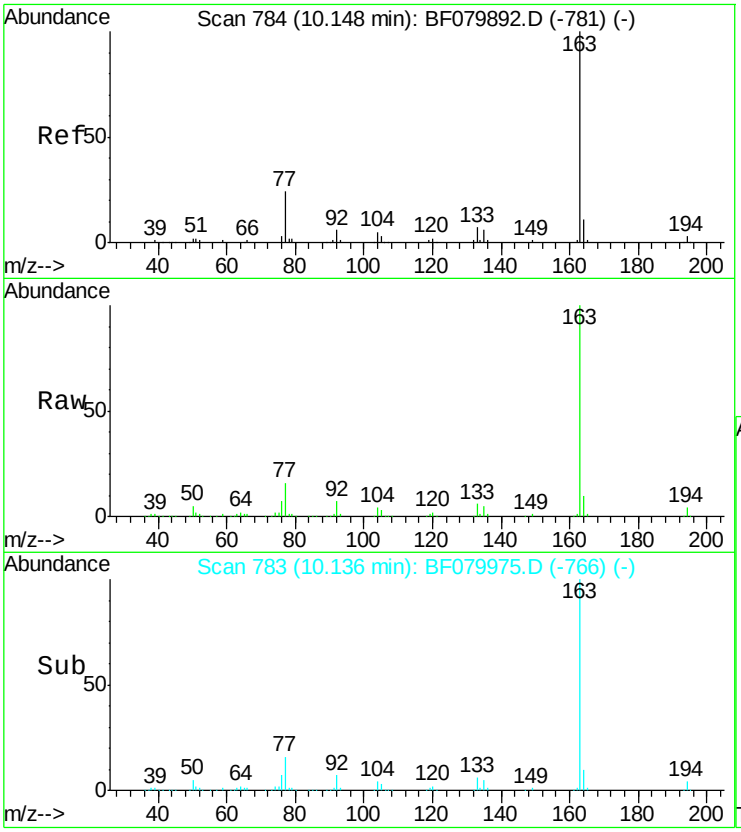




#48
Acenaphthylene
Concen: 37.79 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:152 Resp: 426033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.8 | 25.2 |
| 153 | 12.6 | 10.8 | 16.2 |



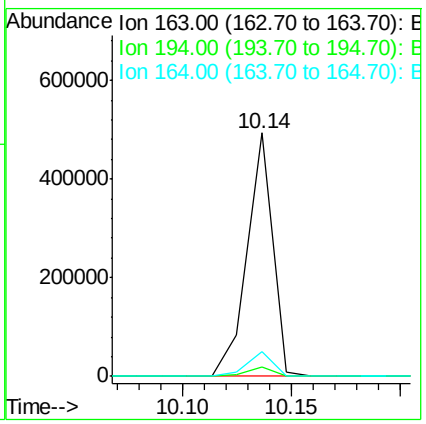


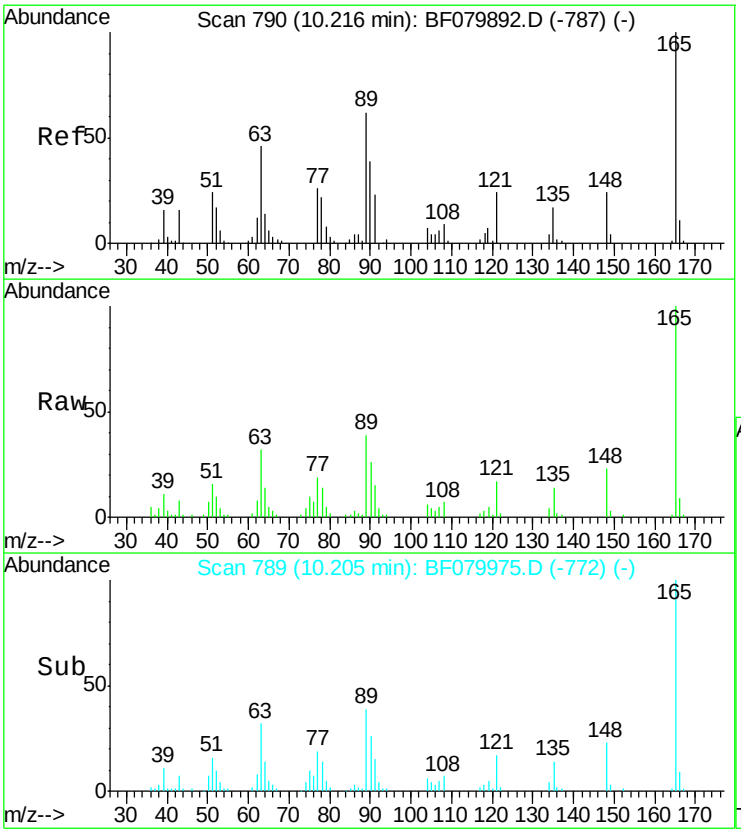

#49
Dimethylphthalate
Concen: 51.68 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:163 Resp: 401322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 2.6 | 4.0 |
| 164 | 9.9 | 8.6 | 12.8 |

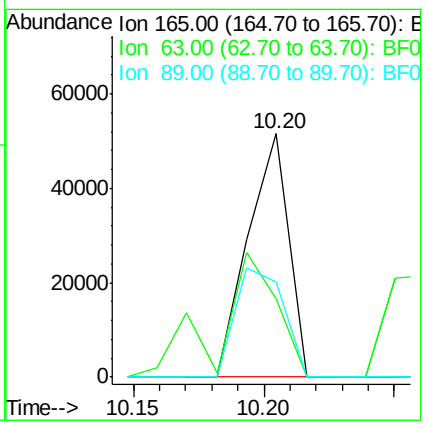


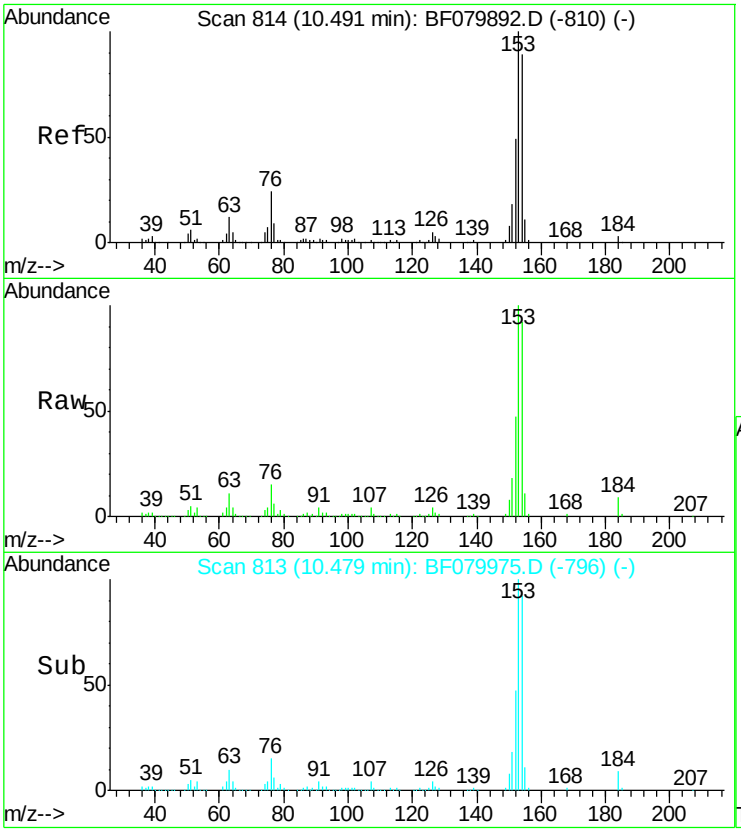




#50
2,6-Dinitrotoluene
Concen: 39.62 ng
RT: 10.20 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:165 Resp: 55413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.2 | 46.4 | 69.6# |
| 89 | 39.1 | 49.6 | 74.4# |



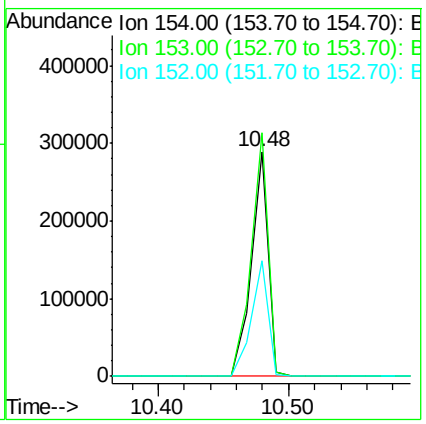


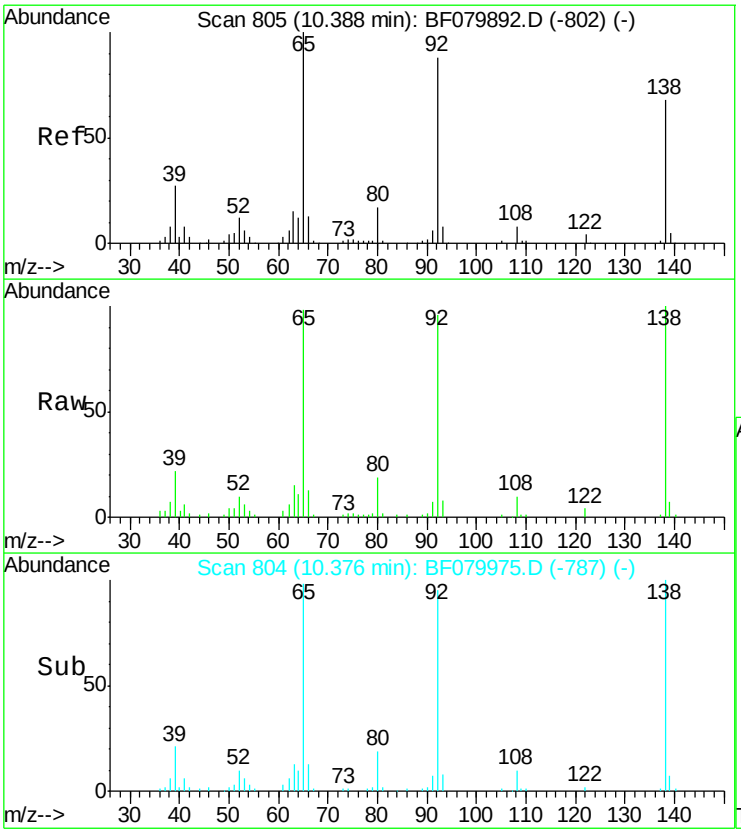

#51
Acenaphthene
Concen: 40.59 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:154 Resp: 260091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.2 | 90.0 | 135.0 |
| 152 | 51.3 | 43.7 | 65.5 |

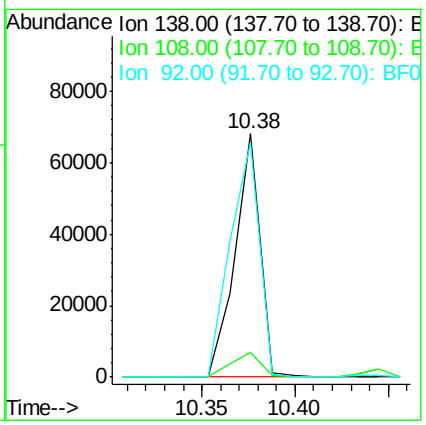


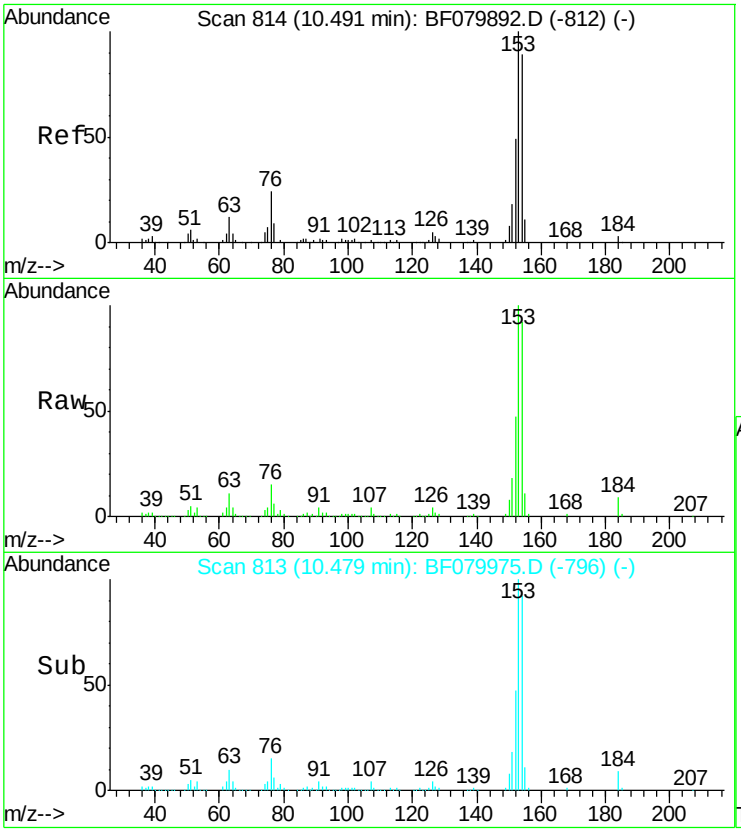




#52
3-Nitroaniline
Concen: 37.60 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:138 Resp: 63729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 9.0 | 13.6 |
| 92 | 96.1 | 103.1 | 154.7# |



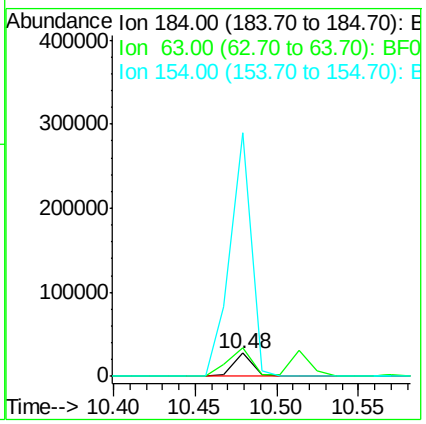


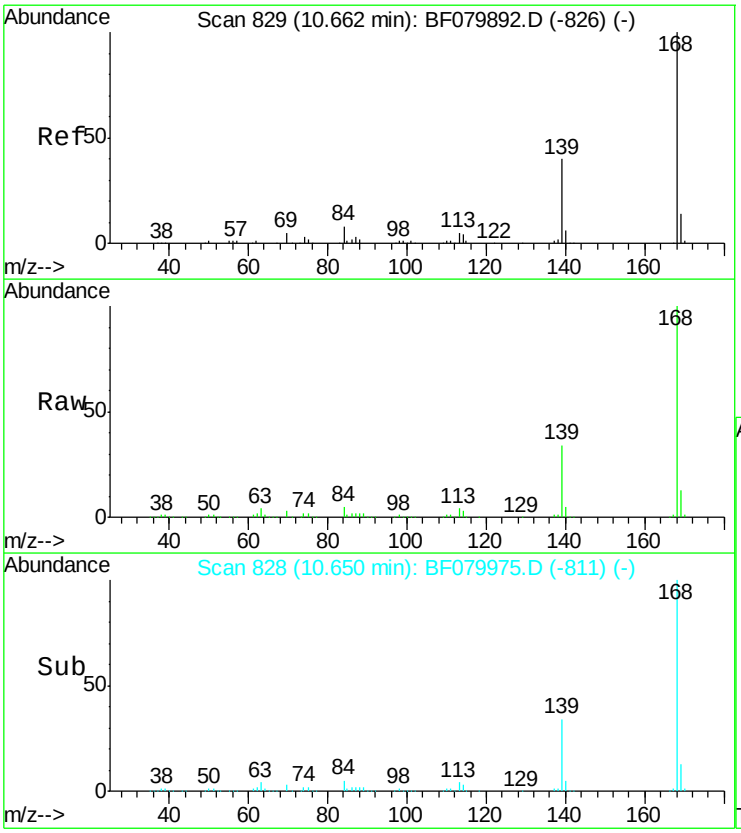

#53
2,4-Dinitrophenol
Concen: 78.14 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:184 Resp: 22613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 120.6 | 357.0 | 535.4# |
| 154 | 1050.1 | 2660.2 | 3990.4# |

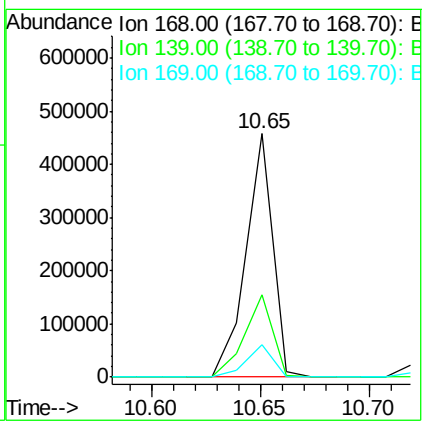


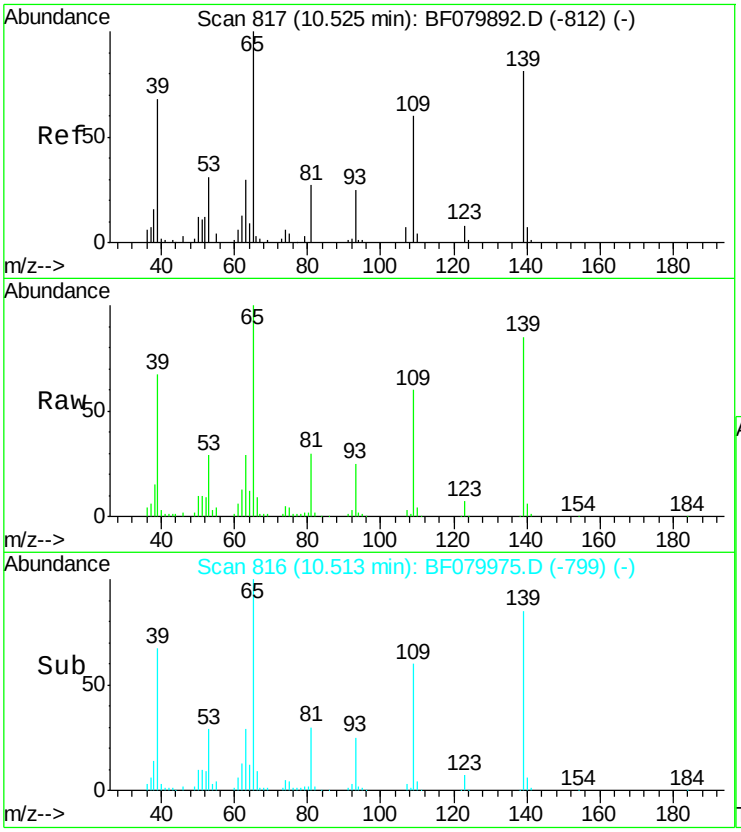




#54
Dibenzofuran
Concen: 41.83 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:168 Resp: 391602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.6 | 32.2 | 48.2 |
| 169 | 13.4 | 11.0 | 16.6 |



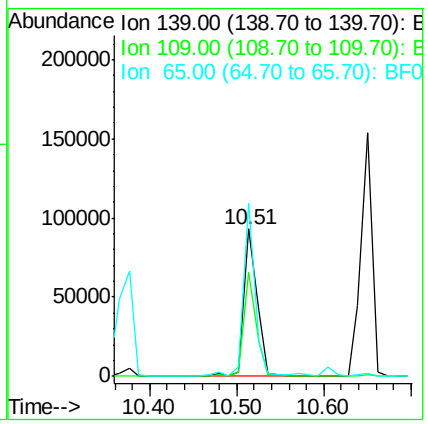


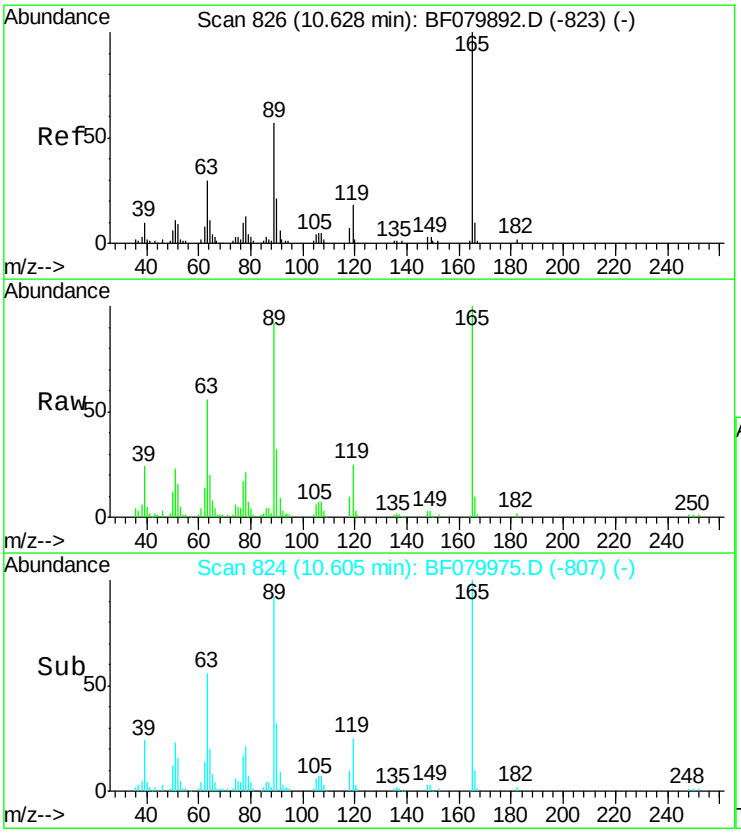

#55
4-Nitrophenol
Concen: 80.12 ng
RT: 10.51 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:139 Resp: 99316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.6 | 54.8 | 94.8 |
| 65 | 117.3 | 104.8 | 144.8 |

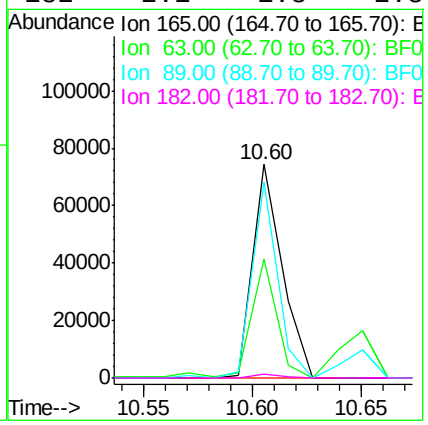


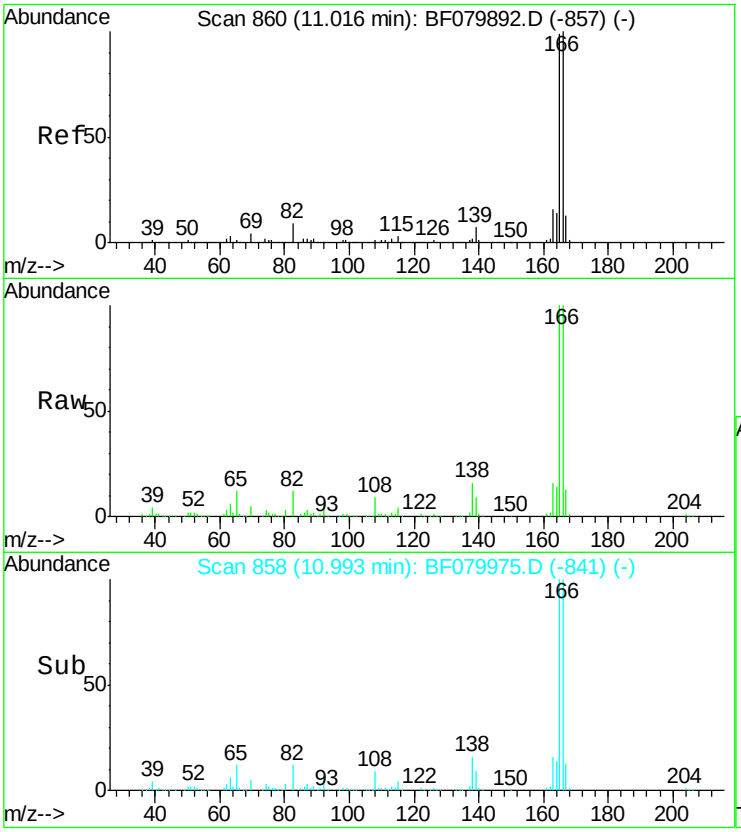




#56
2,4-Dinitrotoluene
Concen: 38.31 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:165 Resp: 70016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.7 | 24.3 | 36.5# |
| 89 | 91.8 | 45.4 | 68.2# |
| 182 | 2.1 | 1.8 | 2.8 |



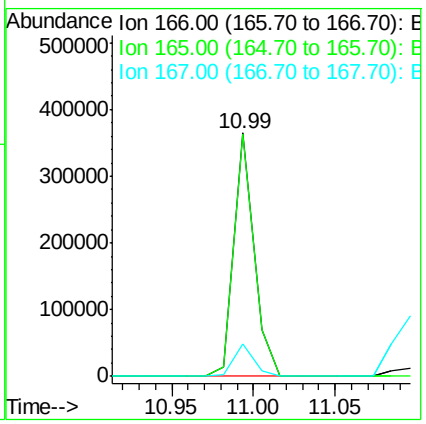


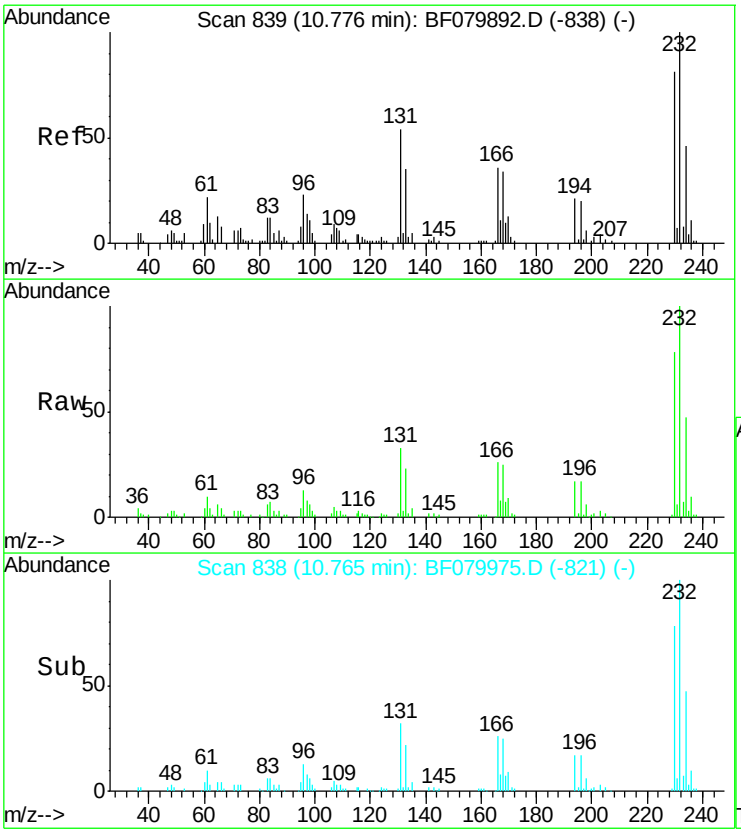

#57
Fluorene
Concen: 37.75 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:166 Resp: 308073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.6 | 79.0 | 118.6 |
| 167 | 13.4 | 10.3 | 15.5 |

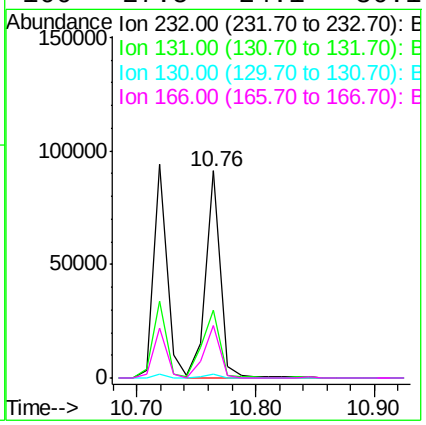


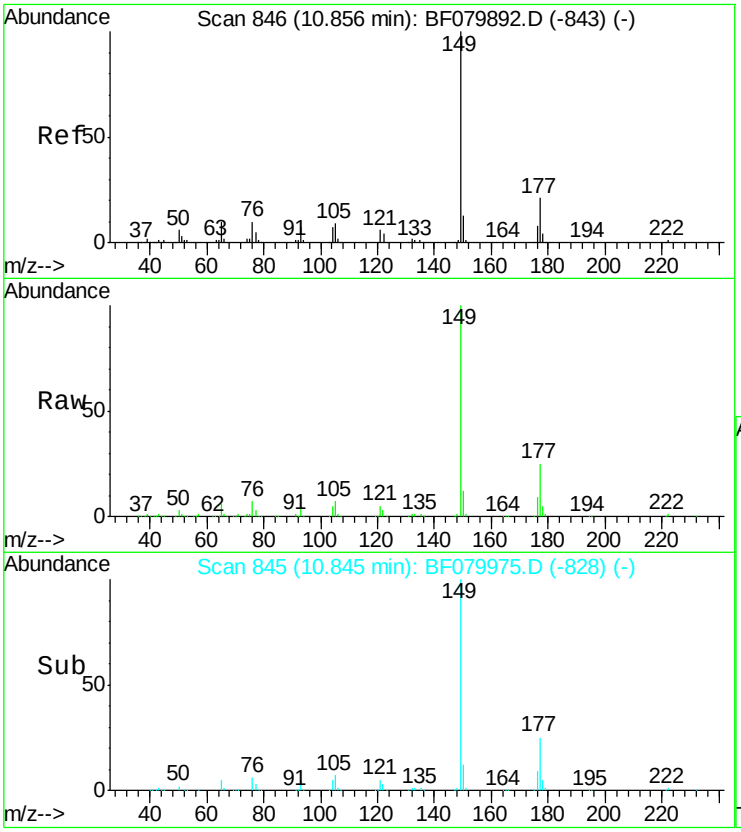




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.07 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:232 Resp: 78780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.4 | 35.4 | 53.2 |
| 130 | 1.9 | 1.5 | 2.3 |
| 166 | 27.5 | 24.1 | 36.1 |



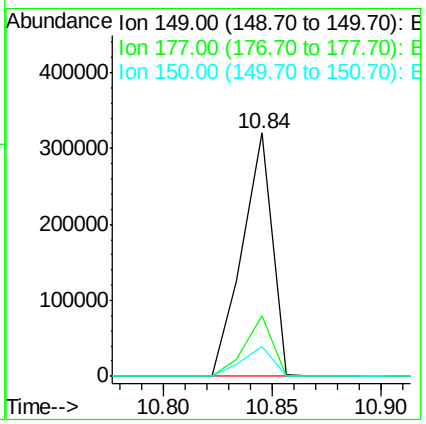


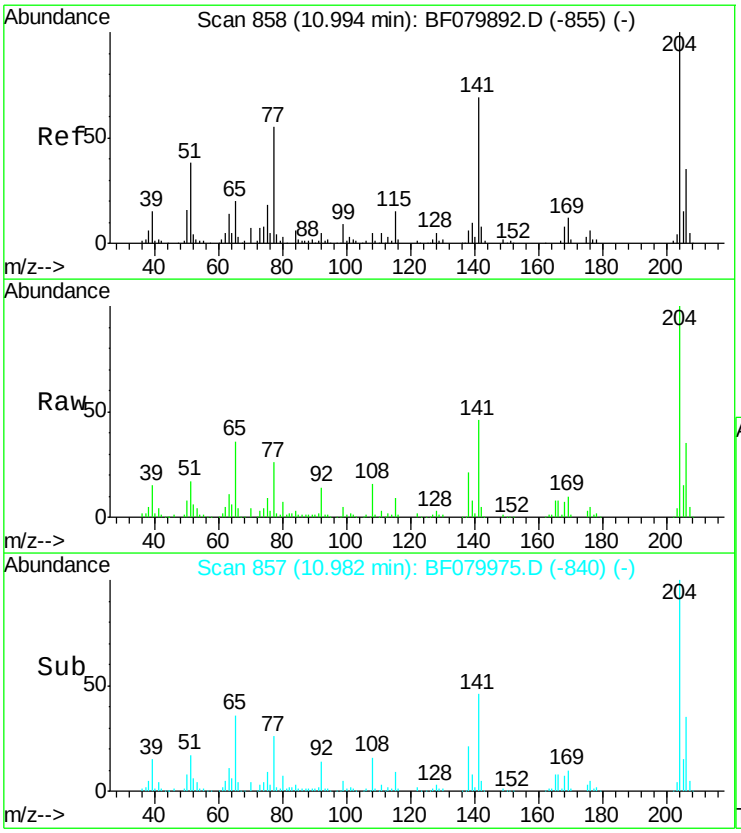

#59
Diethylphthalate
Concen: 39.53 ng
RT: 10.84 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:149 Resp: 306937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.8 | 16.9 | 25.3 |
| 150 | 12.2 | 10.4 | 15.6 |

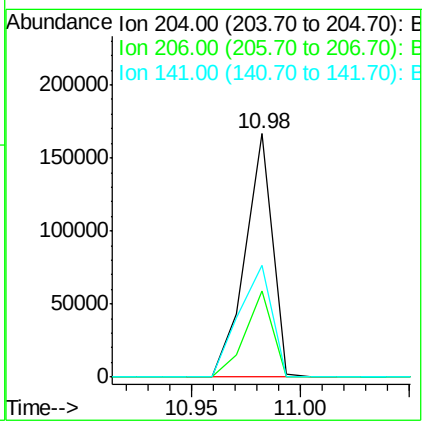


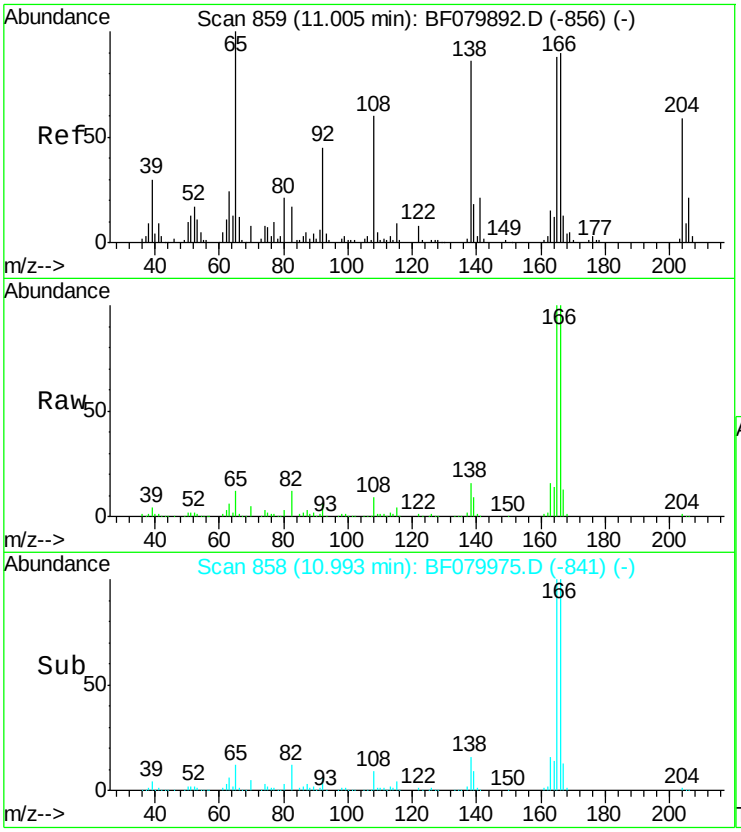




#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:204 Resp: 145727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.1 | 28.0 | 42.0 |
| 141 | 46.0 | 55.3 | 82.9# |



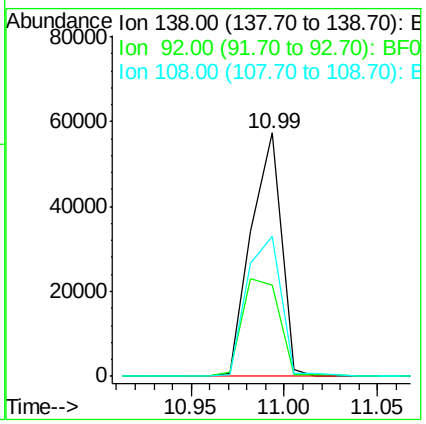


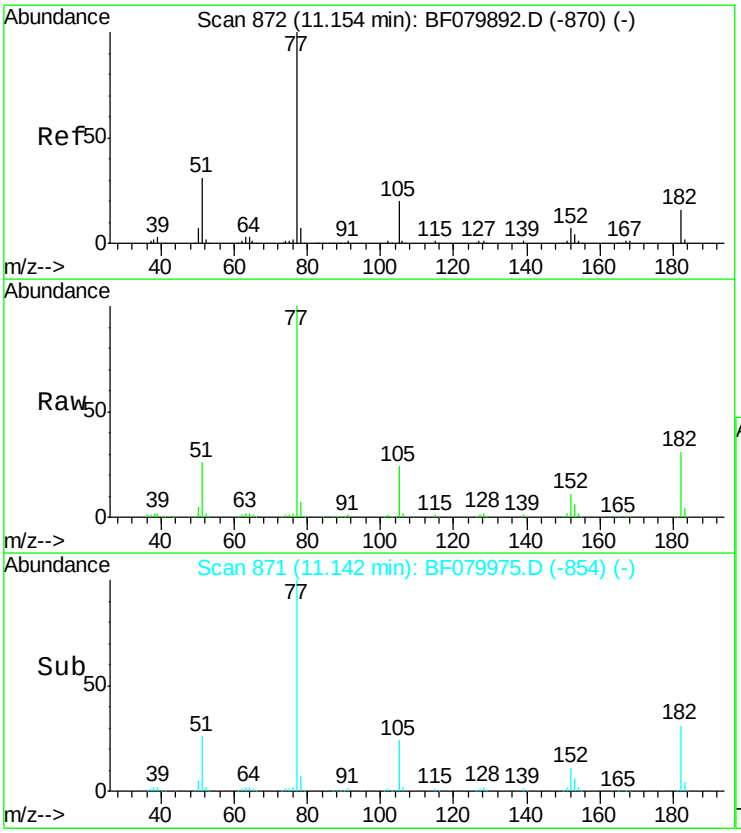

#61
4-Nitroaniline
Concen: 36.36 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:138 Resp: 64323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 37.6 | 32.9 | 72.9 |
| 108 | 57.3 | 50.4 | 90.4 |

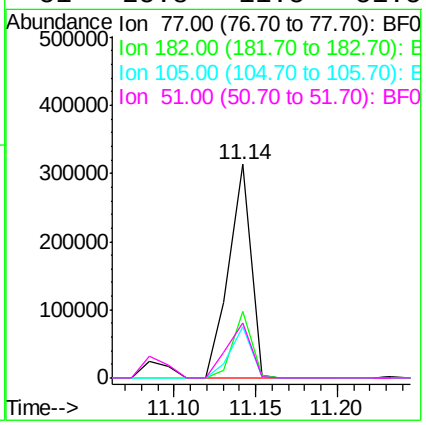


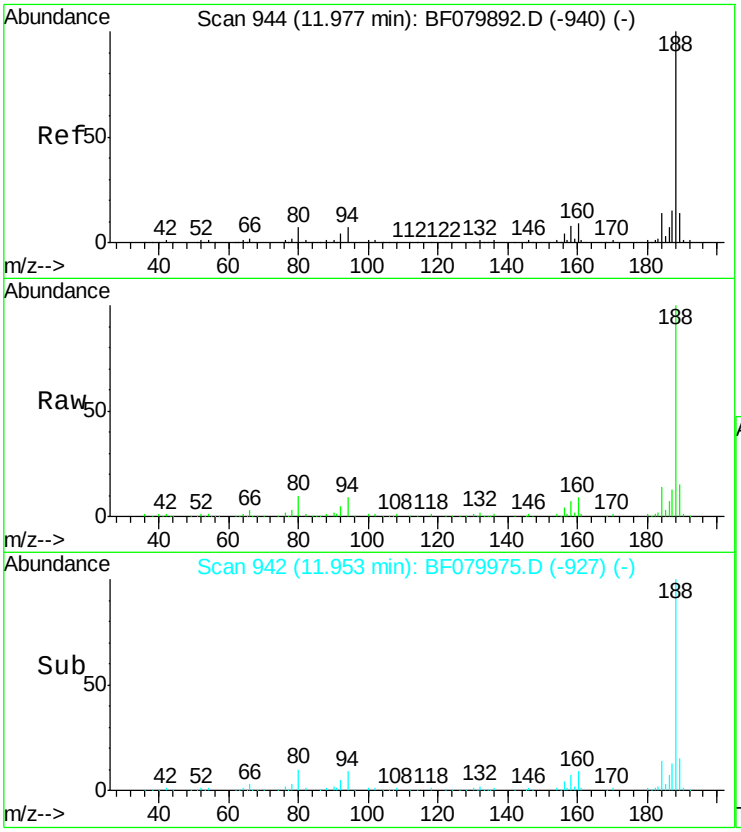




#62
Azobenzene
Concen: 39.37 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion: 77 Resp: 294148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.1 | 0.0 | 35.9 |
| 105 | 24.0 | 0.1 | 40.1 |
| 51 | 25.8 | 11.5 | 51.5 |



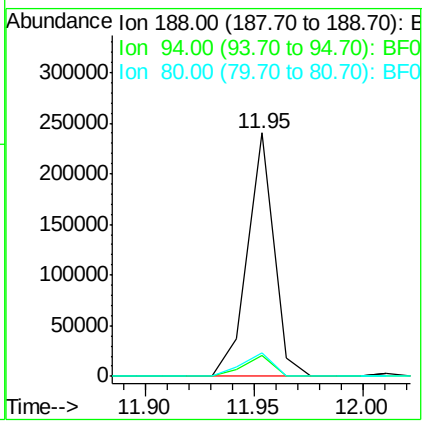


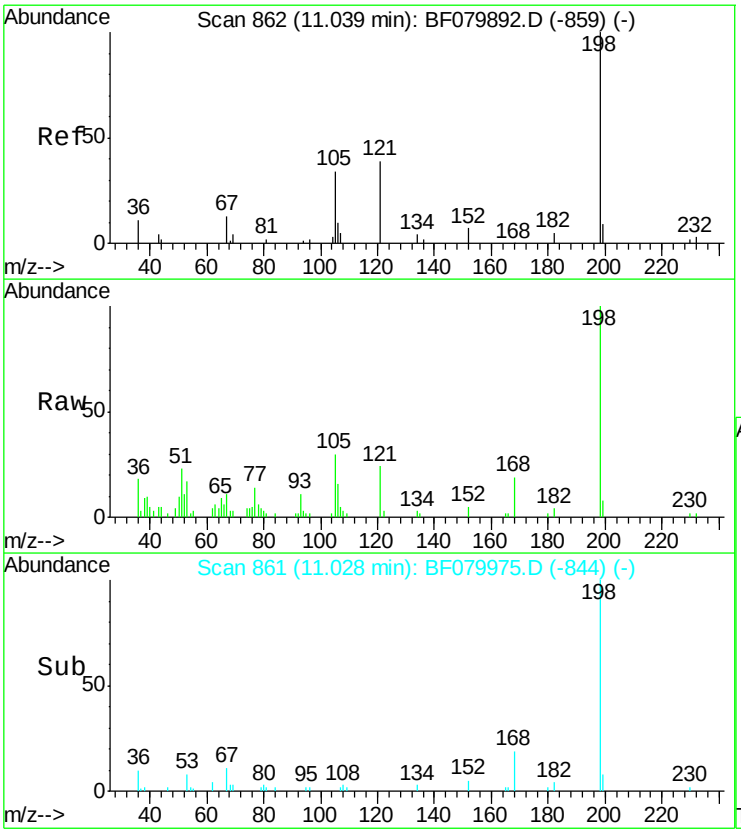

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:188 Resp: 202542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 5.8 | 8.8 |
| 80 | 9.7 | 5.9 | 8.9# |

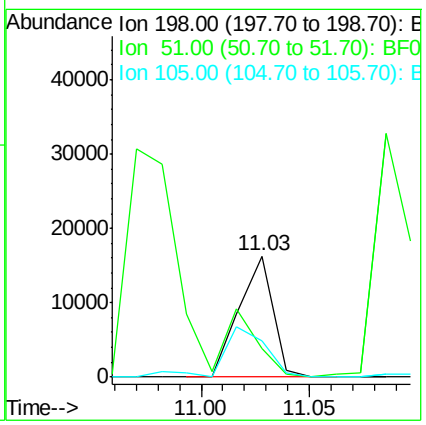


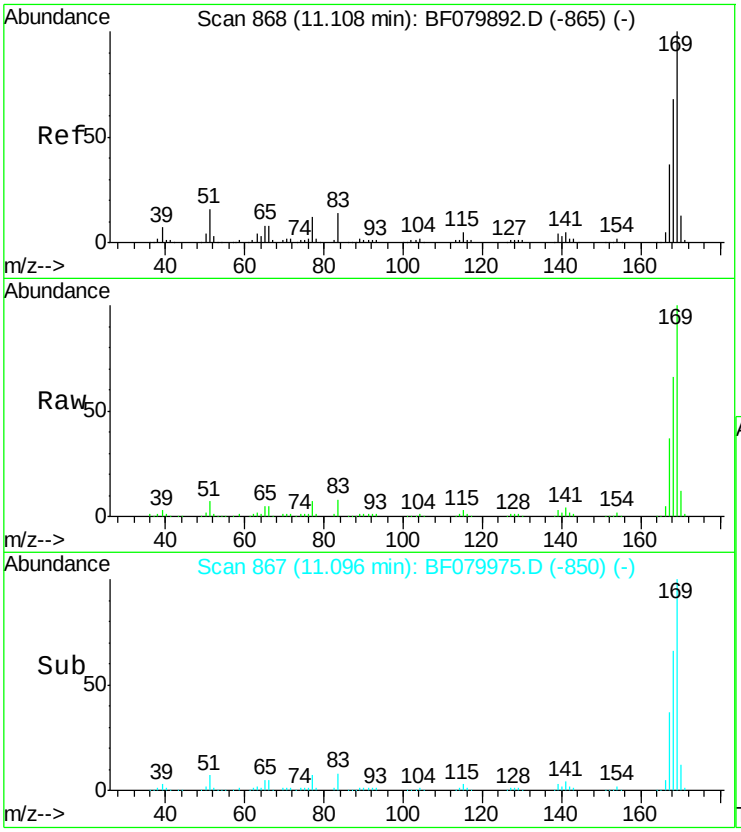




#64
4,6-Dinitro-2-methylphenol
Concen: 40.56 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:198 Resp: 17583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 23.5 | 22.1 | 62.1 |
| 105 | 30.4 | 22.7 | 62.7 |



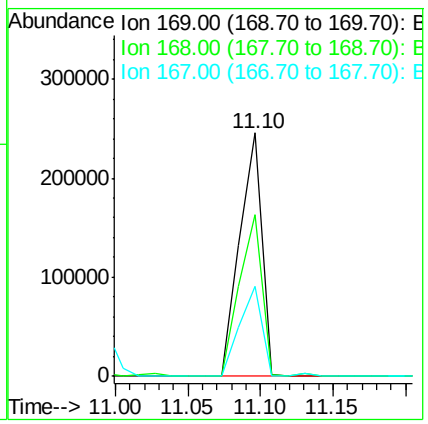


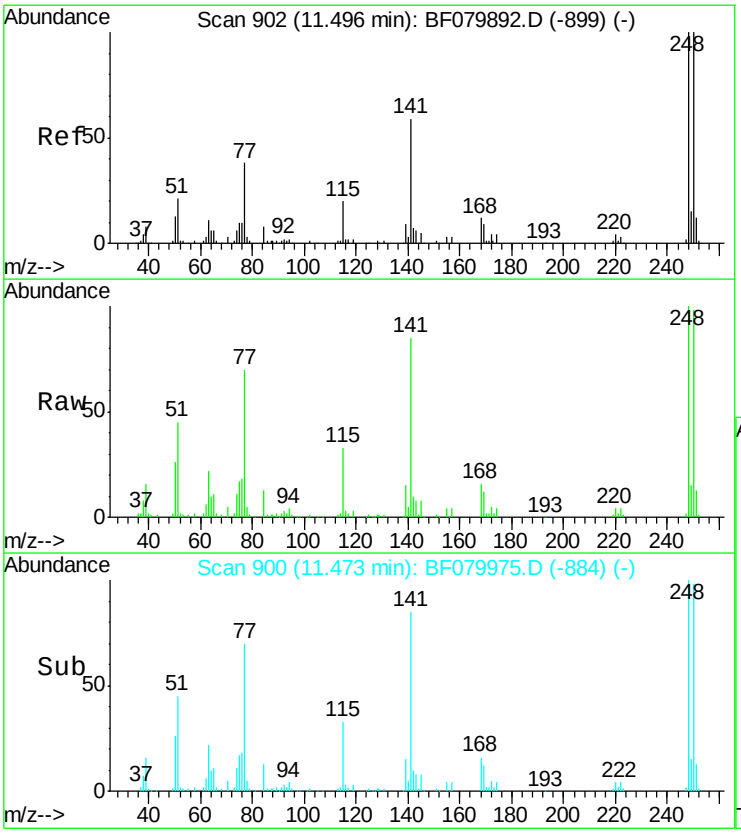

#65
n-Nitrosodiphenylamine
Concen: 40.09 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:169 Resp: 262115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.4 | 54.2 | 81.4 |
| 167 | 36.9 | 29.7 | 44.5 |

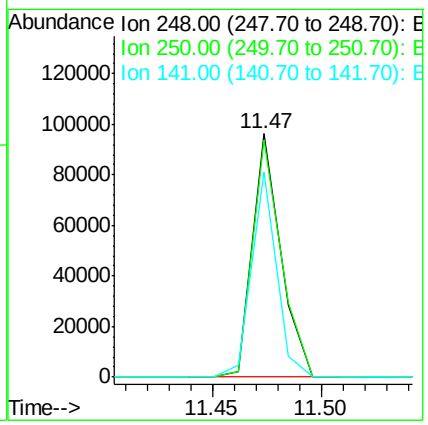


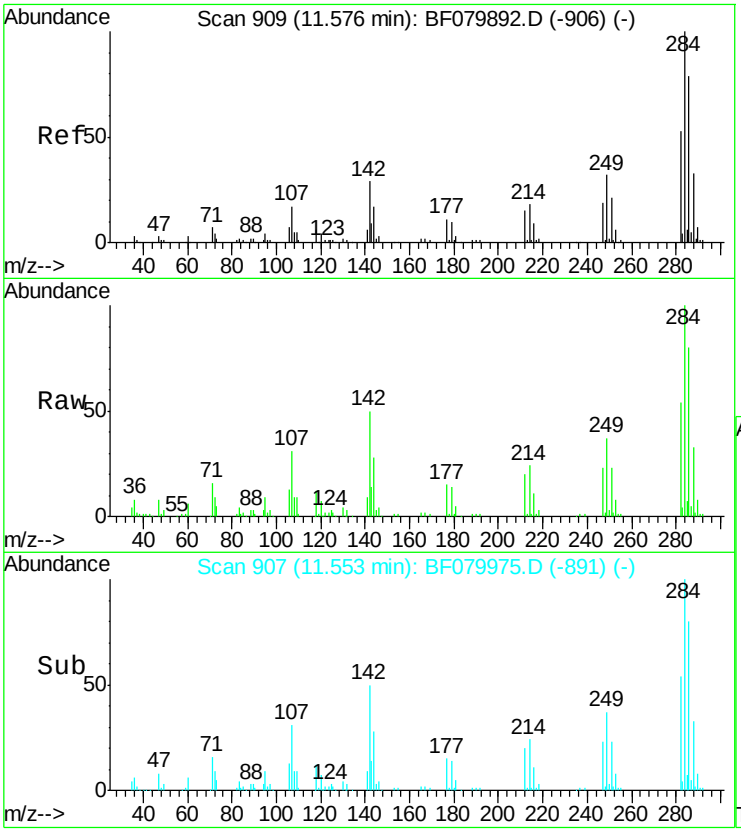




#66
4-Bromophenyl-phenylether
Concen: 38.43 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:248 Resp: 87215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 80.2 | 120.2 |
| 141 | 84.5 | 46.9 | 70.3# |



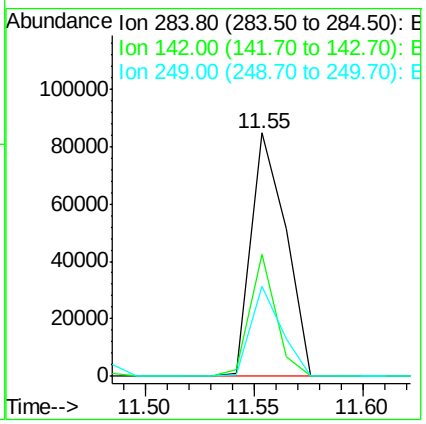


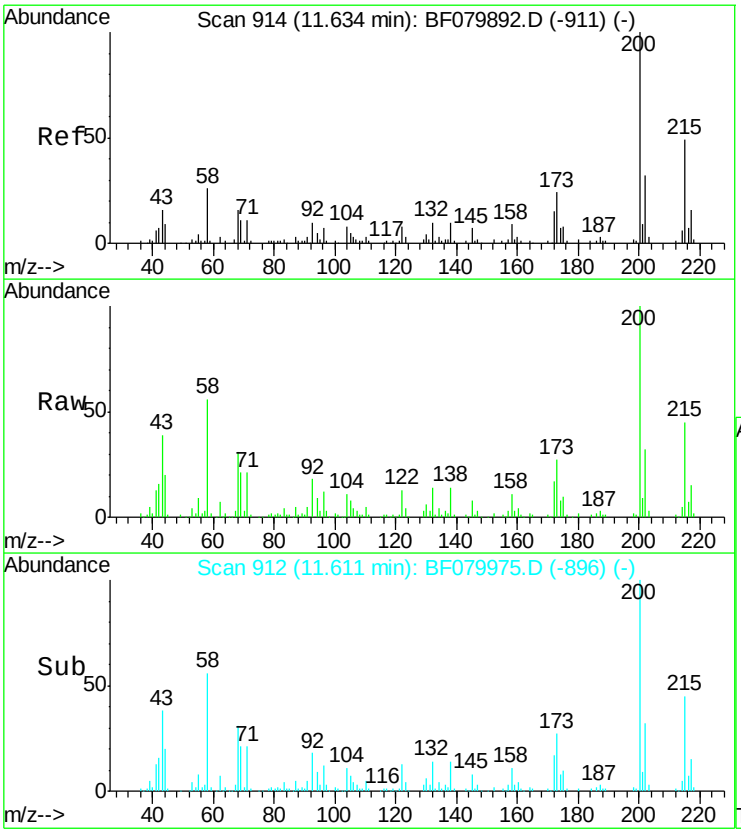

#67
Hexachlorobenzene
Concen: 38.01 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:284 Resp: 94112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 49.9 | 23.5 | 35.3# |
| 249 | 37.0 | 25.3 | 37.9 |

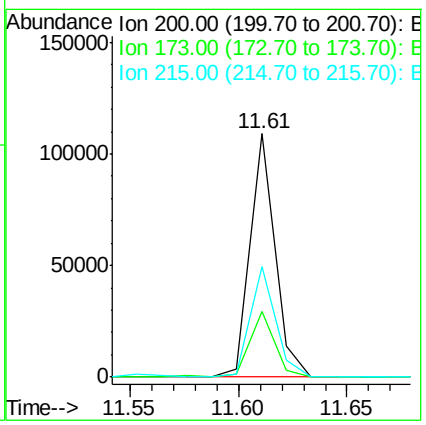


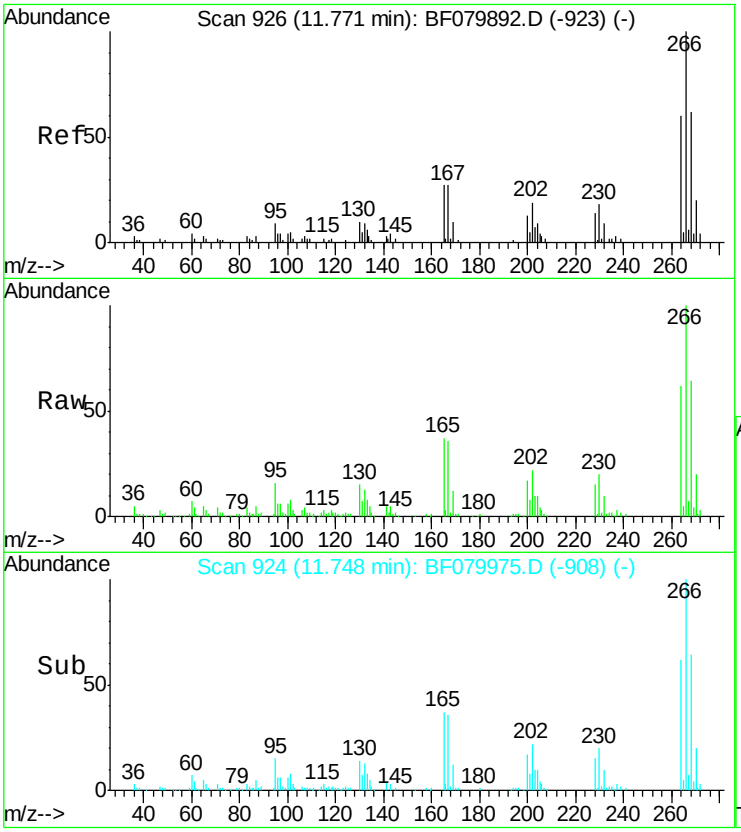




#68
Atrazine
Concen: 43.13 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:200 Resp: 86803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.2 | 4.1 | 44.1 |
| 215 | 45.4 | 29.2 | 69.2 |



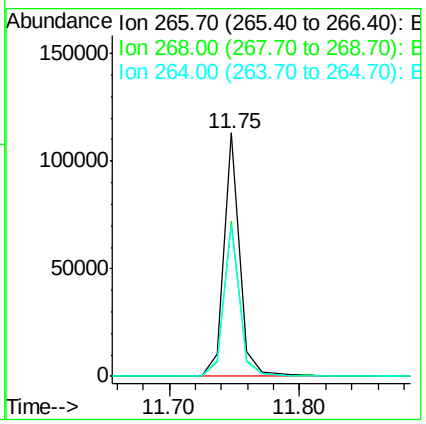


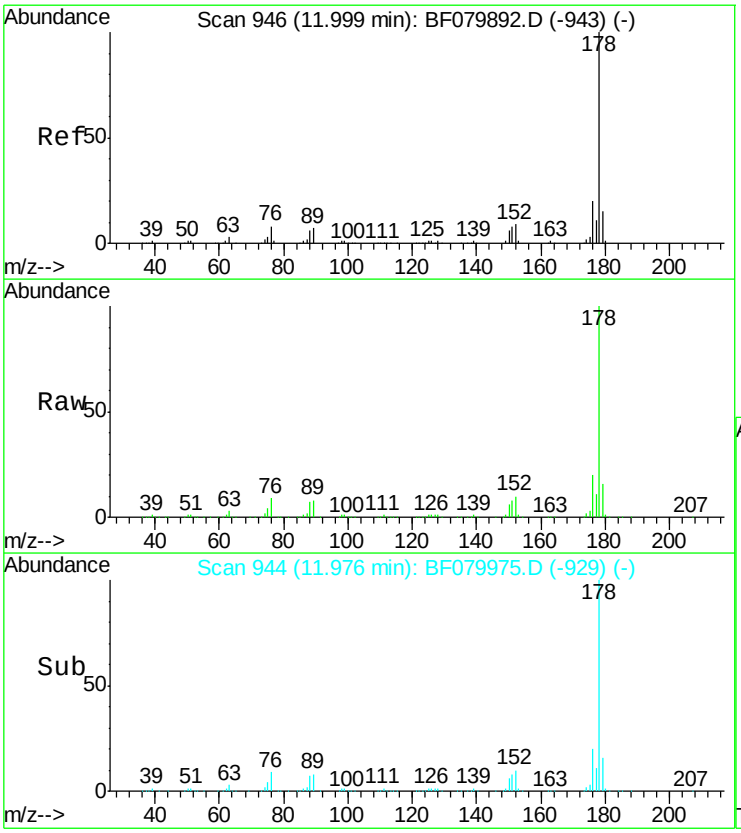

#69
Pentachlorophenol
Concen: 82.77 ng
RT: 11.75 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:266 Resp: 96428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 49.4 | 74.2 |
| 264 | 62.1 | 47.7 | 71.5 |

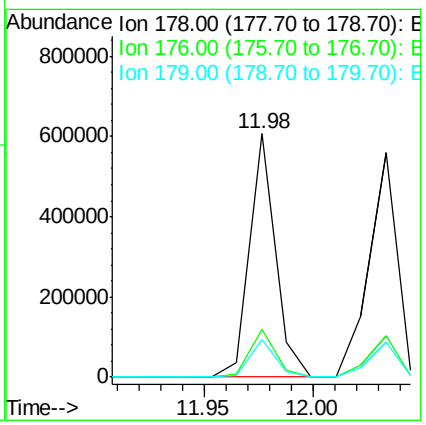


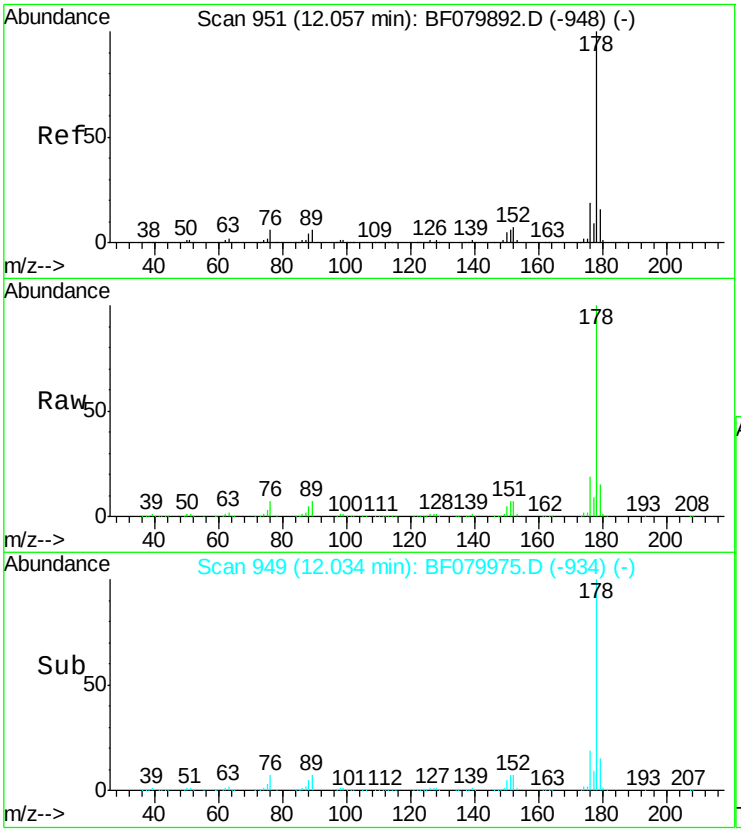




#70
Phenanthrene
Concen: 41.73 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:178 Resp: 503745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.9 | 23.9 |
| 179 | 15.6 | 12.3 | 18.5 |



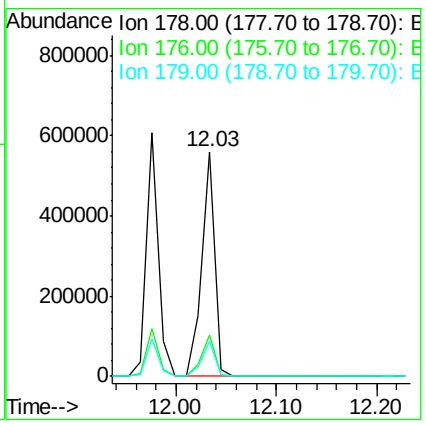


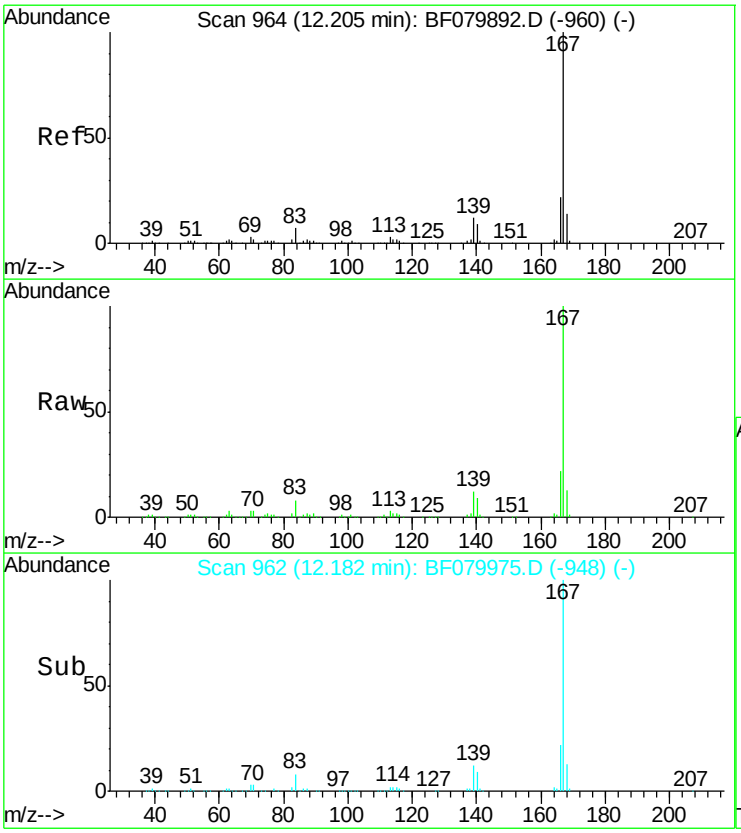

#71
Anthracene
Concen: 43.09 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:178 Resp: 503346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.2 | 22.8 |
| 179 | 15.4 | 12.5 | 18.7 |

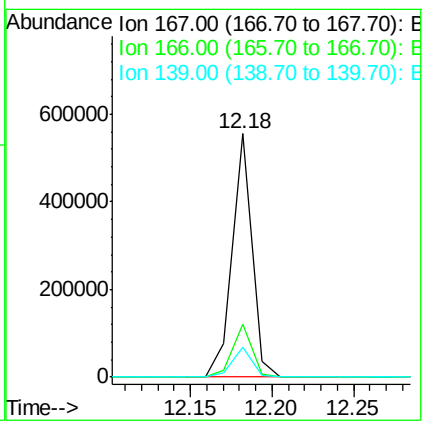


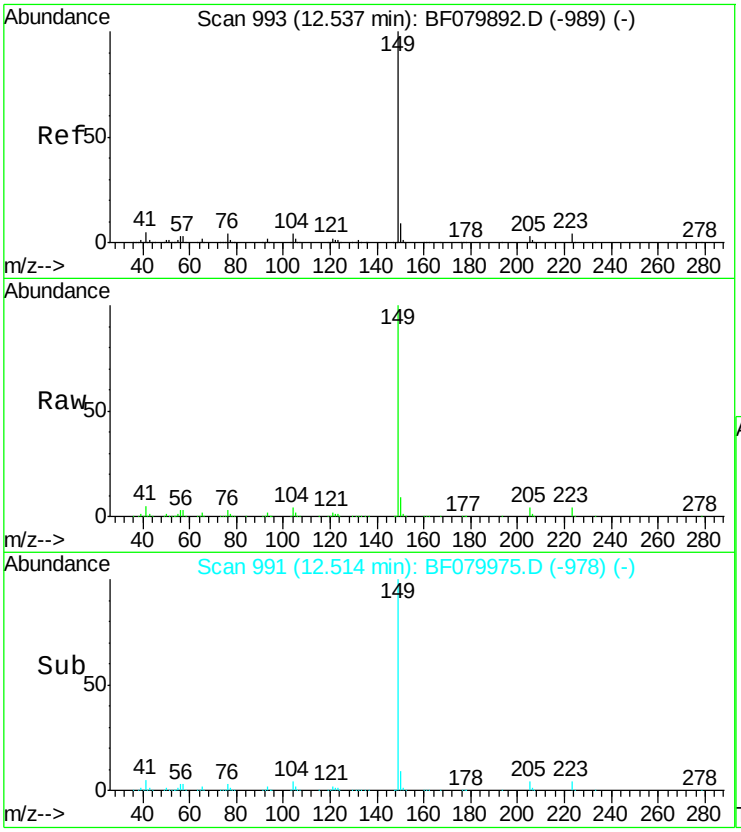




#72
Carbazole
Concen: 40.61 ng
RT: 12.18 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:167 Resp: 460023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.4 | 26.2 |
| 139 | 12.4 | 9.5 | 14.3 |



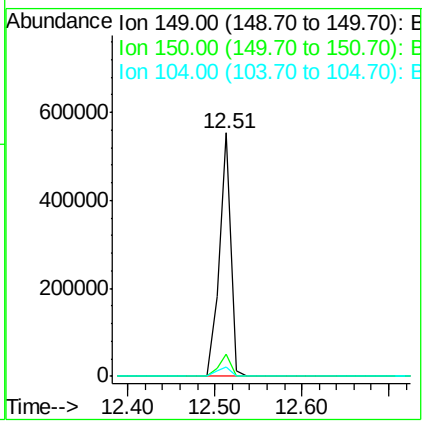


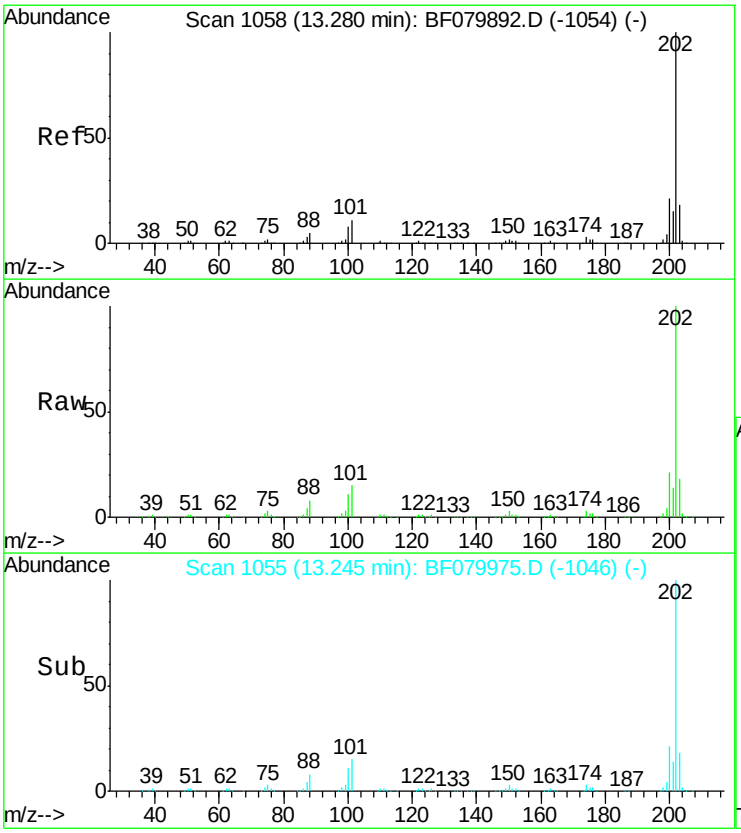

#73
Di-n-butylphthalate
Concen: 41.72 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.05 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:149 Resp: 514947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.2 | 10.8 |
| 104 | 3.9 | 3.3 | 4.9 |

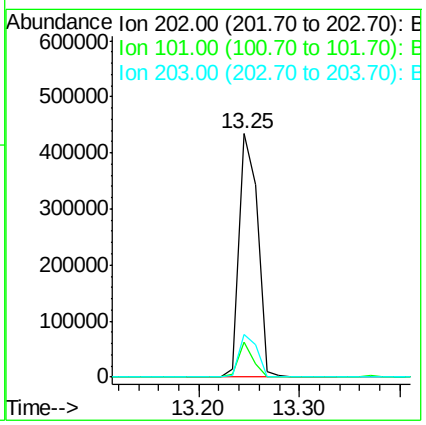


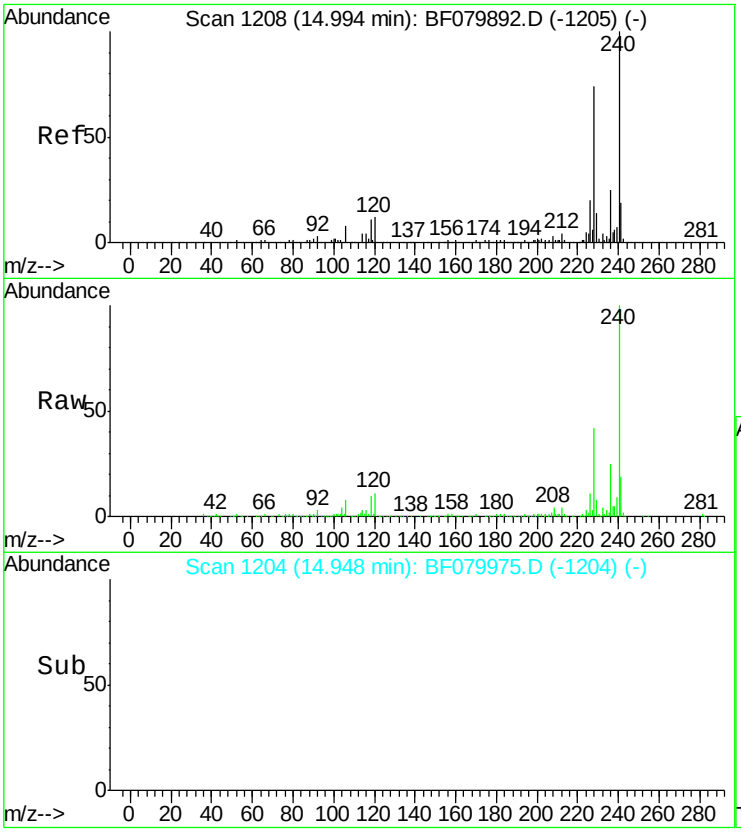




#74
Fluoranthene
Concen: 41.79 ng
RT: 13.25 min Scan# 1055
Delta R.T. -0.09 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:202 Resp: 557646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.6 | 0.0 | 30.7 |
| 203 | 17.6 | 0.0 | 38.0 |



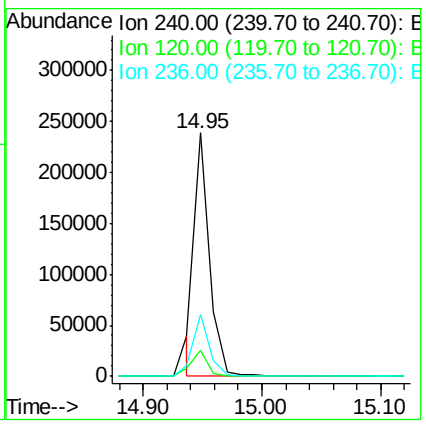


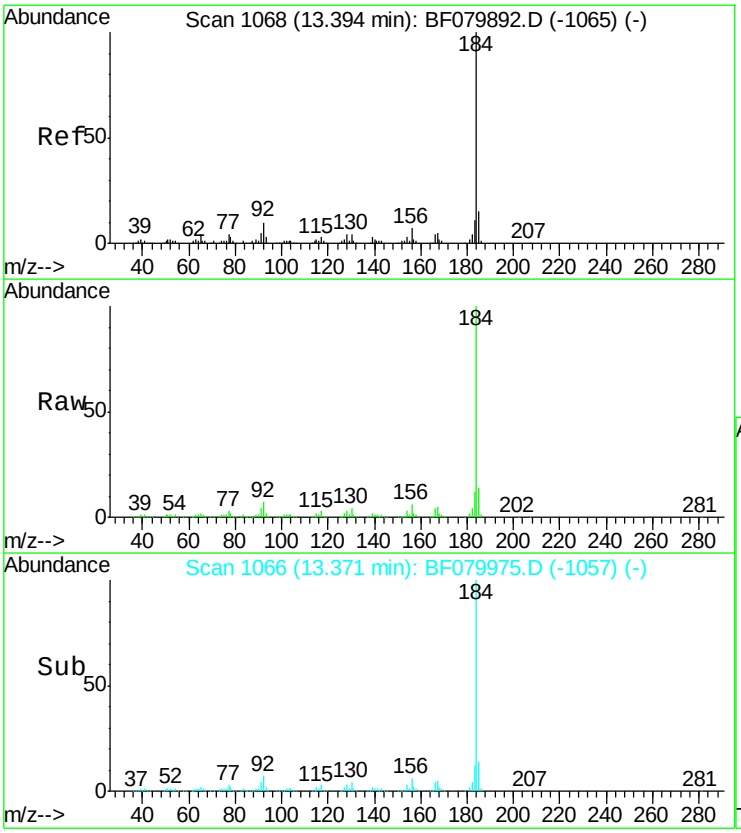

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.19 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:240 Resp: 213496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 9.4 | 14.2 |
| 236 | 25.3 | 19.6 | 29.4 |

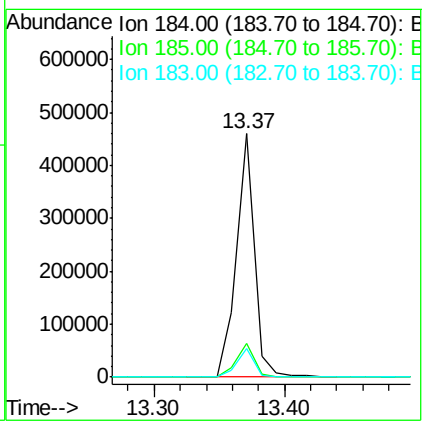


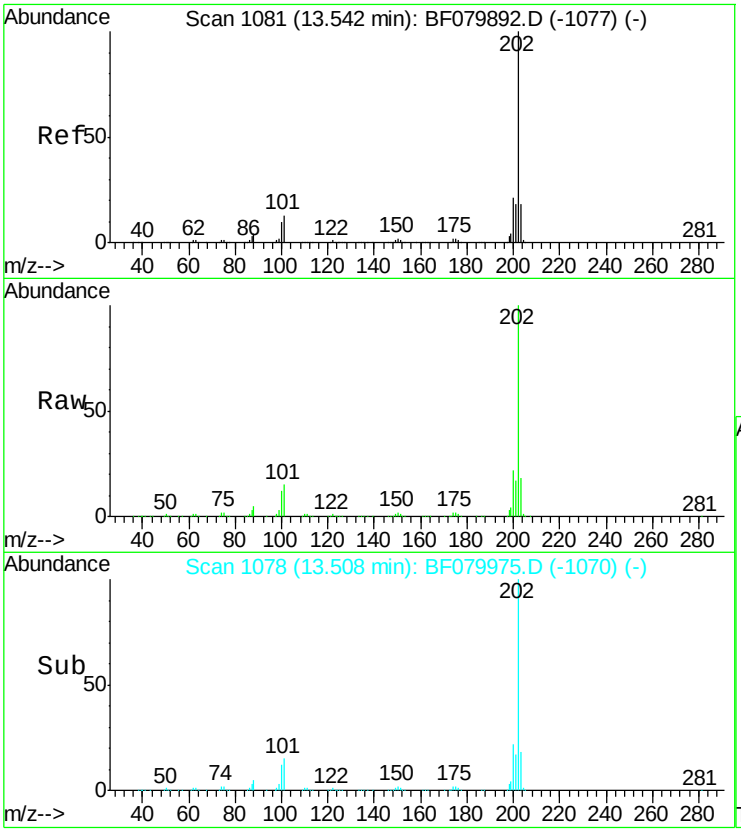




#76
Benzidine
Concen: 74.14 ng
RT: 13.37 min Scan# 1066
Delta R.T. -0.09 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:184 Resp: 438337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.8 | 17.6 |
| 183 | 11.8 | 9.0 | 13.6 |



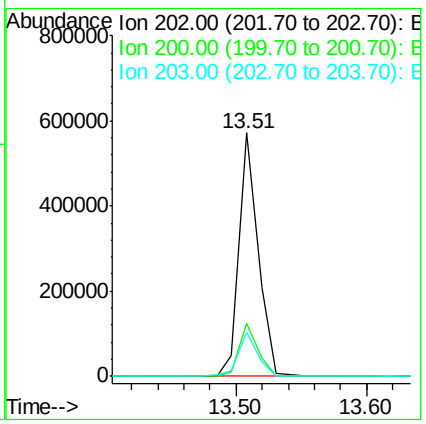


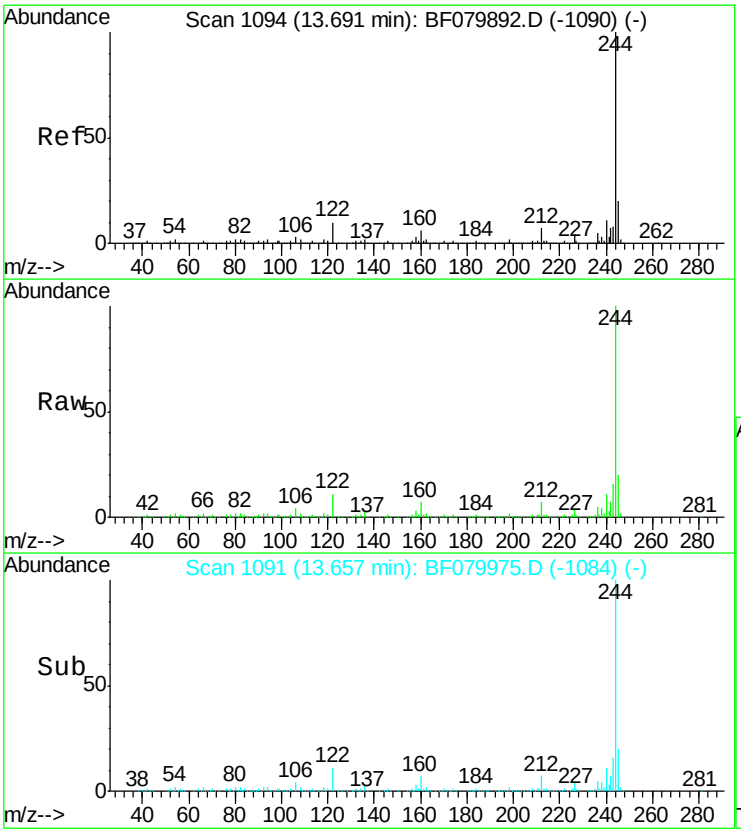

#77
Pyrene
Concen: 43.17 ng
RT: 13.51 min Scan# 1078
Delta R.T. -0.10 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:202 Resp: 578851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 16.8 | 25.2 |
| 203 | 18.1 | 14.4 | 21.6 |

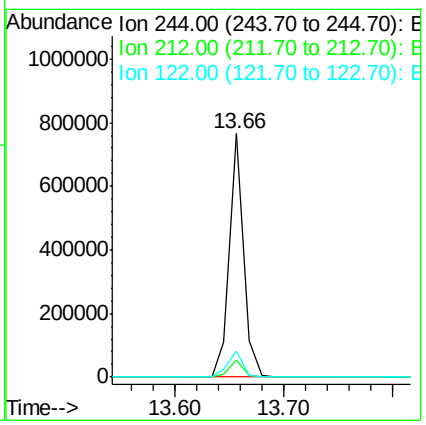


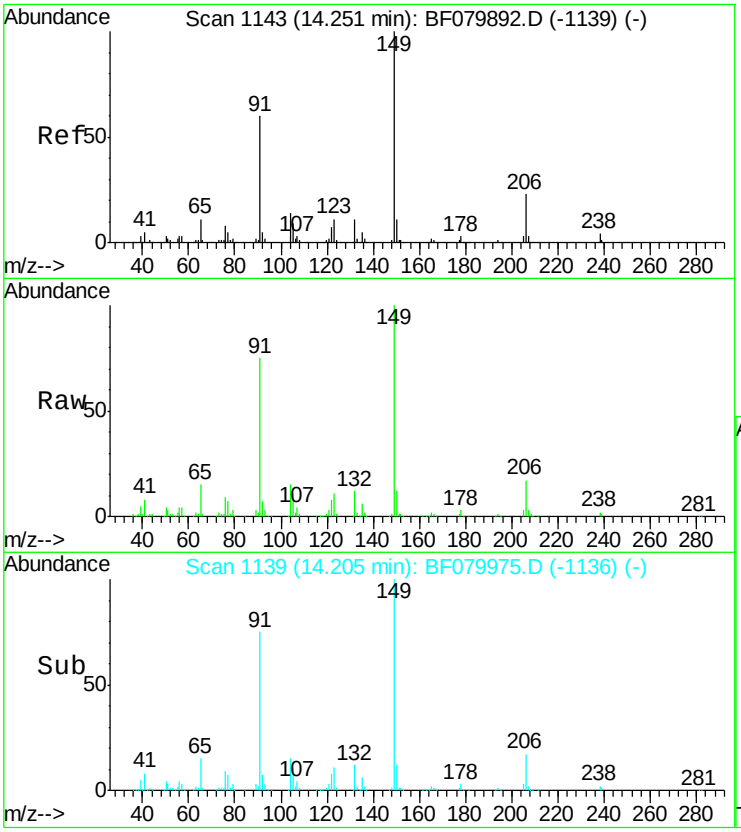




#78
Terphenyl-d14
Concen: 74.13 ng
RT: 13.66 min Scan# 1091
Delta R.T. -0.11 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:244 Resp: 686430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.2 |
| 122 | 10.8 | 7.8 | 11.8 |



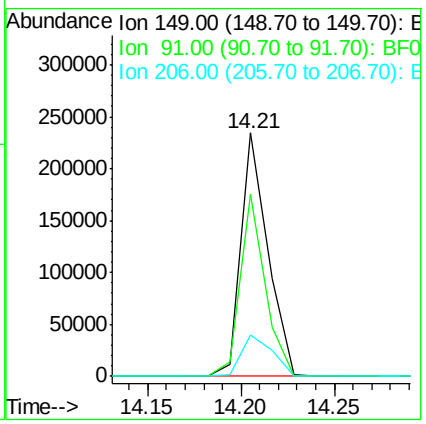


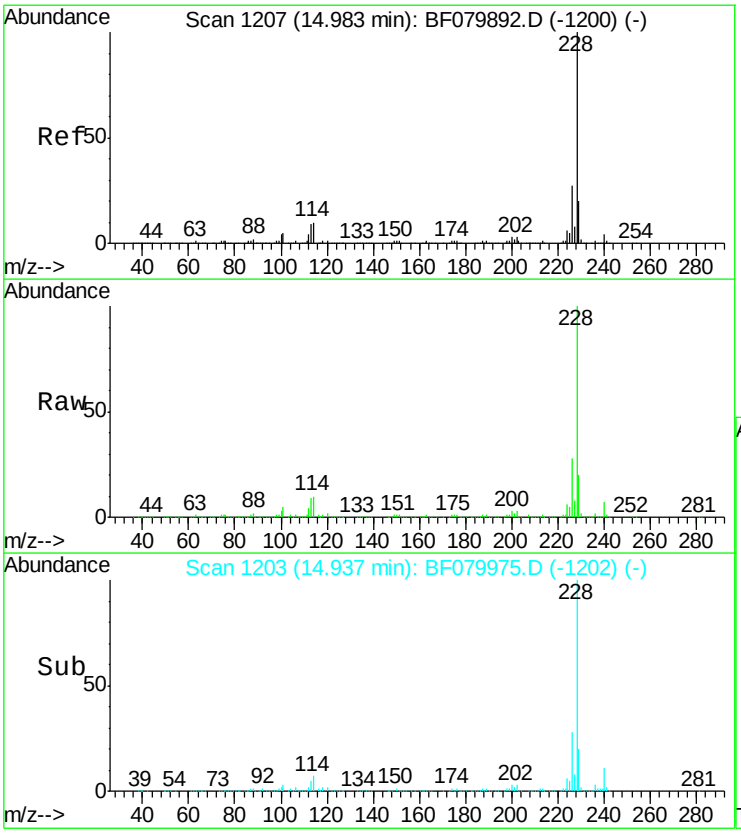

#79
Butylbenzylphthalate
Concen: 51.74 ng
RT: 14.21 min Scan# 1139
Delta R.T. -0.16 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:149 Resp: 234294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.9 | 48.1 | 72.1# |
| 206 | 17.2 | 18.6 | 27.8# |

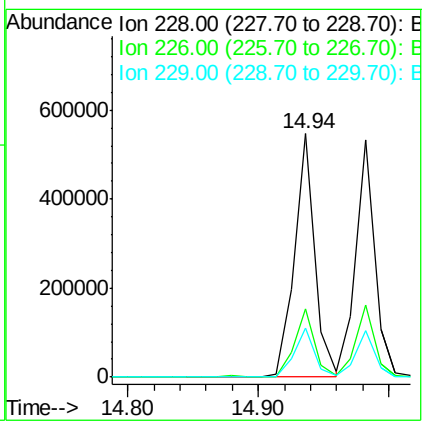


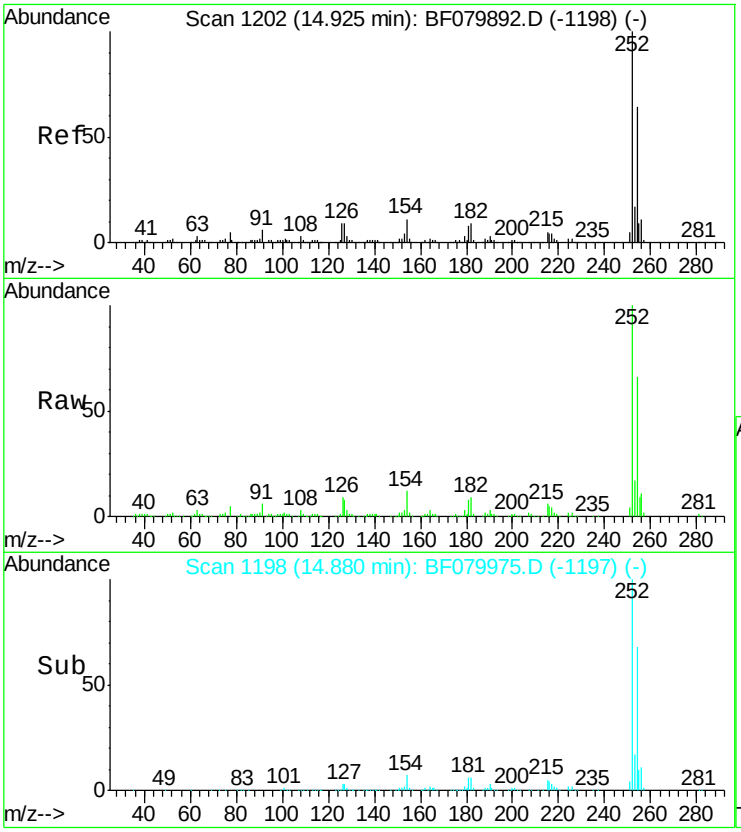




#80
Benzo(a)anthracene
Concen: 43.70 ng
RT: 14.94 min Scan# 1203
Delta R.T. -0.18 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:228 Resp: 592459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 21.8 | 32.8 |
| 229 | 20.0 | 15.9 | 23.9 |



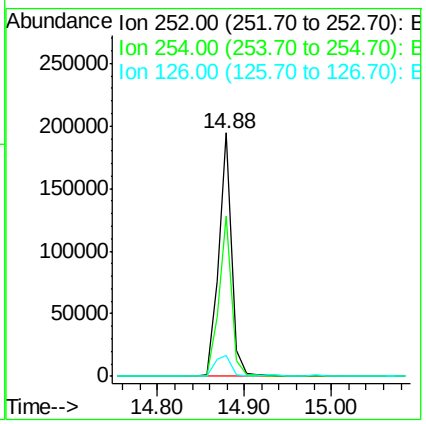


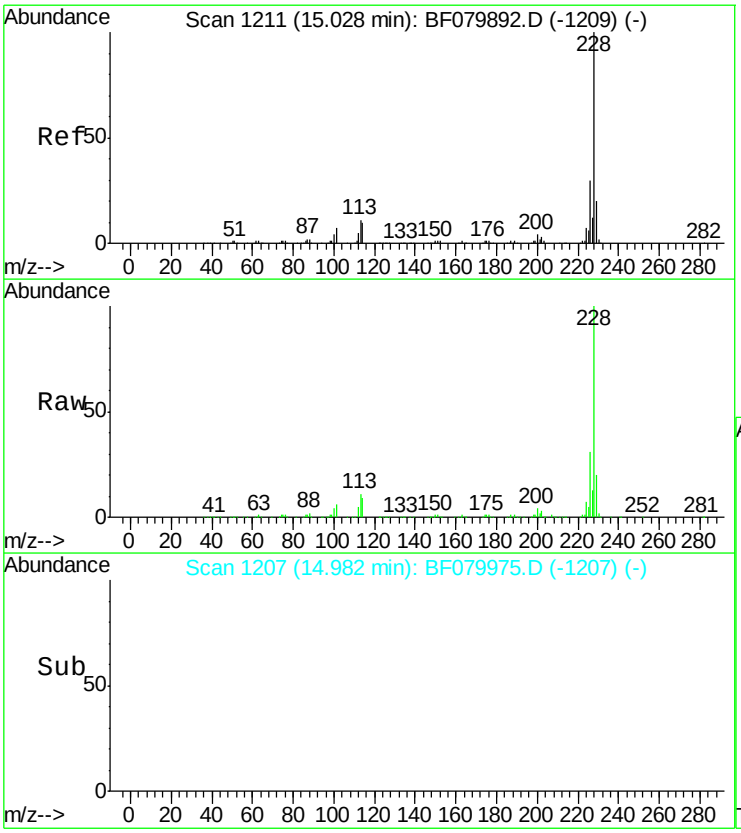

#81
3,3'-Dichlorobenzidine
Concen: 47.65 ng
RT: 14.88 min Scan# 1198
Delta R.T. -0.18 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:252 Resp: 206527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.0 | 51.1 | 76.7 |
| 126 | 8.7 | 7.3 | 10.9 |

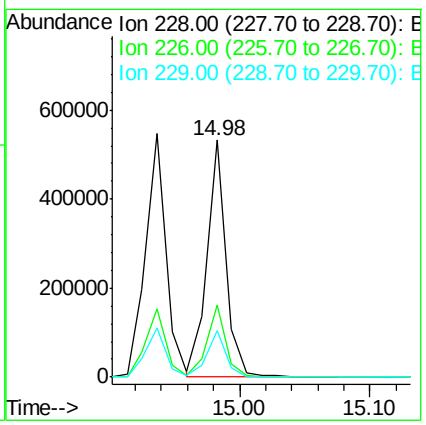


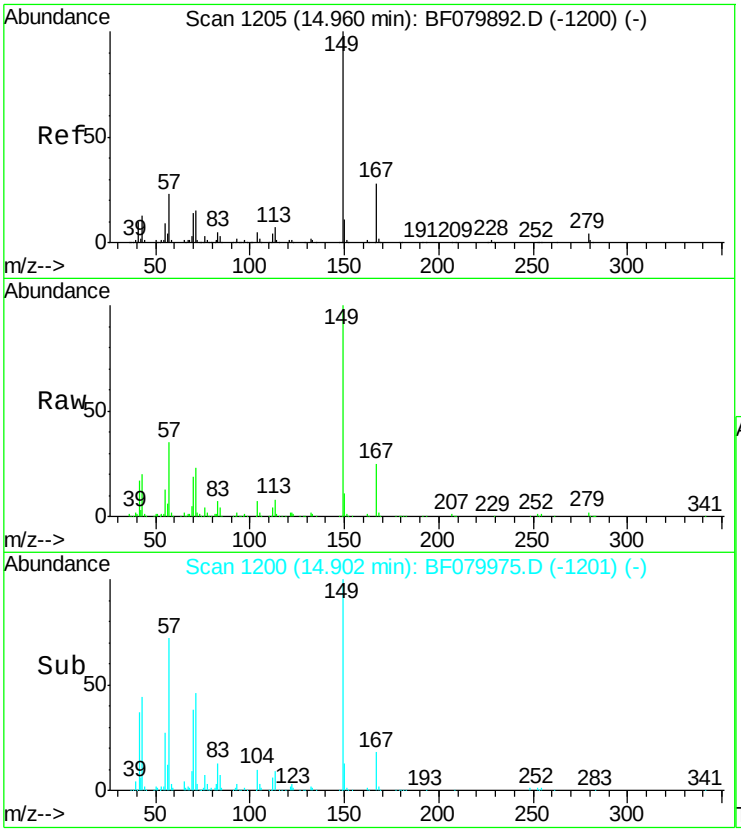




#82
Chrysene
Concen: 45.09 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.19 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:228 Resp: 540473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 23.9 | 35.9 |
| 229 | 19.7 | 16.1 | 24.1 |



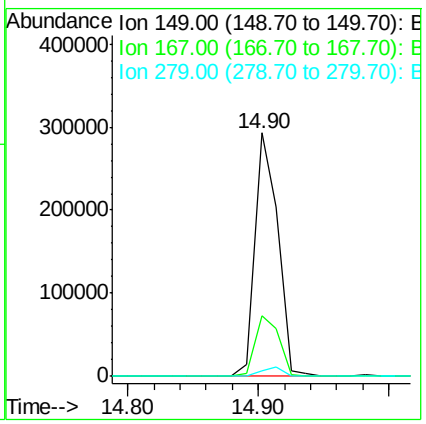


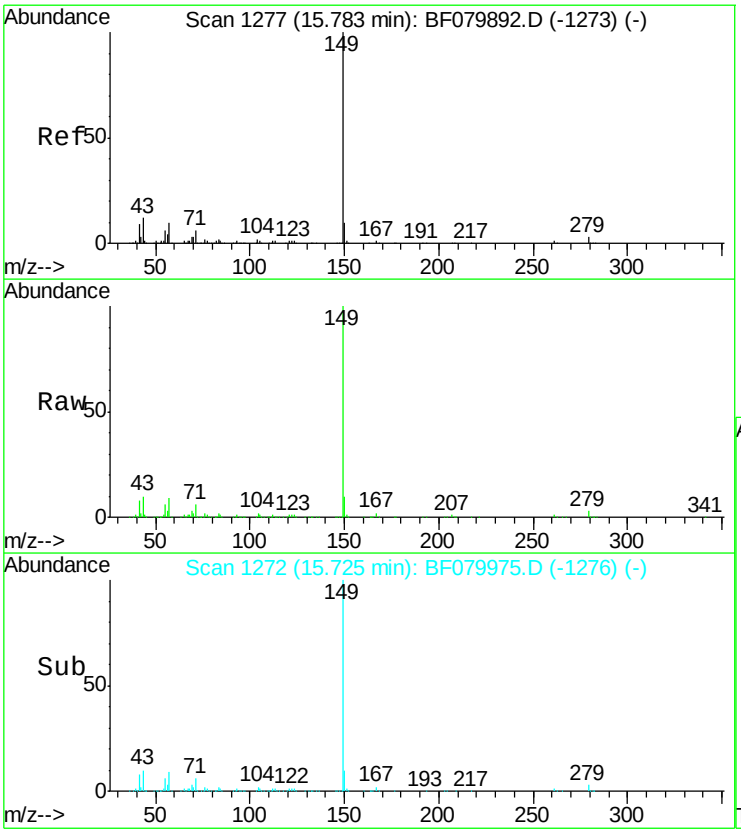

#83
Bis(2-ethylhexyl)phthalate
Concen: 49.50 ng
RT: 14.90 min Scan# 1200
Delta R.T. -0.21 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:149 Resp: 358754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.9 | 22.2 | 33.4 |
| 279 | 2.2 | 3.1 | 4.7# |

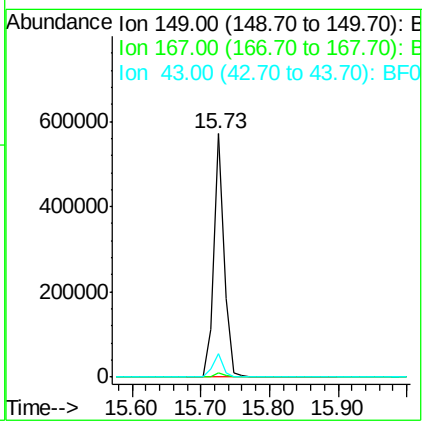


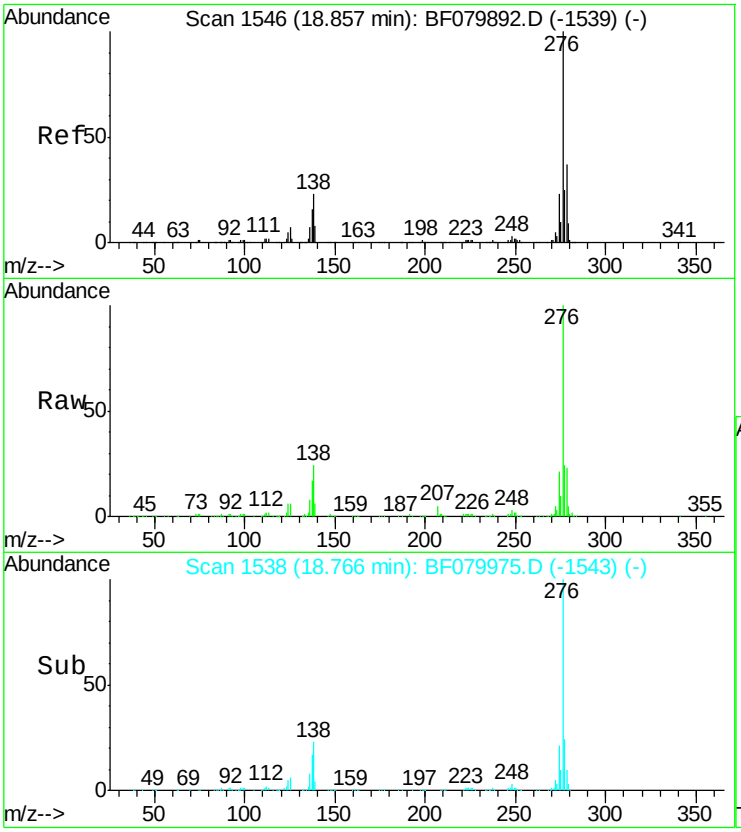




#84
Di-n-octyl phthalate
Concen: 51.72 ng
RT: 15.73 min Scan# 1272
Delta R.T. -0.24 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:149 Resp: 611273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 10.0 | 8.8 | 13.2 |



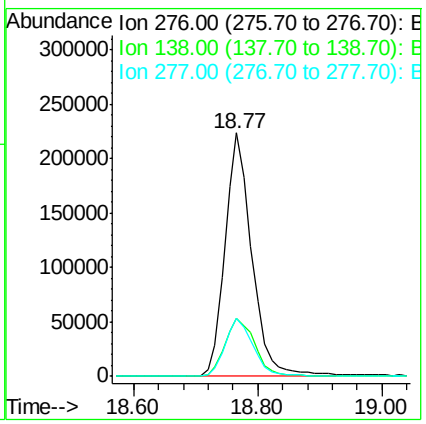


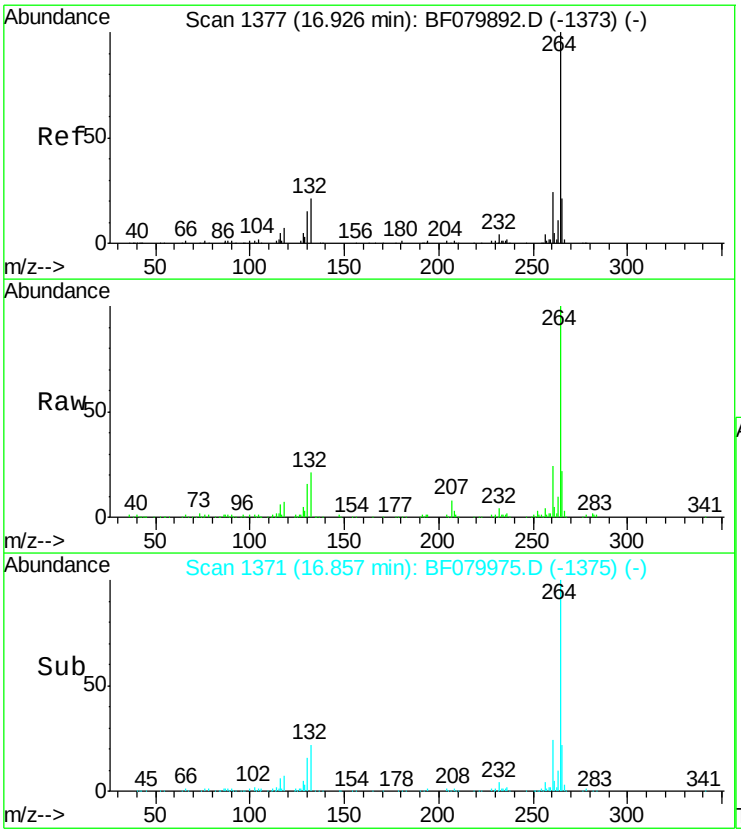

#85
Indeno(1,2,3-cd)pyrene
Concen: 47.23 ng
RT: 18.77 min Scan# 1538
Delta R.T. -0.25 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:276 Resp: 670591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.0 | 21.0 | 31.4 |
| 277 | 25.1 | 19.9 | 29.9 |

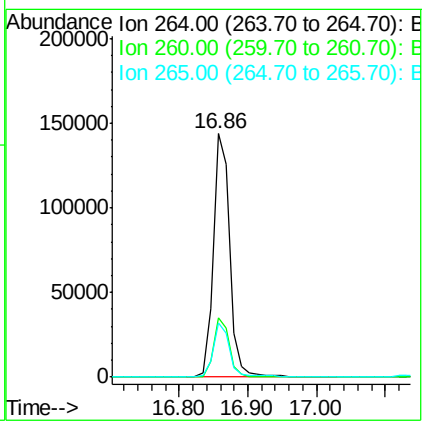


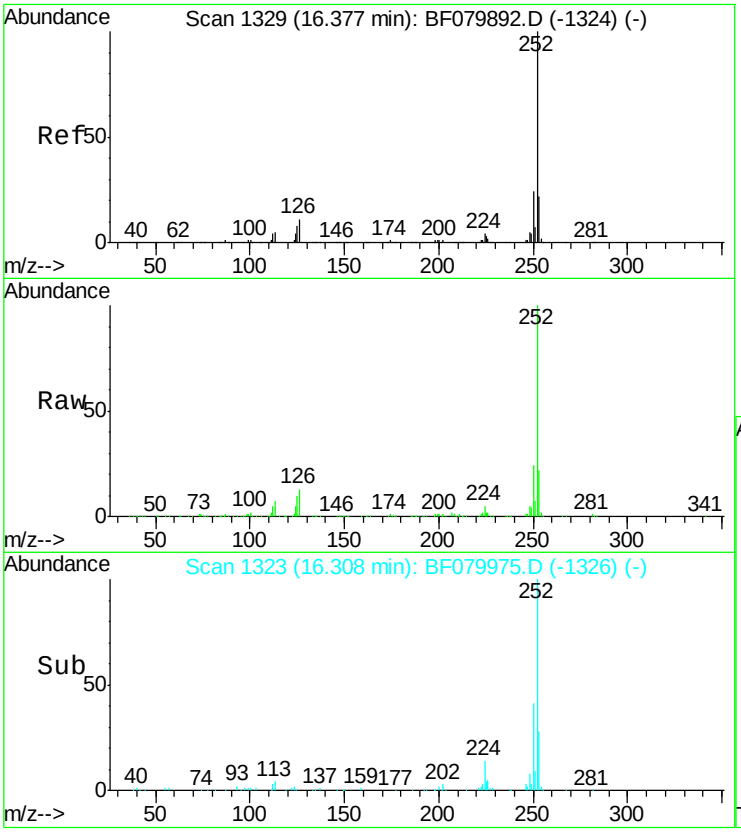




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.86 min Scan# 1371
Delta R.T. -0.24 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:264 Resp: 243470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.3 | 28.9 |
| 265 | 22.2 | 17.0 | 25.6 |



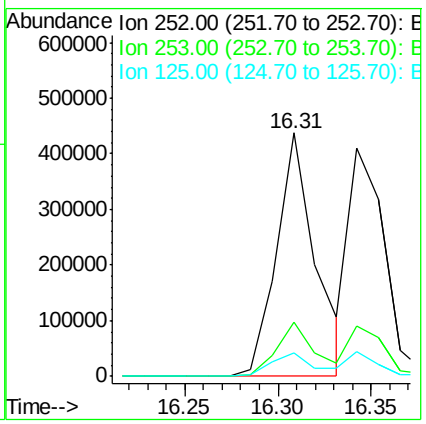


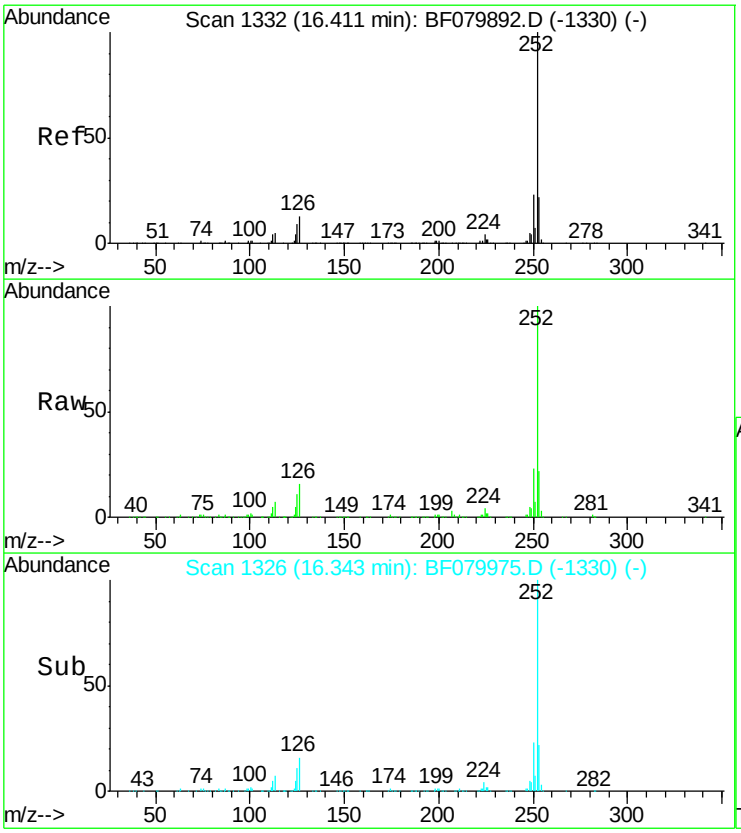

#87
Benzo(b)fluoranthene
Concen: 42.73 ng
RT: 16.31 min Scan# 1323
Delta R.T. -0.23 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:252 Resp: 637406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 9.8 | 6.5 | 9.7# |

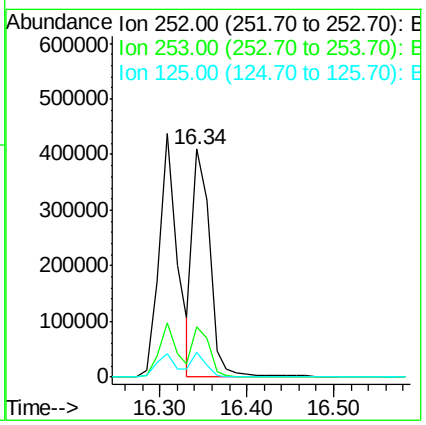


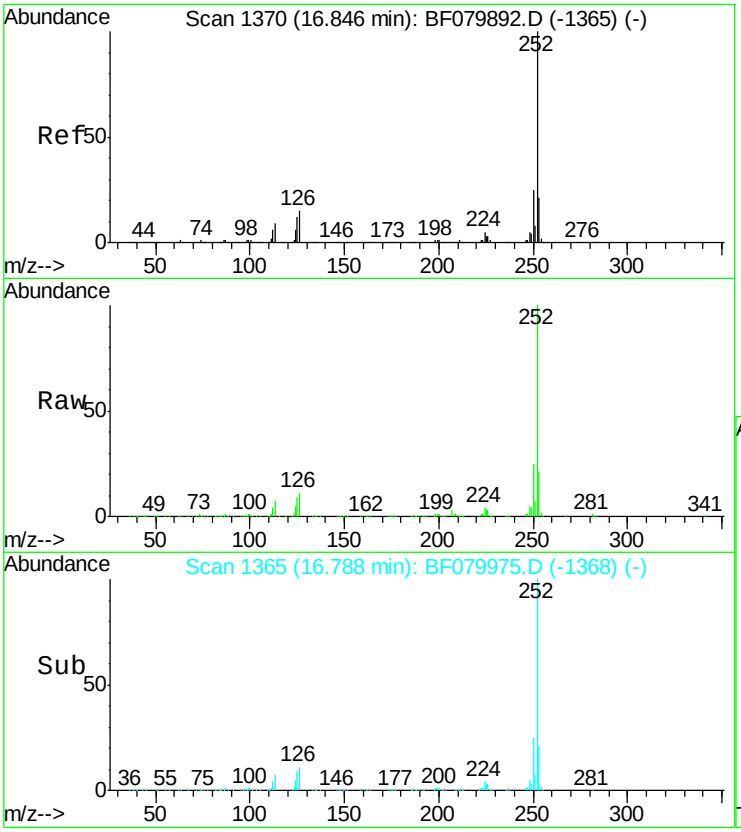




#88
Benzo(k)fluoranthene
Concen: 36.57 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.24 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:252 Resp: 556352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.4 | 26.2 |
| 125 | 10.8 | 7.4 | 11.0 |



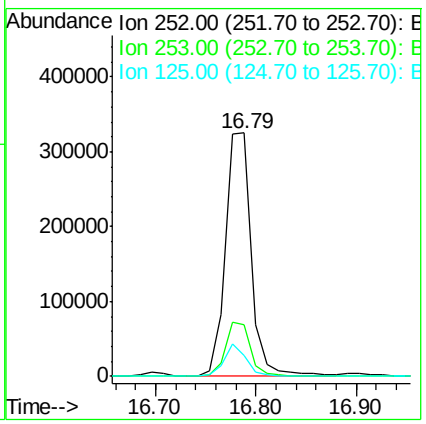


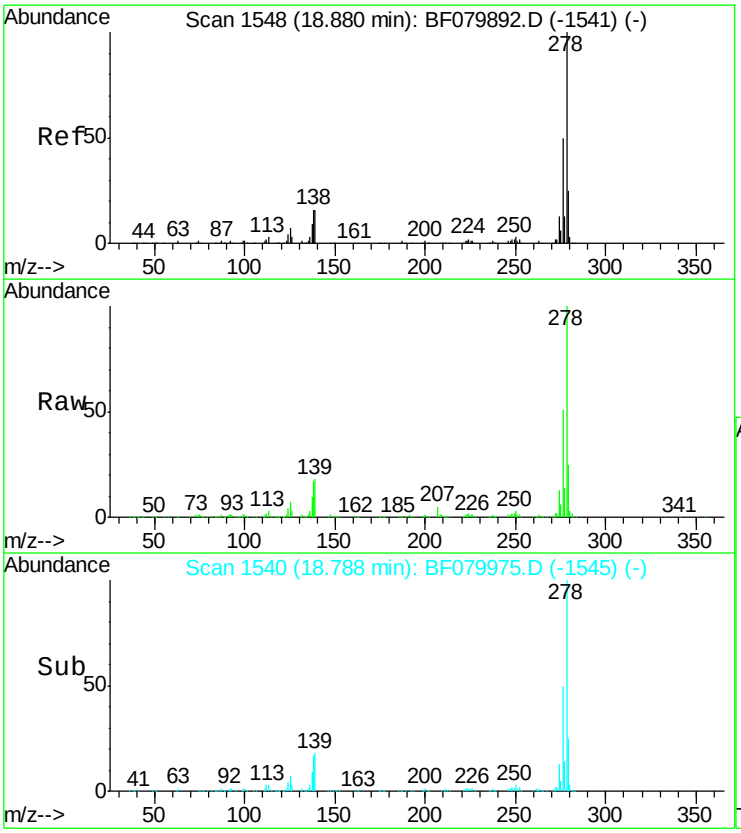

#89
Benzo(a)pyrene
Concen: 40.92 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.23 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:252 Resp: 580607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.0 | 25.6 |
| 125 | 8.6 | 9.7 | 14.5# |

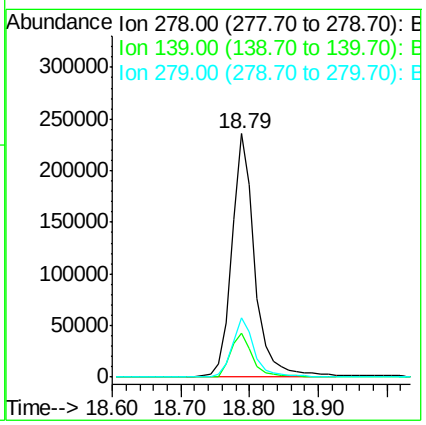


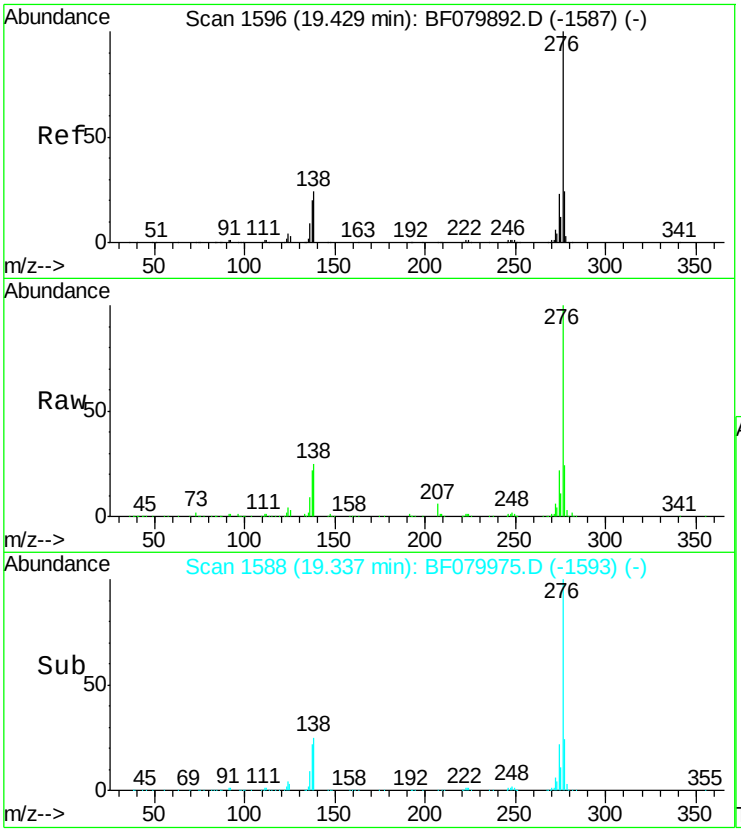




#90
Dibenzo(a,h)anthracene
Concen: 39.55 ng
RT: 18.79 min Scan# 1540
Delta R.T. -0.25 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion:278 Resp: 551539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 12.8 | 19.2 |
| 279 | 24.6 | 19.7 | 29.5 |






#91
Benzo(g,h,i)perylene
Concen: 39.39 ng
RT: 19.34 min Scan# 1588
Delta R.T. -0.25 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
VALHALLA-W1-9.5-10MS

Tgt Ion:276 Resp: 568358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.4 | 29.2 |
| 138 | 24.7 | 19.1 | 28.7 |