Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080488.D
Acq On : 15 Jul 2015 13:00
Operator : TP/UM
Sample : G2973-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
apatel
7/16/2015 8:21:55 AM

Quant Time: Jul 15 16:08:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.13 | 152 | 23756 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.41 | 136 | 102468 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.17 | 164 | 51104 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.66 | 188 | 111839 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.67 | 240 | 129115 | 20.00 | ng | | 0.19 |
| 86) Perylene-d12 | 16.56 | 264 | 116806 | 20.00 | ng | | 0.33 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.76 | 112 | 139510 | 95.99 | ng | | 0.00 |
| 7) Phenol-d6 | 6.76 | 99 | 190206 | 106.94 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.69 | 82 | 120607 | 64.43 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.97 | 330 | 49332 | 102.13 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.48 | 172 | 216769 | 58.12 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.37 | 244 | 280159 | 52.30 | ng | | 0.09 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.86 | 88 | 17569 | 30.01 | ng | # | 91 |
| 3) Pyridine | 3.84 | 79 | 34378 | 26.57 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.66 | 42 | 26635 | 35.02 | ng | | 97 |
| 6) Aniline | 6.80 | 93 | 61211 | 23.71 | ng | | 99 |
| 8) 2-Chlorophenol | 6.92 | 128 | 53506 | 35.09 | ng | | 94 |
| 9) Benzaldehyde | 6.68 | 77 | 20499 | 18.87 | ng | | 98 |
| 10) Phenol | 6.78 | 94 | 71155 | 34.70 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.85 | 93 | 54754 | 35.13 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.06 | 146 | 58460m | 32.88 | ng | | |
| 13) 1,4-Dichlorobenzene | 7.14 | 146 | 64640 | 33.44 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.30 | 146 | 61791 | 33.07 | ng | | 96 |
| 15) Benzyl Alcohol | 7.28 | 79 | 43375 | 34.08 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.39 | 45 | 91351 | 36.16 | ng | | 78 |
| 17) 2-Methylphenol | 7.39 | 107 | 44737 | 36.25 | ng | # | 90 |
| 18) Hexachloroethane | 7.64 | 117 | 20967 | 32.92 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.53 | 70 | 39743 | 32.99 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.54 | 107 | 63186 | 36.13 | ng | # | 88 |
| 22) Acetophenone | 7.53 | 105 | 78282 | 32.56 | ng | # | 96 |
| 24) Nitrobenzene | 7.71 | 77 | 62186 | 30.14 | ng | | 95 |
| 25) Isophorone | 7.94 | 82 | 118499 | 34.28 | ng | | 96 |
| 26) 2-Nitrophenol | 8.03 | 139 | 27335 | 30.54 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 8.06 | 122 | 53381 | 32.52 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.14 | 93 | 66928 | 34.43 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.27 | 162 | 49148 | 34.34 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 8.35 | 180 | 53104 | 29.82 | ng | | 97 |
| 31) Naphthalene | 8.43 | 128 | 169221 | 31.93 | ng | | 100 |
| 32) Benzoic acid | 8.14 | 122 | 20298 | 29.81 | ng | | 85 |
| 33) 4-Chloroaniline | 8.49 | 127 | 48508 | 22.99 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.54 | 225 | 27883 | 30.90 | ng | | 99 |
| 35) Caprolactam | 8.83 | 113 | 12685 | 34.35 | ng | # | 69 |
| 36) 4-Chloro-3-methylphenol | 8.97 | 107 | 50100 | 35.76 | ng | # | 76 |
| 37) 2-Methylnaphthalene | 9.13 | 142 | 113294 | 31.38 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.29 | 216 | 48992 | 28.89 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.28 | 237 | 41851 | 53.16 | ng | | 94 |

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Acq On : 15 Jul 2015 13:00
Operator : TP/UM
Sample : G2973-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
apatel
7/16/2015 8:21:55 AM

Quant Time: Jul 15 16:08:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.41 | 196 | 31670 | 30.04 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.45 | 196 | 34135 | 32.14 | ng | # | 75 |
| 45) 1,1'-Biphenyl | 9.58 | 154 | 143909 | 32.72 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.62 | 162 | 108015 | 29.90 | ng | | 97 |
| 47) 2-Nitroaniline | 9.72 | 65 | 33931 | 32.56 | ng | | 92 |
| 48) Acenaphthylene | 10.03 | 152 | 173533 | 31.76 | ng | | 99 |
| 49) Dimethylphthalate | 9.88 | 163 | 189114 | 46.75 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.95 | 165 | 29559 | 33.95 | ng | | 93 |
| 51) Acenaphthene | 10.20 | 154 | 111131 | 33.44 | ng | | 96 |
| 52) 3-Nitroaniline | 10.13 | 138 | 25497 | 27.21 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 10.24 | 184 | 19637 | 58.13 | ng | | 90 |
| 54) Dibenzofuran | 10.37 | 168 | 151923 | 32.41 | ng | | 99 |
| 55) 4-Nitrophenol | 10.30 | 139 | 43443 | 63.80 | ng | # | 85 |
| 56) 2,4-Dinitrotoluene | 10.35 | 165 | 34680 | 35.16 | ng | # | 23 |
| 57) Fluorene | 10.72 | 166 | 123540 | 32.78 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.50 | 232 | 29821 | 34.67 | ng | | 99 |
| 59) Diethylphthalate | 10.58 | 149 | 135185 | 33.77 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.70 | 204 | 60680 | 34.33 | ng | | 93 |
| 61) 4-Nitroaniline | 10.75 | 138 | 27237 | 32.03 | ng | | 94 |
| 62) Azobenzene | 10.86 | 77 | 137341 | 35.90 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.76 | 198 | 15860 | 29.93 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 10.83 | 169 | 106876 | 29.42 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.20 | 248 | 35233 | 31.59 | ng | | 88 |
| 67) Hexachlorobenzene | 11.28 | 284 | 36774 | 30.30 | ng | | 98 |
| 68) Atrazine | 11.34 | 200 | 35293 | 33.35 | ng | | 98 |
| 69) Pentachlorophenol | 11.47 | 266 | 38367 | 68.62 | ng | | 96 |
| 70) Phenanthrene | 11.69 | 178 | 194467 | 29.92 | ng | | 98 |
| 71) Anthracene | 11.74 | 178 | 212597 | 34.79 | ng | | 99 |
| 72) Carbazole | 11.90 | 167 | 183086 | 33.07 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.22 | 149 | 223251 | 38.00 | ng | # | 98 |
| 74) Fluoranthene | 12.96 | 202 | 234136 | 36.53 | ng | | 98 |
| 76) Benzidine | 13.09 | 184 | 121235 | 31.69 | ng | | 99 |
| 77) Pyrene | 13.21 | 202 | 240900 | 31.69 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.93 | 149 | 101487 | 36.55 | ng | | 95 |
| 80) Benzo(a)anthracene | 14.66 | 228 | 233745 | 31.06 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.61 | 252 | 67708 | 28.47 | ng | # | 95 |
| 82) Chrysene | 14.71 | 228 | 220000 | 30.58 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.63 | 149 | 155074 | 38.45 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 15.47 | 149 | 254890 | 35.19 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 18.23 | 276 | 233137 | 23.79 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 16.05 | 252 | 217099 | 32.53 | ng | # | 98 |
| 88) Benzo(k)fluoranthene | 16.09 | 252 | 222559 | 34.52 | ng | | 100 |
| 89) Benzo(a)pyrene | 16.48 | 252 | 210924 | 32.09 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 18.24 | 278 | 192982 | 25.89 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 18.73 | 276 | 193755 | 24.84 | ng | | 99 |

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

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Operator : TP/UM
Sample : G2973-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 16:08:04 2015
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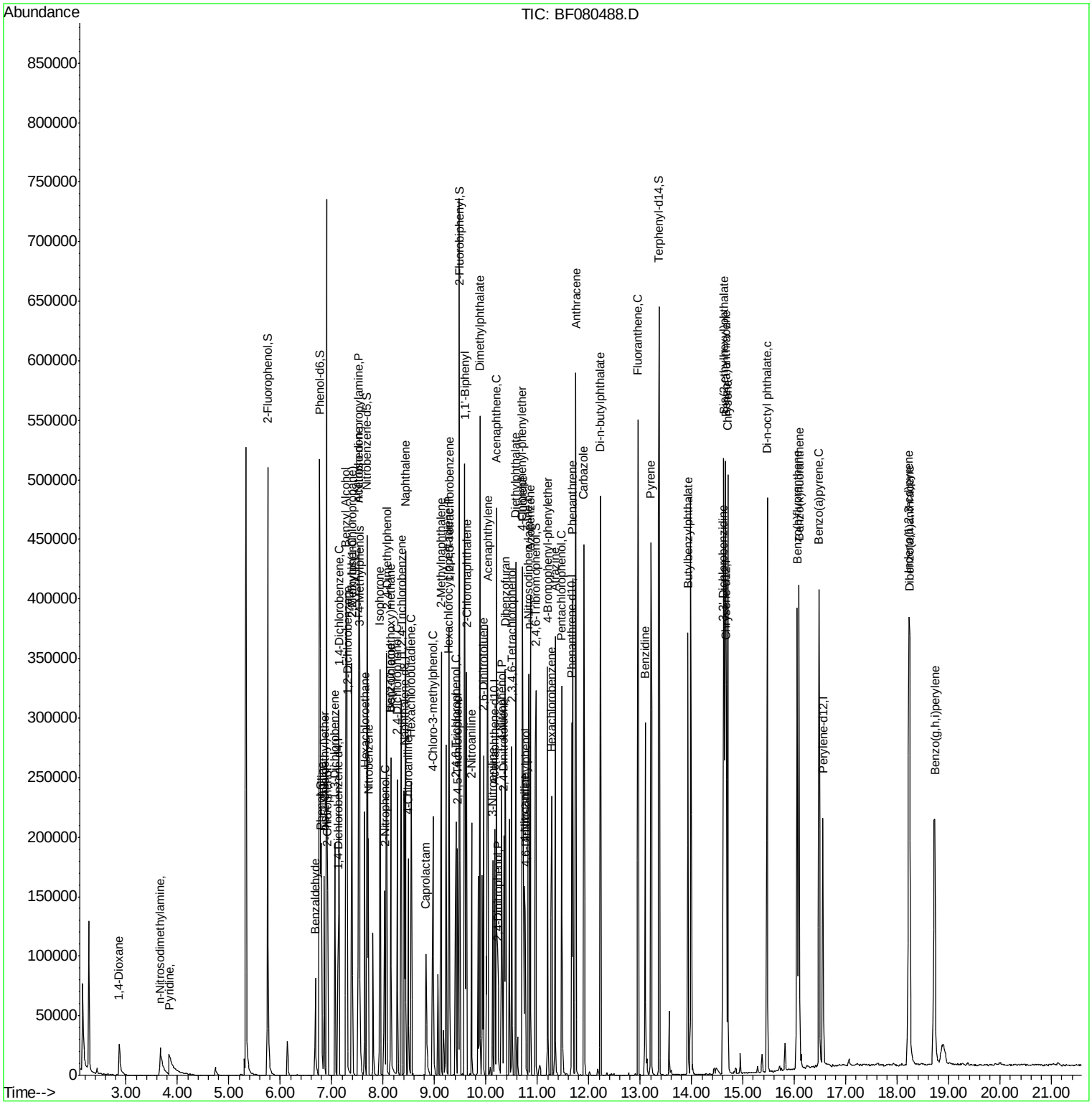
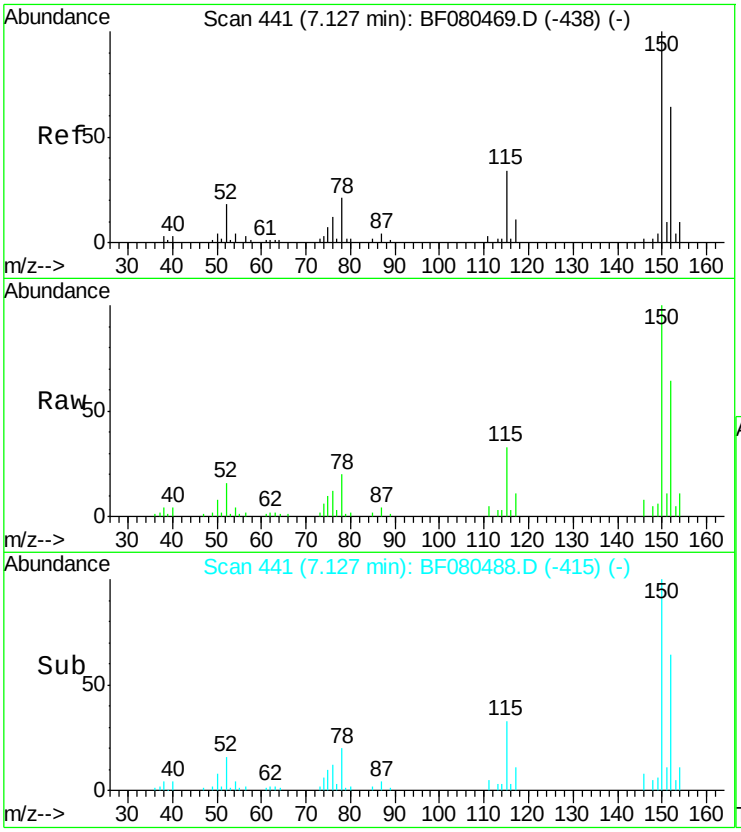
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
apatel
7/16/2015 8:21:55 AM

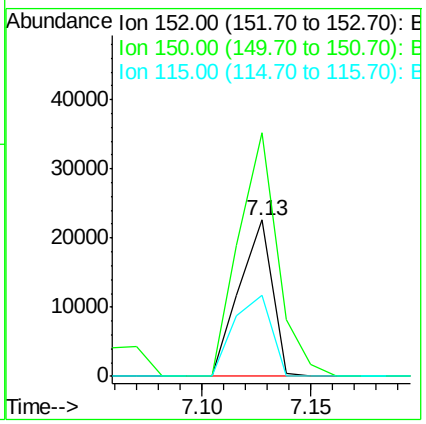





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

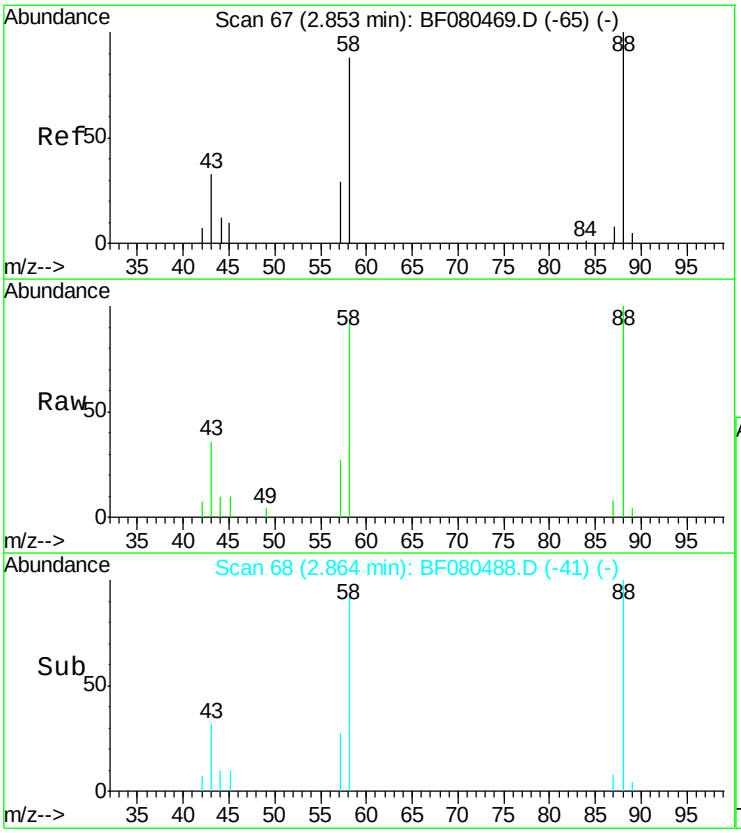
Tgt Ion:152 Resp: 23756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.9 | 125.5 | 188.3 |
| 115 | 51.8 | 42.9 | 64.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

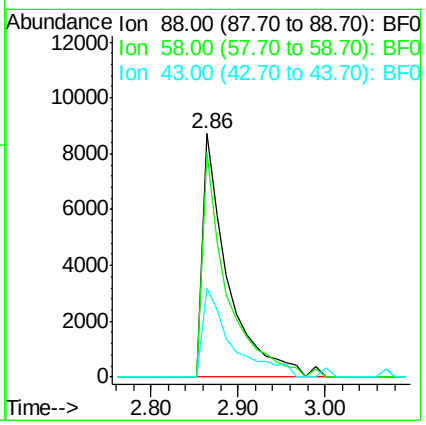
**Manual Integrations APPROVED**
apatel
7/16/2015 8:21:55 AM

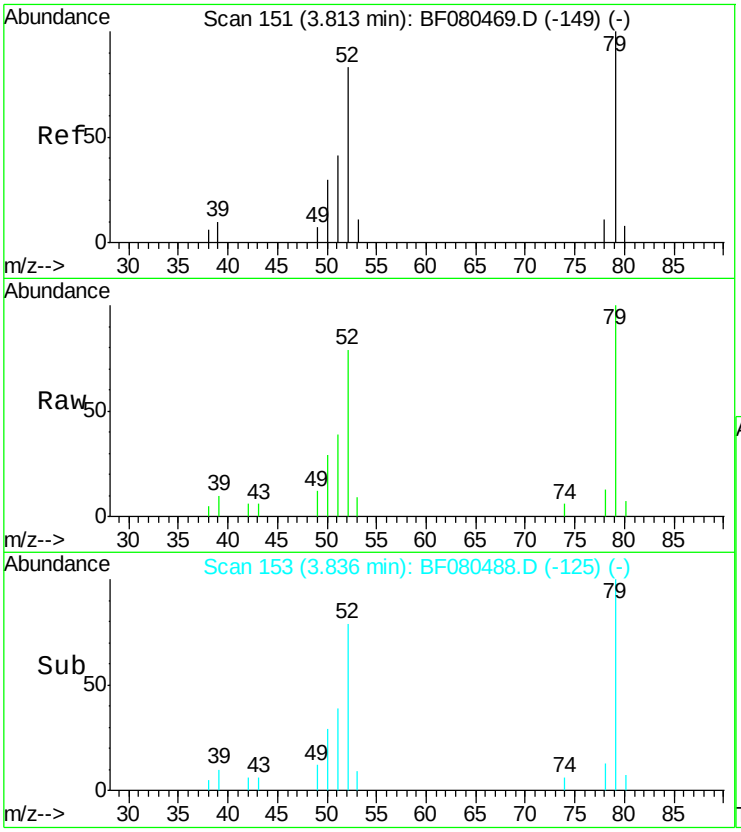



#2
1,4-Dioxane
Concen: 30.01 ng
RT: 2.86 min Scan# 68
Delta R.T. 0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 88 Resp: 17569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.8 | 67.3 | 100.9 |
| 43 | 41.4 | 23.8 | 35.8# |

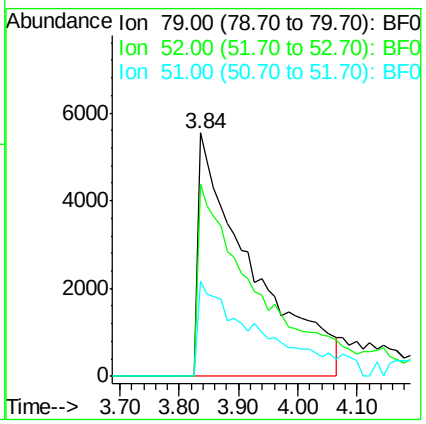





#3
Pyridine
Concen: 26.57 ng
RT: 3.84 min Scan# 153
Delta R.T. 0.02 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

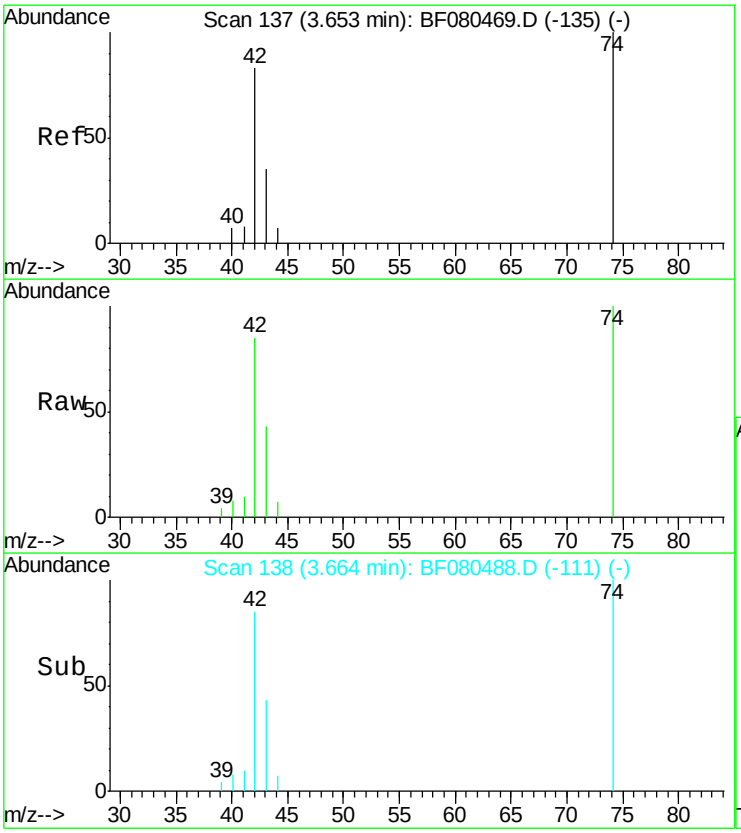
Tgt Ion: 79 Resp: 34378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.0 | 66.6 | 99.8 |
| 51 | 38.9 | 32.5 | 48.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

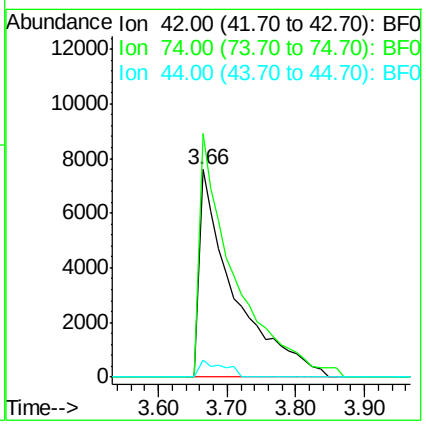
**Manual Integrations APPROVED**
apatel
7/16/2015 8:21:55 AM

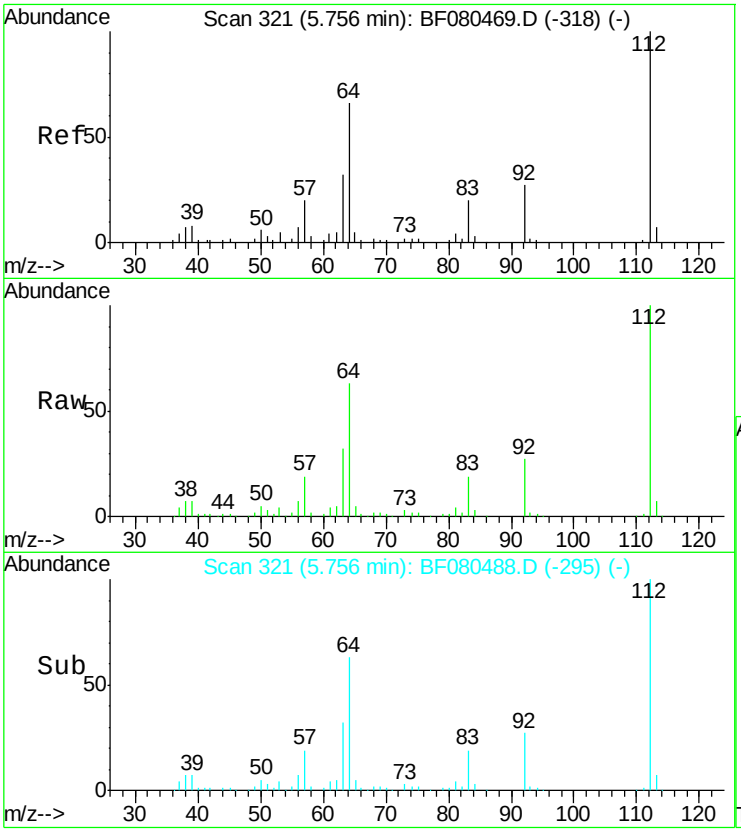



#4
n-Nitrosodimethylamine
Concen: 35.02 ng
RT: 3.66 min Scan# 138
Delta R.T. 0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 42 Resp: 26635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 117.4 | 96.6 | 144.8 |
| 44 | 7.9 | 7.0 | 10.4 |

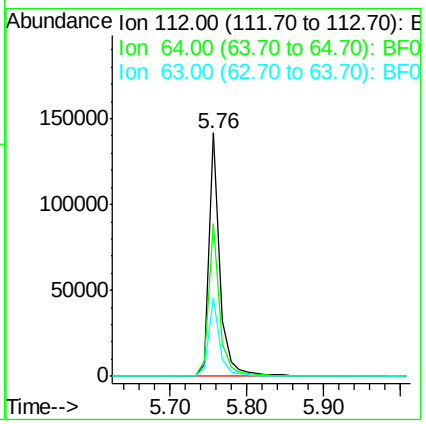





#5
2-Fluorophenol
Concen: 95.99 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

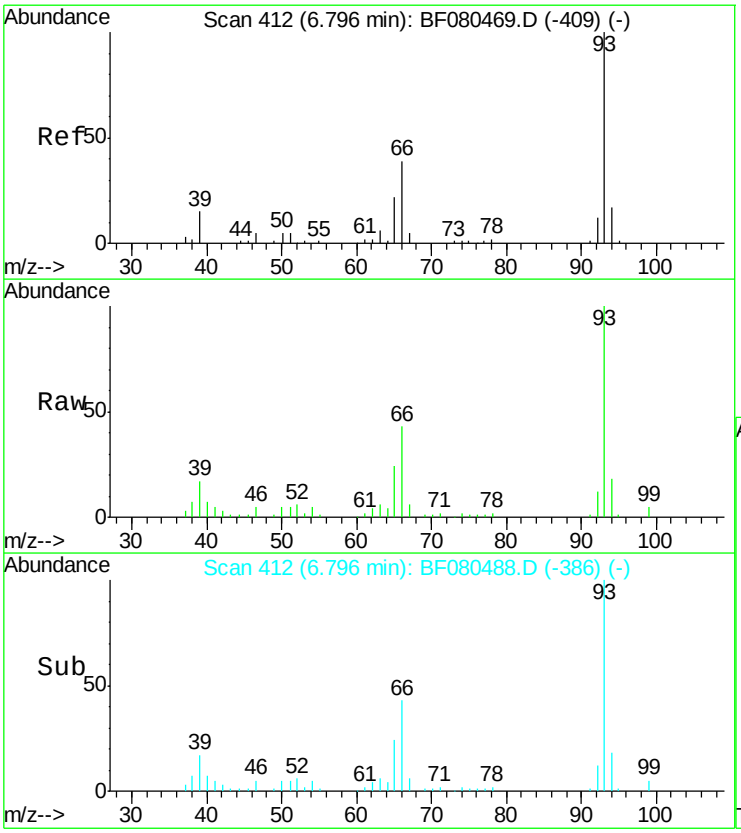
Tgt Ion:112 Resp: 139510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.0 | 52.6 | 79.0 |
| 63 | 32.2 | 25.9 | 38.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

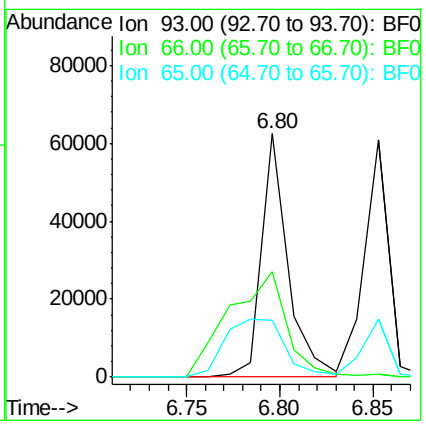
**Manual Integrations APPROVED**
apatel
7/16/2015 8:21:55 AM

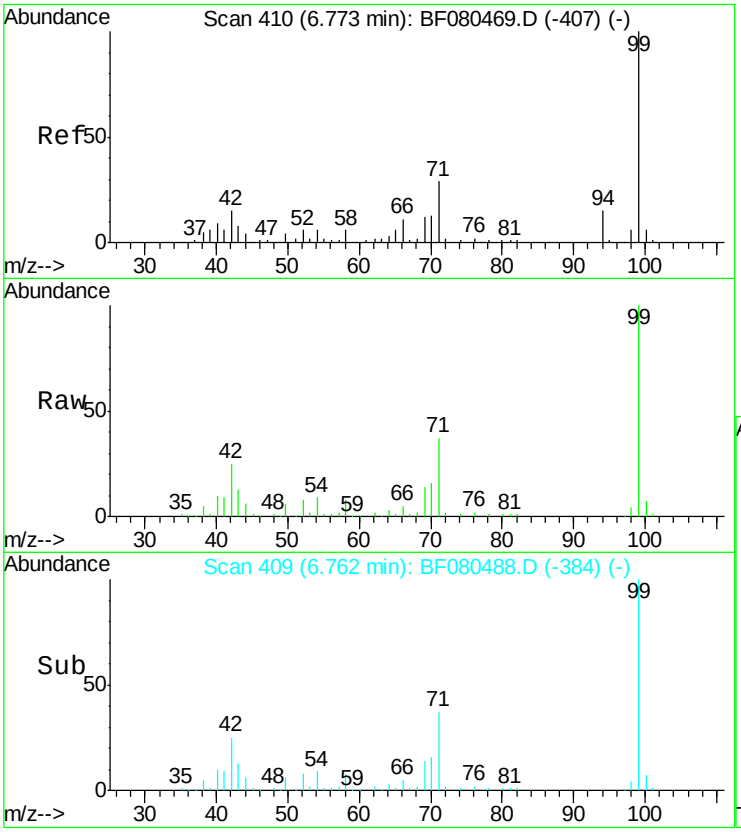



#6
Aniline
Concen: 23.71 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 93 Resp: 61211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.0 | 34.5 | 51.7 |
| 65 | 23.6 | 18.2 | 27.2 |

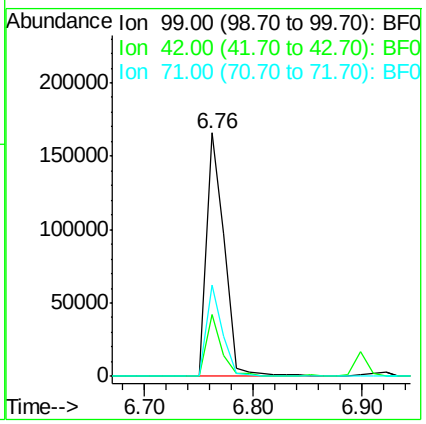





#7
Phenol-d6
Concen: 106.94 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 99 Resp: 190206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.3 | 12.4 | 18.6# |
| 71 | 37.5 | 22.9 | 34.3# |

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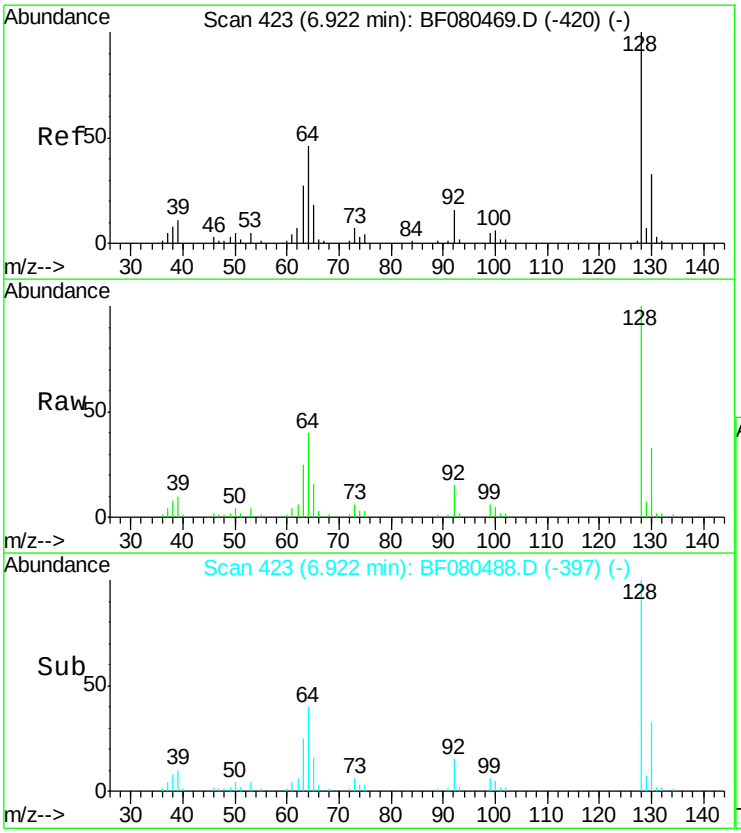
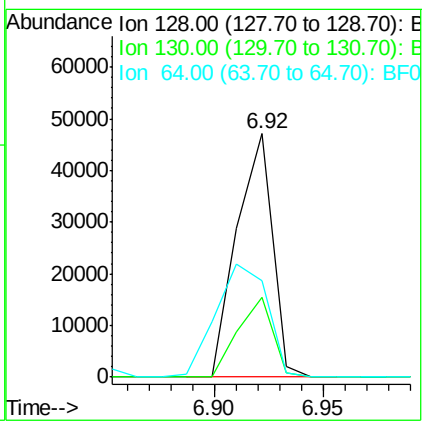
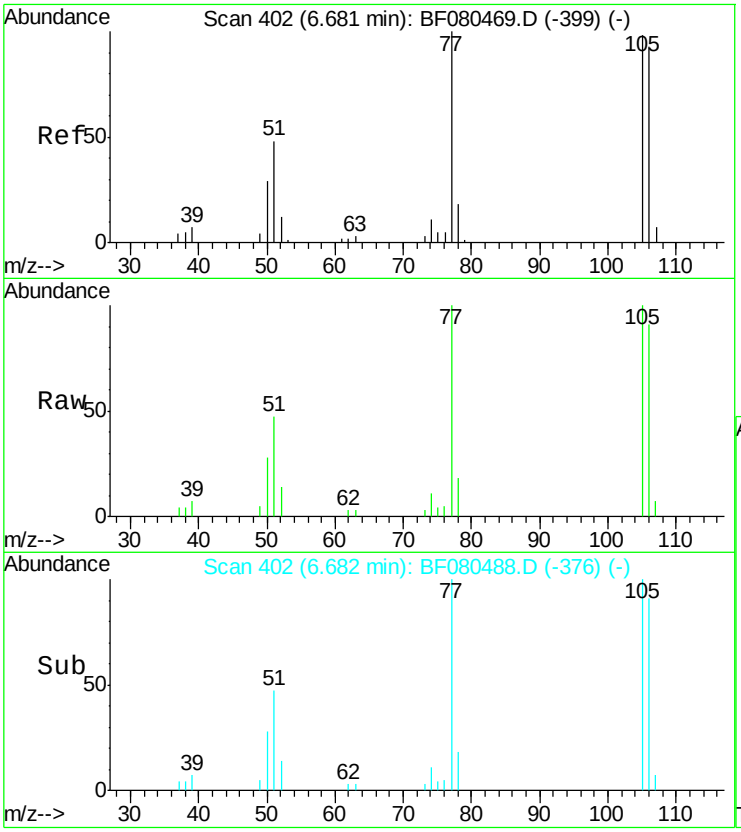



#8
2-Chlorophenol
Concen: 35.09 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:128 Resp: 53506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 13.5 | 53.5 |
| 64 | 39.7 | 26.3 | 66.3 |

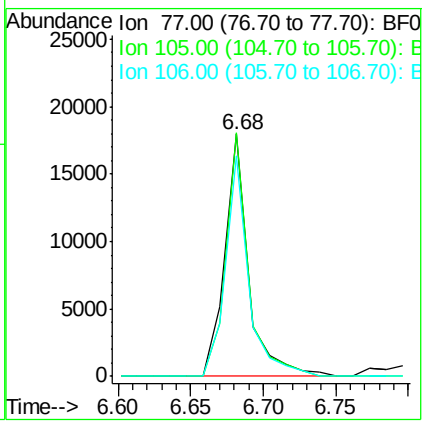





#9
Benzaldehyde
Concen: 18.87 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 77 Resp: 20499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.5 | 77.7 | 117.7 |
| 106 | 91.1 | 72.6 | 112.6 |

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**Manual Integrations APPROVED**
apatel
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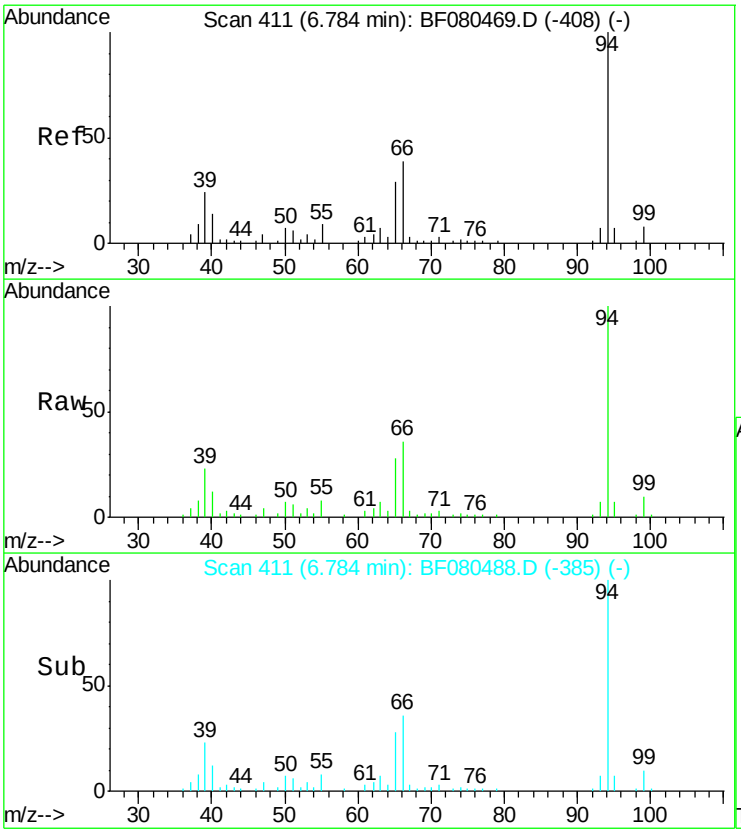
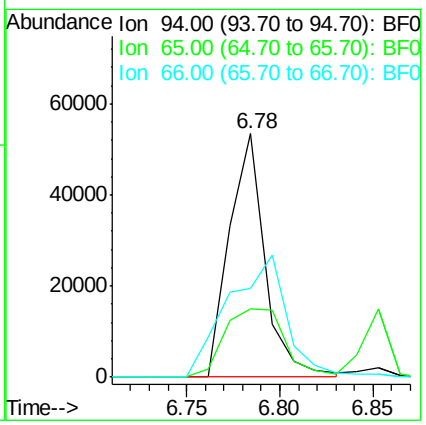
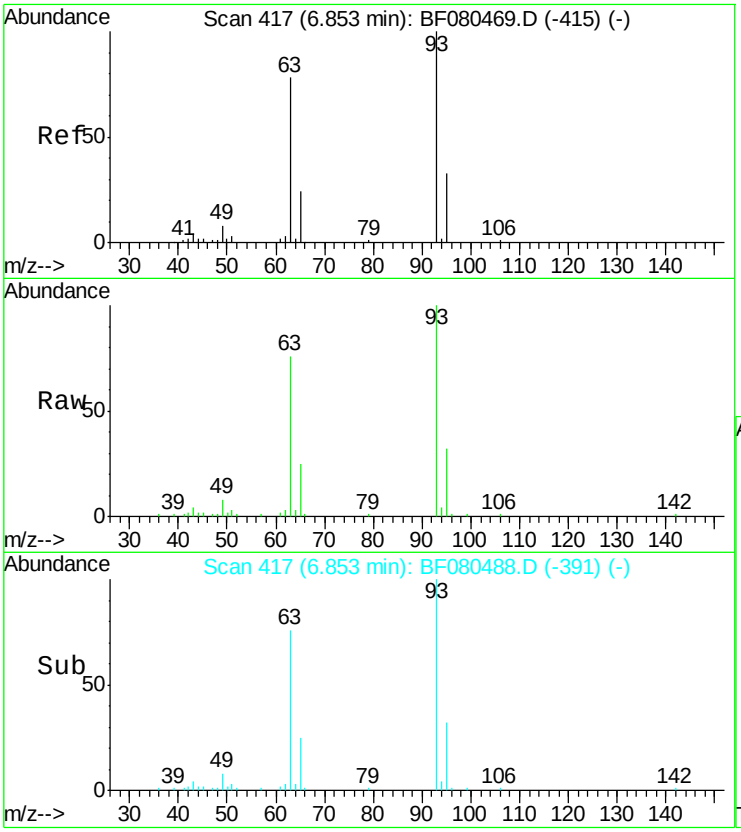



#10
Phenol
Concen: 34.70 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 94 Resp: 71155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.9 | 9.3 | 49.3 |
| 66 | 36.2 | 19.3 | 59.3 |

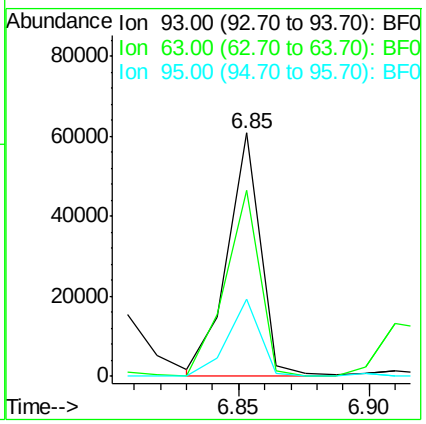





#11
bis(2-Chloroethyl)ether
Concen: 35.13 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 93 Resp: 54754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.4 | 56.4 | 96.4 |
| 95 | 31.8 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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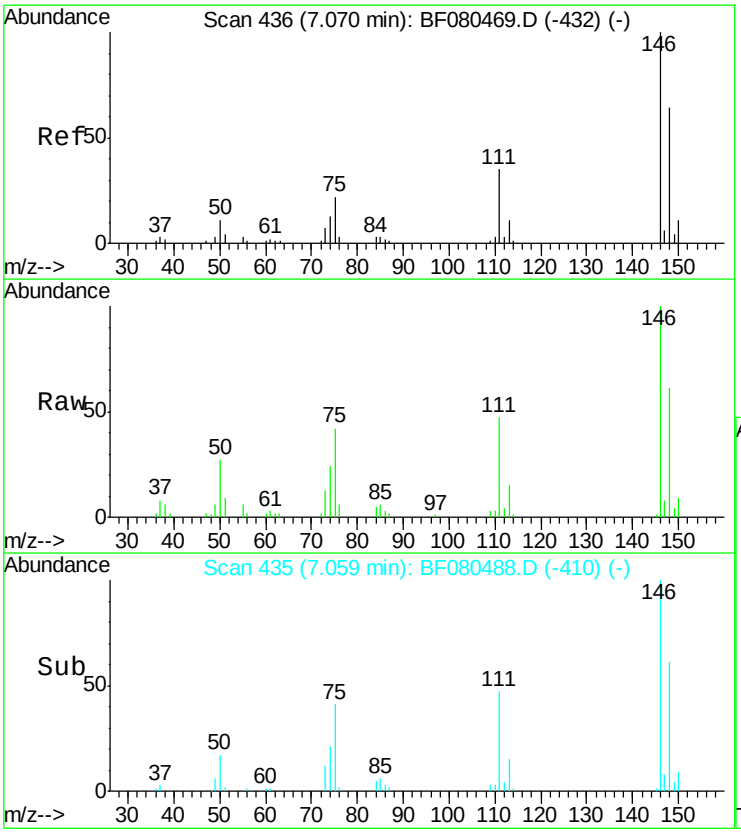
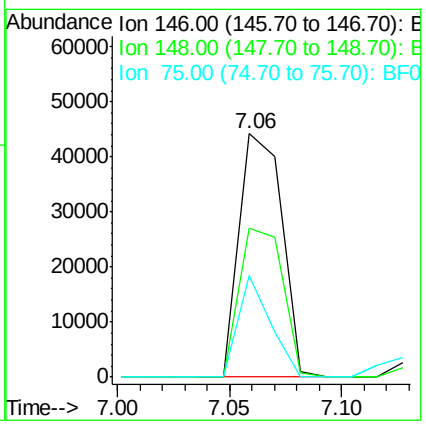
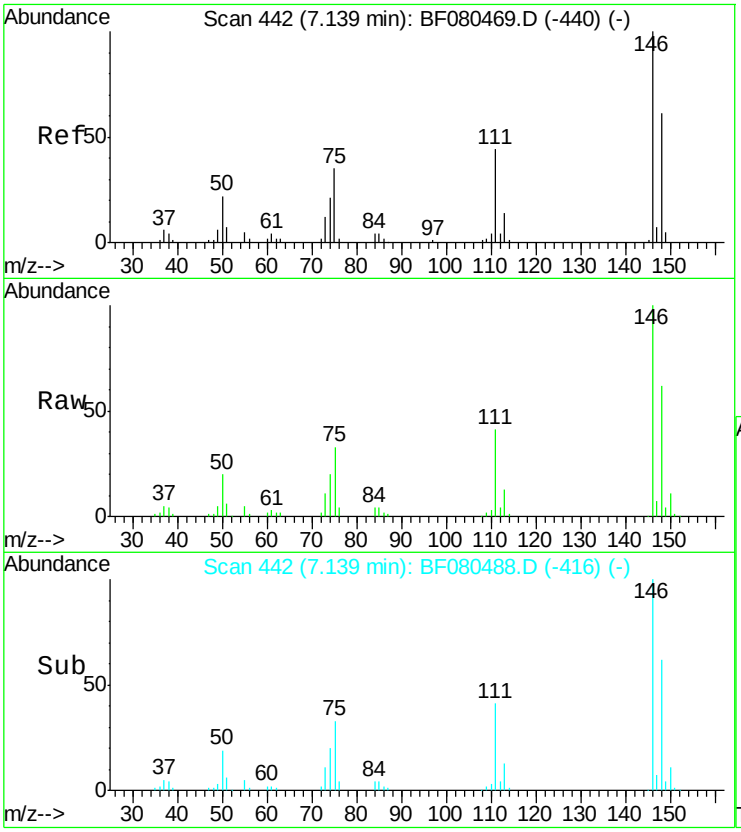



#12
1,3-Dichlorobenzene
Concen: 32.88 ng m
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:146 Resp: 58460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.3 | 51.0 | 76.6 |
| 75 | 41.8 | 17.3 | 25.9# |

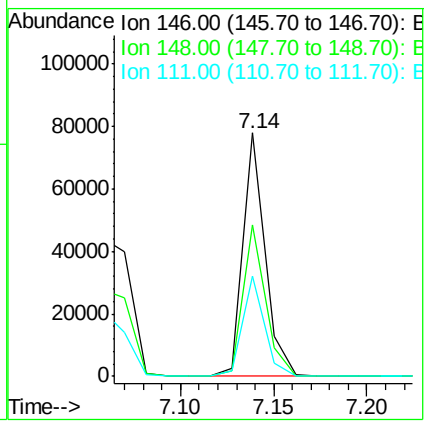





#13
1,4-Dichlorobenzene
Concen: 33.44 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:146 Resp: 64640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.2 | 48.5 | 72.7 |
| 111 | 41.2 | 35.0 | 52.4 |




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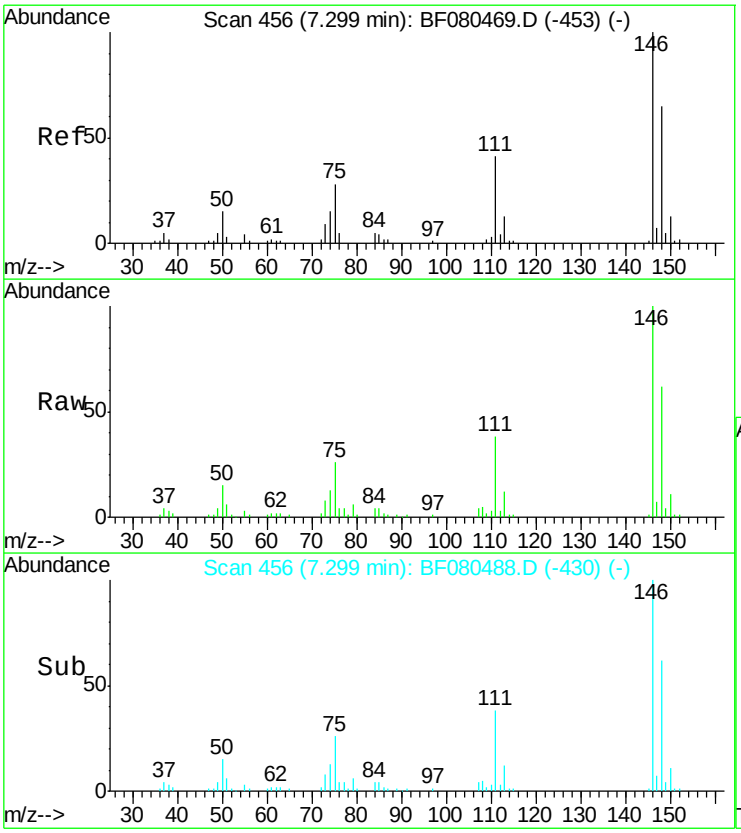
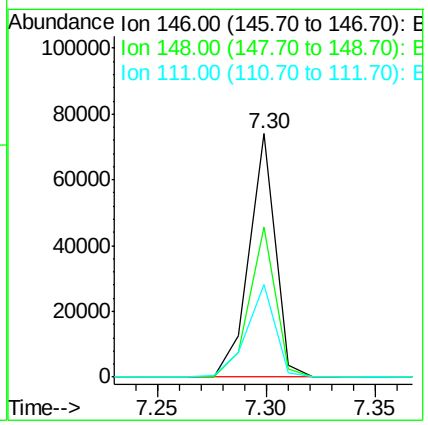
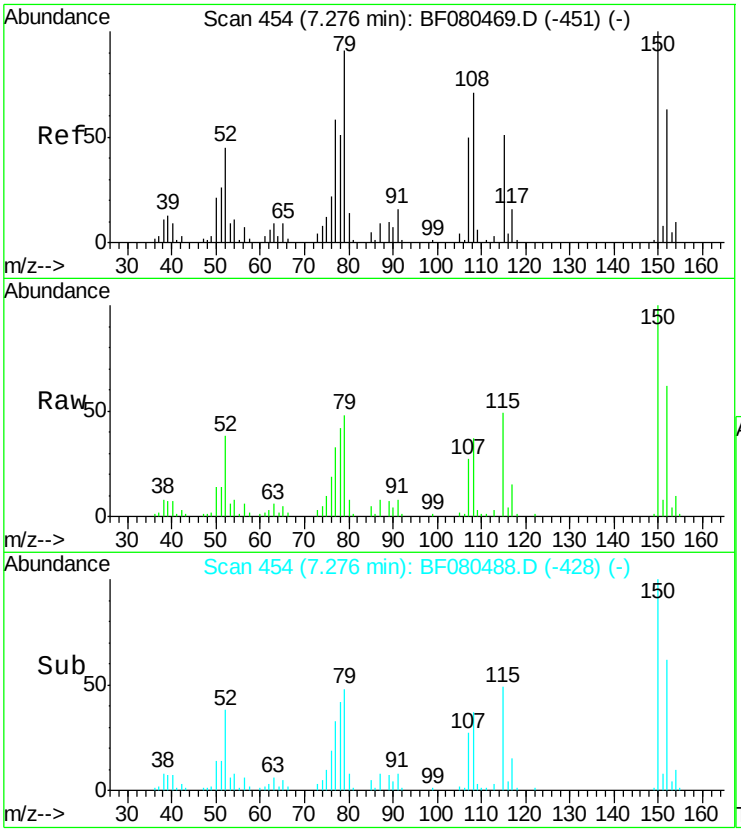



#14
1,2-Dichlorobenzene
Concen: 33.07 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:146 Resp: 61791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.9 | 51.7 | 77.5 |
| 111 | 37.8 | 32.6 | 49.0 |

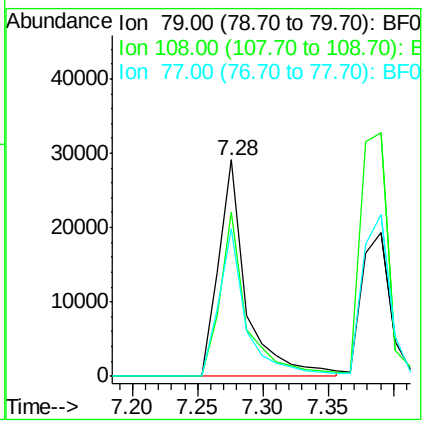





#15
Benzyl Alcohol
Concen: 34.08 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 79 Resp: 43375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.9 | 63.0 | 94.4 |
| 77 | 68.3 | 51.1 | 76.7 |




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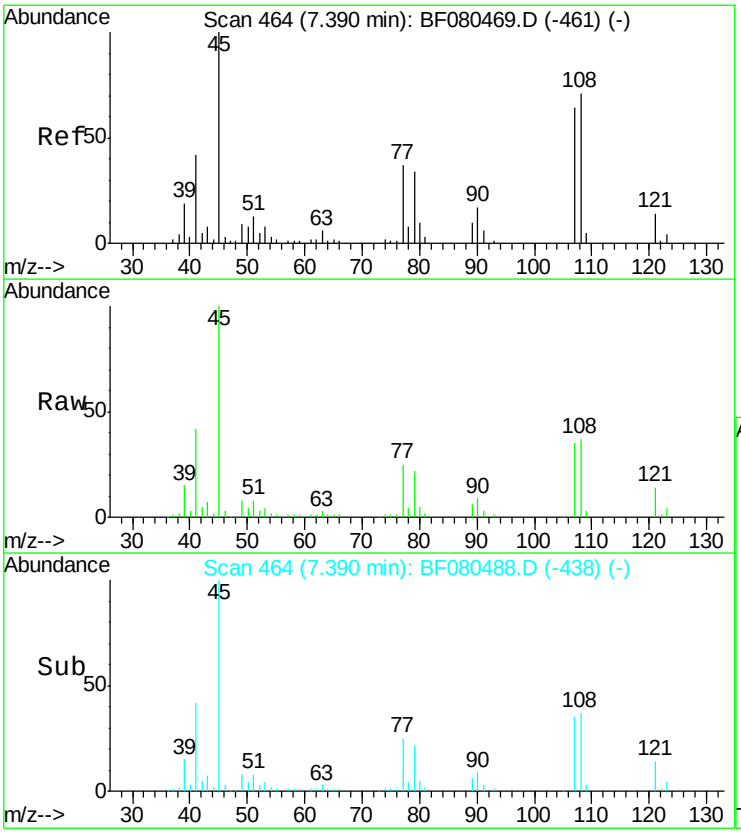
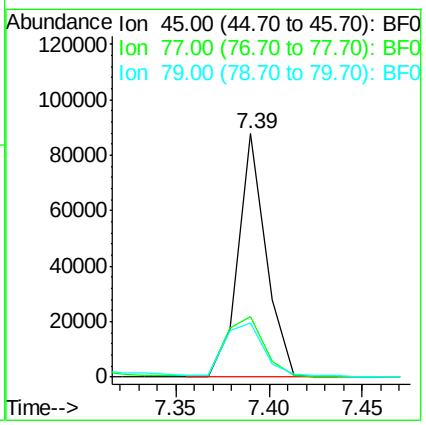
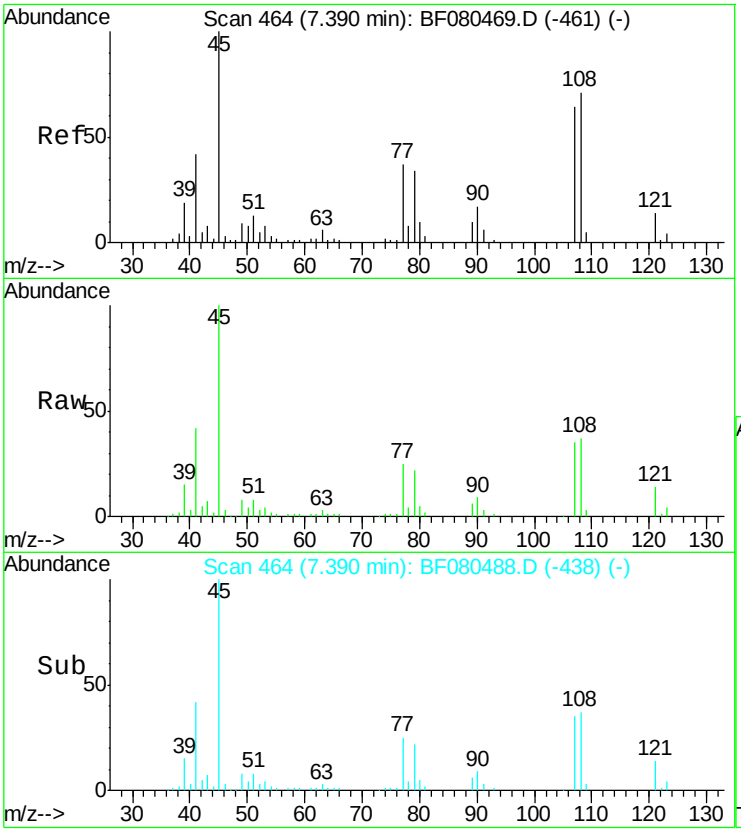



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.16 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 45 Resp: 91351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 24.7 | 17.4 | 57.4 |
| 79 | 22.0 | 14.7 | 54.7 |

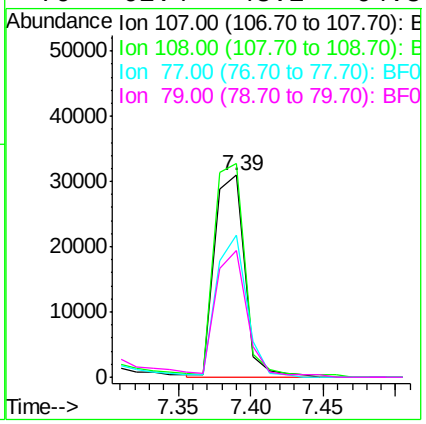





#17
2-Methylphenol
Concen: 36.25 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:107 Resp: 44737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 105.6 | 89.0 | 133.4 |
| 77 | 70.0 | 46.6 | 70.0# |
| 79 | 62.4 | 43.2 | 64.8 |




**Instrument :**
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**ClientSampleId :**
TP-7D78MSD

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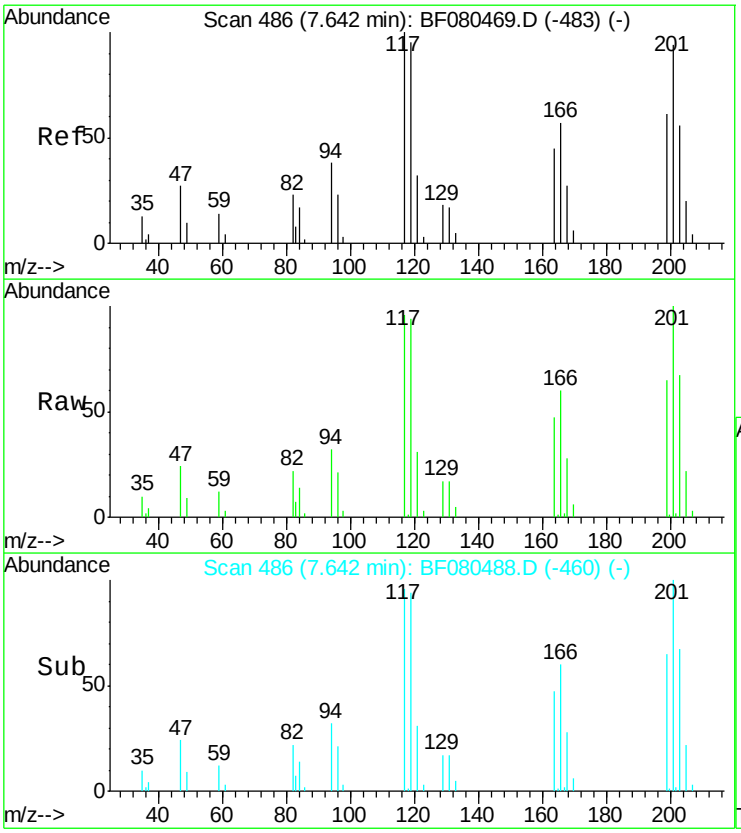
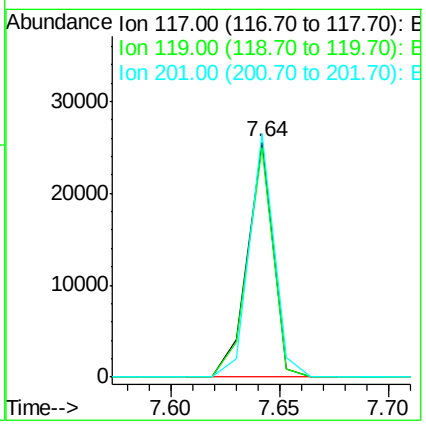
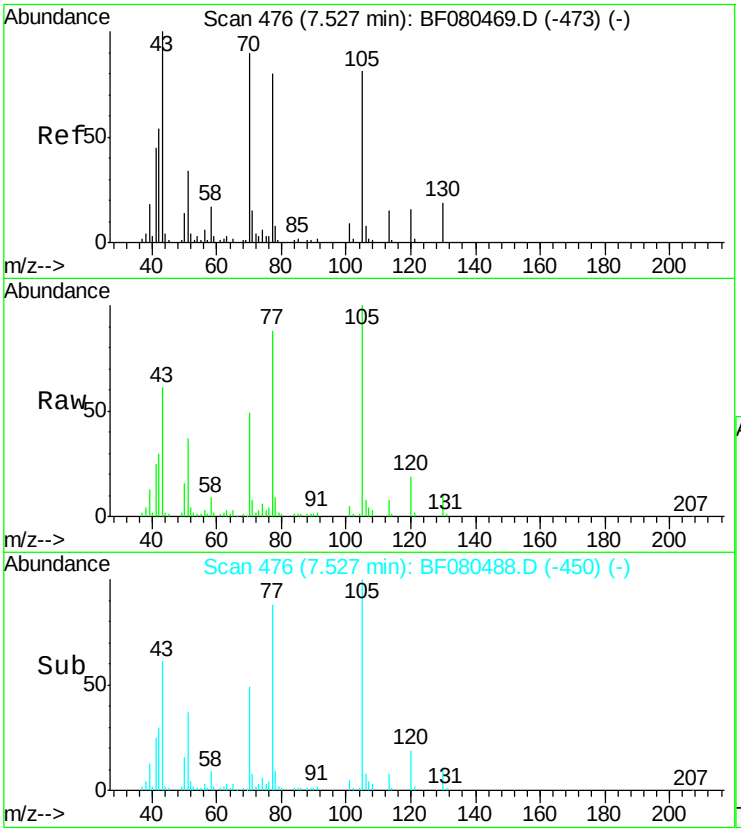



#18
Hexachloroethane
Concen: 32.92 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:117 Resp: 20967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.8 | 75.6 | 113.4 |
| 201 | 103.7 | 75.0 | 112.6 |

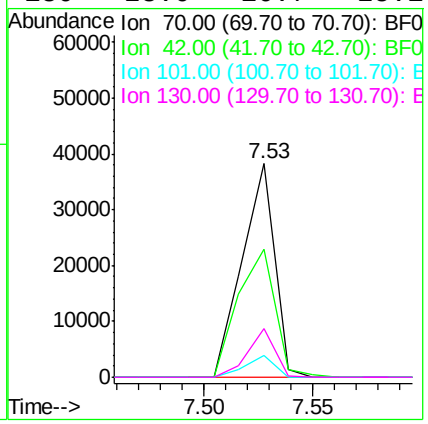





#19
n-Nitroso-di-n-propylamine
Concen: 32.99 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 70 Resp: 39743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 60.2 | 48.0 | 72.0 |
| 101 | 10.4 | 7.8 | 11.6 |
| 130 | 23.0 | 16.7 | 25.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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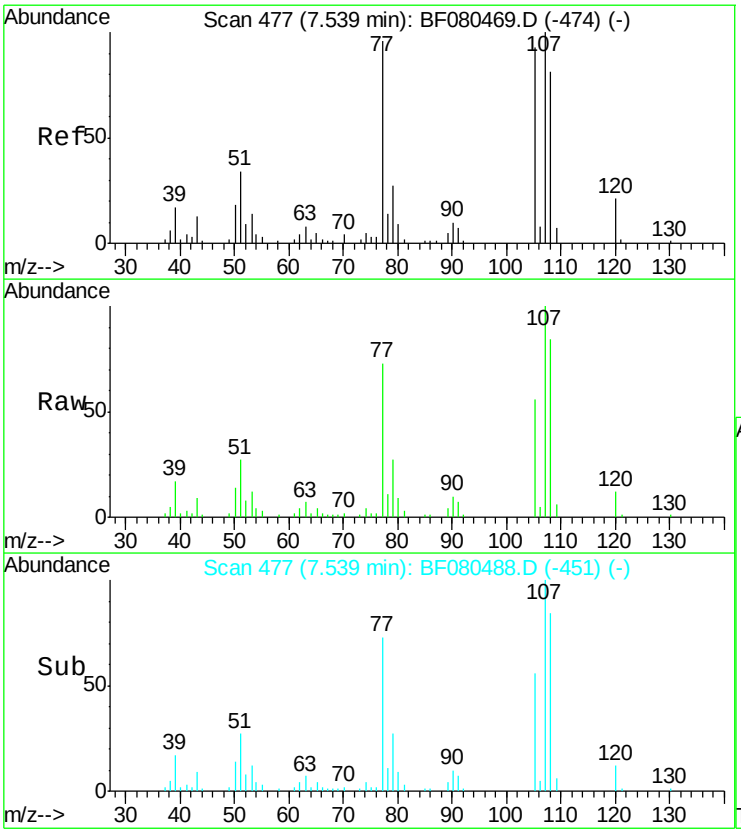
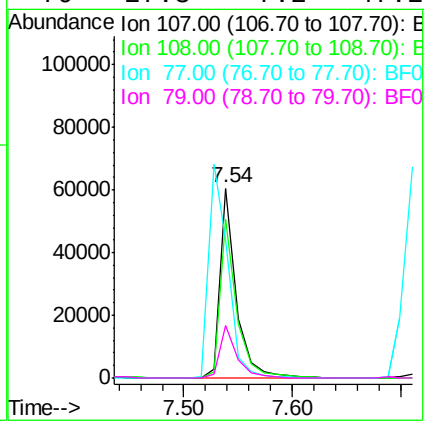
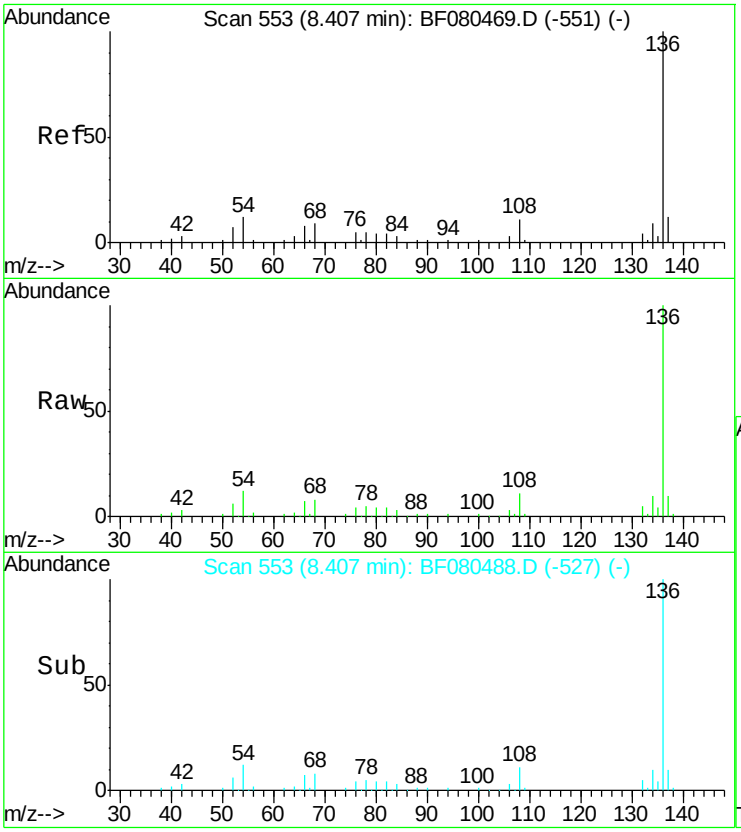



#20
3+4-Methylphenols
Concen: 36.13 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:107 Resp: 63186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.9 | 61.4 | 101.4 |
| 77 | 73.1 | 76.4 | 116.4# |
| 79 | 27.3 | 7.2 | 47.2 |

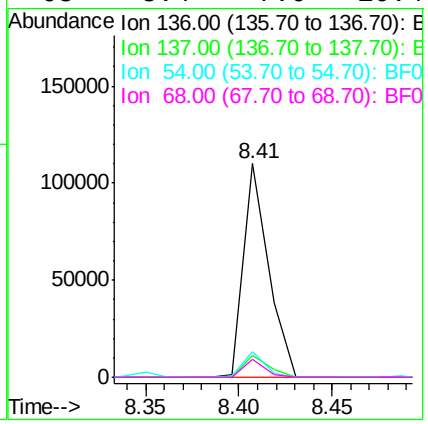





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:136 Resp: 102468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.5 | 14.3 |
| 54 | 11.9 | 9.8 | 14.8 |
| 68 | 8.4 | 7.0 | 10.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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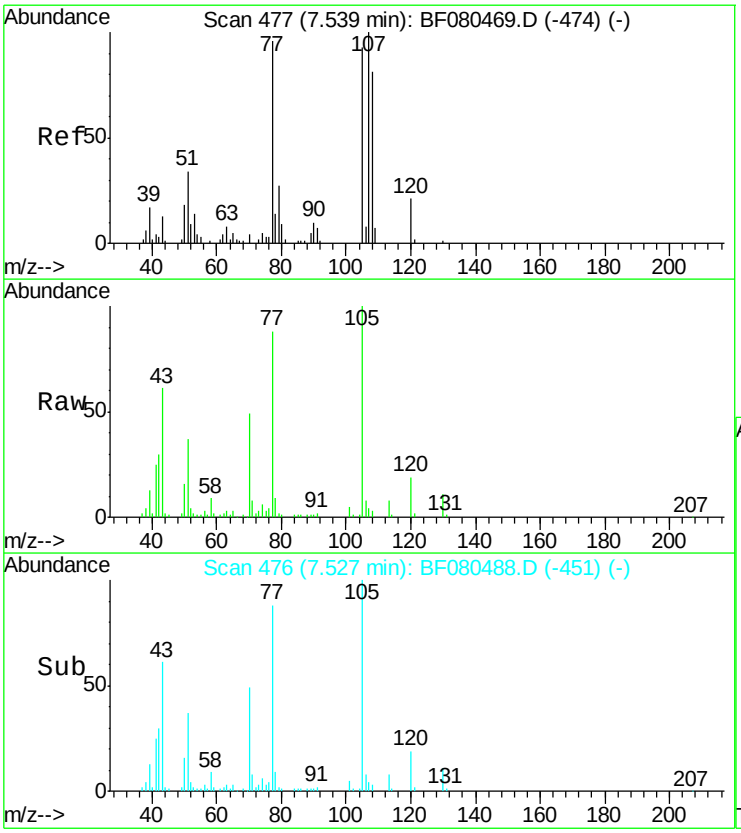
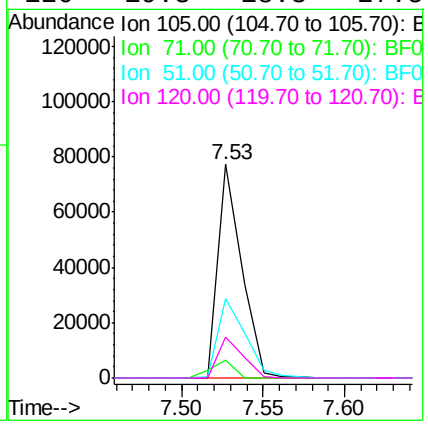
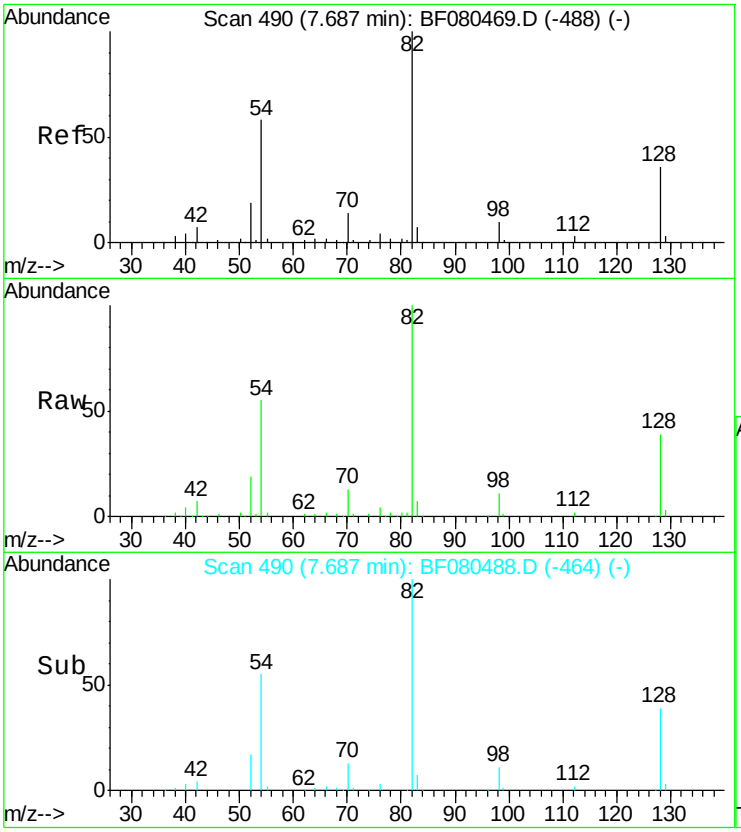



#22
Acetophenone
Concen: 32.56 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:105 Resp: 78282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.3 | 0.0 | 0.0# |
| 51 | 37.0 | 29.0 | 43.6 |
| 120 | 19.3 | 18.3 | 27.5 |

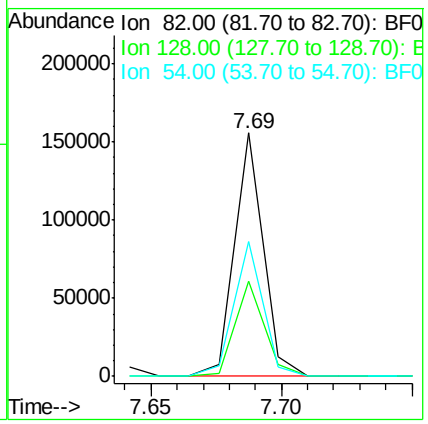





#23
Nitrobenzene-d5
Concen: 64.43 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 82 Resp: 120607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 29.0 | 43.4 |
| 54 | 55.5 | 46.4 | 69.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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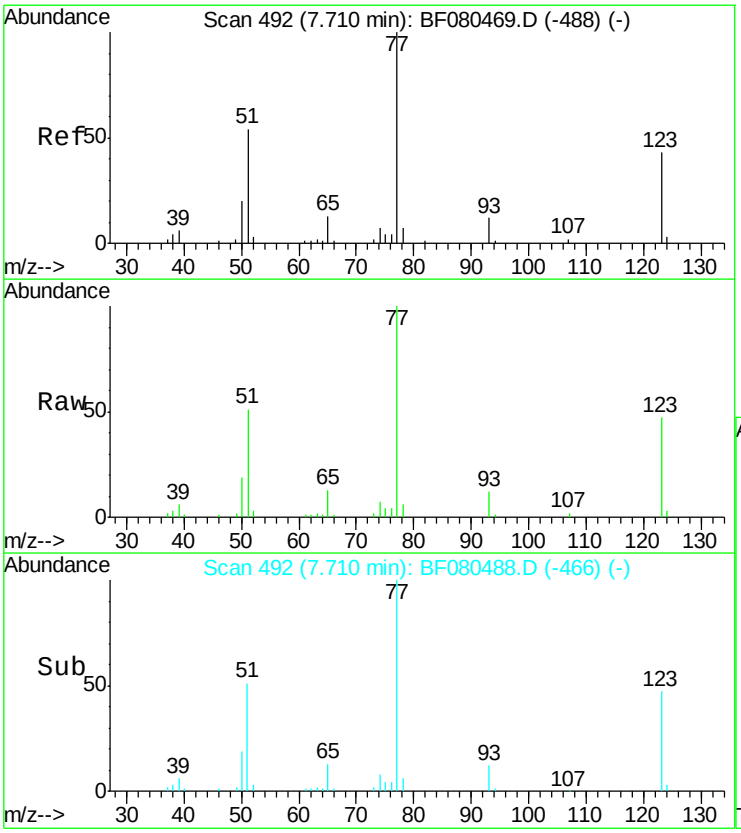
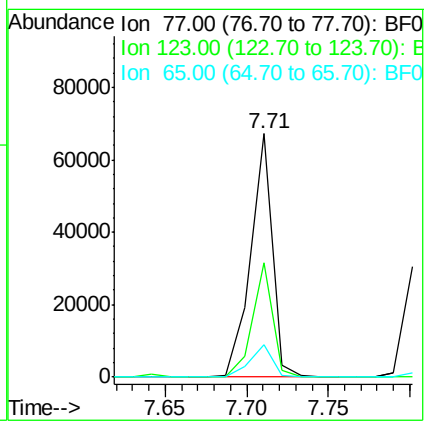
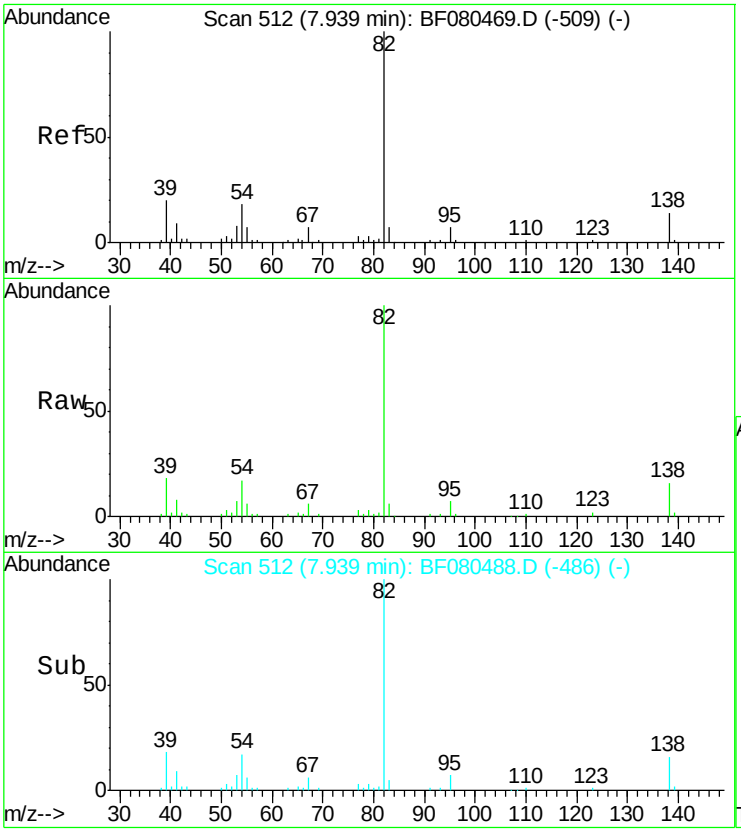



#24
Nitrobenzene
Concen: 30.14 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 77 Resp: 62186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.9 | 34.6 | 51.8 |
| 65 | 13.2 | 10.2 | 15.2 |

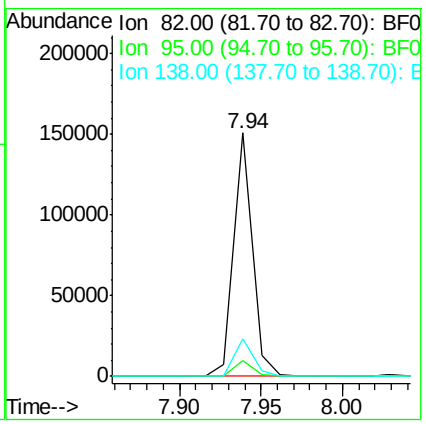





#25
Isophorone
Concen: 34.28 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 82 Resp: 118499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.5 | 8.3 |
| 138 | 15.6 | 10.8 | 16.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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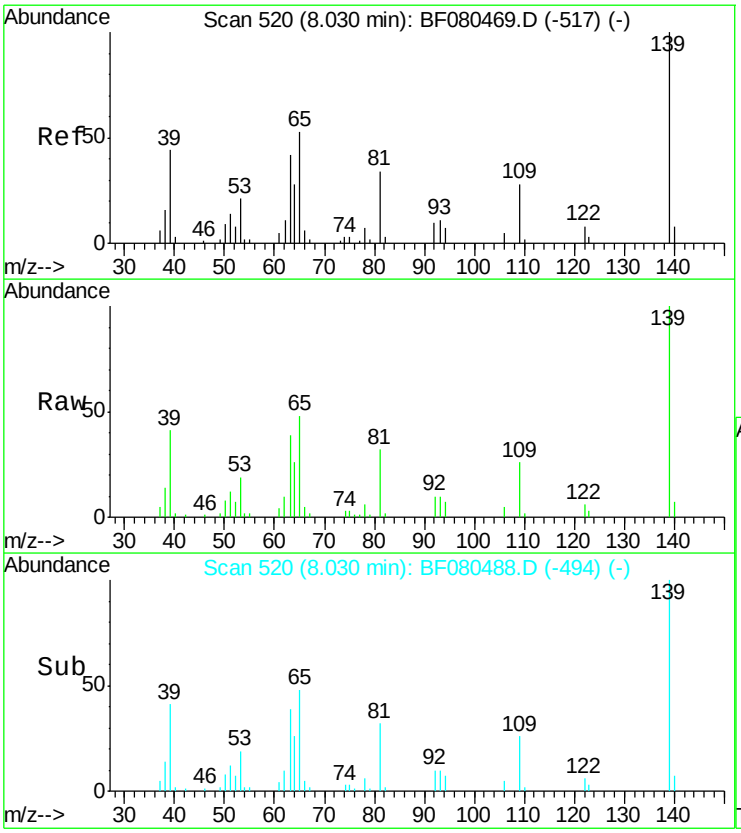
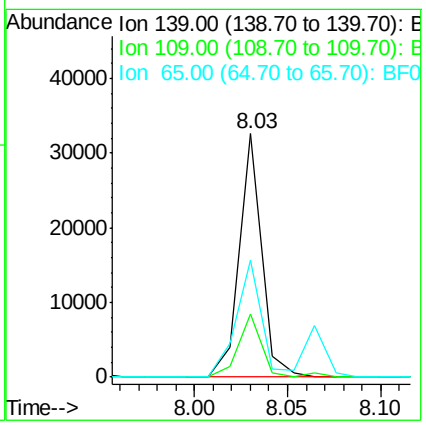
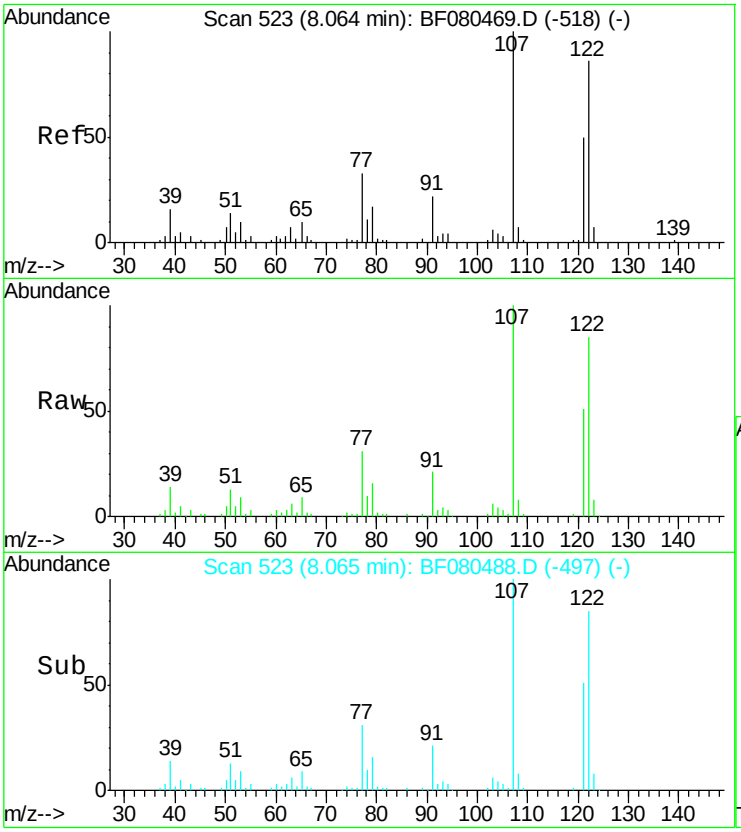



#26
2-Nitrophenol
Concen: 30.54 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:139 Resp: 27335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.2 | 22.6 | 33.8 |
| 65 | 48.1 | 42.4 | 63.6 |

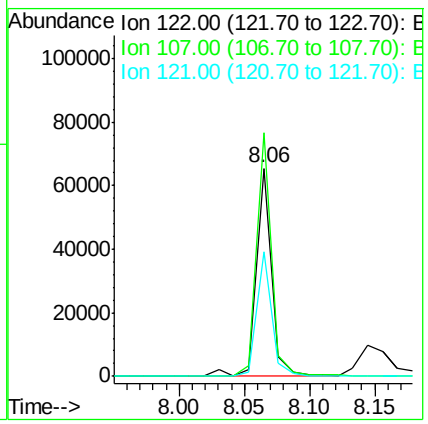





#27
2,4-Dimethylphenol
Concen: 32.52 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:122 Resp: 53381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.2 | 93.3 | 139.9 |
| 121 | 60.2 | 47.1 | 70.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
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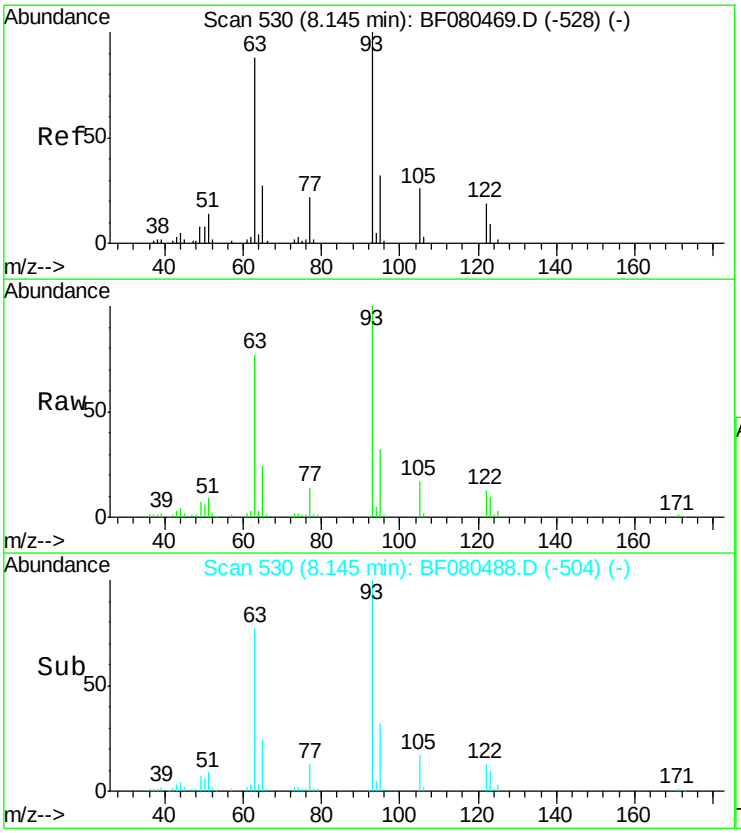
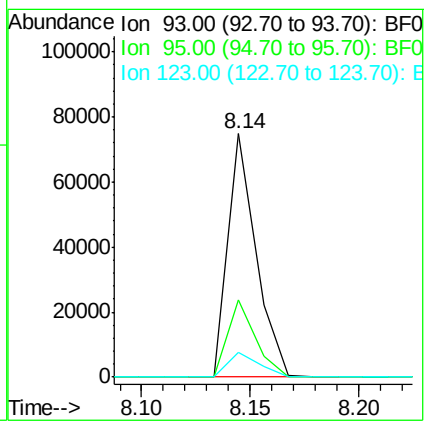
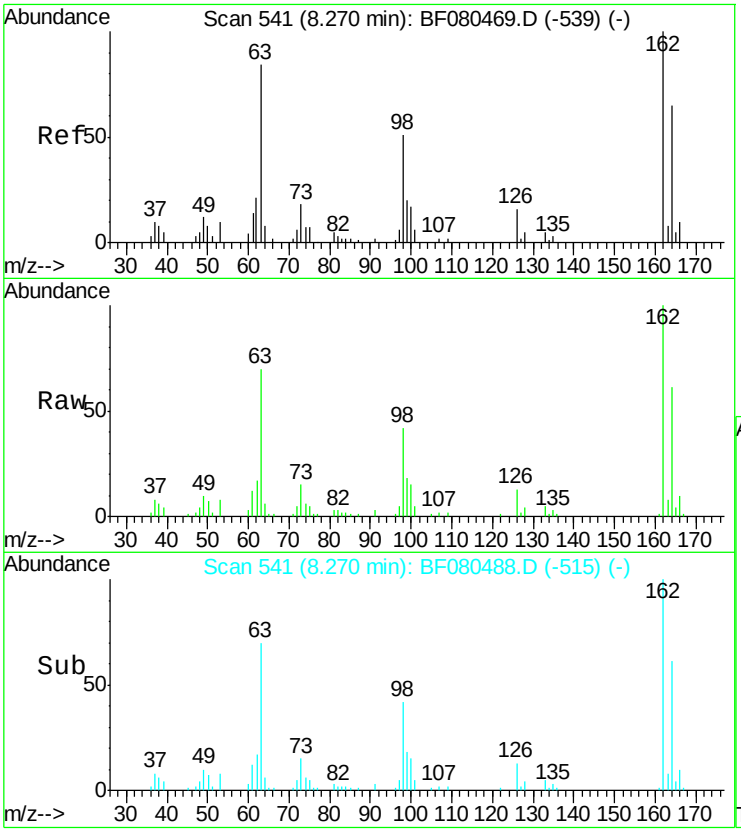



#28
bis(2-Chloroethoxy)methane
Concen: 34.43 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 93 Resp: 66928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 25.4 | 38.2 |
| 123 | 10.4 | 7.5 | 11.3 |

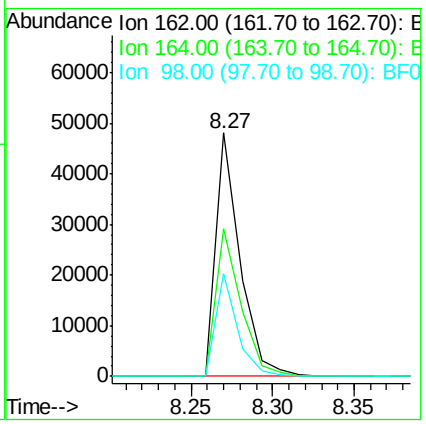





#29
2,4-Dichlorophenol
Concen: 34.34 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:162 Resp: 49148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.6 | 44.7 | 84.7 |
| 98 | 42.5 | 31.5 | 71.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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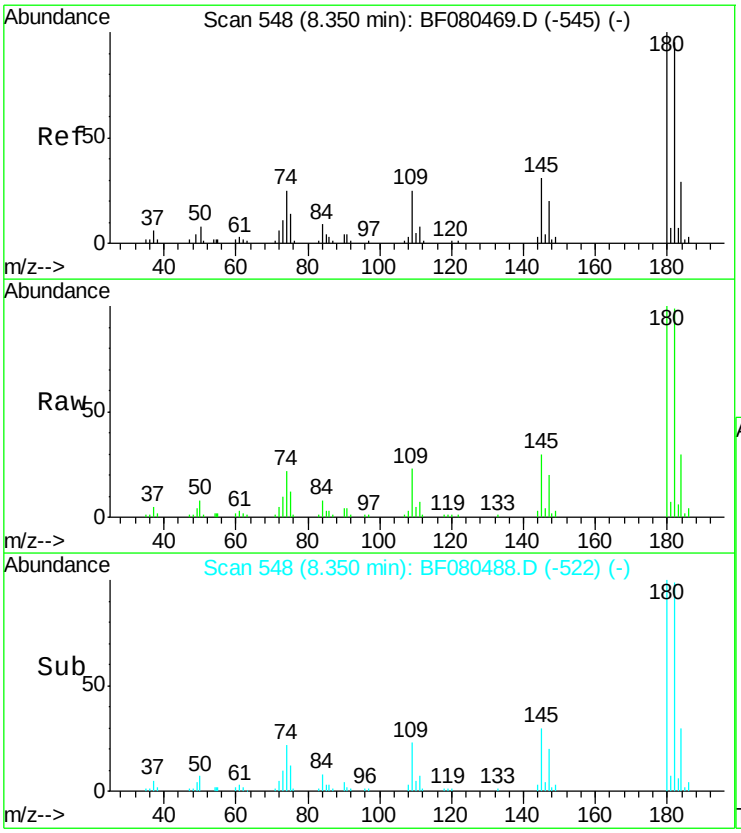
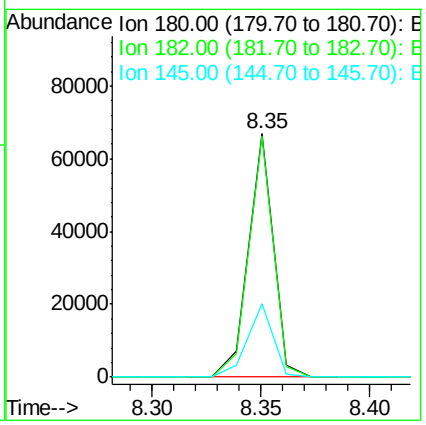
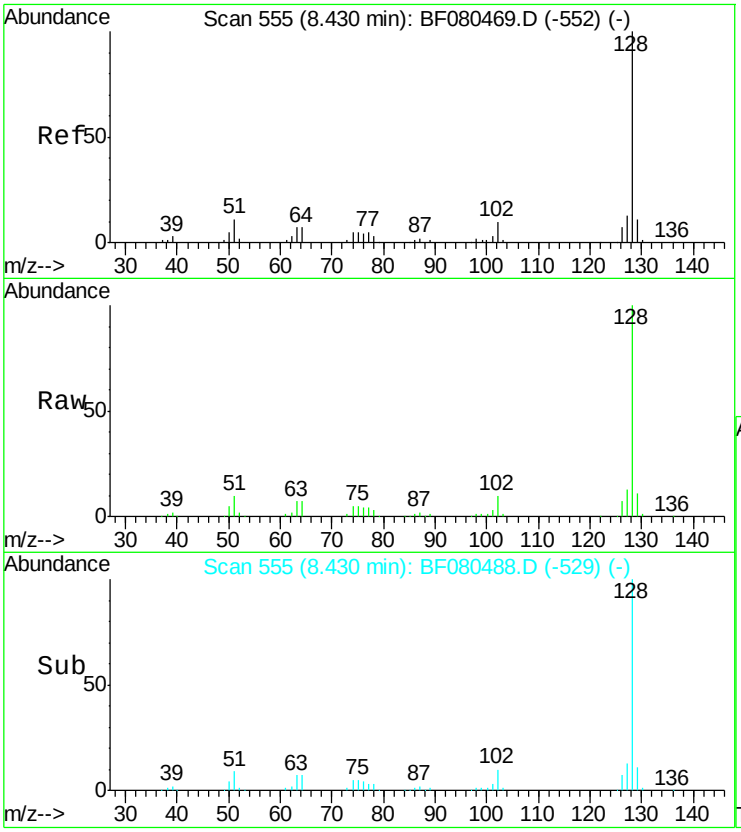



#30
1,2,4-Trichlorobenzene
Concen: 29.82 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:180 Resp: 53104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 99.1 | 76.4 | 114.6 |
| 145 | 30.1 | 24.8 | 37.2 |

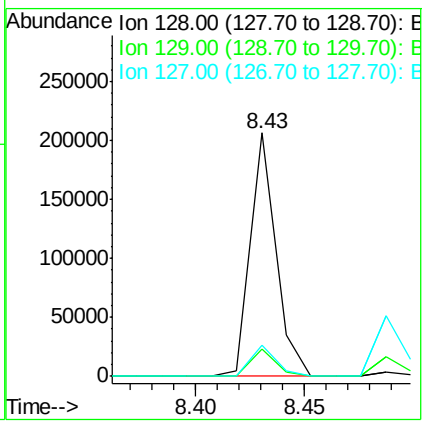





#31
Naphthalene
Concen: 31.93 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:128 Resp: 169221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.9 | 13.3 |
| 127 | 12.9 | 10.2 | 15.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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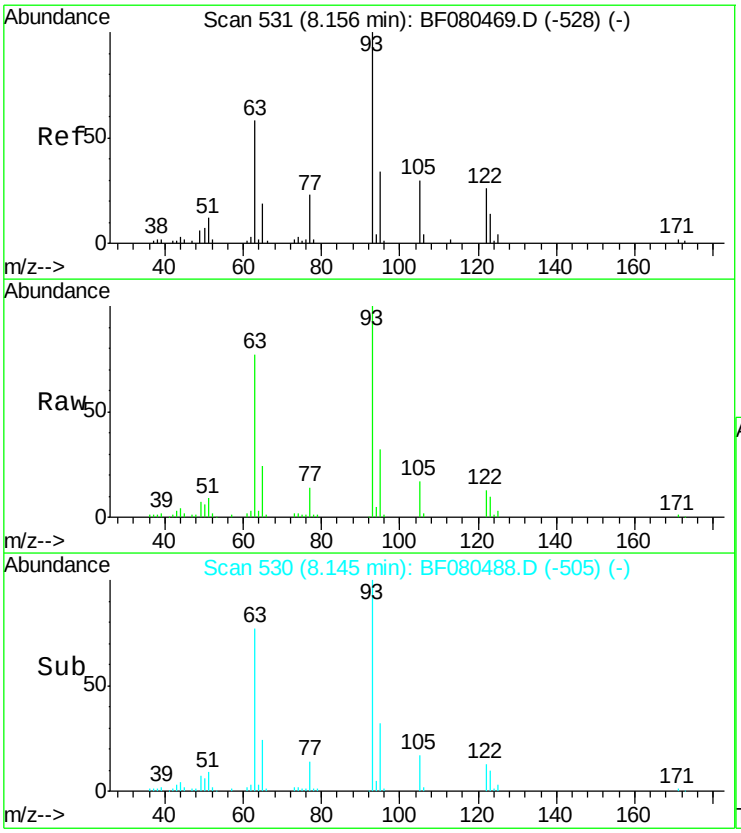
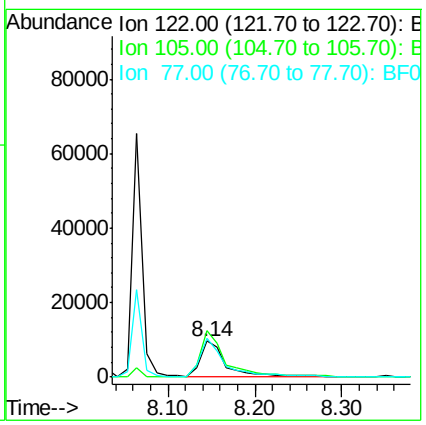
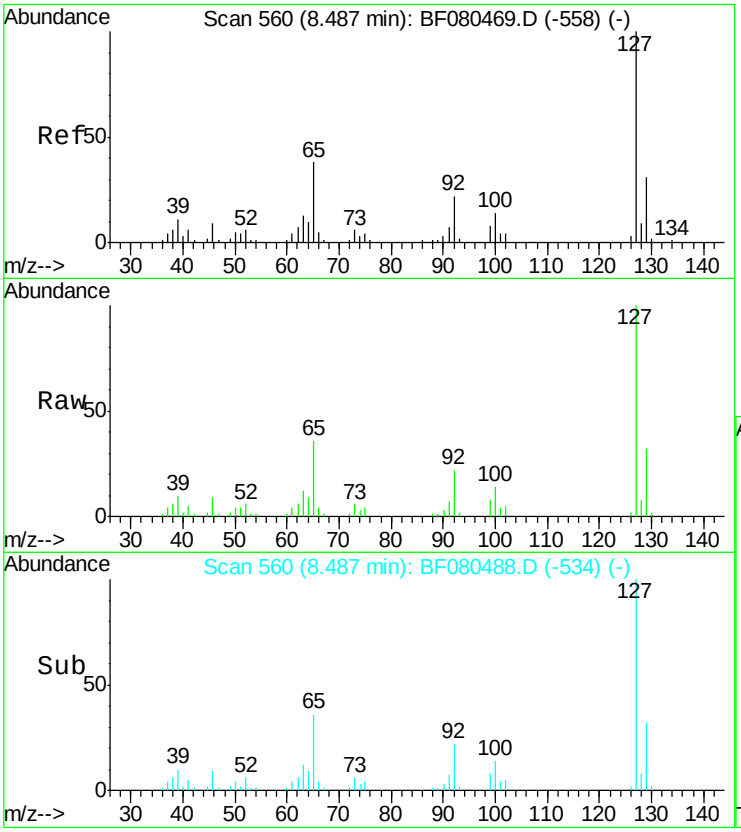



#32
Benzoic acid
Concen: 29.81 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:122 Resp: 20298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.5 | 95.4 | 135.4 |
| 77 | 106.8 | 70.0 | 110.0 |

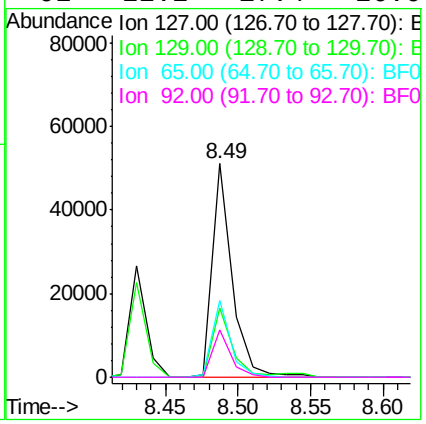





#33
4-Chloroaniline
Concen: 22.99 ng
RT: 8.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:127 Resp: 48508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.1 | 37.7 |
| 65 | 36.0 | 30.0 | 45.0 |
| 92 | 22.2 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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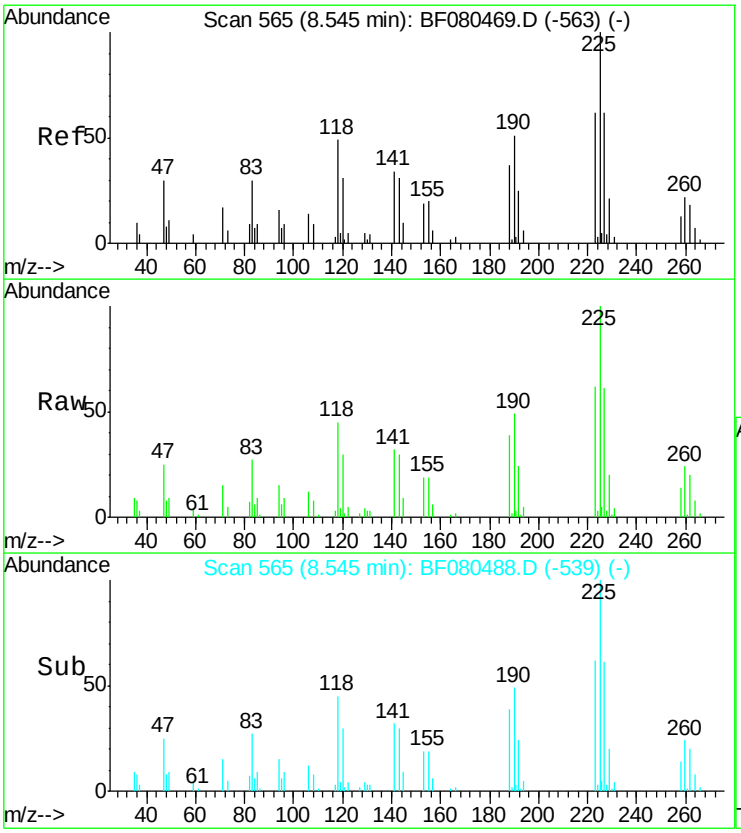
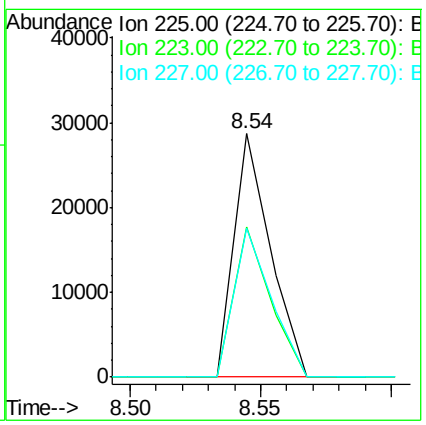
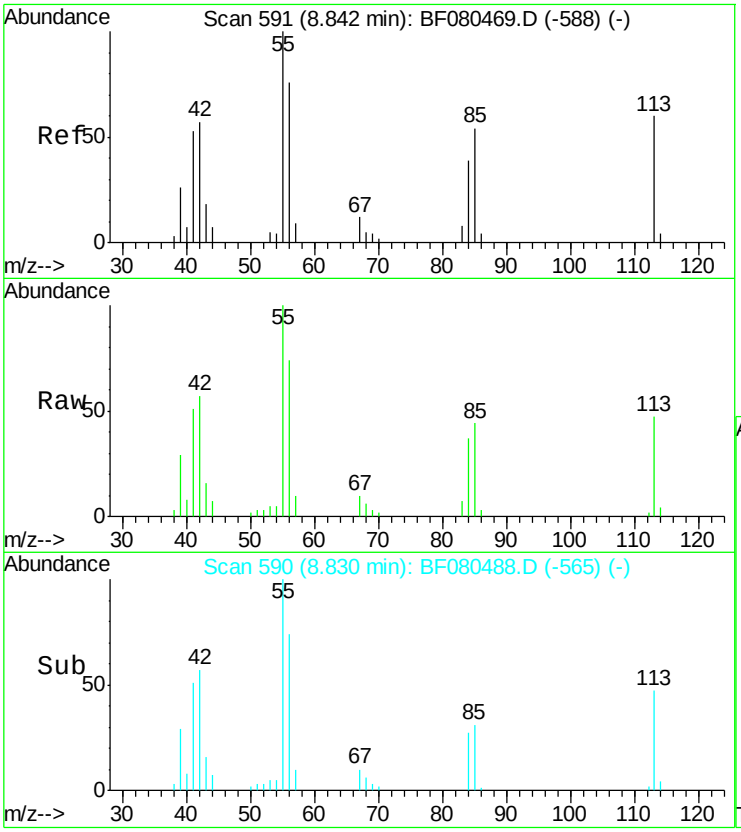



#34
Hexachlorobutadiene
Concen: 30.90 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:225 Resp: 27883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 49.9 | 74.9 |
| 227 | 61.0 | 49.2 | 73.8 |

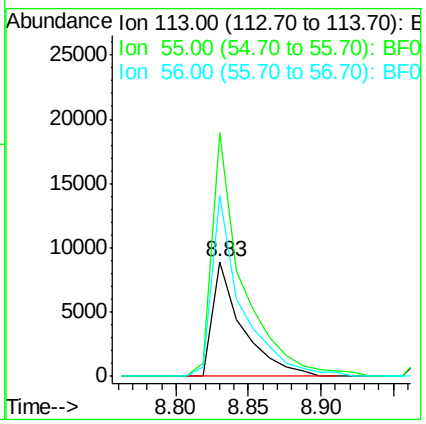





#35
Caprolactam
Concen: 34.35 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:113 Resp: 12685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 212.7 | 147.5 | 187.5# |
| 56 | 158.3 | 106.7 | 146.7# |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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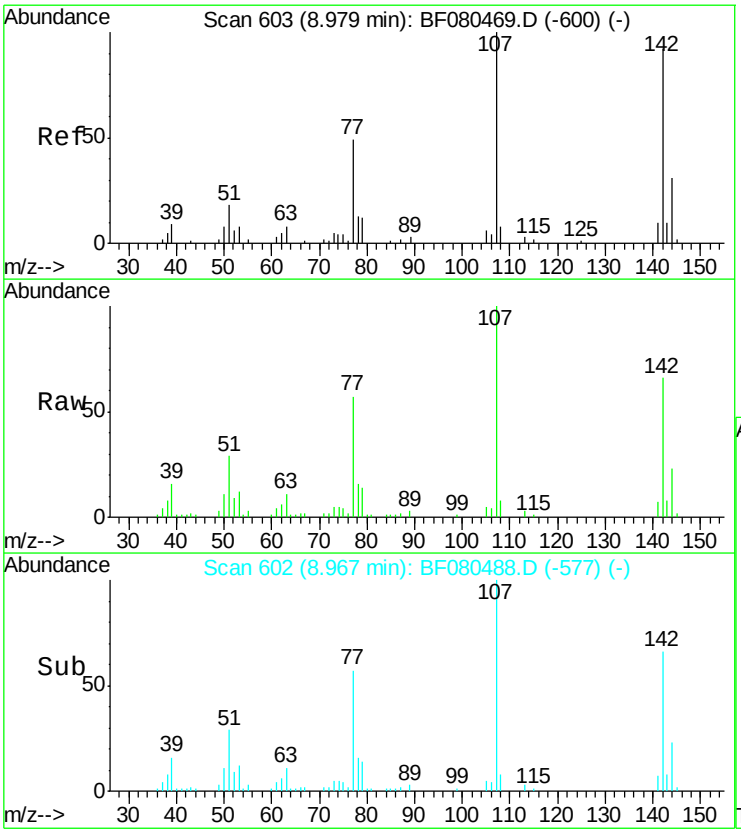
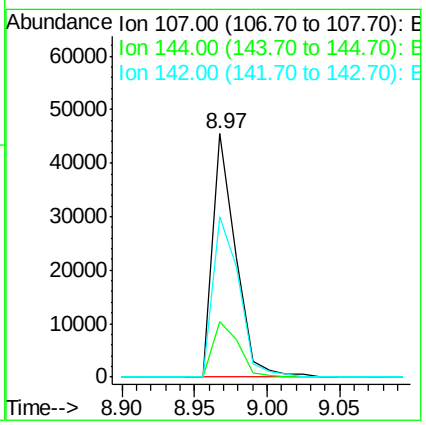
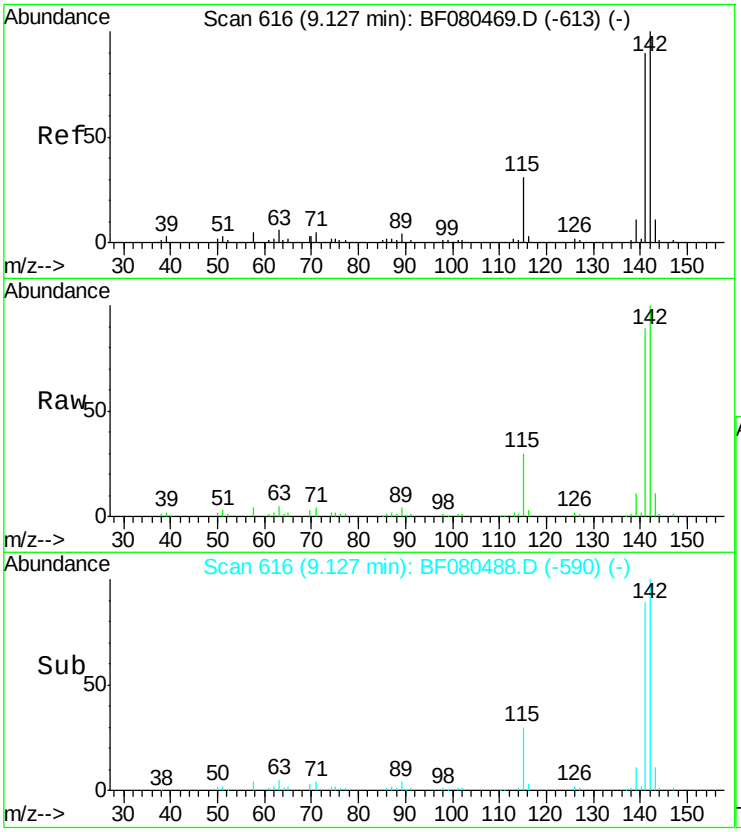



#36
4-Chloro-3-methylphenol
Concen: 35.76 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:107 Resp: 50100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.7 | 24.8 | 37.2# |
| 142 | 66.1 | 73.4 | 110.0# |

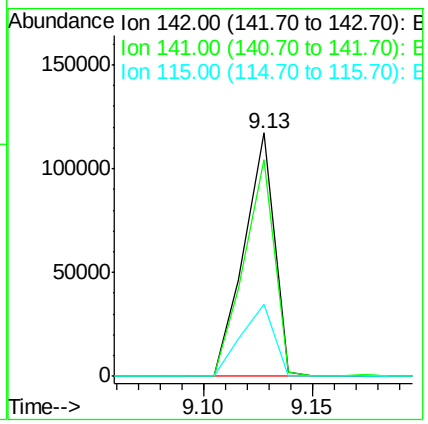





#37
2-Methylnaphthalene
Concen: 31.38 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:142 Resp: 113294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 71.6 | 107.4 |
| 115 | 29.6 | 24.6 | 37.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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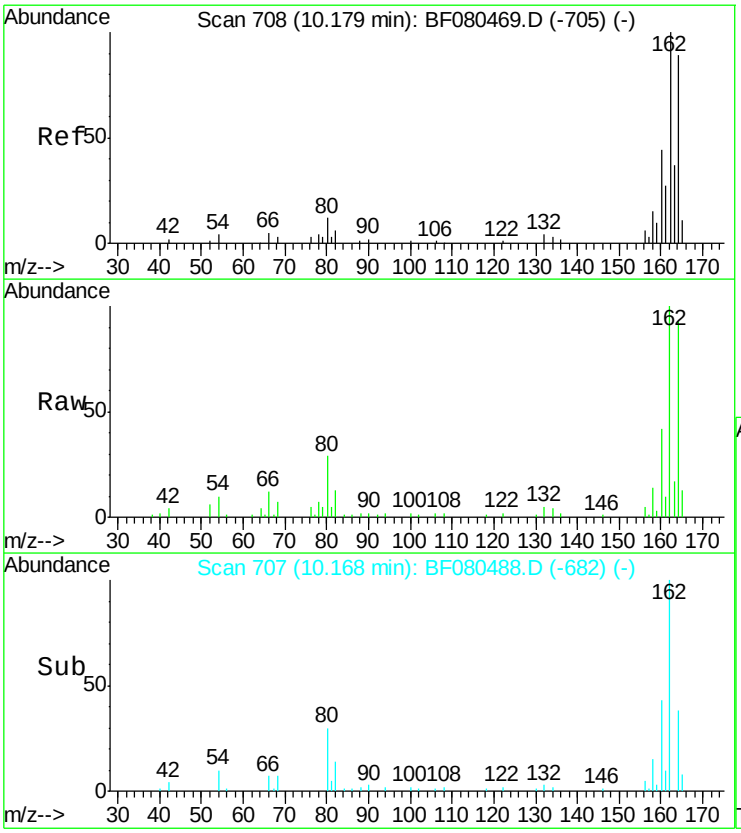
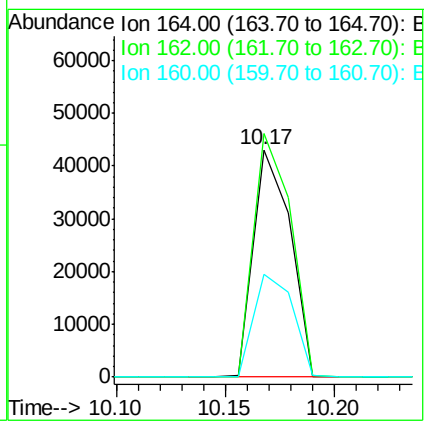
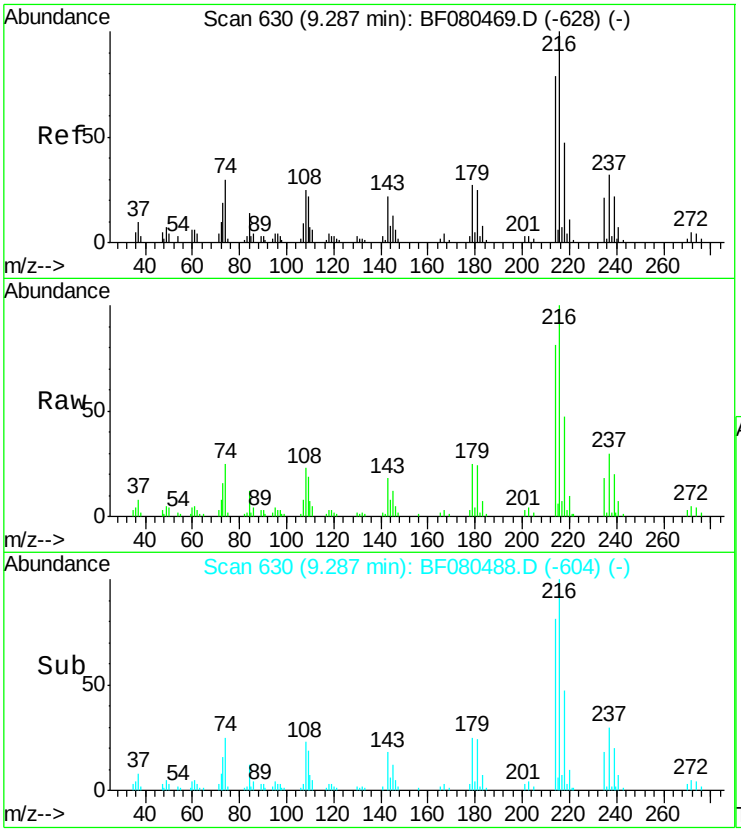



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:164 Resp: 51104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.3 | 89.8 | 134.8 |
| 160 | 45.1 | 39.5 | 59.3 |

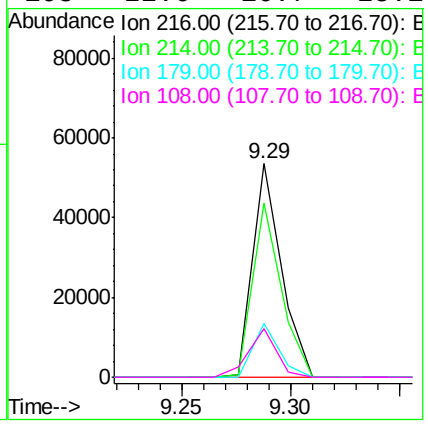





#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.89 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:216 Resp: 48992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.0 | 63.0 | 94.4 |
| 179 | 23.1 | 18.3 | 27.5 |
| 108 | 22.6 | 16.7 | 25.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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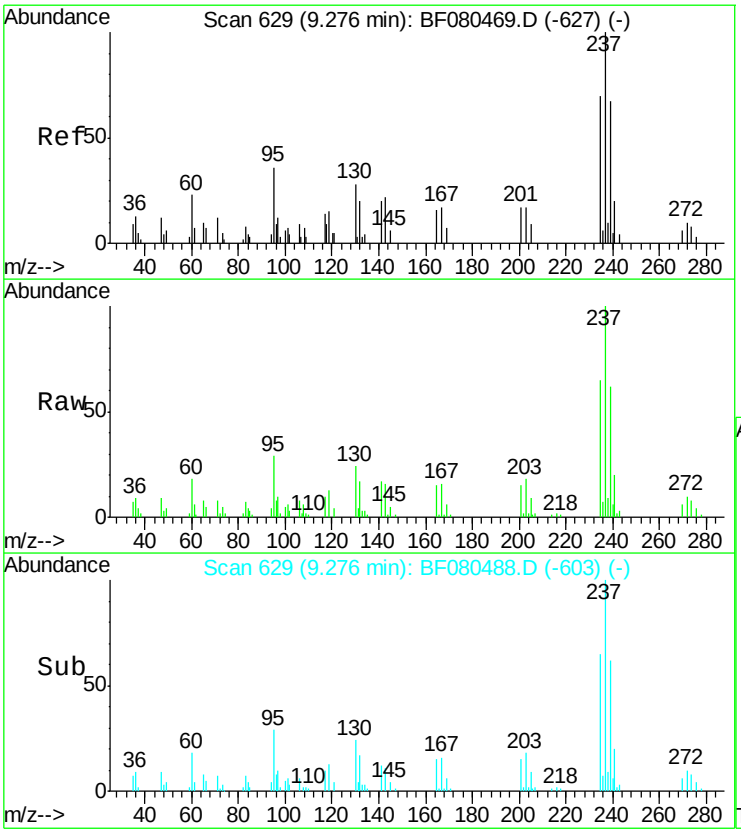
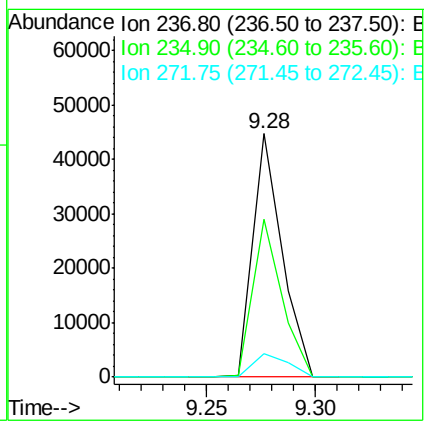
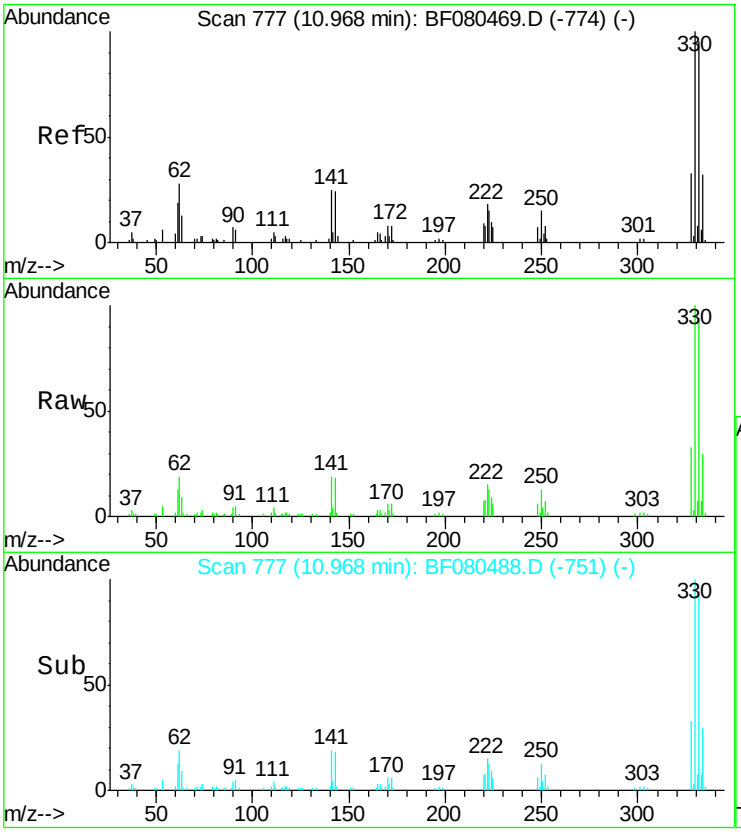



#40
Hexachlorocyclopentadiene
Concen: 53.16 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:237 Resp: 41851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.7 | 49.9 | 89.9 |
| 272 | 9.7 | 0.0 | 30.0 |

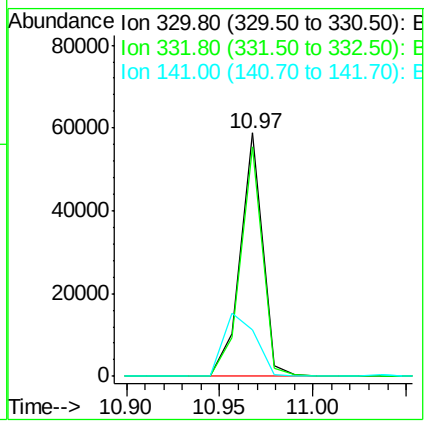





#41
2,4,6-Tribromophenol
Concen: 102.13 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:330 Resp: 49332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.3 | 76.2 | 114.4 |
| 141 | 37.1 | 29.8 | 44.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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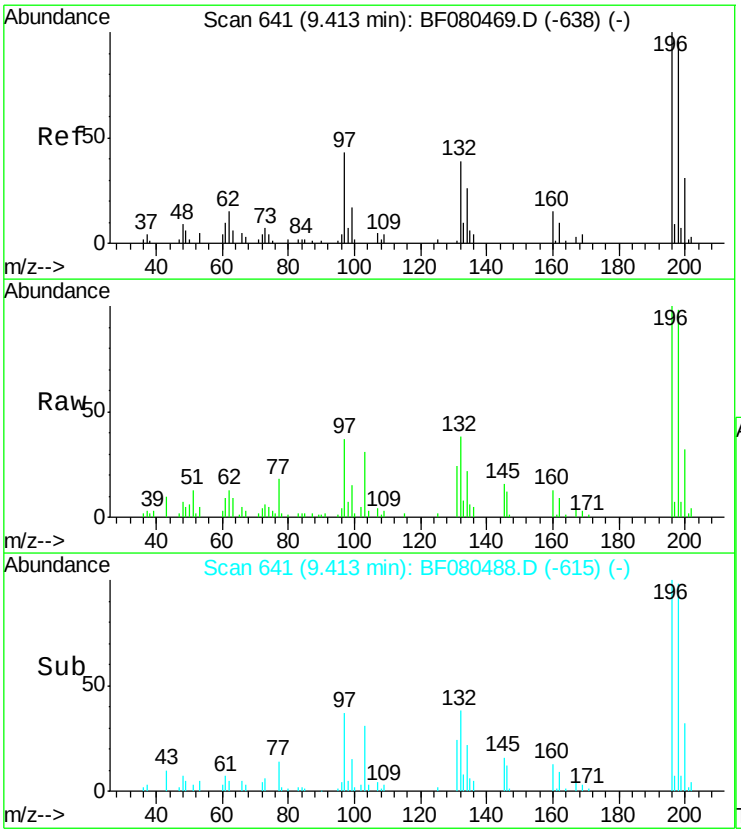
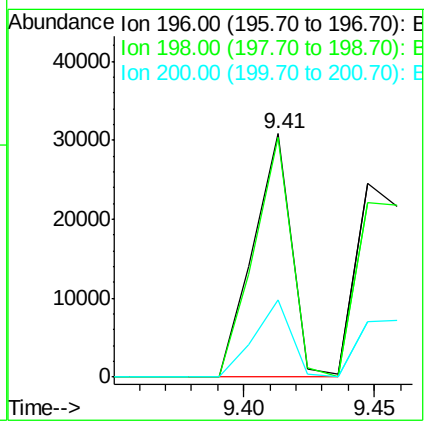
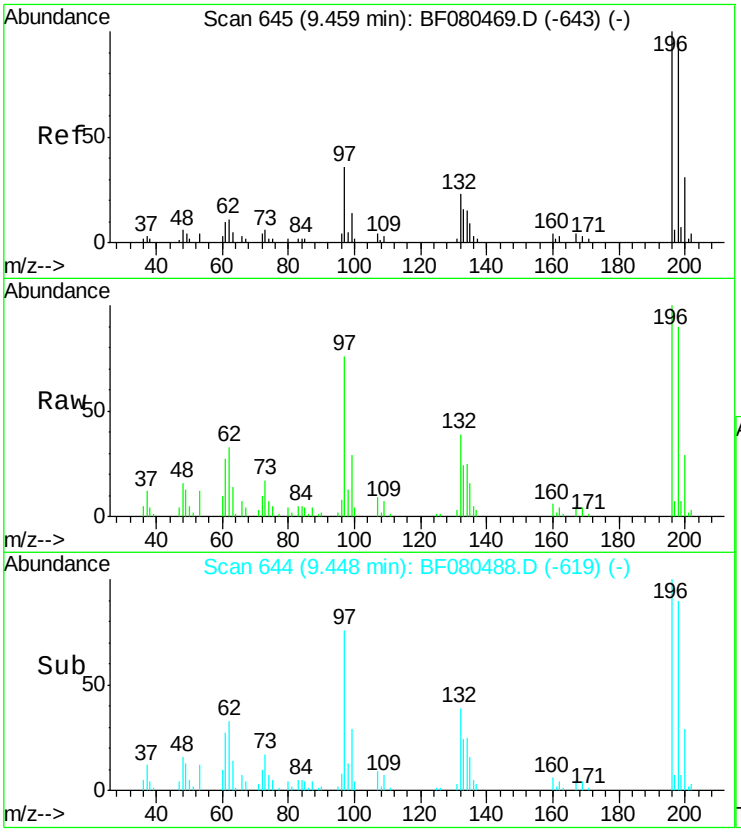



#42
2,4,6-Trichlorophenol
Concen: 30.04 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:196 Resp: 31670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.4 | 77.2 | 115.8 |
| 200 | 31.7 | 24.7 | 37.1 |

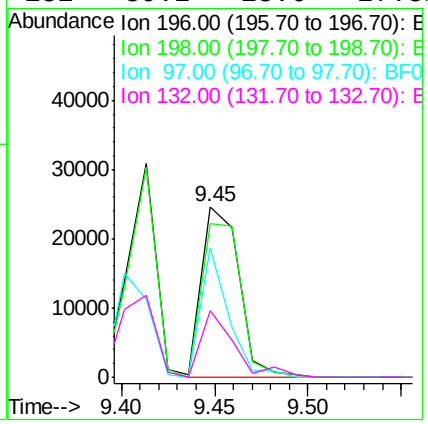





#43
2,4,5-Trichlorophenol
Concen: 32.14 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:196 Resp: 34135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 90.0 | 77.0 | 115.6 |
| 97 | 76.1 | 28.6 | 43.0# |
| 132 | 39.2 | 18.6 | 27.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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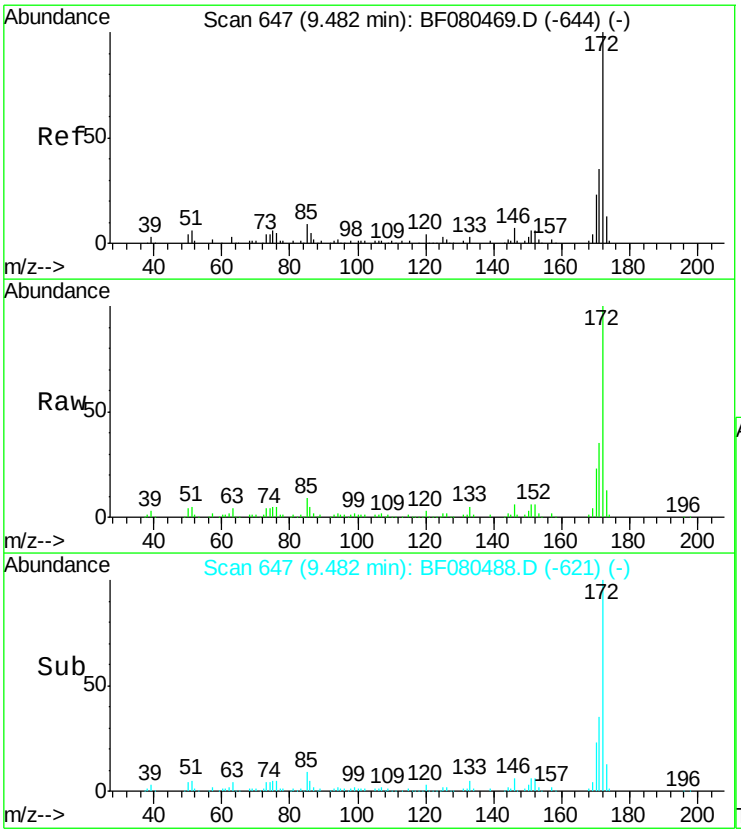
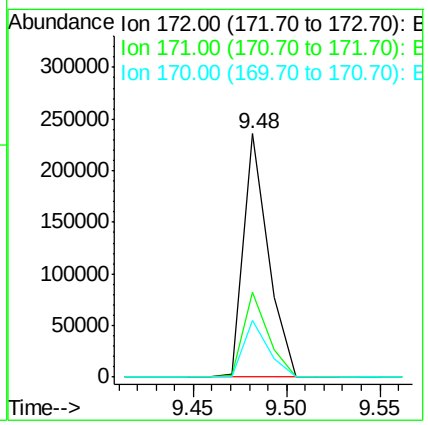
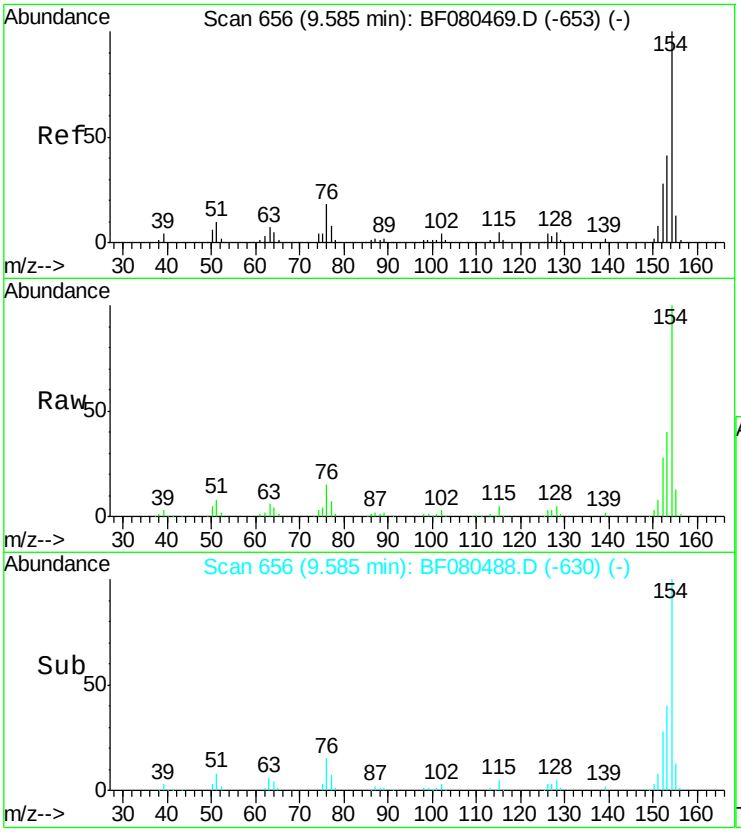



#44
2-Fluorobiphenyl
Concen: 58.12 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:172 Resp: 216769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 27.9 | 41.9 |
| 170 | 23.1 | 18.5 | 27.7 |

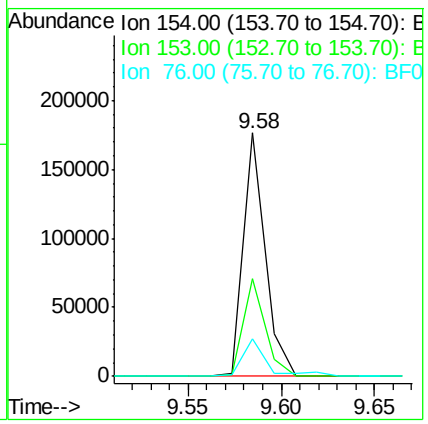





#45
1,1'-Biphenyl
Concen: 32.72 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:154 Resp: 143909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.8 | 60.8 |
| 76 | 15.3 | 0.0 | 37.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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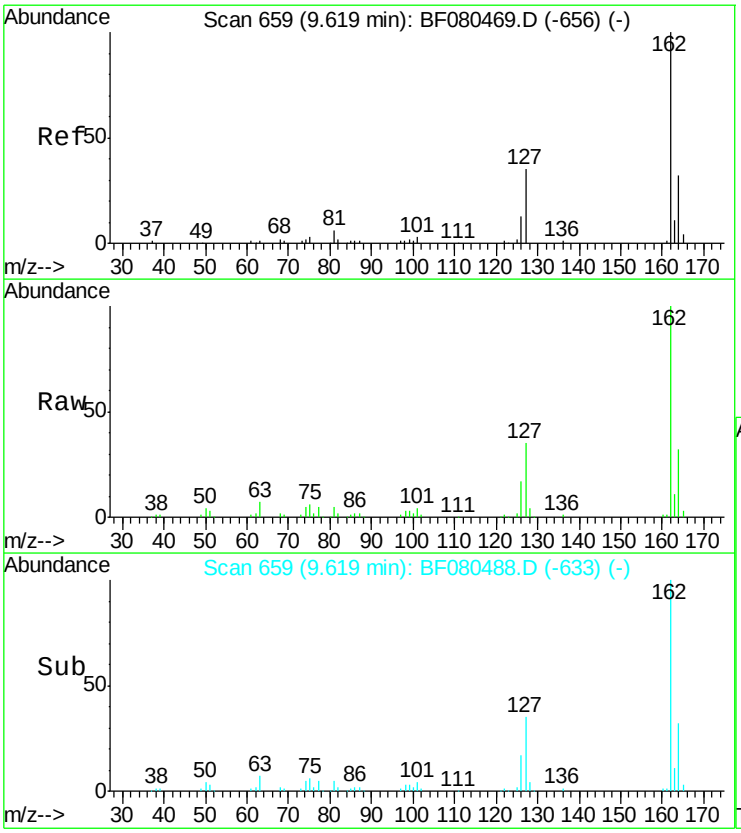
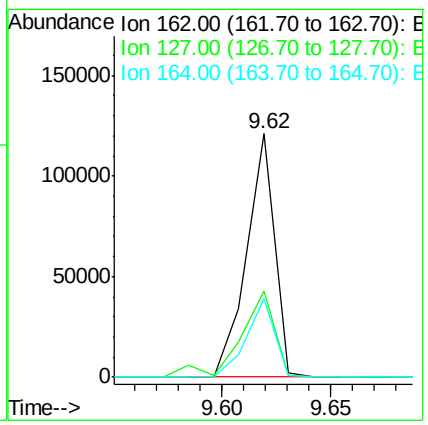
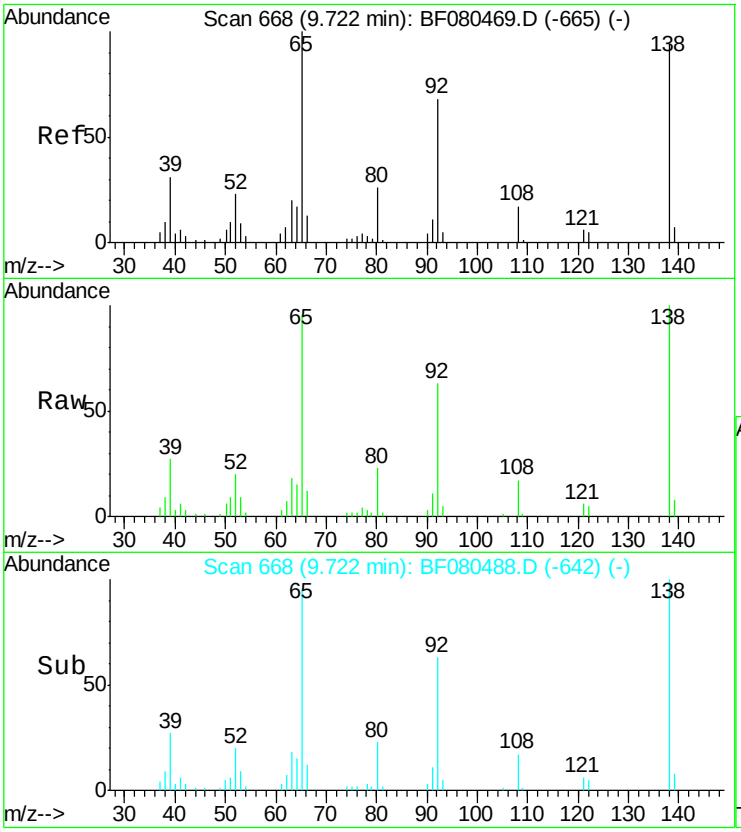



#46
2-Chloronaphthalene
Concen: 29.90 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:162 Resp: 108015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.2 | 30.4 | 45.6 |
| 164 | 32.1 | 25.8 | 38.8 |

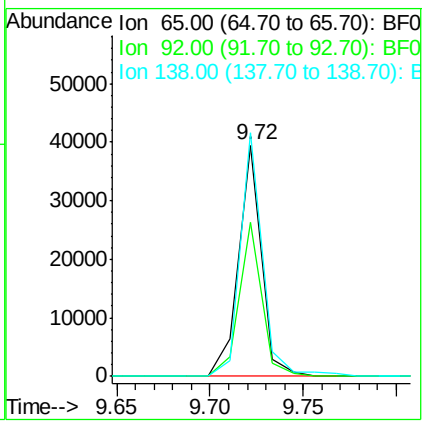





#47
2-Nitroaniline
Concen: 32.56 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 65 Resp: 33931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.7 | 54.7 | 82.1 |
| 138 | 105.5 | 75.3 | 112.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
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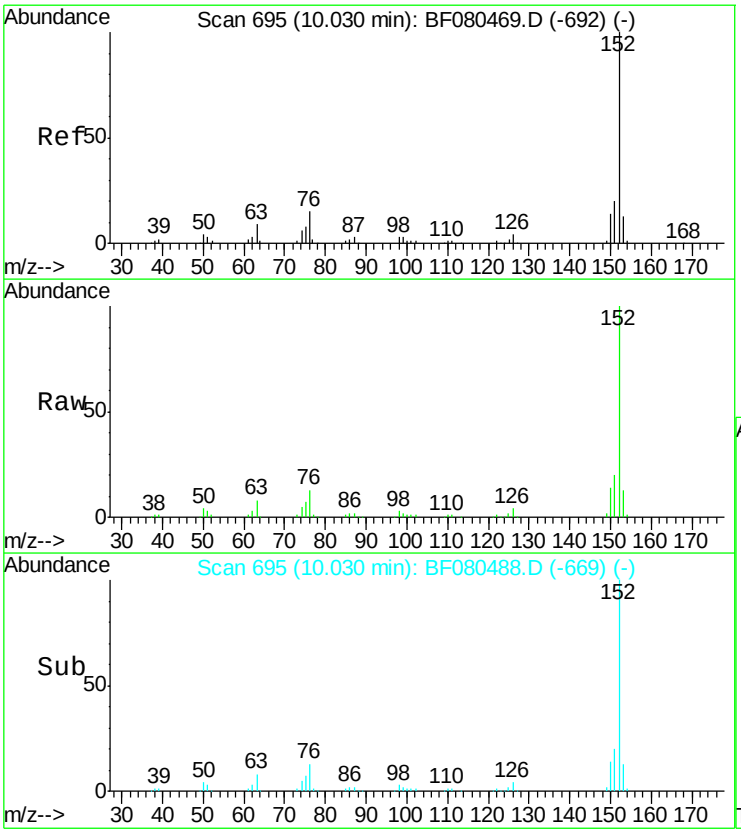
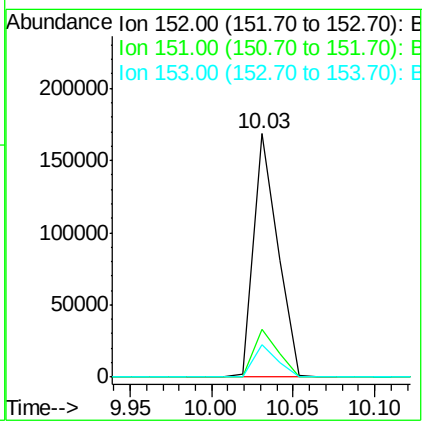
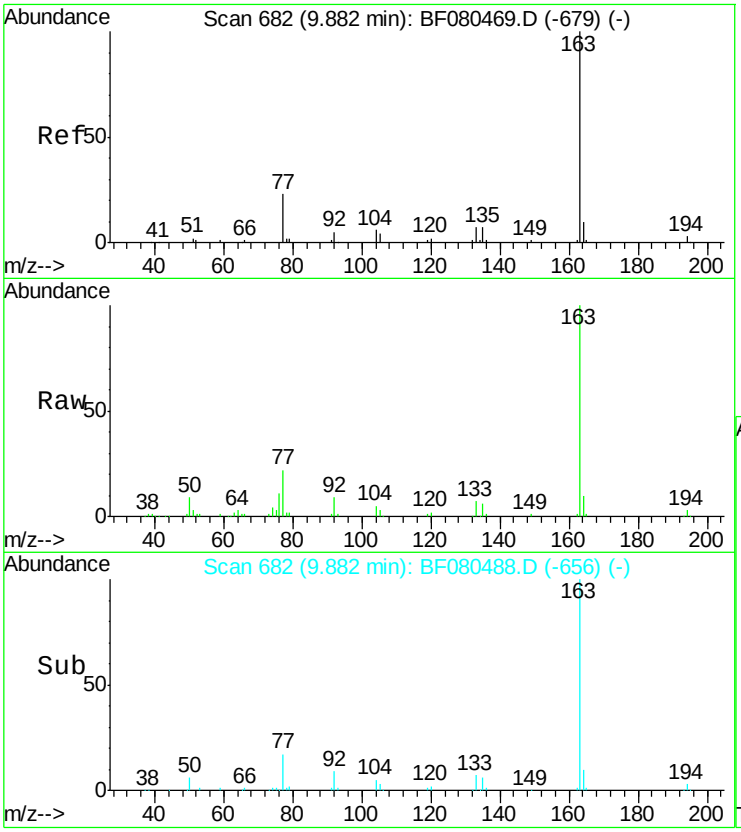



#48
Acenaphthylene
Concen: 31.76 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:152 Resp: 173533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 16.1 | 24.1 |
| 153 | 13.1 | 10.5 | 15.7 |

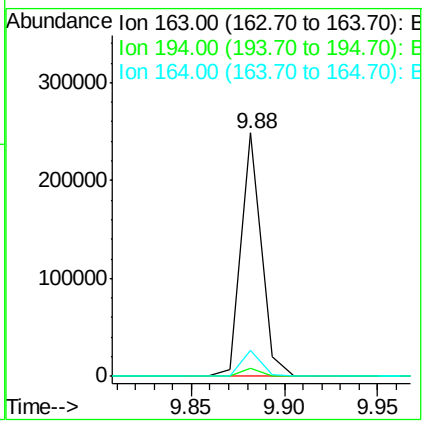





#49
Dimethylphthalate
Concen: 46.75 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:163 Resp: 189114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 3.8 |
| 164 | 10.5 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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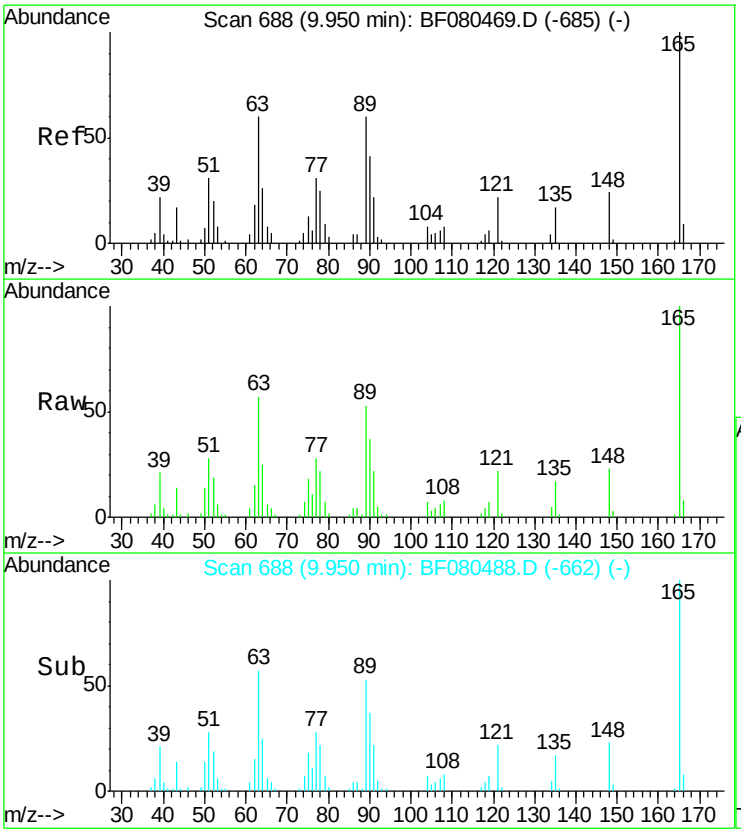
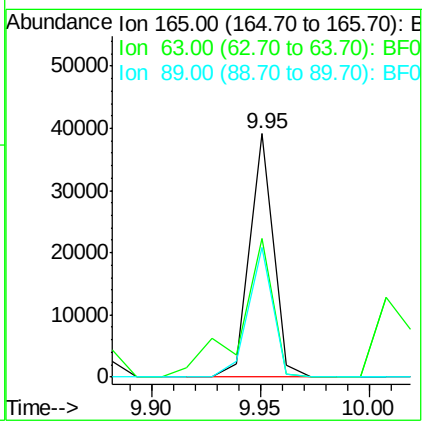
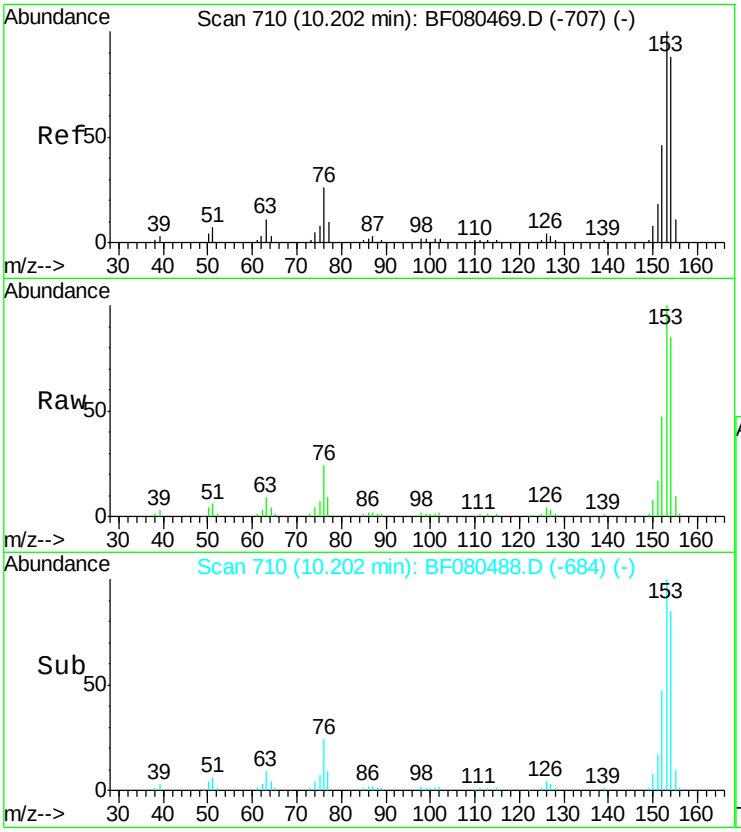



#50
2,6-Dinitrotoluene
Concen: 33.95 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:165 Resp: 29559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.7 | 49.6 | 74.4 |
| 89 | 53.5 | 47.6 | 71.4 |

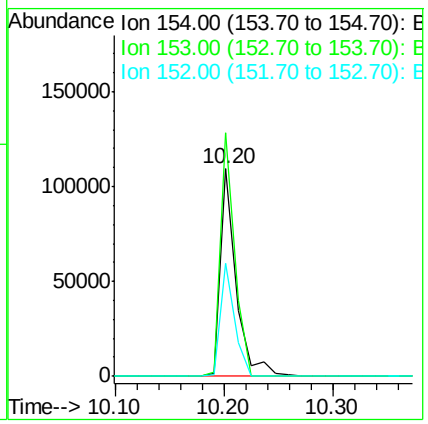





#51
Acenaphthene
Concen: 33.44 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:154 Resp: 111131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 117.2 | 90.6 | 136.0 |
| 152 | 54.7 | 41.7 | 62.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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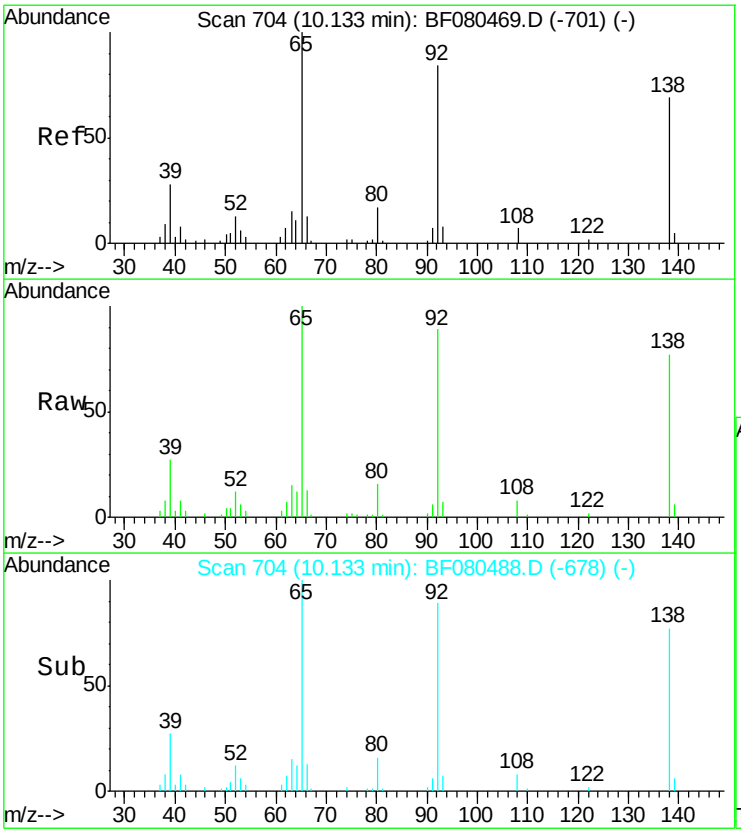
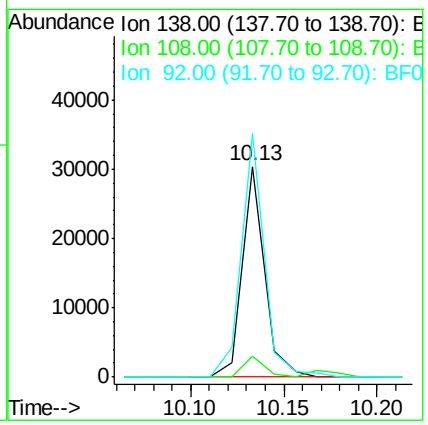
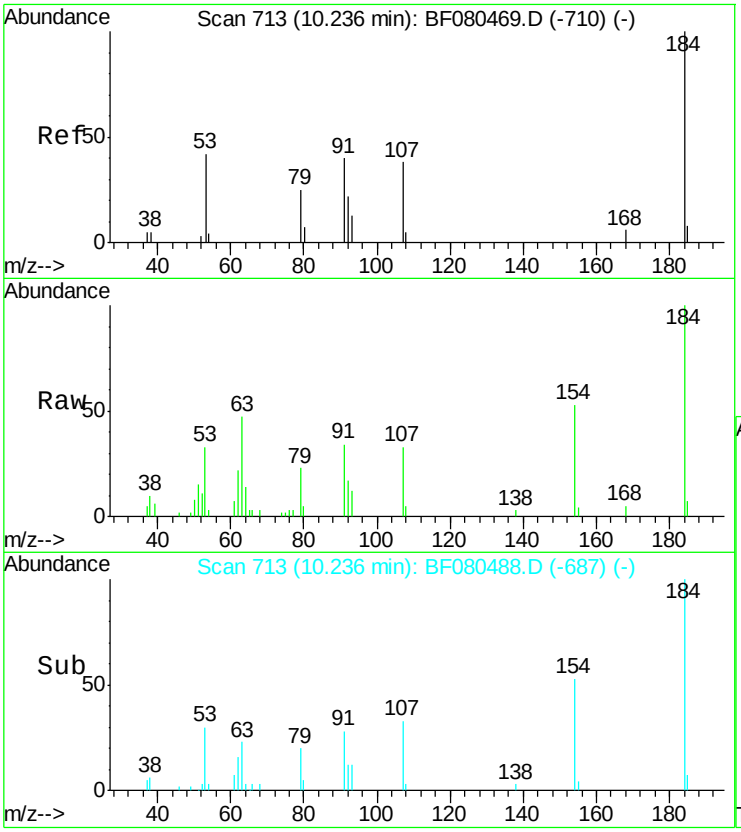



#52
3-Nitroaniline
Concen: 27.21 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:138 Resp: 25497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 8.6 | 12.8 |
| 92 | 115.5 | 98.4 | 147.6 |

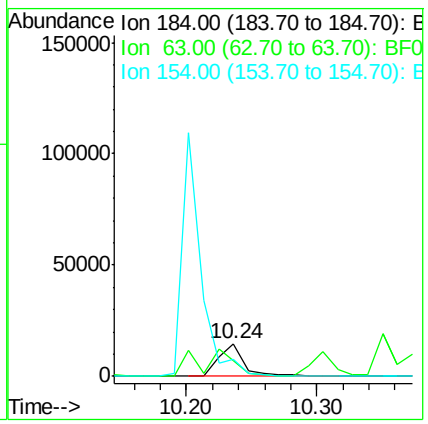





#53
2,4-Dinitrophenol
Concen: 58.13 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:184 Resp: 19637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 46.8 | 42.5 | 63.7 |
| 154 | 53.1 | 49.4 | 74.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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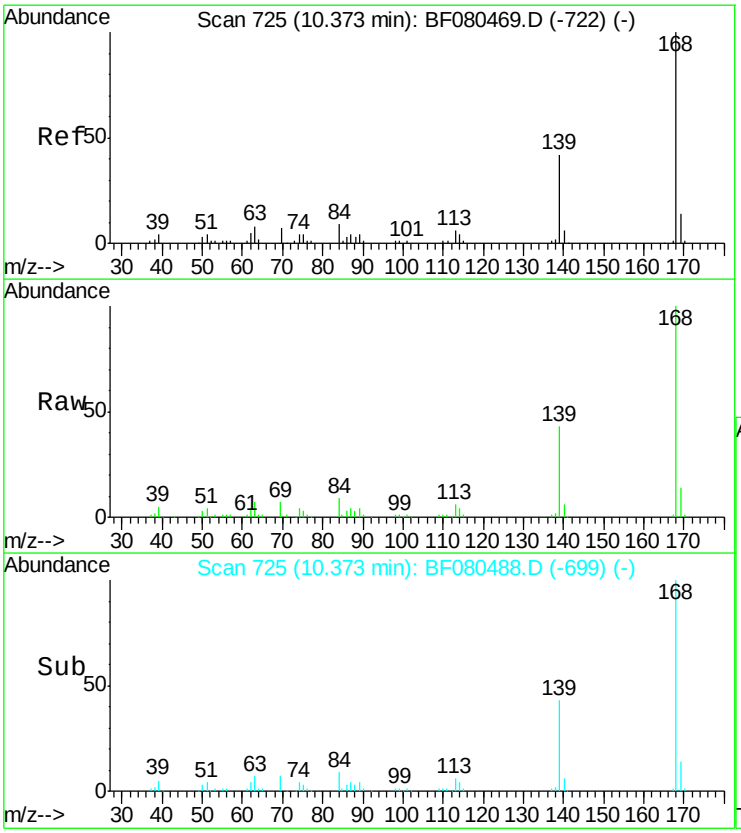
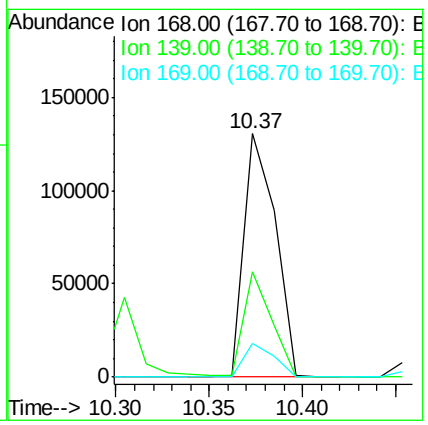
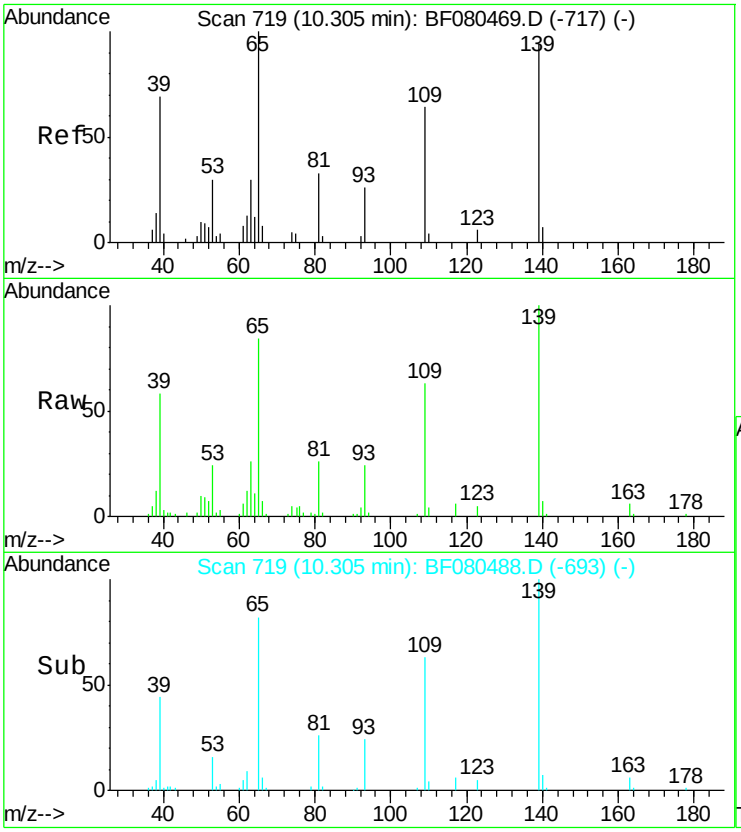



#54
Dibenzofuran
Concen: 32.41 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:168 Resp: 151923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.2 | 34.2 | 51.2 |
| 169 | 13.8 | 11.4 | 17.2 |

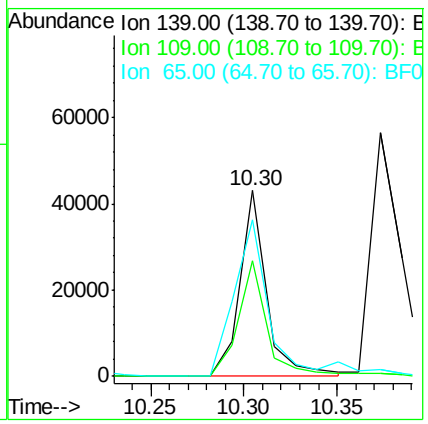





#55
4-Nitrophenol
Concen: 63.80 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:139 Resp: 43443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.6 | 48.1 | 88.1 |
| 65 | 84.5 | 86.0 | 126.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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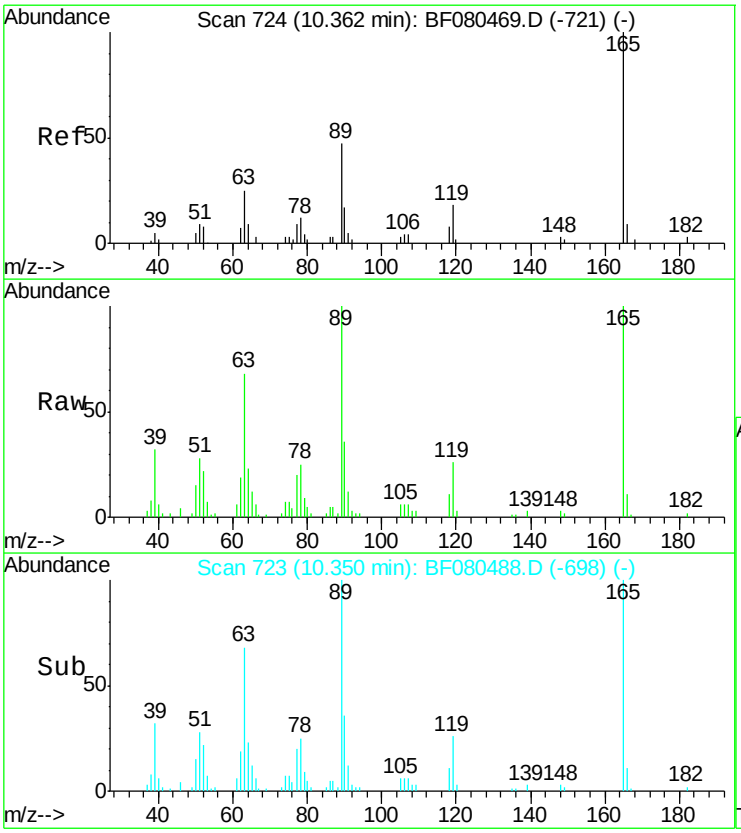
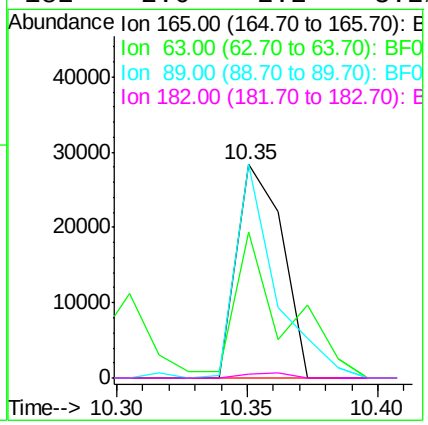
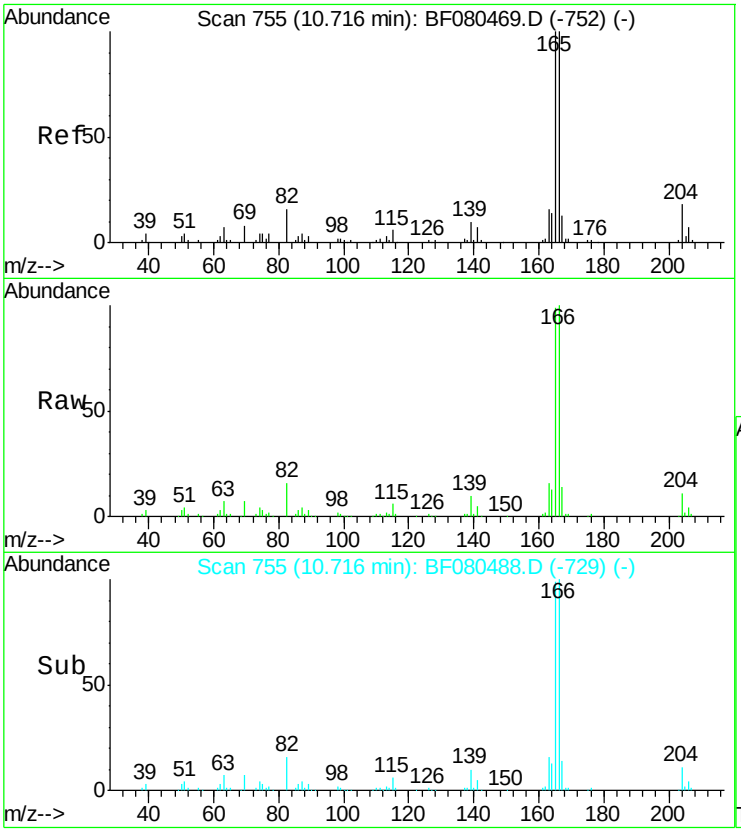



#56
2,4-Dinitrotoluene
Concen: 35.16 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:165 Resp: 34680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.5 | 21.7 | 32.5# |
| 89 | 99.9 | 37.4 | 56.2# |
| 182 | 2.0 | 2.2 | 3.2# |

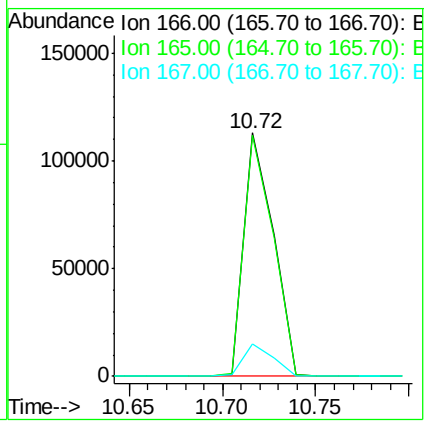





#57
Fluorene
Concen: 32.78 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:166 Resp: 123540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 79.8 | 119.8 |
| 167 | 13.5 | 10.5 | 15.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
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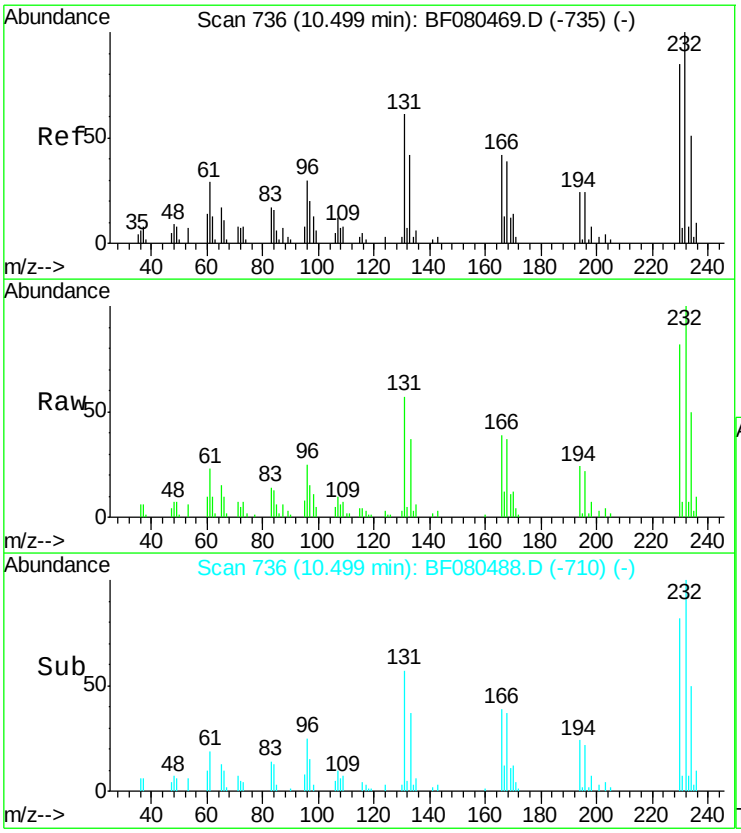
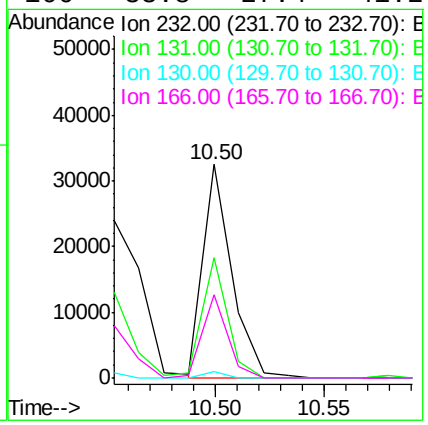
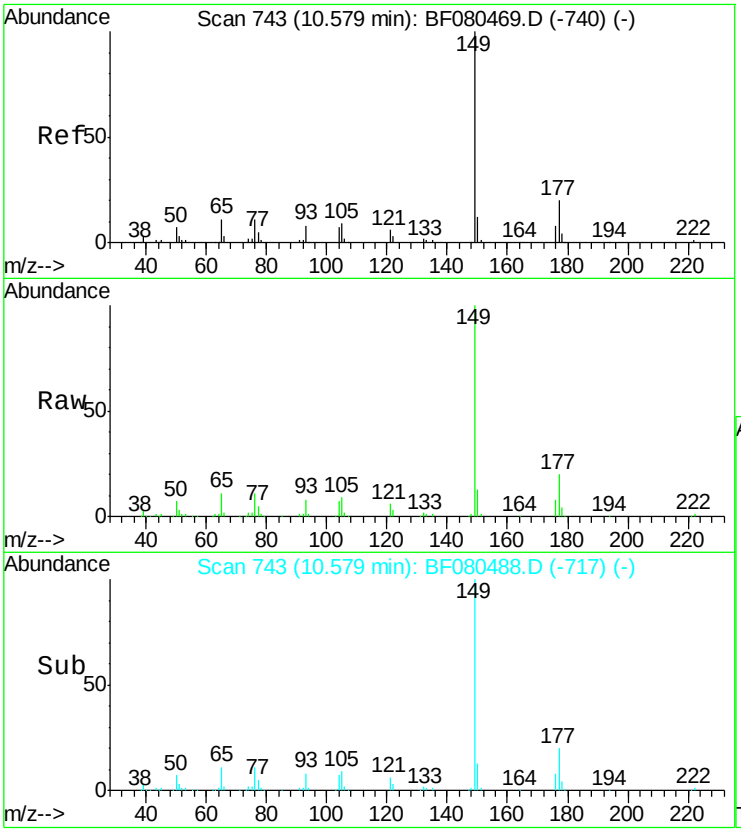



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.67 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:232 Resp: 29821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.8 | 40.0 | 60.0 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 33.8 | 27.4 | 41.2 |

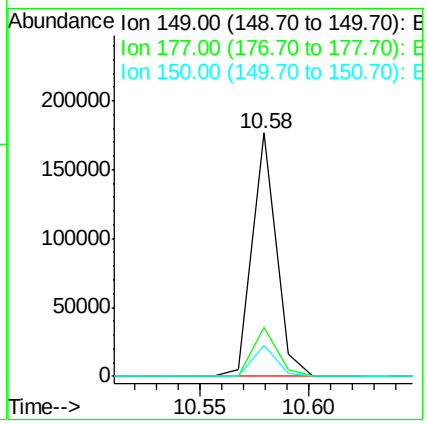





#59
Diethylphthalate
Concen: 33.77 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:149 Resp: 135185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.3 | 16.2 | 24.4 |
| 150 | 12.6 | 9.9 | 14.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
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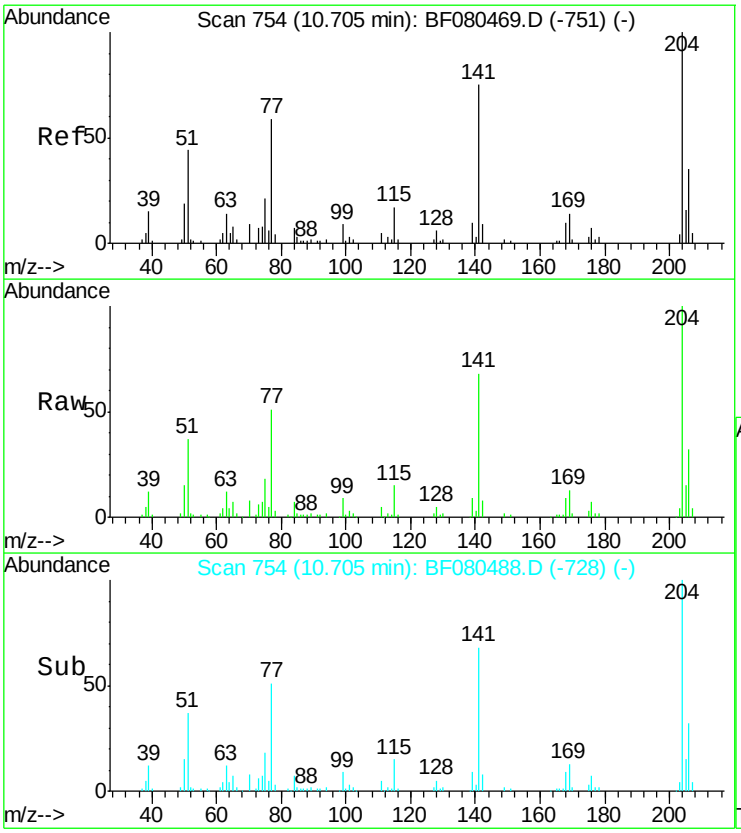
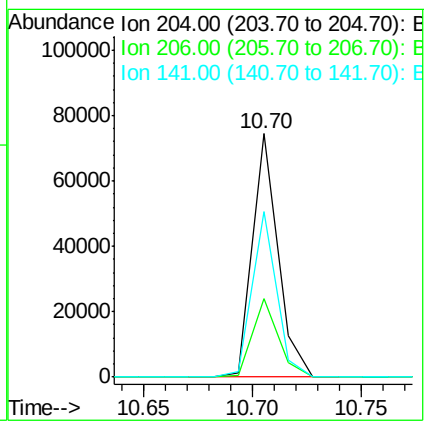
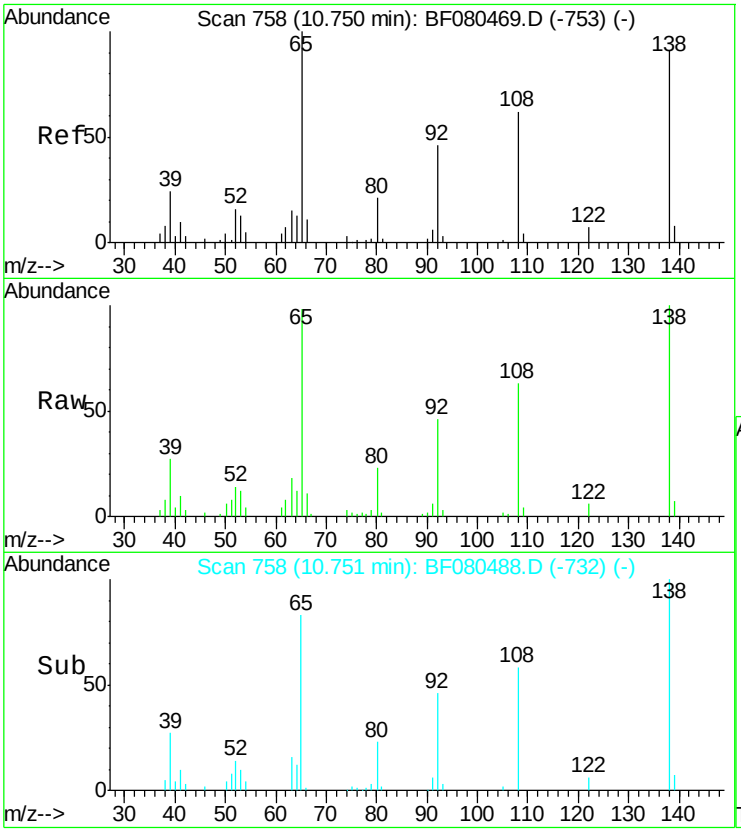



#60
4-Chlorophenyl-phenylether
Concen: 34.33 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:204 Resp: 60680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 27.7 | 41.5 |
| 141 | 68.1 | 59.6 | 89.4 |

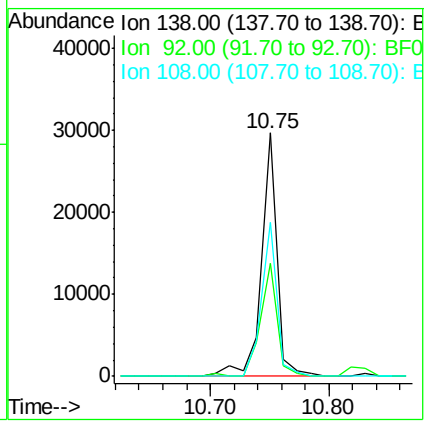





#61
4-Nitroaniline
Concen: 32.03 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:138 Resp: 27237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.2 | 30.5 | 70.5 |
| 108 | 63.4 | 48.1 | 88.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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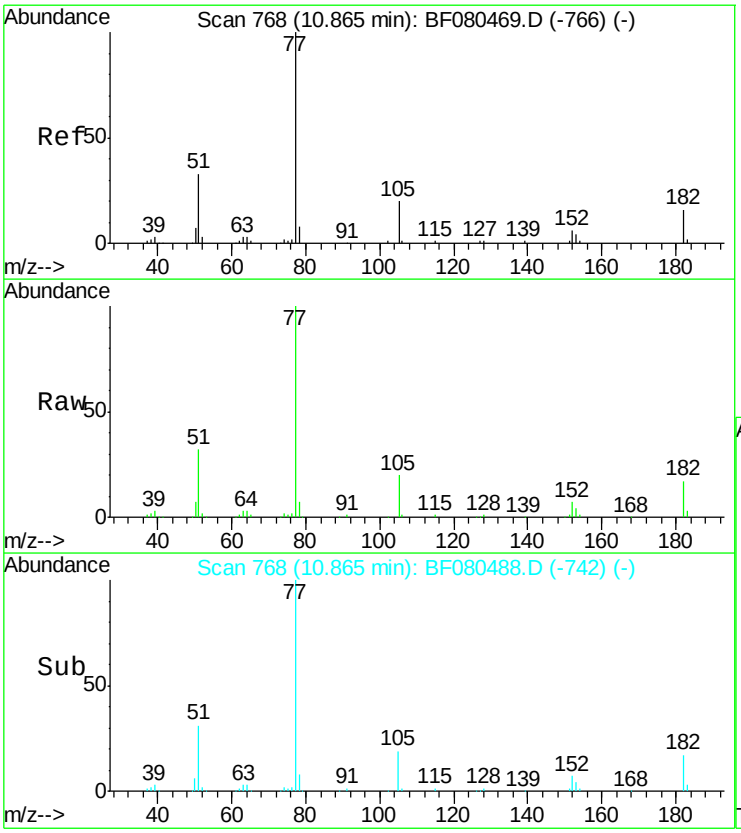
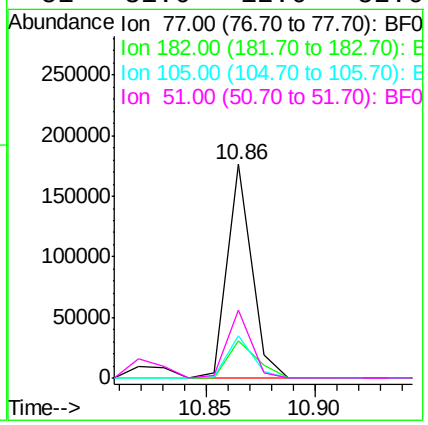
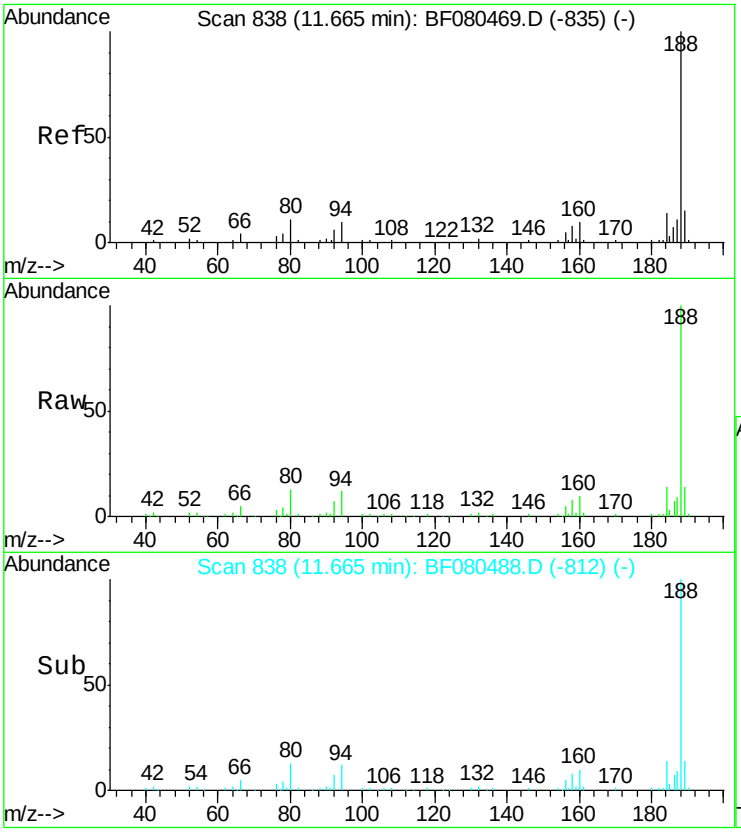



#62
Azobenzene
Concen: 35.90 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 77 Resp: 137341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 17.2 | 0.0 | 36.0 |
| 105 | 19.8 | 0.1 | 40.1 |
| 51 | 31.6 | 12.6 | 52.6 |

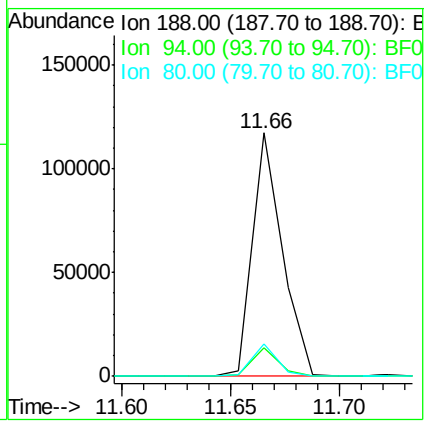





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:188 Resp: 111839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.0 | 7.7 | 11.5# |
| 80 | 13.5 | 8.8 | 13.2# |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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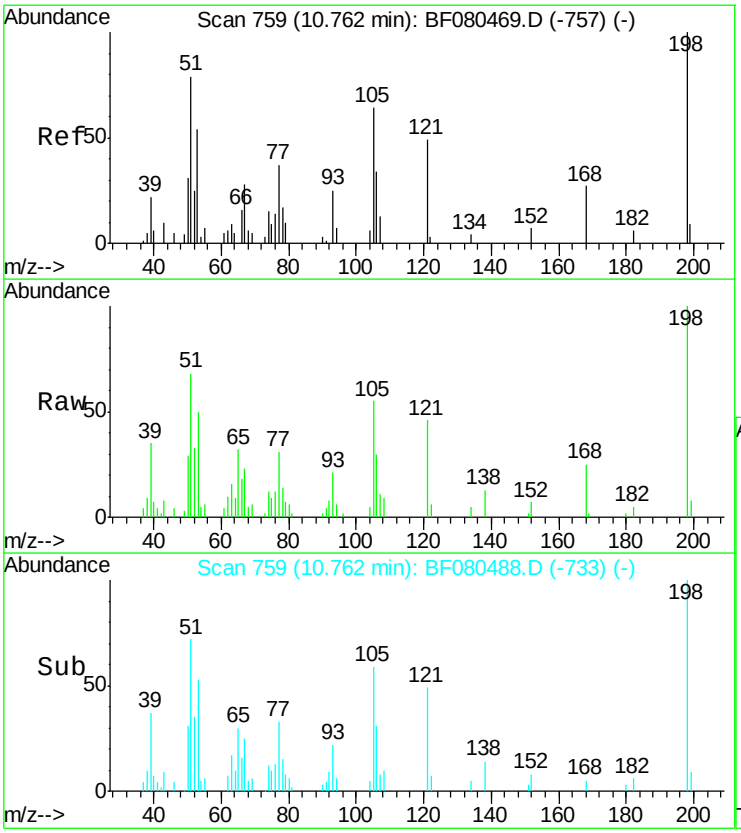
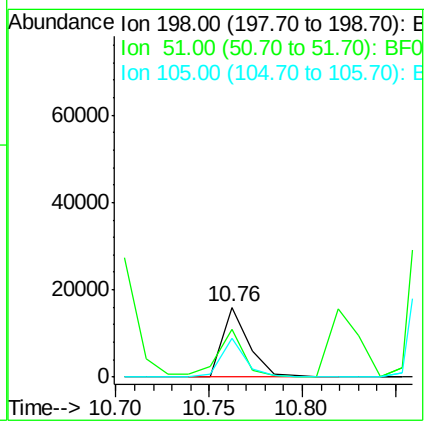
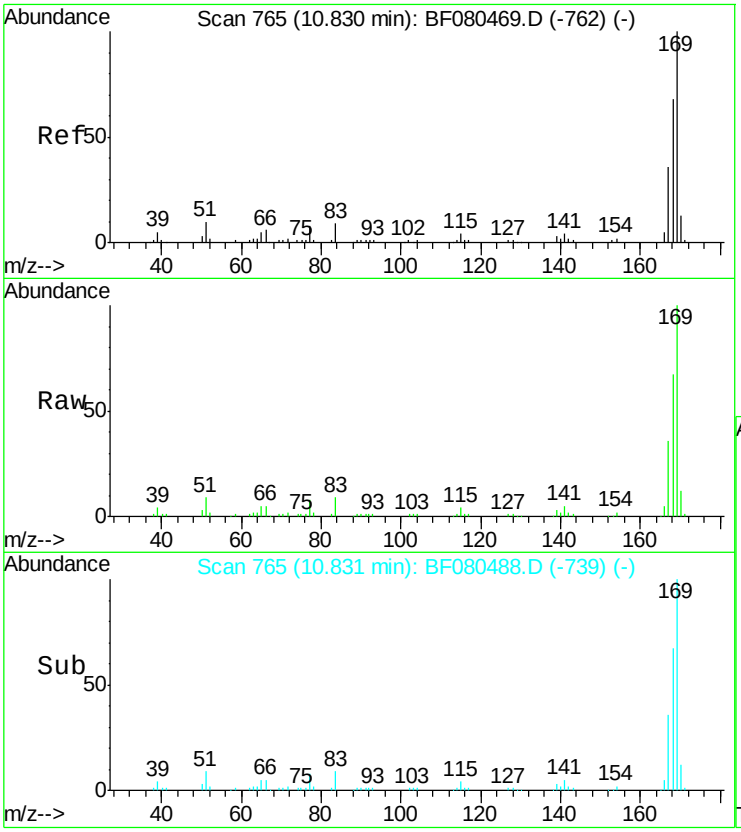



#64
4,6-Dinitro-2-methylphenol
Concen: 29.93 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:198 Resp: 15860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 67.6 | 62.5 | 102.5 |
| 105 | 55.2 | 43.6 | 83.6 |

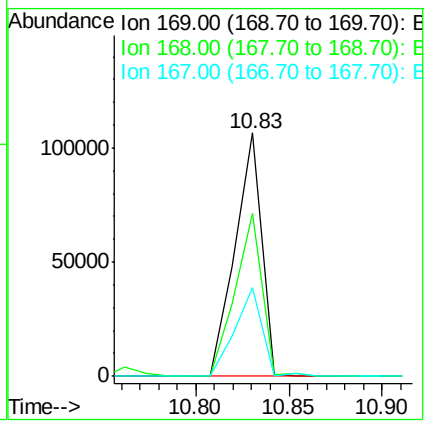





#65
n-Nitrosodiphenylamine
Concen: 29.42 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:169 Resp: 106876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 54.1 | 81.1 |
| 167 | 36.3 | 29.0 | 43.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
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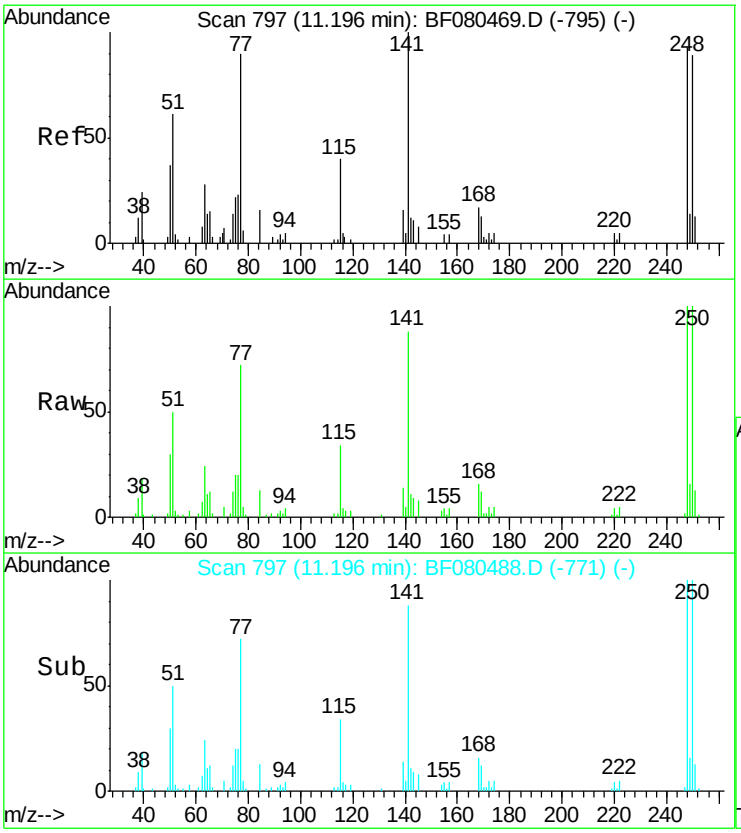
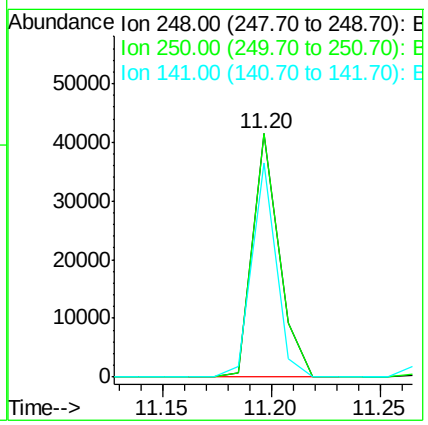
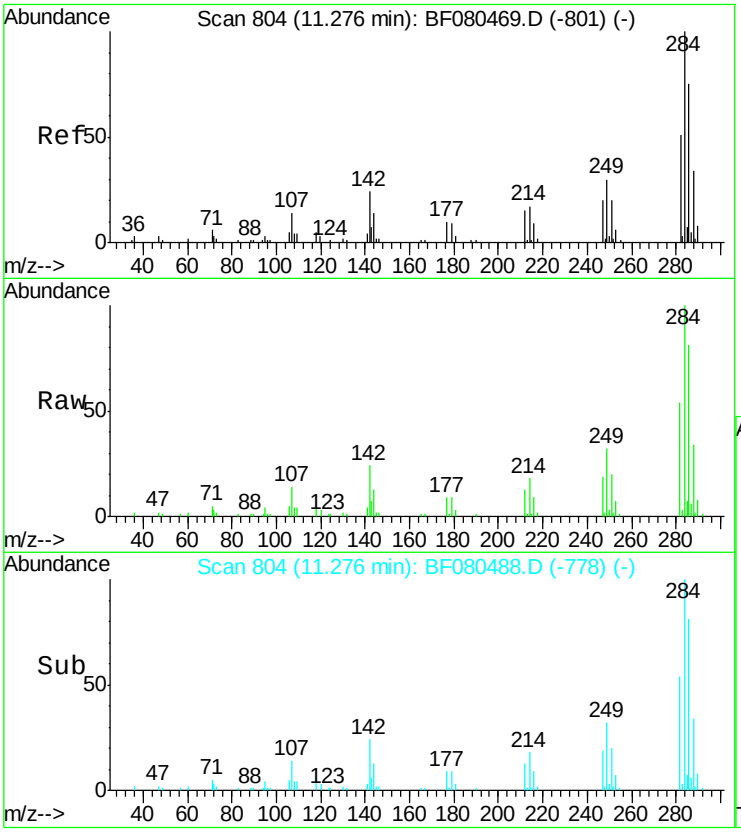



#66
4-Bromophenyl-phenylether
Concen: 31.59 ng
RT: 11.20 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:248 Resp: 35233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.0 | 76.8 | 115.2 |
| 141 | 88.1 | 86.3 | 129.5 |

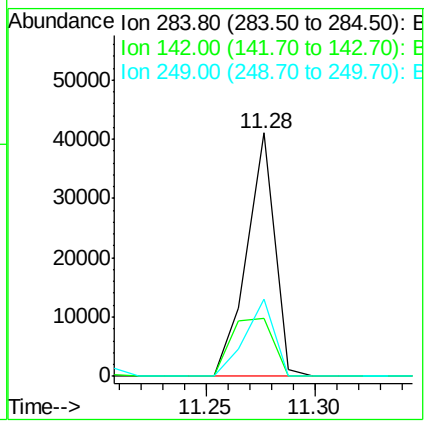





#67
Hexachlorobenzene
Concen: 30.30 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:284 Resp: 36774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.8 | 19.1 | 28.7 |
| 249 | 31.6 | 23.9 | 35.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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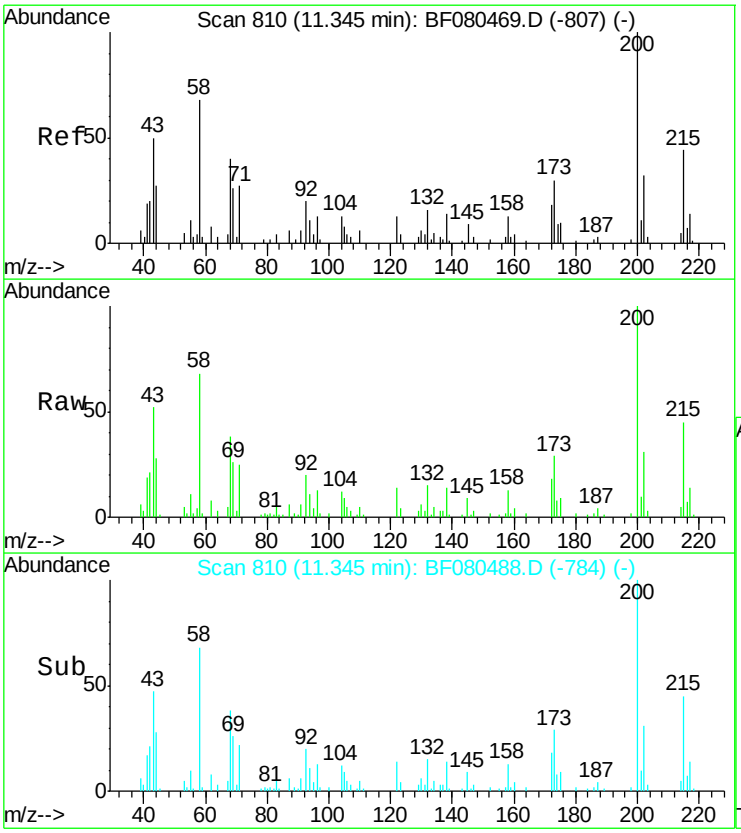
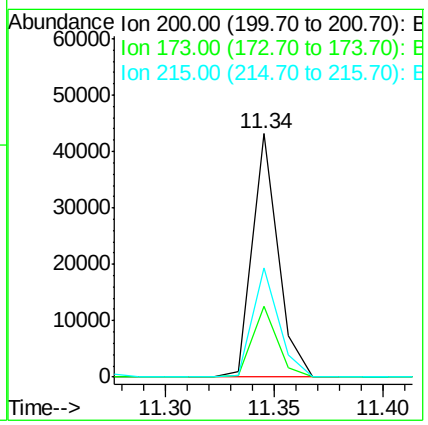
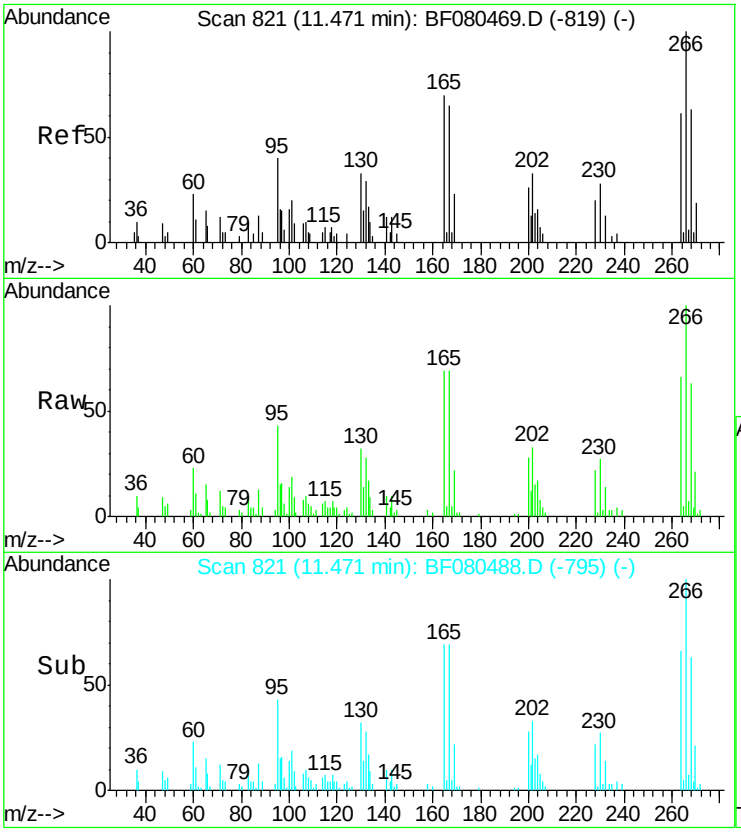



#68
Atrazine
Concen: 33.35 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:200 Resp: 35293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.0 | 9.7 | 49.7 |
| 215 | 44.9 | 23.7 | 63.7 |

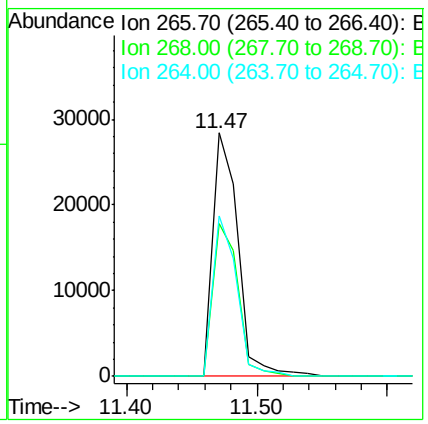





#69
Pentachlorophenol
Concen: 68.62 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:266 Resp: 38367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.7 | 50.3 | 75.5 |
| 264 | 65.9 | 48.6 | 72.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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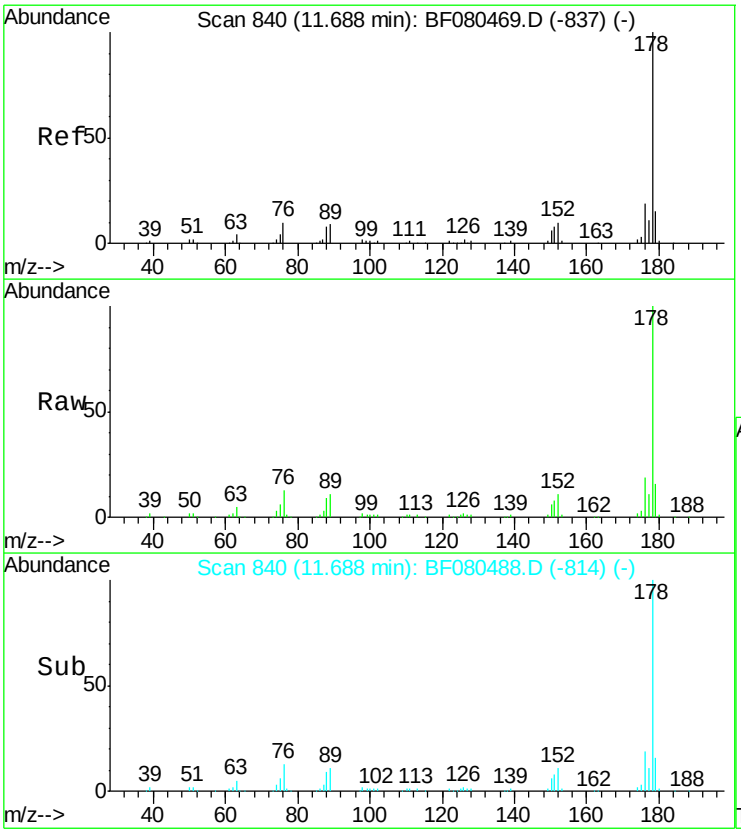
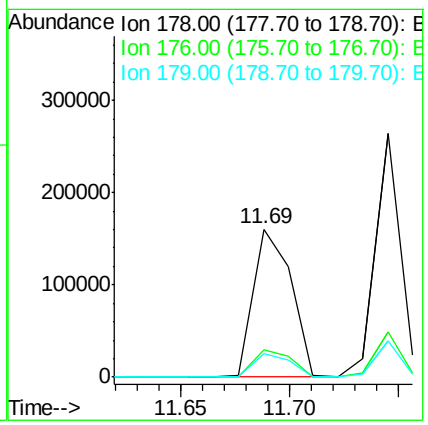
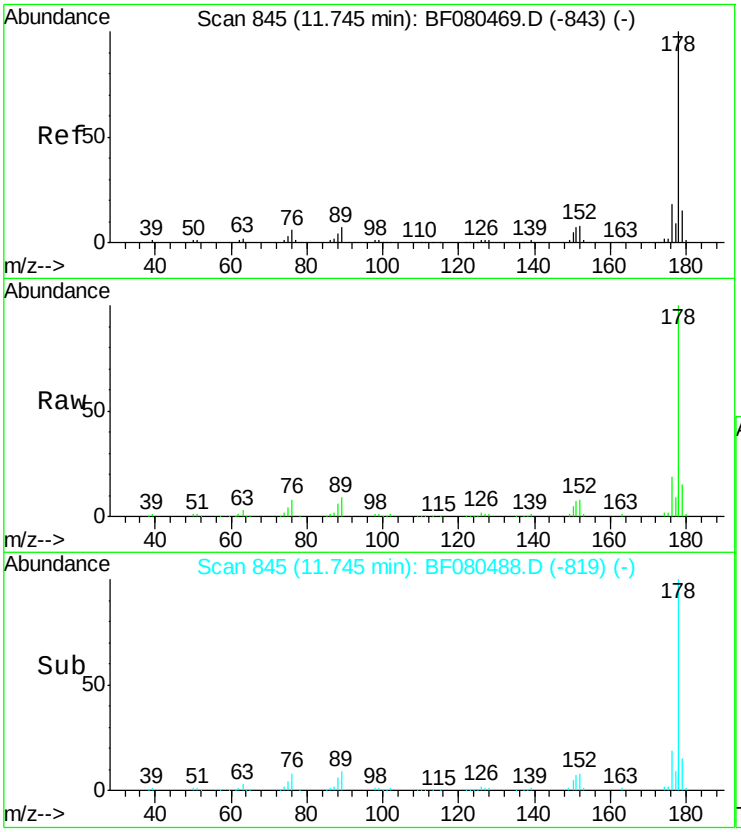



#70
Phenanthrene
Concen: 29.92 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:178 Resp: 194467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.4 | 23.0 |
| 179 | 15.9 | 11.8 | 17.6 |

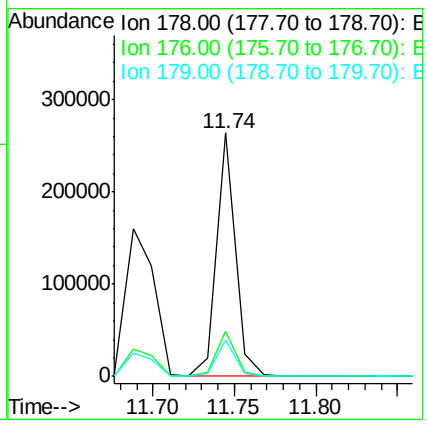





#71
Anthracene
Concen: 34.79 ng
RT: 11.74 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:178 Resp: 212597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.2 | 21.4 |
| 179 | 15.1 | 11.8 | 17.6 |




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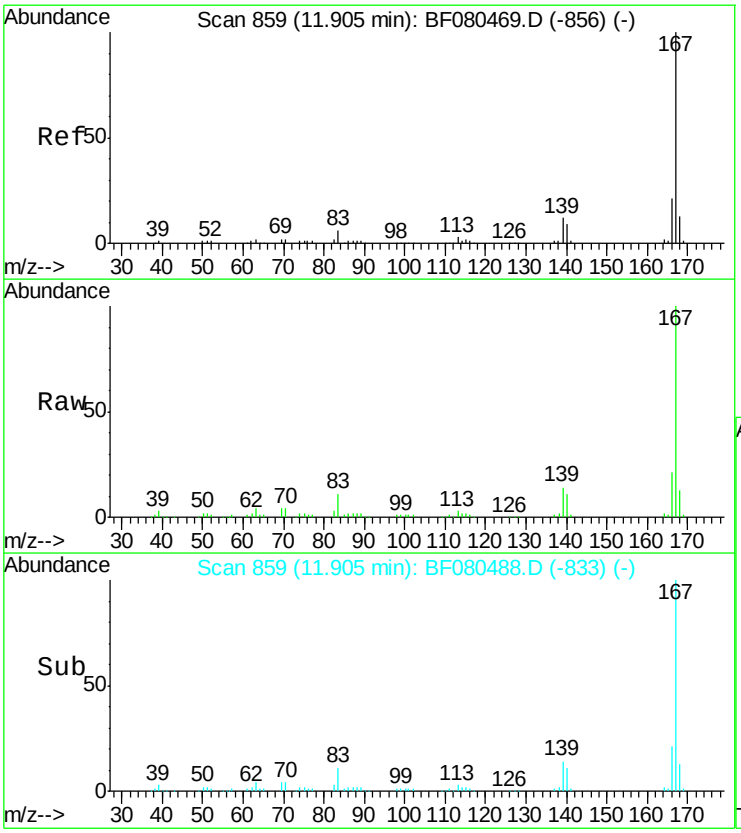
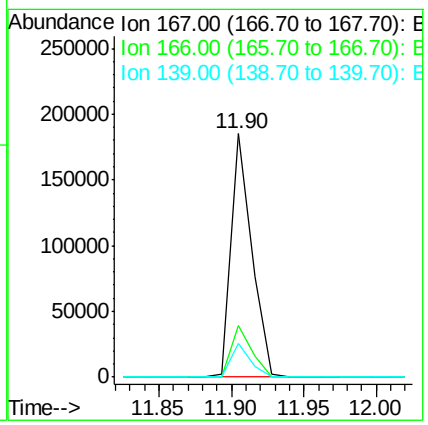
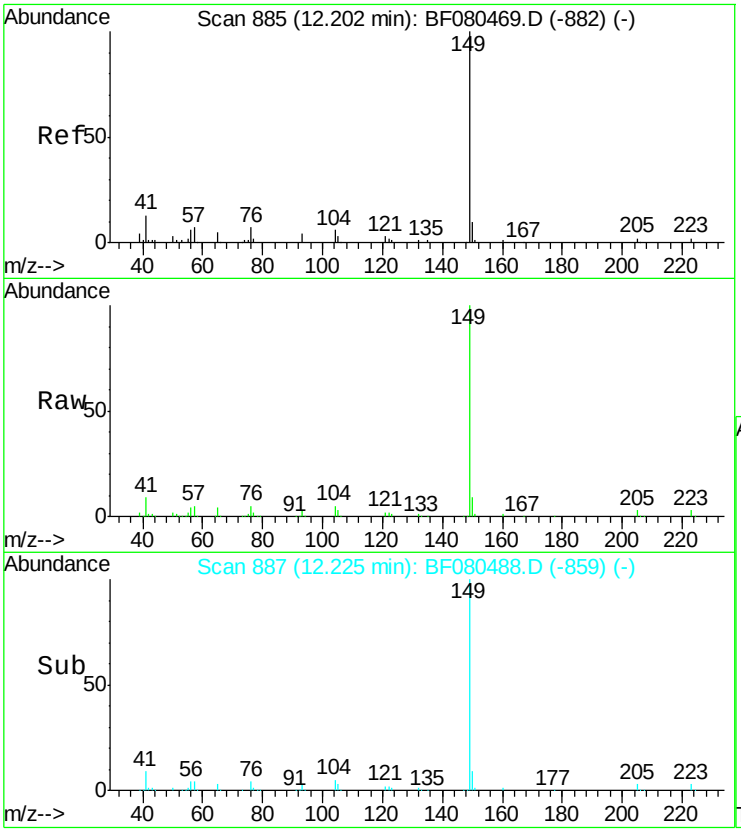



#72
Carbazole
Concen: 33.07 ng
RT: 11.90 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:167 Resp: 183086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.4 |
| 139 | 13.7 | 9.4 | 14.0 |

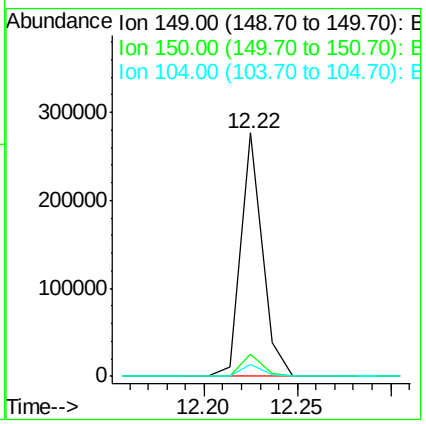





#73
Di-n-butylphthalate
Concen: 38.00 ng
RT: 12.22 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:149 Resp: 223251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.7 | 11.5 |
| 104 | 4.8 | 5.0 | 7.4# |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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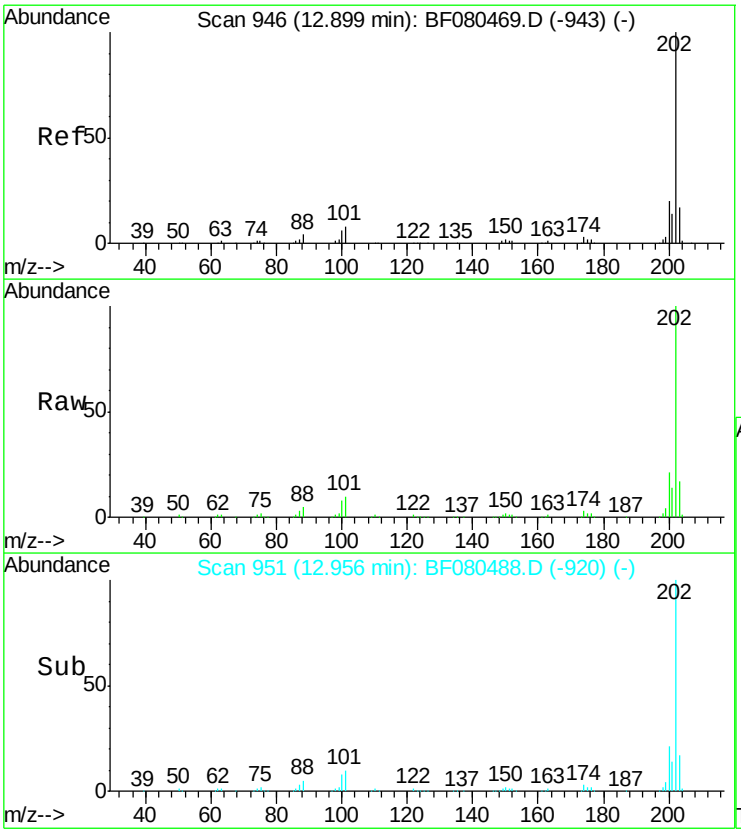
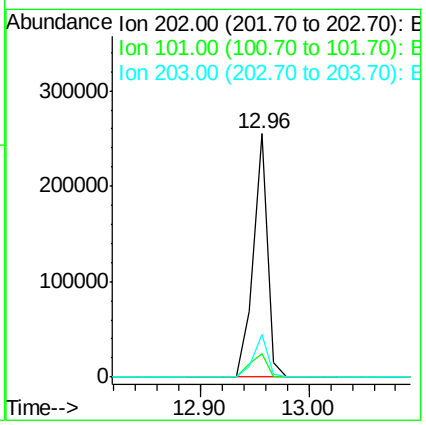
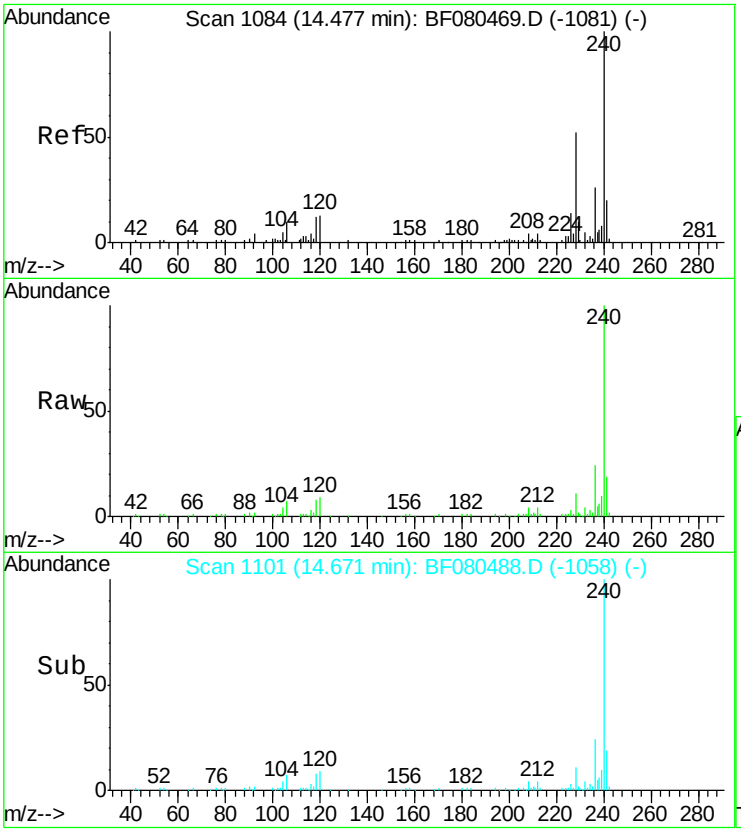



#74
Fluoranthene
Concen: 36.53 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.06 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:202 Resp: 234136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 0.0 | 27.9 |
| 203 | 17.3 | 0.0 | 37.2 |






#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.19 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:240 Resp: 129115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 10.2 | 15.4# |
| 236 | 24.5 | 20.6 | 30.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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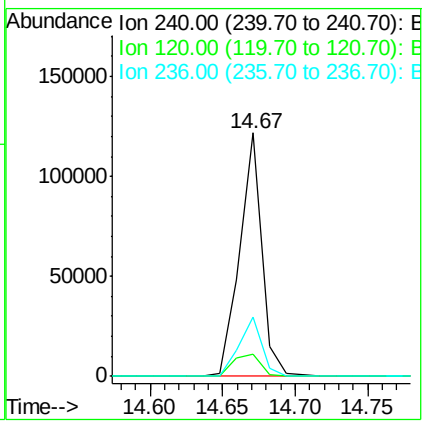
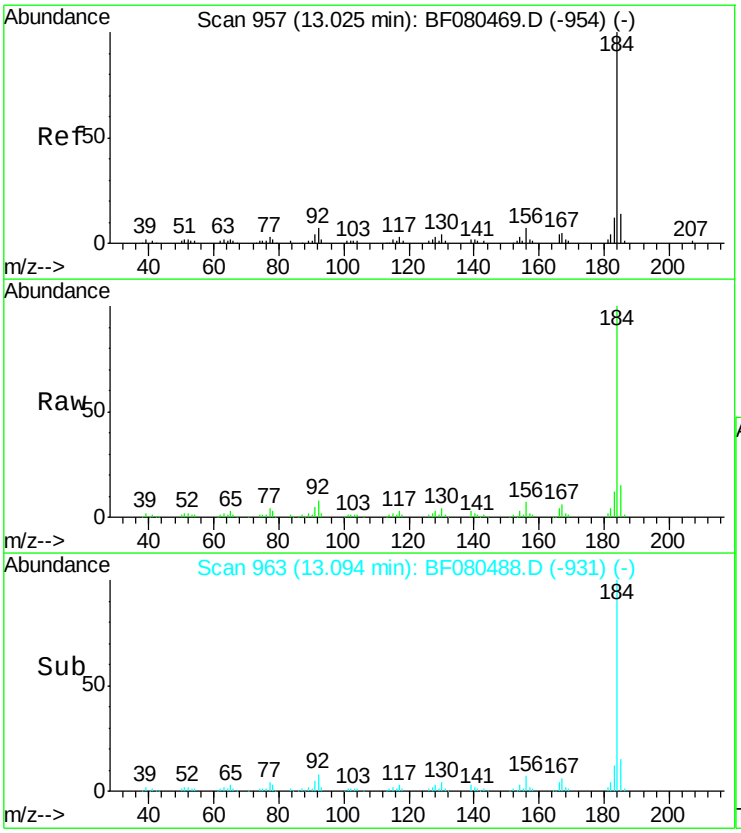
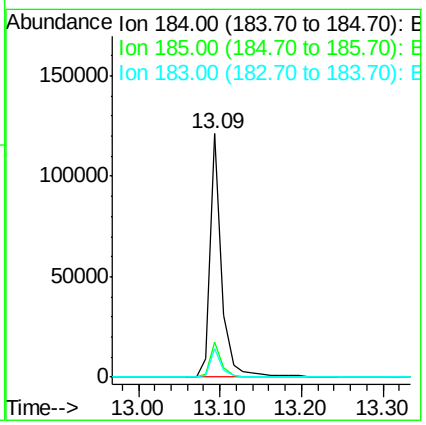


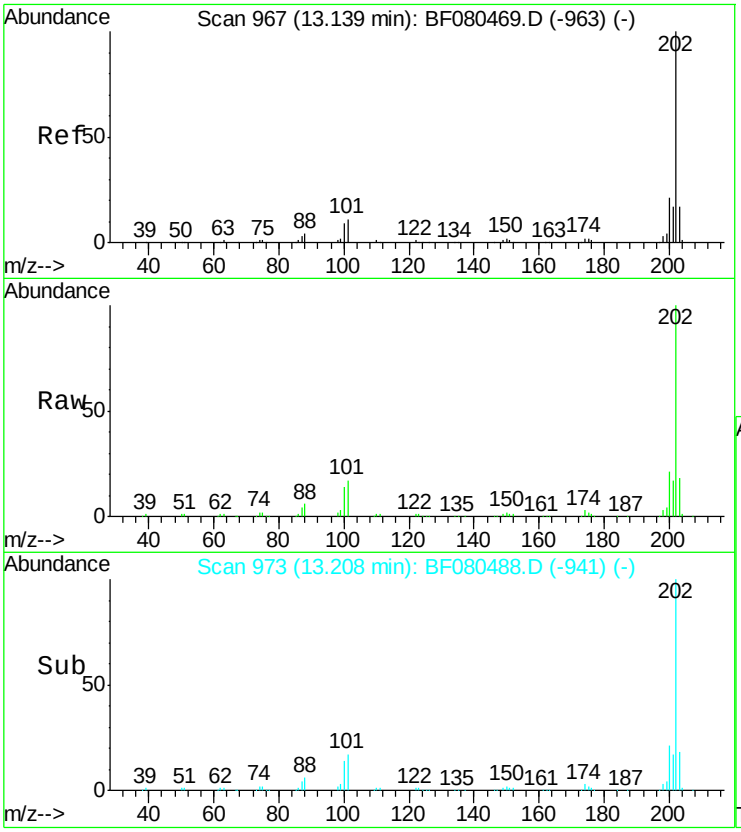




#76
Benzidine
Concen: 31.69 ng
RT: 13.09 min Scan# 963
Delta R.T. 0.07 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:184 Resp: 121235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.2 | 16.8 |
| 183 | 11.6 | 9.3 | 13.9 |

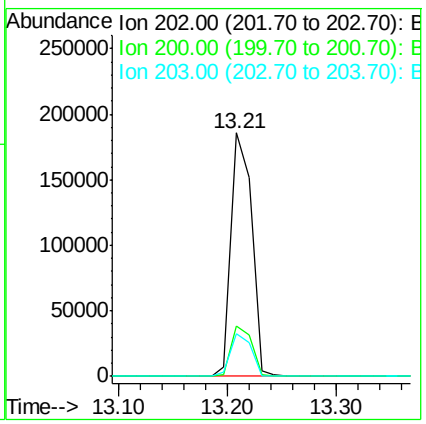





#77
Pyrene
Concen: 31.69 ng
RT: 13.21 min Scan# 973
Delta R.T. 0.07 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:202 Resp: 240900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.6 | 24.8 |
| 203 | 17.6 | 13.8 | 20.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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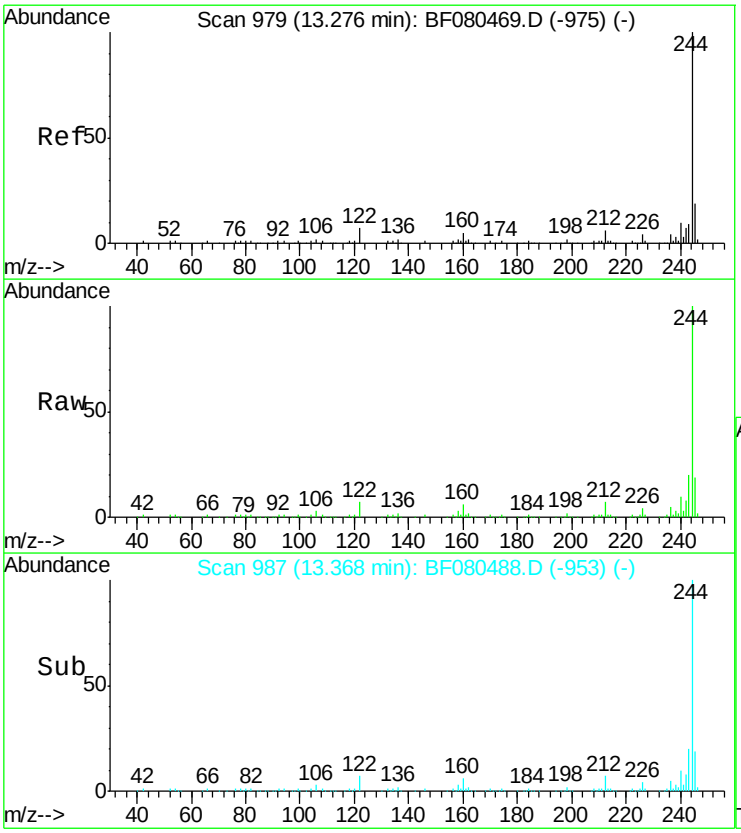
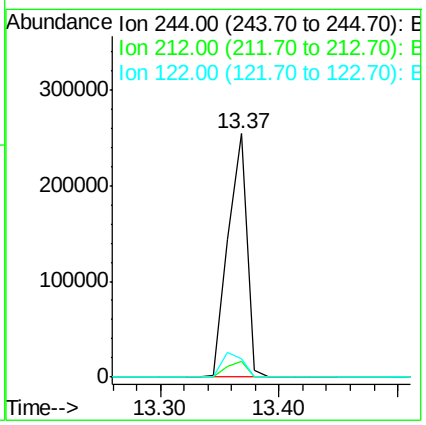
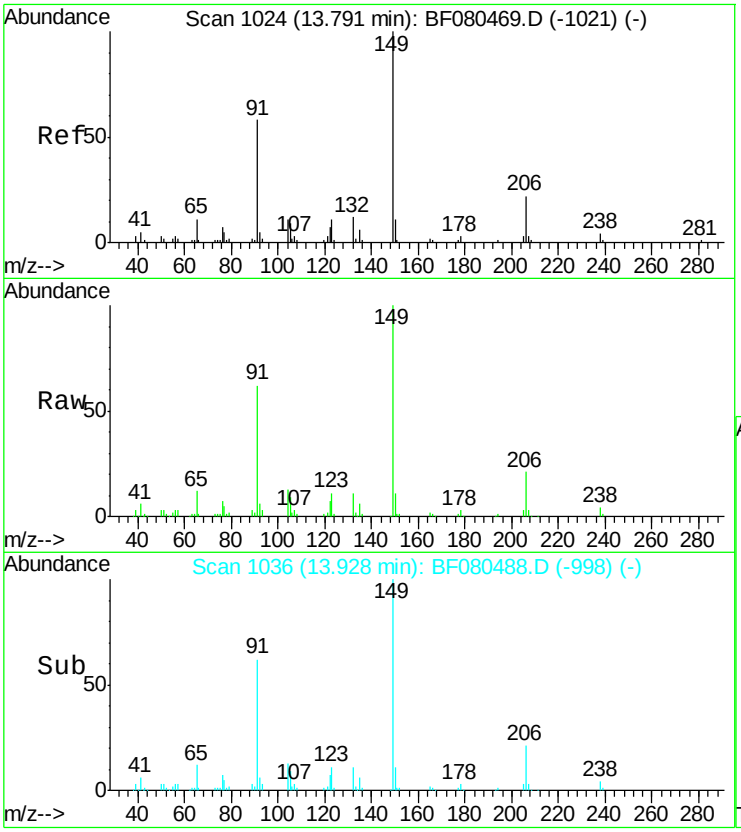



#78
Terphenyl-d14
Concen: 52.30 ng
RT: 13.37 min Scan# 987
Delta R.T. 0.09 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:244 Resp: 280159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 4.9 | 7.3 |
| 122 | 7.4 | 5.2 | 7.8 |

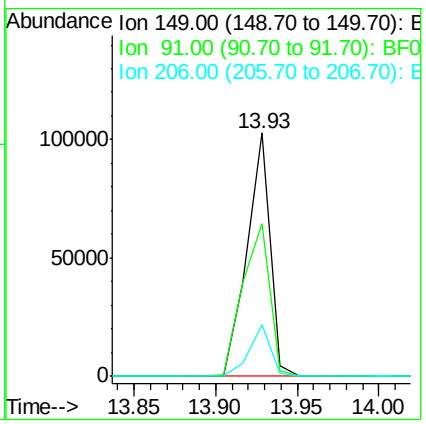





#79
Butylbenzylphthalate
Concen: 36.55 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.14 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:149 Resp: 101487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.5 | 46.6 | 69.8 |
| 206 | 21.1 | 17.5 | 26.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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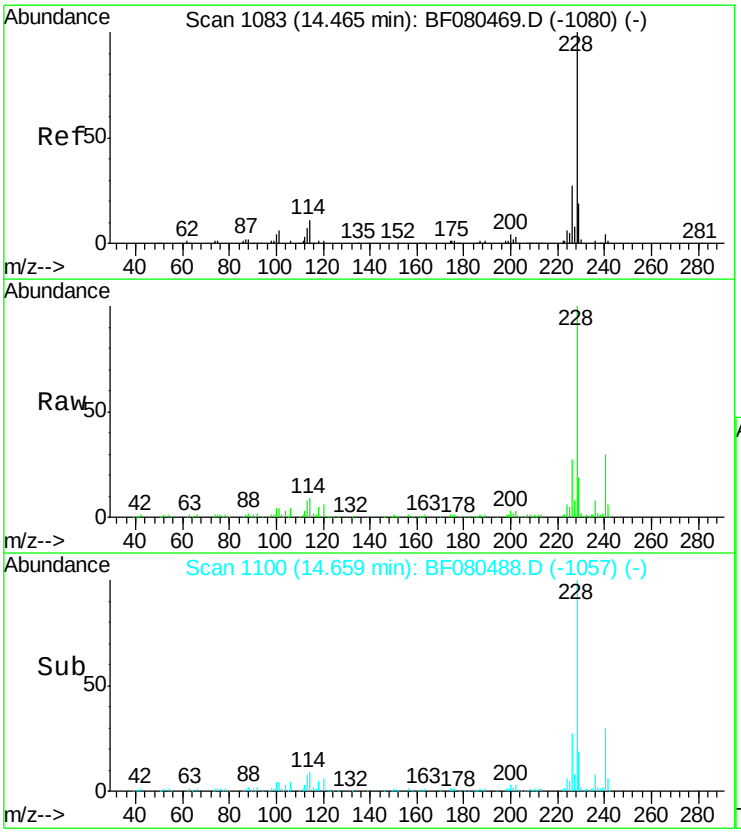
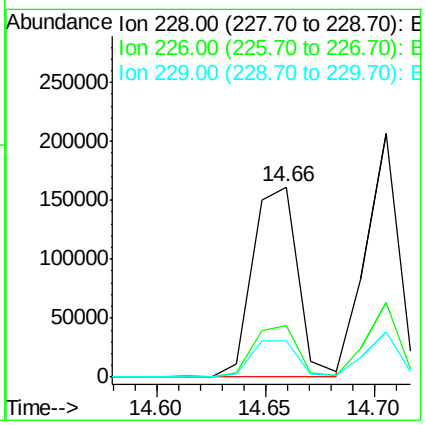
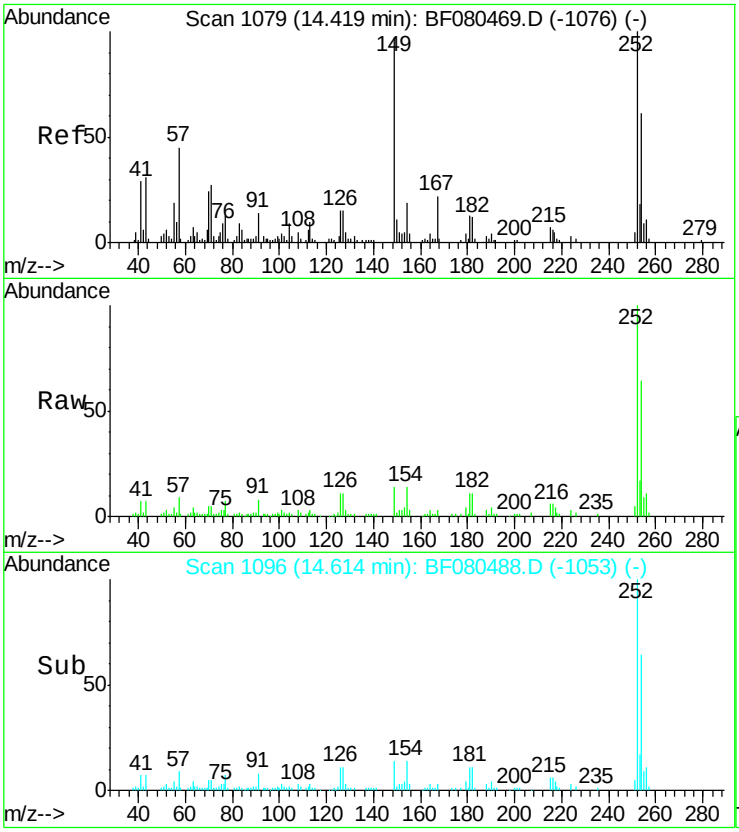



#80
Benzo(a)anthracene
Concen: 31.06 ng
RT: 14.66 min Scan# 1100
Delta R.T. 0.19 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:228 Resp: 233745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.8 | 32.8 |
| 229 | 19.2 | 15.3 | 22.9 |






#81
3,3'-Dichlorobenzidine
Concen: 28.47 ng
RT: 14.61 min Scan# 1096
Delta R.T. 0.19 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:252 Resp: 67708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.0 | 48.9 | 73.3 |
| 126 | 11.3 | 11.7 | 17.5# |

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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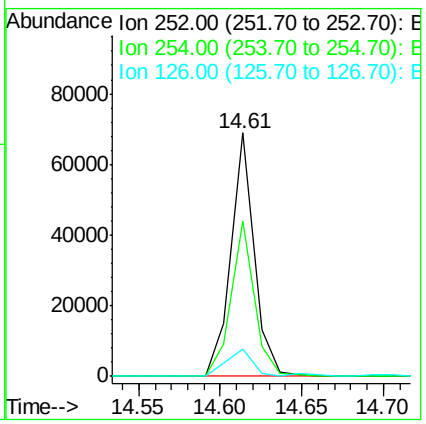
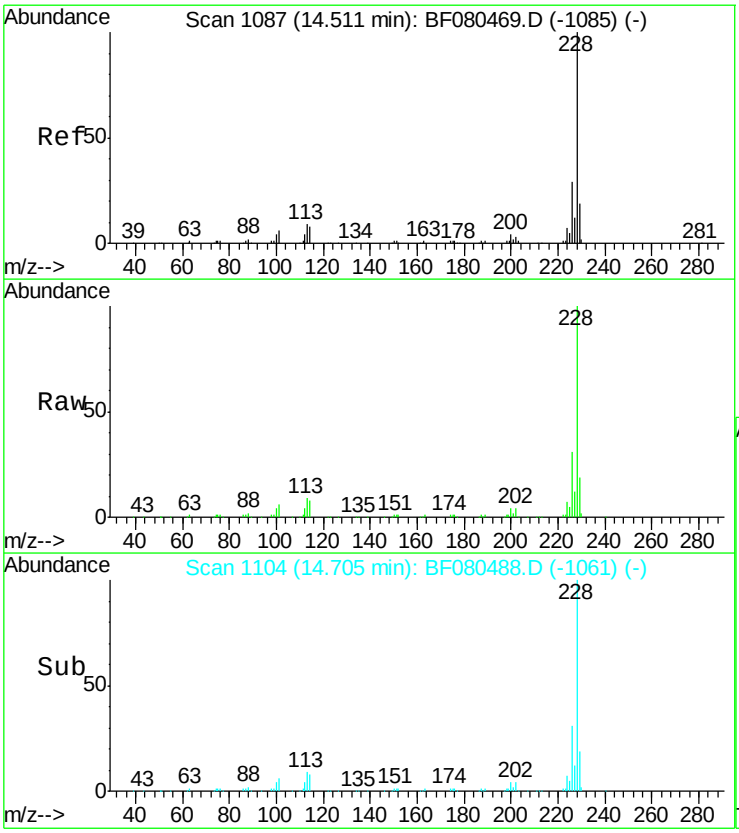
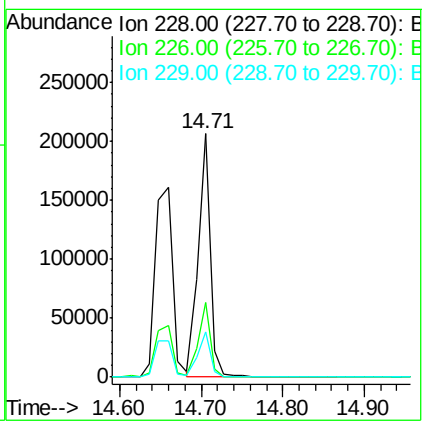


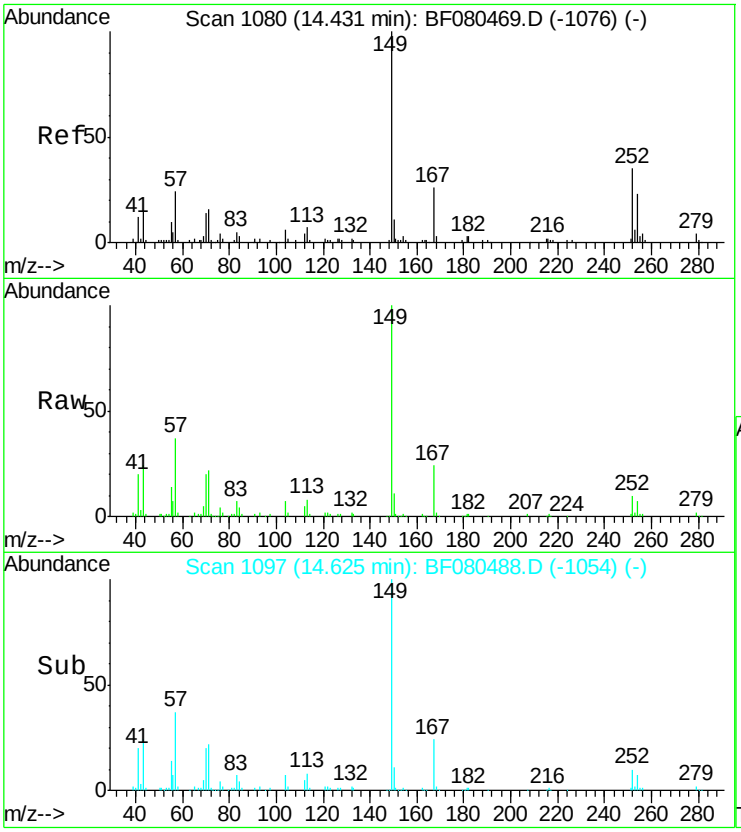




#82
Chrysene
Concen: 30.58 ng
RT: 14.71 min Scan# 1104
Delta R.T. 0.19 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:228 Resp: 220000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 23.1 | 34.7 |
| 229 | 18.8 | 15.3 | 22.9 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 38.45 ng
RT: 14.63 min Scan# 1097
Delta R.T. 0.19 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:149 Resp: 155074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 23.9 | 21.1 | 31.7 |
| 279 | 2.0 | 3.3 | 4.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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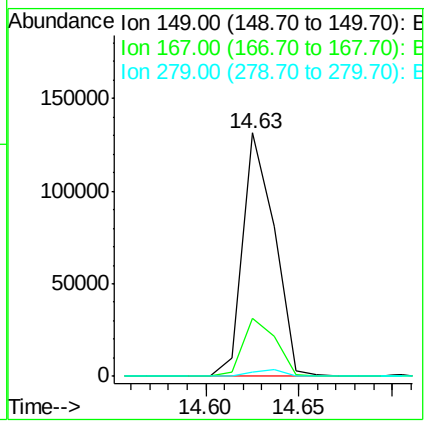
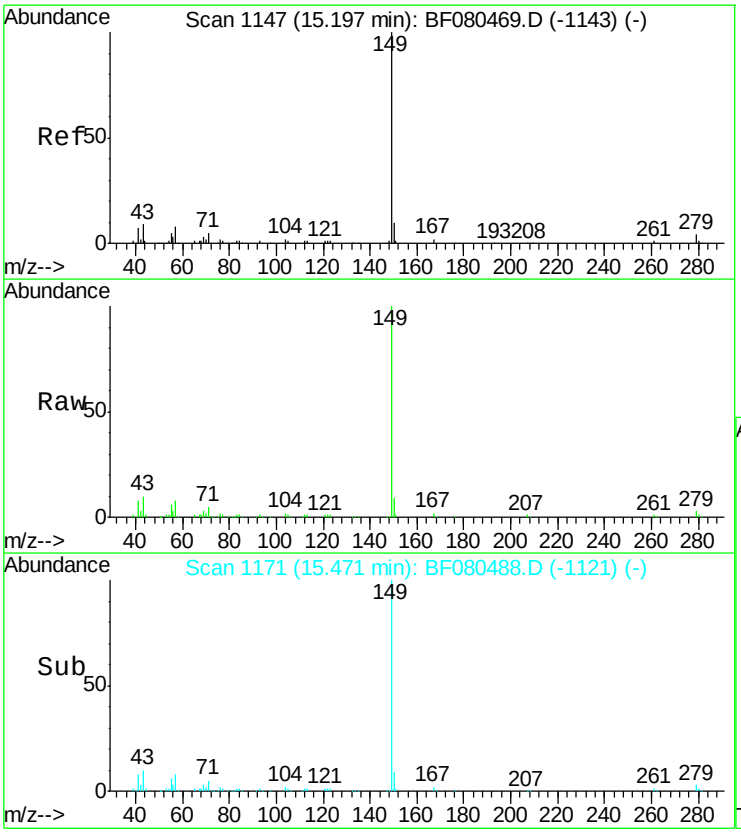
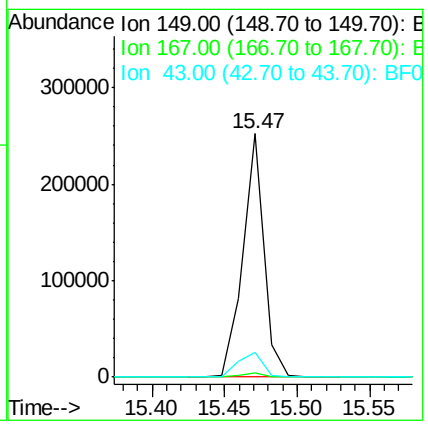


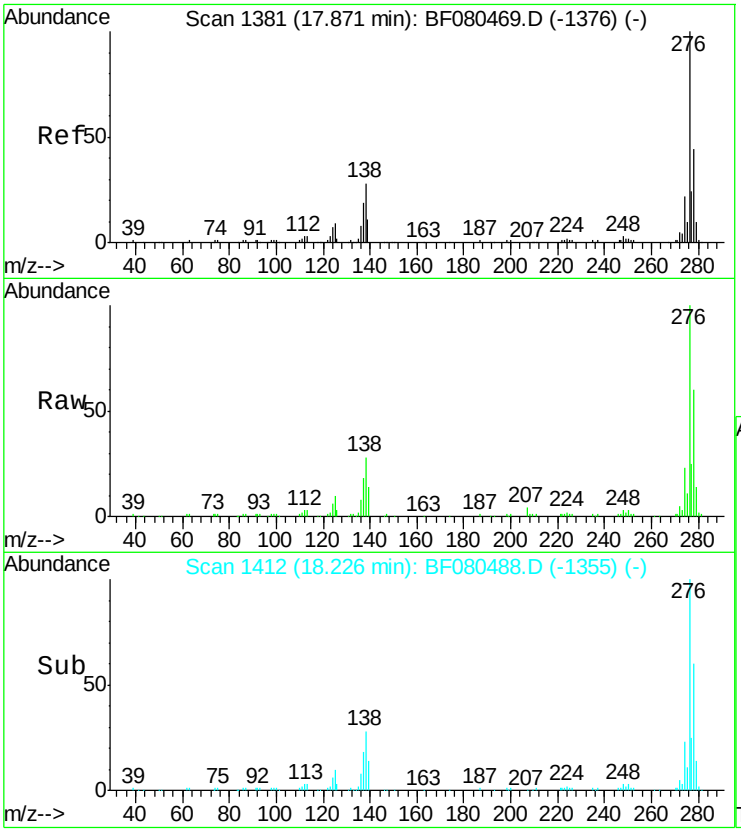




#84
Di-n-octyl phthalate
Concen: 35.19 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.27 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:149 Resp: 254890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.7 | 9.9 | 14.9 |

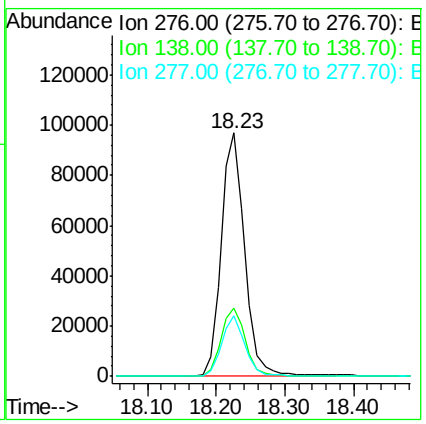





#85
Indeno(1,2,3-cd)pyrene
Concen: 23.79 ng
RT: 18.23 min Scan# 1412
Delta R.T. 0.35 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:276 Resp: 233137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.2 | 23.0 | 34.6 |
| 277 | 24.4 | 19.7 | 29.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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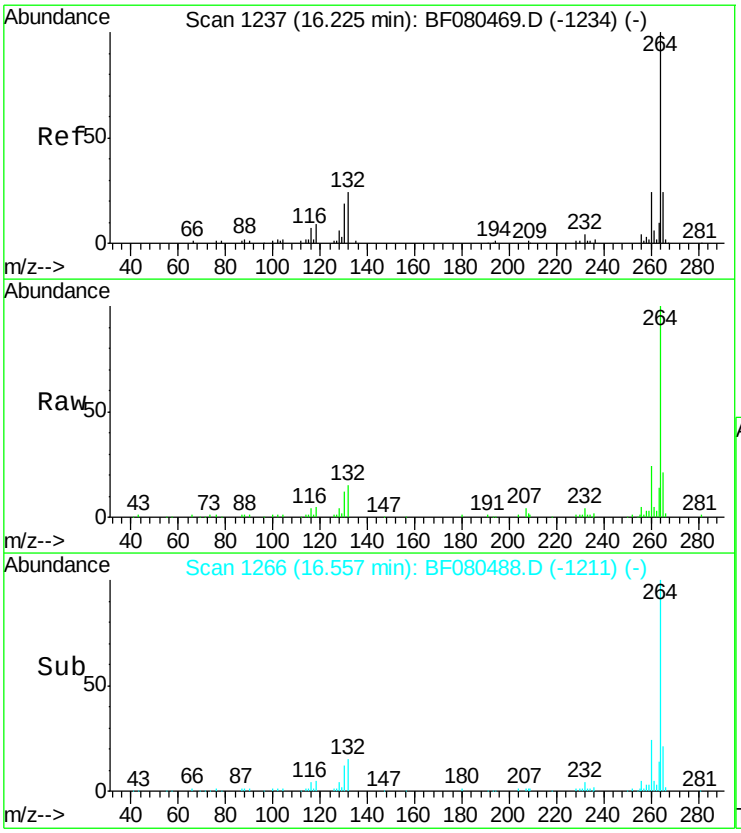
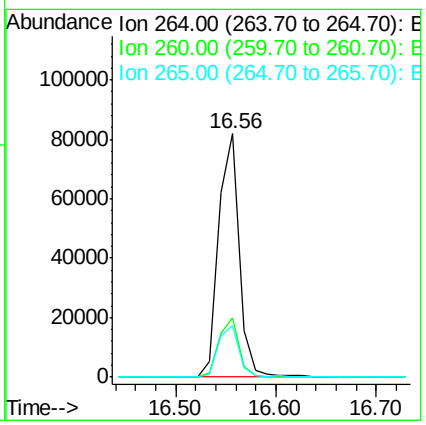
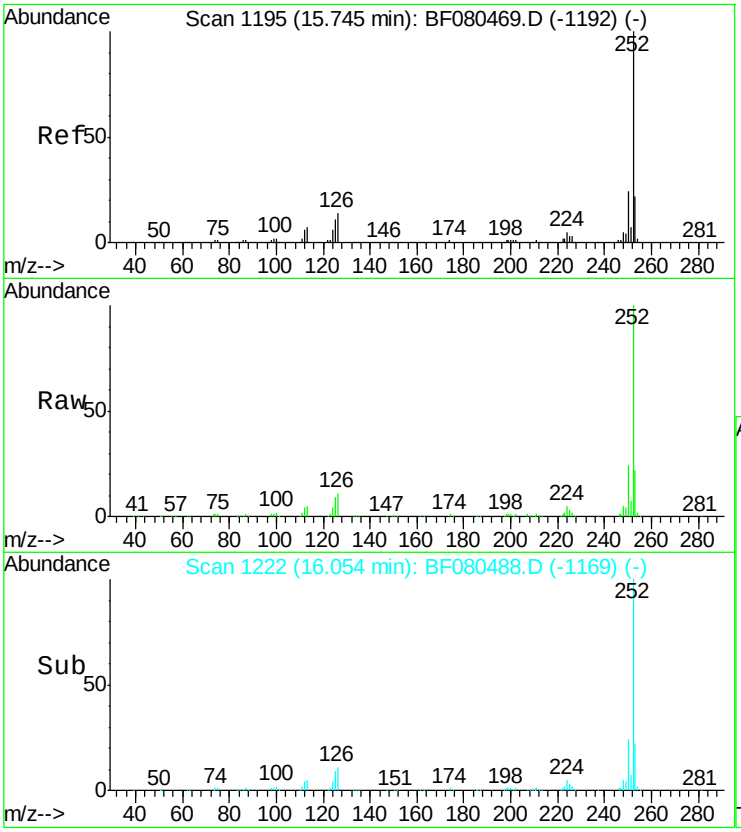



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.33 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:264 Resp: 116806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.0 | 28.6 |
| 265 | 21.4 | 18.9 | 28.3 |






#87
Benzo(b)fluoranthene
Concen: 32.53 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.31 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:252 Resp: 217099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 8.9 | 9.0 | 13.4# |

**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

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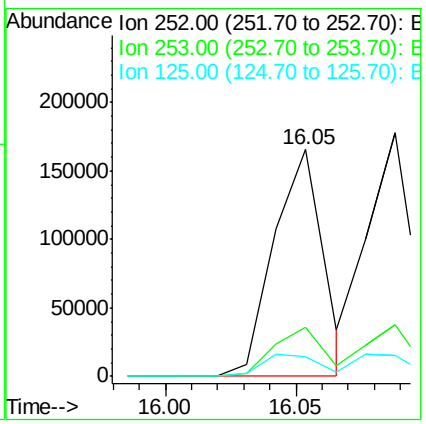
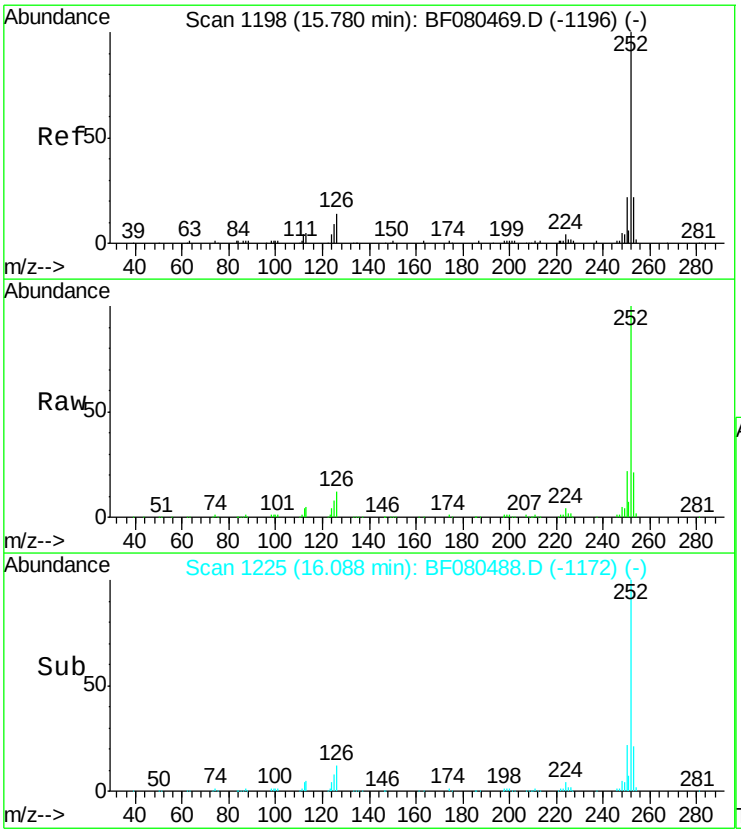
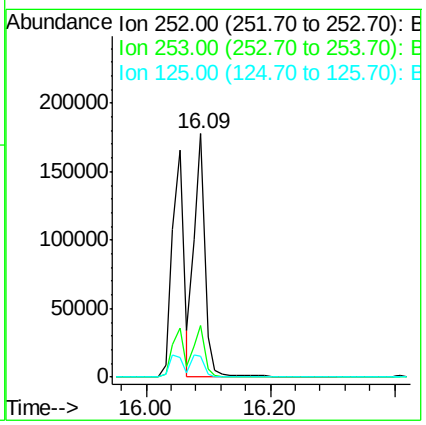


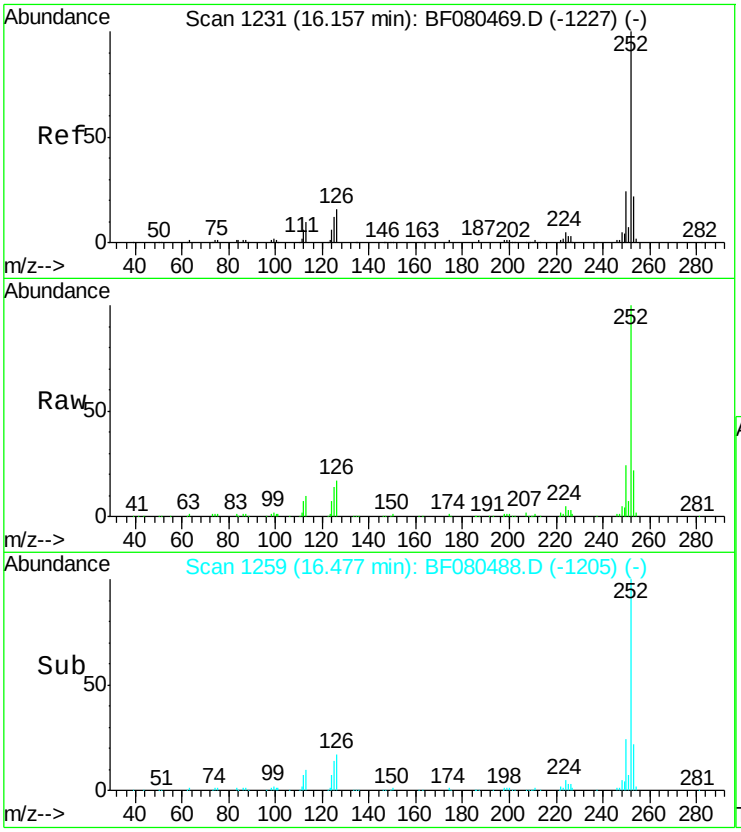




#88
Benzo(k)fluoranthene
Concen: 34.52 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.31 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:252 Resp: 222559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.0 | 25.6 |
| 125 | 8.4 | 7.0 | 10.4 |

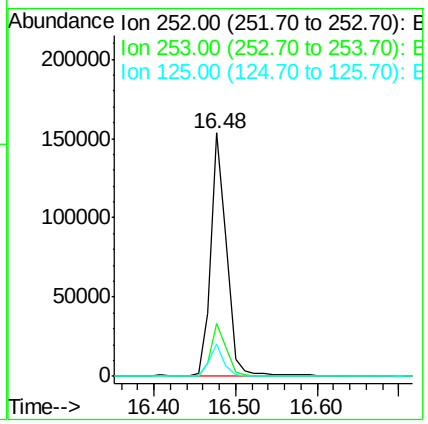





#89
Benzo(a)pyrene
Concen: 32.09 ng
RT: 16.48 min Scan# 1259
Delta R.T. 0.32 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:252 Resp: 210924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.8 |
| 125 | 13.6 | 9.9 | 14.9 |




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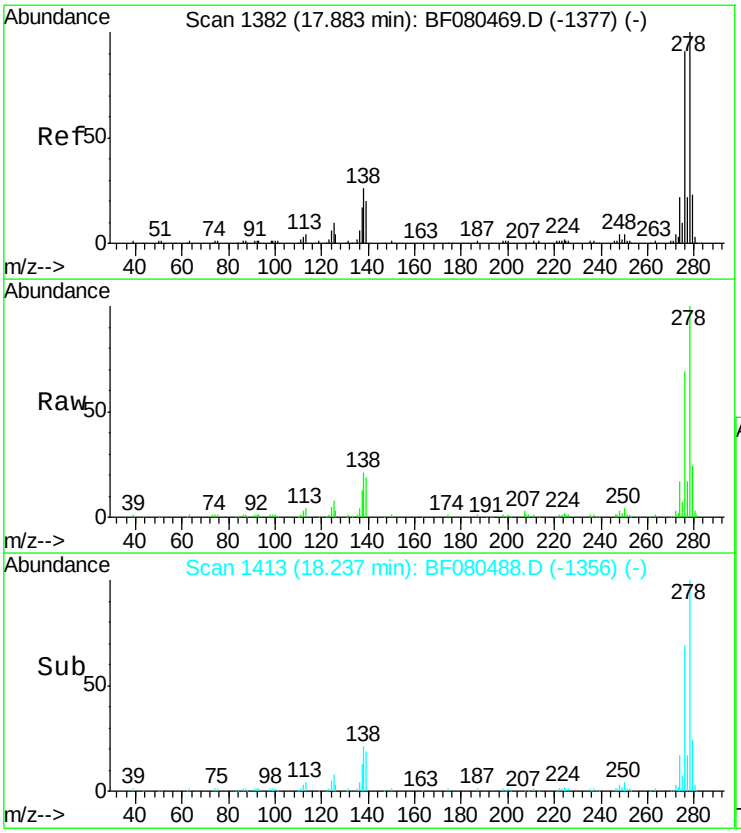
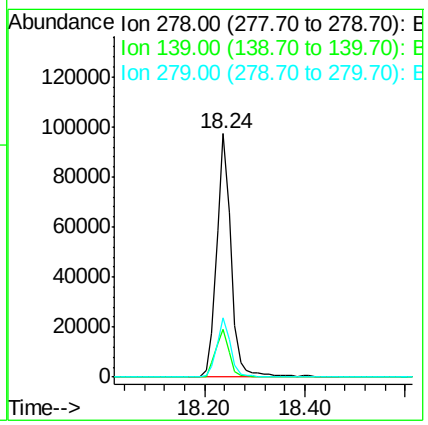
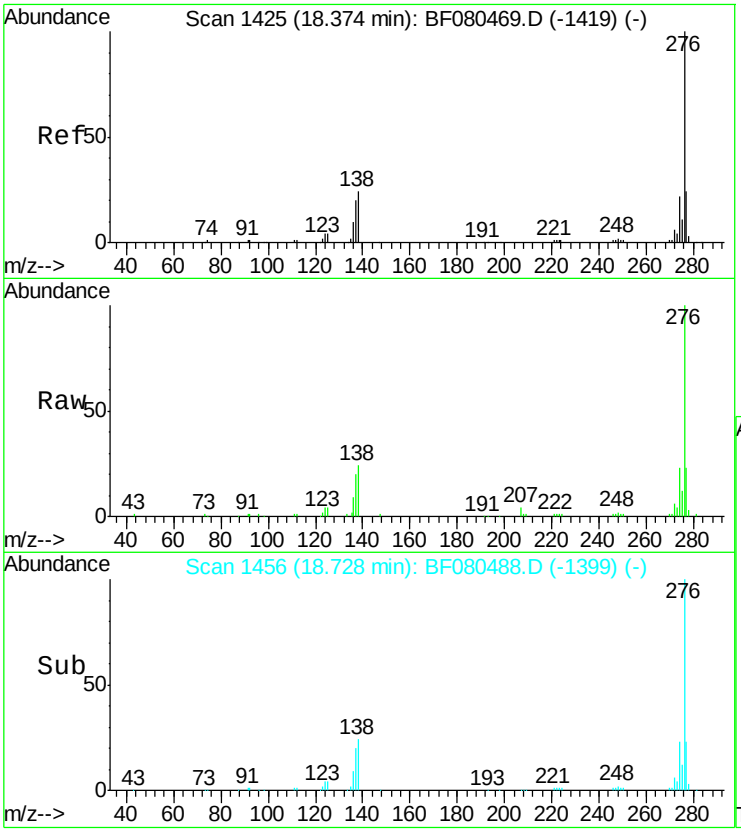



#90
Dibenzo(a,h)anthracene
Concen: 25.89 ng
RT: 18.24 min Scan# 1413
Delta R.T. 0.35 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:278 Resp: 192982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.5 | 16.0 | 24.0 |
| 279 | 24.3 | 18.4 | 27.6 |

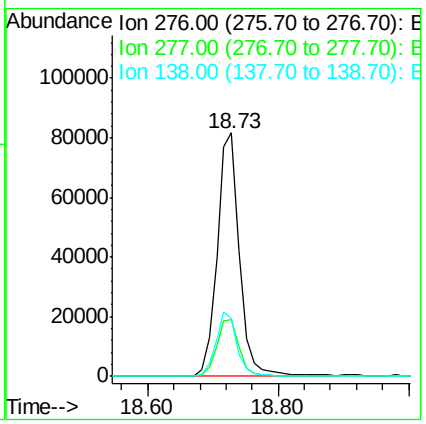





#91
Benzo(g,h,i)perylene
Concen: 24.84 ng
RT: 18.73 min Scan# 1456
Delta R.T. 0.35 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:276 Resp: 193755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 19.1 | 28.7 |
| 138 | 23.7 | 19.1 | 28.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
TP-7D78MSD

**Manual Integrations APPROVED**
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