Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** GP2(7.5)

Quant Time: Jun 26 01:27:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.29 | 152 | 31079 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.58 | 136 | 114159 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.37 | 164 | 72560 | 20.00 | ng | | 0.01 |
| 63) Phenanthrene-d10 | 11.86 | 188 | 104766 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.73 | 240 | 140504 | 20.00 | ng | | -0.09 |
| 86) Perylene-d12 | 16.54 | 264 | 136525 | 20.00 | ng | | -0.17 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.90 | 112 | 194471 | 110.77 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 254926 | 109.11 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.85 | 82 | 202664 | 103.35 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.16 | 330 | 50179 | 70.72 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.67 | 172 | 283436 | 55.71 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.51 | 244 | 347566 | 57.77 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.85 | 77 | 7377 | 5.47 | ng | # | 1 |
| 15) Benzyl Alcohol | 7.40 | 79 | 7729 | 4.05 | ng | # | 35 |
| 18) Hexachloroethane | 7.83 | 117 | 77871 | 100.88 | ng | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 7.68 | 70 | 23082 | 14.23 | ng | # | 75 |
| 22) Acetophenone | 7.69 | 105 | 157938 | 59.37 | ng | # | 49 |
| 24) Nitrobenzene | 7.86 | 77 | 11082 | 5.48 | ng | # | 15 |
| 25) Isophorone | 8.12 | 82 | 51919 | 13.16 | ng | # | 1 |
| 26) 2-Nitrophenol | 8.20 | 139 | 4279 | 5.05 | ng | # | 1 |
| 27) 2,4-Dimethylphenol | 8.25 | 122 | 9978 | 5.65 | ng | # | 32 |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93 | 11861 | 5.12 | ng | # | 1 |
| 29) 2,4-Dichlorophenol | 8.44 | 162 | 8061 | 5.33 | ng | # | 14 |
| 31) Naphthalene | 8.61 | 128 | 331093 | 55.47 | ng | # | 83 |
| 32) Benzoic acid | 8.25 | 122 | 9978 | 9.34 | ng | # | 1 |
| 33) 4-Chloroaniline | 8.61 | 127 | 73505 | 28.78 | ng | # | 1 |
| 35) Caprolactam | 9.01 | 113 | 76728 | 156.26 | ng | # | 54 |
| 36) 4-Chloro-3-methylphenol | 9.16 | 107 | 8034 | 4.71 | ng | # | 36 |
| 37) 2-Methylnaphthalene | 9.32 | 142 | 748158 | 193.78 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 9.77 | 154 | 247734 | 41.96 | ng | | 94 |
| 47) 2-Nitroaniline | 9.94 | 65 | 15361 | 11.68 | ng | # | 22 |
| 48) Acenaphthylene | 10.22 | 152 | 36593 | 4.58 | ng | # | 1 |
| 49) Dimethylphthalate | 10.06 | 163 | 35090 | 6.43 | ng | # | 88 |
| 50) 2,6-Dinitrotoluene | 10.08 | 165 | 6950 | 6.36 | ng | # | 91 |
| 51) Acenaphthene | 10.40 | 154 | 66833 | 13.66 | ng | # | 40 |
| 52) 3-Nitroaniline | 10.32 | 138 | 5761 | 4.57 | ng | # | 56 |
| 53) 2,4-Dinitrophenol | 10.42 | 184 | 1256 | 8.45 | ng | # | 1 |
| 54) Dibenzofuran | 10.57 | 168 | 75433 | 10.87 | ng | # | 33 |
| 55) 4-Nitrophenol | 10.47 | 139 | 51820 | 51.38 | ng | # | 43 |
| 56) 2,4-Dinitrotoluene | 10.56 | 165 | 44301 | 31.92 | ng | # | 54 |
| 57) Fluorene | 10.92 | 166 | 148067 | 26.89 | ng | # | 74 |
| 61) 4-Nitroaniline | 10.92 | 138 | 3574 | 2.74 | ng | # | 1 |
| 62) Azobenzene | 11.08 | 77 | 23120 | 4.13 | ng | # | 1 |
| 64) 4,6-Dinitro-2-methylphenol | 10.92 | 198 | 4707 | 14.01 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 11.03 | 169 | 301933 | 88.50 | ng | # | 59 |
| 68) Atrazine | 11.52 | 200 | 4851 | 4.50 | ng | # | 33 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** GP2(7.5)

Quant Time: Jun 26 01:27:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 70) Phenanthrene | 11.90 | 178 | 530898 | 83.70 | ng | # | 93 |
| 71) Anthracene | 11.98 | 178 | 119517 | 19.57 | ng | # | 1 |
| 74) Fluoranthene | 13.37 | 202 | 78220 | 11.58 | ng | | 90 |

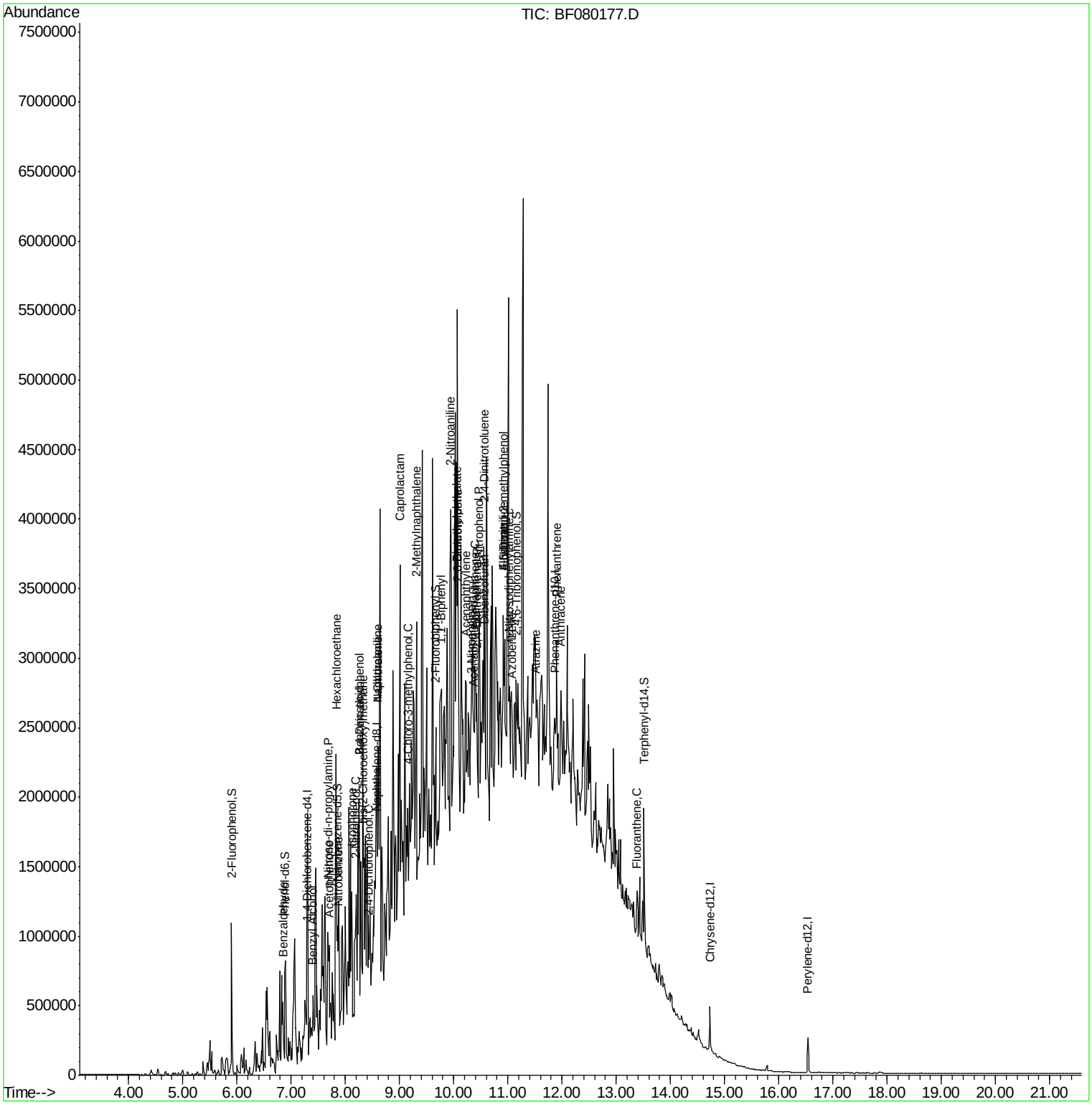
(#) = qualifier out of range (m) = manual integration (+) = signals summed

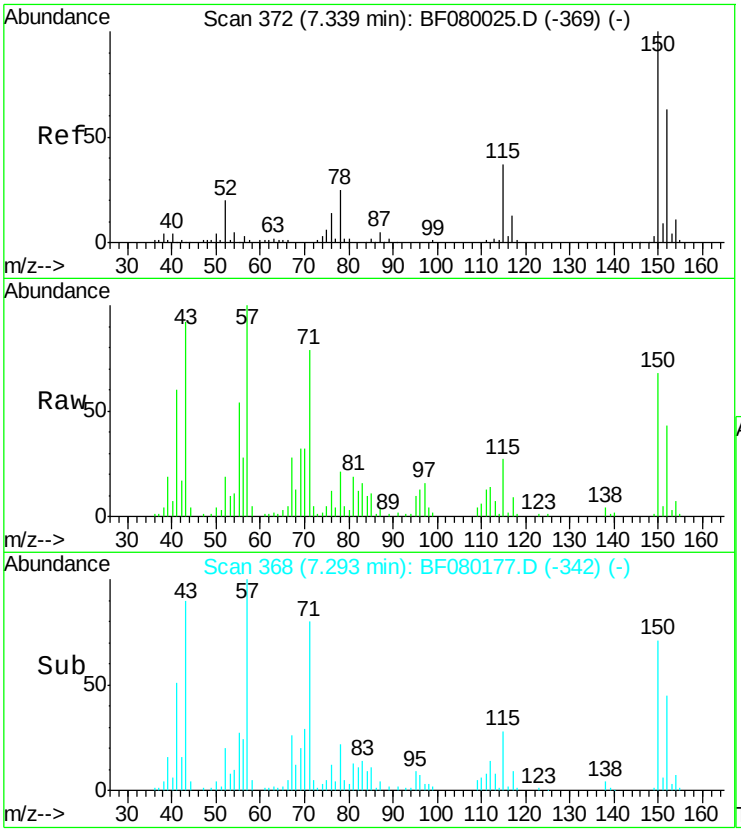
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Quant Time: Jun 26 01:27:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration



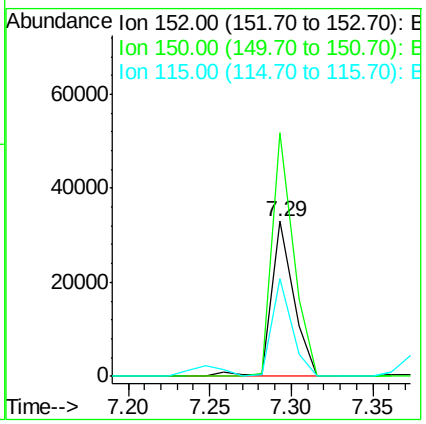


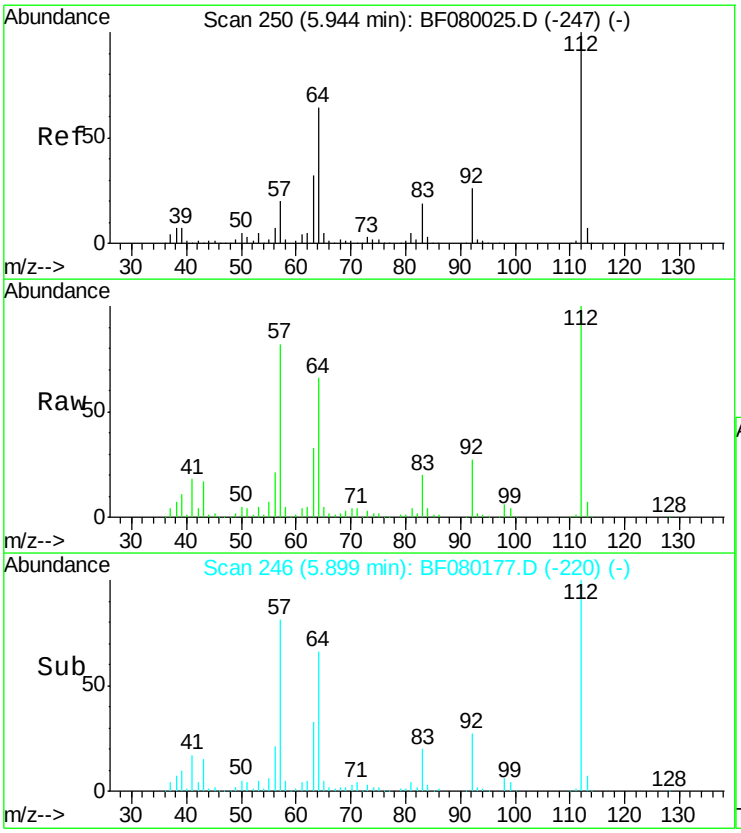

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:152 Resp: 31079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 124.7 | 187.1 |
| 115 | 63.0 | 39.0 | 58.4# |

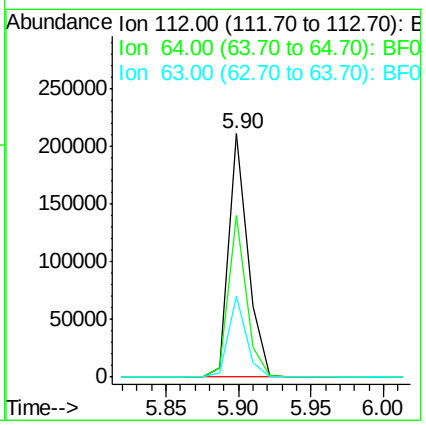


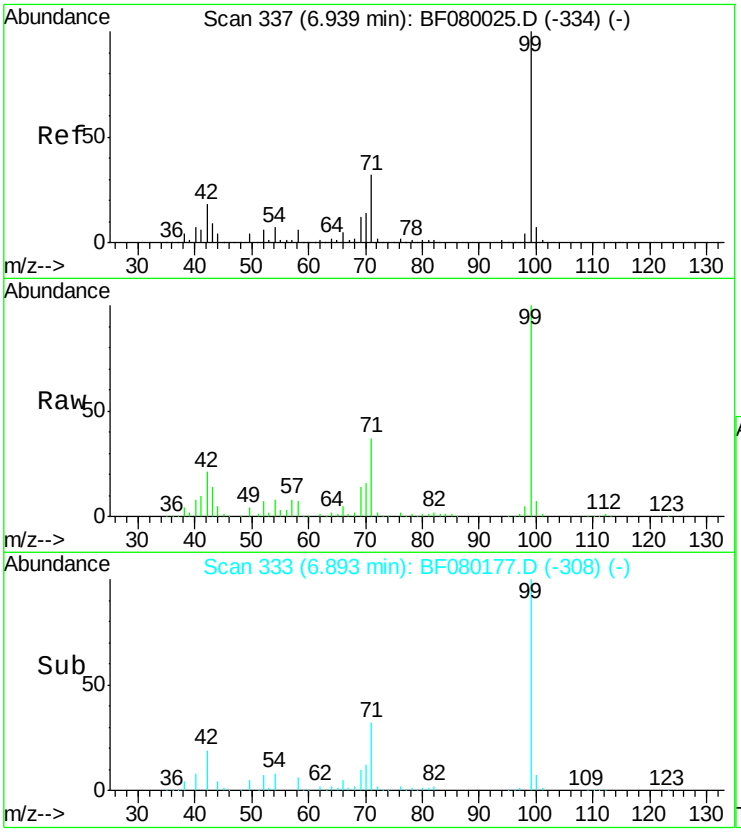




#5
2-Fluorophenol
Concen: 110.77 ng
RT: 5.90 min Scan# 246
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:112 Resp: 194471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.5 | 39.7 | 59.5# |
| 63 | 33.1 | 17.4 | 26.0# |



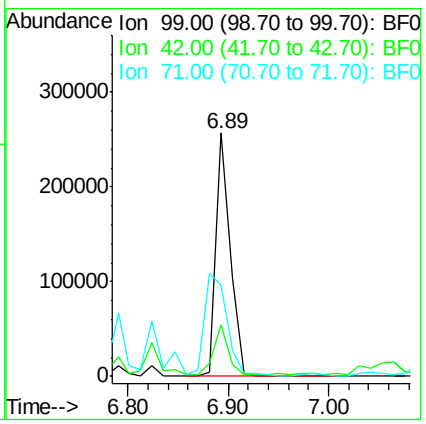


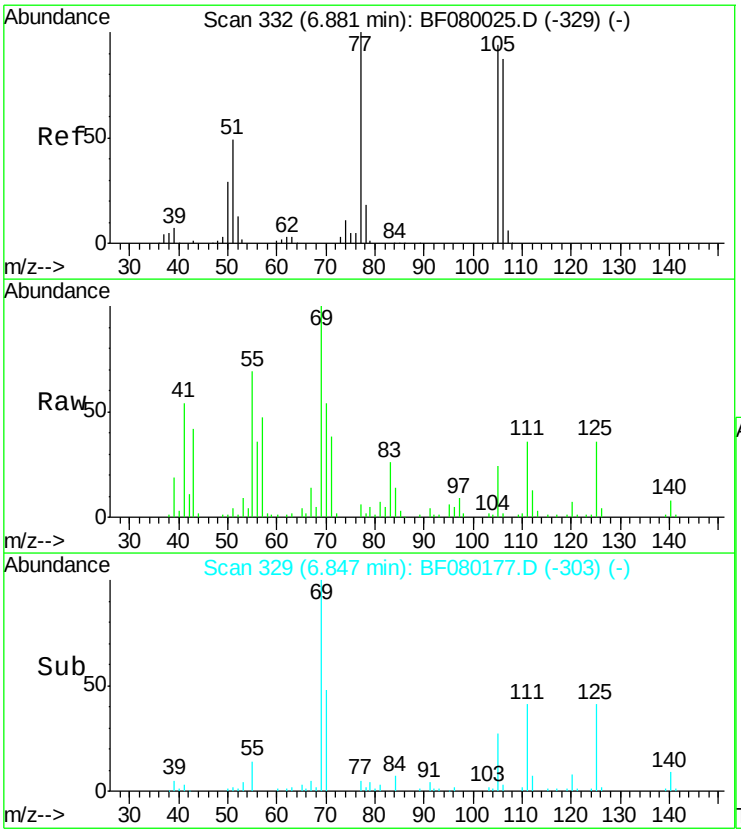

#7
Phenol-d6
Concen: 109.11 ng
RT: 6.89 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 99 Resp: 254926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 13.7 | 20.5# |
| 71 | 37.4 | 14.2 | 21.2# |

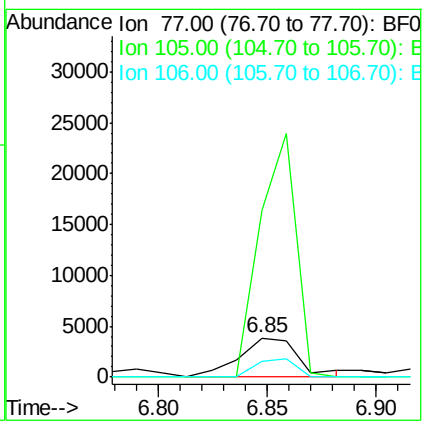


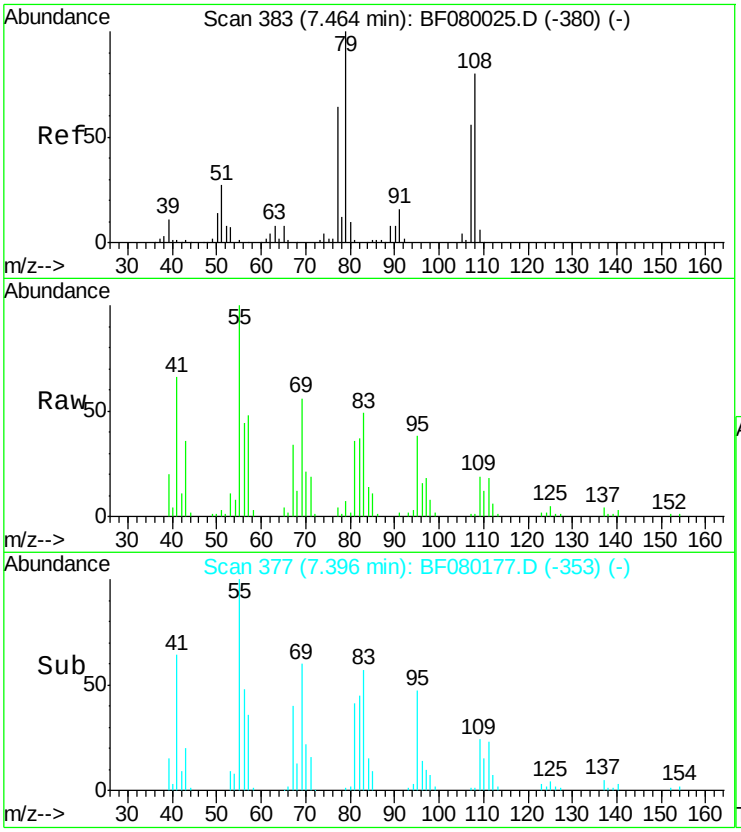




#9
Benzaldehyde
Concen: 5.47 ng
RT: 6.85 min Scan# 329
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion: 77 Resp: 7377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 428.4 | 91.6 | 131.6# |
| 106 | 41.3 | 102.6 | 142.6# |



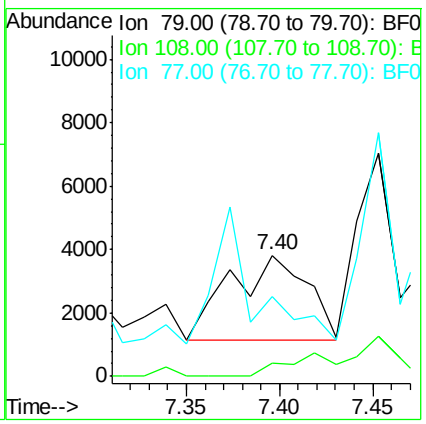


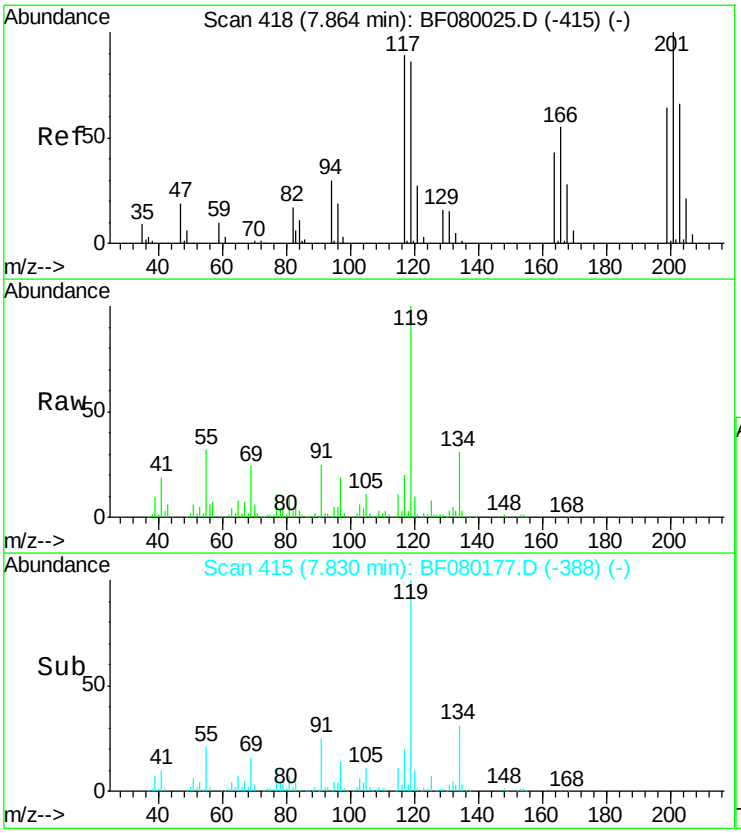

#15
Benzyl Alcohol
Concen: 4.05 ng
RT: 7.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 79 Resp: 7729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 11.0 | 88.6 | 132.8# |
| 77 | 66.2 | 47.0 | 70.4 |

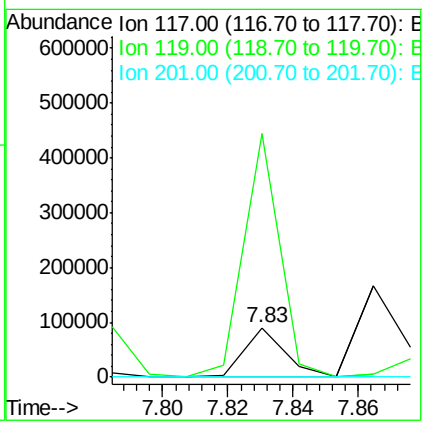


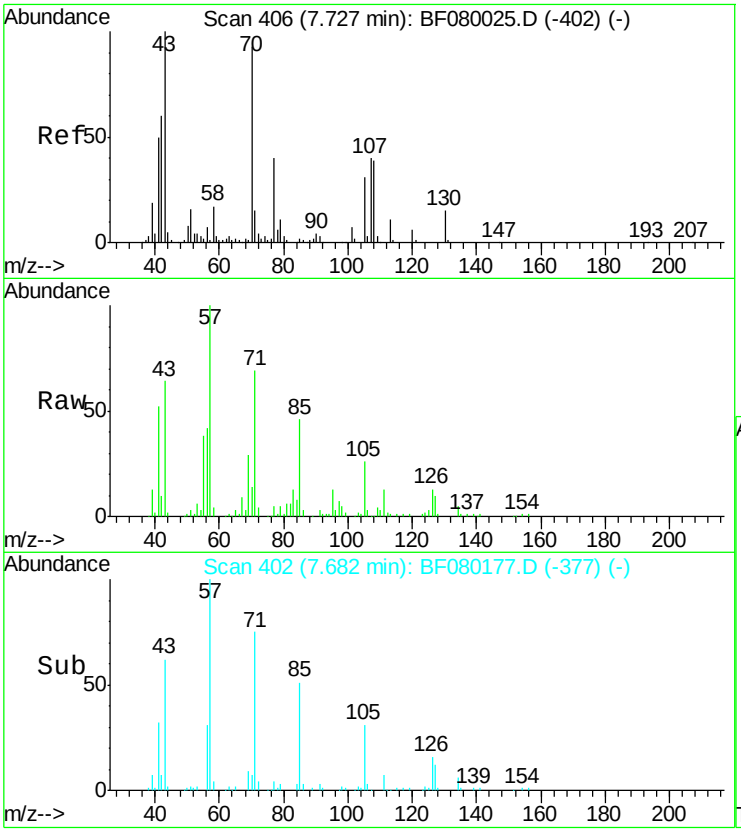




#18
Hexachloroethane
Concen: 100.88 ng
RT: 7.83 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:117 Resp: 77871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 491.8 | 83.8 | 125.6# |
| 201 | 0.0 | 55.1 | 82.7# |



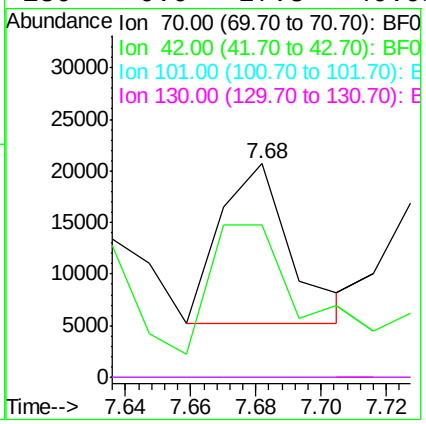


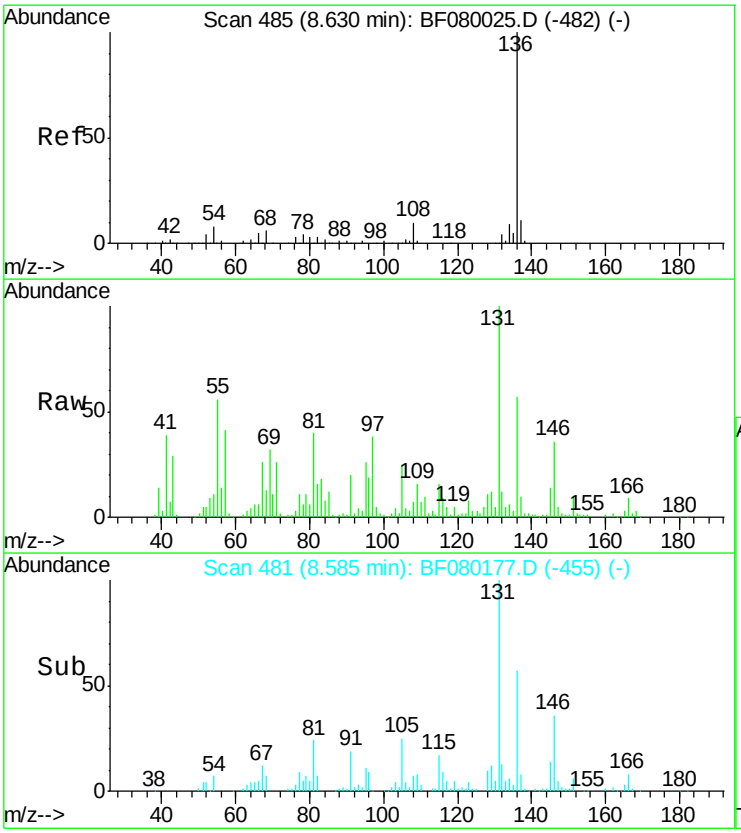

#19
n-Nitroso-di-n-propylamine
Concen: 14.23 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 70 Resp: 23082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 71.1 | 63.8 | 95.6 |
| 101 | 0.0 | 9.2 | 13.8# |
| 130 | 0.0 | 27.3 | 40.9# |

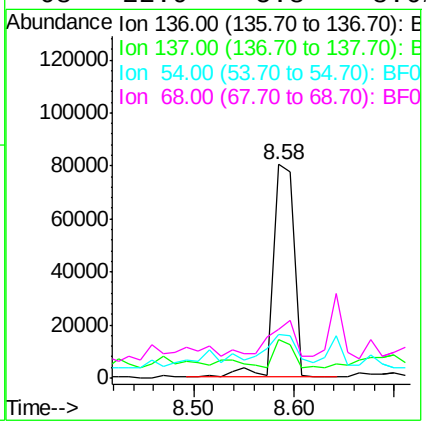


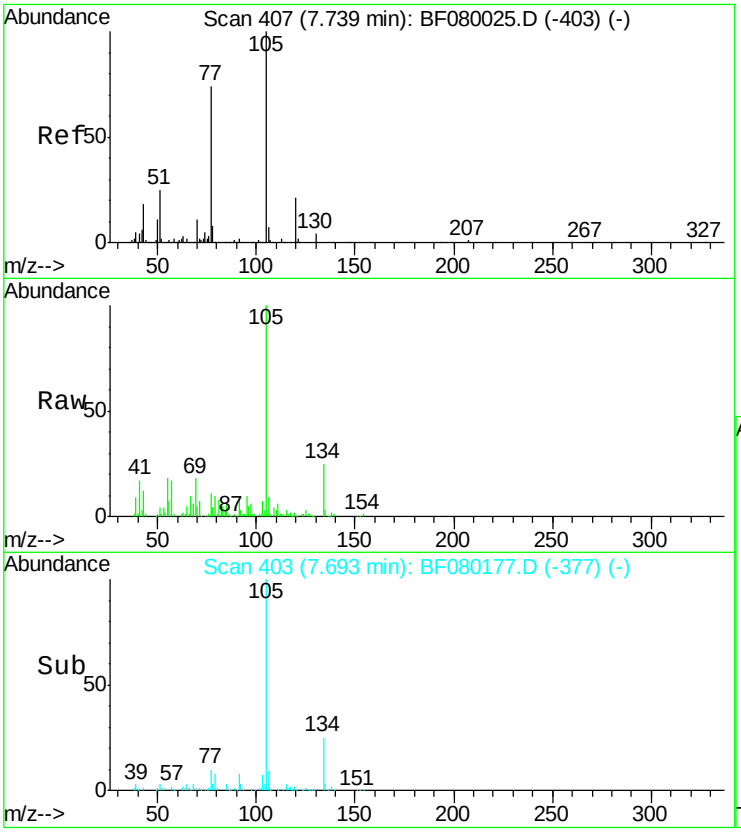




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:136 Resp: 114159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 17.8 | 9.0 | 13.6# |
| 54 | 20.1 | 8.2 | 12.2# |
| 68 | 22.9 | 5.8 | 8.6# |



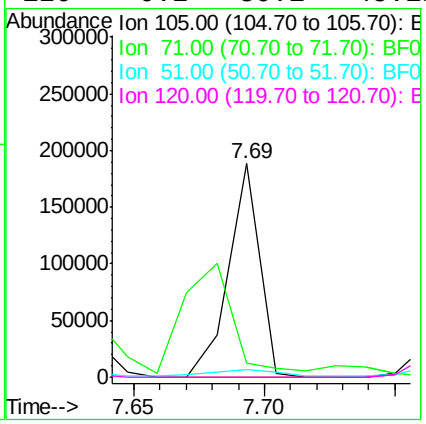


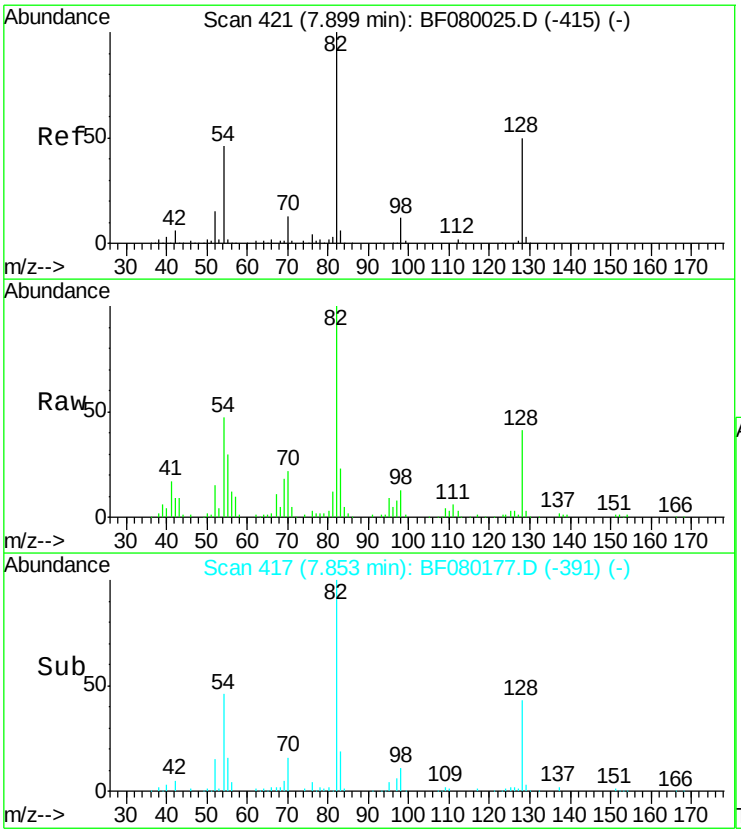

#22
Acetophenone
Concen: 59.37 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:105 Resp: 157938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.8 | 4.7 | 7.1 |
| 51 | 3.7 | 22.0 | 33.0# |
| 120 | 0.2 | 30.1 | 45.1# |

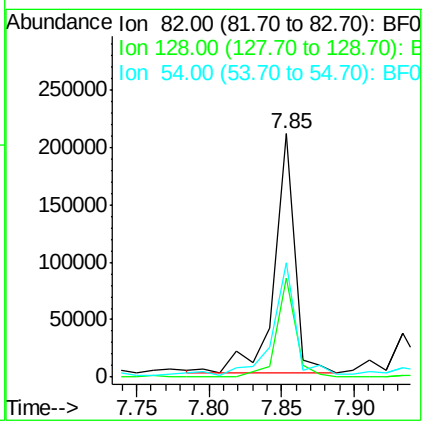


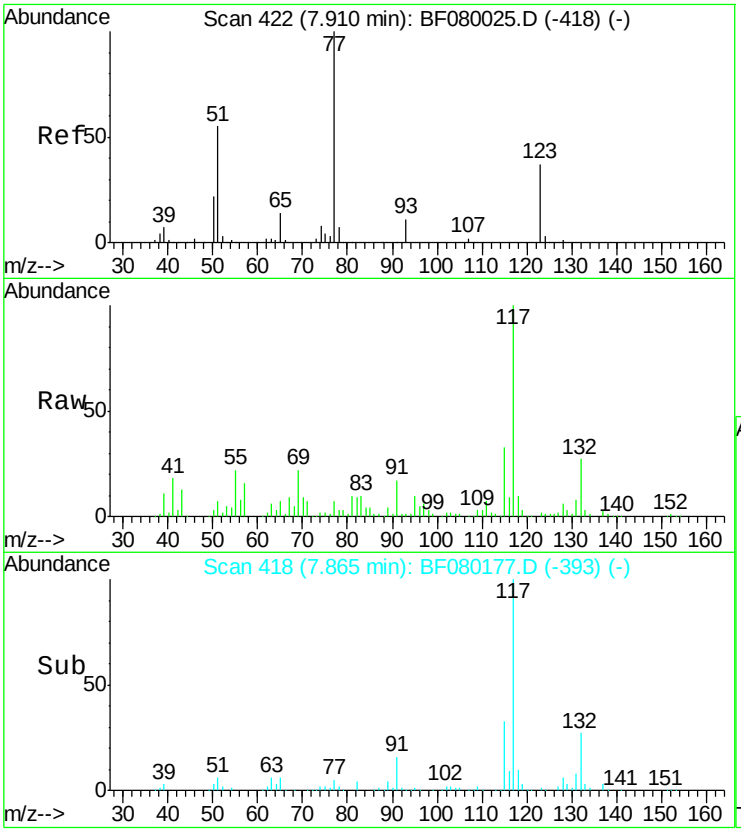




#23
Nitrobenzene-d5
Concen: 103.35 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion: 82 Resp: 202664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.6 | 51.0 | 76.6# |
| 54 | 46.8 | 47.5 | 71.3# |



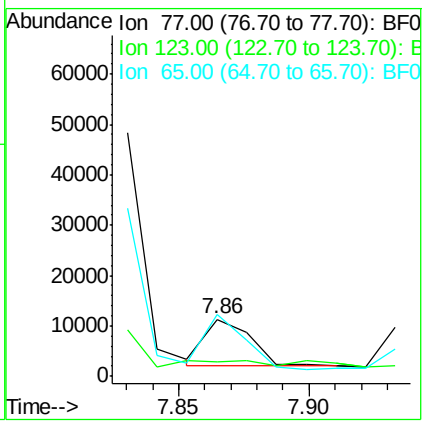


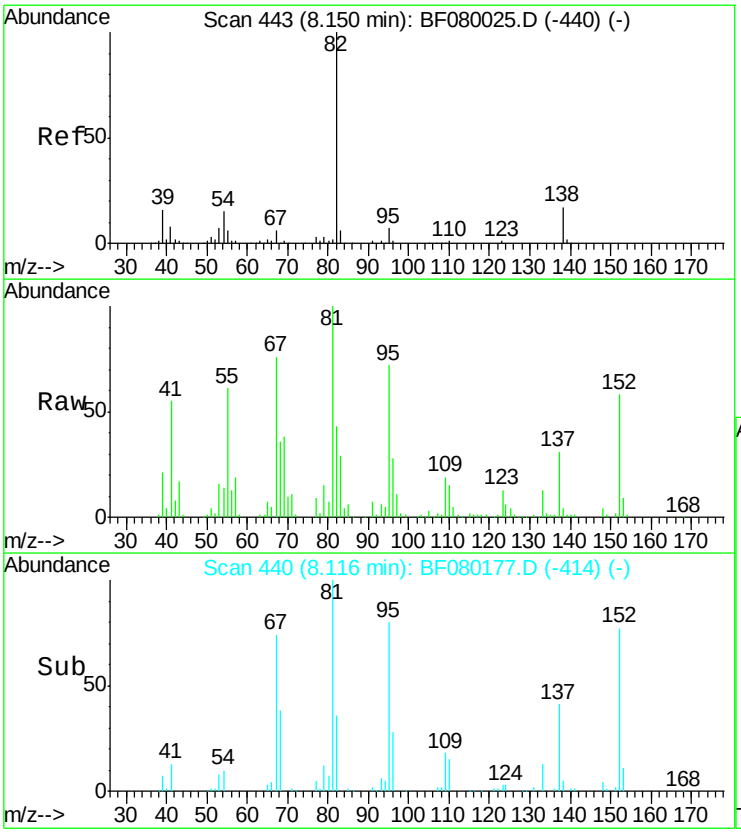

#24
Nitrobenzene
Concen: 5.48 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 77 Resp: 11082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 24.8 | 59.8 | 89.8# |
| 65 | 107.3 | 10.2 | 15.4# |

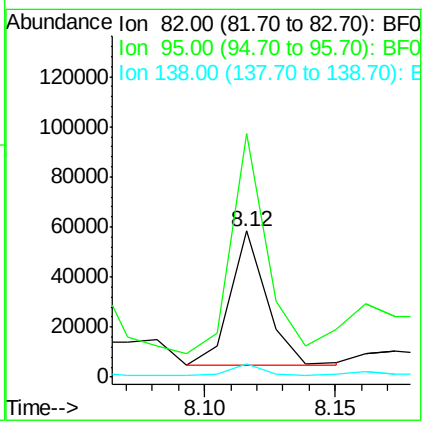


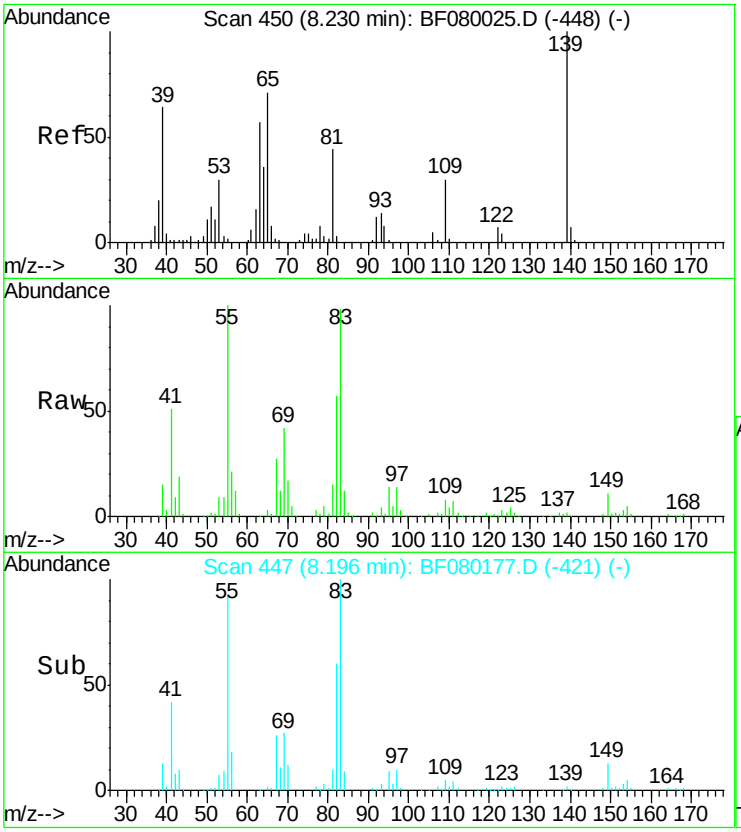




#25
Isophorone
Concen: 13.16 ng
RT: 8.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion: 82 Resp: 51919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 166.8 | 4.0 | 6.0# |
| 138 | 9.2 | 18.3 | 27.5# |



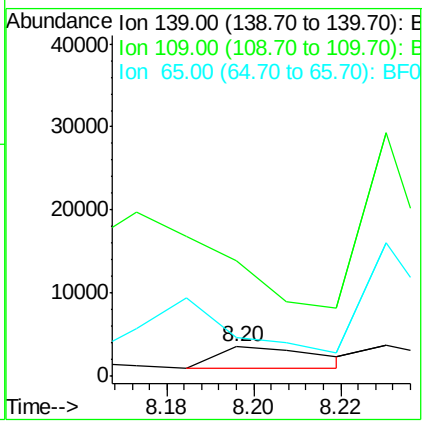


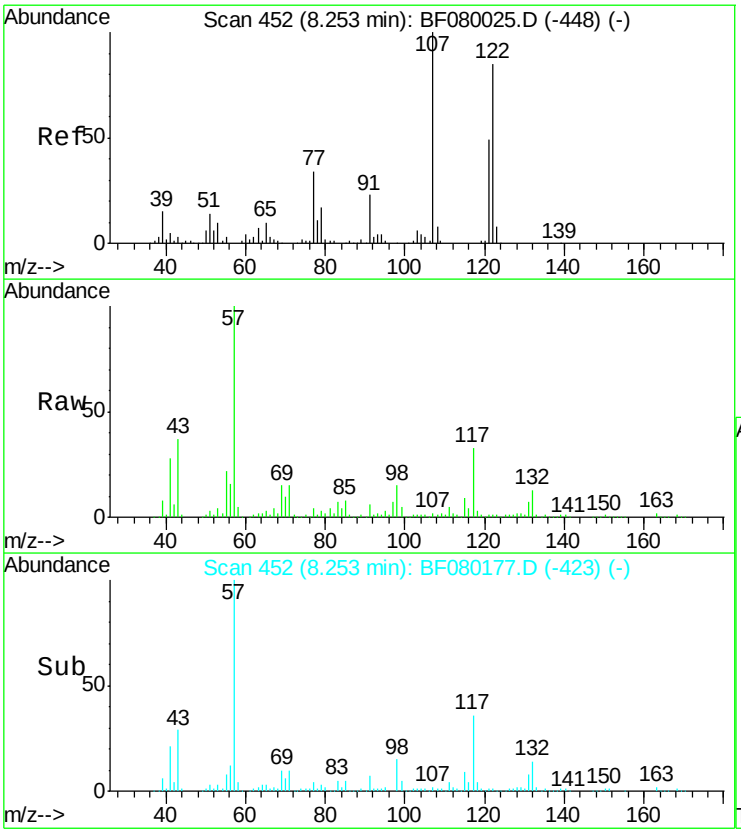

#26
2-Nitrophenol
Concen: 5.05 ng
RT: 8.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:139 Resp: 4279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 391.2 | 11.0 | 16.4# |
| 65 | 130.5 | 24.7 | 37.1# |

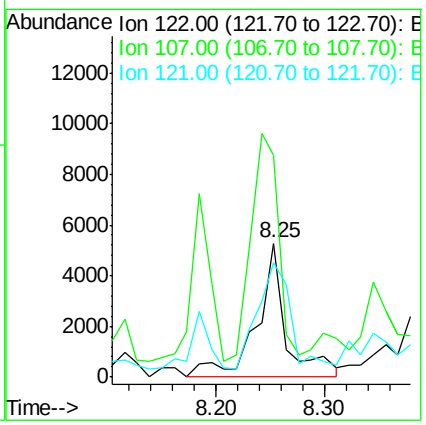


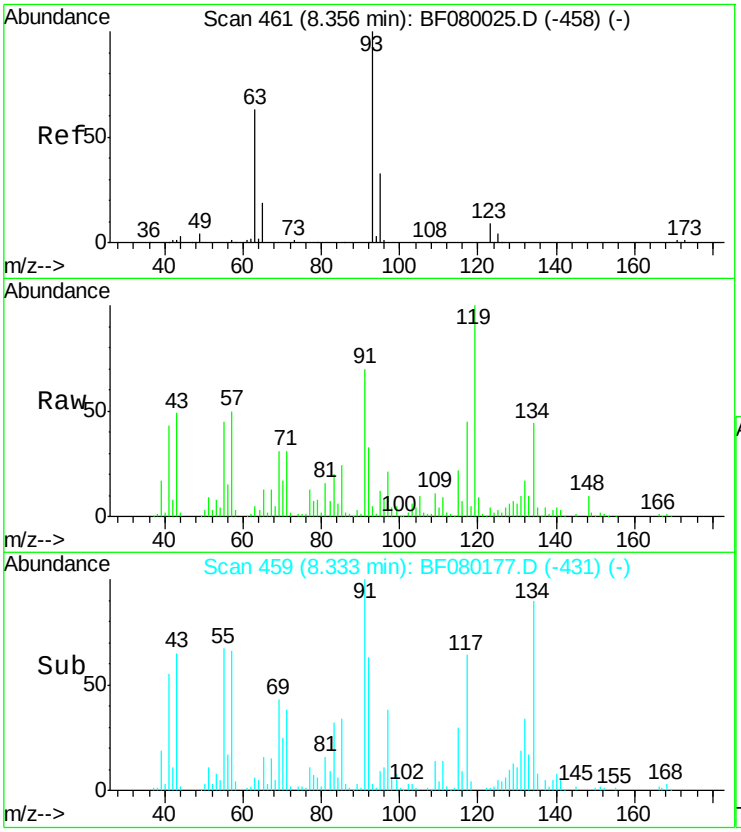




#27
2,4-Dimethylphenol
Concen: 5.65 ng
RT: 8.25 min Scan# 452
Delta R.T. 0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:122 Resp: 9978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 166.0 | 71.8 | 107.6# |
| 121 | 85.8 | 42.3 | 63.5# |



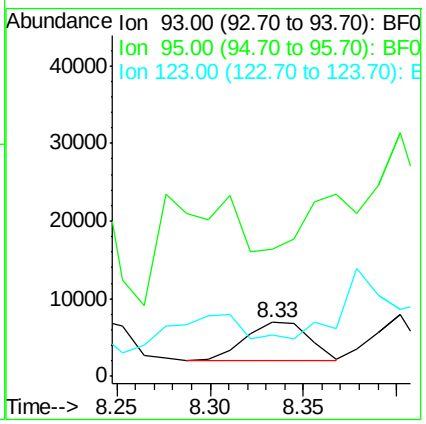


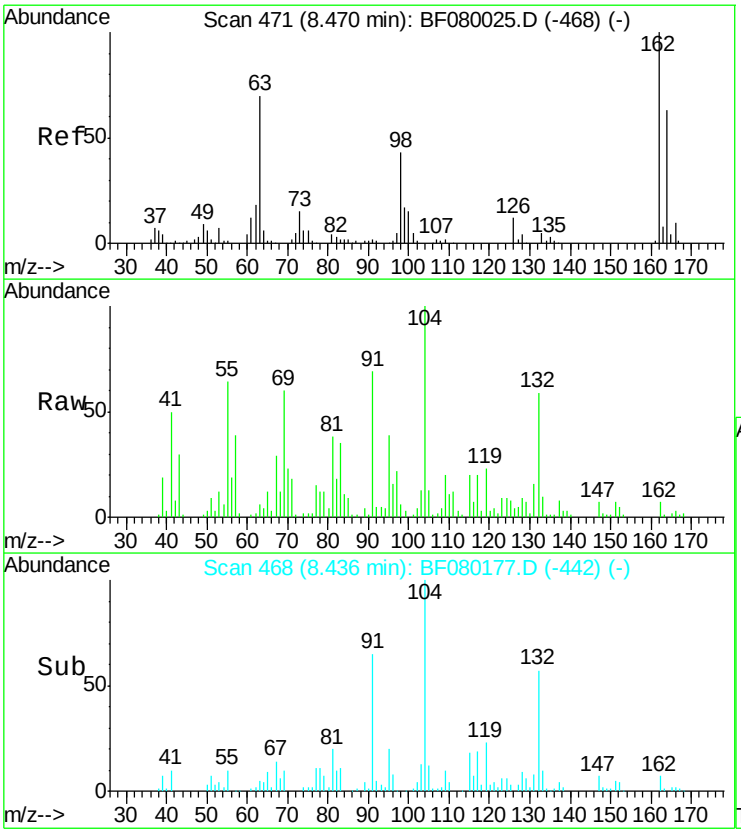

#28
bis(2-Chloroethoxy)methane
Concen: 5.12 ng
RT: 8.33 min Scan# 459
Delta R.T. 0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 93 Resp: 11861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 236.5 | 27.5 | 41.3# |
| 123 | 77.6 | 13.7 | 20.5# |

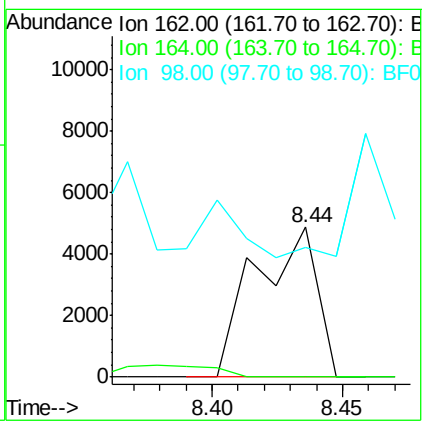


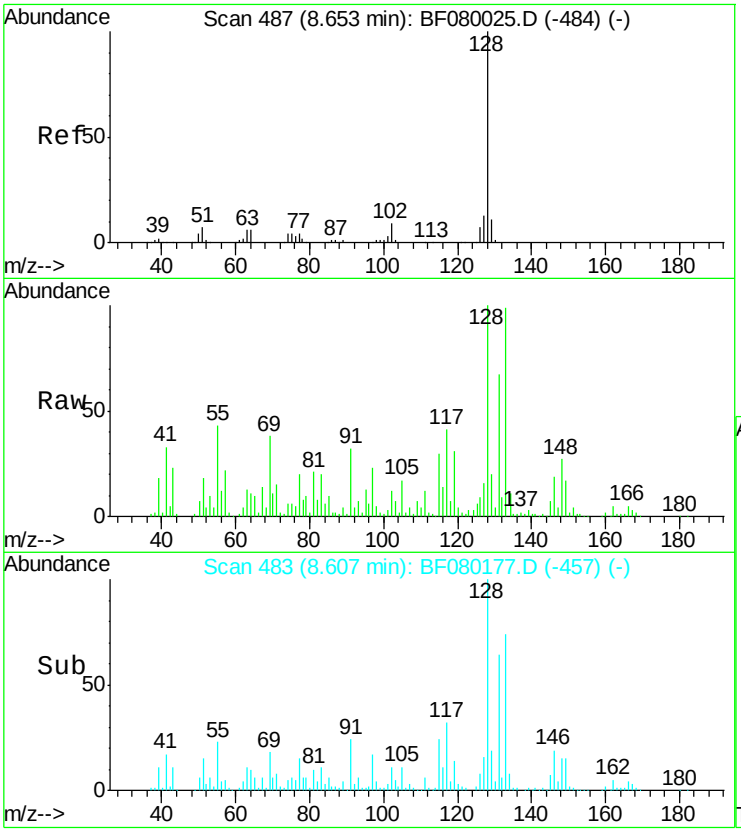




#29
2,4-Dichlorophenol
Concen: 5.33 ng
RT: 8.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:162 Resp: 8061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 0.0 | 44.9 | 84.9# |
| 98 | 86.0 | 13.0 | 53.0# |



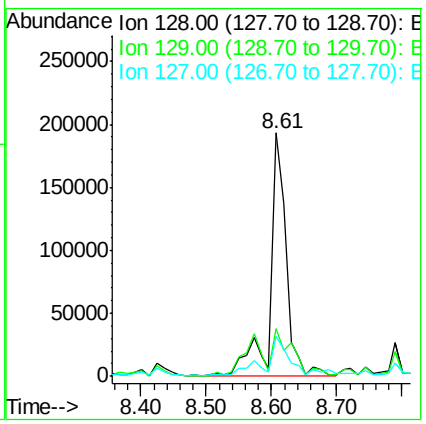


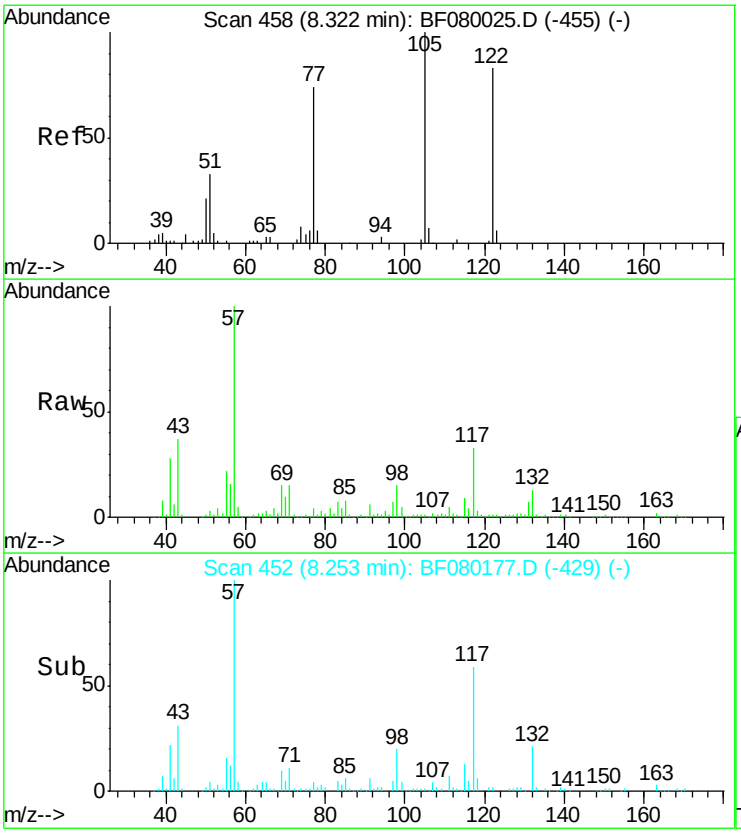

#31
Naphthalene
Concen: 55.47 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:128 Resp: 331093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 19.8 | 8.4 | 12.6# |
| 127 | 16.4 | 9.9 | 14.9# |

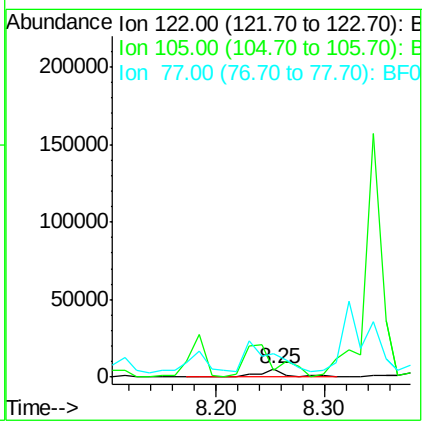


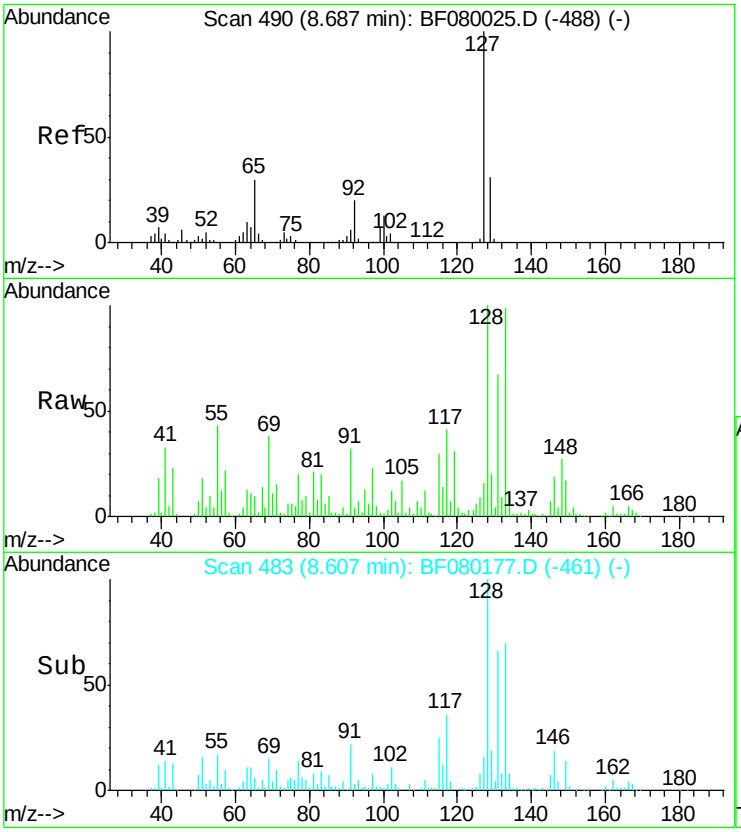




#32
Benzoic acid
Concen: 9.34 ng
RT: 8.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:122 Resp: 9978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 87.8 | 76.1 | 116.1 |
| 77 | 289.7 | 40.5 | 80.5# |



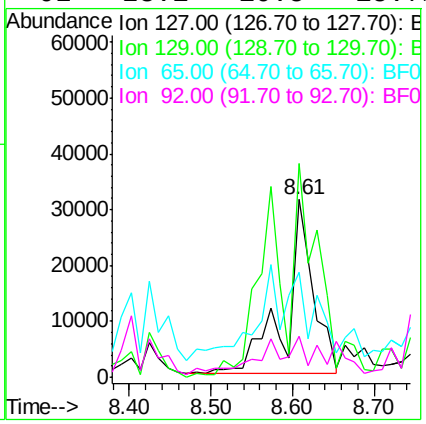


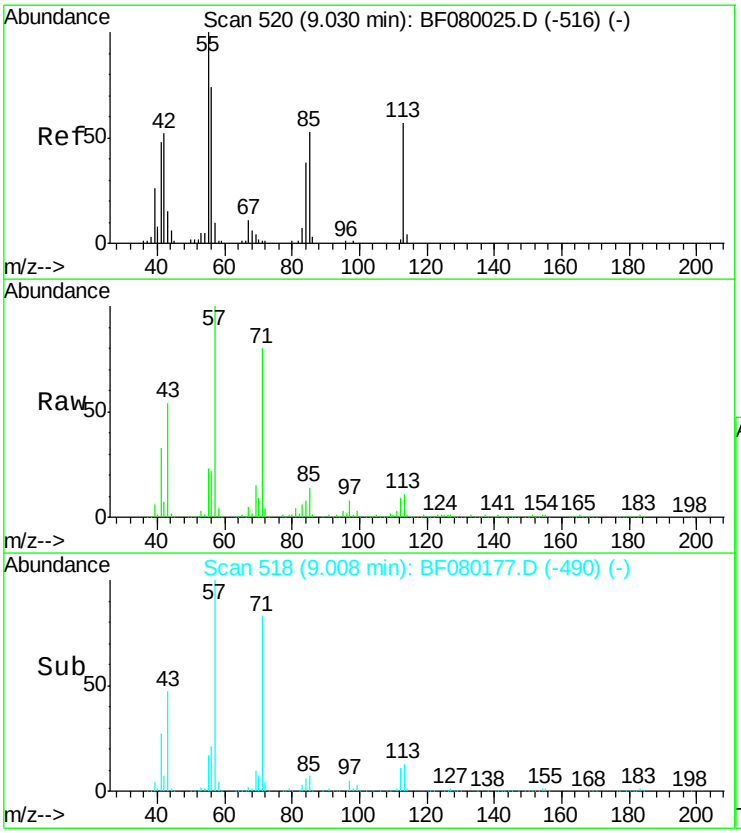

#33
4-Chloroaniline
Concen: 28.78 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.05 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:127 Resp: 73505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 120.3 | 25.8 | 38.6# |
| 65 | 58.8 | 17.9 | 26.9# |
| 92 | 23.1 | 10.5 | 15.7# |

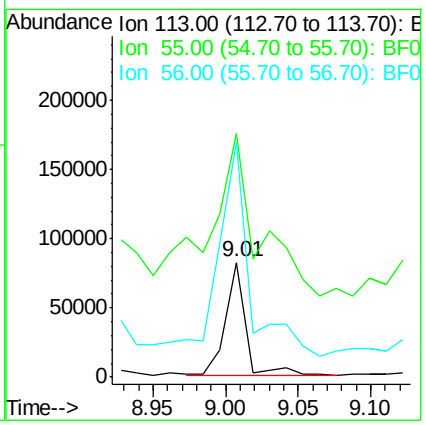


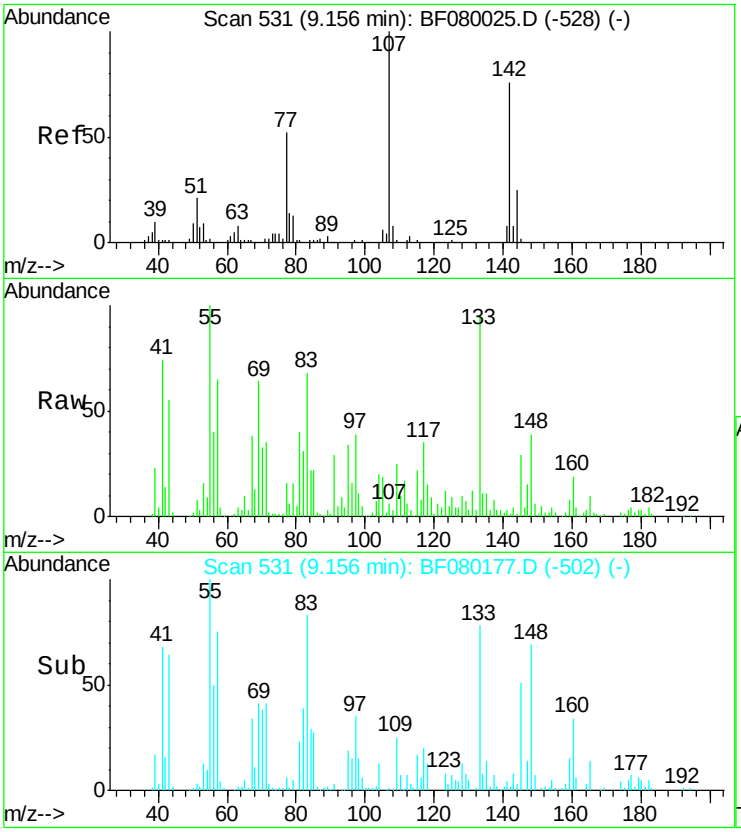




#35
Caprolactam
Concen: 156.26 ng
RT: 9.01 min Scan# 518
Delta R.T. 0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:113 Resp: 76728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 212.2 | 152.4 | 192.4# |
| 56 | 204.3 | 104.6 | 144.6# |



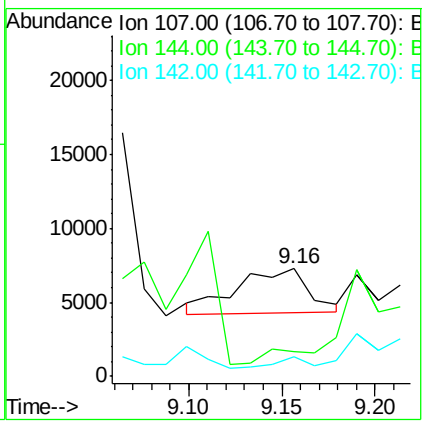


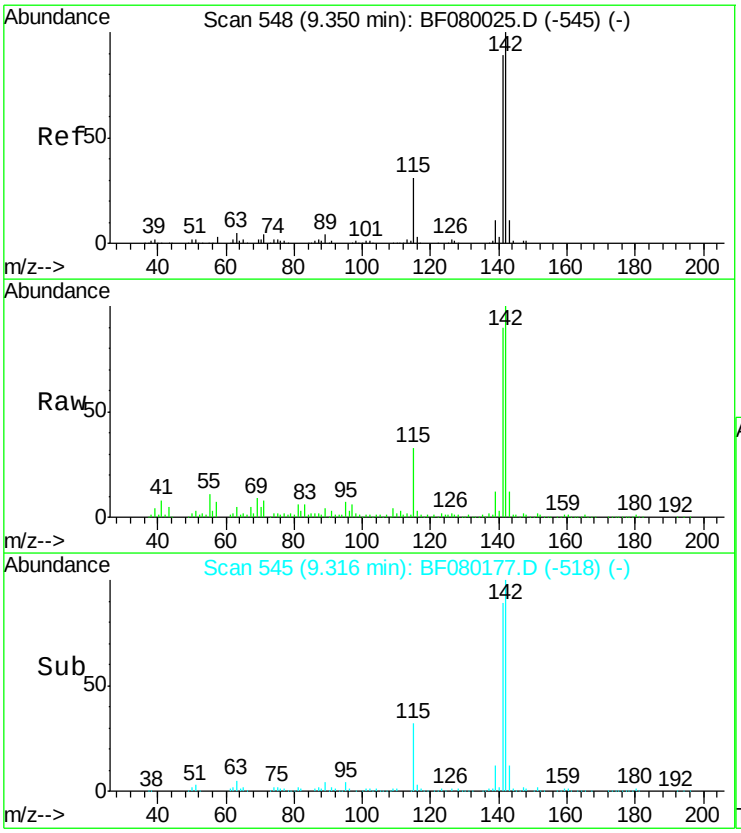

#36
4-Chloro-3-methylphenol
Concen: 4.71 ng
RT: 9.16 min Scan# 531
Delta R.T. 0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:107 Resp: 8034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.8 | 25.4 | 38.0# |
| 142 | 18.4 | 77.3 | 115.9# |

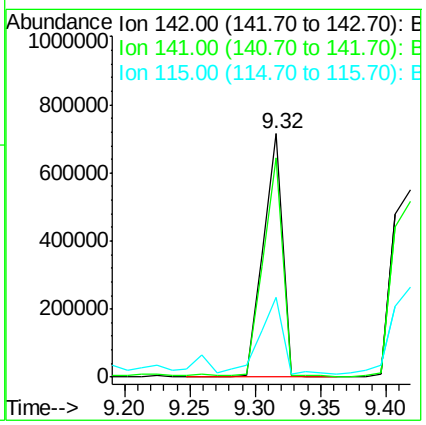


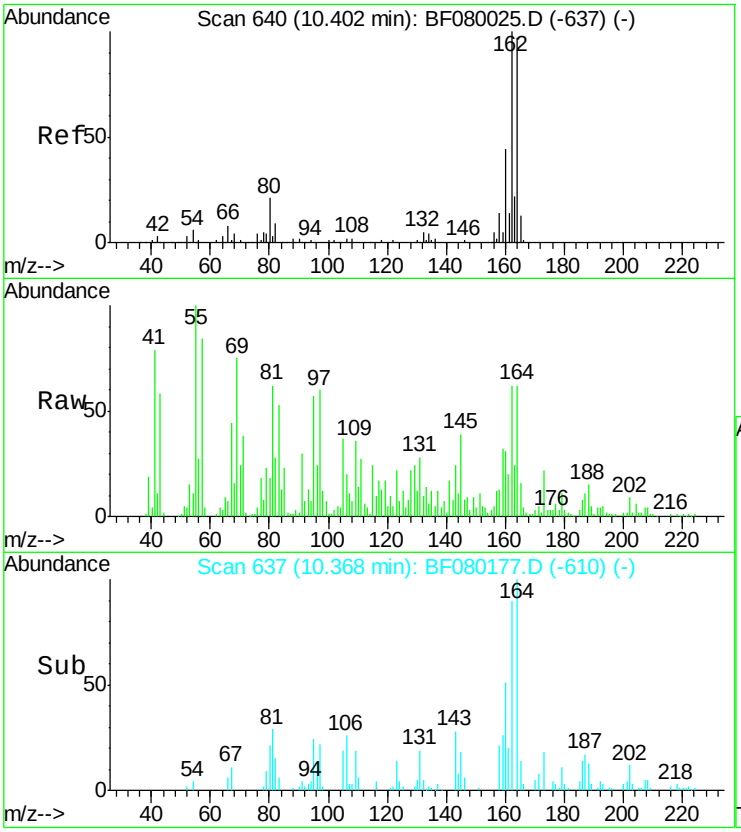




#37
2-Methylnaphthalene
Concen: 193.78 ng
RT: 9.32 min Scan# 545
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:142 Resp: 748158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 67.5 | 101.3 |
| 115 | 32.8 | 18.2 | 27.2# |



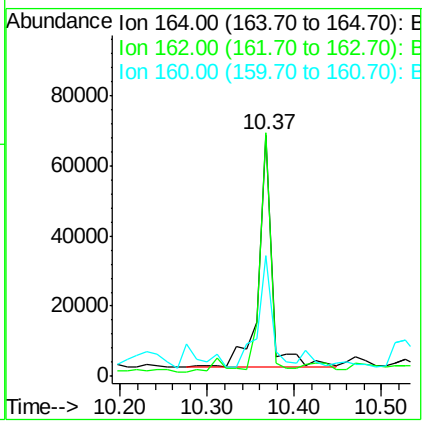


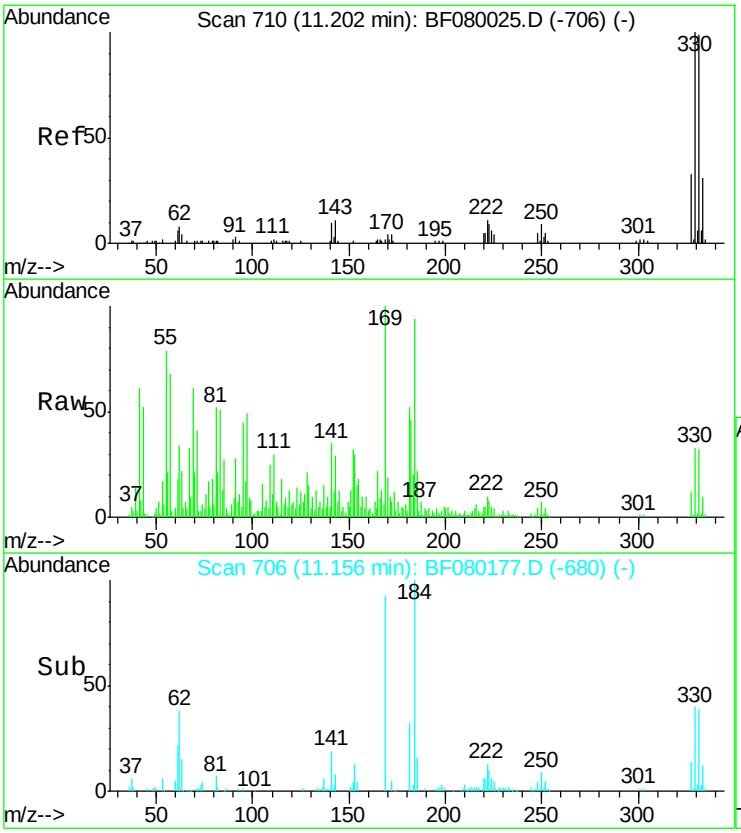

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.37 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:164 Resp: 72560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 75.2 | 112.8 |
| 160 | 50.2 | 31.5 | 47.3# |

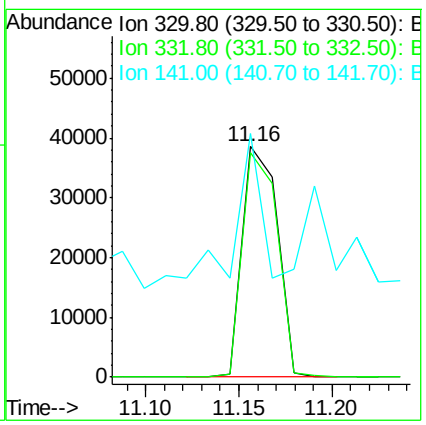


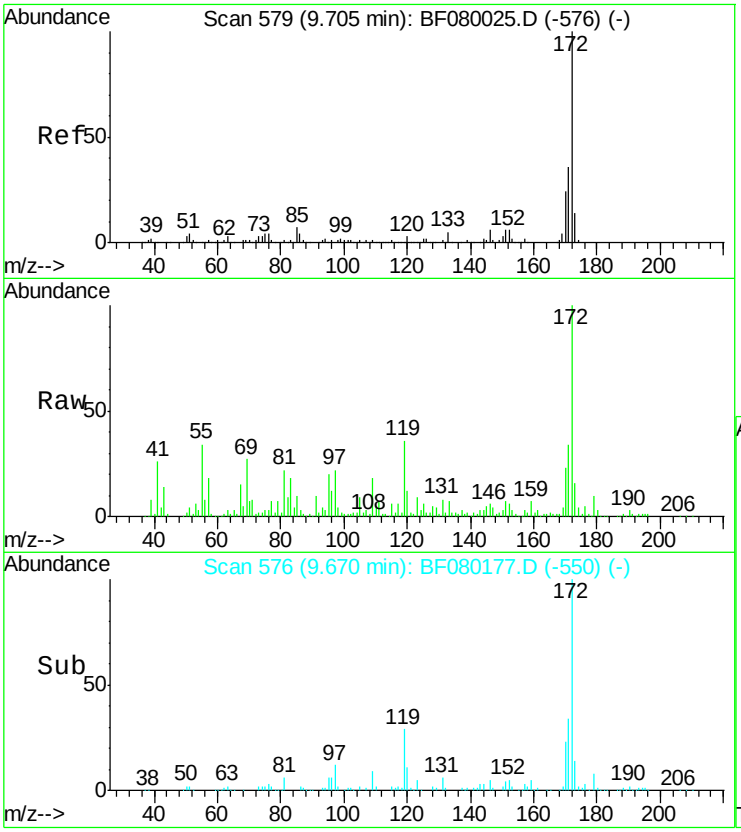




#41
2,4,6-Tribromophenol
Concen: 70.72 ng
RT: 11.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:330 Resp: 50179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 76.6 | 114.8 |
| 141 | 41.7 | 29.7 | 44.5 |



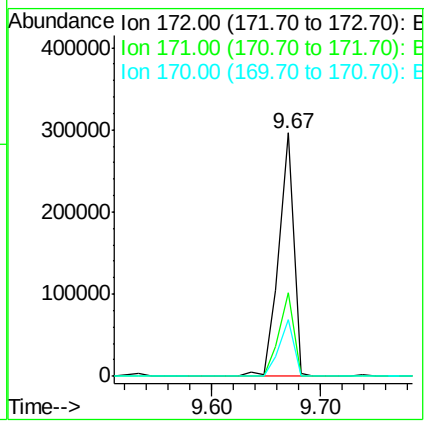


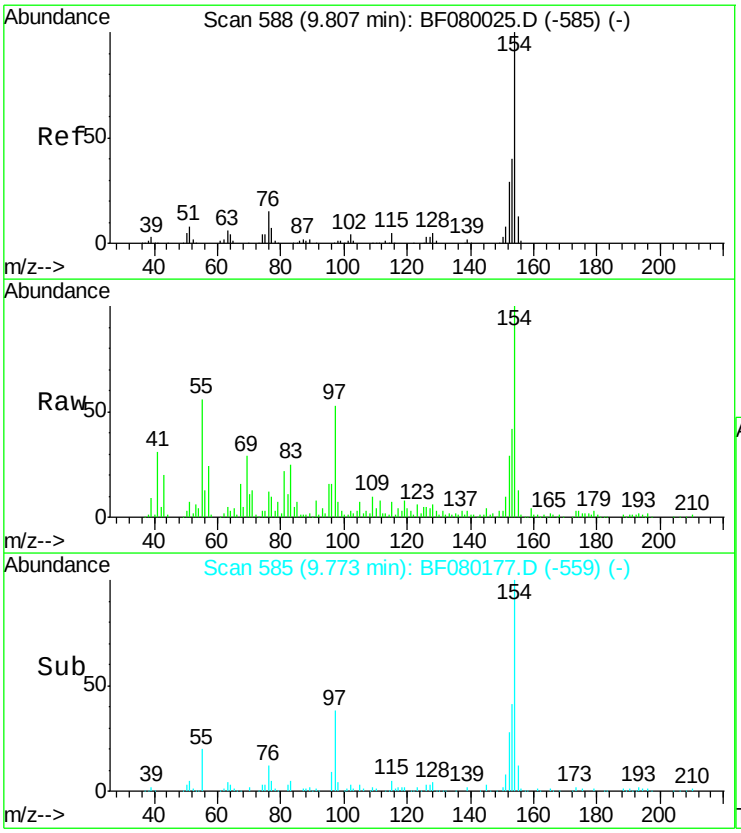

#44
2-Fluorobiphenyl
Concen: 55.71 ng
RT: 9.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:172 Resp: 283436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 26.1 | 39.1 |
| 170 | 23.2 | 17.4 | 26.2 |

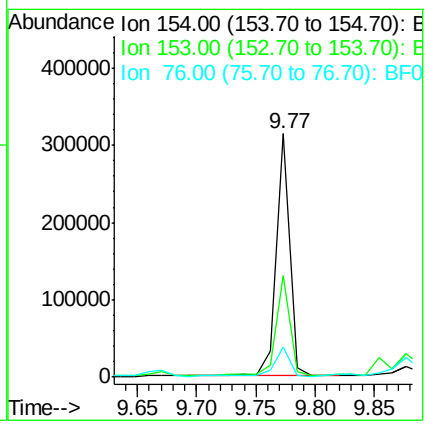


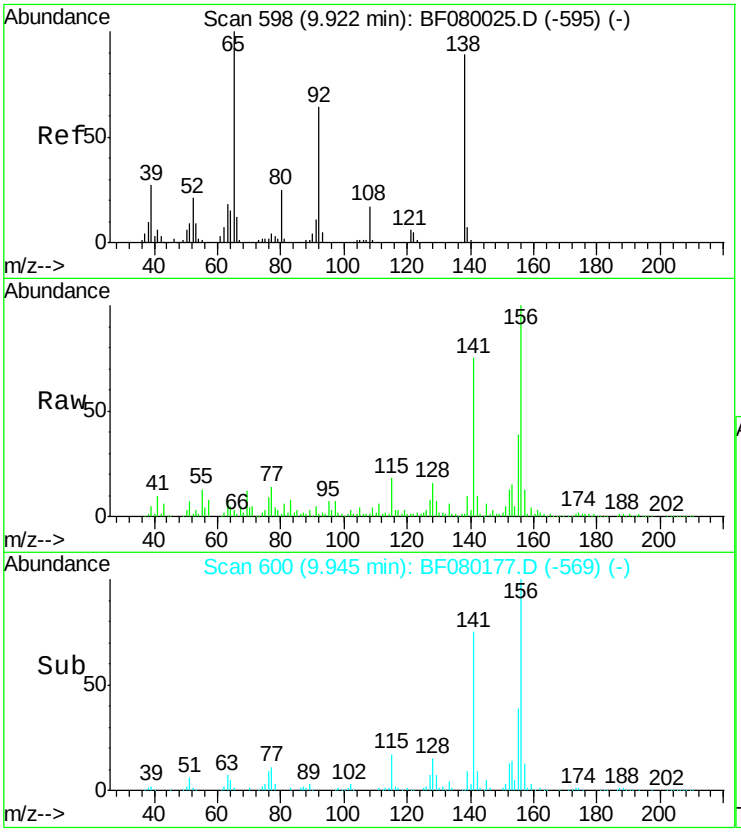




#45
1,1'-Biphenyl
Concen: 41.96 ng
RT: 9.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:154 Resp: 247734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.7 | 17.1 | 57.1 |
| 76 | 12.3 | 0.0 | 31.6 |



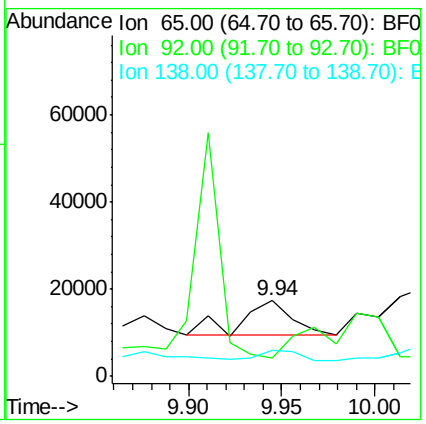


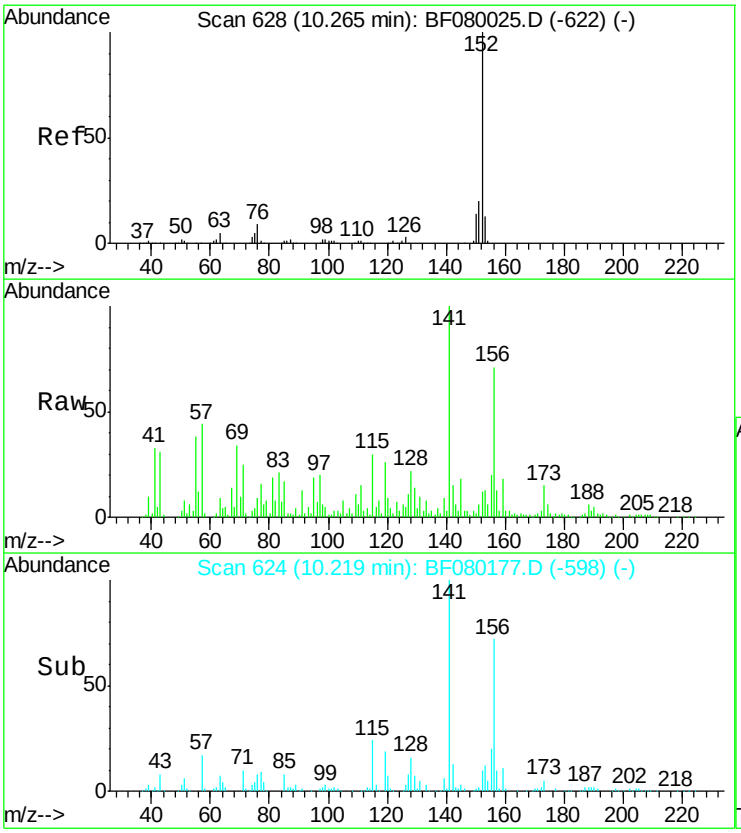

#47
2-Nitroaniline
Concen: 11.68 ng
RT: 9.94 min Scan# 600
Delta R.T. 0.06 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 65 Resp: 15361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 23.8 | 55.4 | 83.0# |
| 138 | 34.5 | 115.5 | 173.3# |

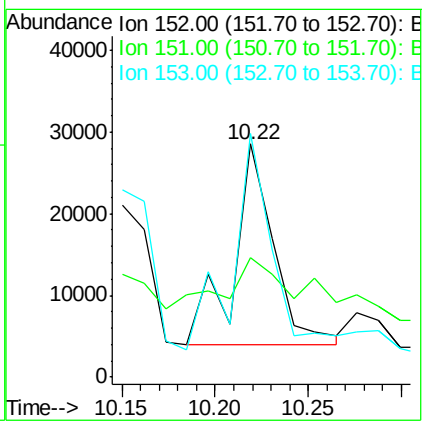


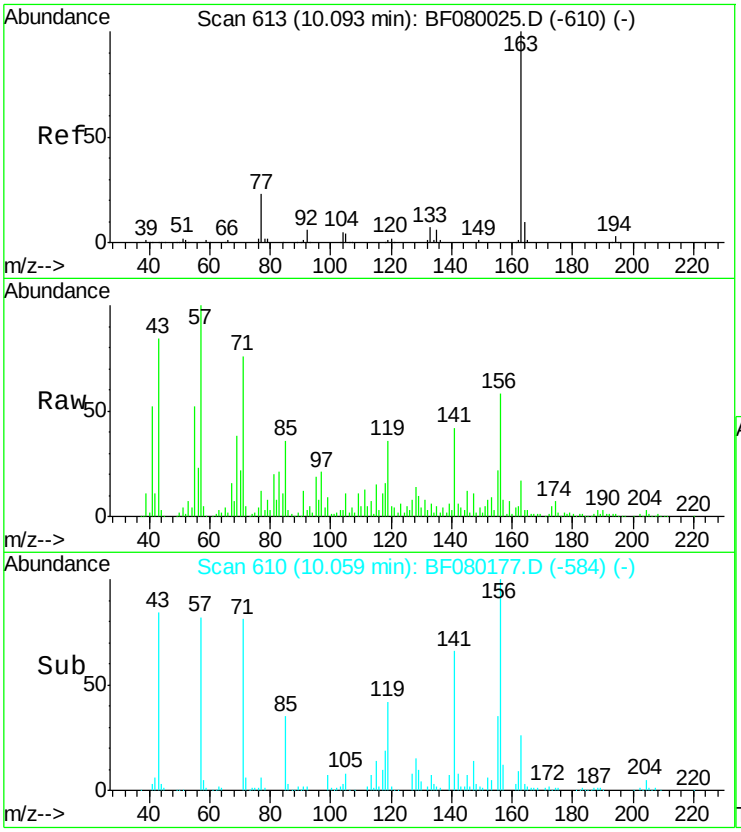




#48
Acenaphthylene
Concen: 4.58 ng
RT: 10.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:152 Resp: 36593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 51.0 | 14.6 | 22.0# |
| 153 | 104.5 | 10.3 | 15.5# |



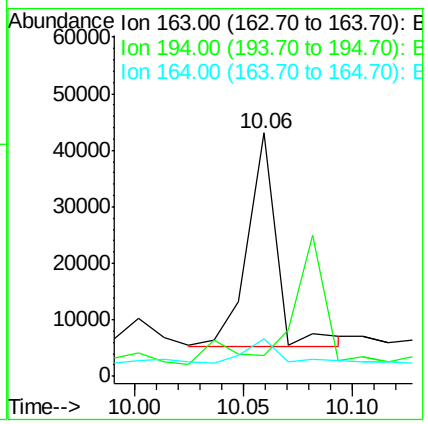


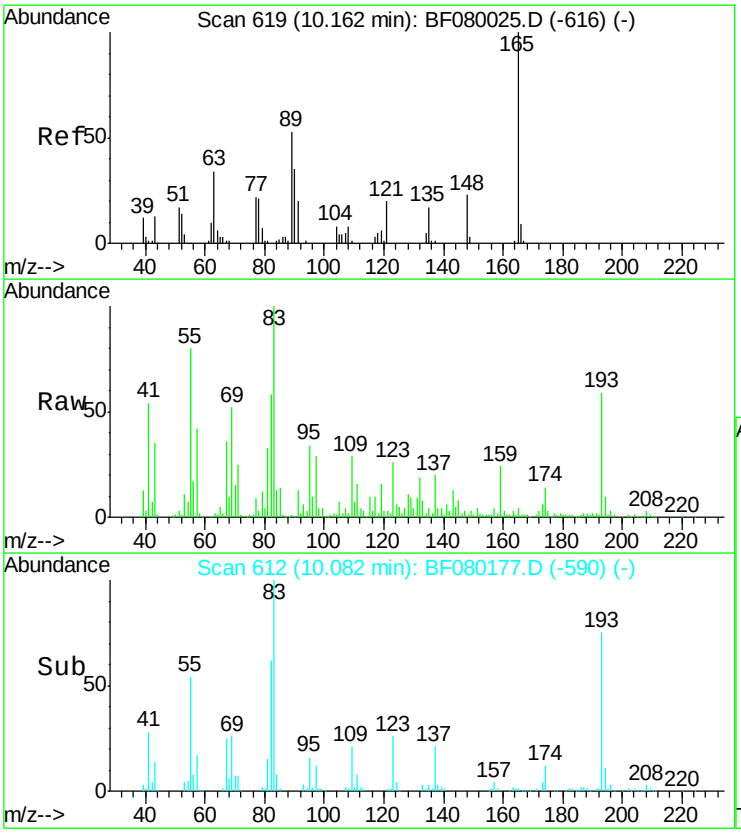

#49
Dimethylphthalate
Concen: 6.43 ng
RT: 10.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:163 Resp: 35090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 8.4 | 4.4 | 6.6# |
| 164 | 15.5 | 8.3 | 12.5# |

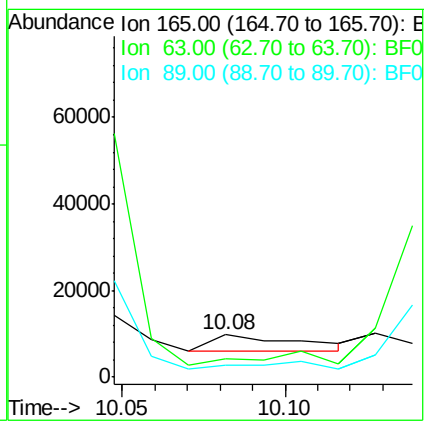


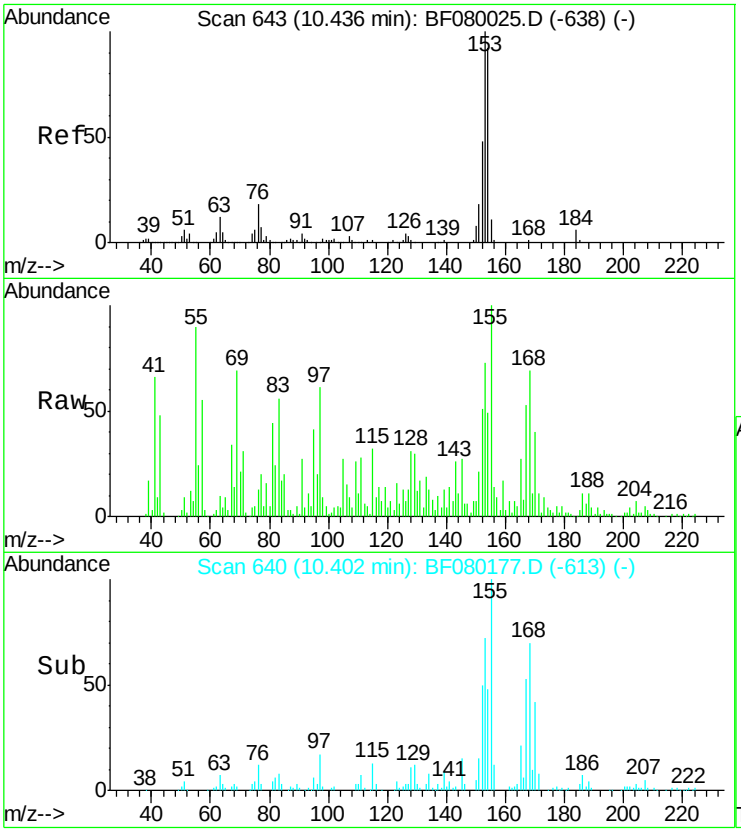




#50
2,6-Dinitrotoluene
Concen: 6.36 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.05 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:165 Resp: 6950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.2 | 32.3 | 48.5 |
| 89 | 28.0 | 28.6 | 43.0# |



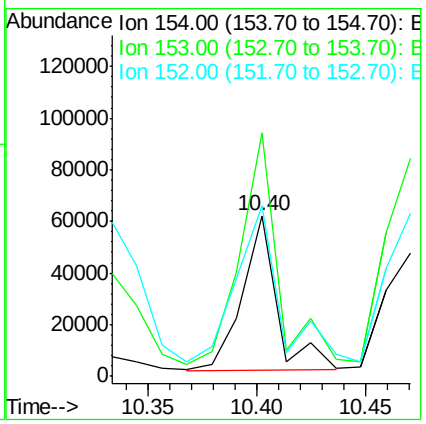


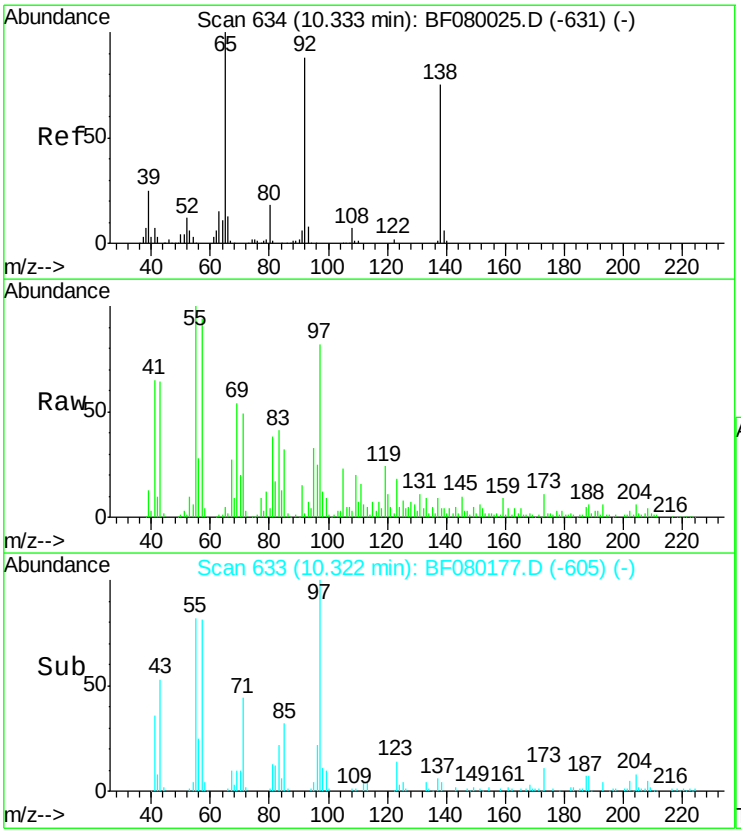

#51
Acenaphthene
Concen: 13.66 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:154 Resp: 66833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 151.2 | 82.1 | 123.1# |
| 152 | 105.8 | 37.9 | 56.9# |

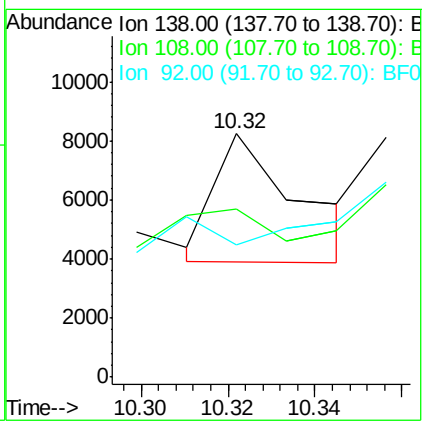


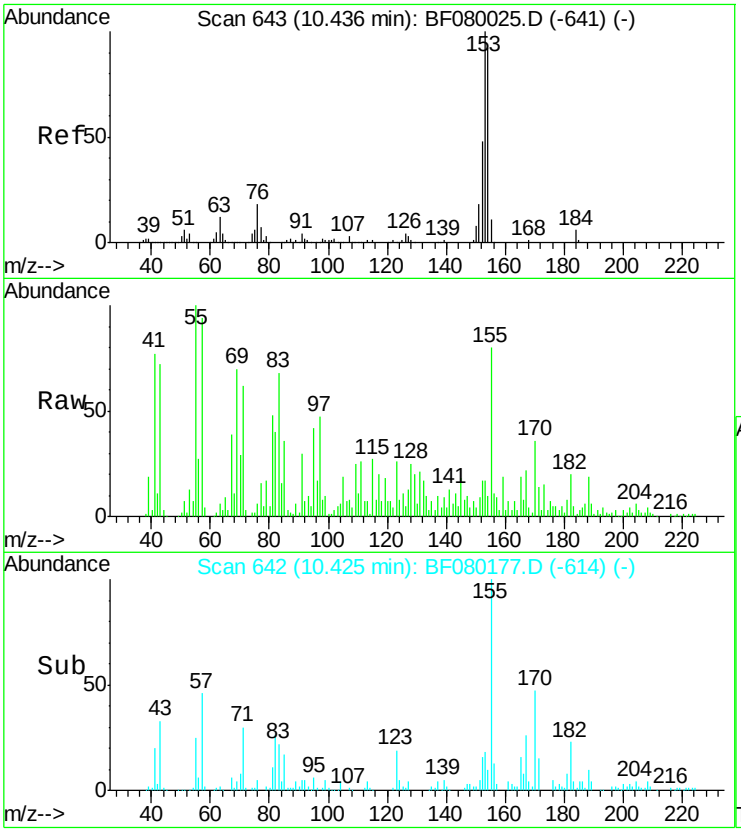




#52
3-Nitroaniline
Concen: 4.57 ng
RT: 10.32 min Scan# 633
Delta R.T. 0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:138 Resp: 5761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 69.0 | 5.7 | 8.5# |
| 92 | 54.4 | 67.7 | 101.5# |



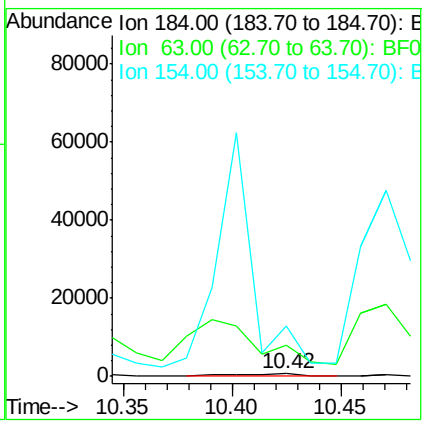


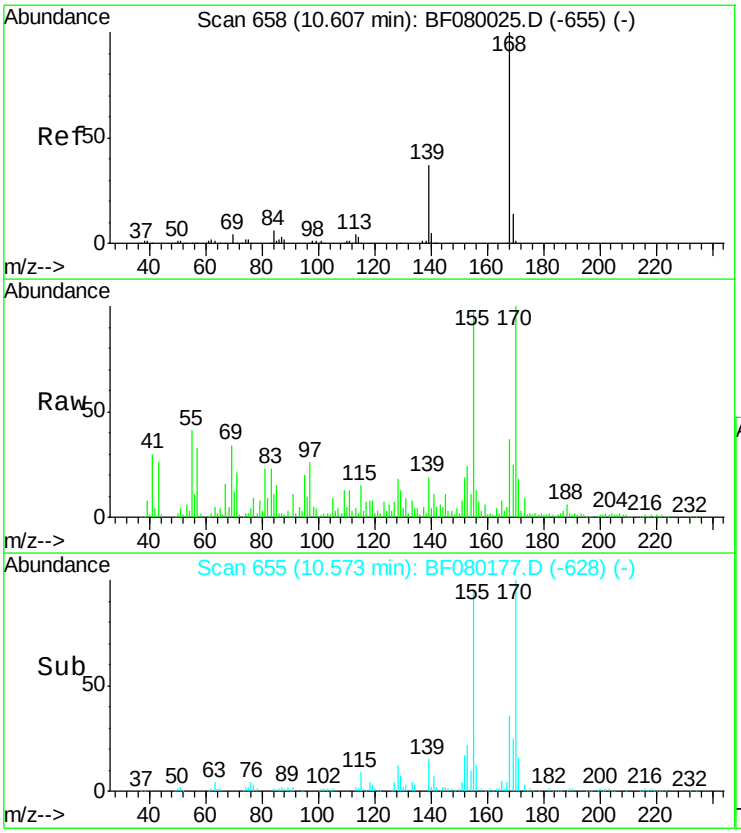

#53
2,4-Dinitrophenol
Concen: 8.45 ng
RT: 10.42 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:184 Resp: 1256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 1211.2 | 35.4 | 53.2# |
| 154 | 1937.1 | 32.2 | 48.4# |

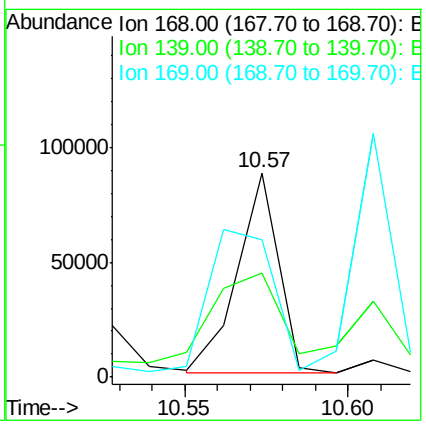


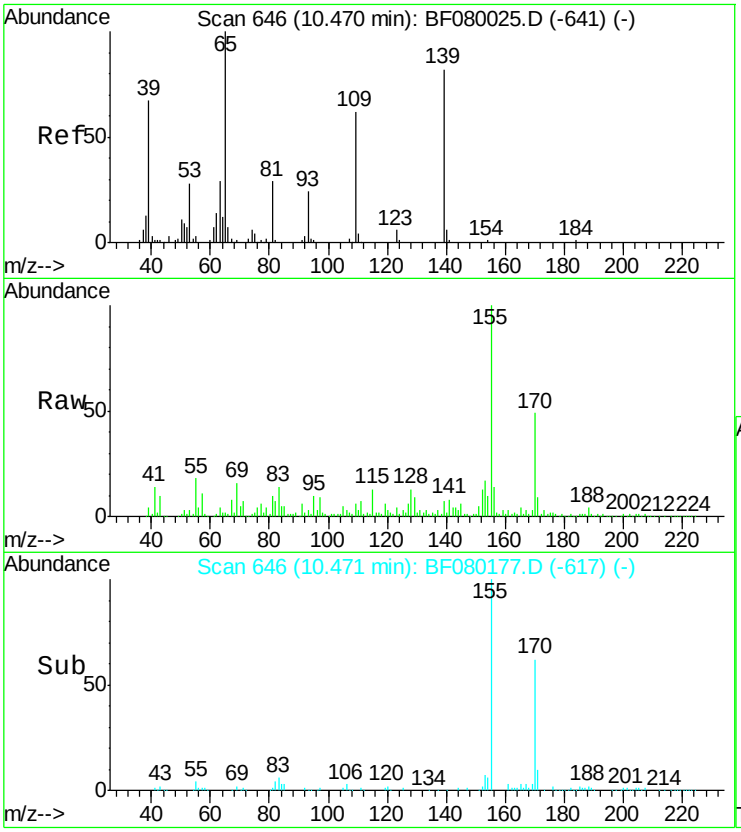




#54
Dibenzofuran
Concen: 10.87 ng
RT: 10.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:168 Resp: 75433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 50.7 | 24.2 | 36.2# |
| 169 | 67.4 | 10.6 | 15.8# |



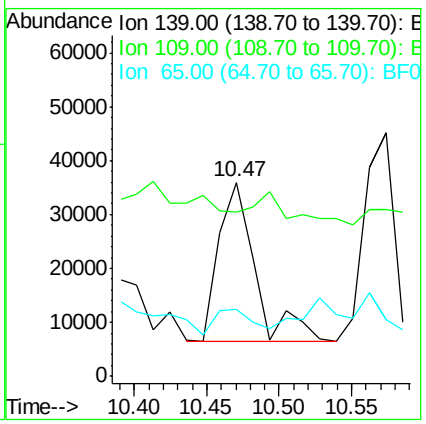


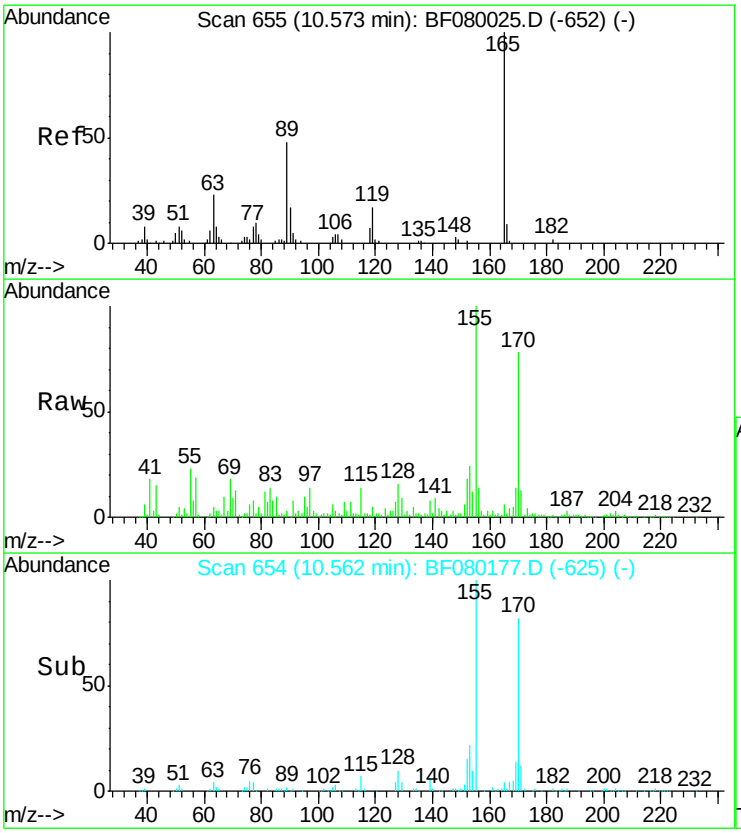

#55
4-Nitrophenol
Concen: 51.38 ng
RT: 10.47 min Scan# 646
Delta R.T. 0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:139 Resp: 51820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 84.5 | 12.7 | 52.7# |
| 65 | 34.5 | 45.9 | 85.9# |

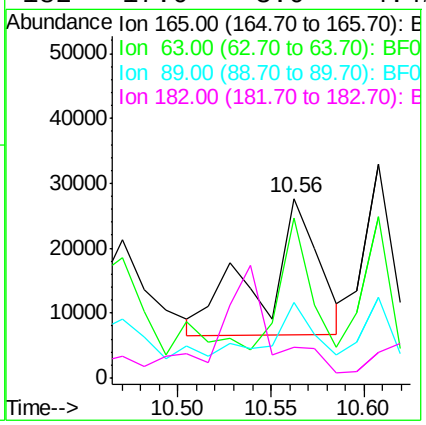


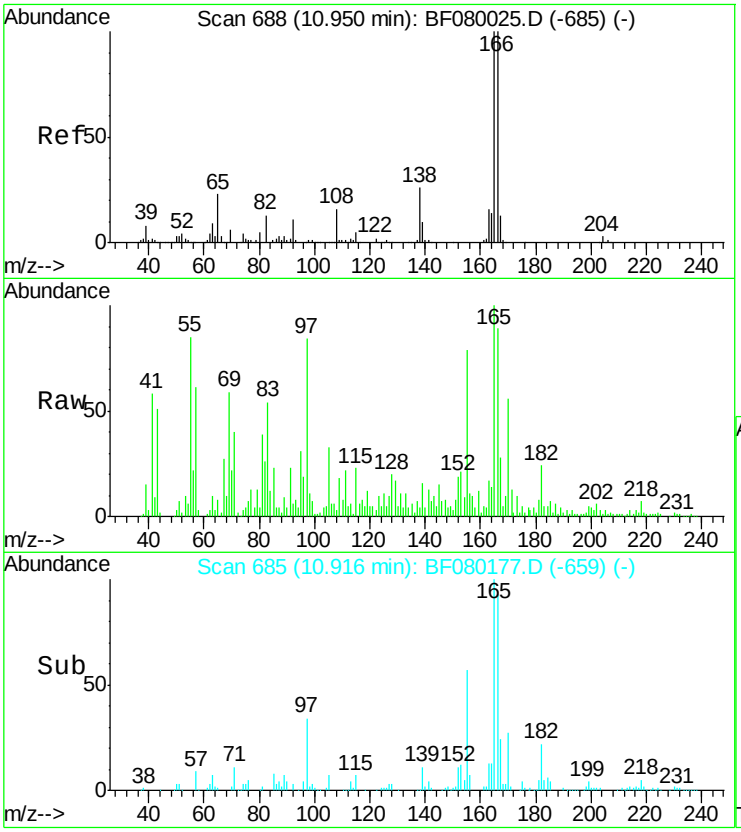




#56
2,4-Dinitrotoluene
Concen: 31.92 ng
RT: 10.56 min Scan# 654
Delta R.T. 0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:165 Resp: 44301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 89.4 | 29.8 | 44.6# |
| 89 | 42.3 | 44.5 | 66.7# |
| 182 | 17.0 | 3.0 | 4.4# |



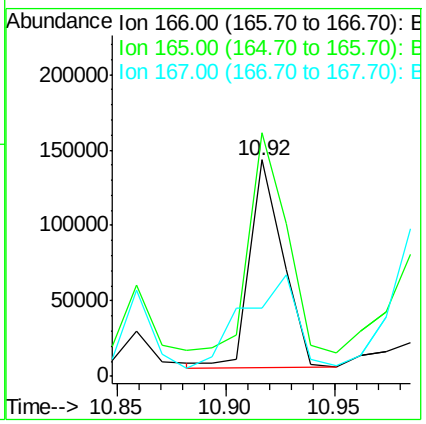


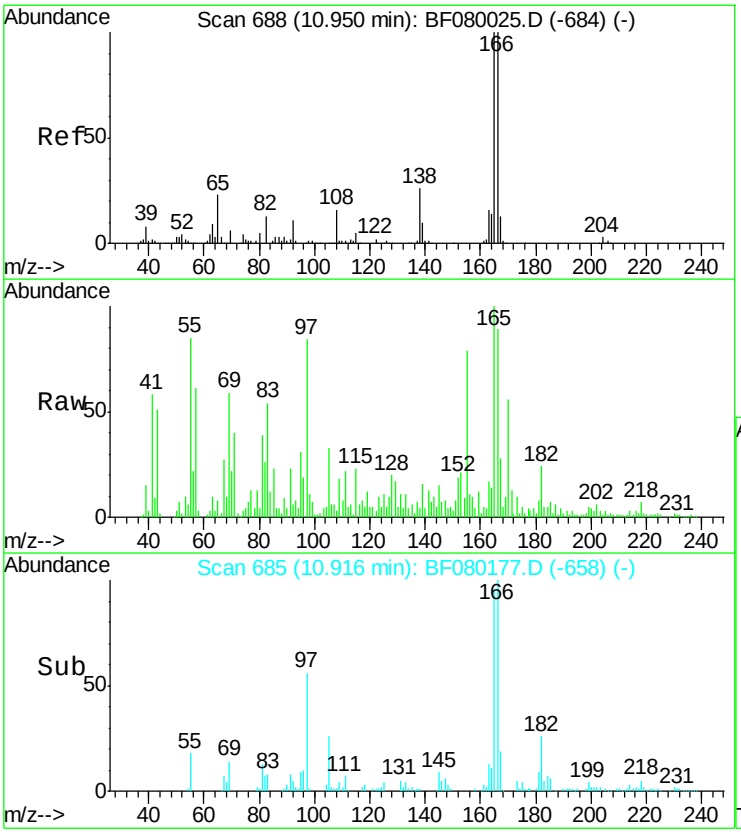

#57
Fluorene
Concen: 26.89 ng
RT: 10.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:166 Resp: 148067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 112.5 | 72.6 | 109.0# |
| 167 | 31.4 | 10.6 | 16.0# |

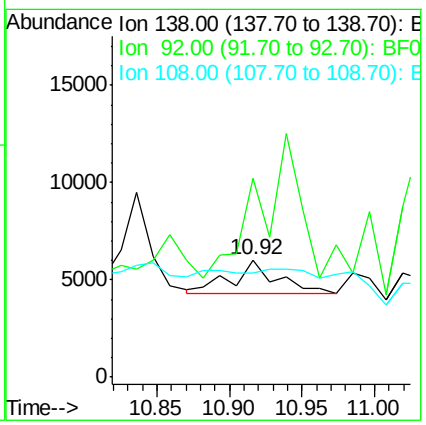


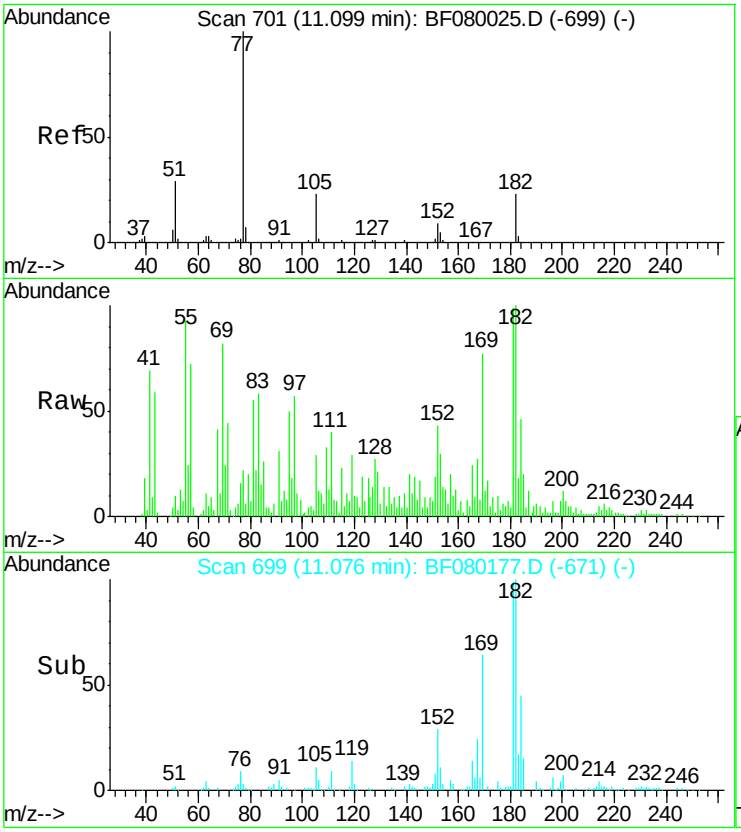




#61
4-Nitroaniline
Concen: 2.74 ng
RT: 10.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:138 Resp: 3574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 169.9 | 12.6 | 52.6# |
| 108 | 88.6 | 12.4 | 52.4# |



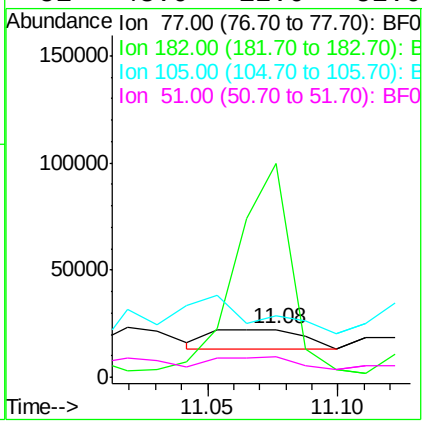


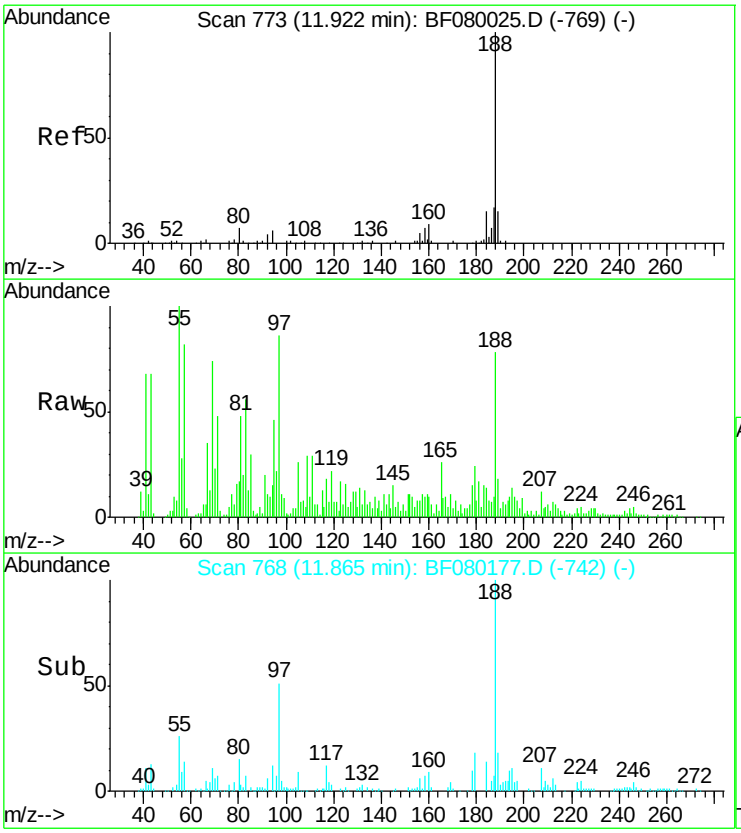

#62
Azobenzene
Concen: 4.13 ng
RT: 11.08 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion: 77 Resp: 23120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 445.9 | 15.1 | 55.1# |
| 105 | 128.5 | 3.4 | 43.4# |
| 51 | 43.0 | 12.0 | 52.0 |

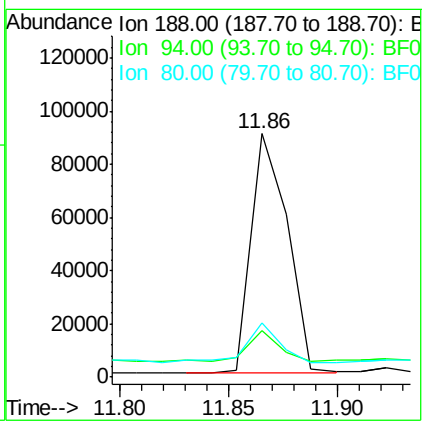


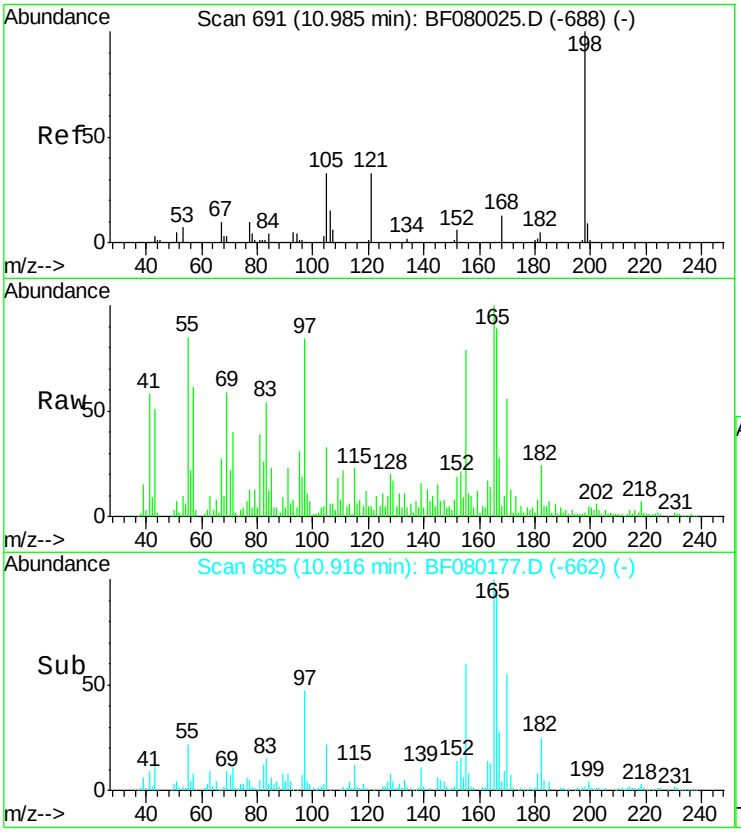




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:188 Resp: 104766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 19.1 | 11.1 | 16.7# |
| 80 | 22.1 | 11.0 | 16.4# |



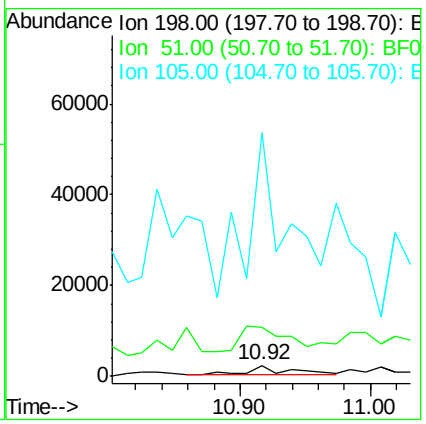


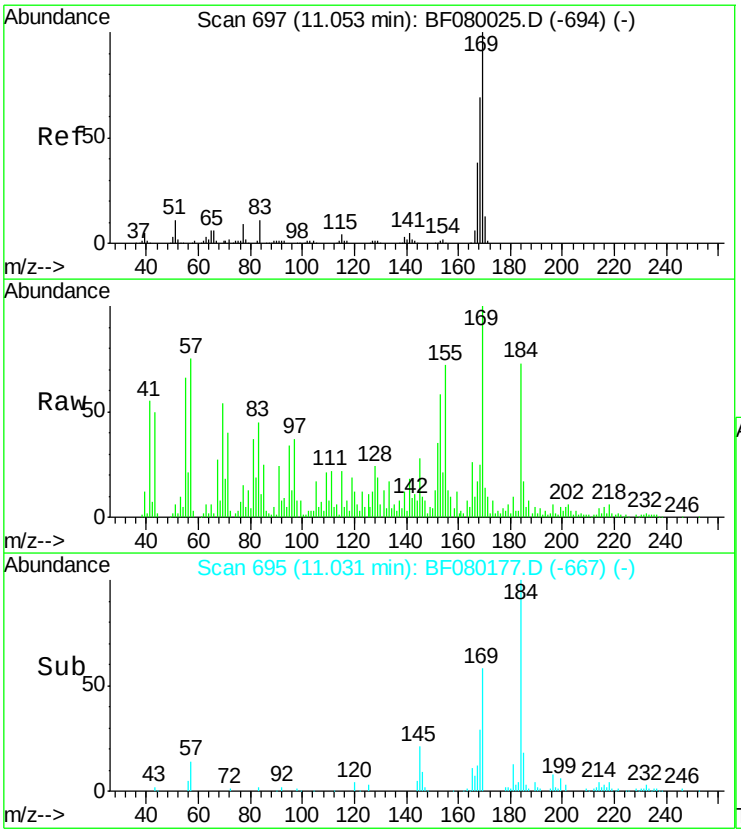

#64
4,6-Dinitro-2-methylphenol
Concen: 14.01 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:198 Resp: 4707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 448.1 | 39.6 | 79.6# |
| 105 | 2199.8 | 28.5 | 68.5# |

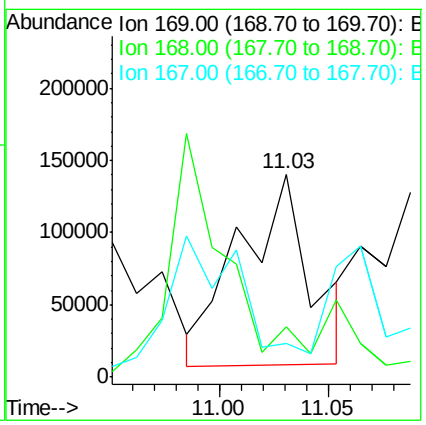


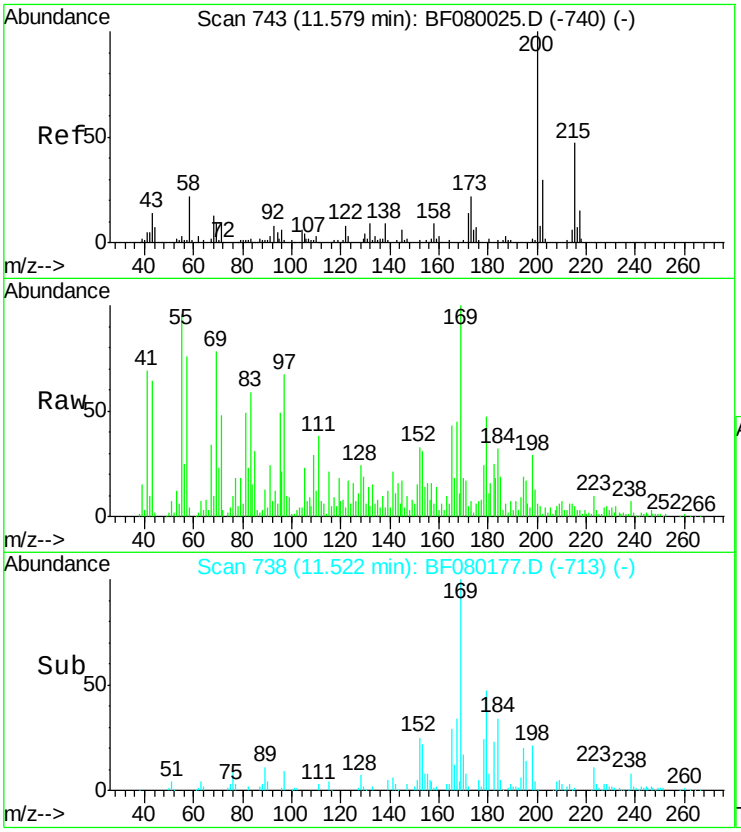




#65
n-Nitrosodiphenylamine
Concen: 88.50 ng
RT: 11.03 min Scan# 695
Delta R.T. 0.02 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:169 Resp: 301933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 24.7 | 48.9 | 73.3# |
| 167 | 16.7 | 26.2 | 39.4# |



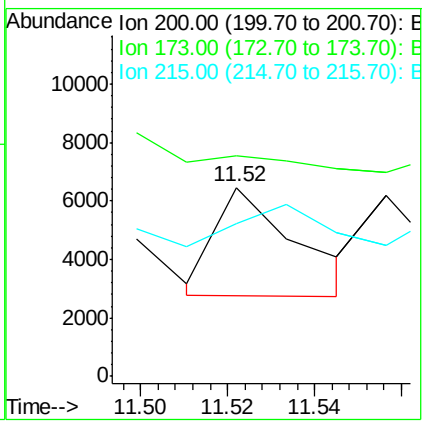


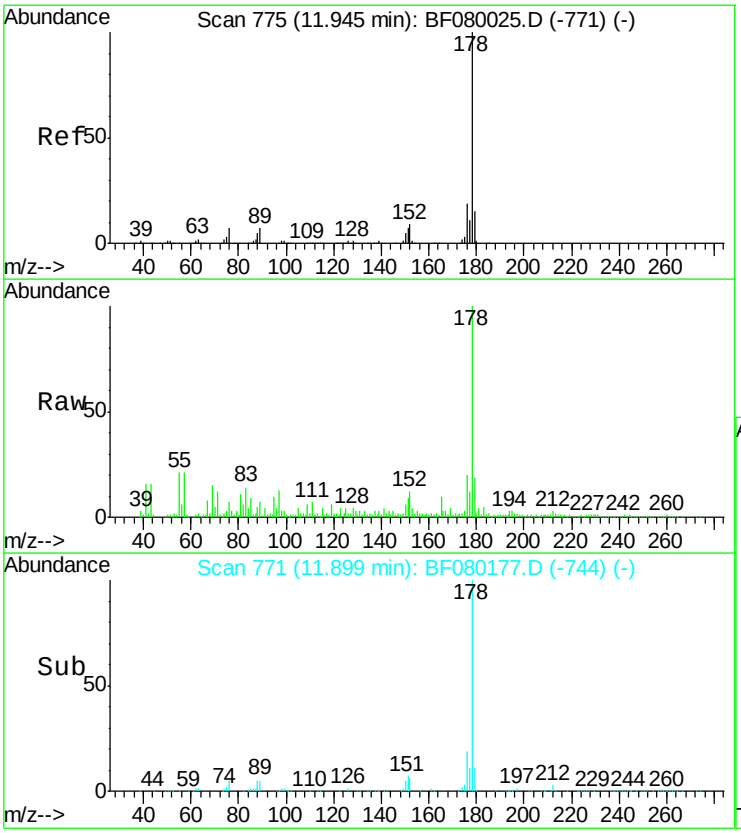

#68
Atrazine
Concen: 4.50 ng
RT: 11.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:200 Resp: 4851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 116.4 | 13.2 | 53.2# |
| 215 | 80.8 | 41.8 | 81.8 |

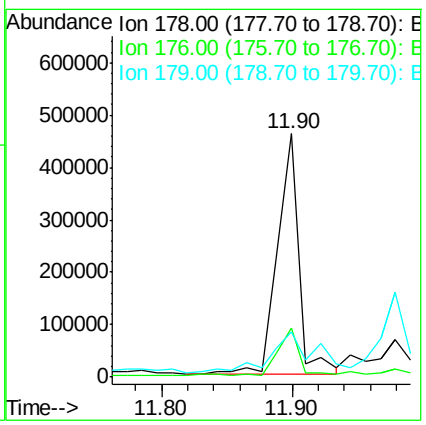


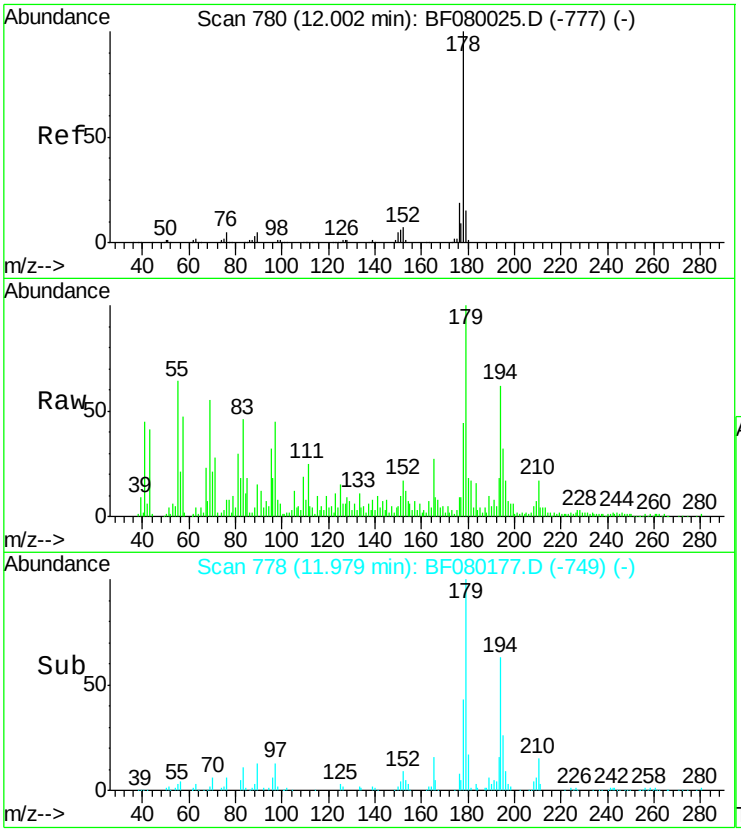




#70
Phenanthrene
Concen: 83.70 ng
RT: 11.90 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:178 Resp: 530898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 13.8 | 20.8 |
| 179 | 18.5 | 12.2 | 18.2# |



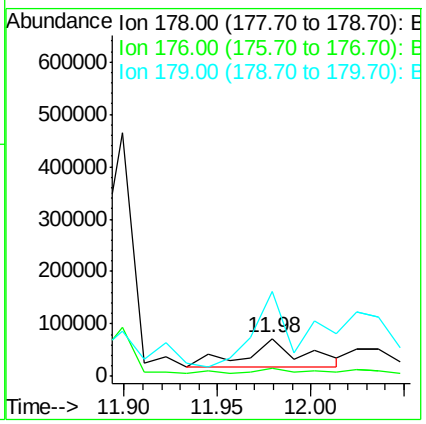


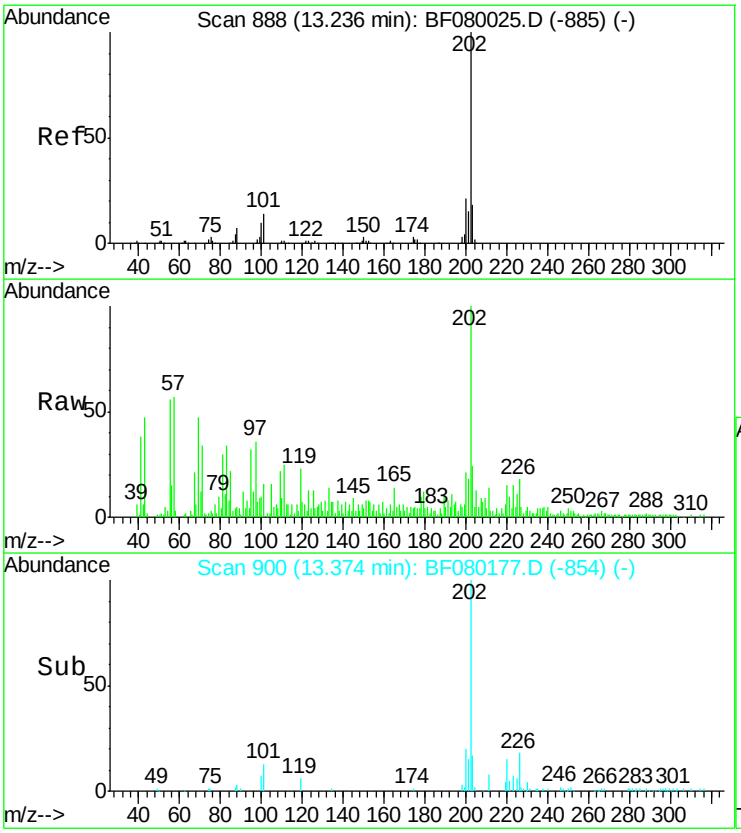

#71
Anthracene
Concen: 19.57 ng
RT: 11.98 min Scan# 778
Delta R.T. 0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:178 Resp: 119517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.3 | 14.1 | 21.1# |
| 179 | 227.0 | 12.2 | 18.2# |

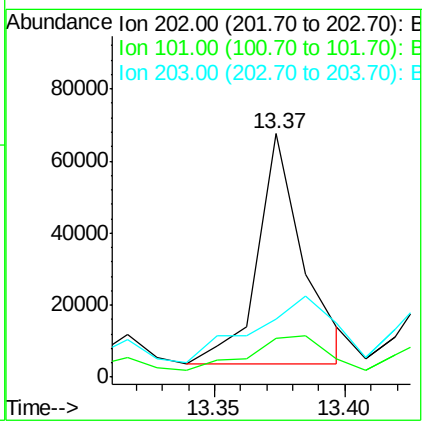


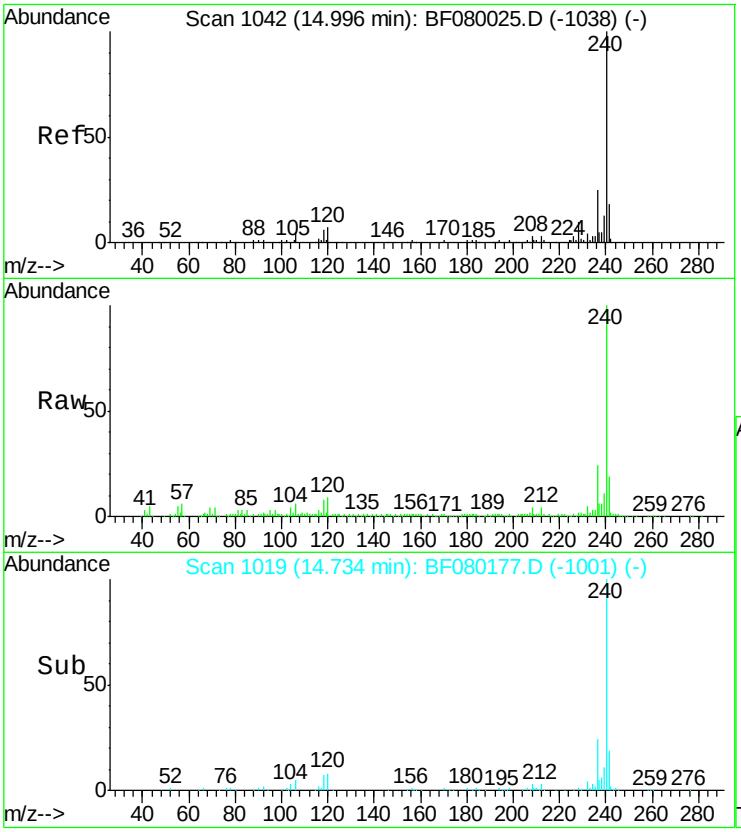




#74
Fluoranthene
Concen: 11.58 ng
RT: 13.37 min Scan# 900
Delta R.T. 0.23 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:202 Resp: 78220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.1 | 0.0 | 38.3 |
| 203 | 23.9 | 0.0 | 37.3 |



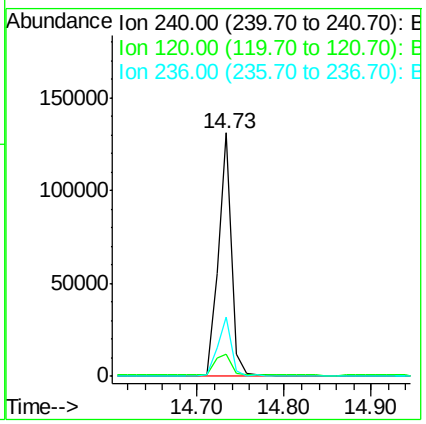


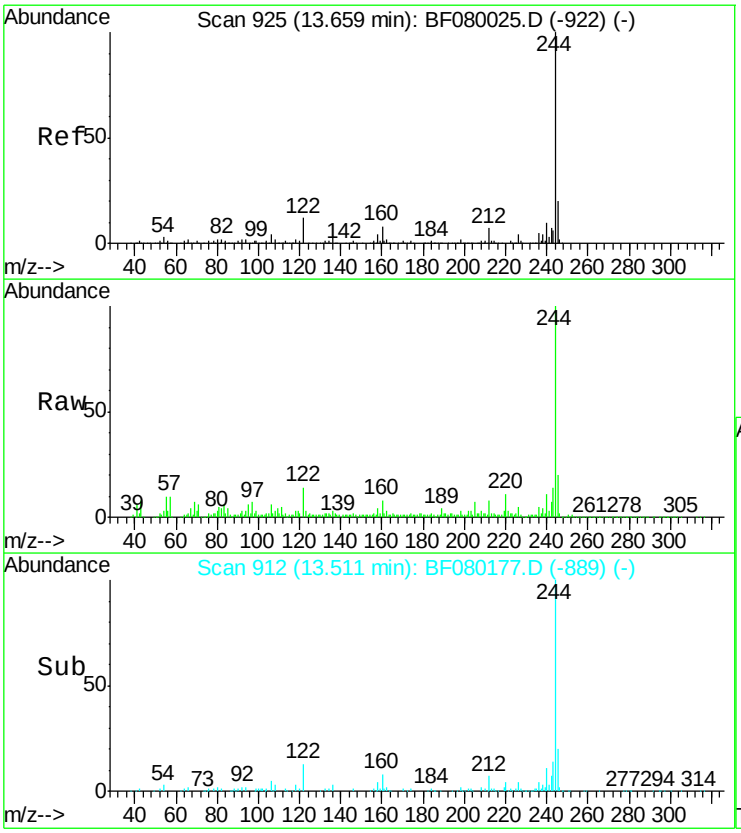

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.09 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:240 Resp: 140504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 16.2 | 24.2# |
| 236 | 24.4 | 18.4 | 27.6 |

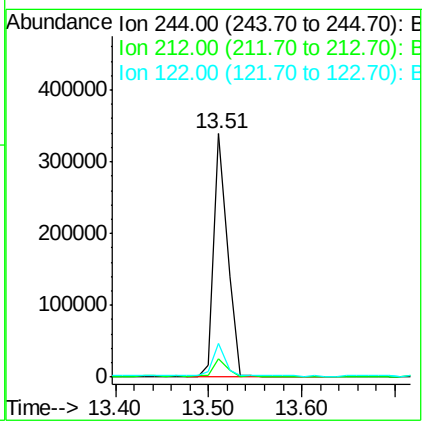


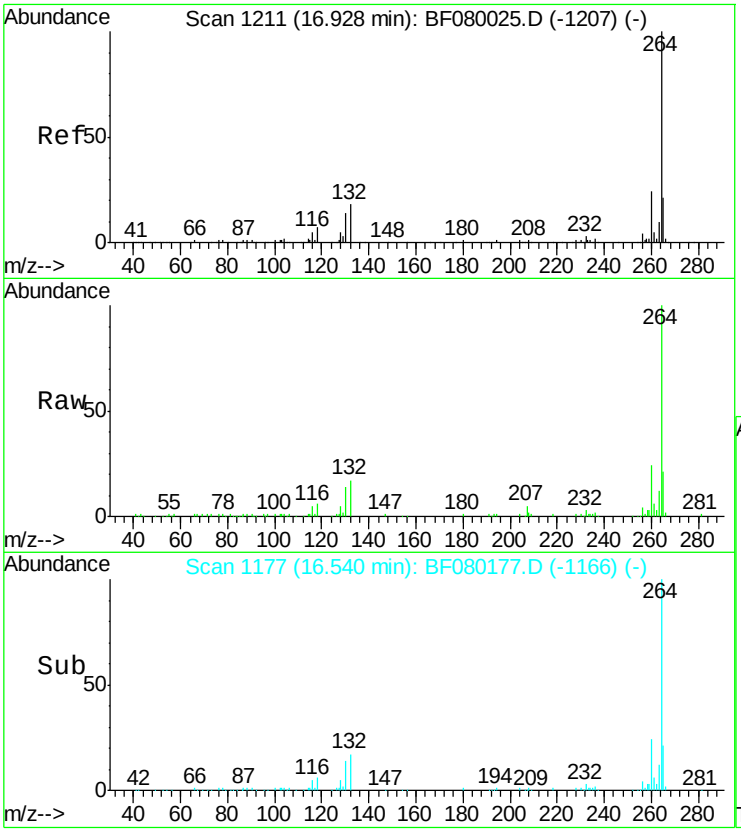




#78
Terphenyl-d14
Concen: 57.77 ng
RT: 13.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion:244 Resp: 347566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 4.3 | 6.5# |
| 122 | 13.7 | 17.4 | 26.2# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 16.54 min Scan# 1177
Delta R.T. -0.17 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

**Instrument :**
BNA_F
**ClientSampleId :**
GP2(7.5)

Tgt Ion:264 Resp: 136525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 16.7 | 25.1 |
| 265 | 21.3 | 17.2 | 25.8 |