Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081101.D
Acq On : 20 Aug 2015 1:35
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
MMDadoda
8/20/2015 3:41:34 PM

Quant Time: Aug 20 02:08:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.58 | 152 | 61476 | 20.00 | ng | | -0.04 |
| 21) Naphthalene-d8 | 7.88 | 136 | 253865 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 9.62 | 164 | 122855 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 11.09 | 188 | 239356 | 20.00 | ng | | -0.04 |
| 75) Chrysene-d12 | 13.71 | 240 | 183773 | 20.00 | ng | | -0.04 |
| 86) Perylene-d12 | 15.04 | 264 | 174525 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.14 | 112 | 333559 | 81.61 | ng | | -0.04 |
| 7) Phenol-d6 | 6.23 | 99 | 463289 | 86.87 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.17 | 82 | 459992 | 82.77 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 78741 | 73.94 | ng | | -0.04 |
| 44) 2-Fluorobiphenyl | 8.96 | 172 | 726958 | 77.53 | ng | | -0.03 |
| 78) Terphenyl-d14 | 12.68 | 244 | 745927 | 87.02 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.00 | 88 | 82527 | 42.85 | ng | # | 88 |
| 3) Pyridine | 2.63 | 79 | 211253 | 38.86 | ng | # | 80 |
| 4) n-Nitrosodimethylamine | 2.58 | 42 | 122296 | 40.41 | ng | # | 77 |
| 6) Aniline | 6.25 | 93 | 322191 | 41.55 | ng | # | 56 |
| 8) 2-Chlorophenol | 6.37 | 128 | 177239 | 39.62 | ng | | 97 |
| 9) Benzaldehyde | 6.13 | 77 | 139271 | 40.51 | ng | | 97 |
| 10) Phenol | 6.25 | 94 | 273498 | 43.42 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.33 | 93 | 188029 | 38.91 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.53 | 146 | 208155 | 43.30 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.61 | 146 | 214341 | 45.03 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.76 | 146 | 170560 | 38.29 | ng | | 97 |
| 15) Benzyl Alcohol | 6.74 | 79 | 174309 | 40.40 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.88 | 45 | 367914 | 38.74 | ng | | 100 |
| 17) 2-Methylphenol | 6.86 | 107 | 160608 | 41.84 | ng | | 94 |
| 18) Hexachloroethane | 7.10 | 117 | 75967 | 39.50 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70 | 158993 | 43.04 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.02 | 107 | 188421 | 38.67 | ng | # | 60 |
| 22) Acetophenone | 7.01 | 105 | 248389 | 37.27 | ng | # | 91 |
| 24) Nitrobenzene | 7.18 | 77 | 213147 | 36.68 | ng | | 95 |
| 25) Isophorone | 7.43 | 82 | 424954 | 41.00 | ng | # | 95 |
| 26) 2-Nitrophenol | 7.50 | 139 | 107877 | 44.64 | ng | # | 72 |
| 27) 2,4-Dimethylphenol | 7.54 | 122 | 158275 | 37.02 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.65 | 93 | 259945 | 42.46 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.74 | 162 | 143986 | 40.01 | ng | | 89 |
| 30) 1,2,4-Trichlorobenzene | 7.82 | 180 | 151757 | 37.94 | ng | | 98 |
| 31) Naphthalene | 7.90 | 128 | 572945 | 40.49 | ng | | 99 |
| 32) Benzoic acid | 7.68 | 122 | 112279 | 46.69 | ng | | 93 |
| 33) 4-Chloroaniline | 7.96 | 127 | 249529 | 41.79 | ng | # | 90 |
| 34) Hexachlorobutadiene | 8.02 | 225 | 98040 | 43.34 | ng | | 98 |
| 35) Caprolactam | 8.34 | 113 | 56605 | 45.00 | ng | # | 65 |
| 36) 4-Chloro-3-methylphenol | 8.45 | 107 | 189387 | 44.15 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.58 | 142 | 338433 | 37.86 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 159021 | 40.12 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.74 | 237 | 82570 | 40.25 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081101.D
Acq On : 20 Aug 2015 1:35
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040EC

**Manual Integrations APPROVED**
MMDadoda
8/20/2015 3:41:34 PM

Quant Time: Aug 20 02:08:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.87 | 196 | 114237 | 40.79 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.90 | 196 | 103672 | 37.04 | ng | # | 85 |
| 45) 1,1'-Biphenyl | 9.05 | 154 | 404907 | 37.42 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.08 | 162 | 344500 | 39.63 | ng | | 97 |
| 47) 2-Nitroaniline | 9.18 | 65 | 143612 | 40.37 | ng | # | 59 |
| 48) Acenaphthylene | 9.49 | 152 | 603948 | 38.84 | ng | | 99 |
| 49) Dimethylphthalate | 9.36 | 163 | 356179 | 35.20 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.42 | 165 | 75759 | 34.87 | ng | # | 67 |
| 51) Acenaphthene | 9.66 | 154 | 356971 | 38.34 | ng | | 100 |
| 52) 3-Nitroaniline | 9.59 | 138 | 118732 | 43.68 | ng | # | 73 |
| 53) 2,4-Dinitrophenol | 9.69 | 184 | 54635 | 49.78 | ng | # | 51 |
| 54) Dibenzofuran | 9.83 | 168 | 485508 | 38.92 | ng | | 98 |
| 55) 4-Nitrophenol | 9.75 | 139 | 70554 | 36.95 | ng | # | 84 |
| 56) 2,4-Dinitrotoluene | 9.82 | 165 | 105112 | 36.51 | ng | # | 75 |
| 57) Fluorene | 10.16 | 166 | 347443 | 36.20 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.94 | 232 | 83738m | 38.66 | ng | | |
| 59) Diethylphthalate | 10.06 | 149 | 405811 | 37.89 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.16 | 204 | 151709 | 37.36 | ng | | 98 |
| 61) 4-Nitroaniline | 10.20 | 138 | 103974 | 37.42 | ng | | 91 |
| 62) Azobenzene | 10.32 | 77 | 471403 | 38.20 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.23 | 198 | 67074 | 46.92 | ng | # | 40 |
| 65) n-Nitrosodiphenylamine | 10.29 | 169 | 345560 | 40.44 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.65 | 248 | 97206 | 41.34 | ng | # | 94 |
| 67) Hexachlorobenzene | 10.71 | 284 | 102498 | 43.04 | ng | | 98 |
| 68) Atrazine | 10.81 | 200 | 92580 | 38.89 | ng | | 98 |
| 69) Pentachlorophenol | 10.90 | 266 | 63007 | 44.10 | ng | | 99 |
| 70) Phenanthrene | 11.12 | 178 | 554519 | 39.09 | ng | | 99 |
| 71) Anthracene | 11.17 | 178 | 547876 | 39.69 | ng | | 100 |
| 72) Carbazole | 11.33 | 167 | 581584 | 43.76 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.67 | 149 | 631853 | 39.29 | ng | | 98 |
| 74) Fluoranthene | 12.29 | 202 | 580048 | 37.89 | ng | | 91 |
| 76) Benzidine | 12.43 | 184 | 305543 | 44.01 | ng | | 99 |
| 77) Pyrene | 12.52 | 202 | 580777 | 38.87 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.16 | 149 | 315779 | 49.17 | ng | # | 86 |
| 80) Benzo(a)anthracene | 13.69 | 228 | 560964 | 45.52 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.67 | 252 | 167490 | 41.96 | ng | | 97 |
| 82) Chrysene | 13.74 | 228 | 539958 | 48.61 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.72 | 149 | 382569 | 46.51 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 14.32 | 149 | 654909 | 52.39 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.25 | 276 | 419116 | 53.75 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 14.69 | 252 | 613050m | 49.66 | ng | | |
| 88) Benzo(k)fluoranthene | 14.72 | 252 | 337158m | 29.31 | ng | | |
| 89) Benzo(a)pyrene | 15.00 | 252 | 418538 | 38.91 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.28 | 278 | 344094 | 41.05 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 16.62 | 276 | 329483 | 38.75 | ng | # | 91 |

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

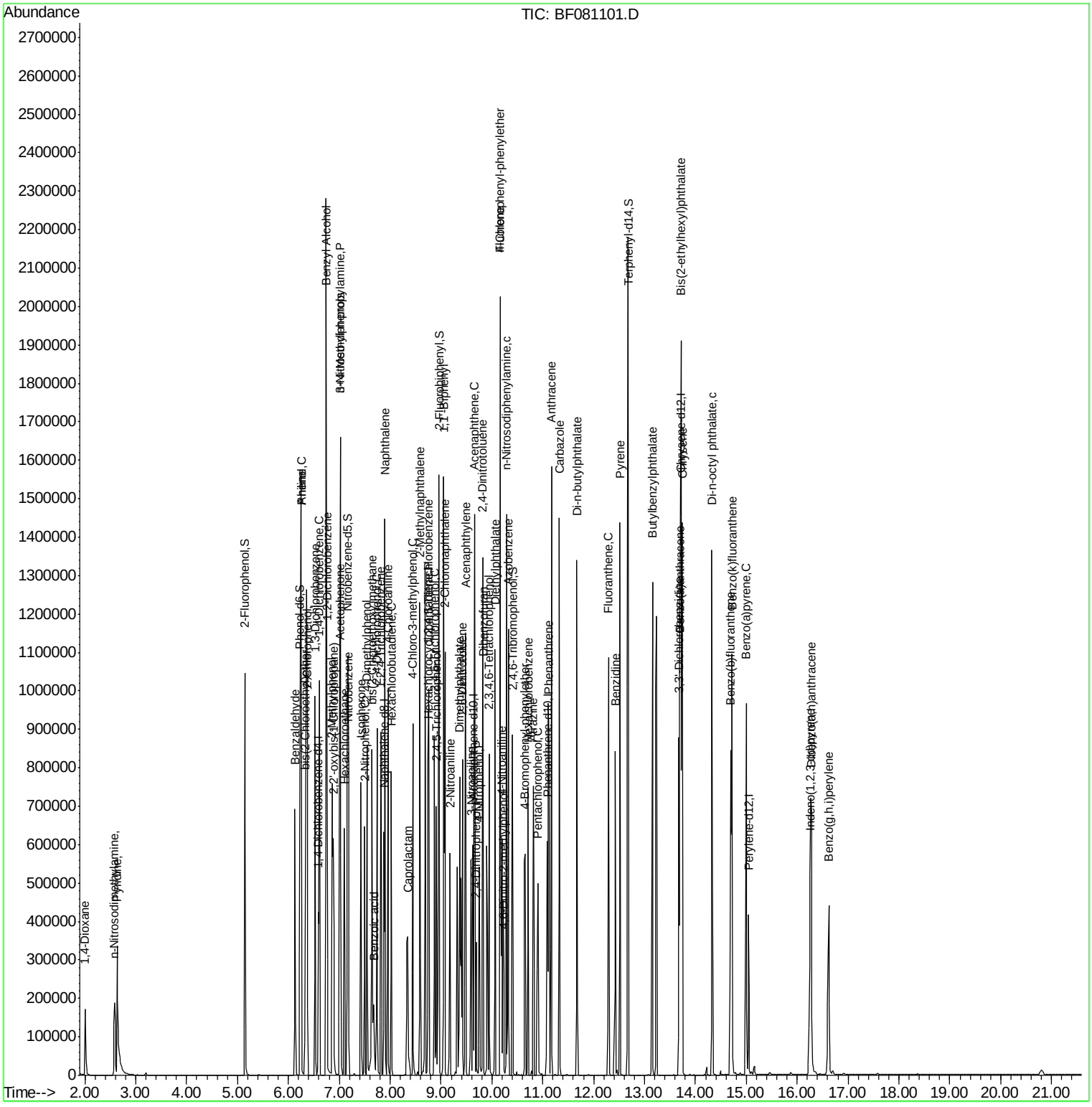
Quantitation Report (QT Reviewed)

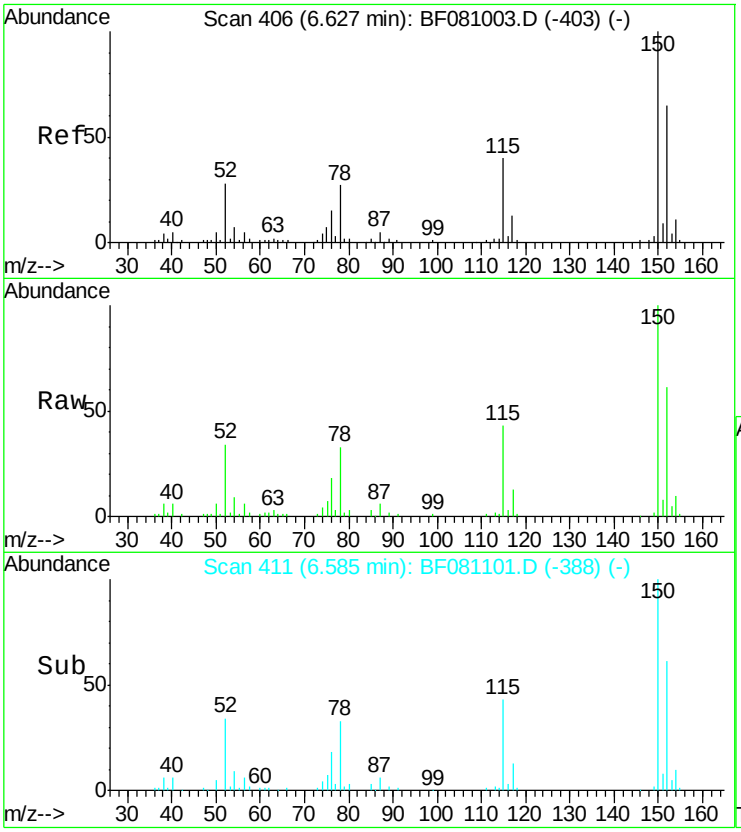
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081101.D
Acq On : 20 Aug 2015 1:35
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 02:08:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
MMDadoda
8/20/2015 3:41:34 PM

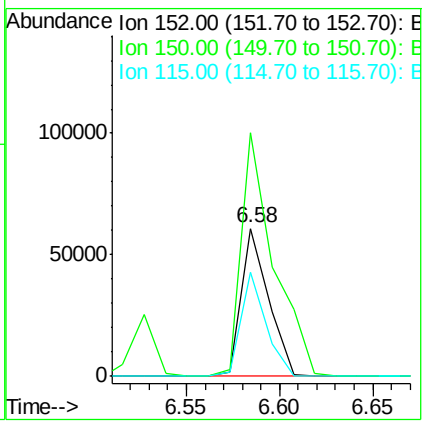





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

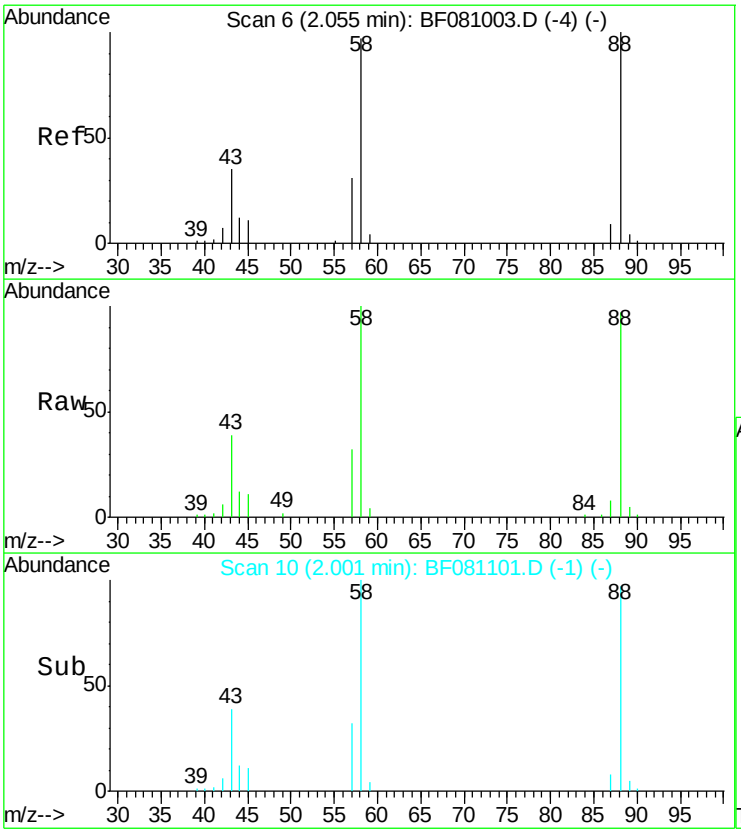
Tgt Ion:152 Resp: 61476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 164.4 | 123.8 | 185.6 |
| 115 | 70.1 | 52.1 | 78.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

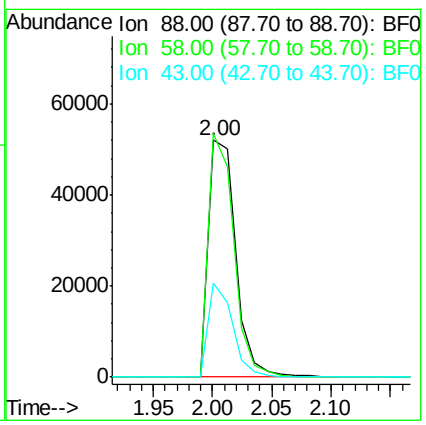
**Manual Integrations APPROVED**
MMDadoda
8/20/2015 3:41:34 PM

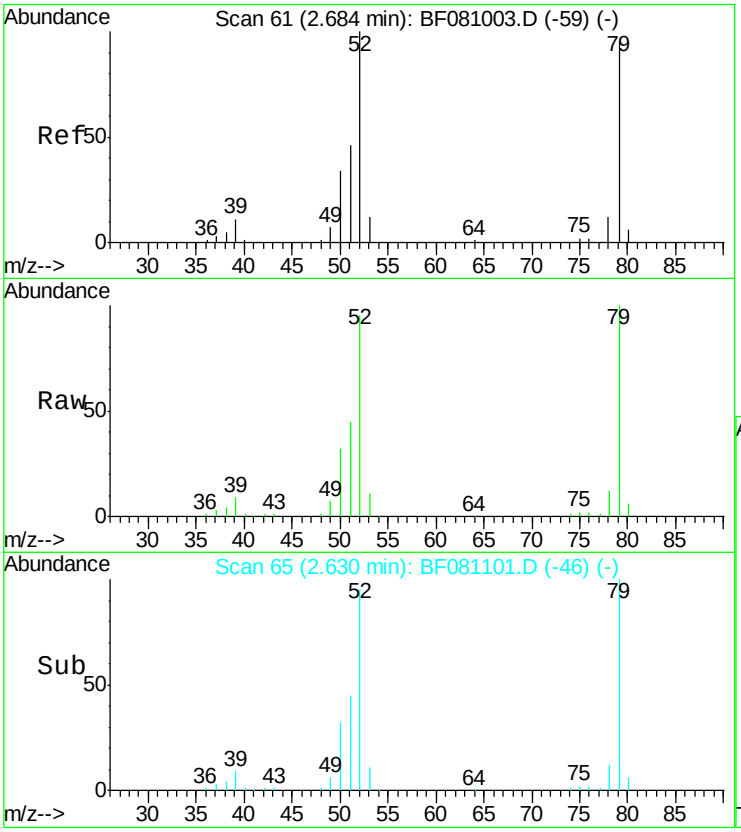



#2
1,4-Dioxane
Concen: 42.85 ng
RT: 2.00 min Scan# 10
Delta R.T. -0.05 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 88 Resp: 82527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 95.4 | 83.7 | 125.5 |
| 43 | 35.3 | 37.5 | 56.3# |






#3
Pyridine
Concen: 38.86 ng
RT: 2.63 min Scan# 65
Delta R.T. -0.09 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 79 Resp: 211253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 95.0 | 95.1 | 142.7# |
| 51 | 44.9 | 46.6 | 70.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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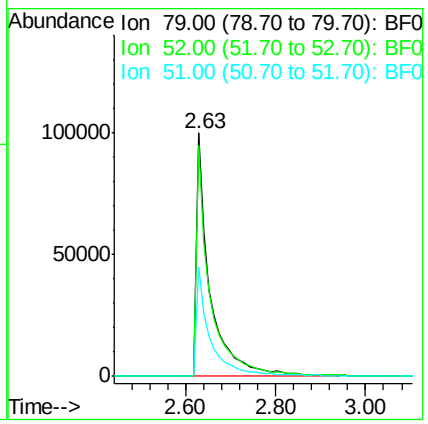
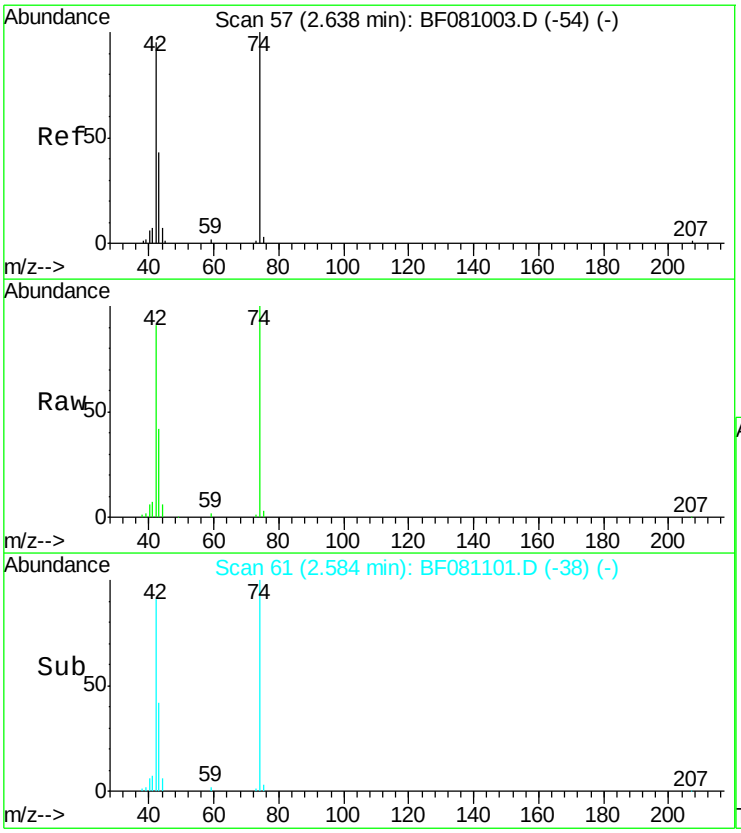
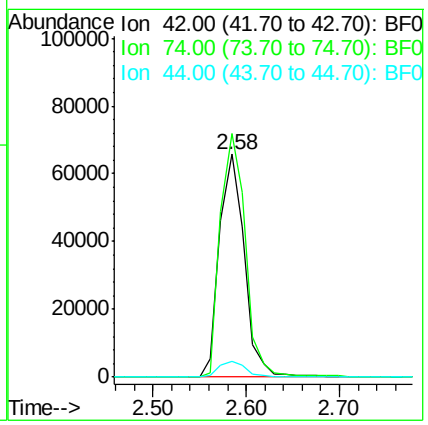


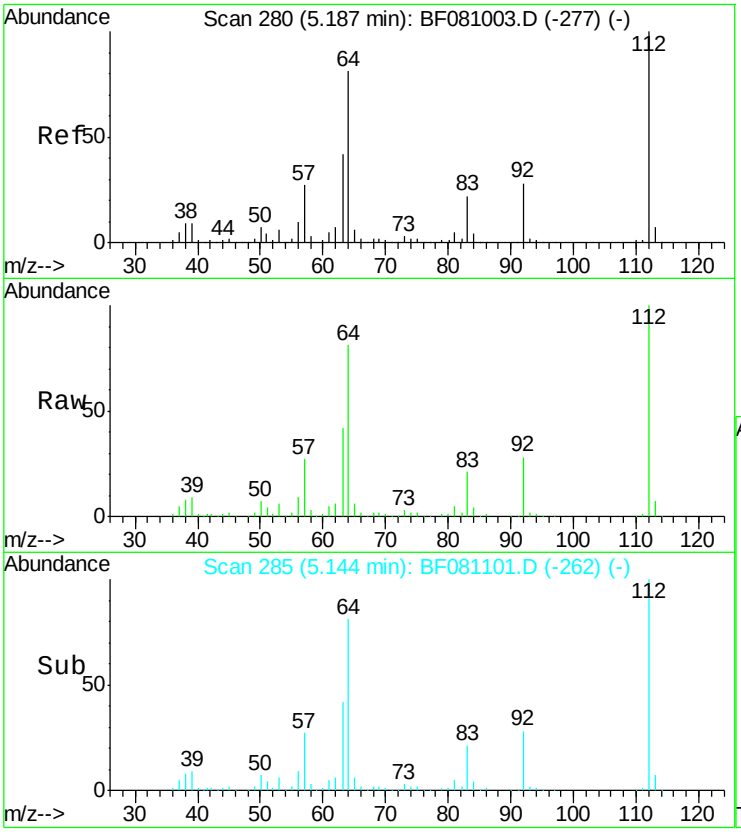




#4
n-Nitrosodimethylamine
Concen: 40.41 ng
RT: 2.58 min Scan# 61
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 42 Resp: 122296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 109.4 | 69.3 | 103.9# |
| 44 | 7.0 | 5.5 | 8.3 |

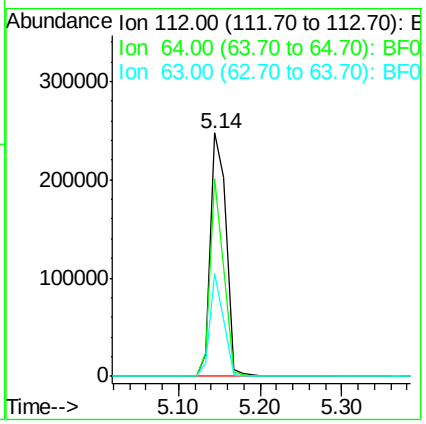





#5
2-Fluorophenol
Concen: 81.61 ng
RT: 5.14 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:112 Resp: 333559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 81.2 | 66.9 | 100.3 |
| 63 | 42.2 | 38.1 | 57.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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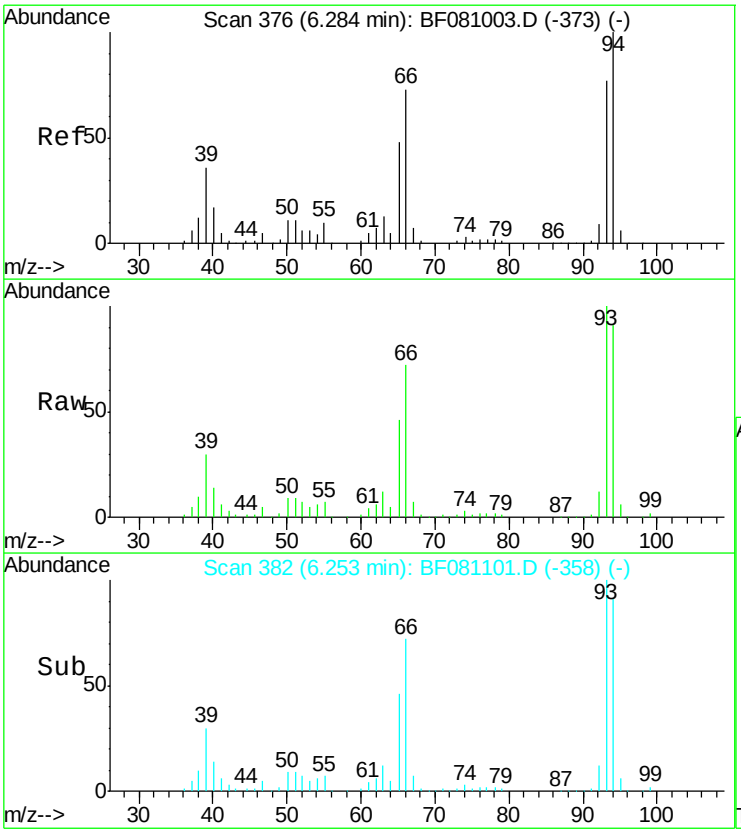
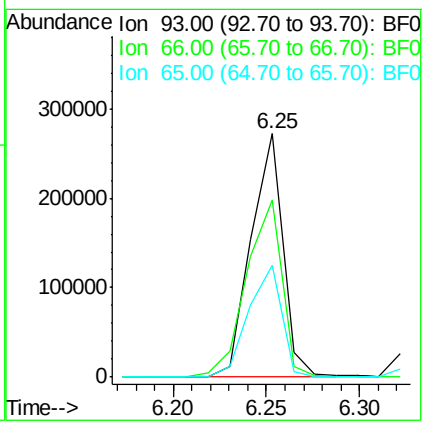
8/20/2015 3:41:34 PM

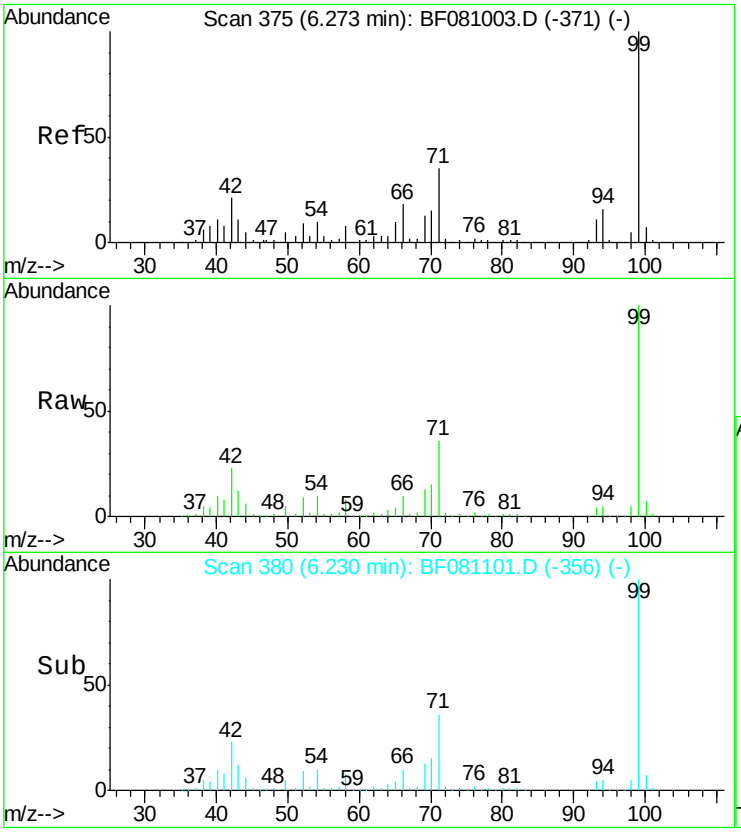



#6
Aniline
Concen: 41.55 ng
RT: 6.25 min Scan# 382
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 93 Resp: 322191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 72.5 | 35.6 | 53.4# |
| 65 | 45.7 | 18.7 | 28.1# |

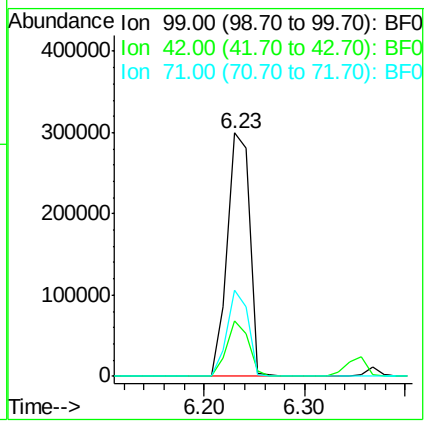





#7
Phenol-d6
Concen: 86.87 ng
RT: 6.23 min Scan# 380
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

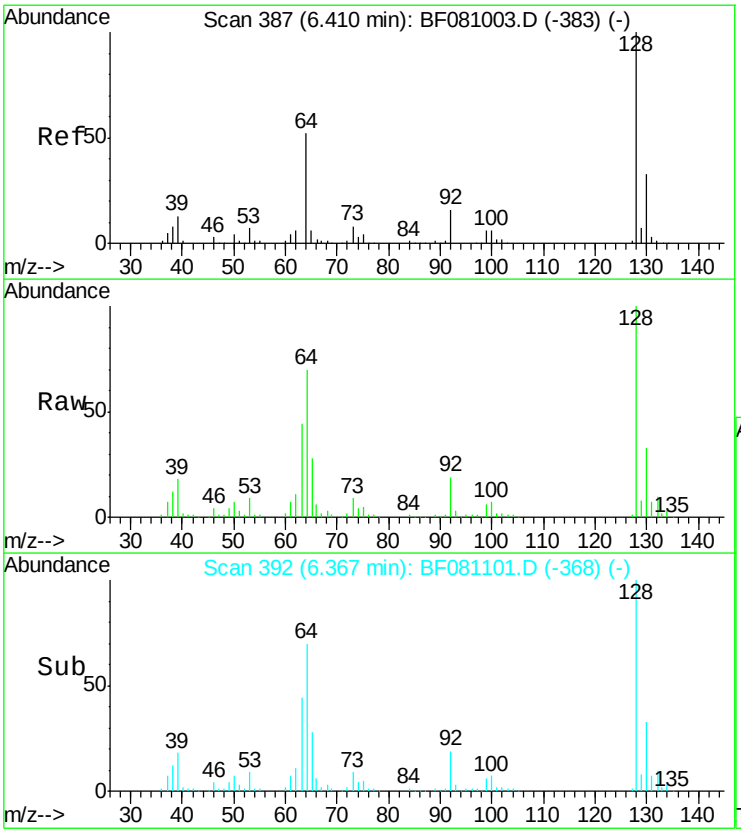
Tgt Ion: 99 Resp: 463289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.0 | 19.6 | 29.4 |
| 71 | 35.6 | 31.2 | 46.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

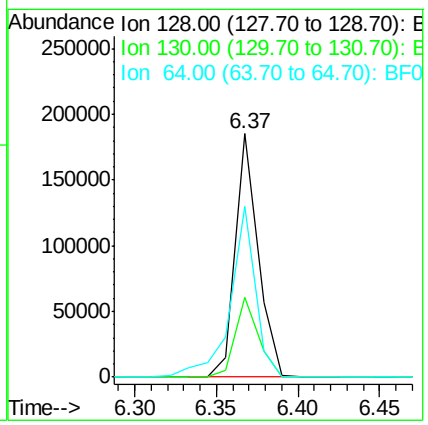
**Manual Integrations APPROVED**
MMDadoda
8/20/2015 3:41:34 PM

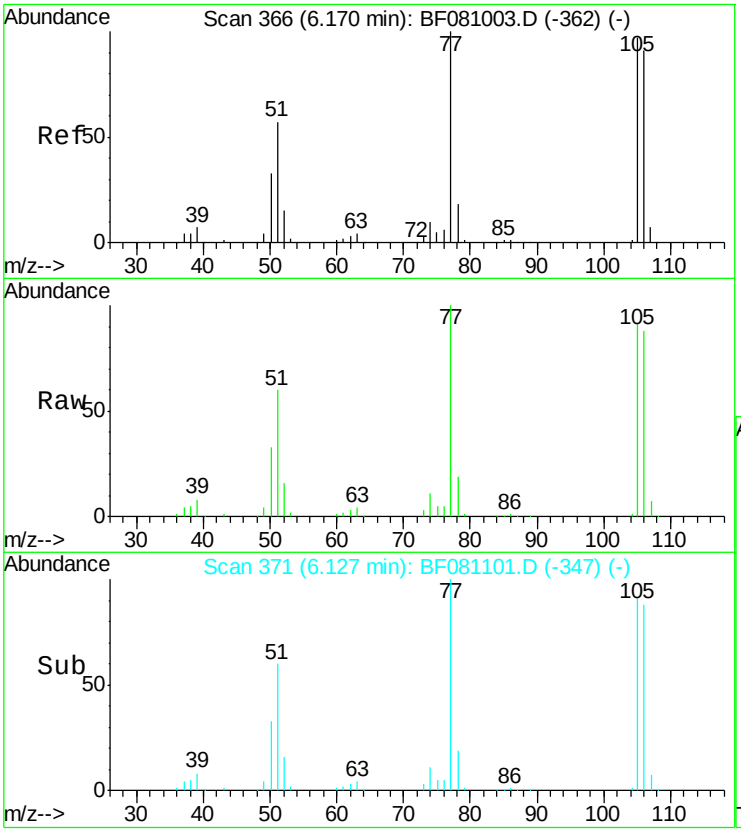



#8
2-Chlorophenol
Concen: 39.62 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:128 Resp: 177239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.5 | 52.5 |
| 64 | 69.9 | 46.8 | 86.8 |

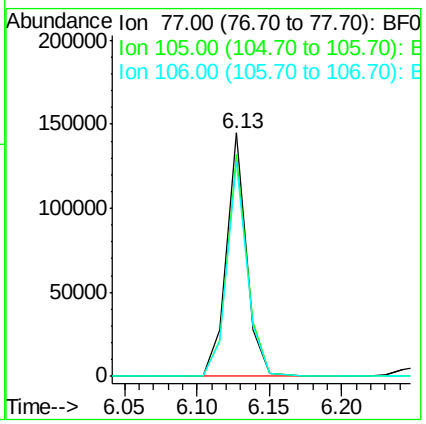





#9
Benzaldehyde
Concen: 40.51 ng
RT: 6.13 min Scan# 371
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

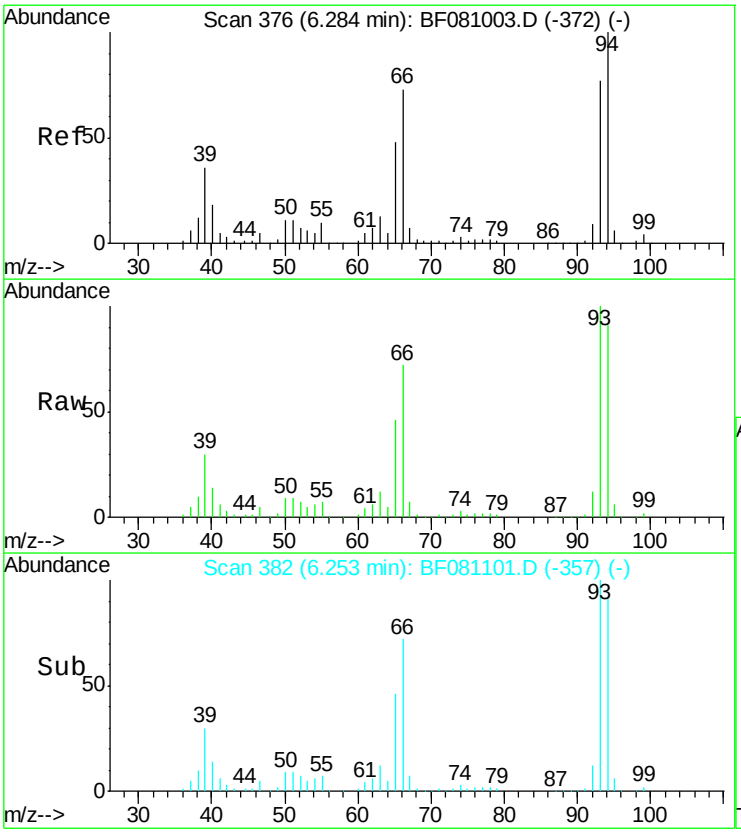
Tgt Ion: 77 Resp: 139271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 91.4 | 69.6 | 109.6 |
| 106 | 88.2 | 64.0 | 104.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

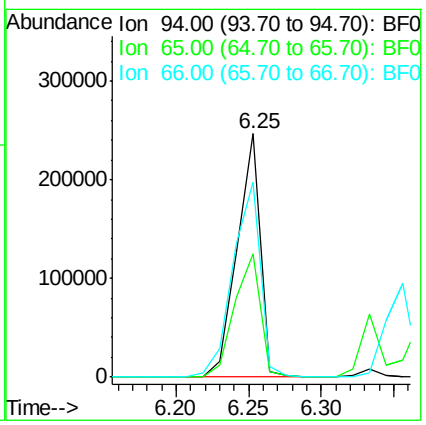
**Manual Integrations APPROVED**
MMDadoda
8/20/2015 3:41:34 PM

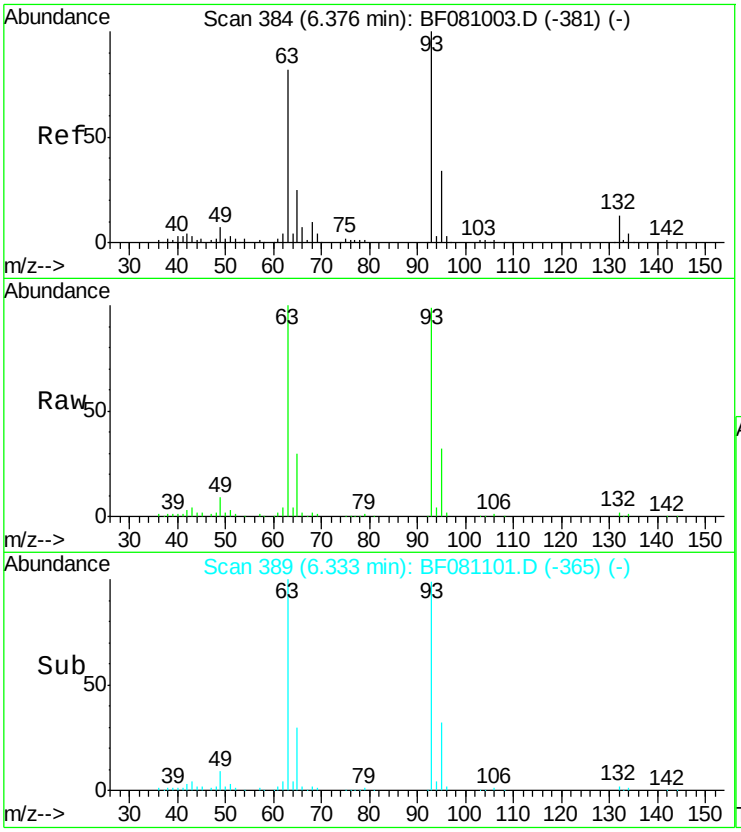



#10
Phenol
Concen: 43.42 ng
RT: 6.25 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 94 Resp: 273498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 50.4 | 28.4 | 68.4 |
| 66 | 80.0 | 52.3 | 92.3 |

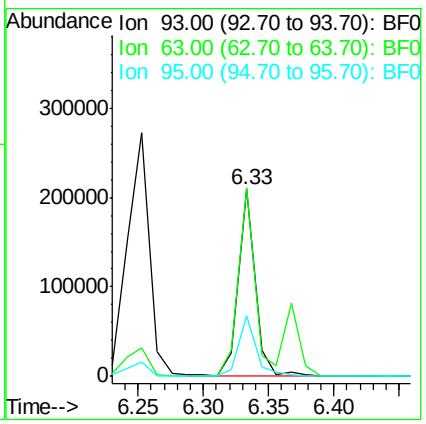





#11
bis(2-Chloroethyl)ether
Concen: 38.91 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 93 Resp: 188029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 101.1 | 69.6 | 109.6 |
| 95 | 32.4 | 12.3 | 52.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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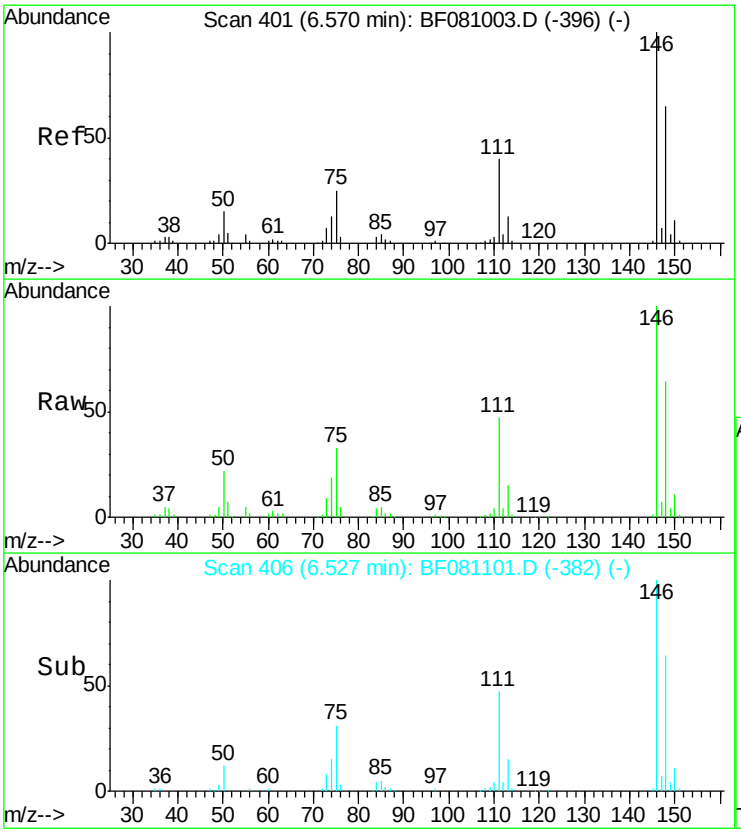
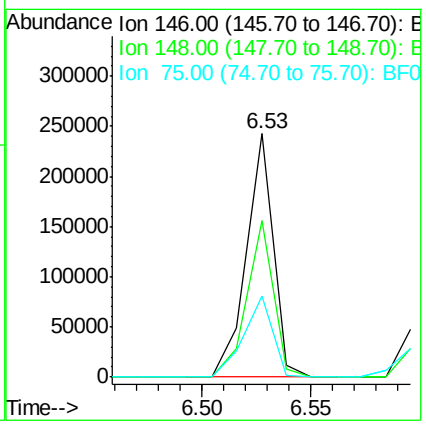
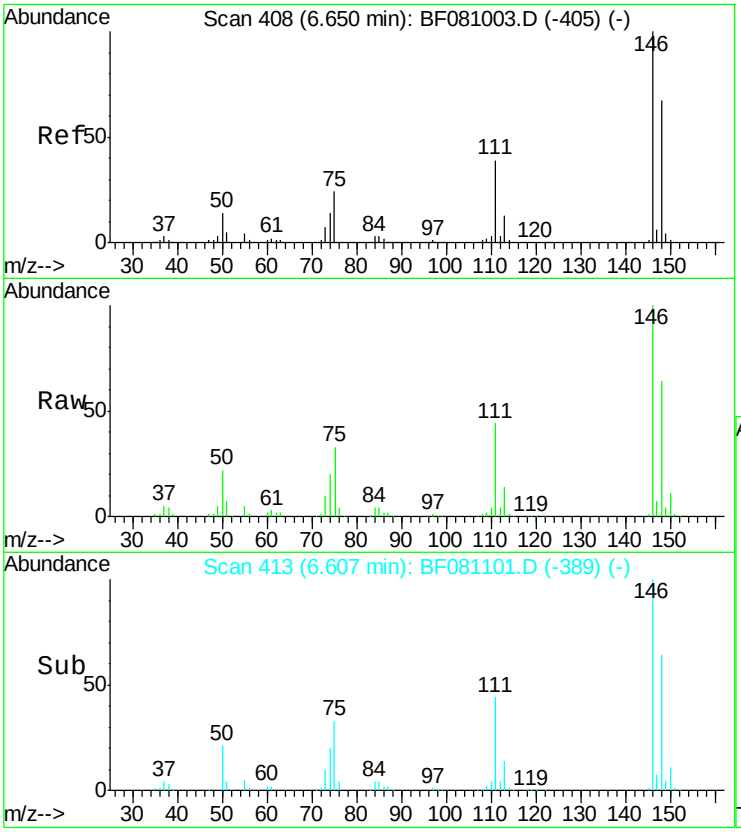



#12
1,3-Dichlorobenzene
Concen: 43.30 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:146 Resp: 208155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 53.3 | 79.9 |
| 75 | 33.1 | 25.0 | 37.6 |

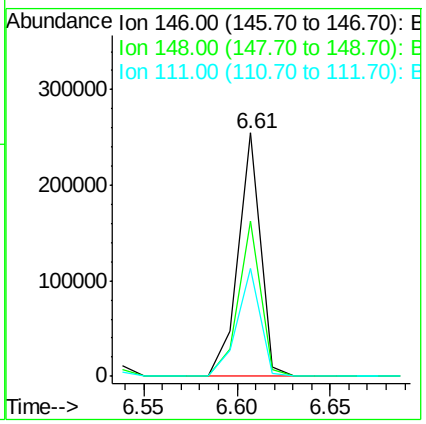





#13
1,4-Dichlorobenzene
Concen: 45.03 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:146 Resp: 214341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 52.3 | 78.5 |
| 111 | 44.3 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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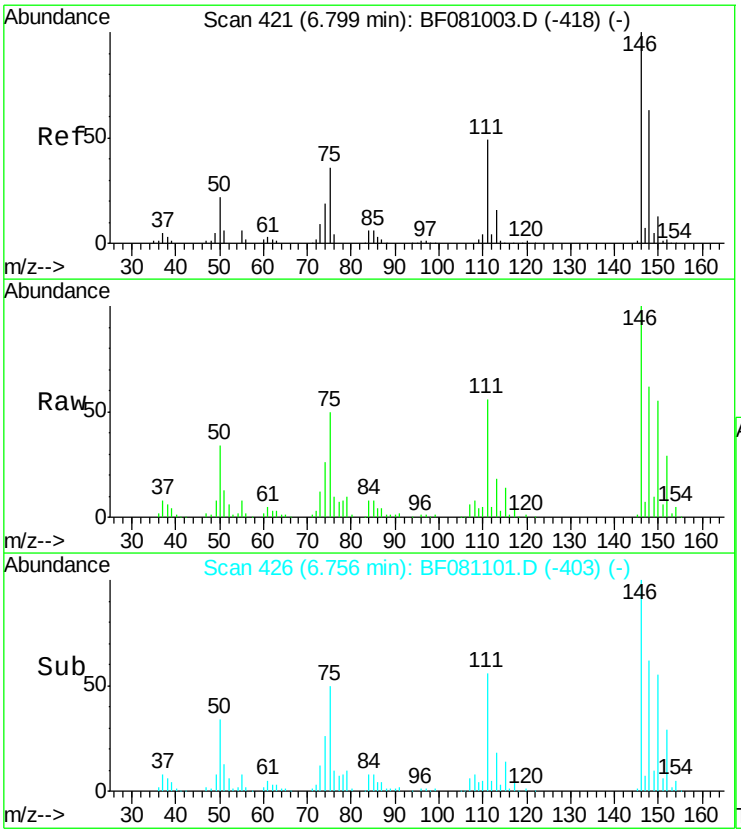
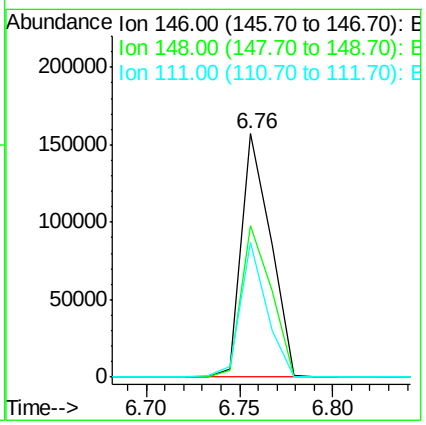
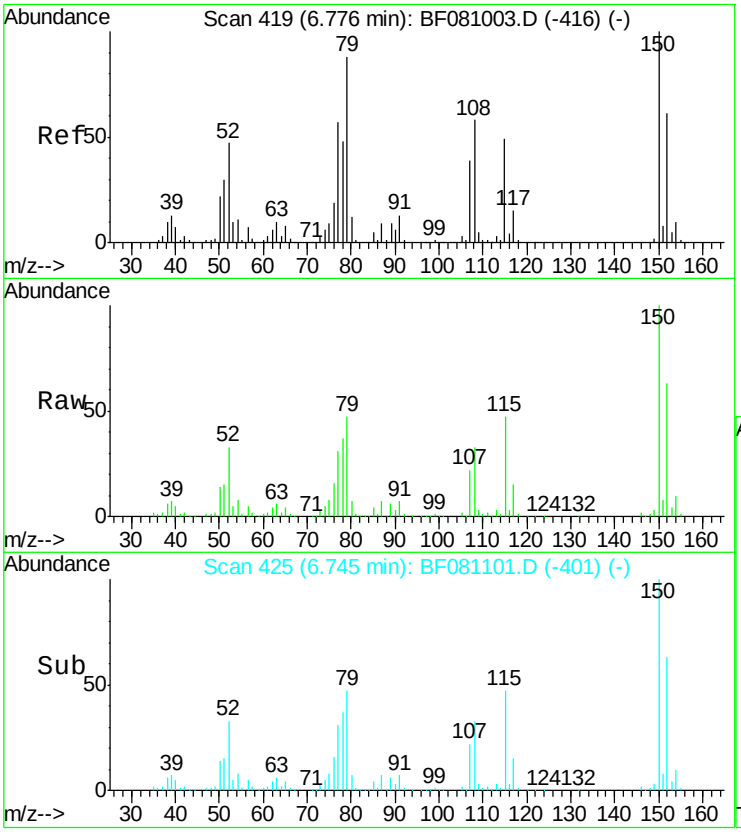



#14
1,2-Dichlorobenzene
Concen: 38.29 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:146 Resp: 170560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.4 | 48.7 | 73.1 |
| 111 | 55.6 | 42.3 | 63.5 |

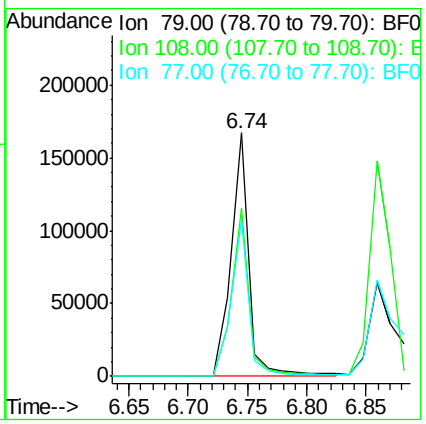





#15
Benzyl Alcohol
Concen: 40.40 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 79 Resp: 174309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.1 | 49.4 | 74.2 |
| 77 | 64.5 | 51.4 | 77.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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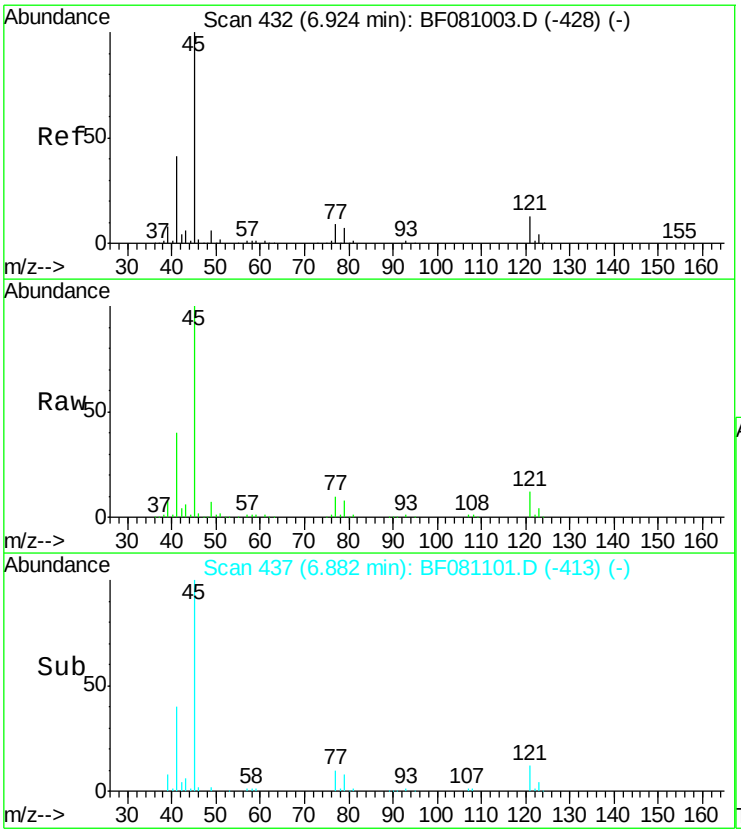
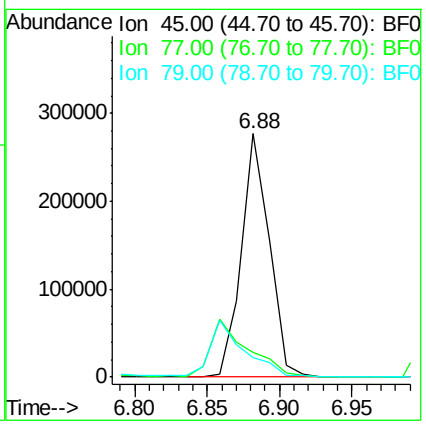
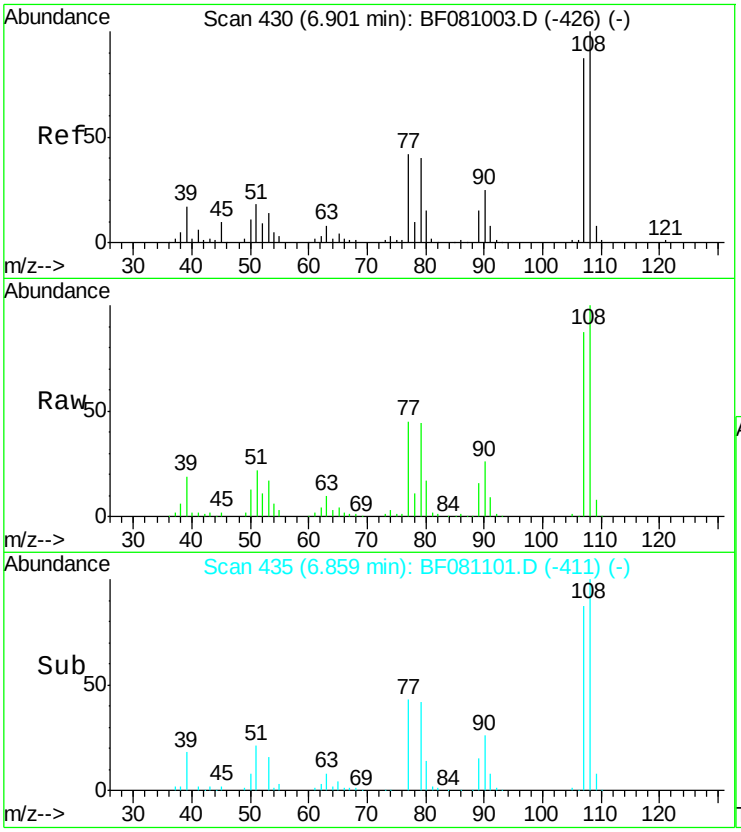



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.74 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 45 Resp: 367914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.2 | 0.0 | 30.2 |
| 79 | 8.2 | 0.0 | 28.0 |

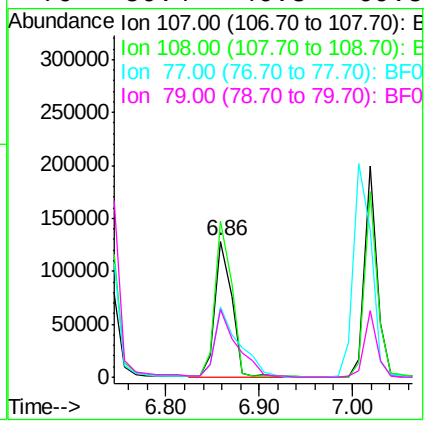





#17
2-Methylphenol
Concen: 41.84 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:107 Resp: 160608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.3 | 90.4 | 135.6 |
| 77 | 51.5 | 46.5 | 69.7 |
| 79 | 50.4 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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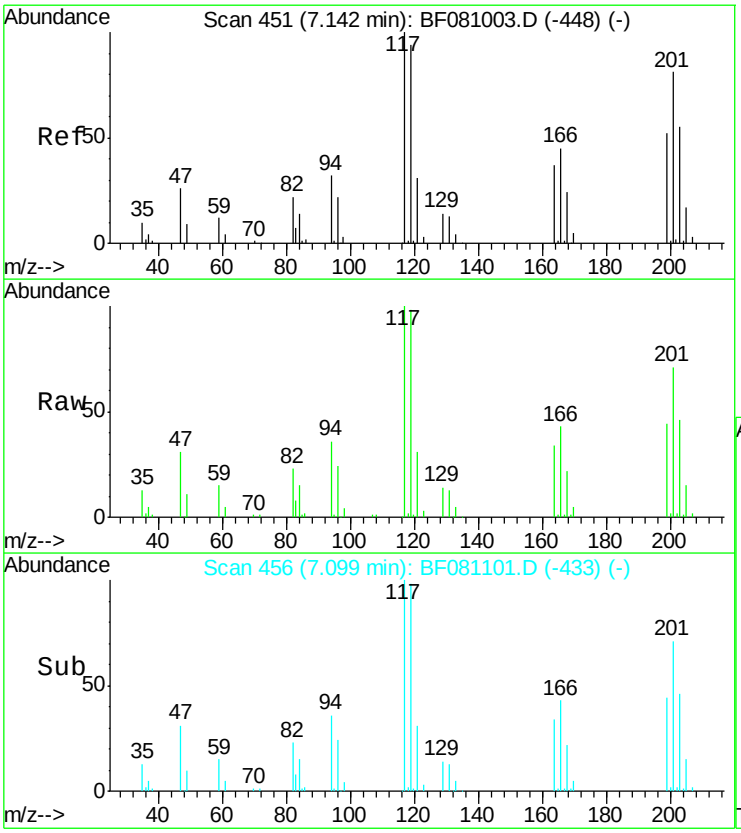
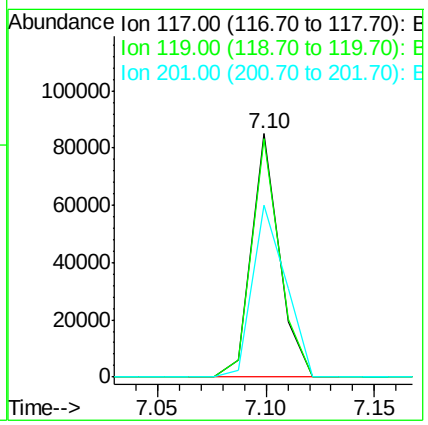
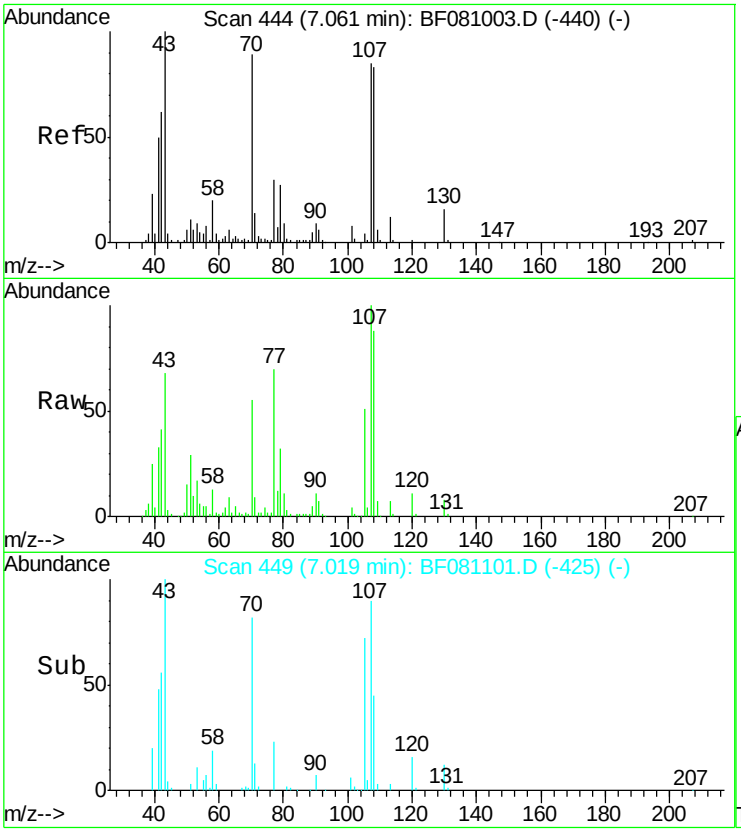



#18
Hexachloroethane
Concen: 39.50 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:117 Resp: 75967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.2 | 77.9 | 116.9 |
| 201 | 70.8 | 61.3 | 91.9 |

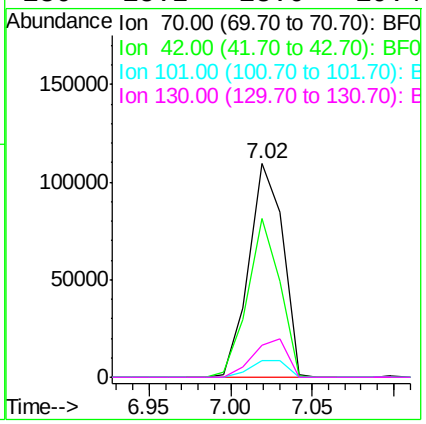





#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 70 Resp: 158993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 74.1 | 65.0 | 97.4 |
| 101 | 8.1 | 7.4 | 11.2 |
| 130 | 15.2 | 13.0 | 19.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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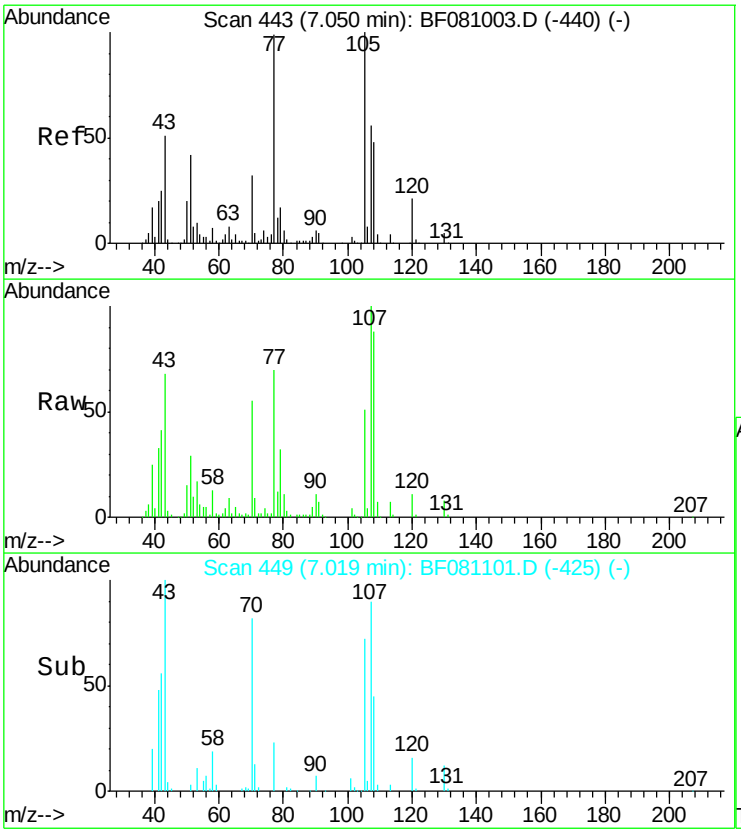
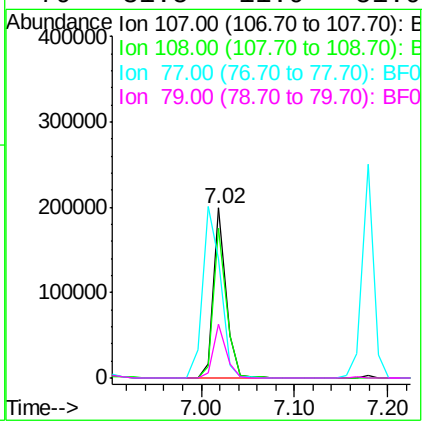
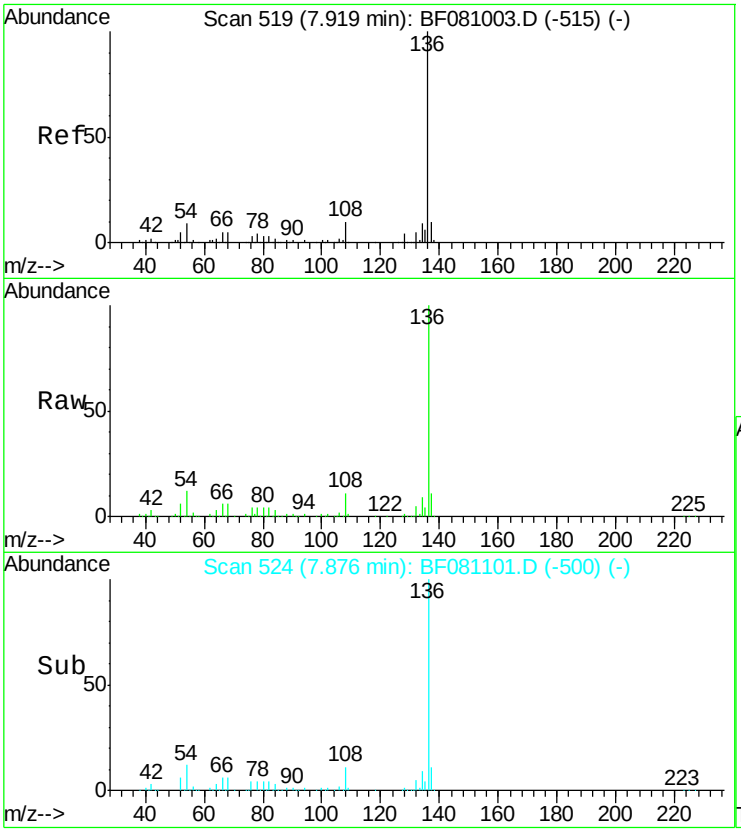



#20
3+4-Methylphenols
Concen: 38.67 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:107 Resp: 188421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.1 | 66.1 | 106.1 |
| 77 | 69.9 | 139.3 | 179.3# |
| 79 | 31.5 | 11.9 | 51.9 |

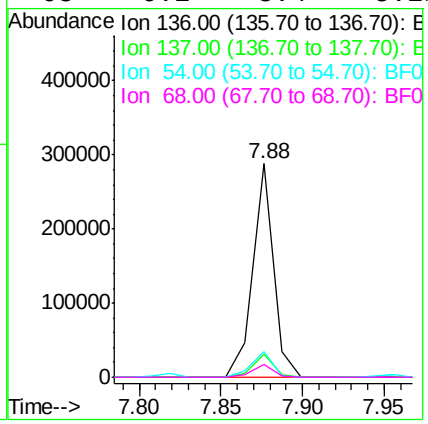





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:136 Resp: 253865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.2 | 12.2 |
| 54 | 12.1 | 7.7 | 11.5# |
| 68 | 6.2 | 3.4 | 5.2# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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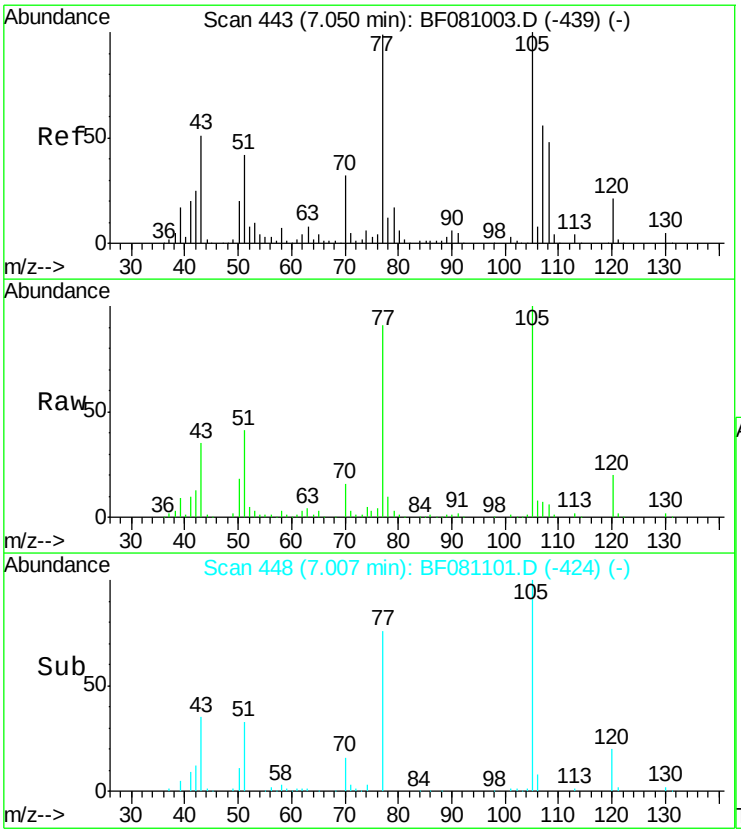
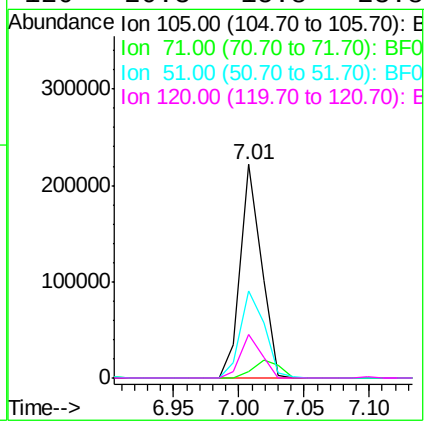
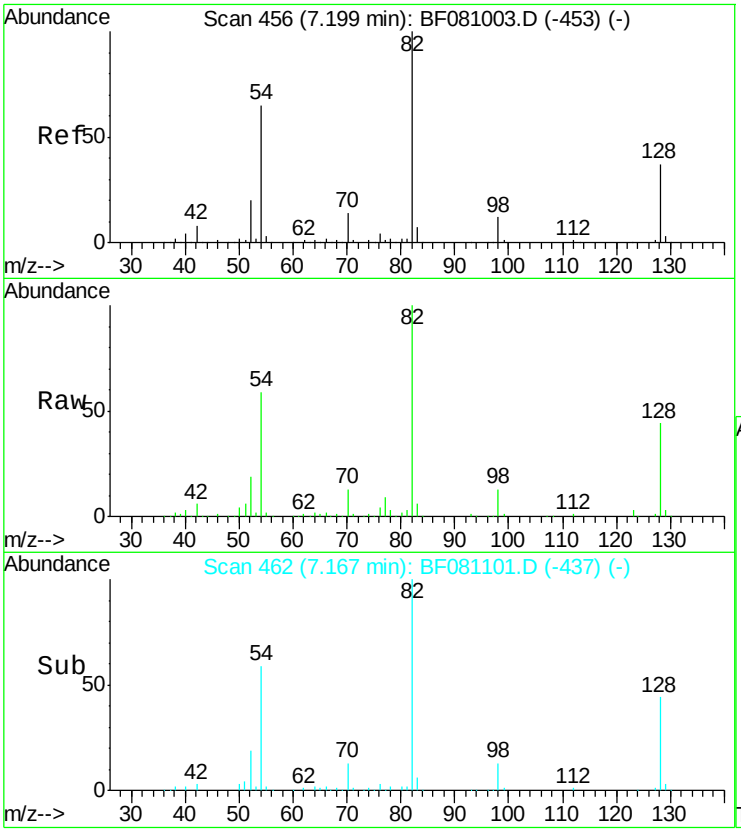



#22
Acetophenone
Concen: 37.27 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:105 Resp: 248389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.8 | 3.0 | 4.6# |
| 51 | 41.0 | 39.8 | 59.8 |
| 120 | 20.3 | 15.8 | 23.8 |

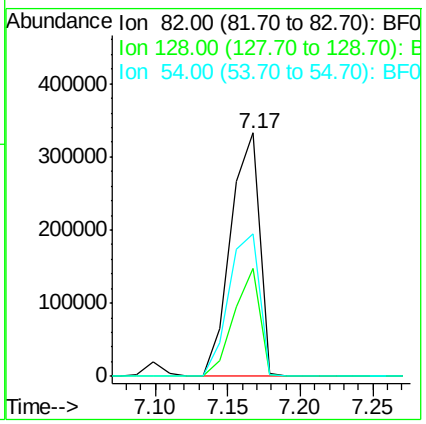





#23
Nitrobenzene-d5
Concen: 82.77 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 82 Resp: 459992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.5 | 28.6 | 42.8# |
| 54 | 58.6 | 55.1 | 82.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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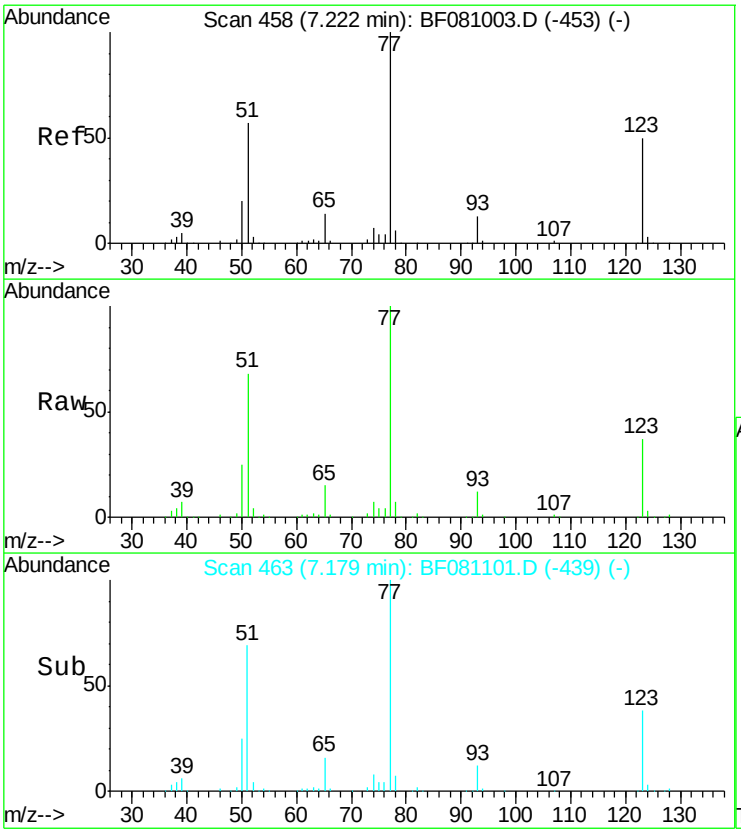
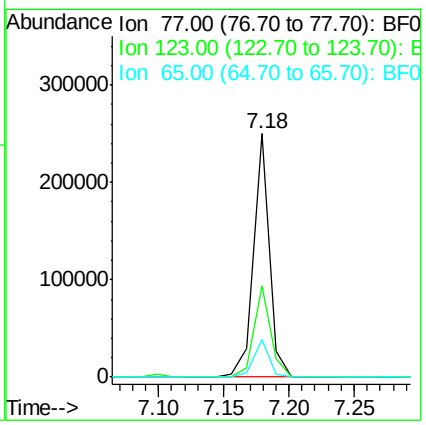
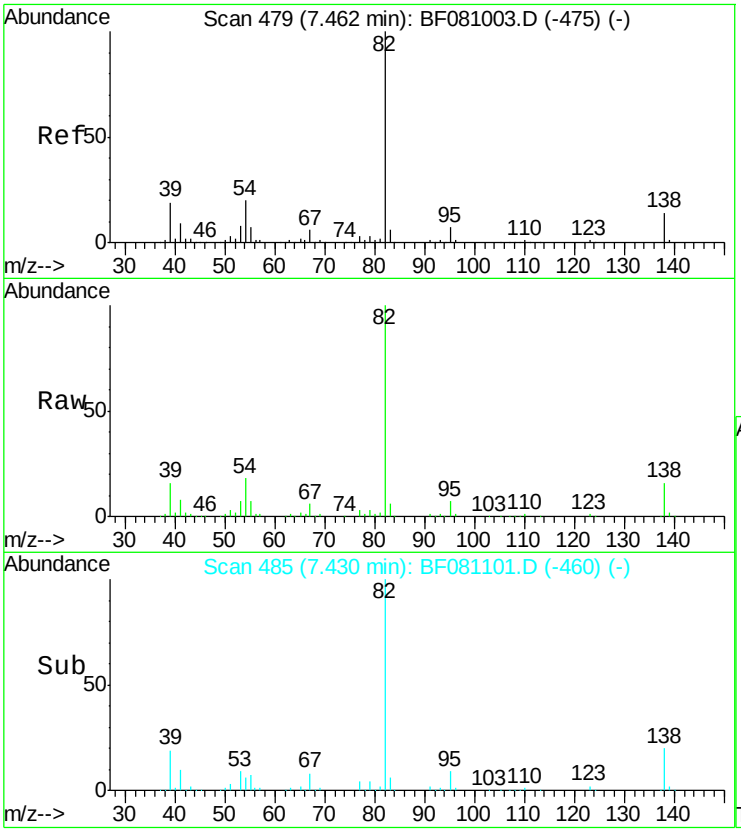



#24
Nitrobenzene
Concen: 36.68 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 77 Resp: 213147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.3 | 32.9 | 49.3 |
| 65 | 15.3 | 12.5 | 18.7 |

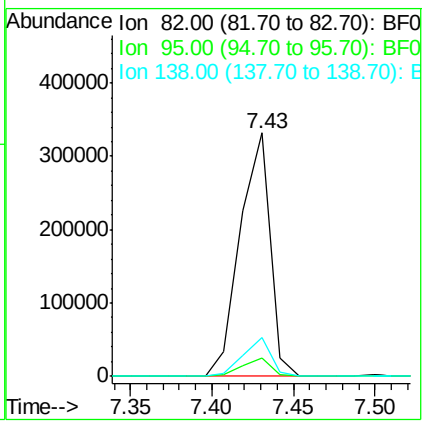





#25
Isophorone
Concen: 41.00 ng
RT: 7.43 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 82 Resp: 424954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 6.2 | 9.2 |
| 138 | 16.1 | 10.5 | 15.7# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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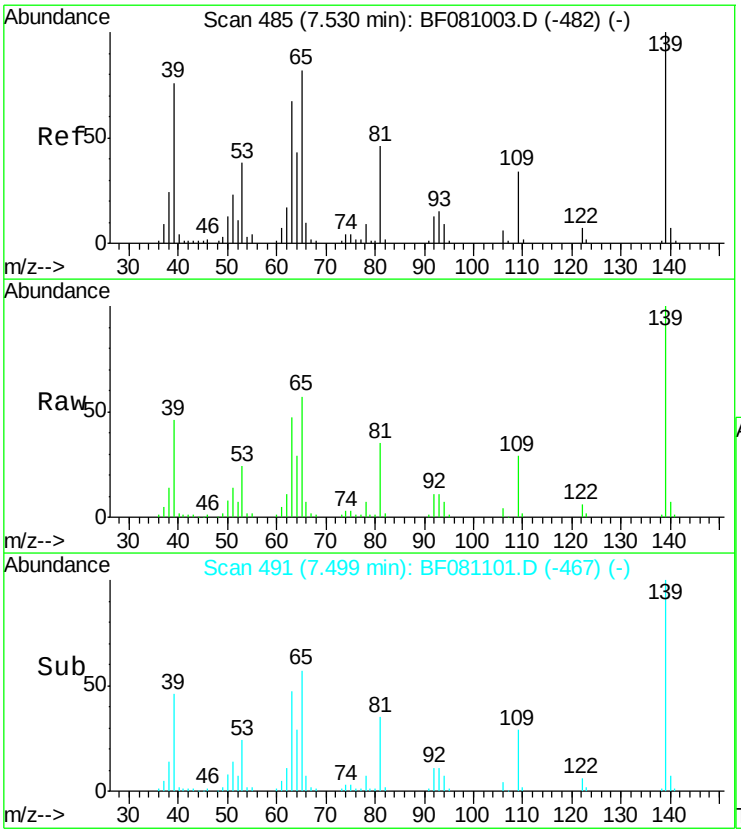
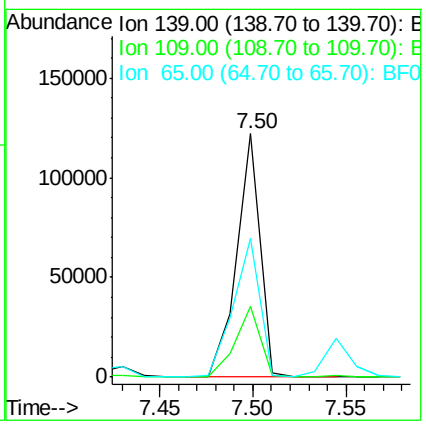
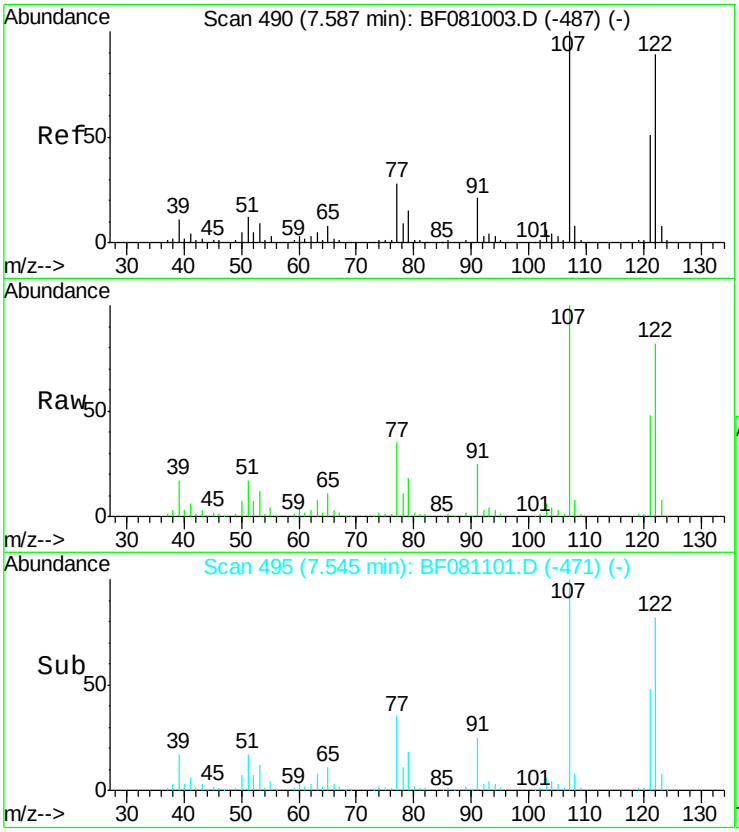



#26
2-Nitrophenol
Concen: 44.64 ng
RT: 7.50 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:139 Resp: 107877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 32.1 | 48.1# |
| 65 | 56.8 | 69.9 | 104.9# |

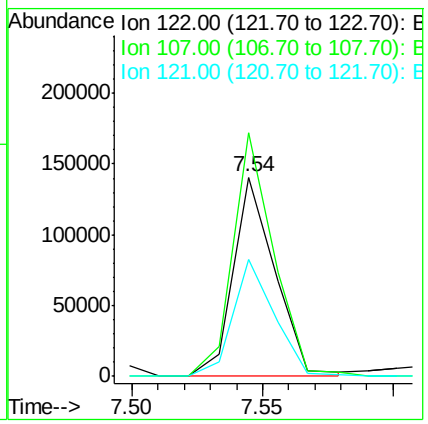





#27
2,4-Dimethylphenol
Concen: 37.02 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:122 Resp: 158275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 122.1 | 103.8 | 155.6 |
| 121 | 58.6 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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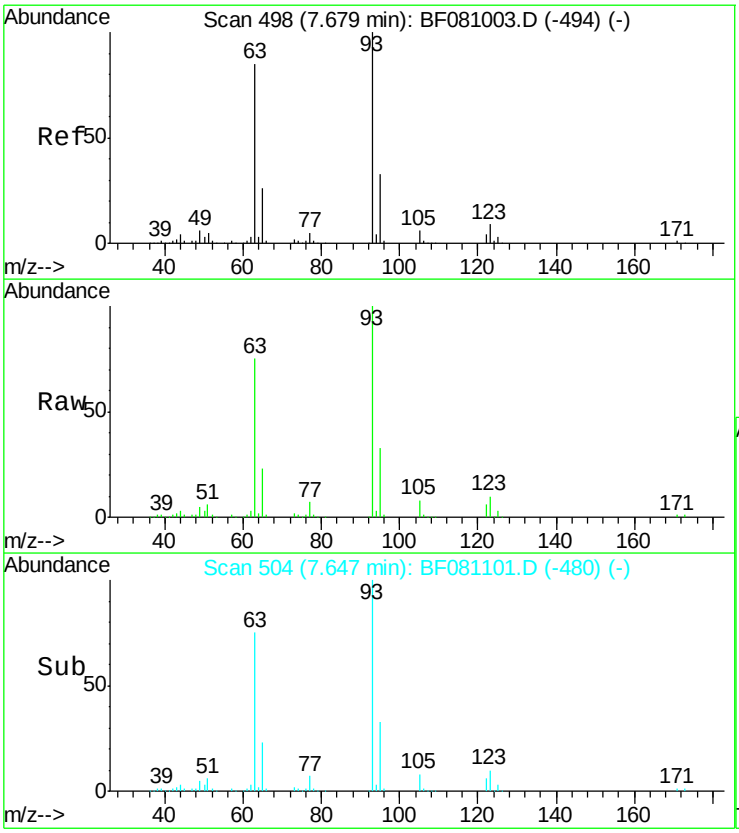
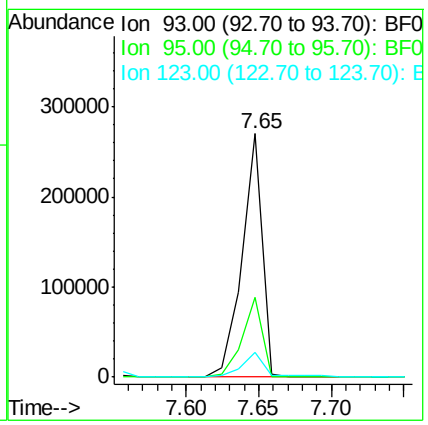
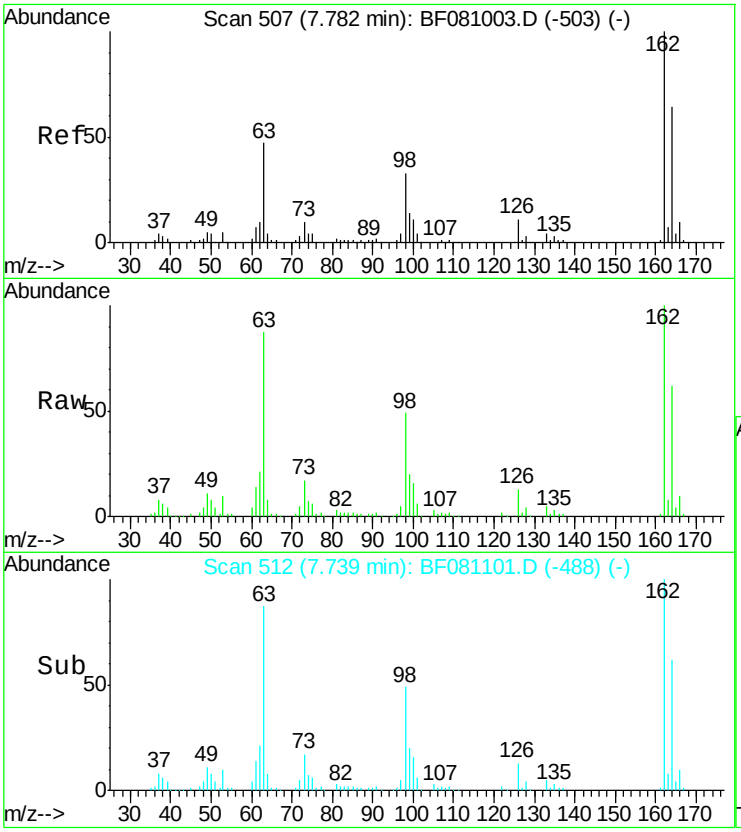



#28
bis(2-Chloroethoxy)methane
Concen: 42.46 ng
RT: 7.65 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 93 Resp: 259945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 25.8 | 38.8 |
| 123 | 10.3 | 7.4 | 11.0 |

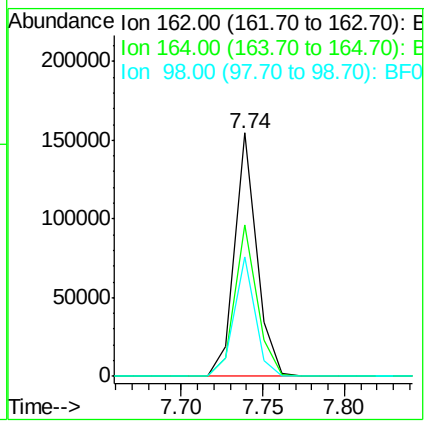





#29
2,4-Dichlorophenol
Concen: 40.01 ng
RT: 7.74 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:162 Resp: 143986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.3 | 43.2 | 83.2 |
| 98 | 49.3 | 12.3 | 52.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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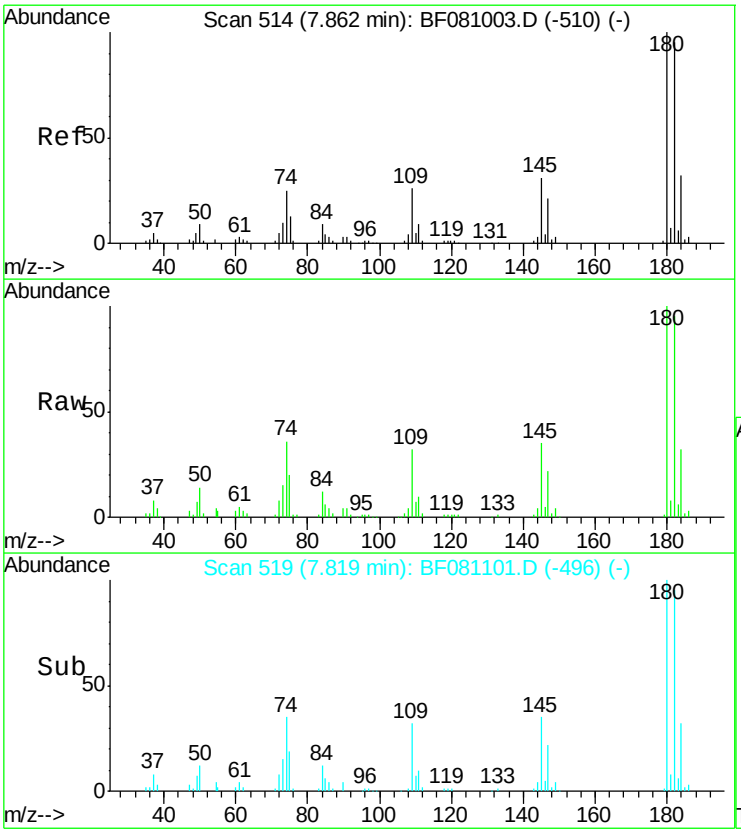
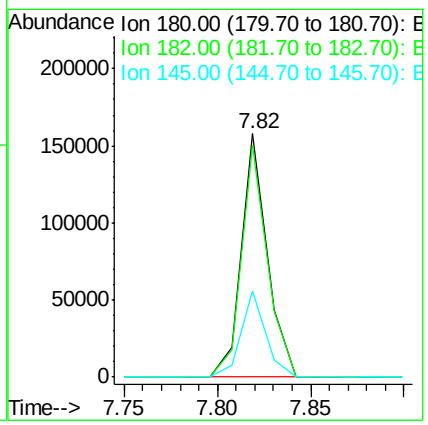
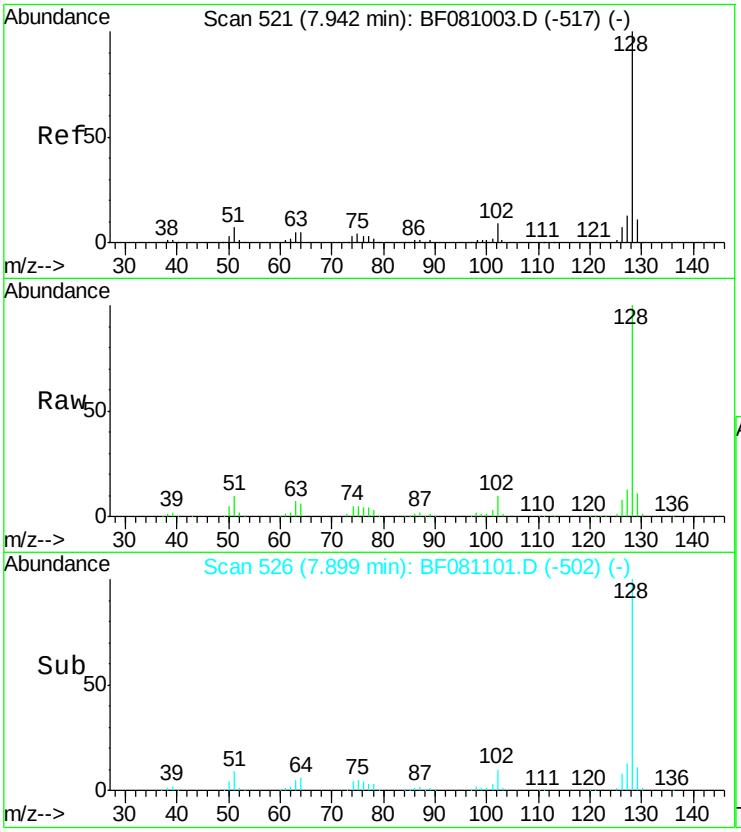



#30
1,2,4-Trichlorobenzene
Concen: 37.94 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:180 Resp: 151757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 76.4 | 114.6 |
| 145 | 35.4 | 25.4 | 38.2 |

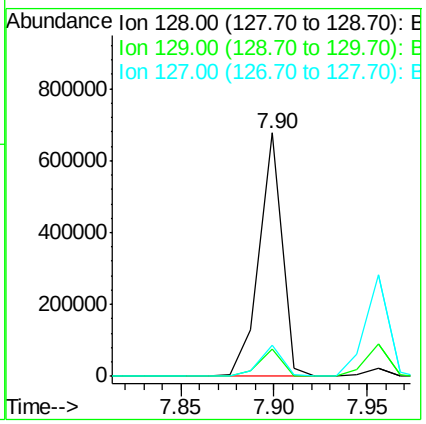





#31
Naphthalene
Concen: 40.49 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:128 Resp: 572945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.4 | 12.6 |
| 127 | 13.0 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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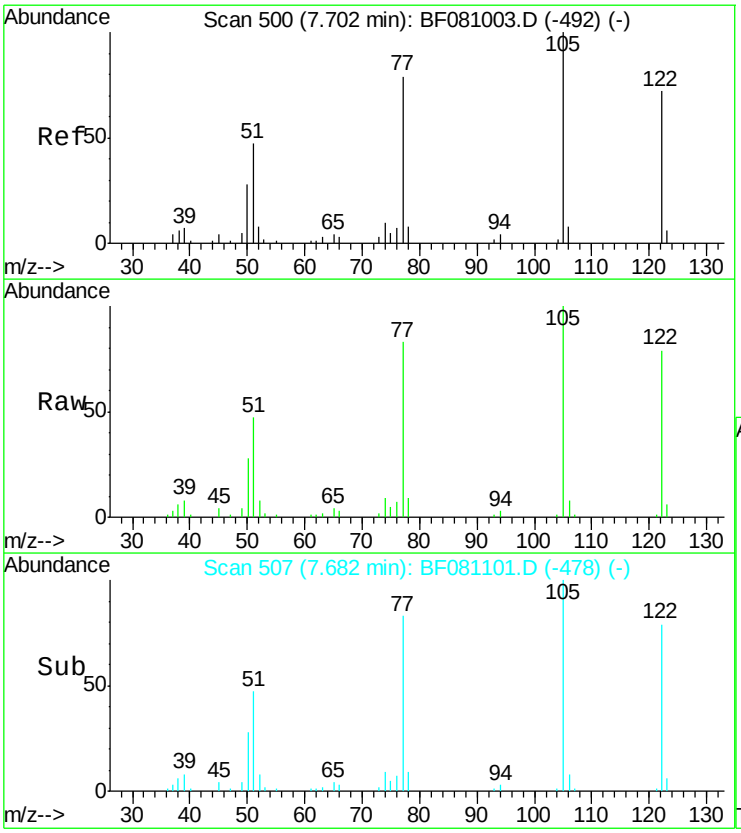
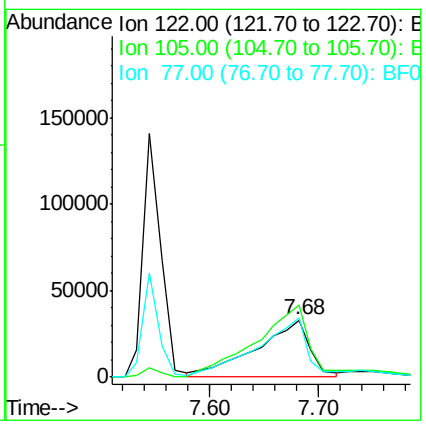
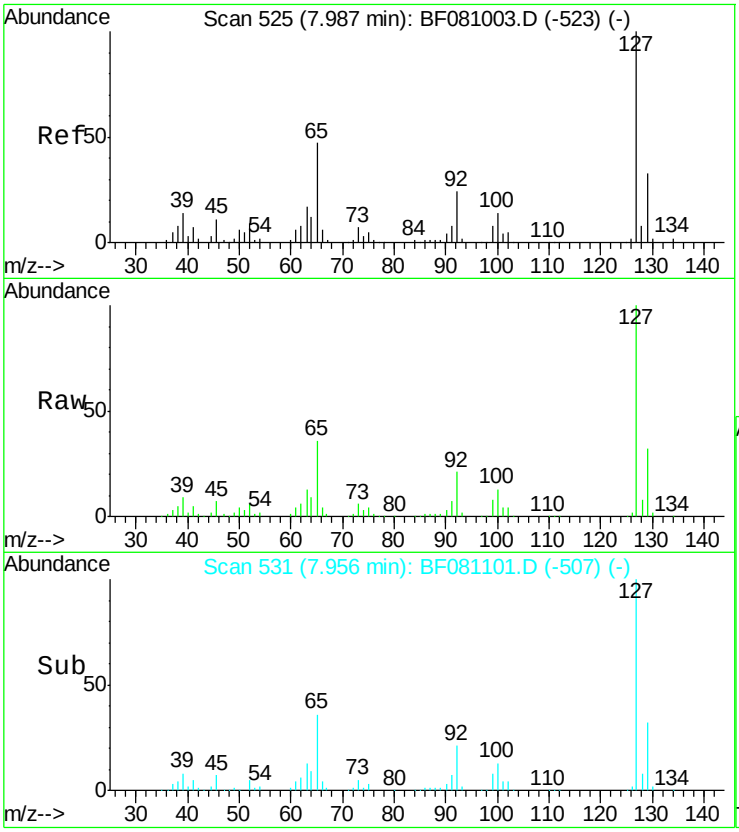



#32
Benzoic acid
Concen: 46.69 ng
RT: 7.68 min Scan# 507
Delta R.T. 0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:122 Resp: 112279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.0 | 113.8 | 153.8 |
| 77 | 104.5 | 93.8 | 133.8 |

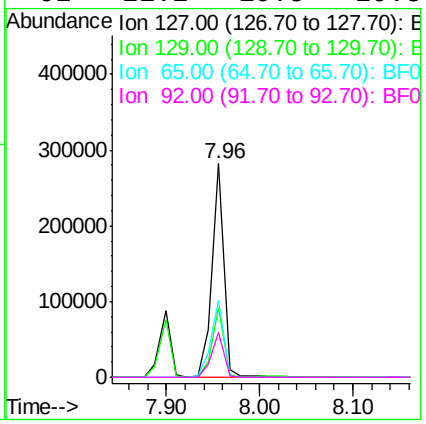





#33
4-Chloroaniline
Concen: 41.79 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:127 Resp: 249529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.2 | 37.8 |
| 65 | 36.2 | 37.8 | 56.6# |
| 92 | 21.2 | 19.5 | 29.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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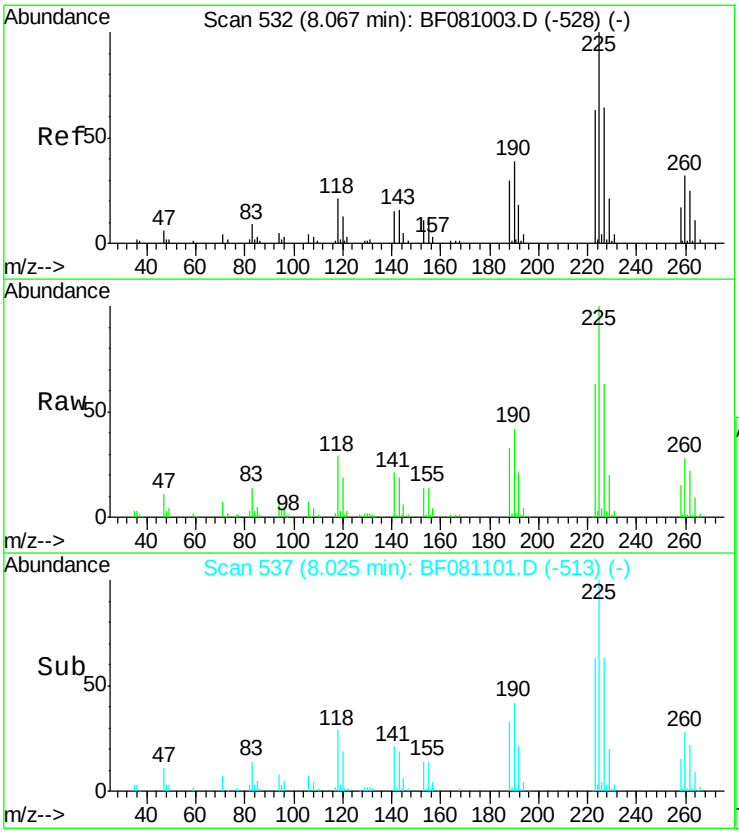
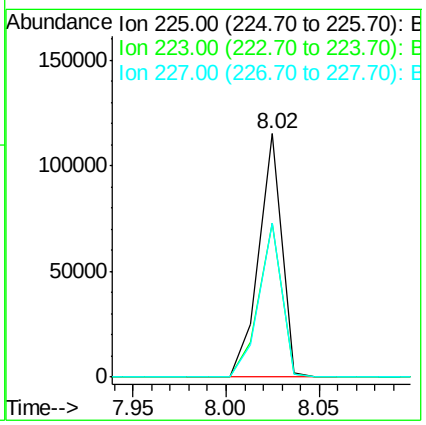
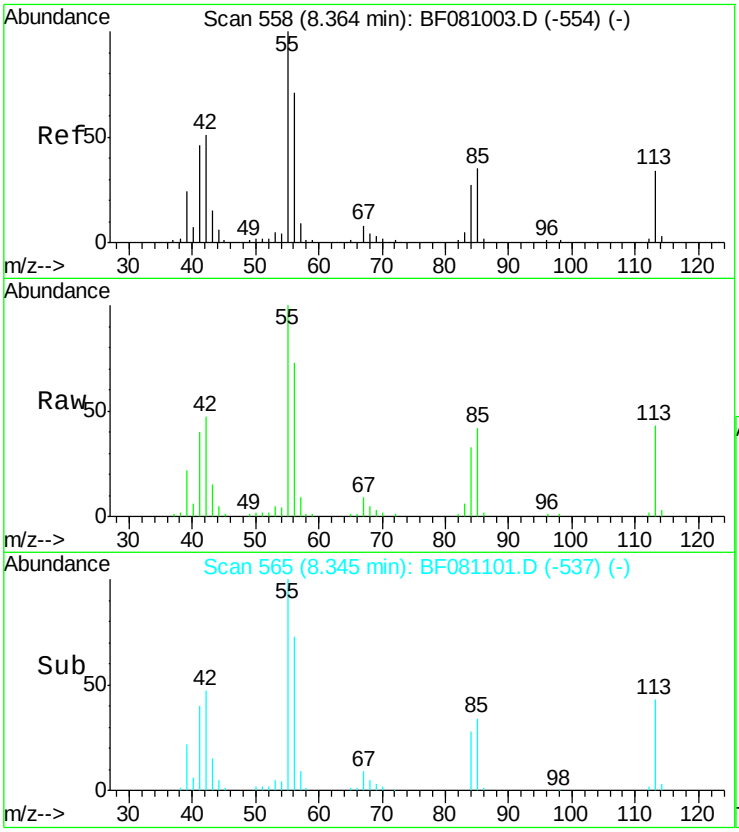



#34
Hexachlorobutadiene
Concen: 43.34 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:225 Resp: 98040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 52.6 | 79.0 |
| 227 | 63.4 | 51.1 | 76.7 |

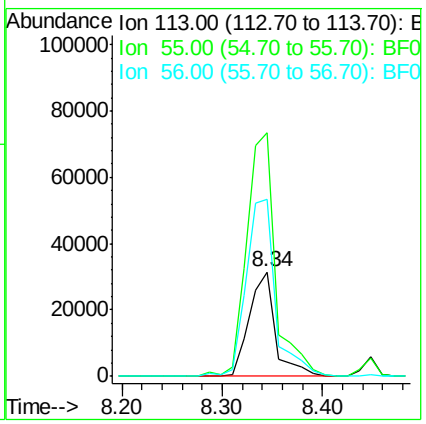





#35
Caprolactam
Concen: 45.00 ng
RT: 8.34 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:113 Resp: 56605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 232.6 | 280.4 | 320.4# |
| 56 | 168.9 | 205.9 | 245.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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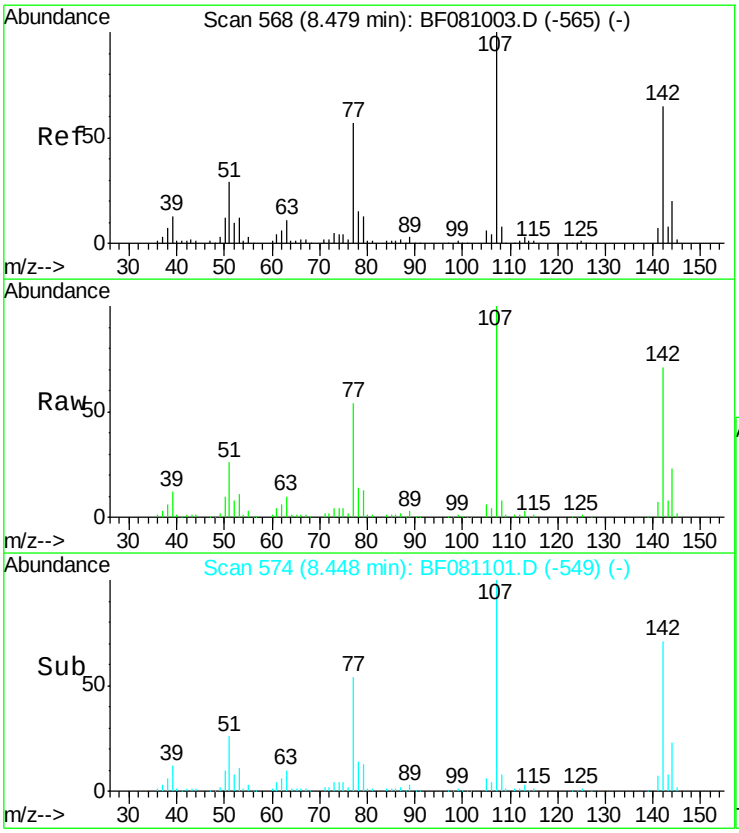
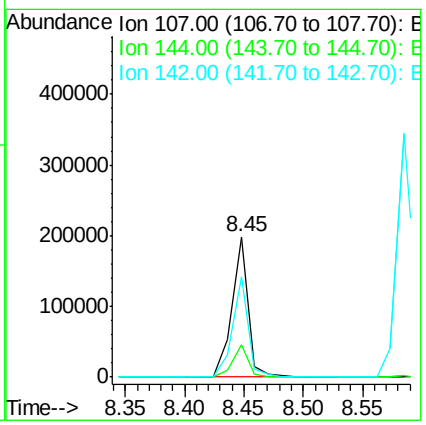
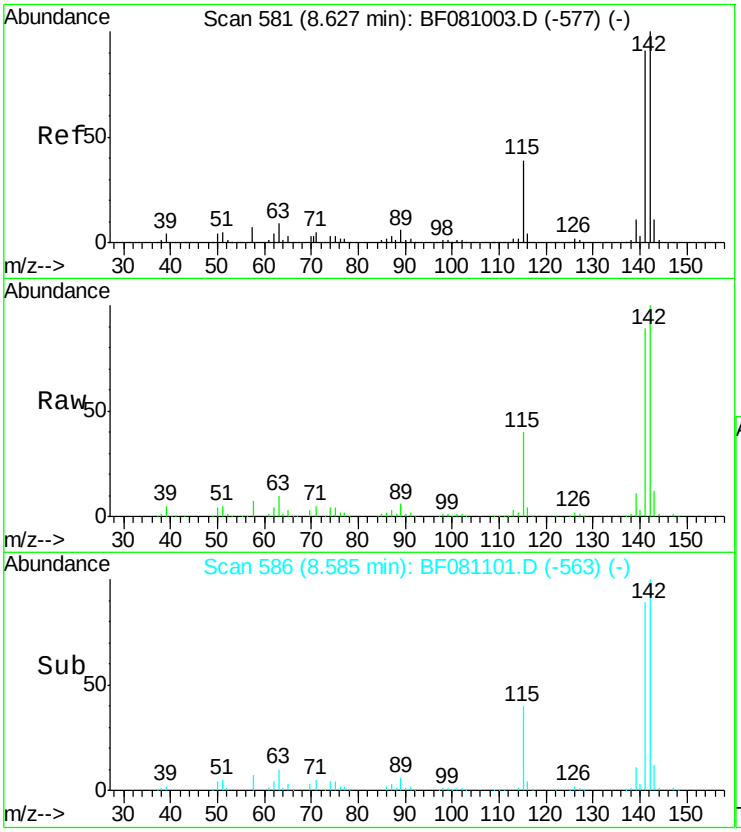



#36
4-Chloro-3-methylphenol
Concen: 44.15 ng
RT: 8.45 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:107 Resp: 189387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.2 | 17.2 | 25.8 |
| 142 | 71.2 | 54.9 | 82.3 |

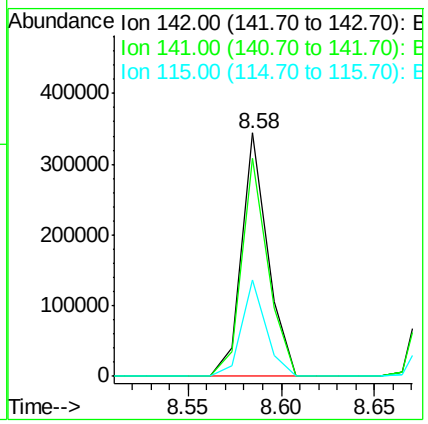





#37
2-Methylnaphthalene
Concen: 37.86 ng
RT: 8.58 min Scan# 586
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:142 Resp: 338433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 71.4 | 107.2 |
| 115 | 39.5 | 33.4 | 50.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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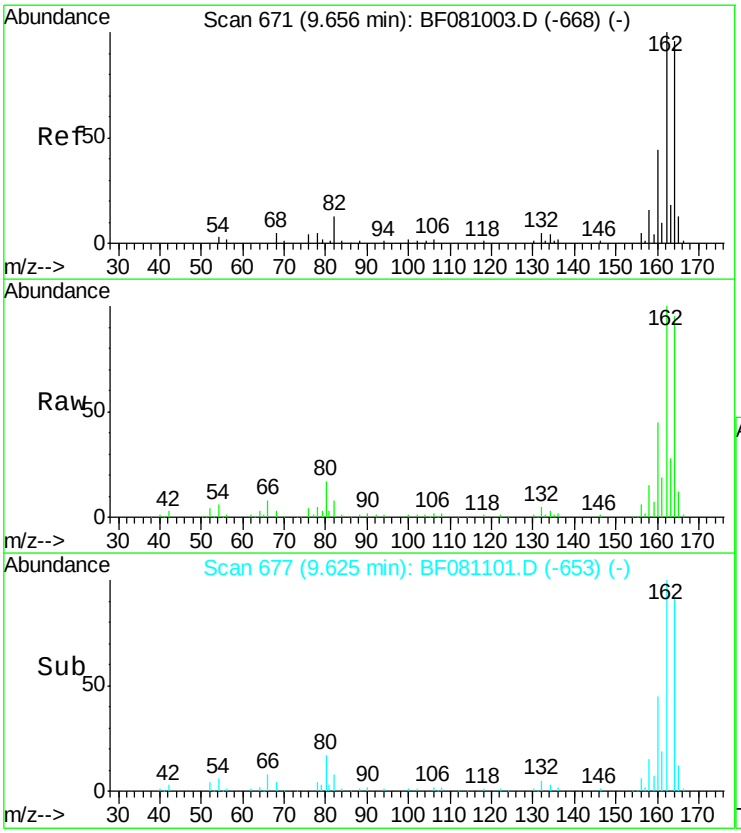
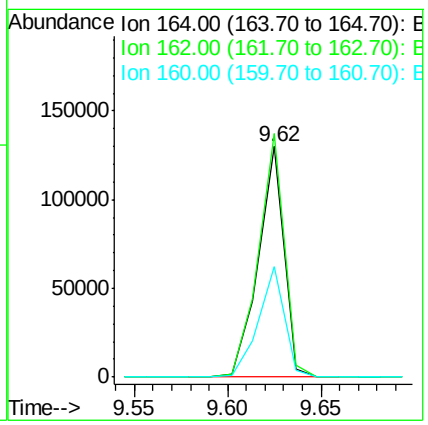
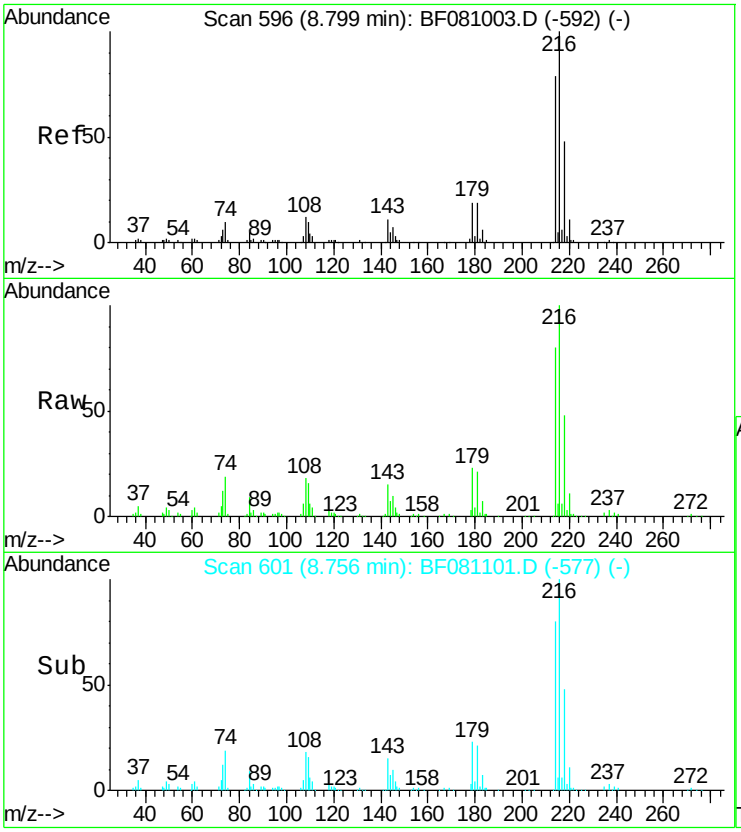



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:164 Resp: 122855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.6 | 83.8 | 125.8 |
| 160 | 47.7 | 39.8 | 59.8 |

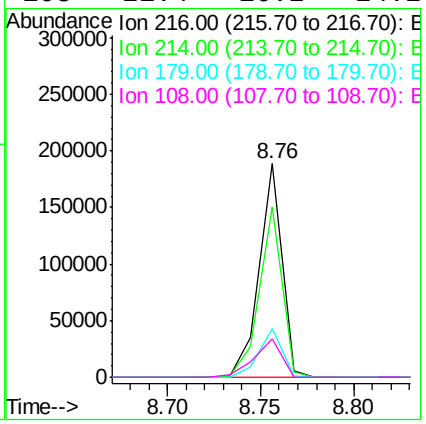





#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.12 ng
RT: 8.76 min Scan# 601
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:216 Resp: 159021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 63.8 | 95.8 |
| 179 | 23.4 | 17.8 | 26.8 |
| 108 | 21.4 | 16.2 | 24.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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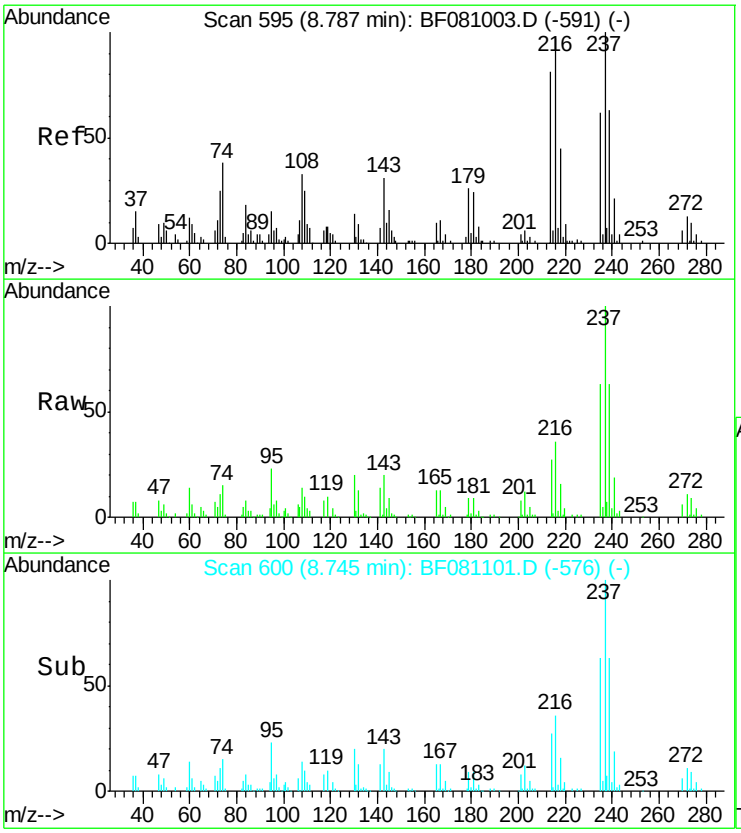
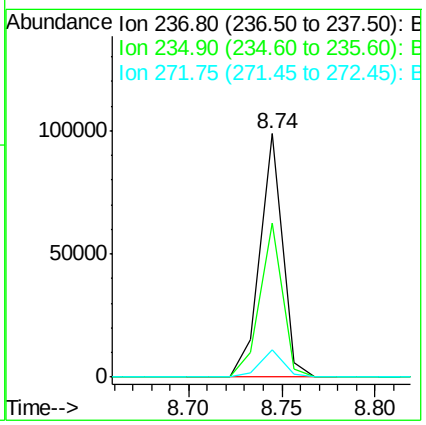
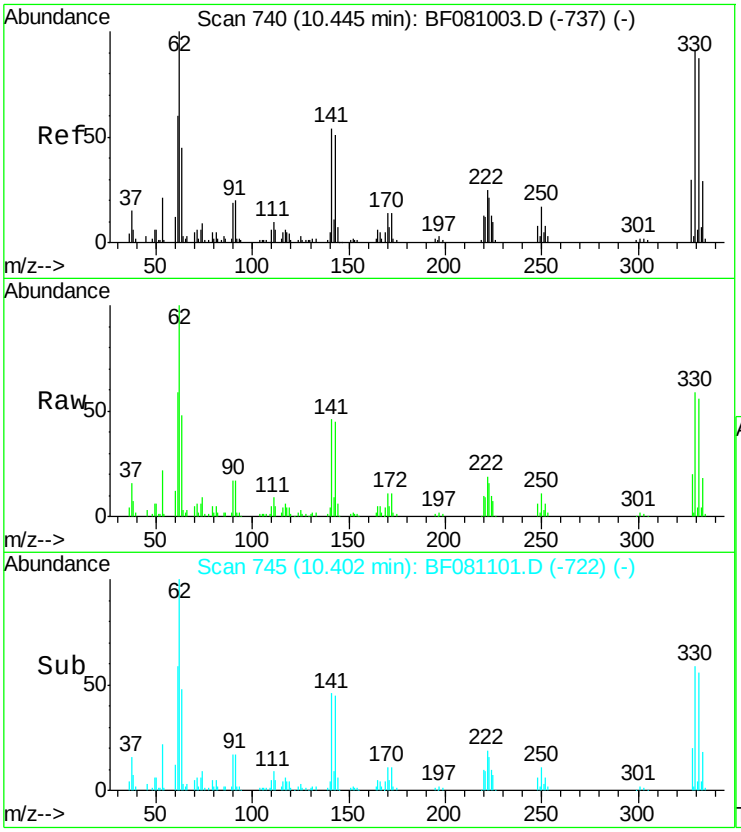



#40
Hexachlorocyclopentadiene
Concen: 40.25 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:237 Resp: 82570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.3 | 43.6 | 83.6 |
| 272 | 11.0 | 0.0 | 32.2 |

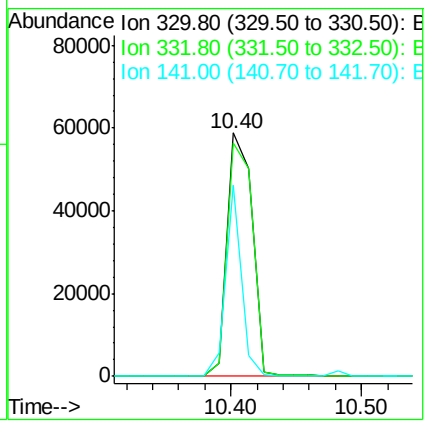





#41
2,4,6-Tribromophenol
Concen: 73.94 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:330 Resp: 78741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.3 | 115.9 |
| 141 | 49.6 | 44.9 | 67.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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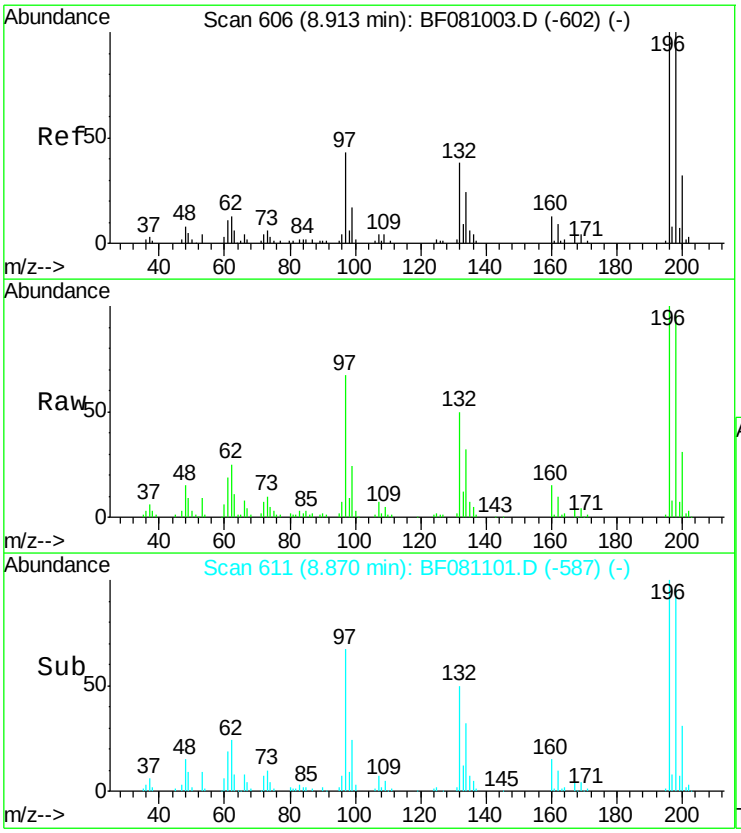
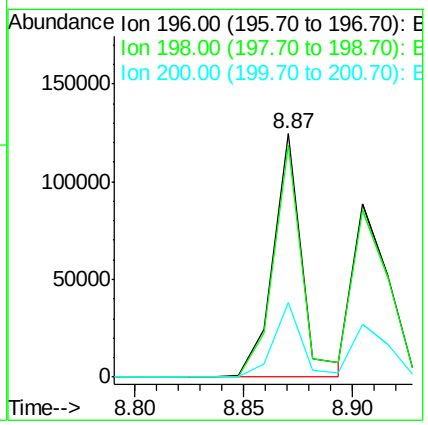
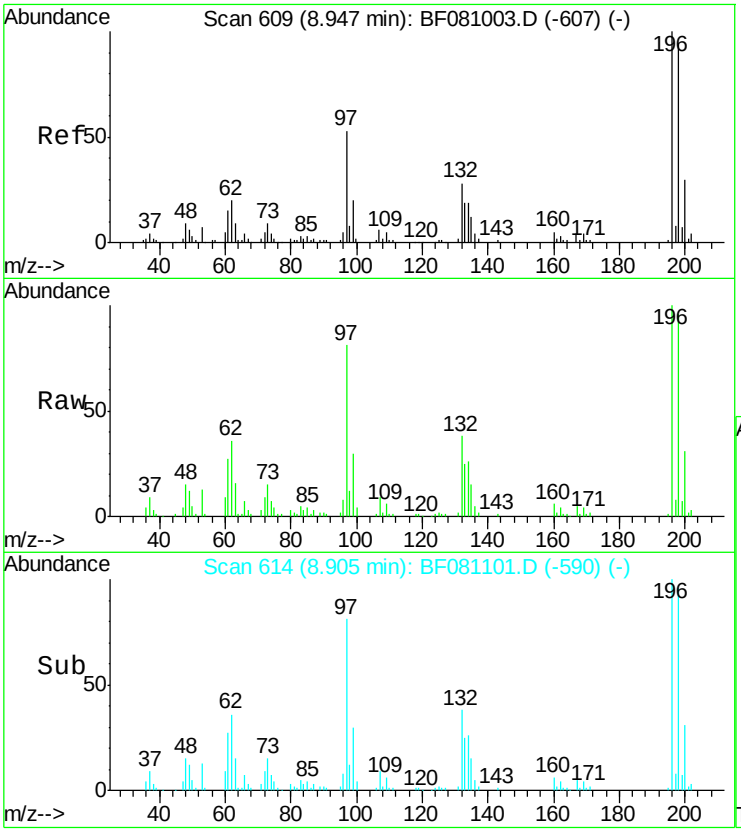



#42
2,4,6-Trichlorophenol
Concen: 40.79 ng
RT: 8.87 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:196 Resp: 114237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 74.6 | 111.8 |
| 200 | 30.5 | 22.7 | 34.1 |

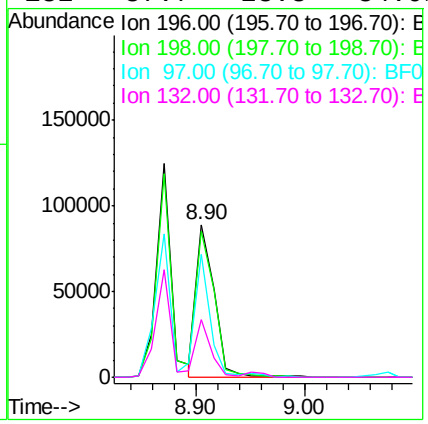





#43
2,4,5-Trichlorophenol
Concen: 37.04 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:196 Resp: 103672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 78.3 | 117.5 |
| 97 | 80.9 | 42.7 | 64.1# |
| 132 | 37.7 | 23.3 | 34.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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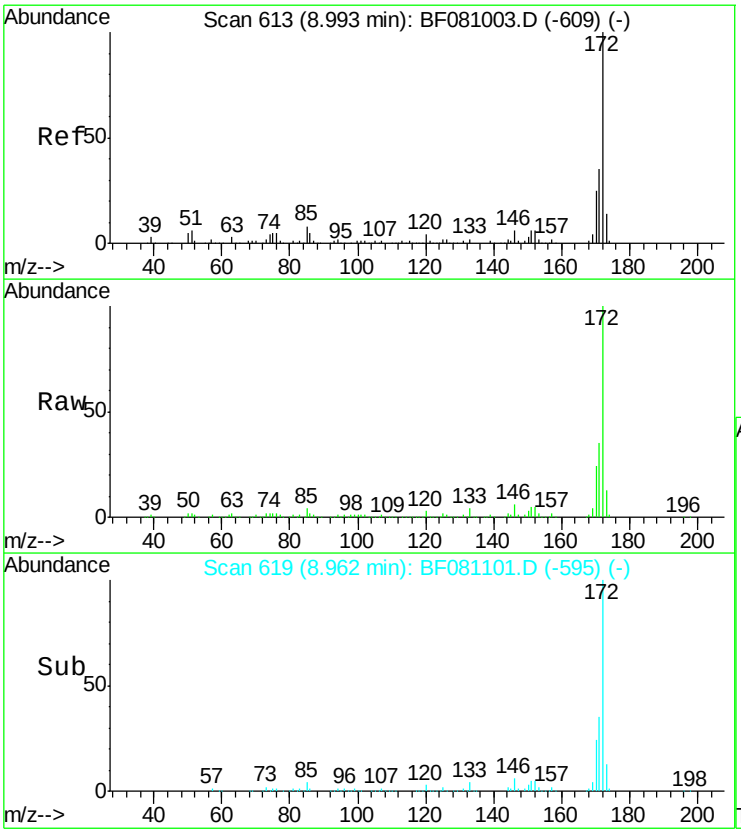
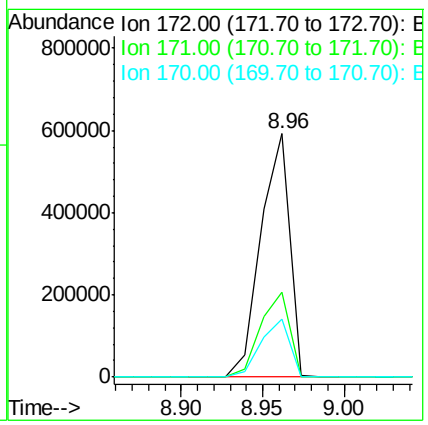
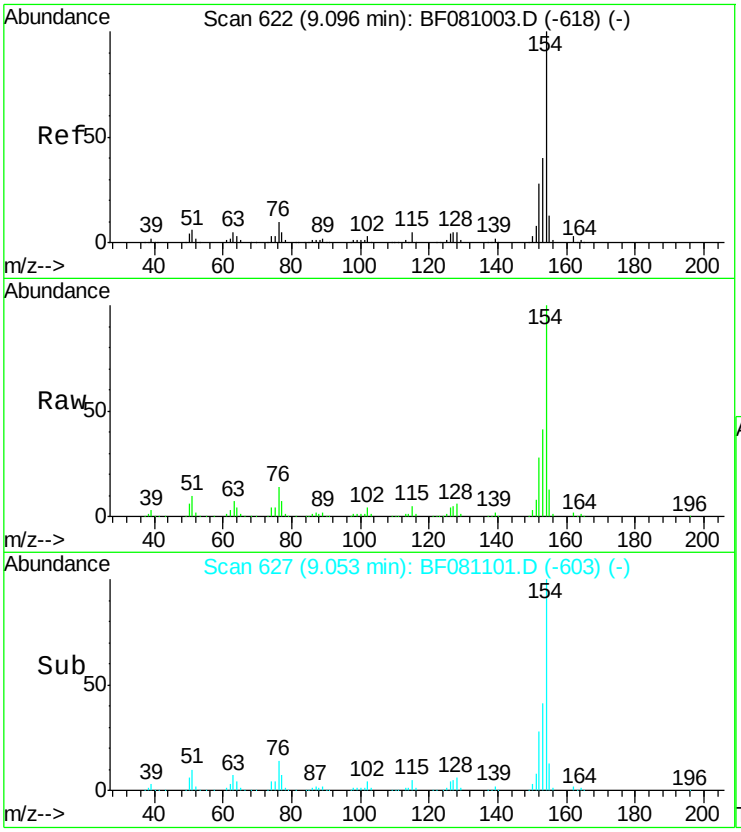



#44
2-Fluorobiphenyl
Concen: 77.53 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:172 Resp: 726958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 28.9 | 43.3 |
| 170 | 24.0 | 19.4 | 29.2 |

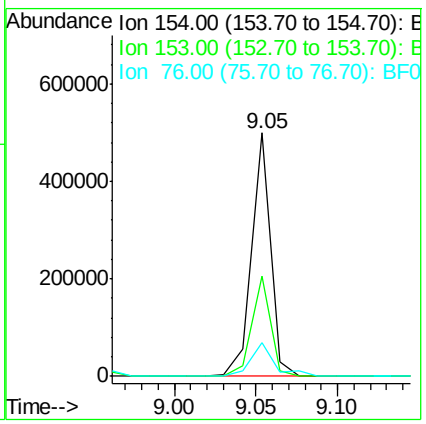





#45
1,1'-Biphenyl
Concen: 37.42 ng
RT: 9.05 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:154 Resp: 404907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 19.5 | 59.5 |
| 76 | 14.0 | 0.0 | 29.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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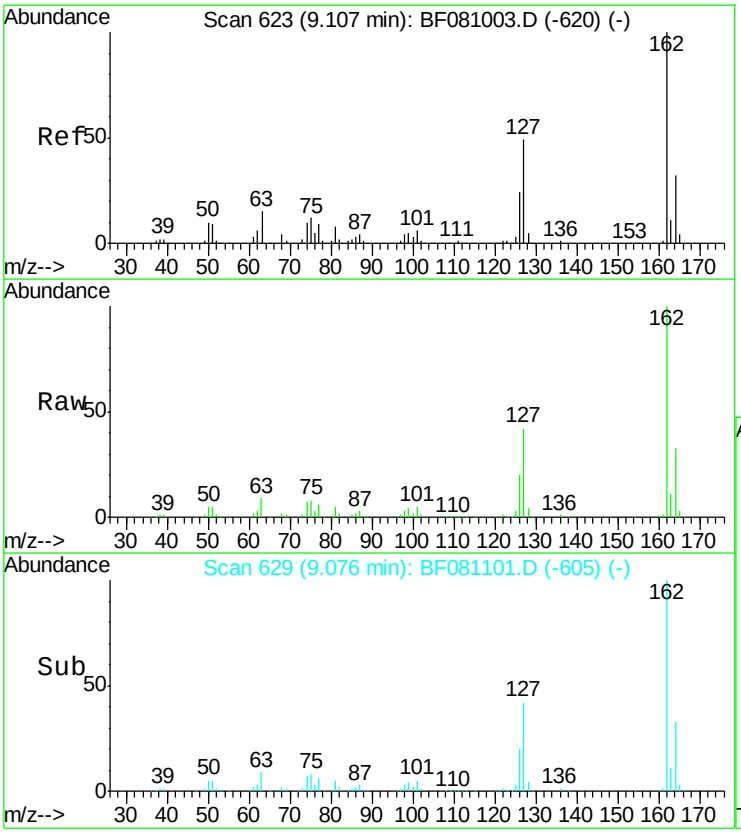
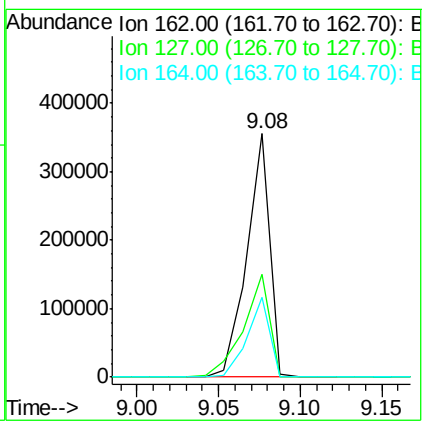
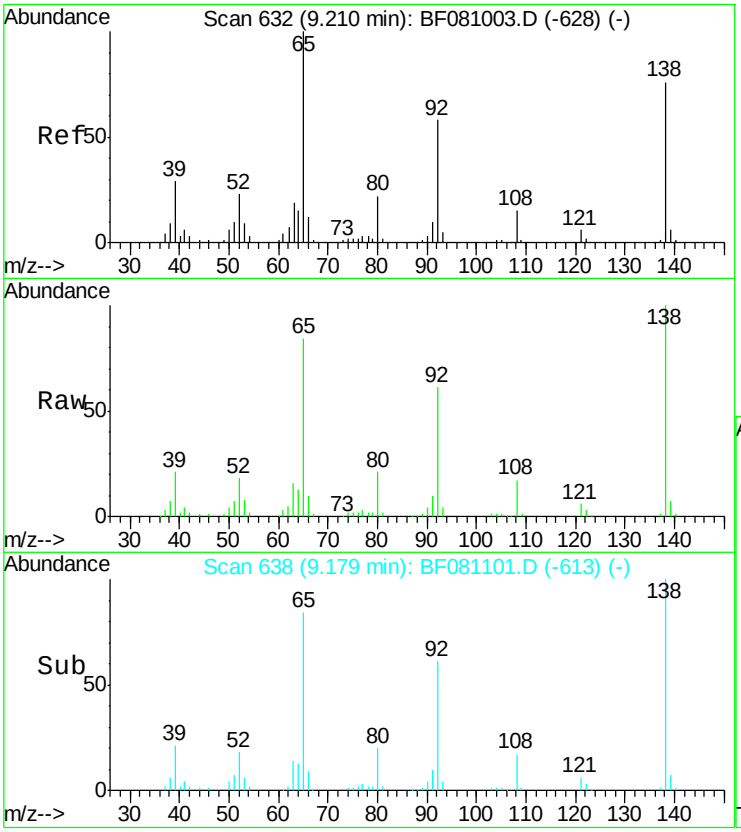



#46
2-Chloronaphthalene
Concen: 39.63 ng
RT: 9.08 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:162 Resp: 344500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.0 | 31.3 | 46.9 |
| 164 | 32.8 | 26.3 | 39.5 |

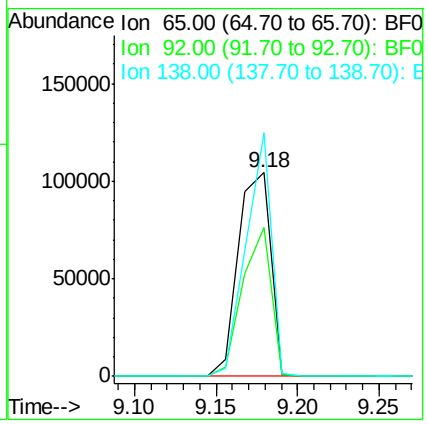





#47
2-Nitroaniline
Concen: 40.37 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 65 Resp: 143612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 73.1 | 45.6 | 68.4# |
| 138 | 119.8 | 57.9 | 86.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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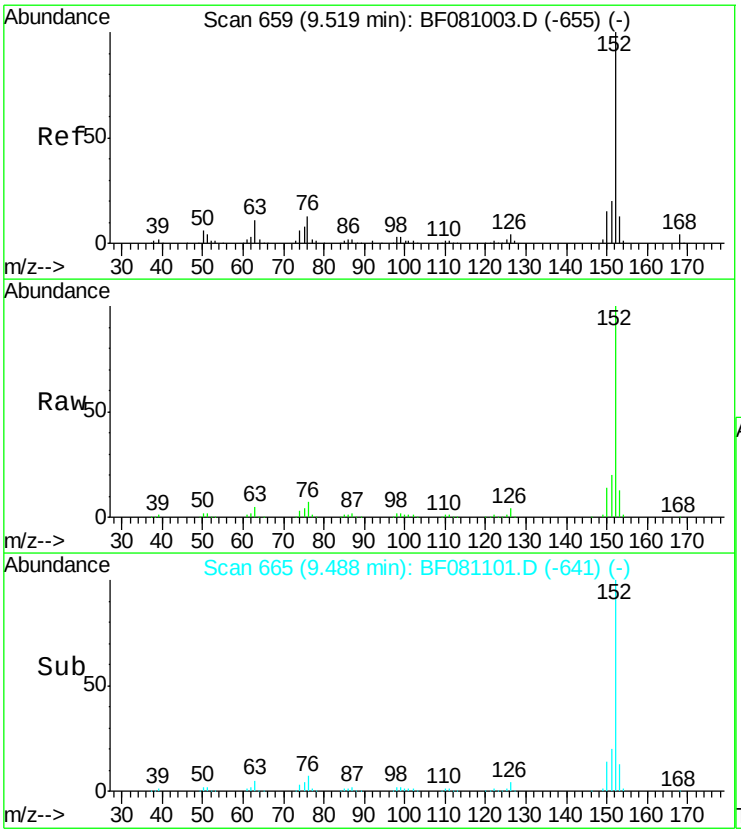
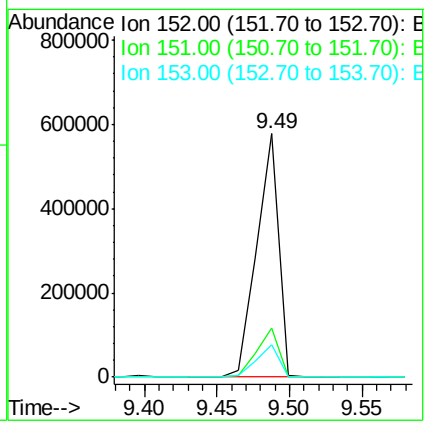
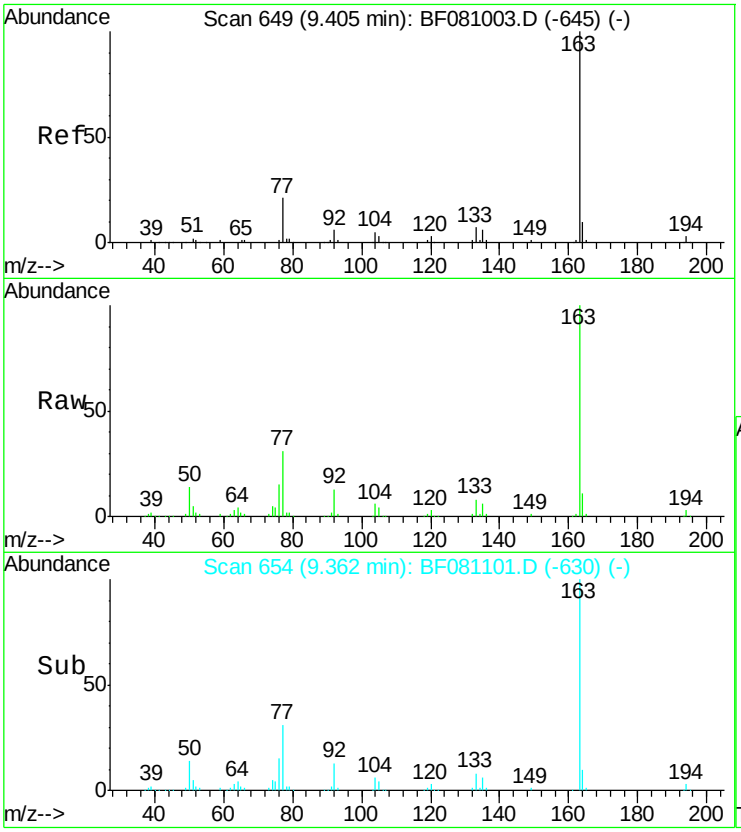



#48
Acenaphthylene
Concen: 38.84 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:152 Resp: 603948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.1 | 24.1 |
| 153 | 13.1 | 9.8 | 14.6 |

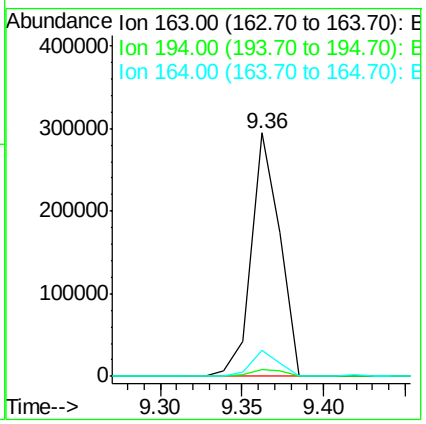





#49
Dimethylphthalate
Concen: 35.20 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:163 Resp: 356179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 2.9 | 2.5 | 3.7 |
| 164 | 10.9 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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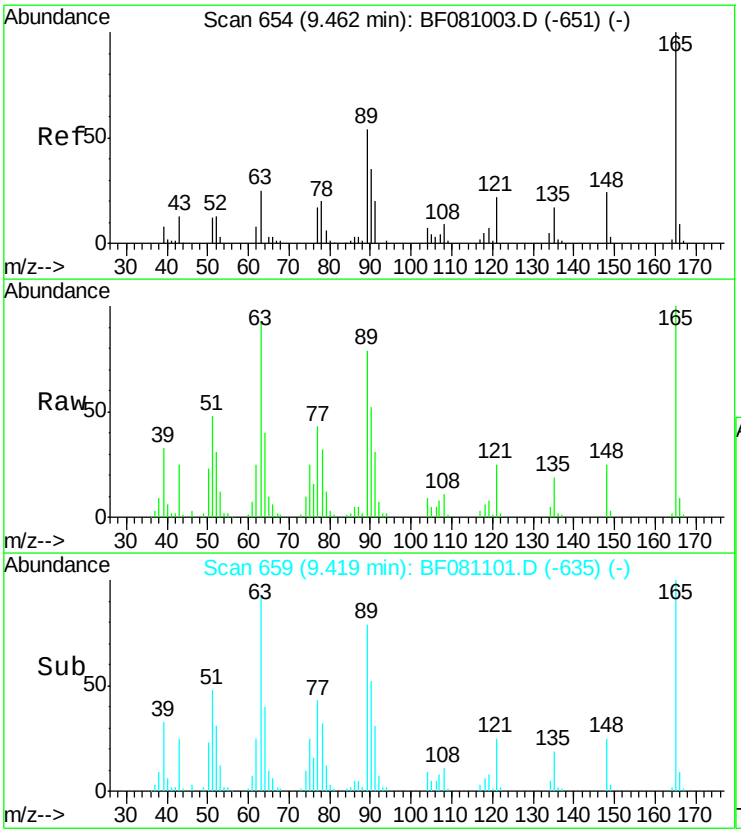
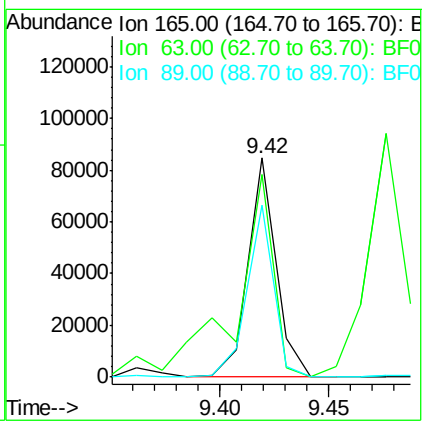
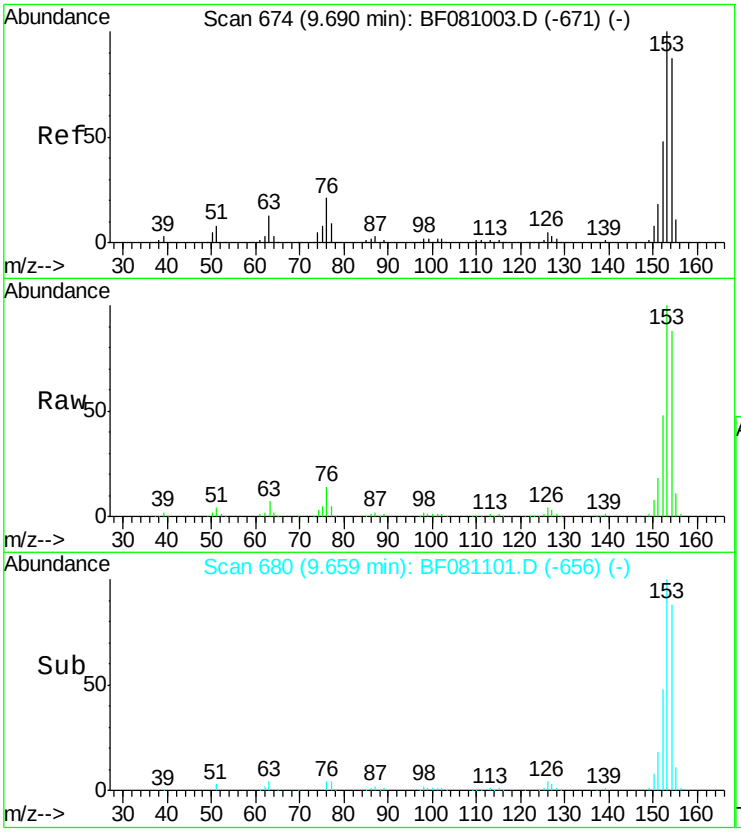



#50
2,6-Dinitrotoluene
Concen: 34.87 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:165 Resp: 75759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 93.0 | 49.5 | 74.3# |
| 89 | 78.8 | 47.6 | 71.4# |

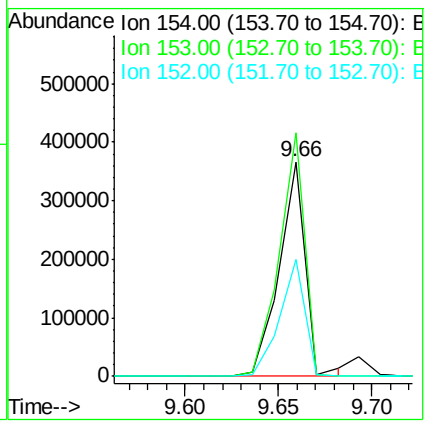





#51
Acenaphthene
Concen: 38.34 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:154 Resp: 356971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.7 | 91.4 | 137.2 |
| 152 | 54.7 | 43.7 | 65.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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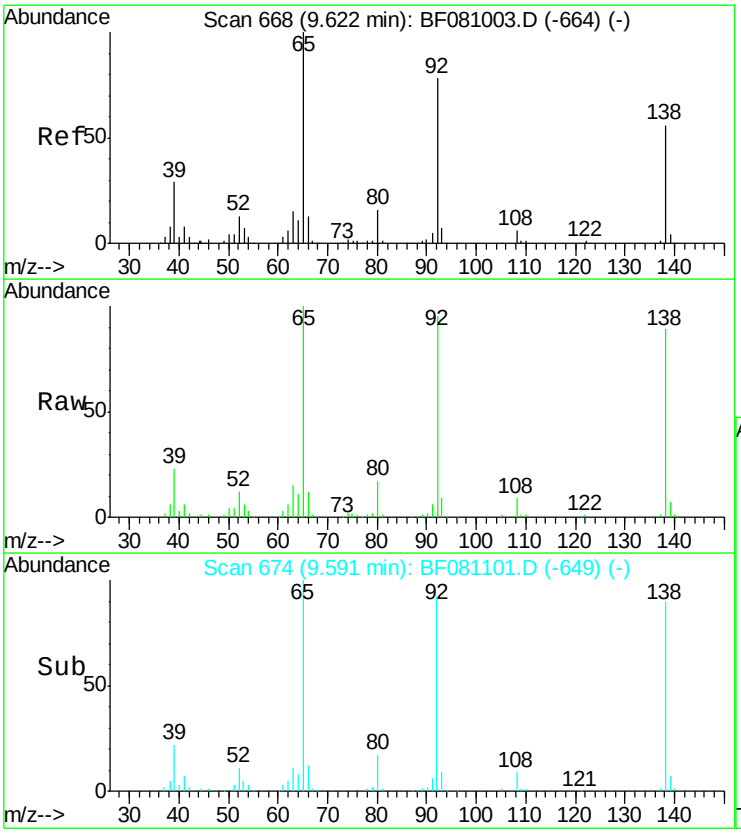
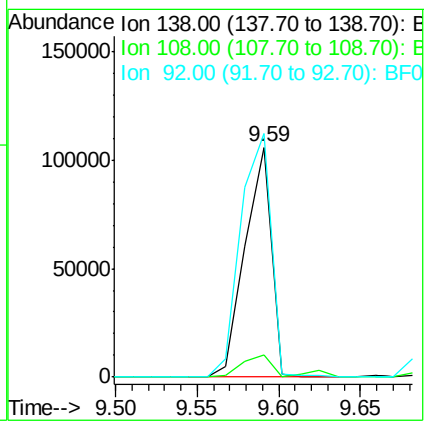
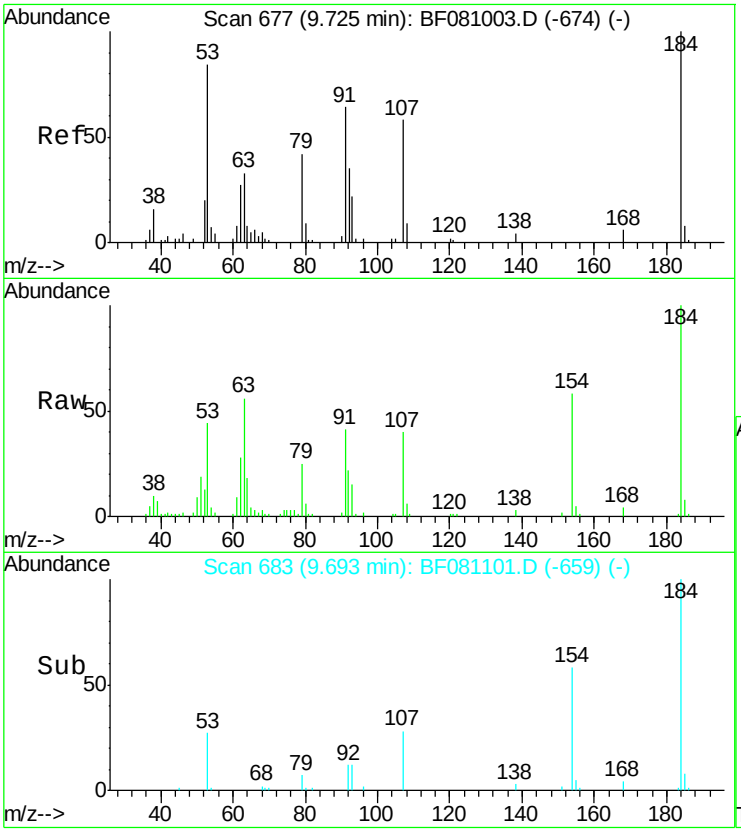



#52
3-Nitroaniline
Concen: 43.68 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:138 Resp: 118732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 9.4 | 14.2 |
| 92 | 105.9 | 113.2 | 169.8# |






#53
2,4-Dinitrophenol
Concen: 49.78 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:184 Resp: 54635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.8 | 101.7 | 152.5# |
| 154 | 58.4 | 67.4 | 101.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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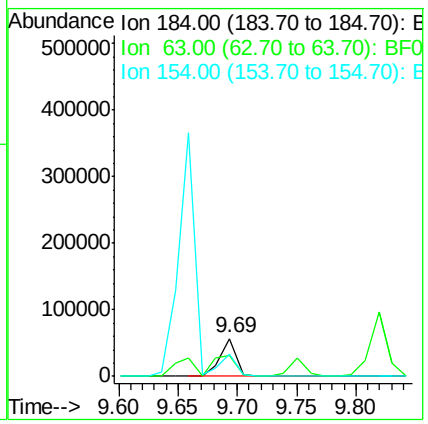
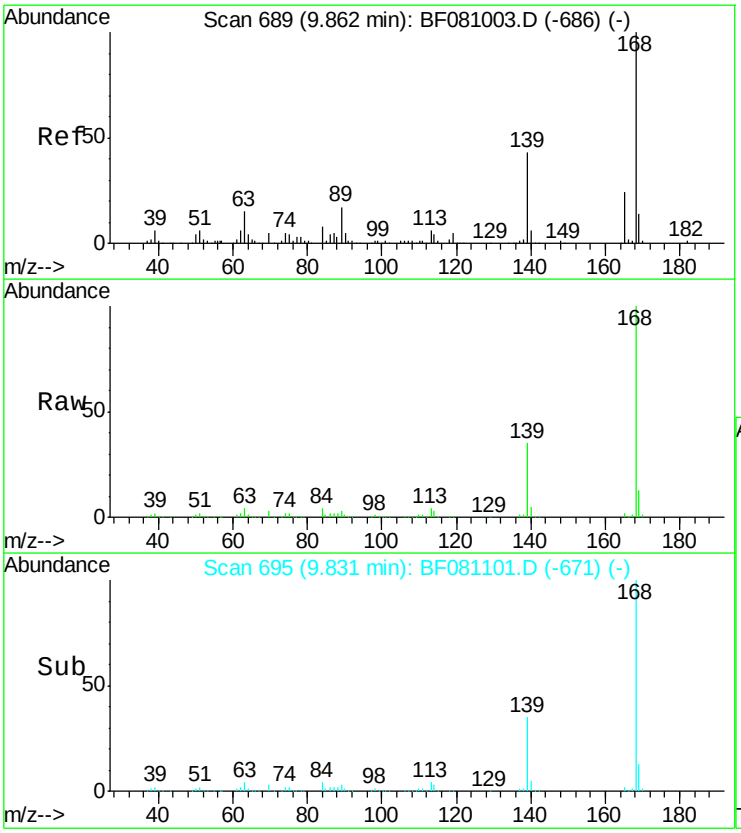
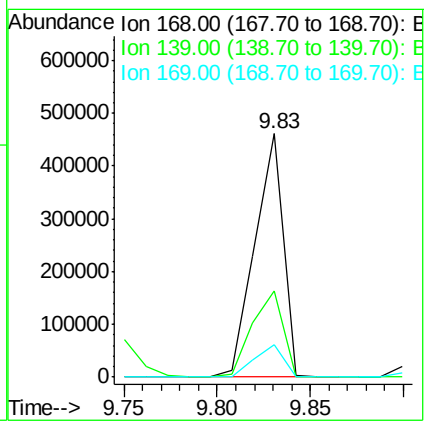


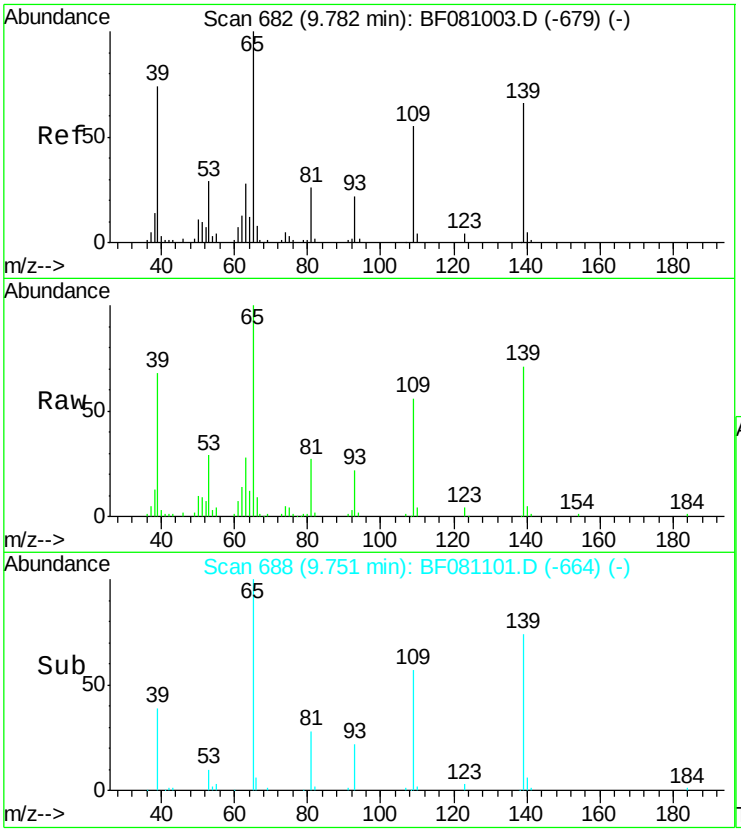




#54
Dibenzofuran
Concen: 38.92 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:168 Resp: 485508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.4 | 29.3 | 43.9 |
| 169 | 13.4 | 10.3 | 15.5 |

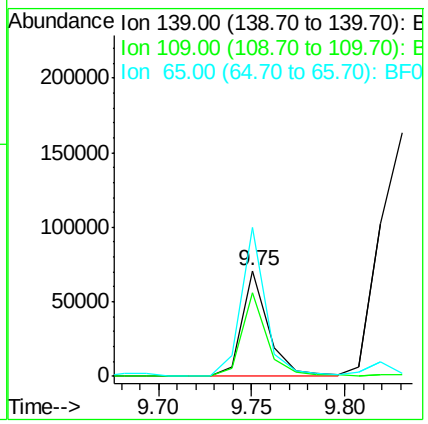





#55
4-Nitrophenol
Concen: 36.95 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:139 Resp: 70554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.9 | 80.0 | 120.0# |
| 65 | 140.8 | 138.3 | 178.3 |




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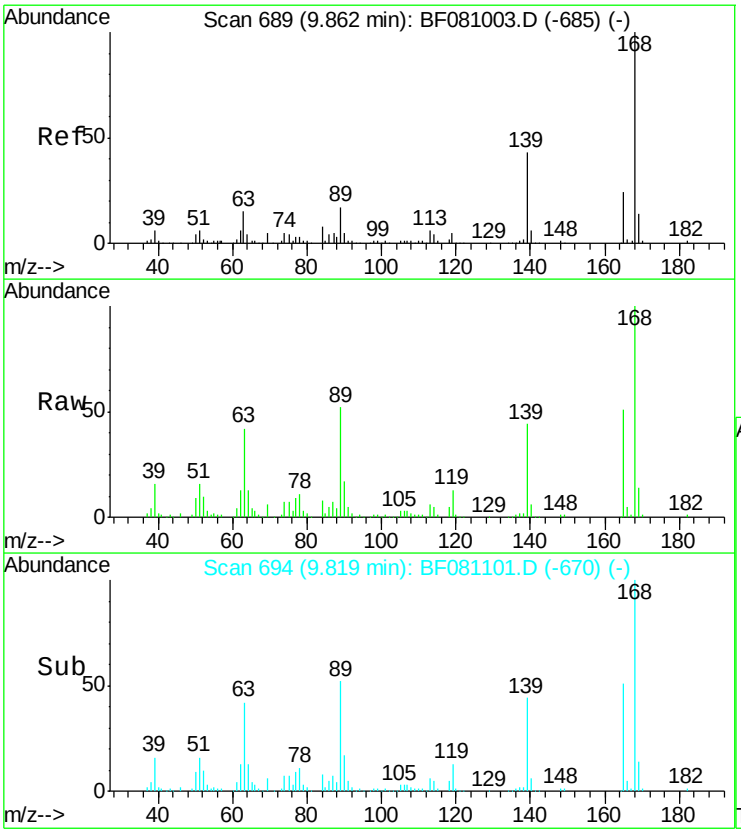
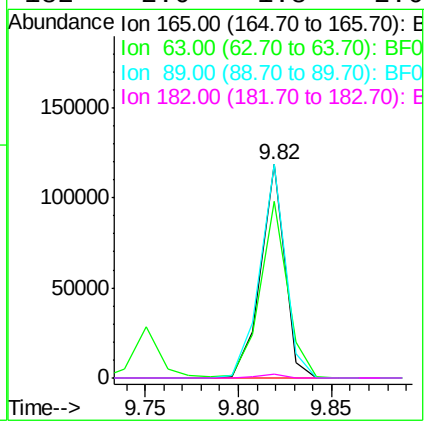
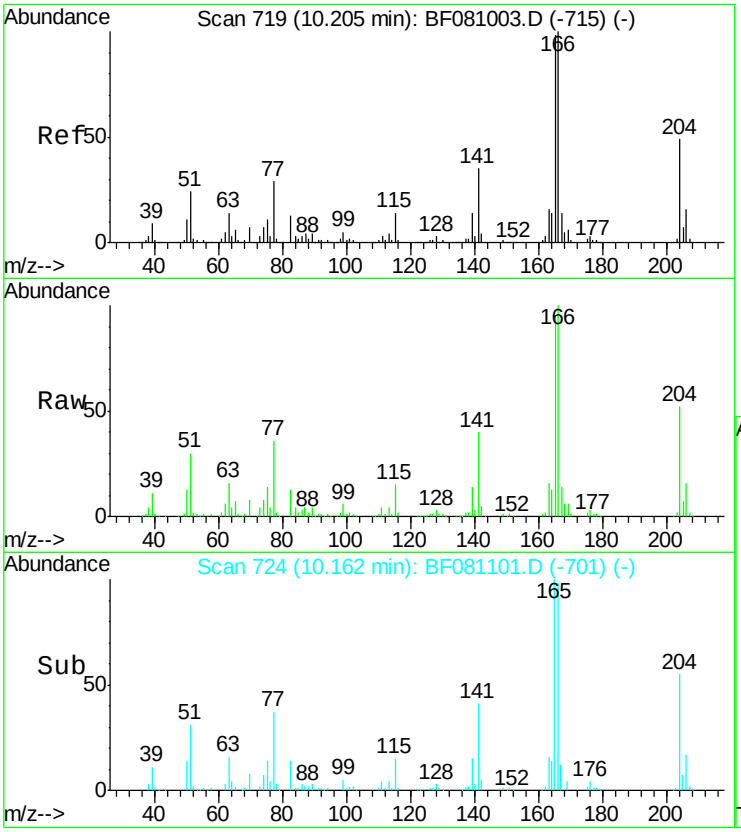



#56
2,4-Dinitrotoluene
Concen: 36.51 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:165 Resp: 105112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 82.5 | 52.2 | 78.4# |
| 89 | 100.1 | 60.1 | 90.1# |
| 182 | 2.0 | 1.8 | 2.6 |

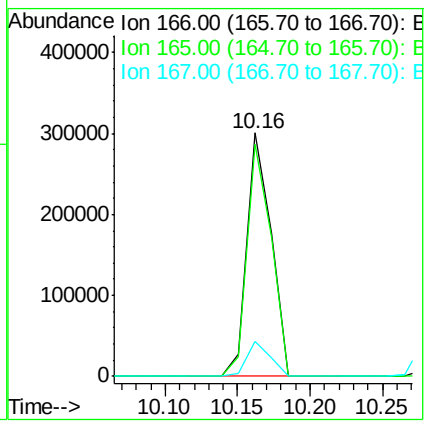





#57
Fluorene
Concen: 36.20 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:166 Resp: 347443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.5 | 75.8 | 113.8 |
| 167 | 14.1 | 11.3 | 16.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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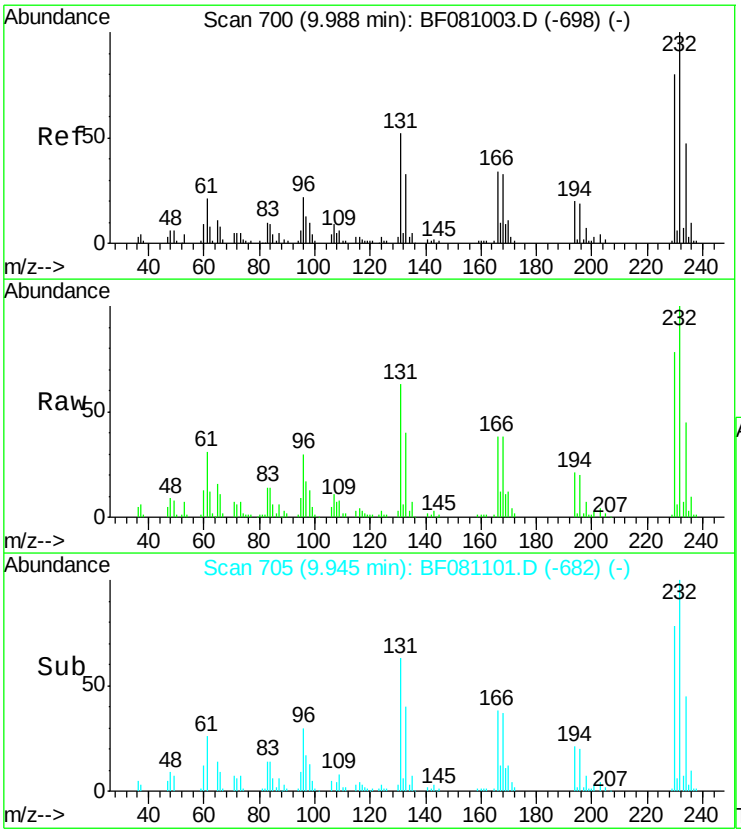
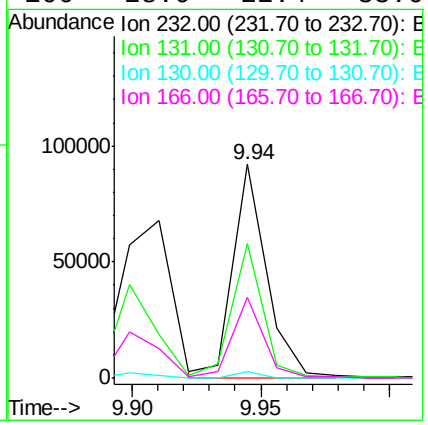
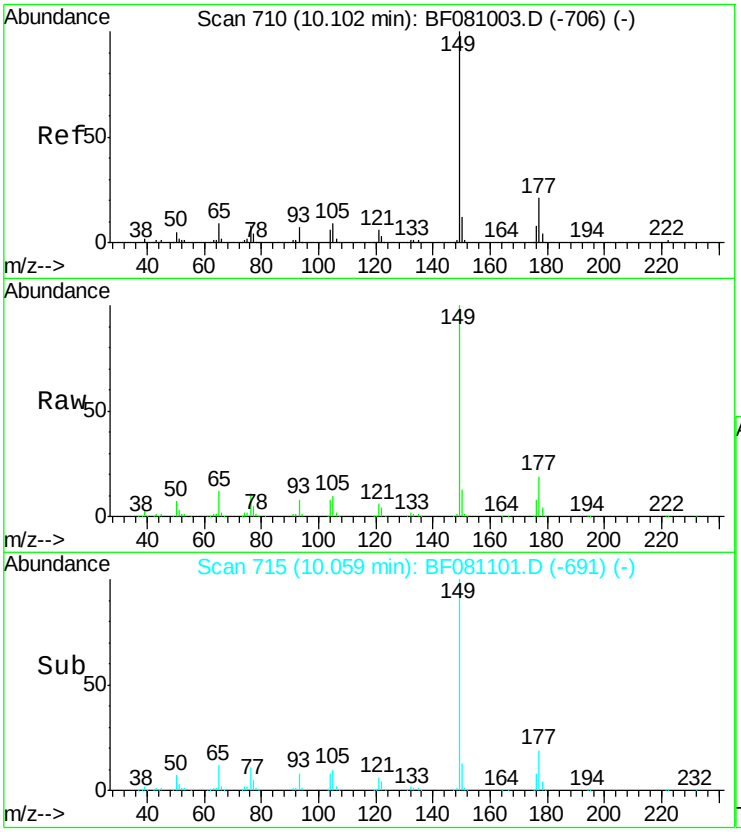



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.66 ng m
RT: 9.94 min Scan# 705
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:232 Resp: 83738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.4 | 42.2 | 63.4 |
| 130 | 2.5 | 2.1 | 3.1 |
| 166 | 28.0 | 22.4 | 33.6 |

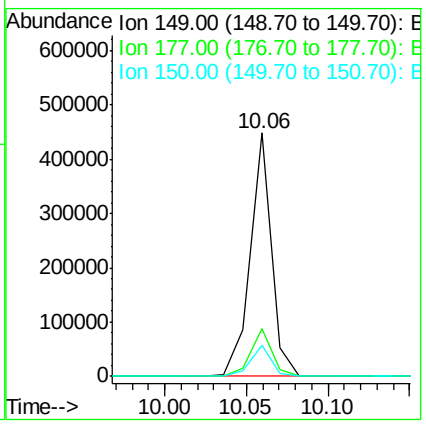





#59
Diethylphthalate
Concen: 37.89 ng
RT: 10.06 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:149 Resp: 405811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.4 | 14.1 | 21.1 |
| 150 | 12.6 | 10.3 | 15.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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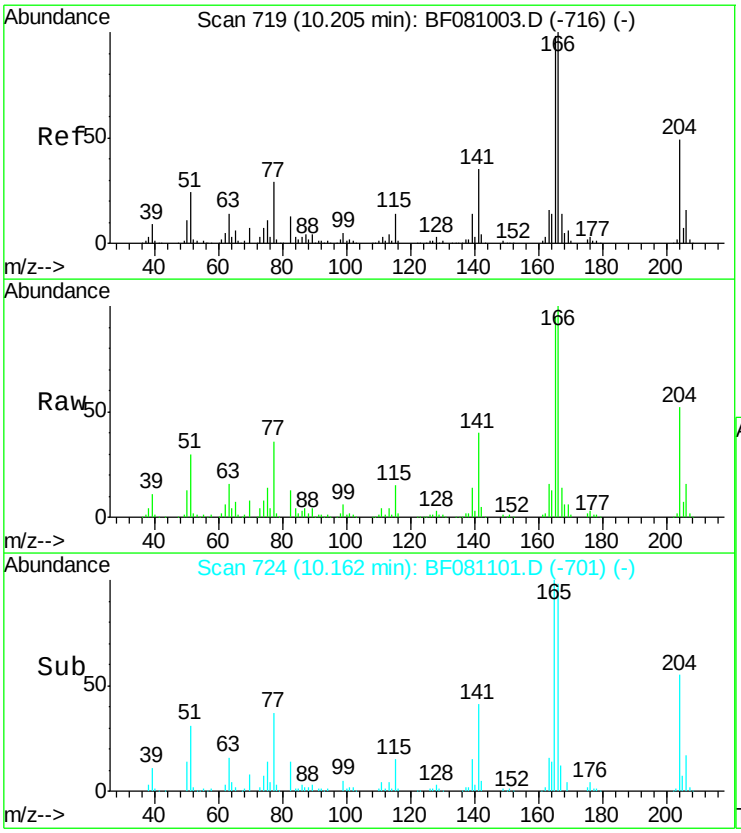
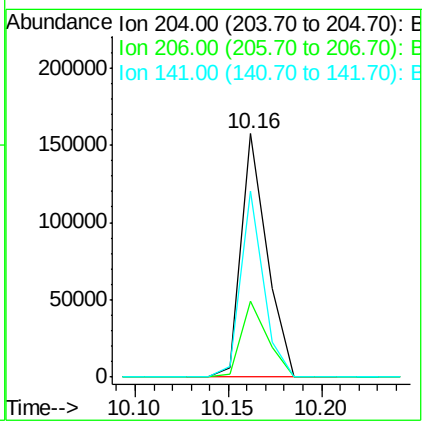
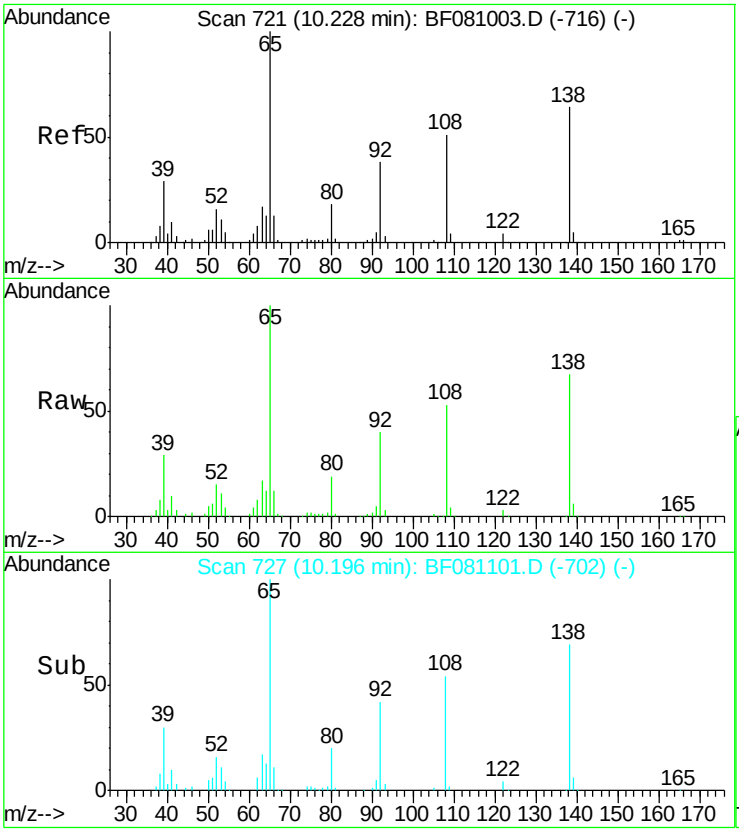



#60
4-Chlorophenyl-phenylether
Concen: 37.36 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:204 Resp: 151709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.0 | 26.2 | 39.2 |
| 141 | 76.2 | 59.6 | 89.4 |

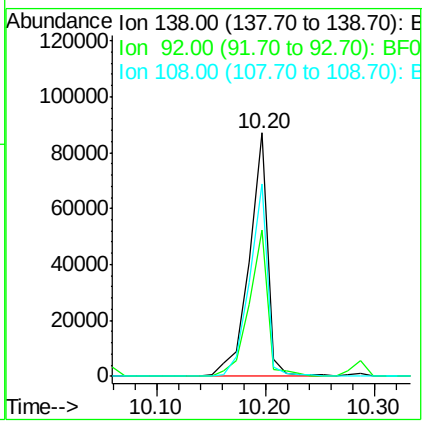





#61
4-Nitroaniline
Concen: 37.42 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:138 Resp: 103974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 60.0 | 34.7 | 74.7 |
| 108 | 79.1 | 68.9 | 108.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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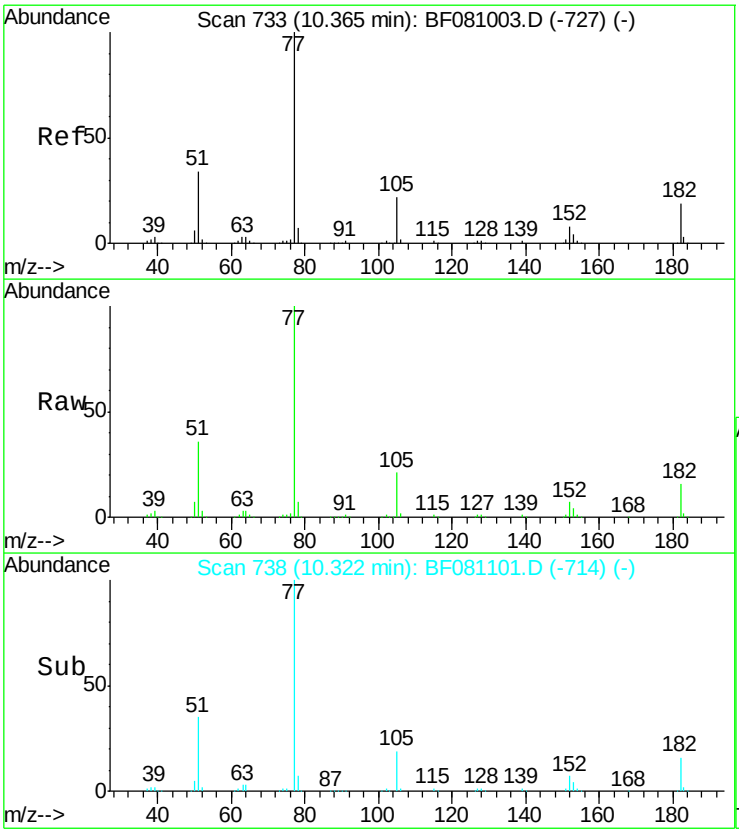
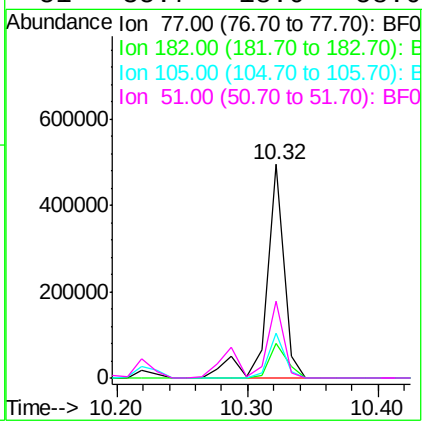
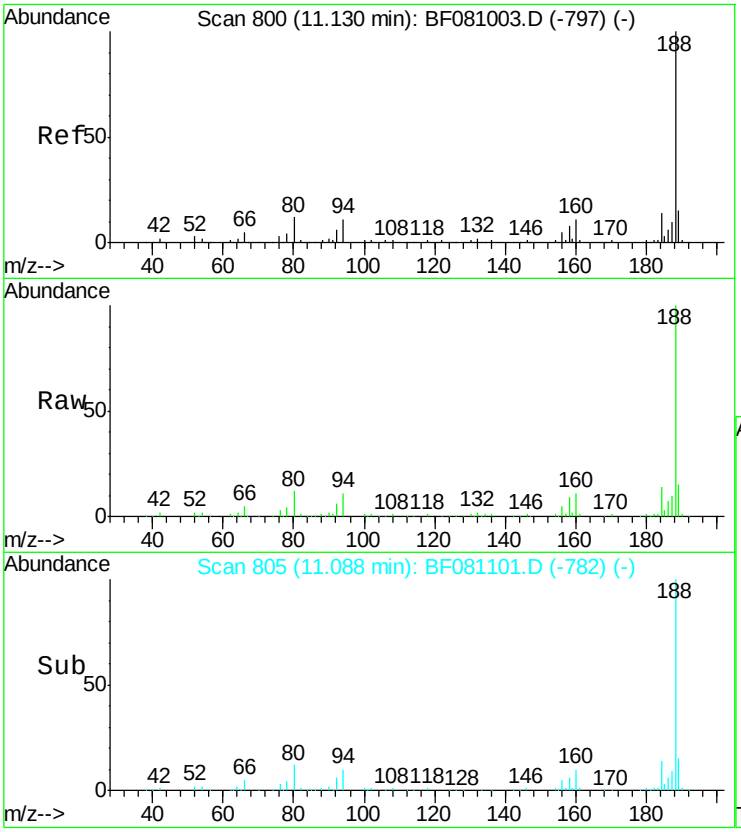



#62
Azobenzene
Concen: 38.20 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 77 Resp: 471403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 16.2 | 0.0 | 39.0 |
| 105 | 20.7 | 0.2 | 40.2 |
| 51 | 35.7 | 18.0 | 58.0 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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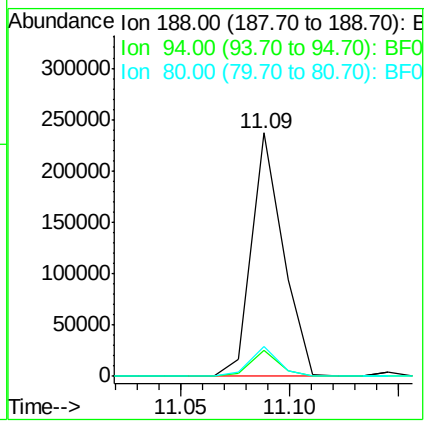
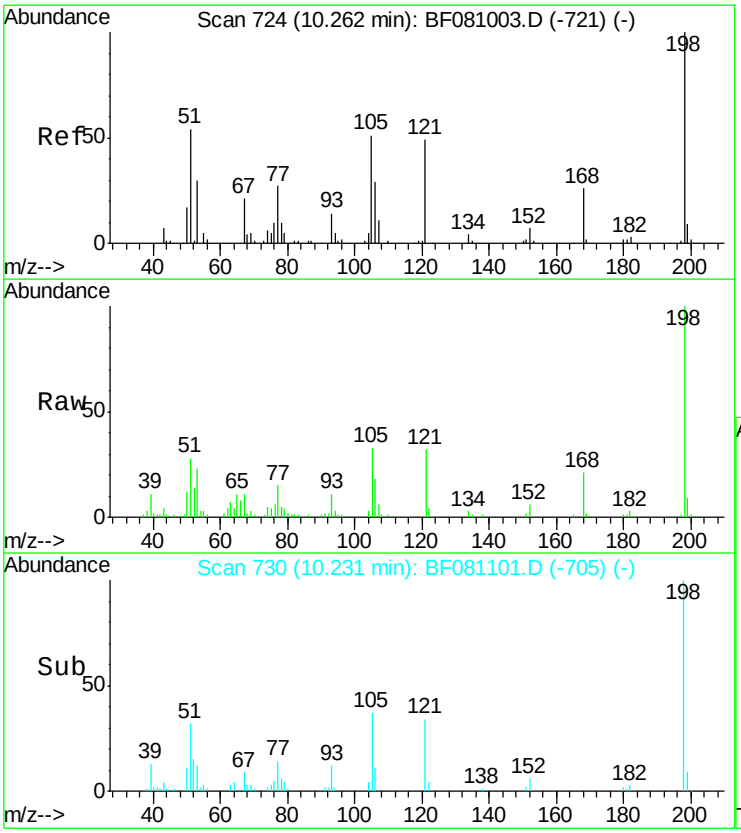
Tgt Ion:188 Resp: 239356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.2 | 12.2 |
| 80 | 12.4 | 9.5 | 14.3 |

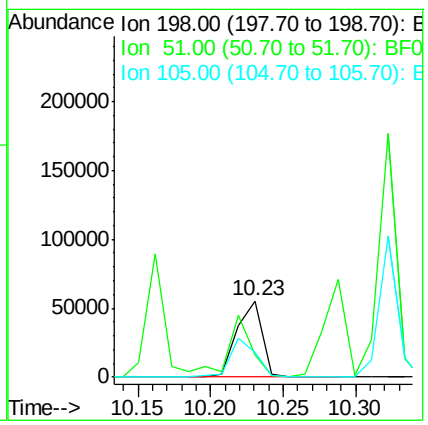


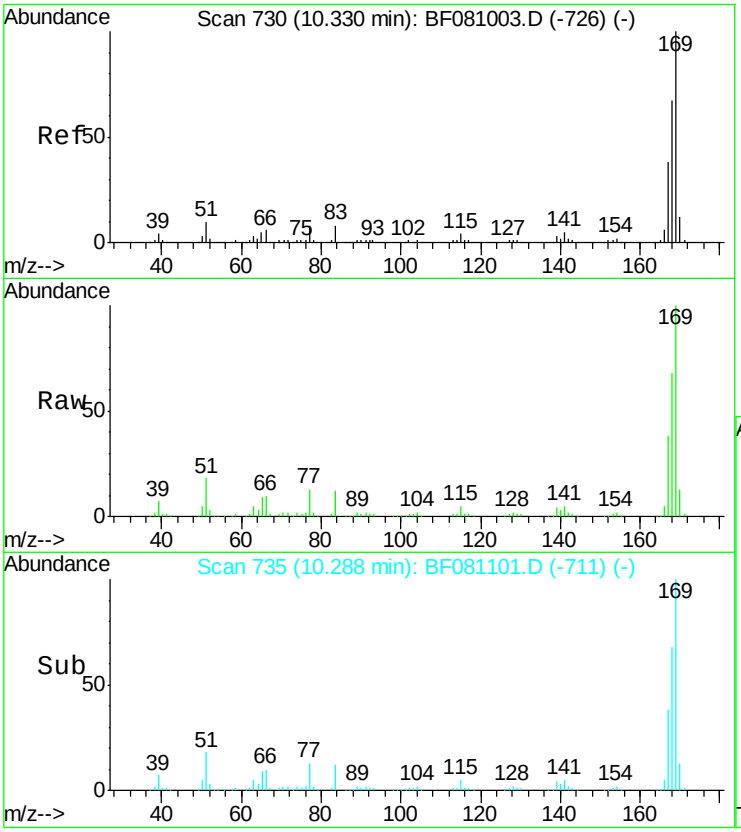




#64
4,6-Dinitro-2-methylphenol
Concen: 46.92 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:198 Resp: 67074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 28.3 | 79.7 | 119.7# |
| 105 | 32.5 | 47.0 | 87.0# |

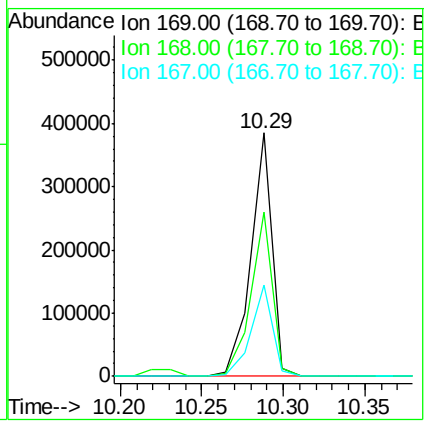





#65
n-Nitrosodiphenylamine
Concen: 40.44 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:169 Resp: 345560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.6 | 55.3 | 82.9 |
| 167 | 37.7 | 30.8 | 46.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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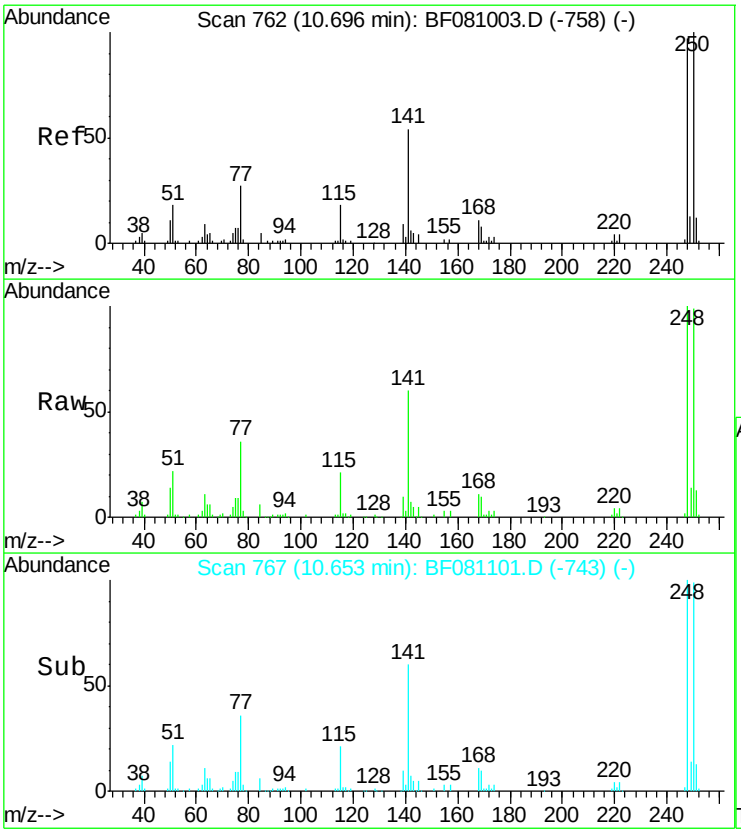
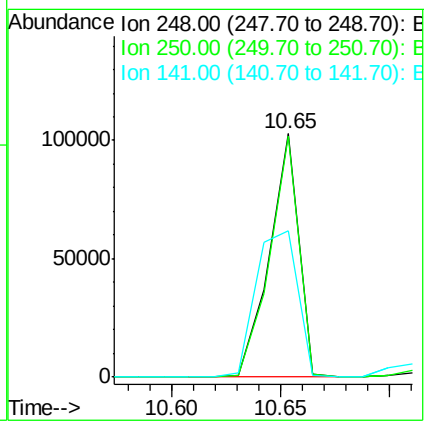
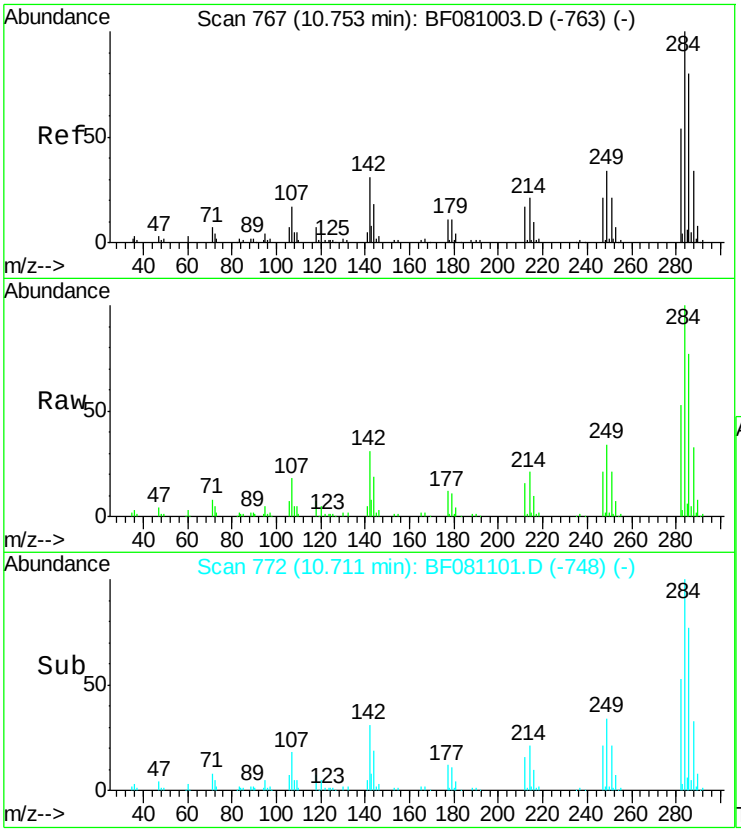



#66
4-Bromophenyl-phenylether
Concen: 41.34 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:248 Resp: 97206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.0 | 77.8 | 116.6 |
| 141 | 60.0 | 39.8 | 59.6# |

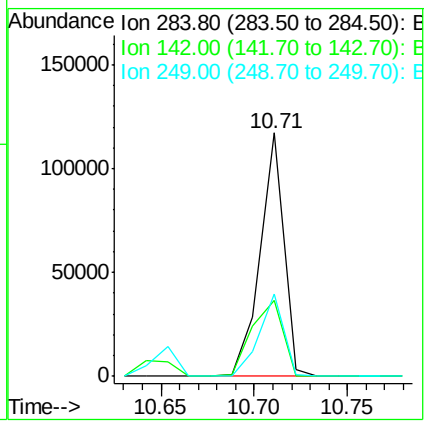





#67
Hexachlorobenzene
Concen: 43.04 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:284 Resp: 102498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.0 | 25.4 | 38.0 |
| 249 | 33.9 | 28.5 | 42.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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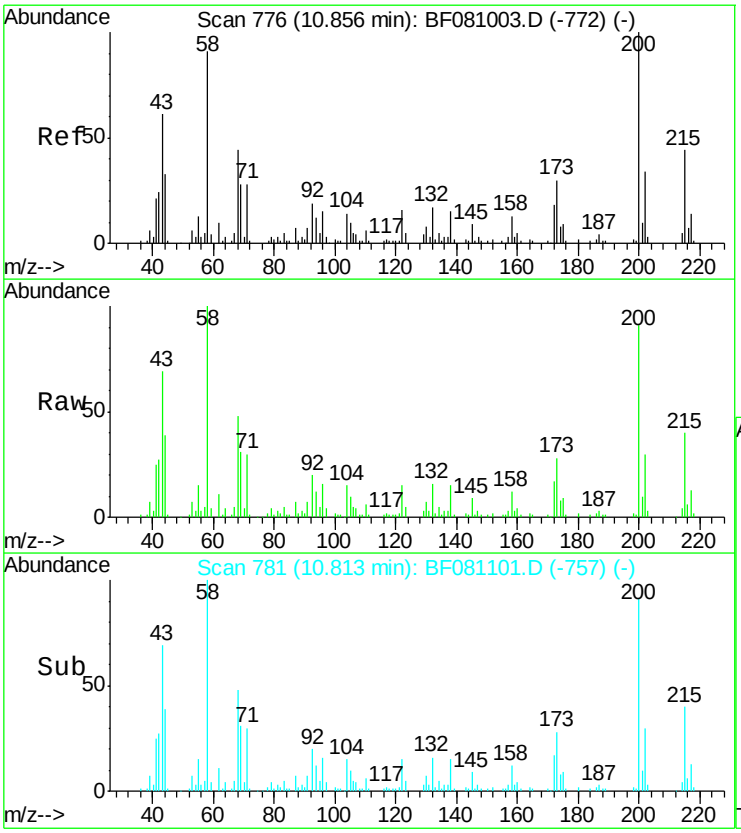
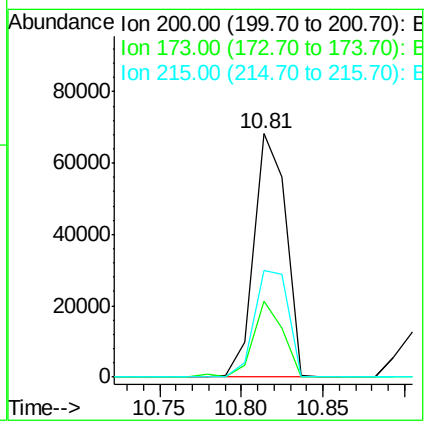
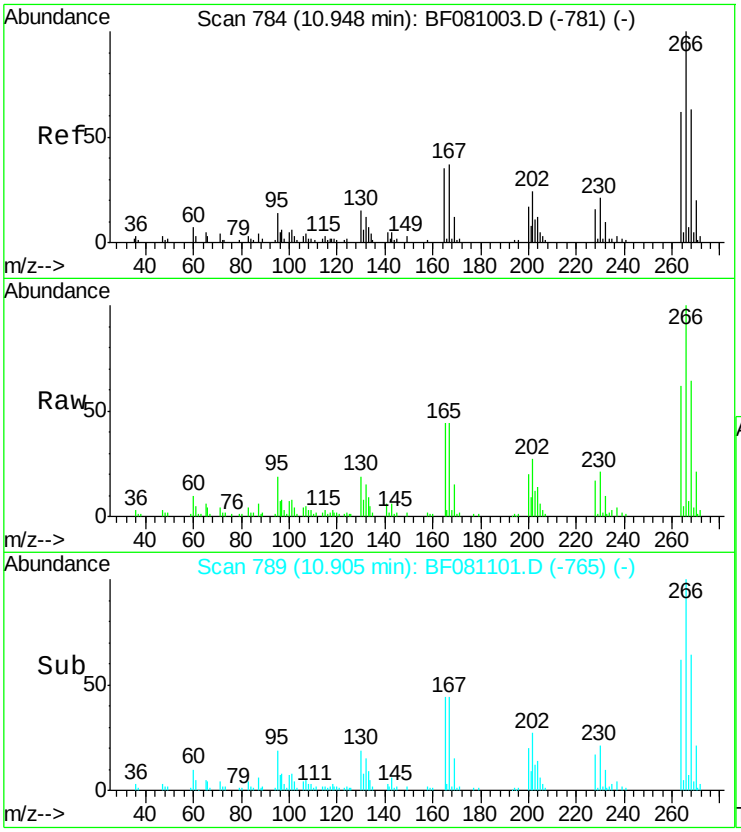



#68
Atrazine
Concen: 38.89 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:200 Resp: 92580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 31.1 | 8.1 | 48.1 |
| 215 | 43.6 | 23.3 | 63.3 |

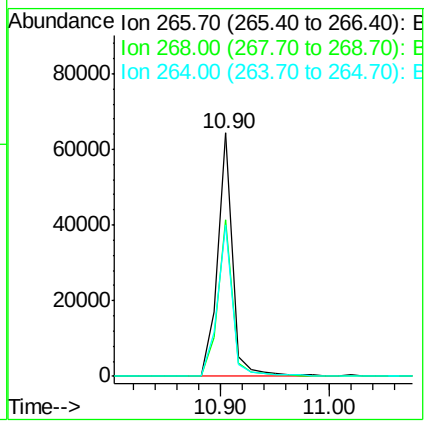





#69
Pentachlorophenol
Concen: 44.10 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:266 Resp: 63007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.1 | 51.2 | 76.8 |
| 264 | 62.0 | 50.6 | 75.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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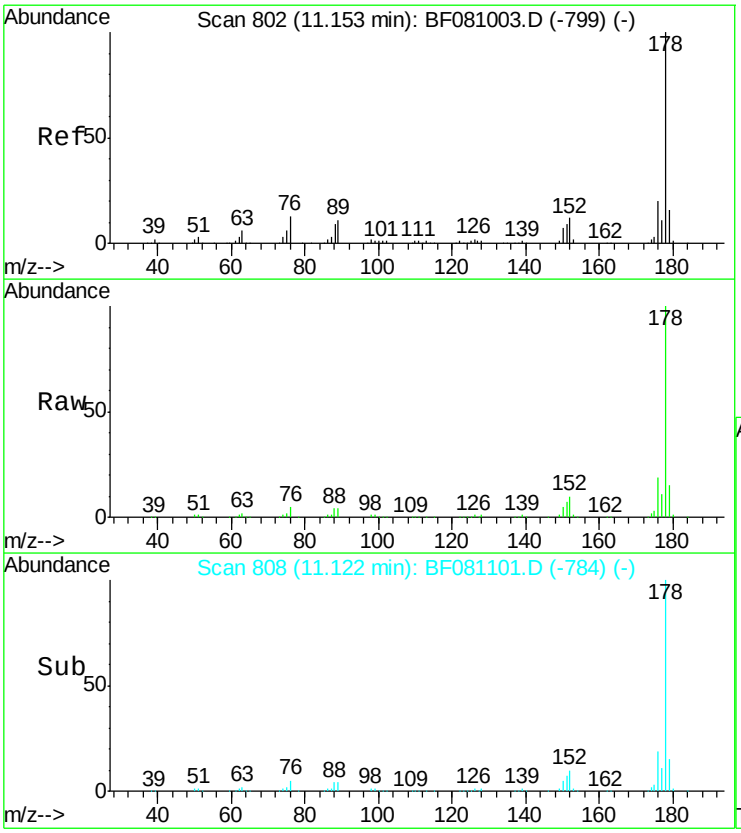
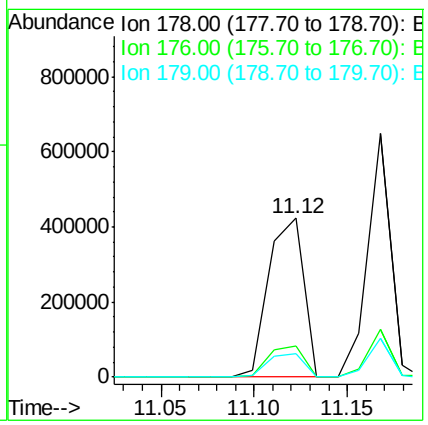
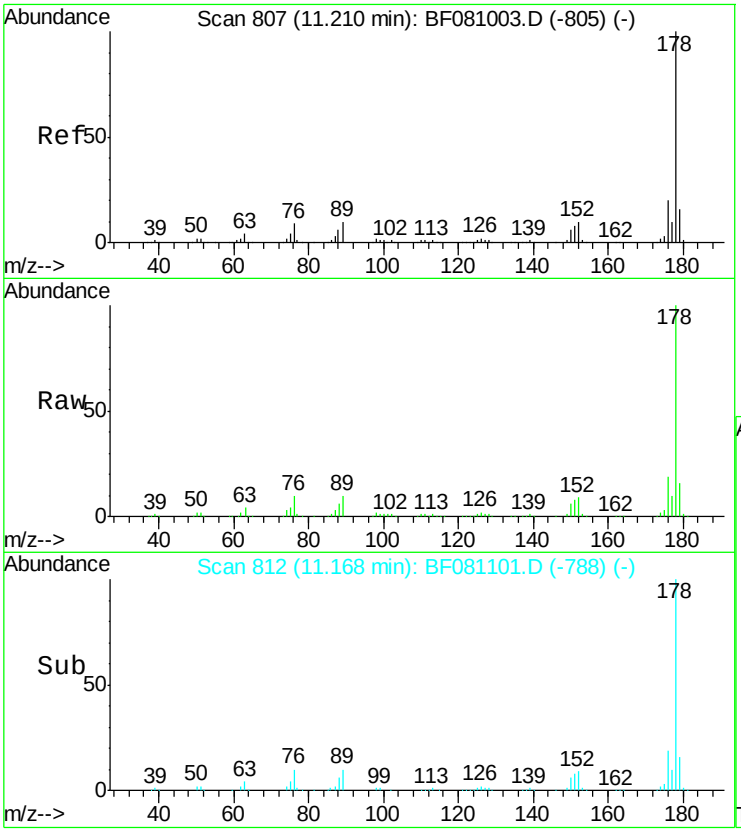



#70
Phenanthrene
Concen: 39.09 ng
RT: 11.12 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:178 Resp: 554519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.7 | 23.5 |
| 179 | 14.9 | 12.2 | 18.2 |

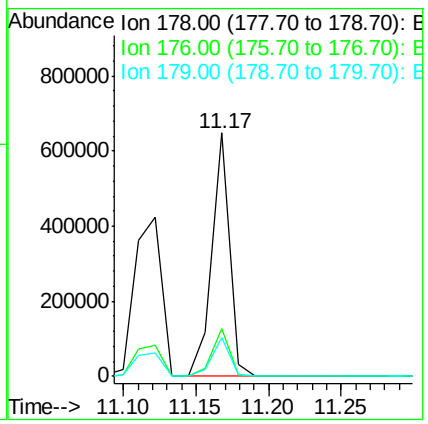





#71
Anthracene
Concen: 39.69 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:178 Resp: 547876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.7 | 23.5 |
| 179 | 15.8 | 12.7 | 19.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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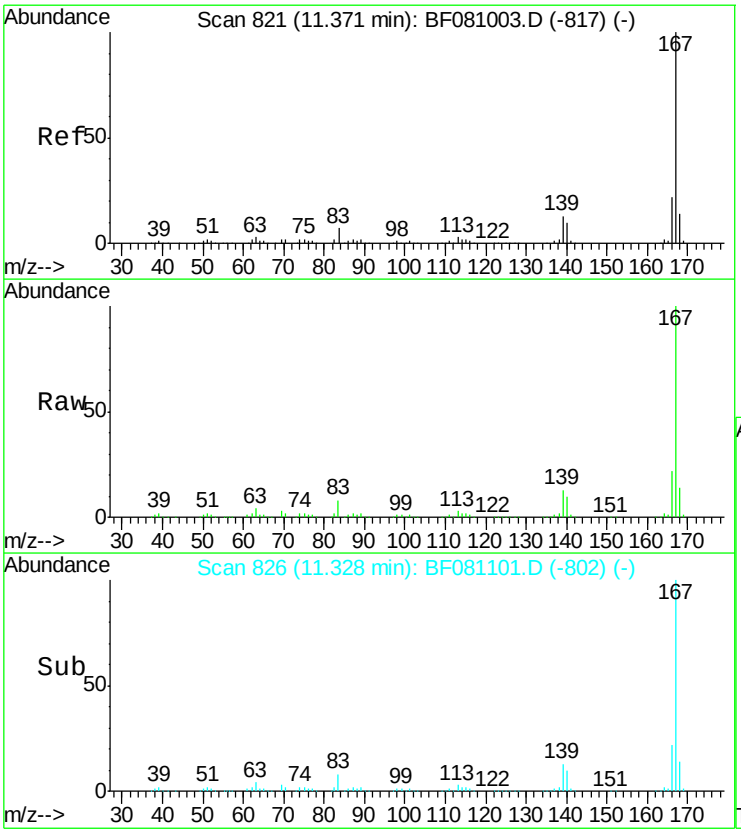
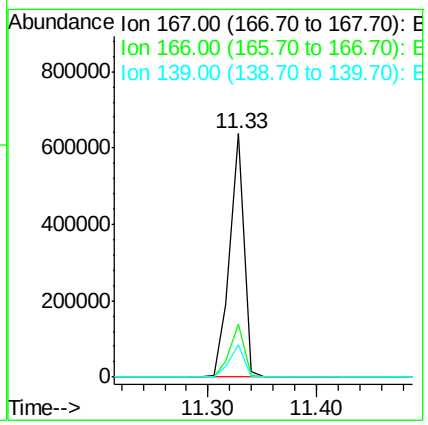
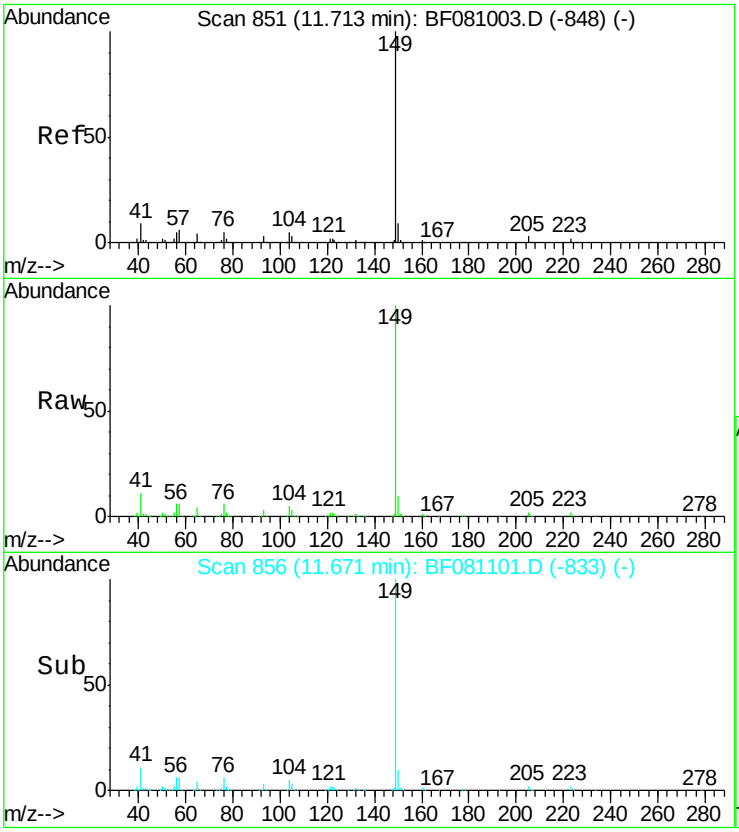



#72
Carbazole
Concen: 43.76 ng
RT: 11.33 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:167 Resp: 581584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.4 | 26.0 |
| 139 | 13.4 | 10.6 | 16.0 |

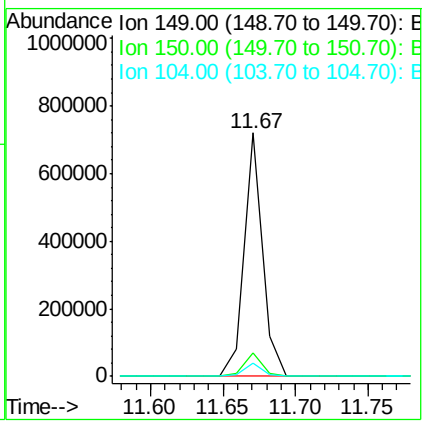





#73
Di-n-butylphthalate
Concen: 39.29 ng
RT: 11.67 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:149 Resp: 631853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.1 | 10.7 |
| 104 | 5.3 | 3.9 | 5.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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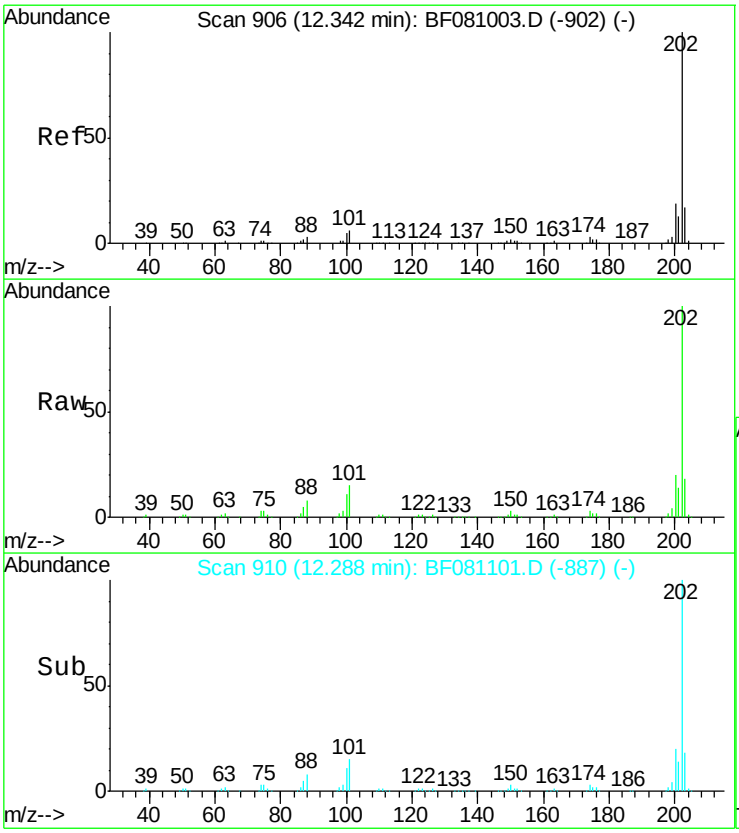
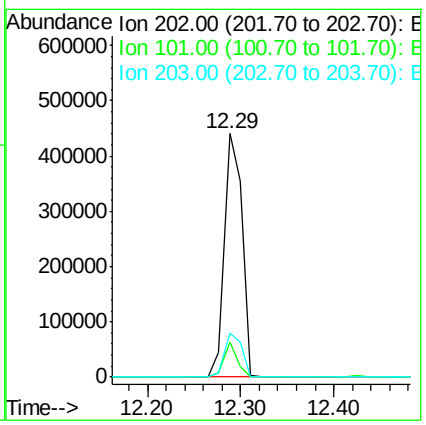
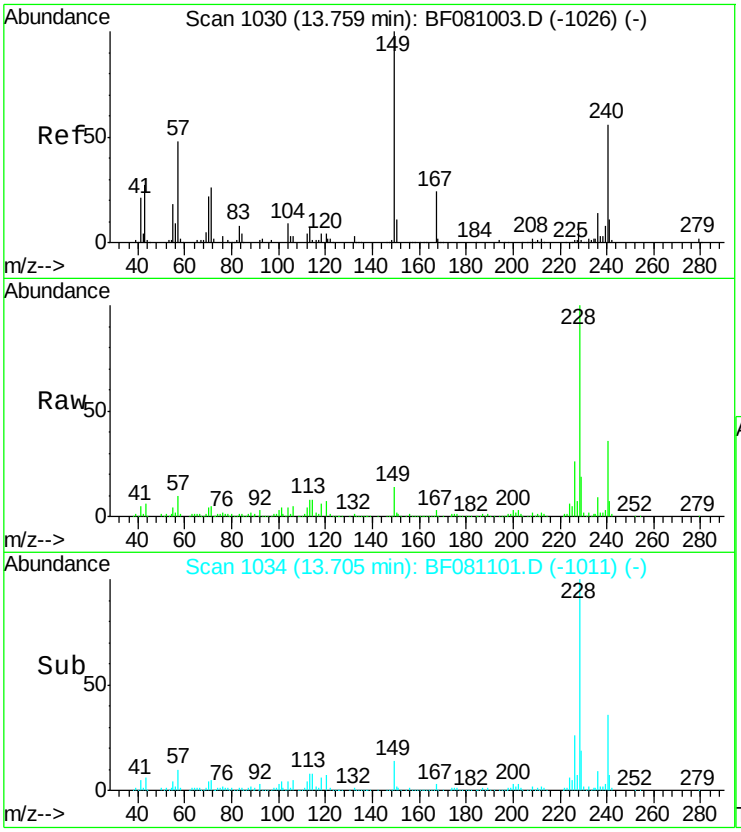



#74
Fluoranthene
Concen: 37.89 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:202 Resp: 580048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 0.0 | 24.8 |
| 203 | 18.3 | 0.0 | 36.9 |






#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:240 Resp: 183773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.2 | 5.6 | 8.4# |
| 236 | 26.0 | 20.6 | 30.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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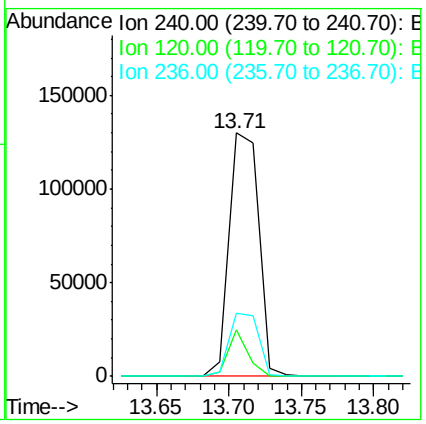
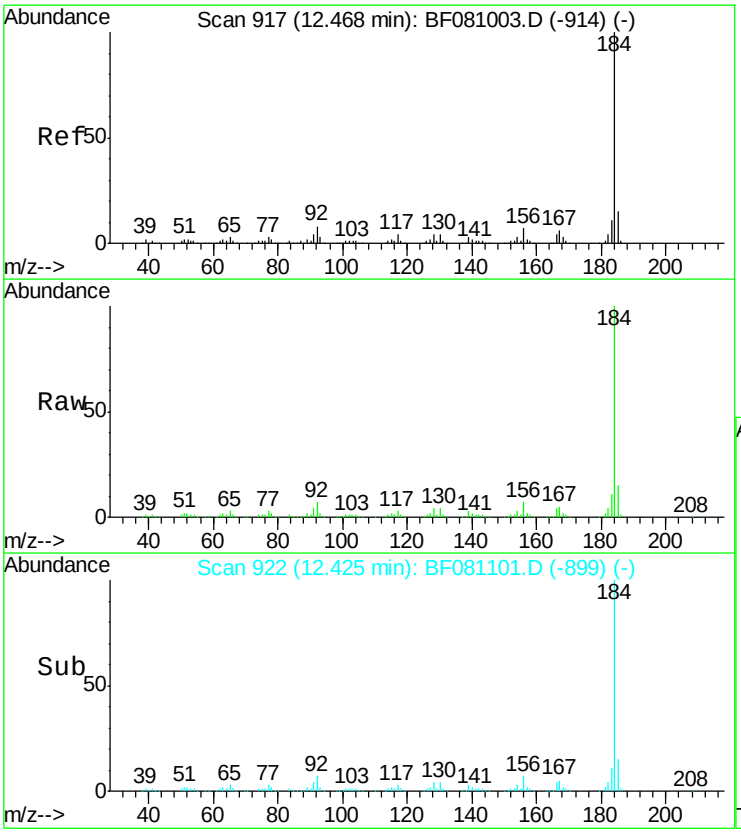
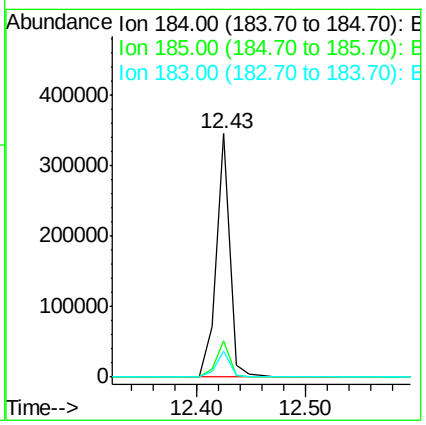


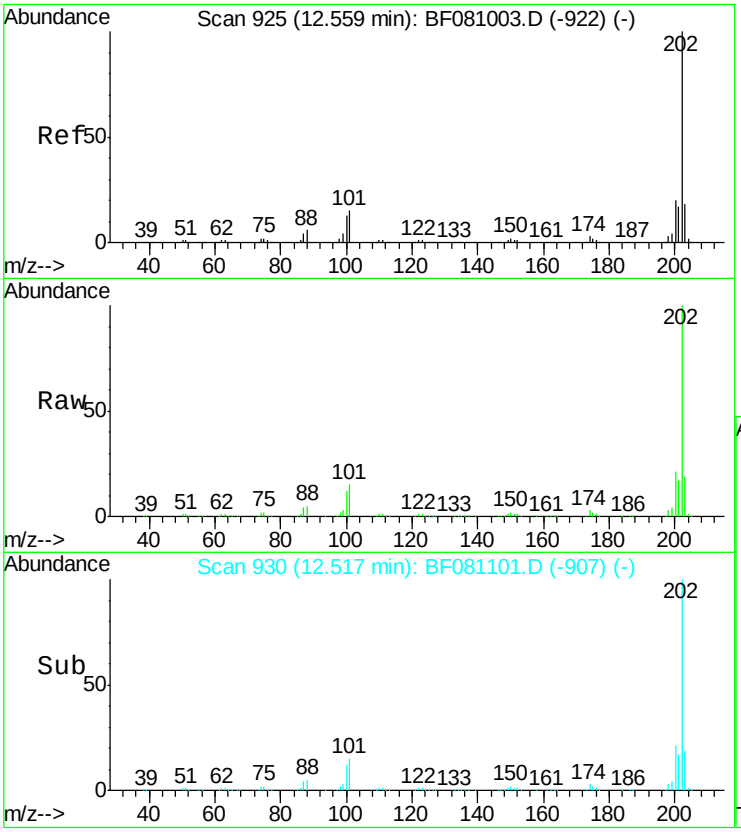




#76
Benzidine
Concen: 44.01 ng
RT: 12.43 min Scan# 922
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:184 Resp: 305543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.0 | 18.0 |
| 183 | 10.6 | 8.9 | 13.3 |

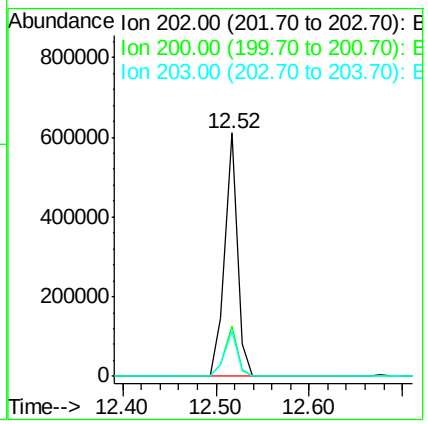





#77
Pyrene
Concen: 38.87 ng
RT: 12.52 min Scan# 930
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:202 Resp: 580777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.6 | 24.8 |
| 203 | 18.6 | 14.1 | 21.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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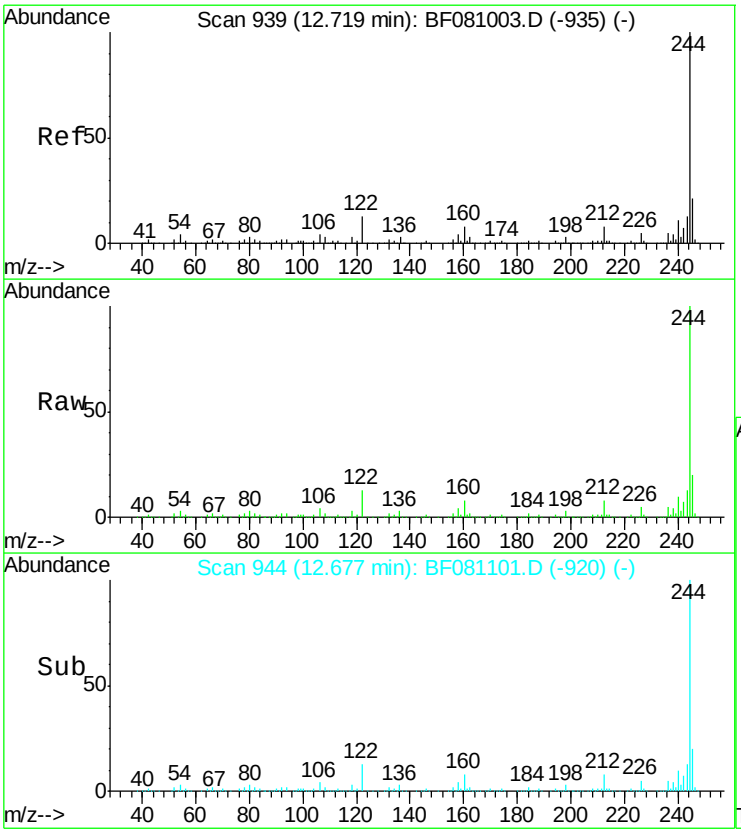
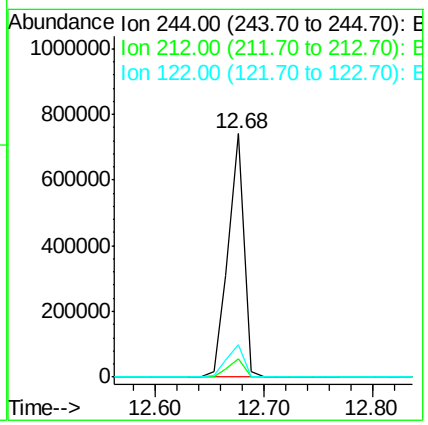
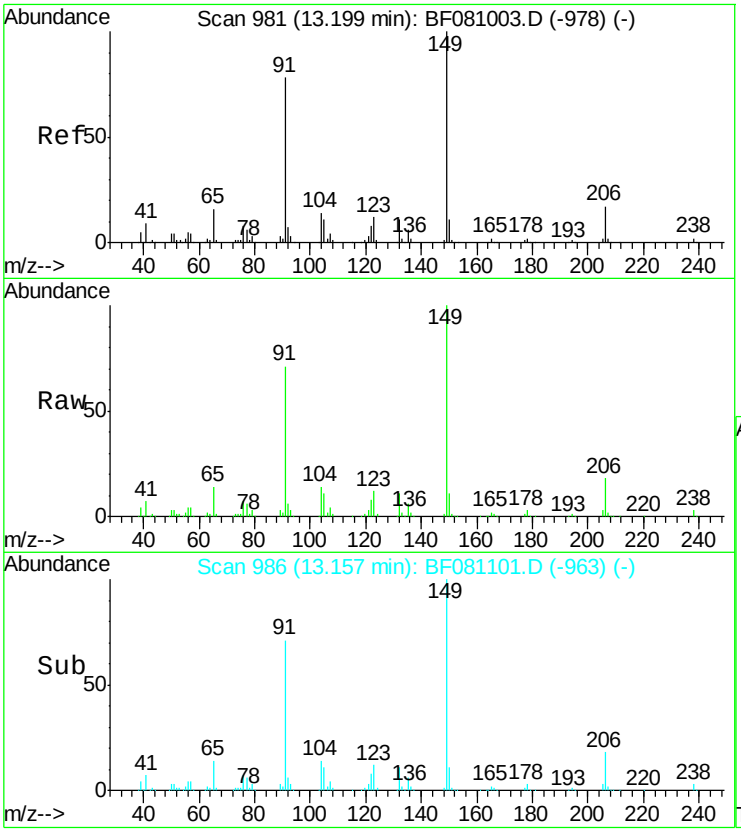



#78
Terphenyl-d14
Concen: 87.02 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:244 Resp: 745927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 13.1 | 8.2 | 12.4# |

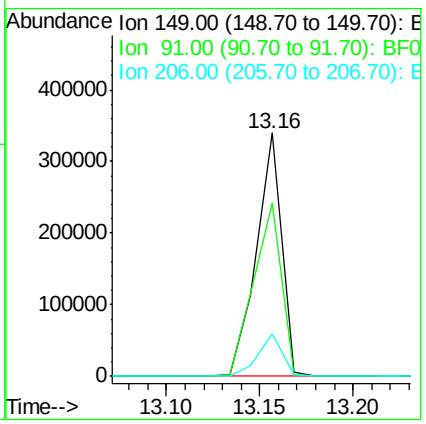





#79
Butylbenzylphthalate
Concen: 49.17 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:149 Resp: 315779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.2 | 46.9 | 70.3# |
| 206 | 17.5 | 17.0 | 25.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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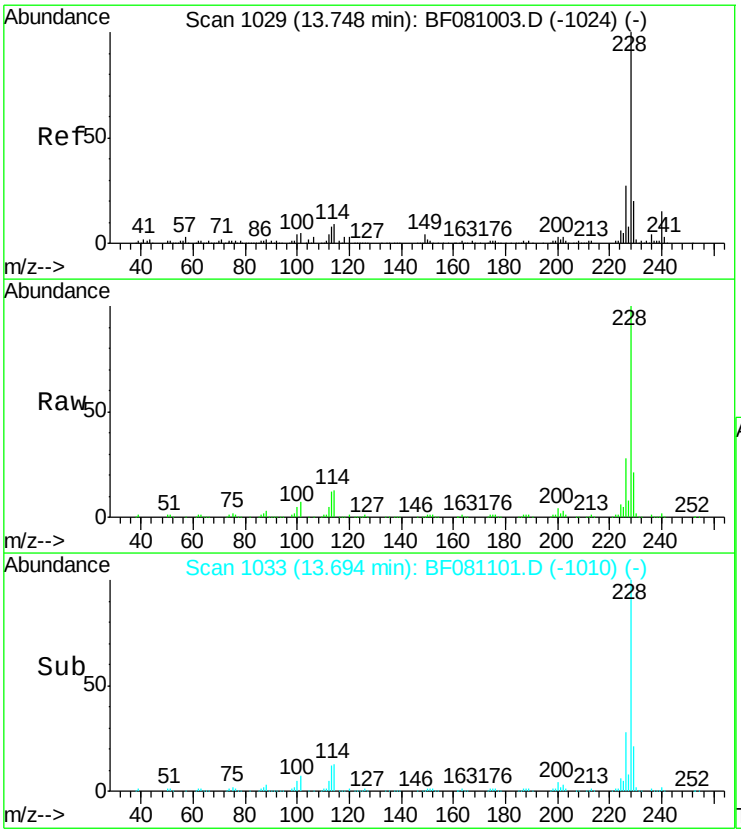
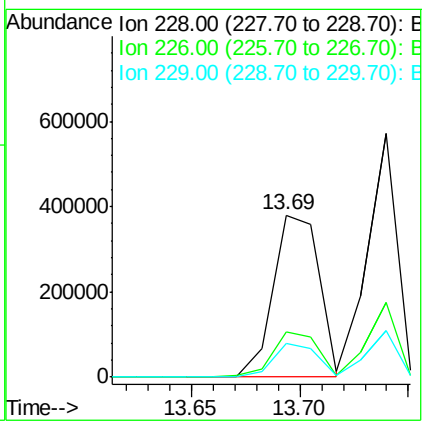
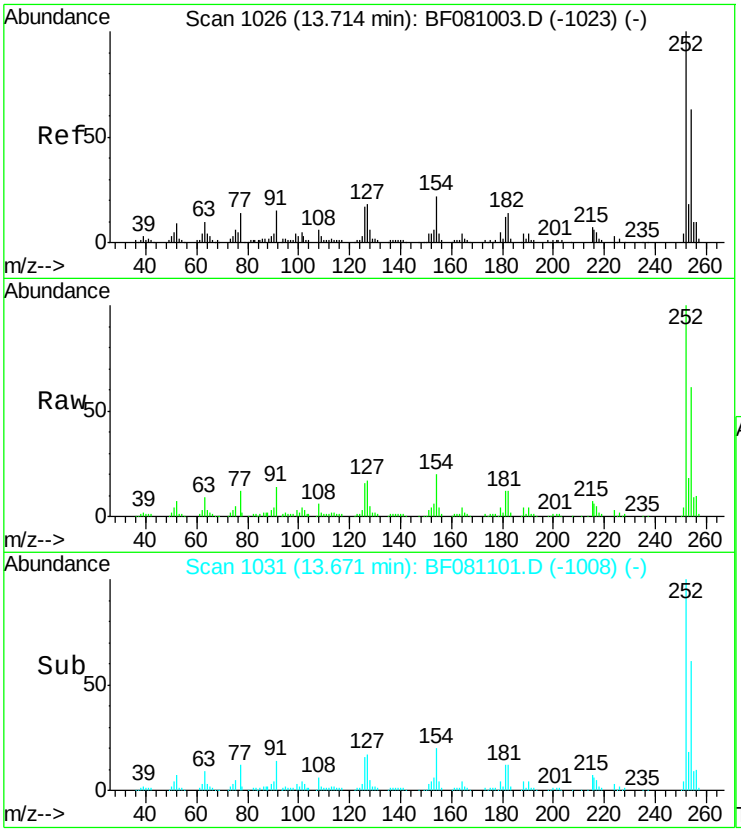



#80
Benzo(a)anthracene
Concen: 45.52 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:228 Resp: 560964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.3 | 33.5 |
| 229 | 20.5 | 15.9 | 23.9 |

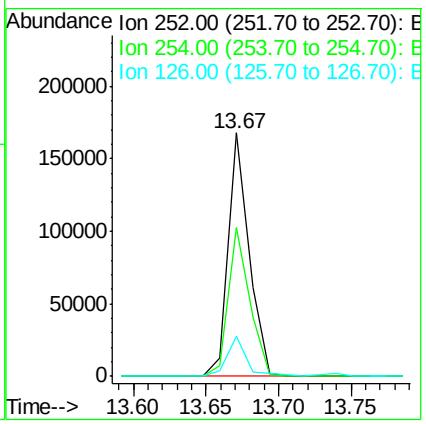





#81
3,3'-Dichlorobenzidine
Concen: 41.96 ng
RT: 13.67 min Scan# 1031
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:252 Resp: 167490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 61.4 | 51.5 | 77.3 |
| 126 | 16.3 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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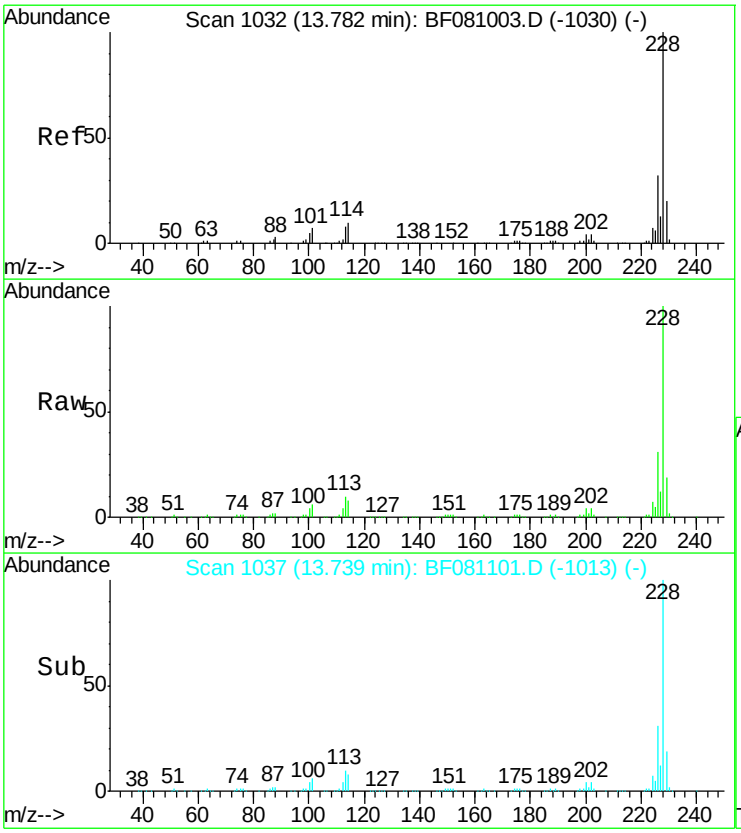
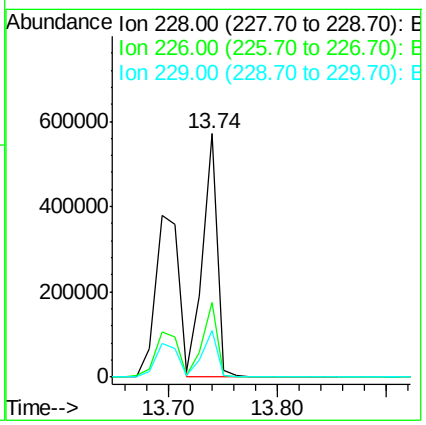
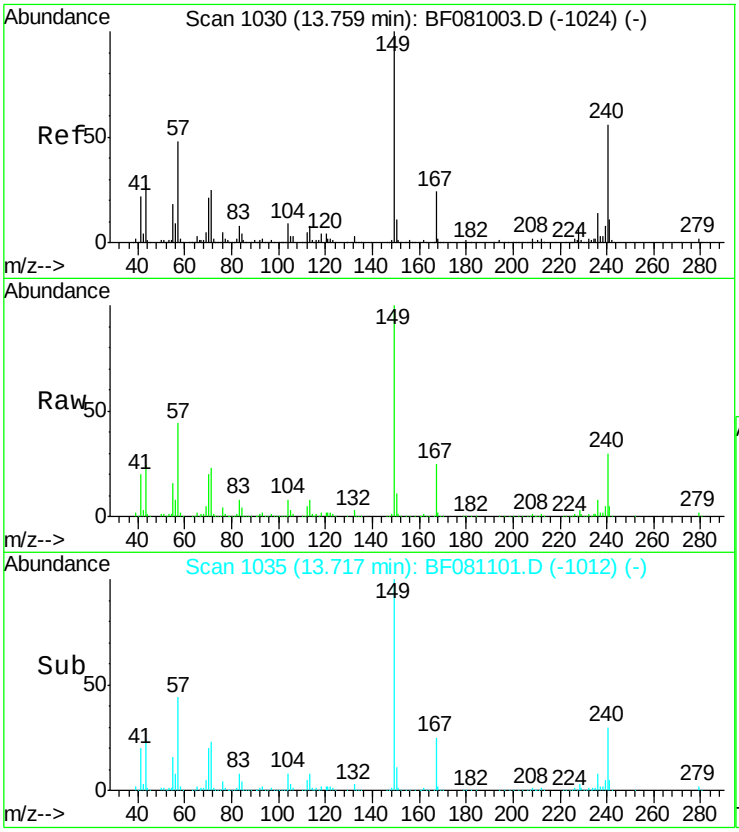



#82
Chrysene
Concen: 48.61 ng
RT: 13.74 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:228 Resp: 539958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 24.4 | 36.6 |
| 229 | 19.3 | 16.0 | 24.0 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 46.51 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:149 Resp: 382569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.5 | 20.7 | 31.1 |
| 279 | 1.9 | 2.2 | 3.4# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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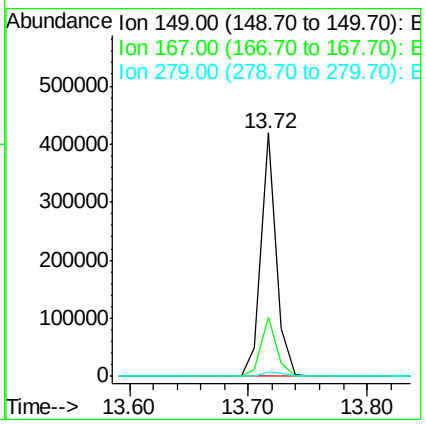
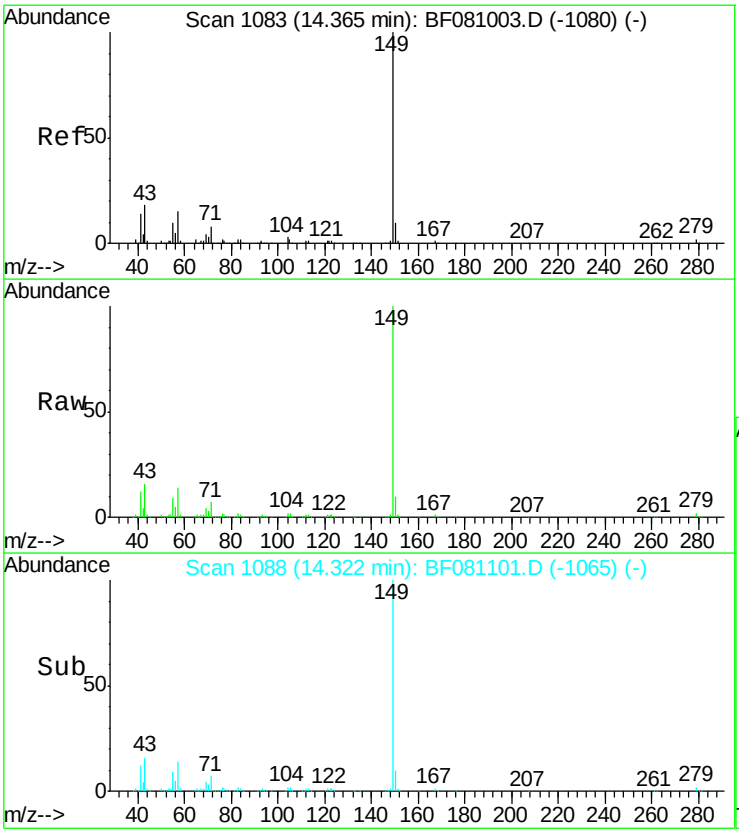
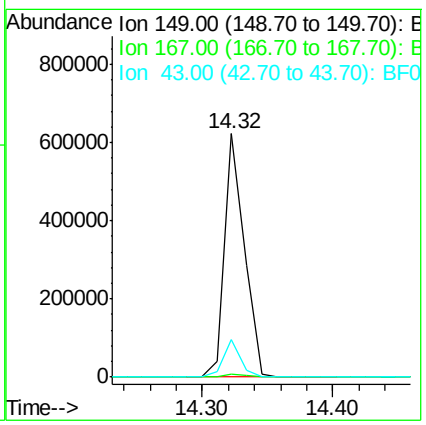


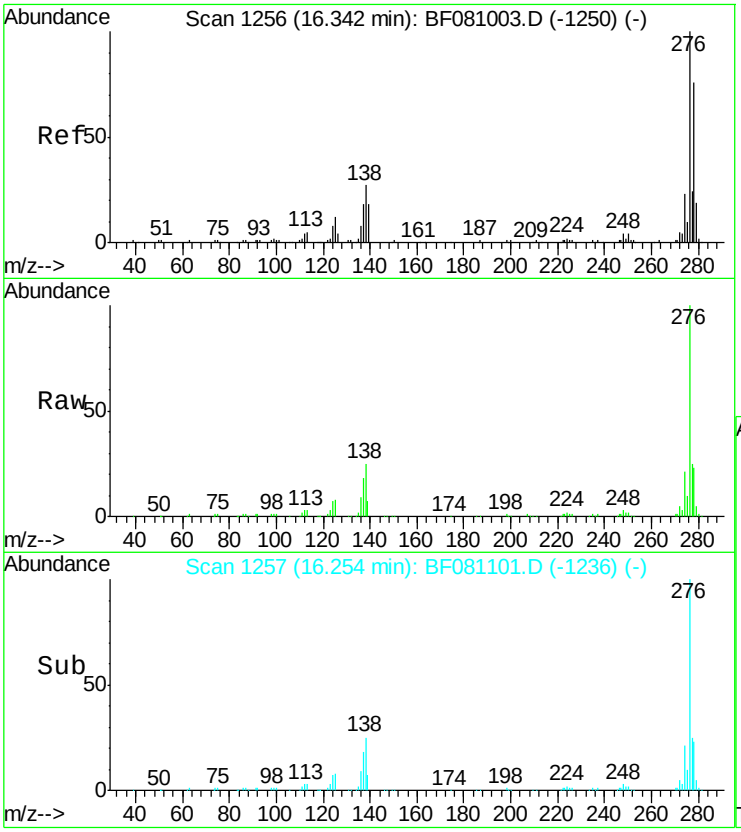




#84
Di-n-octyl phthalate
Concen: 52.39 ng
RT: 14.32 min Scan# 1088
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:149 Resp: 654909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 13.8 | 11.6 | 17.4 |

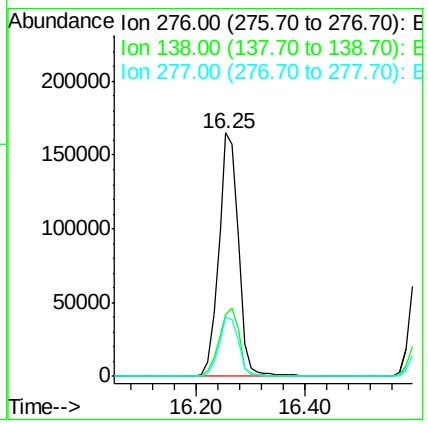





#85
Indeno(1,2,3-cd)pyrene
Concen: 53.75 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:276 Resp: 419116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.9 | 18.6 | 28.0# |
| 277 | 24.7 | 19.8 | 29.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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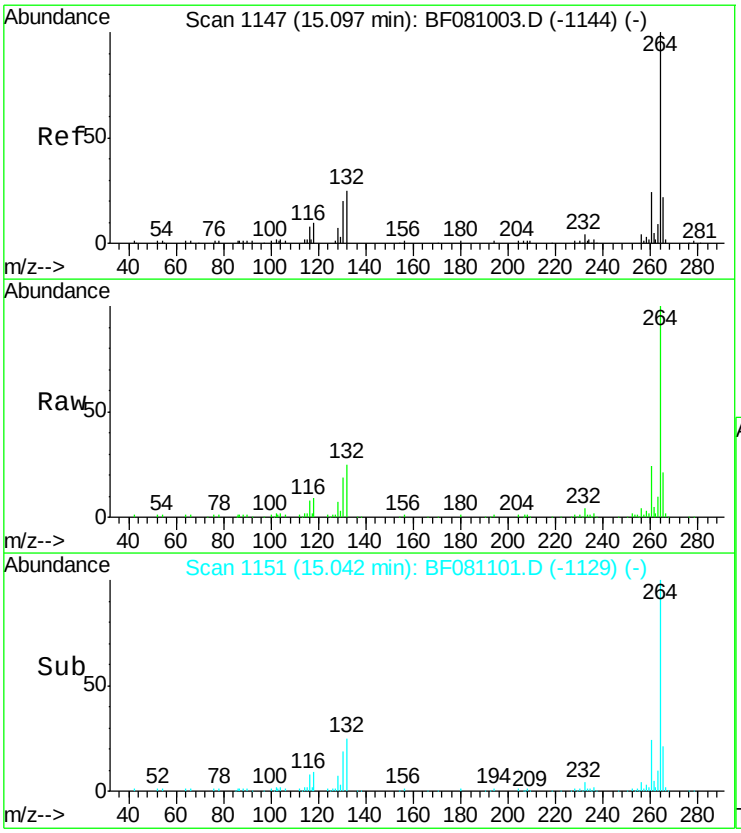
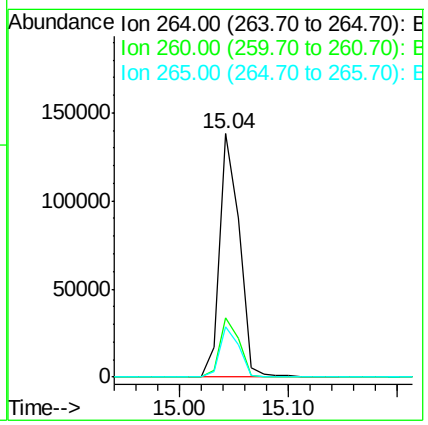
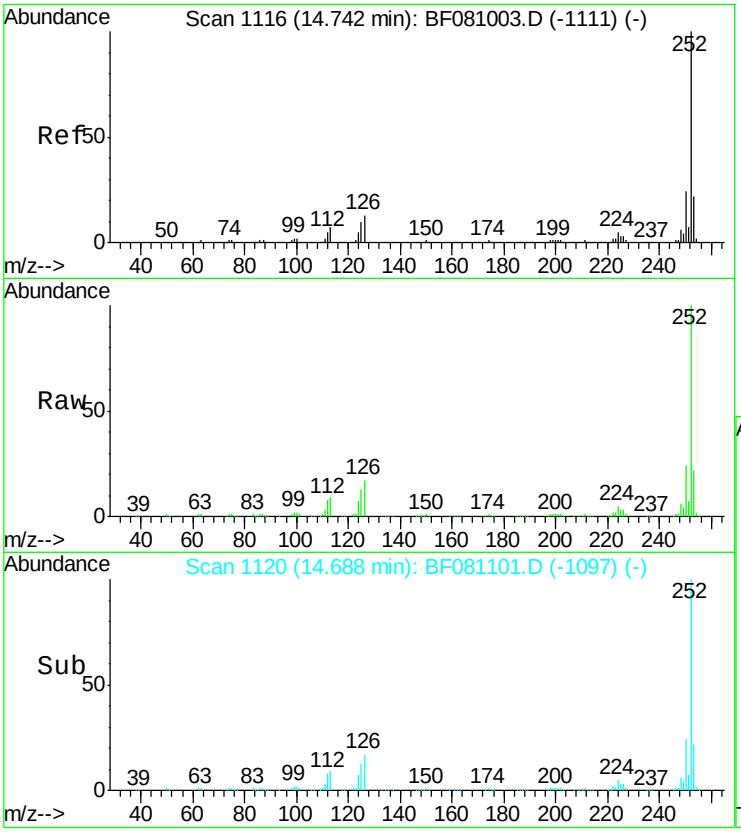



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:264 Resp: 174525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.6 | 29.4 |
| 265 | 20.8 | 17.5 | 26.3 |

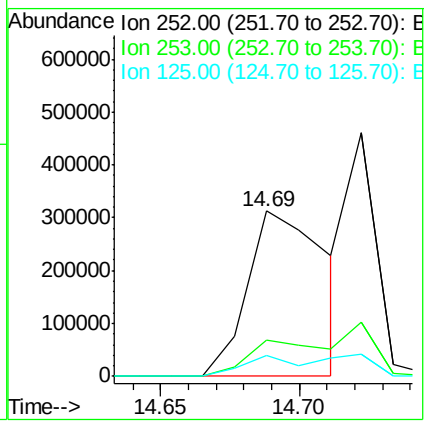





#87
Benzo(b)fluoranthene
Concen: 49.66 ng m
RT: 14.69 min Scan# 1120
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:252 Resp: 613050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.1 | 25.7 |
| 125 | 12.8 | 8.0 | 12.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

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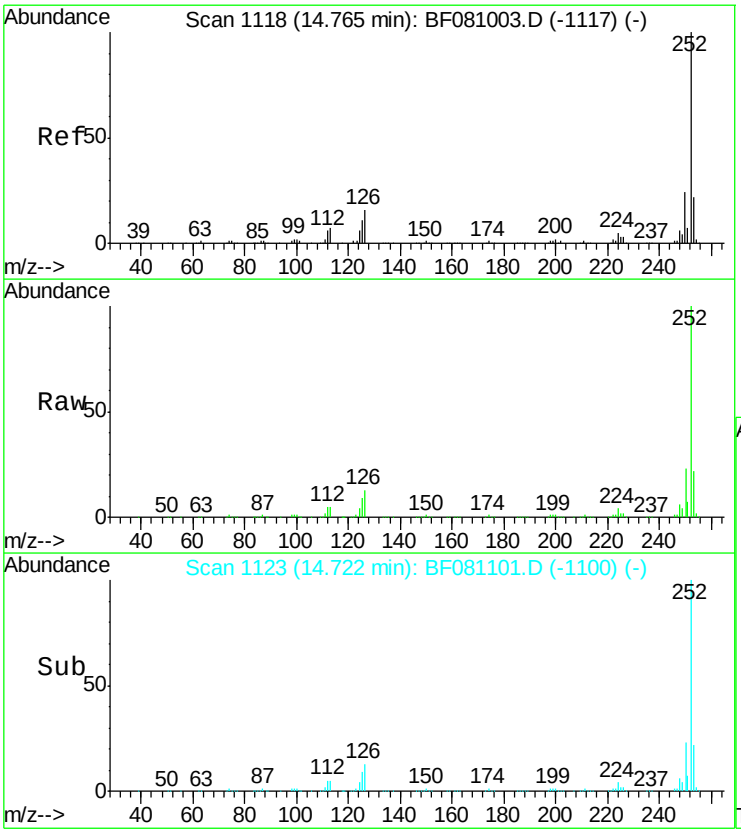
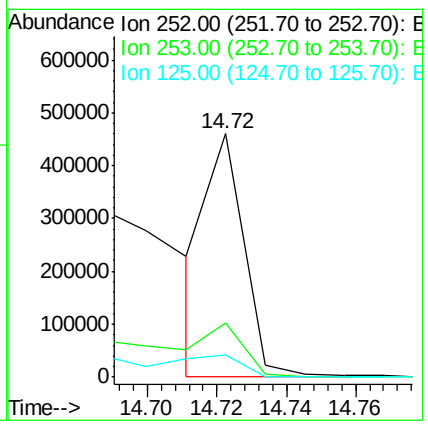
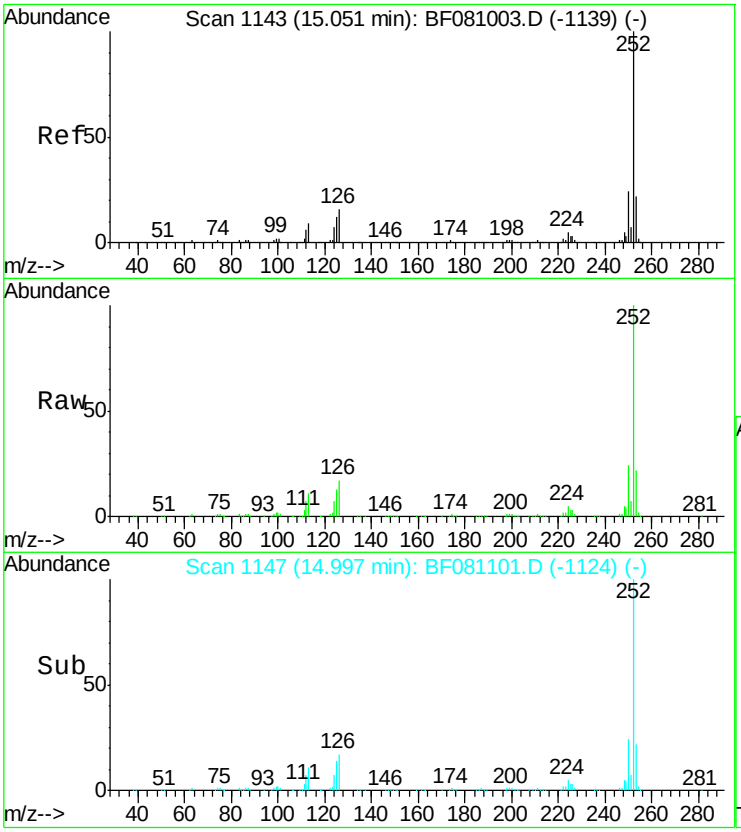



#88
Benzo(k)fluoranthene
Concen: 29.31 ng m
RT: 14.72 min Scan# 1123
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:252 Resp: 337158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 8.9 | 10.3 | 15.5# |






#89
Benzo(a)pyrene
Concen: 38.91 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:252 Resp: 418538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 16.6 | 25.0 |
| 125 | 13.2 | 7.8 | 11.8# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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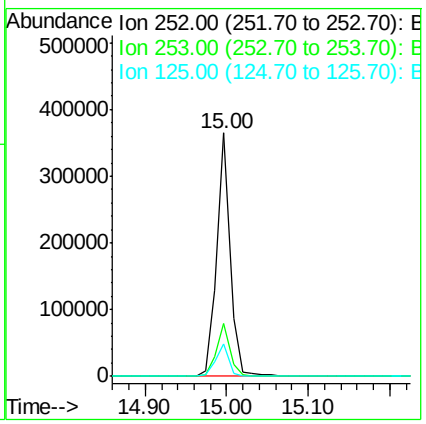
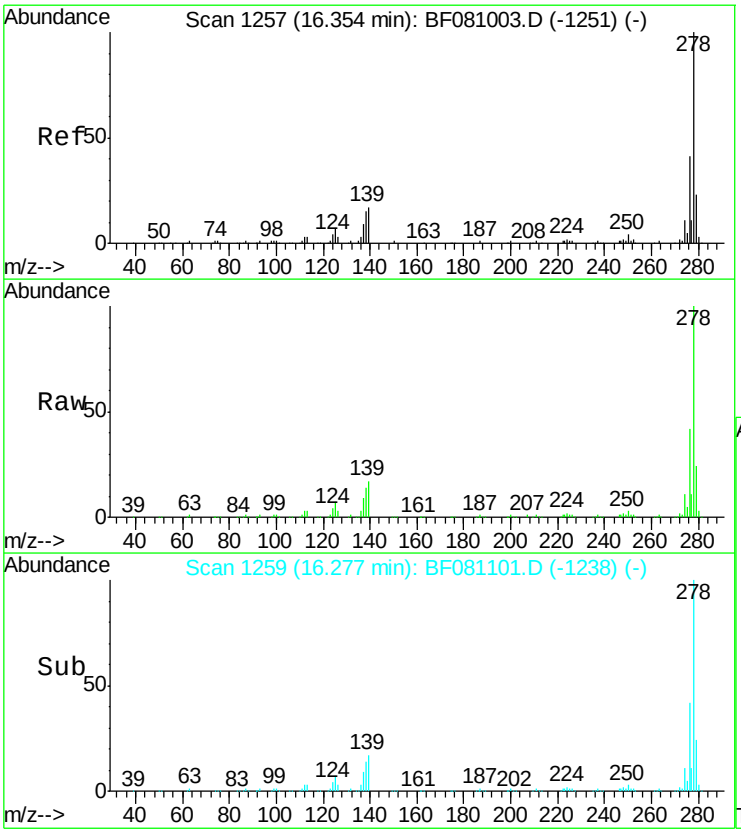
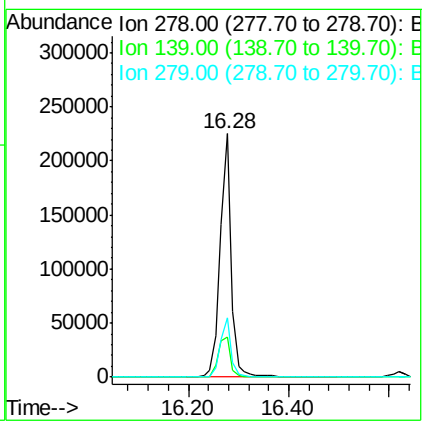


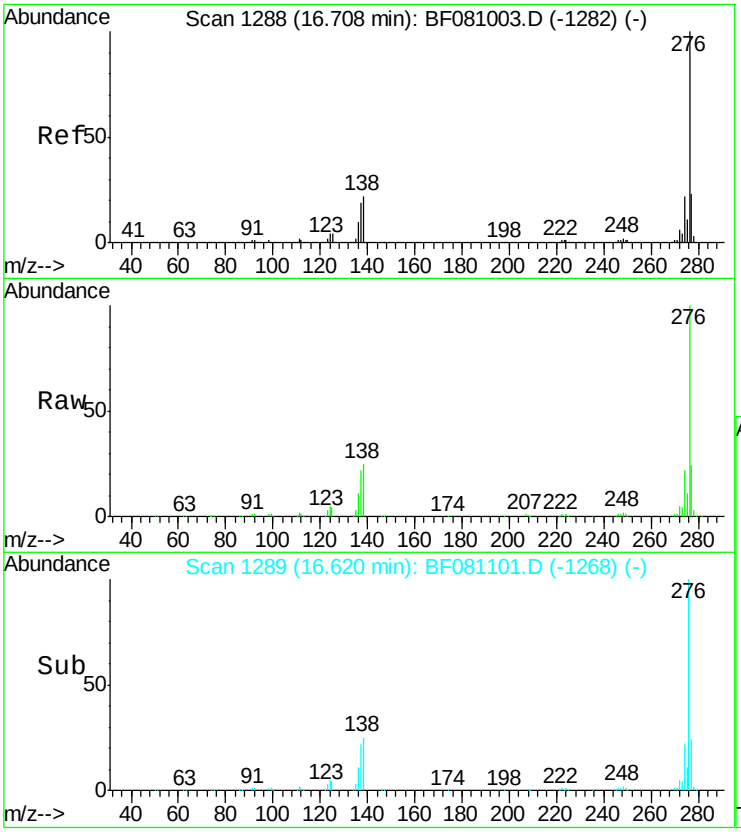




#90
Dibenzo(a,h)anthracene
Concen: 41.05 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:278 Resp: 344094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 10.8 | 16.2# |
| 279 | 24.1 | 19.0 | 28.6 |

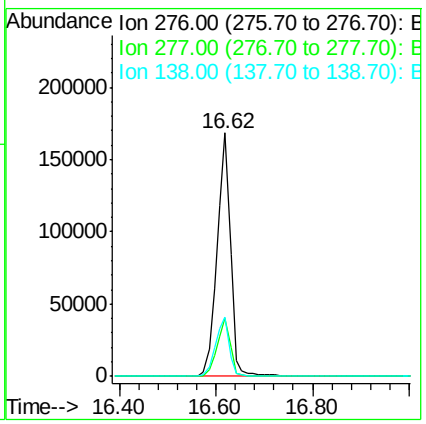





#91
Benzo(g,h,i)perylene
Concen: 38.75 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:276 Resp: 329483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.2 | 27.2 |
| 138 | 24.5 | 13.7 | 20.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
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