Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082143.D
Acq On : 9 Oct 2015 13:52
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

Quant Time: Oct 09 22:47:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 145278 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.14 | 136 | 582647 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.90 | 164 | 285765 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 542255 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.04 | 240 | 483032 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.48 | 264 | 393174 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 543709 | 67.94 | ng | | -0.02 |
| 7) Phenol-d6 | 6.49 | 99 | 725497 | 72.04 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 661149 | 75.64 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 228239 | 78.86 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.22 | 172 | 1282511 | 73.08 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.97 | 244 | 1348703 | 92.38 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.45 | 88 | 130267 | 37.43 | ng | | 88 |
| 3) Pyridine | 3.18 | 79 | 350422 | 38.67 | ng | | 85 |
| 4) n-Nitrosodimethylamine | 3.15 | 42 | 145142 | 35.27 | ng | | 96 |
| 6) Aniline | 6.53 | 93 | 488628 | 36.12 | ng | | 91 |
| 8) 2-Chlorophenol | 6.64 | 128 | 340455 | 38.52 | ng | | 97 |
| 9) Benzaldehyde | 6.40 | 77 | 195851 | 29.70 | ng | # | 81 |
| 10) Phenol | 6.50 | 94 | 389033 | 34.44 | ng | # | 51 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 341579 | 38.99 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 383278m | 36.72 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 406486m | 37.29 | ng | | |
| 14) 1,2-Dichlorobenzene | 7.03 | 146 | 367146 | 37.80 | ng | | 99 |
| 15) Benzyl Alcohol | 7.01 | 79 | 265128 | 36.47 | ng | # | 75 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 477251 | 38.54 | ng | | 78 |
| 17) 2-Methylphenol | 7.12 | 107 | 275938 | 38.51 | ng | # | 85 |
| 18) Hexachloroethane | 7.36 | 117 | 133935 | 39.25 | ng | # | 87 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 240377 | 39.27 | ng | # | 77 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 309887 | 34.24 | ng | # | 59 |
| 22) Acetophenone | 7.27 | 105 | 446158 | 37.45 | ng | # | 72 |
| 24) Nitrobenzene | 7.45 | 77 | 377281 | 39.75 | ng | # | 77 |
| 25) Isophorone | 7.69 | 82 | 685728 | 39.58 | ng | # | 93 |
| 26) 2-Nitrophenol | 7.76 | 139 | 195582 | 42.93 | ng | # | 62 |
| 27) 2,4-Dimethylphenol | 7.81 | 122 | 310213 | 38.71 | ng | # | 85 |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93 | 408179 | 39.68 | ng | # | 94 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 297539 | 38.29 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.08 | 180 | 329951 | 38.03 | ng | | 97 |
| 31) Naphthalene | 8.16 | 128 | 941655 | 36.47 | ng | | 97 |
| 32) Benzoic acid | 7.95 | 122 | 216290 | 45.56 | ng | # | 72 |
| 33) 4-Chloroaniline | 8.22 | 127 | 408352 | 36.58 | ng | # | 89 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 198988 | 38.78 | ng | | 97 |
| 35) Caprolactam | 8.62 | 113 | 85960 | 39.95 | ng | # | 80 |
| 36) 4-Chloro-3-methylphenol | 8.71 | 107 | 321655 | 42.33 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 679485 | 38.56 | ng | # | 91 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 328938 | 37.49 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.01 | 237 | 172085 | 38.09 | ng | | 97 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082143.D
Acq On : 9 Oct 2015 13:52
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

Quant Time: Oct 09 22:47:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 224069 | 37.26 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.18 | 196 | 250633m | 40.52 | ng | | |
| 45) 1,1'-Biphenyl | 9.33 | 154 | 859383 | 38.98 | ng | | 94 |
| 46) 2-Chloronaphthalene | 9.35 | 162 | 656120 | 37.90 | ng | | 94 |
| 47) 2-Nitroaniline | 9.45 | 65 | 207965 | 40.92 | ng | # | 80 |
| 48) Acenaphthylene | 9.76 | 152 | 962220 | 34.73 | ng | | 95 |
| 49) Dimethylphthalate | 9.63 | 163 | 803067 | 40.71 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 161613 | 37.74 | ng | # | 55 |
| 51) Acenaphthene | 9.93 | 154 | 631881 | 38.41 | ng | | 90 |
| 52) 3-Nitroaniline | 9.86 | 138 | 187023 | 37.75 | ng | # | 60 |
| 53) 2,4-Dinitrophenol | 9.98 | 184 | 98269 | 58.15 | ng | # | 83 |
| 54) Dibenzofuran | 10.10 | 168 | 808324 | 34.76 | ng | # | 83 |
| 55) 4-Nitrophenol | 10.03 | 139 | 123408 | 34.47 | ng | # | 73 |
| 56) 2,4-Dinitrotoluene | 10.10 | 165 | 227529 | 41.68 | ng | # | 88 |
| 57) Fluorene | 10.45 | 166 | 652525 | 38.95 | ng | | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 208438 | 42.49 | ng | | 92 |
| 59) Diethylphthalate | 10.33 | 149 | 787743 | 42.75 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204 | 333414 | 39.17 | ng | | 97 |
| 61) 4-Nitroaniline | 10.49 | 138 | 195799 | 39.41 | ng | # | 52 |
| 62) Azobenzene | 10.61 | 77 | 731397 | 40.67 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 131340 | 52.28 | ng | # | 60 |
| 65) n-Nitrosodiphenylamine | 10.57 | 169 | 645245 | 39.33 | ng | | 92 |
| 66) 4-Bromophenyl-phenylether | 10.94 | 248 | 225904 | 41.32 | ng | # | 86 |
| 67) Hexachlorobenzene | 10.99 | 284 | 229622 | 37.21 | ng | # | 87 |
| 68) Atrazine | 11.10 | 200 | 220651 | 43.35 | ng | | 84 |
| 69) Pentachlorophenol | 11.19 | 266 | 138174 | 39.30 | ng | | 97 |
| 70) Phenanthrene | 11.42 | 178 | 1062649 | 40.56 | ng | | 96 |
| 71) Anthracene | 11.46 | 178 | 1047946 | 38.02 | ng | | 96 |
| 72) Carbazole | 11.62 | 167 | 958152 | 38.41 | ng | | 94 |
| 73) Di-n-butylphthalate | 11.94 | 149 | 1192575 | 47.00 | ng | # | 97 |
| 74) Fluoranthene | 12.61 | 202 | 1087023 | 37.42 | ng | | 86 |
| 76) Benzidine | 12.73 | 184 | 576379 | 39.60 | ng | # | 98 |
| 77) Pyrene | 12.84 | 202 | 1145850 | 39.71 | ng | | 96 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 529297 | 48.75 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 1001368 | 38.50 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 13.99 | 252 | 363158 | 41.34 | ng | # | 95 |
| 82) Chrysene | 14.06 | 228 | 865831 | 33.97 | ng | | 94 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 698053 | 51.25 | ng | | 96 |
| 84) Di-n-octyl phthalate | 14.62 | 149 | 1167631 | 52.68 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 16.90 | 276 | 771562 | 37.92 | ng | # | 87 |
| 87) Benzo(b)fluoranthene | 15.05 | 252 | 940130 | 41.88 | ng | # | 88 |
| 88) Benzo(k)fluoranthene | 15.09 | 252 | 735292m | 35.74 | ng | | |
| 89) Benzo(a)pyrene | 15.42 | 252 | 778465 | 39.98 | ng | # | 85 |
| 90) Dibenzo(a,h)anthracene | 16.92 | 278 | 642784 | 39.34 | ng | # | 81 |
| 91) Benzo(g,h,i)perylene | 17.33 | 276 | 614739 | 36.72 | ng | # | 77 |

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

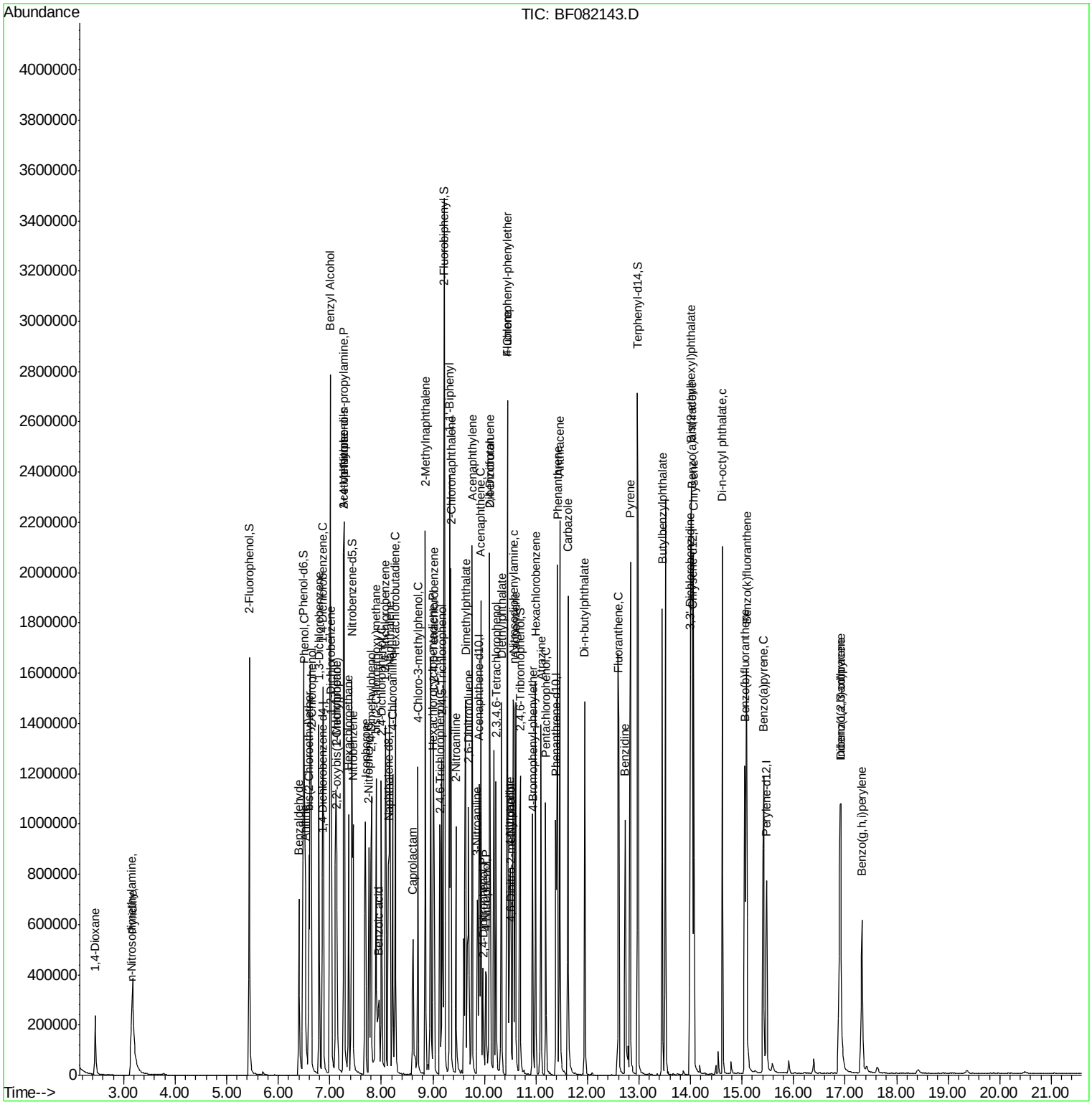
Quantitation Report (QT Reviewed)

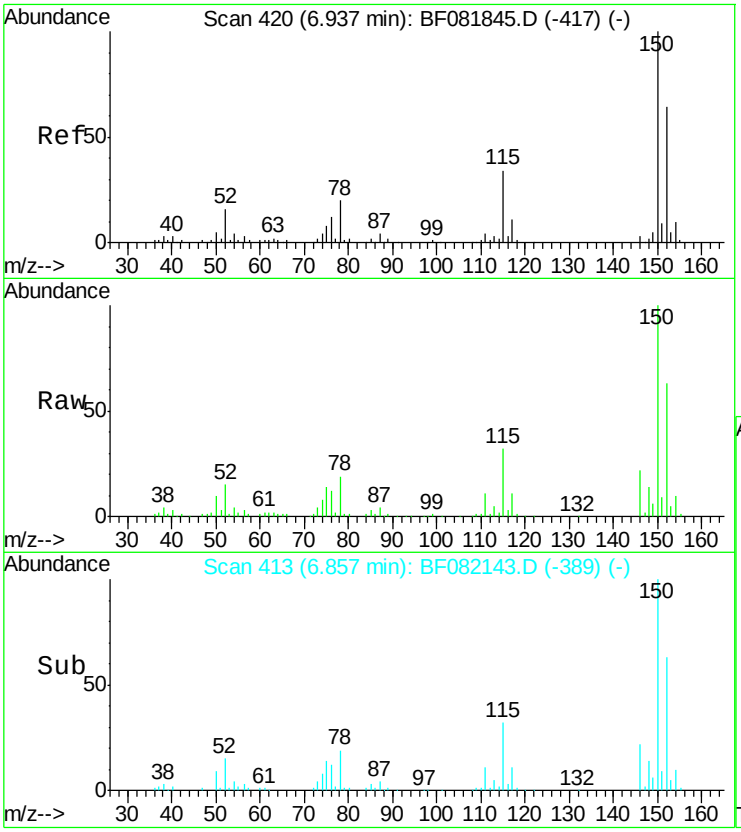
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082143.D
Acq On : 9 Oct 2015 13:52
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 09 22:47:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

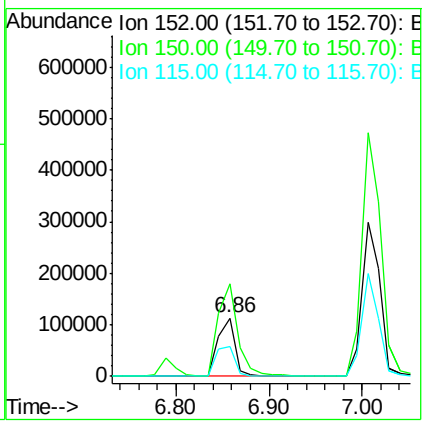





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

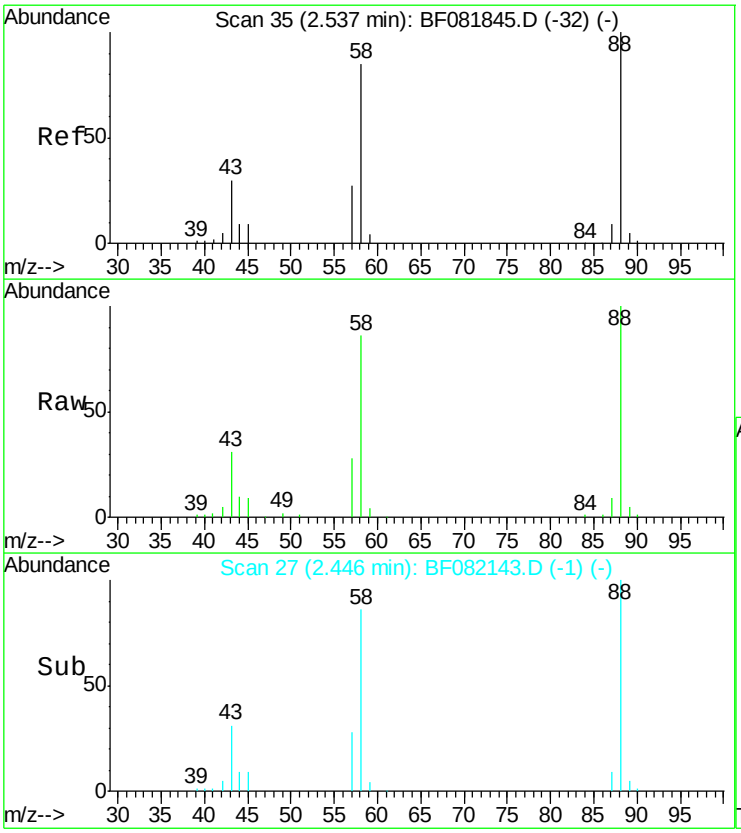
Tgt Ion:152 Resp: 145278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.1 | 124.7 | 187.1 |
| 115 | 51.6 | 39.0 | 58.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

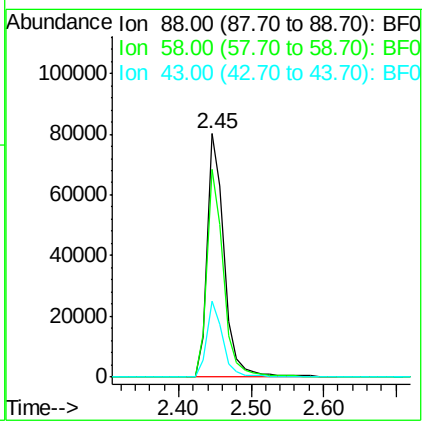
**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

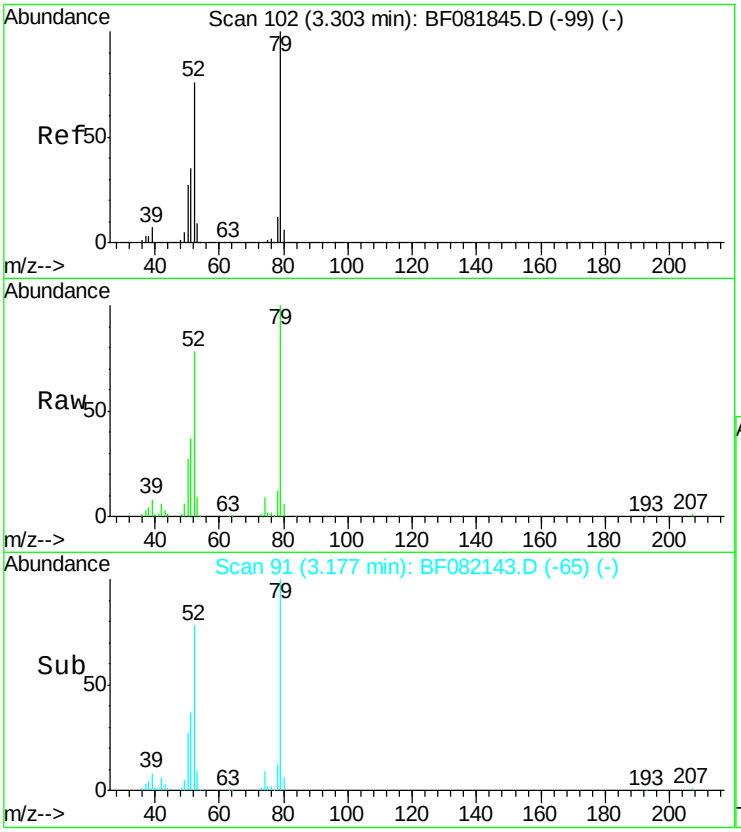



#2
1,4-Dioxane
Concen: 37.43 ng
RT: 2.45 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 88 Resp: 130267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.3 | 77.7 | 116.5 |
| 43 | 29.5 | 26.6 | 40.0 |

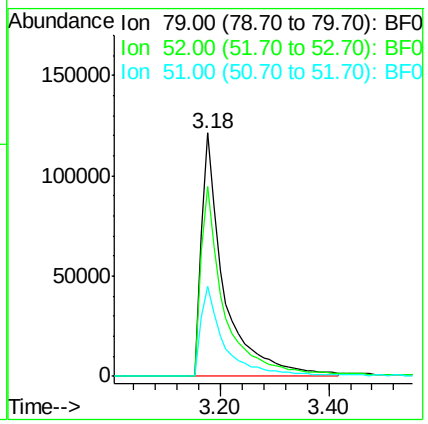





#3
Pyridine
Concen: 38.67 ng
RT: 3.18 min Scan# 91
Delta R.T. 0.00 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

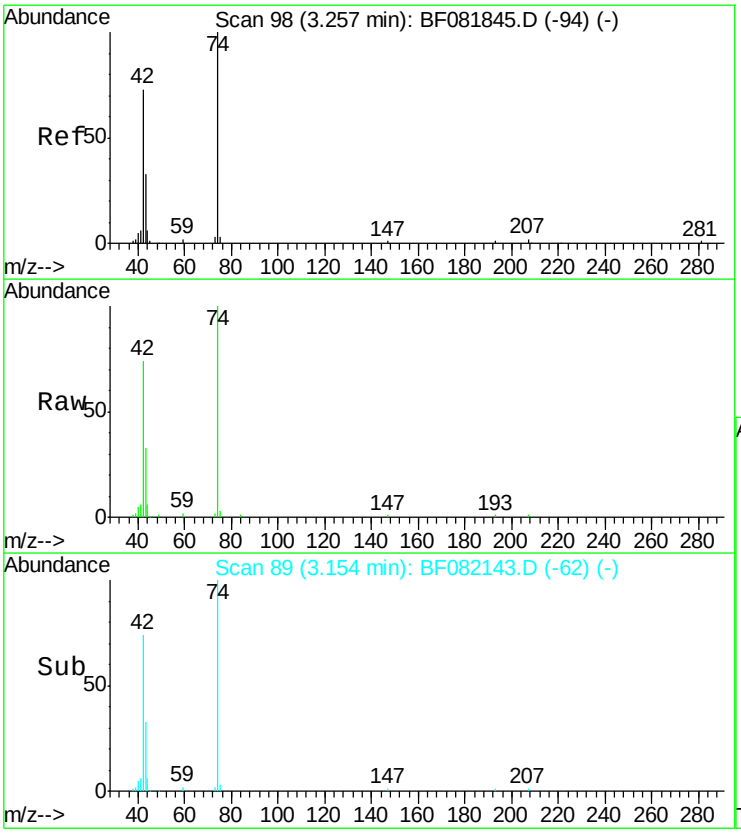
Tgt Ion: 79 Resp: 350422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 77.9 | 76.8 | 115.2 |
| 51 | 37.1 | 32.2 | 48.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

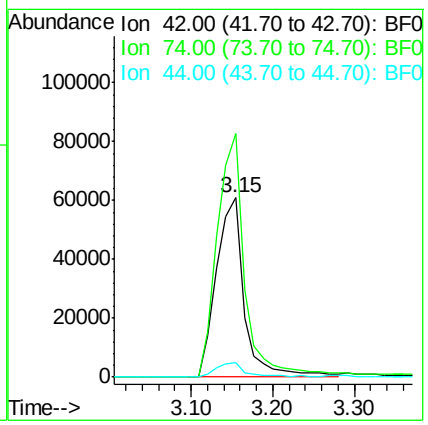
**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

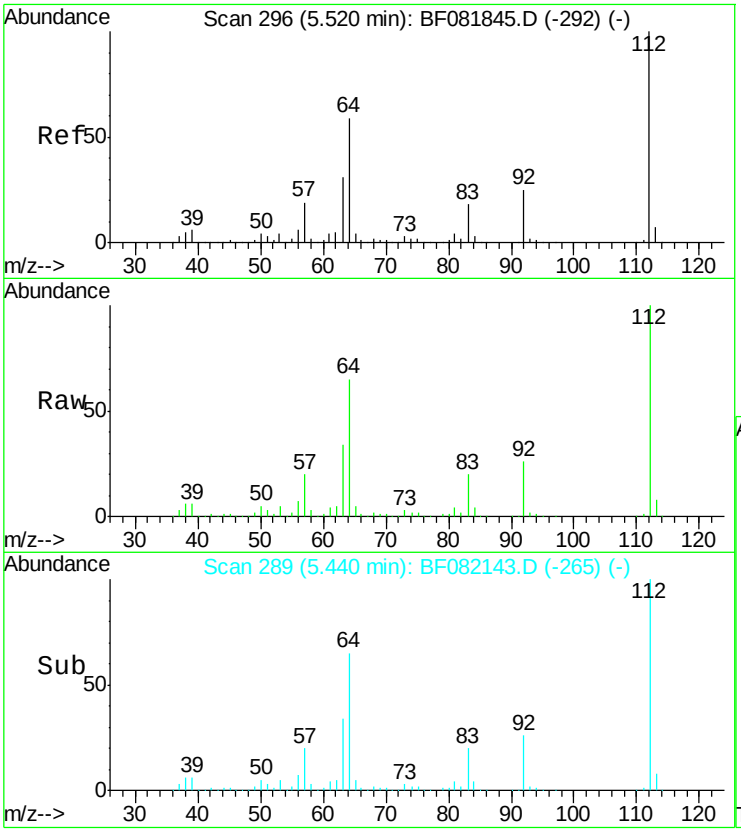



#4
n-Nitrosodimethylamine
Concen: 35.27 ng
RT: 3.15 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 42 Resp: 145142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 135.7 | 105.0 | 157.6 |
| 44 | 8.1 | 6.6 | 10.0 |





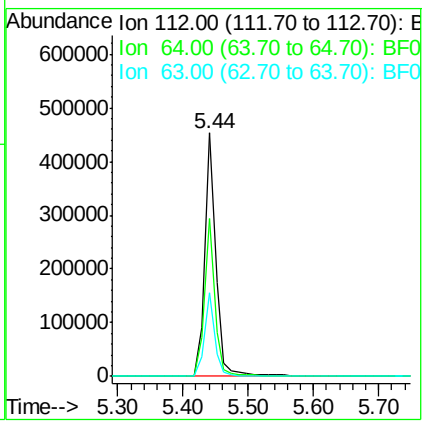

#5
2-Fluorophenol
Concen: 67.94 ng
RT: 5.44 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

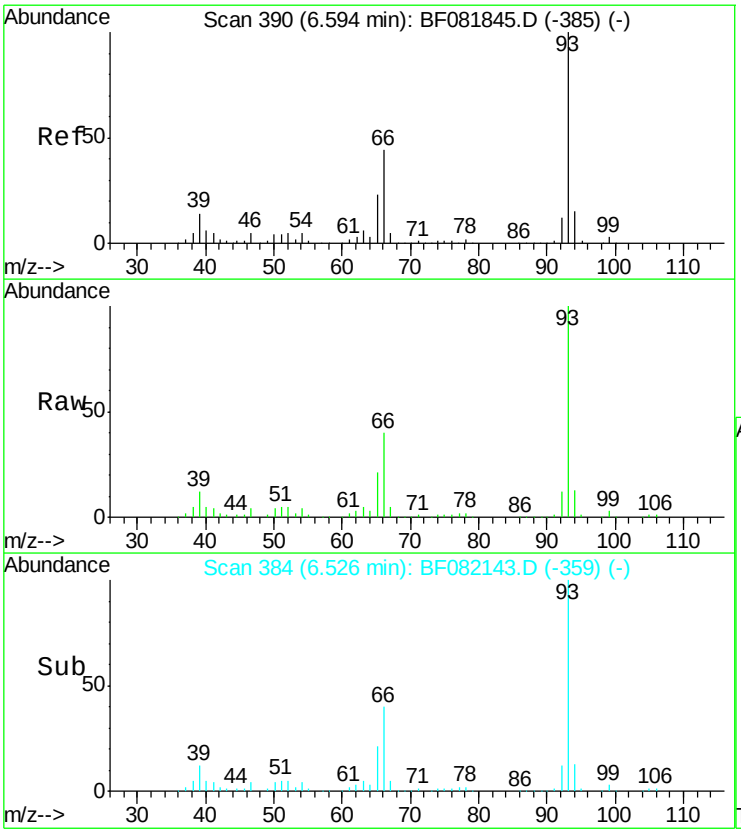
Tgt Ion:112 Resp: 543709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.0 | 39.7 | 59.5# |
| 63 | 34.4 | 17.4 | 26.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

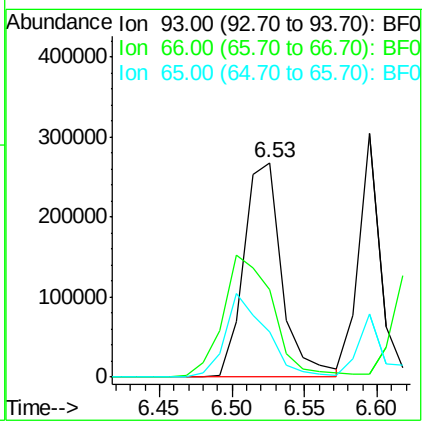


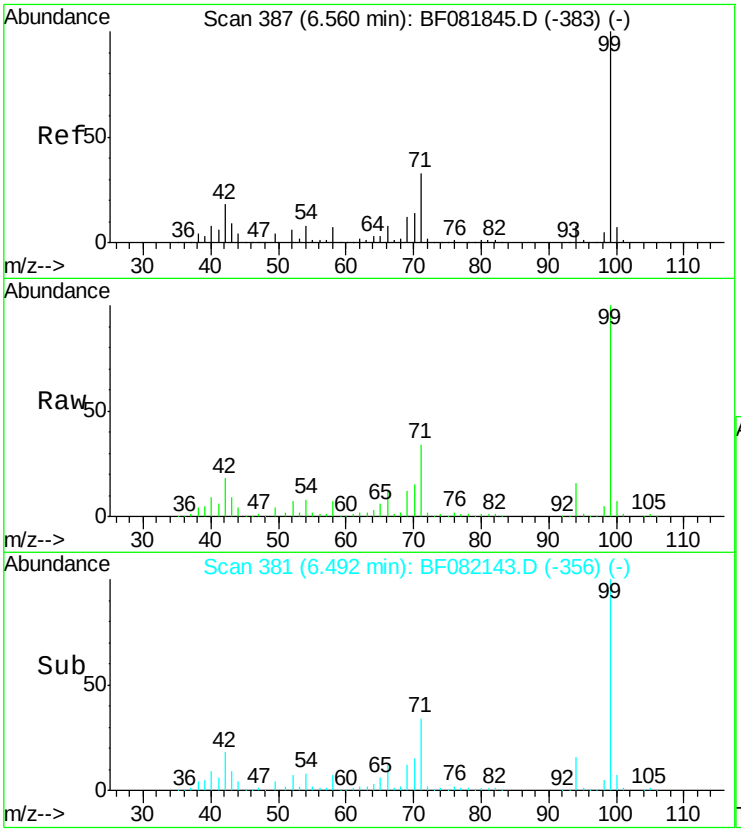




#6
Aniline
Concen: 36.12 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 93 Resp: 488628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.5 | 27.2 | 40.8 |
| 65 | 20.8 | 14.7 | 22.1 |





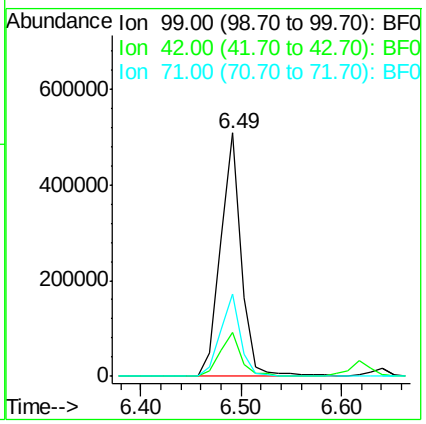

#7
Phenol-d6
Concen: 72.04 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

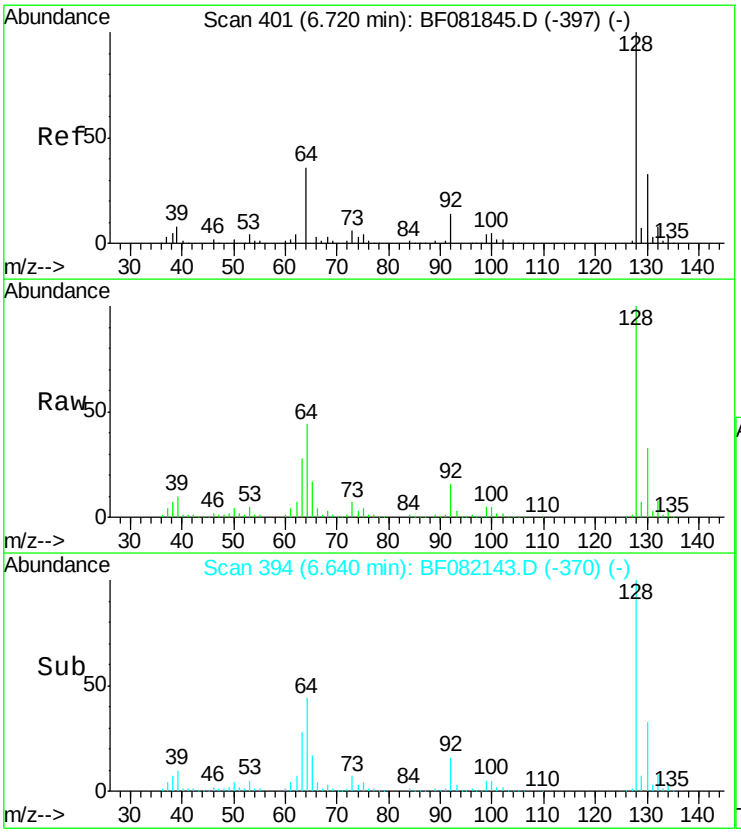
Tgt Ion: 99 Resp: 725497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 13.7 | 20.5 |
| 71 | 33.9 | 14.2 | 21.2# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

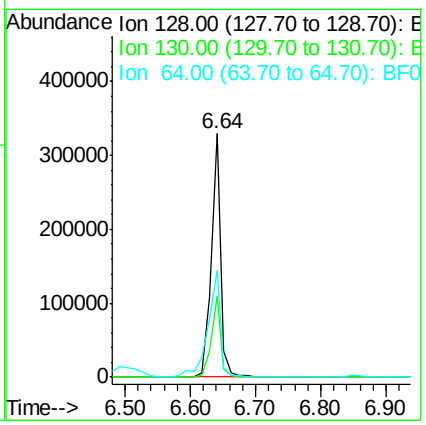


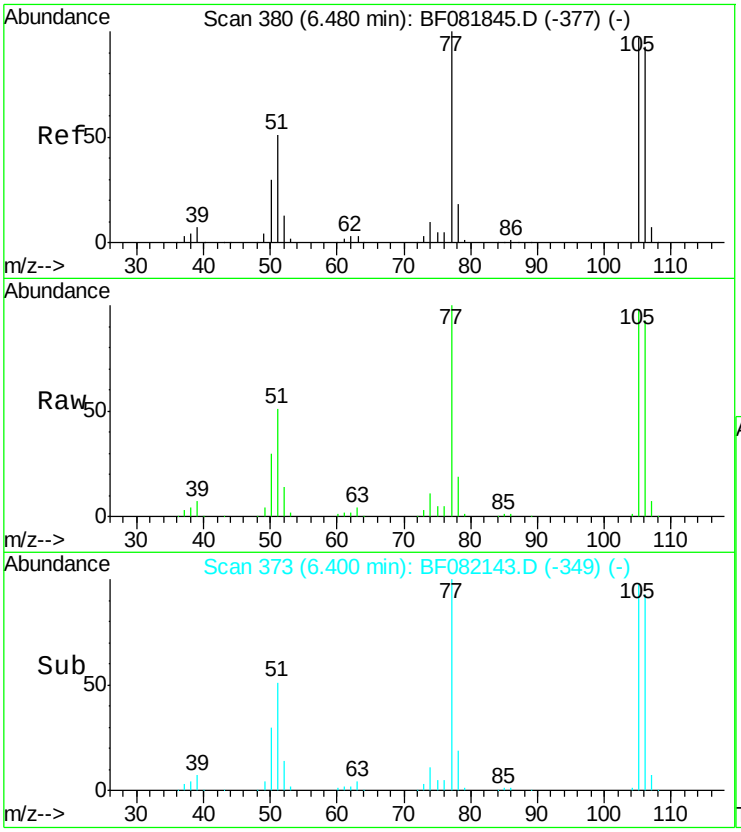




#8
2-Chlorophenol
Concen: 38.52 ng
RT: 6.64 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:128 Resp: 340455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 12.2 | 52.2 |
| 64 | 43.6 | 20.5 | 60.5 |

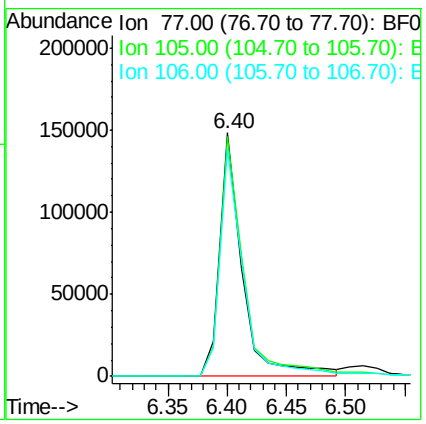





#9
Benzaldehyde
Concen: 29.70 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

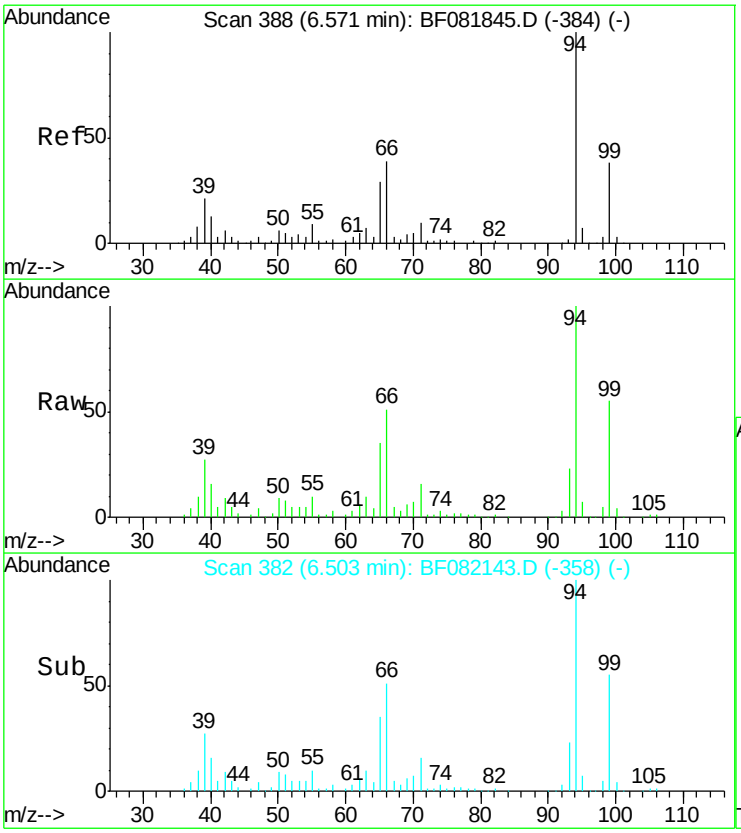
Tgt Ion: 77 Resp: 195851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.4 | 91.6 | 131.6 |
| 106 | 93.4 | 102.6 | 142.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

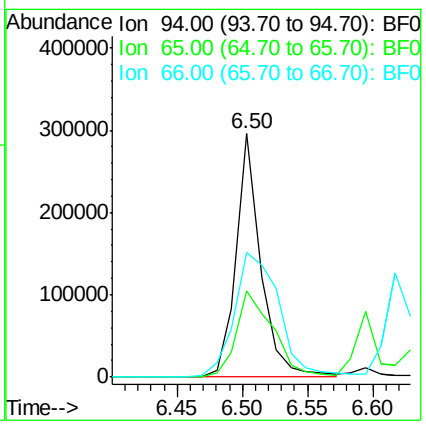
**Manual Integrations APPROVED**
MMDadoda
10/12/2015 2:43:08 PM

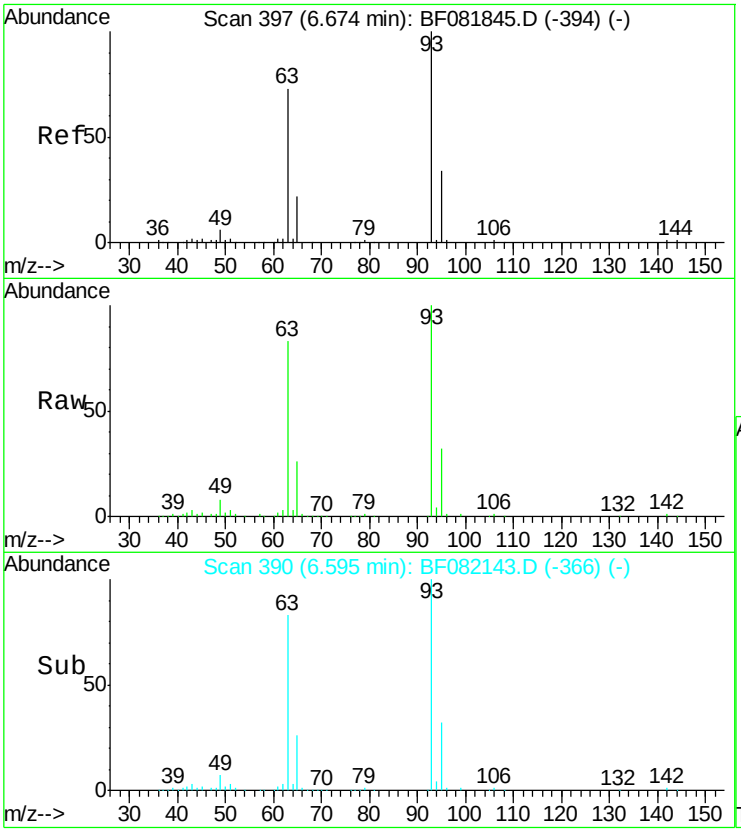



#10
Phenol
Concen: 34.44 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 94 Resp: 389033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.5 | 0.7 | 40.7 |
| 66 | 51.3 | 0.8 | 40.8# |

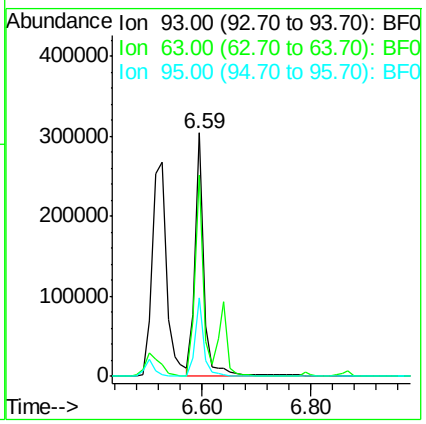





#11
bis(2-Chloroethyl)ether
Concen: 38.99 ng
RT: 6.59 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 93 Resp: 341579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.8 | 65.6 | 105.6 |
| 95 | 32.5 | 13.6 | 53.6 |




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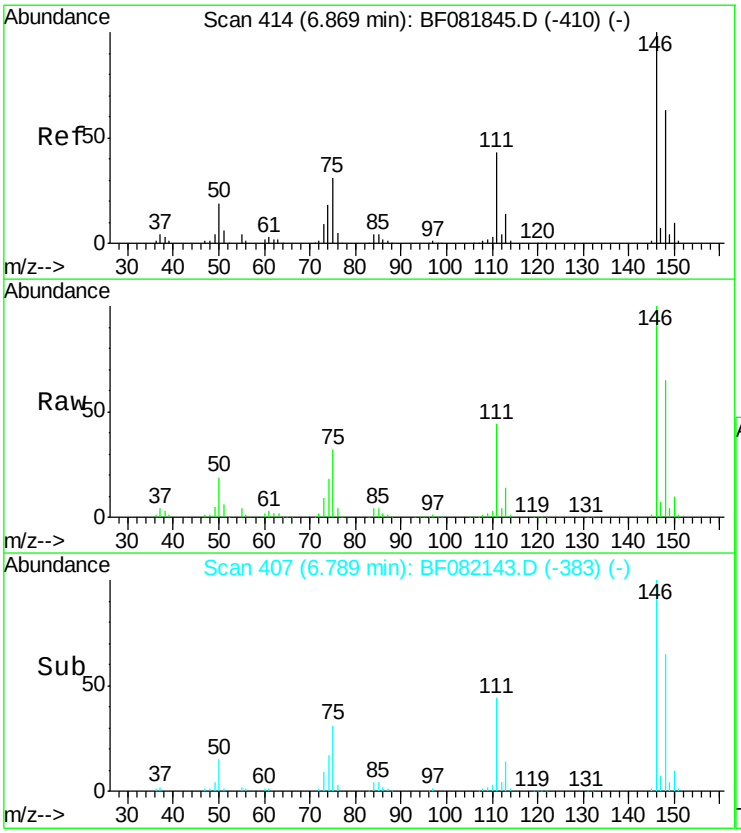
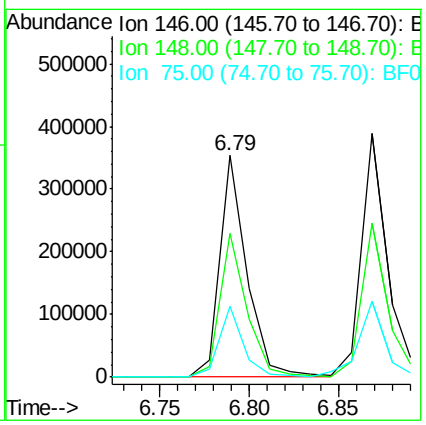
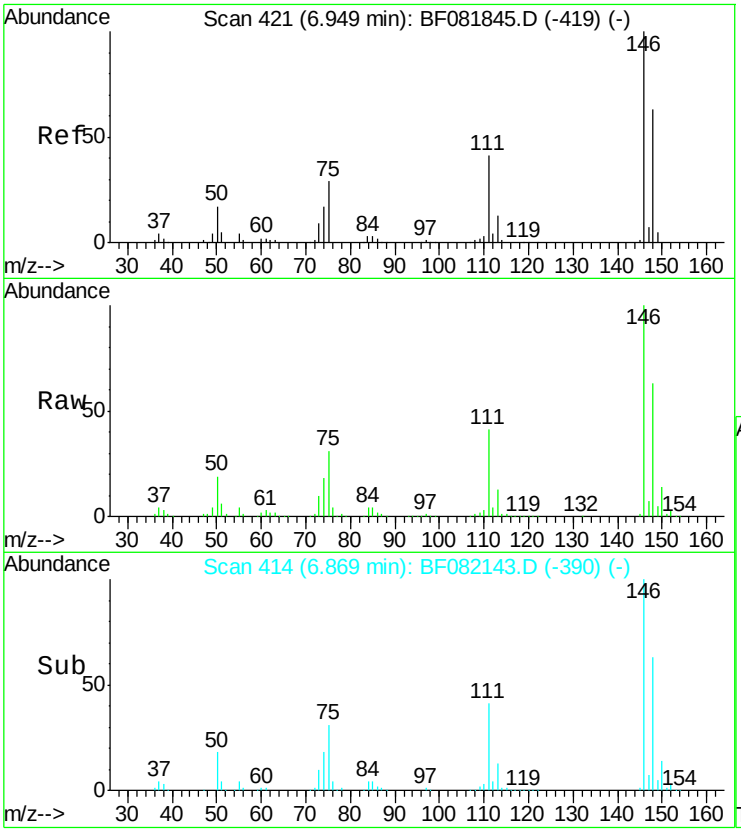



#12
1,3-Dichlorobenzene
Concen: 36.72 ng m
RT: 6.79 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:146 Resp: 383278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.0 | 76.4 |
| 75 | 32.0 | 15.0 | 22.6# |

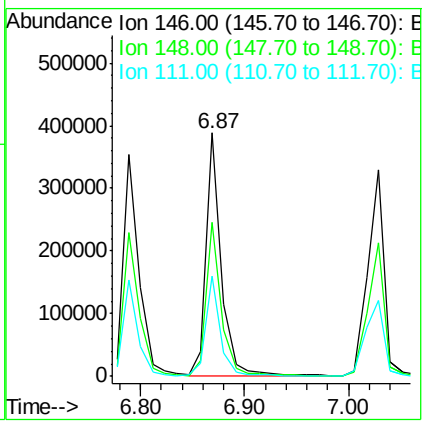





#13
1,4-Dichlorobenzene
Concen: 37.29 ng m
RT: 6.87 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:146 Resp: 406486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 51.8 | 77.6 |
| 111 | 41.3 | 24.9 | 37.3# |




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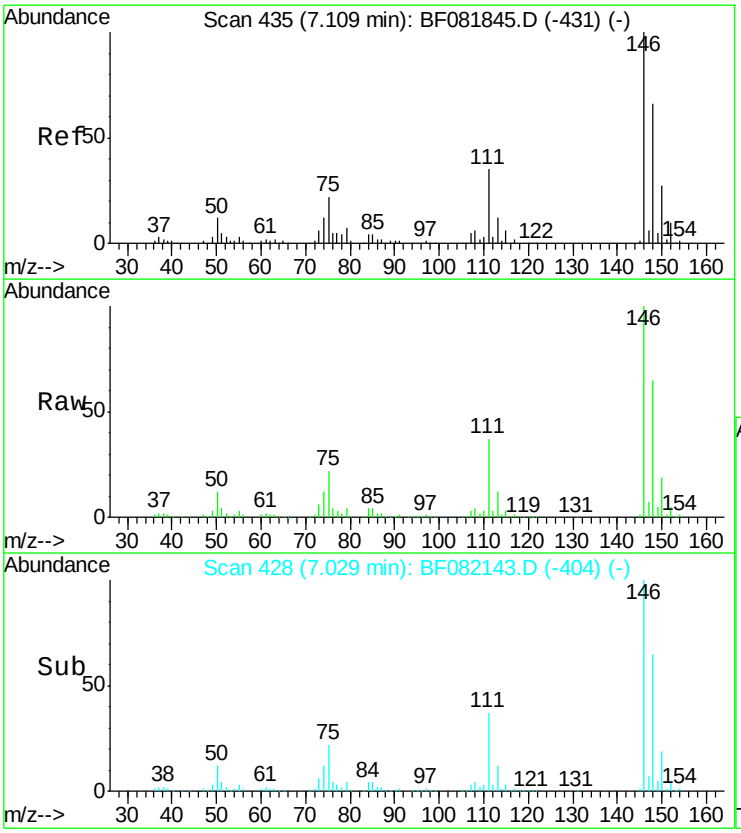
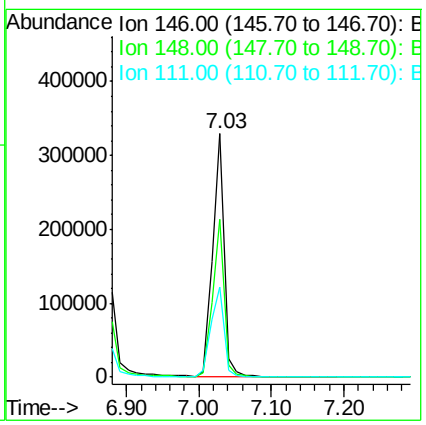
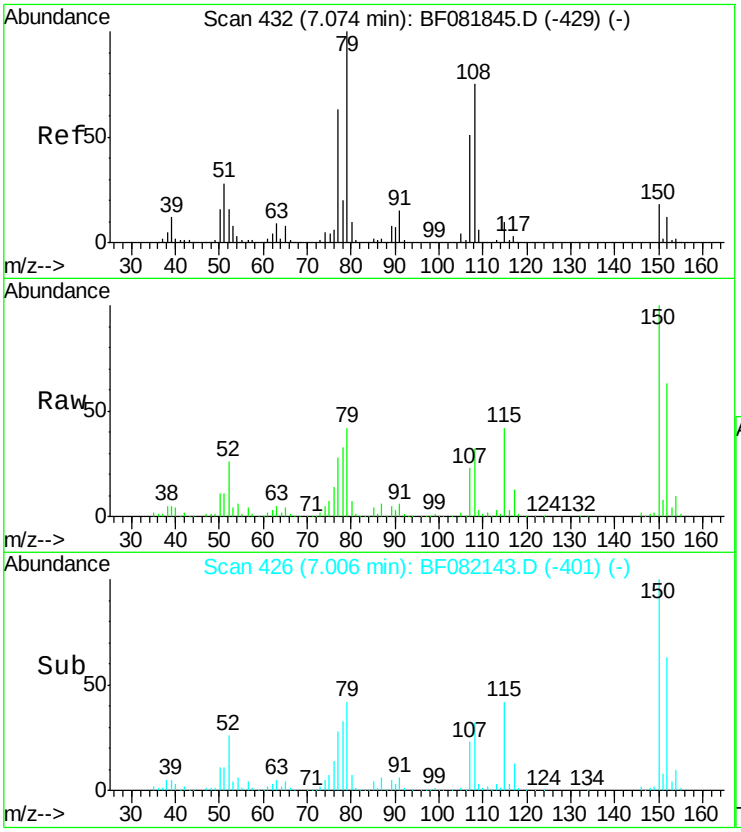



#14
1,2-Dichlorobenzene
Concen: 37.80 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:146 Resp: 367146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 52.7 | 79.1 |
| 111 | 36.9 | 28.8 | 43.2 |






#15
Benzyl Alcohol
Concen: 36.47 ng
RT: 7.01 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 79 Resp: 265128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.7 | 88.6 | 132.8# |
| 77 | 65.4 | 47.0 | 70.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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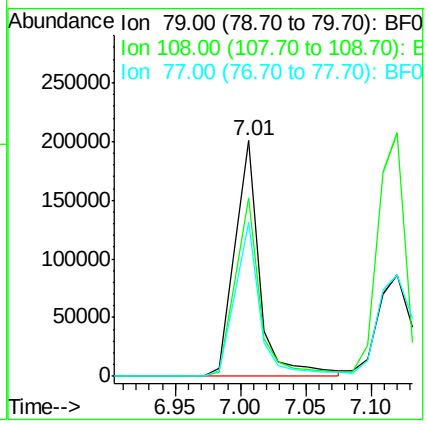
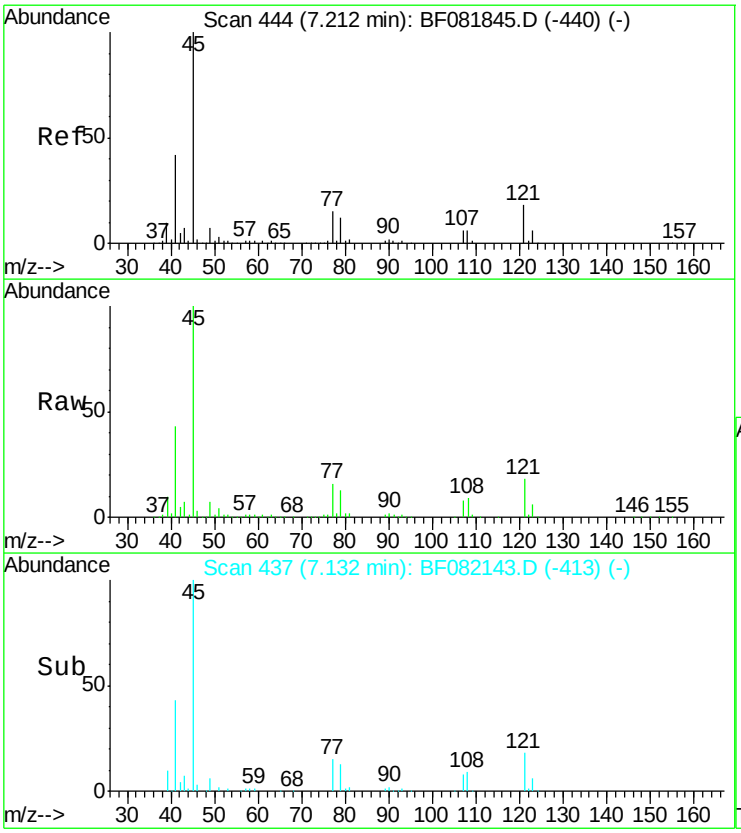
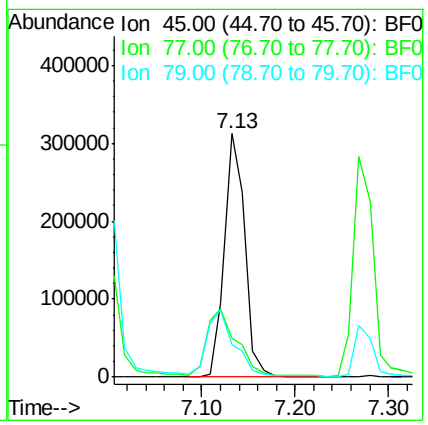


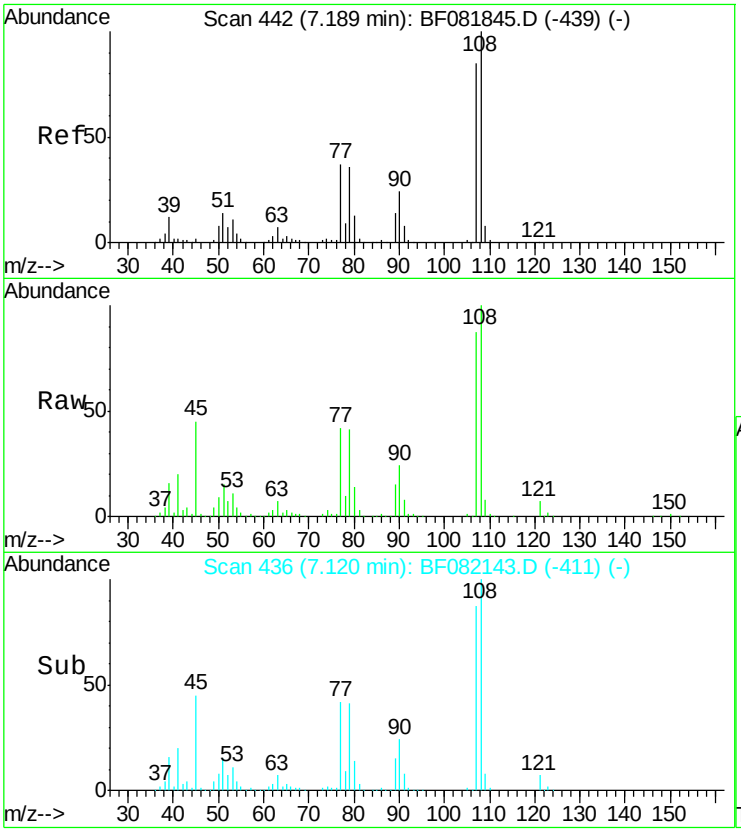




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.54 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 45 Resp: 477251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.9 | 0.0 | 28.1 |
| 79 | 13.4 | 0.0 | 26.0 |

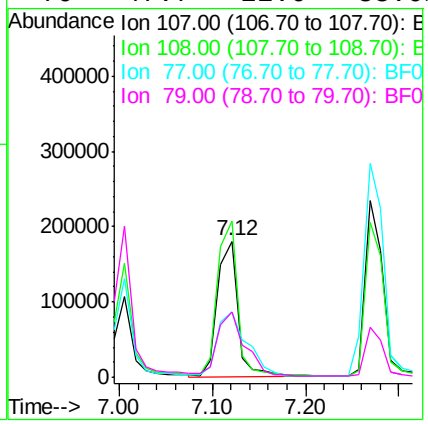





#17
2-Methylphenol
Concen: 38.51 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:107 Resp: 275938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.0 | 96.6 | 145.0 |
| 77 | 48.2 | 23.3 | 34.9# |
| 79 | 47.7 | 22.0 | 33.0# |




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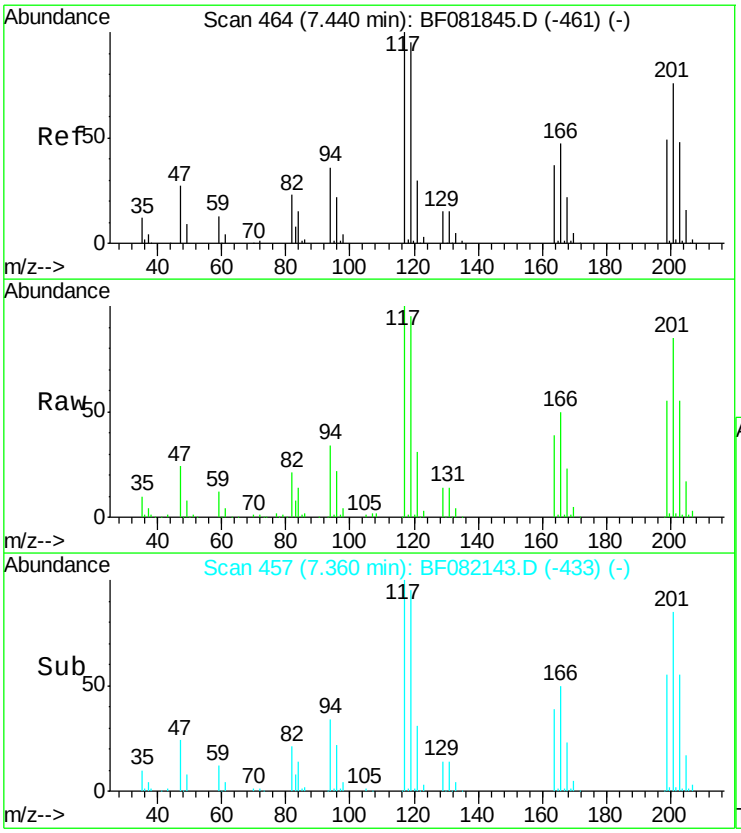
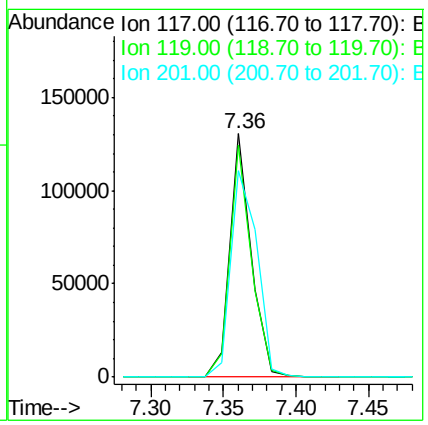
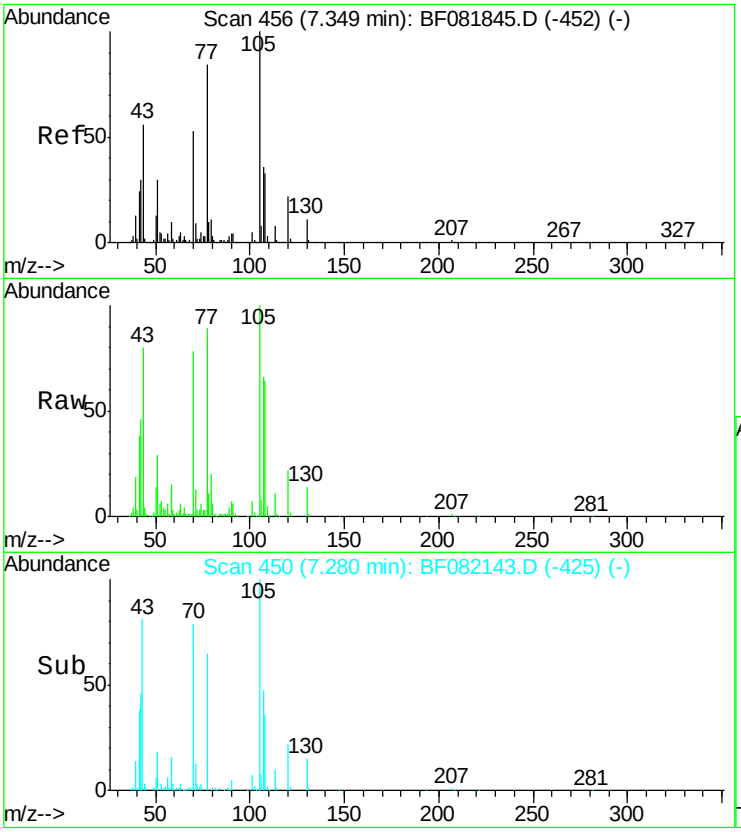



#18
Hexachloroethane
Concen: 39.25 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:117 Resp: 133935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 83.8 | 125.6 |
| 201 | 84.9 | 55.1 | 82.7# |

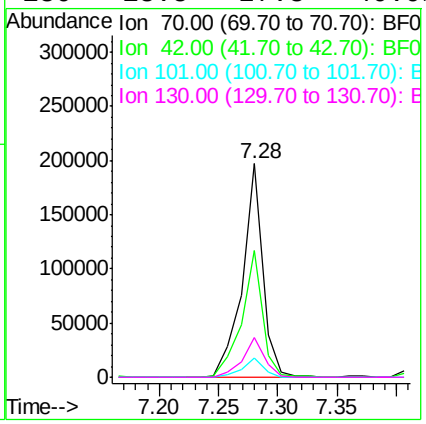





#19
n-Nitroso-di-n-propylamine
Concen: 39.27 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 70 Resp: 240377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.3 | 63.8 | 95.6# |
| 101 | 9.1 | 9.2 | 13.8# |
| 130 | 18.5 | 27.3 | 40.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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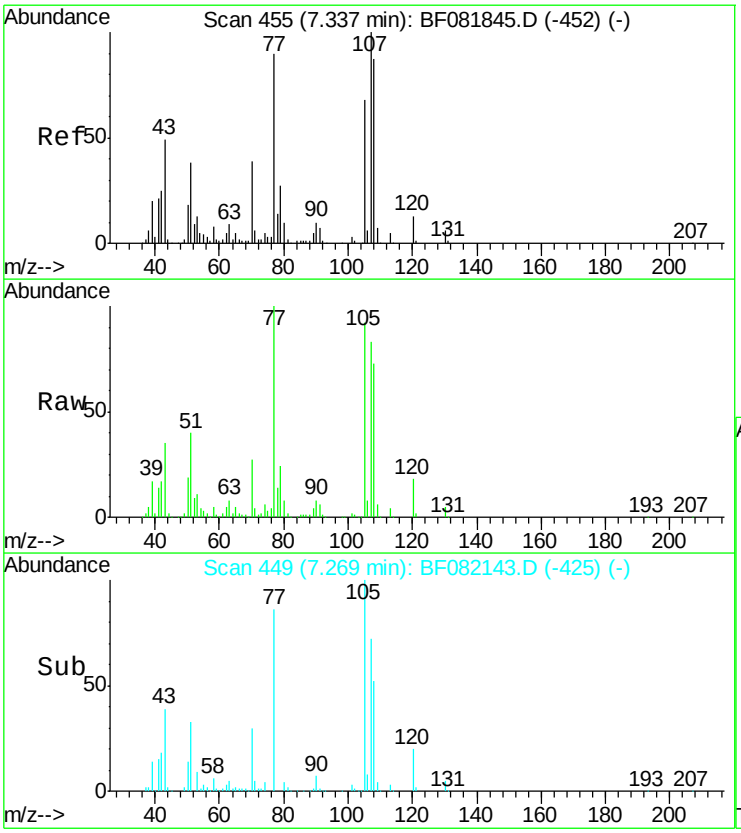
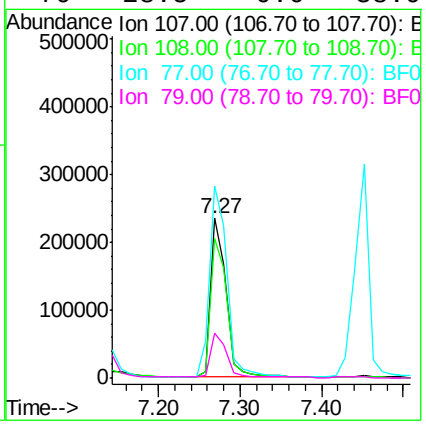
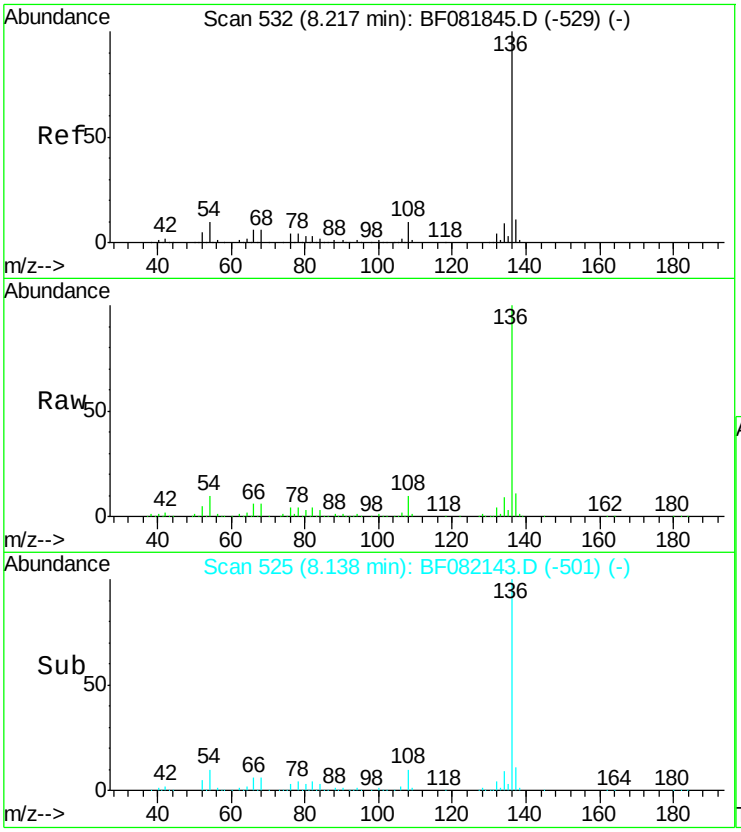



#20
3+4-Methylphenols
Concen: 34.24 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:107 Resp: 309887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.7 | 74.6 | 114.6 |
| 77 | 120.6 | 0.7 | 40.7# |
| 79 | 28.5 | 0.0 | 38.9 |

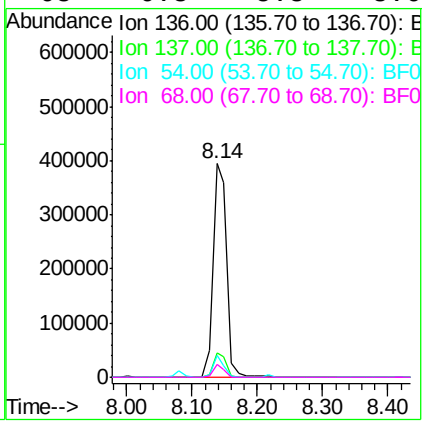





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:136 Resp: 582647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.0 | 13.6 |
| 54 | 10.1 | 8.2 | 12.2 |
| 68 | 6.3 | 5.8 | 8.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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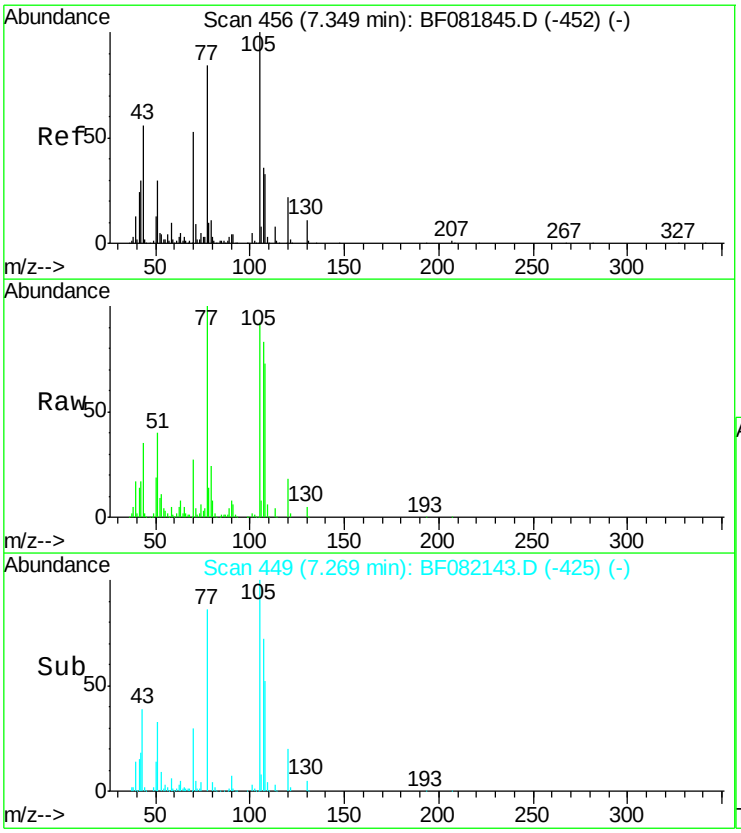
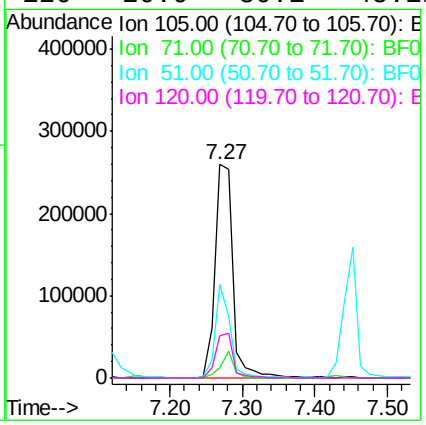
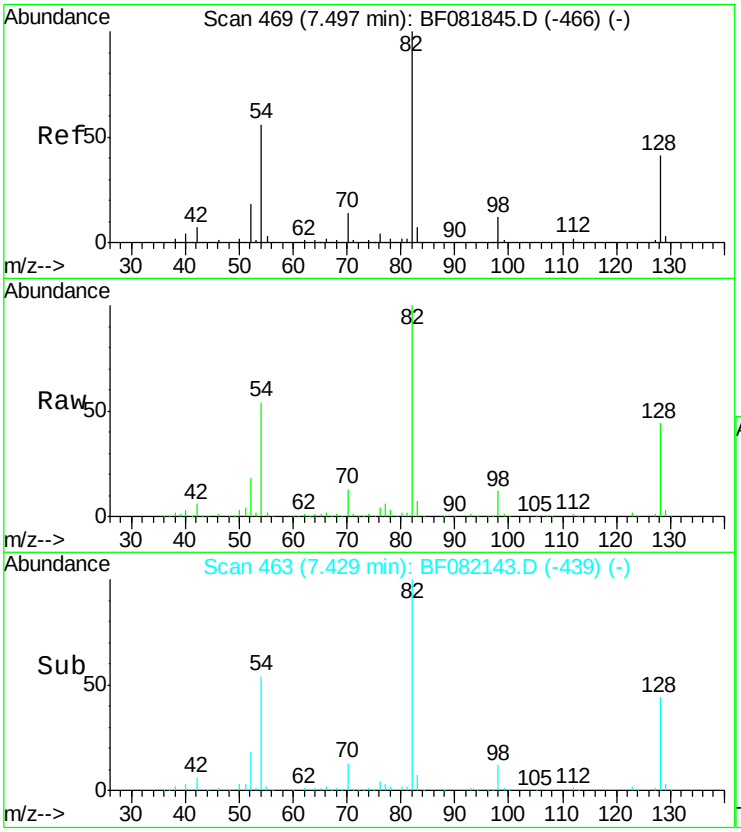



#22
Acetophenone
Concen: 37.45 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:105 Resp: 446158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 4.7 | 7.1 |
| 51 | 44.0 | 22.0 | 33.0# |
| 120 | 20.0 | 30.1 | 45.1# |

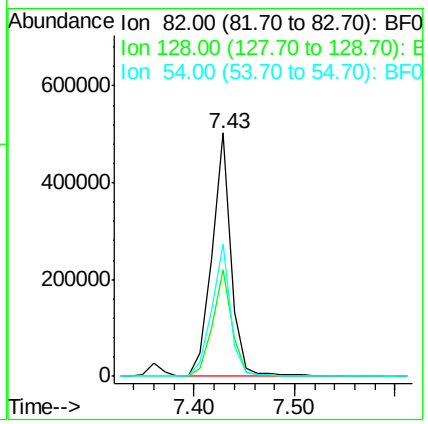





#23
Nitrobenzene-d5
Concen: 75.64 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 82 Resp: 661149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 51.0 | 76.6# |
| 54 | 54.2 | 47.5 | 71.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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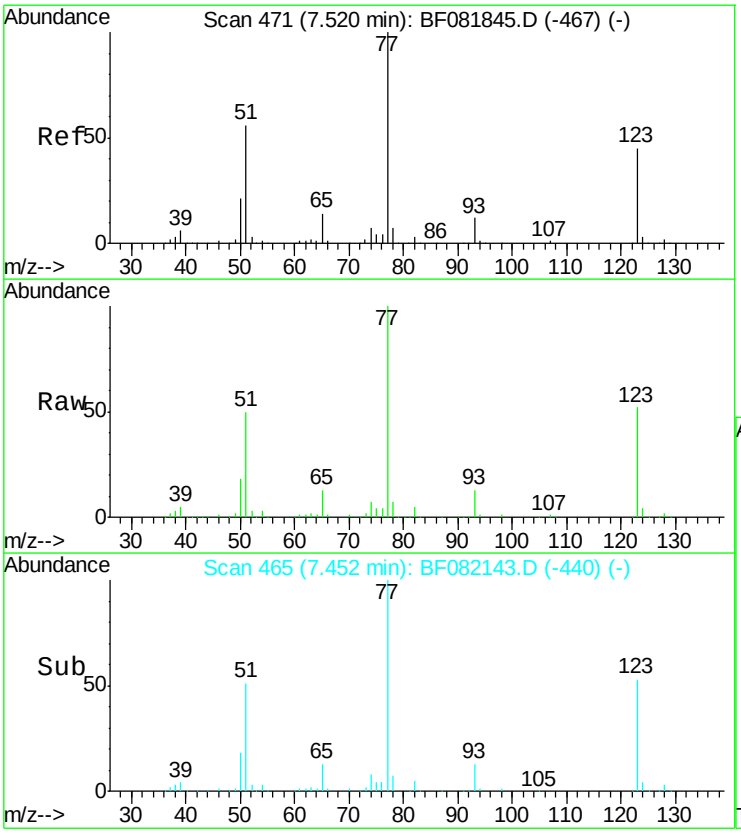
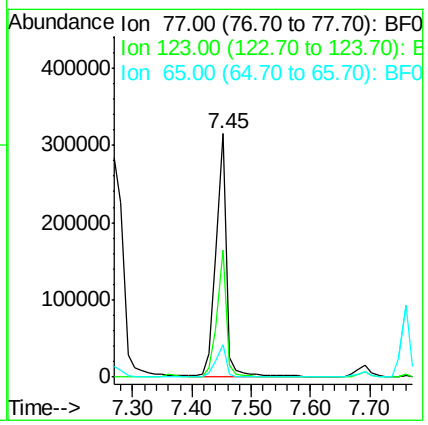
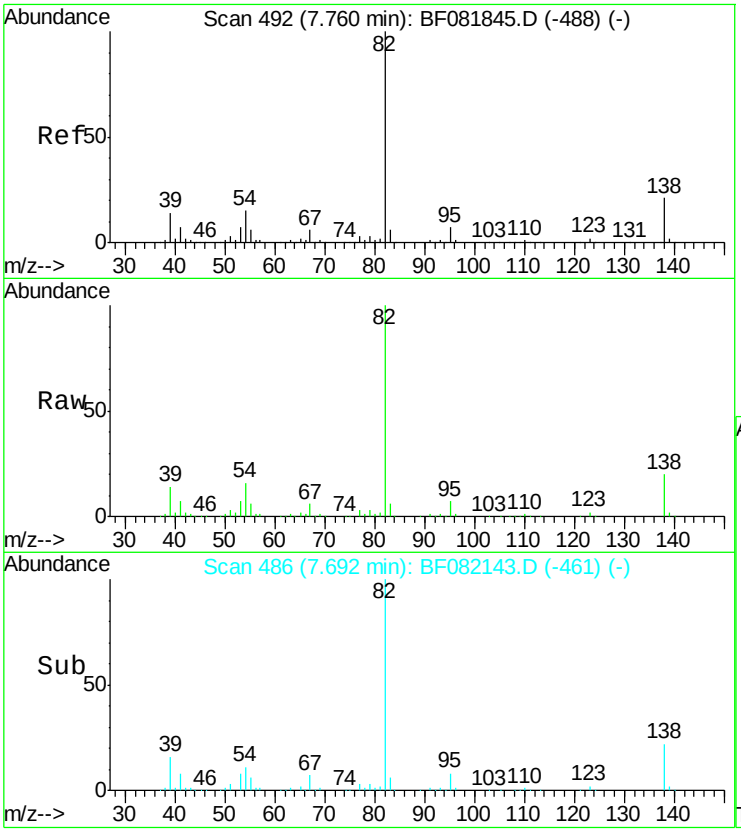



#24
Nitrobenzene
Concen: 39.75 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 77 Resp: 377281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.3 | 59.8 | 89.8# |
| 65 | 13.1 | 10.2 | 15.4 |

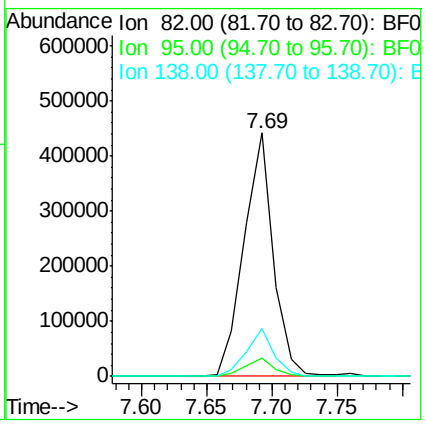





#25
Isophorone
Concen: 39.58 ng
RT: 7.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 82 Resp: 685728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 4.0 | 6.0# |
| 138 | 19.5 | 18.3 | 27.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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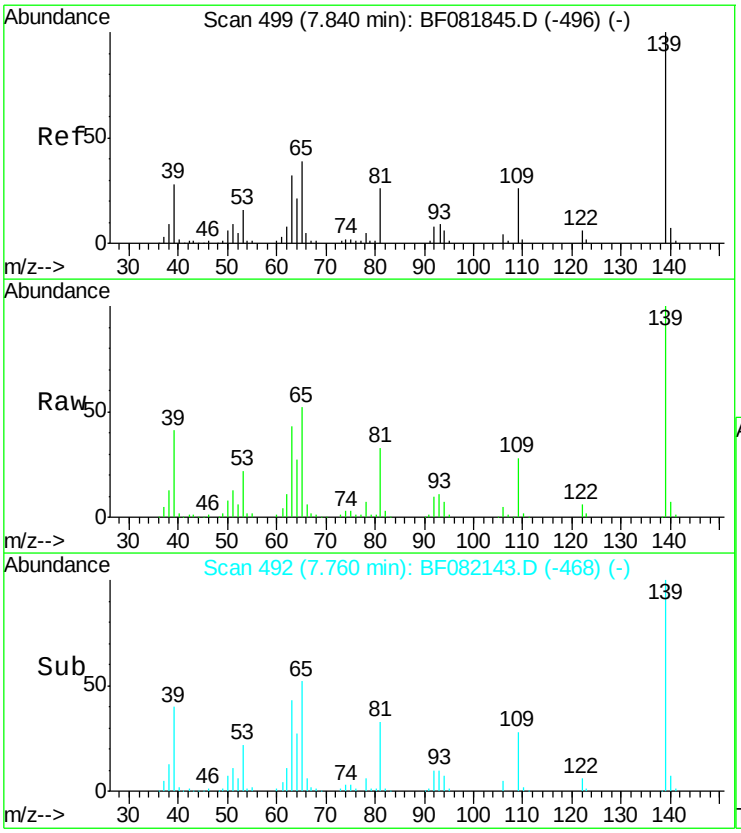
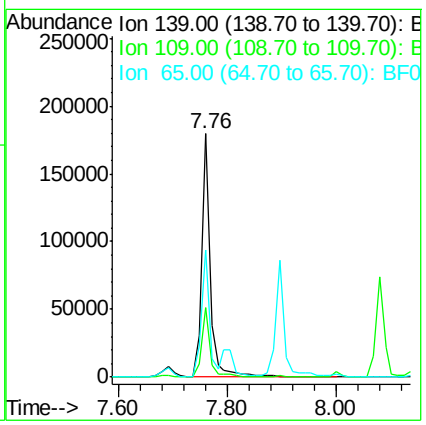
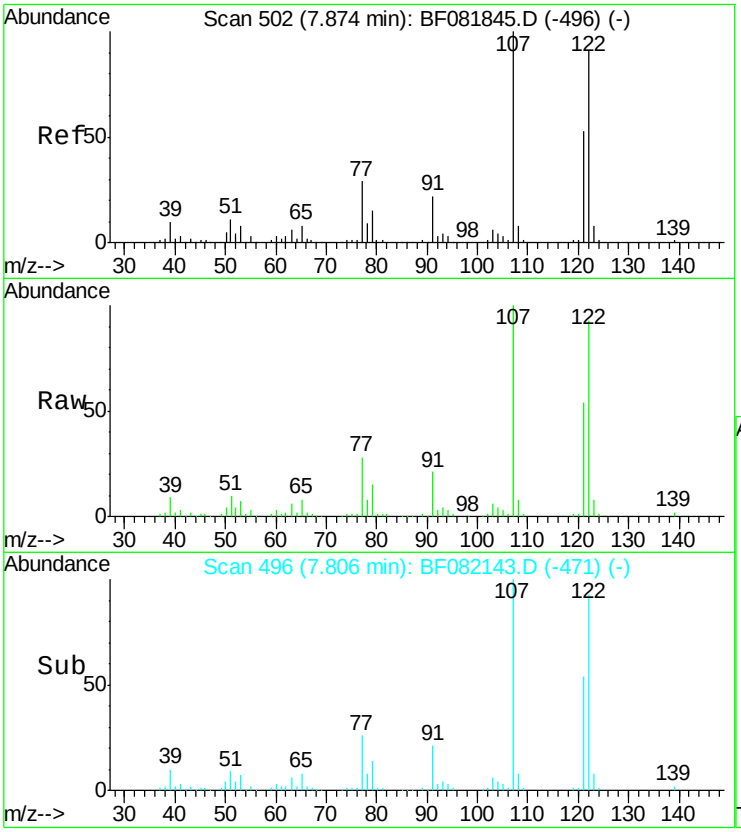



#26
2-Nitrophenol
Concen: 42.93 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:139 Resp: 195582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.4 | 11.0 | 16.4# |
| 65 | 52.0 | 24.7 | 37.1# |

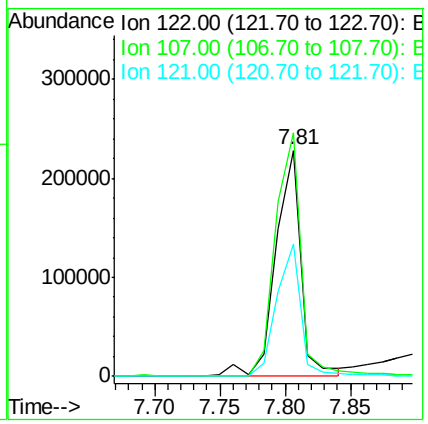





#27
2,4-Dimethylphenol
Concen: 38.71 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:122 Resp: 310213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.8 | 71.8 | 107.6# |
| 121 | 58.3 | 42.3 | 63.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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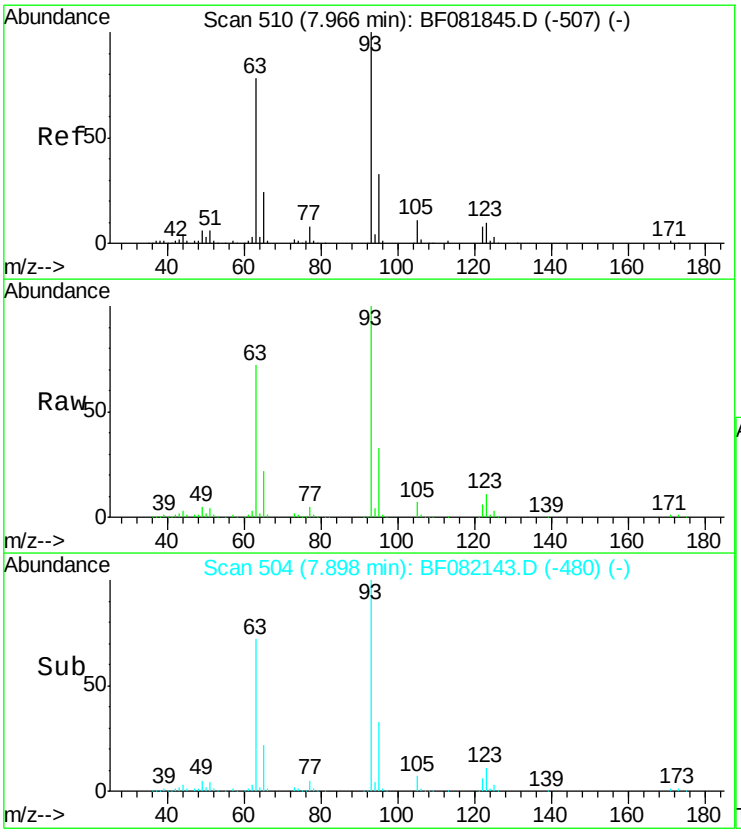
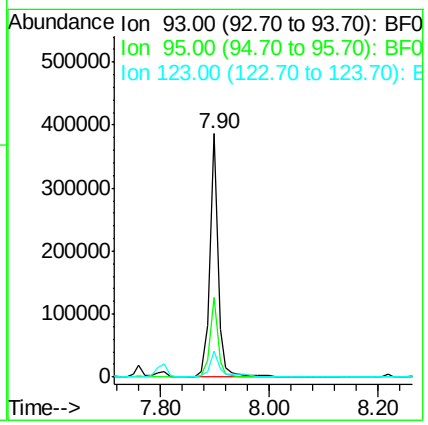
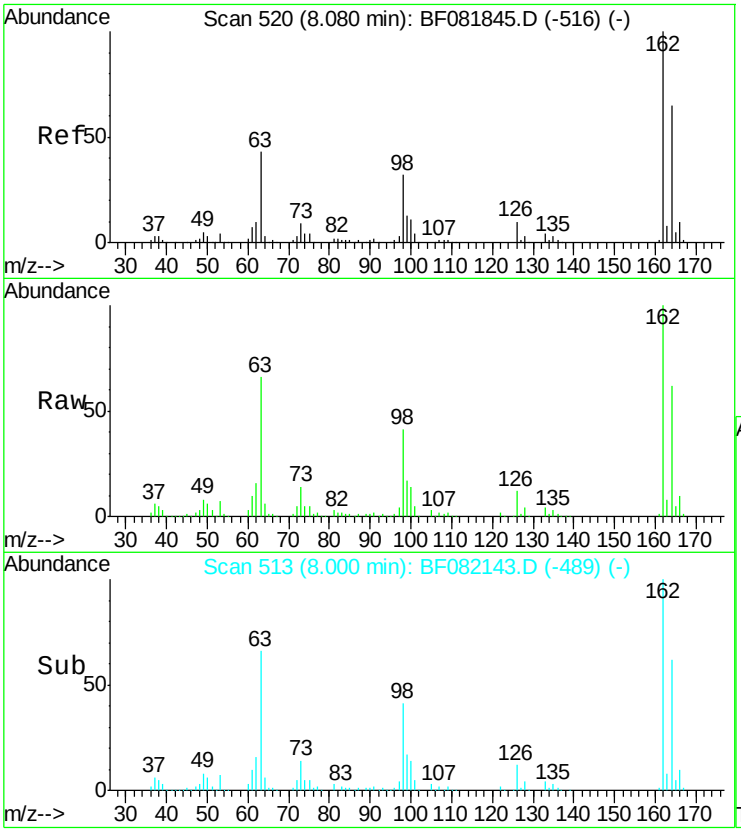



#28
bis(2-Chloroethoxy)methane
Concen: 39.68 ng
RT: 7.90 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 93 Resp: 408179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 27.5 | 41.3 |
| 123 | 10.8 | 13.7 | 20.5# |

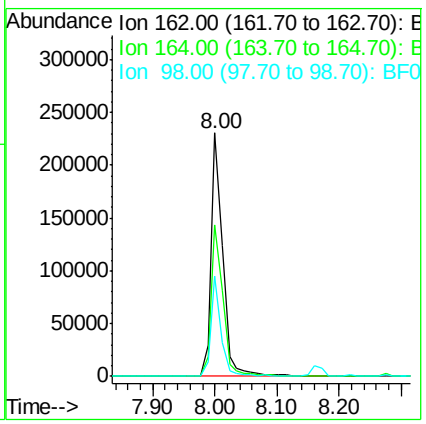





#29
2,4-Dichlorophenol
Concen: 38.29 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:162 Resp: 297539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.4 | 44.9 | 84.9 |
| 98 | 41.4 | 13.0 | 53.0 |




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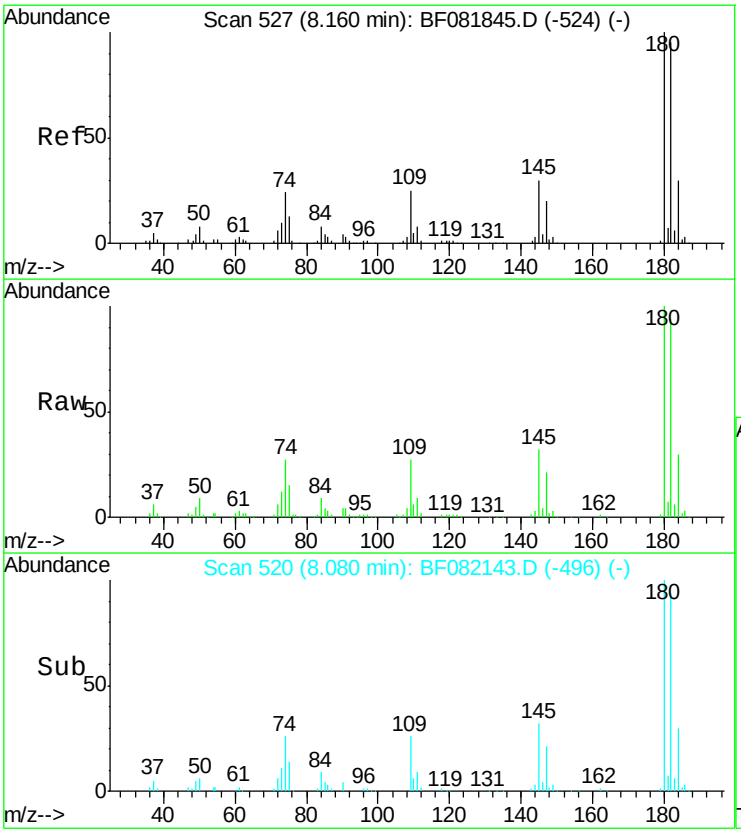
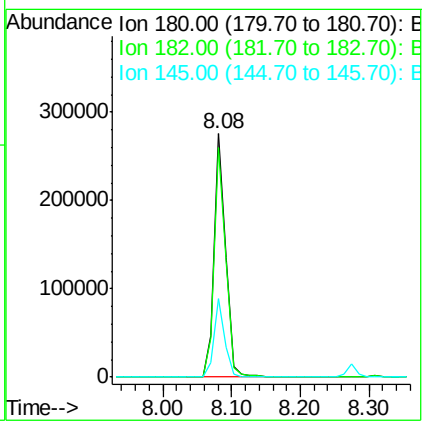
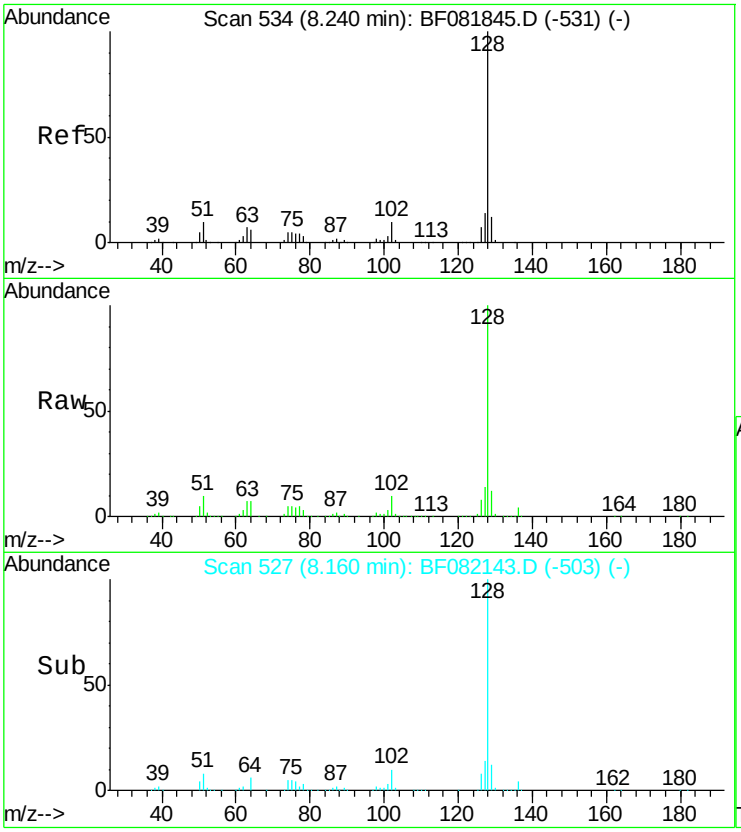



#30
1,2,4-Trichlorobenzene
Concen: 38.03 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:180 Resp: 329951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 77.1 | 115.7 |
| 145 | 32.2 | 23.3 | 34.9 |

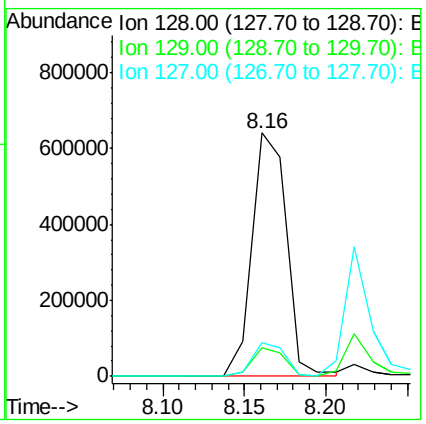





#31
Naphthalene
Concen: 36.47 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:128 Resp: 941655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 8.4 | 12.6 |
| 127 | 13.6 | 9.9 | 14.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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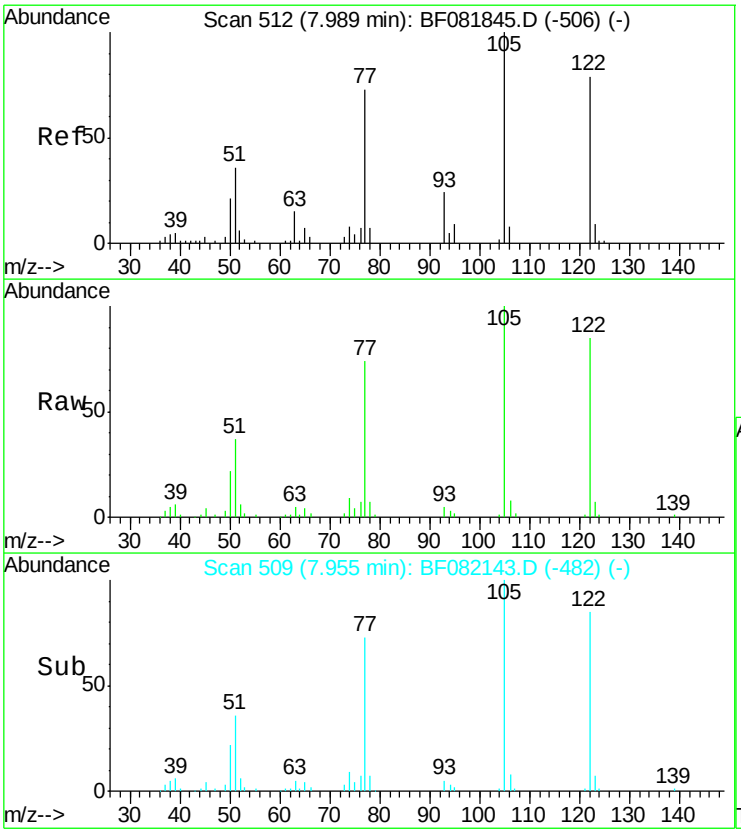
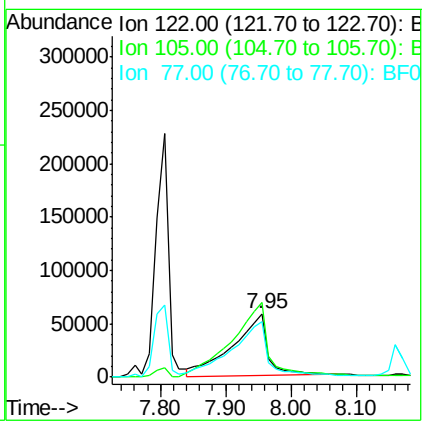
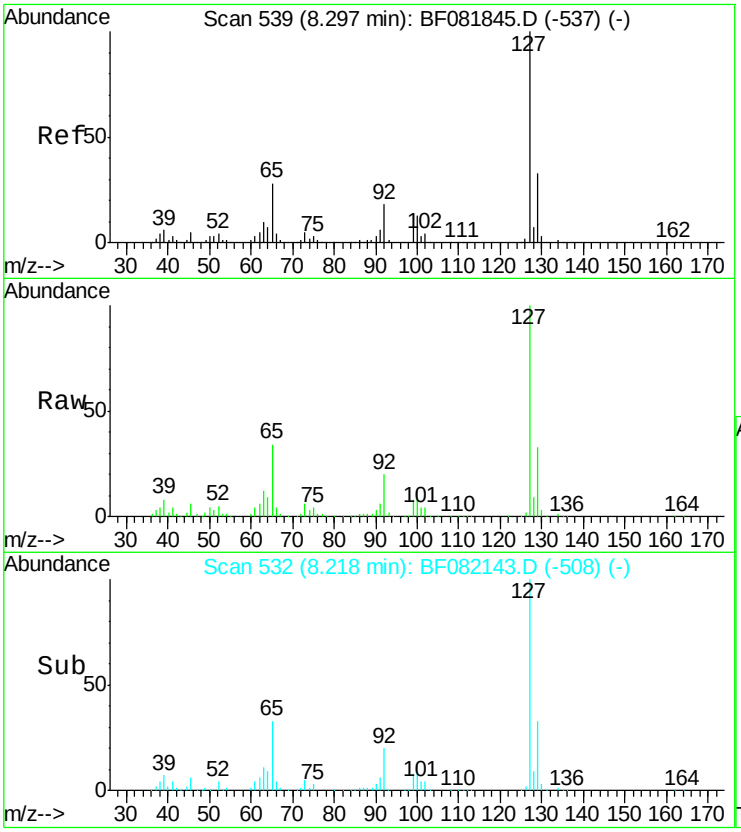



#32
Benzoic acid
Concen: 45.56 ng
RT: 7.95 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:122 Resp: 216290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.0 | 76.1 | 116.1# |
| 77 | 87.8 | 40.5 | 80.5# |

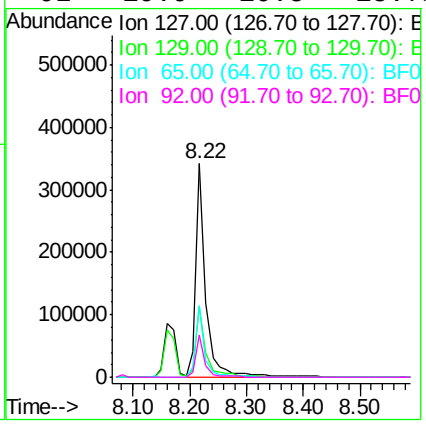





#33
4-Chloroaniline
Concen: 36.58 ng
RT: 8.22 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:127 Resp: 408352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.8 | 25.8 | 38.6 |
| 65 | 33.6 | 17.9 | 26.9# |
| 92 | 19.9 | 10.5 | 15.7# |




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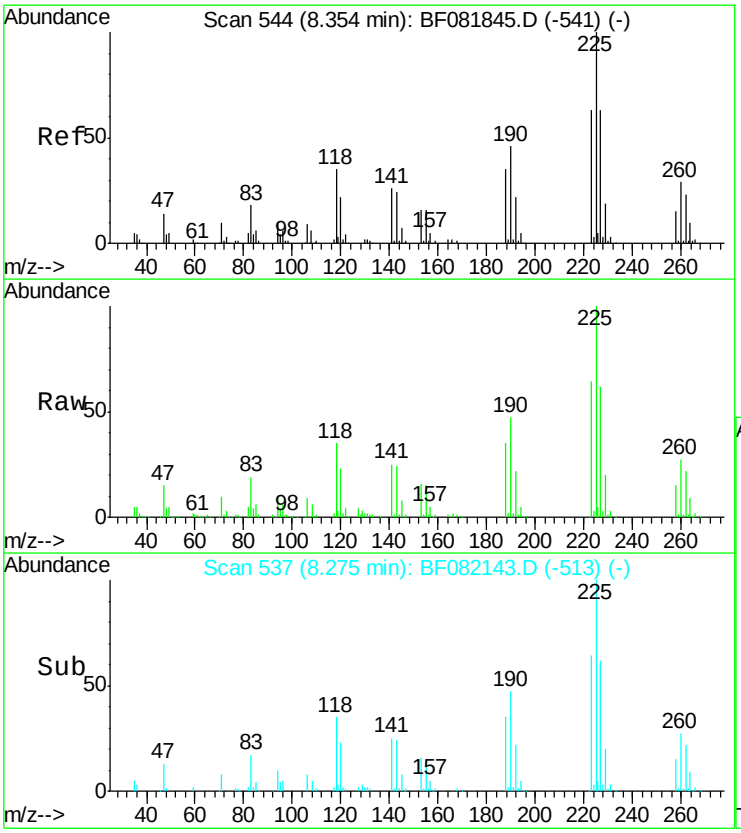
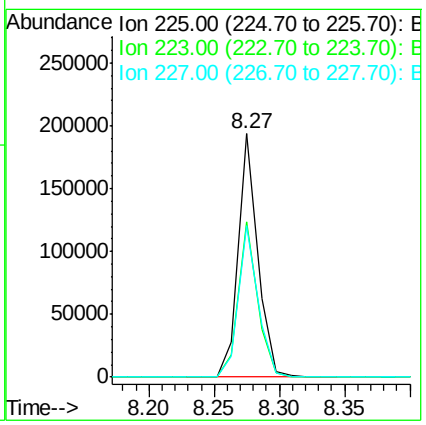
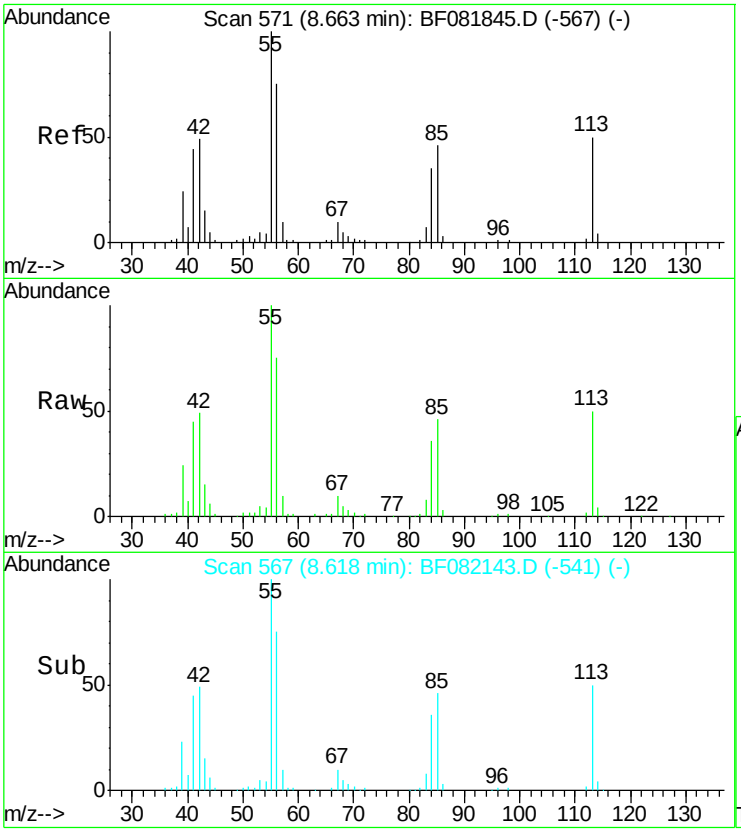



#34
Hexachlorobutadiene
Concen: 38.78 ng
RT: 8.27 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:225 Resp: 198988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 50.2 | 75.2 |
| 227 | 62.3 | 52.2 | 78.2 |

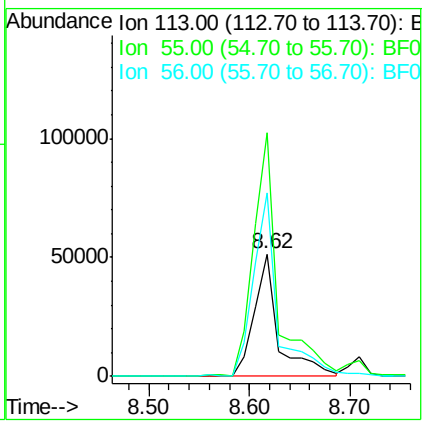





#35
Caprolactam
Concen: 39.95 ng
RT: 8.62 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:113 Resp: 85960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 198.5 | 152.4 | 192.4# |
| 56 | 149.2 | 104.6 | 144.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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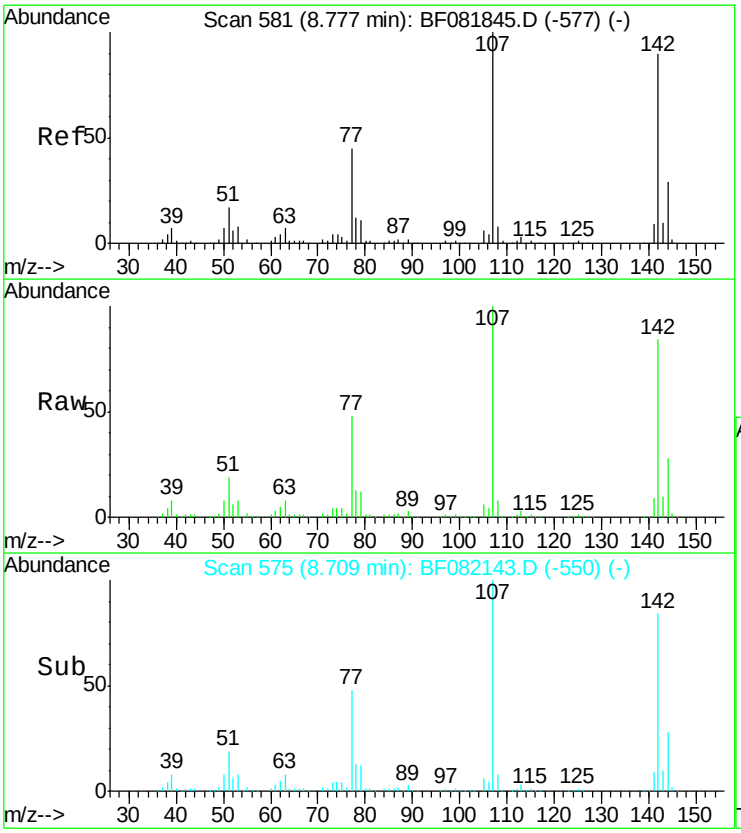
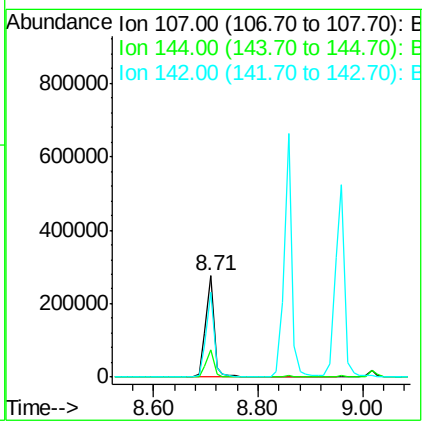
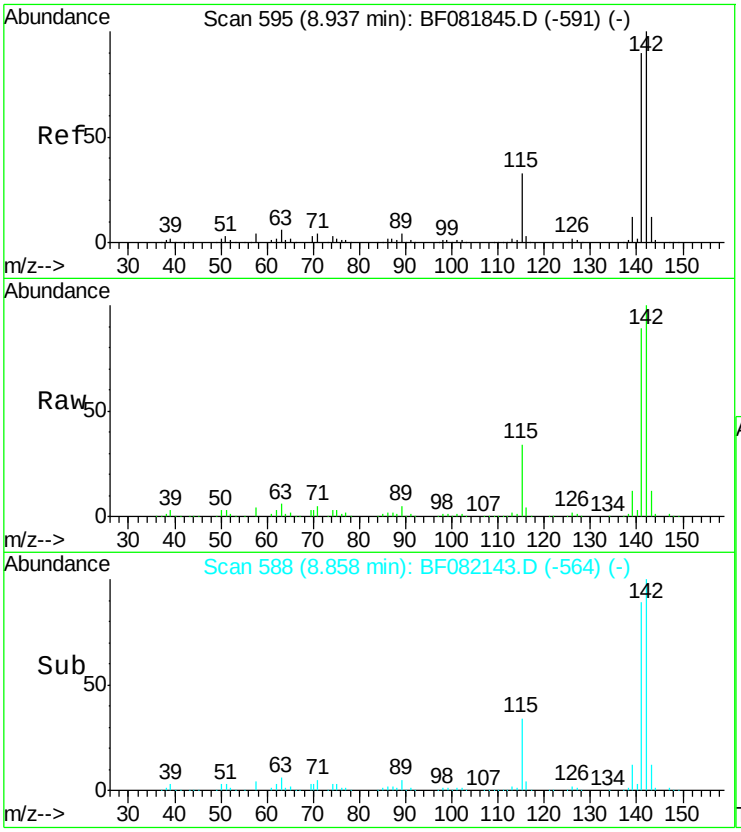



#36
4-Chloro-3-methylphenol
Concen: 42.33 ng
RT: 8.71 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:107 Resp: 321655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.6 | 25.4 | 38.0 |
| 142 | 84.1 | 77.3 | 115.9 |

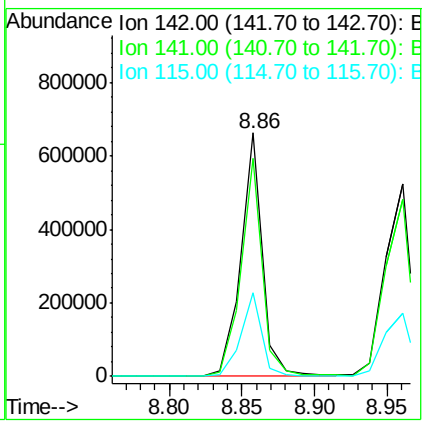





#37
2-Methylnaphthalene
Concen: 38.56 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:142 Resp: 679485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.4 | 67.5 | 101.3 |
| 115 | 34.2 | 18.2 | 27.2# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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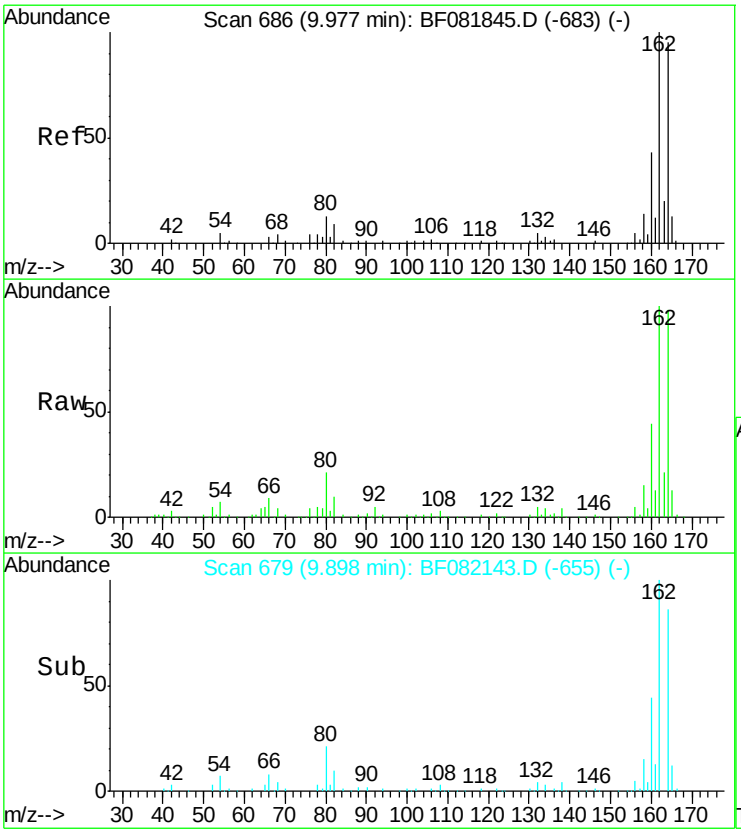
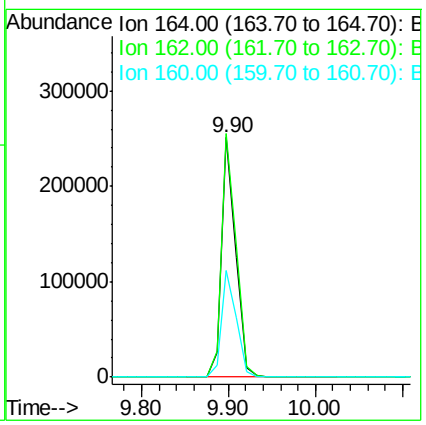
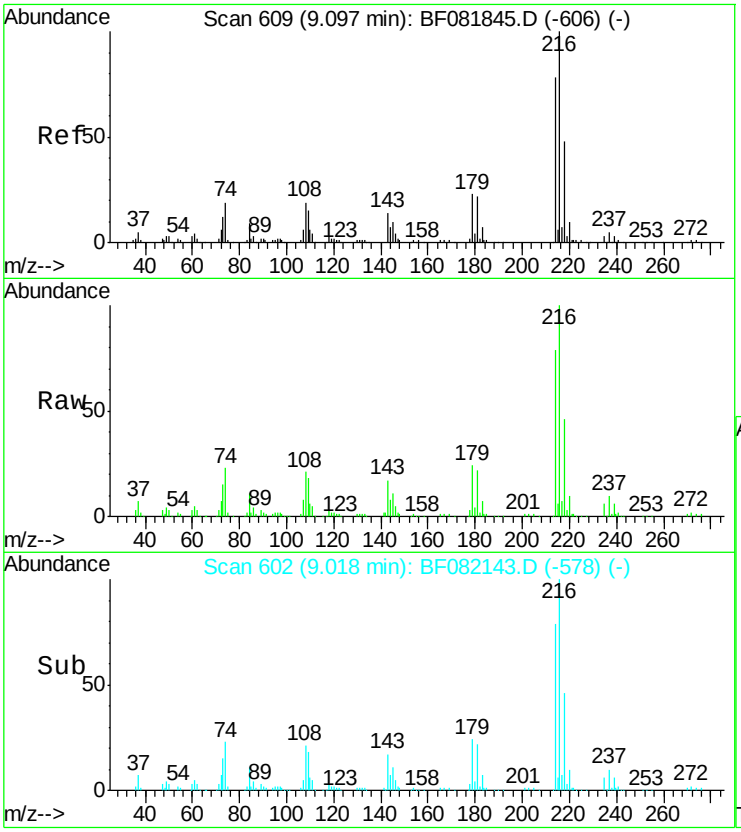



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:164 Resp: 285765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 75.2 | 112.8 |
| 160 | 44.4 | 31.5 | 47.3 |

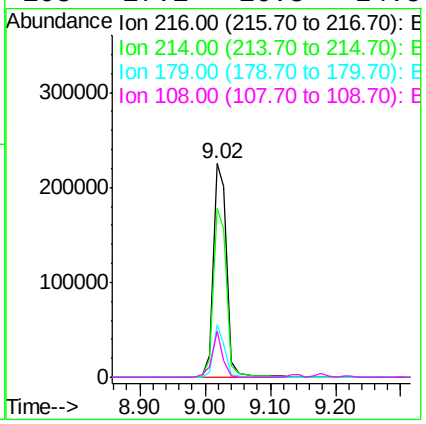





#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.49 ng
RT: 9.02 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:216 Resp: 328938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 63.5 | 95.3 |
| 179 | 21.1 | 16.6 | 24.8 |
| 108 | 17.1 | 16.3 | 24.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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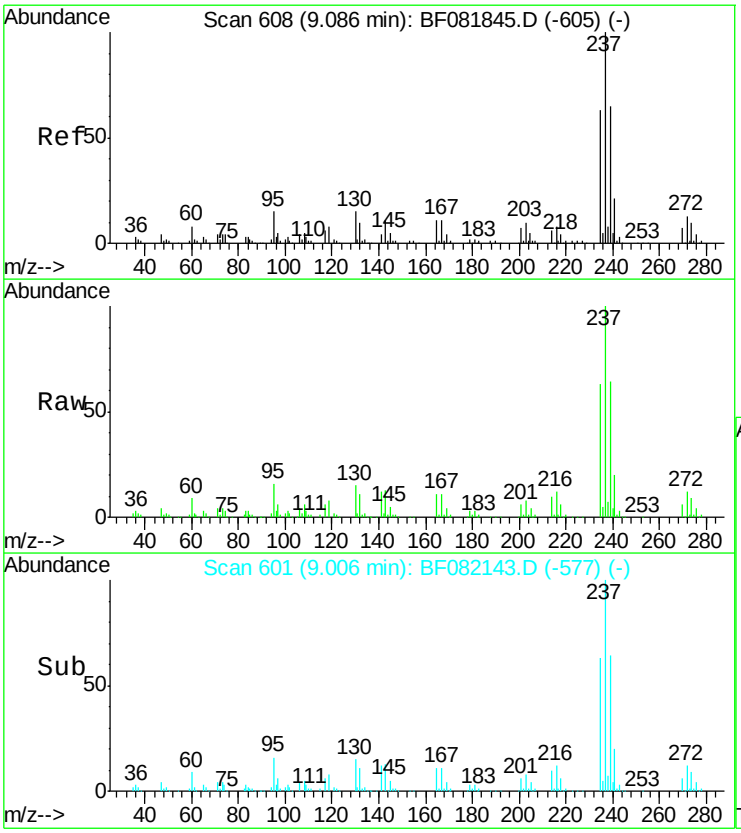
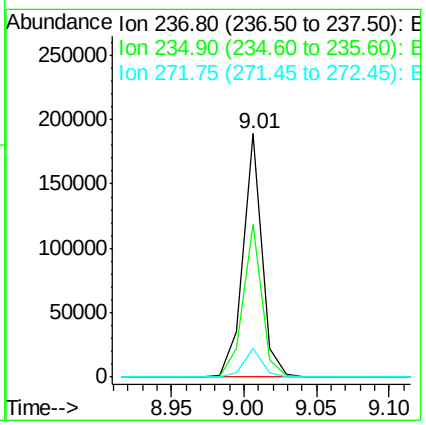
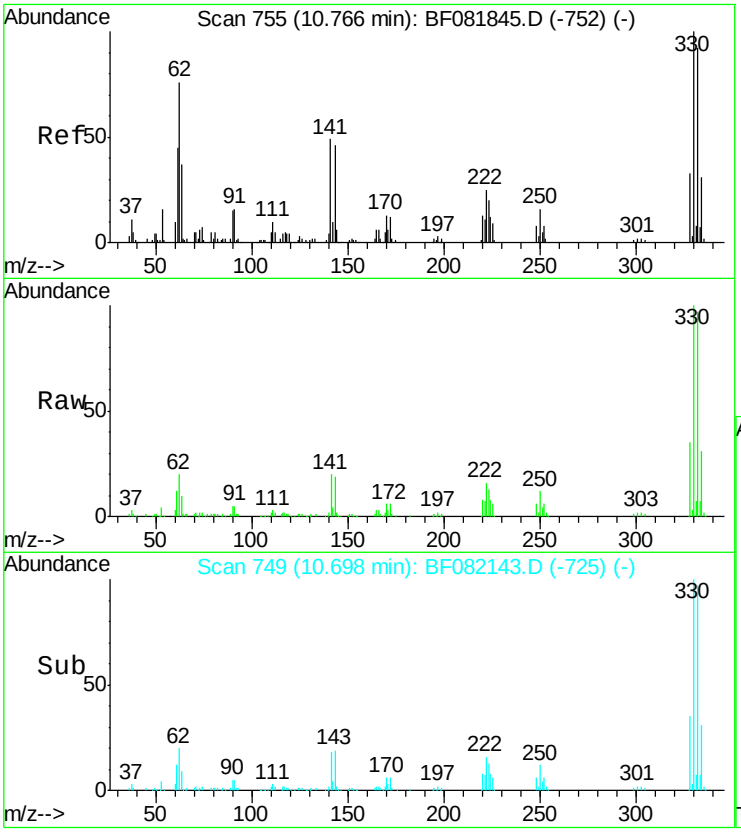



#40
Hexachlorocyclopentadiene
Concen: 38.09 ng
RT: 9.01 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:237 Resp: 172085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.9 | 42.0 | 82.0 |
| 272 | 11.6 | 0.0 | 36.1 |

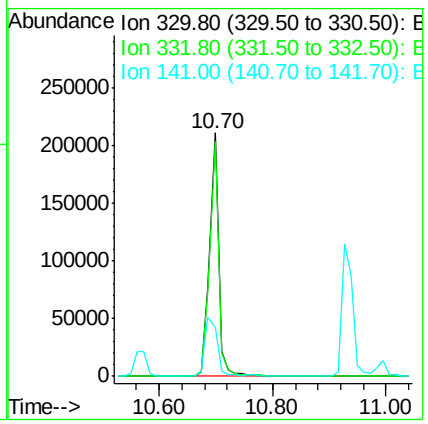





#41
2,4,6-Tribromophenol
Concen: 78.86 ng
RT: 10.70 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:330 Resp: 228239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 76.6 | 114.8 |
| 141 | 31.8 | 29.7 | 44.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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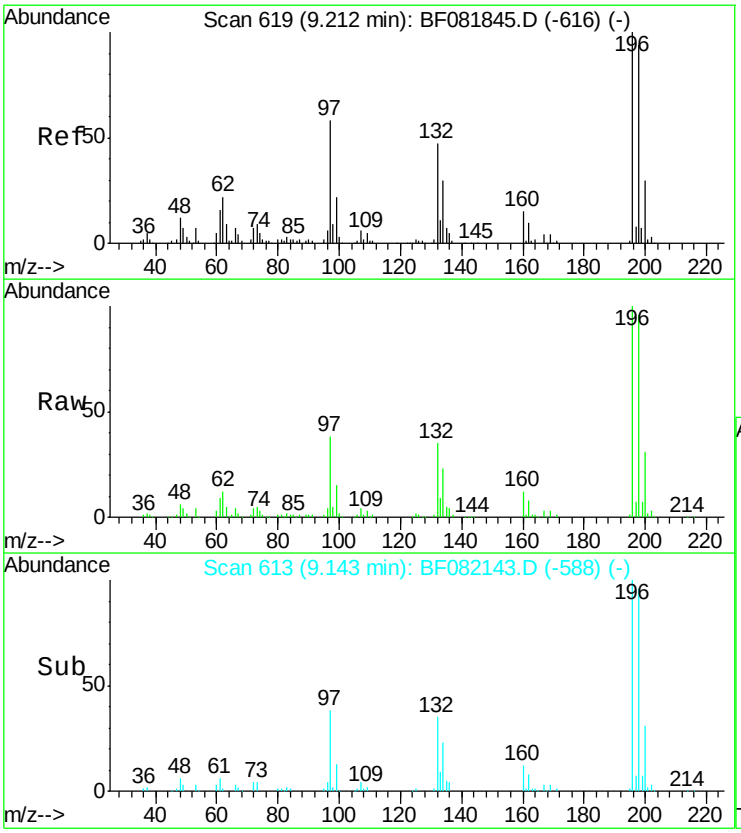
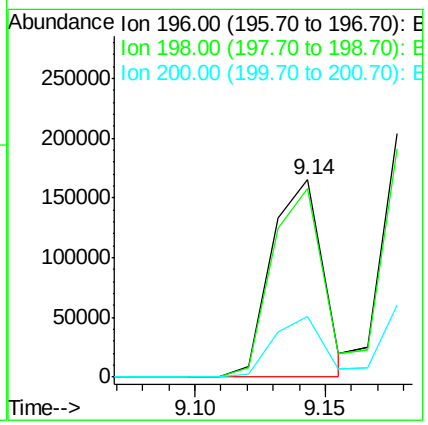
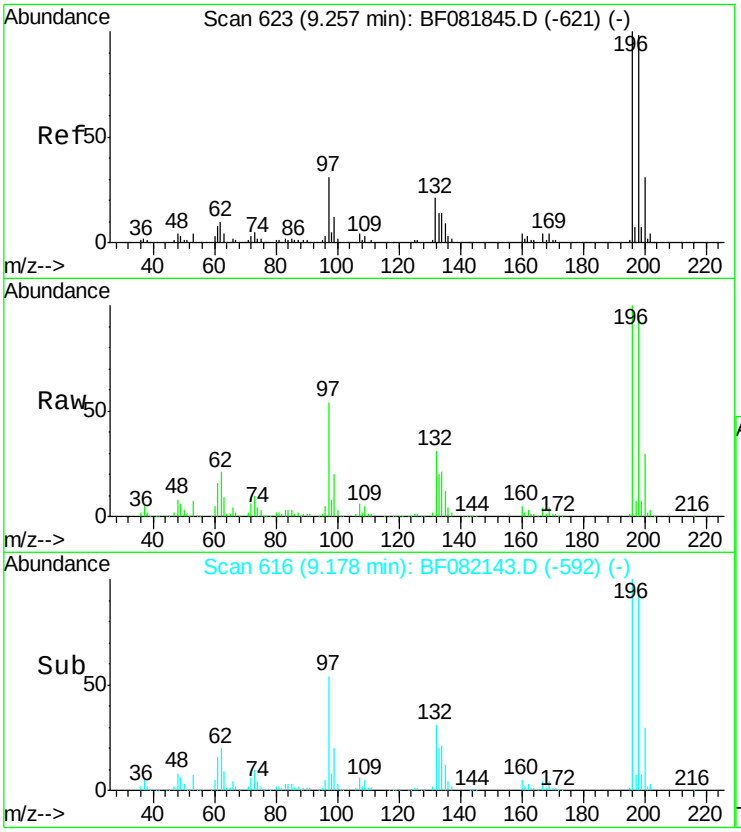



#42
2,4,6-Trichlorophenol
Concen: 37.26 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:196 Resp: 224069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 75.7 | 113.5 |
| 200 | 31.1 | 23.9 | 35.9 |

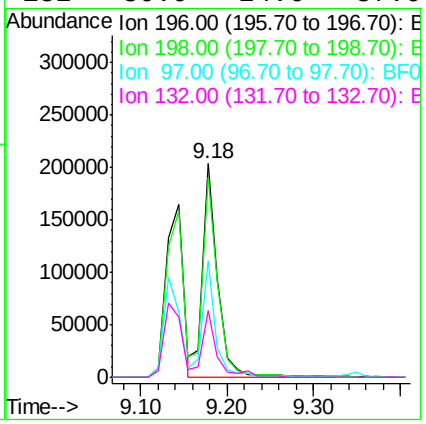





#43
2,4,5-Trichlorophenol
Concen: 40.52 ng m
RT: 9.18 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:196 Resp: 250633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.8 | 75.4 | 113.0 |
| 97 | 54.3 | 33.3 | 49.9# |
| 132 | 30.9 | 24.6 | 37.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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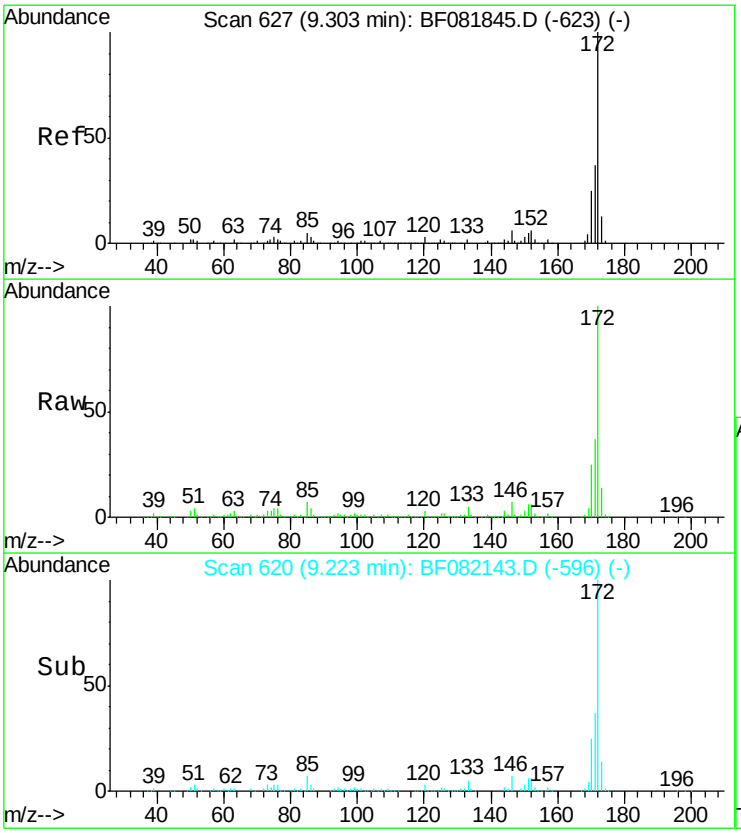
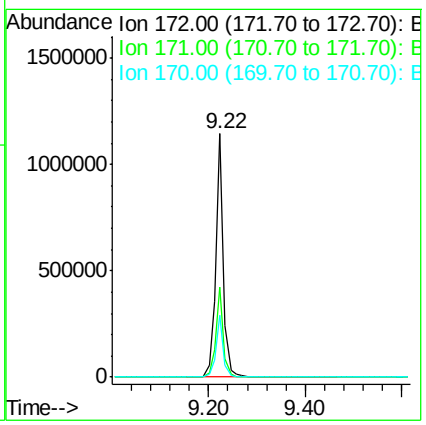
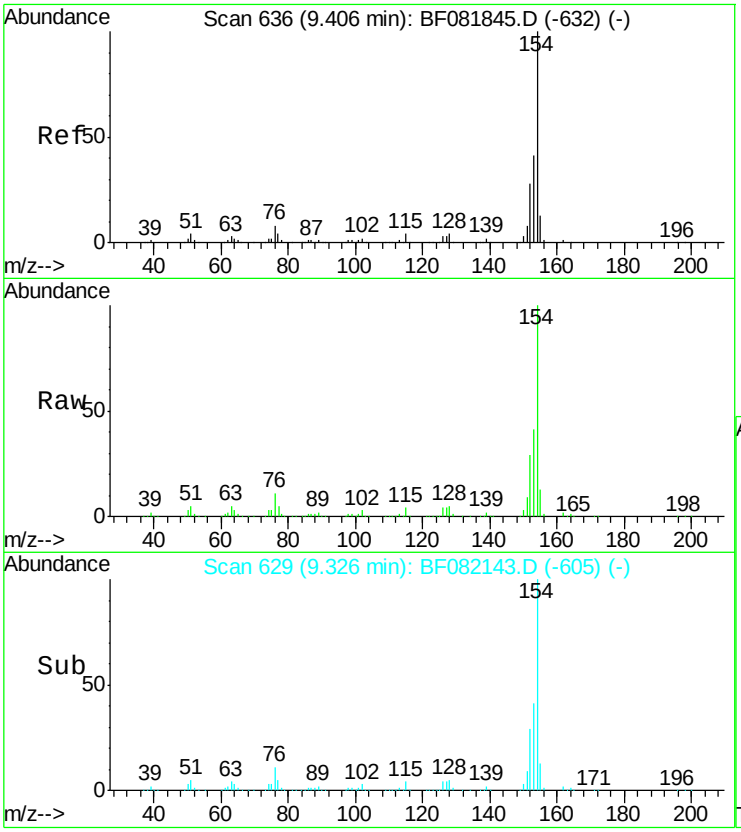



#44
2-Fluorobiphenyl
Concen: 73.08 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:172 Resp: 1282511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 26.1 | 39.1 |
| 170 | 25.2 | 17.4 | 26.2 |

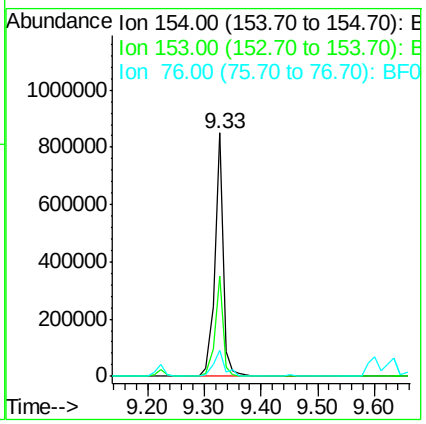





#45
1,1'-Biphenyl
Concen: 38.98 ng
RT: 9.33 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:154 Resp: 859383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 17.1 | 57.1 |
| 76 | 10.5 | 0.0 | 31.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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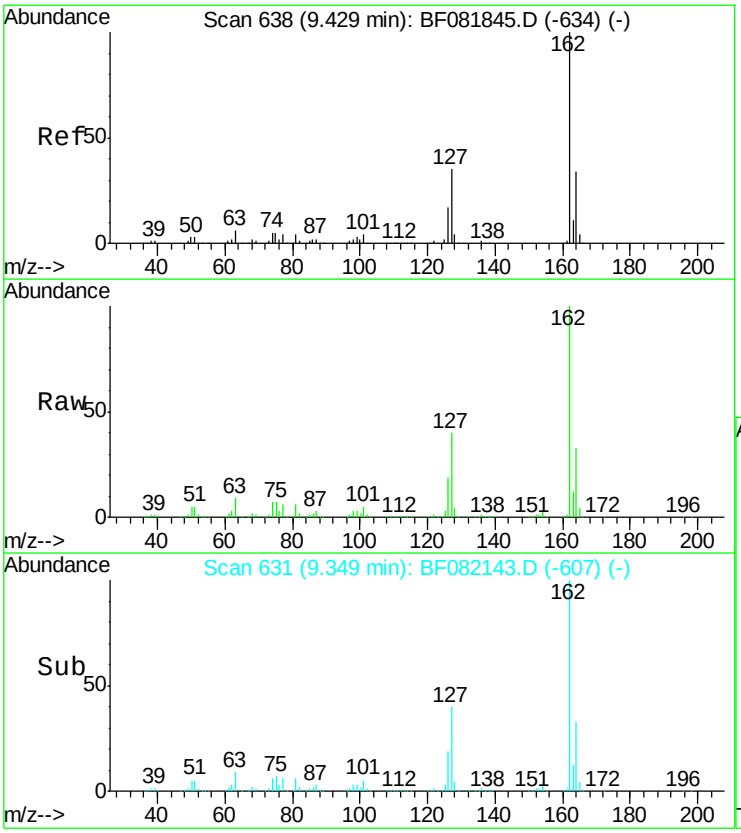
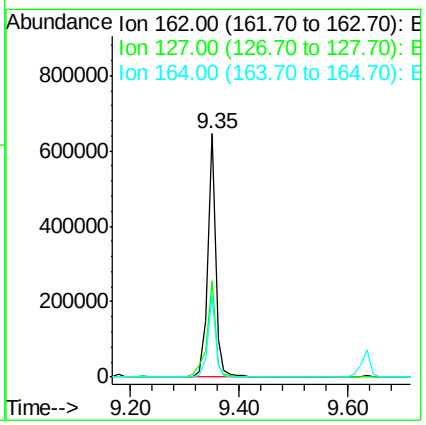
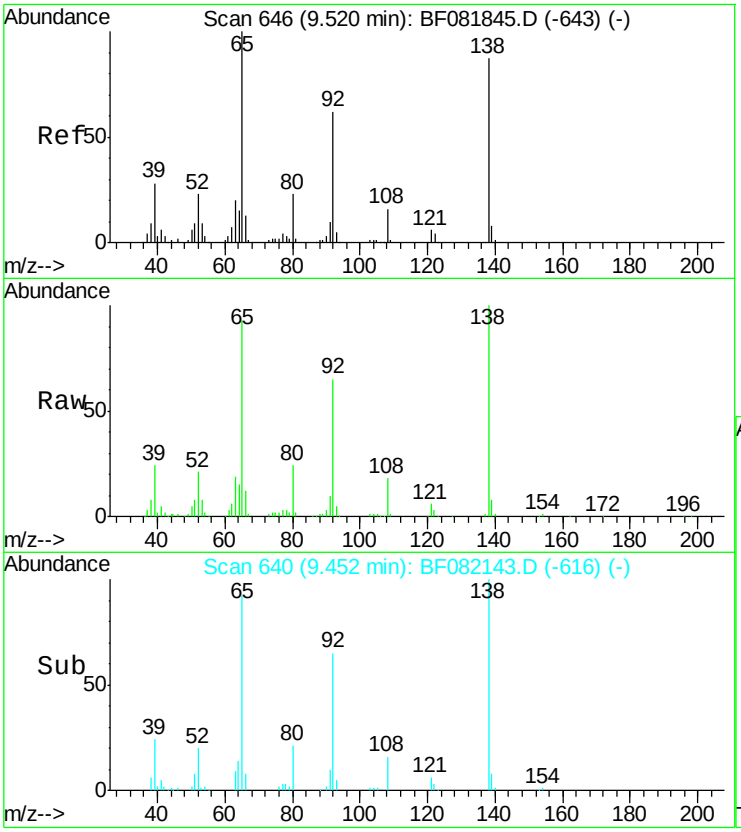



#46
2-Chloronaphthalene
Concen: 37.90 ng
RT: 9.35 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:162 Resp: 656120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.7 | 27.6 | 41.4 |
| 164 | 33.1 | 25.4 | 38.2 |






#47
2-Nitroaniline
Concen: 40.92 ng
RT: 9.45 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 65 Resp: 207965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.4 | 55.4 | 83.0 |
| 138 | 107.6 | 115.5 | 173.3# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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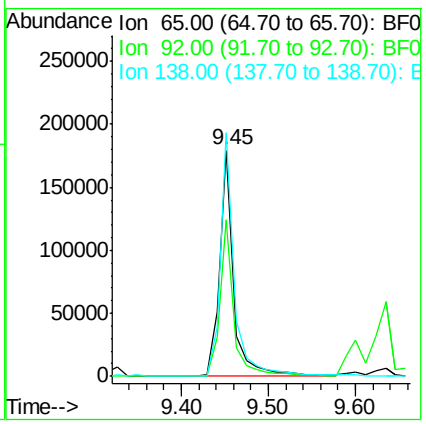
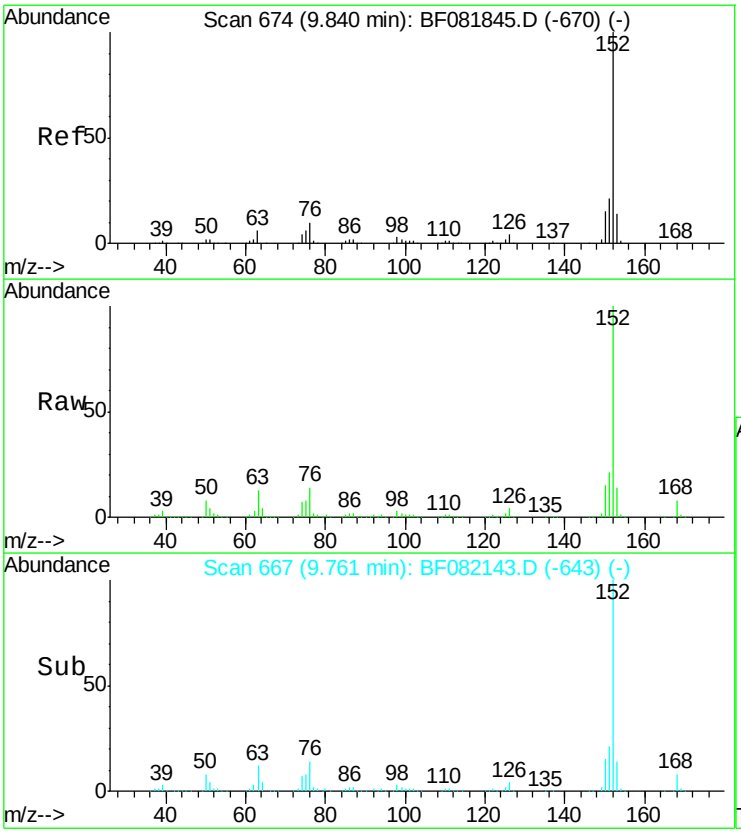
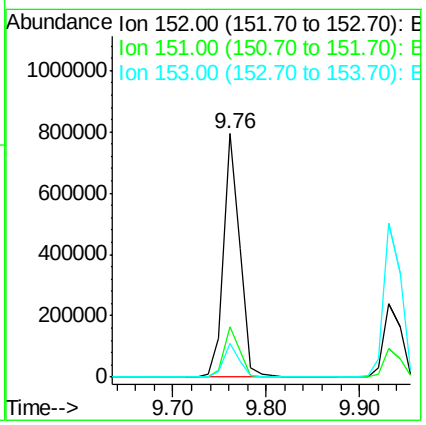


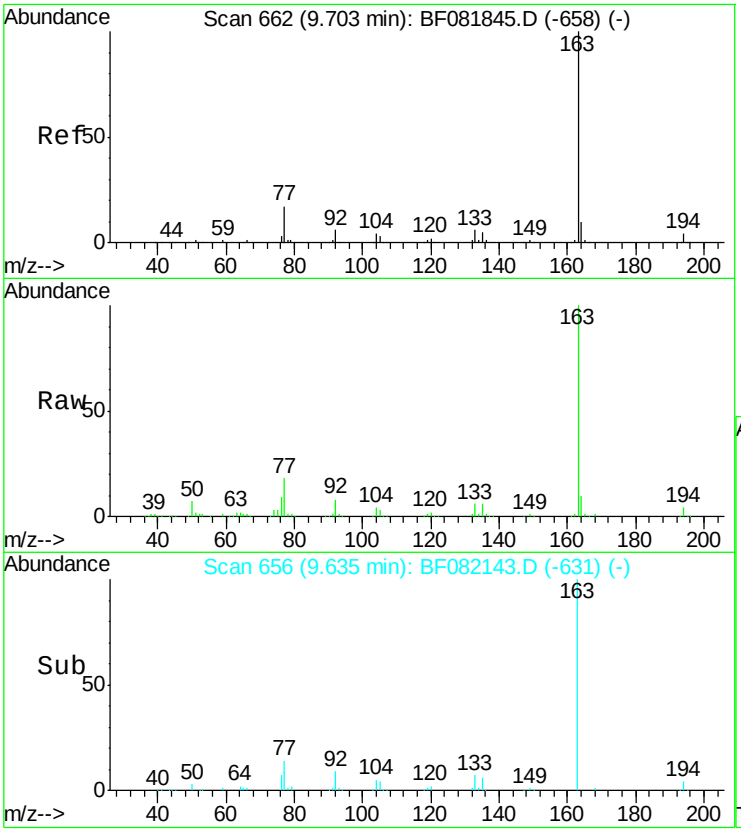




#48
Acenaphthylene
Concen: 34.73 ng
RT: 9.76 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:152 Resp: 962220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.9 | 14.6 | 22.0 |
| 153 | 14.1 | 10.3 | 15.5 |

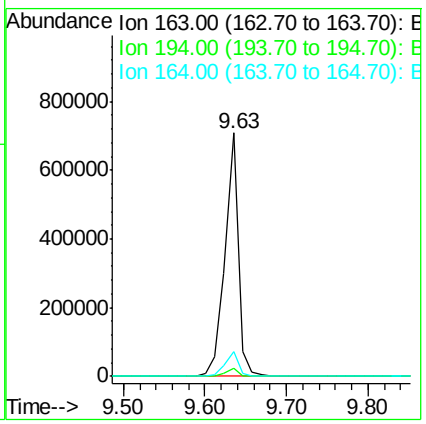





#49
Dimethylphthalate
Concen: 40.71 ng
RT: 9.63 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:163 Resp: 803067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 4.4 | 6.6# |
| 164 | 10.3 | 8.3 | 12.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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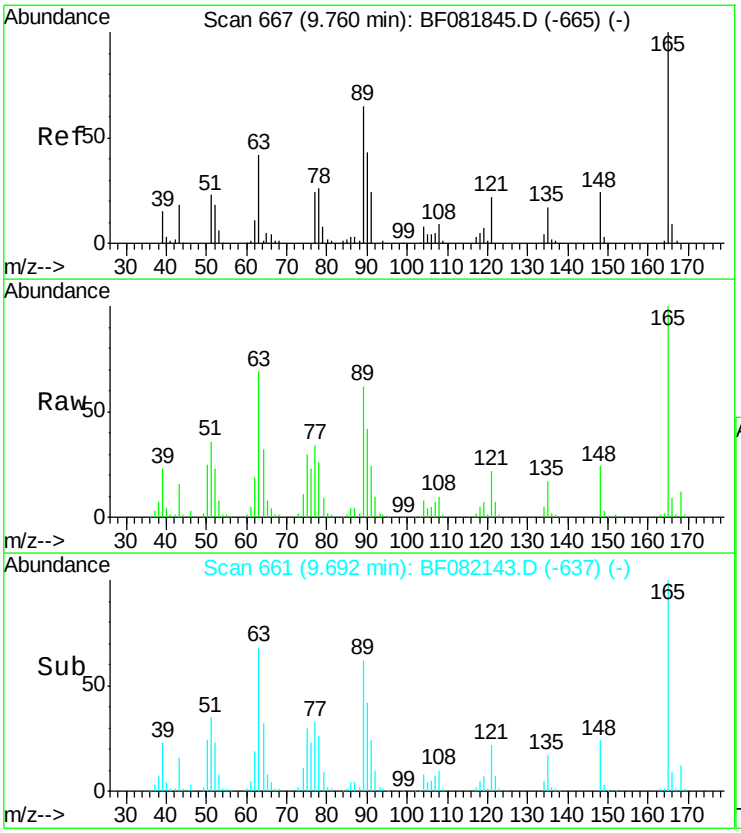
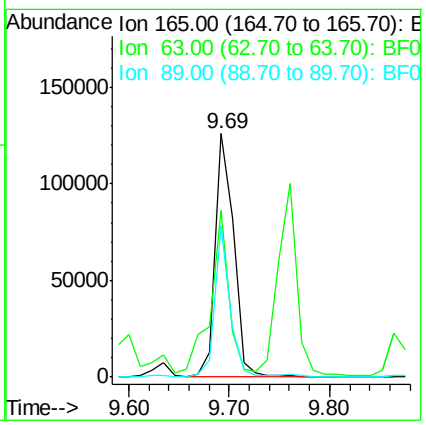
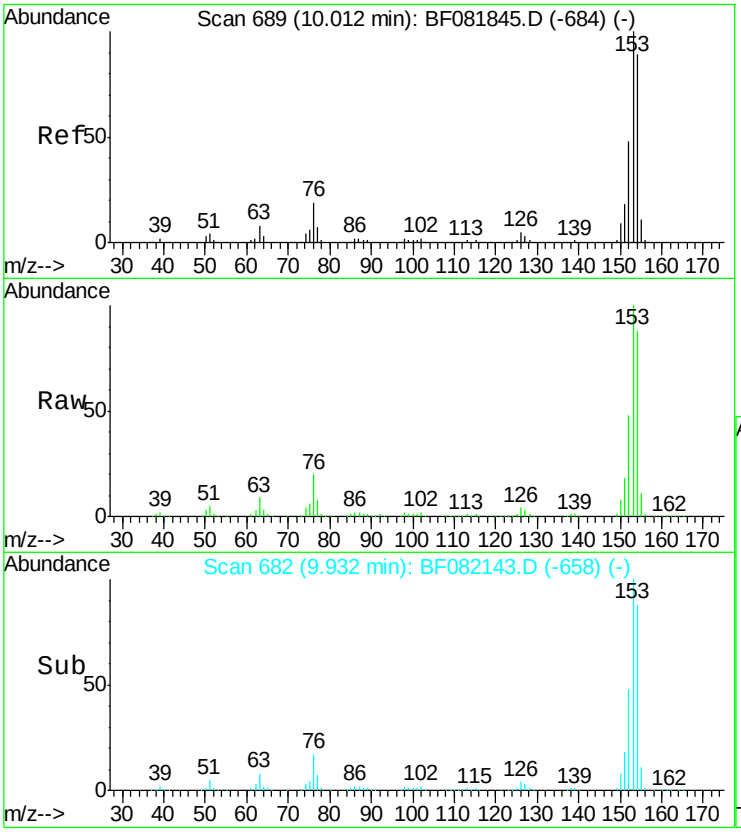



#50
2,6-Dinitrotoluene
Concen: 37.74 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:165 Resp: 161613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.5 | 32.3 | 48.5# |
| 89 | 62.2 | 28.6 | 43.0# |

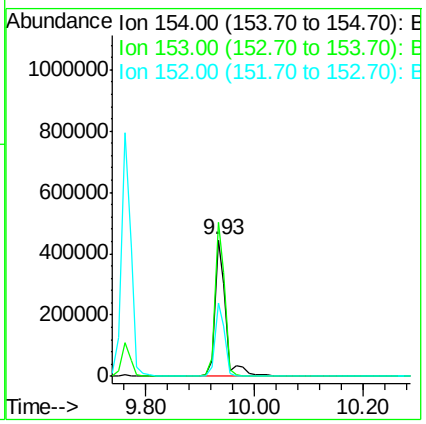





#51
Acenaphthene
Concen: 38.41 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:154 Resp: 631881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 82.1 | 123.1 |
| 152 | 54.0 | 37.9 | 56.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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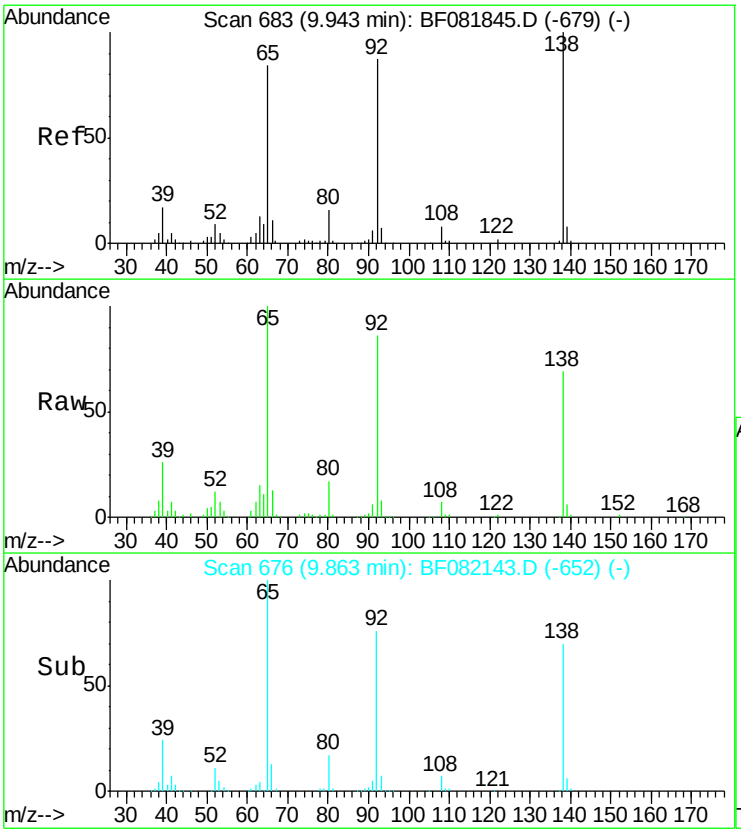
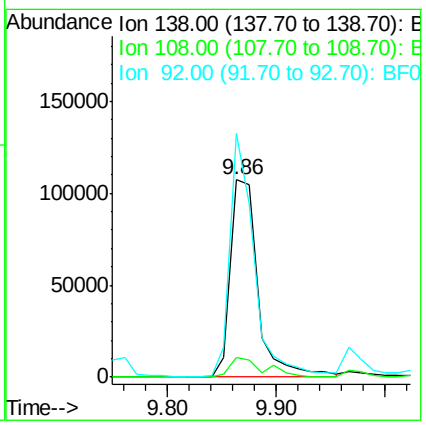
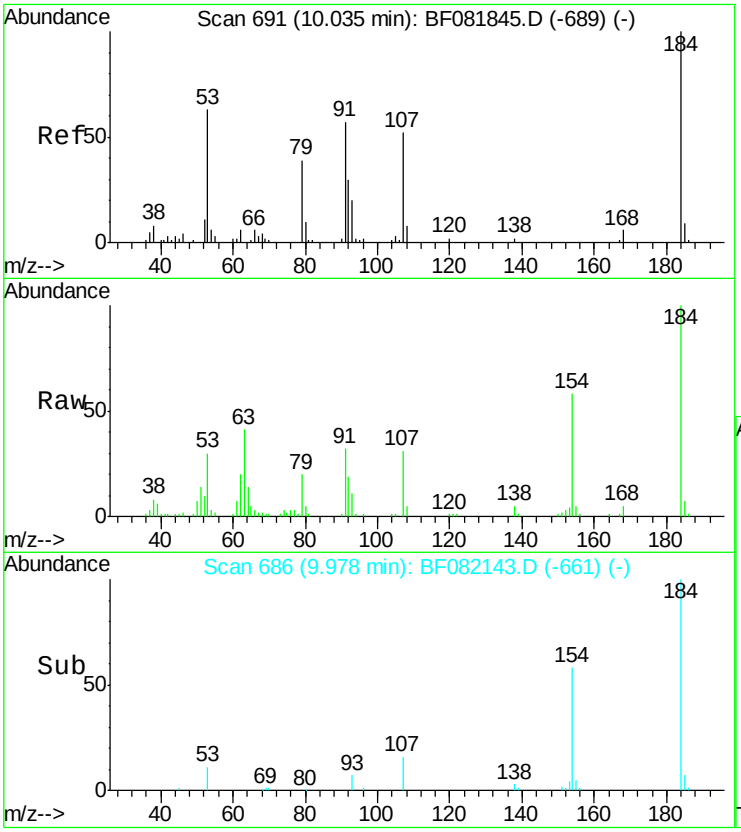



#52
3-Nitroaniline
Concen: 37.75 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:138 Resp: 187023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.2 | 5.7 | 8.5# |
| 92 | 123.4 | 67.7 | 101.5# |

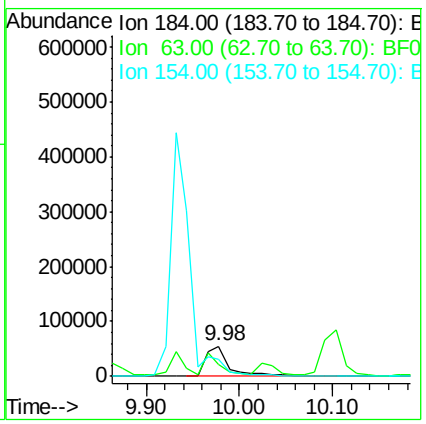





#53
2,4-Dinitrophenol
Concen: 58.15 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:184 Resp: 98269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 40.8 | 35.4 | 53.2 |
| 154 | 58.2 | 32.2 | 48.4# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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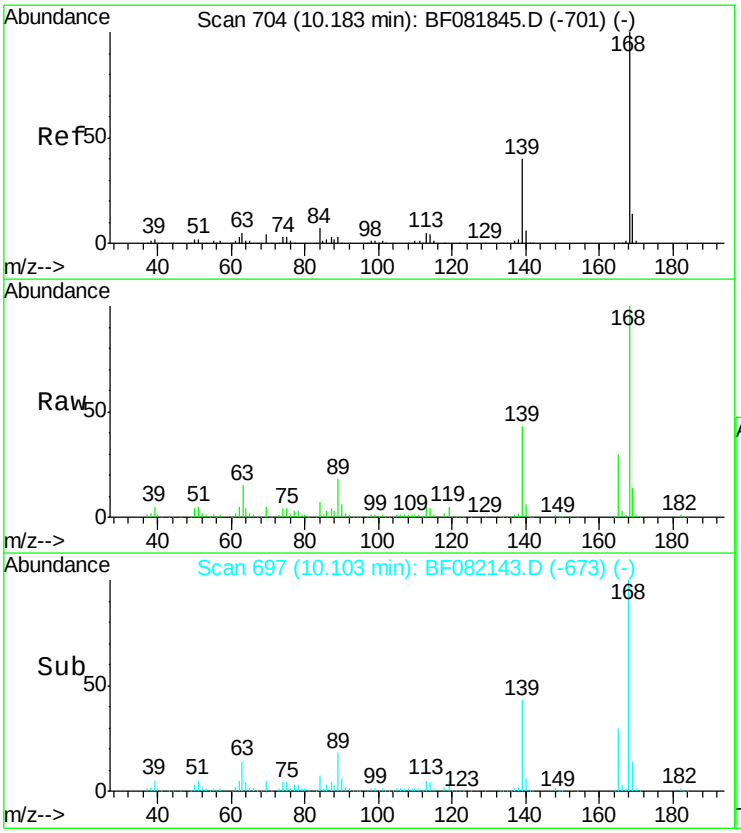
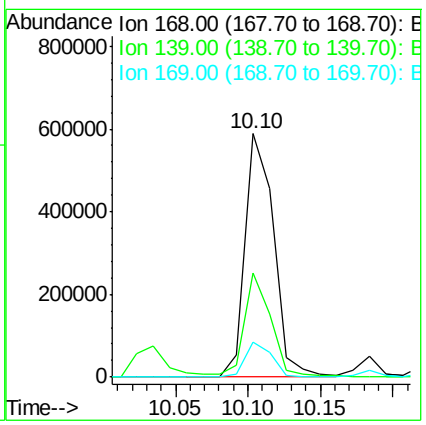
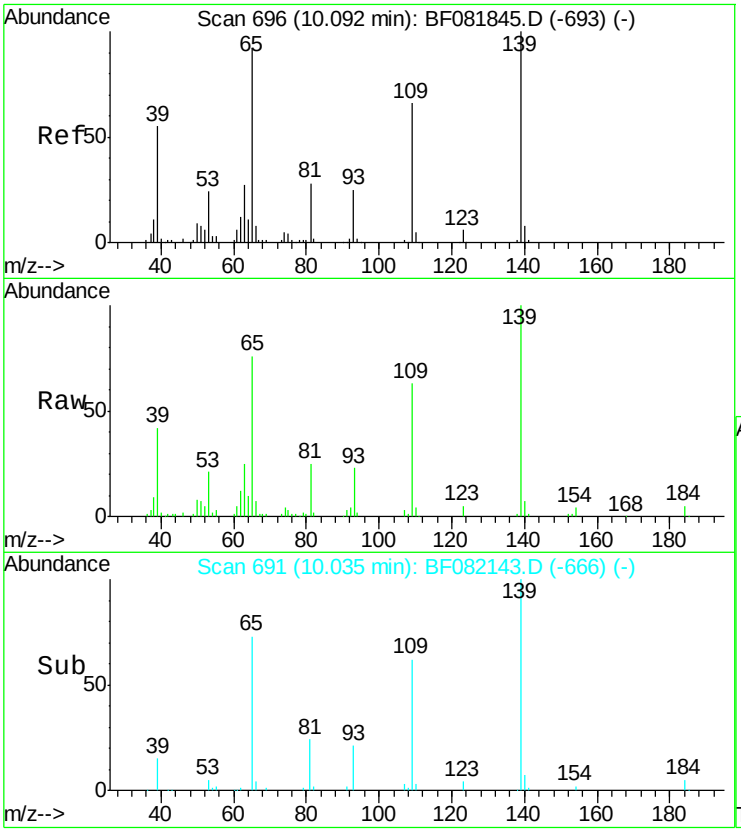



#54
Dibenzofuran
Concen: 34.76 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:168 Resp: 808324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.7 | 24.2 | 36.2# |
| 169 | 14.2 | 10.6 | 15.8 |

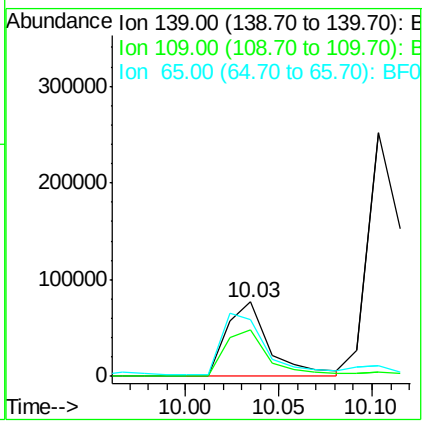





#55
4-Nitrophenol
Concen: 34.47 ng
RT: 10.03 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:139 Resp: 123408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.6 | 12.7 | 52.7# |
| 65 | 76.5 | 45.9 | 85.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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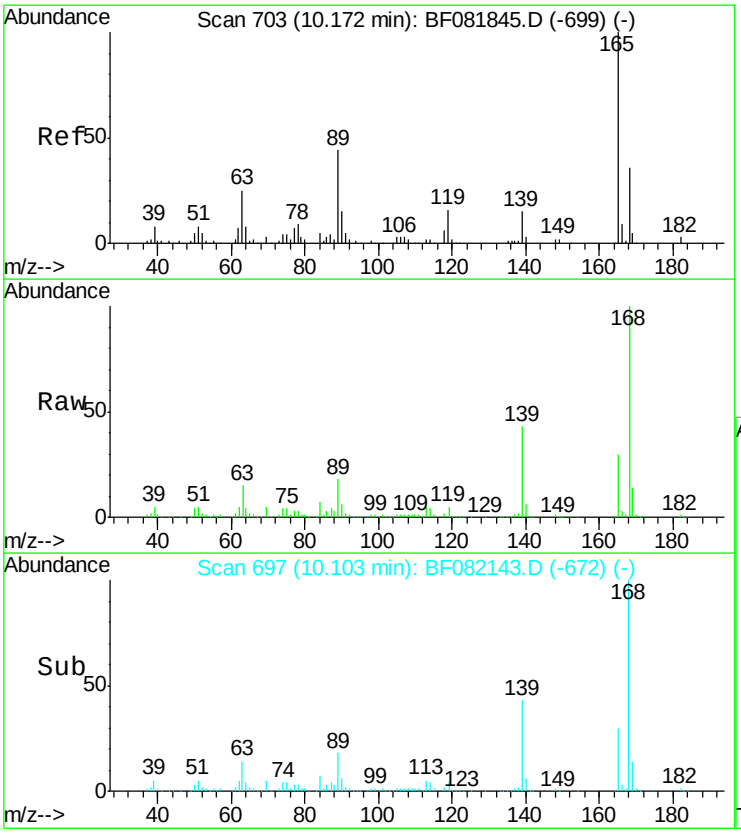
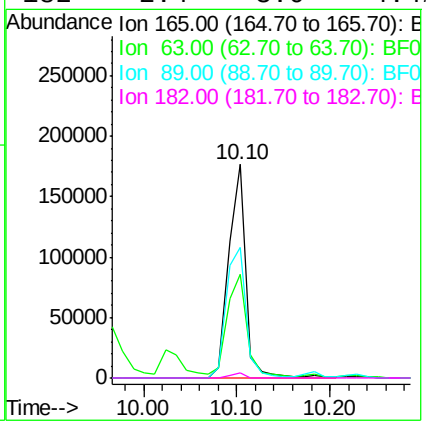
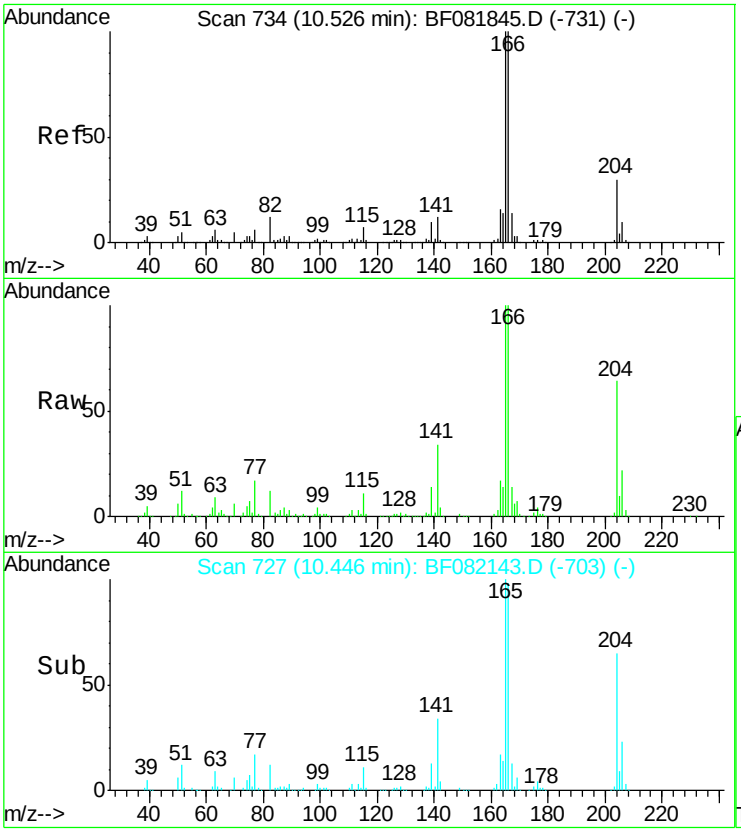



#56
2,4-Dinitrotoluene
Concen: 41.68 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:165 Resp: 227529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.5 | 29.8 | 44.6# |
| 89 | 61.2 | 44.5 | 66.7 |
| 182 | 2.4 | 3.0 | 4.4# |

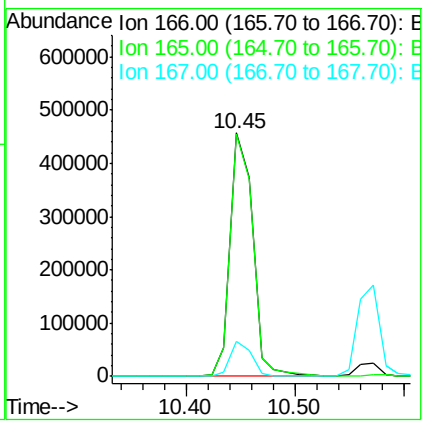





#57
Fluorene
Concen: 38.95 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:166 Resp: 652525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.7 | 72.6 | 109.0 |
| 167 | 14.3 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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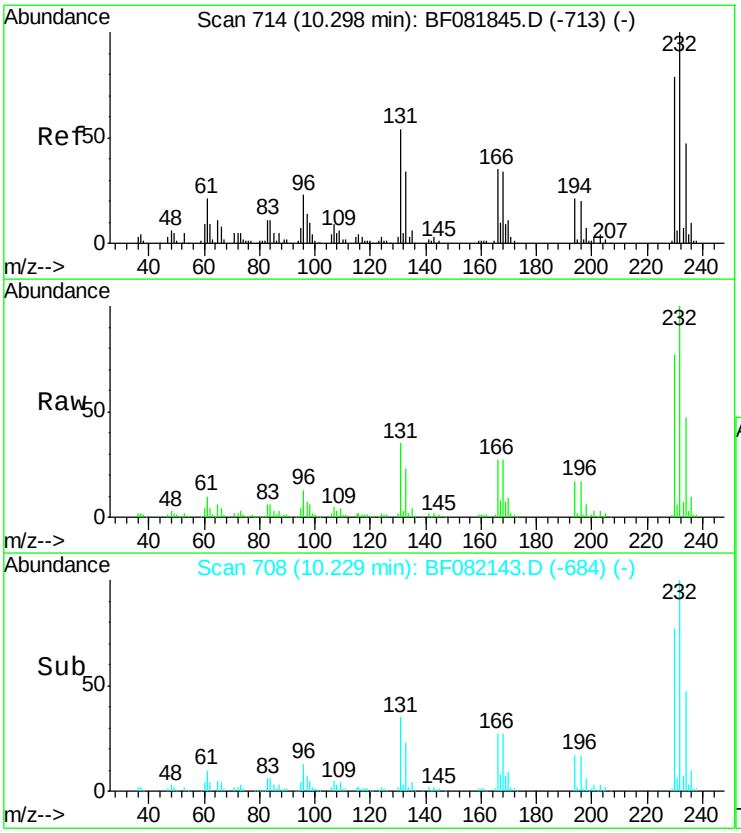
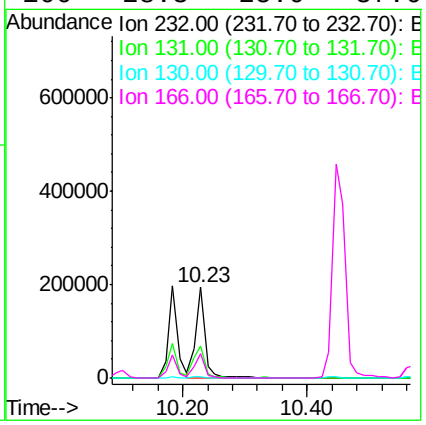
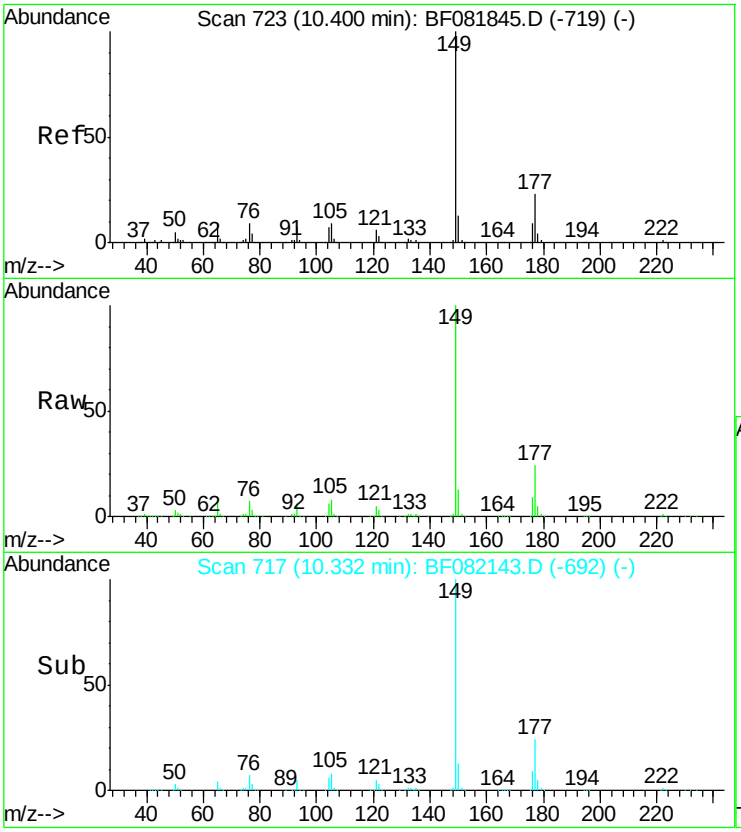



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.49 ng
RT: 10.23 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:232 Resp: 208438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.5 | 38.5 | 57.7 |
| 130 | 1.9 | 1.8 | 2.6 |
| 166 | 28.3 | 25.0 | 37.6 |

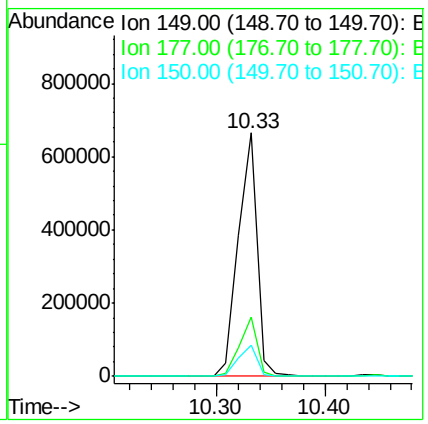





#59
Diethylphthalate
Concen: 42.75 ng
RT: 10.33 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:149 Resp: 787743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 17.5 | 26.3 |
| 150 | 12.6 | 9.4 | 14.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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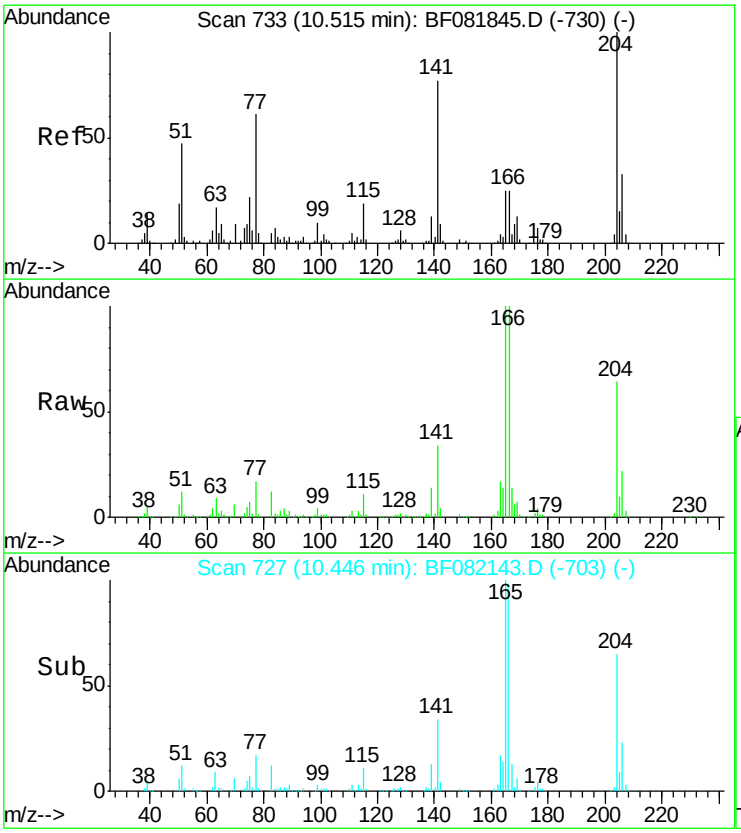
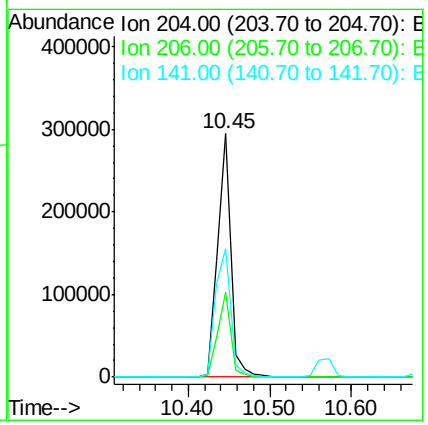
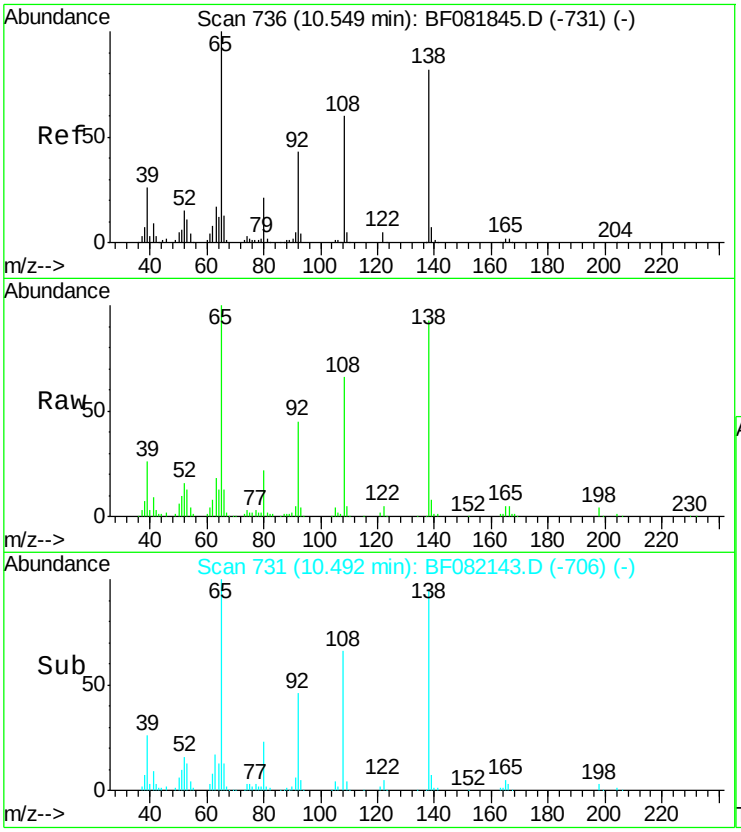



#60
4-Chlorophenyl-phenylether
Concen: 39.17 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:204 Resp: 333414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.8 | 24.8 | 37.2 |
| 141 | 52.8 | 42.2 | 63.4 |

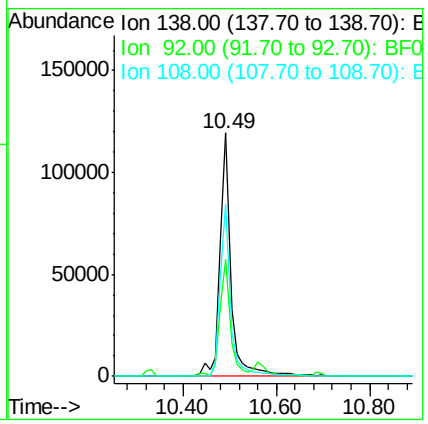





#61
4-Nitroaniline
Concen: 39.41 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:138 Resp: 195799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.2 | 12.6 | 52.6 |
| 108 | 70.4 | 12.4 | 52.4# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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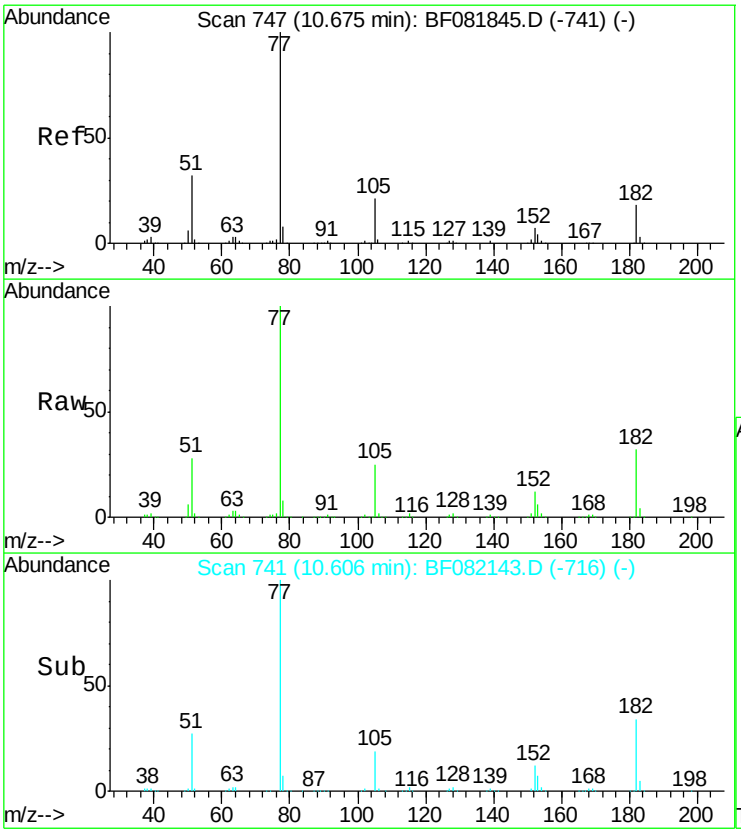
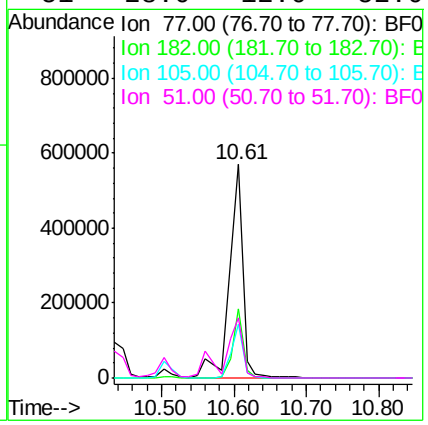
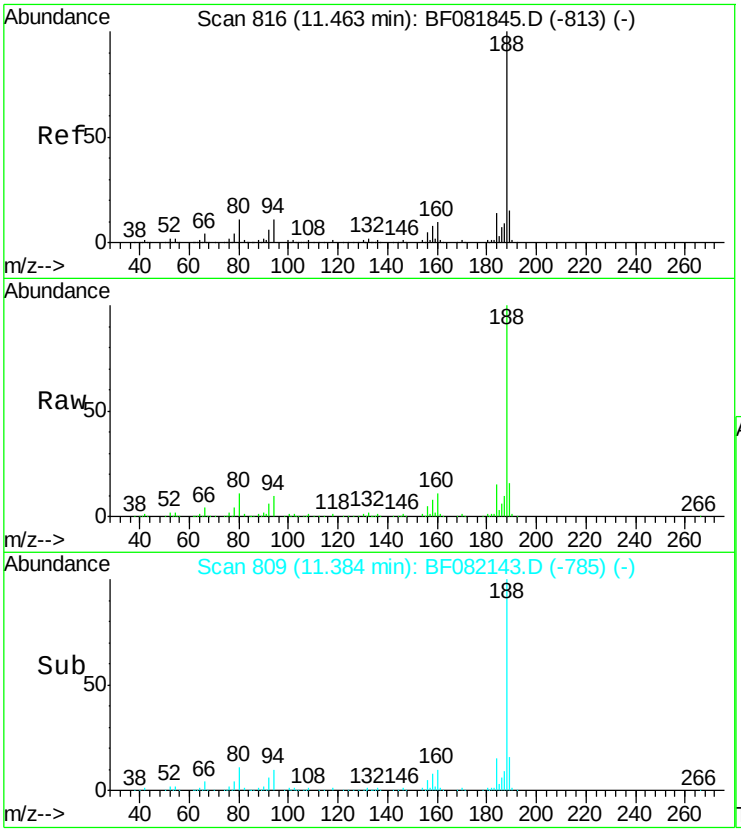



#62
Azobenzene
Concen: 40.67 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 77 Resp: 731397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.3 | 15.1 | 55.1 |
| 105 | 24.9 | 3.4 | 43.4 |
| 51 | 28.0 | 12.0 | 52.0 |

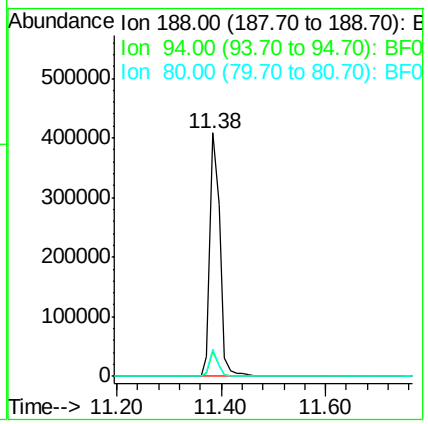





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:188 Resp: 542255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 11.1 | 16.7# |
| 80 | 11.2 | 11.0 | 16.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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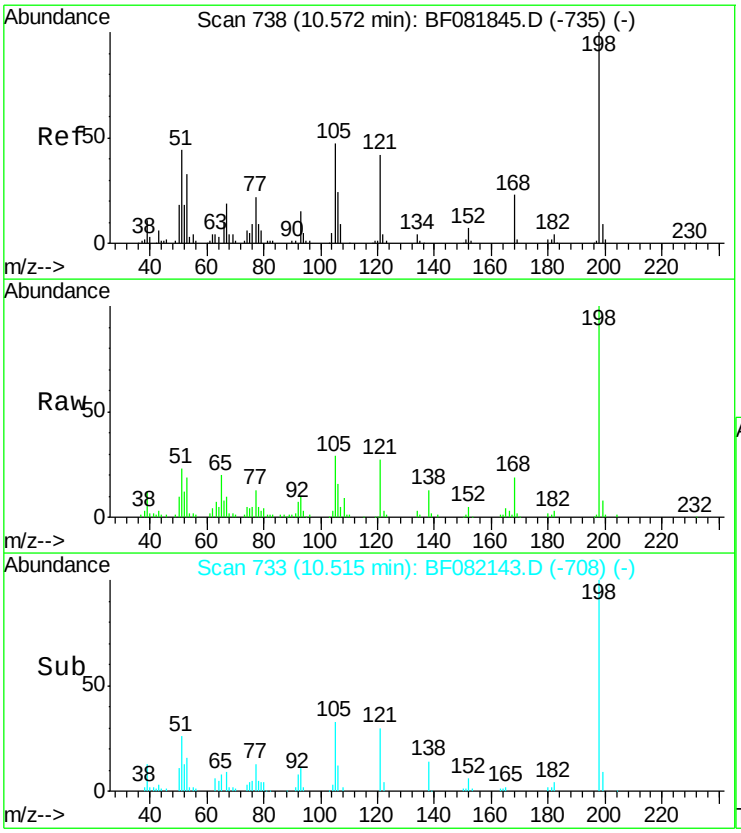
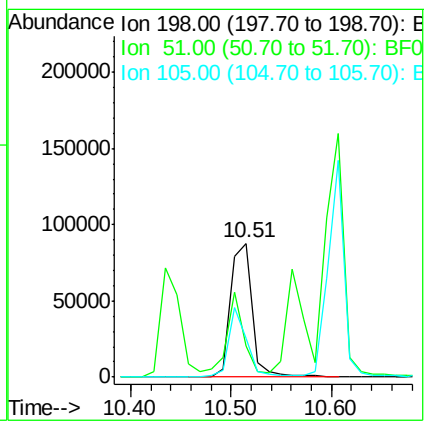
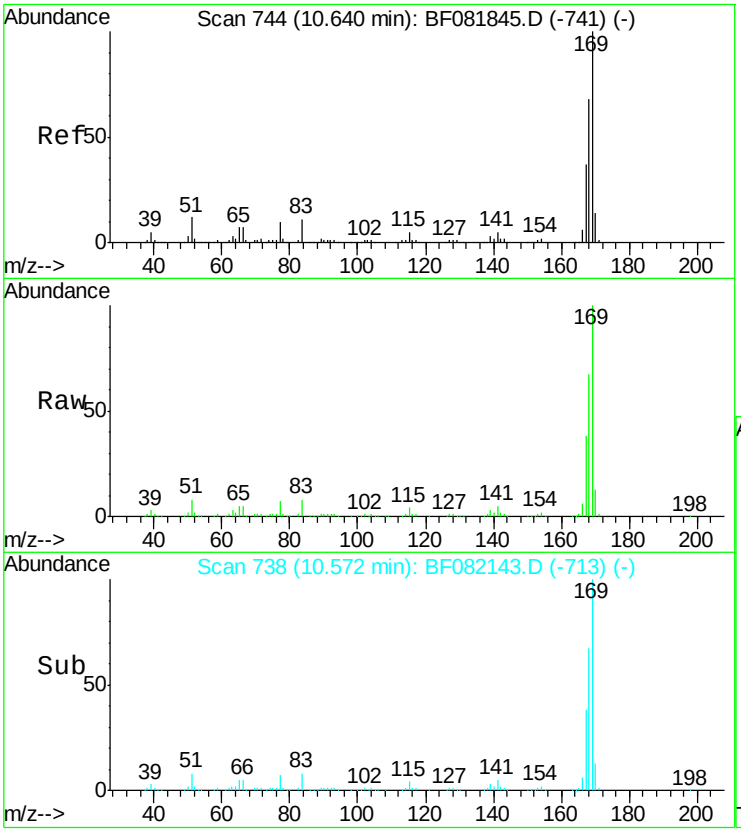



#64
4,6-Dinitro-2-methylphenol
Concen: 52.28 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:198 Resp: 131340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 23.1 | 39.6 | 79.6# |
| 105 | 28.6 | 28.5 | 68.5 |

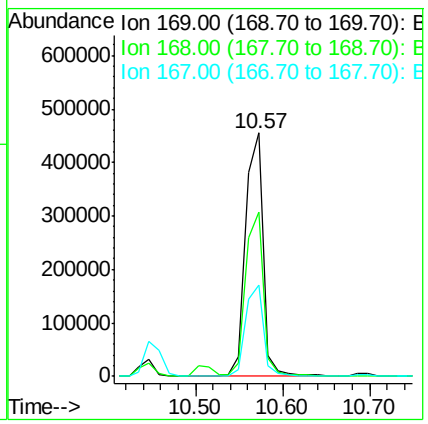





#65
n-Nitrosodiphenylamine
Concen: 39.33 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:169 Resp: 645245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 48.9 | 73.3 |
| 167 | 37.6 | 26.2 | 39.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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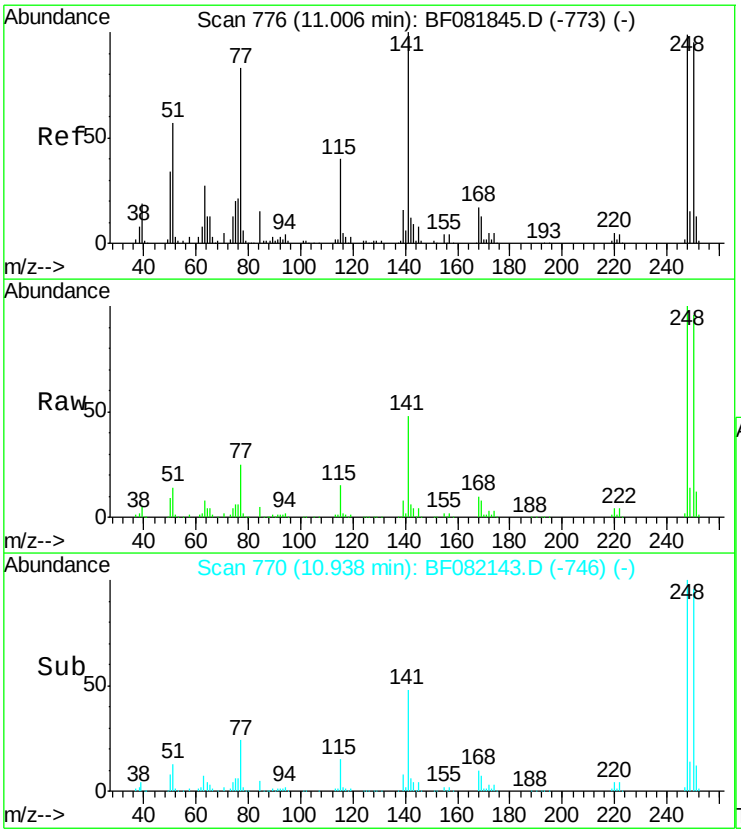
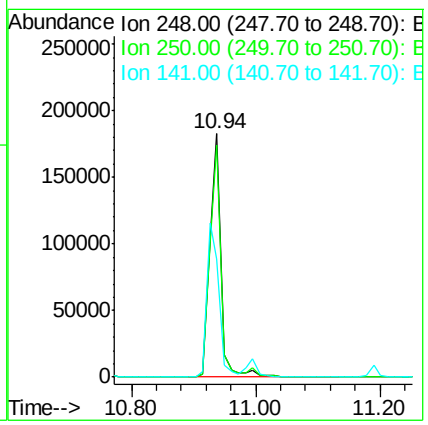
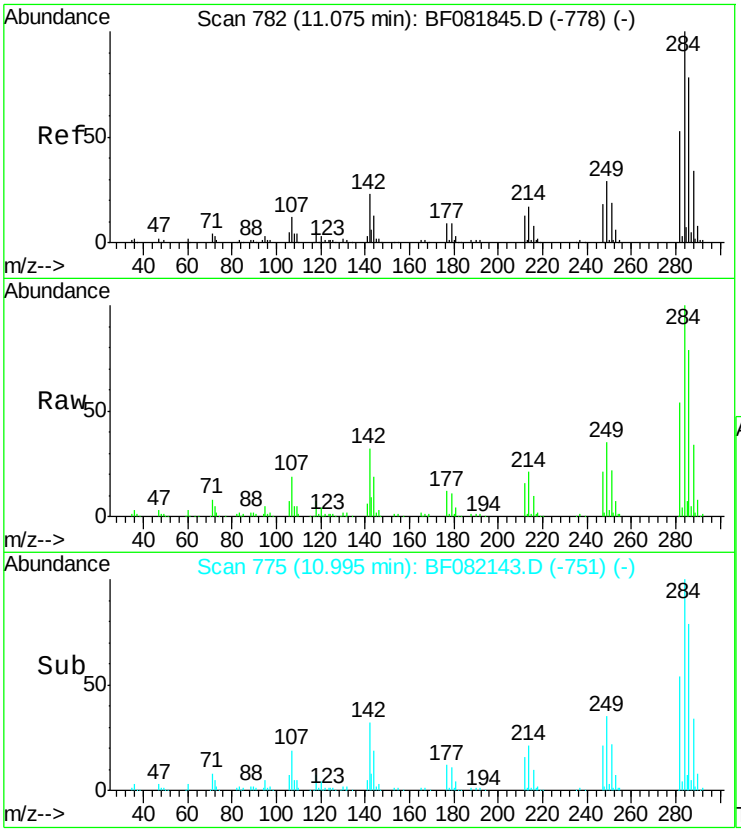



#66
4-Bromophenyl-phenylether
Concen: 41.32 ng
RT: 10.94 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:248 Resp: 225904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.5 | 78.5 | 117.7 |
| 141 | 48.4 | 59.0 | 88.6# |

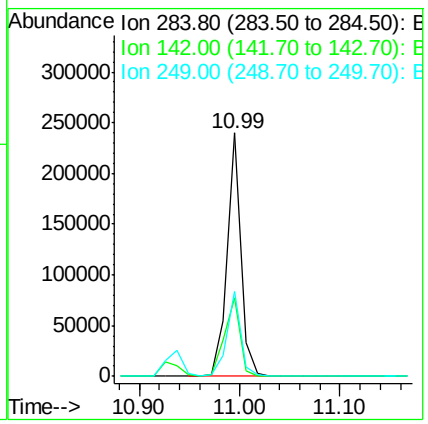





#67
Hexachlorobenzene
Concen: 37.21 ng
RT: 10.99 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:284 Resp: 229622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.3 | 29.5 | 44.3 |
| 249 | 35.0 | 19.5 | 29.3# |




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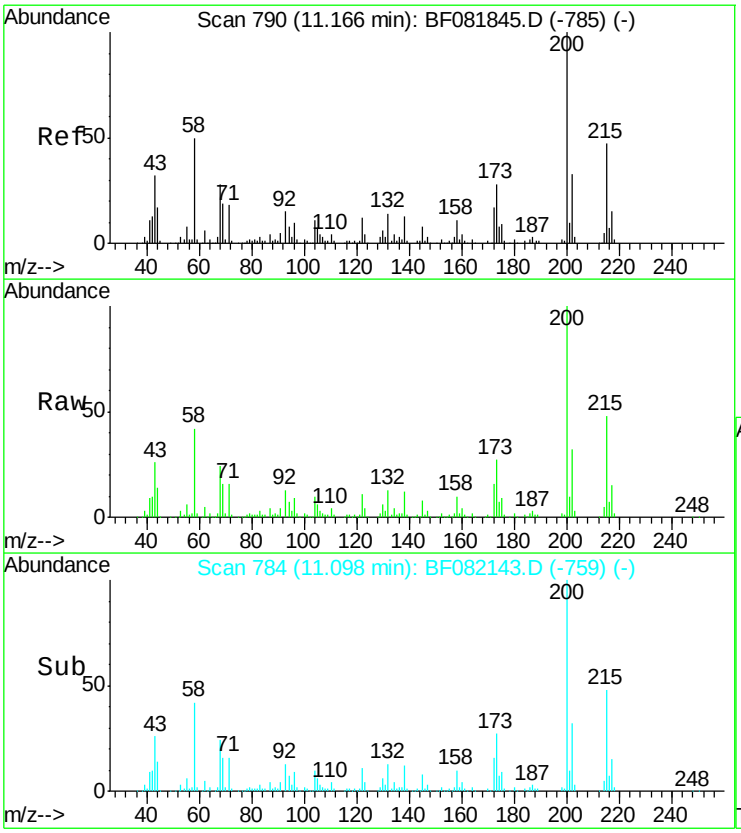
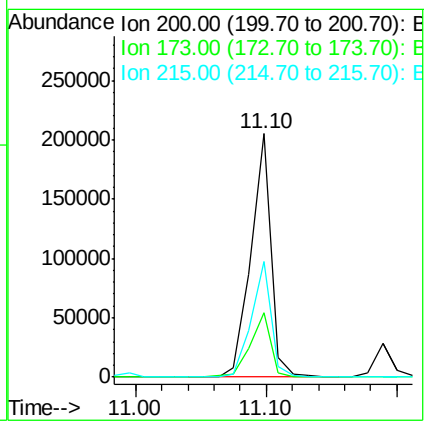
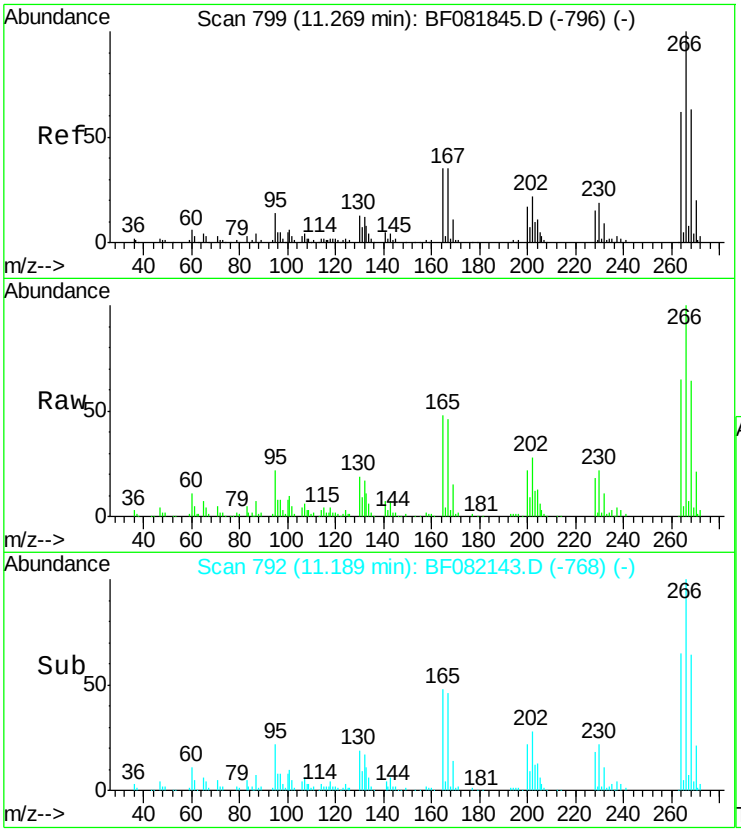



#68
Atrazine
Concen: 43.35 ng
RT: 11.10 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:200 Resp: 220651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.6 | 13.2 | 53.2 |
| 215 | 47.5 | 41.8 | 81.8 |

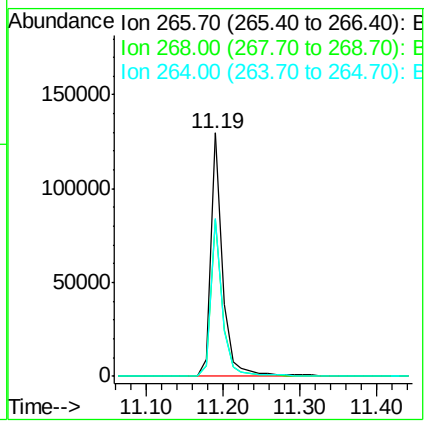





#69
Pentachlorophenol
Concen: 39.30 ng
RT: 11.19 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:266 Resp: 138174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 49.8 | 74.6 |
| 264 | 64.6 | 50.2 | 75.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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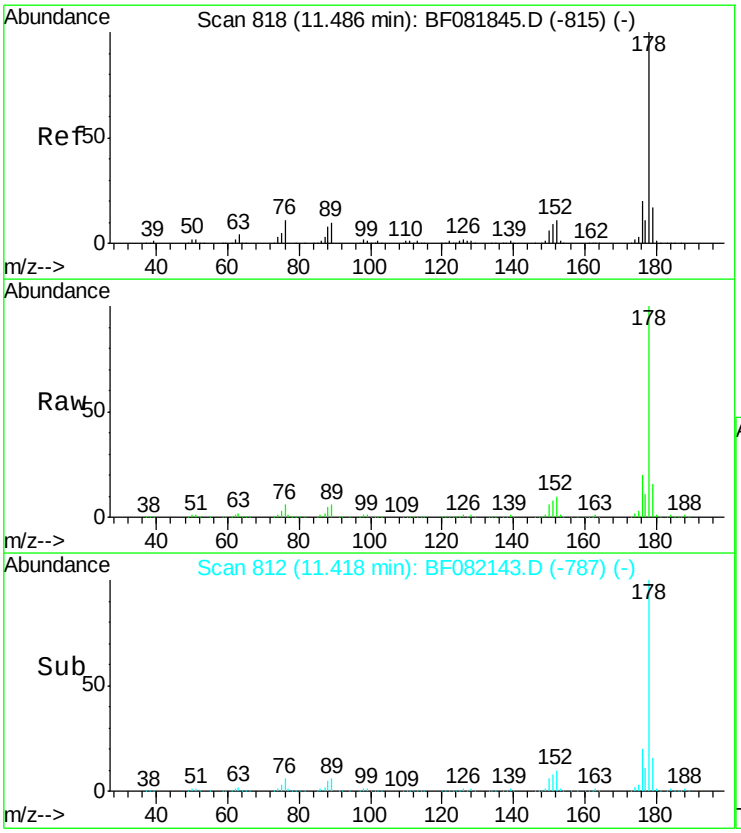
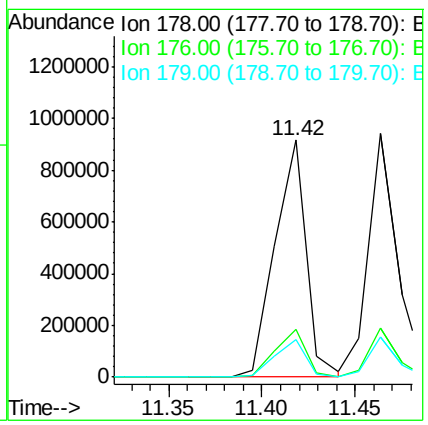
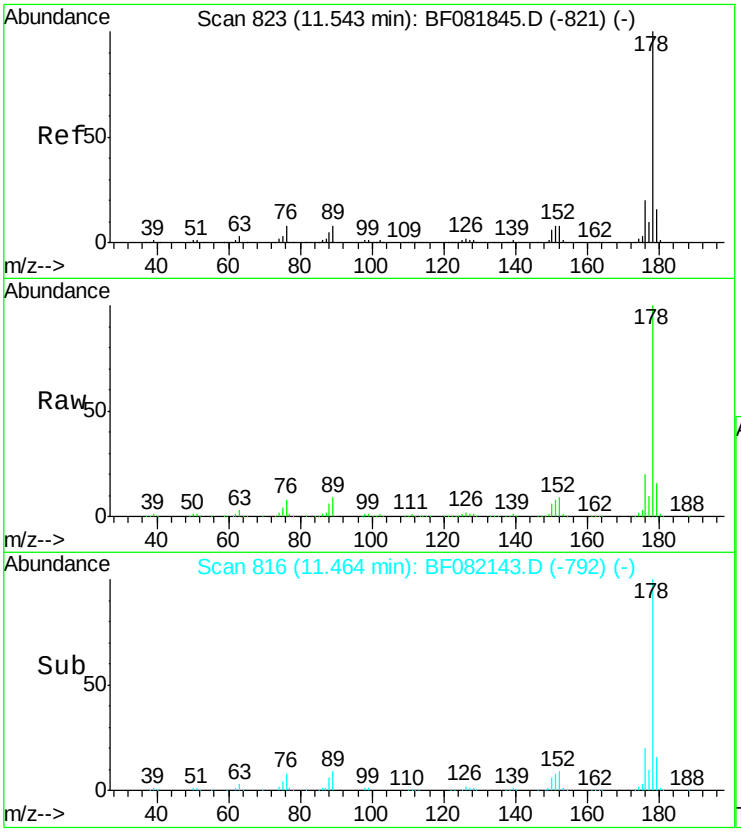



#70
Phenanthrene
Concen: 40.56 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:178 Resp: 1062649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 13.8 | 20.8 |
| 179 | 15.7 | 12.2 | 18.2 |

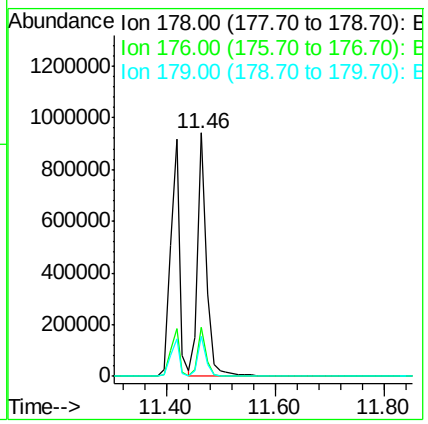





#71
Anthracene
Concen: 38.02 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:178 Resp: 1047946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 14.1 | 21.1 |
| 179 | 16.4 | 12.2 | 18.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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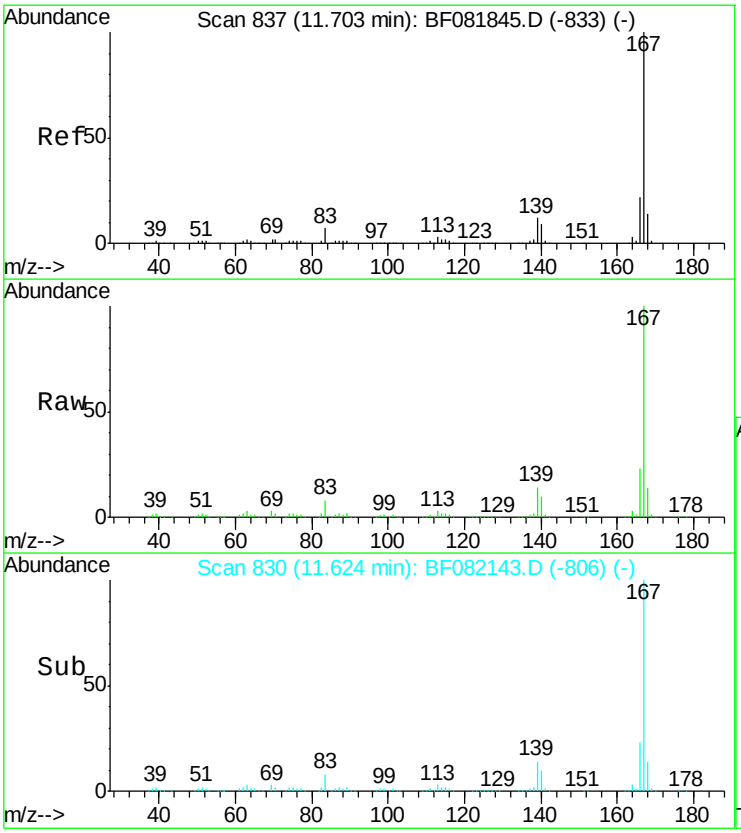
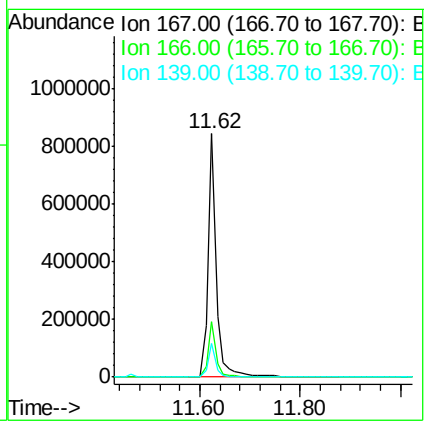
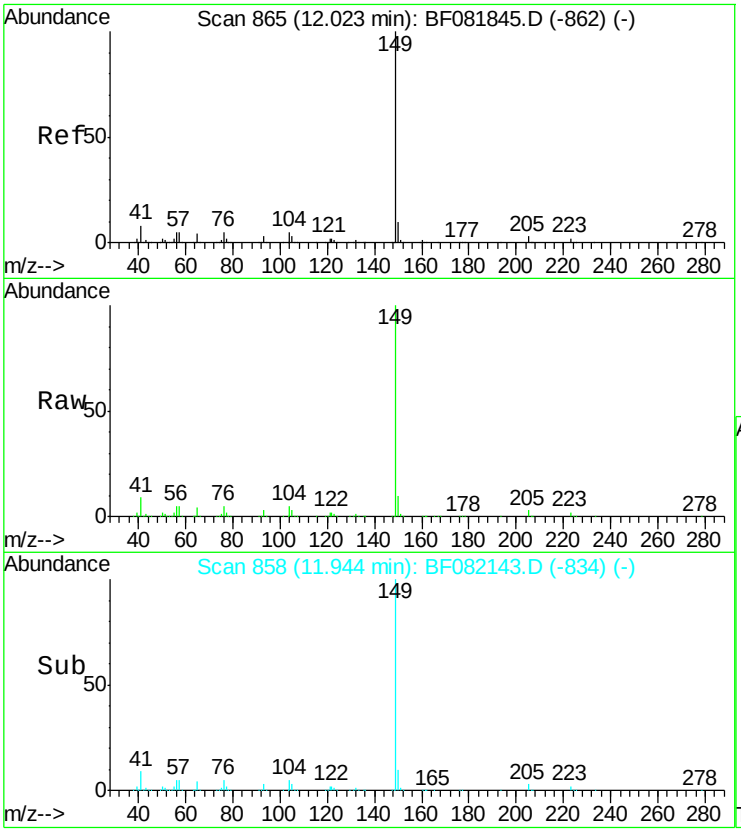



#72
Carbazole
Concen: 38.41 ng
RT: 11.62 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:167 Resp: 958152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.7 | 15.7 | 23.5 |
| 139 | 13.8 | 9.5 | 14.3 |

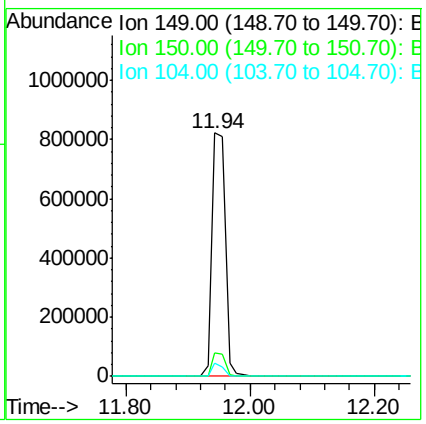





#73
Di-n-butylphthalate
Concen: 47.00 ng
RT: 11.94 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:149 Resp: 1192575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.8 | 7.4 | 11.2 |
| 104 | 5.3 | 2.4 | 3.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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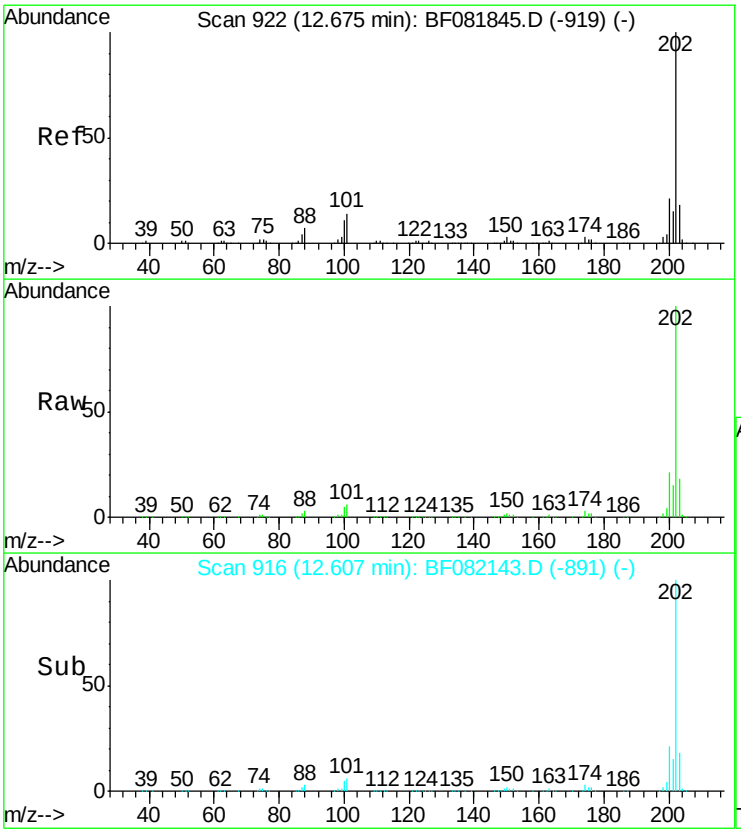
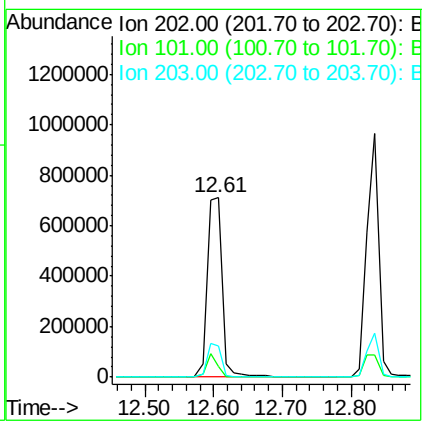
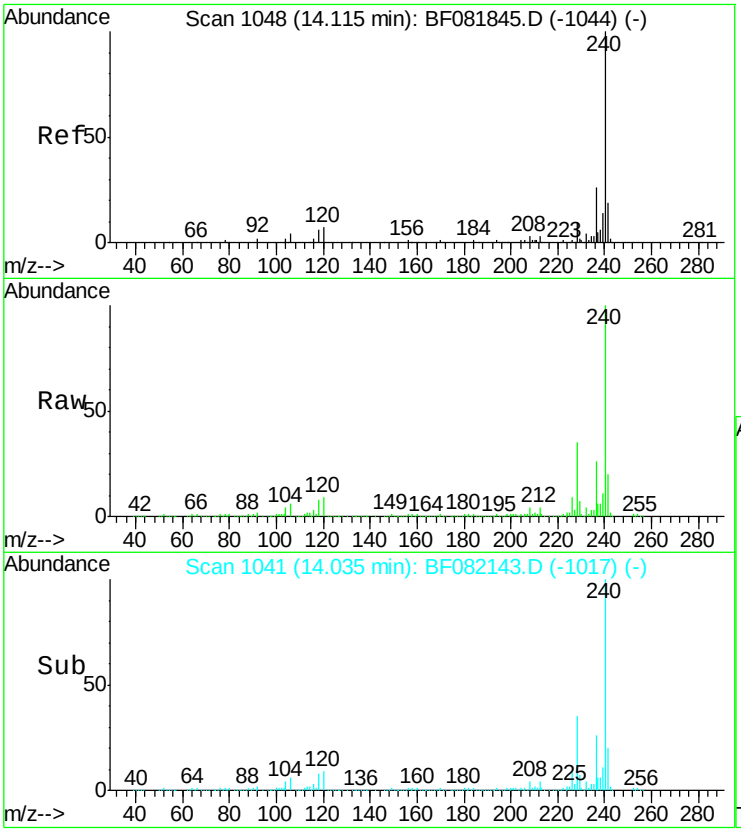



#74
Fluoranthene
Concen: 37.42 ng
RT: 12.61 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:202 Resp: 1087023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.2 | 0.0 | 38.3 |
| 203 | 17.6 | 0.0 | 37.3 |

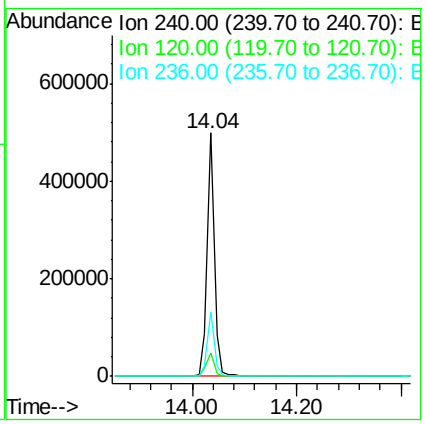





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:240 Resp: 483032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 16.2 | 24.2# |
| 236 | 26.3 | 18.4 | 27.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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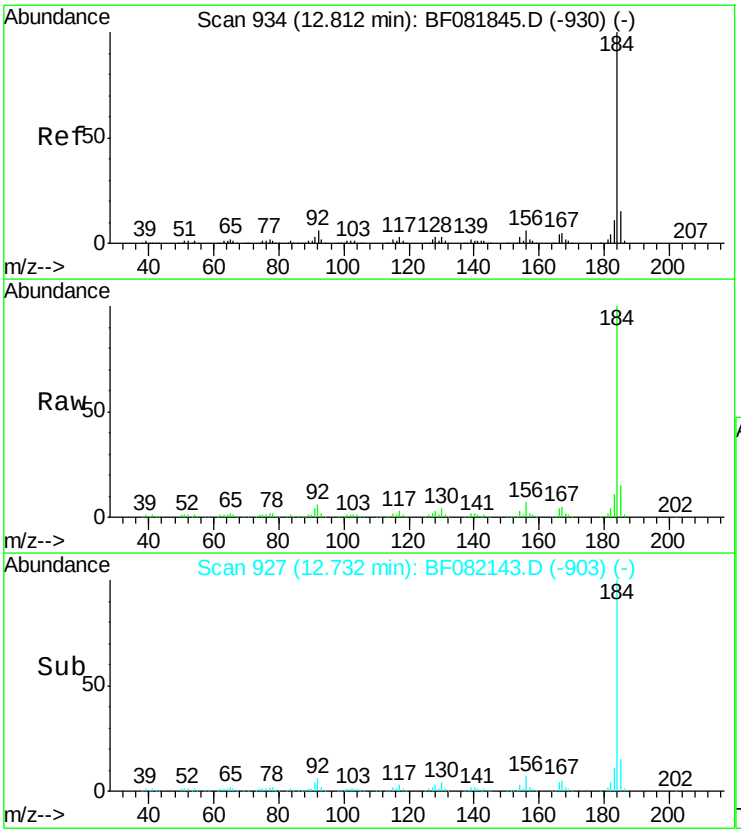
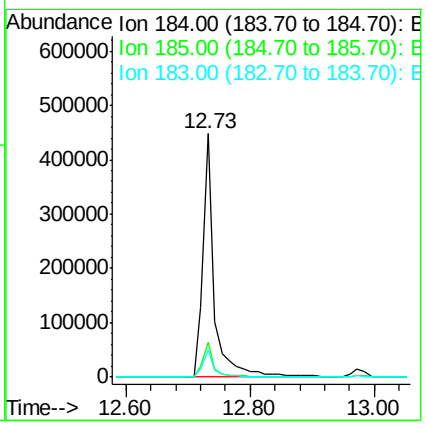
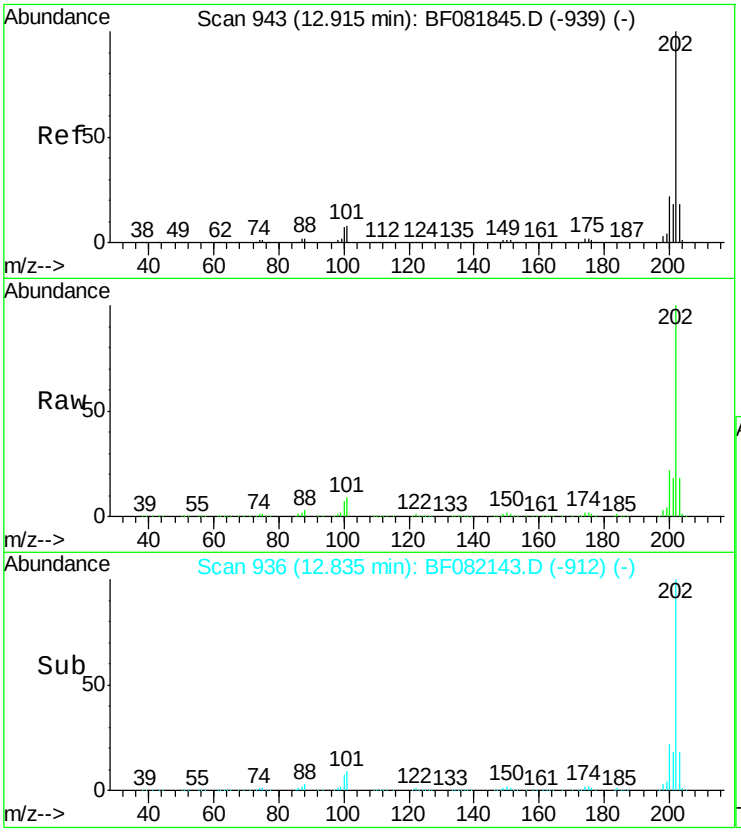



#76
Benzidine
Concen: 39.60 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:184 Resp: 576379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 11.8 | 17.6 |
| 183 | 11.4 | 7.6 | 11.4# |

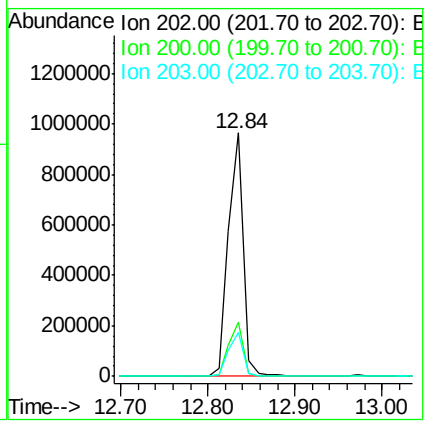





#77
Pyrene
Concen: 39.71 ng
RT: 12.84 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:202 Resp: 1145850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.3 | 15.0 | 22.4 |
| 203 | 17.9 | 14.1 | 21.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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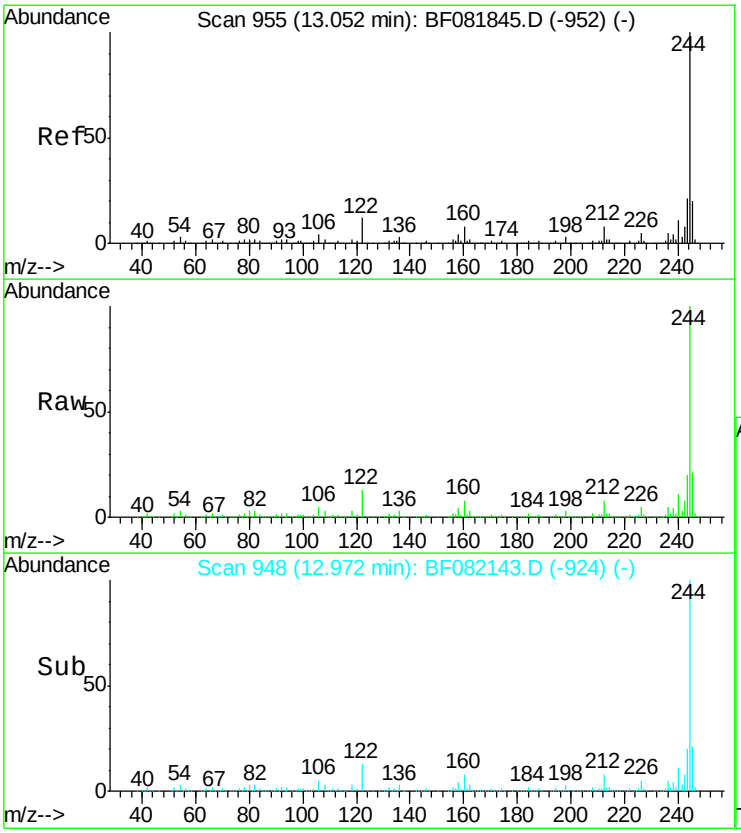
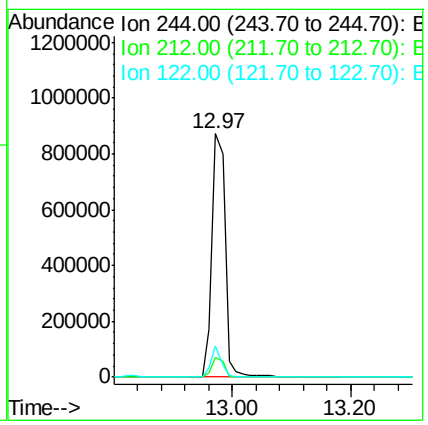
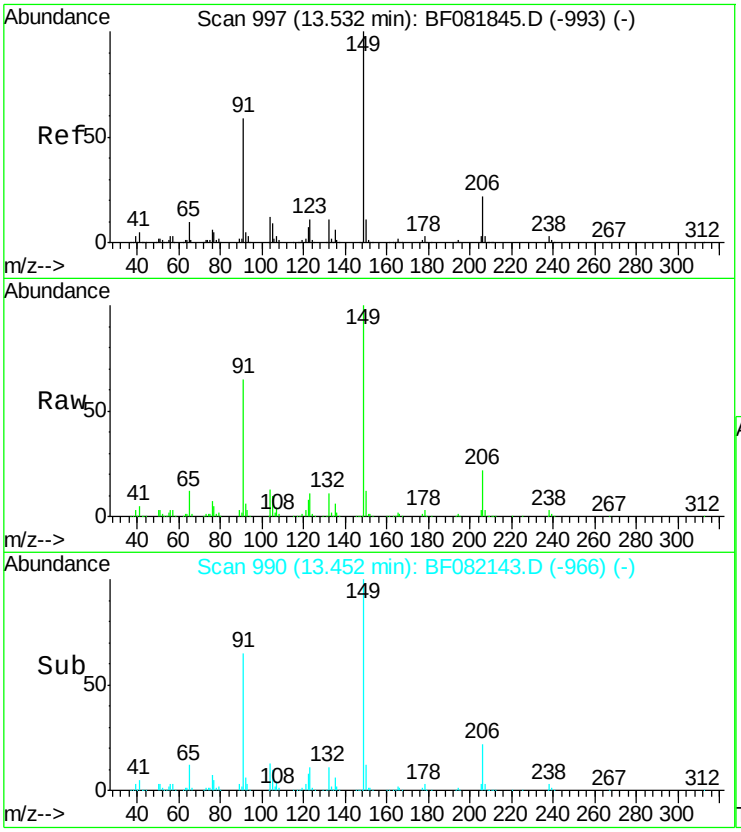



#78
Terphenyl-d14
Concen: 92.38 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:244 Resp: 1348703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 4.3 | 6.5# |
| 122 | 12.7 | 17.4 | 26.2# |

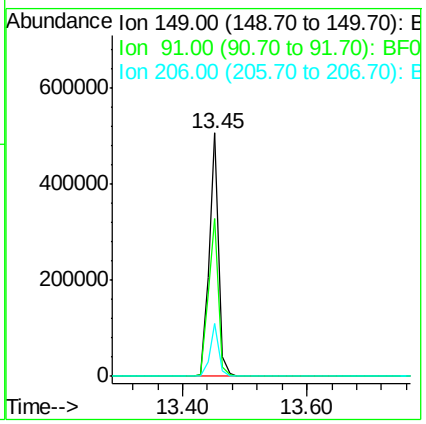





#79
Butylbenzylphthalate
Concen: 48.75 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:149 Resp: 529297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.9 | 48.6 | 72.8 |
| 206 | 21.7 | 14.9 | 22.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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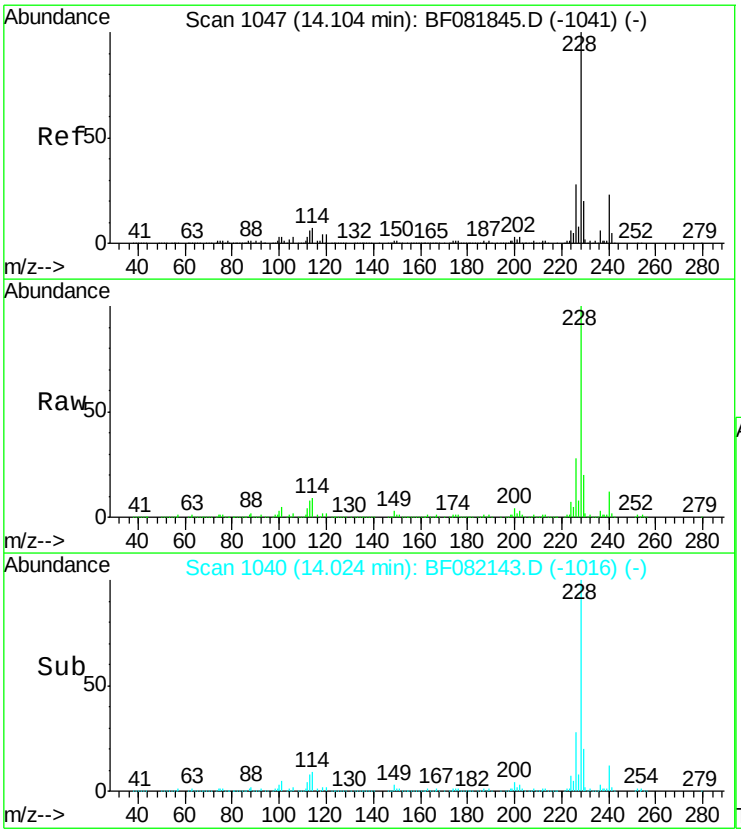
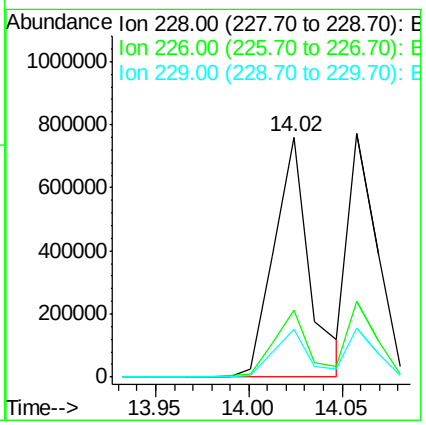
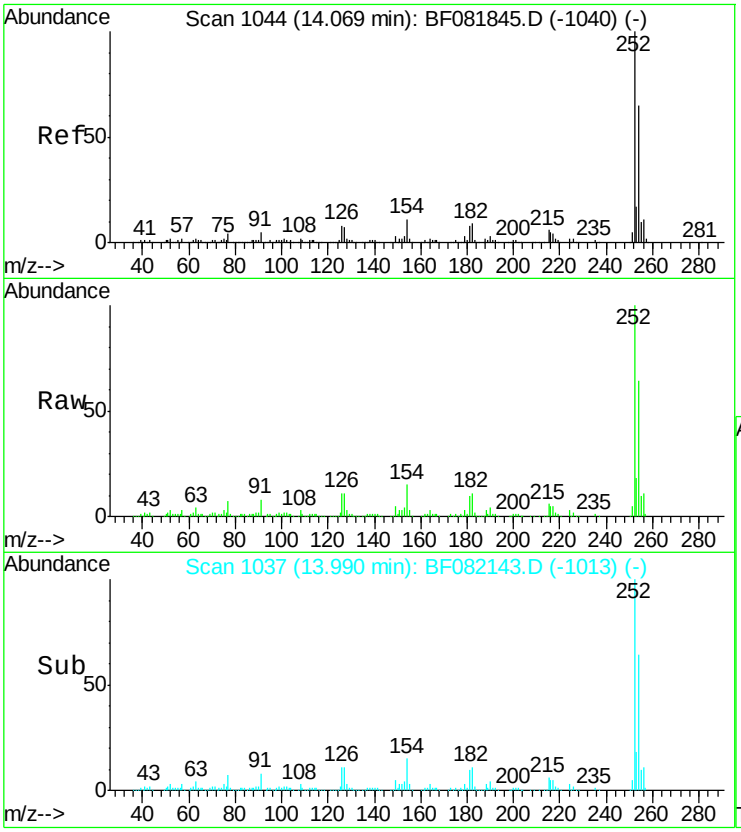



#80
Benzo(a)anthracene
Concen: 38.50 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:228 Resp: 1001368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.1 | 20.0 | 30.0 |
| 229 | 20.2 | 15.4 | 23.2 |

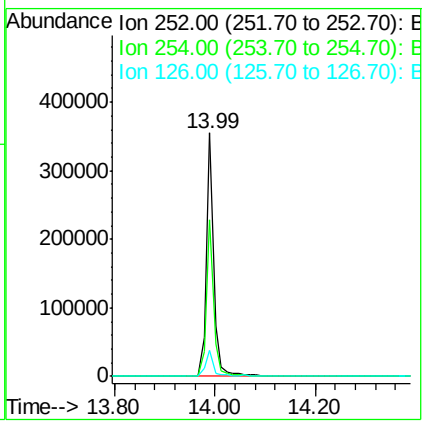





#81
3,3'-Dichlorobenzidine
Concen: 41.34 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:252 Resp: 363158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.4 | 77.2 |
| 126 | 10.9 | 16.4 | 24.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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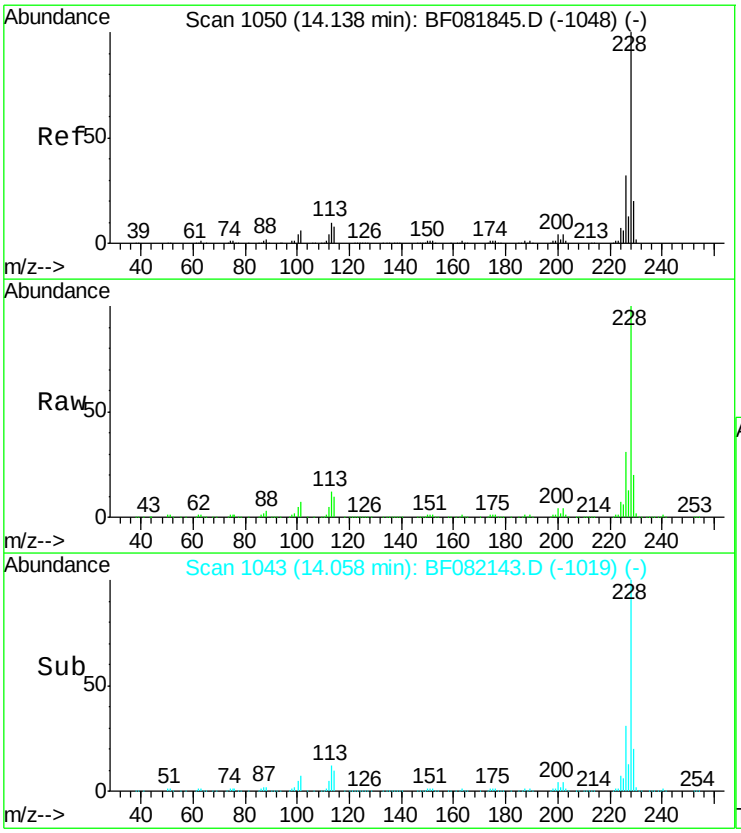
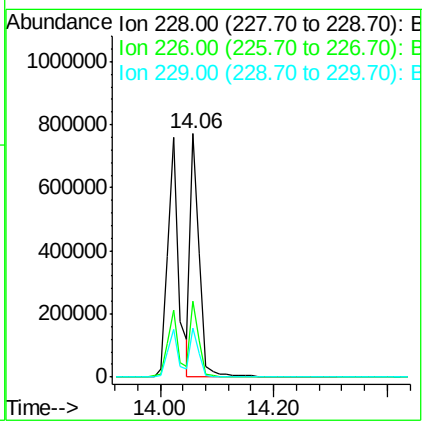
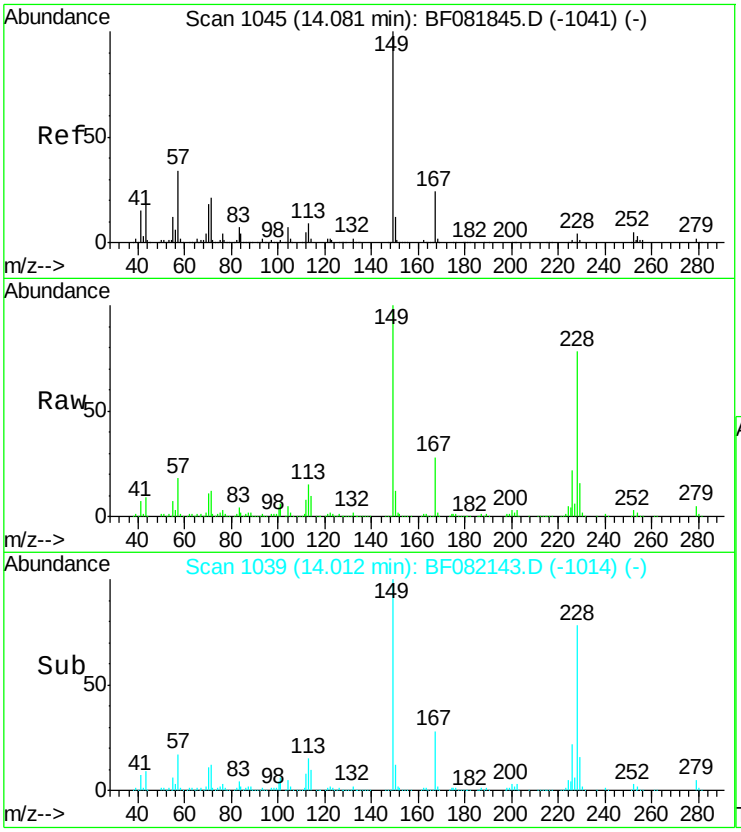



#82
Chrysene
Concen: 33.97 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:228 Resp: 865831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 21.0 | 31.4 |
| 229 | 20.2 | 15.6 | 23.4 |

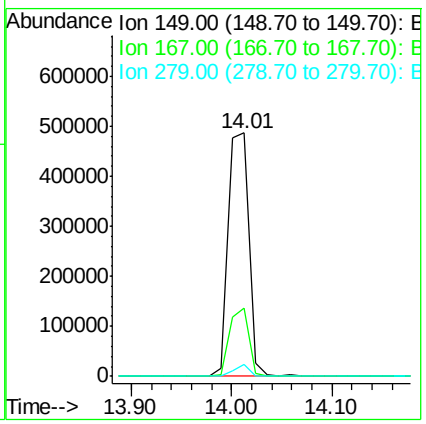





#83
Bis(2-ethylhexyl)phthalate
Concen: 51.25 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:149 Resp: 698053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 24.2 | 36.2 |
| 279 | 5.0 | 3.8 | 5.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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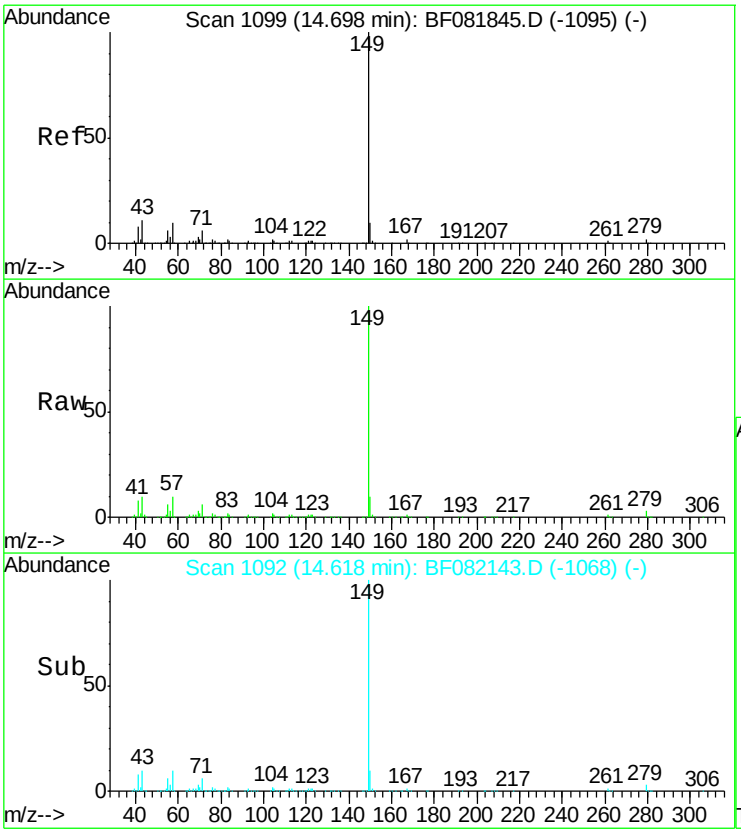
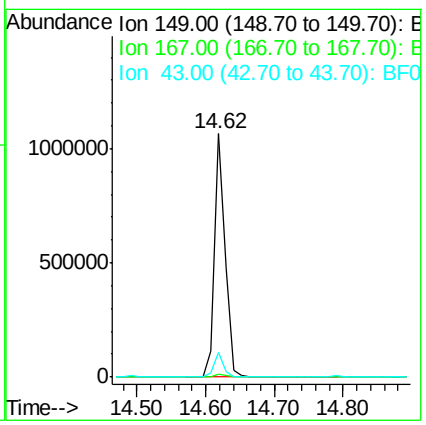
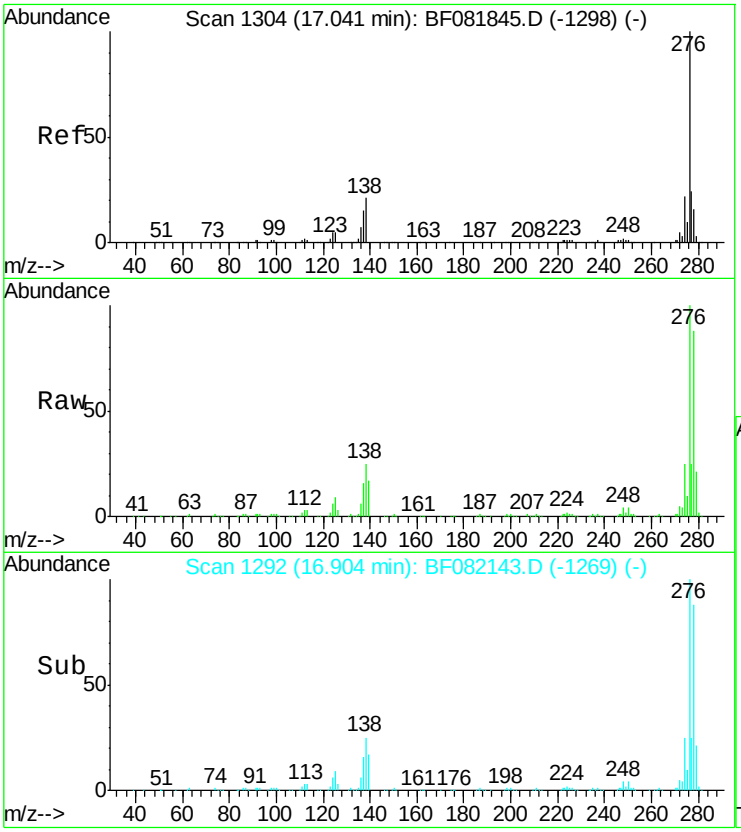



#84
Di-n-octyl phthalate
Concen: 52.68 ng
RT: 14.62 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:149 Resp: 1167631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.0 | 1.6 |
| 43 | 9.3 | 10.2 | 15.2# |






#85
Indeno(1,2,3-cd)pyrene
Concen: 37.92 ng
RT: 16.90 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:276 Resp: 771562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.0 | 25.7 | 38.5# |
| 277 | 25.2 | 15.6 | 23.4# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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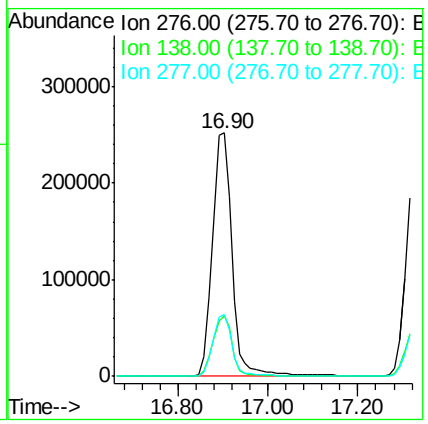
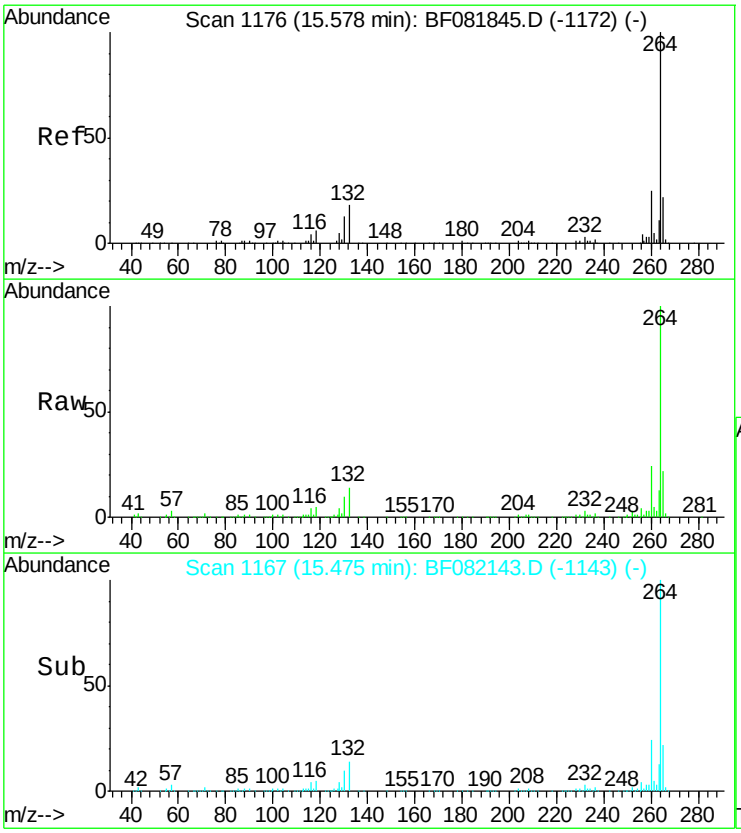
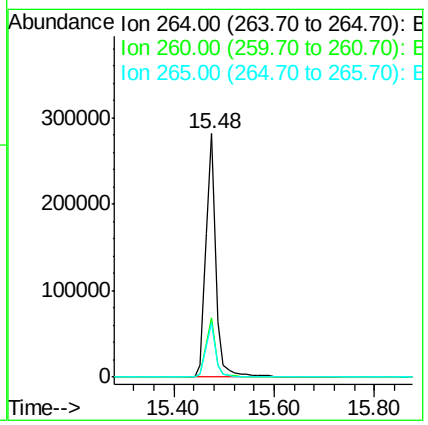


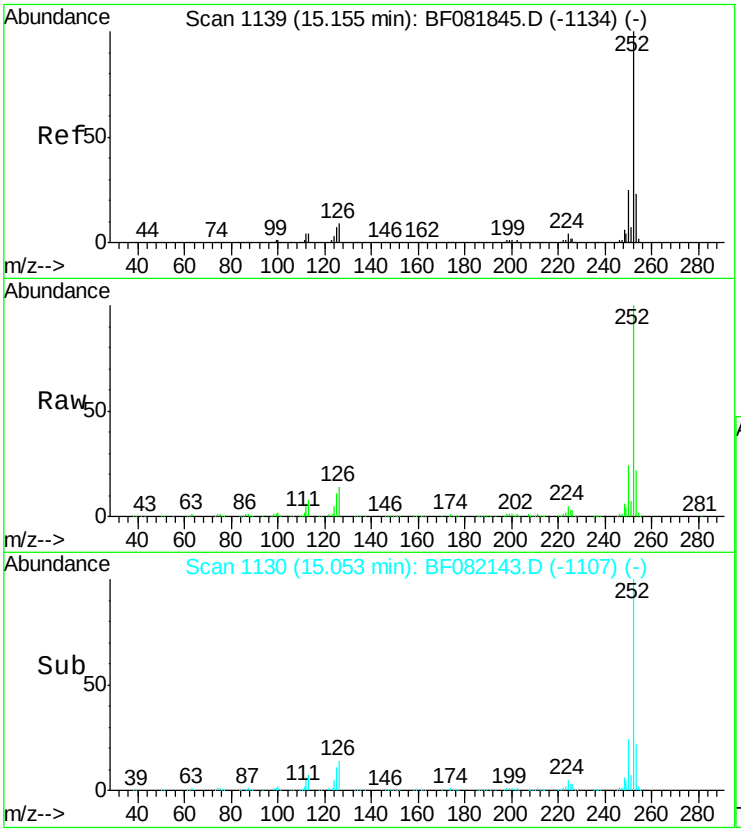




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:264 Resp: 393174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 16.7 | 25.1 |
| 265 | 22.4 | 17.2 | 25.8 |






#87
Benzo(b)fluoranthene
Concen: 41.88 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:252 Resp: 940130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.5 | 26.3 |
| 125 | 10.5 | 17.1 | 25.7# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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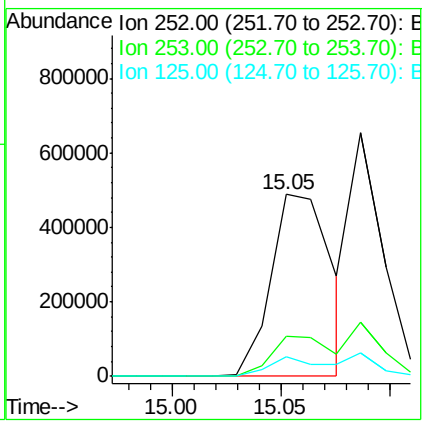
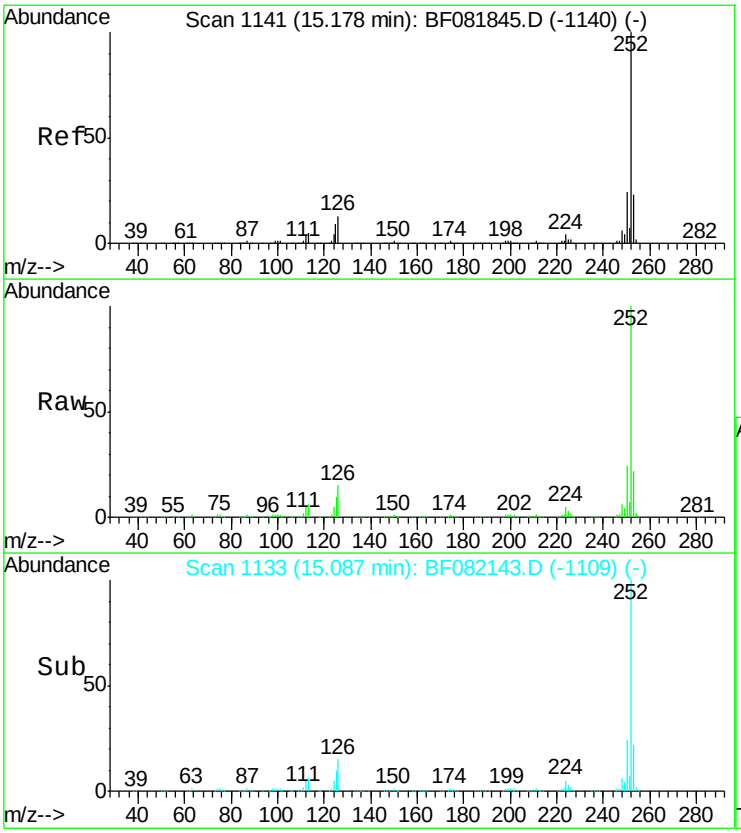
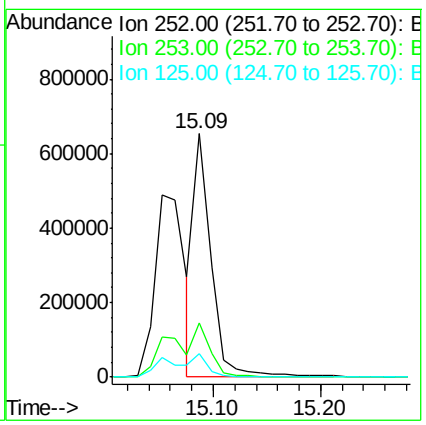


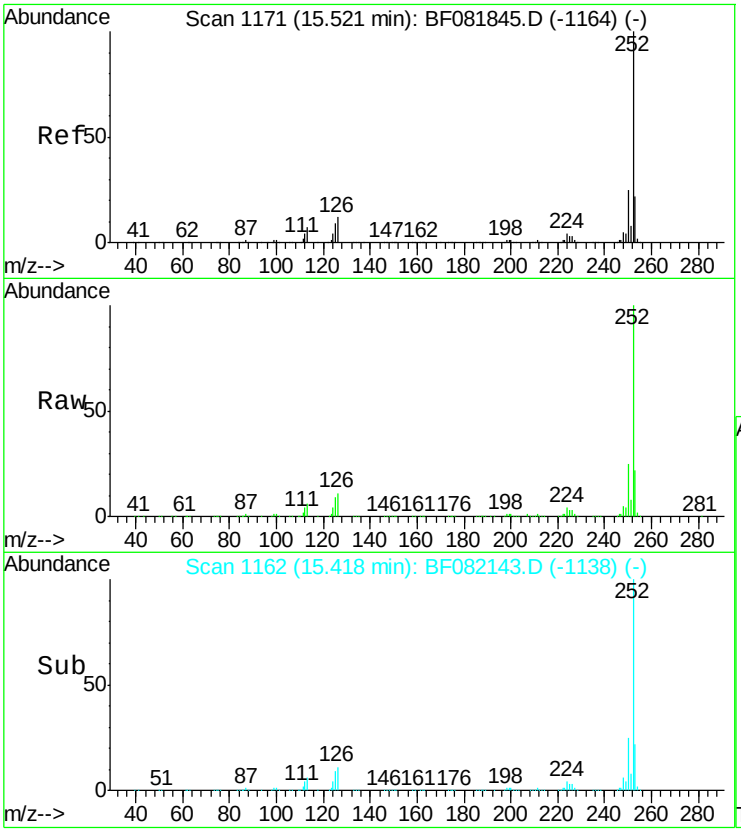




#88
Benzo(k)fluoranthene
Concen: 35.74 ng m
RT: 15.09 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:252 Resp: 735292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.0 | 25.4 |
| 125 | 9.9 | 16.0 | 24.0# |

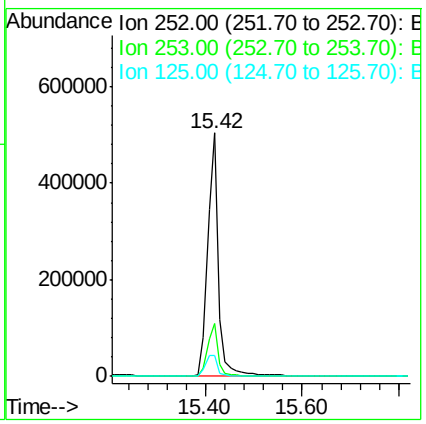





#89
Benzo(a)pyrene
Concen: 39.98 ng
RT: 15.42 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:252 Resp: 778465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.2 | 25.8 |
| 125 | 8.6 | 18.0 | 27.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

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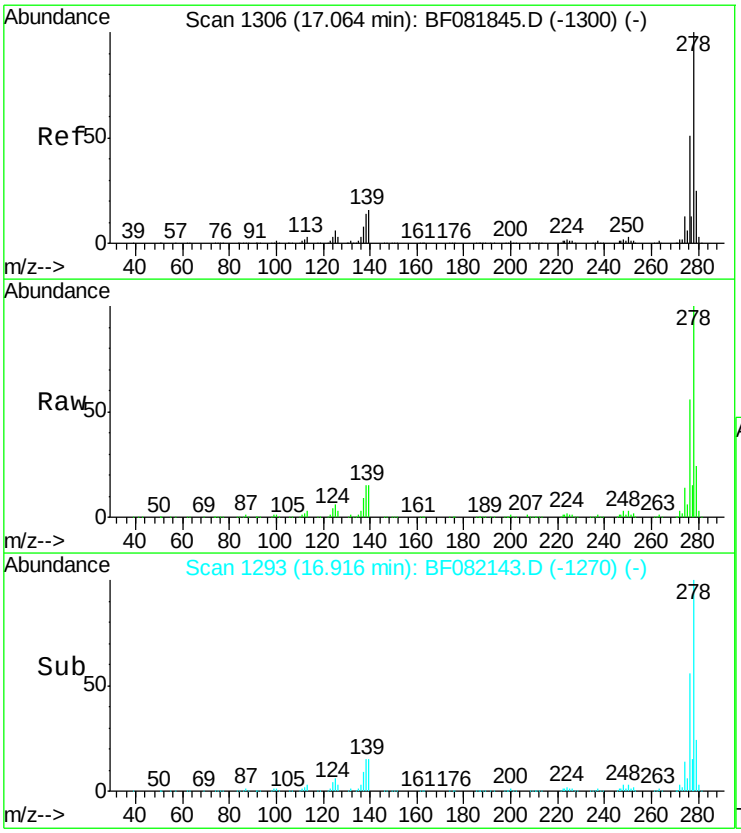
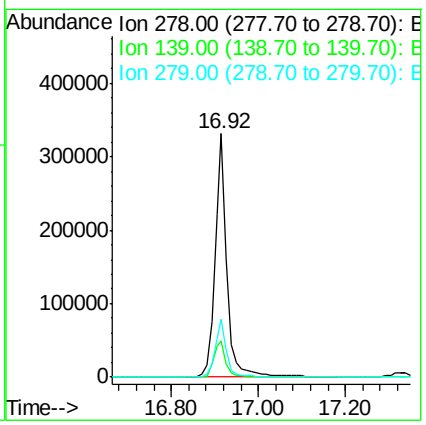
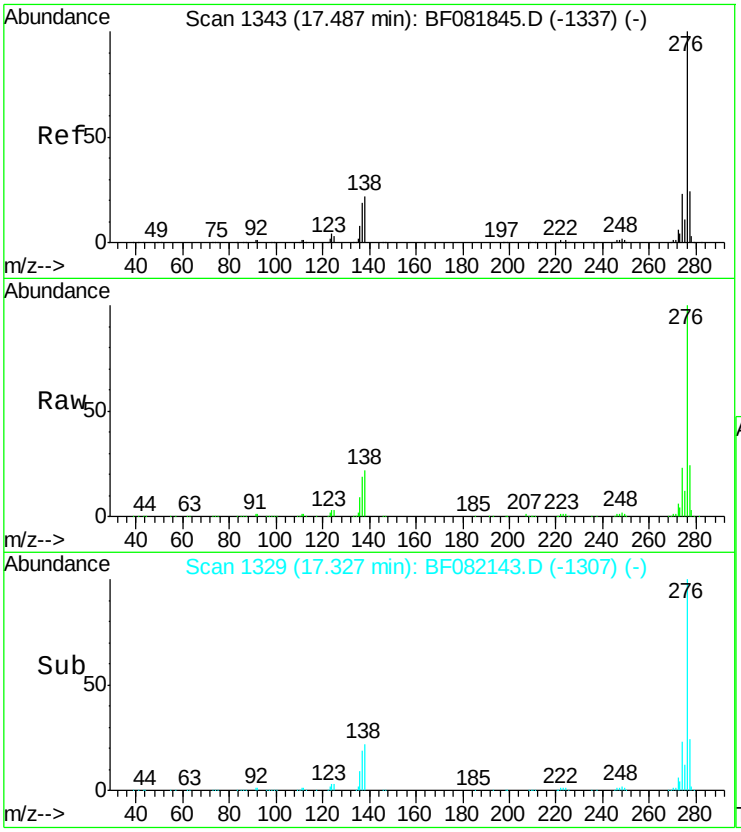



#90
Dibenzo(a,h)anthracene
Concen: 39.34 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:278 Resp: 642784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 26.3 | 39.5# |
| 279 | 23.6 | 18.2 | 27.4 |

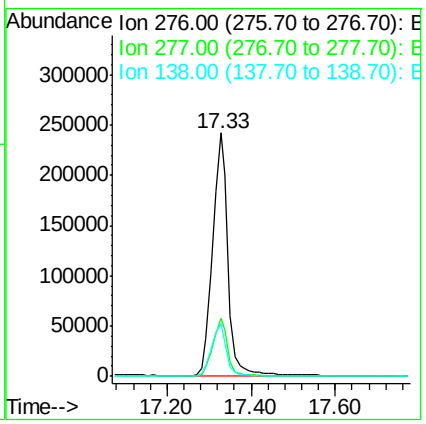





#91
Benzo(g,h,i)perylene
Concen: 36.72 ng
RT: 17.33 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:276 Resp: 614739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 17.8 | 26.6 |
| 138 | 21.8 | 34.6 | 51.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
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