Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083200.D
Acq On : 23 Nov 2015 13:09
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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11/24/2015 1:19:55 PM

Quant Time: Nov 24 05:24:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.64 | 152 | 207278 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.93 | 136 | 812478 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.68 | 164 | 408331 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.15 | 188 | 765517 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.78 | 240 | 657356 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.14 | 264 | 591797 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 1368581 | 99.82 | ng | | -0.02 |
| 7) Phenol-d6 | 6.31 | 99 | 1750062 | 98.66 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.21 | 82 | 1086077 | 61.08 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.47 | 330 | 368555 | 88.22 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.02 | 172 | 1818406 | 62.10 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.74 | 244 | 1845734 | 66.12 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.19 | 88 | 166599 | 24.53 | ng | # | 87 |
| 3) Pyridine | 2.86 | 79 | 515755 | 28.75 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 2.79 | 42 | 256692 | 31.03 | ng | | 94 |
| 6) Aniline | 6.31 | 93 | 470294 | 21.69 | ng | # | 85 |
| 8) 2-Chlorophenol | 6.43 | 128 | 474207 | 32.01 | ng | | 94 |
| 9) Benzaldehyde | 6.18 | 77 | 336265 | 37.00 | ng | | 96 |
| 10) Phenol | 6.32 | 94 | 588875 | 27.44 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.39 | 93 | 495287 | 32.32 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.58 | 146 | 506151m | 29.93 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.66 | 146 | 511532 | 29.90 | ng | | 92 |
| 14) 1,2-Dichlorobenzene | 6.81 | 146 | 478689 | 30.78 | ng | | 99 |
| 15) Benzyl Alcohol | 6.80 | 79 | 431017 | 29.08 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.94 | 45 | 885728 | 37.07 | ng | | 70 |
| 17) 2-Methylphenol | 6.92 | 107 | 377133 | 30.77 | ng | | 98 |
| 18) Hexachloroethane | 7.15 | 117 | 186534 | 30.95 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70 | 417326 | 33.80 | ng | # | 93 |
| 20) 3+4-Methylphenols | 7.08 | 107 | 530400 | 34.23 | ng | | 95 |
| 22) Acetophenone | 7.06 | 105 | 685820 | 29.40 | ng | # | 97 |
| 24) Nitrobenzene | 7.23 | 77 | 599053 | 31.53 | ng | | 95 |
| 25) Isophorone | 7.47 | 82 | 1005326 | 29.86 | ng | | 98 |
| 26) 2-Nitrophenol | 7.55 | 139 | 253375 | 30.21 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.61 | 122 | 441503 | 32.98 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93 | 598580 | 30.58 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.80 | 162 | 410959 | 32.28 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.87 | 180 | 420081 | 30.04 | ng | | 96 |
| 31) Naphthalene | 7.95 | 128 | 1355391 | 30.91 | ng | | 100 |
| 32) Benzoic acid | 7.76 | 122 | 293002 | 28.16 | ng | | 95 |
| 33) 4-Chloroaniline | 8.01 | 127 | 225571 | 13.26 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.08 | 225 | 247892 | 29.99 | ng | | 99 |
| 35) Caprolactam | 8.39 | 113 | 129624m | 31.77 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.51 | 107 | 433407 | 29.39 | ng | | 88 |
| 37) 2-Methylnaphthalene | 8.64 | 142 | 846890 | 29.76 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 394930 | 29.84 | ng | # | 98 |
| 40) Hexachlorocyclopentadiene | 8.80 | 237 | 432392 | 57.46 | ng | | 100 |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083200.D
Acq On : 23 Nov 2015 13:09
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86810BS

**Manual Integrations APPROVED**
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11/24/2015 1:19:55 PM

Quant Time: Nov 24 05:24:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.94 | 196 | 279447 | 29.48 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.97 | 196 | 291377 | 30.07 | ng | # | 80 |
| 45) 1,1'-Biphenyl | 9.11 | 154 | 1074646 | 30.92 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.13 | 162 | 864191 | 31.66 | ng | | 97 |
| 47) 2-Nitroaniline | 9.23 | 65 | 323391 | 33.49 | ng | | 96 |
| 48) Acenaphthylene | 9.54 | 152 | 1344383 | 31.78 | ng | | 99 |
| 49) Dimethylphthalate | 9.42 | 163 | 938301 | 29.85 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.47 | 165 | 207168 | 29.37 | ng | | 95 |
| 51) Acenaphthene | 9.71 | 154 | 818772 | 31.80 | ng | | 98 |
| 52) 3-Nitroaniline | 9.64 | 138 | 133972 | 17.81 | ng | # | 74 |
| 53) 2,4-Dinitrophenol | 9.75 | 184 | 252690 | 62.18 | ng | # | 84 |
| 54) Dibenzofuran | 9.88 | 168 | 1163740 | 31.97 | ng | | 98 |
| 55) 4-Nitrophenol | 9.84 | 139 | 372659 | 64.62 | ng | | 87 |
| 56) 2,4-Dinitrotoluene | 9.87 | 165 | 271612 | 30.39 | ng | | 99 |
| 57) Fluorene | 10.23 | 166 | 959949 | 31.91 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.01 | 232 | 251472m | 31.63 | ng | | |
| 59) Diethylphthalate | 10.11 | 149 | 928525 | 29.67 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204 | 419971 | 30.48 | ng | | 99 |
| 61) 4-Nitroaniline | 10.26 | 138 | 232050 | 31.34 | ng | | 95 |
| 62) Azobenzene | 10.38 | 77 | 1178246 | 32.99 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.28 | 198 | 179733 | 34.08 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 10.34 | 169 | 774782 | 29.76 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.71 | 248 | 269400 | 31.71 | ng | | 92 |
| 67) Hexachlorobenzene | 10.76 | 284 | 288335 | 30.82 | ng | # | 86 |
| 68) Atrazine | 10.88 | 200 | 277232 | 36.67 | ng | | 99 |
| 69) Pentachlorophenol | 10.97 | 266 | 343499 | 56.37 | ng | | 98 |
| 70) Phenanthrene | 11.18 | 178 | 1341632 | 30.42 | ng | | 100 |
| 71) Anthracene | 11.23 | 178 | 1440556 | 32.01 | ng | | 99 |
| 72) Carbazole | 11.39 | 167 | 1317310 | 32.94 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.74 | 149 | 1523114 | 31.20 | ng | # | 97 |
| 74) Fluoranthene | 12.35 | 202 | 1360765 | 30.15 | ng | | 96 |
| 76) Benzidine | 12.49 | 184 | 633923 | 36.79 | ng | | 100 |
| 77) Pyrene | 12.58 | 202 | 1428877 | 31.82 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.22 | 149 | 672660 | 31.65 | ng | | 89 |
| 80) Benzo(a)anthracene | 13.77 | 228 | 1306612 | 32.14 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.74 | 252 | 257988 | 18.23 | ng | # | 97 |
| 82) Chrysene | 13.81 | 228 | 1182714 | 31.37 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149 | 866876 | 31.23 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.39 | 149 | 1436044 | 30.05 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.40 | 276 | 977387 | 28.50 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.78 | 252 | 1411899m | 34.92 | ng | | |
| 88) Benzo(k)fluoranthene | 14.80 | 252 | 814427m | 27.03 | ng | | |
| 89) Benzo(a)pyrene | 15.09 | 252 | 1022502 | 30.63 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 16.41 | 278 | 846143 | 27.90 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 16.77 | 276 | 799939 | 27.02 | ng | # | 92 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083200.D
Acq On : 23 Nov 2015 13:09
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 24 05:24:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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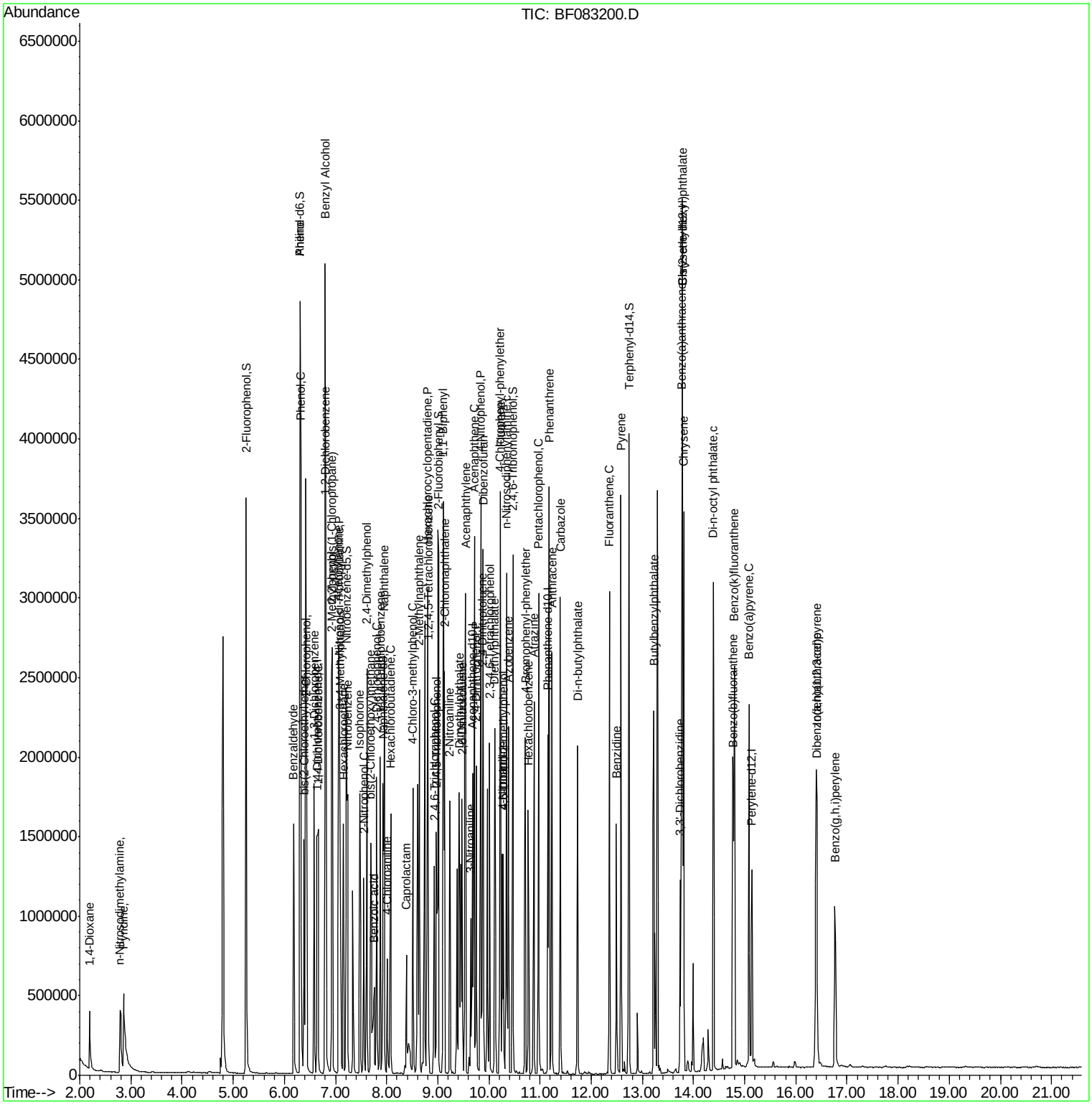
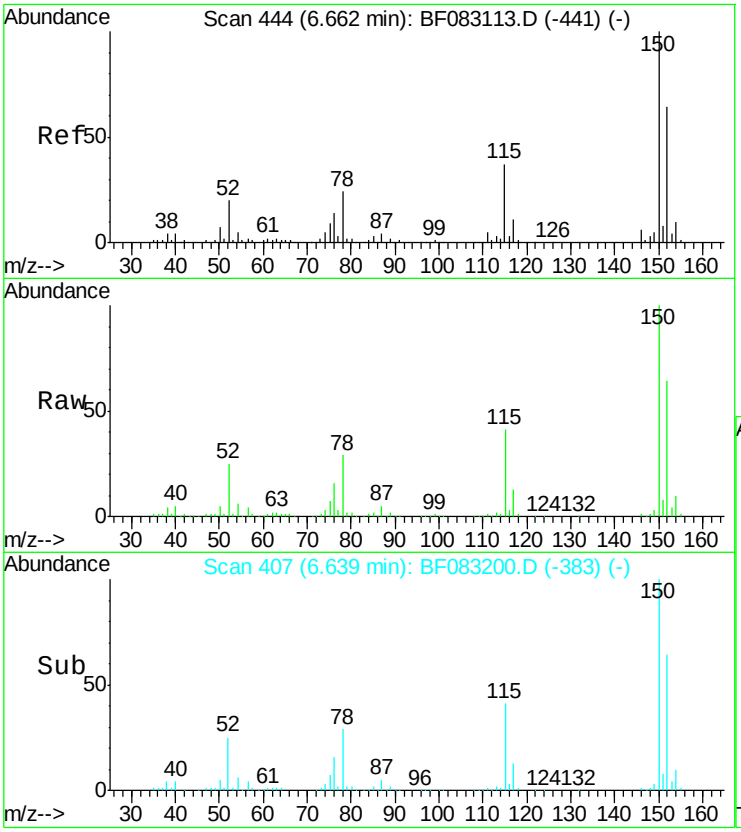
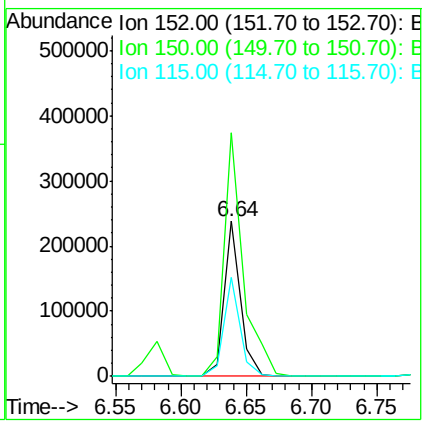





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

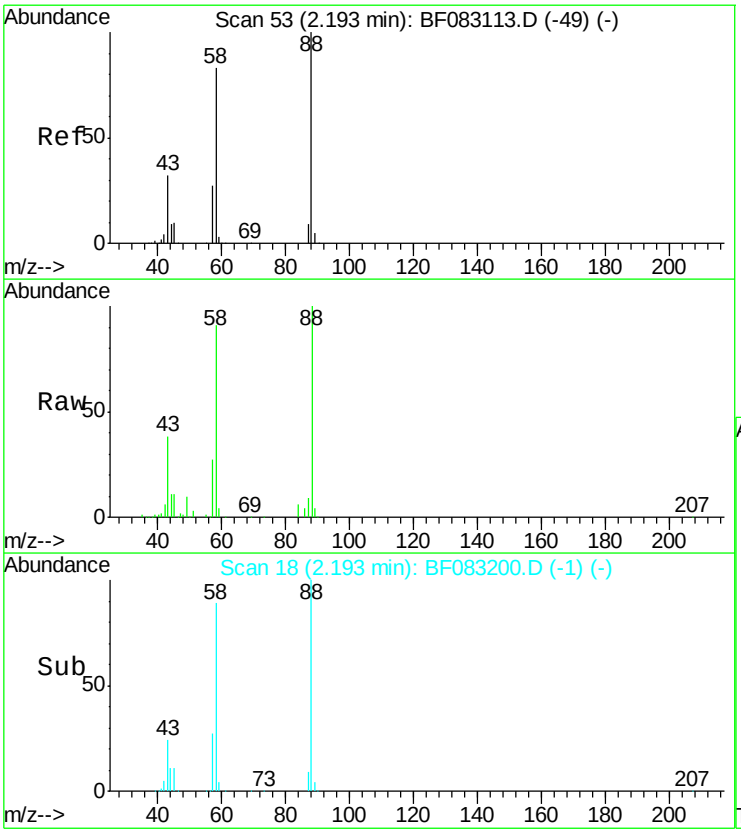
Tgt Ion:152 Resp: 207278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 125.8 | 188.8 |
| 115 | 63.9 | 46.9 | 70.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

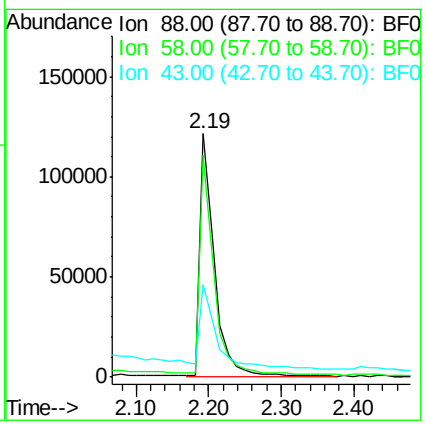
**Manual Integrations APPROVED**
Mmdadoda
11/24/2015 1:19:55 PM

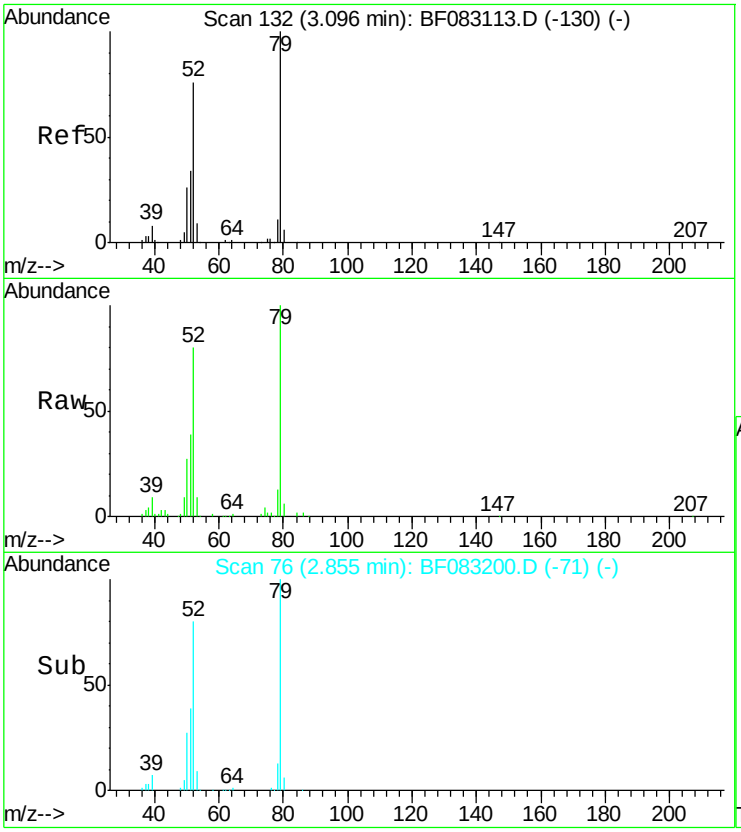



#2
1,4-Dioxane
Concen: 24.53 ng
RT: 2.19 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 88 Resp: 166599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.3 | 65.0 | 97.6 |
| 43 | 43.0 | 24.7 | 37.1# |

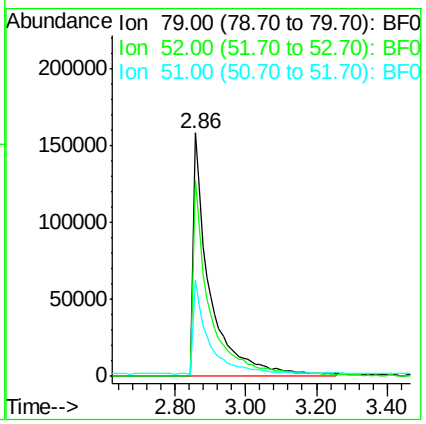





#3
Pyridine
Concen: 28.75 ng
RT: 2.86 min Scan# 76
Delta R.T. -0.24 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 79 Resp: 515755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.3 | 60.7 | 91.1 |
| 51 | 39.4 | 27.9 | 41.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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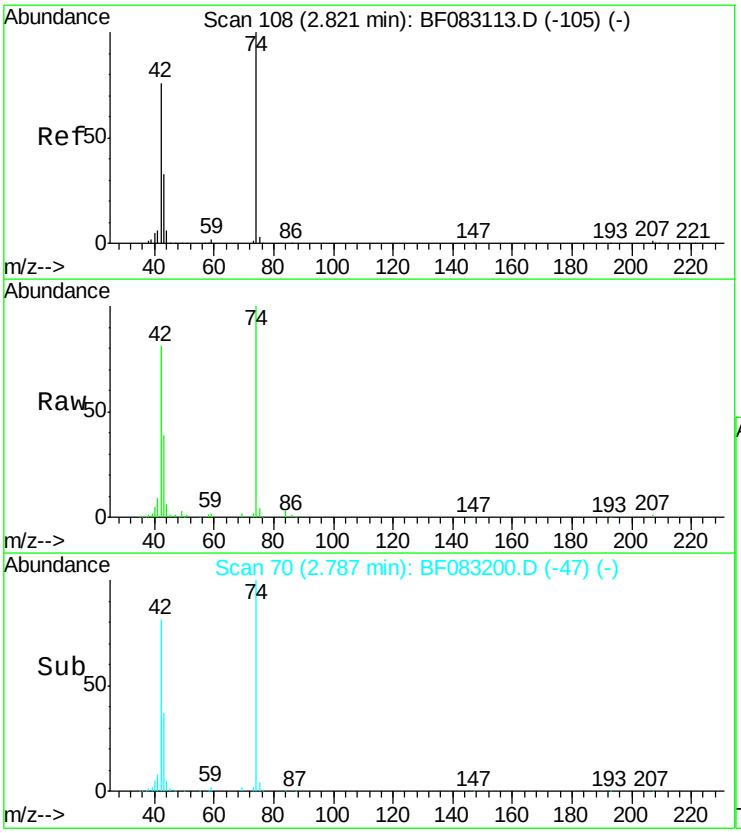
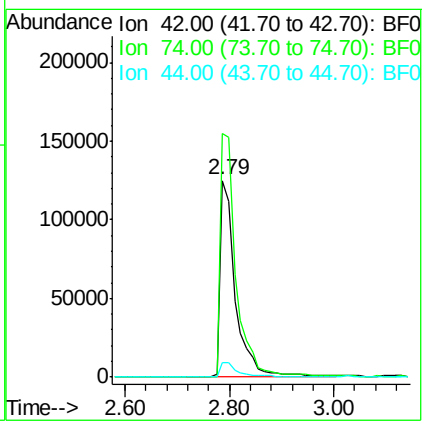
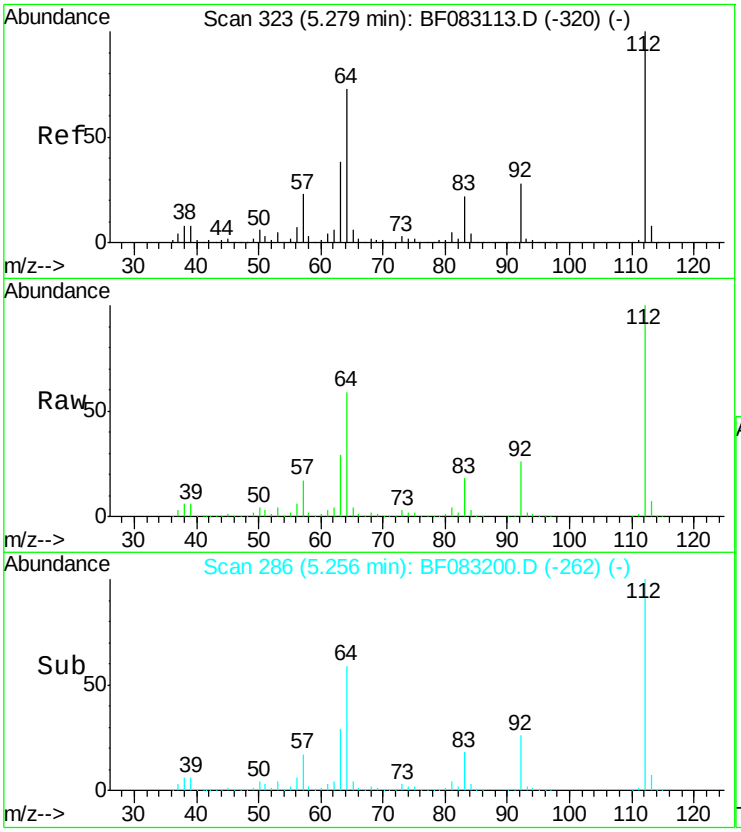



#4
n-Nitrosodimethylamine
Concen: 31.03 ng
RT: 2.79 min Scan# 70
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 42 Resp: 256692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 123.9 | 104.8 | 157.2 |
| 44 | 7.4 | 6.2 | 9.4 |

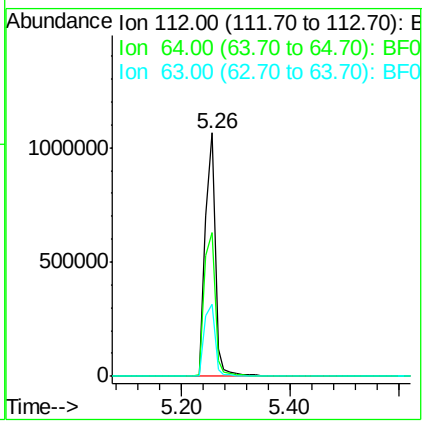





#5
2-Fluorophenol
Concen: 99.82 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

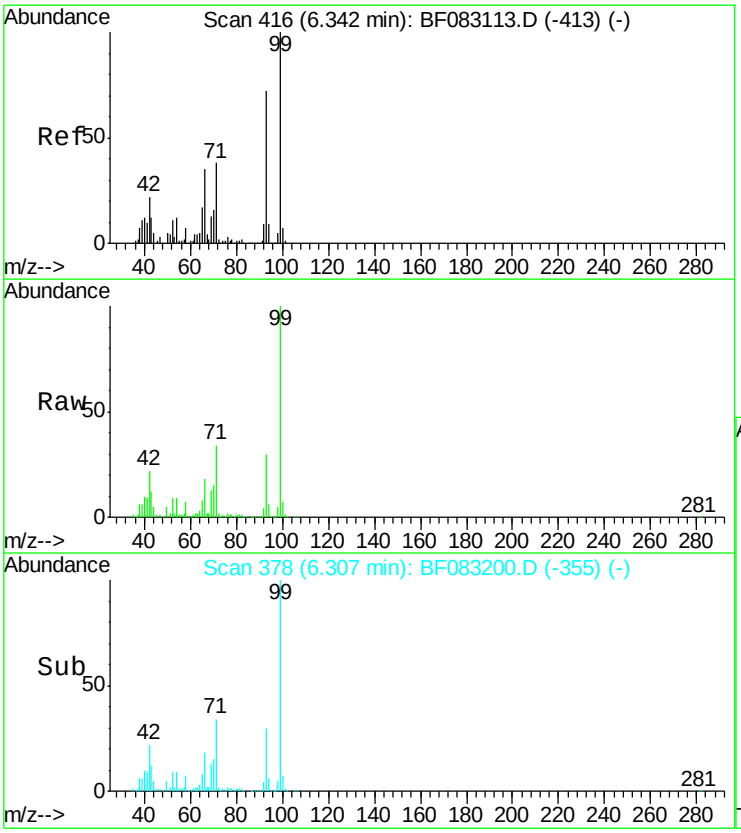
Tgt Ion:112 Resp: 1368581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.3 | 58.4 | 87.6 |
| 63 | 29.4 | 30.0 | 45.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

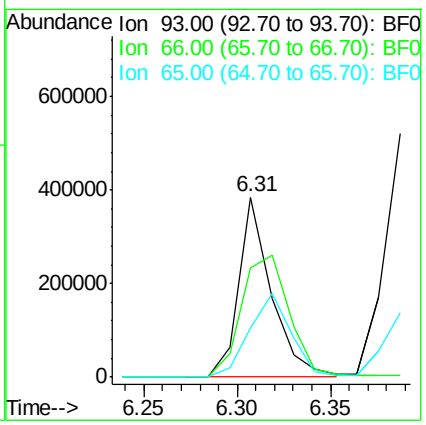
**Manual Integrations APPROVED**
Mmdadoda
11/24/2015 1:19:55 PM

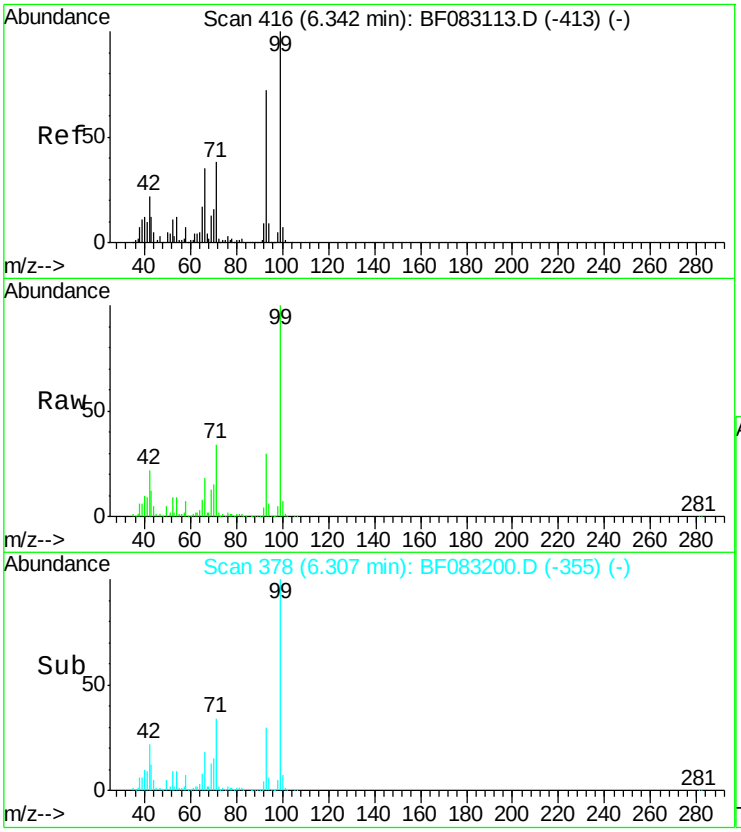



#6
Aniline
Concen: 21.69 ng
RT: 6.31 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 93 Resp: 470294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 60.9 | 38.7 | 58.1# |
| 65 | 27.3 | 18.6 | 27.8 |

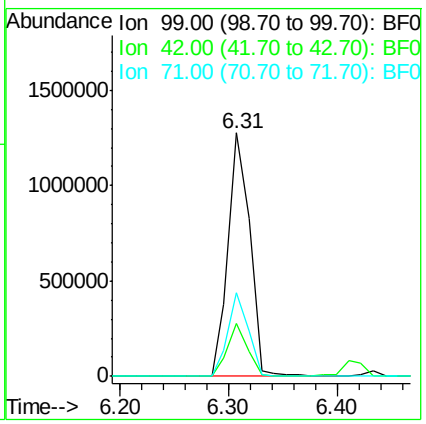





#7
Phenol-d6
Concen: 98.66 ng
RT: 6.31 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 99 Resp: 1750062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 17.7 | 26.5 |
| 71 | 34.4 | 30.2 | 45.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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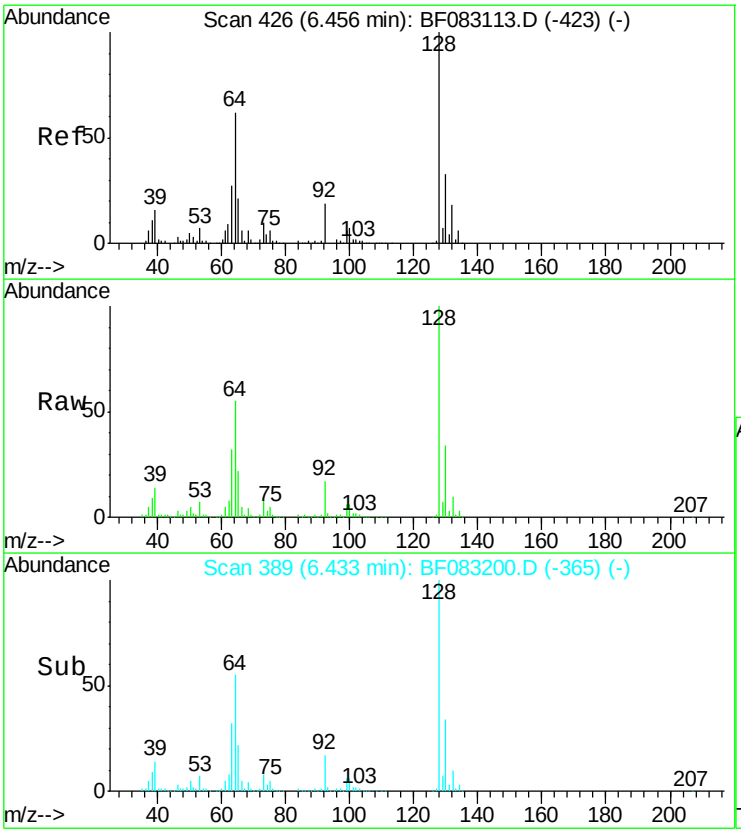
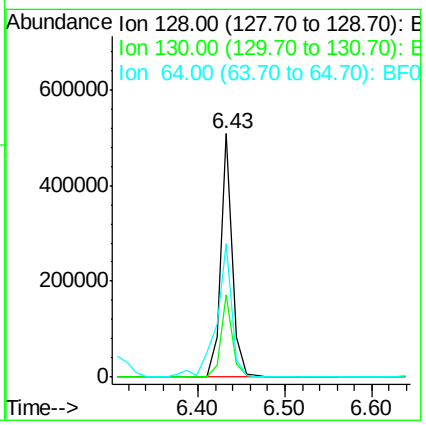
11/24/2015 1:19:55 PM

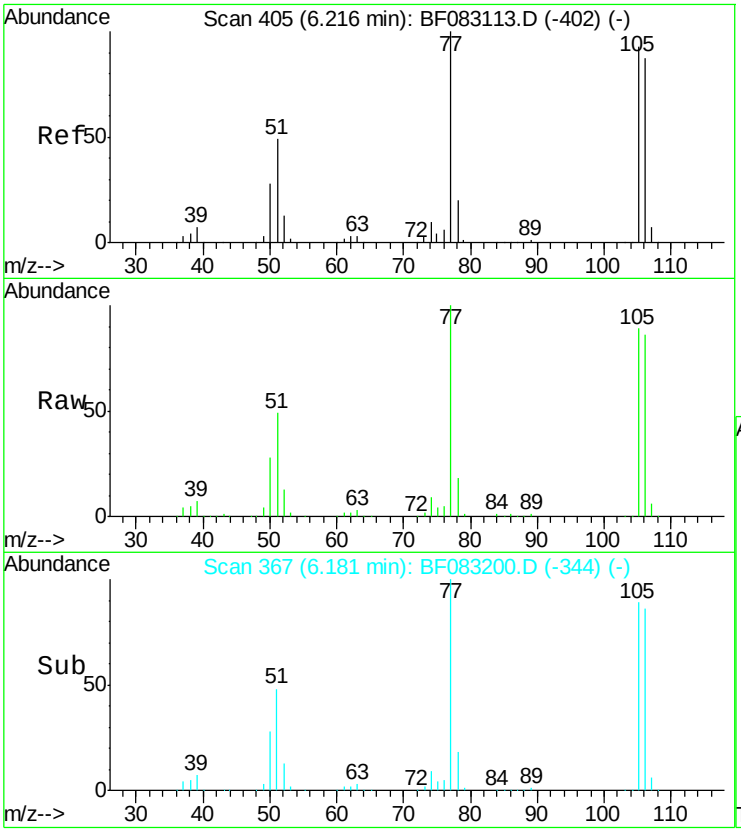



#8
2-Chlorophenol
Concen: 32.01 ng
RT: 6.43 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:128 Resp: 474207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.6 | 12.6 | 52.6 |
| 64 | 55.0 | 41.9 | 81.9 |

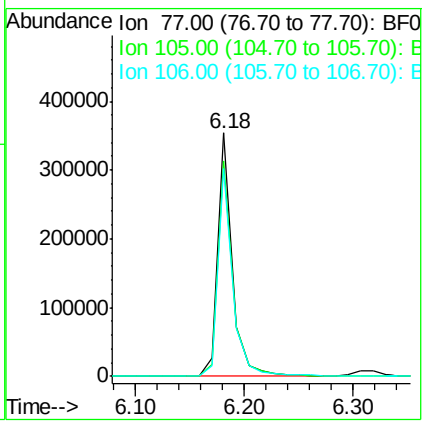





#9
Benzaldehyde
Concen: 37.00 ng
RT: 6.18 min Scan# 367
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

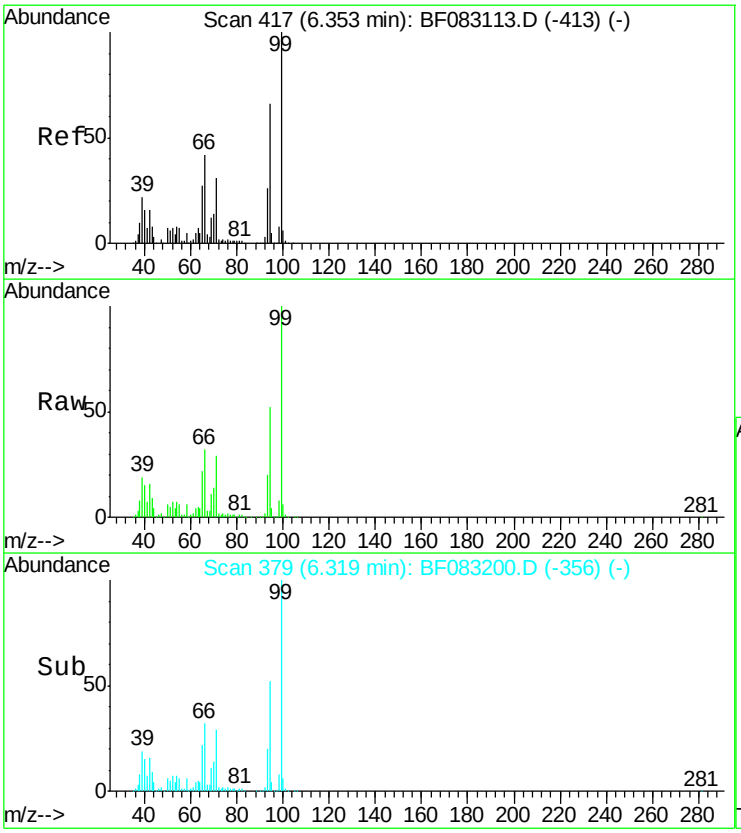
Tgt Ion: 77 Resp: 336265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 88.6 | 73.4 | 113.4 |
| 106 | 85.6 | 67.5 | 107.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

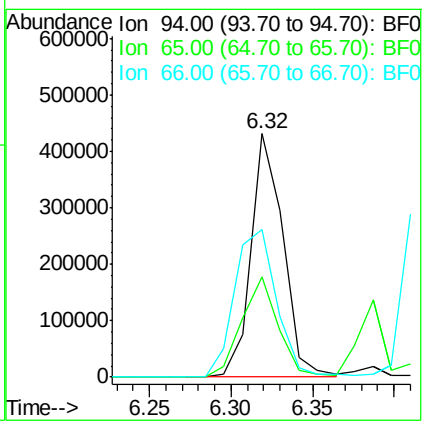
**Manual Integrations APPROVED**
Mmdadoda
11/24/2015 1:19:55 PM

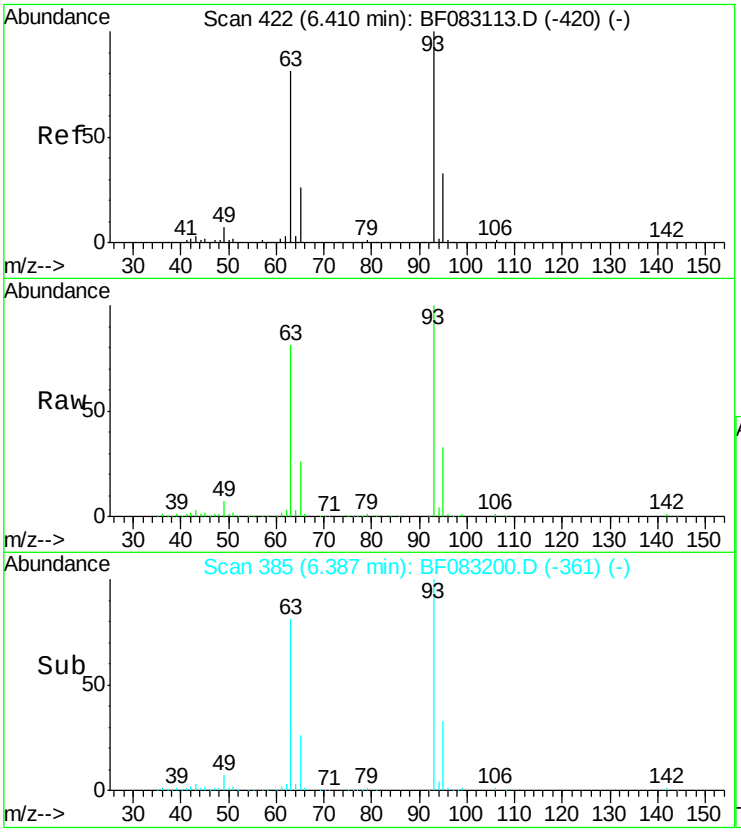



#10
Phenol
Concen: 27.44 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 94 Resp: 588875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 41.3 | 21.1 | 61.1 |
| 66 | 60.6 | 43.1 | 83.1 |

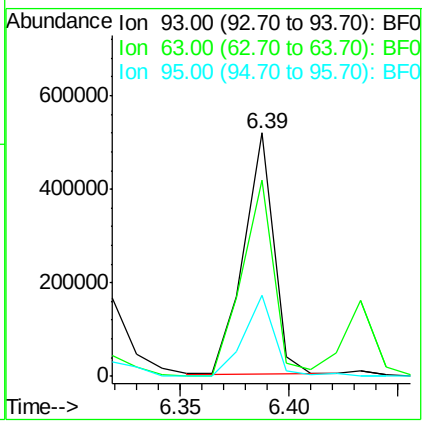





#11
bis(2-Chloroethyl)ether
Concen: 32.32 ng
RT: 6.39 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 93 Resp: 495287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.8 | 59.8 | 99.8 |
| 95 | 33.3 | 13.0 | 53.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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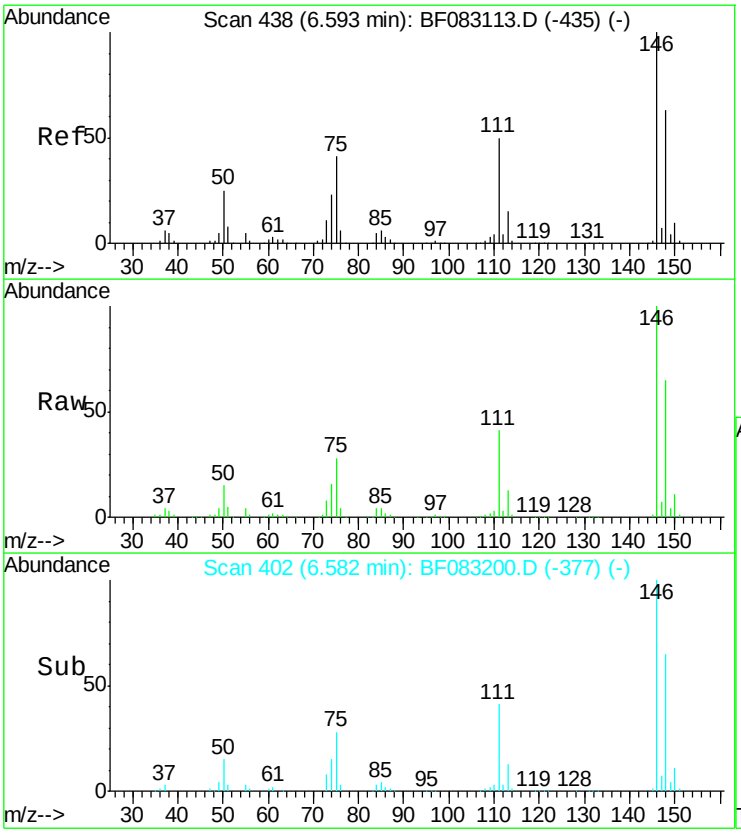
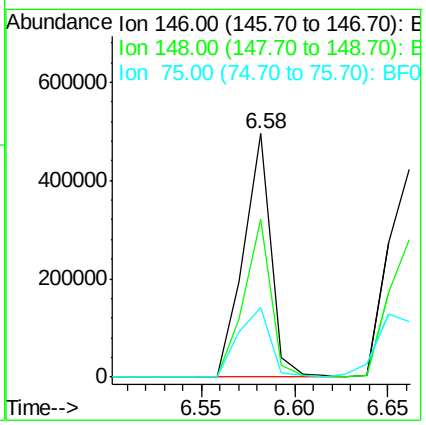
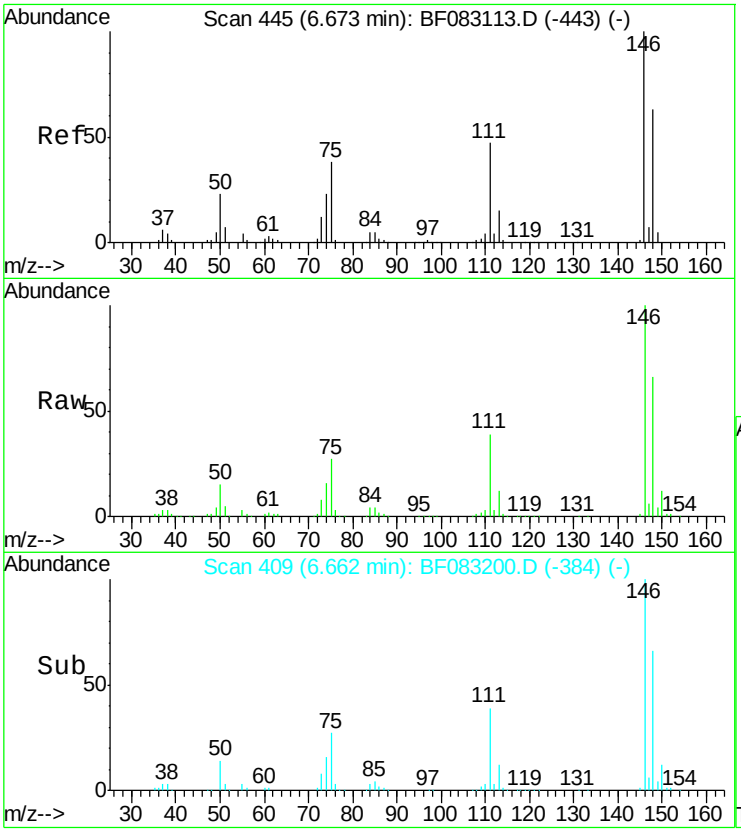



#12
1,3-Dichlorobenzene
Concen: 29.93 ng m
RT: 6.58 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:146 Resp: 506151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 50.2 | 75.2 |
| 75 | 28.5 | 32.7 | 49.1# |

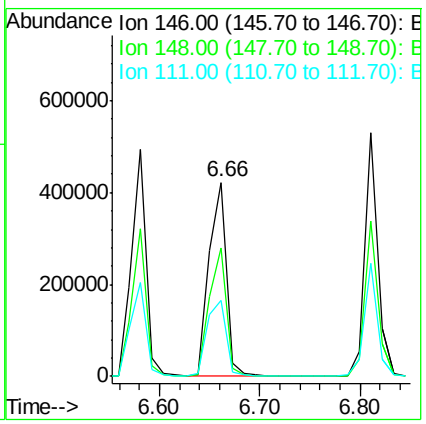





#13
1,4-Dichlorobenzene
Concen: 29.90 ng
RT: 6.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:146 Resp: 511532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.5 | 50.2 | 75.2 |
| 111 | 39.1 | 37.5 | 56.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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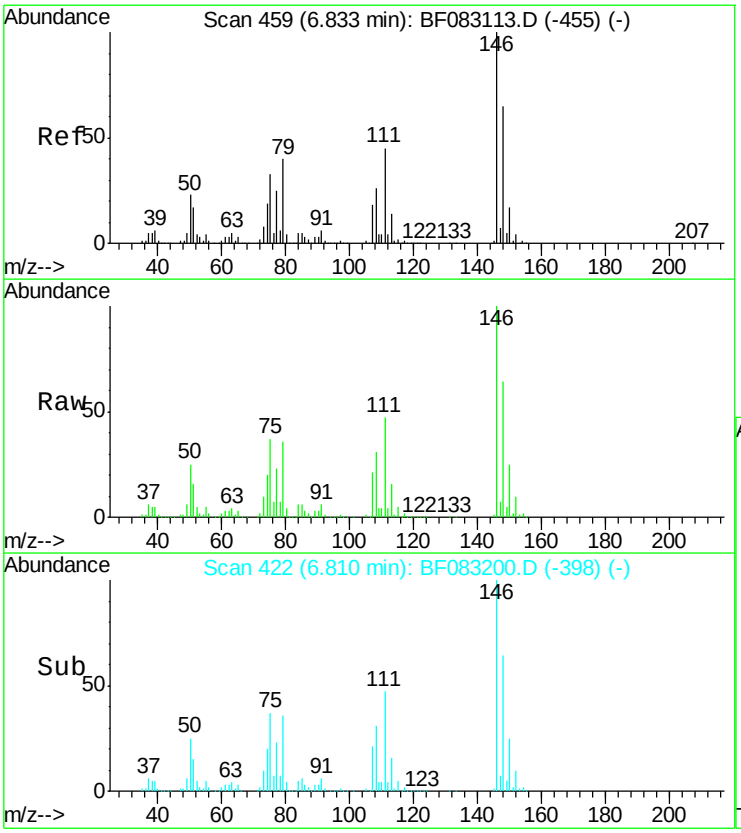
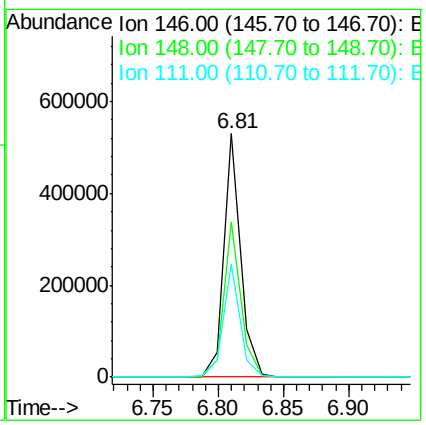
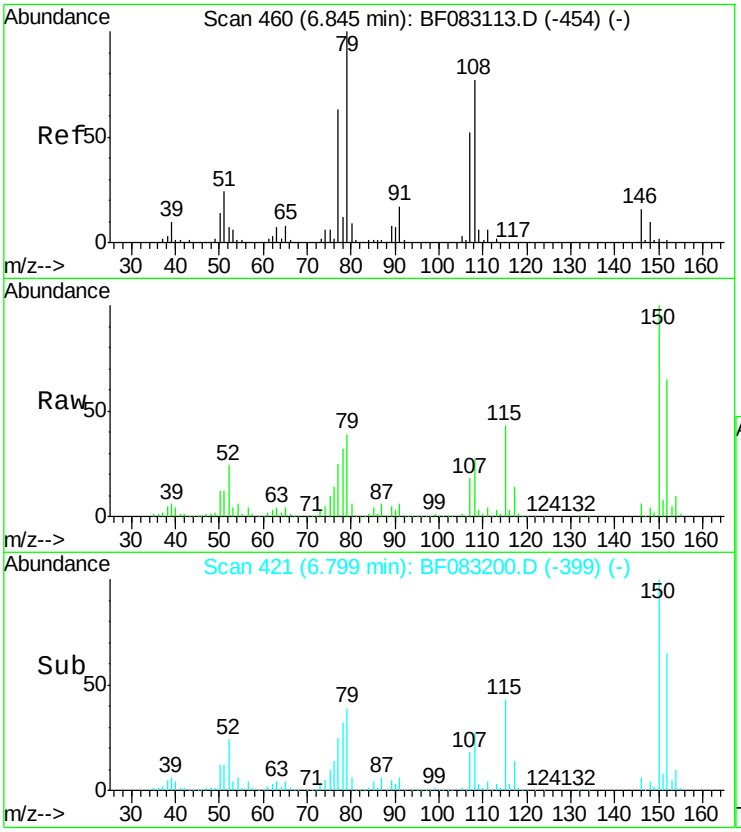



#14
1,2-Dichlorobenzene
Concen: 30.78 ng
RT: 6.81 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:146 Resp: 478689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 51.8 | 77.6 |
| 111 | 46.6 | 36.2 | 54.4 |

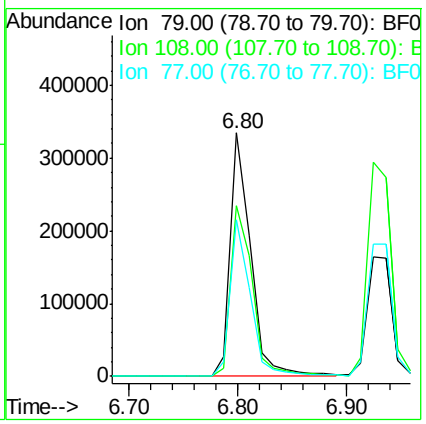





#15
Benzyl Alcohol
Concen: 29.08 ng
RT: 6.80 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 79 Resp: 431017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.9 | 61.4 | 92.2 |
| 77 | 64.3 | 50.5 | 75.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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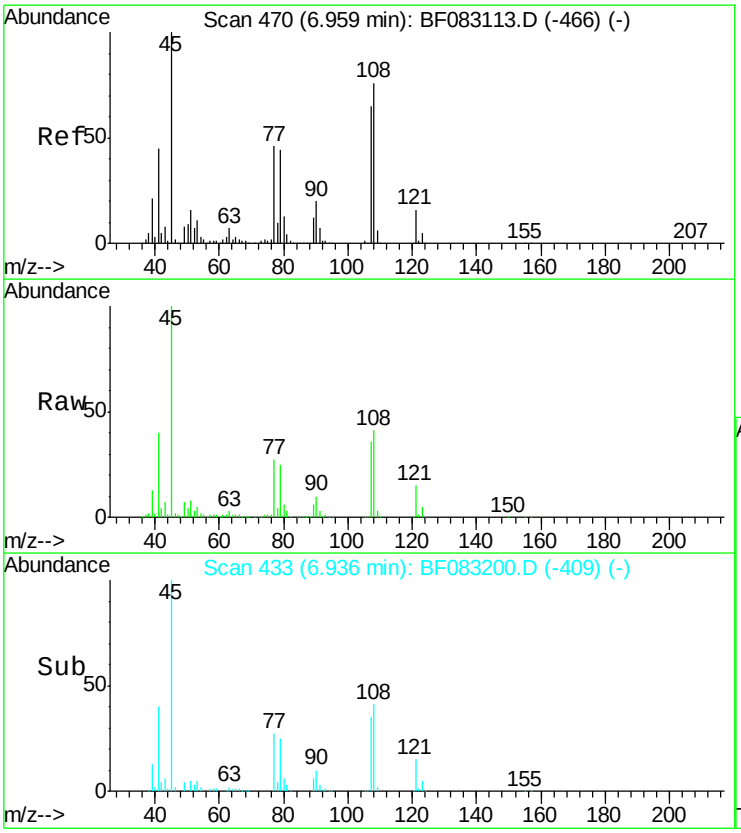
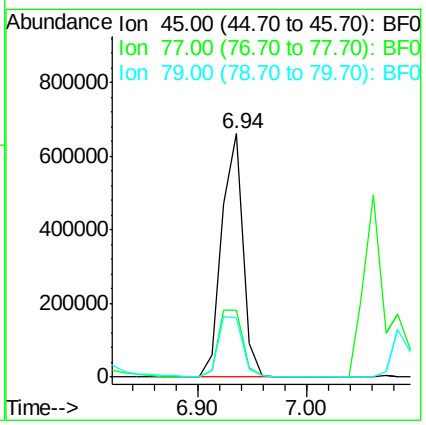
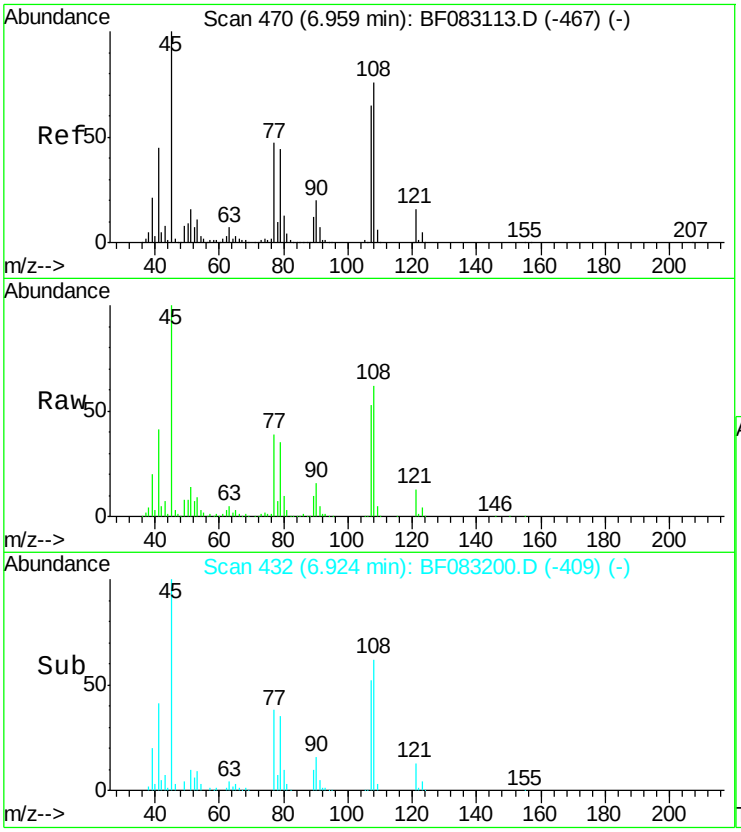



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.07 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 45 Resp: 885728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 27.5 | 26.7 | 66.7 |
| 79 | 24.5 | 24.3 | 64.3 |

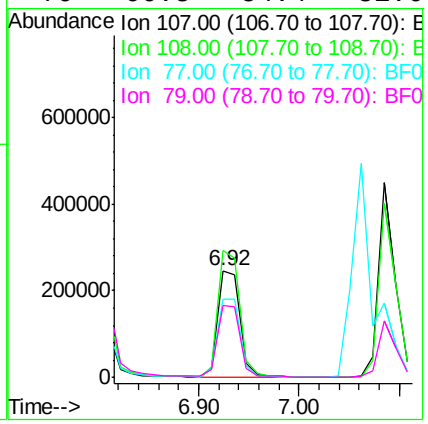





#17
2-Methylphenol
Concen: 30.77 ng
RT: 6.92 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:107 Resp: 377133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 118.9 | 93.8 | 140.6 |
| 77 | 73.4 | 57.4 | 86.0 |
| 79 | 66.8 | 54.4 | 81.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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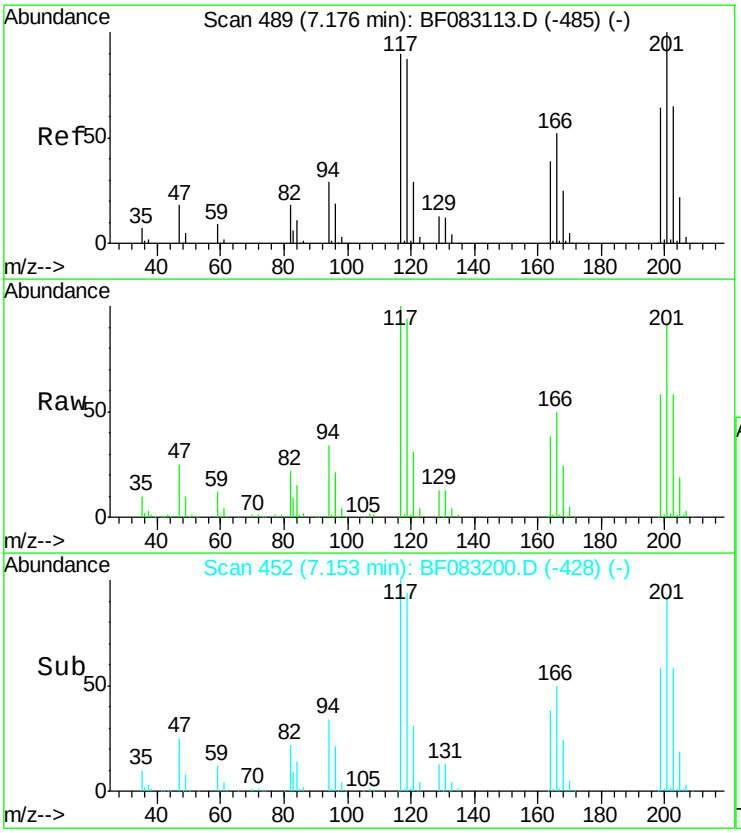
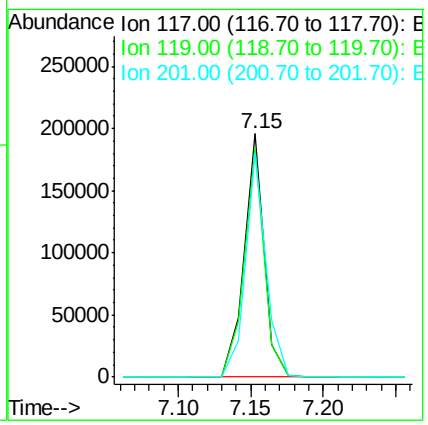
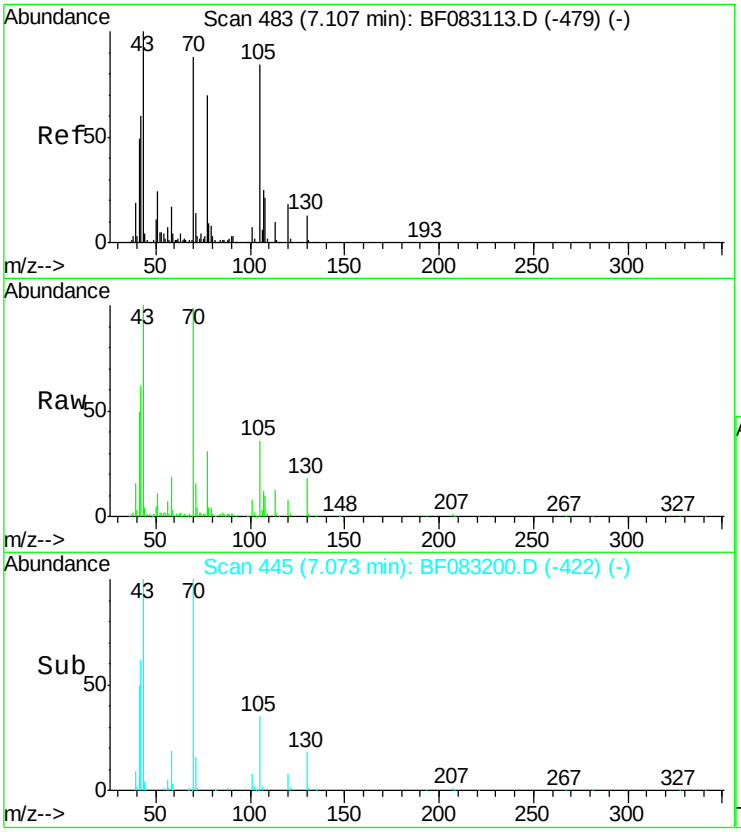



#18
Hexachloroethane
Concen: 30.95 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:117 Resp: 186534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.5 | 76.8 | 115.2 |
| 201 | 92.1 | 88.6 | 133.0 |

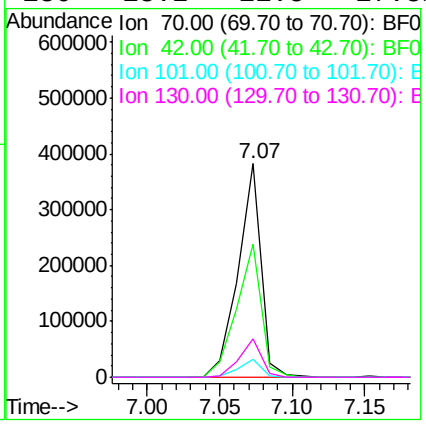





#19
n-Nitroso-di-n-propylamine
Concen: 33.80 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 70 Resp: 417326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.4 | 54.5 | 81.7 |
| 101 | 8.6 | 6.6 | 9.8 |
| 130 | 18.2 | 11.5 | 17.3# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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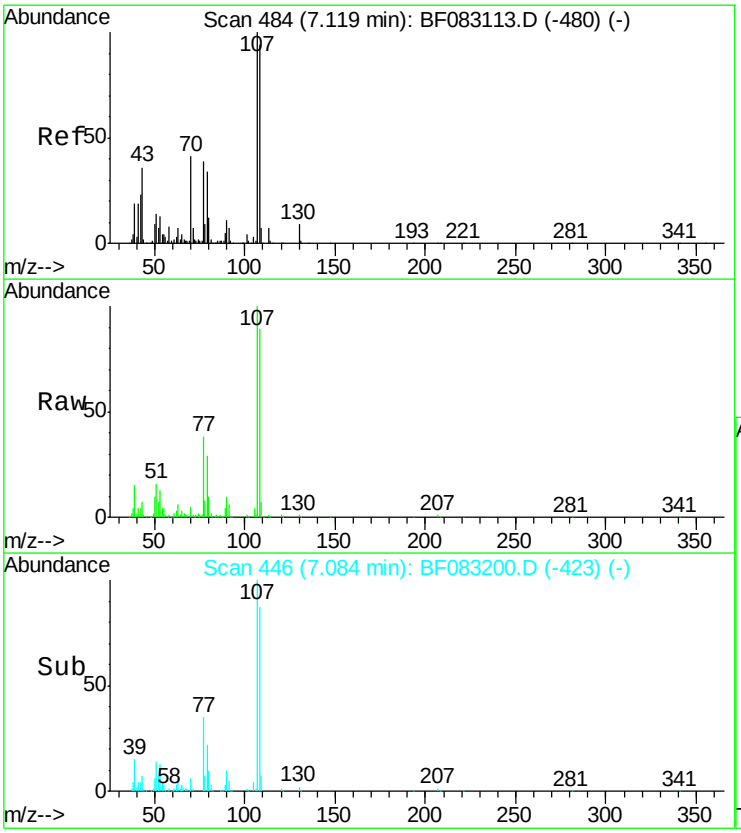
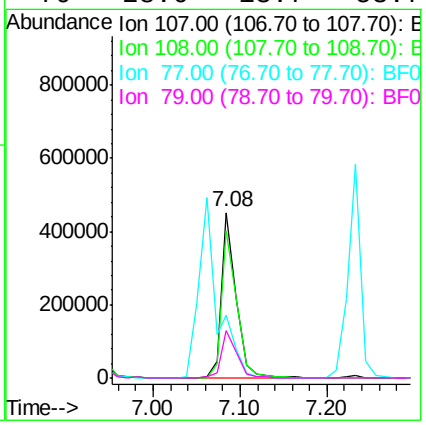
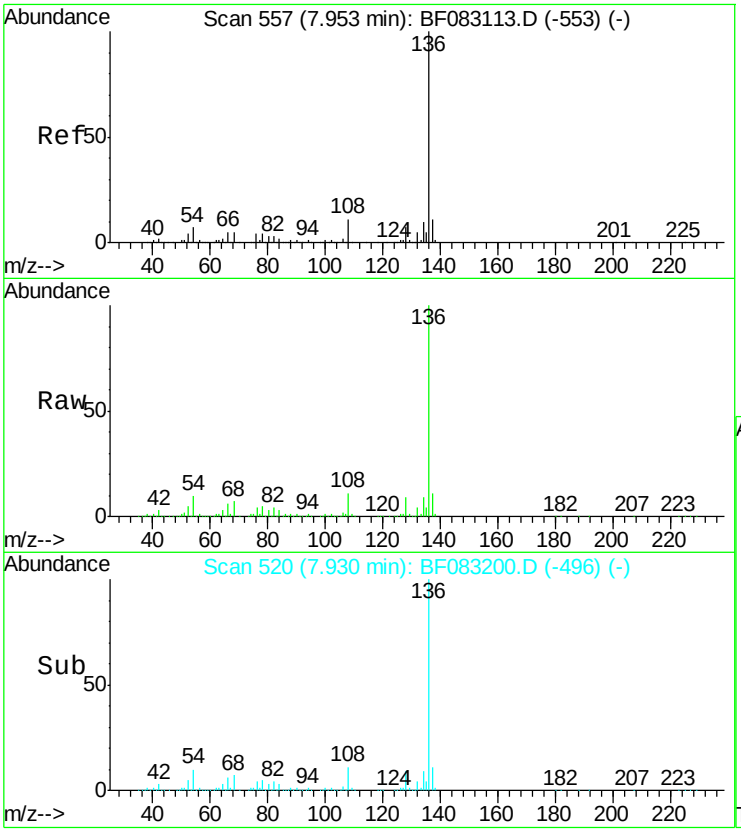



#20
3+4-Methylphenols
Concen: 34.23 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:107 Resp: 530400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.1 | 73.8 | 113.8 |
| 77 | 37.8 | 19.1 | 59.1 |
| 79 | 28.6 | 13.7 | 53.7 |

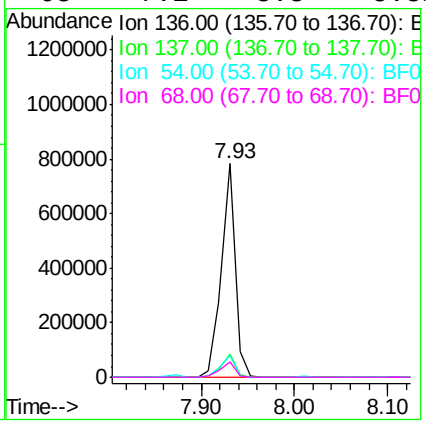





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:136 Resp: 812478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.7 | 13.1 |
| 54 | 10.1 | 5.8 | 8.6# |
| 68 | 7.1 | 3.8 | 5.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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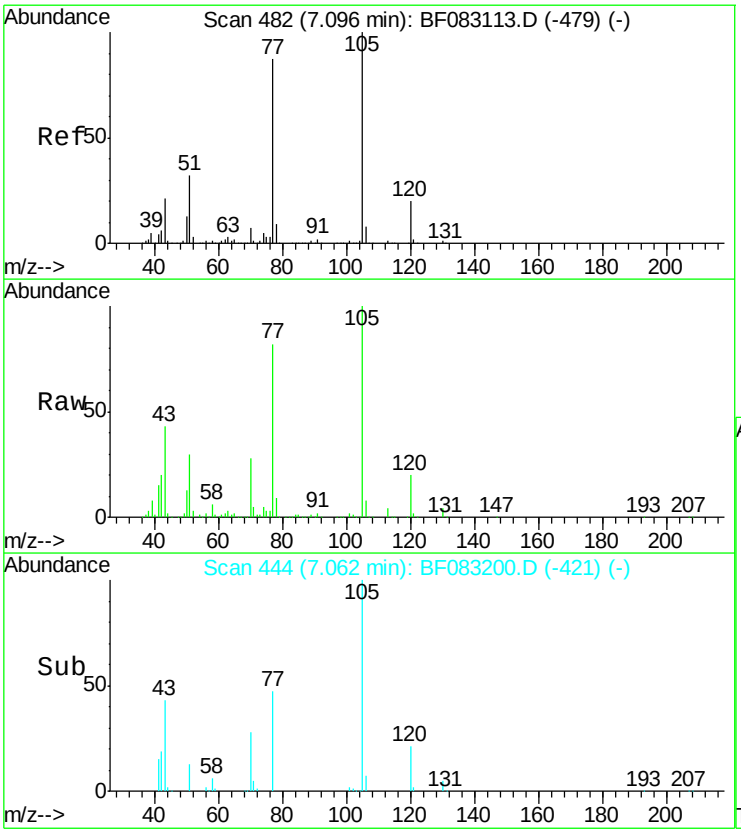
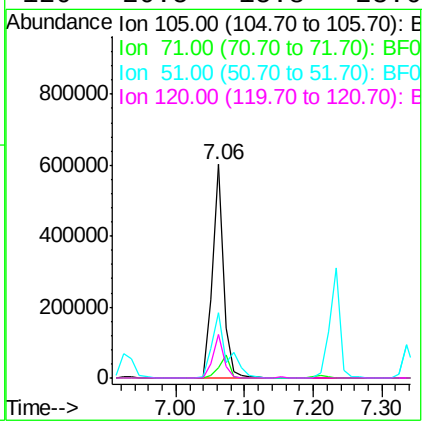
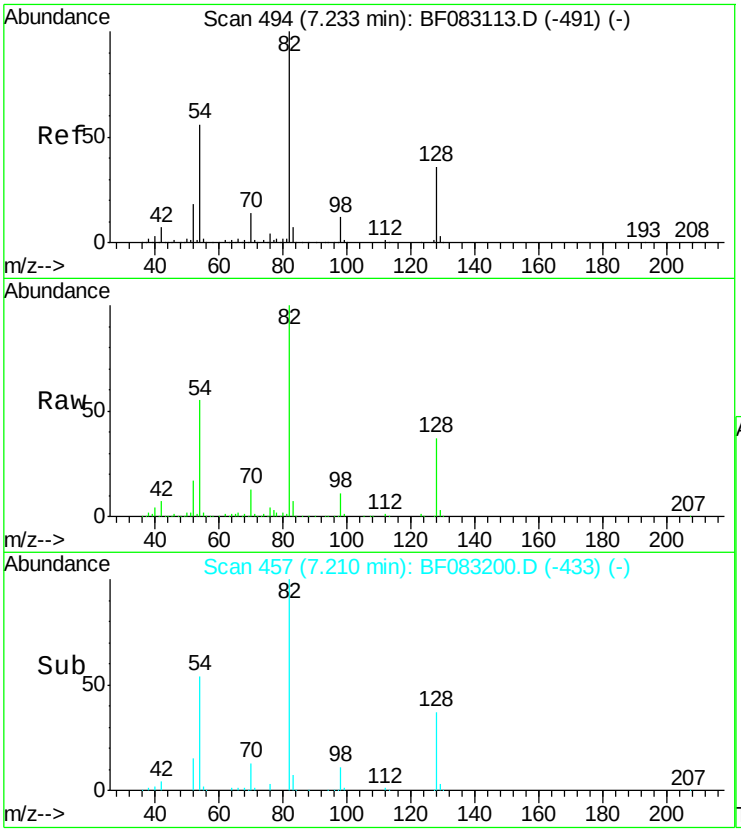



#22
Acetophenone
Concen: 29.40 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:105 Resp: 685820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.0 | 1.0 | 1.4# |
| 51 | 30.5 | 25.6 | 38.4 |
| 120 | 20.5 | 15.8 | 23.6 |

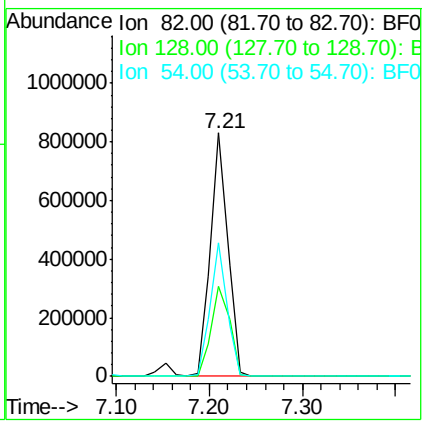





#23
Nitrobenzene-d5
Concen: 61.08 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 82 Resp: 1086077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.2 | 28.5 | 42.7 |
| 54 | 54.7 | 44.6 | 67.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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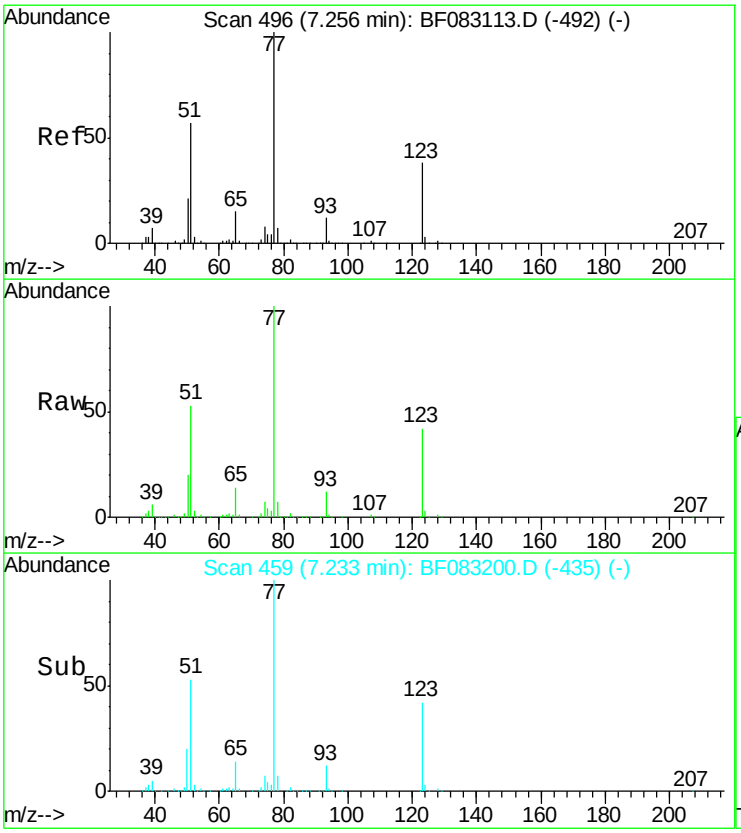
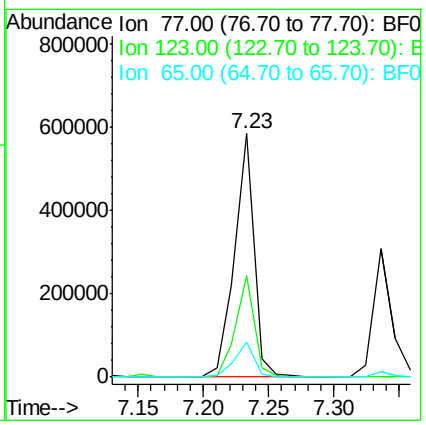
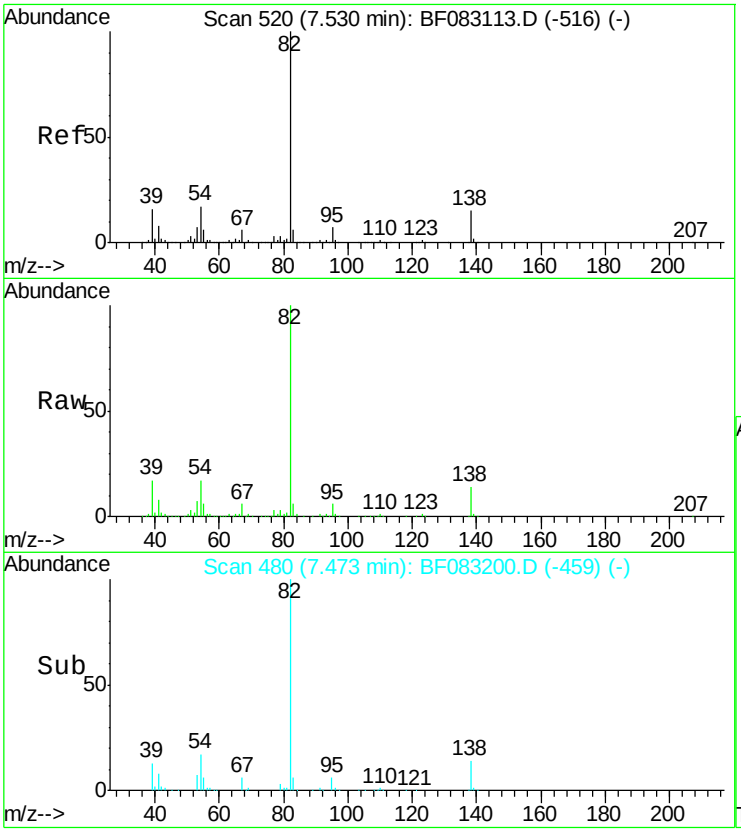



#24
Nitrobenzene
Concen: 31.53 ng
RT: 7.23 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 77 Resp: 599053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.6 | 30.1 | 45.1 |
| 65 | 14.2 | 11.6 | 17.4 |

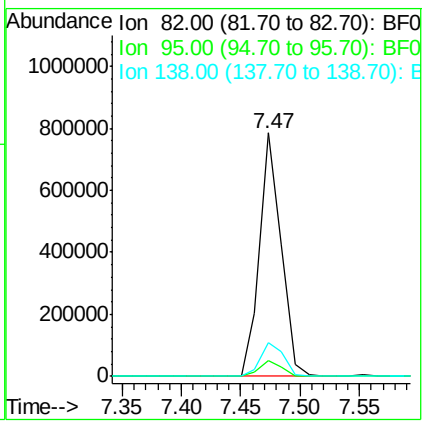





#25
Isophorone
Concen: 29.86 ng
RT: 7.47 min Scan# 480
Delta R.T. -0.06 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 82 Resp: 1005326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.8 | 8.8 |
| 138 | 13.8 | 11.6 | 17.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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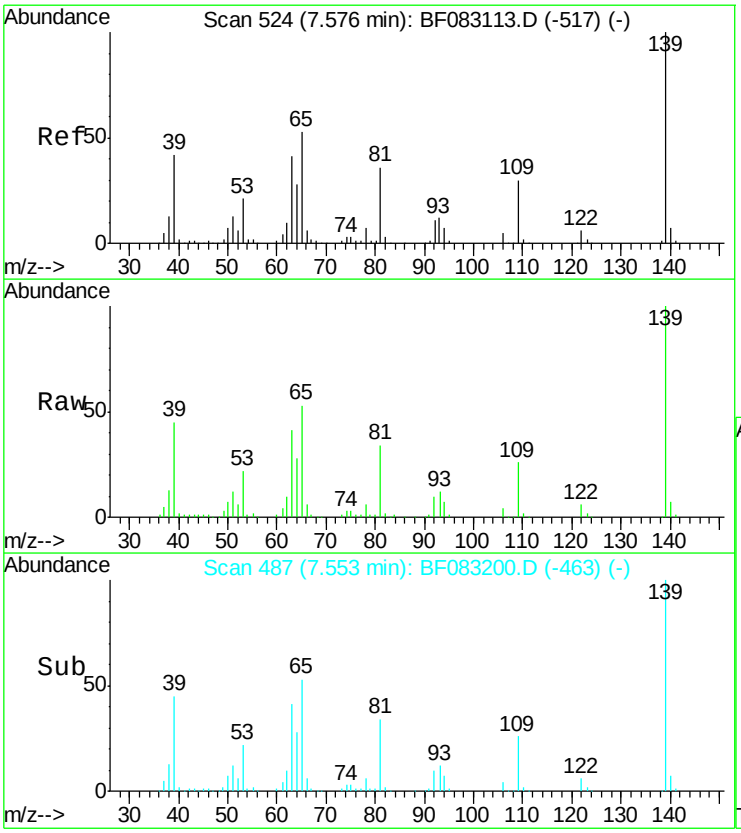
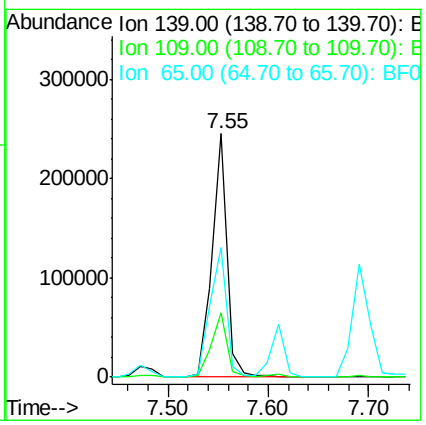
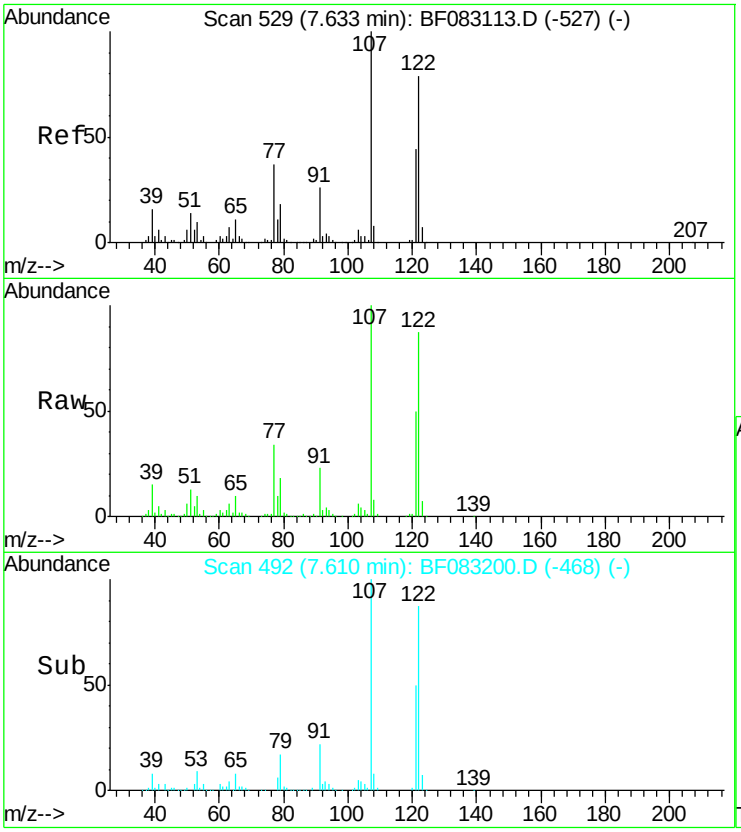



#26
2-Nitrophenol
Concen: 30.21 ng
RT: 7.55 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:139 Resp: 253375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.2 | 23.9 | 35.9 |
| 65 | 53.5 | 42.7 | 64.1 |

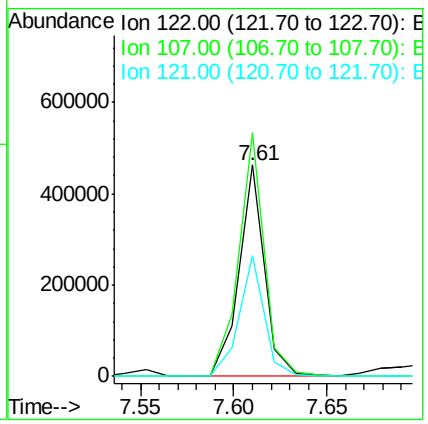





#27
2,4-Dimethylphenol
Concen: 32.98 ng
RT: 7.61 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:122 Resp: 441503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.3 | 101.1 | 151.7 |
| 121 | 57.2 | 44.9 | 67.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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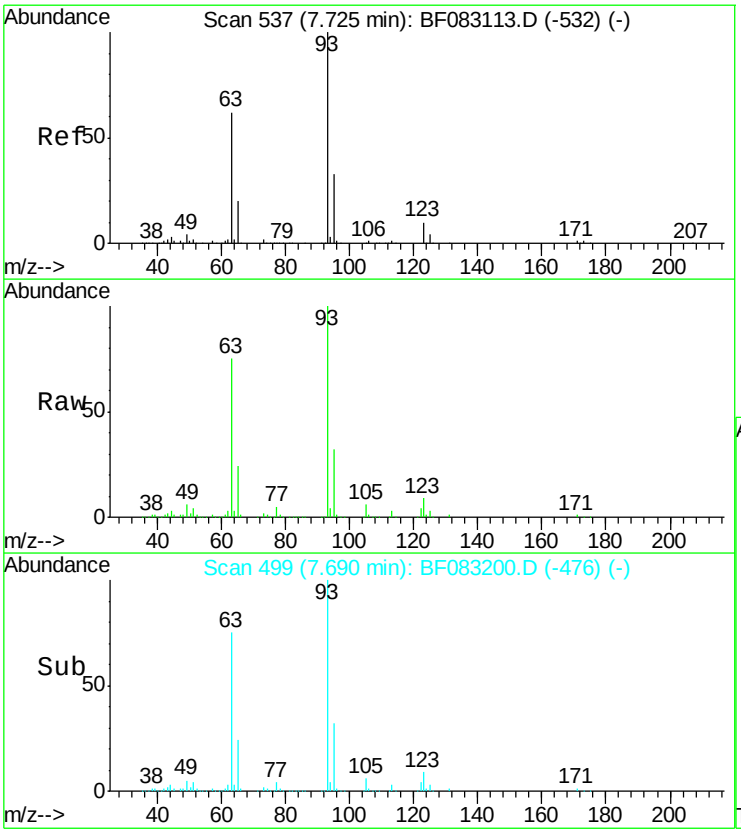
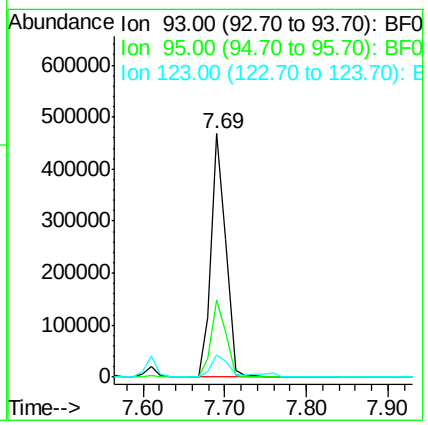
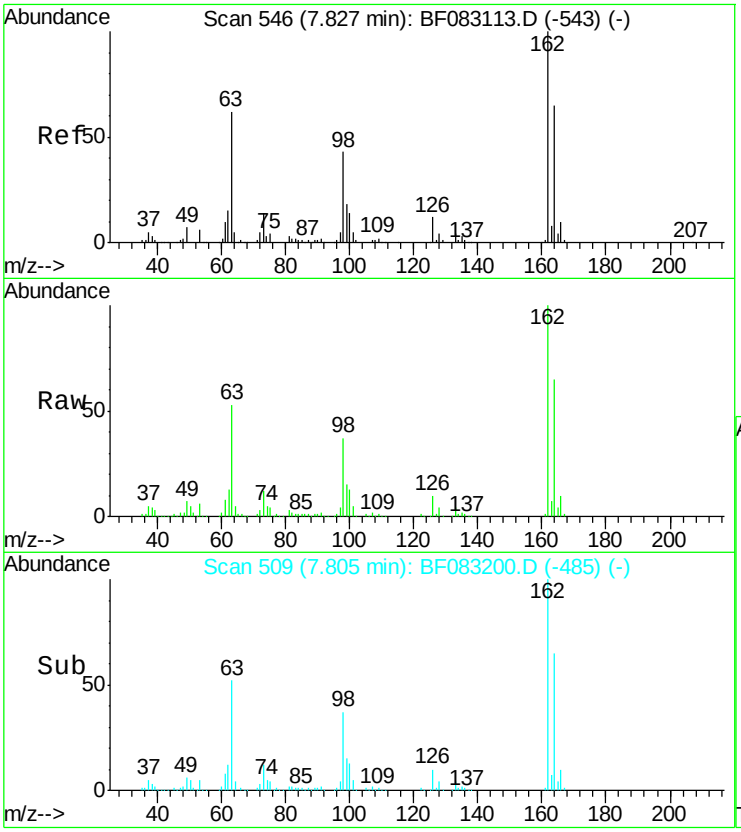



#28
bis(2-Chloroethoxy)methane
Concen: 30.58 ng
RT: 7.69 min Scan# 499
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 93 Resp: 598580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 26.5 | 39.7 |
| 123 | 9.1 | 8.1 | 12.1 |

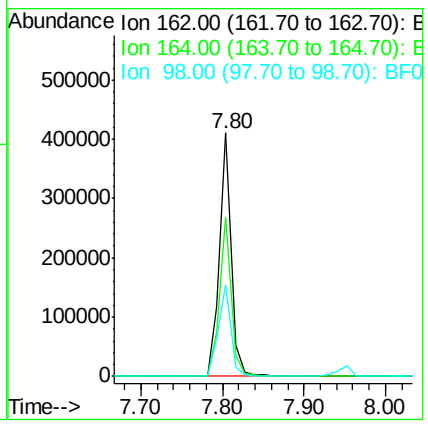





#29
2,4-Dichlorophenol
Concen: 32.28 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:162 Resp: 410959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.1 | 44.8 | 84.8 |
| 98 | 37.3 | 23.1 | 63.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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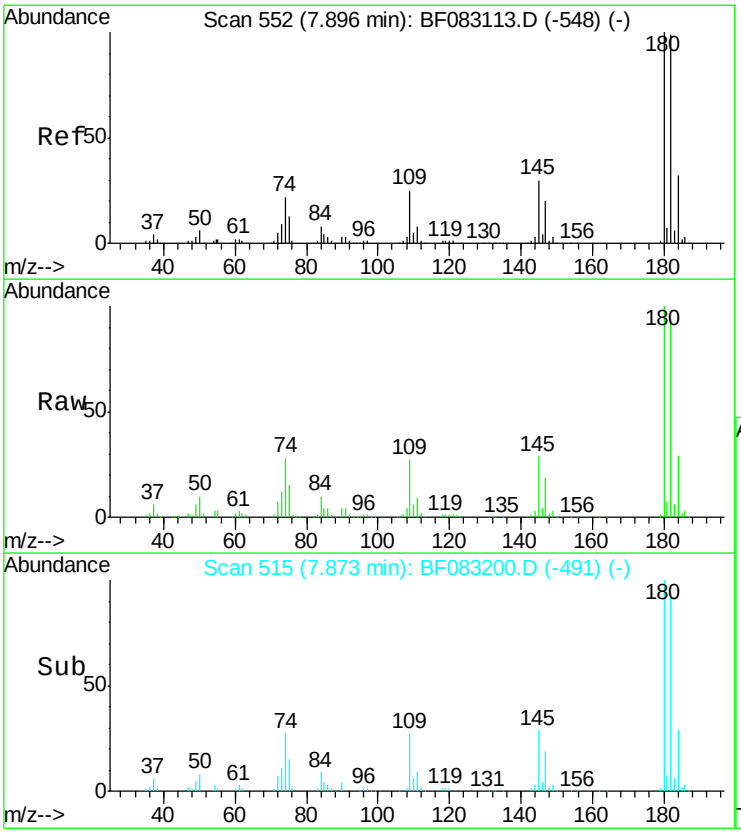
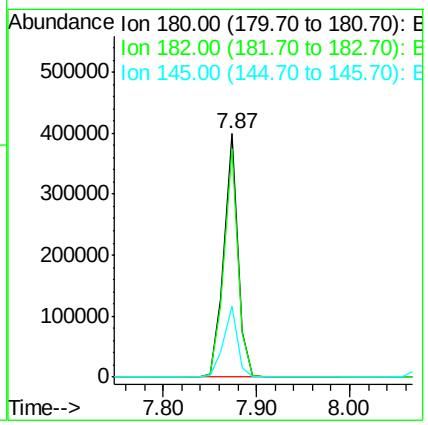
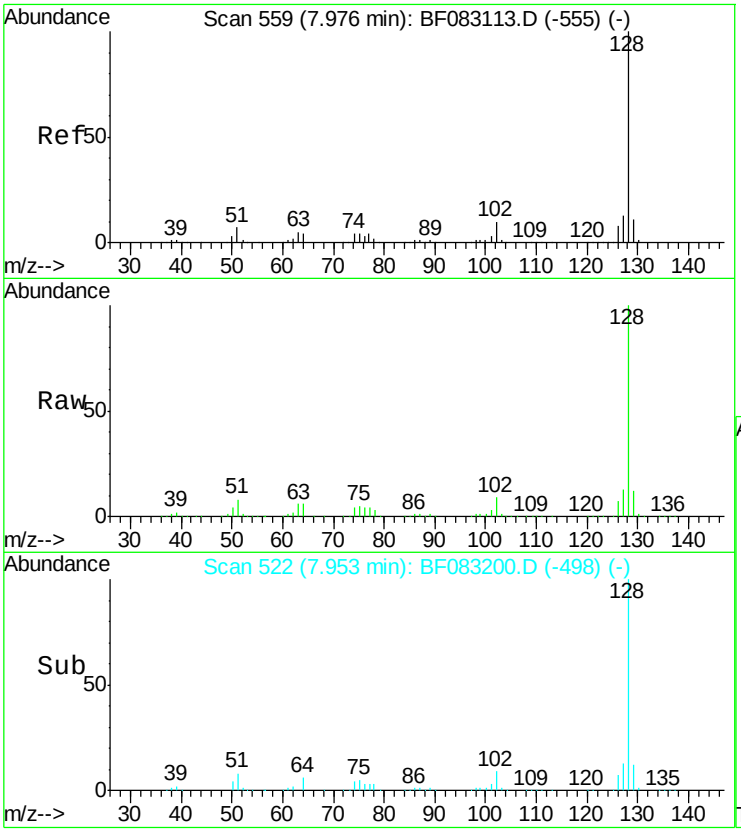



#30
1,2,4-Trichlorobenzene
Concen: 30.04 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:180 Resp: 420081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 79.0 | 118.6 |
| 145 | 29.3 | 24.2 | 36.2 |

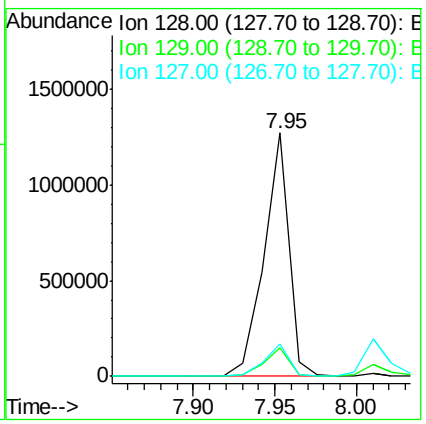





#31
Naphthalene
Concen: 30.91 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:128 Resp: 1355391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.0 | 13.4 |
| 127 | 13.2 | 10.6 | 15.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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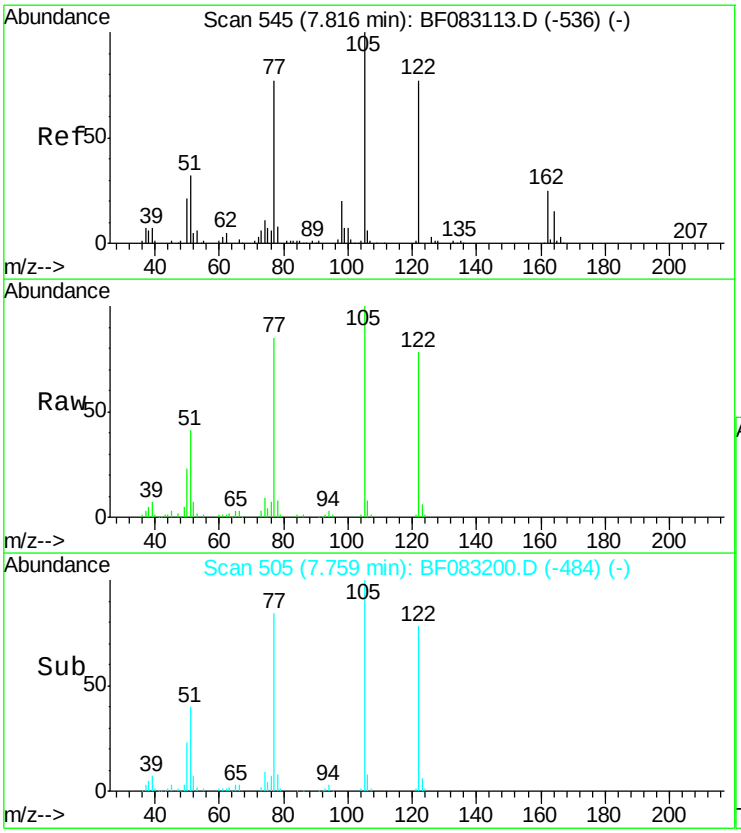
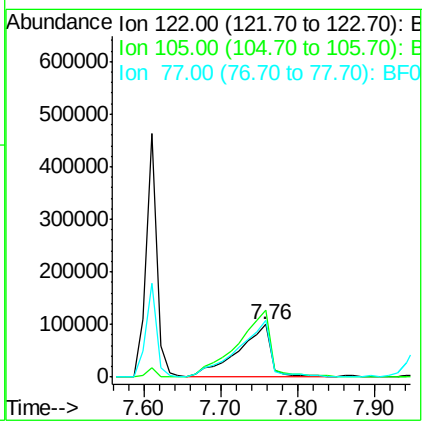
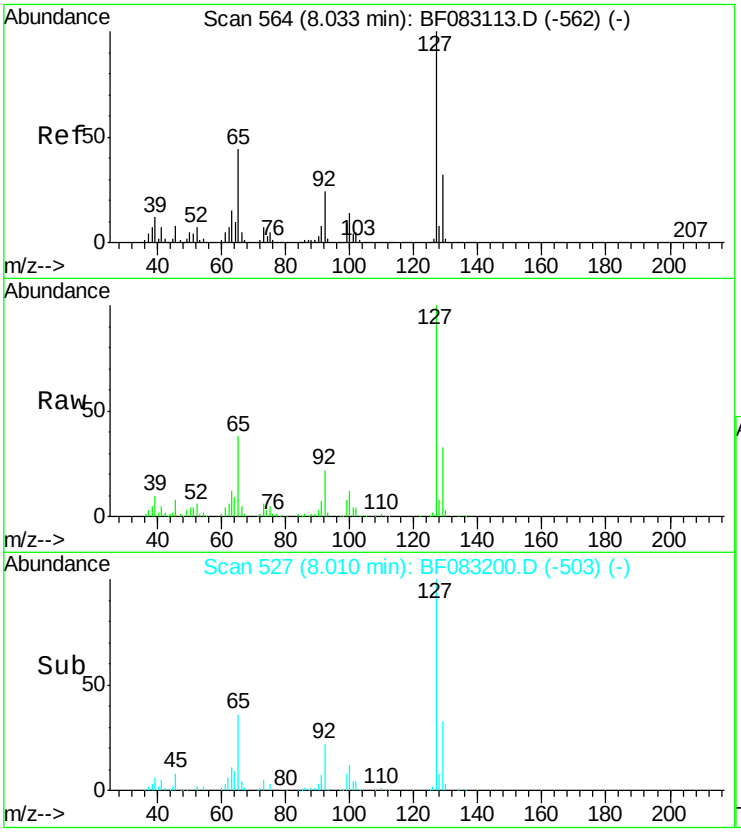



#32
Benzoic acid
Concen: 28.16 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:122 Resp: 293002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.1 | 109.7 | 149.7 |
| 77 | 108.6 | 79.7 | 119.7 |

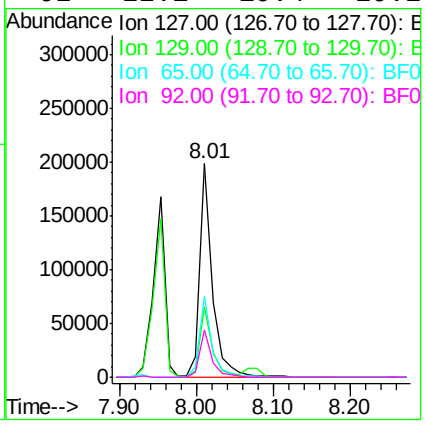





#33
4-Chloroaniline
Concen: 13.26 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:127 Resp: 225571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.8 | 25.7 | 38.5 |
| 65 | 37.8 | 35.5 | 53.3 |
| 92 | 22.1 | 19.4 | 29.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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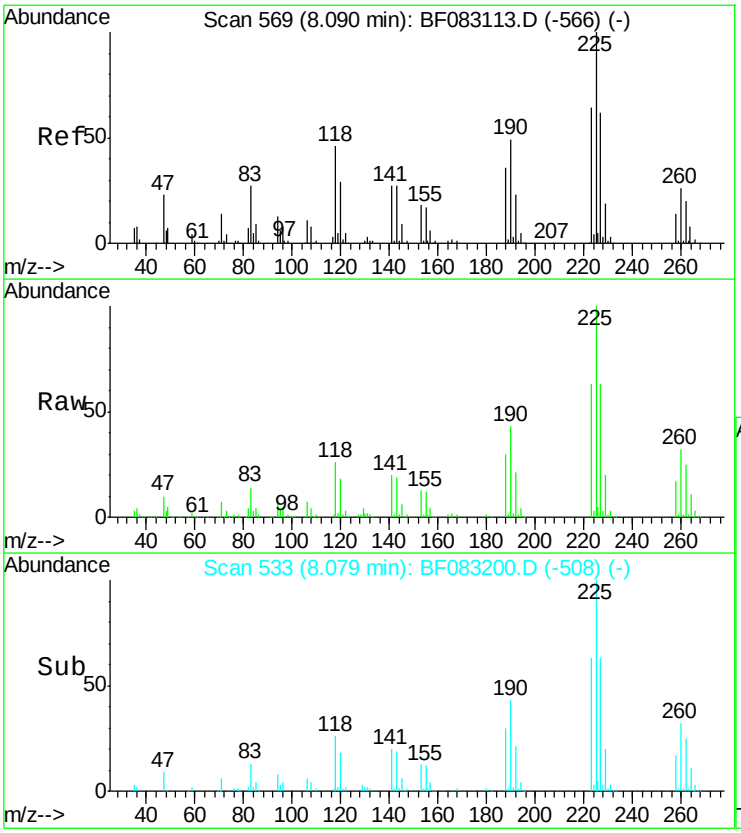
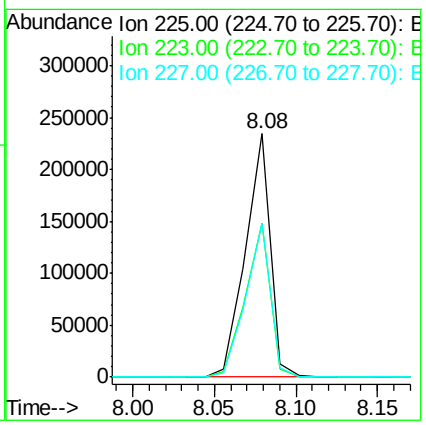
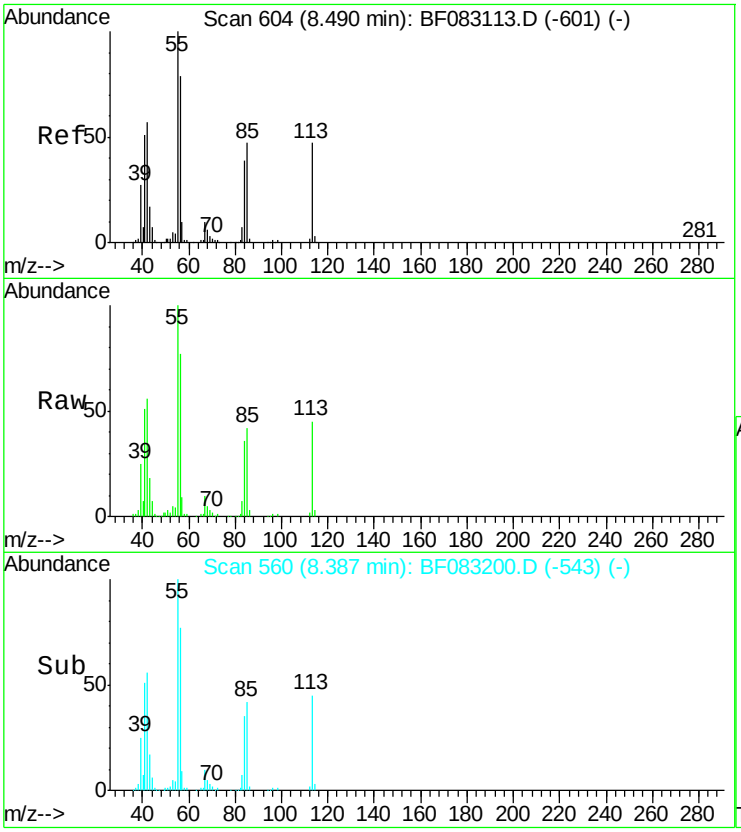



#34
Hexachlorobutadiene
Concen: 29.99 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:225 Resp: 247892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.5 | 51.3 | 76.9 |
| 227 | 63.3 | 49.8 | 74.8 |

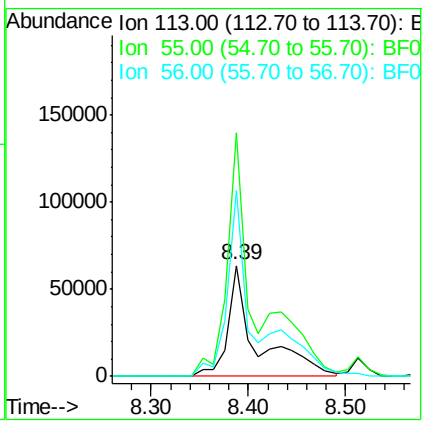





#35
Caprolactam
Concen: 31.77 ng m
RT: 8.39 min Scan# 560
Delta R.T. -0.10 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:113 Resp: 129624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 220.4 | 192.6 | 232.6 |
| 56 | 168.9 | 148.6 | 188.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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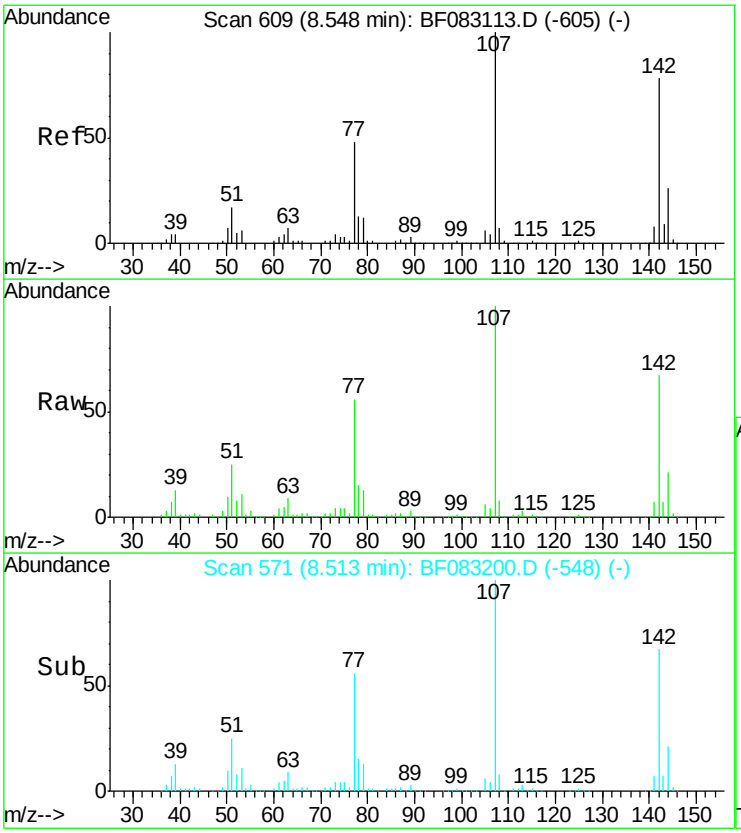
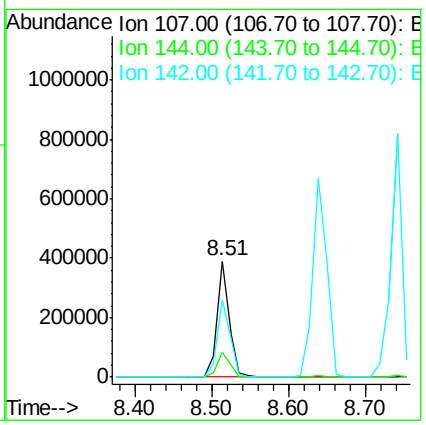
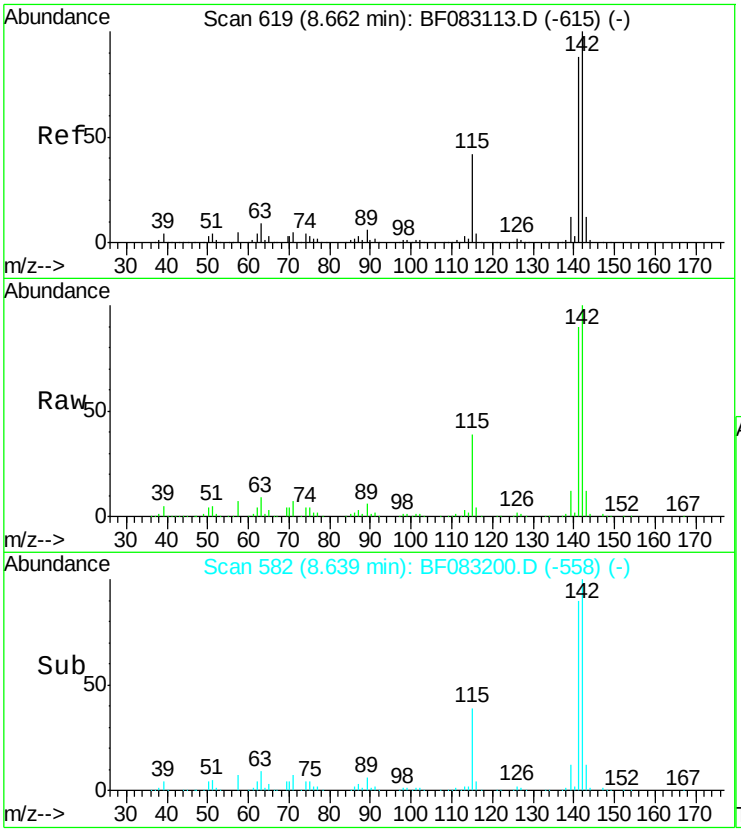



#36
4-Chloro-3-methylphenol
Concen: 29.39 ng
RT: 8.51 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:107 Resp: 433407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.0 | 20.8 | 31.2 |
| 142 | 66.8 | 62.1 | 93.1 |

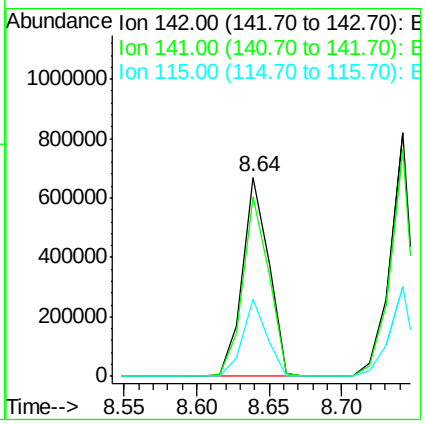





#37
2-Methylnaphthalene
Concen: 29.76 ng
RT: 8.64 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:142 Resp: 846890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 70.3 | 105.5 |
| 115 | 38.7 | 33.4 | 50.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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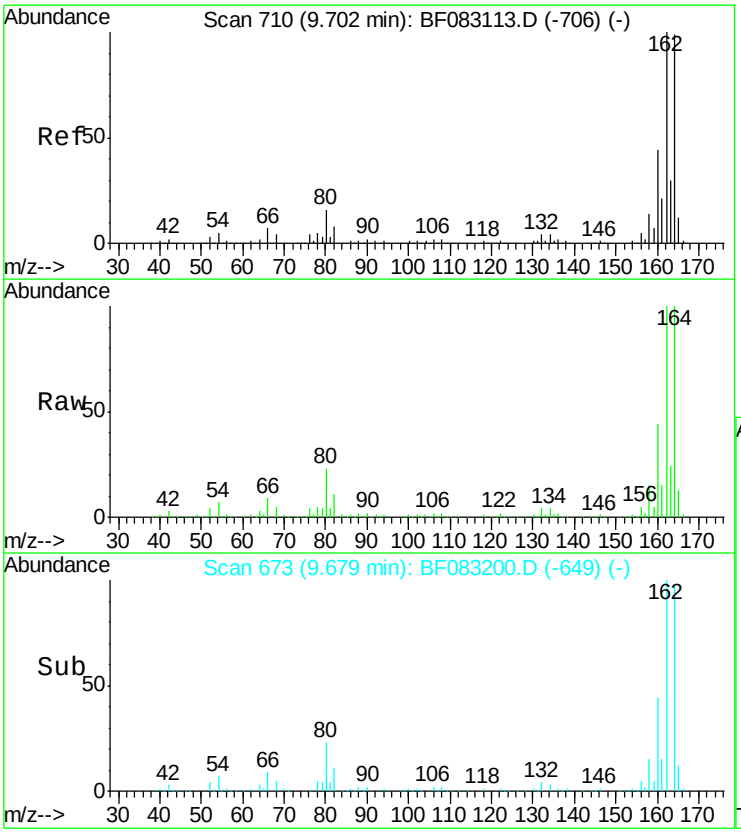
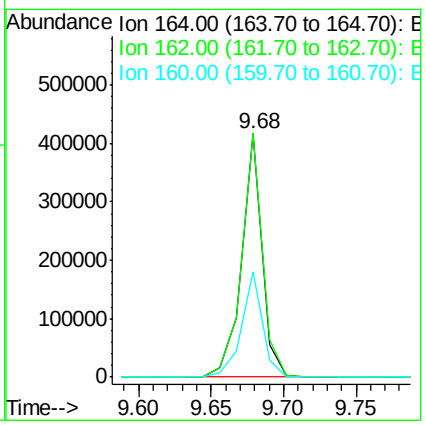
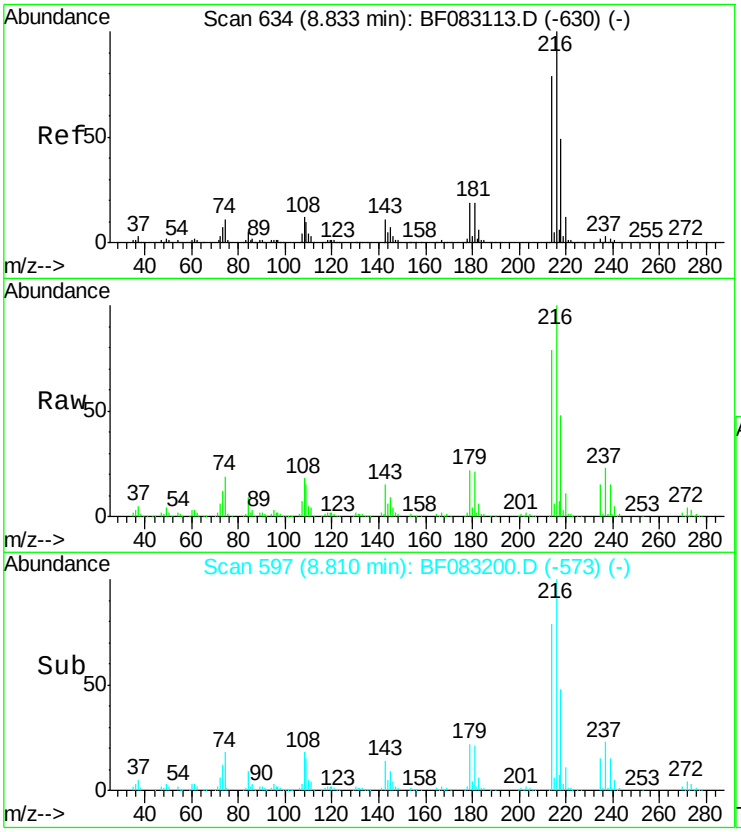



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:164 Resp: 408331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.8 | 81.2 | 121.8 |
| 160 | 43.5 | 35.6 | 53.4 |

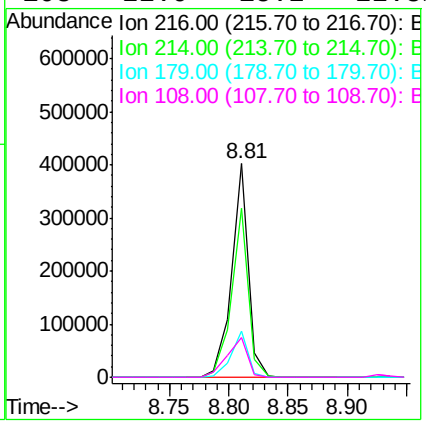





#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.84 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:216 Resp: 394930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 63.8 | 95.8 |
| 179 | 21.8 | 17.0 | 25.6 |
| 108 | 22.9 | 15.2 | 22.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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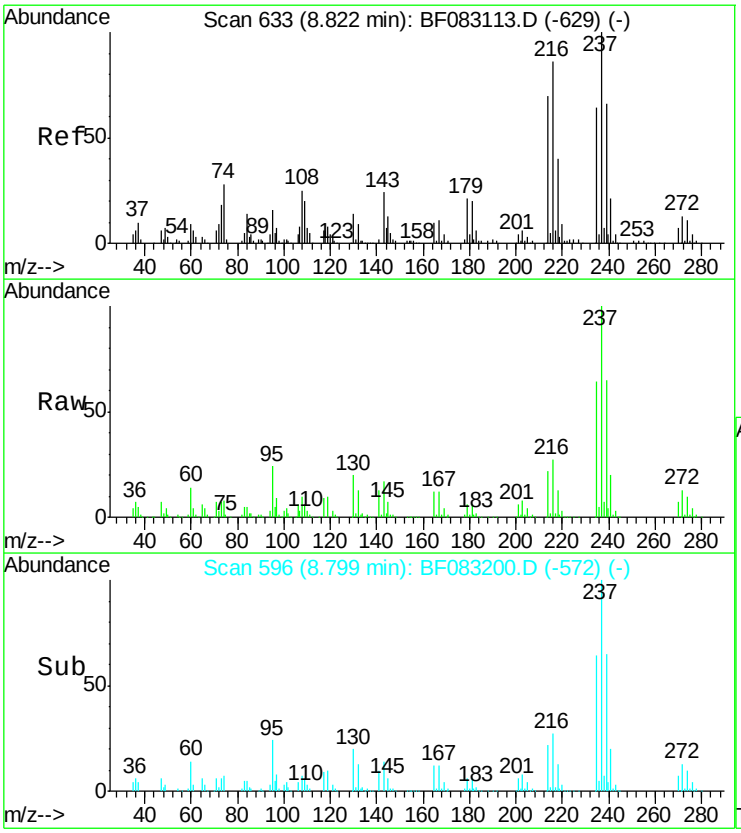
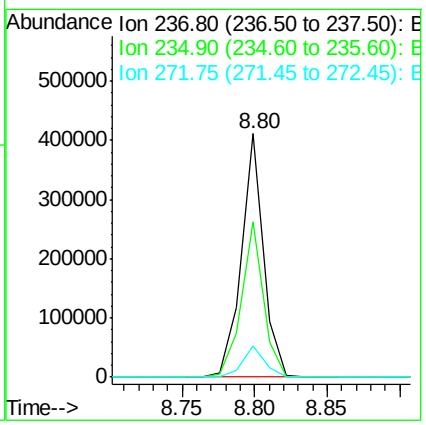
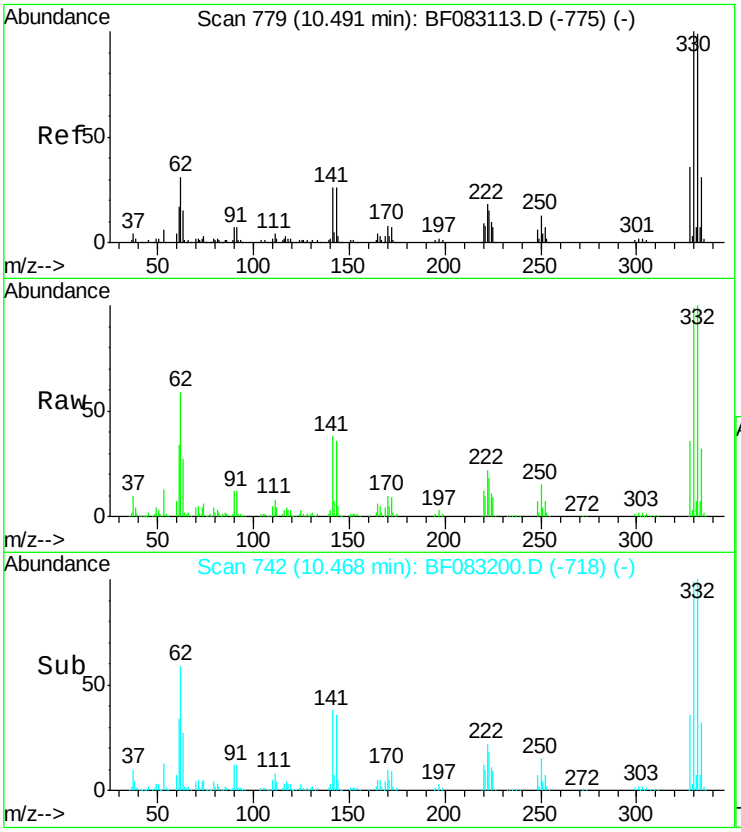



#40
Hexachlorocyclopentadiene
Concen: 57.46 ng
RT: 8.80 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:237 Resp: 432392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.7 | 43.5 | 83.5 |
| 272 | 12.7 | 0.0 | 33.1 |

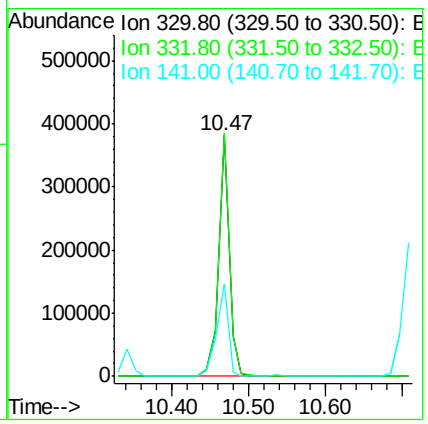





#41
2,4,6-Tribromophenol
Concen: 88.22 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:330 Resp: 368555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 100.4 | 77.7 | 116.5 |
| 141 | 41.6 | 29.7 | 44.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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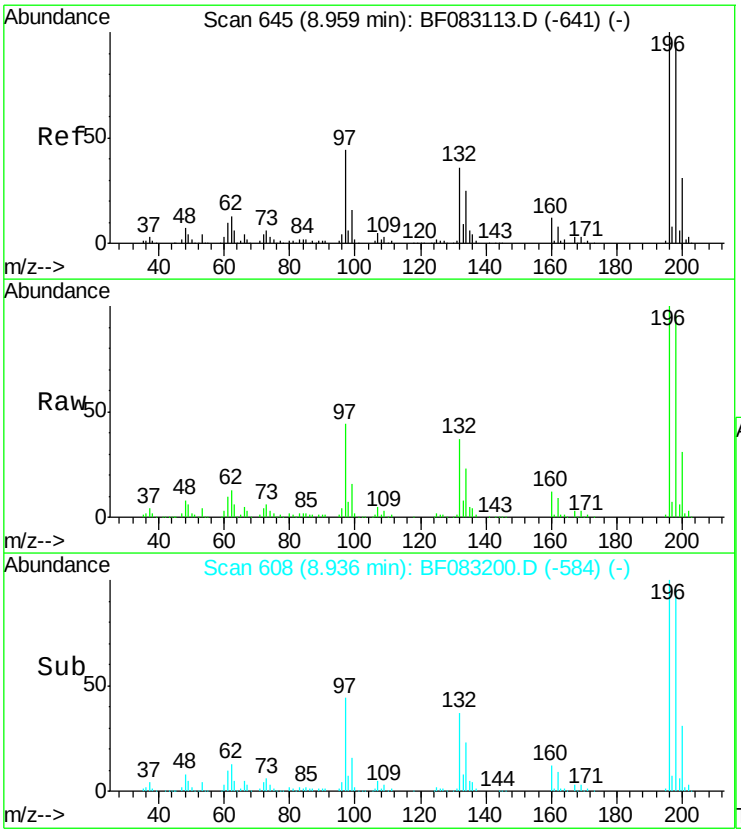
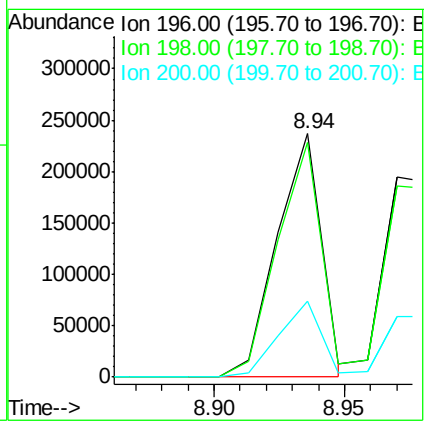
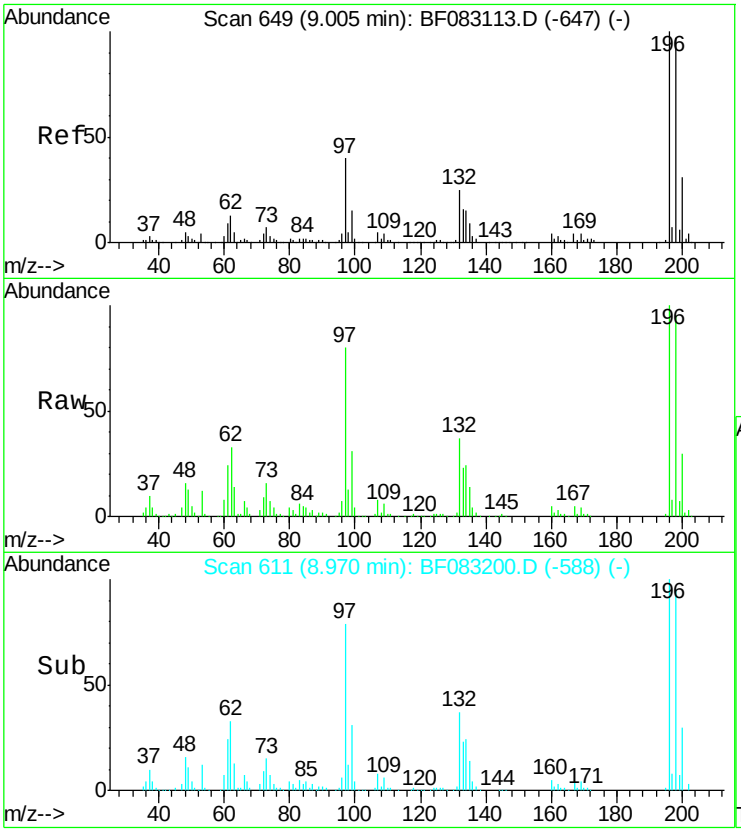



#42
2,4,6-Trichlorophenol
Concen: 29.48 ng
RT: 8.94 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:196 Resp: 279447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 75.9 | 113.9 |
| 200 | 31.1 | 24.5 | 36.7 |

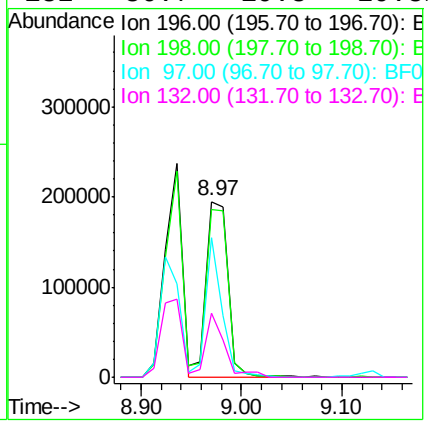





#43
2,4,5-Trichlorophenol
Concen: 30.07 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:196 Resp: 291377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 77.6 | 116.4 |
| 97 | 79.7 | 32.6 | 48.8# |
| 132 | 36.7 | 19.8 | 29.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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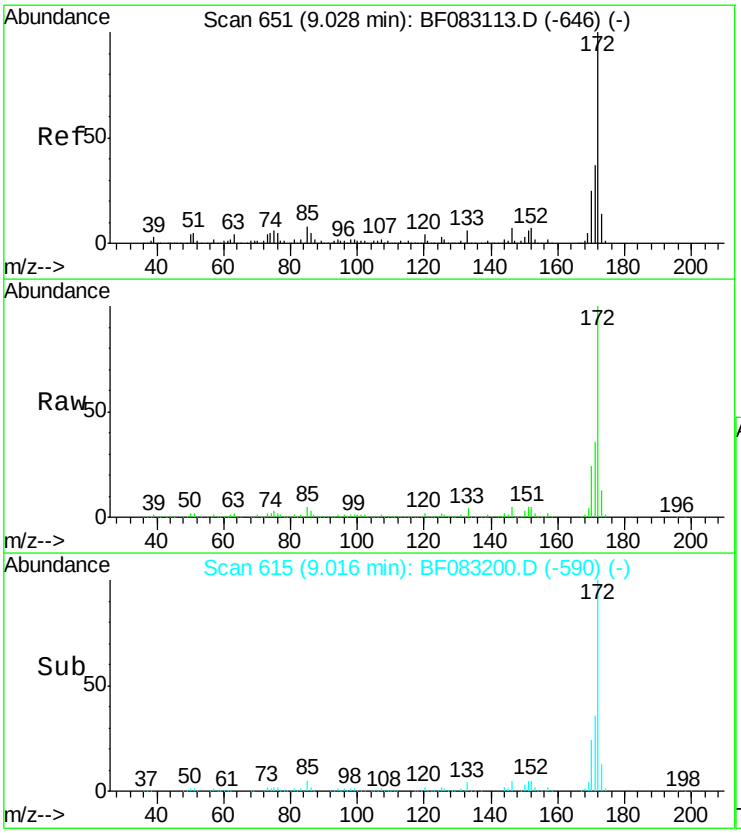
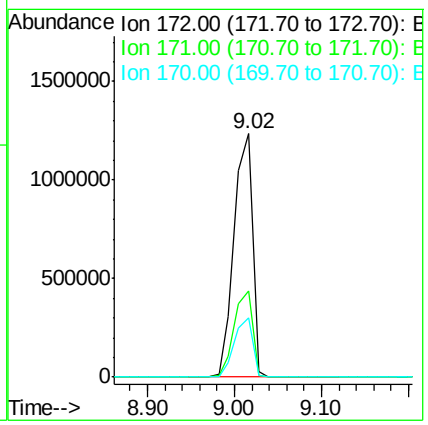
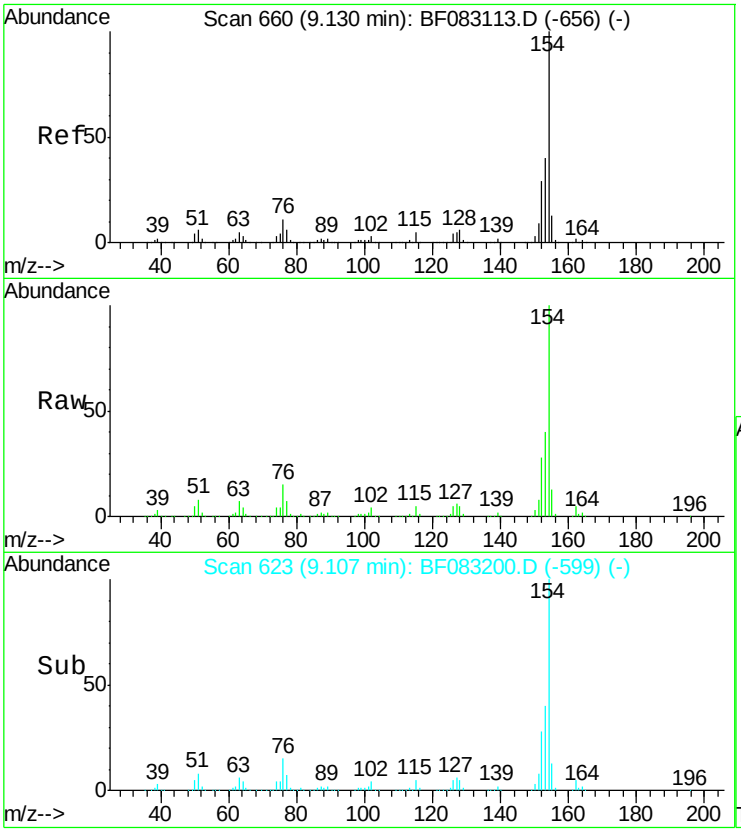



#44
2-Fluorobiphenyl
Concen: 62.10 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:172 Resp: 1818406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.5 | 44.3 |
| 170 | 24.1 | 19.9 | 29.9 |

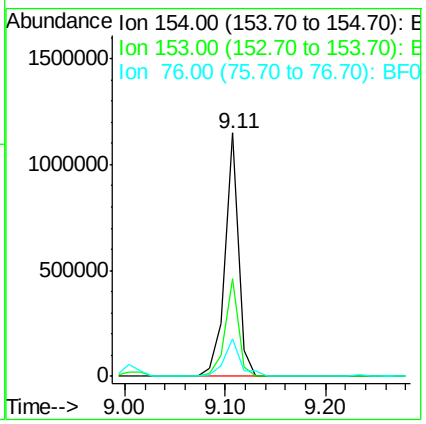





#45
1,1'-Biphenyl
Concen: 30.92 ng
RT: 9.11 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:154 Resp: 1074646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.5 | 60.5 |
| 76 | 15.4 | 0.0 | 31.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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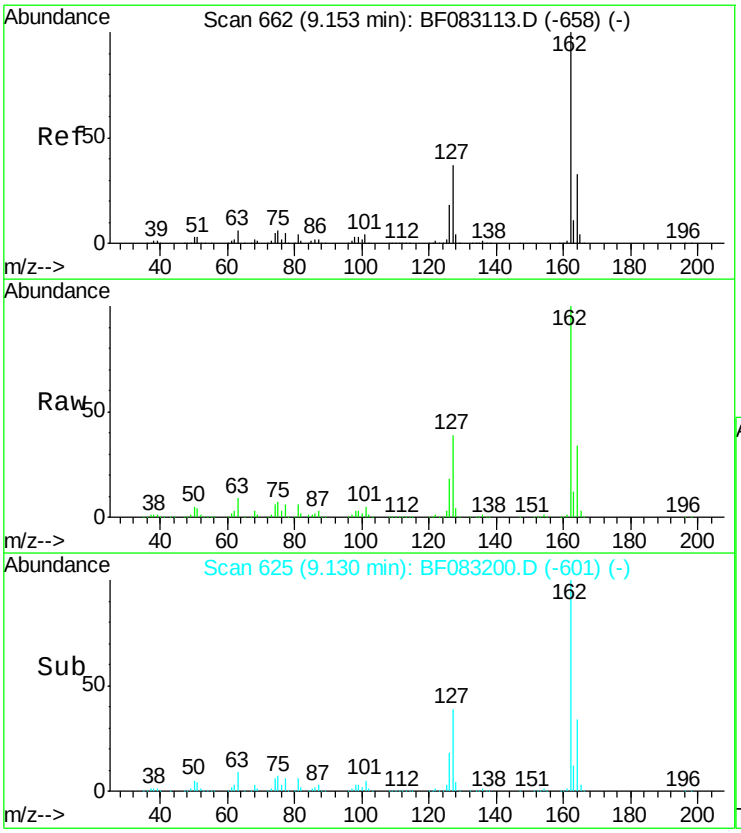
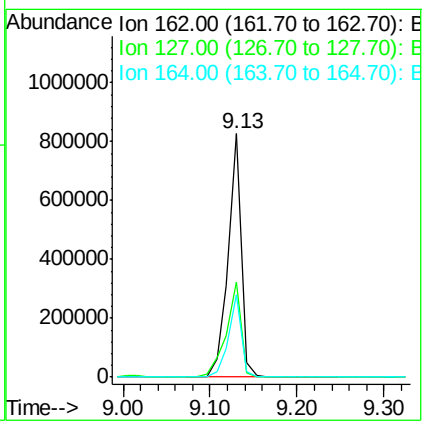
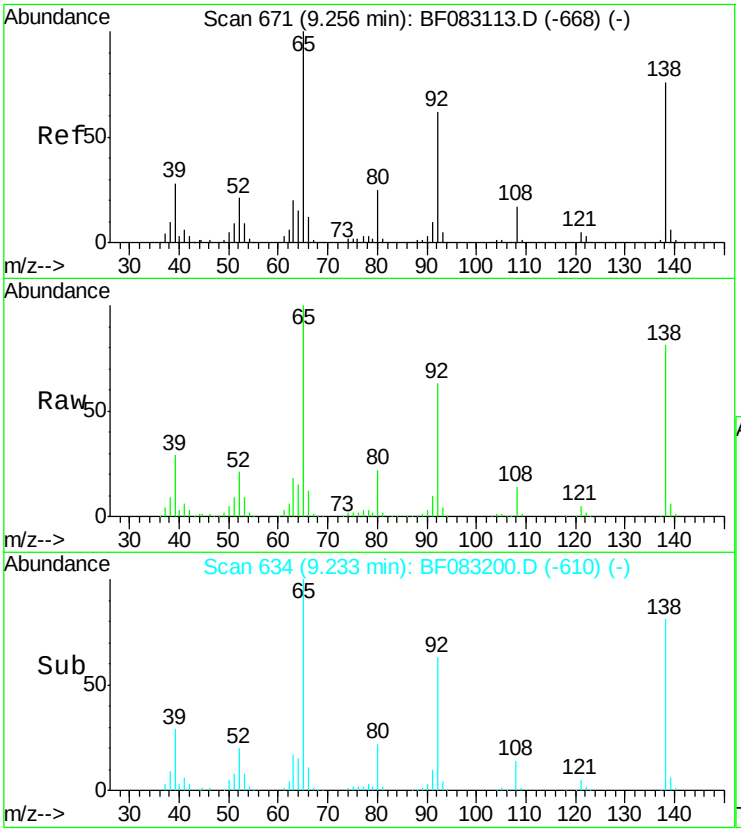



#46
2-Chloronaphthalene
Concen: 31.66 ng
RT: 9.13 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:162 Resp: 864191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 29.4 | 44.2 |
| 164 | 33.8 | 26.2 | 39.4 |

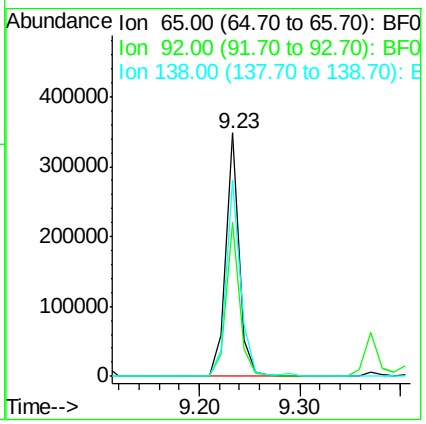





#47
2-Nitroaniline
Concen: 33.49 ng
RT: 9.23 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 65 Resp: 323391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.0 | 49.5 | 74.3 |
| 138 | 80.8 | 60.7 | 91.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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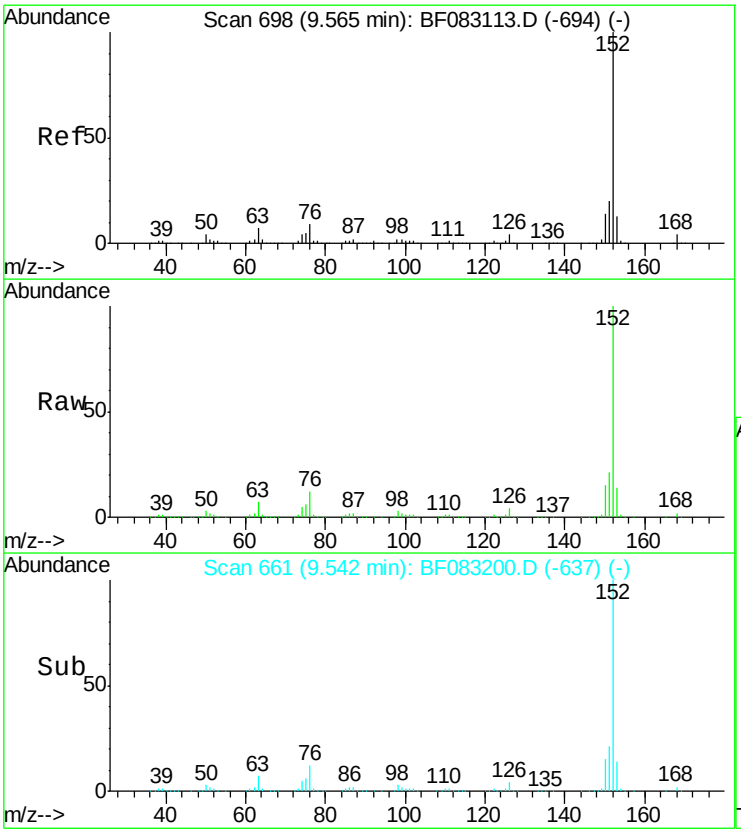
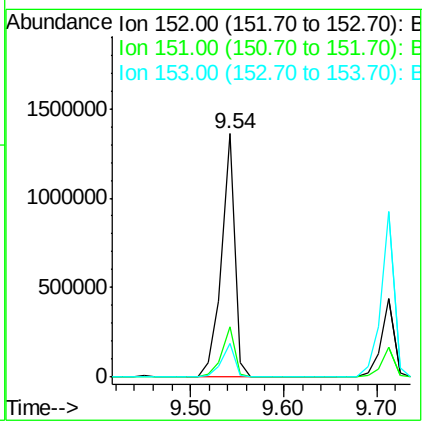
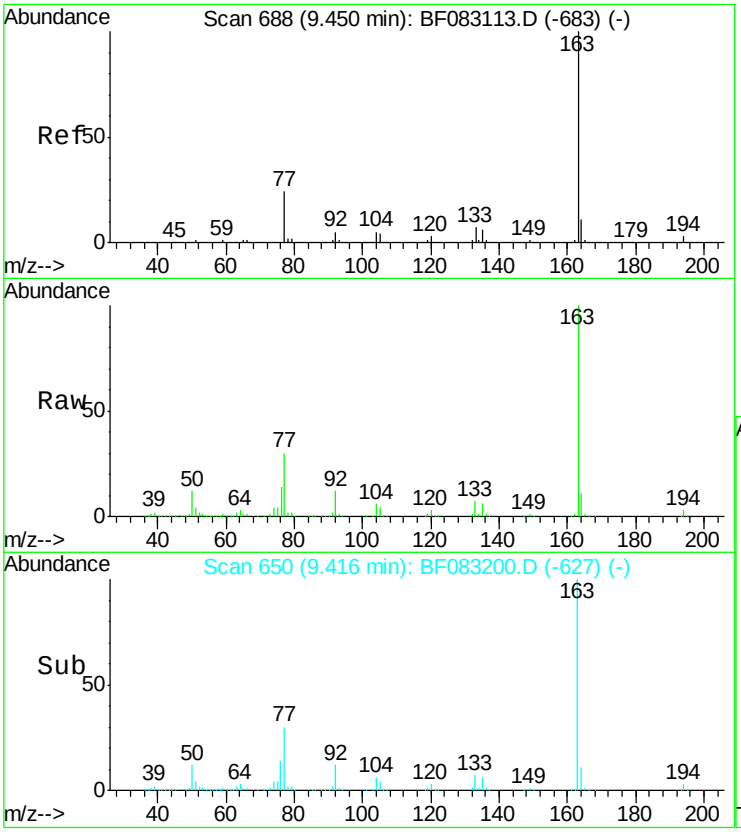



#48
Acenaphthylene
Concen: 31.78 ng
RT: 9.54 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:152 Resp: 1344383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.9 | 16.3 | 24.5 |
| 153 | 14.1 | 10.8 | 16.2 |

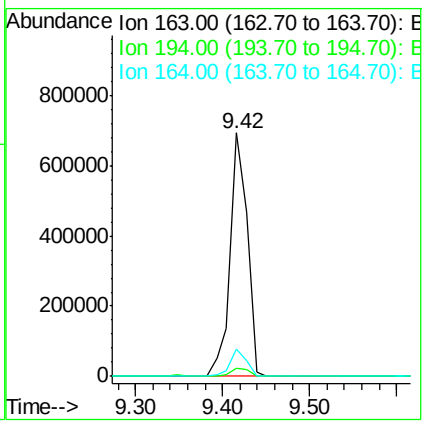





#49
Dimethylphthalate
Concen: 29.85 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:163 Resp: 938301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 11.1 | 8.6 | 12.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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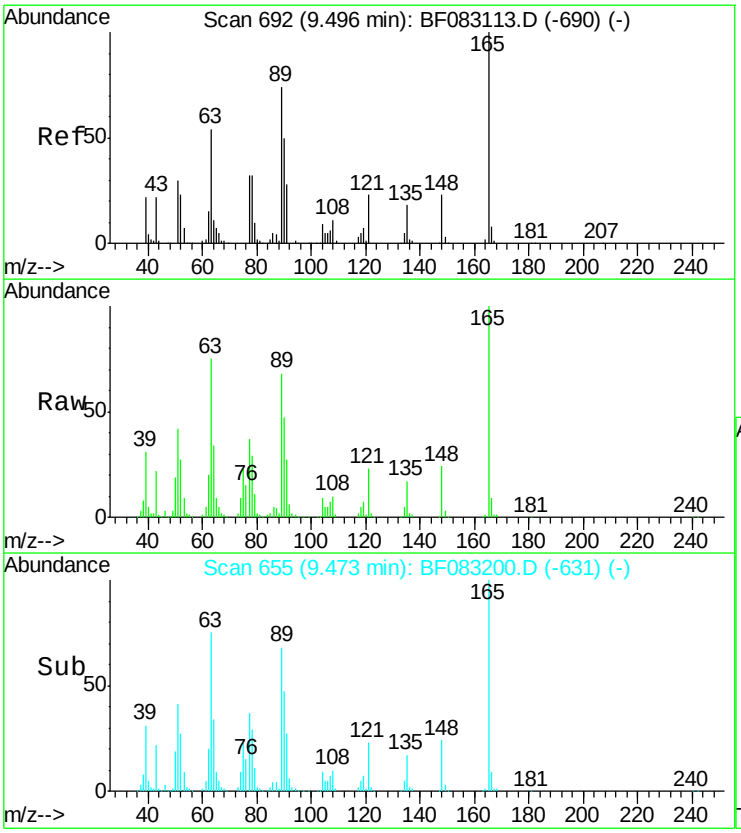
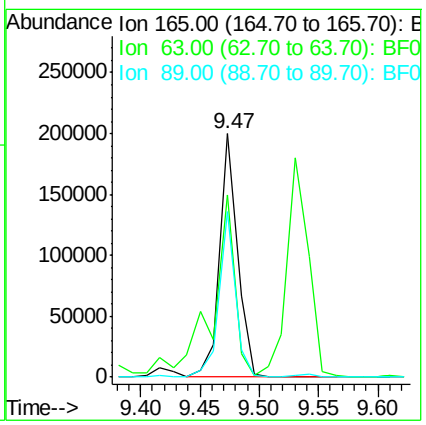
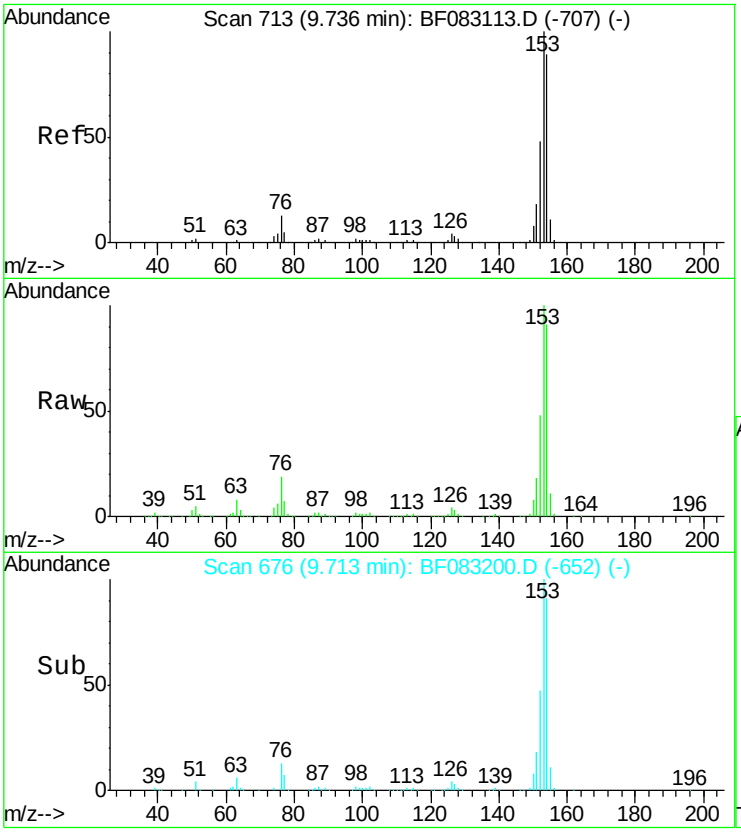



#50
2,6-Dinitrotoluene
Concen: 29.37 ng
RT: 9.47 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:165 Resp: 207168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 75.0 | 62.5 | 93.7 |
| 89 | 68.0 | 59.1 | 88.7 |

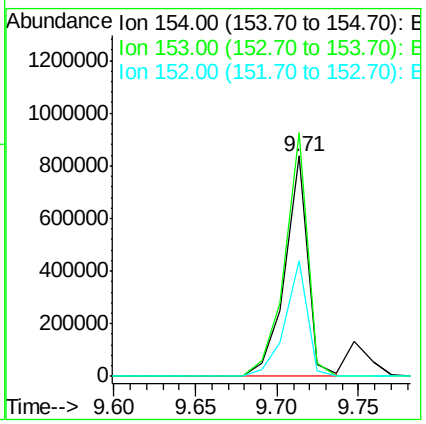





#51
Acenaphthene
Concen: 31.80 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:154 Resp: 818772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.5 | 89.6 | 134.4 |
| 152 | 52.5 | 43.3 | 64.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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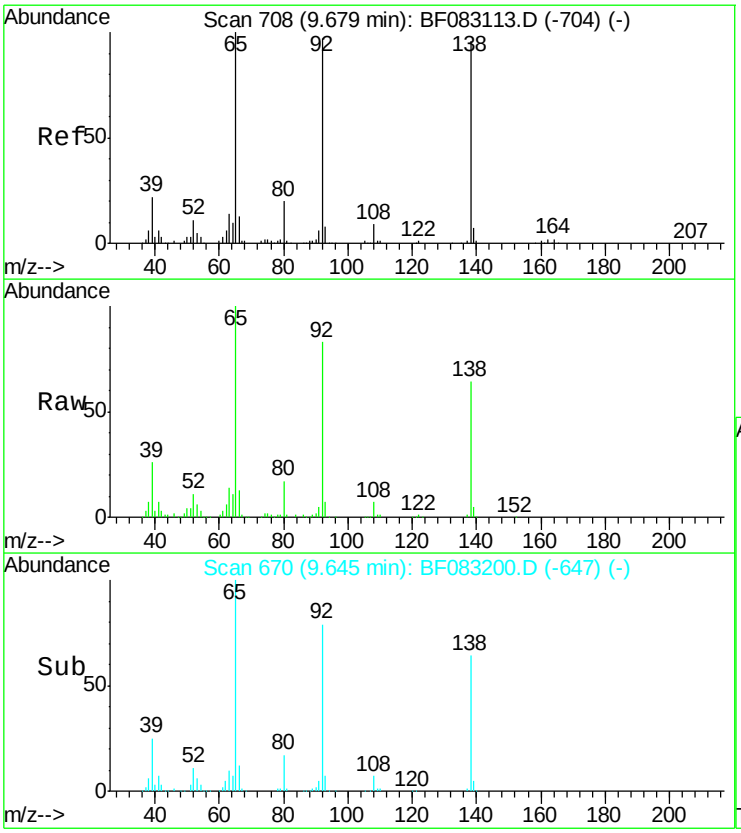
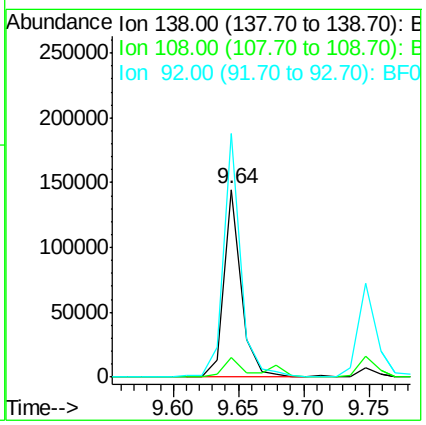
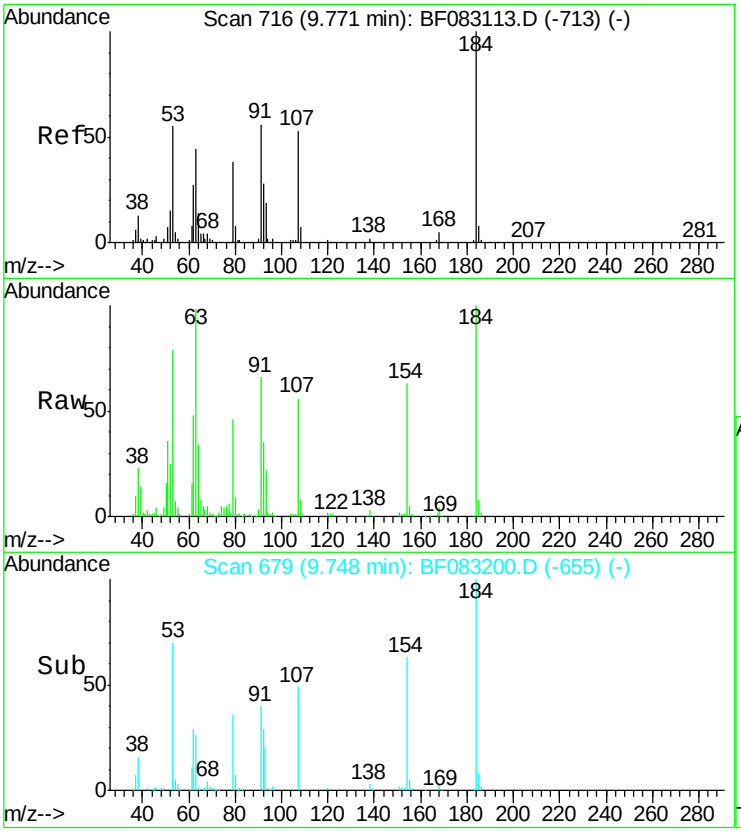



#52
3-Nitroaniline
Concen: 17.81 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:138 Resp: 133972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 7.8 | 11.6 |
| 92 | 130.0 | 81.1 | 121.7# |

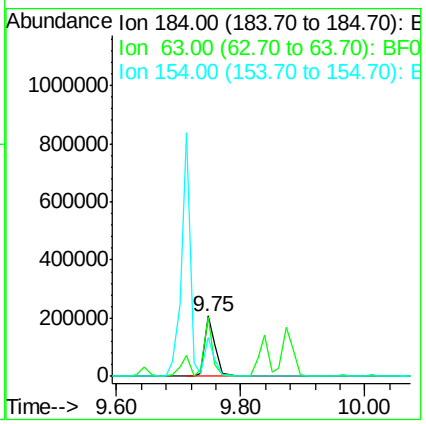





#53
2,4-Dinitrophenol
Concen: 62.18 ng
RT: 9.75 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:184 Resp: 252690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 97.8 | 60.5 | 90.7# |
| 154 | 63.5 | 54.3 | 81.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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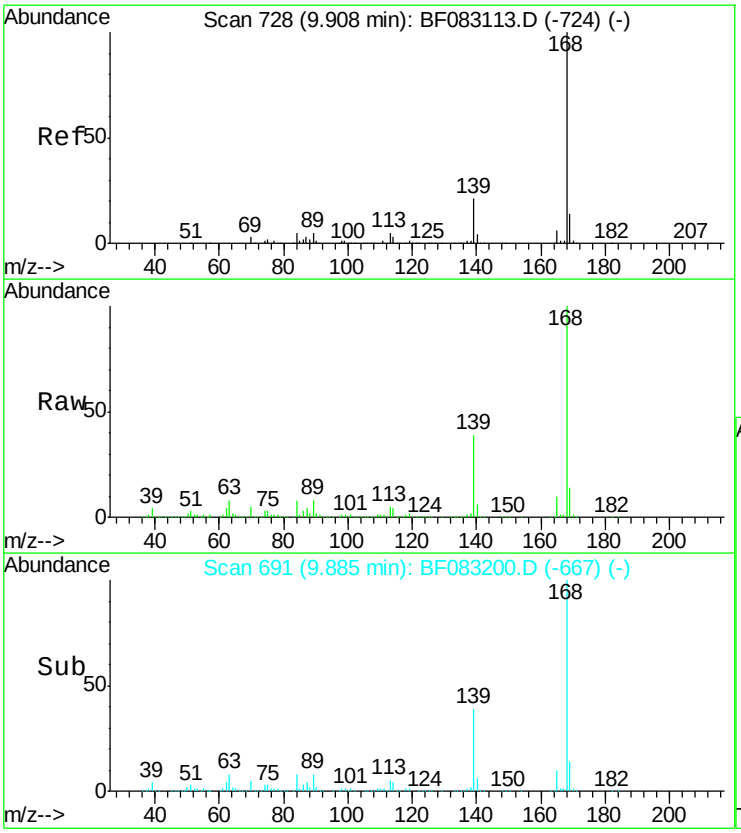
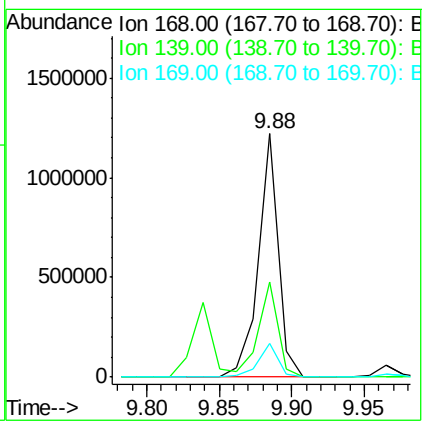
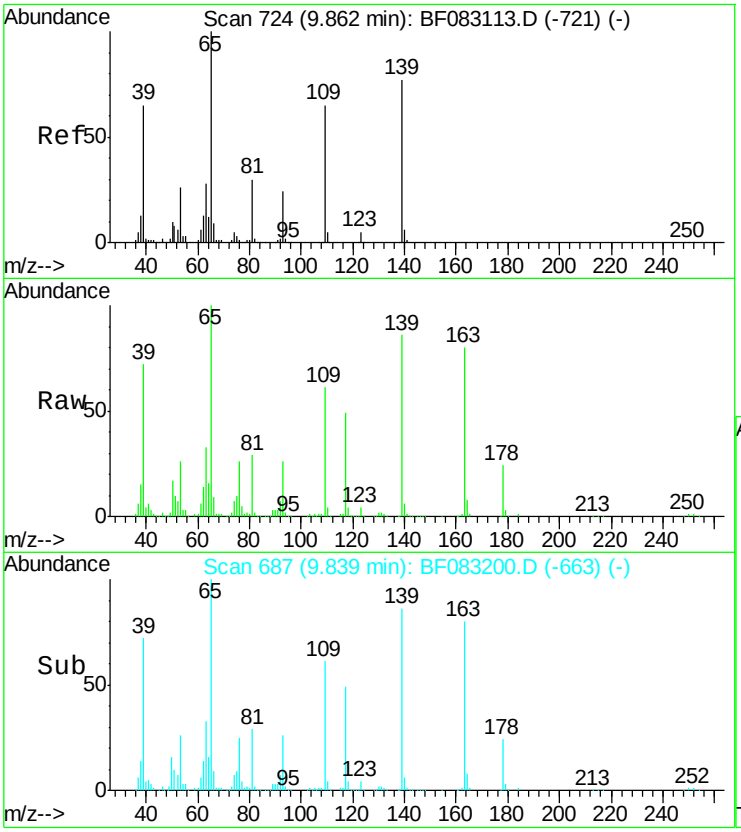



#54
Dibenzofuran
Concen: 31.97 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:168 Resp: 1163740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.0 | 30.2 | 45.2 |
| 169 | 13.7 | 10.9 | 16.3 |

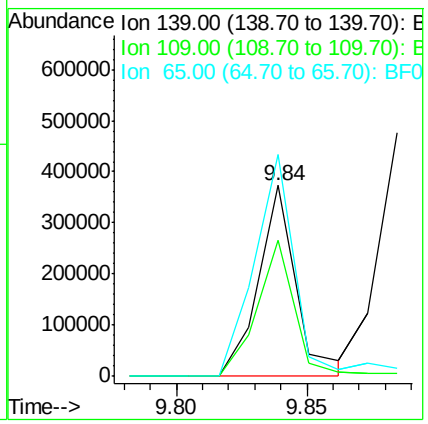





#55
4-Nitrophenol
Concen: 64.62 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:139 Resp: 372659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 71.1 | 64.0 | 104.0 |
| 65 | 116.1 | 109.5 | 149.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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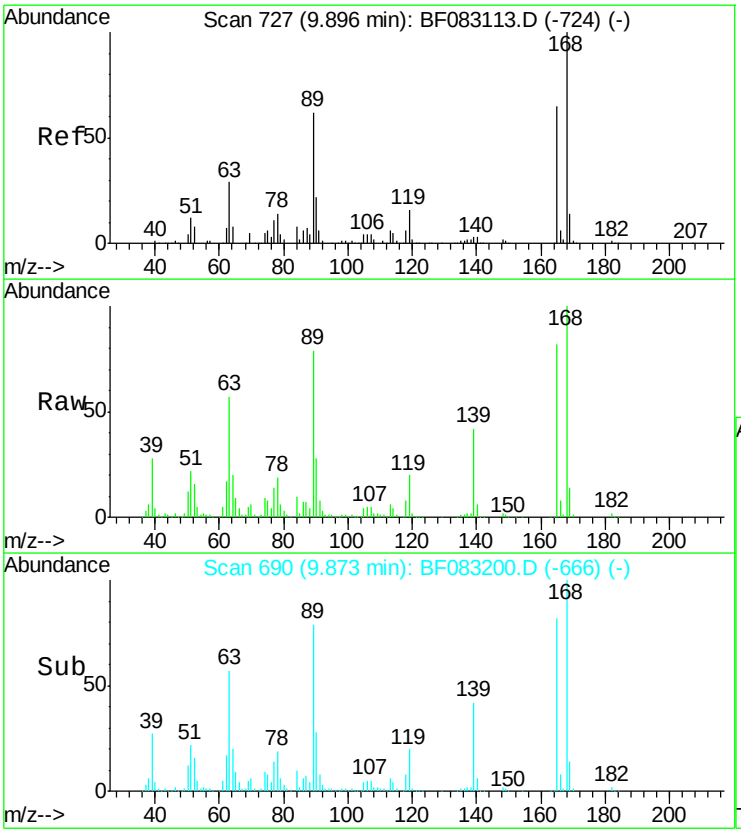
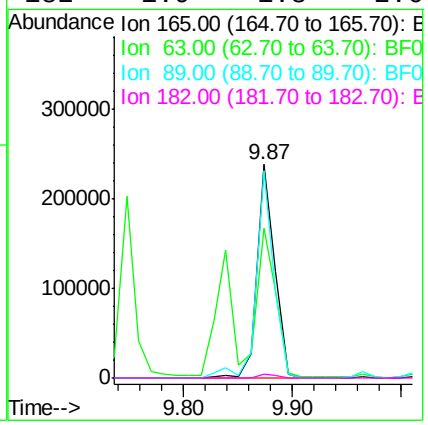
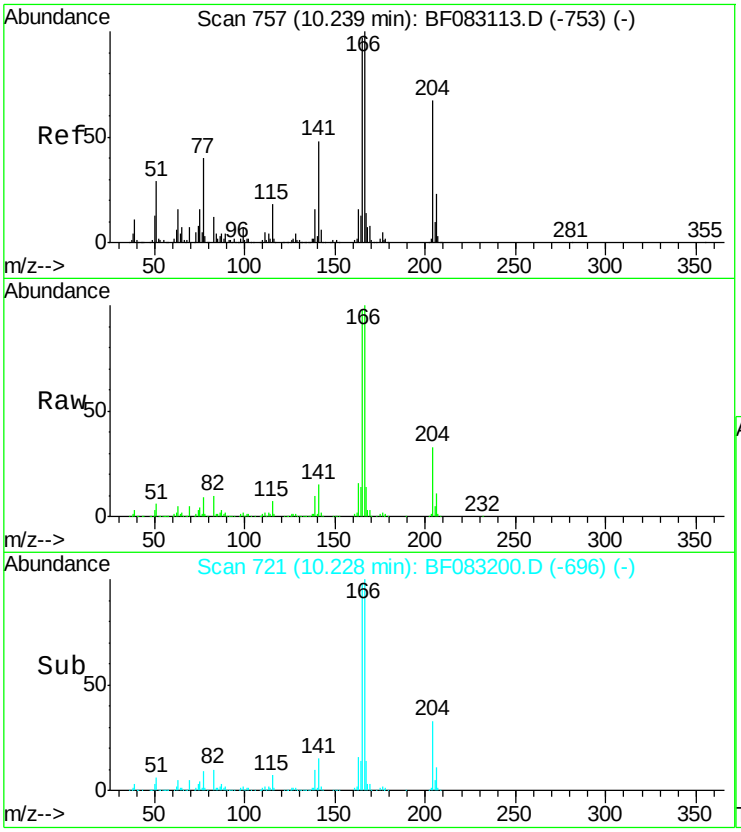



#56
2,4-Dinitrotoluene
Concen: 30.39 ng
RT: 9.87 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:165 Resp: 271612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 69.9 | 54.5 | 81.7 |
| 89 | 97.2 | 77.3 | 115.9 |
| 182 | 1.9 | 1.8 | 2.6 |

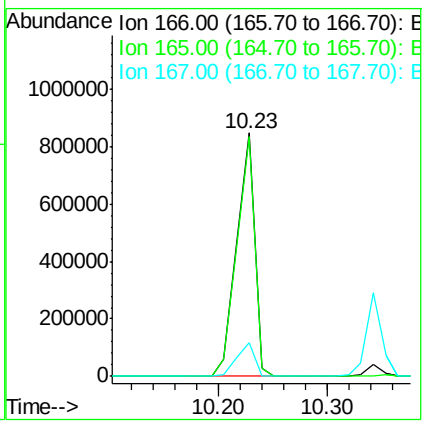





#57
Fluorene
Concen: 31.91 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:166 Resp: 959949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 78.0 | 117.0 |
| 167 | 13.7 | 11.3 | 16.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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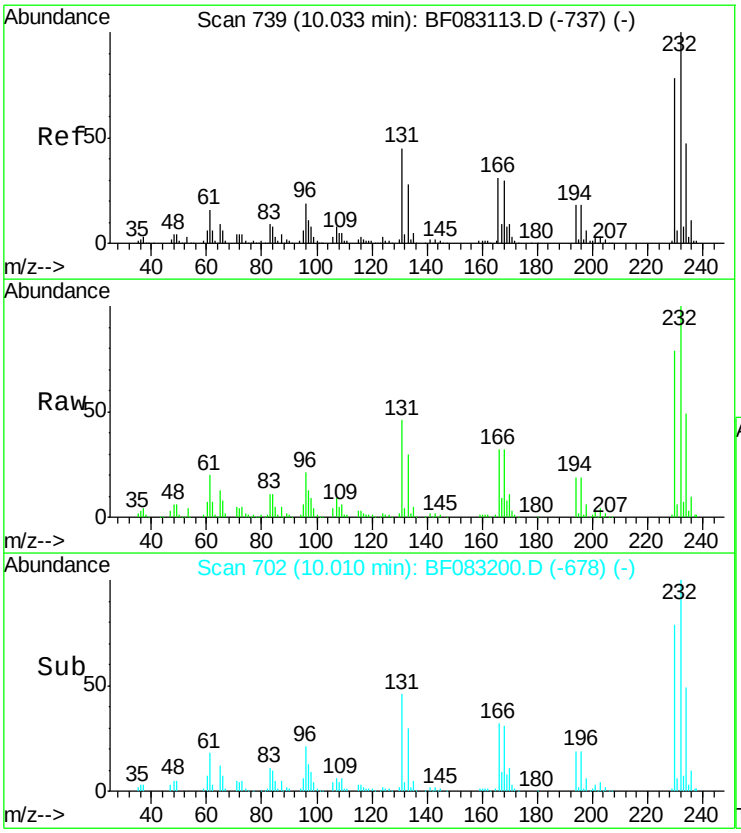
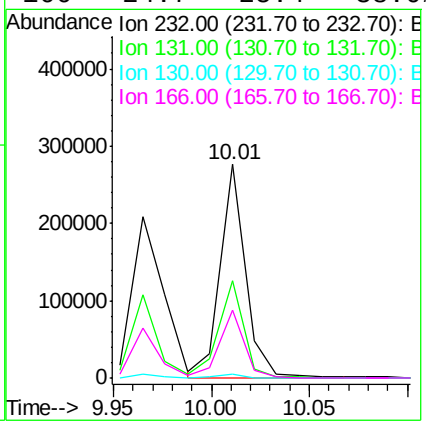
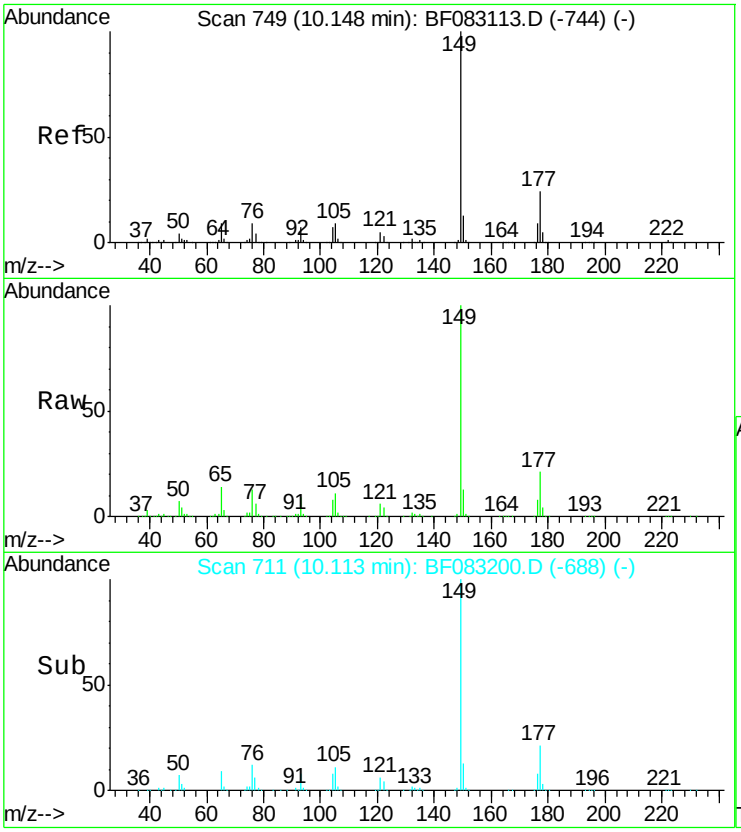



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.63 ng m
RT: 10.01 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:232 Resp: 251472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.7 | 38.6 | 57.8 |
| 130 | 1.9 | 1.9 | 2.9 |
| 166 | 24.7 | 25.4 | 38.0# |

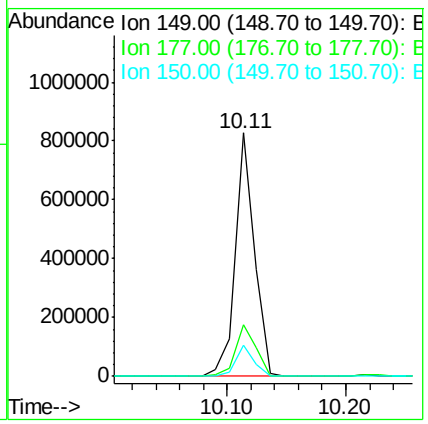





#59
Diethylphthalate
Concen: 29.67 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:149 Resp: 928525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.1 | 19.4 | 29.2 |
| 150 | 12.9 | 10.2 | 15.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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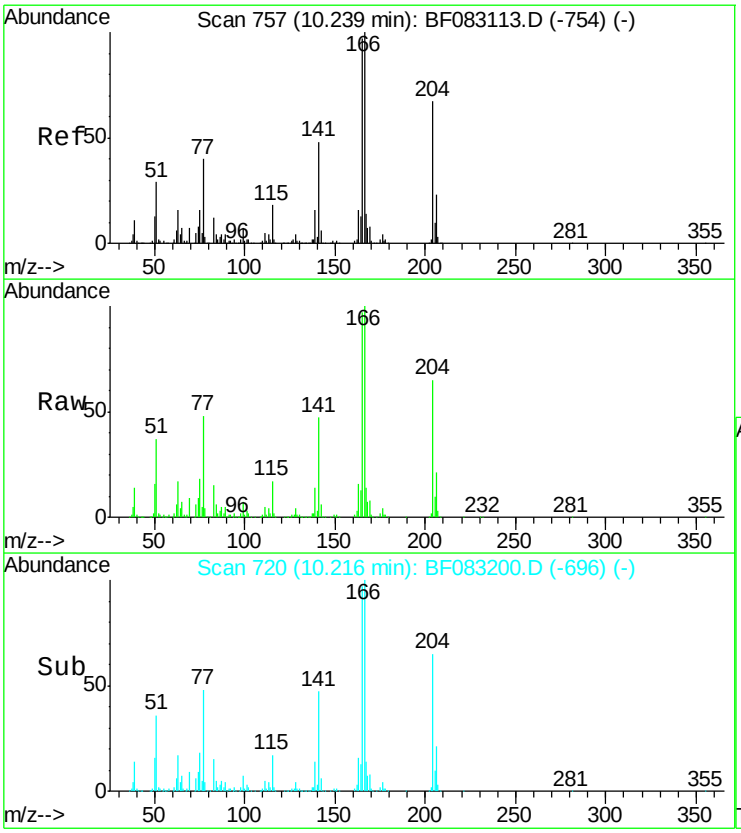
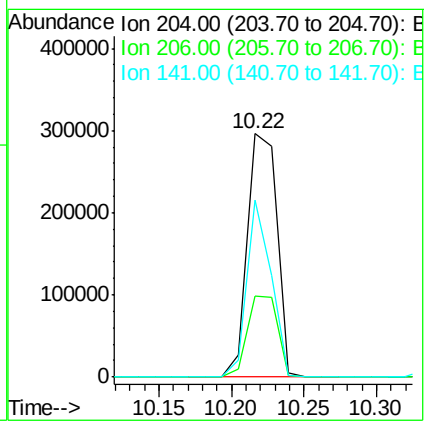
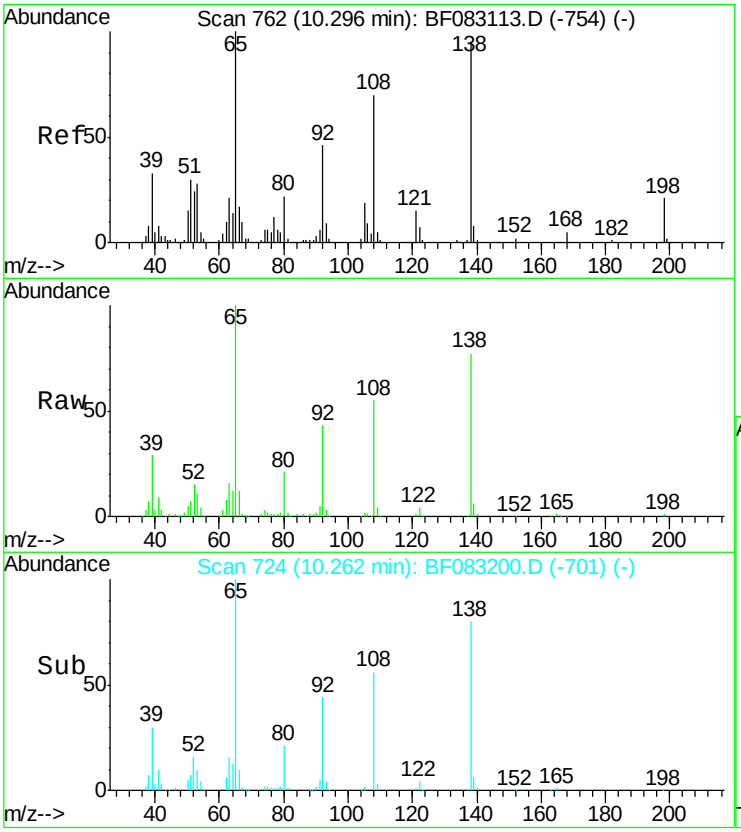



#60
4-Chlorophenyl-phenylether
Concen: 30.48 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:204 Resp: 419971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 27.4 | 41.0 |
| 141 | 72.8 | 57.4 | 86.2 |

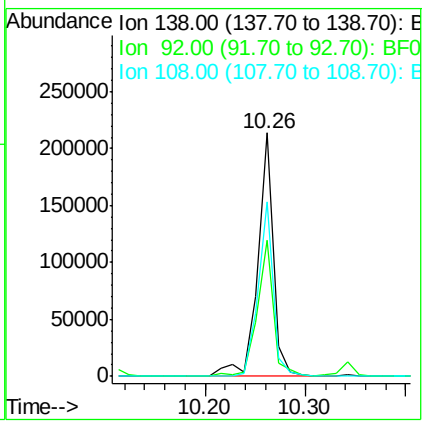





#61
4-Nitroaniline
Concen: 31.34 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:138 Resp: 232050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.7 | 28.4 | 68.4 |
| 108 | 71.9 | 53.5 | 93.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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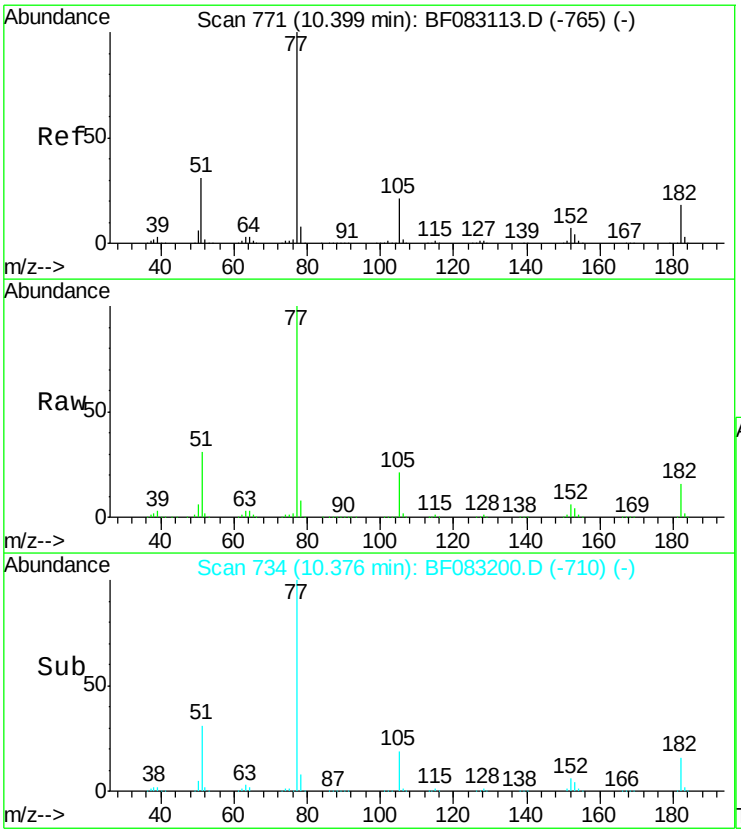
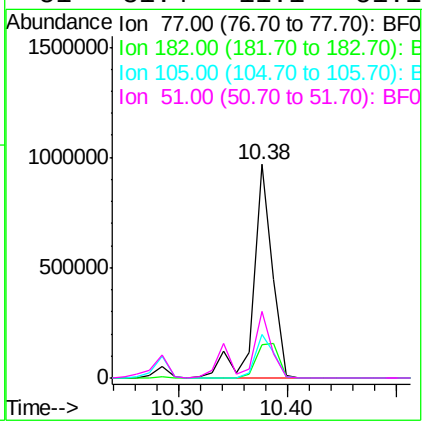
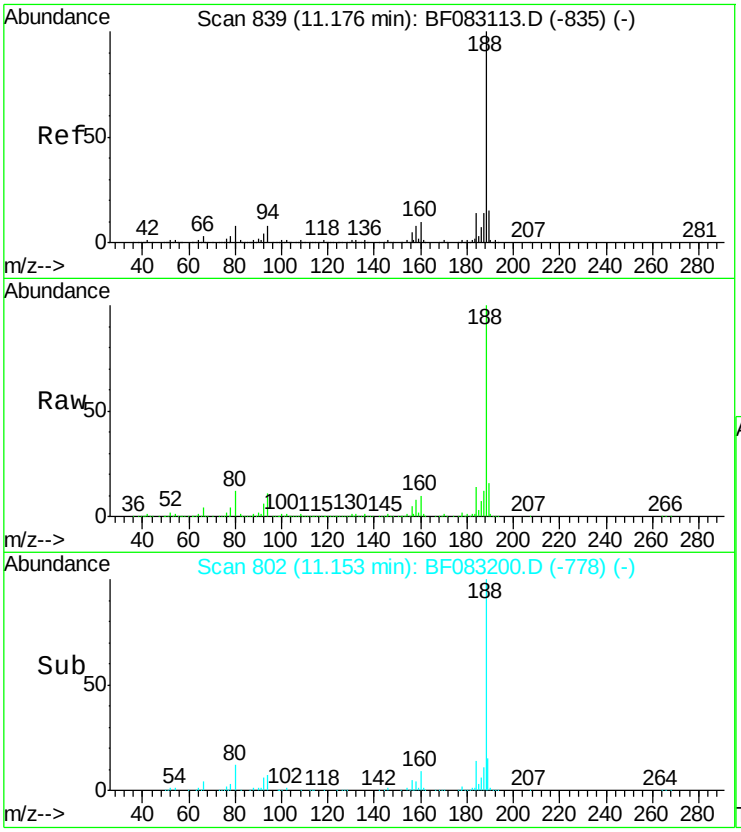



#62
Azobenzene
Concen: 32.99 ng
RT: 10.38 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 77 Resp: 1178246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 15.7 | 0.0 | 38.3 |
| 105 | 20.5 | 1.2 | 41.2 |
| 51 | 31.4 | 11.1 | 51.1 |

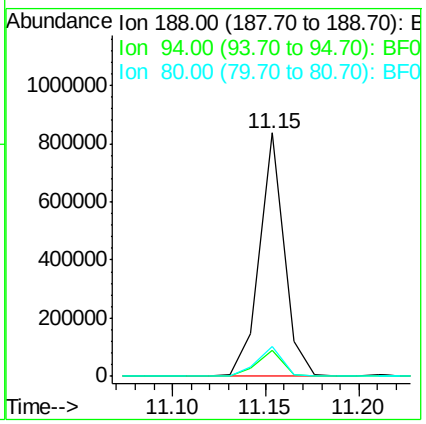





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:188 Resp: 765517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 6.0 | 9.0# |
| 80 | 12.0 | 6.7 | 10.1# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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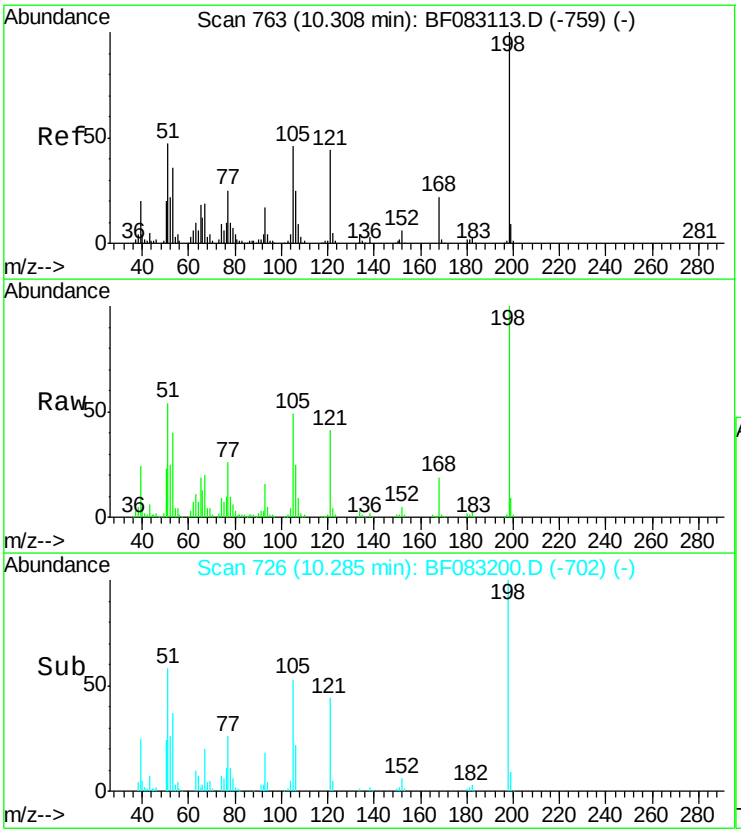
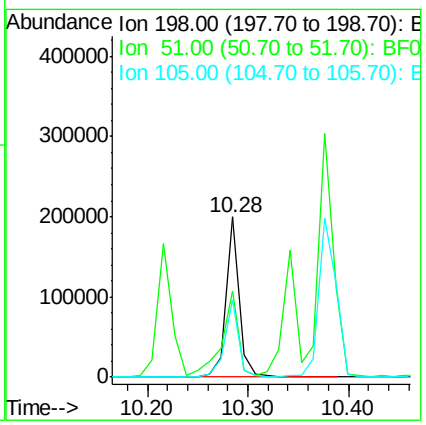
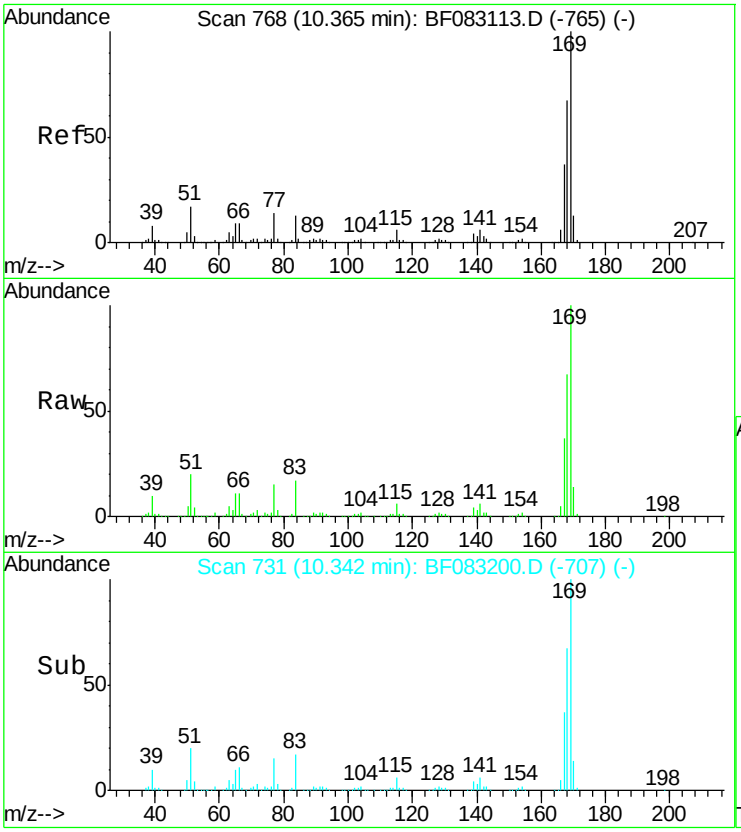



#64
4,6-Dinitro-2-methylphenol
Concen: 34.08 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:198 Resp: 179733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 53.6 | 27.0 | 67.0 |
| 105 | 48.5 | 26.1 | 66.1 |

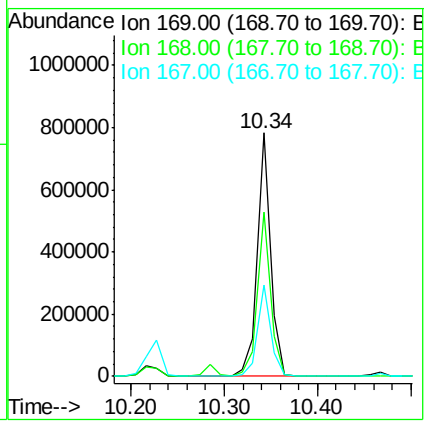





#65
n-Nitrosodiphenylamine
Concen: 29.76 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:169 Resp: 774782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 53.8 | 80.6 |
| 167 | 37.5 | 29.8 | 44.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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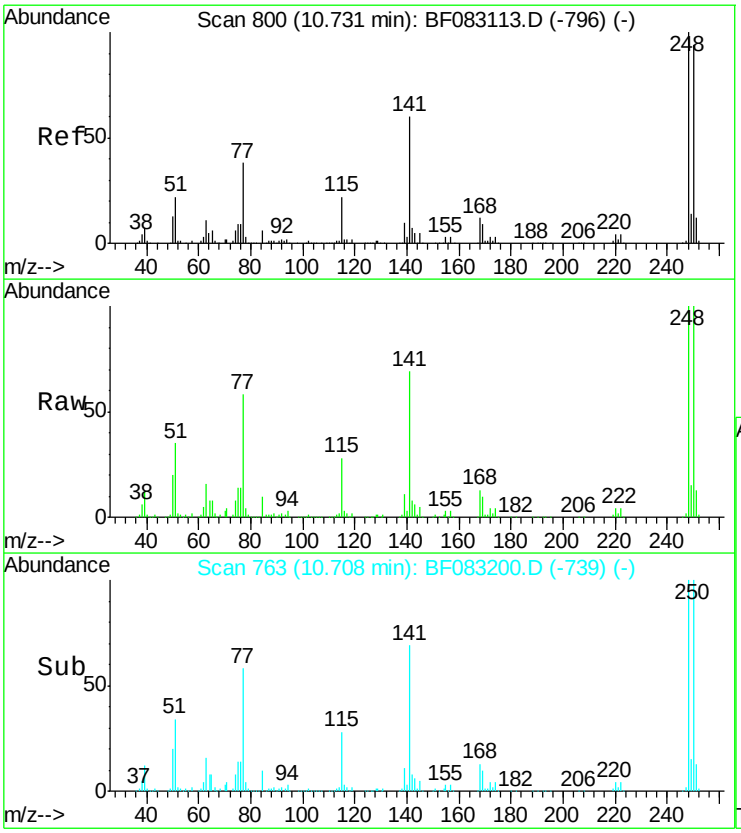
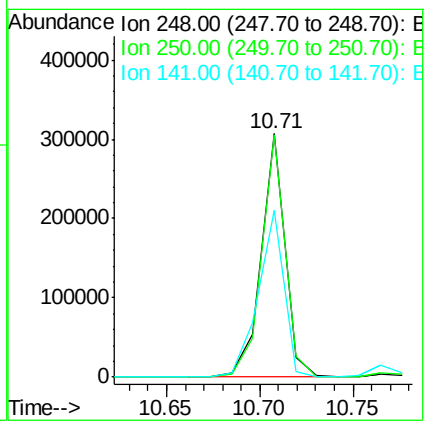
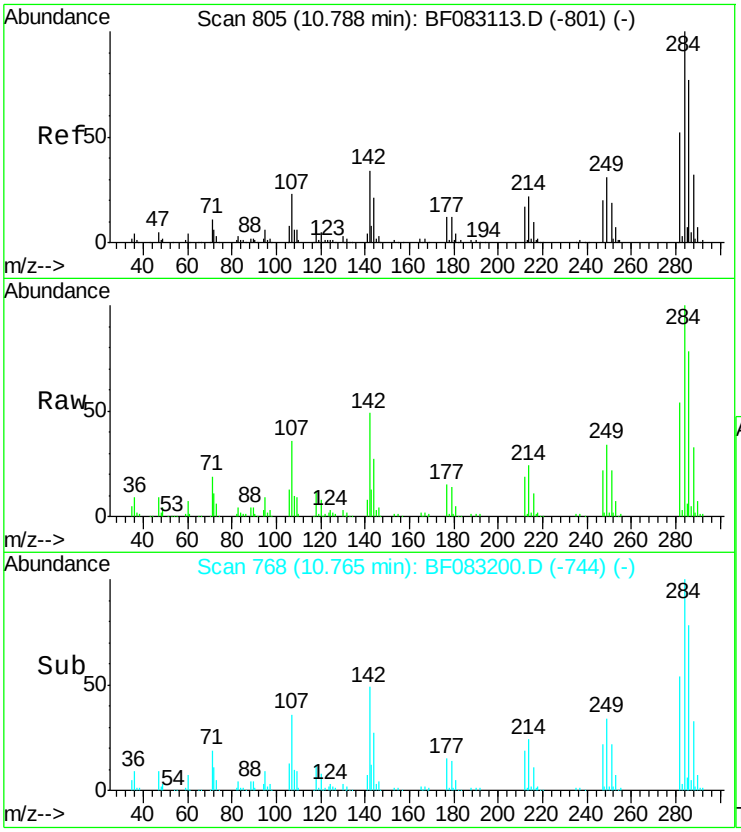



#66
4-Bromophenyl-phenylether
Concen: 31.71 ng
RT: 10.71 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:248 Resp: 269400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.7 | 75.4 | 113.2 |
| 141 | 68.6 | 48.1 | 72.1 |

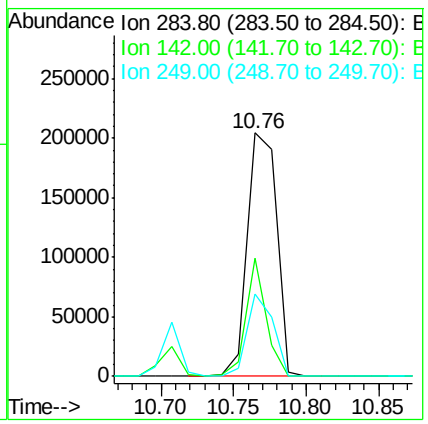





#67
Hexachlorobenzene
Concen: 30.82 ng
RT: 10.76 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:284 Resp: 288335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 48.5 | 27.6 | 41.4# |
| 249 | 33.8 | 25.5 | 38.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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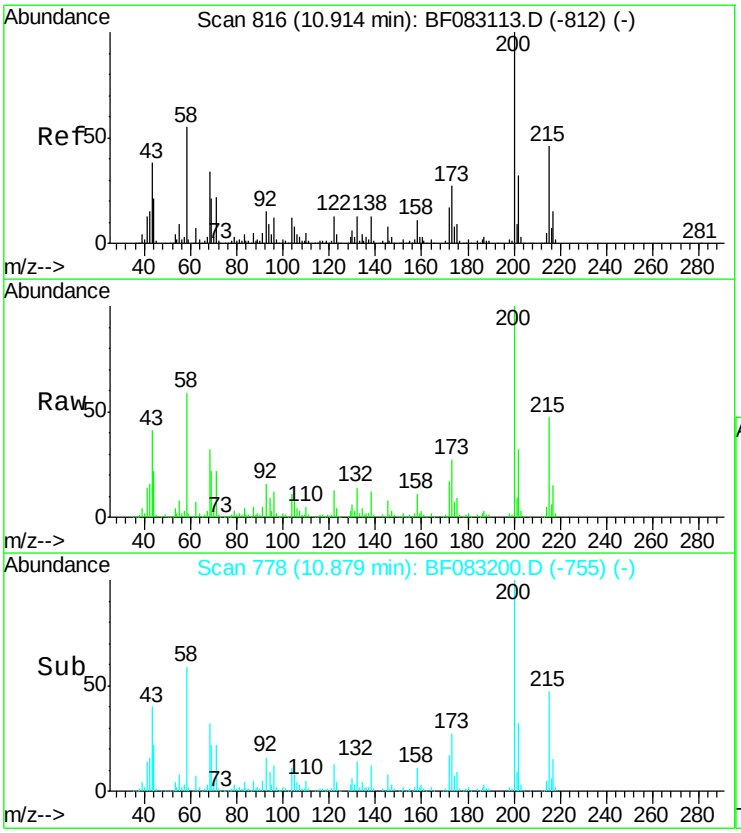
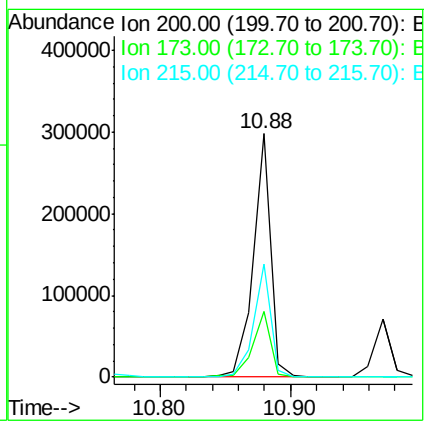
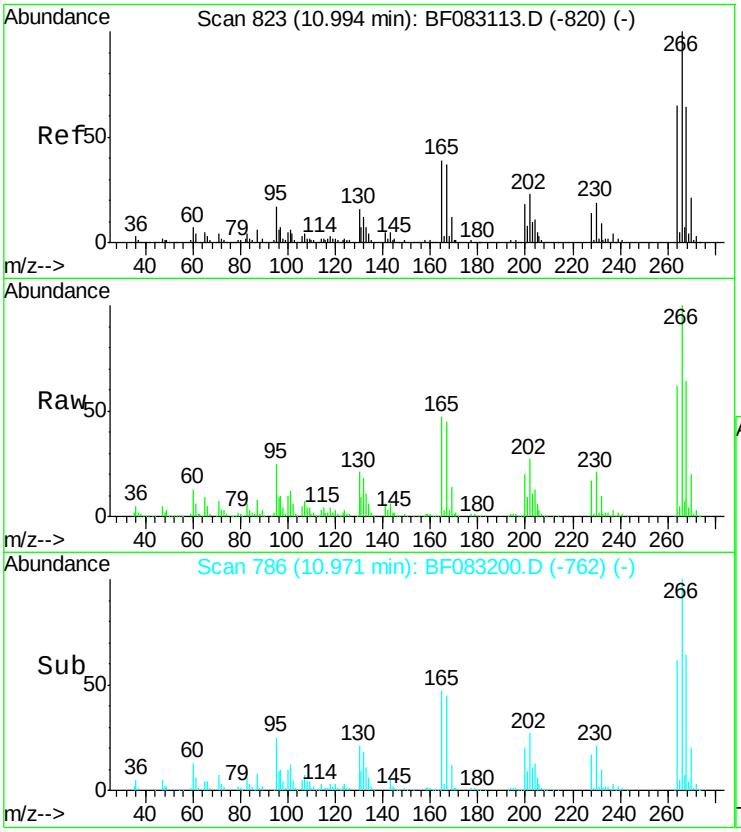



#68
Atrazine
Concen: 36.67 ng
RT: 10.88 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:200 Resp: 277232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.2 | 7.2 | 47.2 |
| 215 | 46.6 | 25.7 | 65.7 |

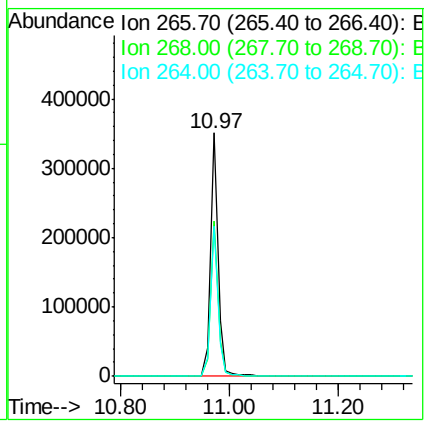





#69
Pentachlorophenol
Concen: 56.37 ng
RT: 10.97 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:266 Resp: 343499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.4 | 77.0 |
| 264 | 61.7 | 51.7 | 77.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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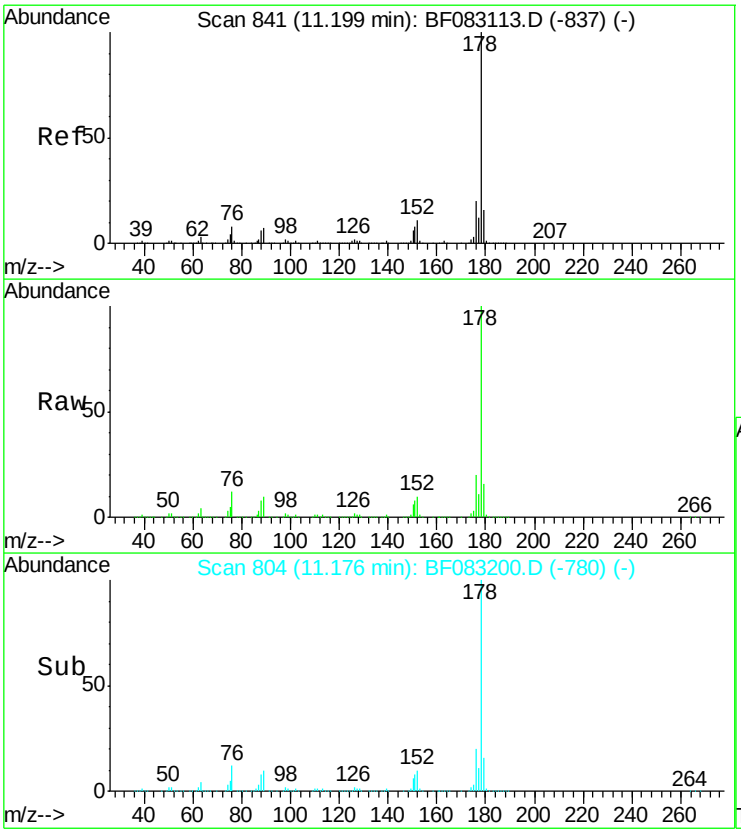
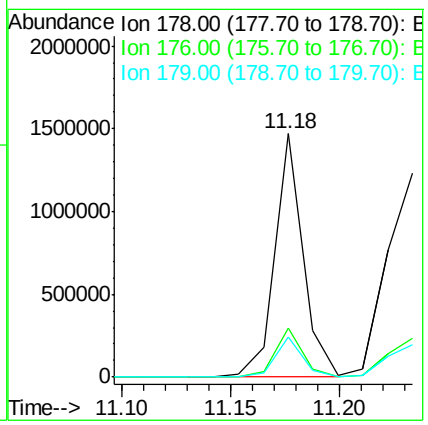
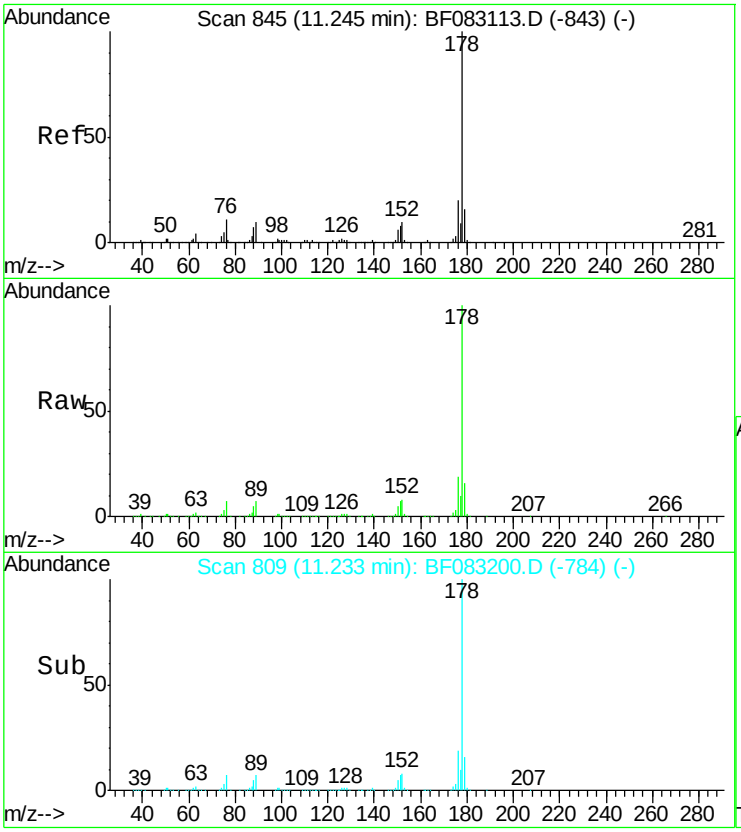



#70
Phenanthrene
Concen: 30.42 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:178 Resp: 1341632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 16.2 | 24.2 |
| 179 | 16.3 | 12.8 | 19.2 |

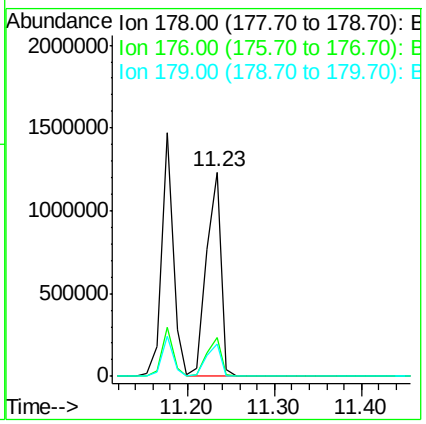





#71
Anthracene
Concen: 32.01 ng
RT: 11.23 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:178 Resp: 1440556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.6 | 23.4 |
| 179 | 15.8 | 13.2 | 19.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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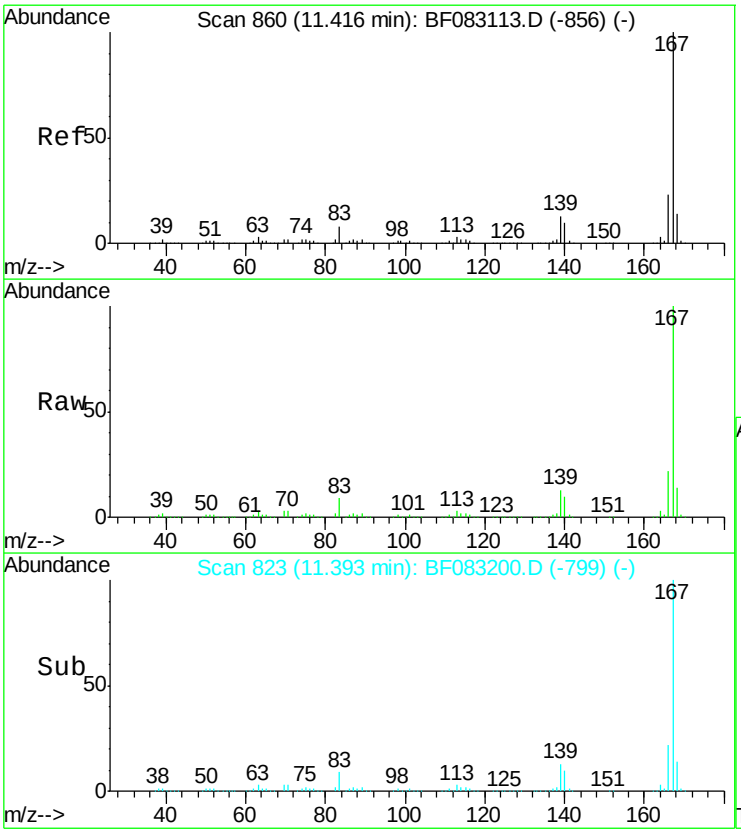
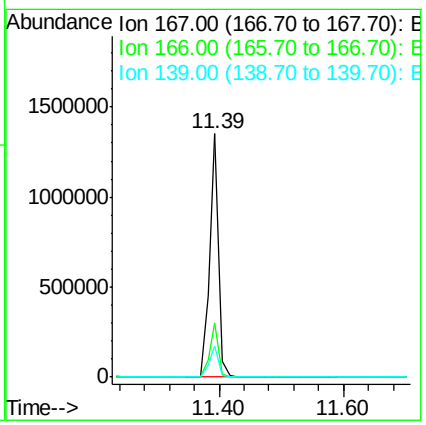
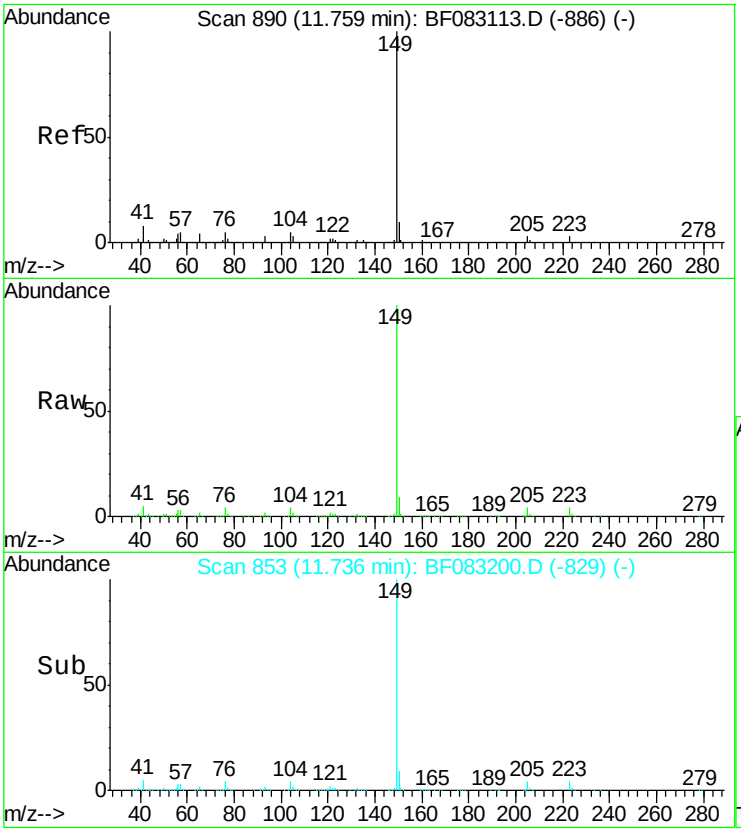



#72
Carbazole
Concen: 32.94 ng
RT: 11.39 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:167 Resp: 1317310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 18.0 | 27.0 |
| 139 | 12.7 | 10.5 | 15.7 |

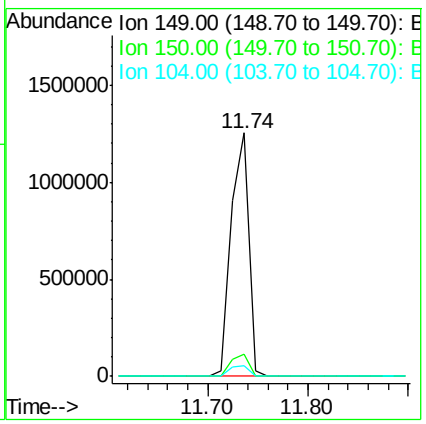





#73
Di-n-butylphthalate
Concen: 31.20 ng
RT: 11.74 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:149 Resp: 1523114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 8.0 | 12.0 |
| 104 | 4.1 | 4.4 | 6.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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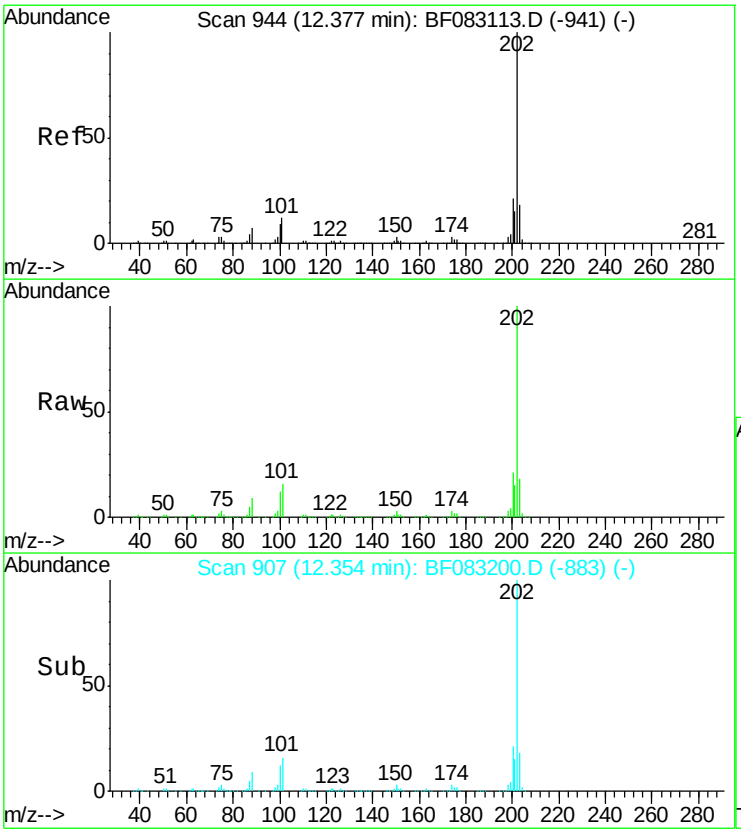
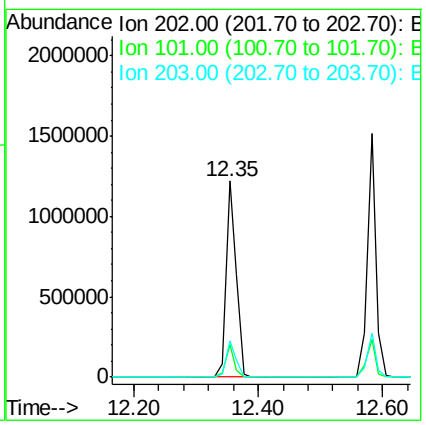
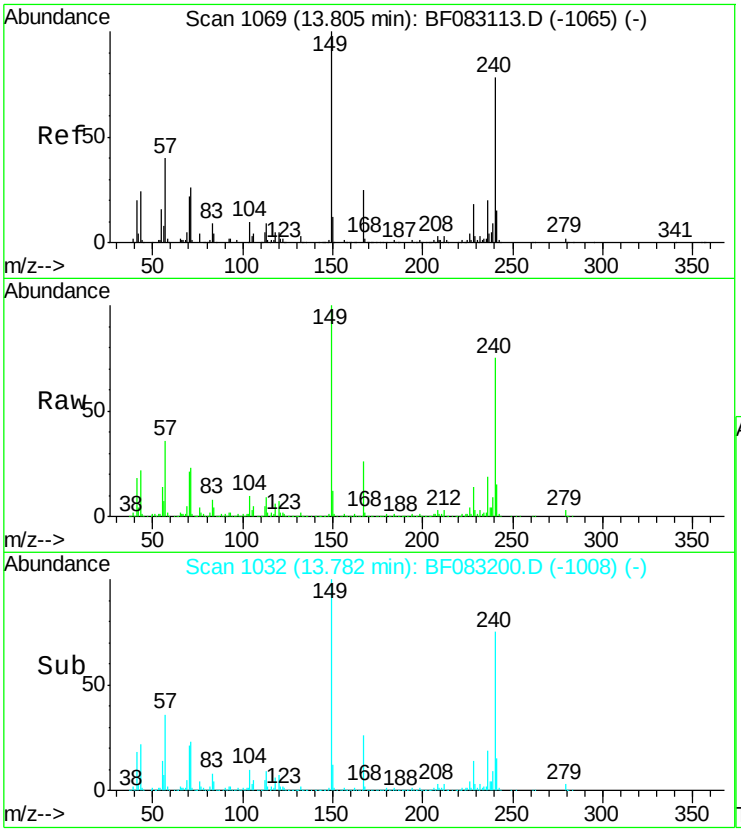



#74
Fluoranthene
Concen: 30.15 ng
RT: 12.35 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:202 Resp: 1360765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.3 | 0.0 | 32.3 |
| 203 | 18.3 | 0.0 | 38.4 |

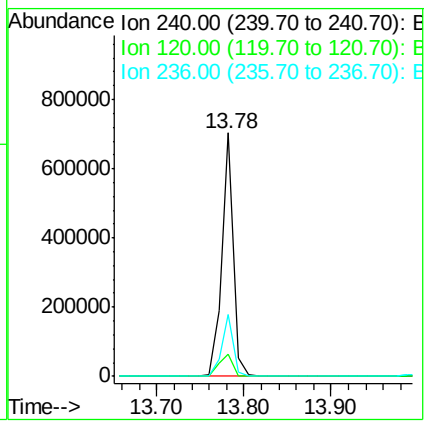





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:240 Resp: 657356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 5.4 | 8.2# |
| 236 | 25.6 | 20.6 | 31.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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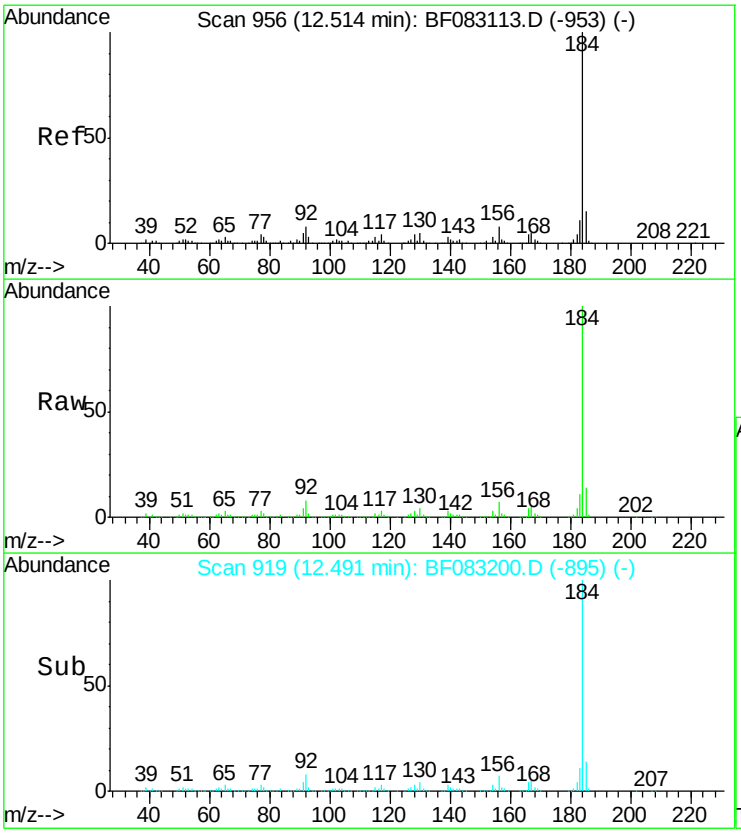
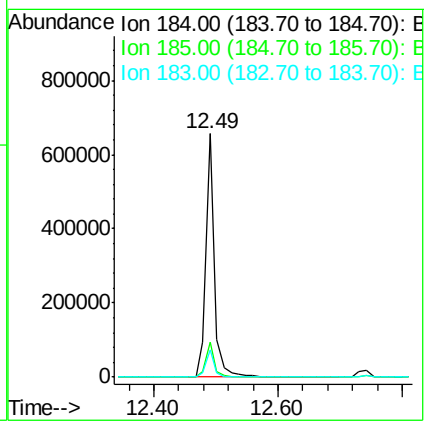
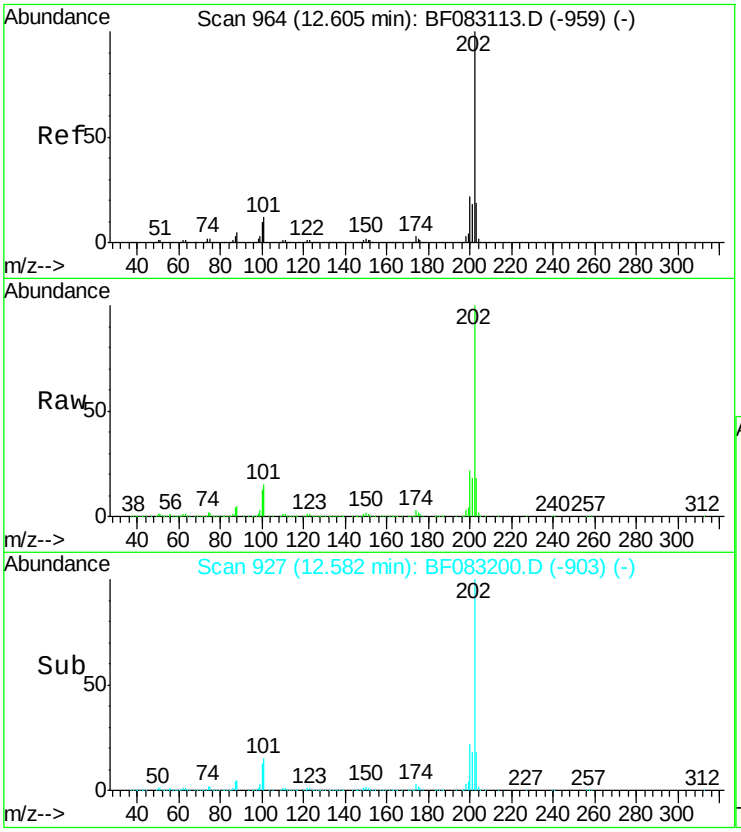



#76
Benzidine
Concen: 36.79 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:184 Resp: 633923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 11.7 | 17.5 |
| 183 | 11.0 | 8.8 | 13.2 |

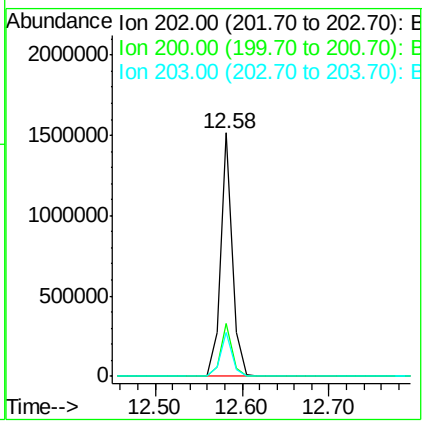





#77
Pyrene
Concen: 31.82 ng
RT: 12.58 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:202 Resp: 1428877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.8 | 26.6 |
| 203 | 18.3 | 15.0 | 22.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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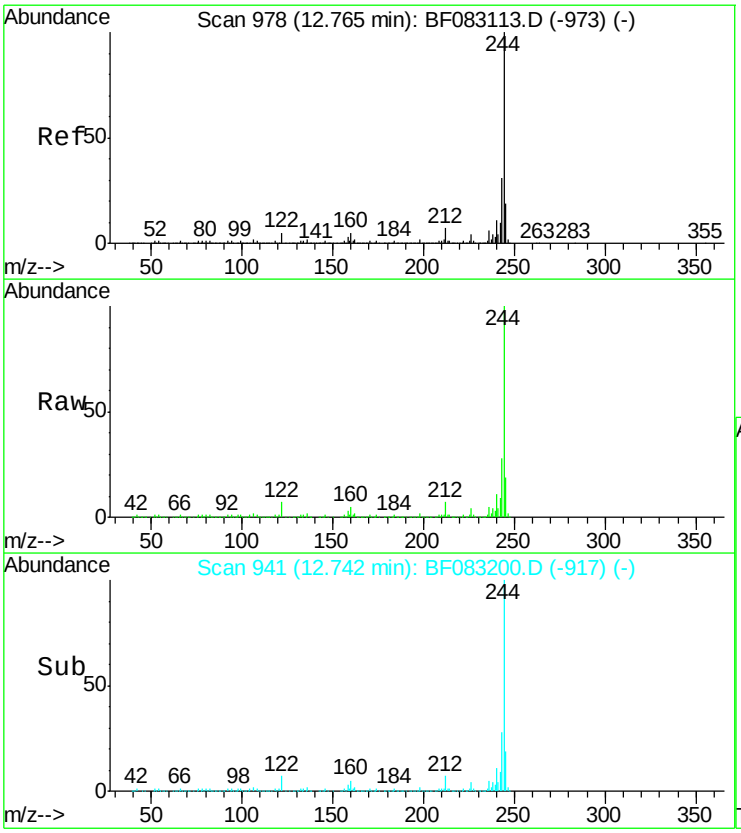
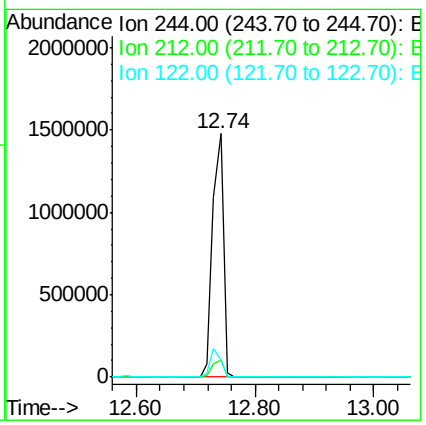
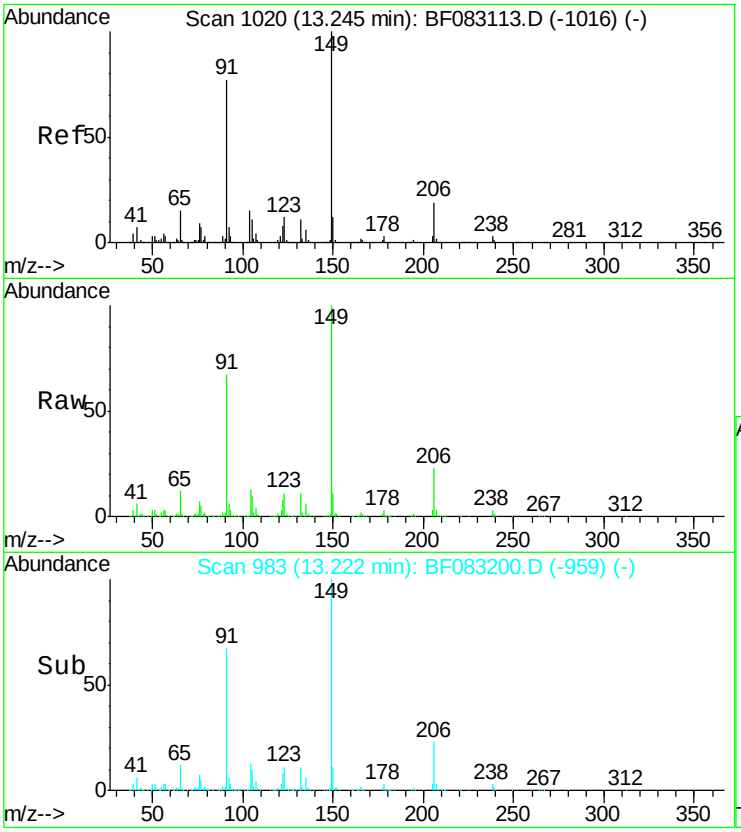



#78
Terphenyl-d14
Concen: 66.12 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:244 Resp: 1845734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.4 | 8.2 |
| 122 | 7.2 | 4.3 | 6.5# |

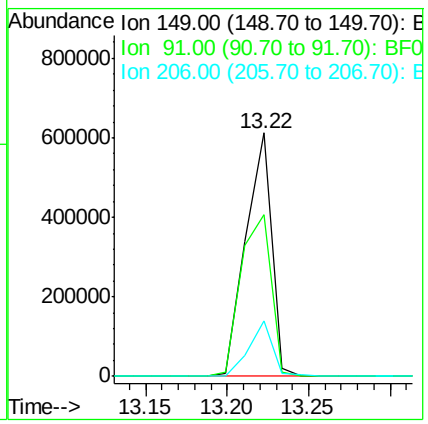





#79
Butylbenzylphthalate
Concen: 31.65 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:149 Resp: 672660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.6 | 61.5 | 92.3 |
| 206 | 22.7 | 15.3 | 22.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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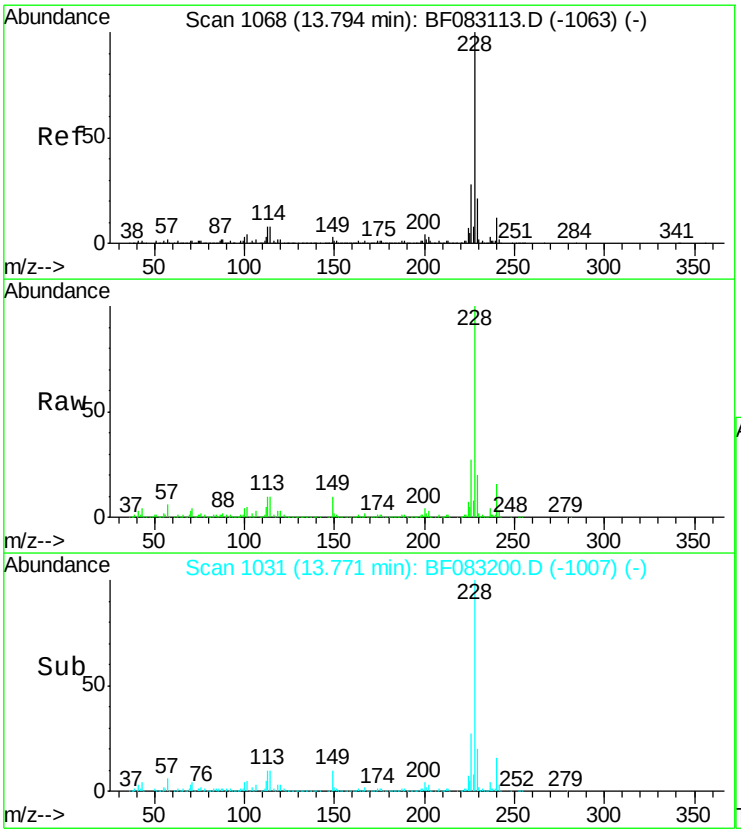
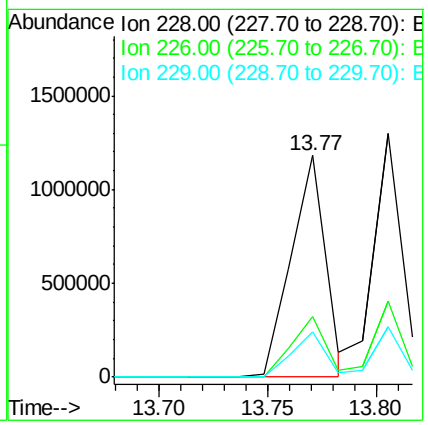
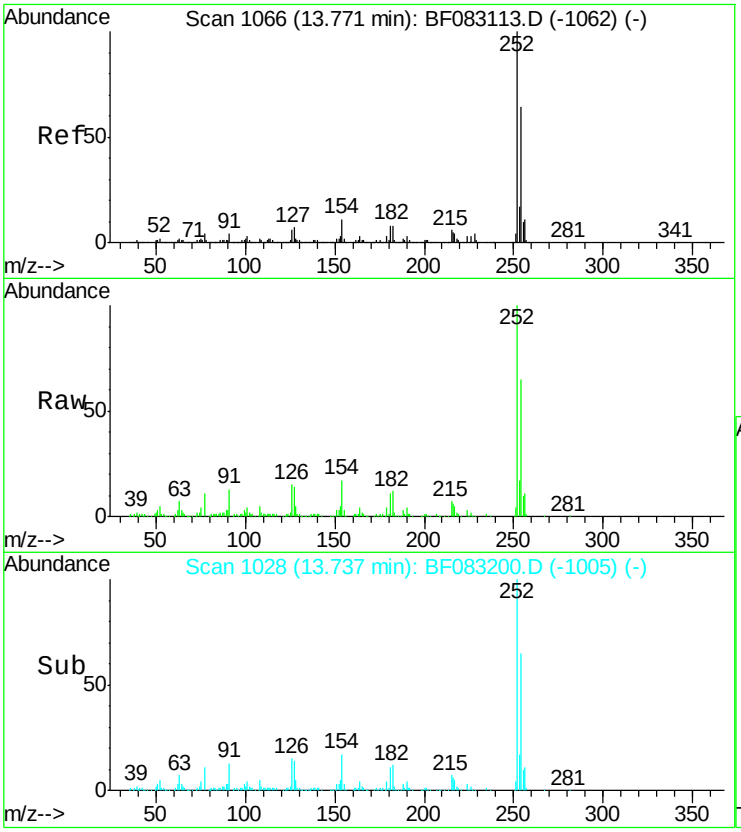



#80
Benzo(a)anthracene
Concen: 32.14 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:228 Resp: 1306612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.6 | 33.8 |
| 229 | 20.5 | 16.6 | 24.8 |

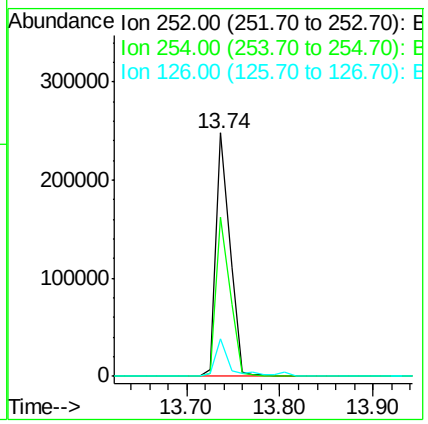





#81
3,3'-Dichlorobenzidine
Concen: 18.23 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:252 Resp: 257988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 51.5 | 77.3 |
| 126 | 15.2 | 5.2 | 7.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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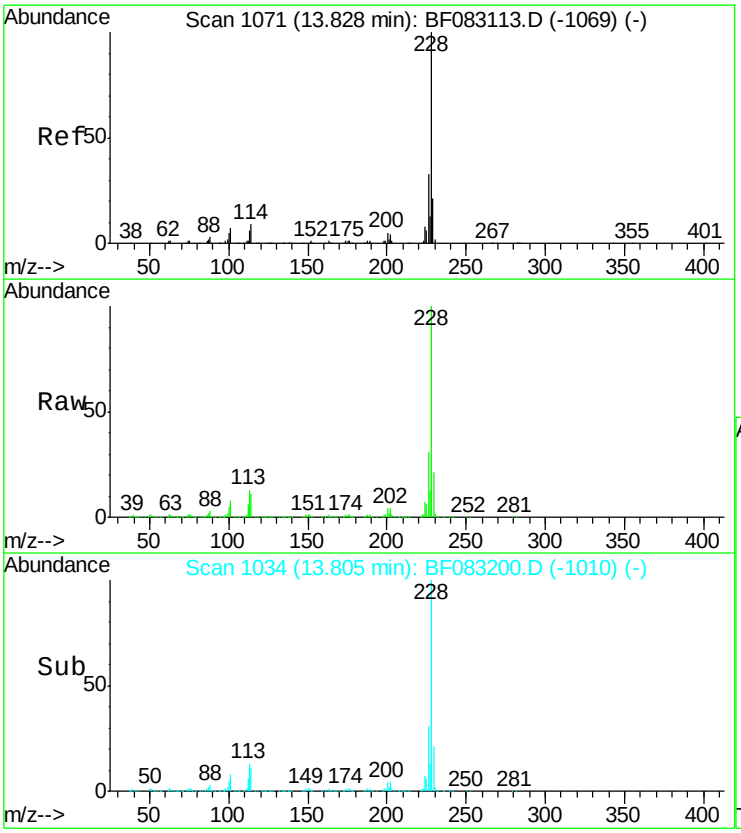
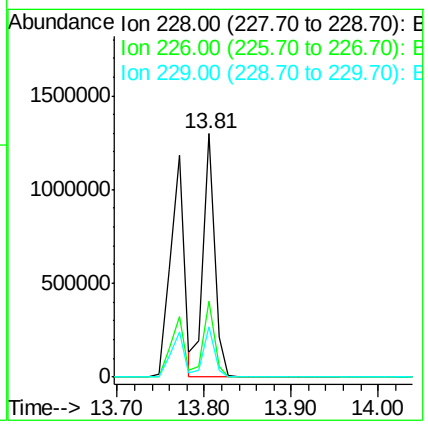
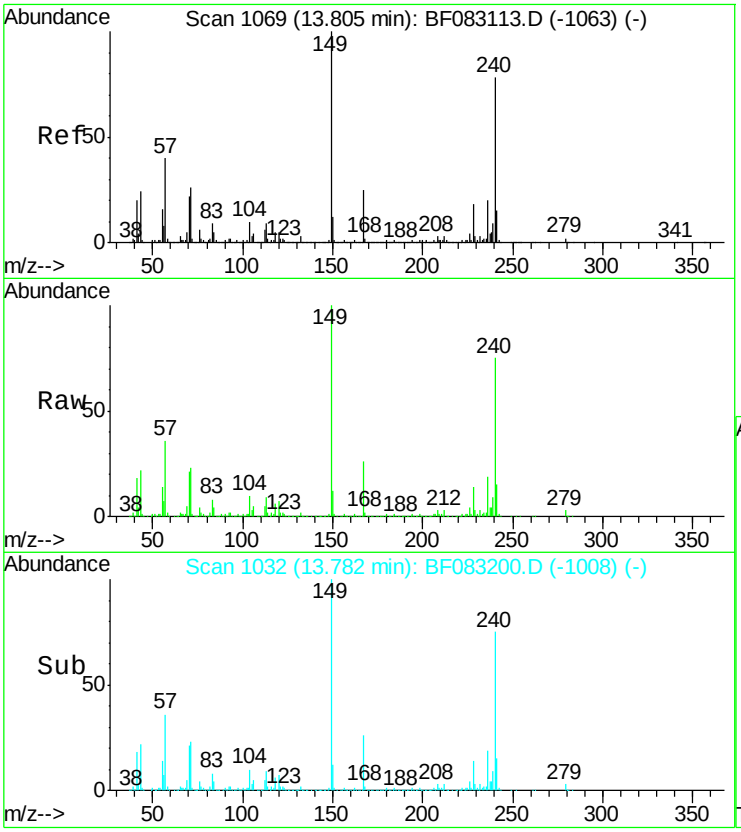



#82
Chrysene
Concen: 31.37 ng
RT: 13.81 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:228 Resp: 1182714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.4 | 25.5 | 38.3 |
| 229 | 20.7 | 16.6 | 25.0 |

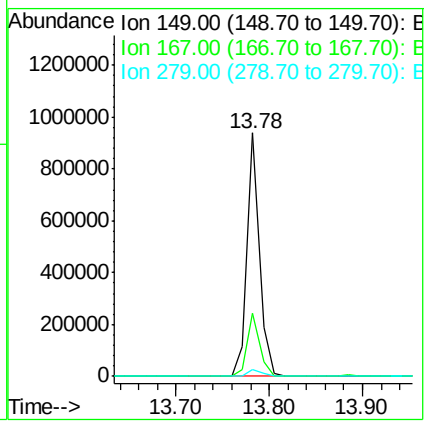





#83
Bis(2-ethylhexyl)phthalate
Concen: 31.23 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:149 Resp: 866876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.7 | 20.1 | 30.1 |
| 279 | 2.6 | 1.7 | 2.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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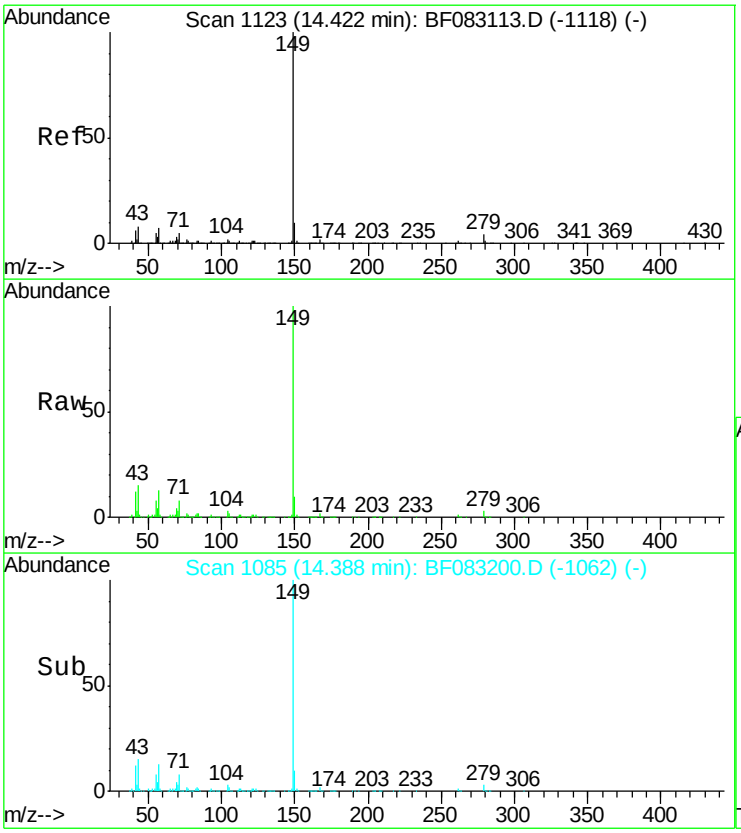
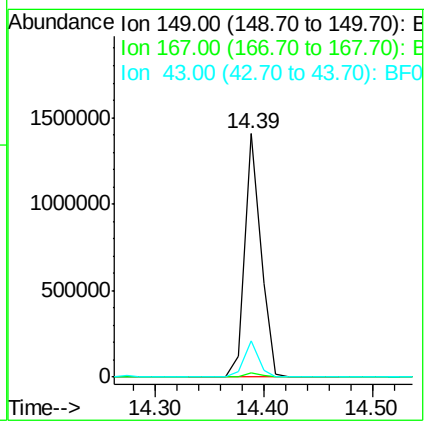
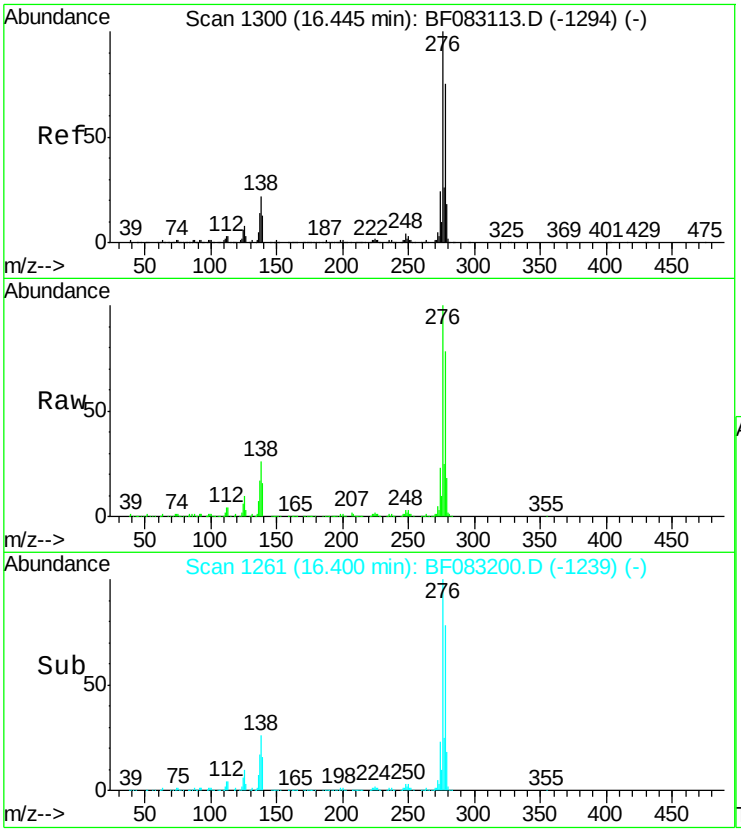



#84
Di-n-octyl phthalate
Concen: 30.05 ng
RT: 14.39 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:149 Resp: 1436044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 13.2 | 9.5 | 14.3 |

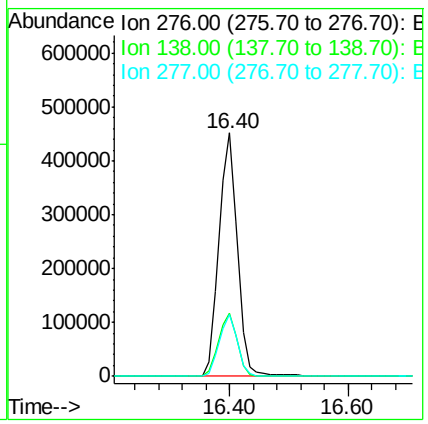





#85
Indeno(1,2,3-cd)pyrene
Concen: 28.50 ng
RT: 16.40 min Scan# 1261
Delta R.T. -0.05 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:276 Resp: 977387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.5 | 18.0 | 27.0 |
| 277 | 25.3 | 20.2 | 30.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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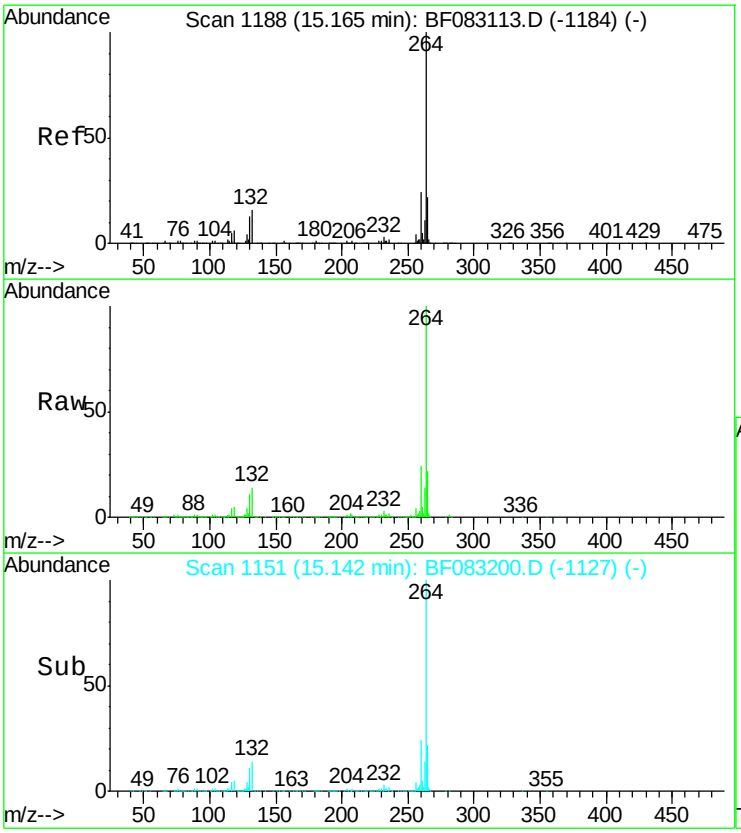
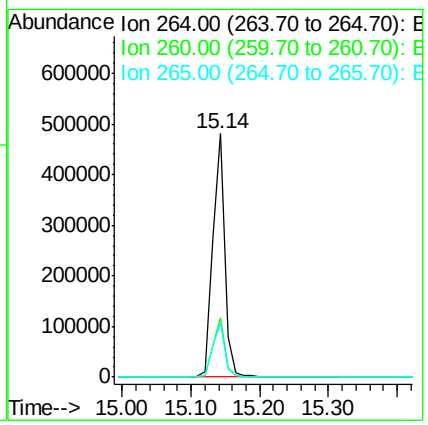
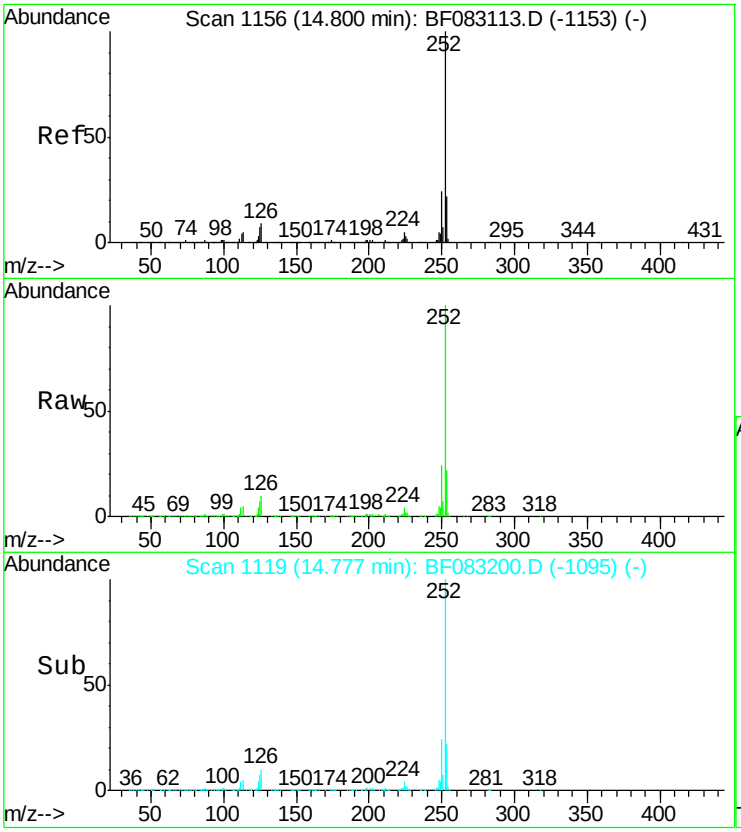



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:264 Resp: 591797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.1 | 28.7 |
| 265 | 22.0 | 18.2 | 27.4 |

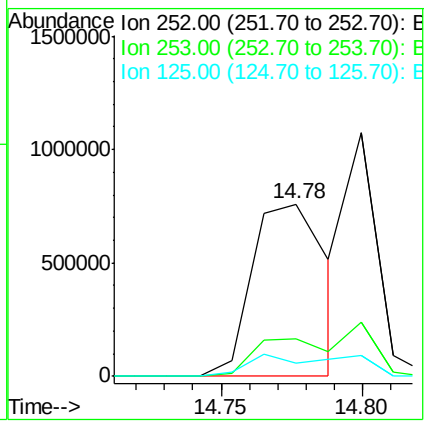





#87
Benzo(b)fluoranthene
Concen: 34.92 ng m
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:252 Resp: 1411899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.7 | 26.5 |
| 125 | 7.3 | 5.6 | 8.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

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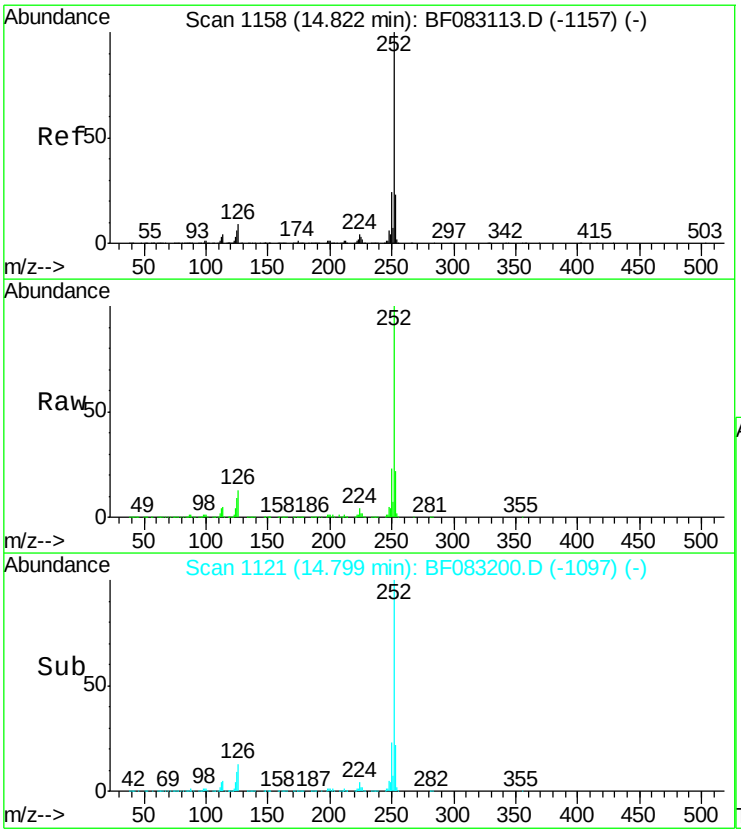
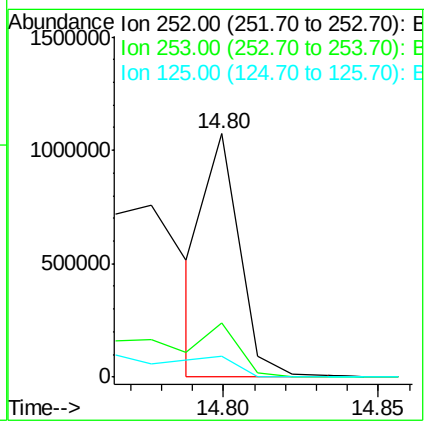
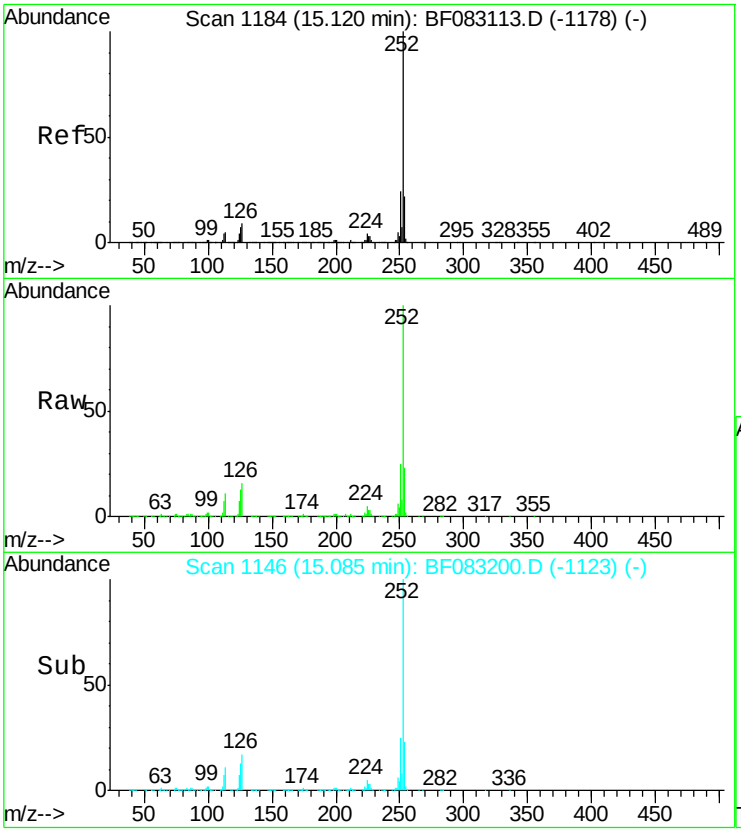



#88
Benzo(k)fluoranthene
Concen: 27.03 ng m
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:252 Resp: 814427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.2 | 27.2 |
| 125 | 8.7 | 6.8 | 10.2 |

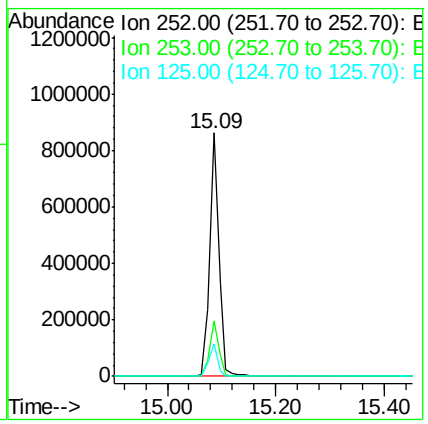





#89
Benzo(a)pyrene
Concen: 30.63 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:252 Resp: 1022502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.5 | 26.3 |
| 125 | 13.2 | 5.4 | 8.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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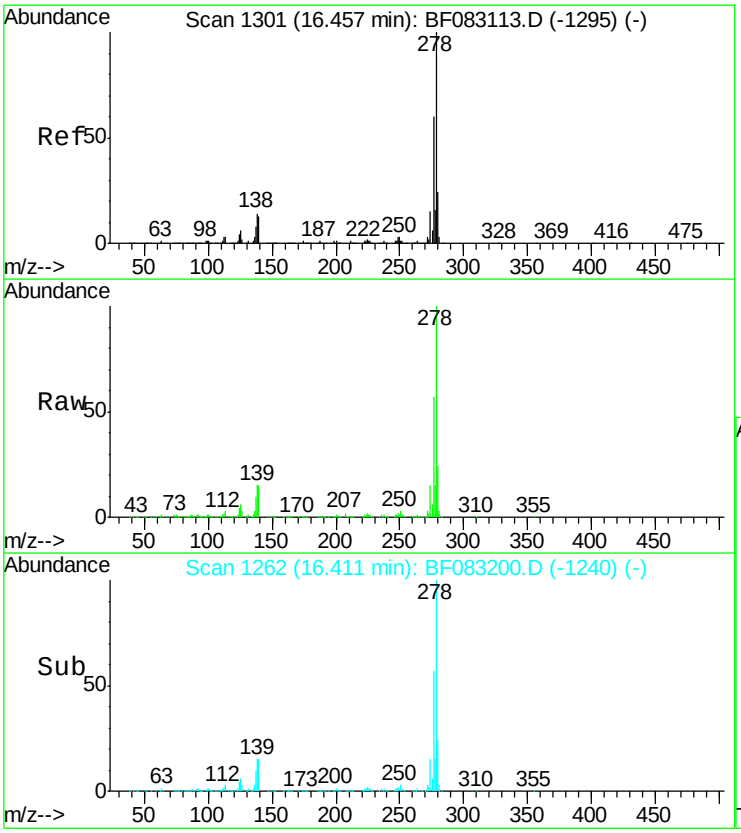
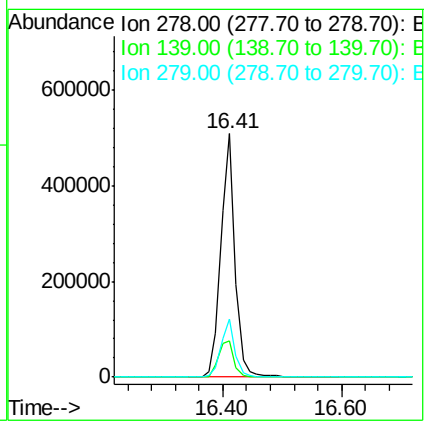
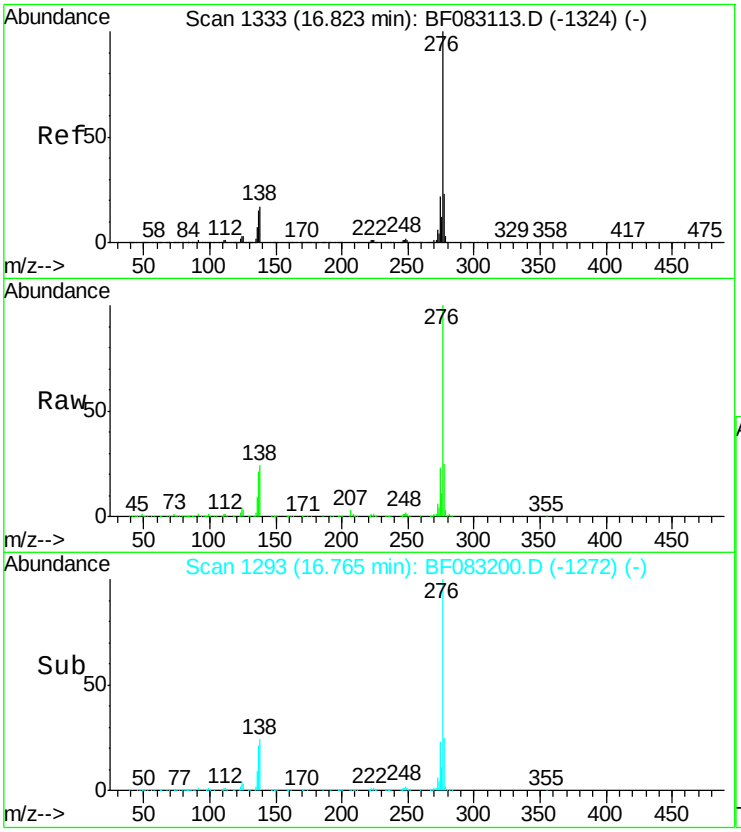



#90
Dibenzo(a,h)anthracene
Concen: 27.90 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:278 Resp: 846143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 10.7 | 16.1 |
| 279 | 24.0 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 27.02 ng
RT: 16.77 min Scan# 1293
Delta R.T. -0.06 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:276 Resp: 799939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 18.7 | 28.1 |
| 138 | 24.2 | 13.9 | 20.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
PB86810BS

**Manual Integrations APPROVED**
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