Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083819.D
Acq On : 15 Dec 2015 15:35
Operator : UM/IZ
Sample : G4739-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K206-0-2MS

Quant Time: Dec 16 10:44:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 99760 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.19 | 136 | 399296 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.94 | 164 | 166325 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.43 | 188 | 254321 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.08 | 240 | 193000 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.52 | 264 | 170240 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 724880 | 117.22 | ng | | -0.01 |
| 7) Phenol-d6 | 6.54 | 99 | 978472 | 124.95 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 640361 | 89.72 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 209608 | 123.68 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 878797 | 74.63 | ng | | -0.02 |
| 78) Terphenyl-d14 | 13.01 | 244 | 643492 | 71.72 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.57 | 88 | 91371 | 30.56 | ng | # | 81 |
| 3) Pyridine | 3.31 | 79 | 260750 | 34.66 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 3.24 | 42 | 115990 | 40.75 | ng | # | 64 |
| 6) Aniline | 6.61 | 93 | 152520m | 14.34 | ng | | |
| 8) 2-Chlorophenol | 6.69 | 128 | 310906 | 42.79 | ng | # | 81 |
| 9) Benzaldehyde | 6.44 | 77 | 156563 | 37.23 | ng | | 94 |
| 10) Phenol | 6.56 | 94 | 406636 | 45.11 | ng | # | 74 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 267892m | 41.04 | ng | | |
| 12) 1,3-Dichlorobenzene | 6.84 | 146 | 292229 | 37.89 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 320755 | 41.16 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.08 | 146 | 272854 | 38.96 | ng | | 94 |
| 15) Benzyl Alcohol | 7.05 | 79 | 284879 | 49.52 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45 | 290480 | 34.27 | ng | | 71 |
| 17) 2-Methylphenol | 7.16 | 107 | 239625 | 41.01 | ng | # | 85 |
| 18) Hexachloroethane | 7.42 | 117 | 108560 | 39.23 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 189902 | 39.60 | ng | | 89 |
| 20) 3+4-Methylphenols | 7.31 | 107 | 278292 | 40.35 | ng | # | 62 |
| 22) Acetophenone | 7.31 | 105 | 381136 | 38.91 | ng | # | 96 |
| 24) Nitrobenzene | 7.48 | 77 | 266379 | 35.86 | ng | | 92 |
| 25) Isophorone | 7.73 | 82 | 532981 | 38.06 | ng | # | 87 |
| 26) 2-Nitrophenol | 7.80 | 139 | 147767 | 41.41 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 7.85 | 122 | 285733 | 40.75 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93 | 349874 | 43.79 | ng | # | 98 |
| 29) 2,4-Dichlorophenol | 8.04 | 162 | 231787 | 40.27 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 244311 | 40.93 | ng | | 97 |
| 31) Naphthalene | 8.21 | 128 | 1013180 | 48.68 | ng | | 98 |
| 32) Benzoic acid | 7.90 | 122 | 21042 | 4.82 | ng | | 92 |
| 33) 4-Chloroaniline | 8.26 | 127 | 93783 | 11.03 | ng | # | 87 |
| 34) Hexachlorobutadiene | 8.34 | 225 | 131137 | 40.03 | ng | | 97 |
| 35) Caprolactam | 8.62 | 113 | 79743 | 43.14 | ng | # | 59 |
| 36) 4-Chloro-3-methylphenol | 8.74 | 107 | 247575 | 36.77 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 614770 | 47.05 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 224409 | 45.74 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 36548 | 14.70 | ng | | 98 |

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Sample : G4739-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K206-0-2MS

Quant Time: Dec 16 10:44:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.18 | 196 | 159075 | 44.29 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.22 | 196 | 149579m | 43.91 | ng | | |
| 45) 1,1'-Biphenyl | 9.37 | 154 | 638217 | 43.30 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.39 | 162 | 453076 | 41.64 | ng | # | 93 |
| 47) 2-Nitroaniline | 9.48 | 65 | 134385 | 43.55 | ng | # | 75 |
| 48) Acenaphthylene | 9.81 | 152 | 1414824 | 77.28 | ng | | 98 |
| 49) Dimethylphthalate | 9.66 | 163 | 779464 | 60.11 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 114201 | 41.50 | ng | | 97 |
| 51) Acenaphthene | 9.97 | 154 | 440028 | 39.76 | ng | | 99 |
| 52) 3-Nitroaniline | 9.89 | 138 | 67596 | 21.30 | ng | # | 62 |
| 53) 2,4-Dinitrophenol | 10.00 | 184 | 34028 | 33.33 | ng | # | 80 |
| 54) Dibenzofuran | 10.14 | 168 | 635456 | 43.33 | ng | # | 89 |
| 55) 4-Nitrophenol | 10.05 | 139 | 168784 | 71.84 | ng | | 86 |
| 56) 2,4-Dinitrotoluene | 10.13 | 165 | 161145 | 44.82 | ng | # | 54 |
| 57) Fluorene | 10.49 | 166 | 458547m | 39.71 | ng | | |
| 58) 2,3,4,6-Tetrachlorophenol | 10.27 | 232 | 118509 | 46.38 | ng | # | 100 |
| 59) Diethylphthalate | 10.36 | 149 | 520694 | 39.66 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204 | 213609 | 40.57 | ng | | 97 |
| 61) 4-Nitroaniline | 10.50 | 138 | 82603 | 29.54 | ng | | 95 |
| 62) Azobenzene | 10.64 | 77 | 458476 | 38.31 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198 | 36607 | 25.30 | ng | | 87 |
| 65) n-Nitrosodiphenylamine | 10.60 | 169 | 450083 | 51.75 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.97 | 248 | 121659 | 42.78 | ng | # | 76 |
| 67) Hexachlorobenzene | 11.05 | 284 | 130399 | 42.38 | ng | # | 82 |
| 68) Atrazine | 11.13 | 200 | 112744 | 45.56 | ng | | 95 |
| 69) Pentachlorophenol | 11.24 | 266 | 134744 | 77.64 | ng | | 97 |
| 70) Phenanthrene | 11.46 | 178 | 1630732 | 120.70 | ng | | 97 |
| 71) Anthracene | 11.51 | 178 | 903819 | 64.41 | ng | | 99 |
| 72) Carbazole | 11.65 | 167 | 550499 | 42.11 | ng | # | 96 |
| 73) Di-n-butylphthalate | 12.00 | 149 | 703302 | 44.30 | ng | | 99 |
| 74) Fluoranthene | 12.65 | 202 | 2428478 | 173.96 | ng | | 96 |
| 77) Pyrene | 12.89 | 202 | 2892539 | 189.62 | ng | | 95 |
| 79) Butylbenzylphthalate | 13.48 | 149 | 254559 | 38.88 | ng | # | 91 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 1606203m | 146.36 | ng | | |
| 81) 3,3'-Dichlorobenzidine | 14.03 | 252 | 22995 | 5.81 | ng | # | 96 |
| 82) Chrysene | 14.10 | 228 | 1584215 | 148.00 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149 | 319907 | 42.93 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.66 | 149 | 615131 | 51.95 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.97 | 276 | 834013 | 79.33 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 15.12 | 252 | 1510480m | 139.08 | ng | | |
| 88) Benzo(k)fluoranthene | 15.12 | 252 | 844340m | 85.80 | ng | | |
| 89) Benzo(a)pyrene | 15.46 | 252 | 981666 | 101.29 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.97 | 278 | 415943m | 43.16 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.40 | 276 | 746638 | 75.37 | ng | | 98 |

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

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Operator : UM/IZ
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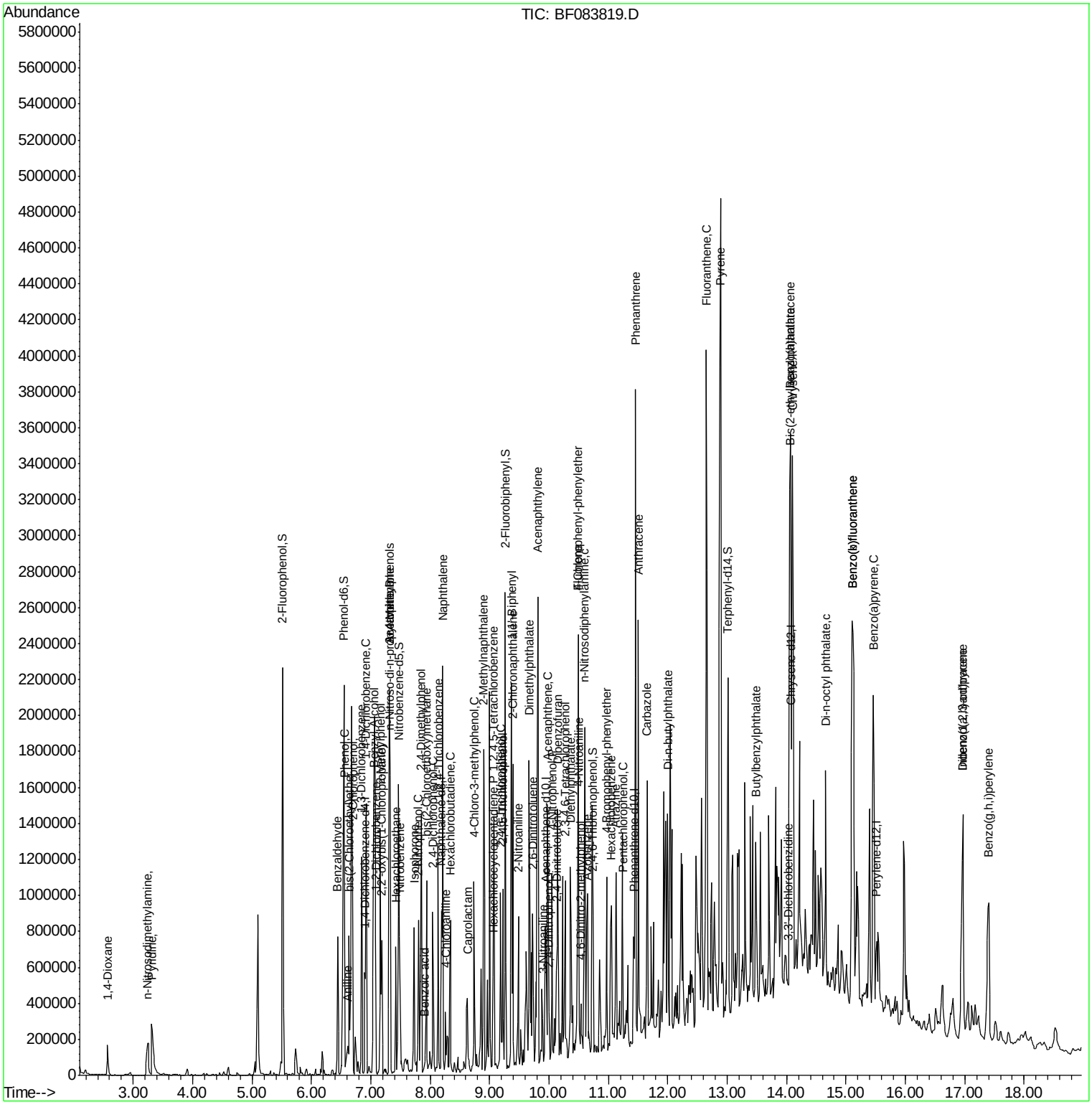
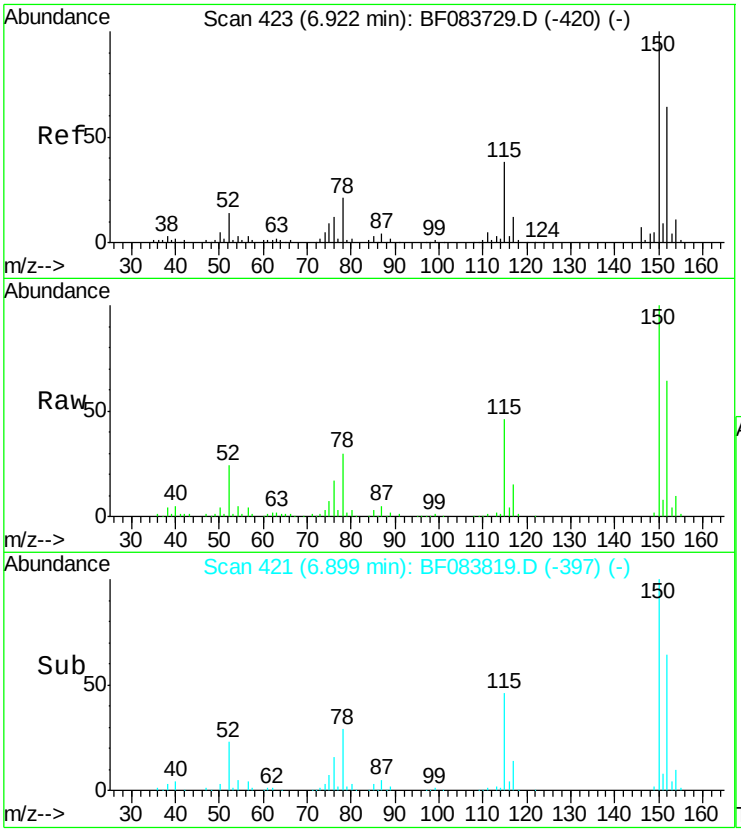
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Quant Time: Dec 16 10:44:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



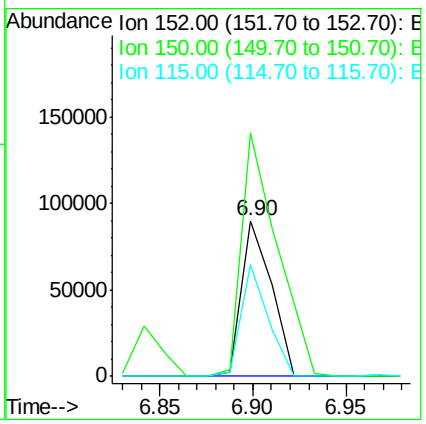


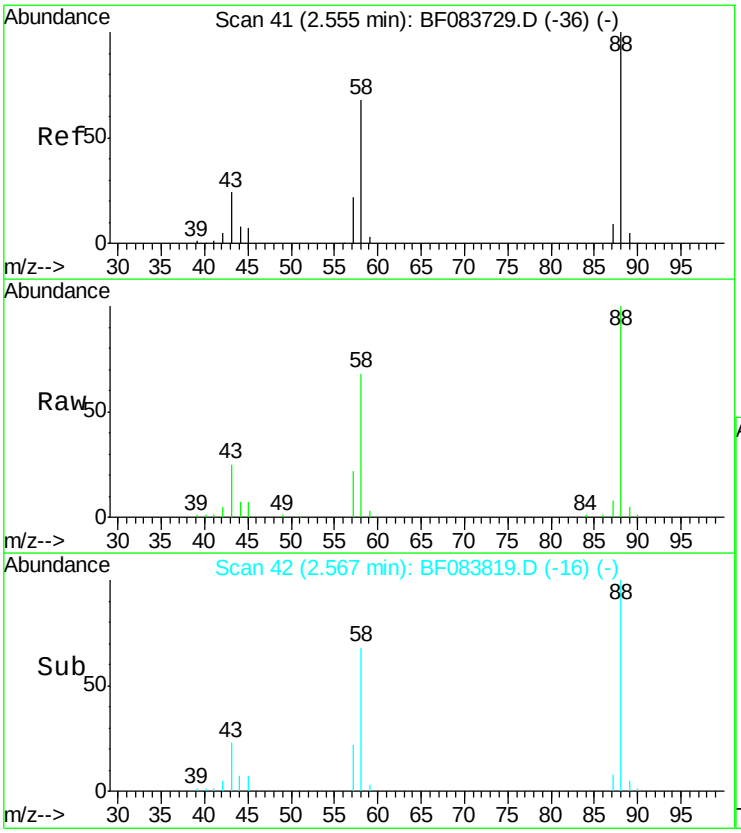

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:152 Resp: 99760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.6 | 126.5 | 189.7 |
| 115 | 71.9 | 52.3 | 78.5 |

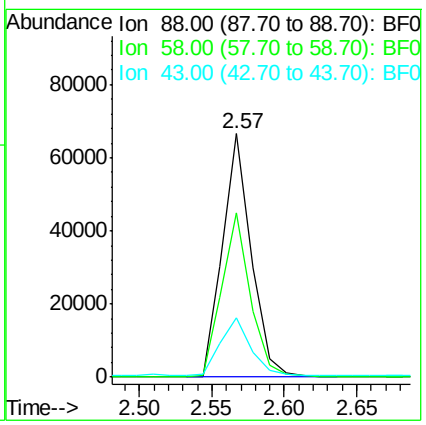


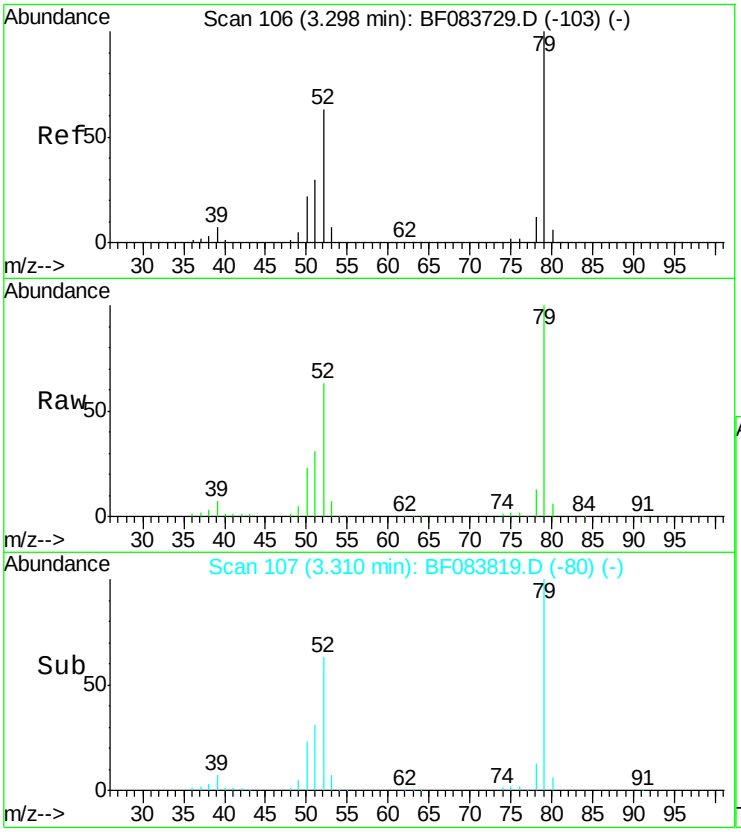




#2
1,4-Dioxane
Concen: 30.56 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 88 Resp: 91371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.4 | 68.0 | 102.0# |
| 43 | 25.1 | 27.9 | 41.9# |



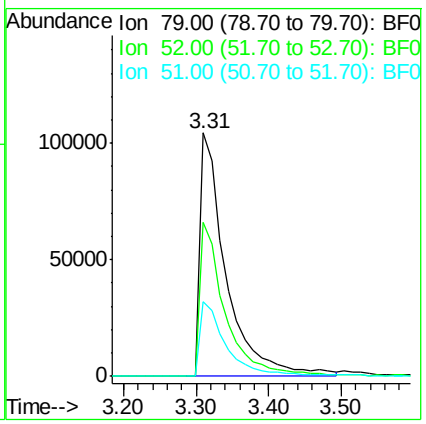


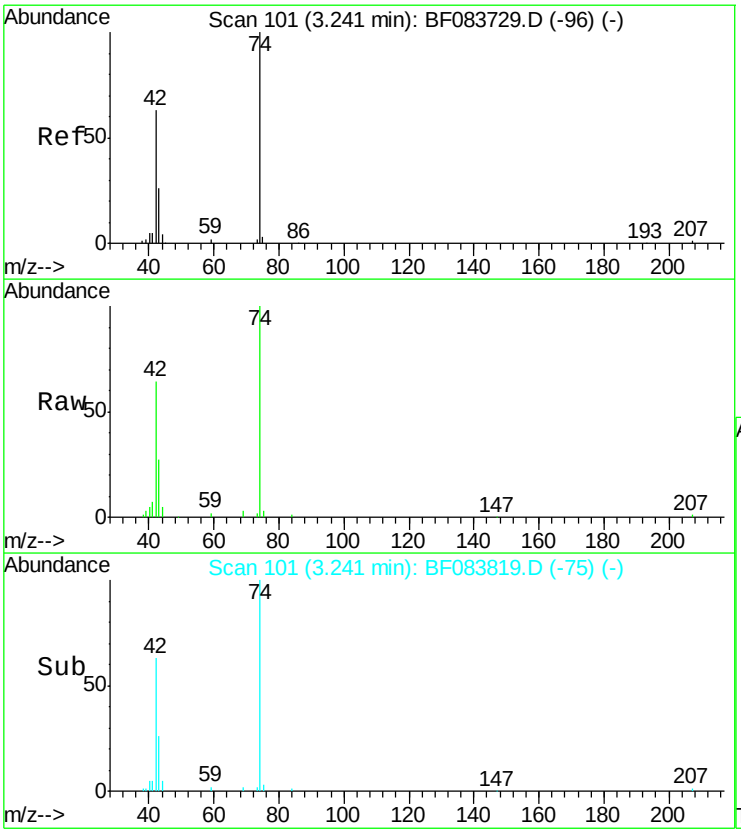

#3
Pyridine
Concen: 34.66 ng
RT: 3.31 min Scan# 107
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 79 Resp: 260750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.1 | 63.7 | 95.5# |
| 51 | 30.7 | 30.6 | 45.8 |

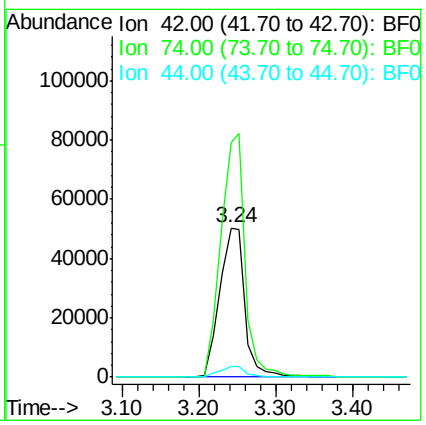


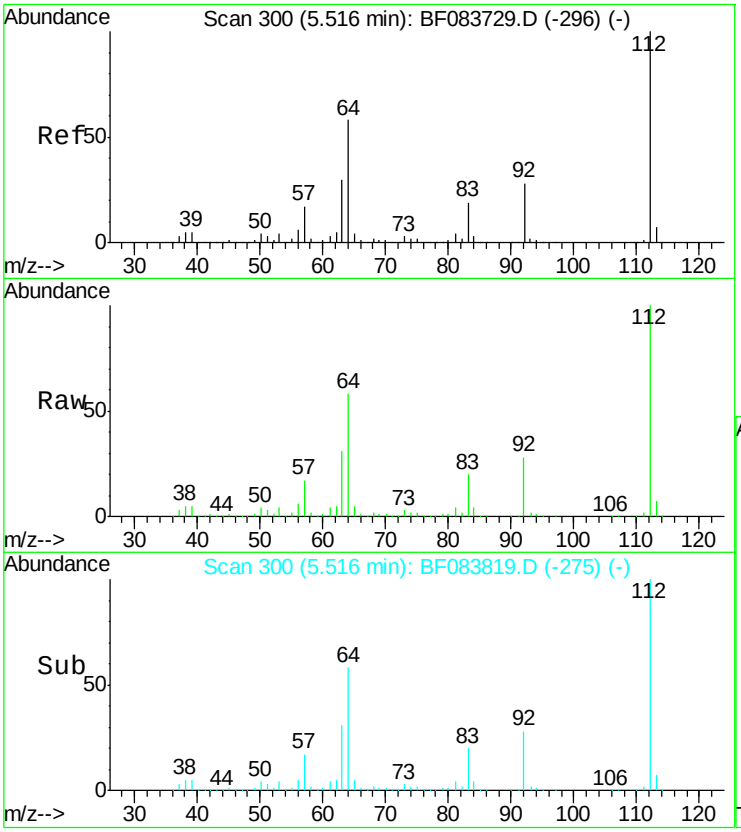




#4
n-Nitrosodimethylamine
Concen: 40.75 ng
RT: 3.24 min Scan# 101
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 42 Resp: 115990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 157.3 | 92.9 | 139.3# |
| 44 | 7.1 | 5.7 | 8.5 |



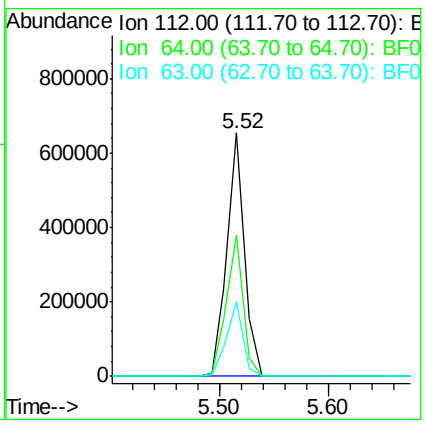


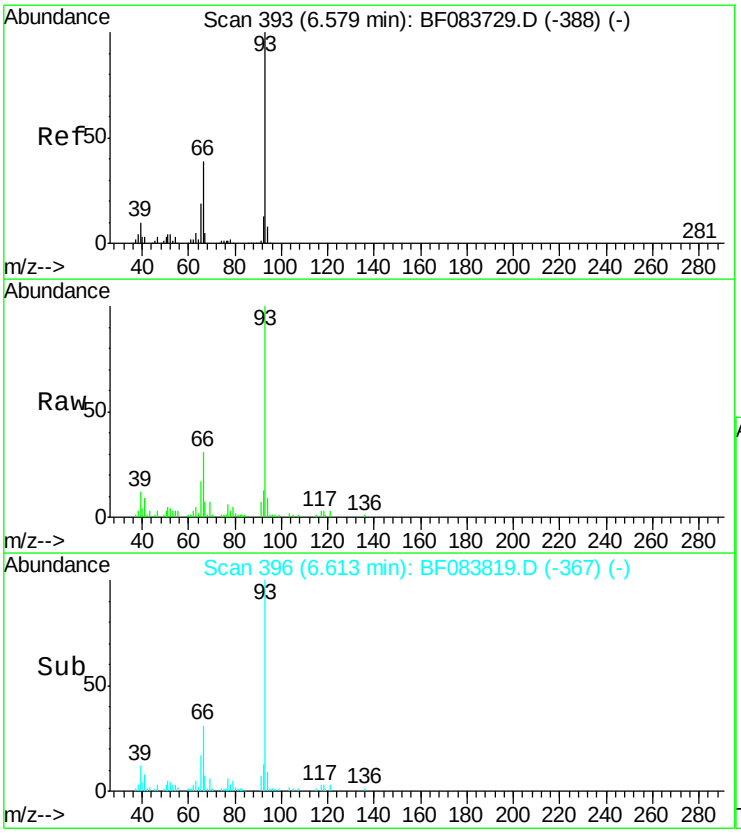

#5
2-Fluorophenol
Concen: 117.22 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:112 Resp: 724880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.9 | 50.5 | 75.7 |
| 63 | 30.7 | 25.8 | 38.6 |

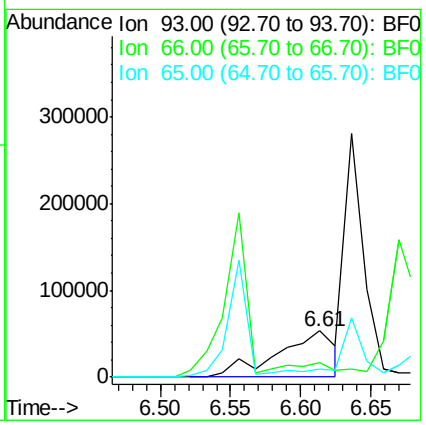


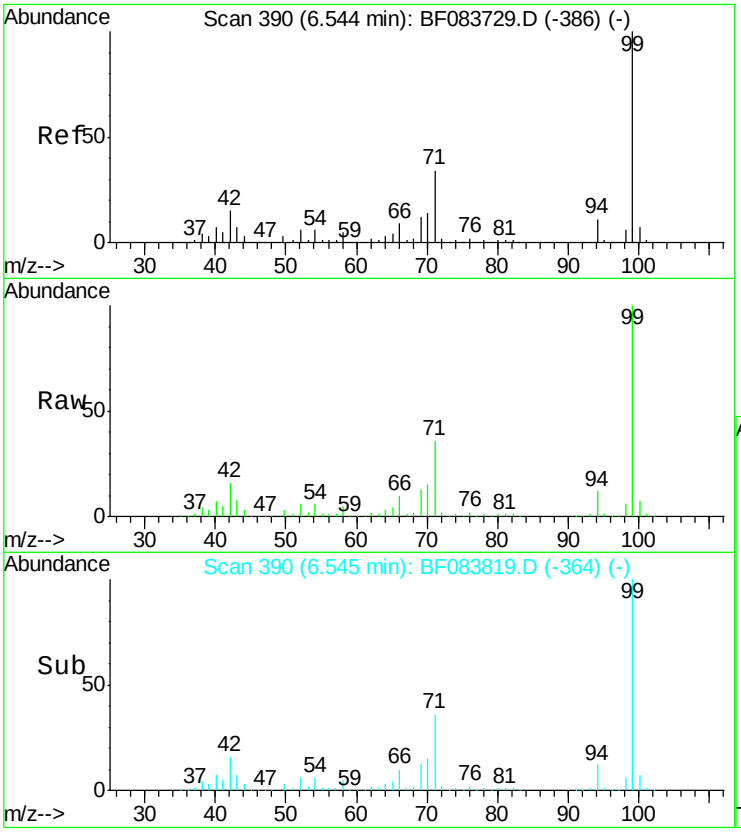




#6
Aniline
Concen: 14.34 ng m
RT: 6.61 min Scan# 396
Delta R.T. 0.03 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 93 Resp: 152520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 30.9 | 41.3 | 61.9# |
| 65 | 16.9 | 20.8 | 31.2# |



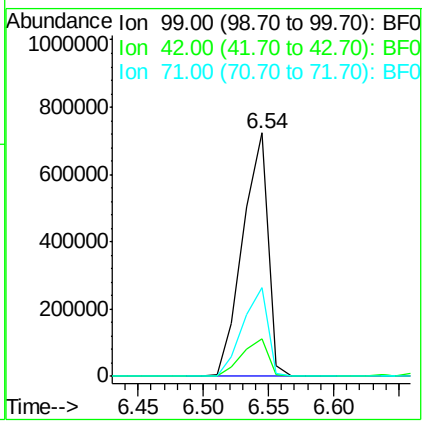


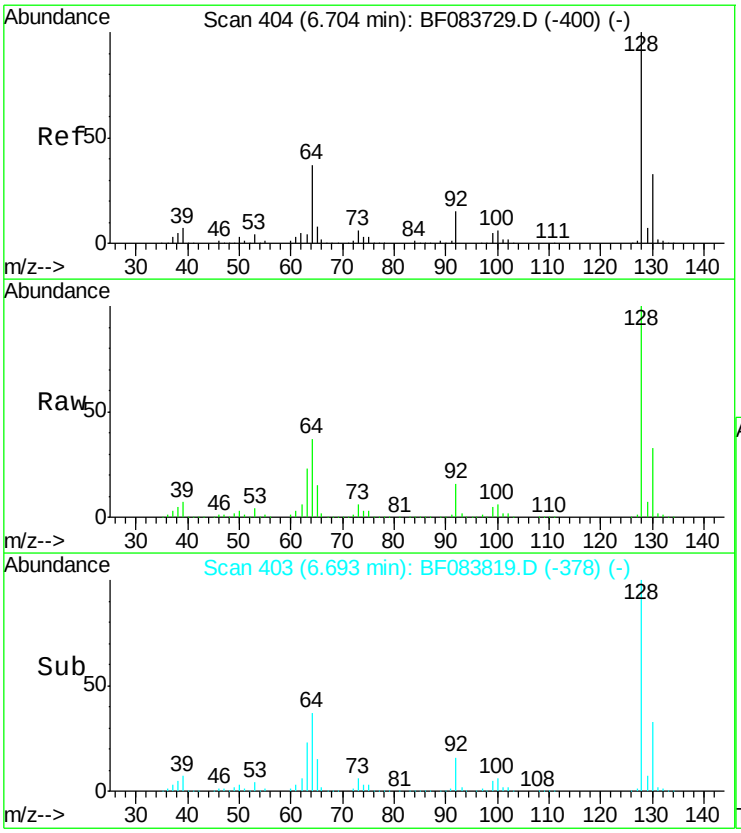

#7
Phenol-d6
Concen: 124.95 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 99 Resp: 978472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 17.3 | 25.9# |
| 71 | 36.2 | 26.6 | 40.0 |

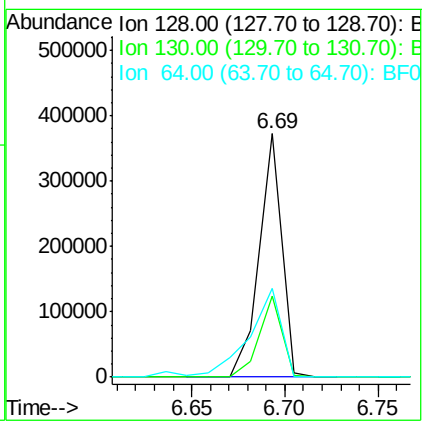


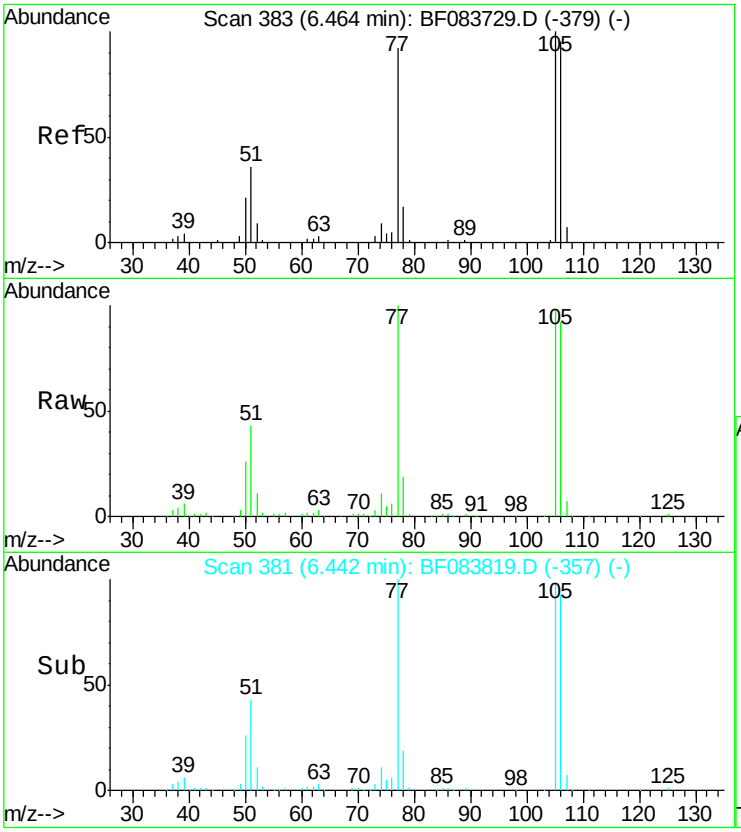




#8
2-Chlorophenol
Concen: 42.79 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:128 Resp: 310906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 12.6 | 52.6 |
| 64 | 36.6 | 38.6 | 78.6# |



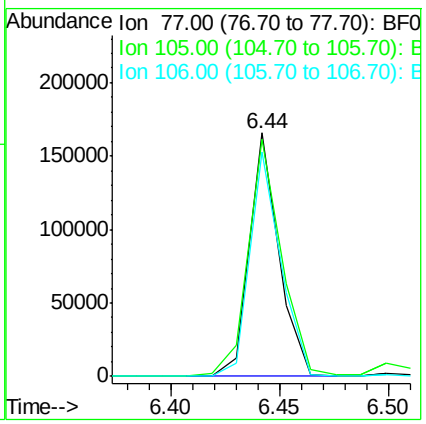


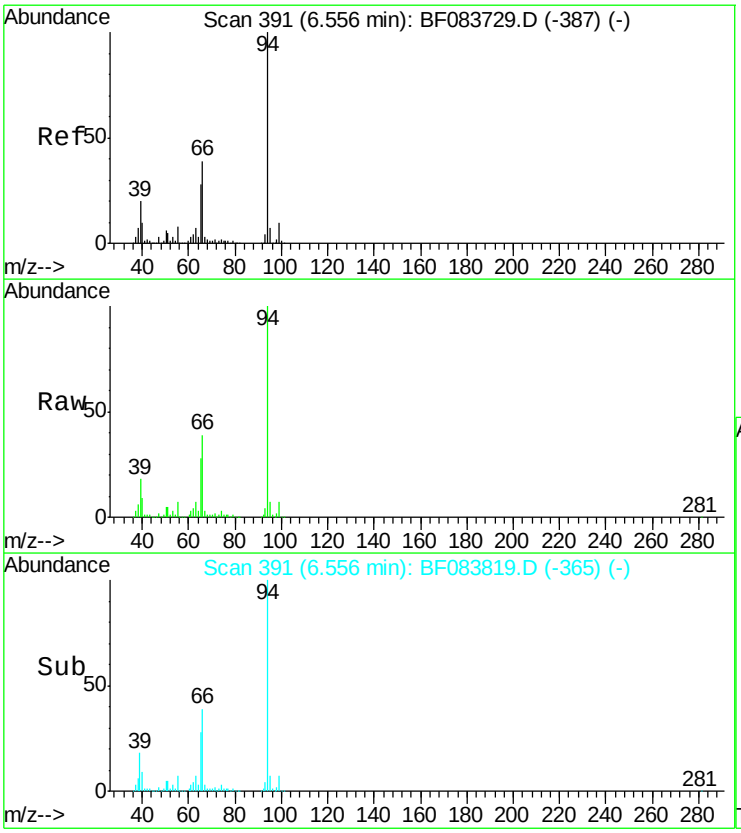

#9
Benzaldehyde
Concen: 37.23 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 77 Resp: 156563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 97.6 | 71.8 | 111.8 |
| 106 | 92.3 | 66.8 | 106.8 |

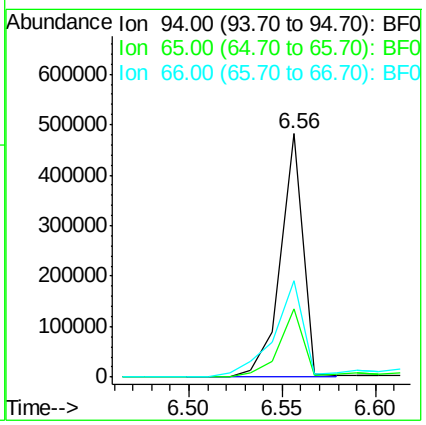


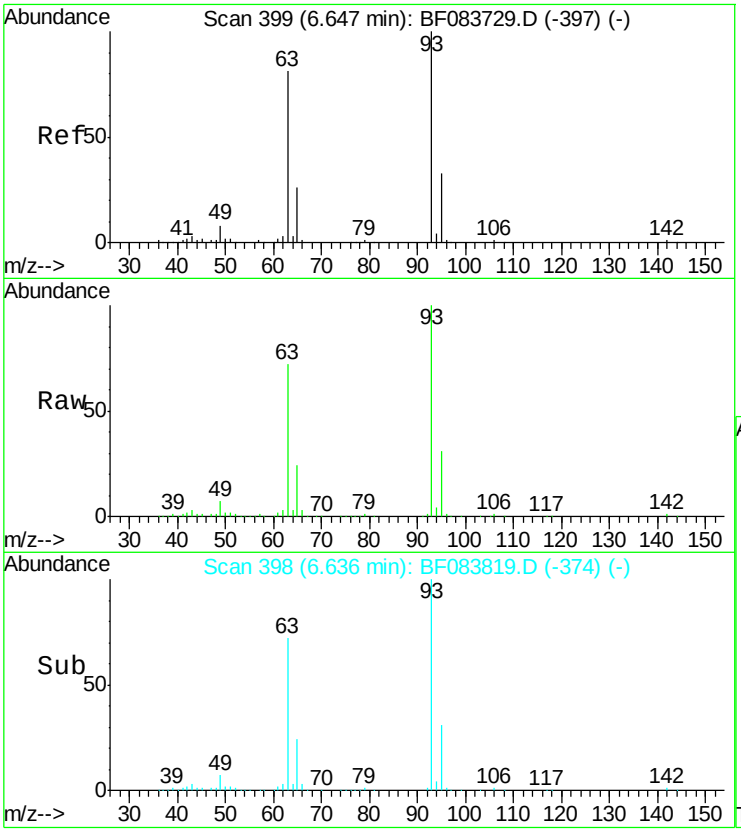




#10
Phenol
Concen: 45.11 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 94 Resp: 406636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.8 | 20.9 | 60.9 |
| 66 | 39.3 | 41.6 | 81.6# |



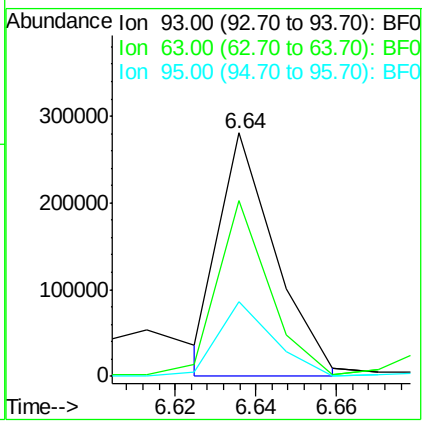


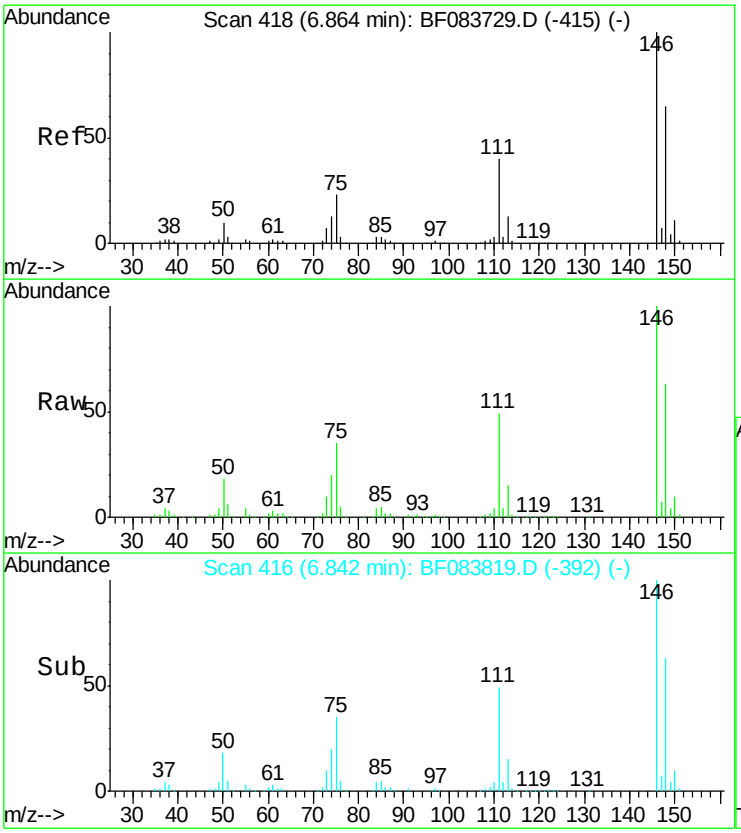

#11
bis(2-Chloroethyl)ether
Concen: 41.04 ng m
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 93 Resp: 267892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 72.1 | 64.7 | 104.7 |
| 95 | 30.8 | 12.7 | 52.7 |

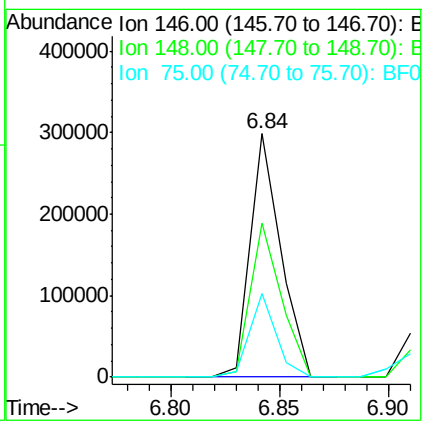


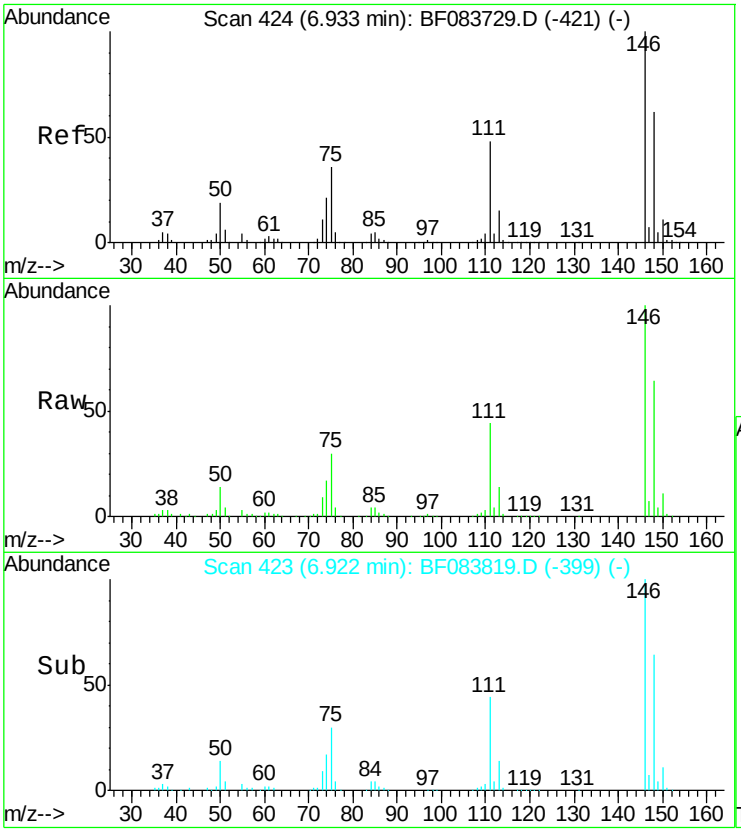




#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:146 Resp: 292229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.3 | 76.9 |
| 75 | 34.5 | 24.1 | 36.1 |



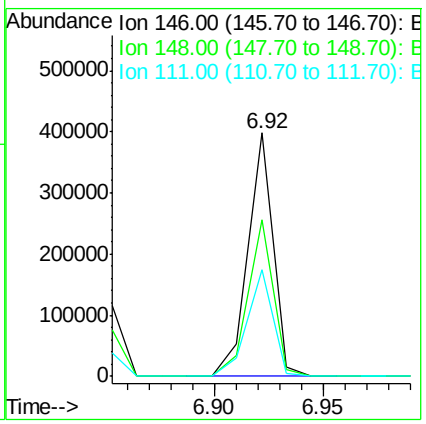


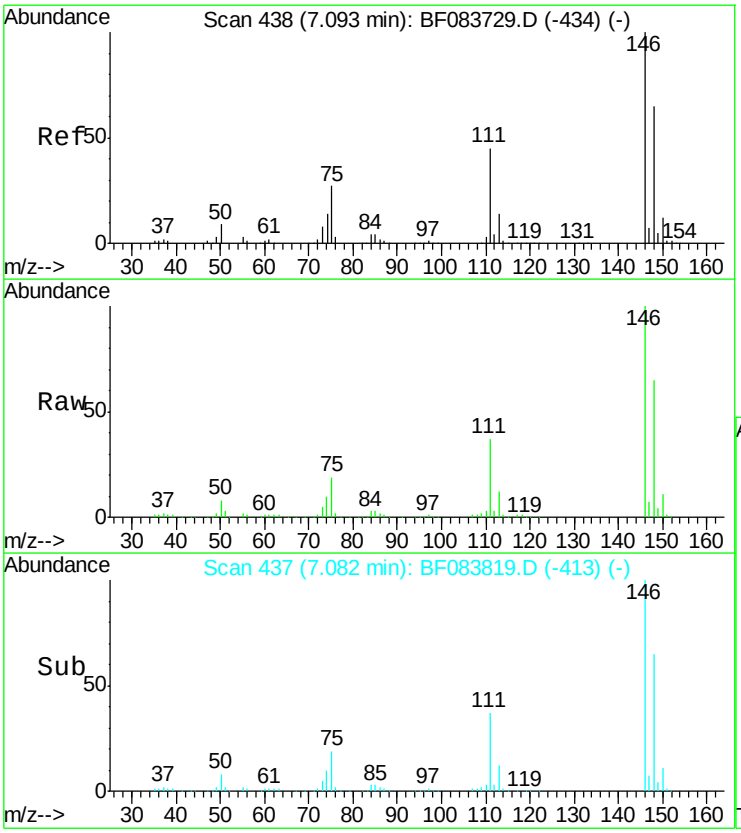

#13
1,4-Dichlorobenzene
Concen: 41.16 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:146 Resp: 320755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.6 | 76.0 |
| 111 | 44.1 | 36.1 | 54.1 |

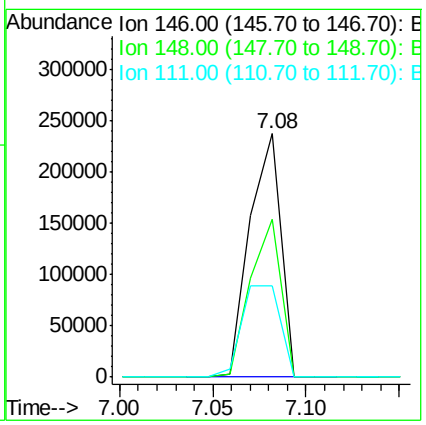


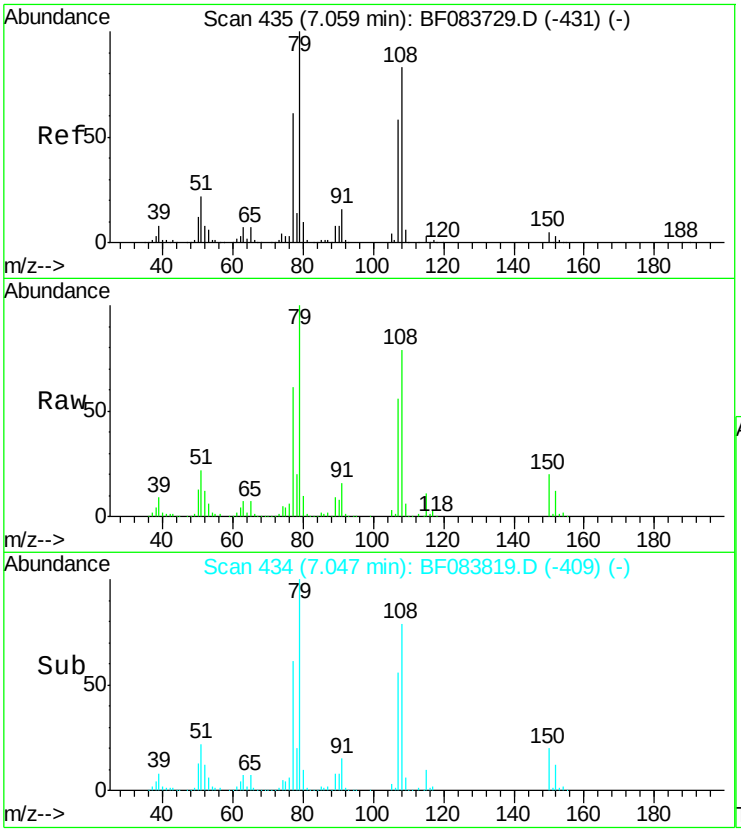




#14
1,2-Dichlorobenzene
Concen: 38.96 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:146 Resp: 272854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.0 |
| 111 | 37.3 | 36.7 | 55.1 |



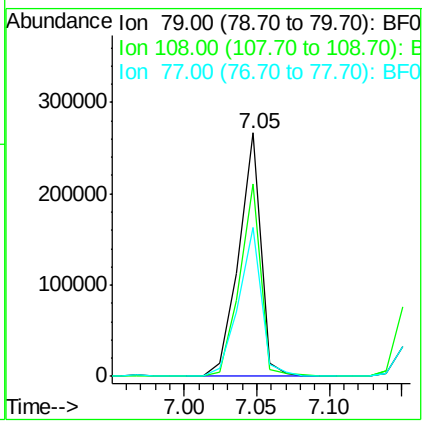


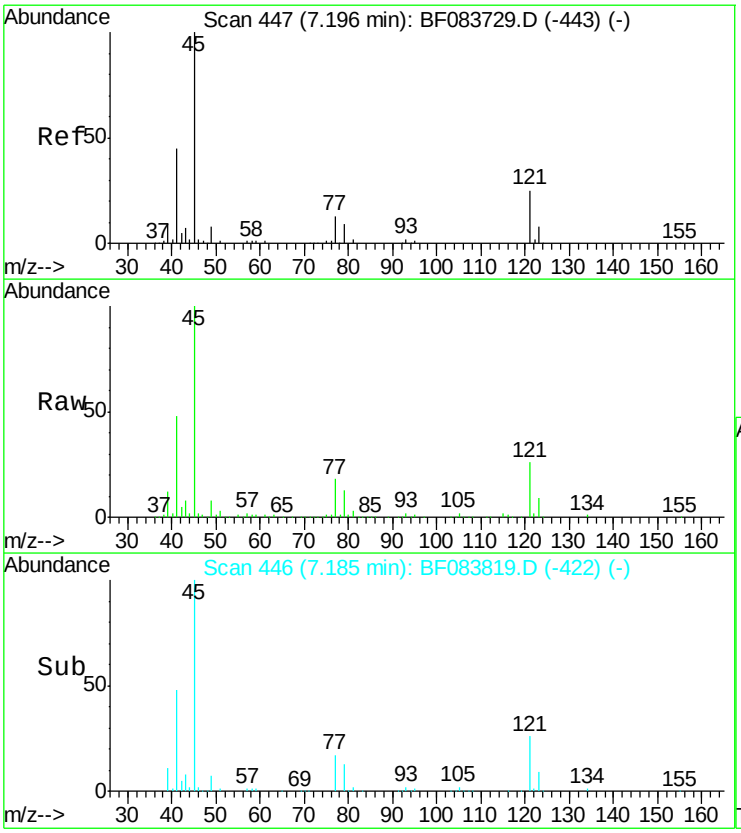

#15
Benzyl Alcohol
Concen: 49.52 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 79 Resp: 284879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.1 | 59.6 | 89.4 |
| 77 | 60.9 | 49.8 | 74.6 |

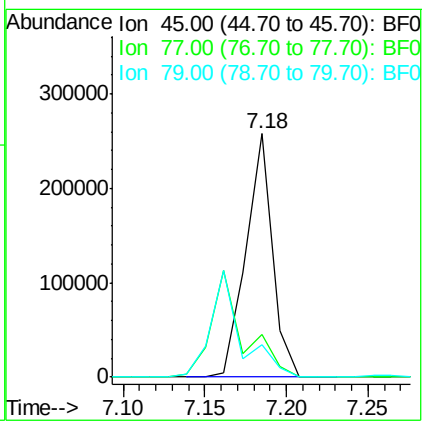


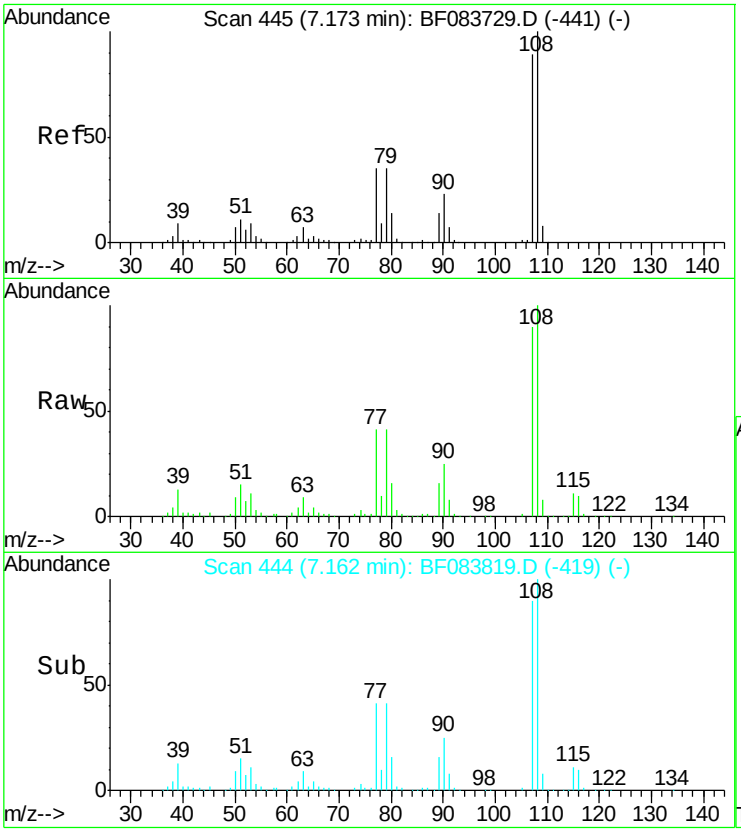




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.27 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 45 Resp: 290480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.6 | 12.8 | 52.8 |
| 79 | 13.5 | 10.7 | 50.7 |



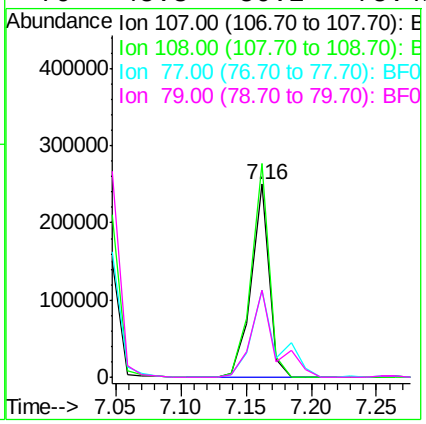


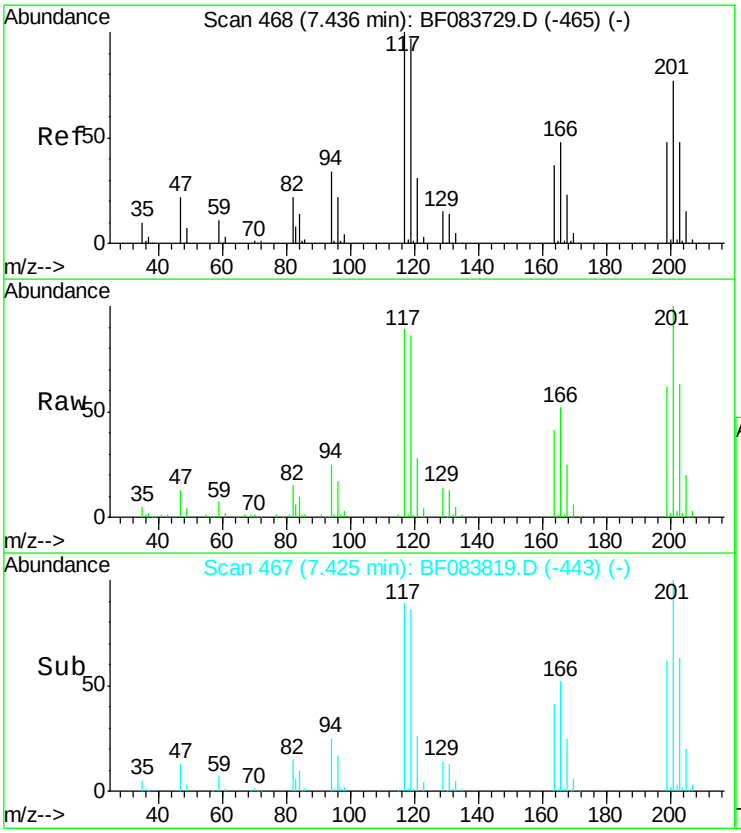

#17
2-Methylphenol
Concen: 41.01 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:107 Resp: 239625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.6 | 91.6 | 137.4 |
| 77 | 45.1 | 53.7 | 80.5# |
| 79 | 45.3 | 50.2 | 75.4# |

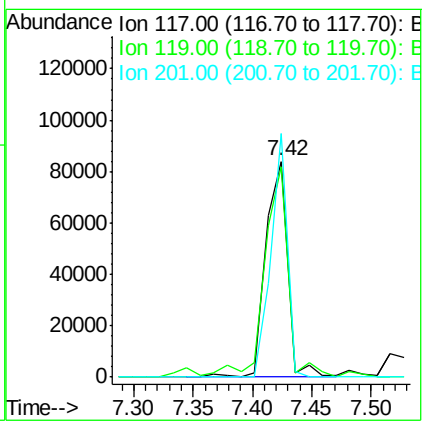


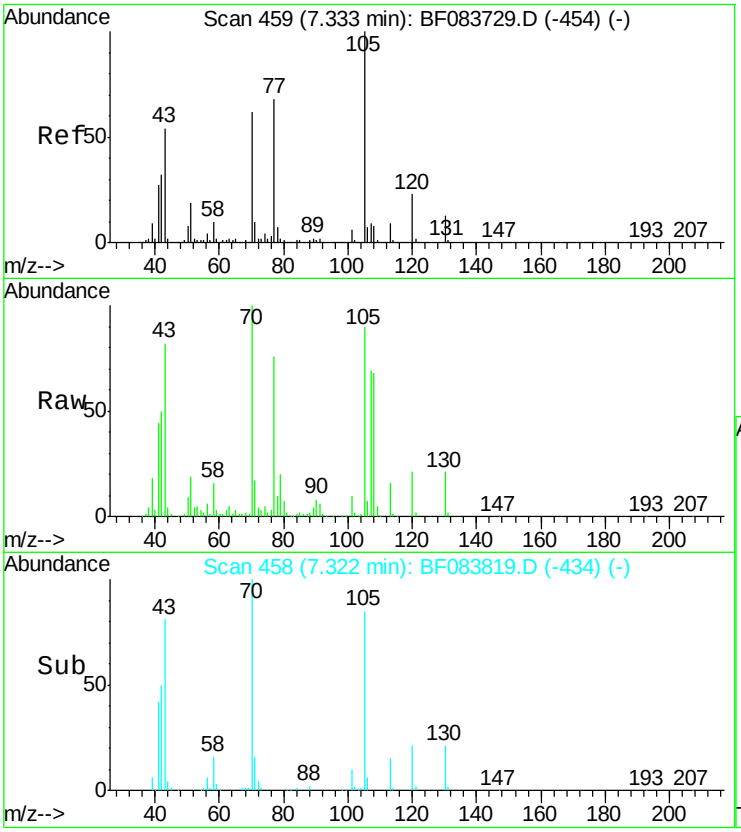




#18
Hexachloroethane
Concen: 39.23 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:117 Resp: 108560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.1 | 77.2 | 115.8 |
| 201 | 112.7 | 86.8 | 130.2 |



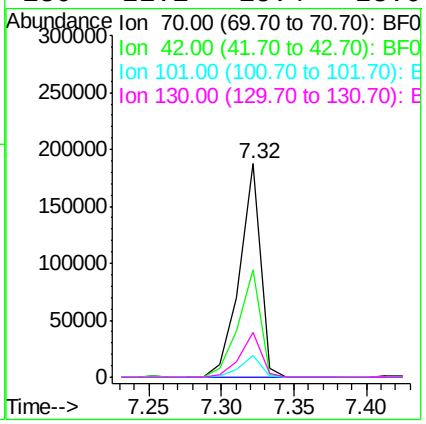


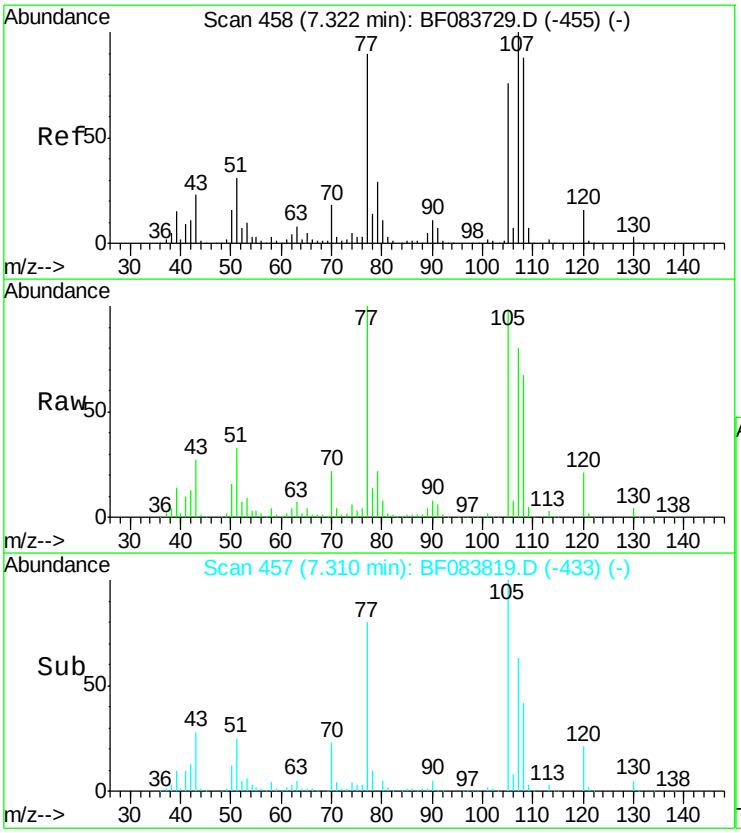

#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 70 Resp: 189902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.4 | 49.2 | 73.8 |
| 101 | 10.0 | 7.1 | 10.7 |
| 130 | 21.1 | 15.4 | 23.0 |

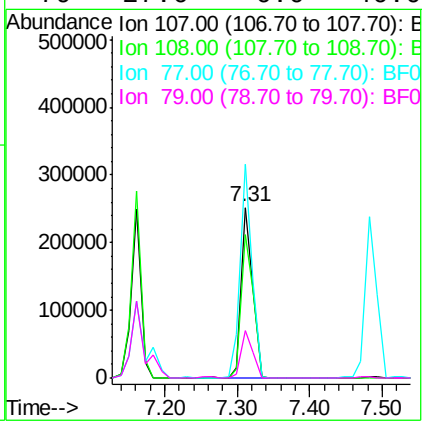


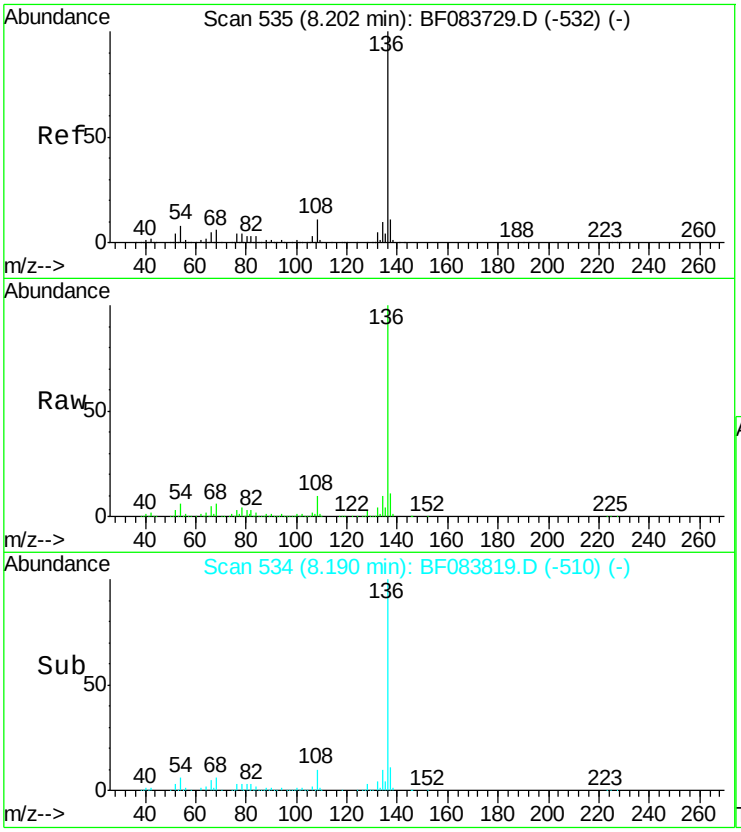




#20
3+4-Methylphenols
Concen: 40.35 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:107 Resp: 278292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.9 | 65.2 | 105.2 |
| 77 | 125.0 | 15.2 | 55.2# |
| 79 | 27.6 | 6.0 | 46.0 |



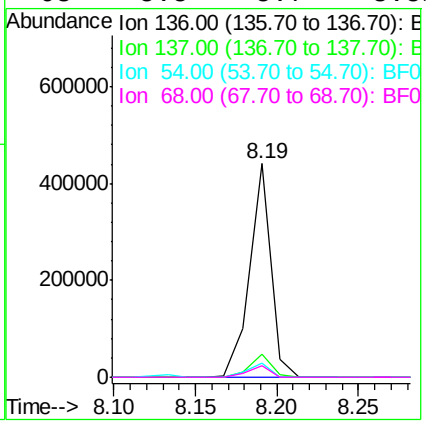


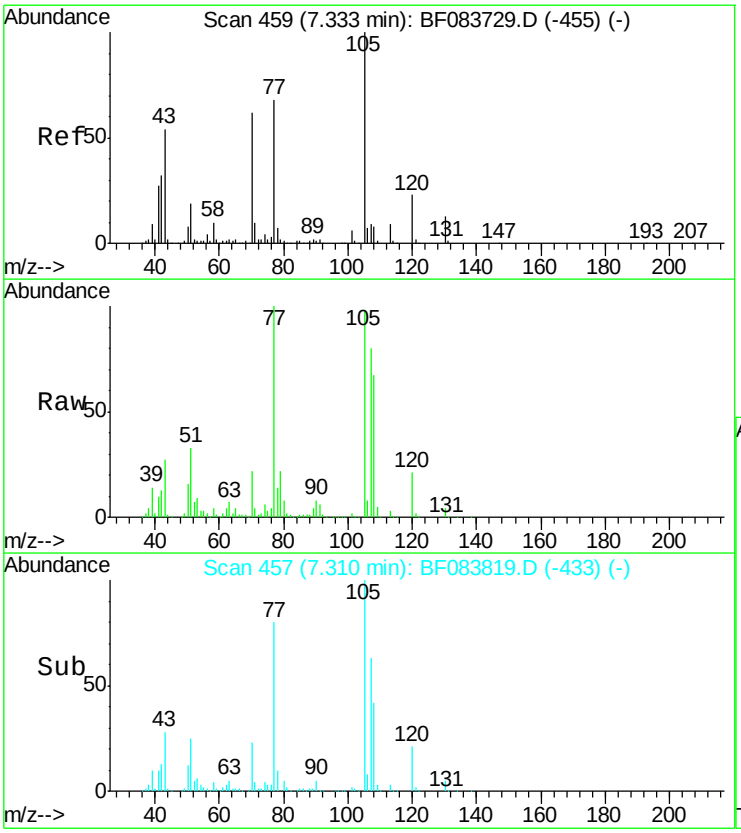

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:136 Resp: 399296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 6.4 | 7.8 | 11.6# |
| 68 | 5.5 | 5.7 | 8.5# |

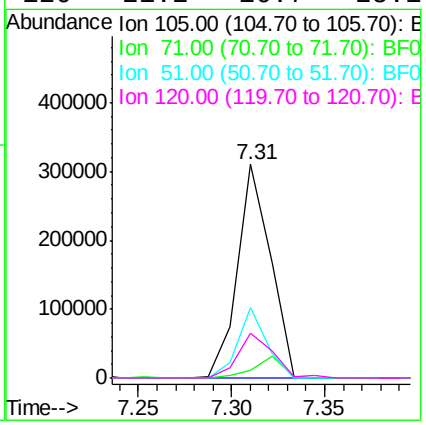


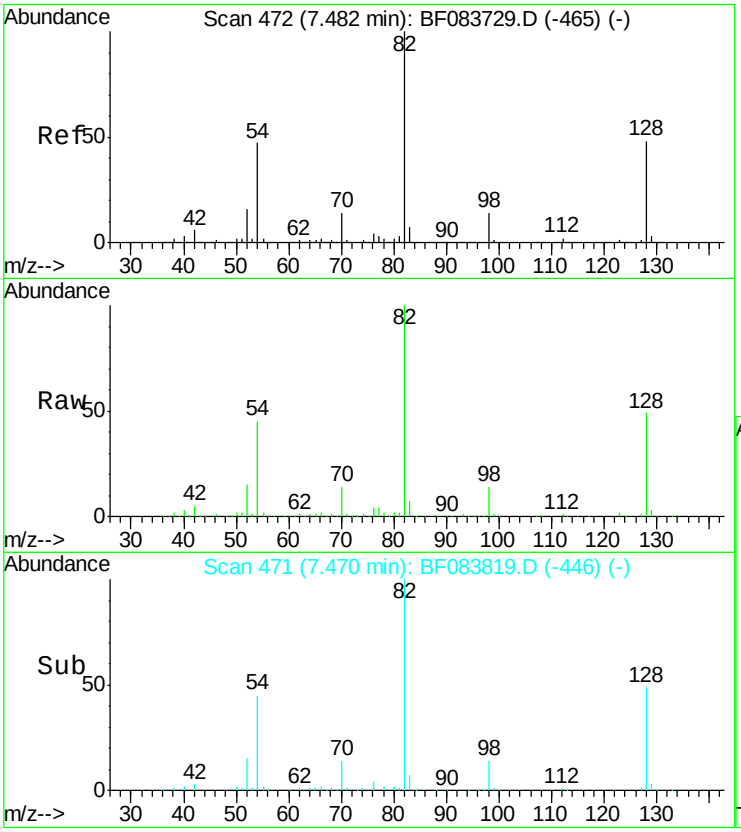




#22
Acetophenone
Concen: 38.91 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:105 Resp: 381136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.8 | 1.3 | 1.9# |
| 51 | 33.2 | 23.8 | 35.8 |
| 120 | 21.2 | 16.7 | 25.1 |



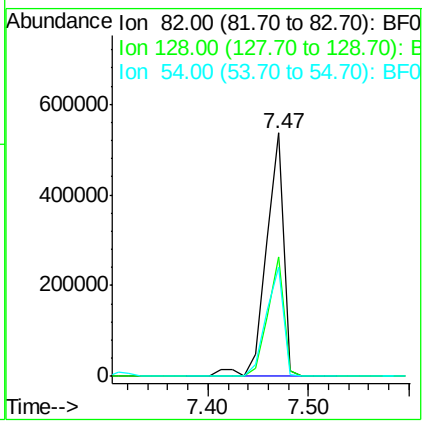


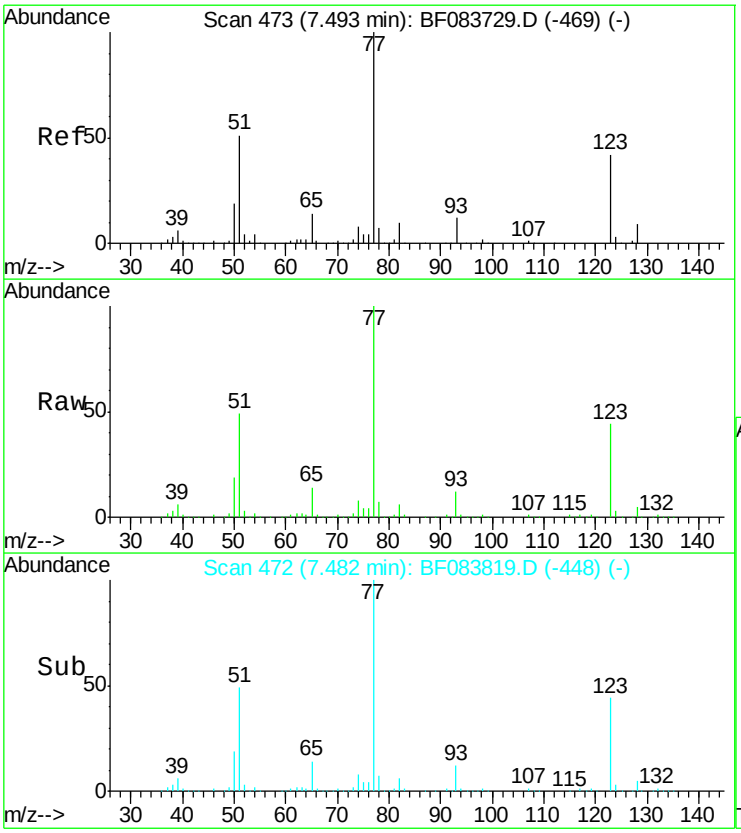

#23
Nitrobenzene-d5
Concen: 89.72 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 82 Resp: 640361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.0 | 30.7 | 46.1# |
| 54 | 45.1 | 42.5 | 63.7 |

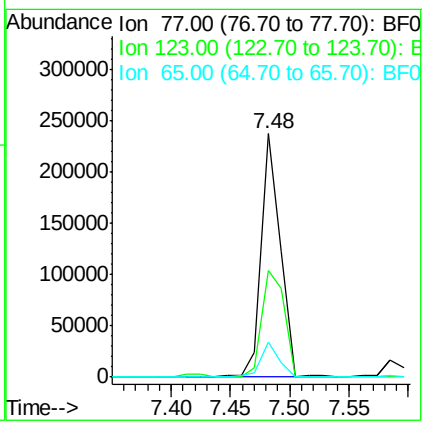


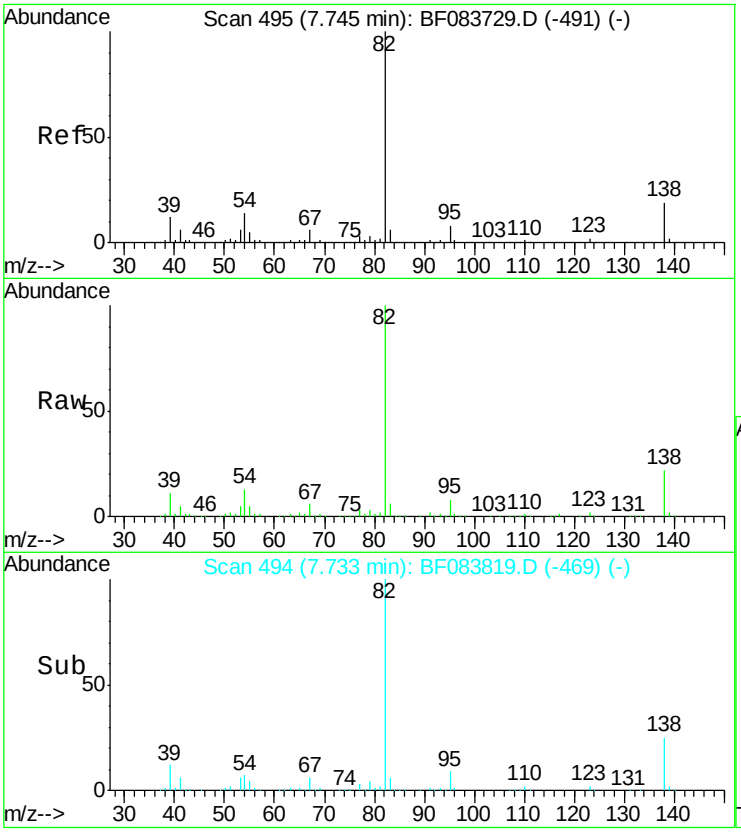




#24
Nitrobenzene
Concen: 35.86 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 77 Resp: 266379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.0 | 29.8 | 44.6 |
| 65 | 14.1 | 11.1 | 16.7 |



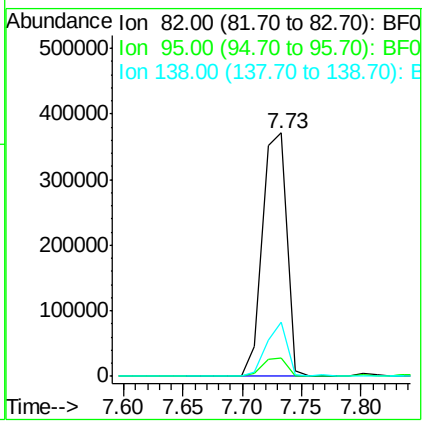


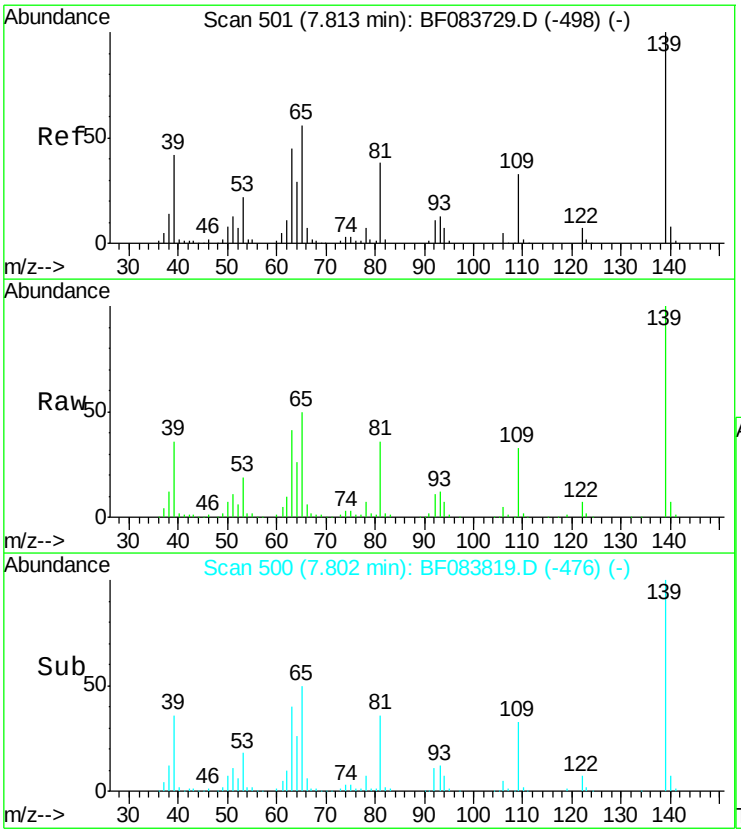

#25
Isophorone
Concen: 38.06 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 82 Resp: 532981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.8 | 5.0 | 7.4# |
| 138 | 22.0 | 12.1 | 18.1# |

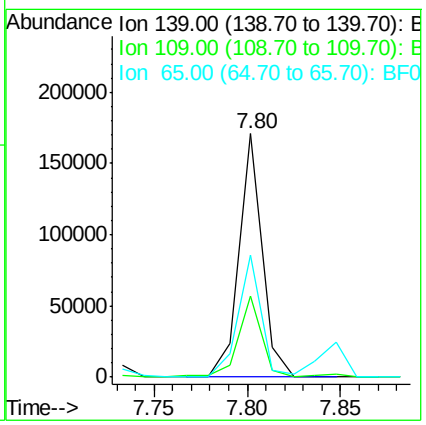


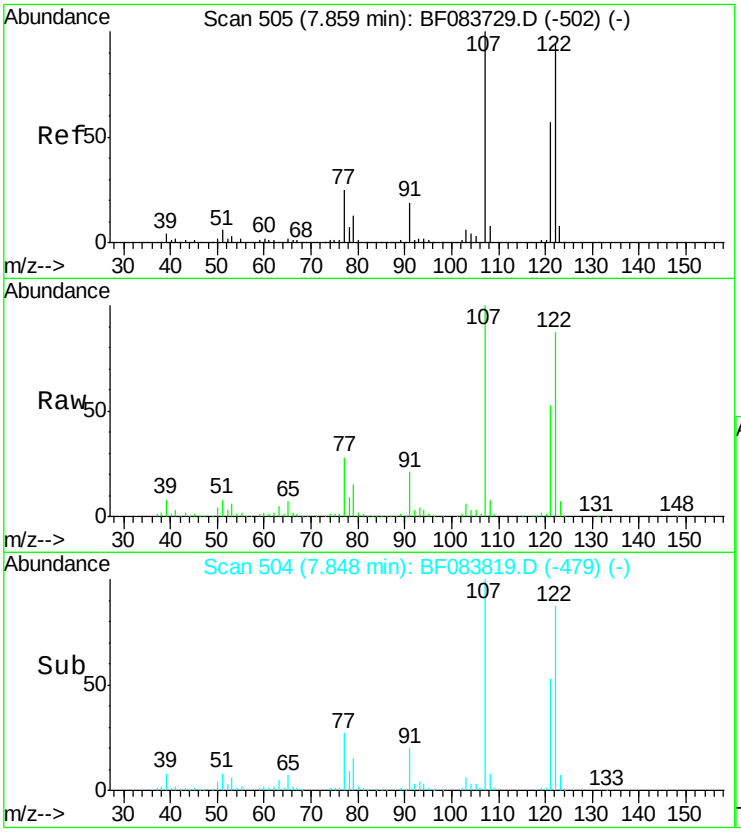




#26
2-Nitrophenol
Concen: 41.41 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:139 Resp: 147767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 33.2 | 22.7 | 34.1 |
| 65 | 50.3 | 51.8 | 77.8# |



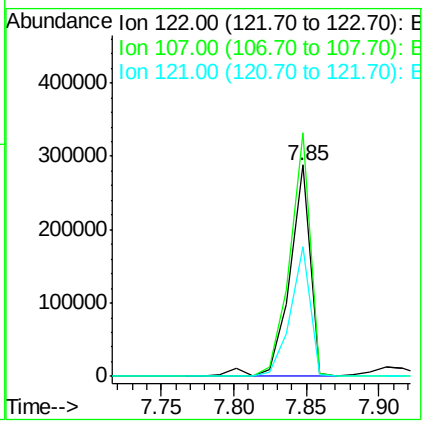


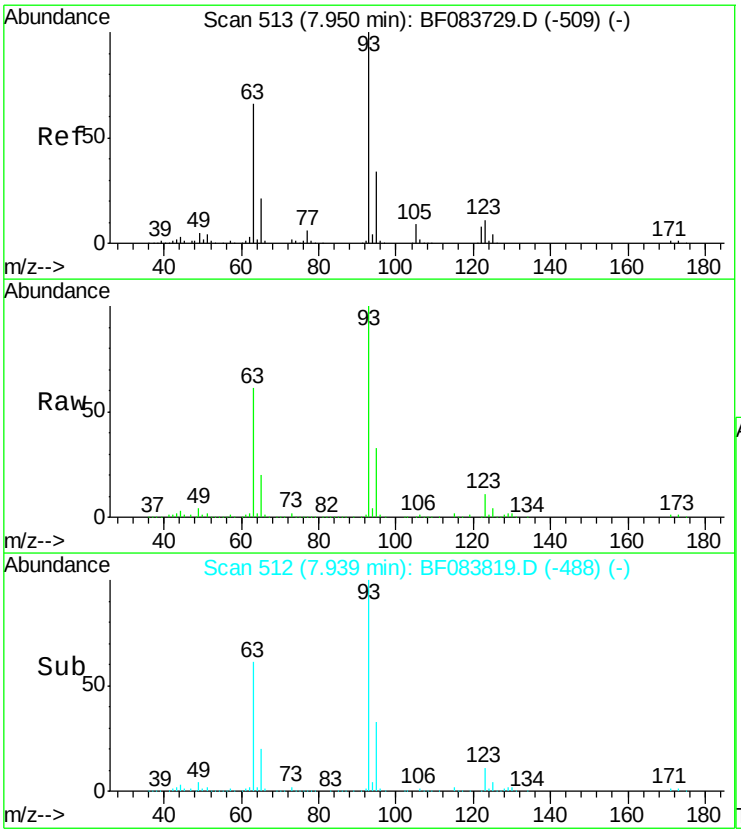

#27
2,4-Dimethylphenol
Concen: 40.75 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:122 Resp: 285733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.1 | 92.4 | 138.6 |
| 121 | 61.5 | 45.8 | 68.6 |

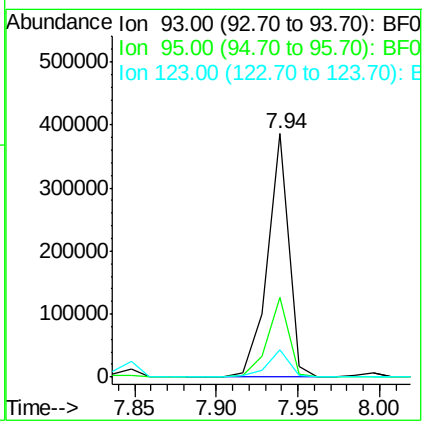


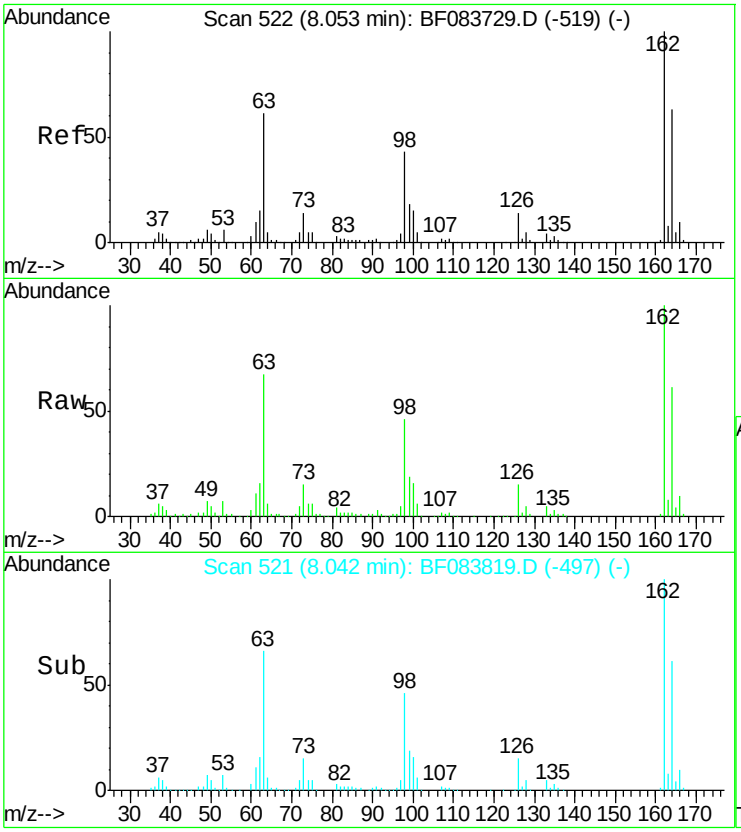




#28
bis(2-Chloroethoxy)methane
Concen: 43.79 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 93 Resp: 349874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 25.6 | 38.4 |
| 123 | 11.3 | 7.3 | 10.9# |



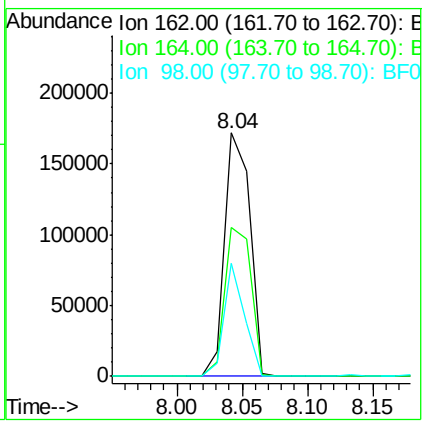


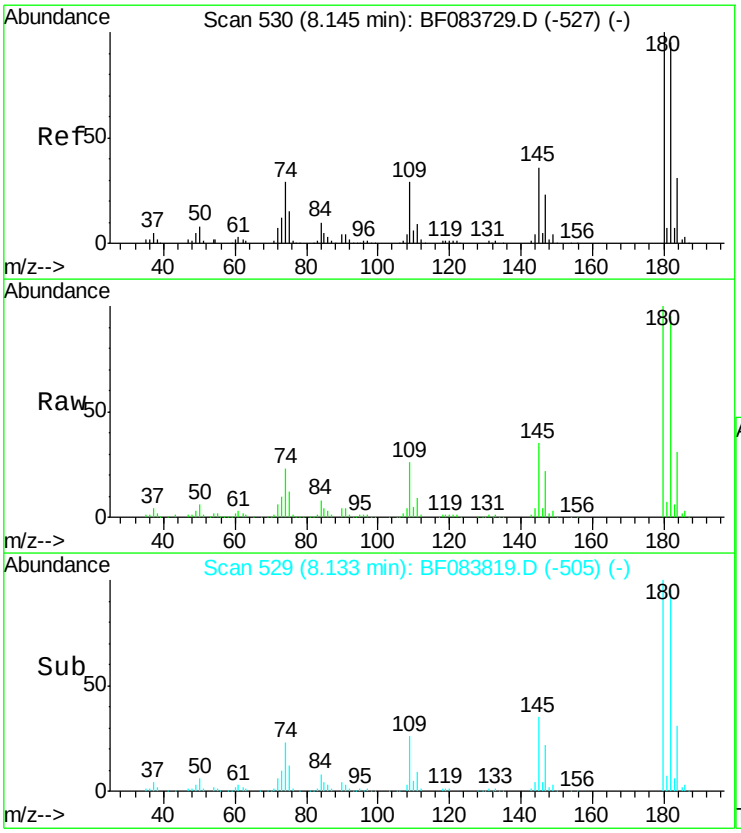

#29
2,4-Dichlorophenol
Concen: 40.27 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:162 Resp: 231787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.3 | 43.4 | 83.4 |
| 98 | 46.4 | 17.5 | 57.5 |

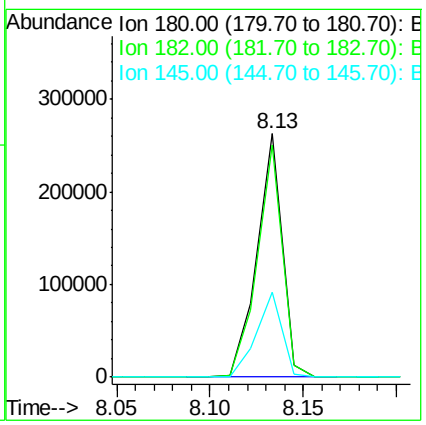


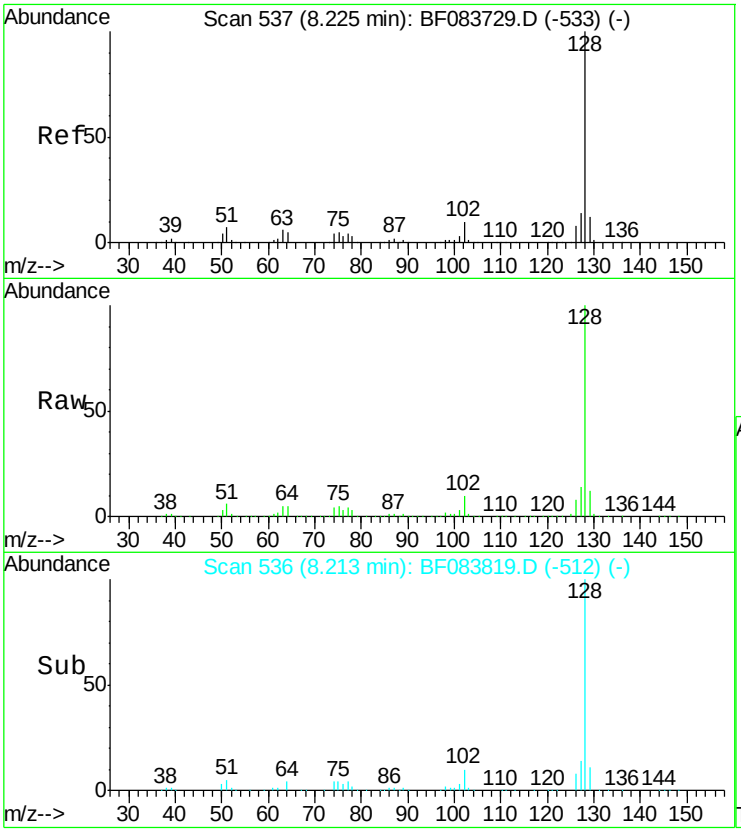




#30
1,2,4-Trichlorobenzene
Concen: 40.93 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:180 Resp: 244311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 74.9 | 112.3 |
| 145 | 34.6 | 24.7 | 37.1 |



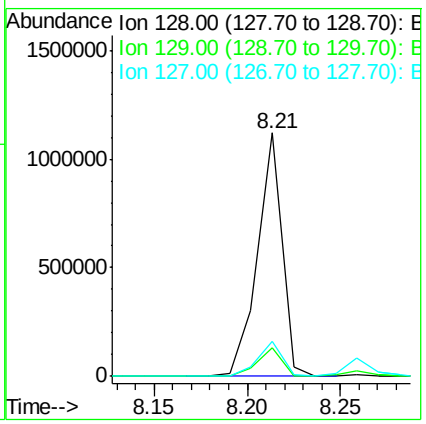


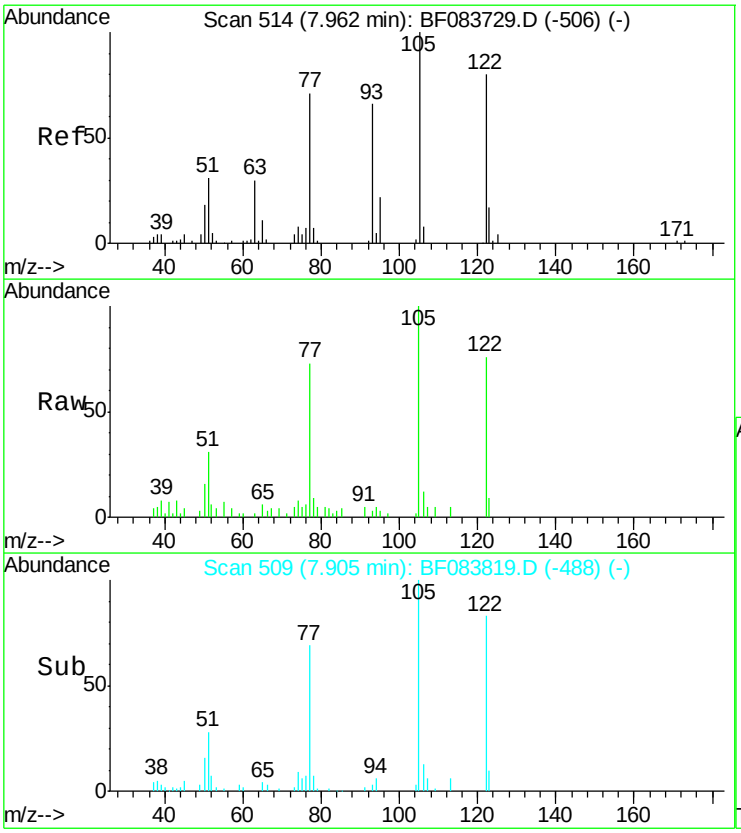

#31
Naphthalene
Concen: 48.68 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:128 Resp: 1013180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 8.6 | 13.0 |
| 127 | 14.1 | 10.6 | 16.0 |

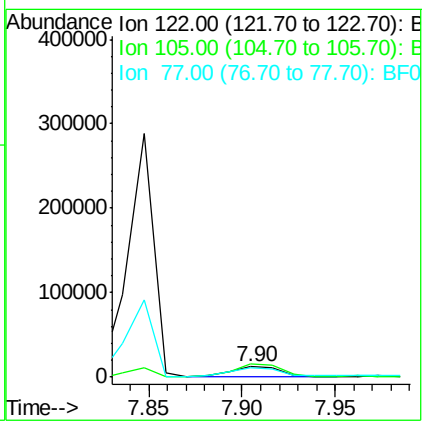


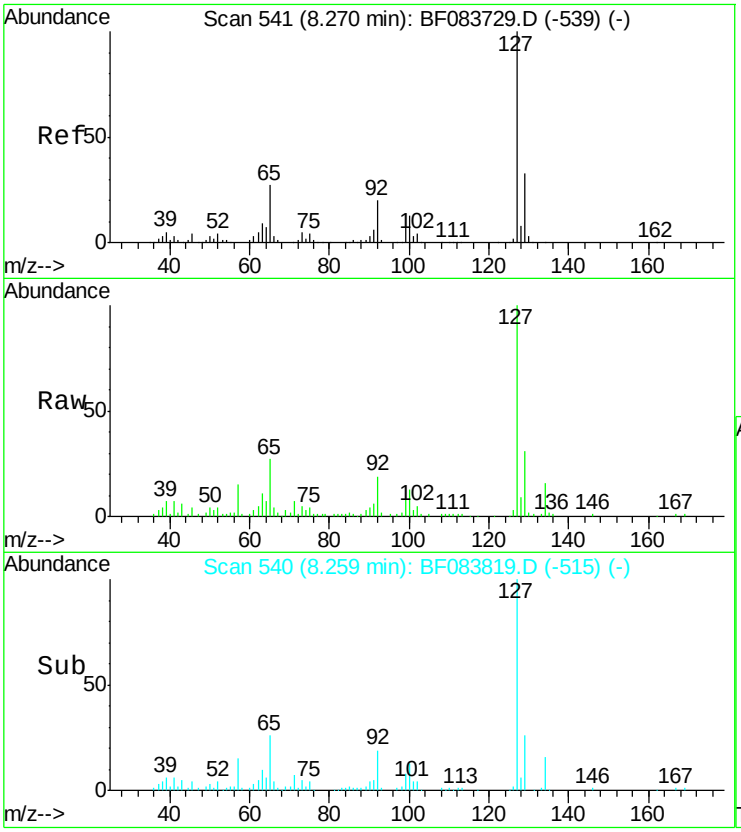




#32
Benzoic acid
Concen: 4.82 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:122 Resp: 21042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 132.1 | 105.6 | 145.6 |
| 77 | 96.2 | 86.8 | 126.8 |



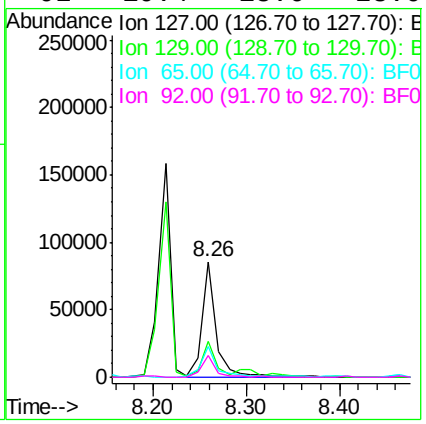


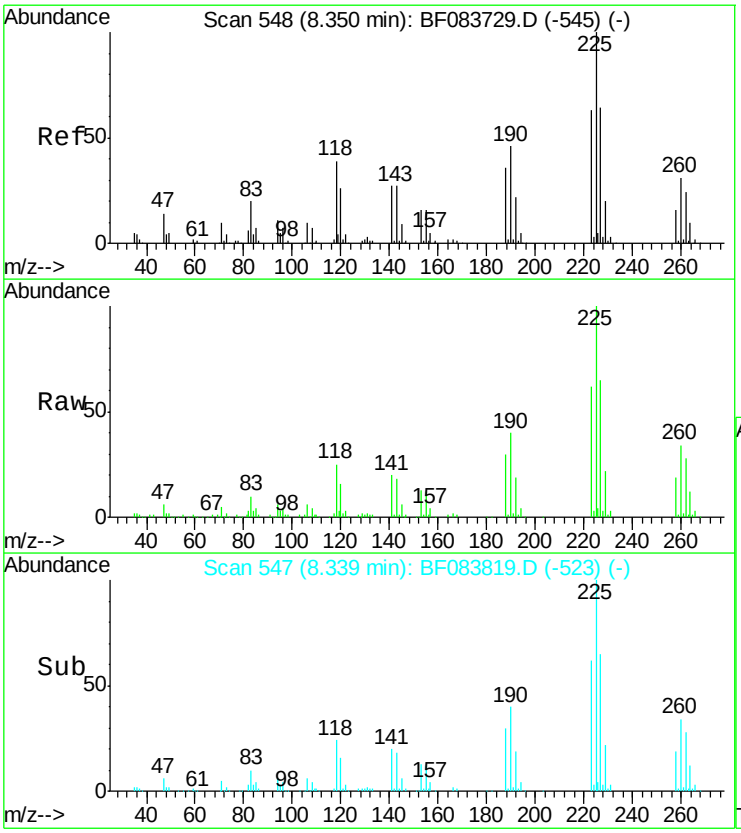

#33
4-Chloroaniline
Concen: 11.03 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:127 Resp: 93783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.4 | 26.1 | 39.1 |
| 65 | 26.6 | 33.5 | 50.3# |
| 92 | 19.4 | 18.6 | 28.0 |

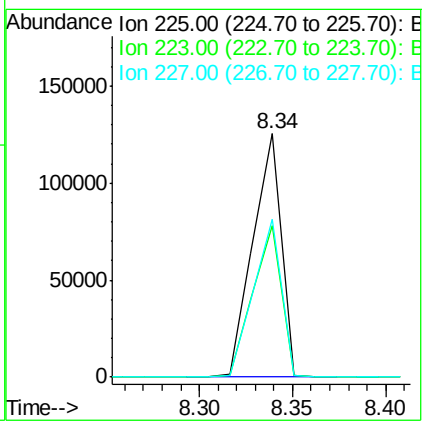


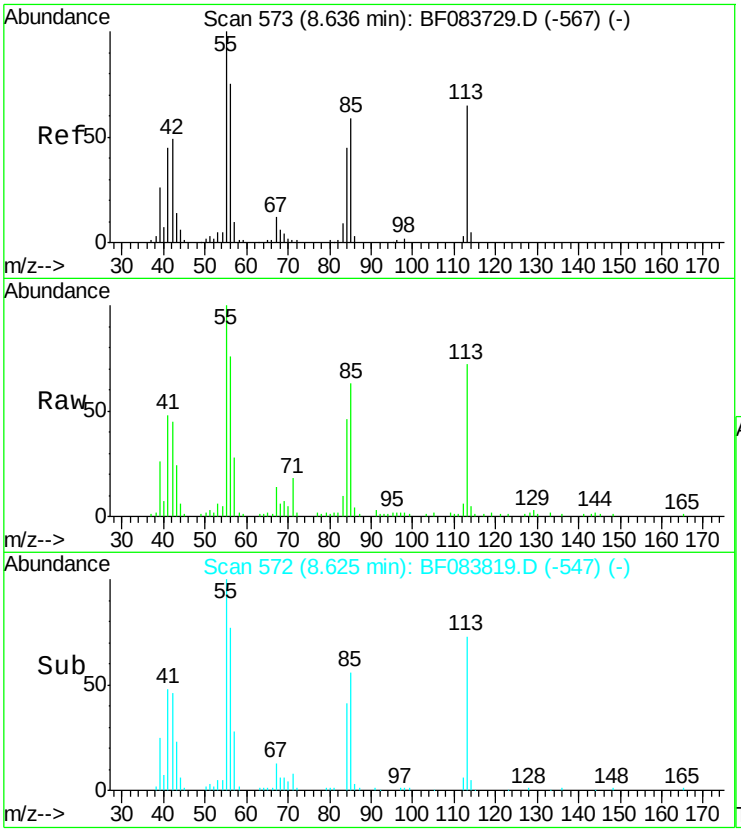




#34
Hexachlorobutadiene
Concen: 40.03 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:225 Resp: 131137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 52.3 | 78.5 |
| 227 | 64.9 | 50.4 | 75.6 |



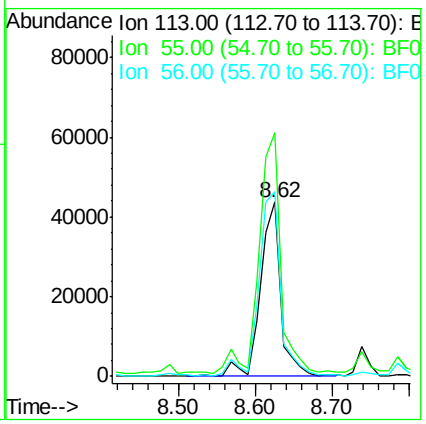


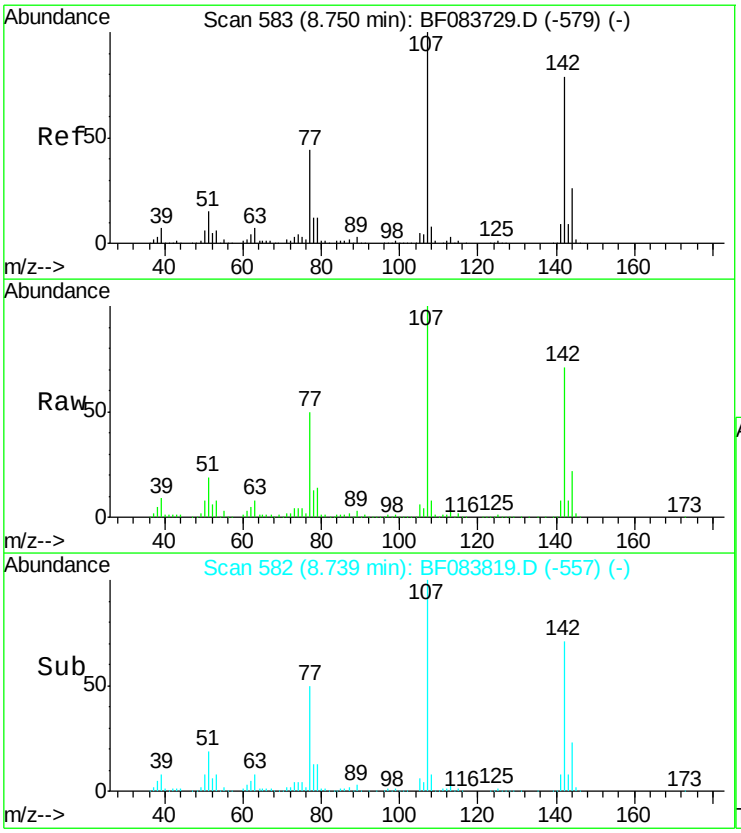

#35
Caprolactam
Concen: 43.14 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:113 Resp: 79743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 139.7 | 189.7 | 229.7# |
| 56 | 106.3 | 130.7 | 170.7# |

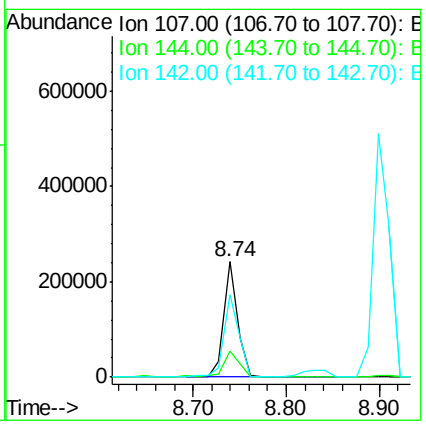


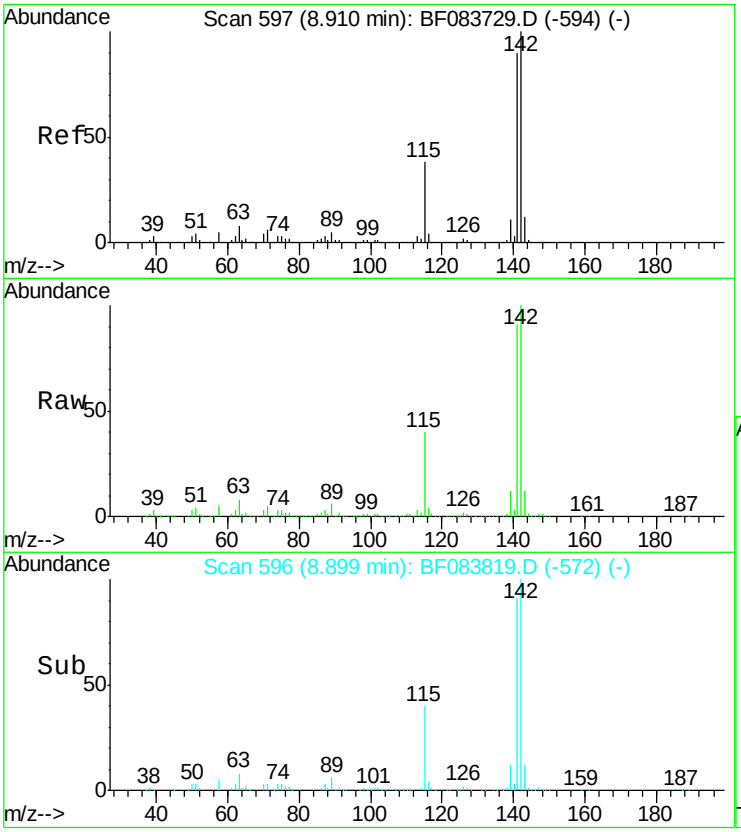




#36
4-Chloro-3-methylphenol
Concen: 36.77 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:107 Resp: 247575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.5 | 17.5 | 26.3 |
| 142 | 71.4 | 53.6 | 80.4 |



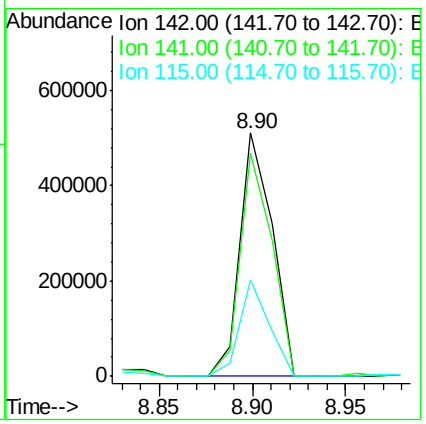


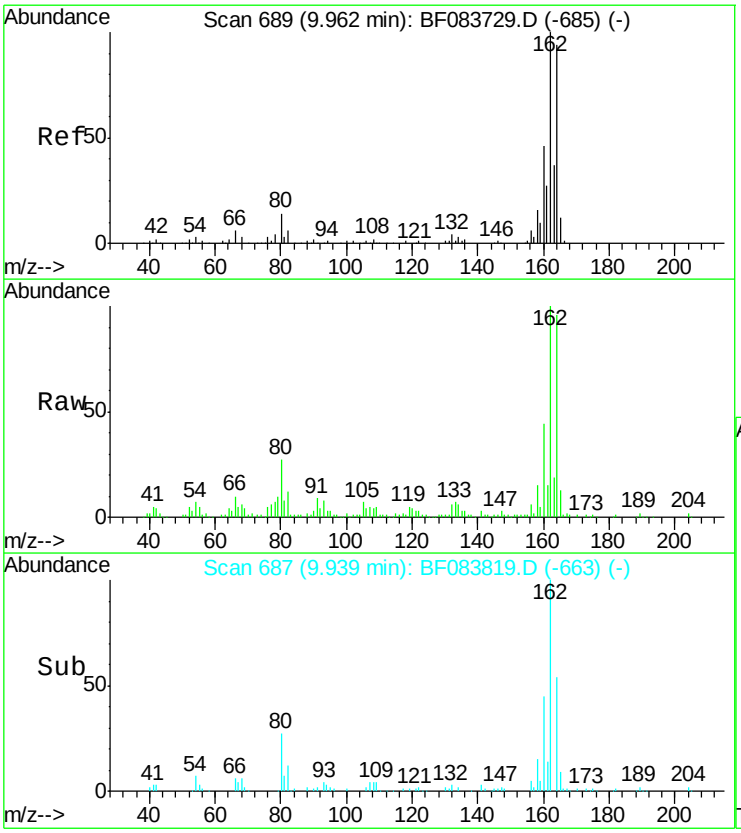

#37
2-Methylnaphthalene
Concen: 47.05 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:142 Resp: 614770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 70.3 | 105.5 |
| 115 | 39.8 | 29.2 | 43.8 |

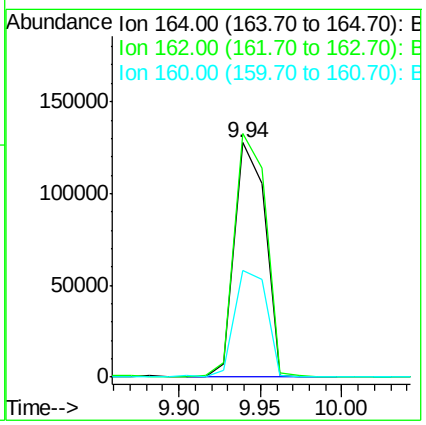


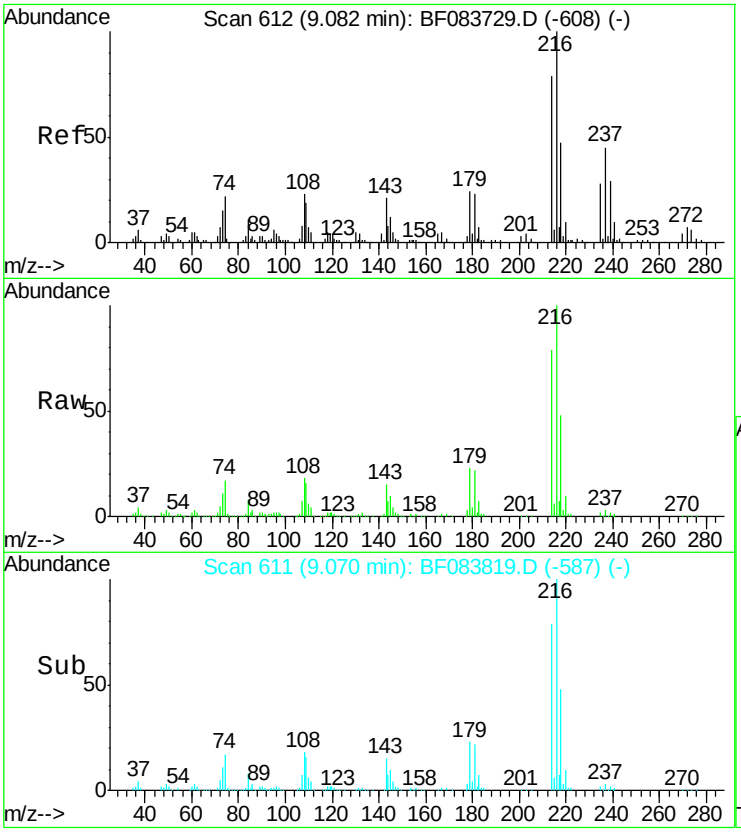




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:164 Resp: 166325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 78.8 | 118.2 |
| 160 | 45.6 | 33.4 | 50.2 |



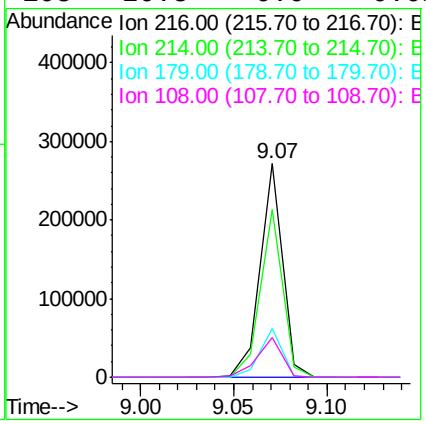


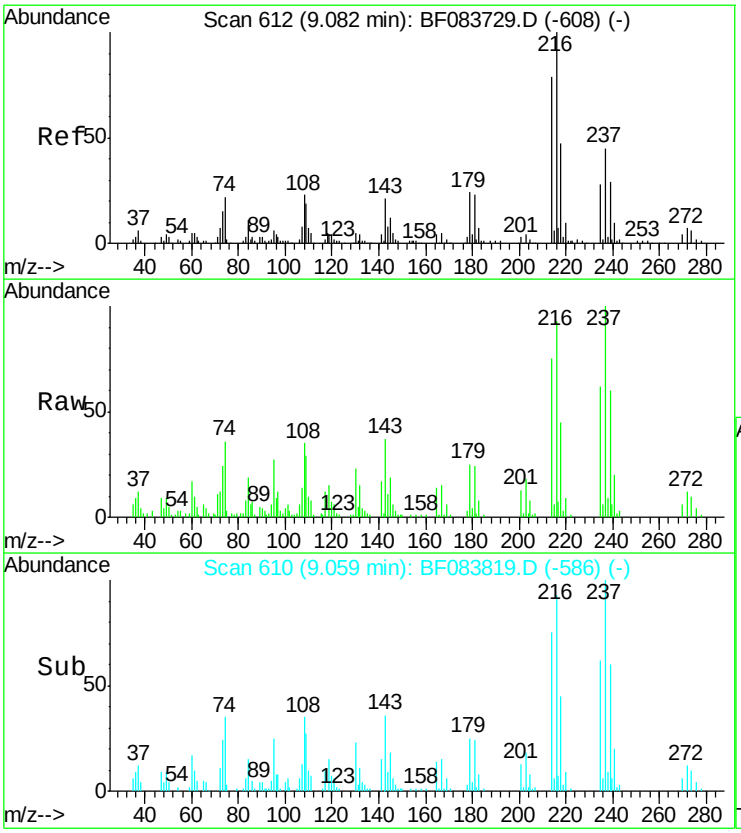

#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.74 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:216 Resp: 224409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 0.0 | 0.0# |
| 179 | 23.1 | 0.0 | 0.0# |
| 108 | 20.8 | 0.0 | 0.0# |

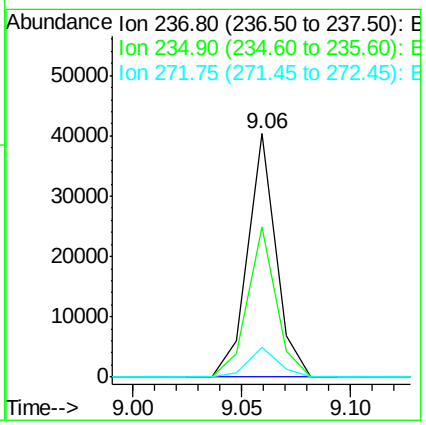


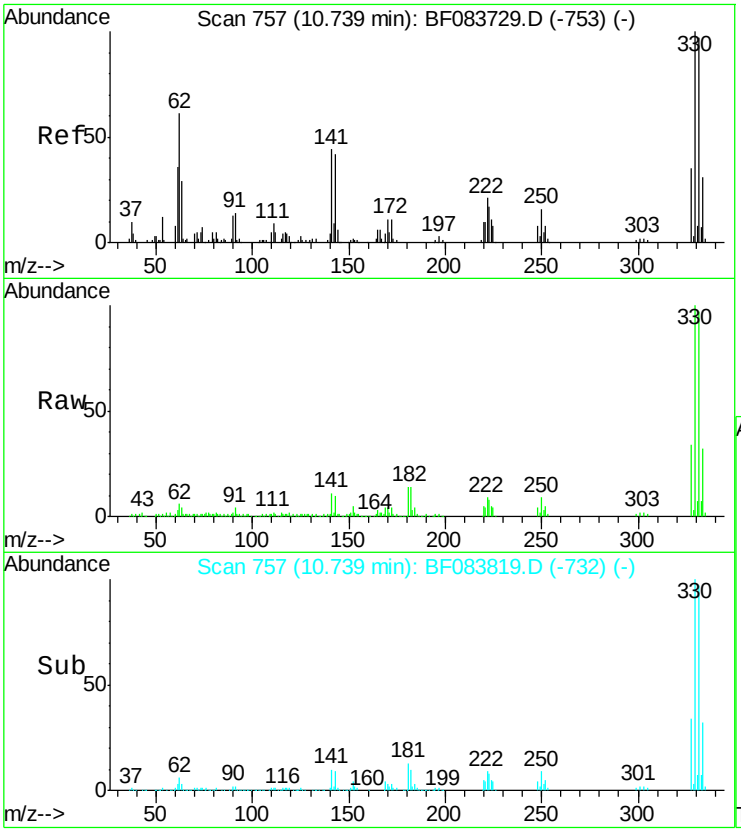




#40
Hexachlorocyclopentadiene
Concen: 14.70 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:237 Resp: 36548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.8 | 43.9 | 83.9 |
| 272 | 12.3 | 0.0 | 31.8 |



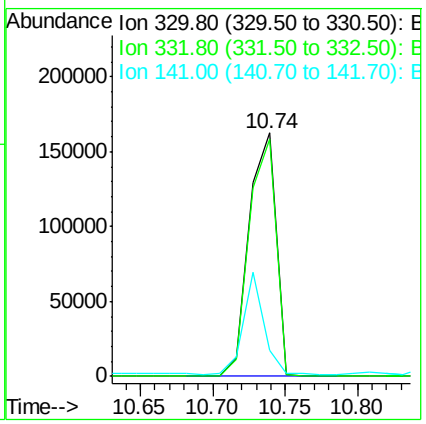


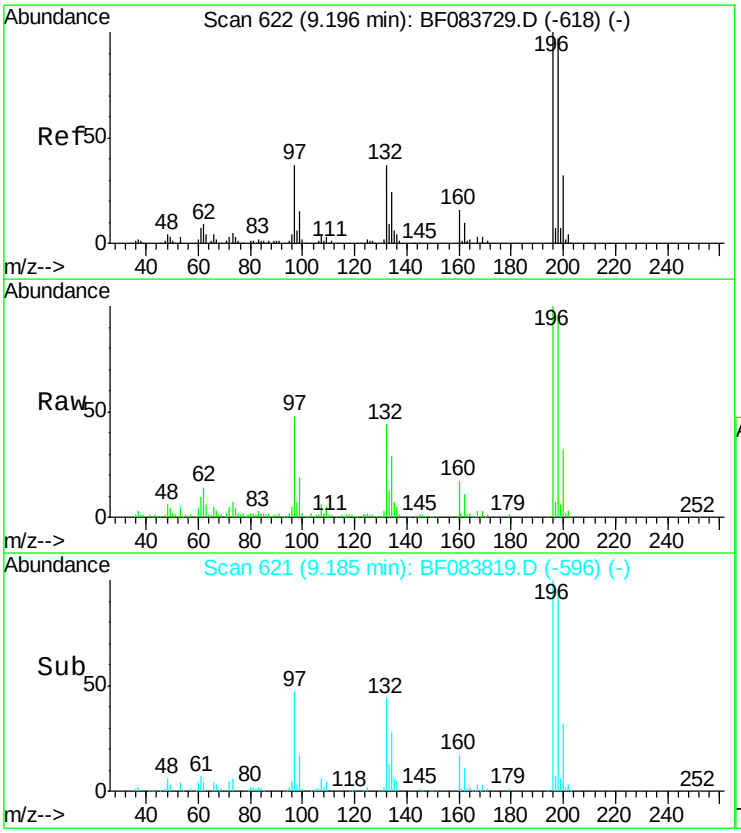

#41
2,4,6-Tribromophenol
Concen: 123.68 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:330 Resp: 209608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 0.0 | 0.0# |
| 141 | 31.9 | 0.0 | 0.0# |

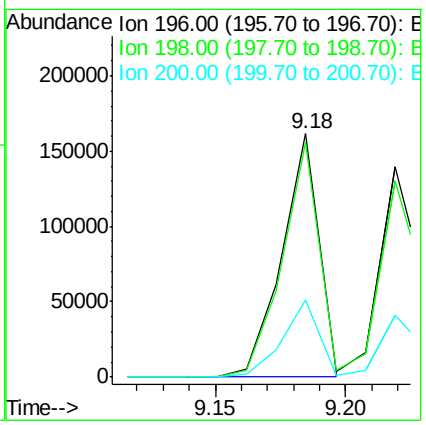


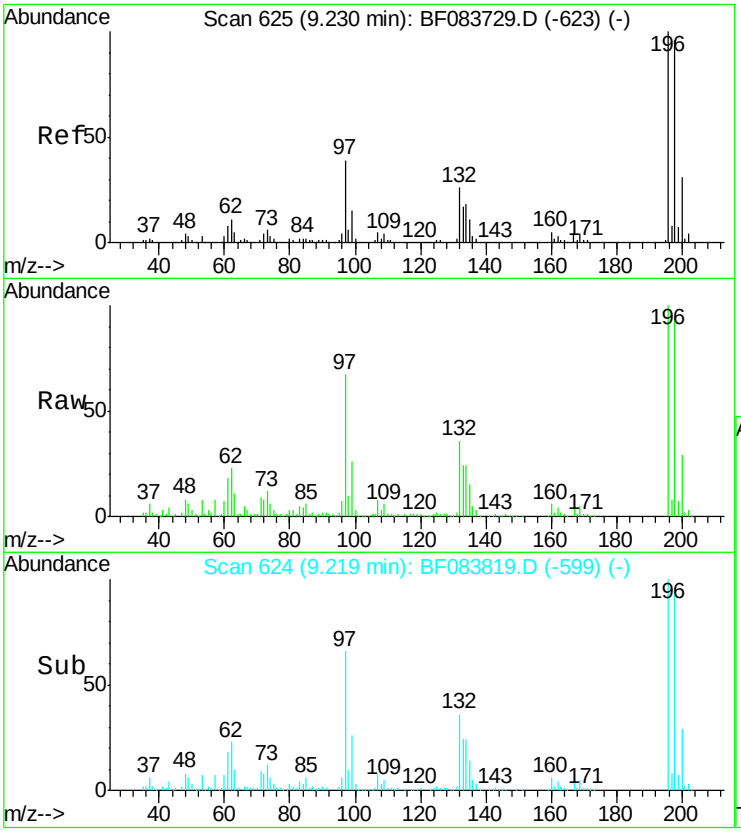




#42
2,4,6-Trichlorophenol
Concen: 44.29 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:196 Resp: 159075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 75.2 | 112.8 |
| 200 | 31.8 | 23.0 | 34.6 |



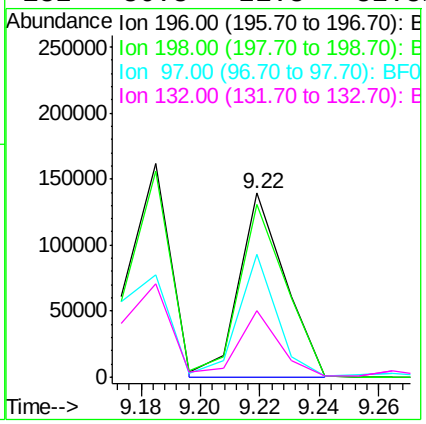


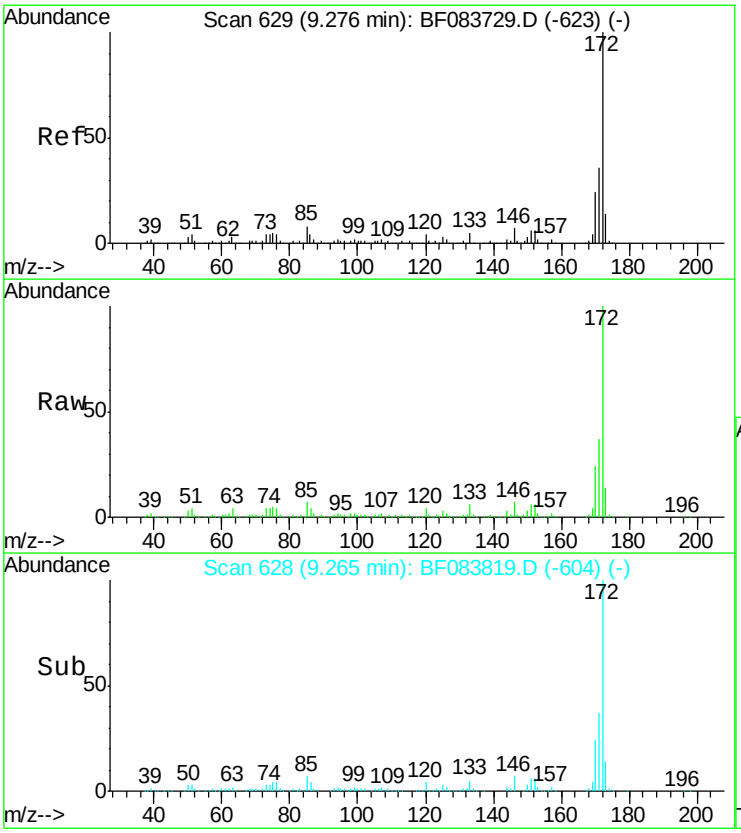

#43
2,4,5-Trichlorophenol
Concen: 43.91 ng m
RT: 9.22 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:196 Resp: 149579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.6 | 77.7 | 116.5 |
| 97 | 66.7 | 41.2 | 61.8# |
| 132 | 36.3 | 21.8 | 32.8# |

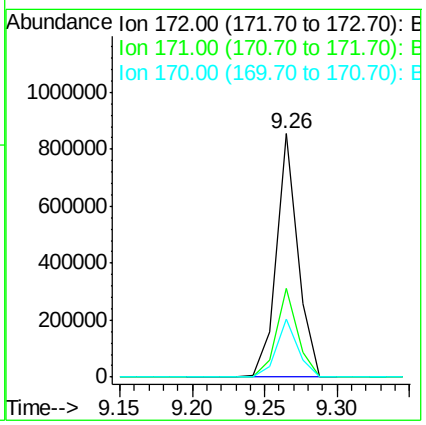


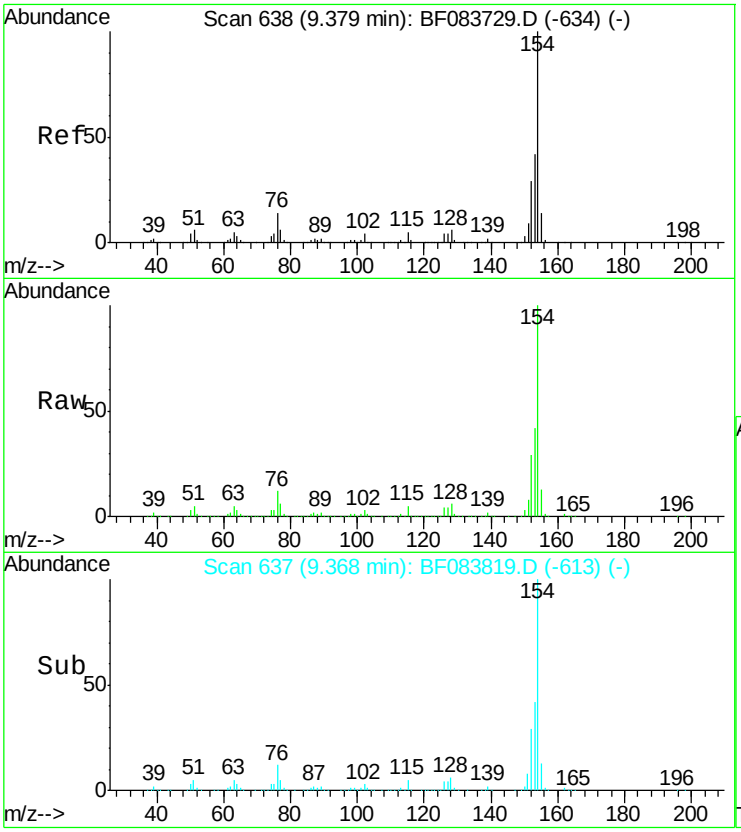




#44
2-Fluorobiphenyl
Concen: 74.63 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:172 Resp: 878797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 28.6 | 42.8 |
| 170 | 23.9 | 19.4 | 29.0 |



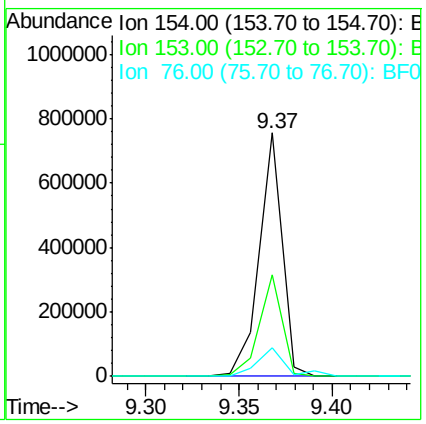


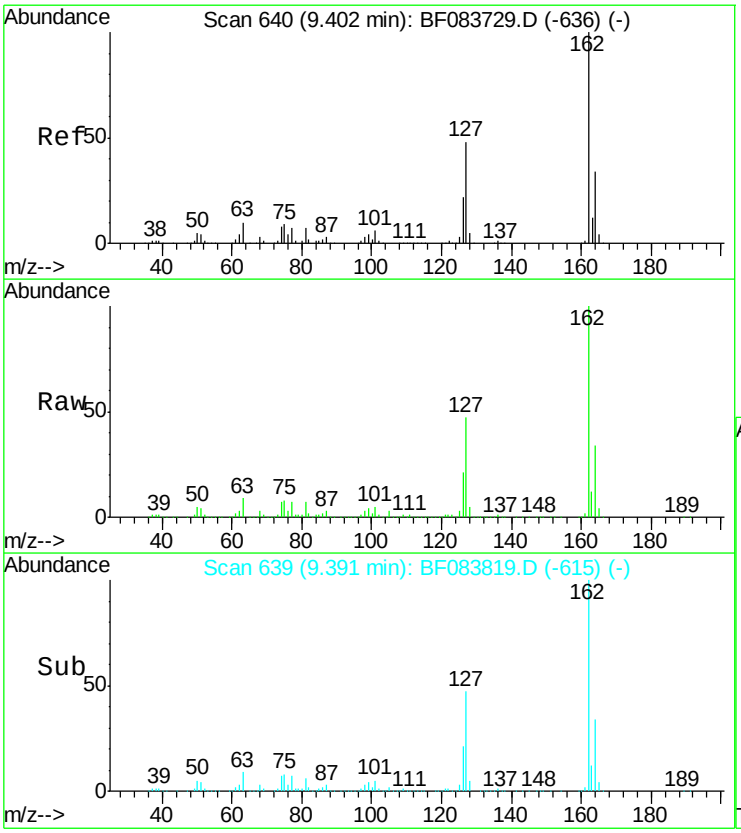

#45
1,1'-Biphenyl
Concen: 43.30 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:154 Resp: 638217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 20.2 | 60.2 |
| 76 | 11.8 | 0.0 | 34.8 |

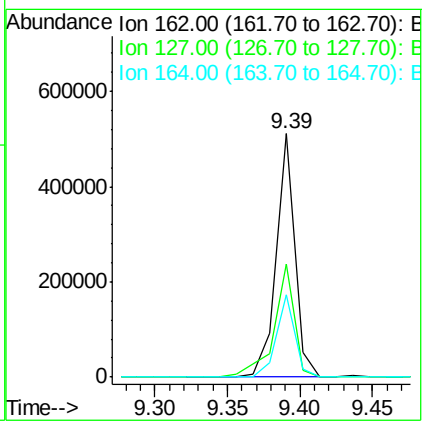


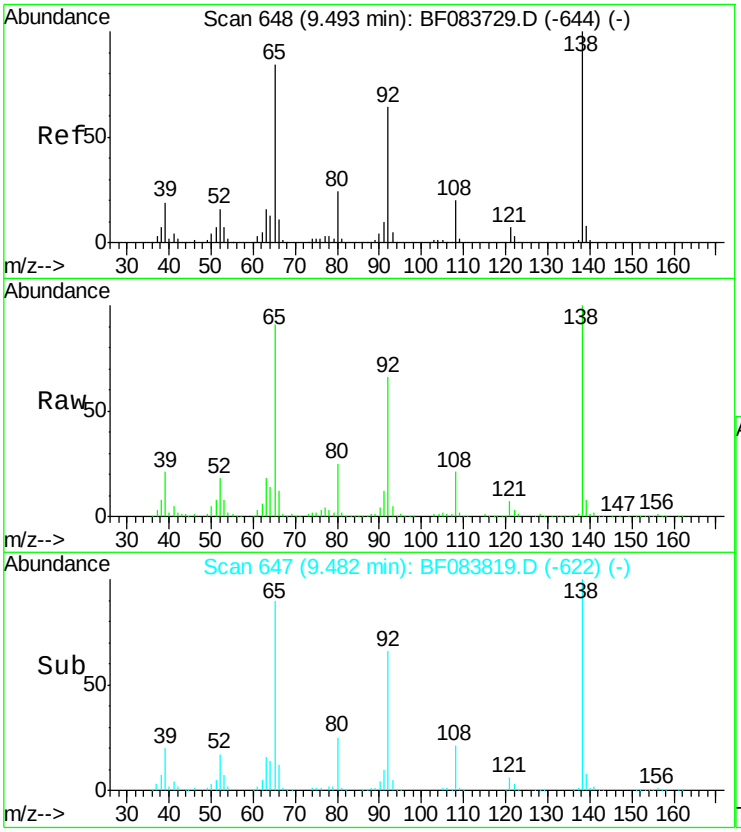




#46
2-Chloronaphthalene
Concen: 41.64 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:162 Resp: 453076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 46.6 | 31.0 | 46.4# |
| 164 | 33.7 | 27.4 | 41.0 |



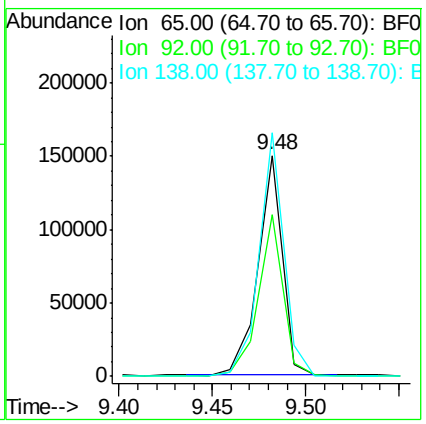


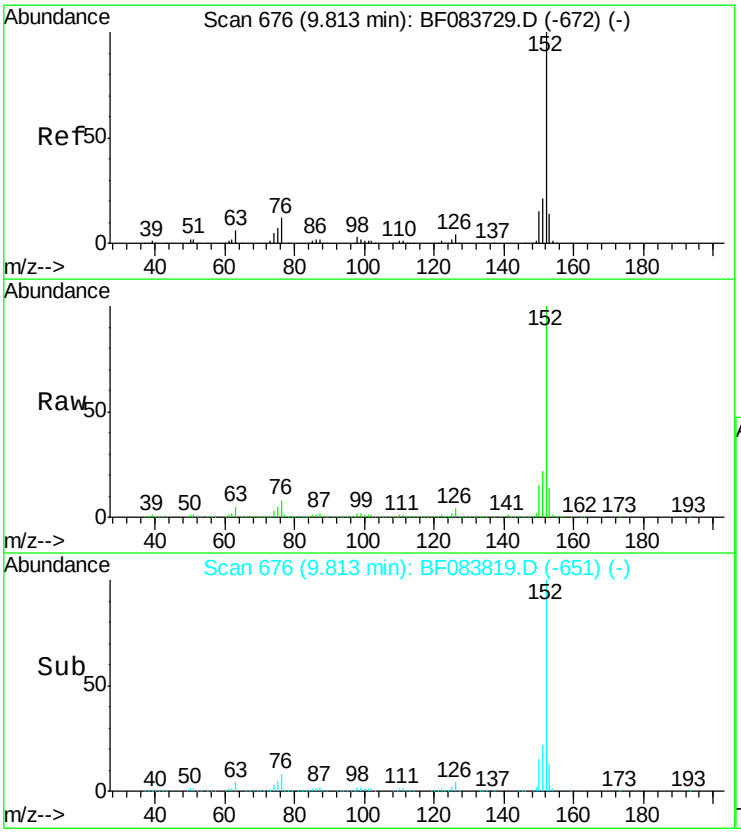

#47
2-Nitroaniline
Concen: 43.55 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion: 65 Resp: 134385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 73.1 | 49.6 | 74.4 |
| 138 | 110.1 | 64.1 | 96.1# |

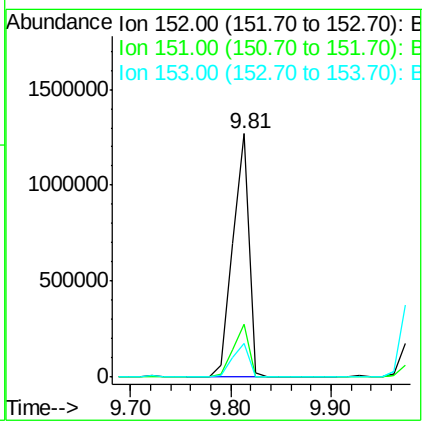


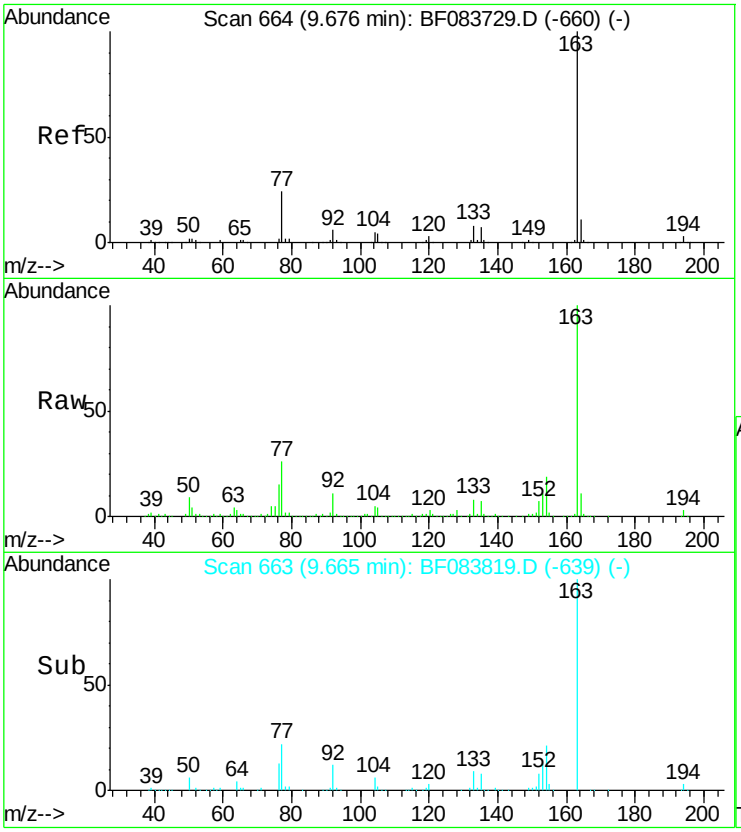




#48
Acenaphthylene
Concen: 77.28 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:152 Resp: 1414824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 16.3 | 24.5 |
| 153 | 13.6 | 10.8 | 16.2 |



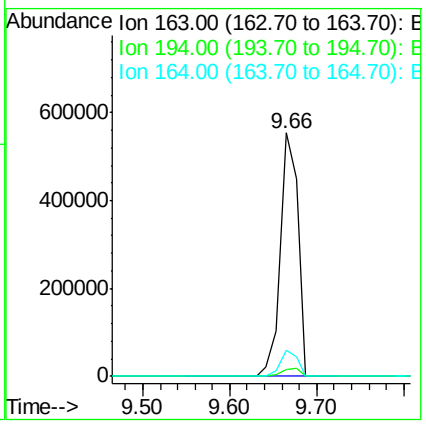


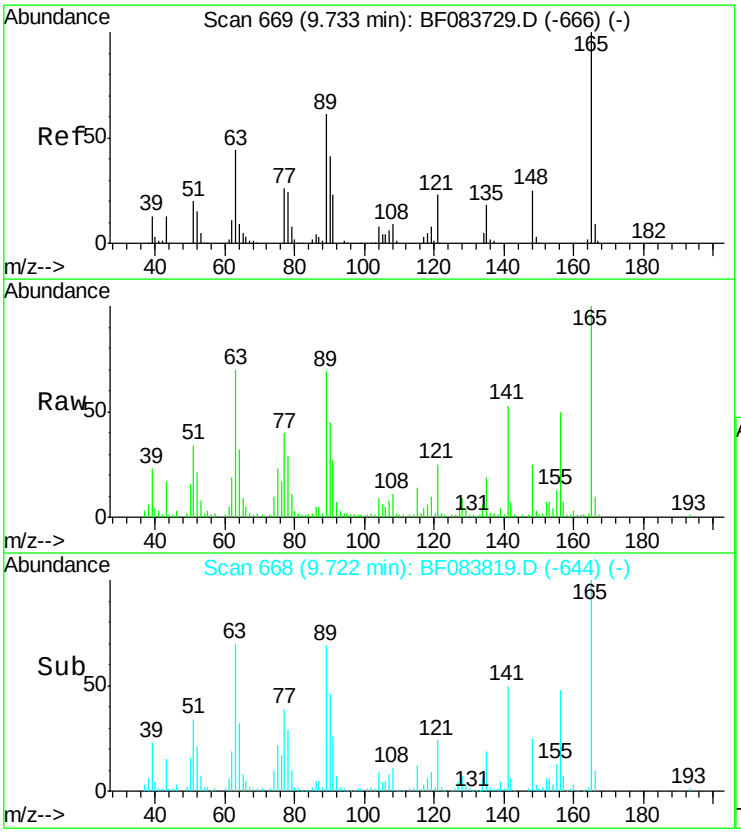

#49
Dimethylphthalate
Concen: 60.11 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:163 Resp: 779464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 2.8 | 4.2 |
| 164 | 10.7 | 8.6 | 13.0 |

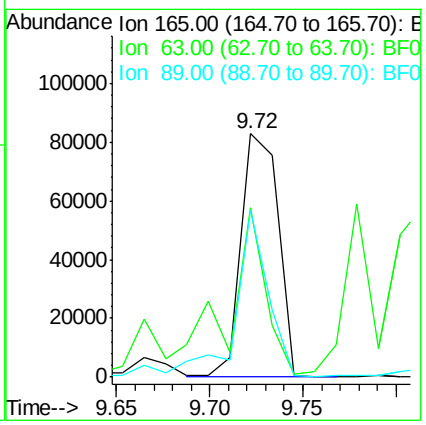


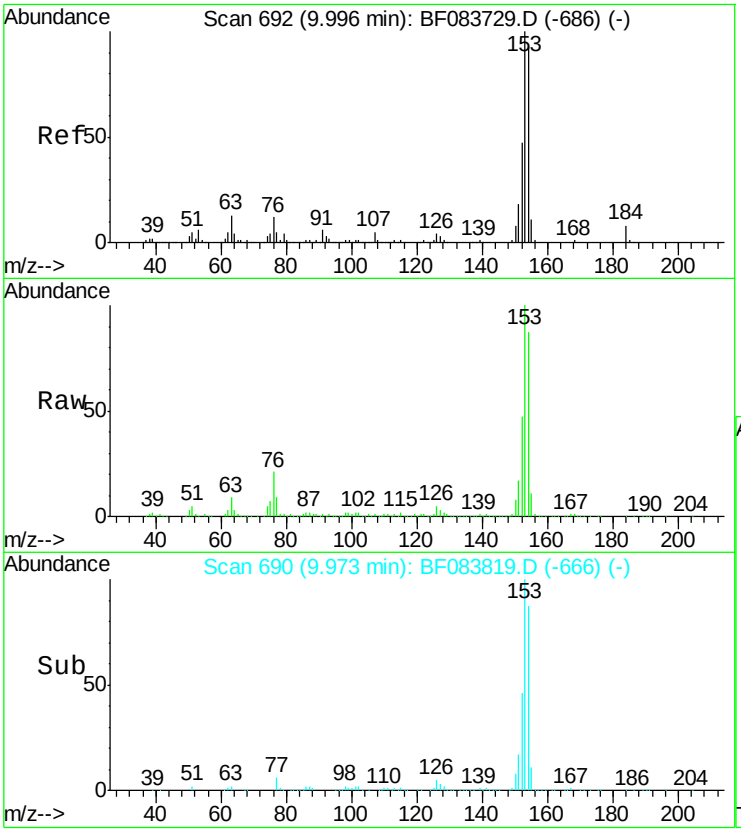




#50
2,6-Dinitrotoluene
Concen: 41.50 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:165 Resp: 114201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 69.7 | 56.9 | 85.3 |
| 89 | 68.8 | 52.1 | 78.1 |



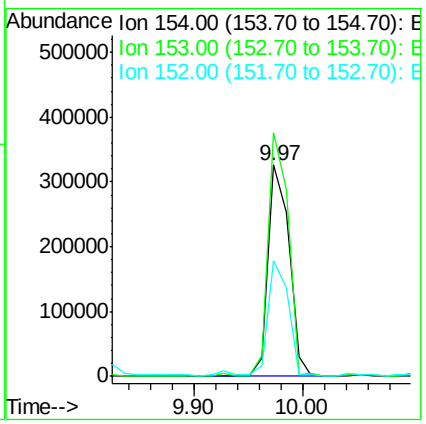


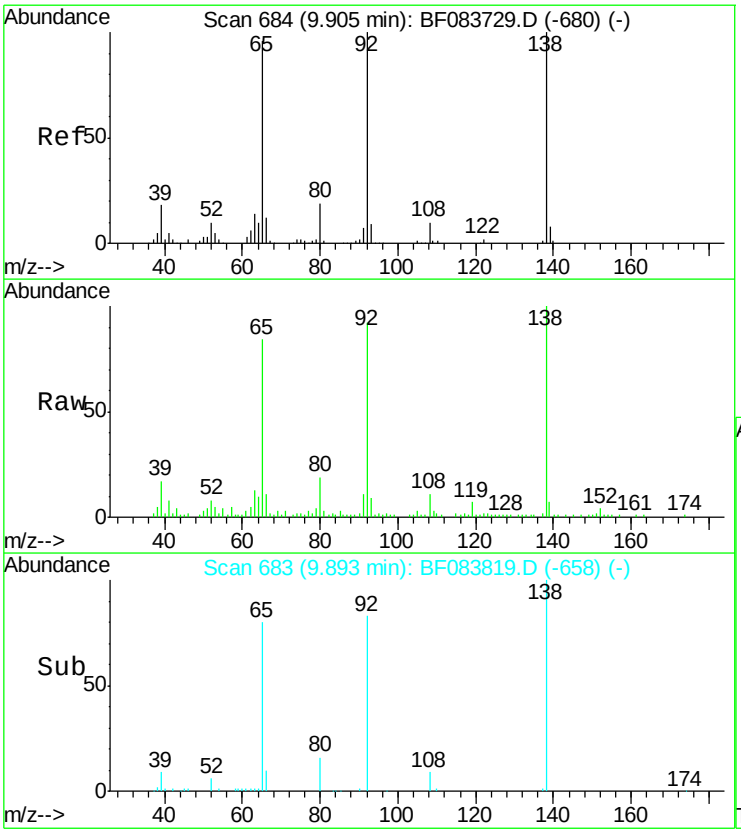

#51
Acenaphthene
Concen: 39.76 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:154 Resp: 440028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.3 | 91.4 | 137.0 |
| 152 | 54.6 | 43.4 | 65.2 |

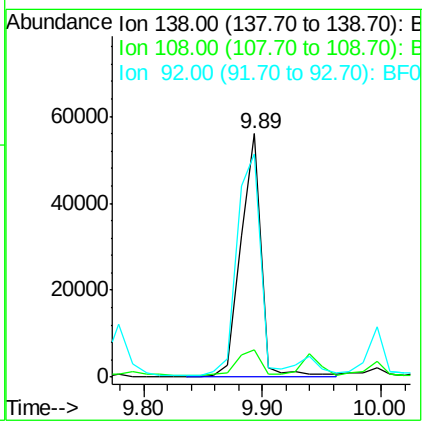


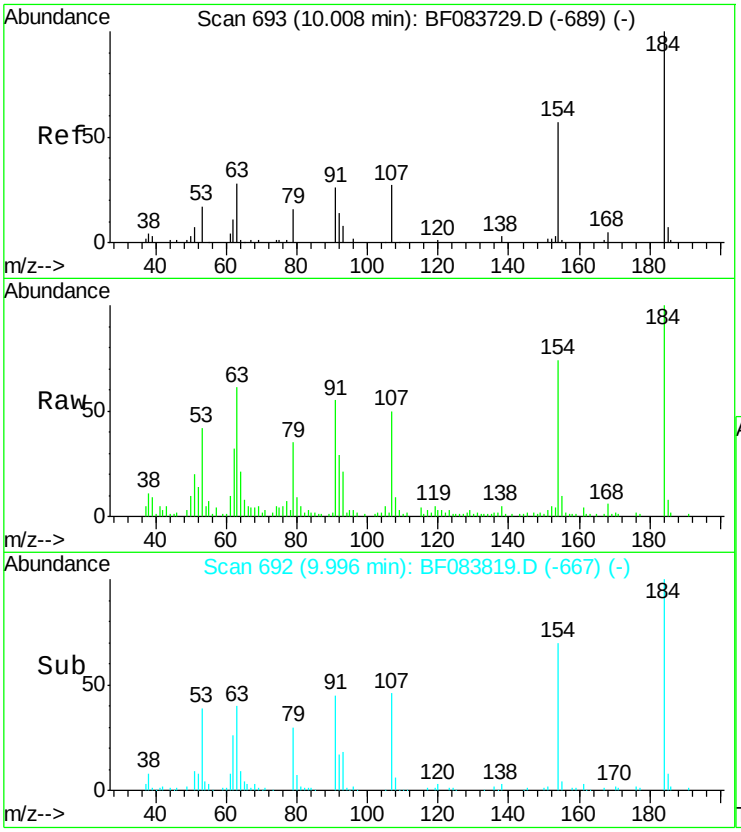




#52
3-Nitroaniline
Concen: 21.30 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:138 Resp: 67596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 9.9 | 14.9 |
| 92 | 91.6 | 113.8 | 170.8# |



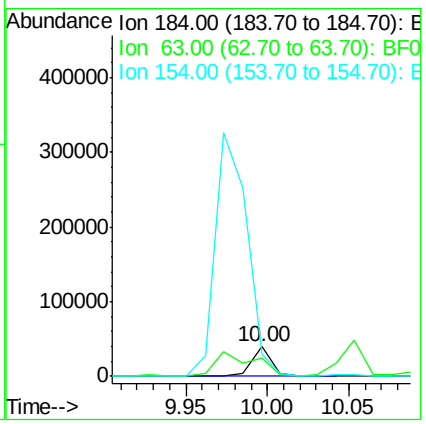


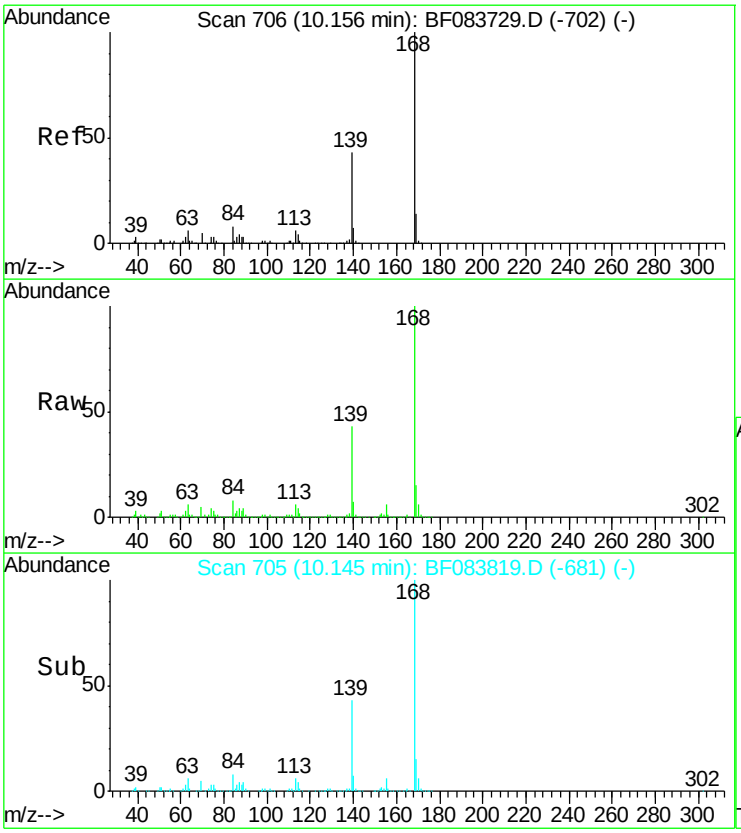

#53
2,4-Dinitrophenol
Concen: 33.33 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:184 Resp: 34028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.0 | 62.4 | 93.6# |
| 154 | 73.9 | 46.6 | 69.8# |

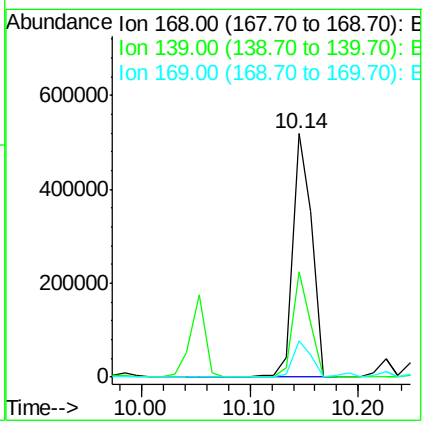


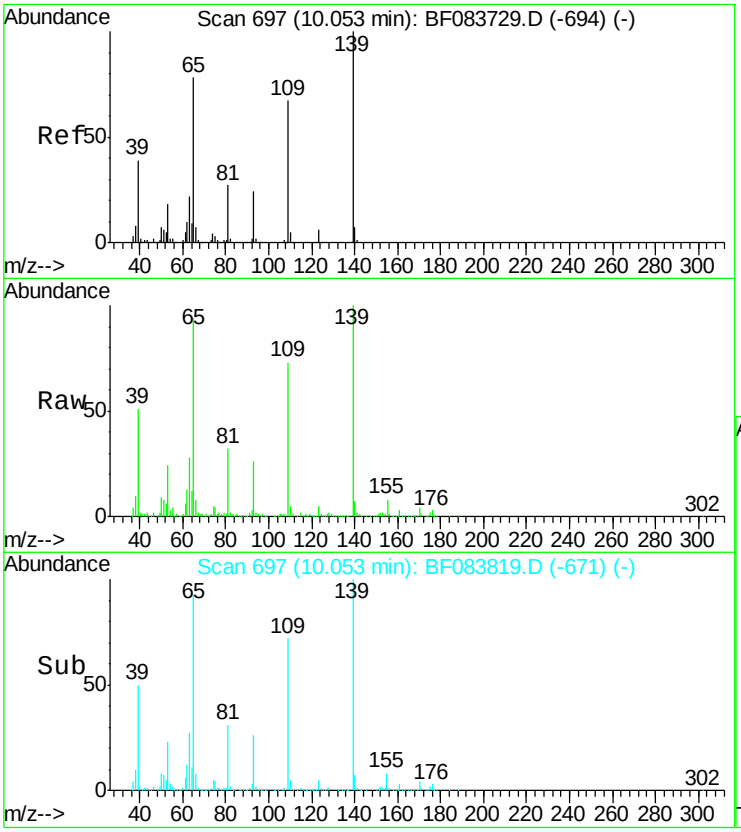




#54
Dibenzofuran
Concen: 43.33 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:168 Resp: 635456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.3 | 28.0 | 42.0# |
| 169 | 14.8 | 10.8 | 16.2 |



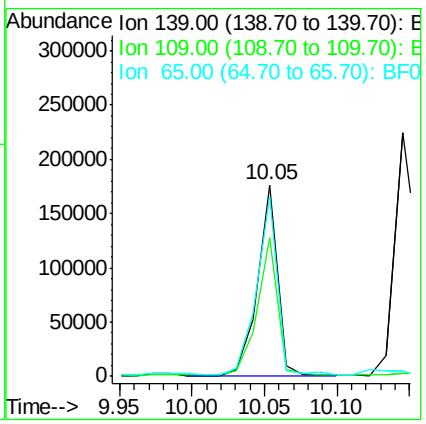


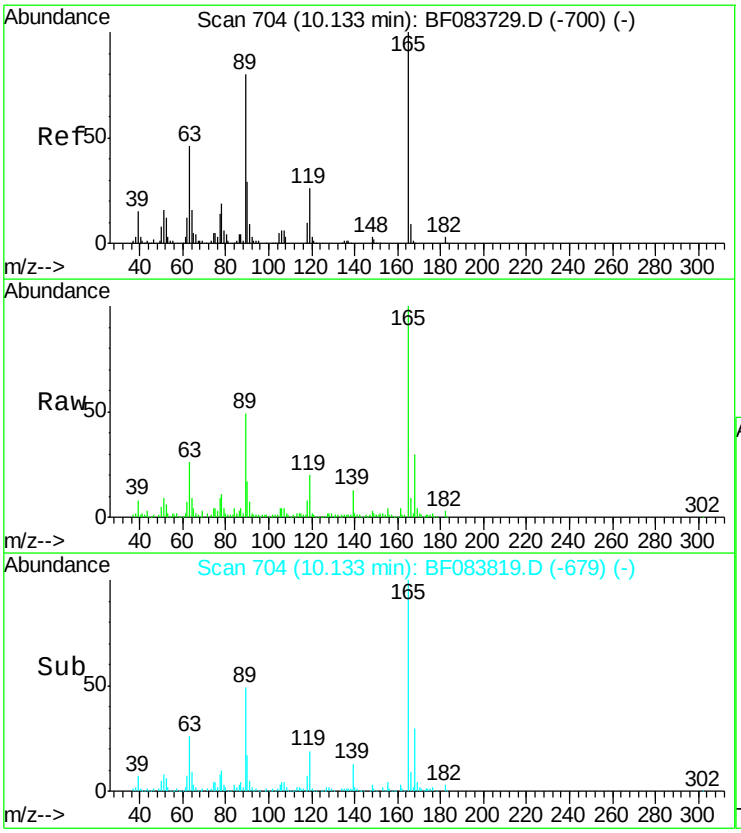

#55
4-Nitrophenol
Concen: 71.84 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:139 Resp: 168784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.6 | 42.0 | 82.0 |
| 65 | 93.8 | 89.2 | 129.2 |

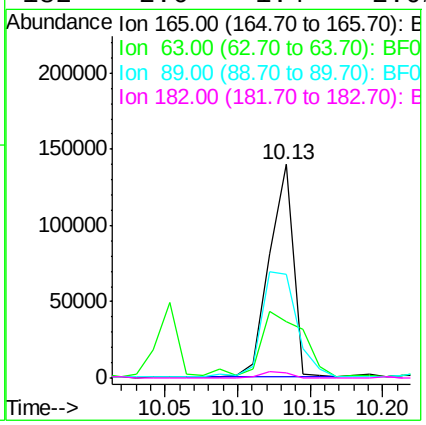


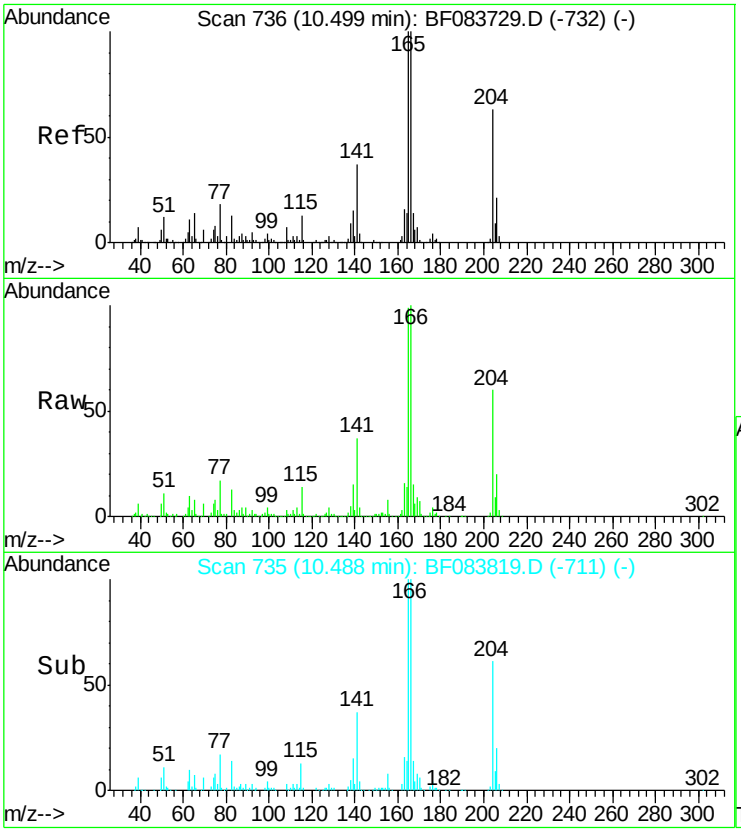




#56
2,4-Dinitrotoluene
Concen: 44.82 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:165 Resp: 161145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 26.2 | 51.4 | 77.2# |
| 89 | 48.8 | 72.6 | 108.8# |
| 182 | 2.6 | 1.4 | 2.0# |



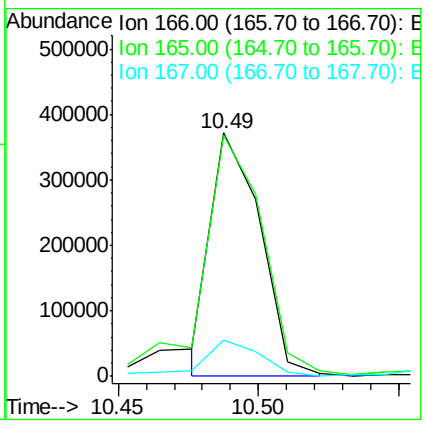


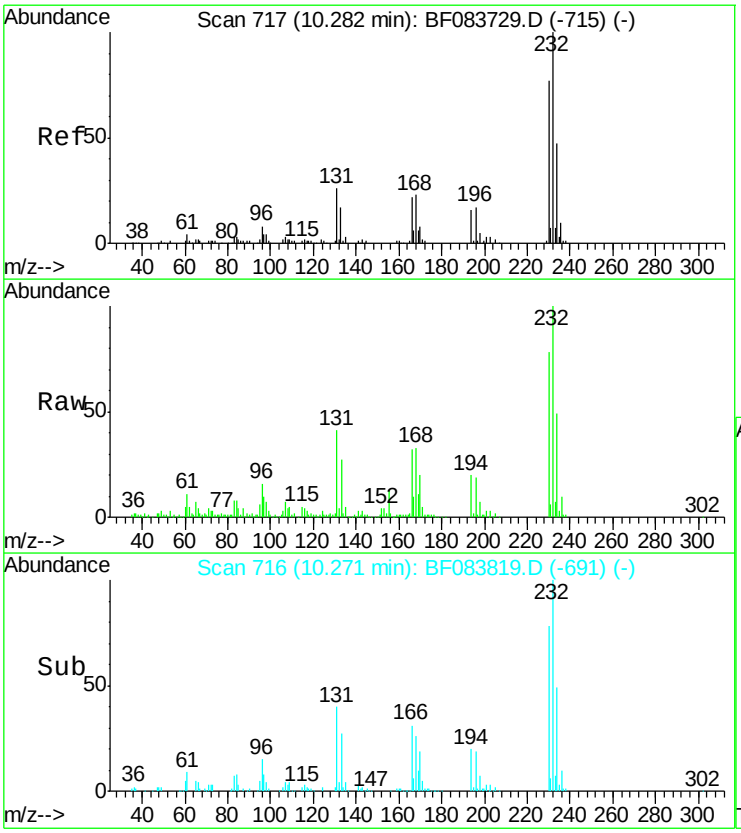

#57
Fluorene
Concen: 39.71 ng m
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:166 Resp: 458547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.9 | 80.0 | 120.0 |
| 167 | 14.7 | 10.6 | 16.0 |

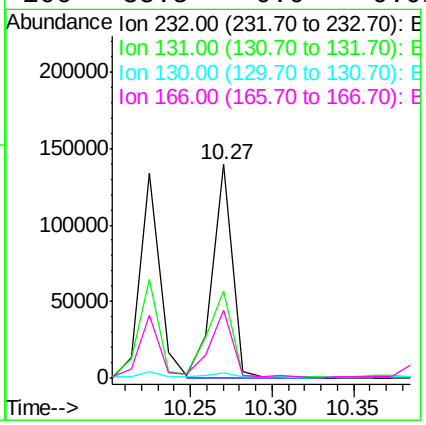


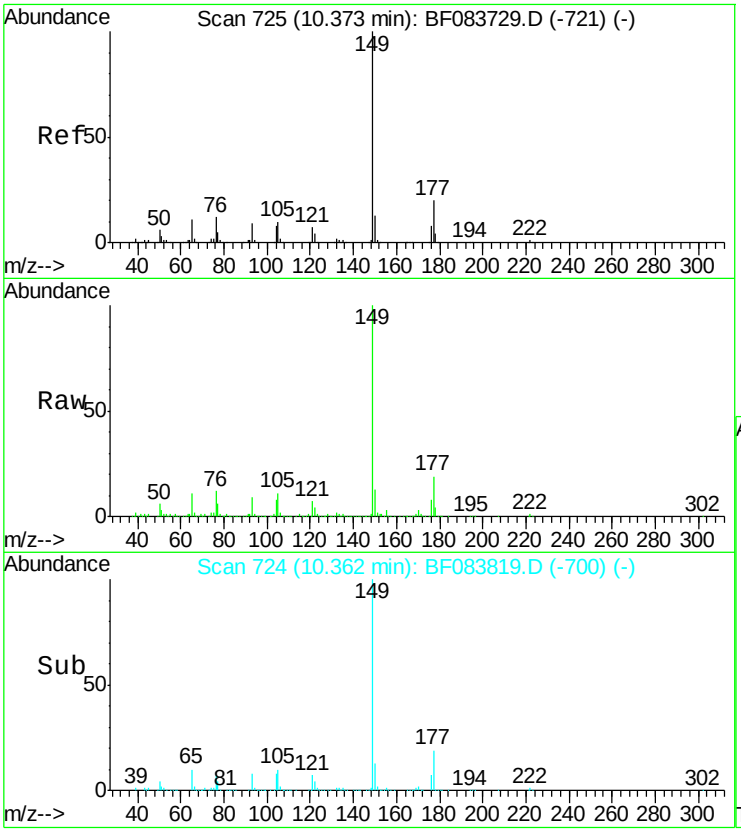




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.38 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:232 Resp: 118509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.1 | 0.0 | 0.0# |
| 130 | 3.2 | 0.0 | 0.0# |
| 166 | 35.5 | 0.0 | 0.0# |



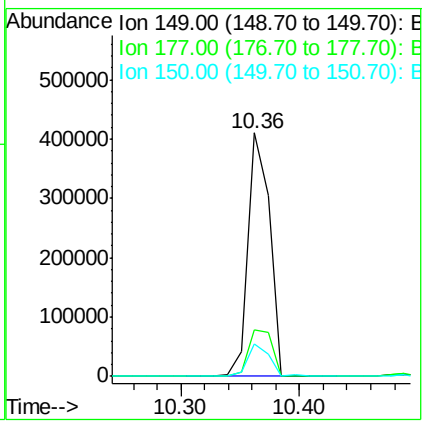


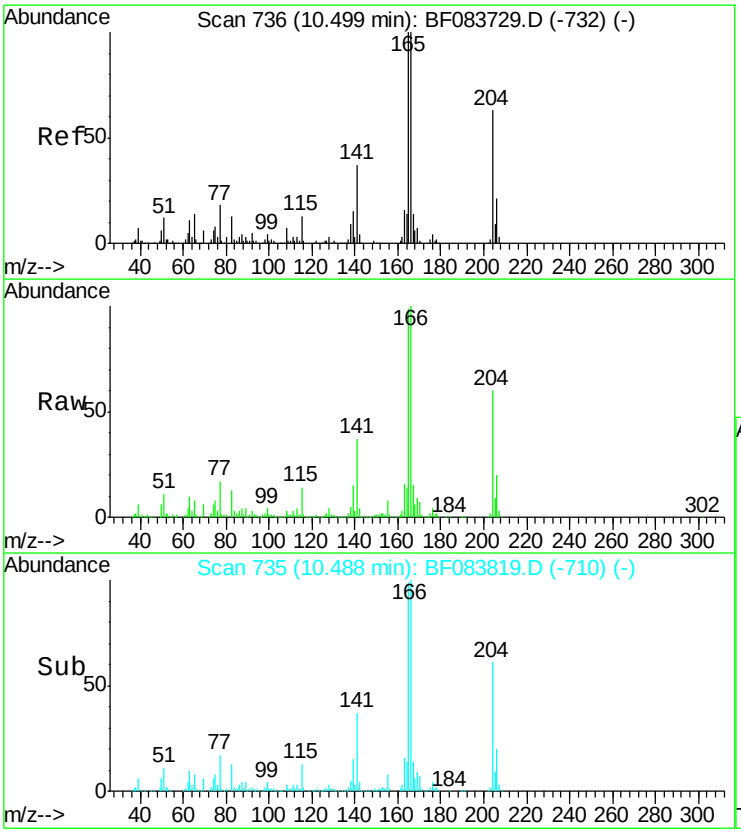

#59
Diethylphthalate
Concen: 39.66 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:149 Resp: 520694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.1 | 16.9 | 25.3 |
| 150 | 13.2 | 10.2 | 15.4 |

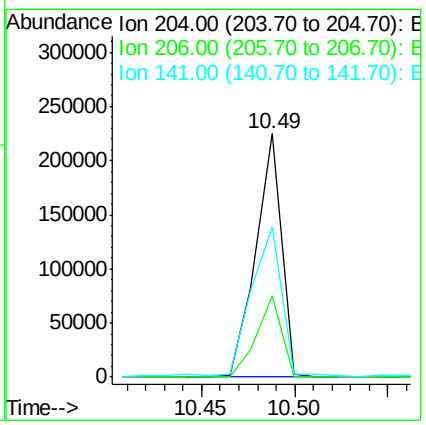


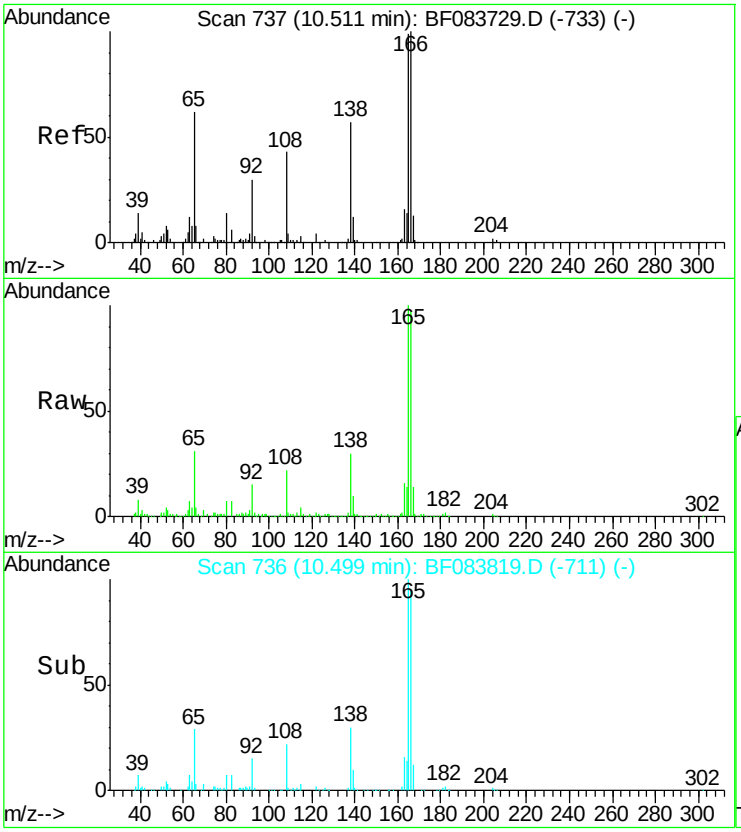




#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:204 Resp: 213609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 27.3 | 40.9 |
| 141 | 61.5 | 51.9 | 77.9 |



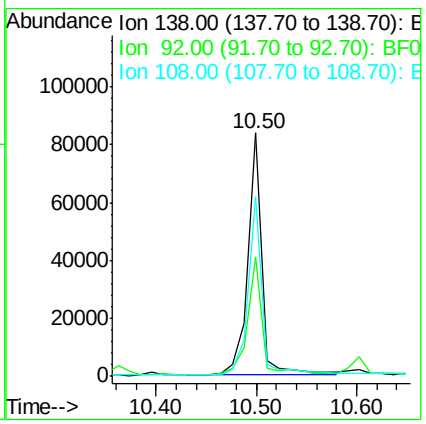


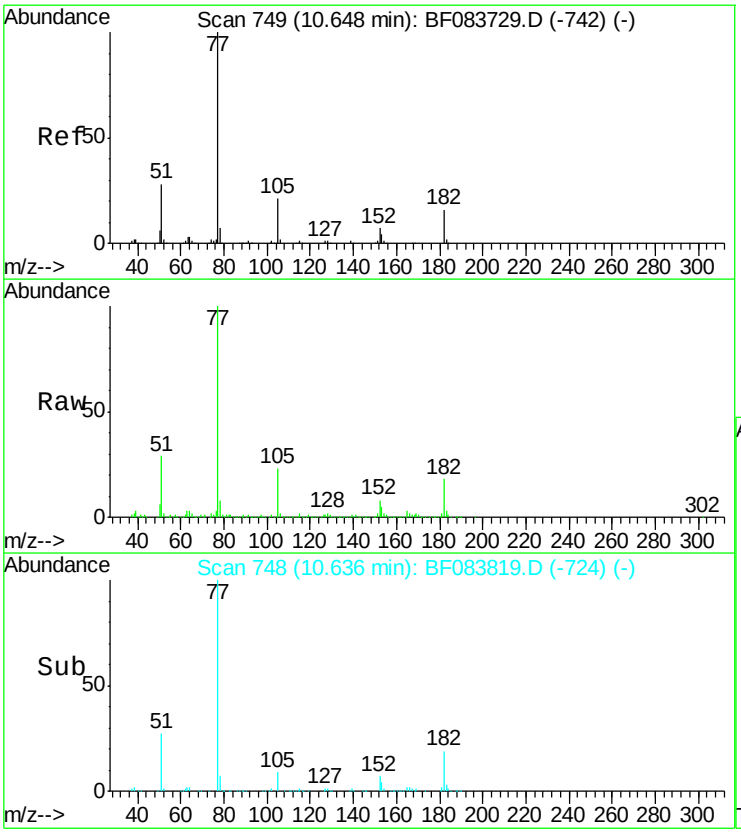

#61
4-Nitroaniline
Concen: 29.54 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:138 Resp: 82603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.3 | 29.0 | 69.0 |
| 108 | 73.9 | 47.4 | 87.4 |

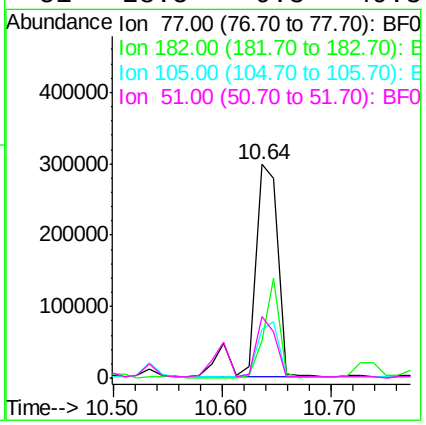


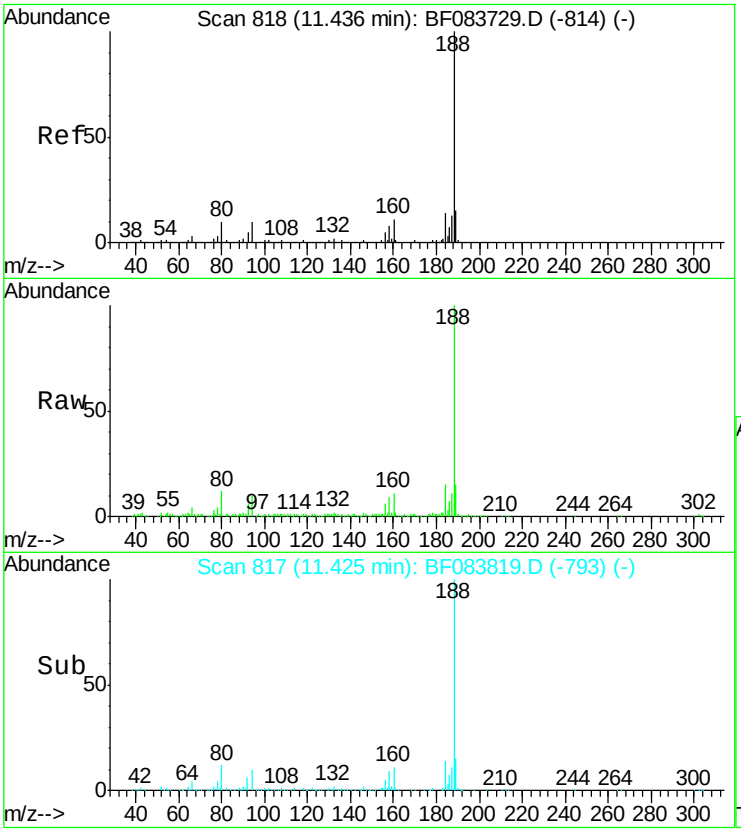




#62
Azobenzene
Concen: 38.31 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 77 Resp: 458476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 17.6 | 2.5 | 42.5 |
| 105 | 22.6 | 2.1 | 42.1 |
| 51 | 28.5 | 9.3 | 49.3 |



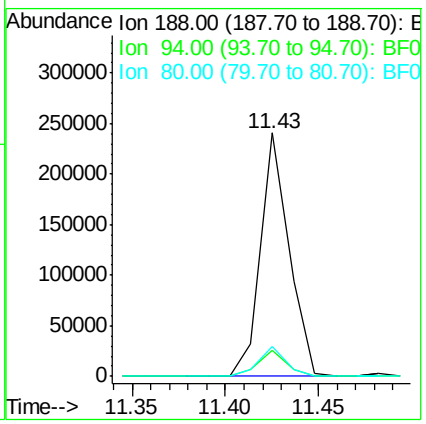


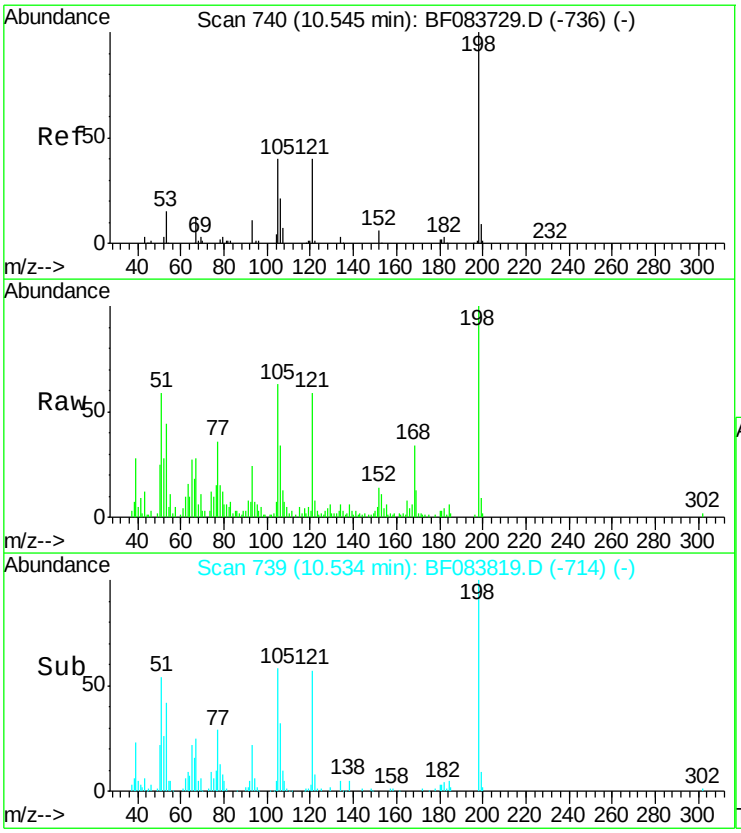

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:188 Resp: 254321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 9.4 | 14.2 |
| 80 | 12.2 | 10.6 | 16.0 |

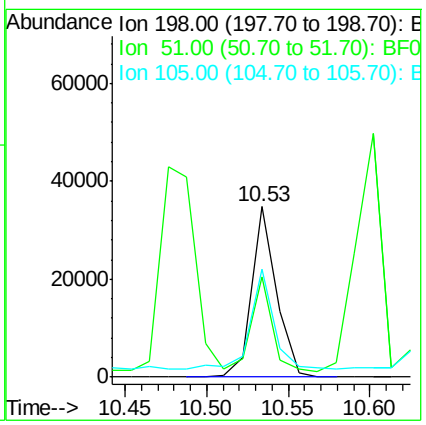


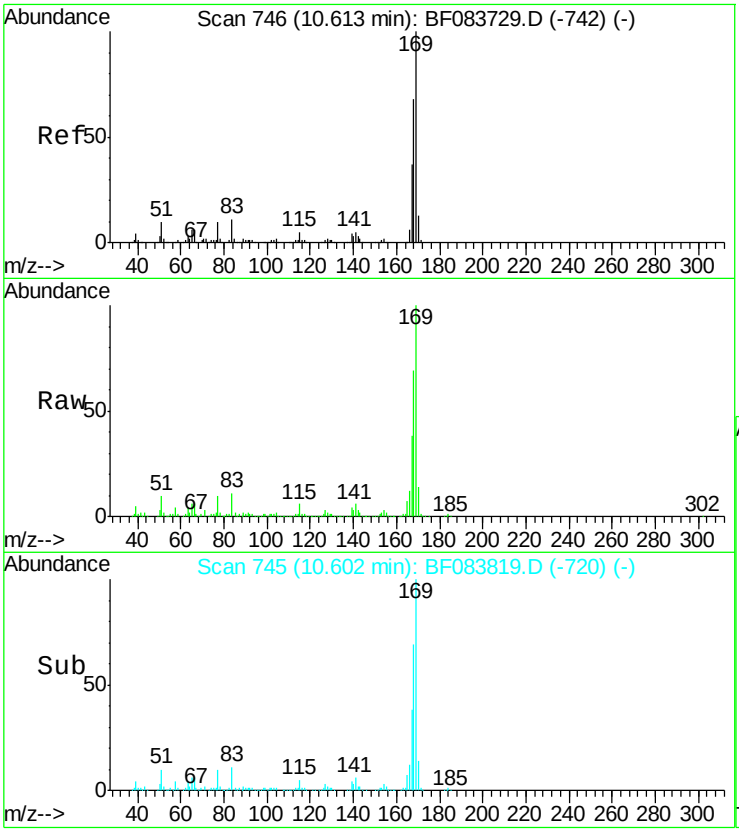




#64
4,6-Dinitro-2-methylphenol
Concen: 25.30 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:198 Resp: 36607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.5 | 53.8 | 93.8 |
| 105 | 63.3 | 38.6 | 78.6 |



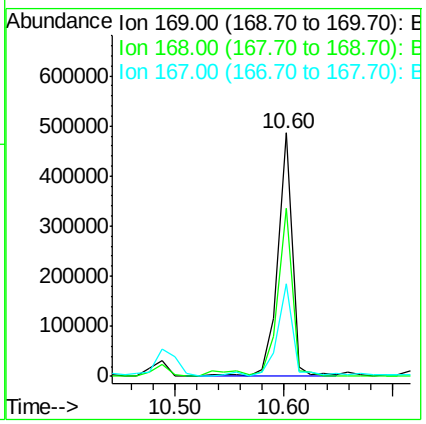


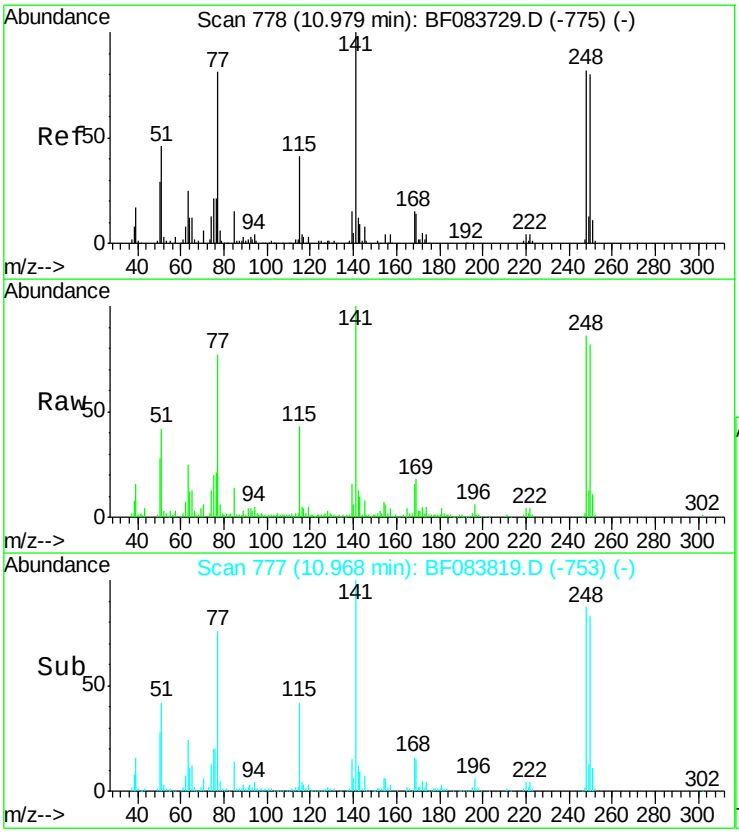

#65
n-Nitrosodiphenylamine
Concen: 51.75 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:169 Resp: 450083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.9 | 53.0 | 79.6 |
| 167 | 38.2 | 29.3 | 43.9 |

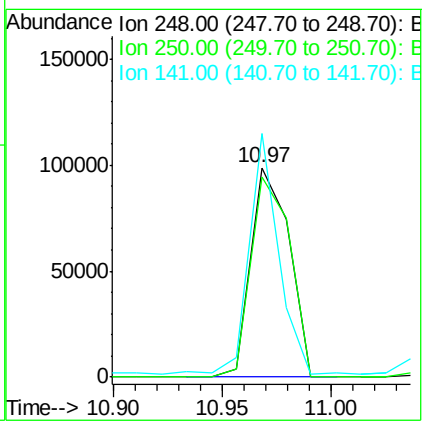


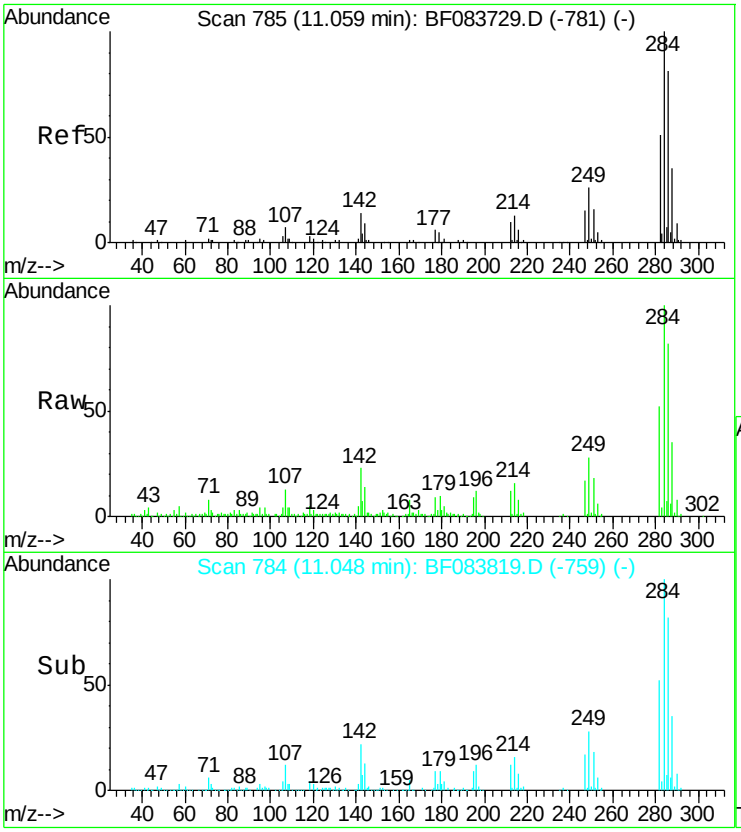




#66
4-Bromophenyl-phenylether
Concen: 42.78 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:248 Resp: 121659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.2 | 79.2 | 118.8 |
| 141 | 116.1 | 58.2 | 87.4# |



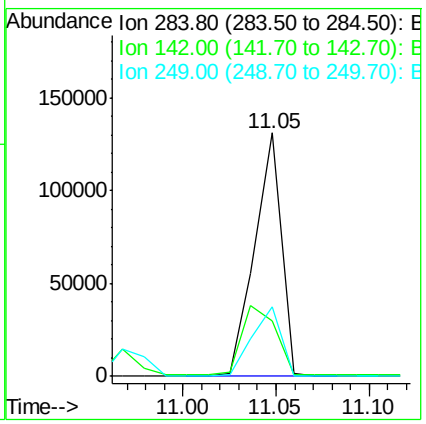


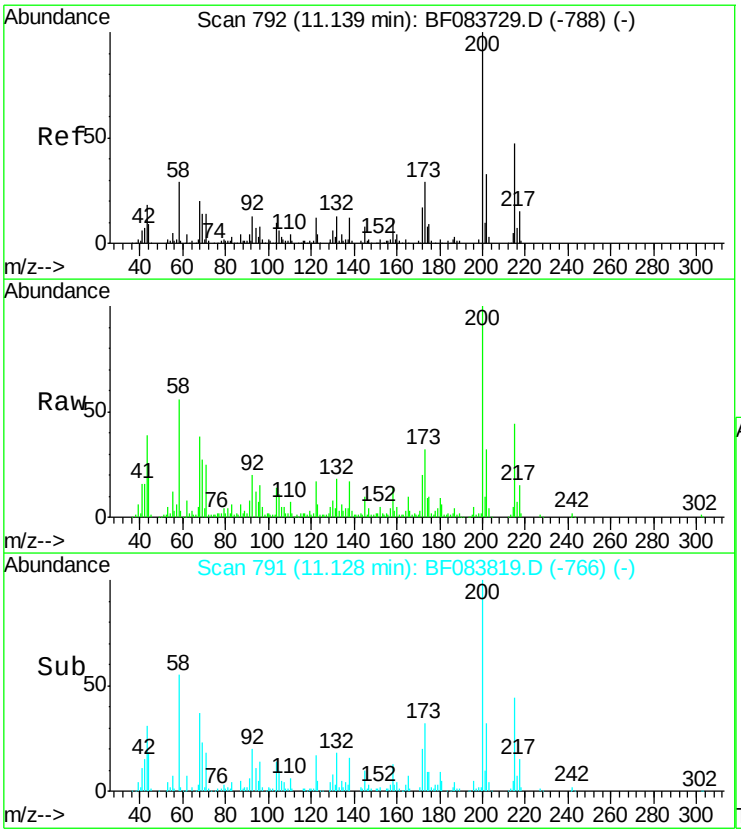

#67
Hexachlorobenzene
Concen: 42.38 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:284 Resp: 130399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.9 | 31.0 | 46.4# |
| 249 | 28.4 | 26.9 | 40.3 |

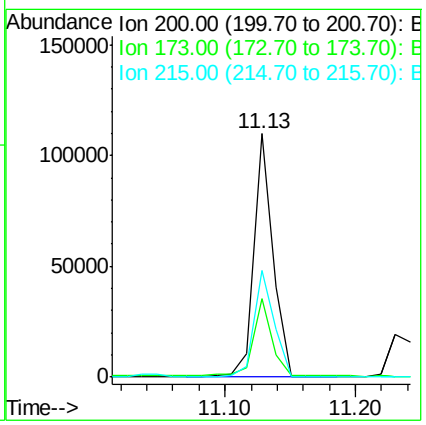


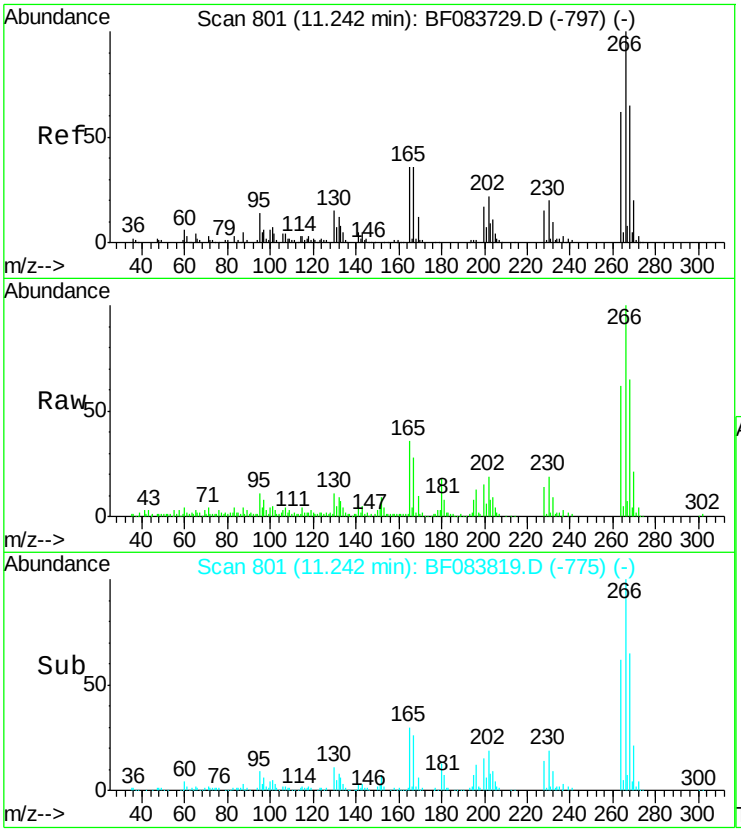




#68
Atrazine
Concen: 45.56 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:200 Resp: 112744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 32.2 | 7.8 | 47.8 |
| 215 | 43.9 | 25.7 | 65.7 |



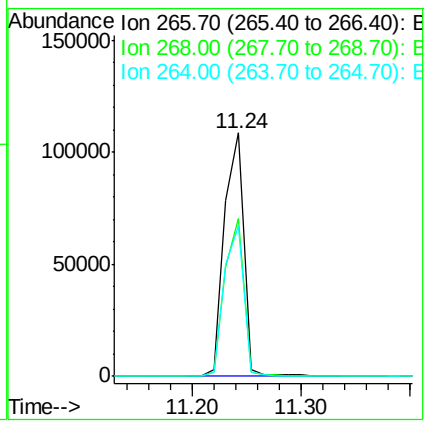


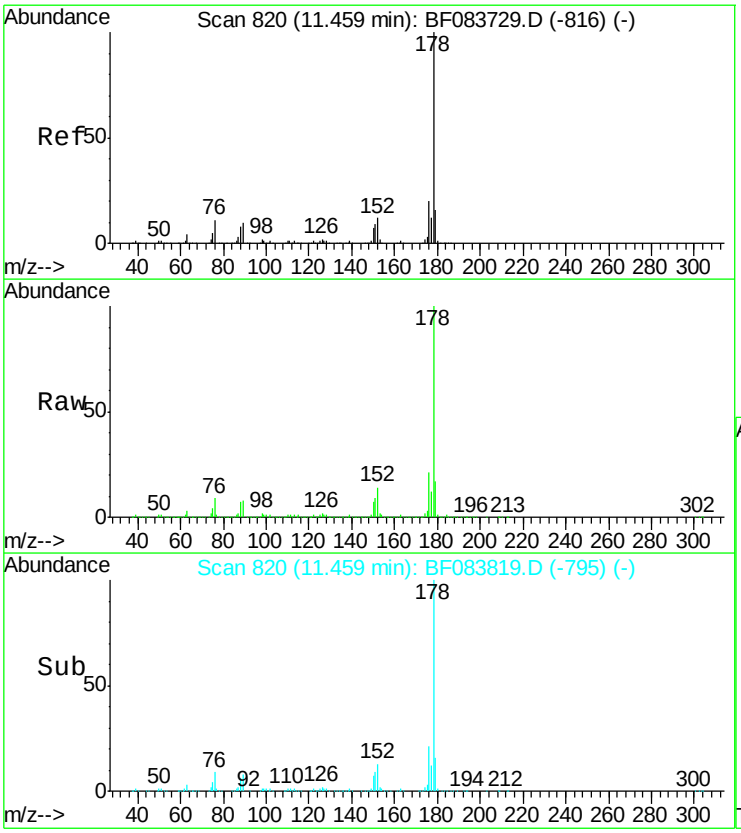

#69
Pentachlorophenol
Concen: 77.64 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:266 Resp: 134744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.9 | 50.2 | 75.2 |
| 264 | 61.9 | 51.4 | 77.2 |

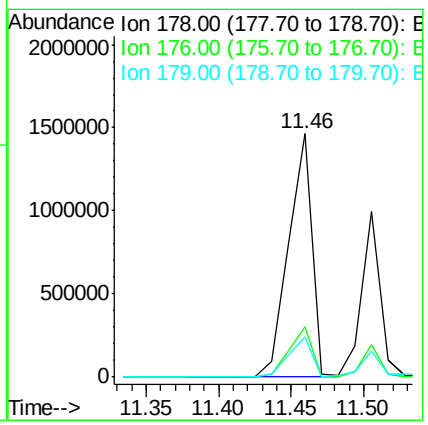


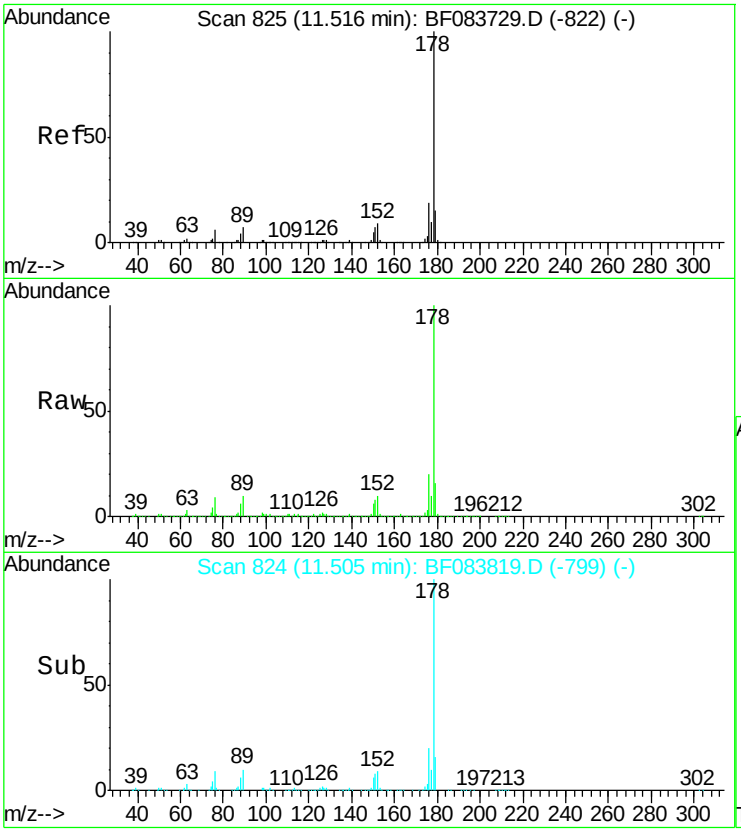




#70
Phenanthrene
Concen: 120.70 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:178 Resp: 1630732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.8 | 15.7 | 23.5 |
| 179 | 16.6 | 12.2 | 18.4 |



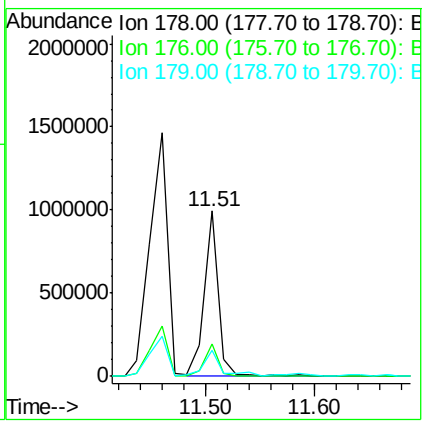


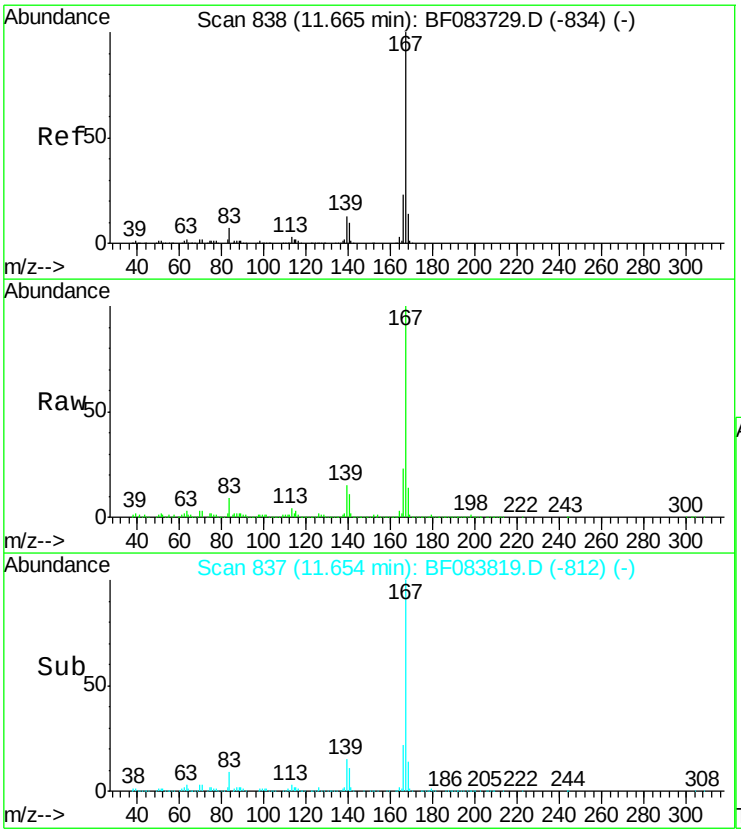

#71
Anthracene
Concen: 64.41 ng
RT: 11.51 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:178 Resp: 903819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.2 | 22.8 |
| 179 | 16.0 | 12.6 | 18.8 |

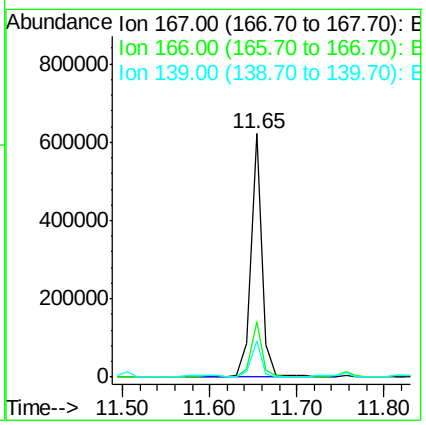


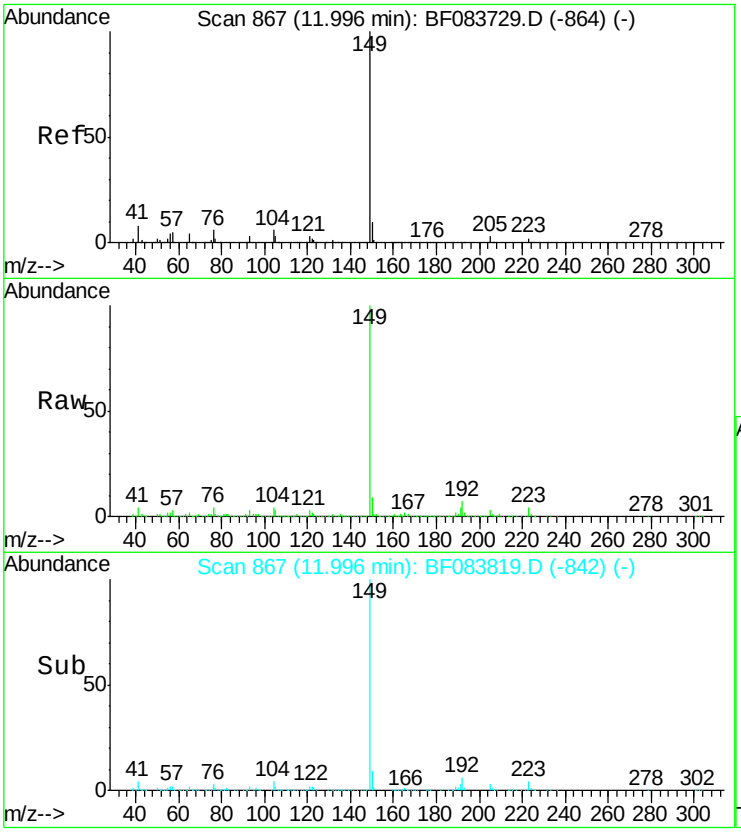




#72
Carbazole
Concen: 42.11 ng
RT: 11.65 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:167 Resp: 550499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.6 | 17.2 | 25.8 |
| 139 | 14.7 | 9.3 | 13.9# |



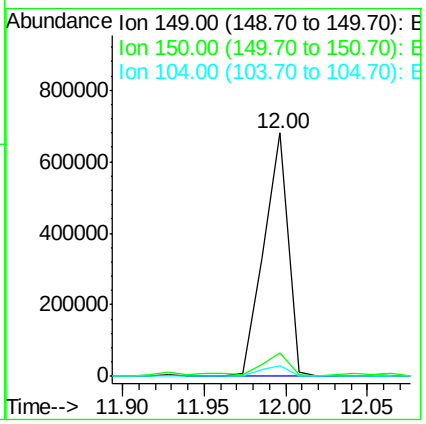


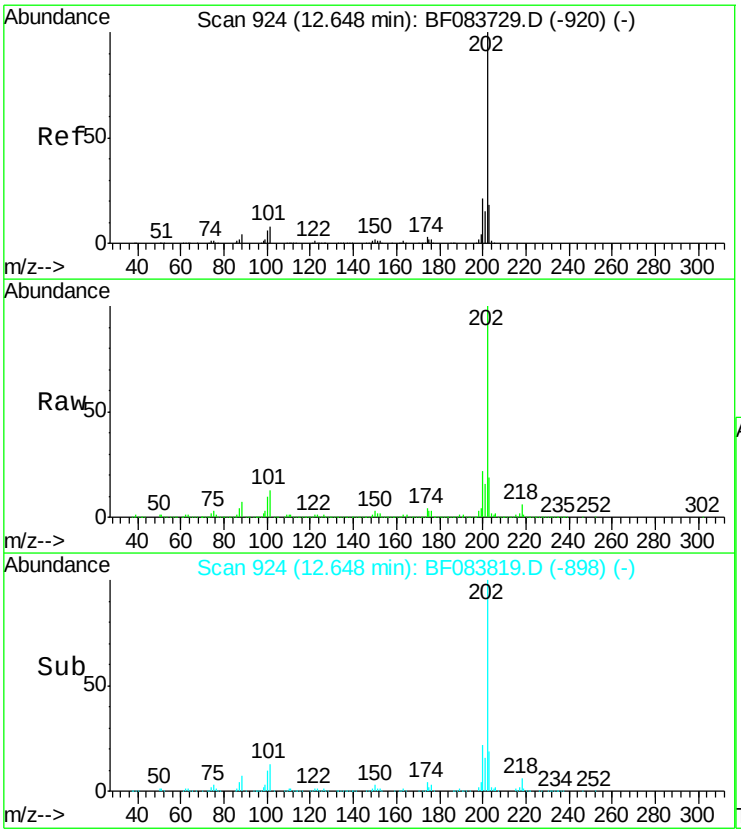

#73
Di-n-butylphthalate
Concen: 44.30 ng
RT: 12.00 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:149 Resp: 703302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.3 | 3.9 | 5.9 |

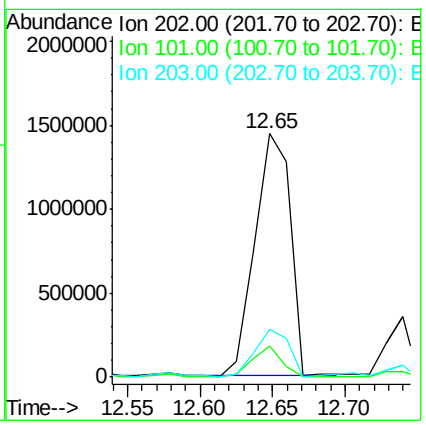


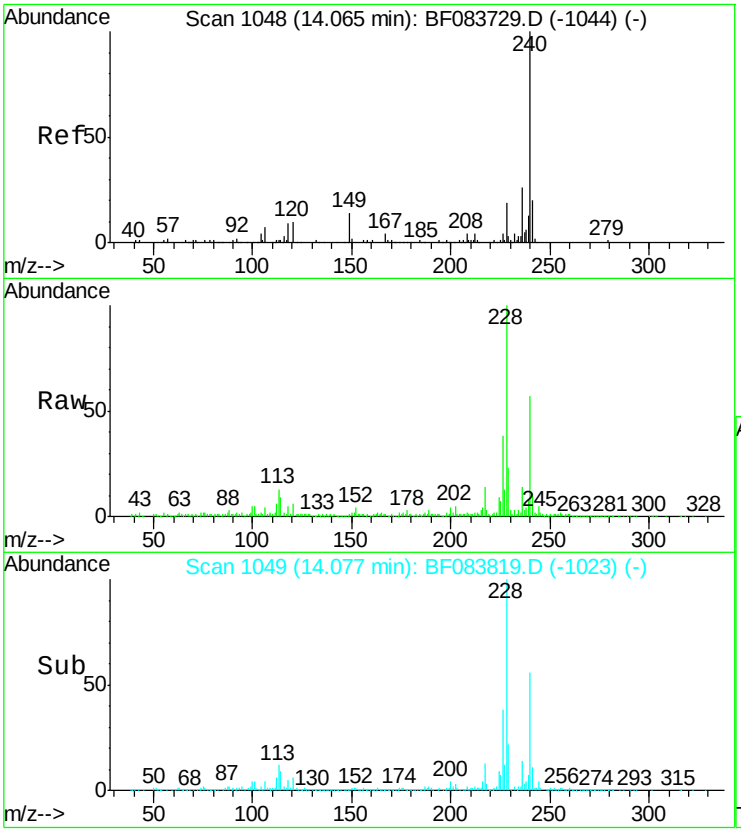




#74
Fluoranthene
Concen: 173.96 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:202 Resp: 2428478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.9 | 0.0 | 31.5 |
| 203 | 19.5 | 0.0 | 37.6 |



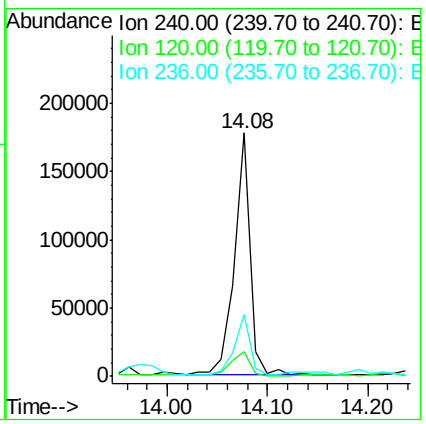


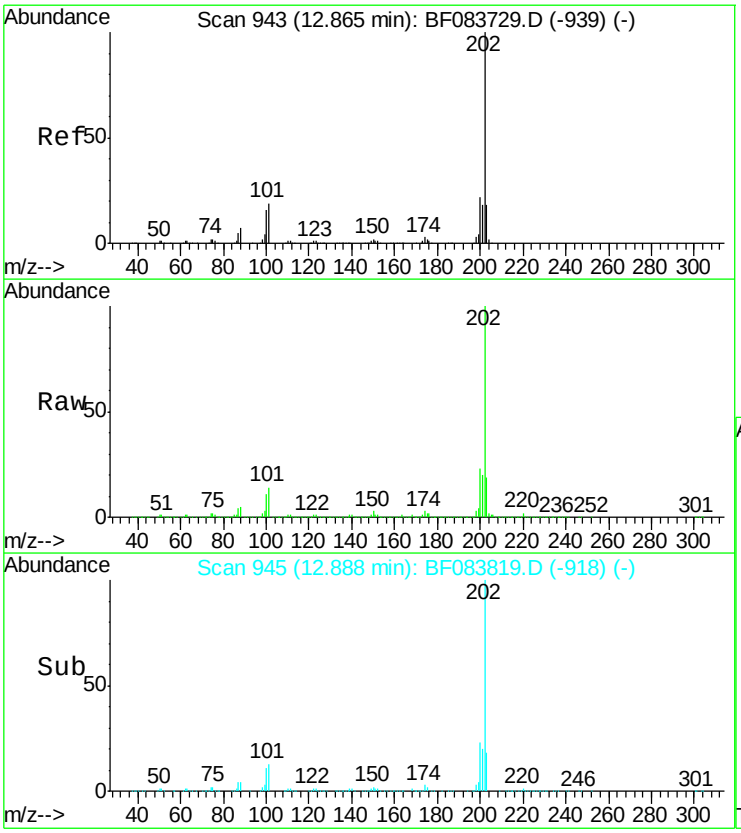

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:240 Resp: 193000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 8.1 | 12.1 |
| 236 | 25.5 | 20.8 | 31.2 |

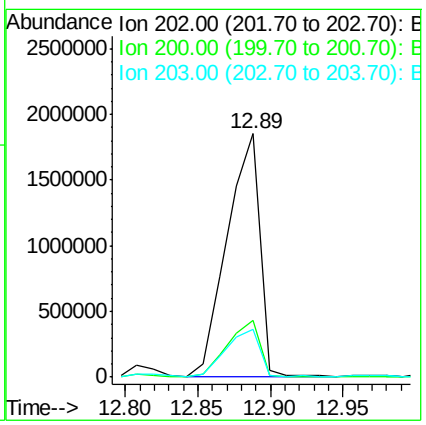


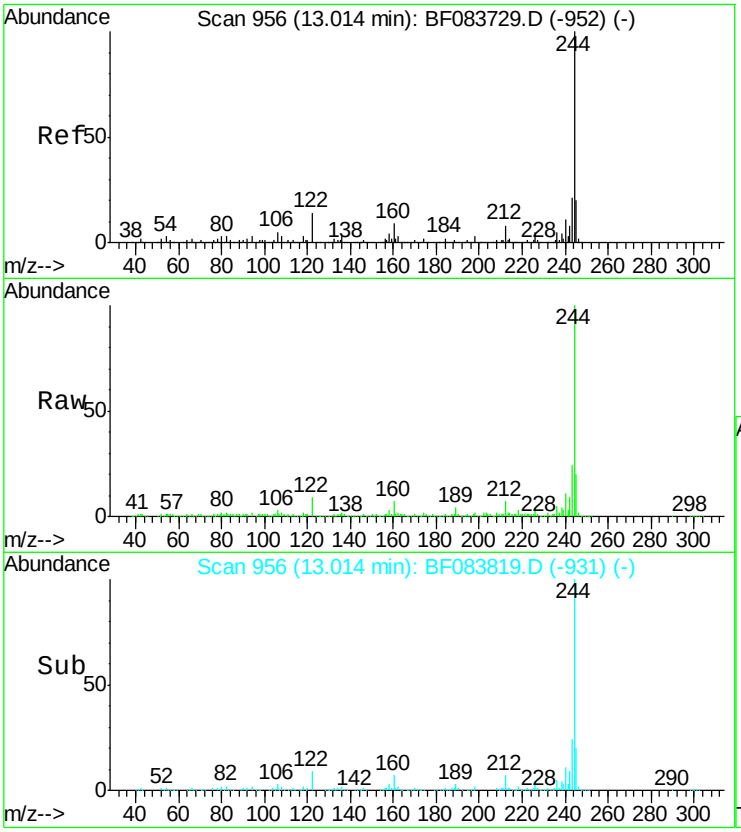




#77
Pyrene
Concen: 189.62 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:202 Resp: 2892539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.4 | 16.7 | 25.1 |
| 203 | 19.5 | 14.3 | 21.5 |



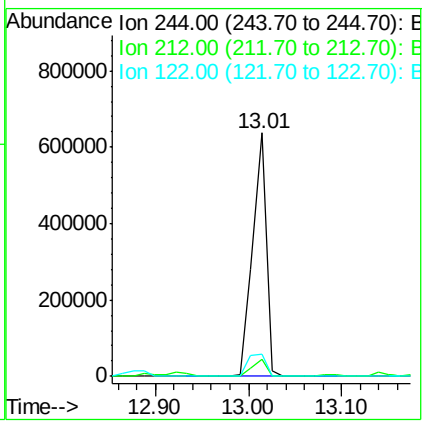


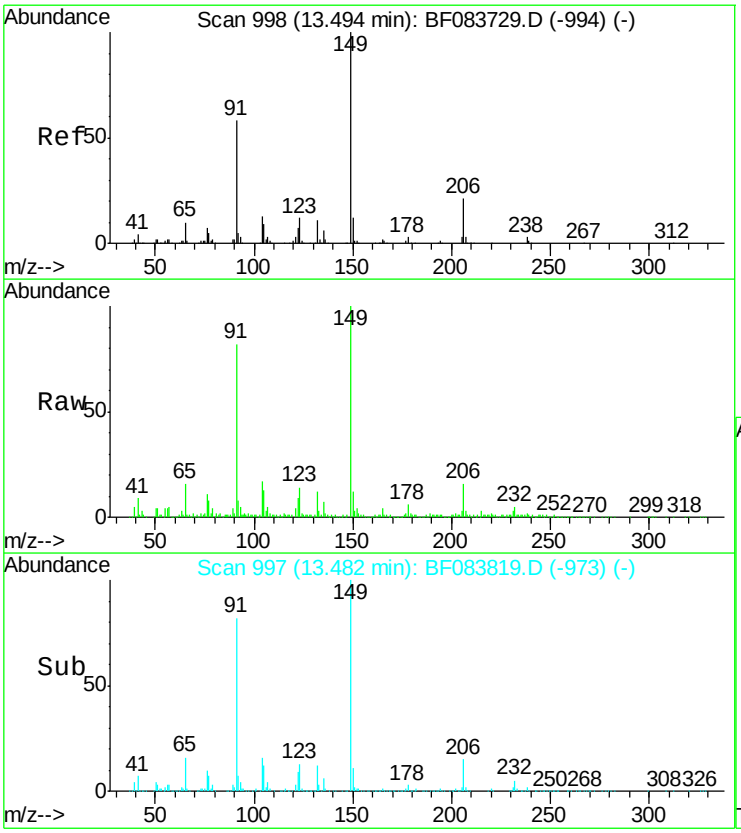

#78
Terphenyl-d14
Concen: 71.72 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:244 Resp: 643492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 6.1 | 9.1 |
| 122 | 9.1 | 11.0 | 16.6# |

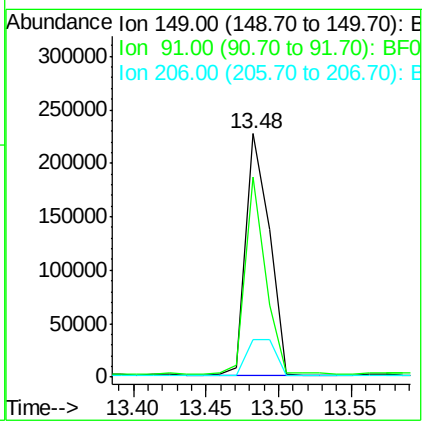


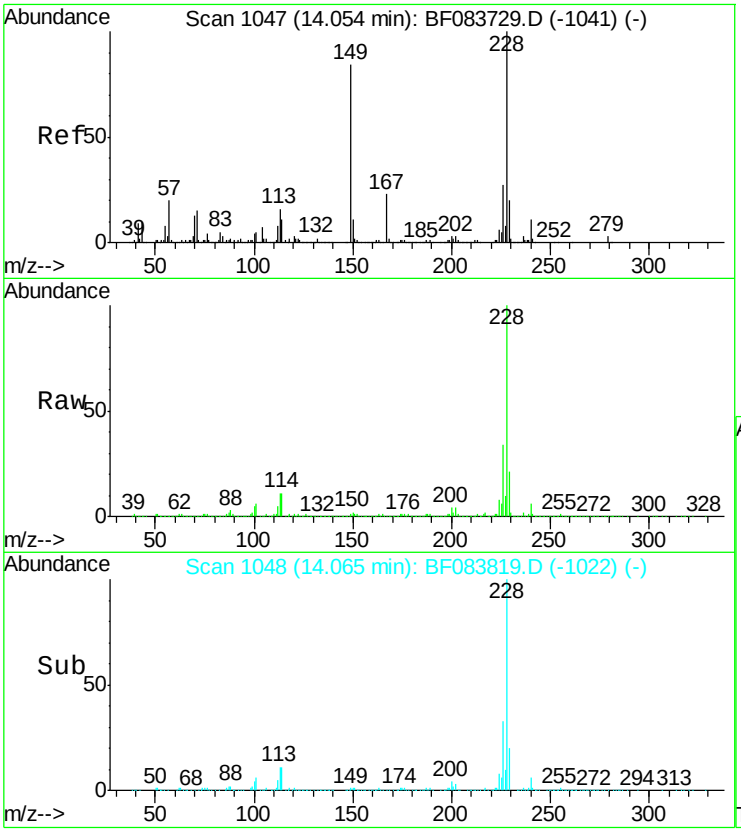




#79
Butylbenzylphthalate
Concen: 38.88 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:149 Resp: 254559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.3 | 60.0 | 90.0 |
| 206 | 15.5 | 16.2 | 24.4# |



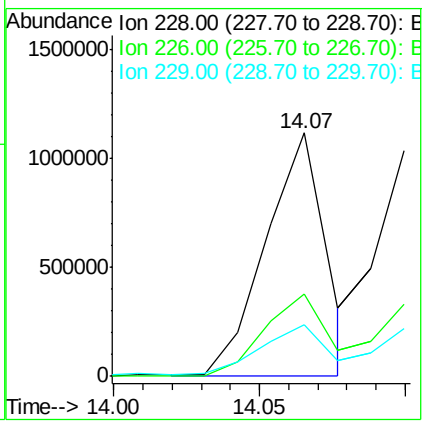


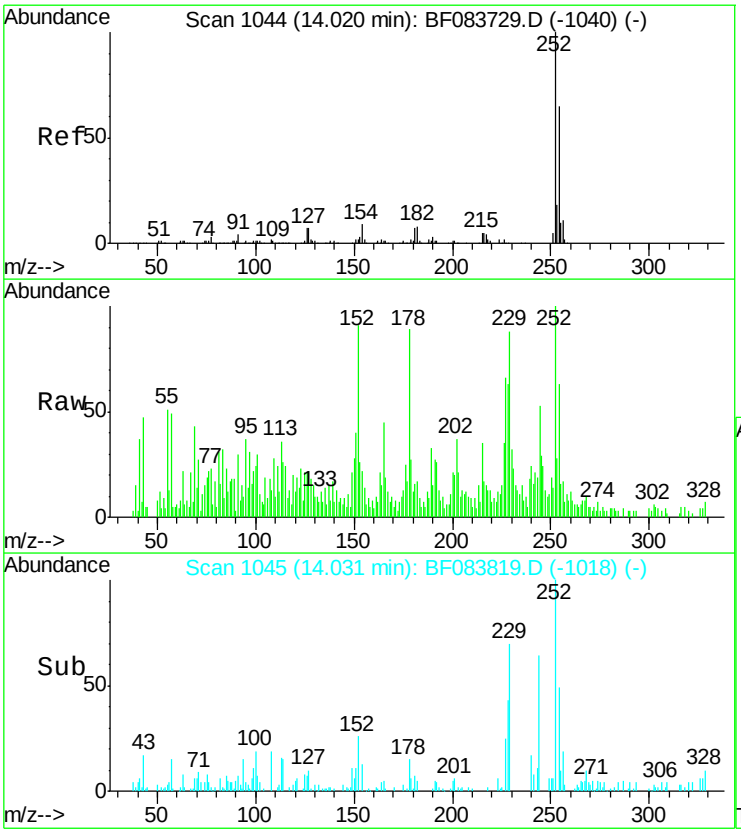

#80
Benzo(a)anthracene
Concen: 146.36 ng m
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:228 Resp: 1606203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.6 | 22.3 | 33.5# |
| 229 | 21.1 | 15.7 | 23.5 |

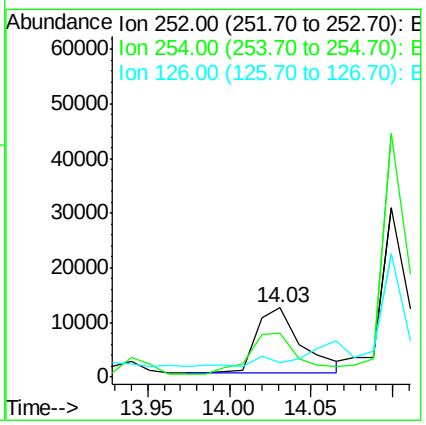


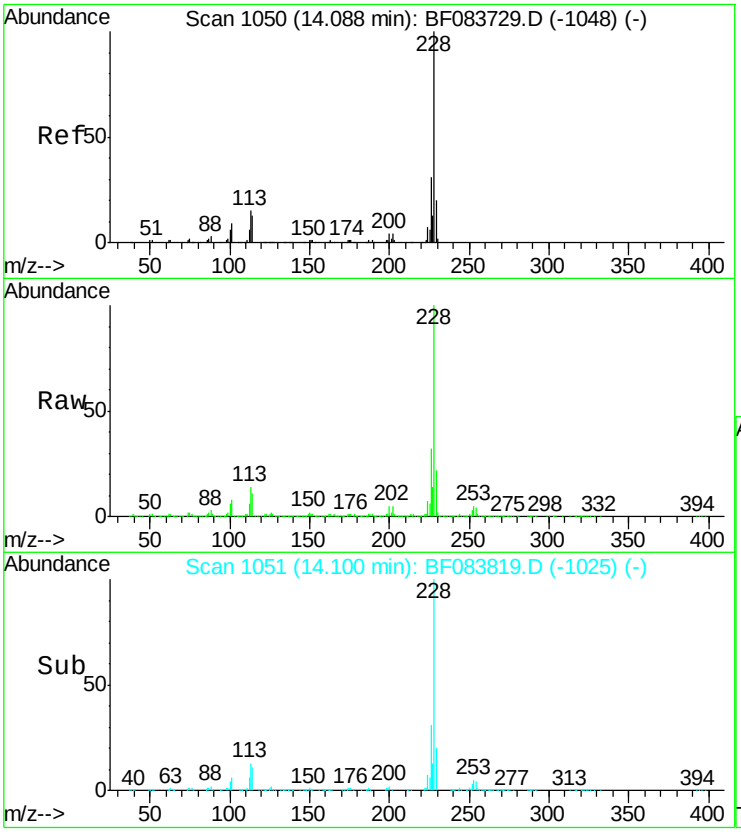




#81
3,3'-Dichlorobenzidine
Concen: 5.81 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:252 Resp: 22995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.0 | 50.6 | 76.0 |
| 126 | 21.3 | 11.0 | 16.4# |



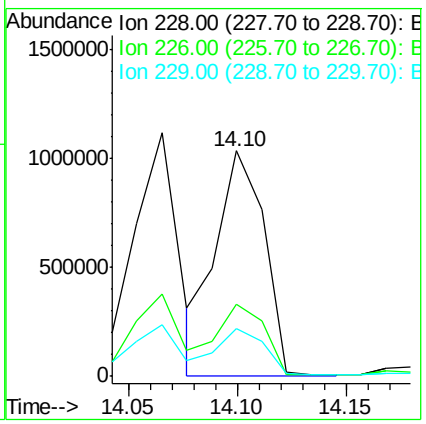


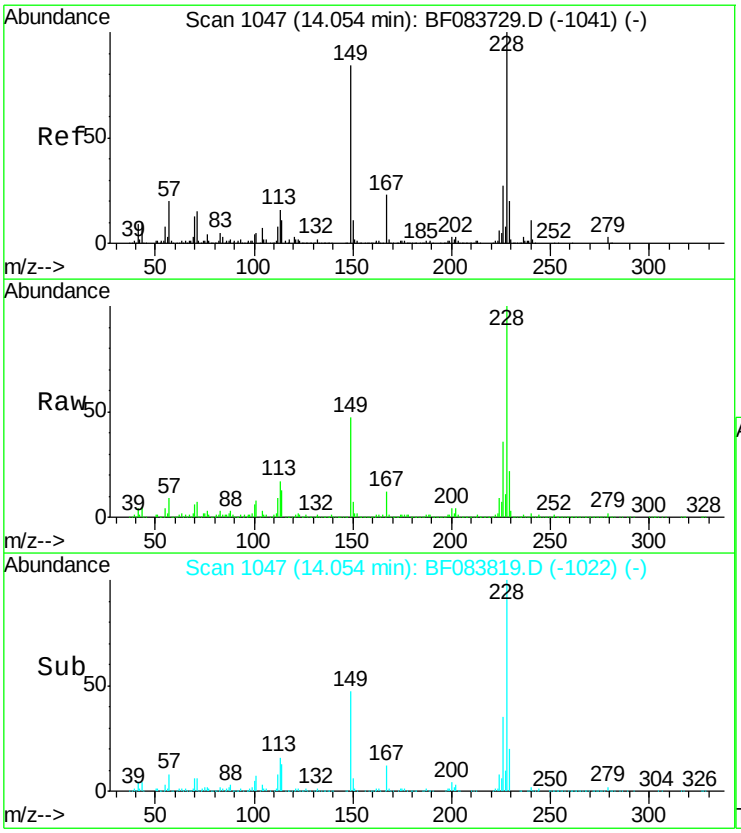

#82
Chrysene
Concen: 148.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:228 Resp: 1584215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.0 | 24.7 | 37.1 |
| 229 | 21.5 | 16.3 | 24.5 |

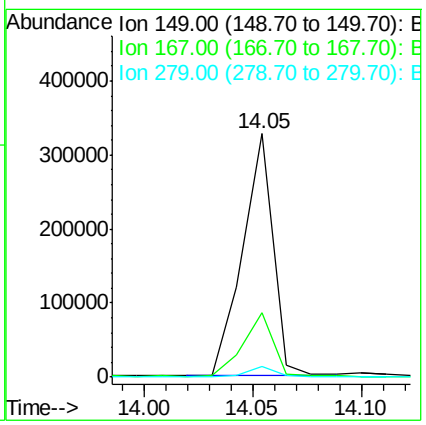


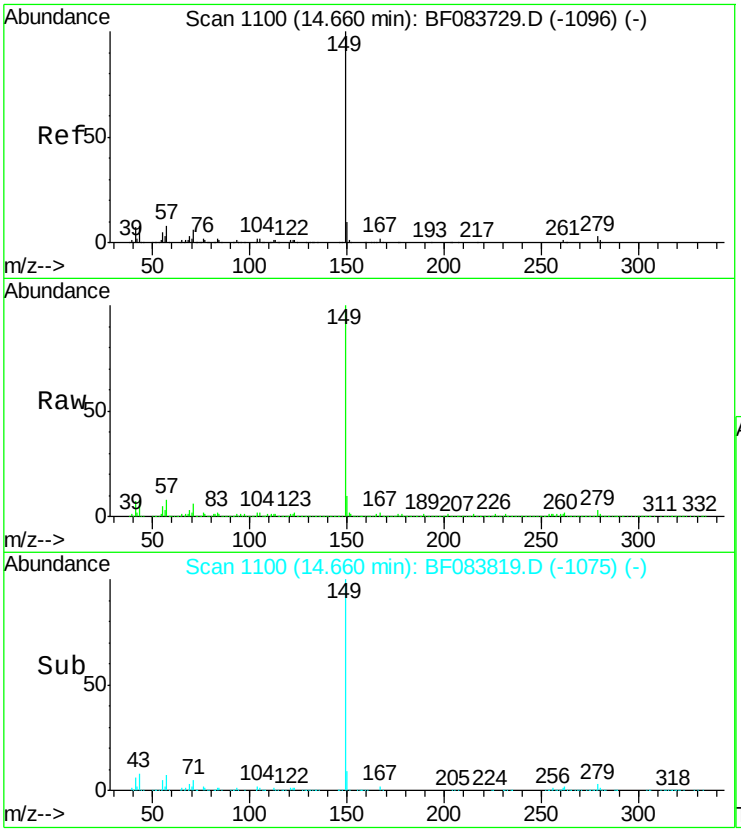




#83
Bis(2-ethylhexyl)phthalate
Concen: 42.93 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:149 Resp: 319907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 21.8 | 32.8 |
| 279 | 4.2 | 3.0 | 4.4 |



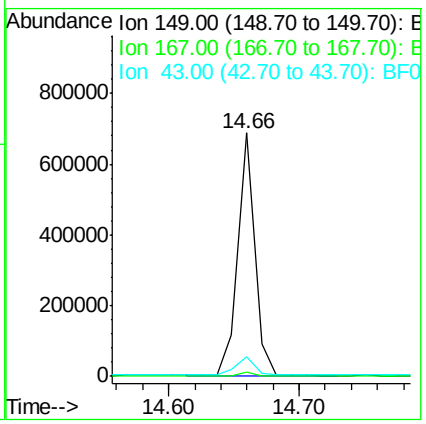


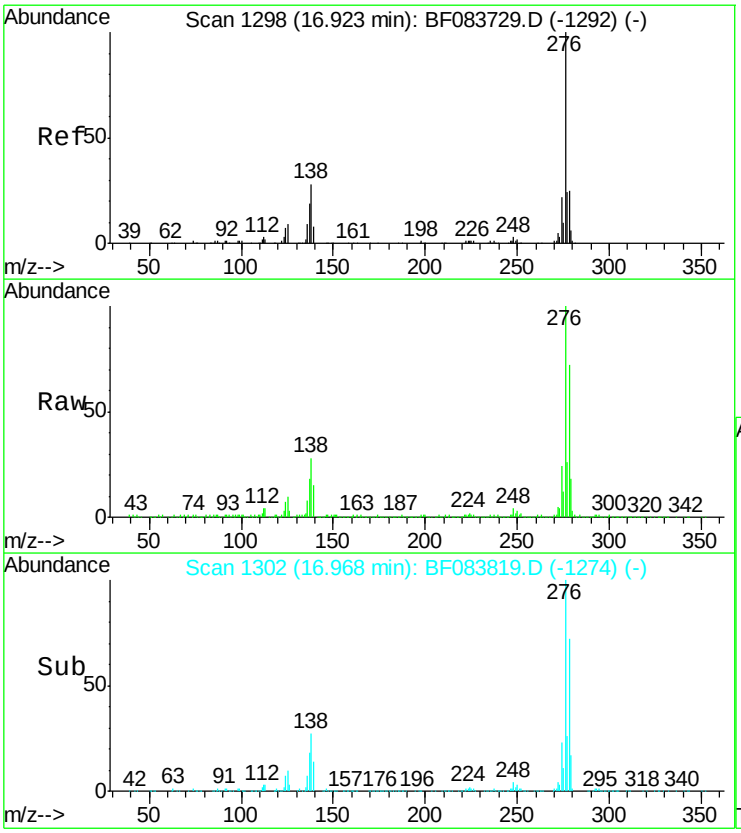

#84
Di-n-octyl phthalate
Concen: 51.95 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:149 Resp: 615131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 0.0 | 0.0# |
| 43 | 8.8 | 0.0 | 0.0# |

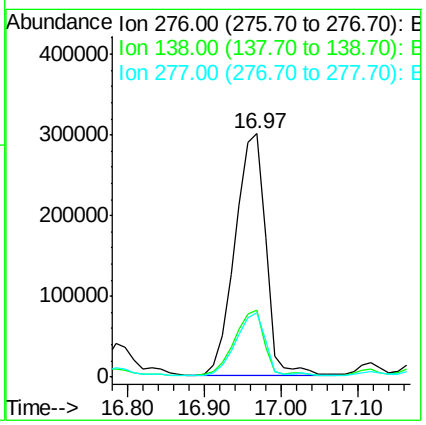


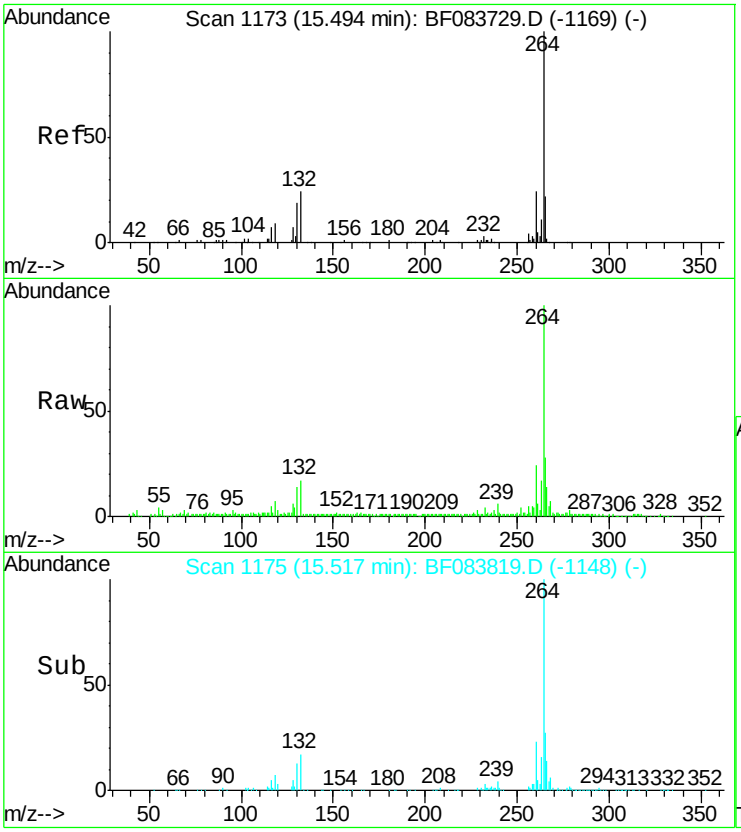




#85
Indeno(1,2,3-cd)pyrene
Concen: 79.33 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:276 Resp: 834013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.8 | 0.0 | 0.0# |
| 277 | 24.4 | 0.0 | 0.0# |



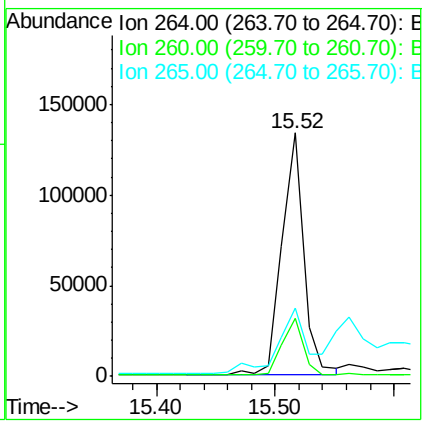


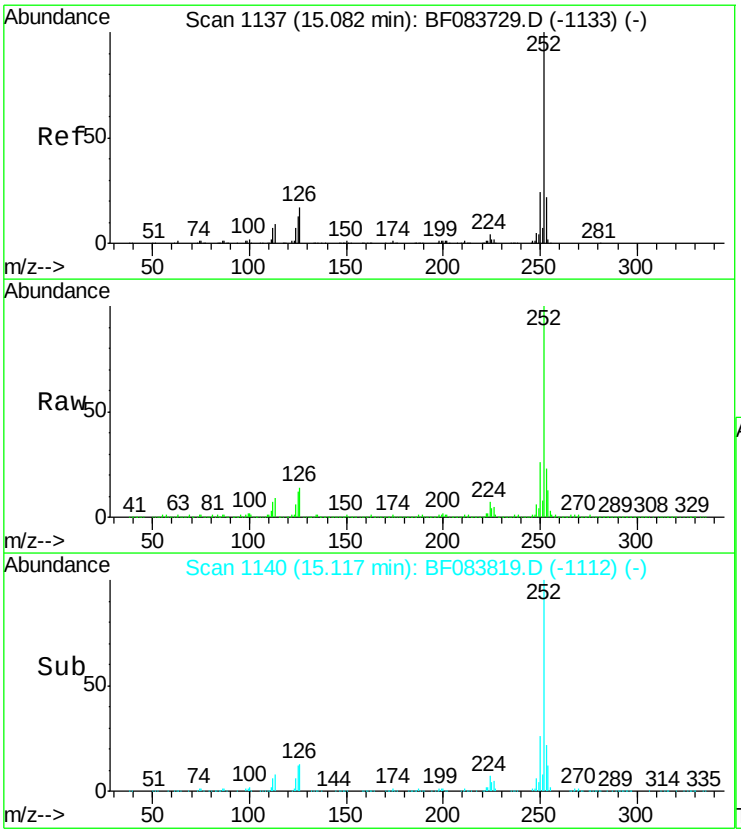

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:264 Resp: 170240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.4 | 29.0 |
| 265 | 28.1 | 17.8 | 26.6# |

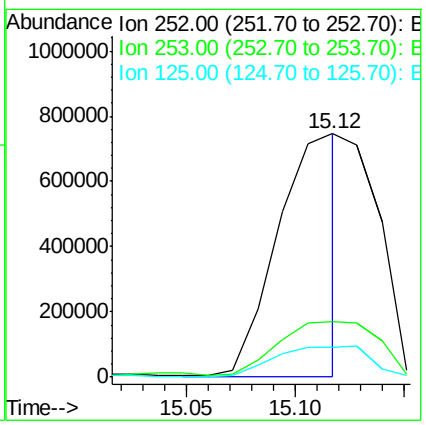


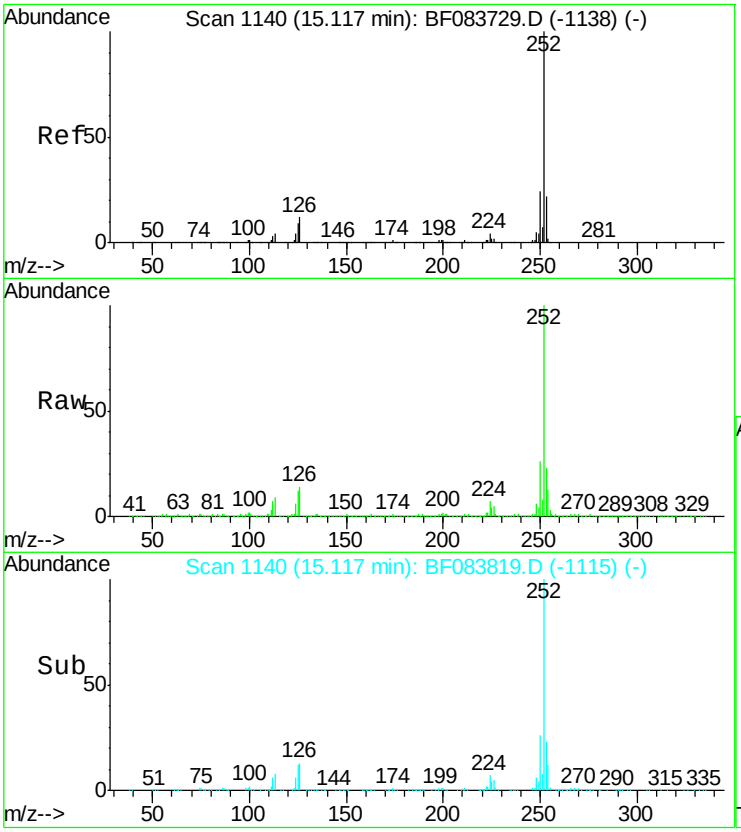




#87
Benzo(b)fluoranthene
Concen: 139.08 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:252 Resp: 1510480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.2 | 27.4 |
| 125 | 12.4 | 8.2 | 12.4# |



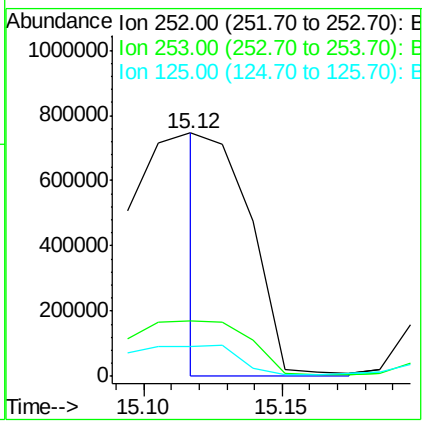


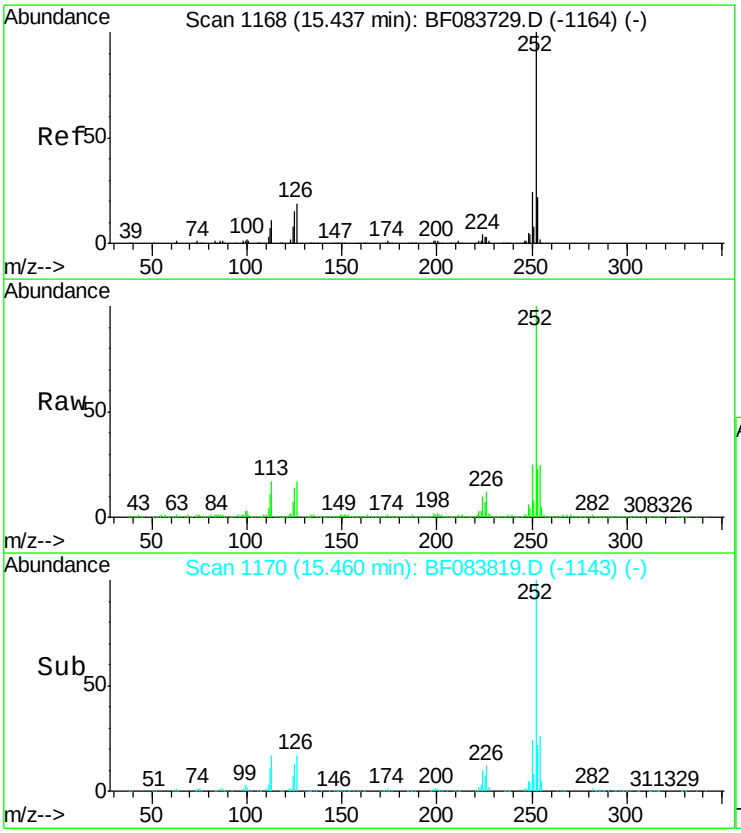

#88
Benzo(k)fluoranthene
Concen: 85.80 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:252 Resp: 844340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.6 | 27.8 |
| 125 | 12.4 | 11.5 | 17.3 |

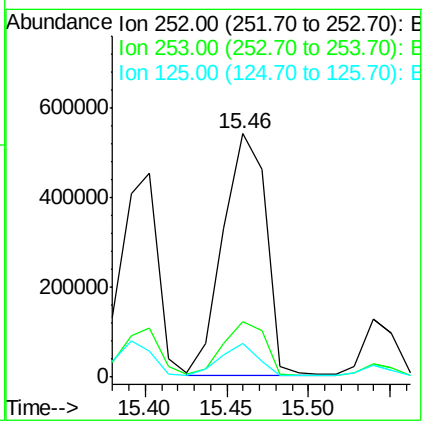


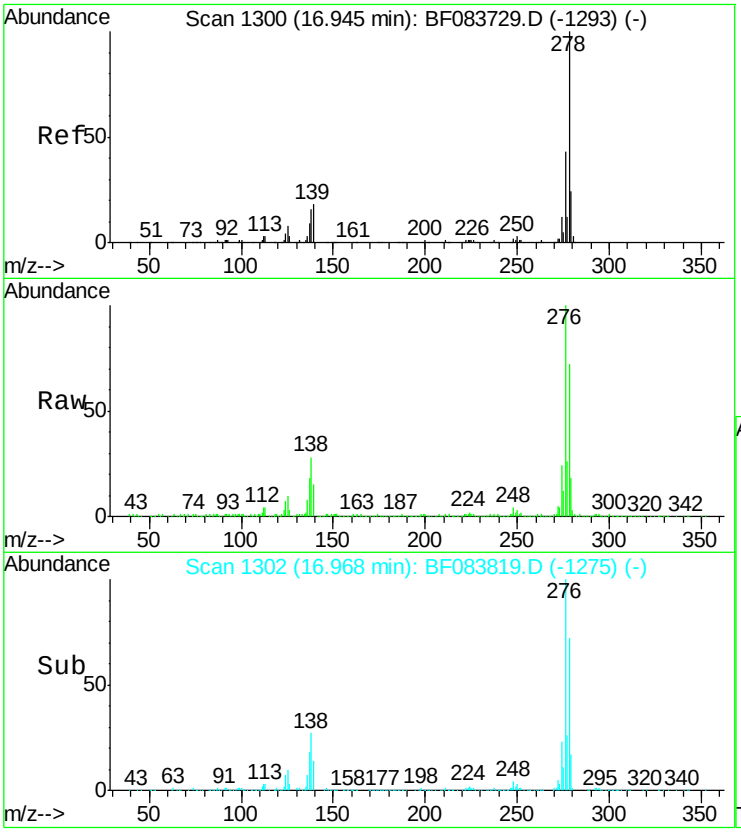




#89
Benzo(a)pyrene
Concen: 101.29 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:252 Resp: 981666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.5 | 26.3 |
| 125 | 13.6 | 11.0 | 16.6 |



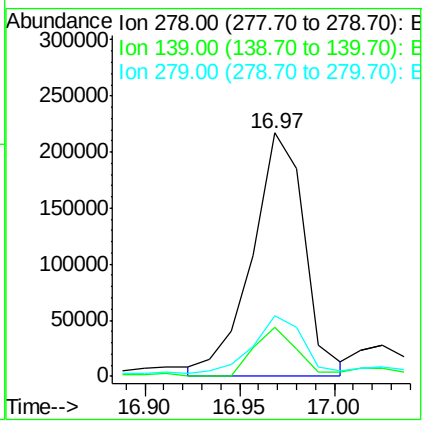


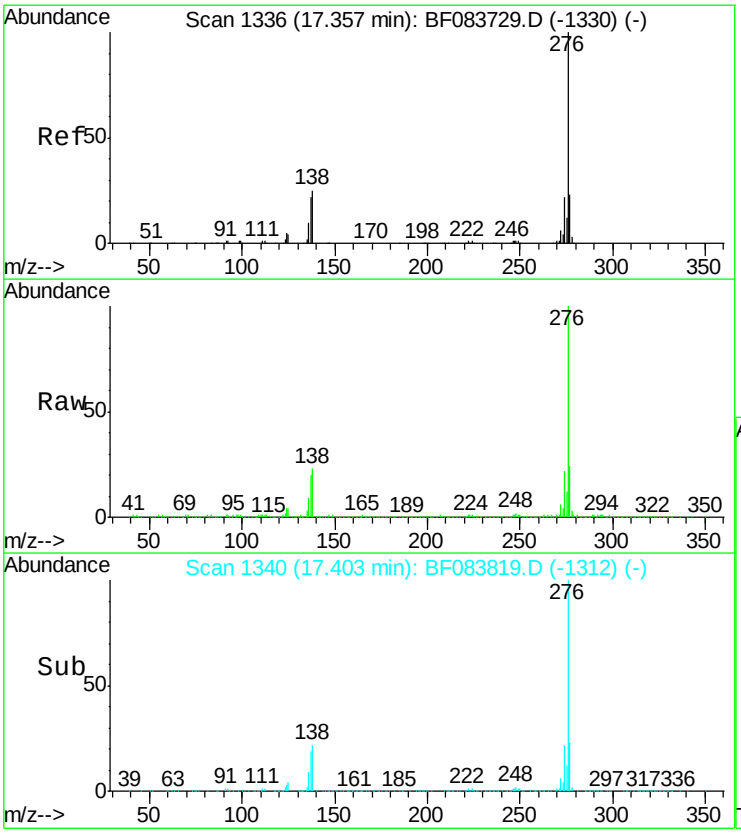

#90
Dibenzo(a,h)anthracene
Concen: 43.16 ng m
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
K206-0-2MS

Tgt Ion:278 Resp: 415943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.2 | 12.8 | 19.2# |
| 279 | 24.7 | 18.6 | 28.0 |




#91
Benzo(g,h,i)perylene
Concen: 75.37 ng
RT: 17.40 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:276 Resp: 746638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.2 | 28.8 |
| 138 | 22.7 | 19.5 | 29.3 |