Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097974.D
Acq On : 23 Aug 2017 00:52
Operator : SJ/JU
Sample : I4910-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-5-6

Quant Time: Aug 23 02:06:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

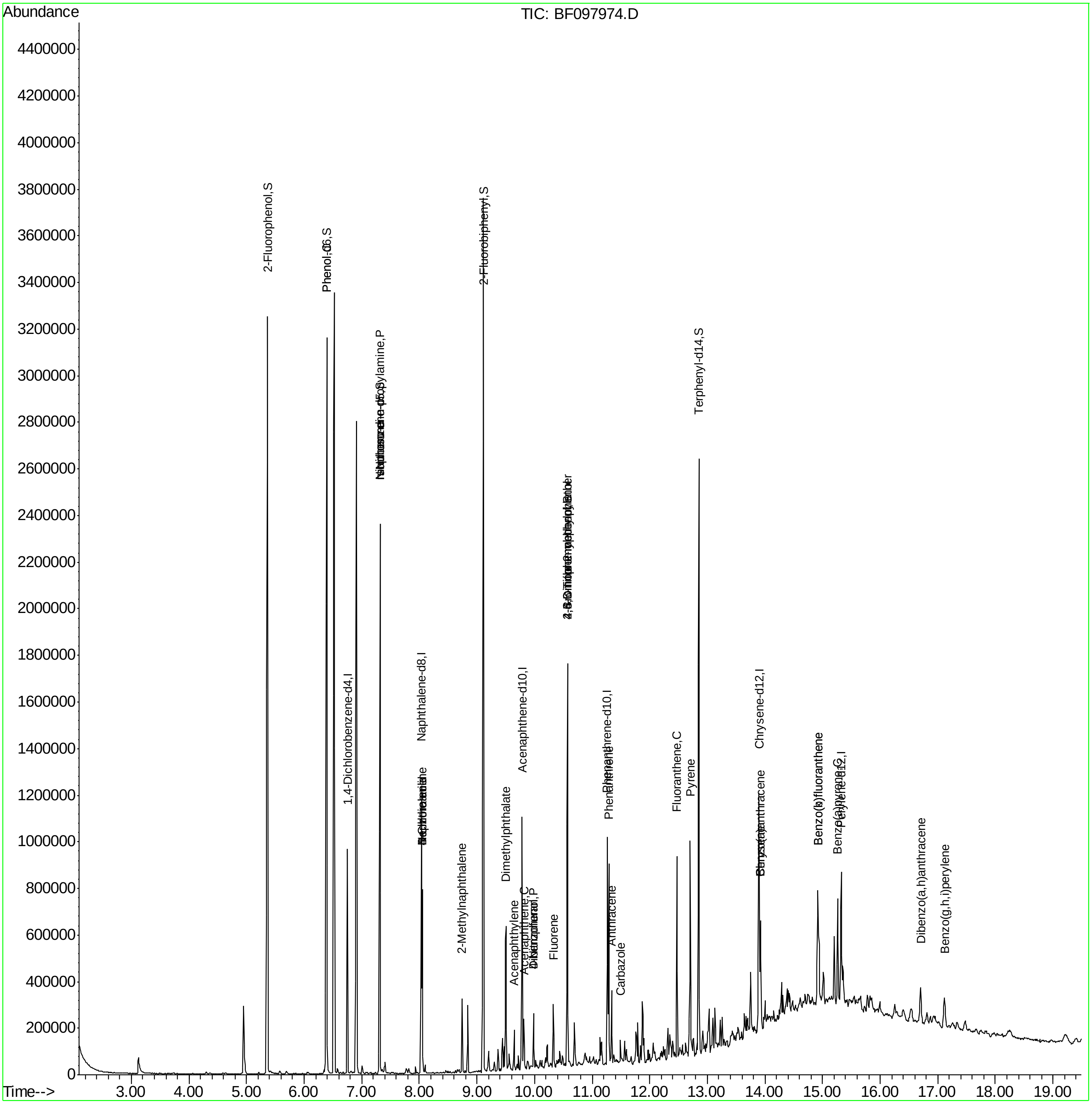
| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 134853 | 20.00 ng | | 0.00 |
| 21) Naphthalene-d8 | 8.03 | 136 | 502444 | 20.00 ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.78 | 164 | 207912 | 20.00 ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 334722 | 20.00 ng | | 0.00 |
| 75) Chrysene-d12 | 13.90 | 240 | 277217 | 20.00 ng | | 0.00 |
| 86) Perylene-d12 | 15.32 | 264 | 253260 | 20.00 ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.36 | 112 | 1015054 | 114.49 ng | | 0.01 |
| 7) Phenol-d6 | 6.39 | 99 | 1359159 | 112.83 ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 861959 | 93.20 ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 187660 | 104.03 ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.11 | 172 | 1165351 | 82.35 ng | | 0.00 |
| 78) Terphenyl-d14 | 12.85 | 244 | 767196 | 57.71 ng | | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.40 | 94 | 34418 | 2.44 ng | | 85 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 117531 | 14.25 ng | # | 72 |
| 25) Isophorone | 7.32 | 82 | 846914 | 44.04 ng | # | 67 |
| 31) Naphthalene | 8.05 | 128 | 293762 | 11.26 ng | | 99 |
| 32) Benzoic acid | 8.05 | 122 | 770 | 6.52 ng | # | 1 |
| 33) 4-Chloroaniline | 8.05 | 127 | 38117 | 3.46 ng | # | 32 |
| 37) 2-Methylnaphthalene | 8.74 | 142 | 80465 | 5.03 ng | | 96 |
| 48) Acenaphthylene | 9.65 | 152 | 61411 | 2.79 ng | | 98 |
| 49) Dimethylphthalate | 9.50 | 163 | 215290 | 14.17 ng | | 98 |
| 51) Acenaphthene | 9.82 | 154 | 39515 | 2.85 ng | | 95 |
| 54) Dibenzofuran | 9.99 | 168 | 62803 | 3.38 ng | | 98 |
| 55) 4-Nitrophenol | 9.99 | 139 | 24736 | 7.92 ng | # | 29 |
| 57) Fluorene | 10.33 | 166 | 66104 | 4.60 ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.57 | 198 | 465 | 8.56 ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.57 | 248 | 12674 | 3.65 ng | # | 1 |
| 70) Phenanthrene | 11.29 | 178 | 275132 | 15.43 ng | | 98 |
| 71) Anthracene | 11.34 | 178 | 101879 | 5.63 ng | | 98 |
| 72) Carbazole | 11.49 | 167 | 35073 | 2.04 ng | | 98 |
| 74) Fluoranthene | 12.47 | 202 | 316925 | 17.02 ng | | 99 |
| 77) Pyrene | 12.70 | 202 | 370969 | 16.36 ng | | 97 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 176338 | 10.61 ng | | 96 |
| 82) Chrysene | 13.92 | 228 | 176338 | 10.67 ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.92 | 252 | 341975 | 21.42 ng | | 98 |
| 88) Benzo(k)fluoranthene | 14.92 | 252 | 341975 | 22.80 ng | | 96 |
| 89) Benzo(a)pyrene | 15.26 | 252 | 206639 | 14.62 ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.71 | 278 | 27207 | 2.36 ng | # | 88 |
| 91) Benzo(g,h,i)perylene | 17.12 | 276 | 102813 | 8.56 ng | # | 92 |

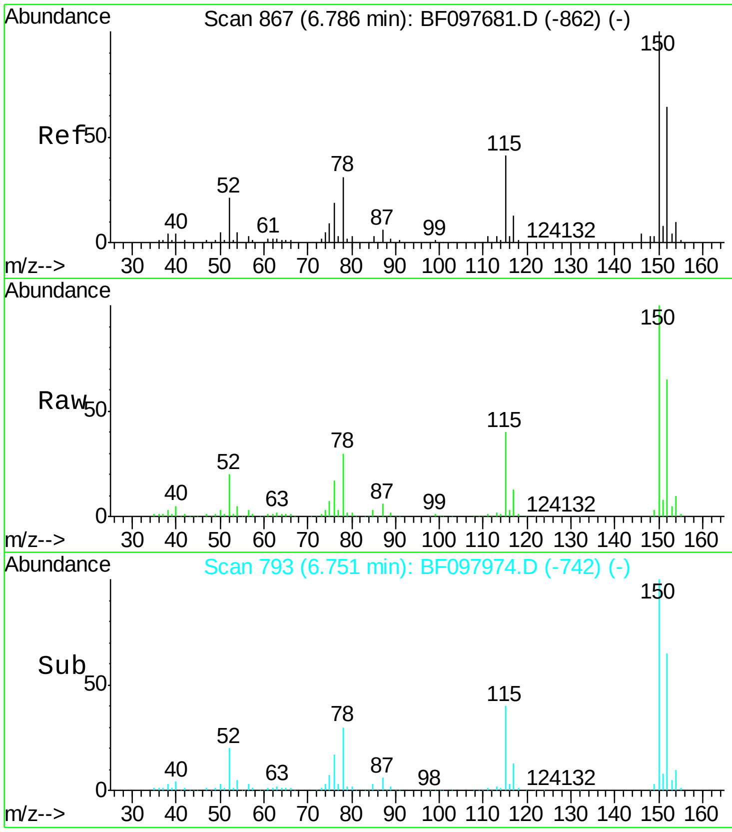
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097974.D
Acq On : 23 Aug 2017 00:52
Operator : SJ/JU
Sample : I4910-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-5-6

Quant Time: Aug 23 02:06:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



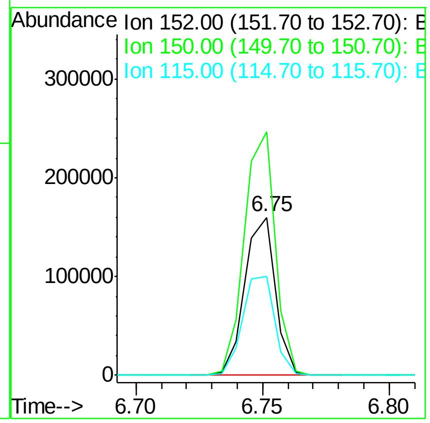


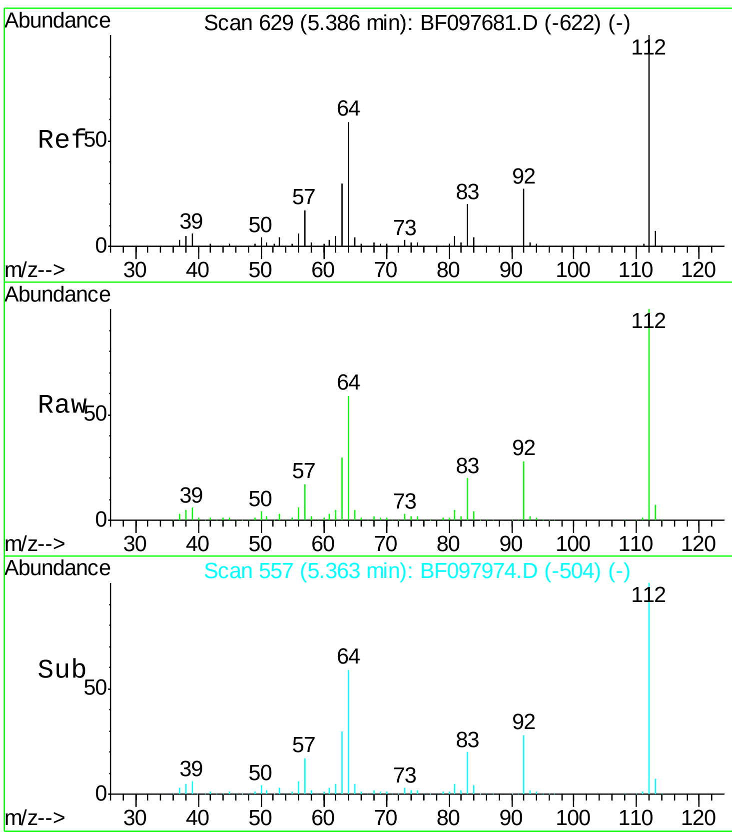

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:152 Resp: 134853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.1 | 126.2 | 189.2 |
| 115 | 62.3 | 52.2 | 78.2 |

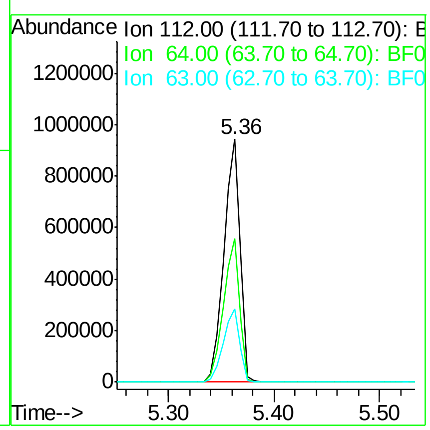


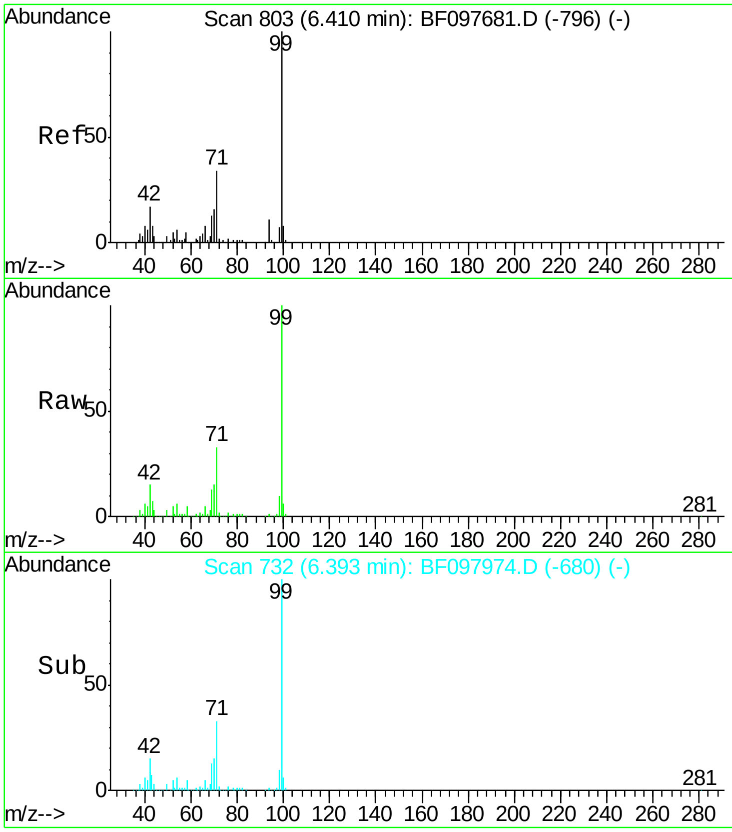




#5
2-Fluorophenol
Concen: 114.49 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:112 Resp: 1015054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 46.0 | 69.0 |
| 63 | 30.1 | 23.4 | 35.0 |



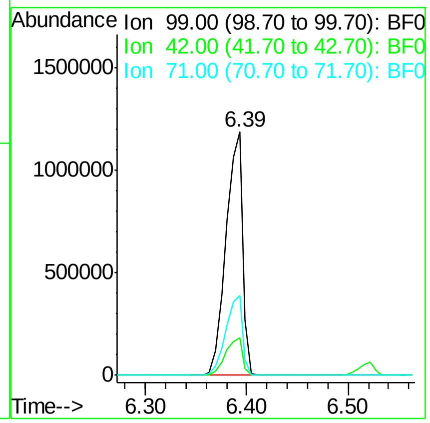


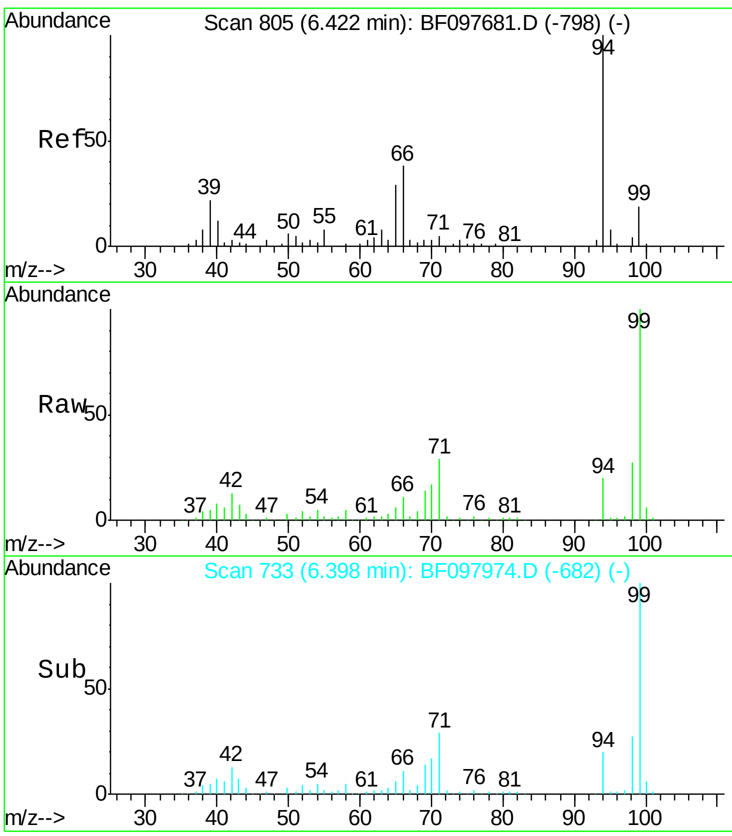

#7
Phenol-d6
Concen: 112.83 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion: 99 Resp: 1359159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.2 | 13.5 | 20.3 |
| 71 | 32.6 | 24.5 | 36.7 |

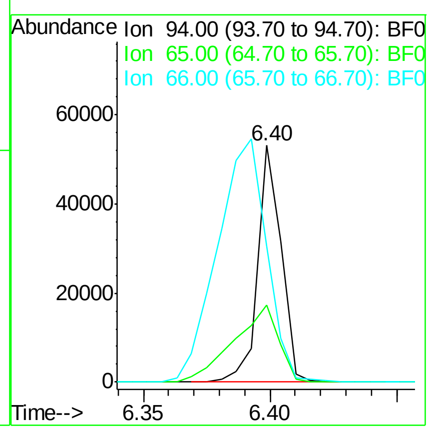



#10
Phenol
Concen: 2.44 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion: 94 Resp: 34418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.4 | 9.9 | 49.9 |
| 66 | 57.7 | 23.1 | 63.1 |

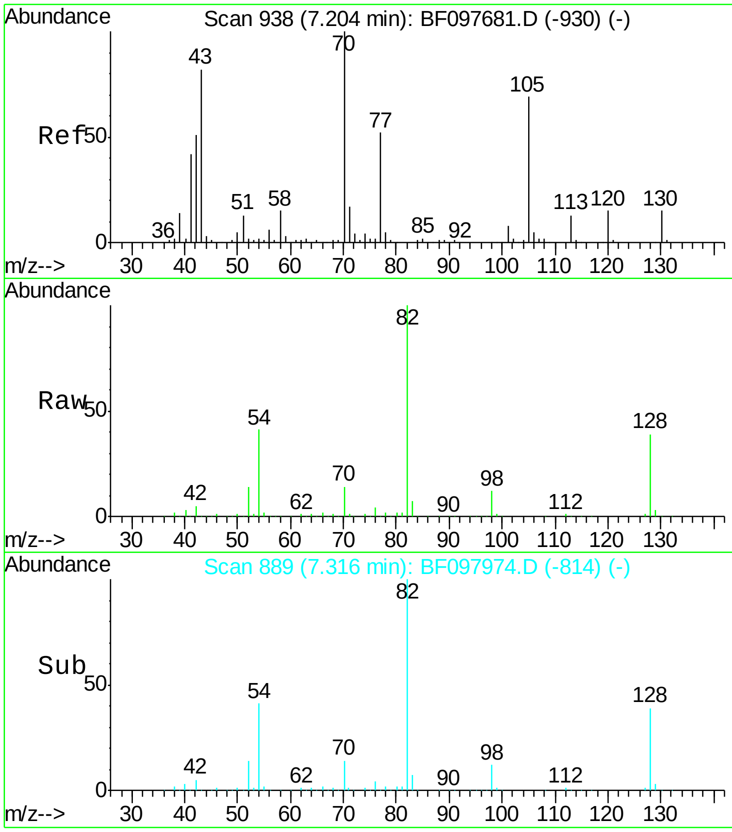


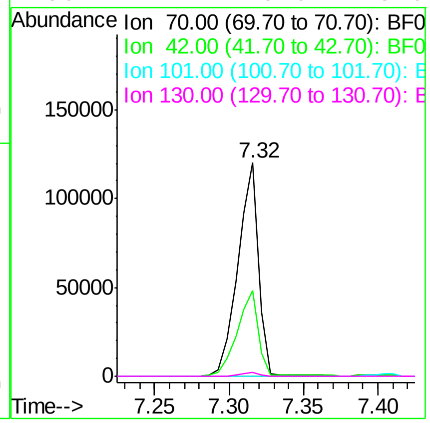
#19
n-Nitroso-di-n-propylamine
Concen: 14.25 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :** BNA_F
**ClientSampleId :** SP-5-6

Tgt Ion: 70 Resp: 117531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 40.2 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 1.7 | 15.9 | 23.9# |

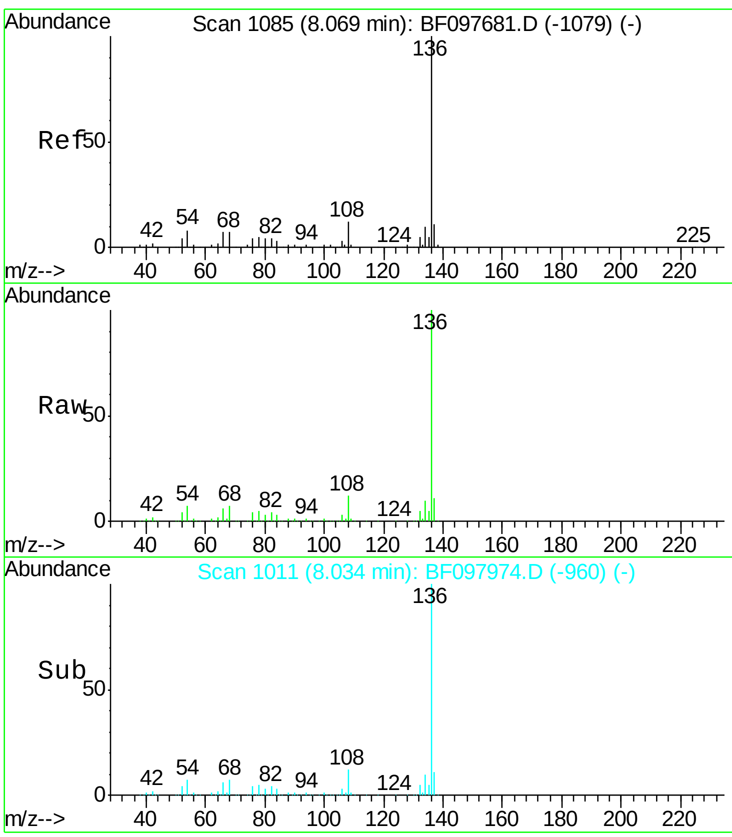


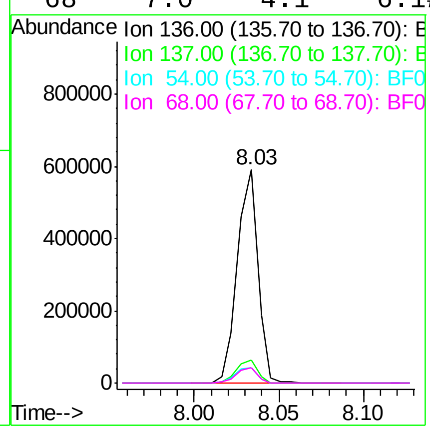



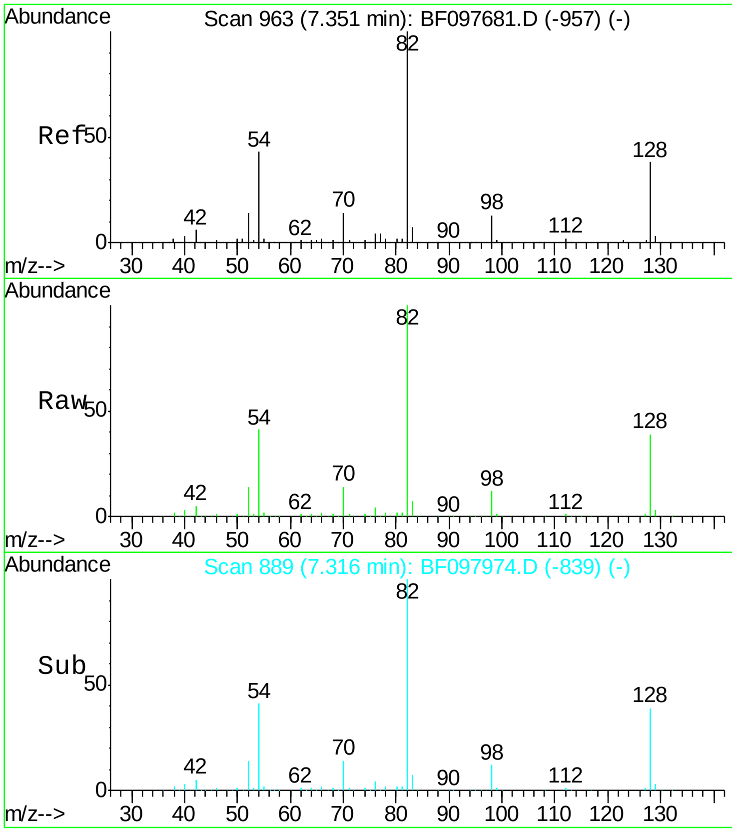

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:136 Resp: 502444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.5 | 12.7 |
| 54 | 7.1 | 4.9 | 7.3 |
| 68 | 7.0 | 4.1 | 6.1# |



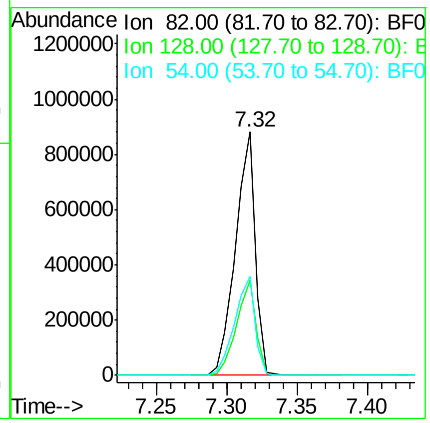


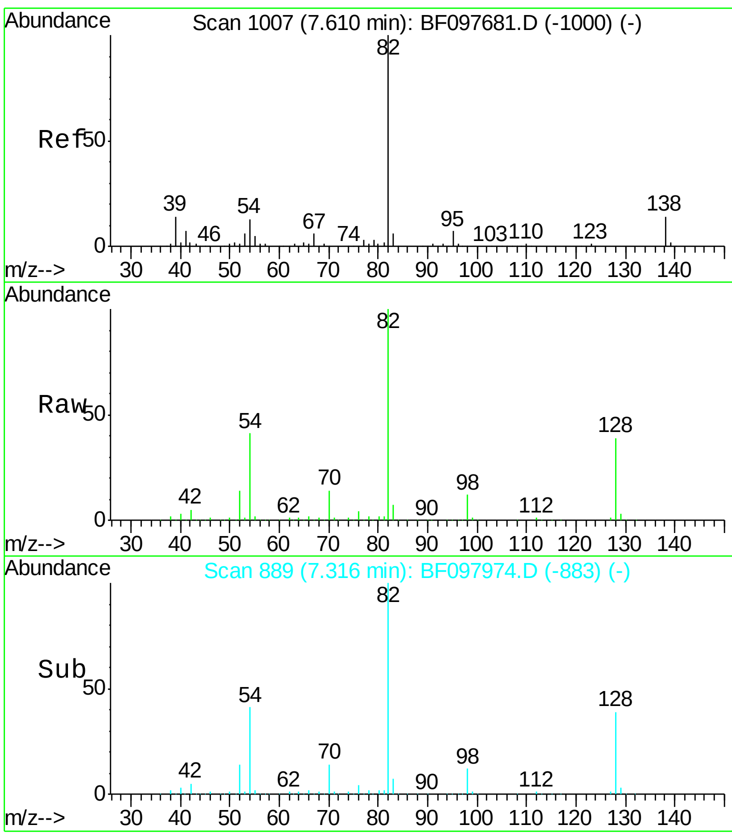

#23
Nitrobenzene-d5
Concen:   93.20 ng
RT: 7.32 min   Scan# 889
Delta R.T.    -0.01 min
Lab File:    BF097974.D
Acq: 23 Aug 2017   00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion: 82 Resp:   861959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.3 | 34.0 | 51.0 |
| 54 | 40.8 | 42.2 | 63.2# |

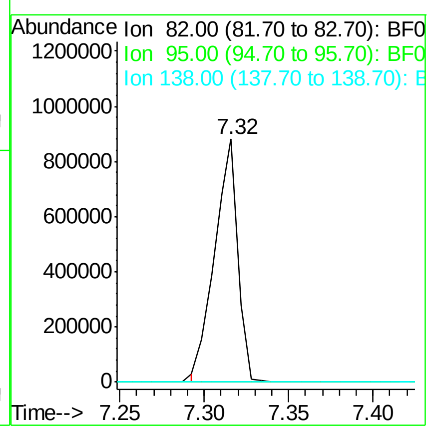


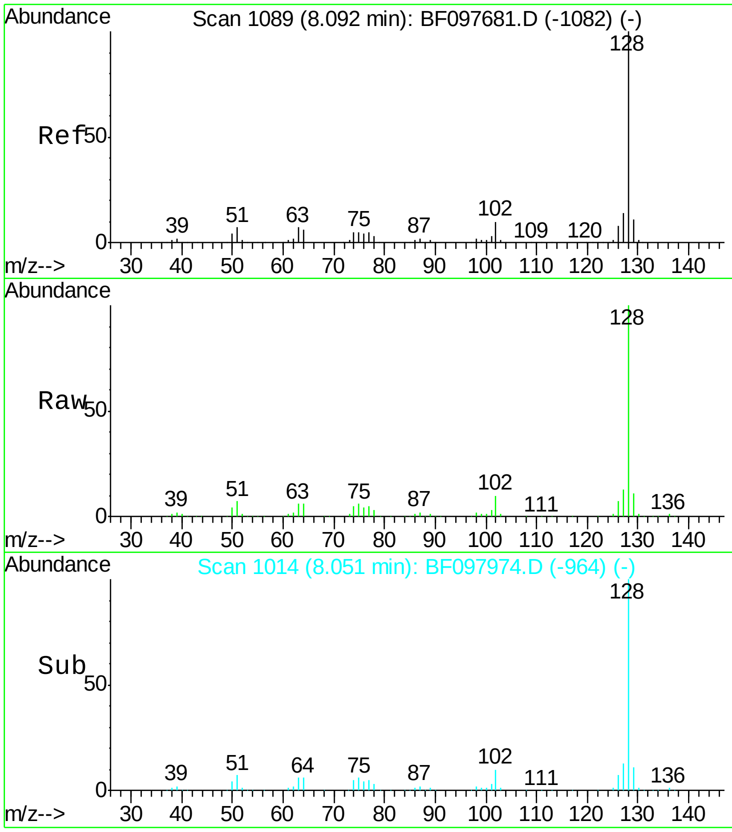




#25
Isophorone
Concen:   44.04 ng
RT: 7.32 min   Scan# 889
Delta R.T.    -0.26 min
Lab File:    BF097974.D
Acq: 23 Aug 2017   00:52

Tgt Ion: 82 Resp:   846914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.1 | 5.3 | 7.9# |
| 138 | 0.0 | 13.1 | 19.7# |



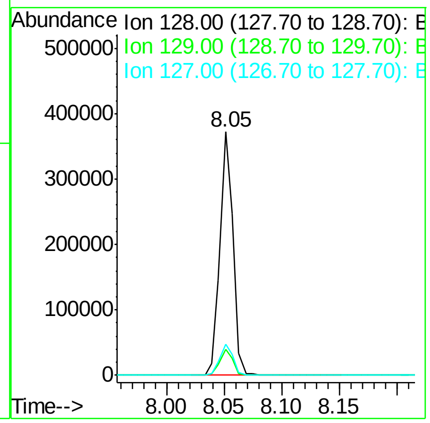


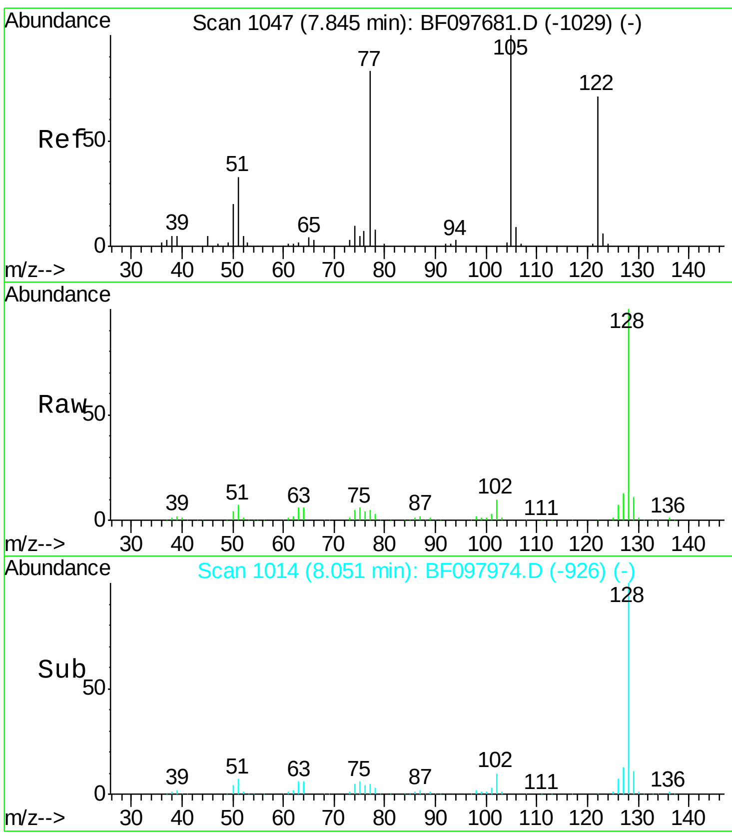

#31
Naphthalene
Concen: 11.26 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:128 Resp: 293762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 12.9 | 10.8 | 16.2 |

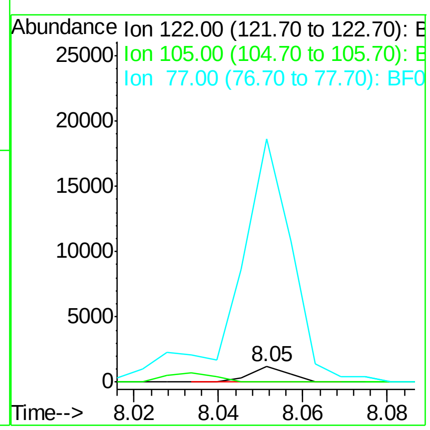


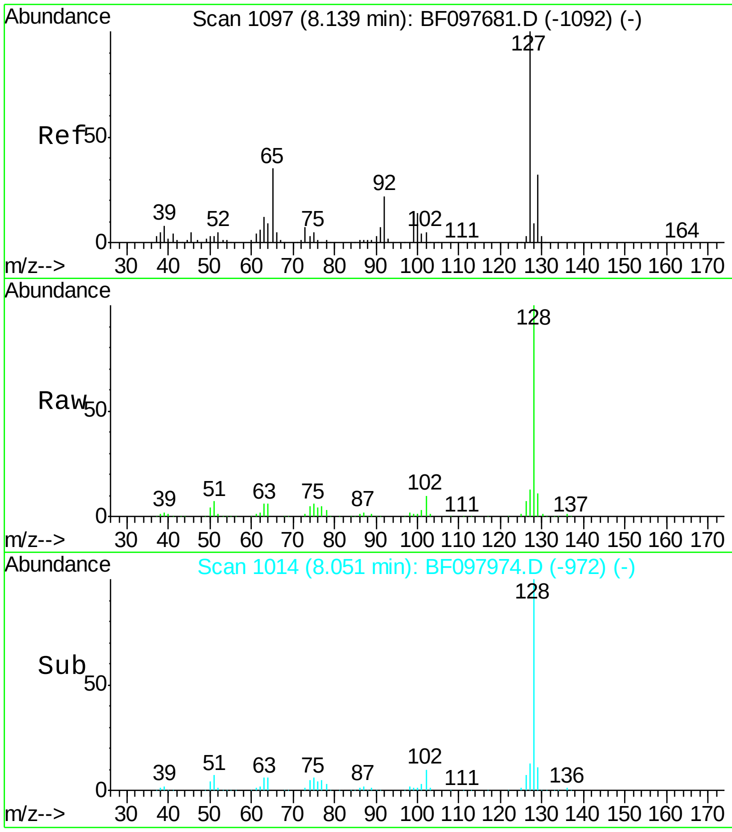




#32
Benzoic acid
Concen: 6.52 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.22 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:122 Resp: 770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 103.3 | 143.3# |
| 77 | 1590.4 | 73.7 | 113.7# |



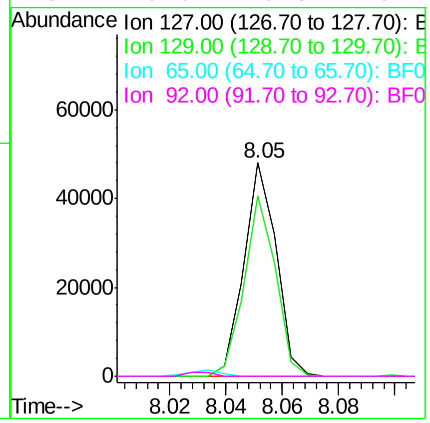


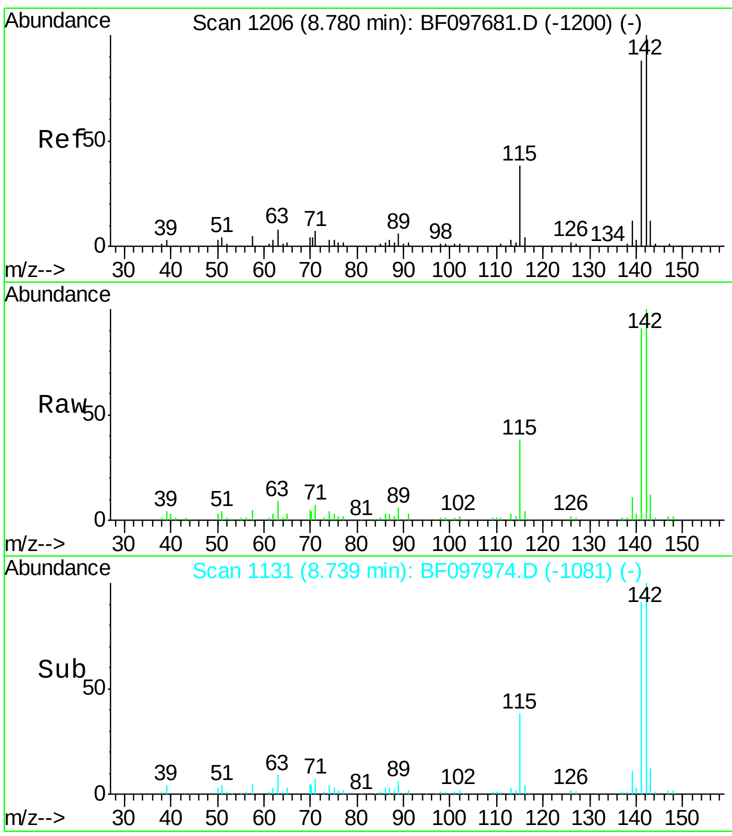

#33
4-Chloroaniline
Concen: 3.46 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:127 Resp: 38117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 84.3 | 26.2 | 39.2# |
| 65 | 0.0 | 27.8 | 41.8# |
| 92 | 0.0 | 16.8 | 25.2# |

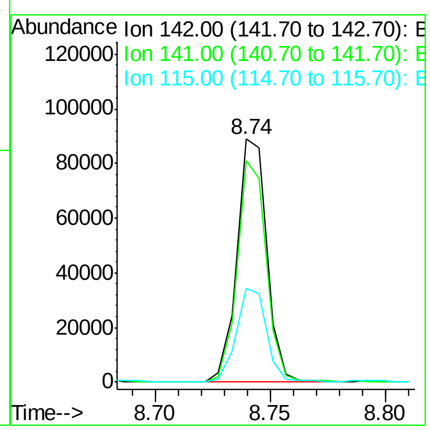


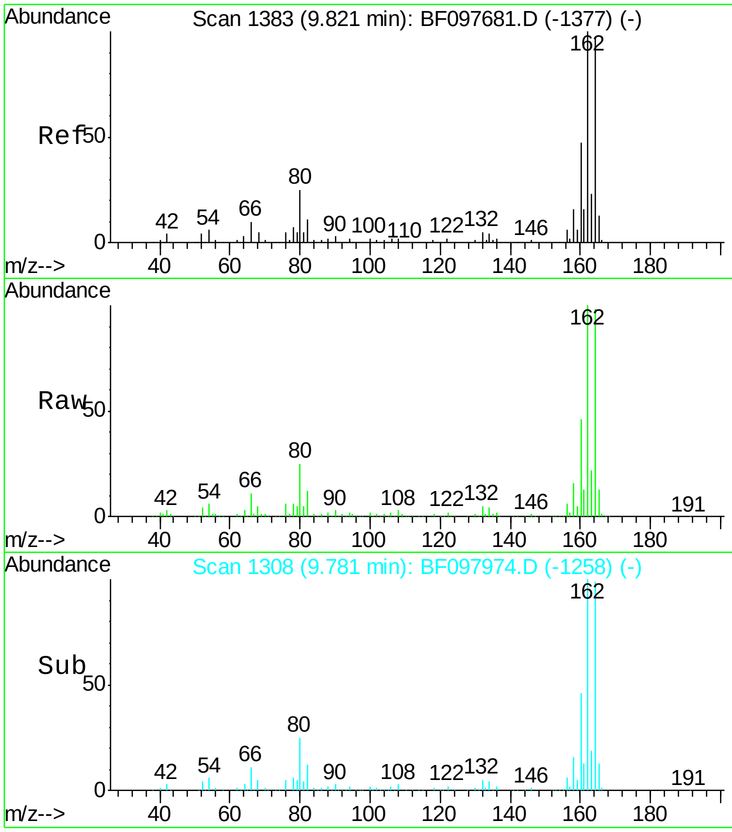



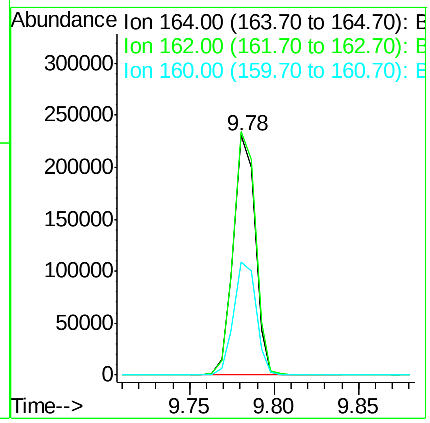

#37
2-Methylnaphthalene
Concen: 5.03 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:142 Resp: 80465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 71.3 | 106.9 |
| 115 | 38.4 | 27.1 | 40.7 |





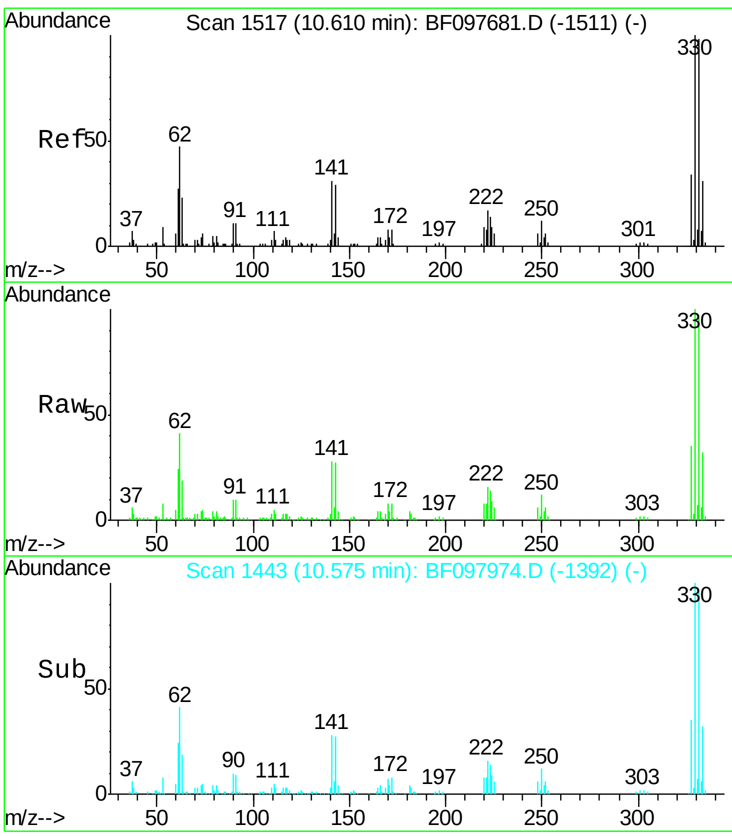



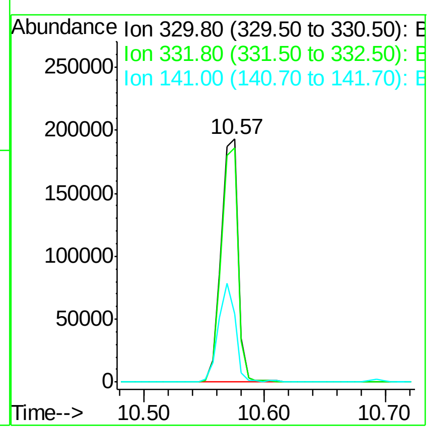

#38
Acenaphthene-d10
Concen:   20.00 ng
RT: 9.78 min   Scan# 1308
Delta R.T.   -0.01 min
Lab File:   BF097974.D
Acq: 23 Aug 2017   00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:164 Resp: 207912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 82.6 | 123.8 |
| 160 | 47.1 | 36.2 | 54.2 |



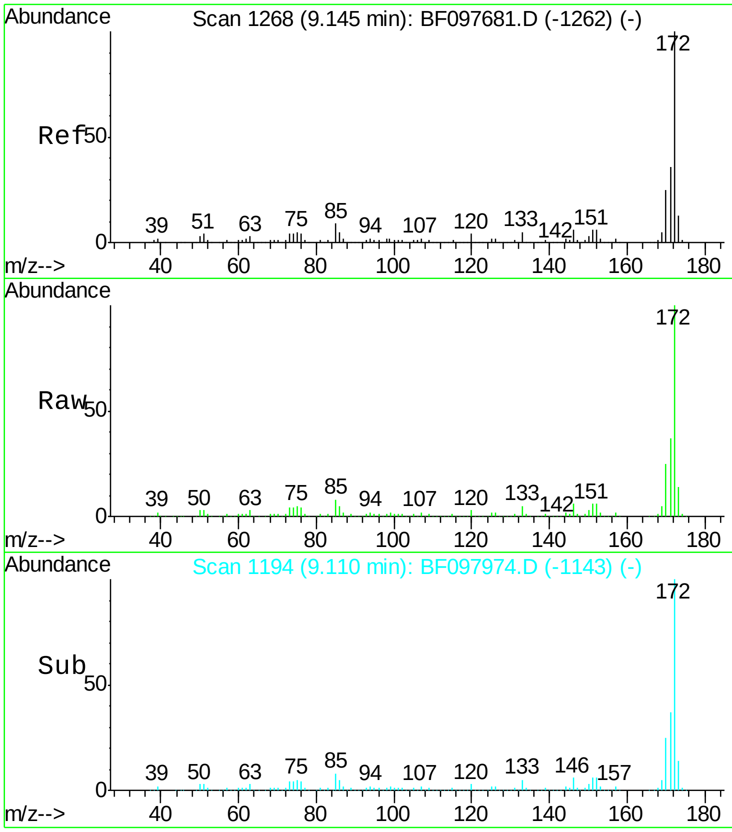




#41
2,4,6-Tribromophenol
Concen:   104.03 ng
RT: 10.57 min   Scan# 1443
Delta R.T.   0.00 min
Lab File:   BF097974.D
Acq: 23 Aug 2017   00:52

Tgt Ion:330 Resp: 187660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.6 | 115.0 |
| 141 | 40.7 | 31.4 | 47.2 |

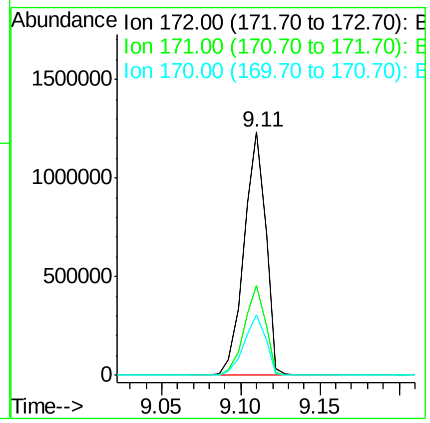
**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

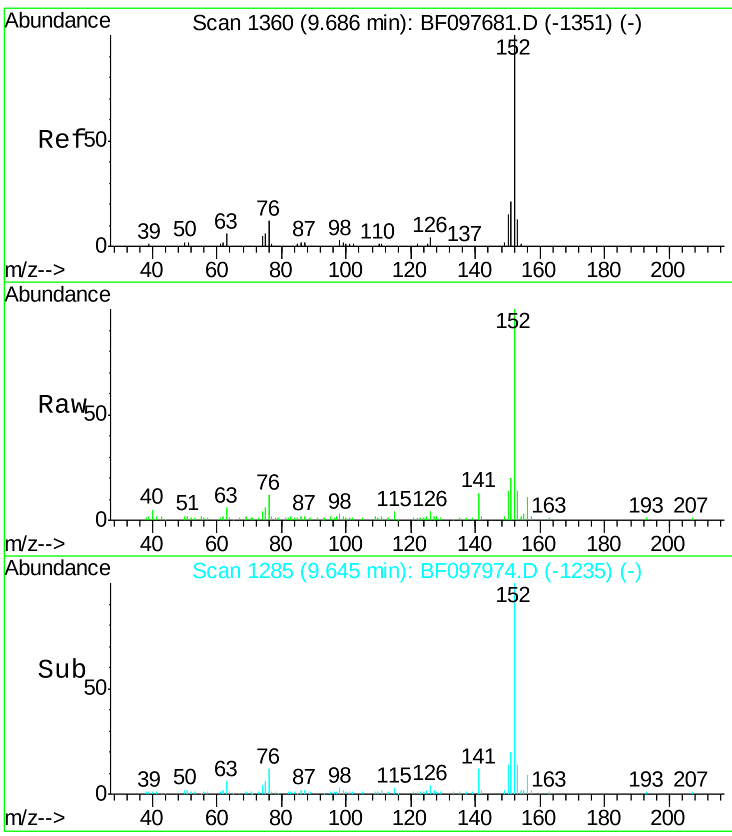



#44
2-Fluorobiphenyl
Concen:   82.35 ng
RT: 9.11 min   Scan# 1194
Delta R.T.   0.00 min
Lab File:   BF097974.D
Acq: 23 Aug 2017   00:52

Tgt Ion:172 Resp: 1165351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.6 | 44.4 |
| 170 | 24.6 | 19.8 | 29.8 |

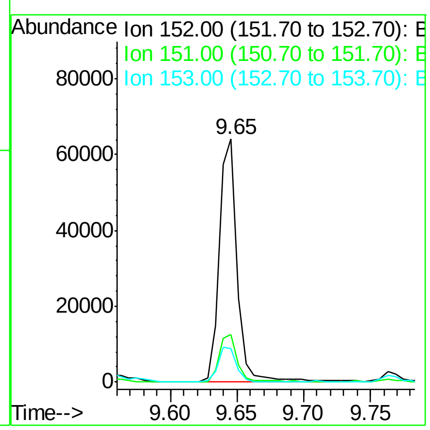


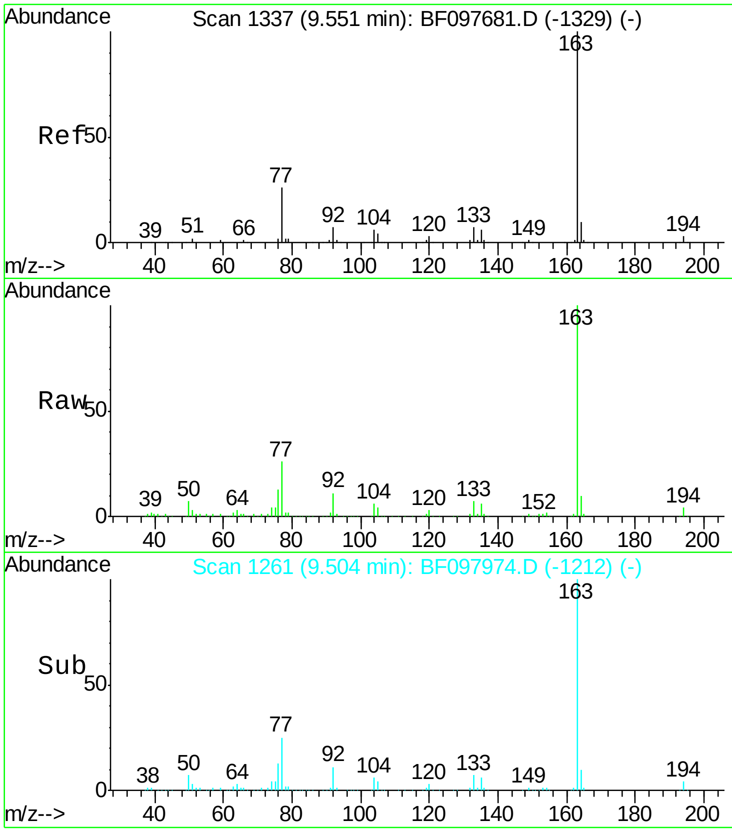




#48
Acenaphthylene
Concen:   2.79 ng
RT: 9.65 min   Scan# 1285
Delta R.T.   -0.01 min
Lab File:   BF097974.D
Acq: 23 Aug 2017   00:52

Tgt Ion:152 Resp:   61411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 16.8 | 25.2 |
| 153 | 13.6 | 10.8 | 16.2 |



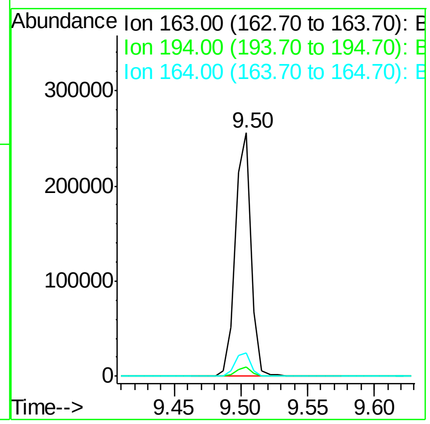


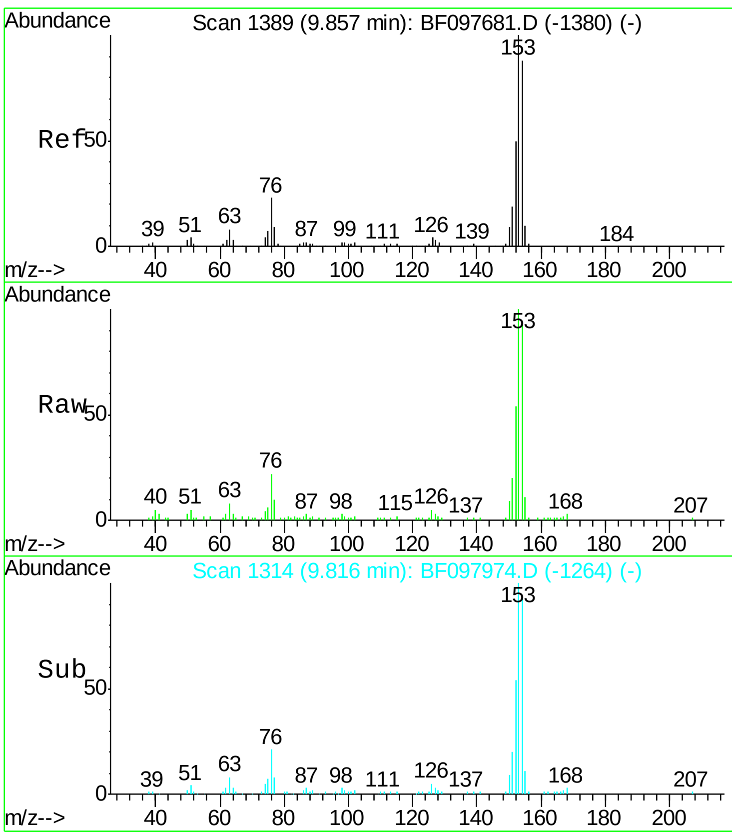

#49
Dimethylphthalate
Concen:   14.17 ng
RT: 9.50 min   Scan# 1261
Delta R.T.   -0.01 min
Lab File:   BF097974.D
Acq: 23 Aug 2017   00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:163 Resp:   215290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.6 | 4.0 |
| 164 | 9.7 | 8.4 | 12.6 |

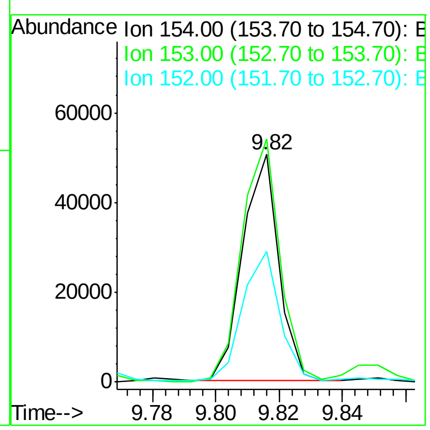


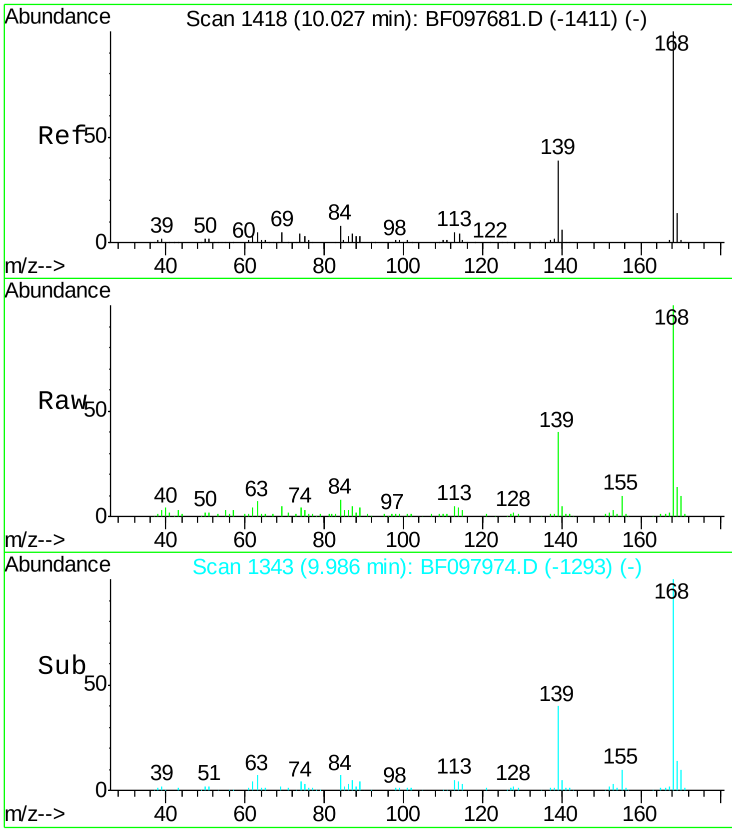




#51
Acenaphthene
Concen:   2.85 ng
RT: 9.82 min   Scan# 1314
Delta R.T.   -0.01 min
Lab File:   BF097974.D
Acq: 23 Aug 2017   00:52

Tgt Ion:154 Resp:   39515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.8 | 90.5 | 135.7 |
| 152 | 57.6 | 43.6 | 65.4 |



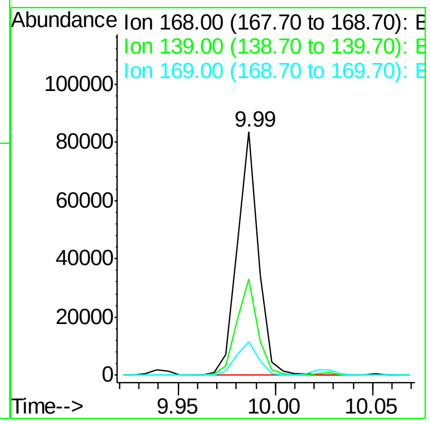


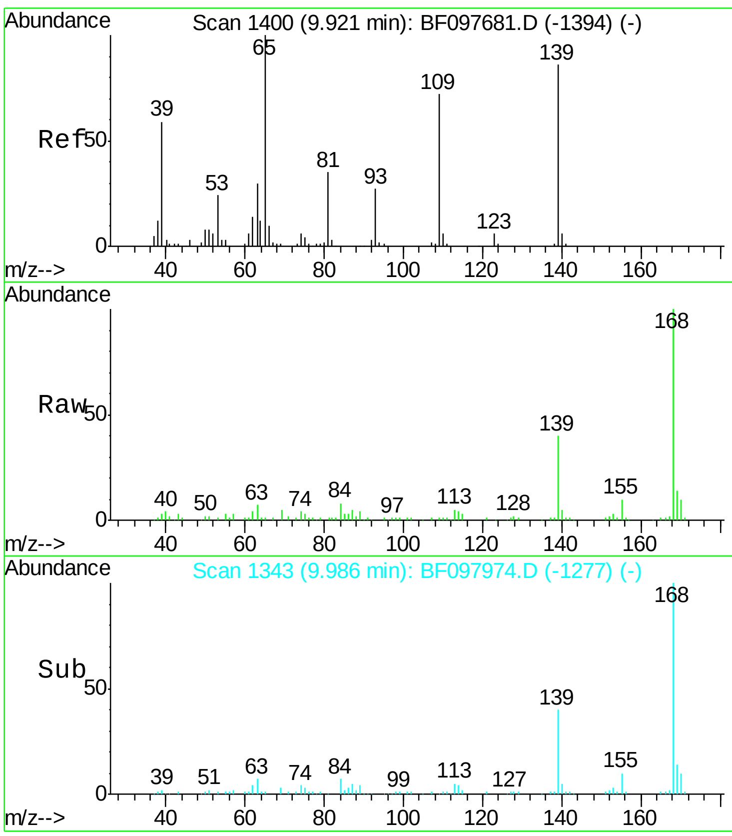

#54
Dibenzofuran
Concen: 3.38 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :** BNA_F
**ClientSampleId :** SP-5-6

Tgt Ion:168 Resp: 62803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.6 | 30.6 | 45.8 |
| 169 | 14.0 | 10.8 | 16.2 |

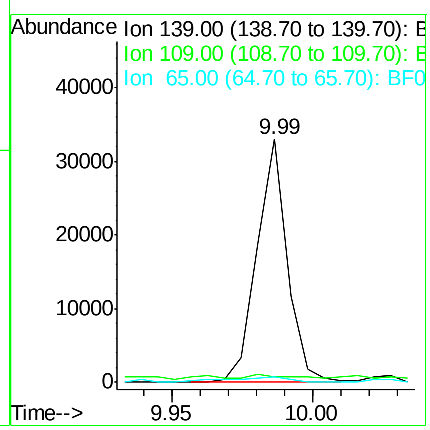


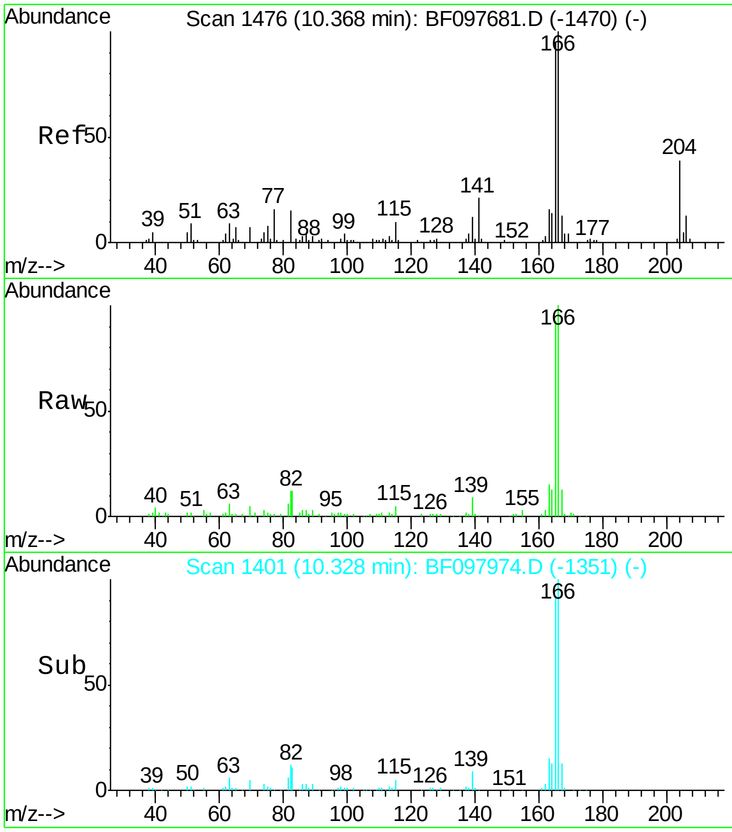




#55
4-Nitrophenol
Concen: 7.92 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.09 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:139 Resp: 24736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 2.5 | 34.1 | 74.1# |
| 65 | 2.2 | 31.4 | 71.4# |



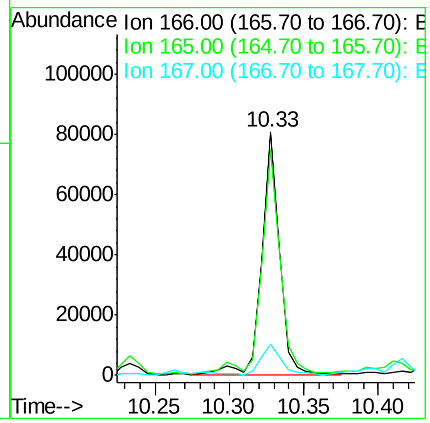


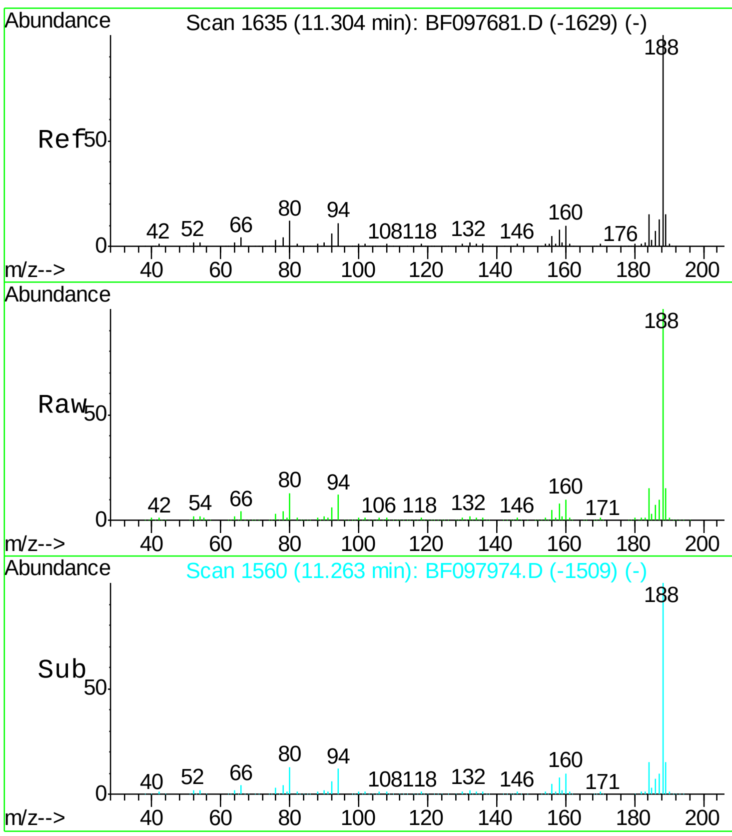

#57
Fluorene
Concen: 4.60 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:166 Resp: 66104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.8 | 78.8 | 118.2 |
| 167 | 13.0 | 10.6 | 16.0 |

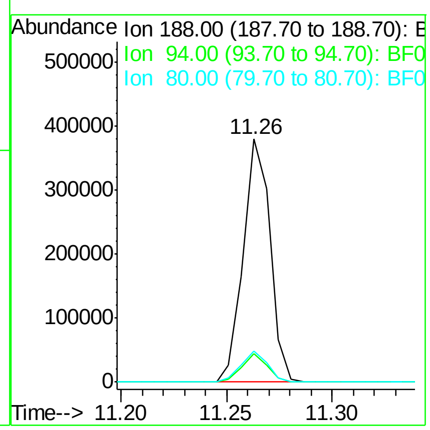


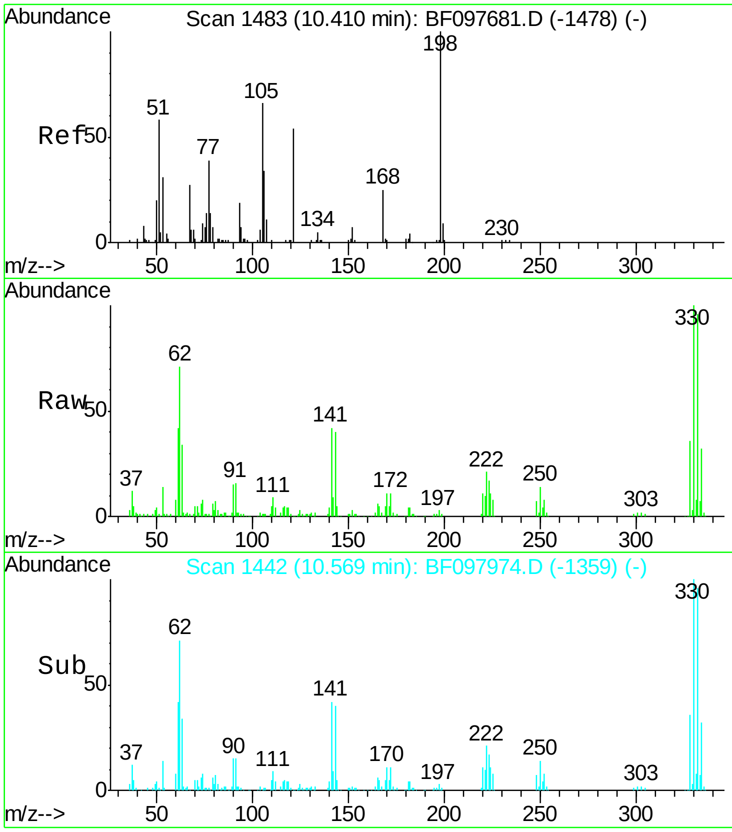




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:188 Resp: 334722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.9 | 9.4 | 14.2 |
| 80 | 13.0 | 10.2 | 15.2 |



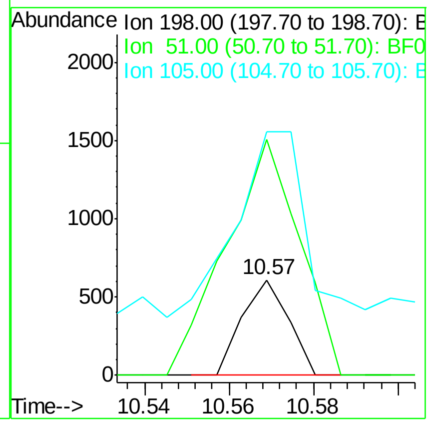


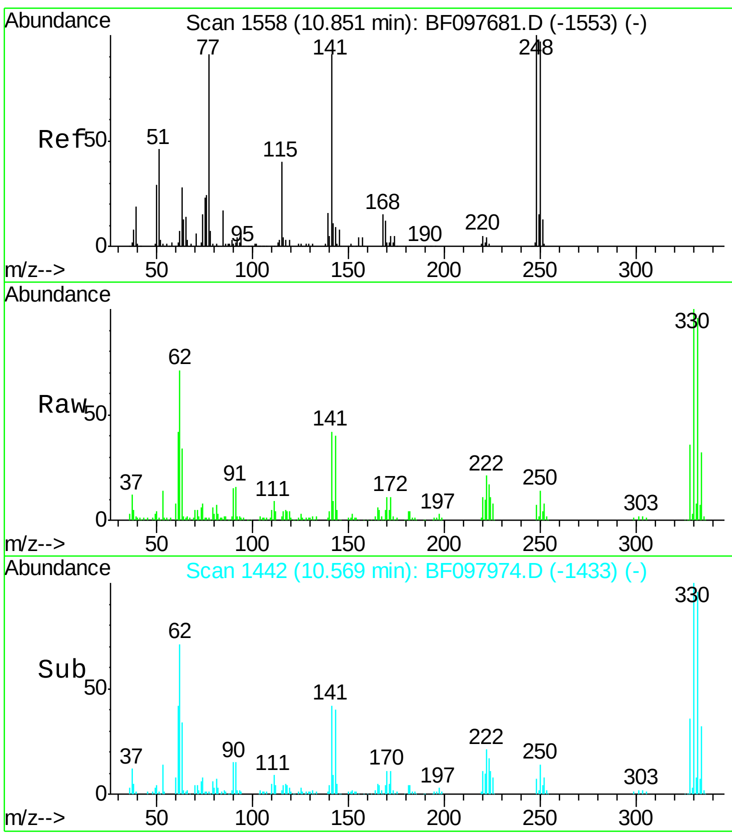

#64
4,6-Dinitro-2-methylphenol
Concen: 8.56 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :** BNA_F
**ClientSampleId :** SP-5-6

Tgt Ion:198 Resp: 465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 247.0 | 53.2 | 93.2# |
| 105 | 254.2 | 45.8 | 85.8# |

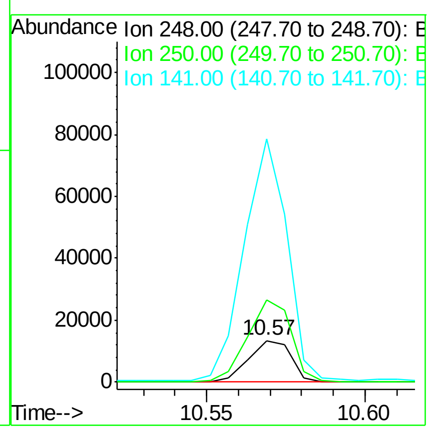


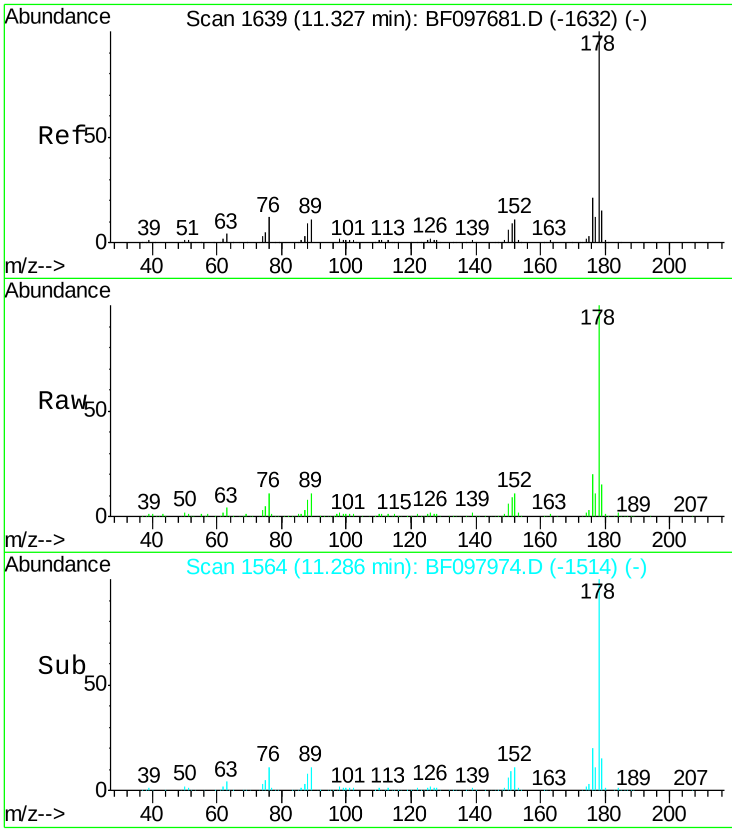




#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:248 Resp: 12674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 197.0 | 76.8 | 115.2# |
| 141 | 582.9 | 68.6 | 103.0# |

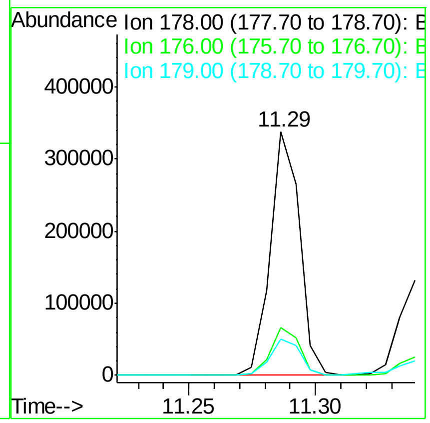


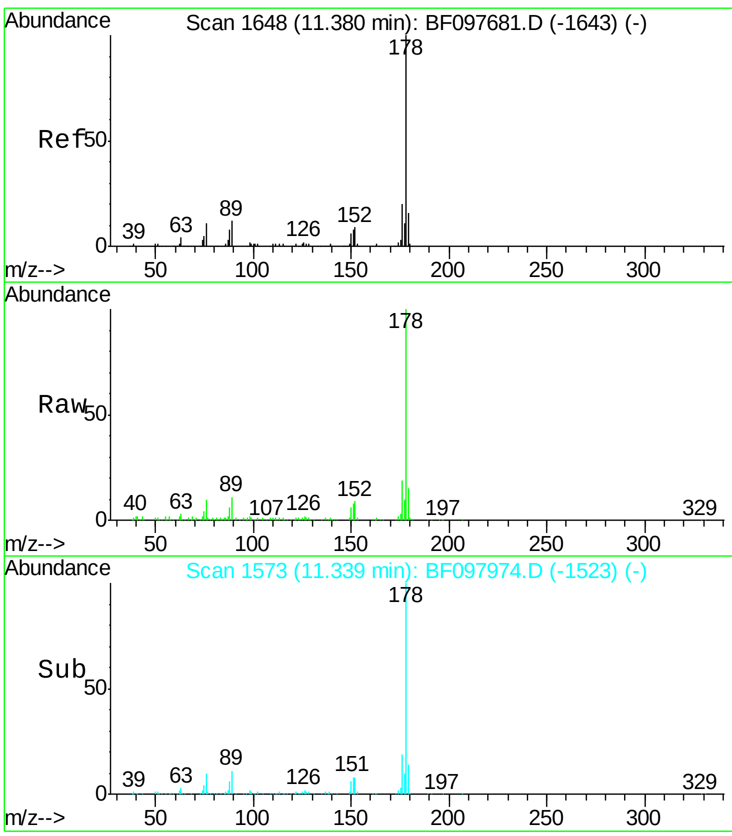



#70
Phenanthrene
Concen: 15.43 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

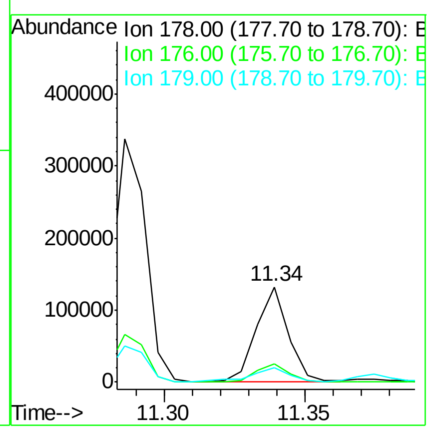
| Tgt | Ion:178 | Resp: | 275132 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 178 | 100 | | |
| 176 | 19.6 | 16.2 | 24.4 |
| 179 | 14.9 | 12.6 | 19.0 |

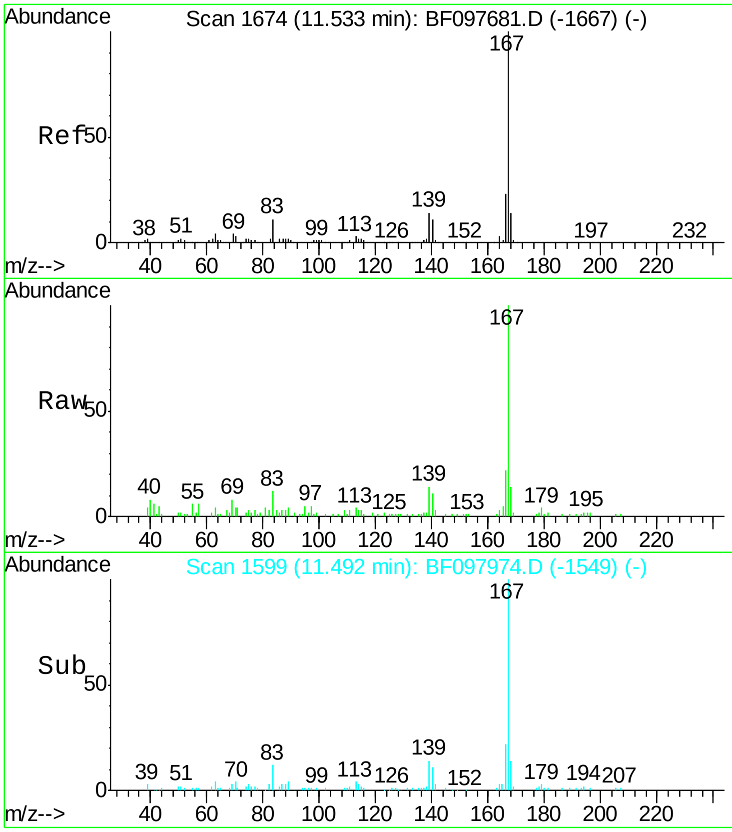



#71
Anthracene
Concen: 5.63 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

| Tgt | Ion:178 | Resp: | 101879 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 178 | 100 | | |
| 176 | 19.1 | 15.8 | 23.8 |
| 179 | 14.7 | 12.7 | 19.1 |

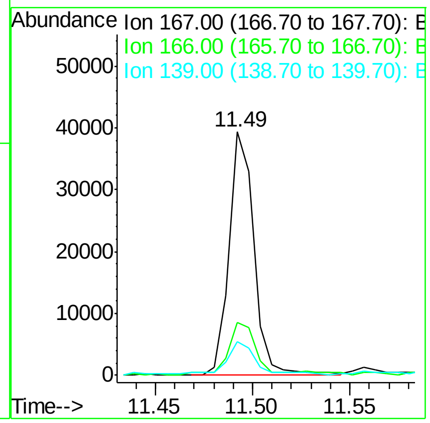


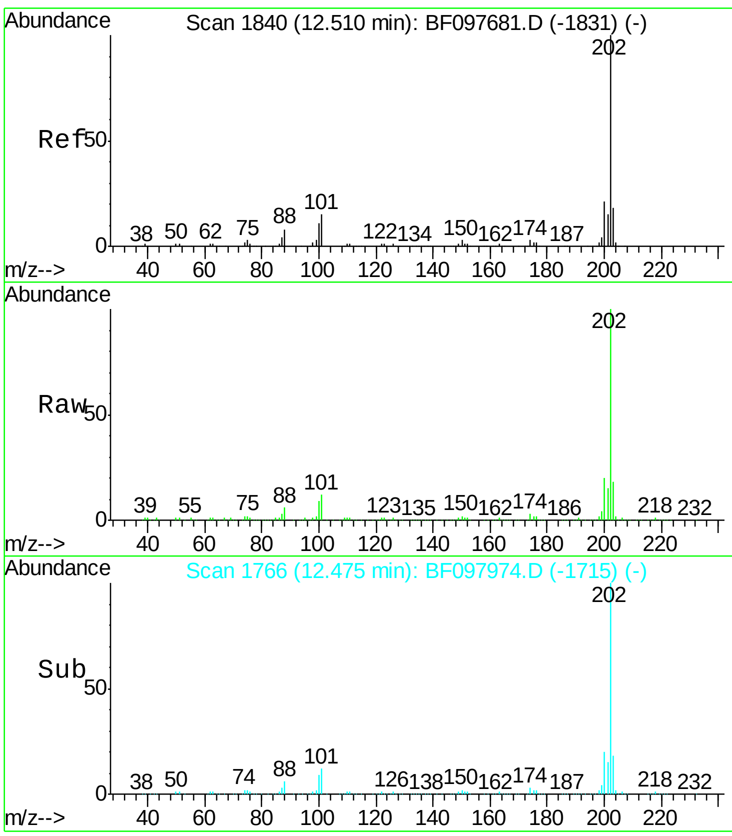



#72
Carbazole
Concen:    2.04 ng
RT: 11.49 min   Scan# 1599
Delta R.T.    -0.01 min
Lab File:    BF097974.D
Acq: 23 Aug 2017   00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

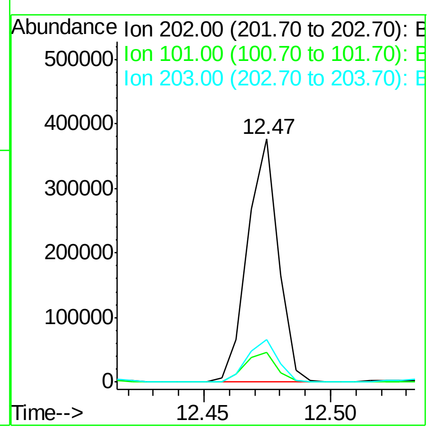
| Tgt Ion:167 | Resp: | | 35073 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 167 | 100 | | |
| 166 | 21.6 | 18.1 | 27.1 |
| 139 | 13.9 | 11.7 | 17.5 |



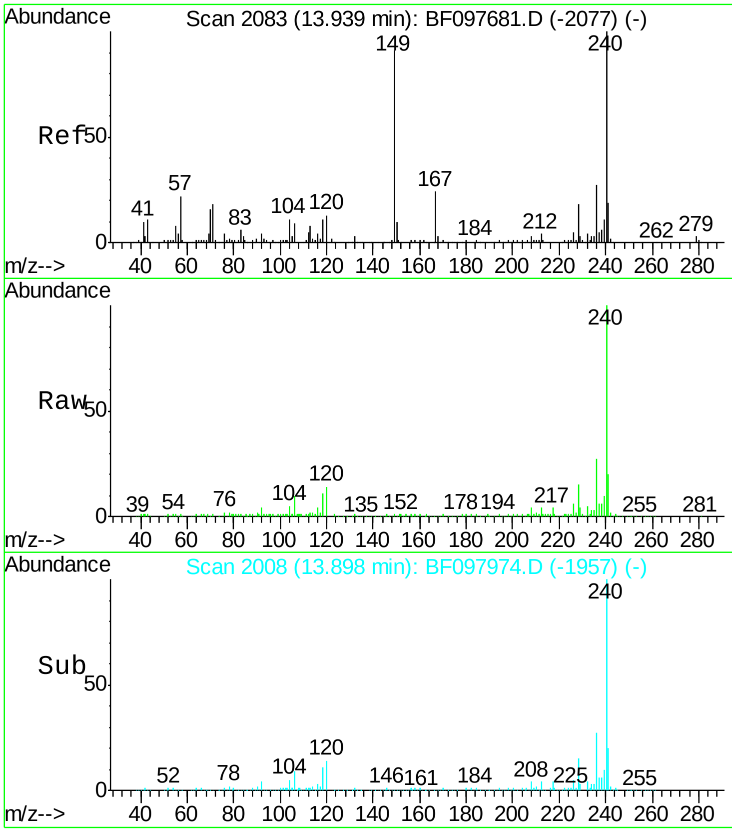




#74
Fluoranthene
Concen:   17.02 ng
RT: 12.47 min   Scan# 1766
Delta R.T.    0.00 min
Lab File:    BF097974.D
Acq: 23 Aug 2017   00:52

| Tgt Ion:202 | Resp: | | 316925 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 33.2 |
| 203 | 17.7 | 0.0 | 38.1 |



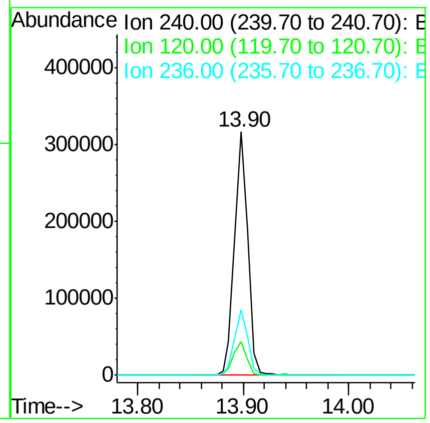
**Instrument :** BNA_F
**ClientSampleId :** SP-5-6

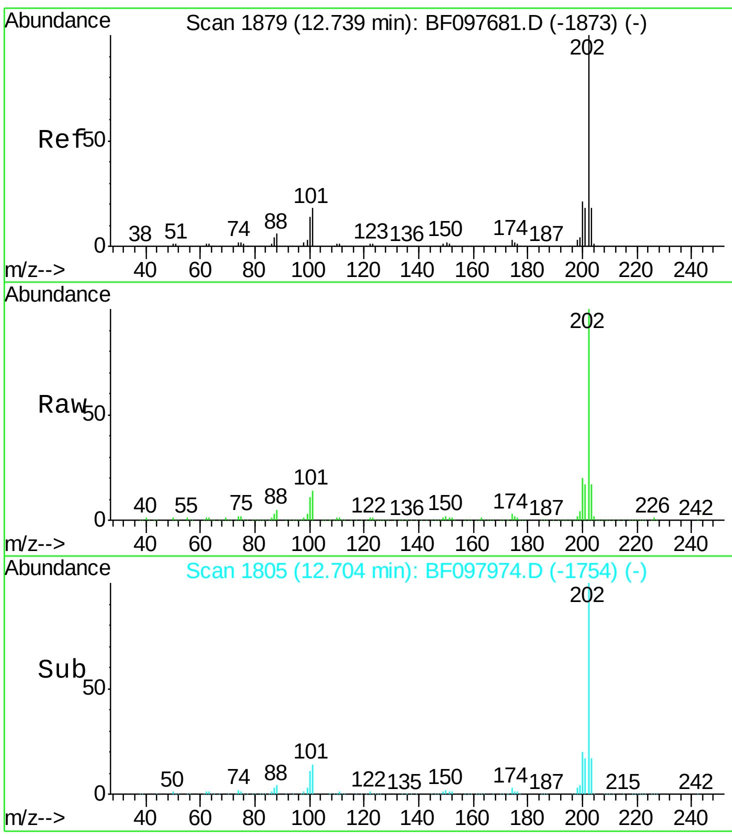



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:240 Resp: 277217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 5.8 | 8.8# |
| 236 | 27.1 | 20.5 | 30.7 |

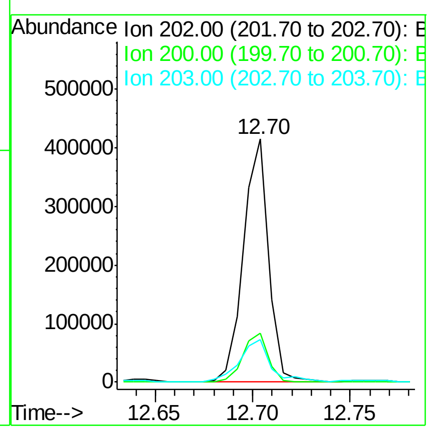


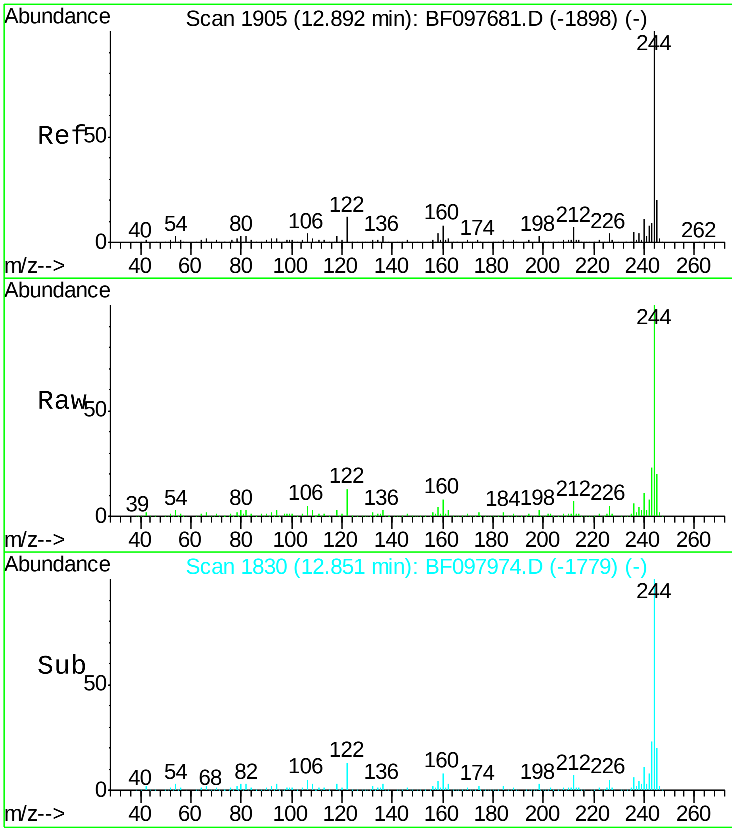




#77
Pyrene
Concen: 16.36 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:202 Resp: 370969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 17.6 | 26.4 |
| 203 | 17.3 | 14.4 | 21.6 |



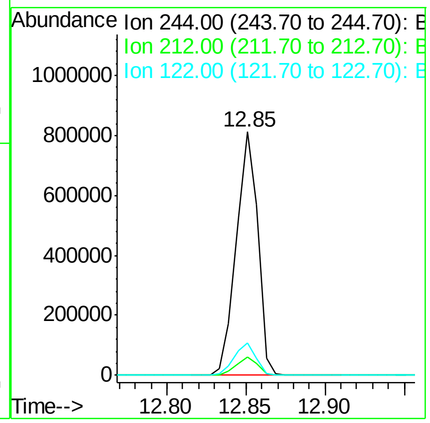


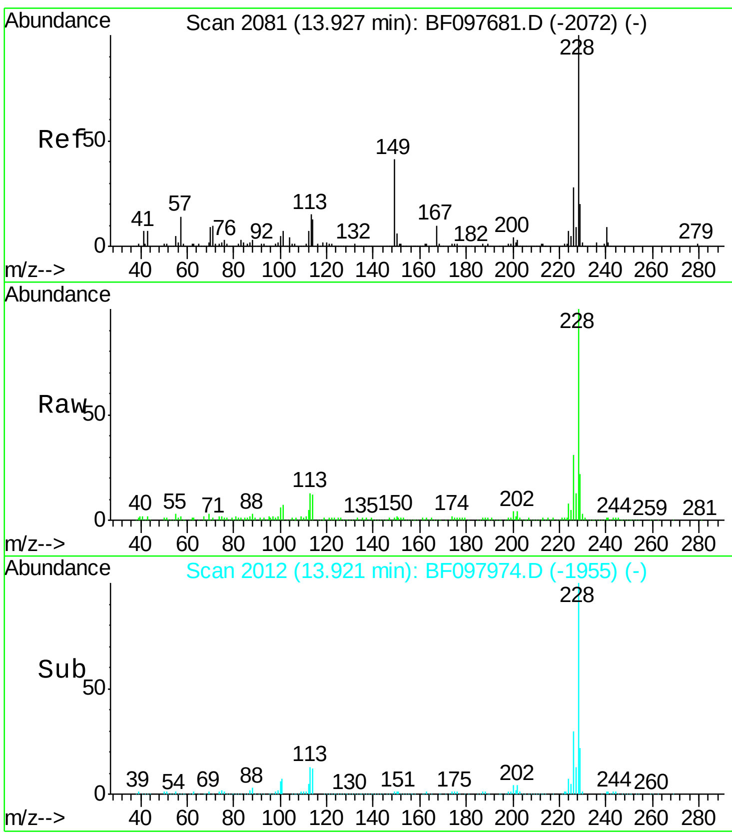

#78
Terphenyl-d14
Concen: 57.71 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:244 Resp: 767196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.0 | 9.0 |
| 122 | 13.5 | 10.3 | 15.5 |

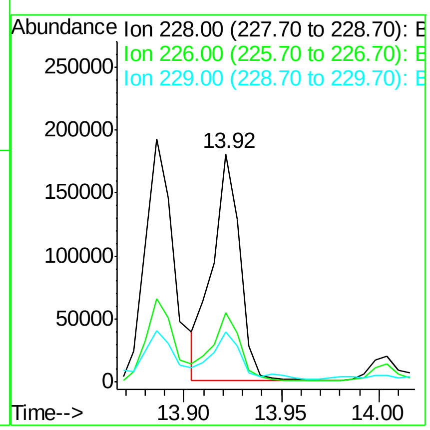


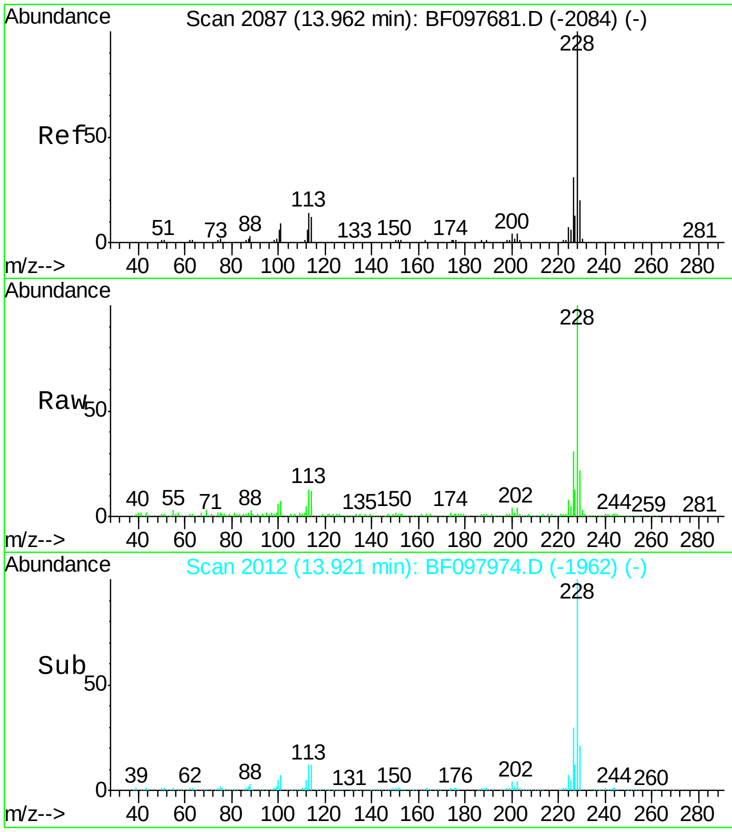




#80
Benzo(a)anthracene
Concen: 10.61 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.04 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:228 Resp: 176338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 22.6 | 33.8 |
| 229 | 22.2 | 16.3 | 24.5 |



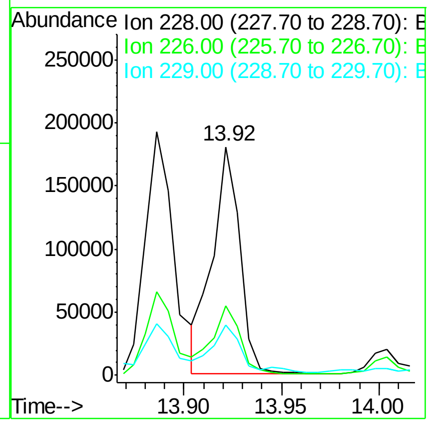


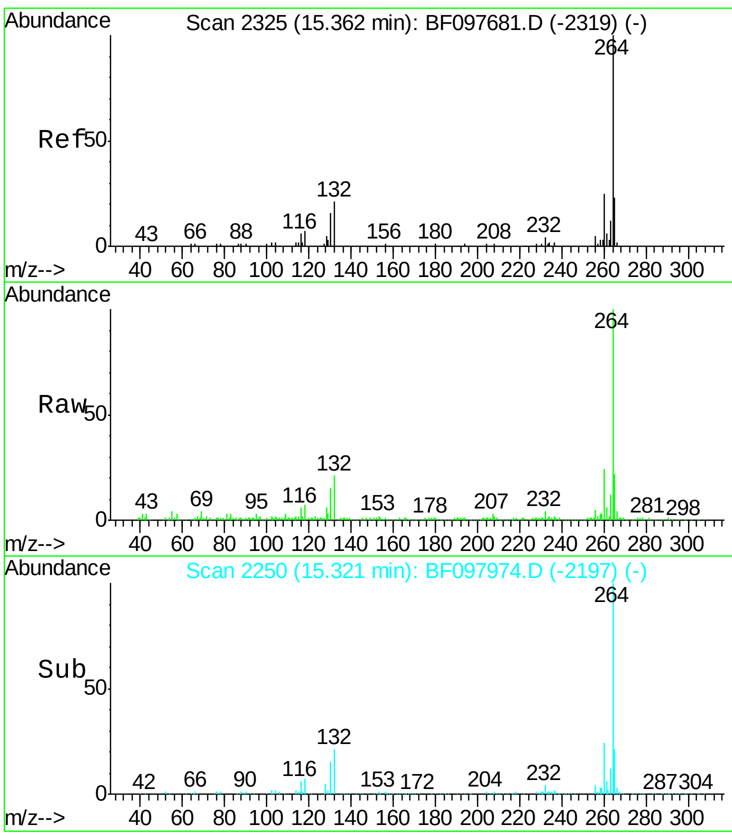

#82
Chrysene
Concen: 10.67 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:228 Resp: 176338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.9 | 37.3 |
| 229 | 22.2 | 15.8 | 23.6 |

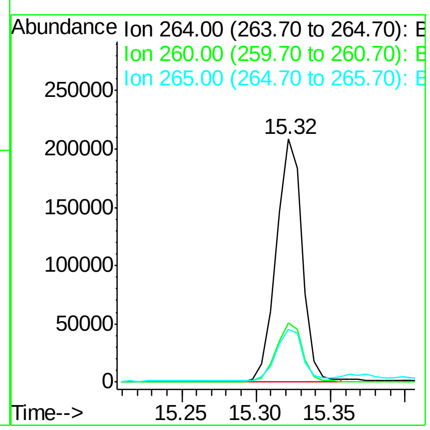


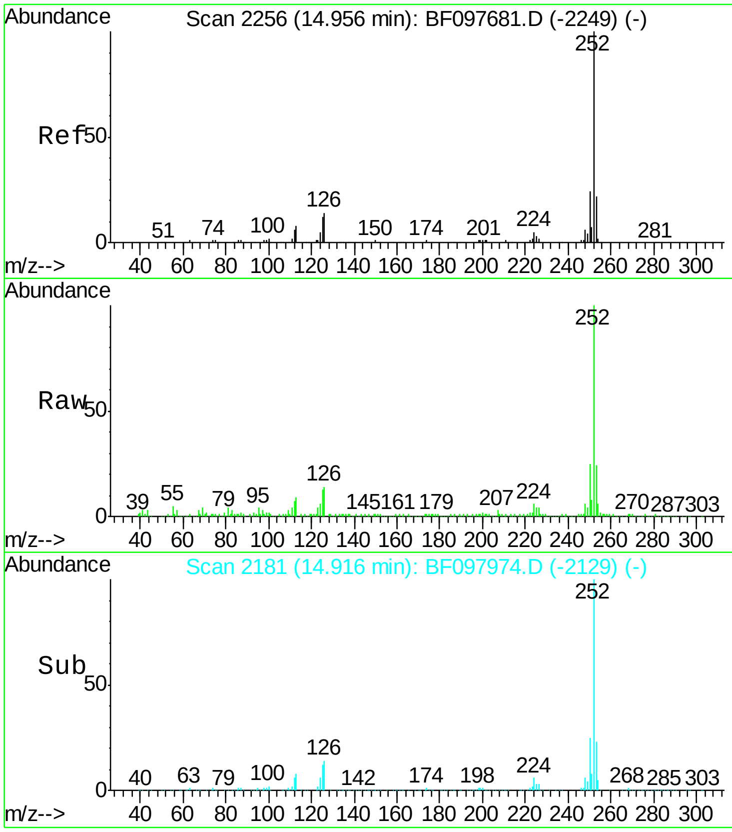




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:264 Resp: 253260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.5 | 29.3 |
| 265 | 21.9 | 17.2 | 25.8 |



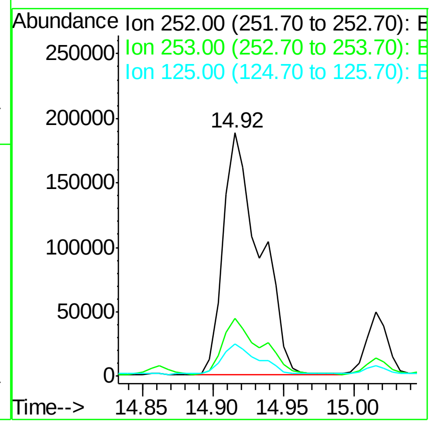


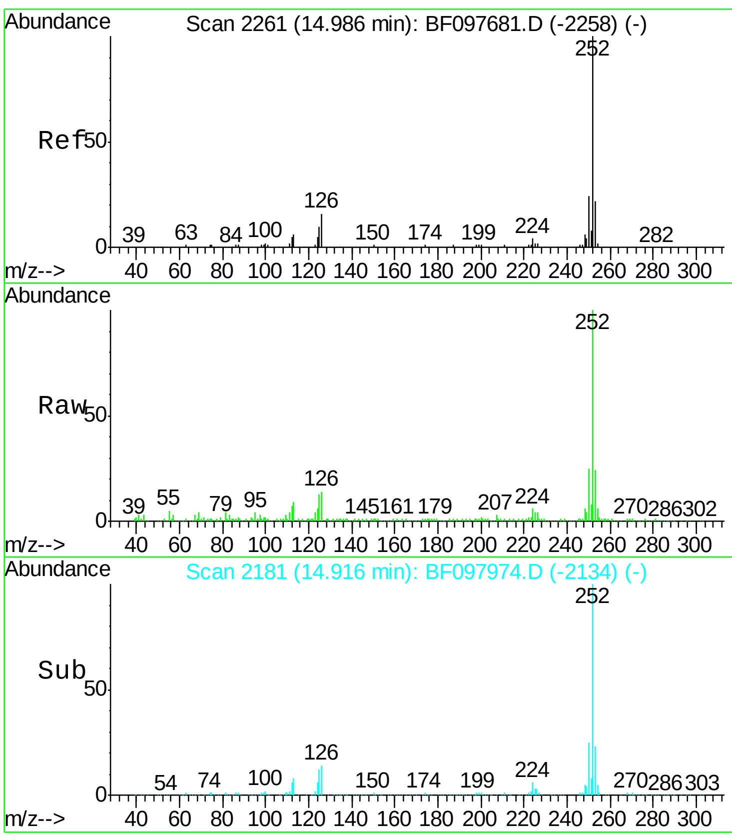

#87
Benzo(b)fluoranthene
Concen: 21.42 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:252 Resp: 341975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.1 | 27.1 |
| 125 | 13.2 | 9.8 | 14.8 |

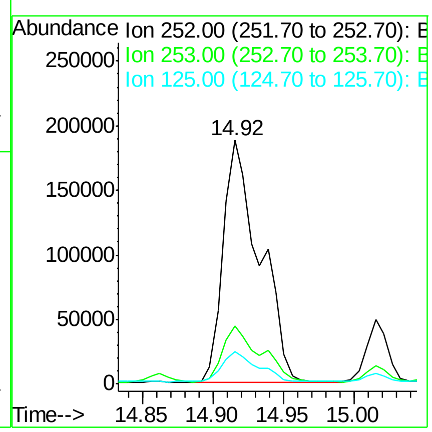


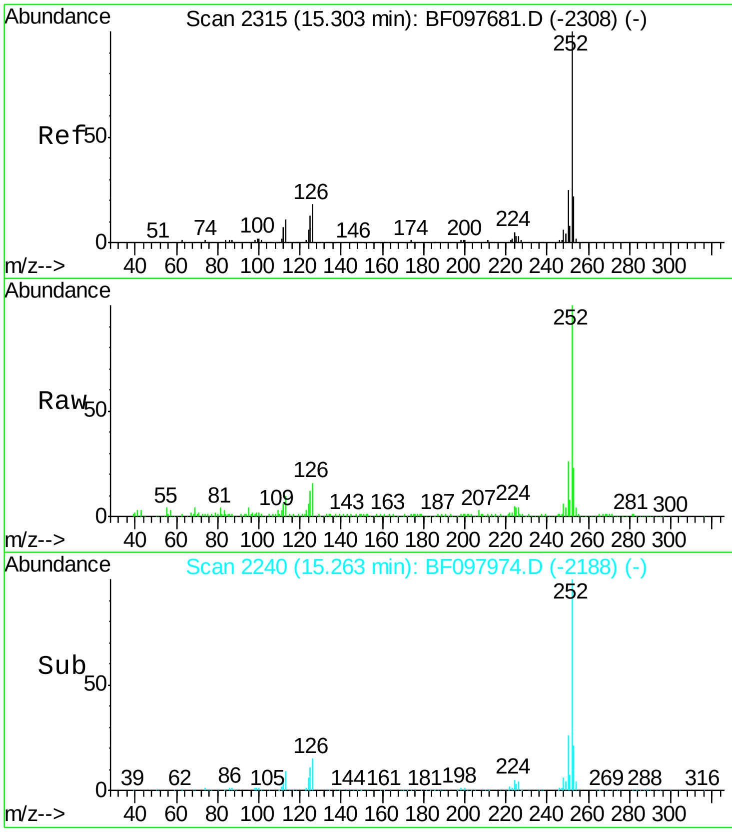




#88
Benzo(k)fluoranthene
Concen: 22.80 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

Tgt Ion:252 Resp: 341975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.4 | 27.6 |
| 125 | 13.2 | 13.1 | 19.7 |

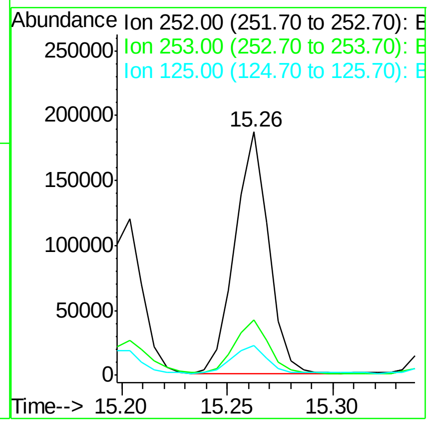


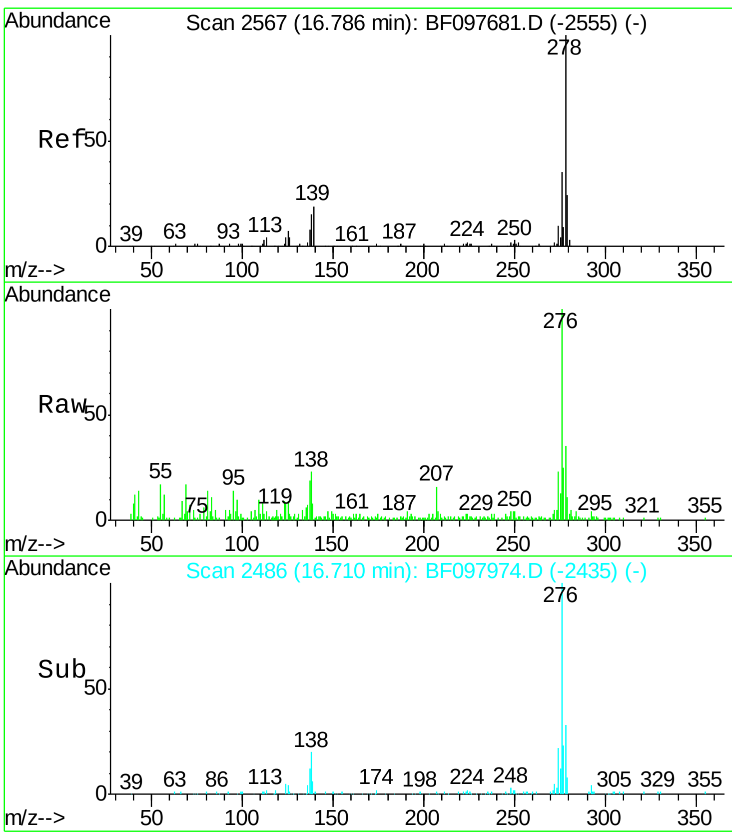



#89
Benzo(a)pyrene
Concen: 14.62 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

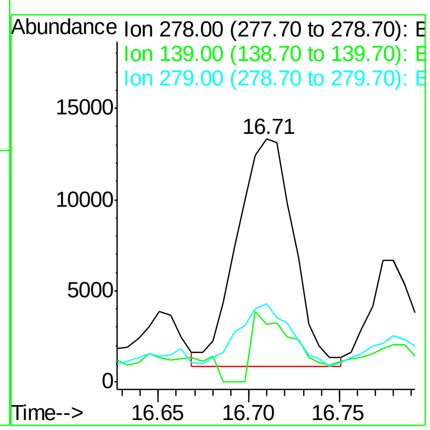
| Tgt | Ion:252 | Resp: | 206639 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 252 | 100 | | |
| 253 | 22.9 | 17.5 | 26.3 |
| 125 | 12.0 | 11.0 | 16.4 |

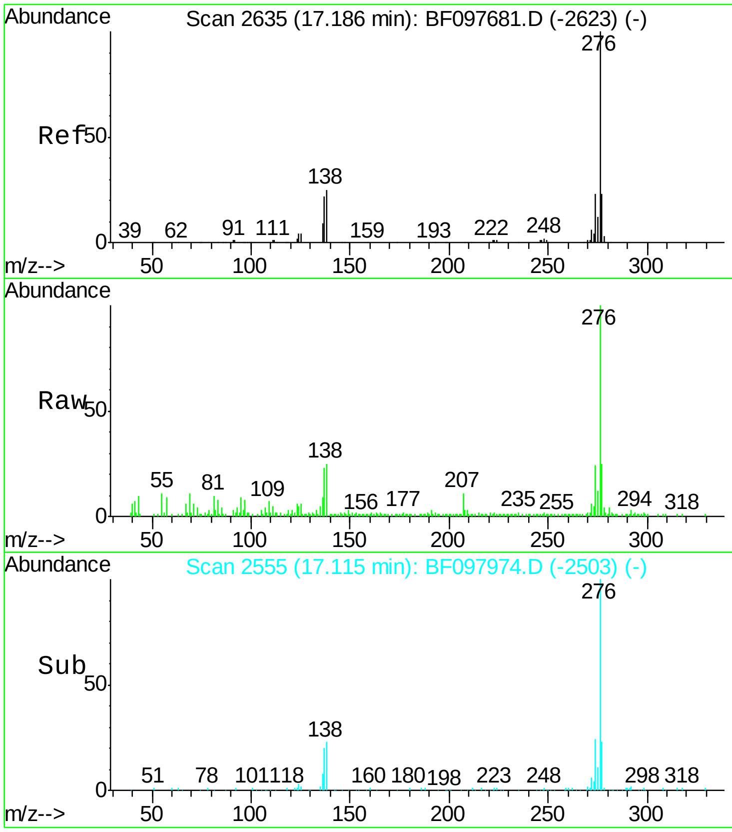



#90
Dibenzo(a,h)anthracene
Concen: 2.36 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

| Tgt | Ion:278 | Resp: | 27207 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 278 | 100 | | |
| 139 | 24.0 | 16.6 | 24.8 |
| 279 | 32.3 | 19.3 | 28.9# |






#91
Benzo(g,h,i)perylene
Concen: 8.56 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF097974.D
Acq: 23 Aug 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
SP-5-6

Tgt Ion:276 Resp: 102813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 18.6 | 28.0 |
| 138 | 25.1 | 25.4 | 38.0# |