Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097195.D
Acq On : 29 Jul 2017 10:56
Operator : SJ/JU
Sample : I4421-12 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-M6-ESW

Quant Time: Jul 31 01:01:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.49 | 152 | 116063 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.77 | 136 | 381326 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.52 | 164 | 135201 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 10.99 | 188 | 216312 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.63 | 240 | 128905 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.00 | 264 | 87657 | 20.00 | ng | | 0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.08 | 112 | 366354 | 47.58 | ng | | -0.02 |
| 7) Phenol-d6 | 6.15 | 99 | 457028 | 52.00 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.05 | 82 | 226819 | 34.89 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.30 | 330 | 47225 | 44.21 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.85 | 172 | 322207 | 40.44 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.58 | 244 | 195352 | 30.90 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) Aniline | 6.23 | 93 | 1043593 | 94.35 | ng | # | 50 |
| 11) bis(2-Chloroethyl)ether | 6.23 | 93 | 1043593 | 126.56 | ng | | 86 |
| 13) 1,4-Dichlorobenzene | 6.50 | 146 | 47058 | 5.35 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 6.66 | 146 | 117975 | 15.37 | ng | | 100 |
| 17) 2-Methylphenol | 6.95 | 107 | 19405 | 3.05 | ng | | 92 |
| 20) 3+4-Methylphenols | 6.95 | 107 | 19405 | 2.34 | ng | # | 62 |
| 31) Naphthalene | 7.79 | 128 | 58666 | 3.26 | ng | | 99 |
| 32) Benzoic acid | 7.59 | 122 | 53508 | 11.86 | ng | # | 20 |
| 35) Caprolactam | 8.22 | 113 | 4810 | 2.88 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 8.49 | 142 | 72298 | 6.35 | ng | | 99 |
| 49) Dimethylphthalate | 9.25 | 163 | 34259 | 3.34 | ng | # | 88 |
| 61) 4-Nitroaniline | 9.97 | 138 | 5725 | 2.23 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 10.18 | 169 | 23675 | 3.15 | ng | # | 40 |
| 70) Phenanthrene | 11.02 | 178 | 55781 | 4.81 | ng | | 95 |
| 71) Anthracene | 11.02 | 178 | 55781 | 4.70 | ng | | 95 |
| 74) Fluoranthene | 12.20 | 202 | 105229 | 9.27 | ng | | 95 |
| 77) Pyrene | 12.43 | 202 | 106280 | 10.07 | ng | | 96 |
| 80) Benzo(a)anthracene | 13.63 | 228 | 35867 | 4.30 | ng | # | 83 |
| 82) Chrysene | 13.66 | 228 | 36061 | 4.43 | ng | # | 75 |
| 85) Indeno(1,2,3-cd)pyrene | 16.24 | 276 | 20539 | 2.94 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.64 | 252 | 42471 | 8.06 | ng | # | 1 |
| 88) Benzo(k)fluoranthene | 14.64 | 252 | 42471 | 8.46 | ng | # | 1 |
| 89) Benzo(a)pyrene | 14.95 | 252 | 19795 | 4.10 | ng | # | 1 |
| 91) Benzo(g,h,i)perylene | 16.62 | 276 | 24756 | 5.97 | ng | # | 80 |

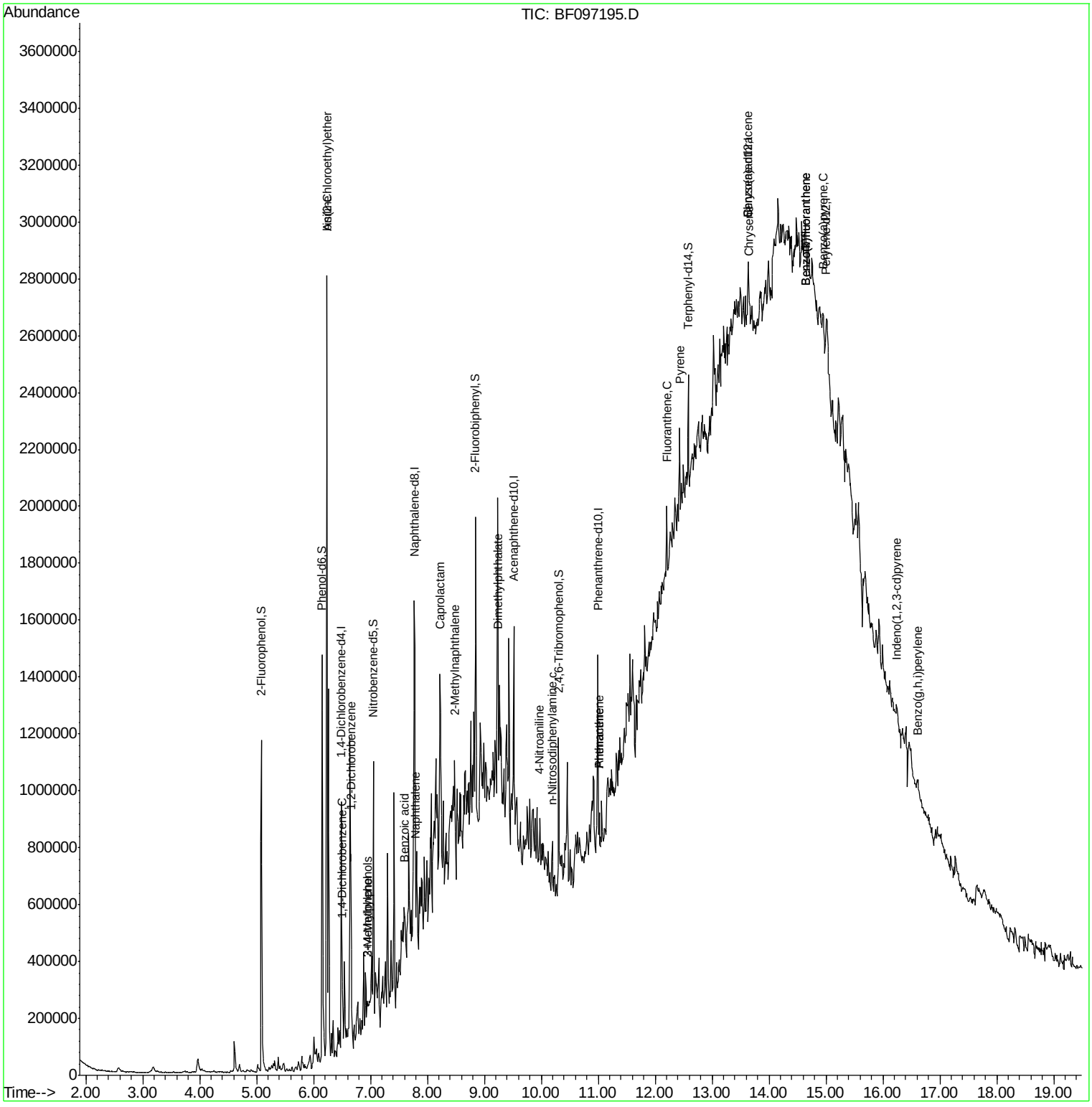
(#) = qualifier out of range (m) = manual integration (+) = signals summed

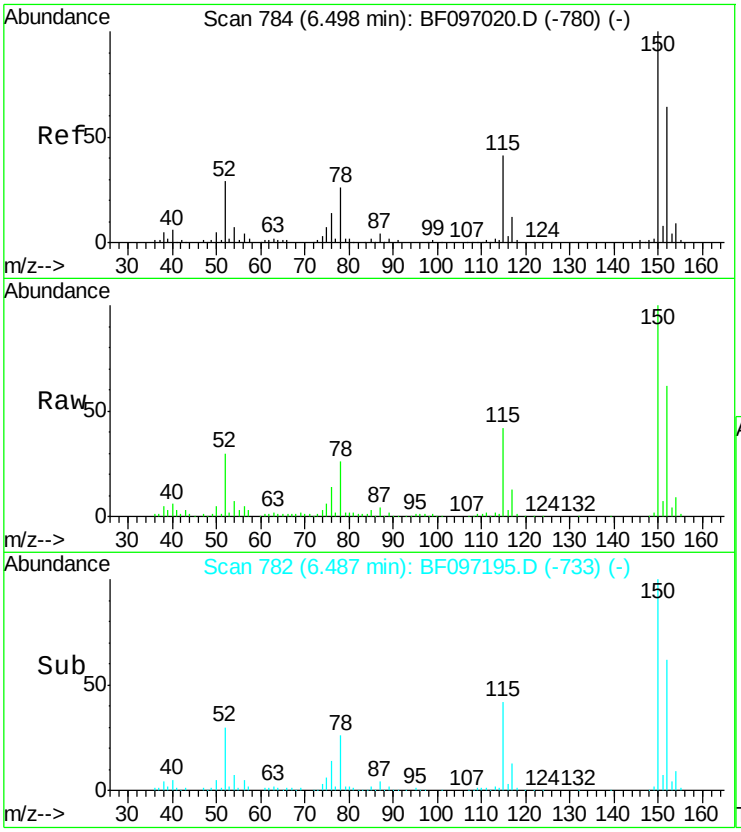
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097195.D
Acq On : 29 Jul 2017 10:56
Operator : SJ/JU
Sample : I4421-12 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Quant Time: Jul 31 01:01:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



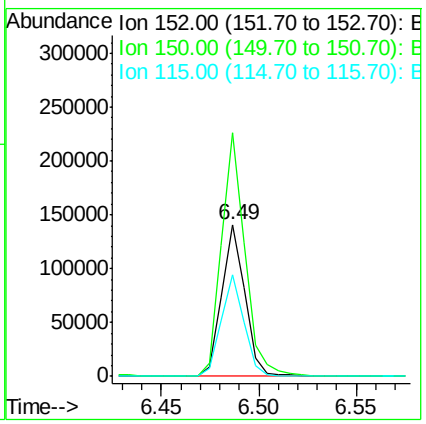


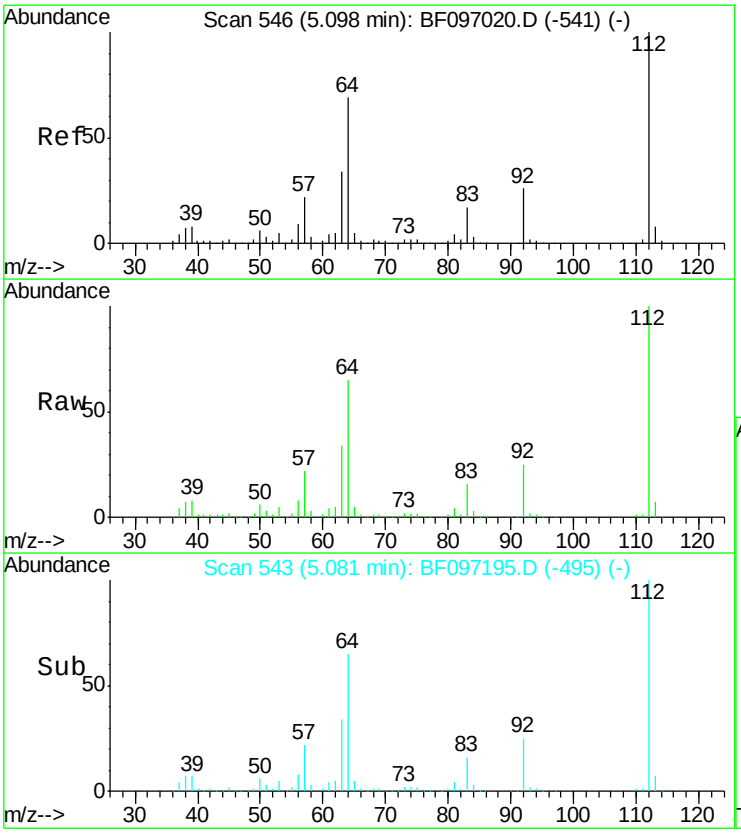

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:152 Resp: 116063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.7 | 126.2 | 189.2 |
| 115 | 66.7 | 52.2 | 78.2 |

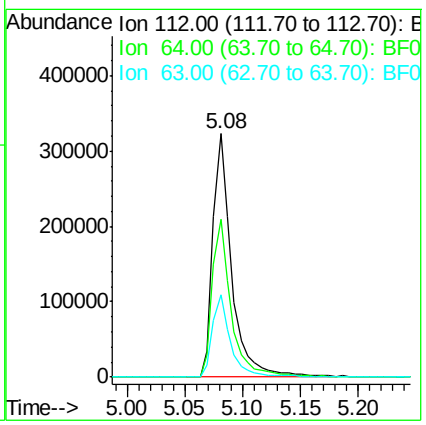


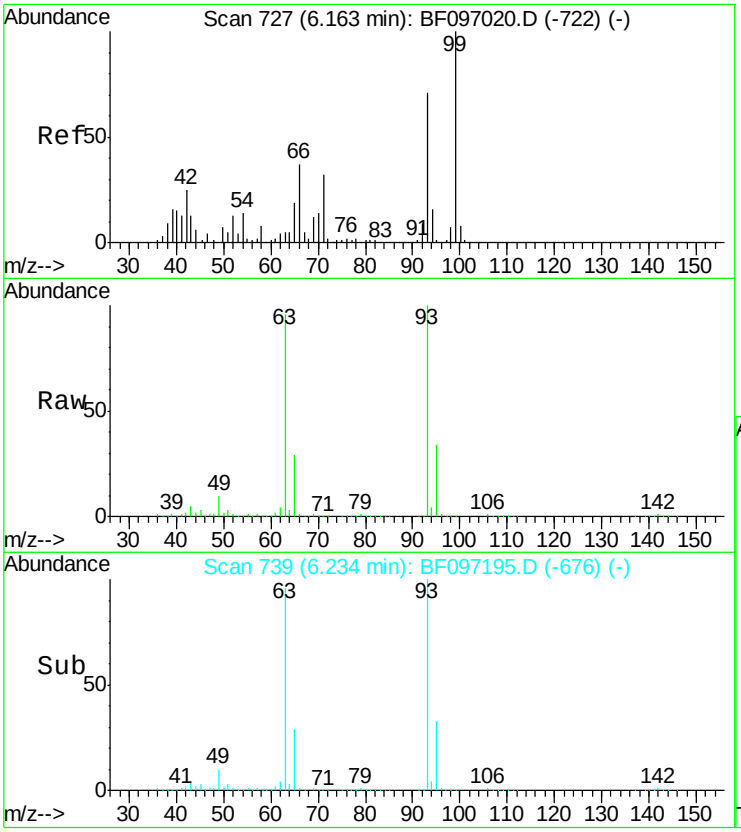




#5
2-Fluorophenol
Concen: 47.58 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:112 Resp: 366354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.0 | 46.0 | 69.0 |
| 63 | 34.0 | 23.4 | 35.0 |



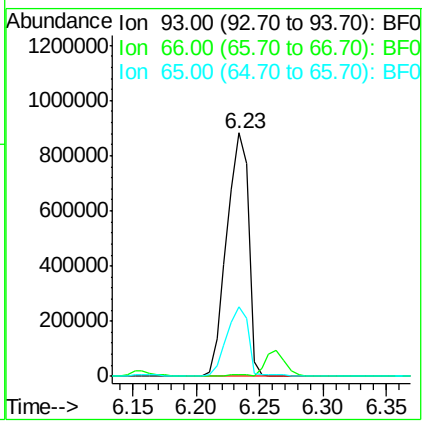


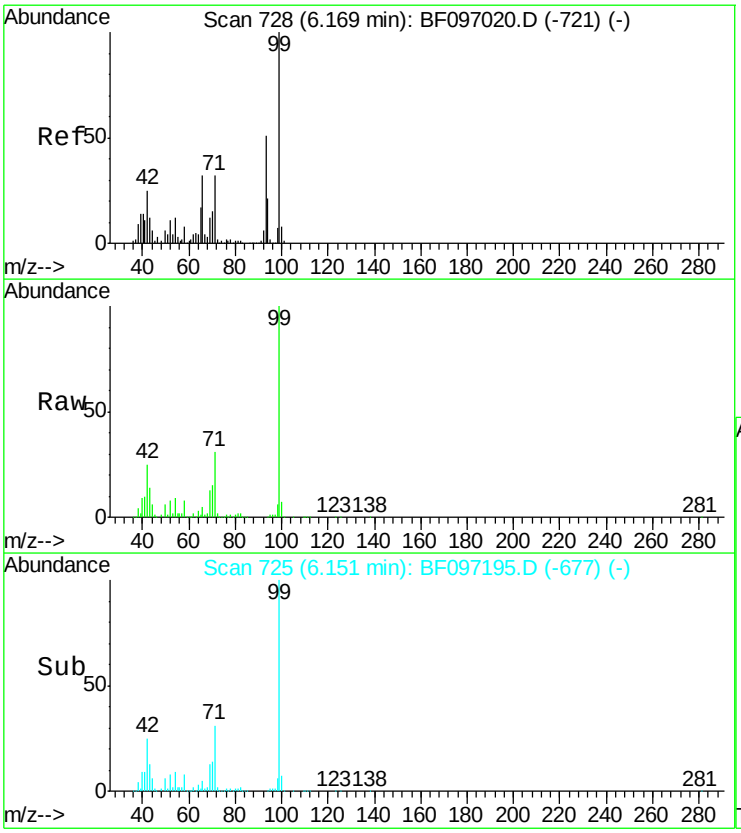

#6
Aniline
Concen: 94.35 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.07 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion: 93 Resp: 1043593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 0.6 | 32.9 | 49.3# |
| 65 | 28.8 | 16.0 | 24.0# |

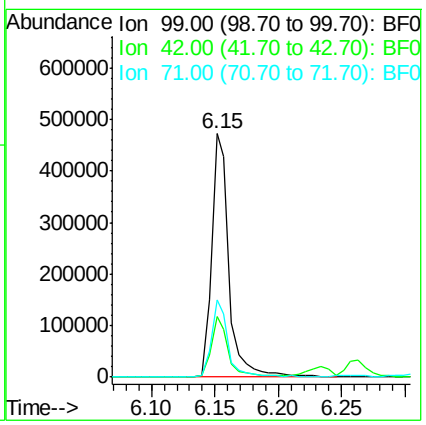


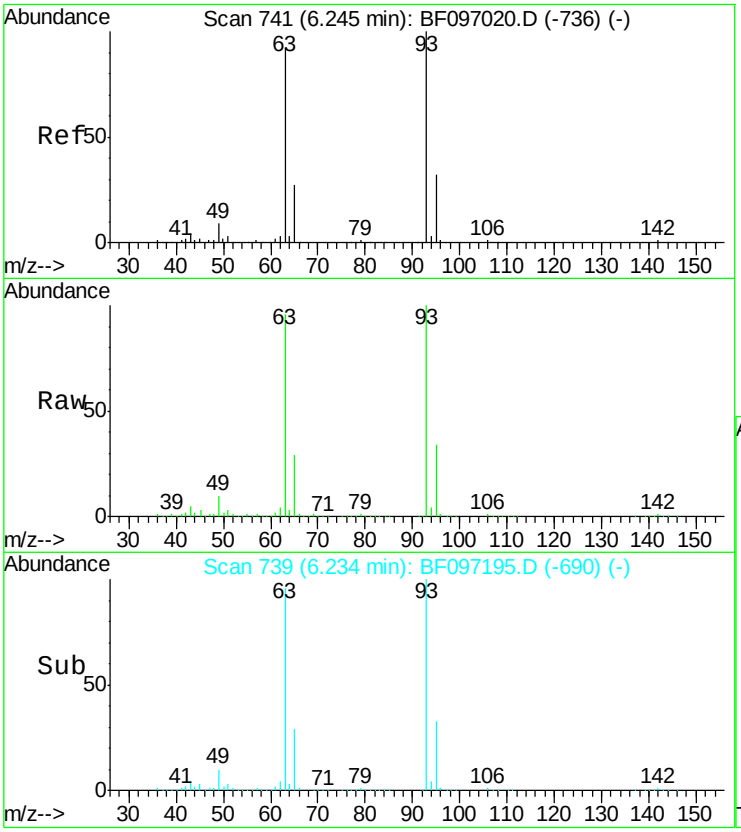




#7
Phenol-d6
Concen: 52.00 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion: 99 Resp: 457028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.7 | 13.5 | 20.3# |
| 71 | 31.5 | 24.5 | 36.7 |



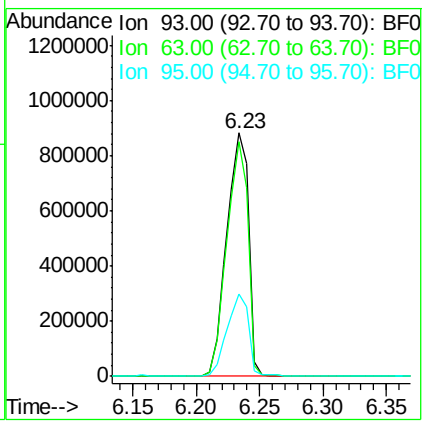


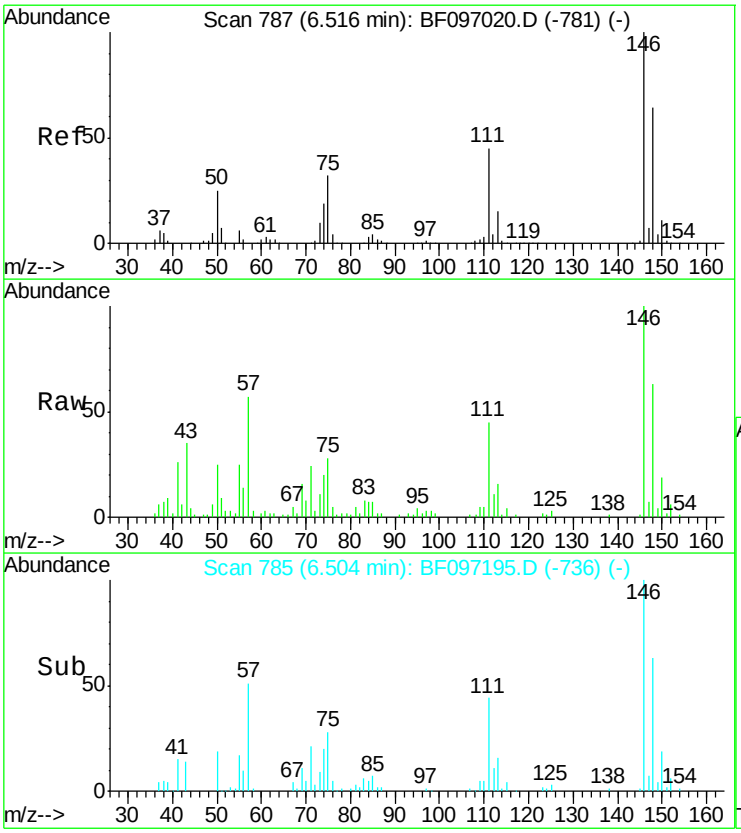

#11
bis(2-Chloroethyl)ether
Concen: 126.56 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion: 93 Resp: 1043593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 96.3 | 59.2 | 99.2 |
| 95 | 33.6 | 12.8 | 52.8 |

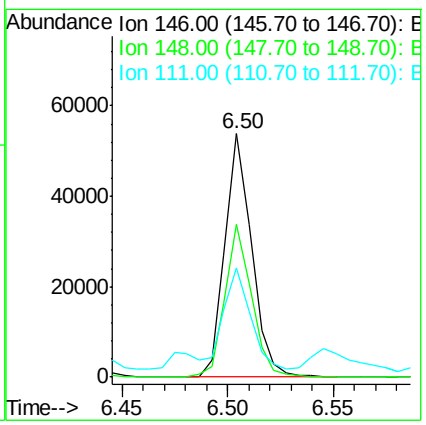


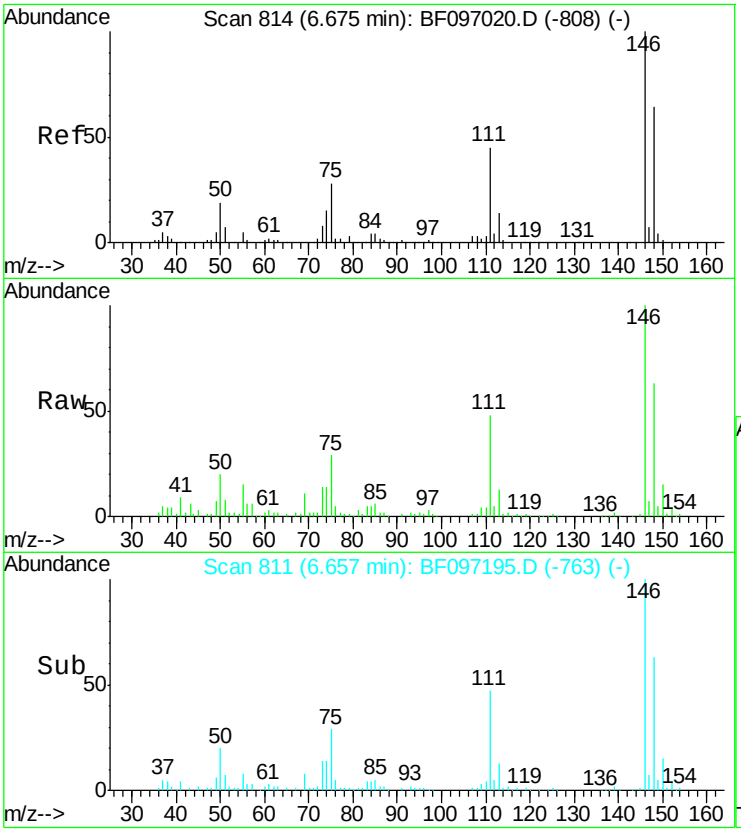




#13
1,4-Dichlorobenzene
Concen: 5.35 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:146 Resp: 47058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 52.2 | 78.2 |
| 111 | 44.9 | 30.3 | 45.5 |



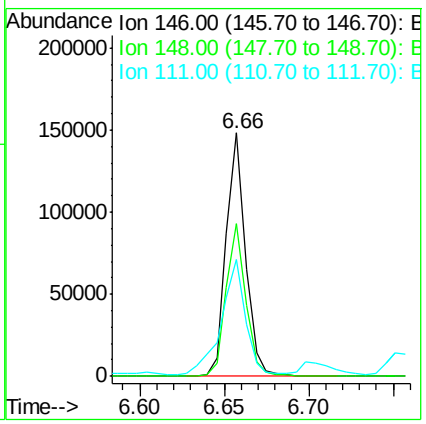


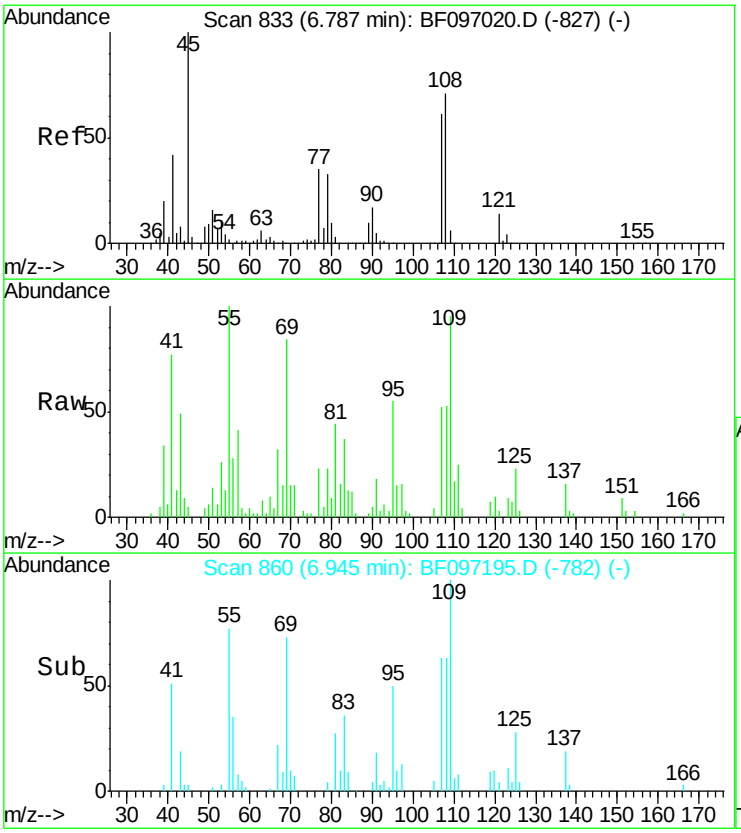

#14
1,2-Dichlorobenzene
Concen: 15.37 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:146 Resp: 117975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.4 | 75.6 |
| 111 | 48.2 | 38.2 | 57.4 |

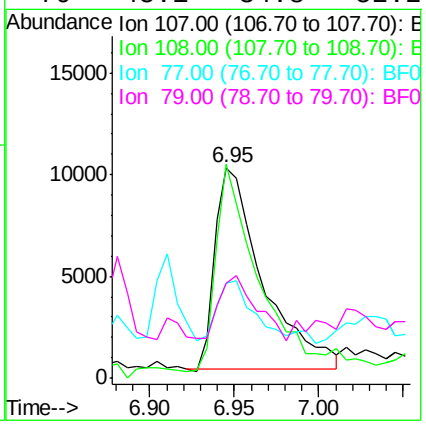


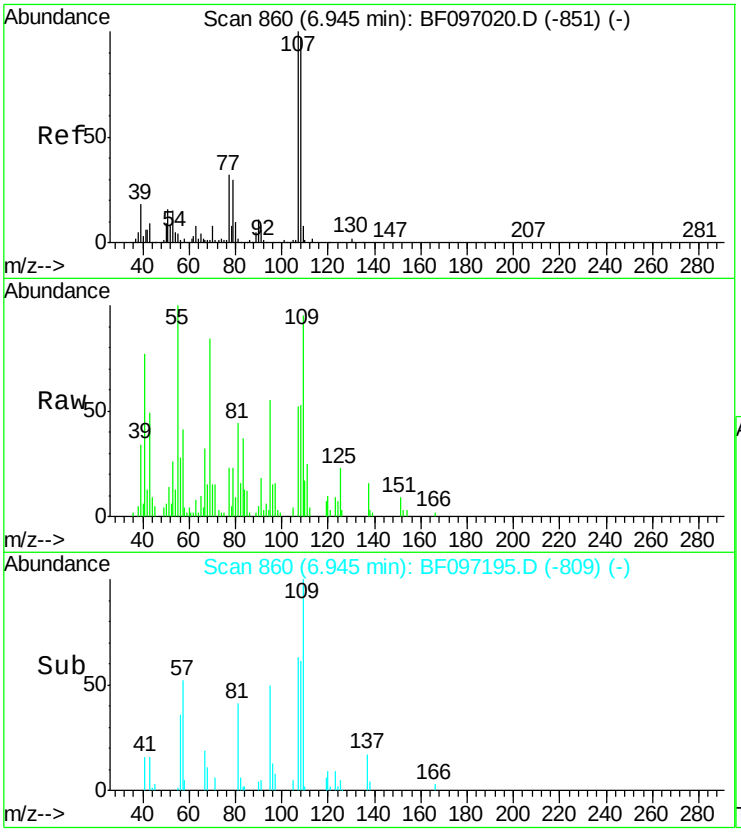




#17
2-Methylphenol
Concen: 3.05 ng
RT: 6.95 min Scan# 860
Delta R.T. 0.16 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:107 Resp: 19405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 101.6 | 93.4 | 140.0 |
| 77 | 44.8 | 35.8 | 53.6 |
| 79 | 45.1 | 34.8 | 52.2 |



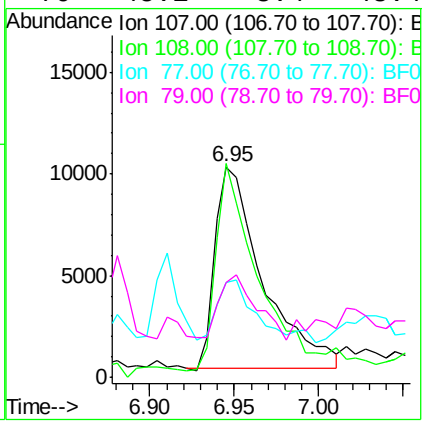


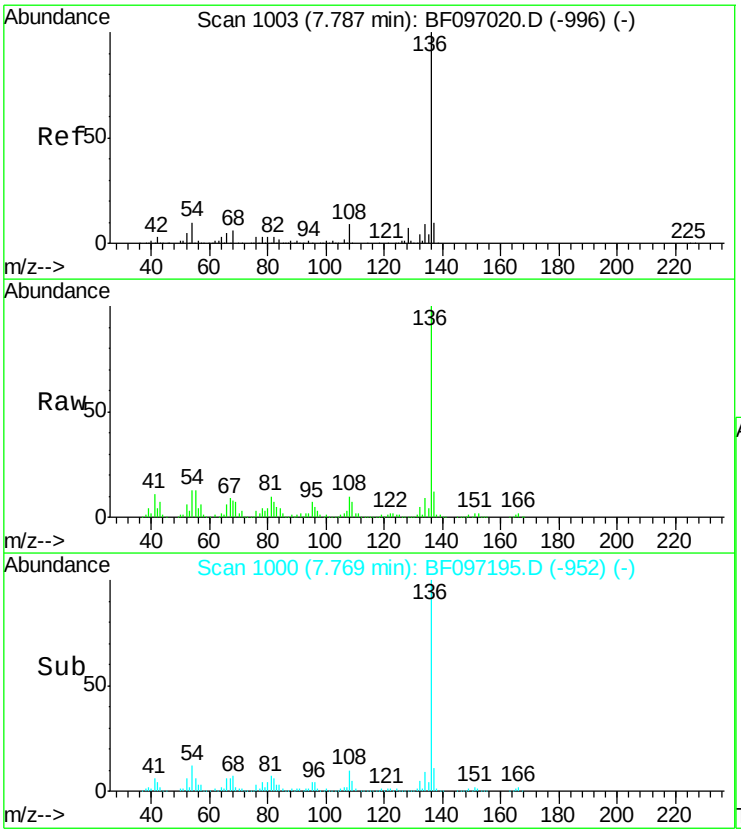

#20
3+4-Methylphenols
Concen: 2.34 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:107 Resp: 19405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 101.6 | 71.0 | 111.0 |
| 77 | 44.8 | 90.5 | 130.5# |
| 79 | 45.1 | 8.4 | 48.4 |

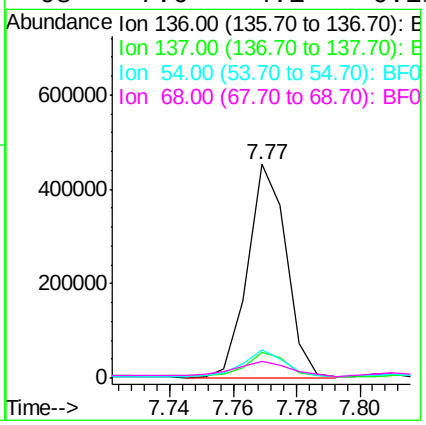


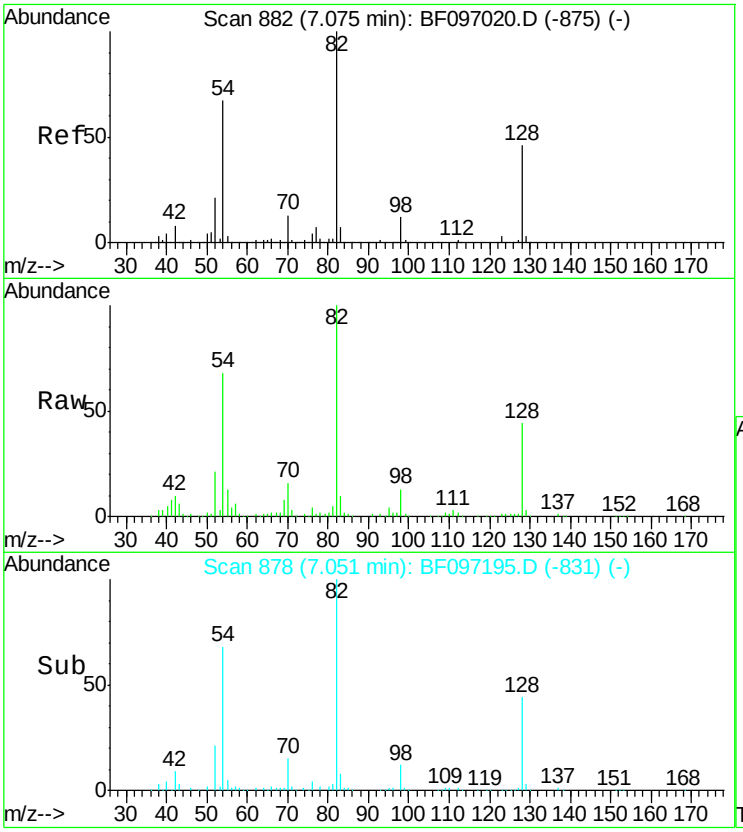




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:136 Resp: 381326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 8.5 | 12.7 |
| 54 | 12.9 | 4.9 | 7.3# |
| 68 | 7.6 | 4.1 | 6.1# |



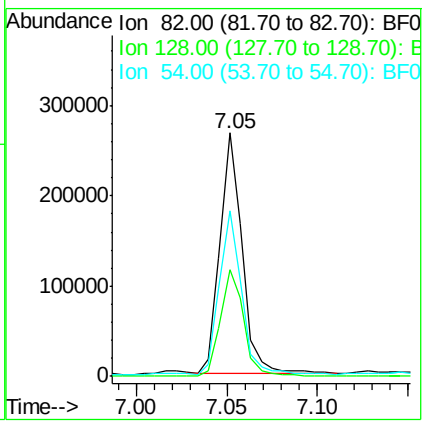


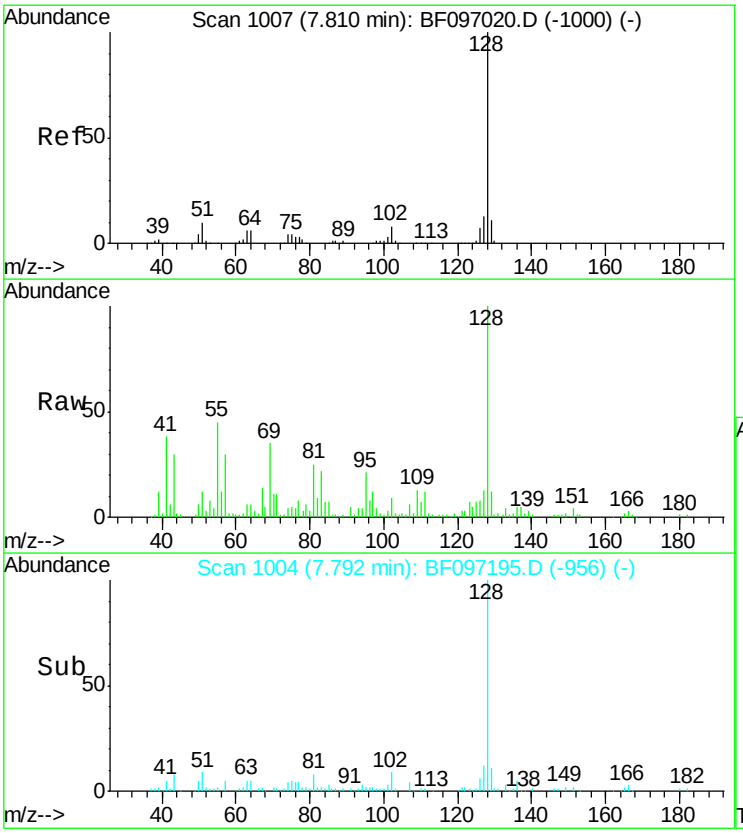

#23
Nitrobenzene-d5
Concen: 34.89 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion: 82 Resp: 226819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 34.0 | 51.0 |
| 54 | 68.2 | 42.2 | 63.2# |

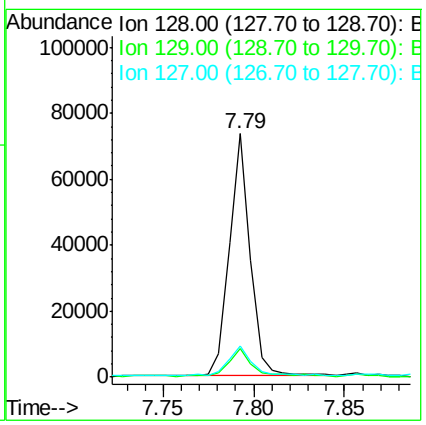


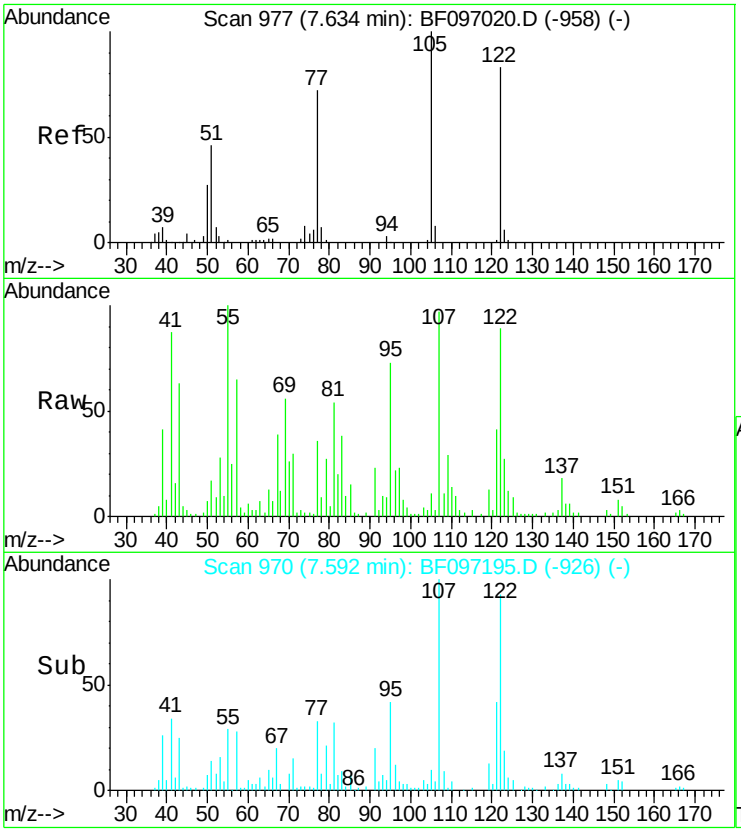




#31
Naphthalene
Concen: 3.26 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:128 Resp: 58666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.0 | 13.6 |
| 127 | 12.8 | 10.8 | 16.2 |



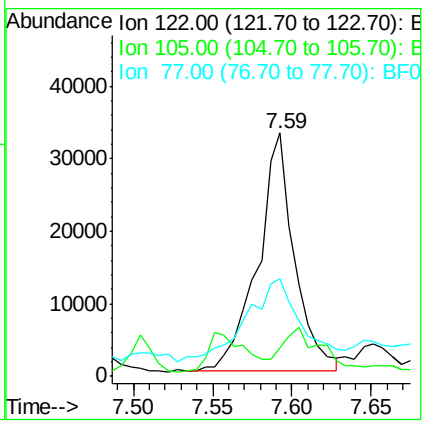


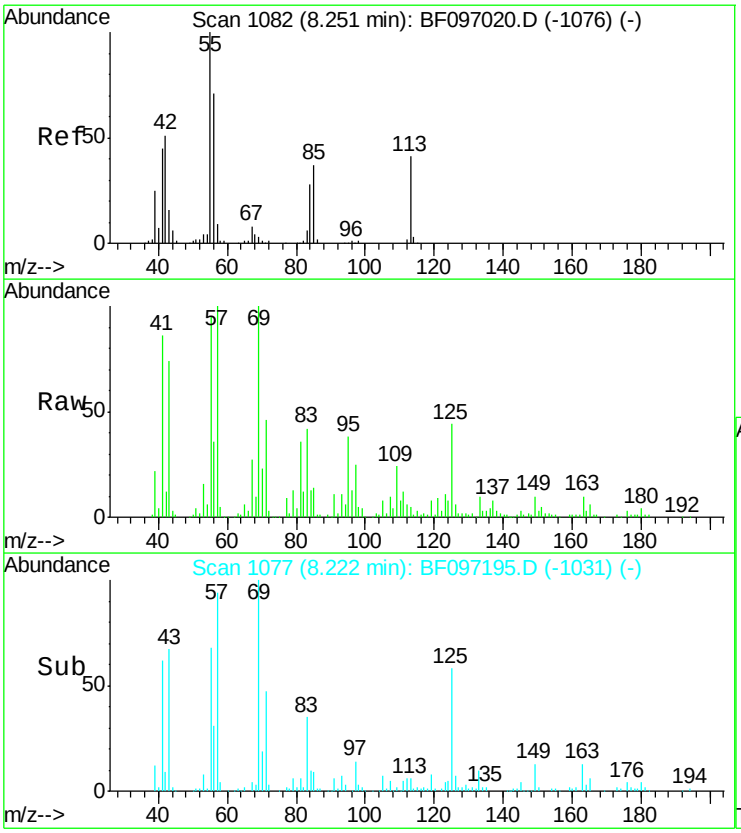

#32
Benzoic acid
Concen:  11.86 ng
RT: 7.59 min  Scan# 970
Delta R.T.  -0.04 min
Lab File:  BF097195.D
Acq: 29 Jul 2017  10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:122 Resp:  53508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 11.9 | 103.3 | 143.3# |
| 77 | 40.3 | 73.7 | 113.7# |

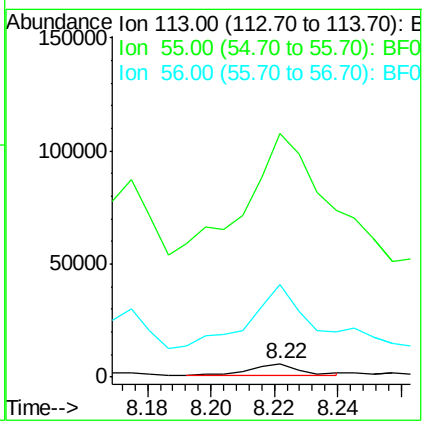


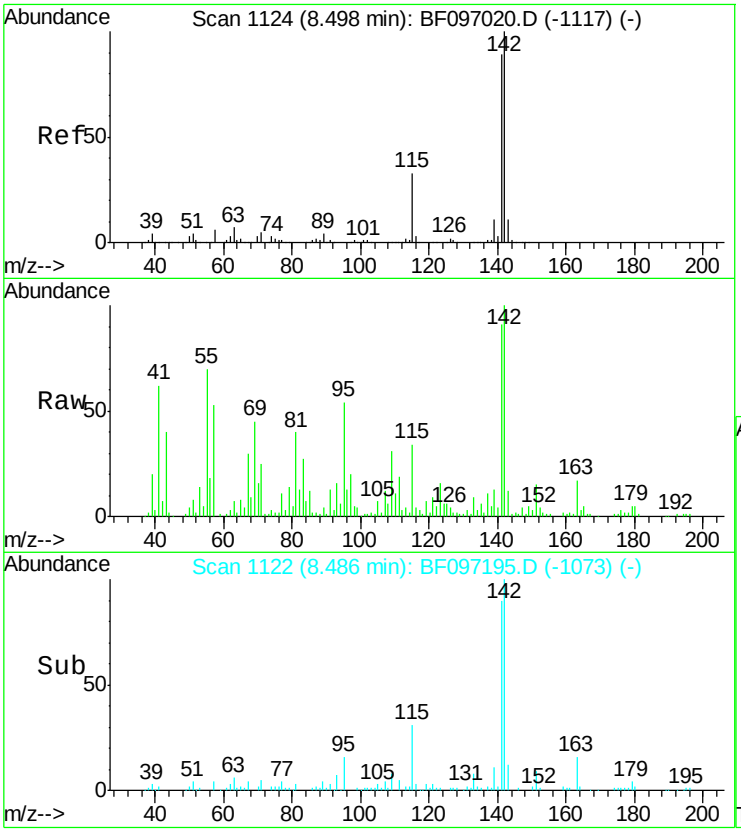




#35
Caprolactam
Concen:  2.88 ng
RT: 8.22 min  Scan# 1077
Delta R.T.  -0.03 min
Lab File:  BF097195.D
Acq: 29 Jul 2017  10:56

Tgt Ion:113 Resp:  4810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 1779.4 | 150.2 | 190.2# |
| 56 | 677.0 | 107.8 | 147.8# |



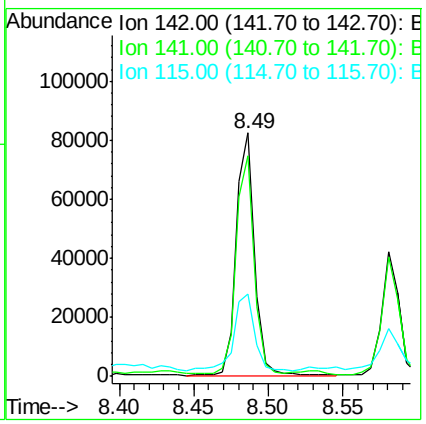


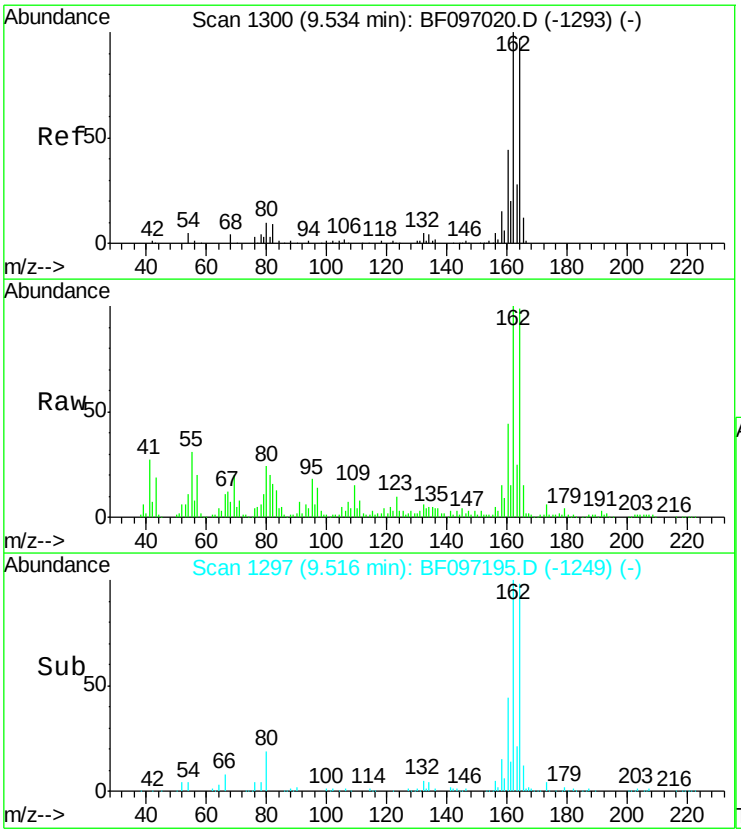

#37
2-Methylnaphthalene
Concen: 6.35 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:142 Resp: 72298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 71.3 | 106.9 |
| 115 | 33.8 | 27.1 | 40.7 |

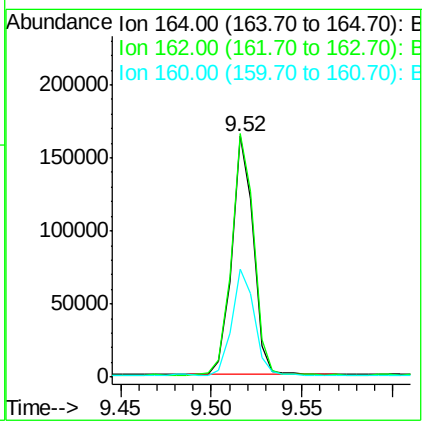


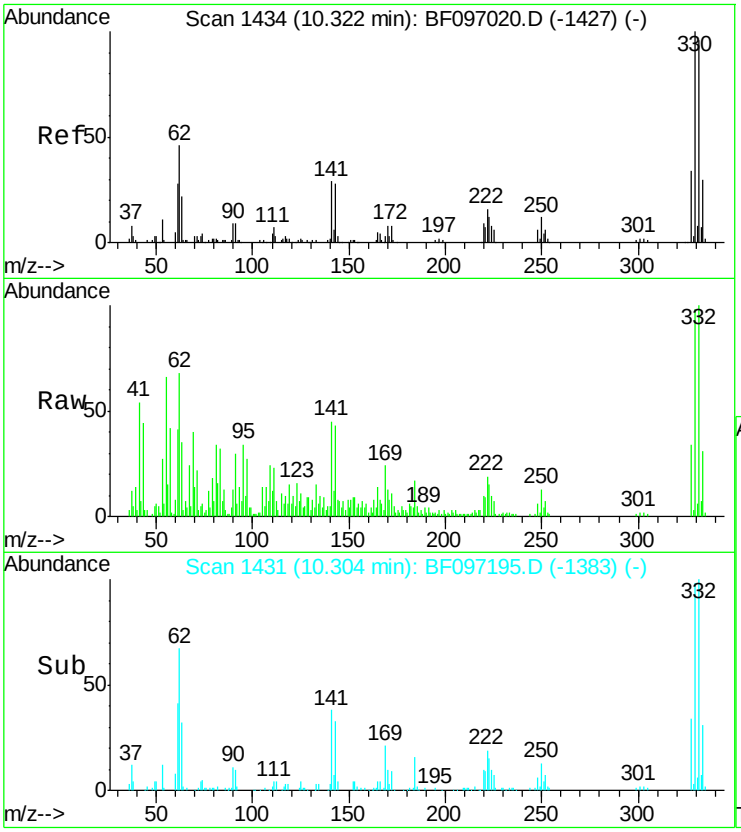




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:164 Resp: 135201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 82.6 | 123.8 |
| 160 | 45.0 | 36.2 | 54.2 |



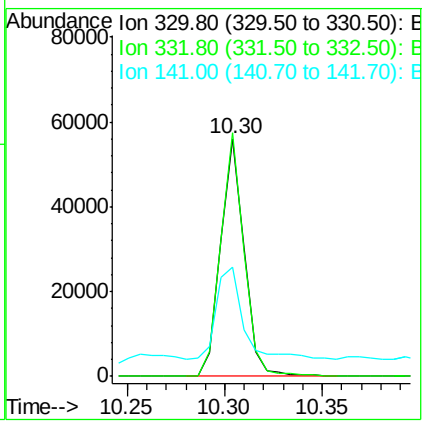


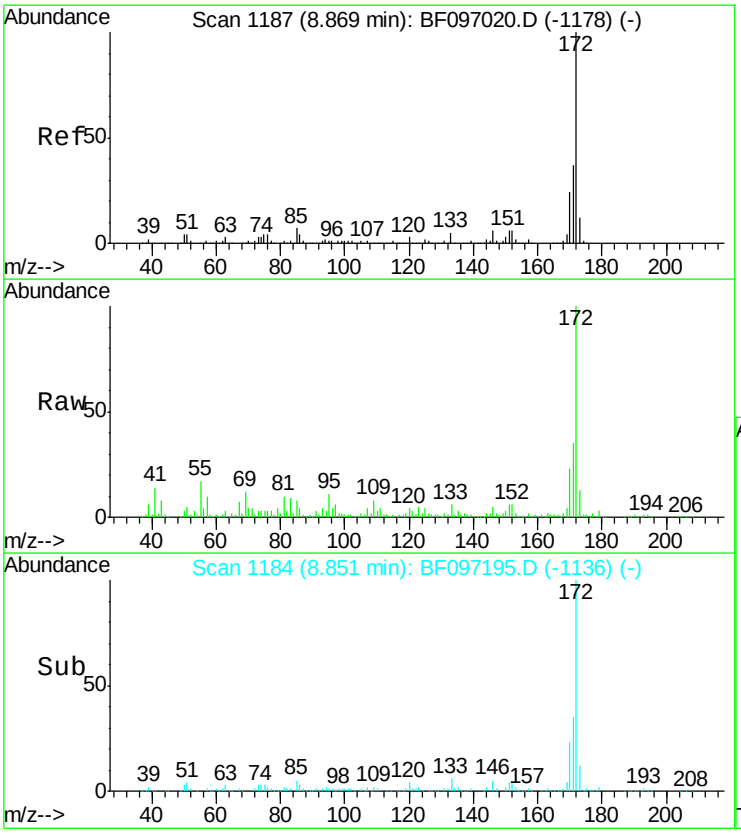

#41
2,4,6-Tribromophenol
Concen: 44.21 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:330 Resp: 47225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 100.6 | 76.6 | 115.0 |
| 141 | 48.7 | 31.4 | 47.2# |

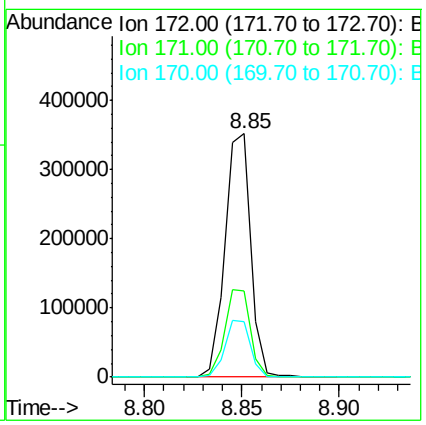


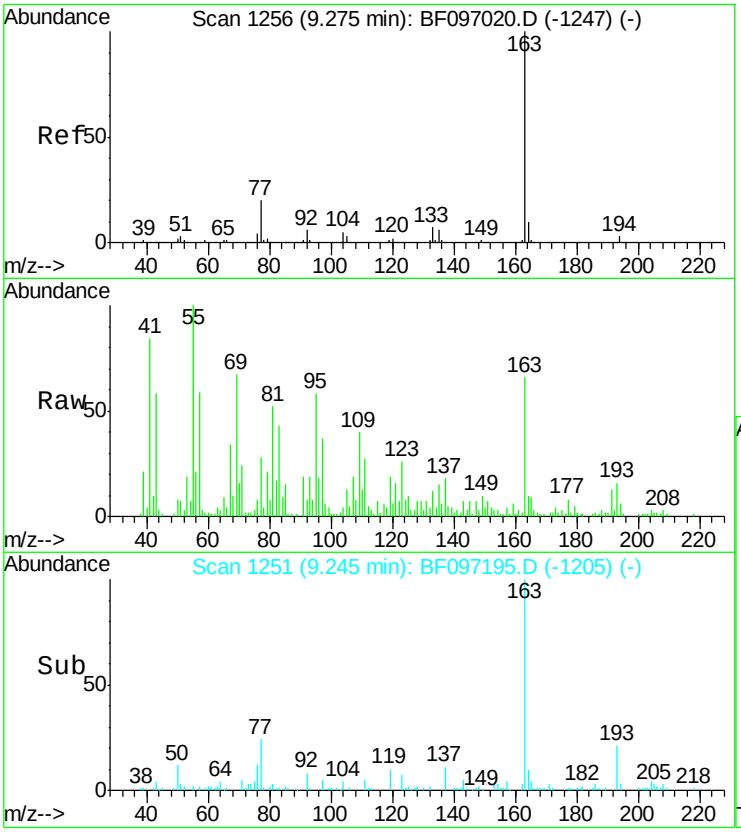




#44
2-Fluorobiphenyl
Concen: 40.44 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:172 Resp: 322207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 29.6 | 44.4 |
| 170 | 23.0 | 19.8 | 29.8 |



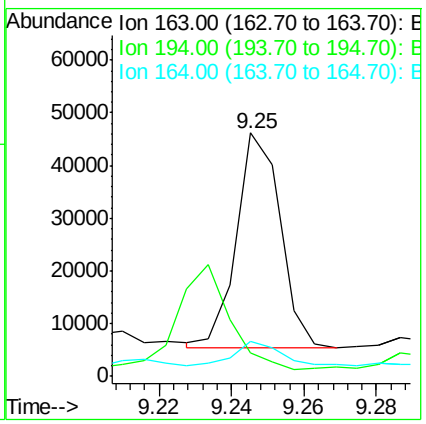


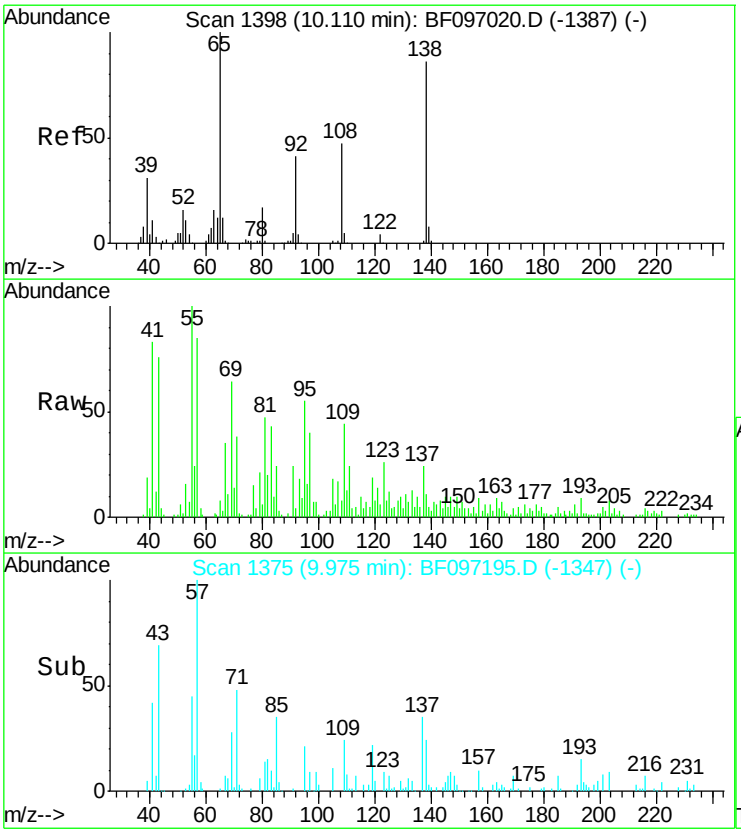

#49
Dimethylphthalate
Concen: 3.34 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:163 Resp: 34259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 9.4 | 2.6 | 4.0# |
| 164 | 14.4 | 8.4 | 12.6# |

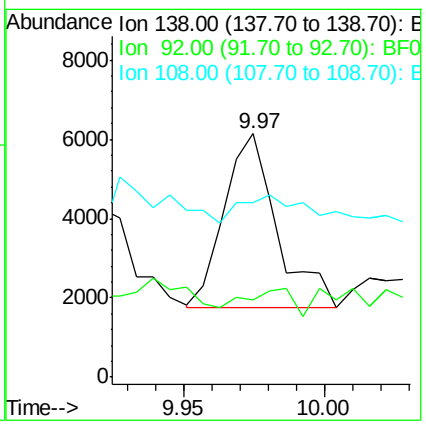


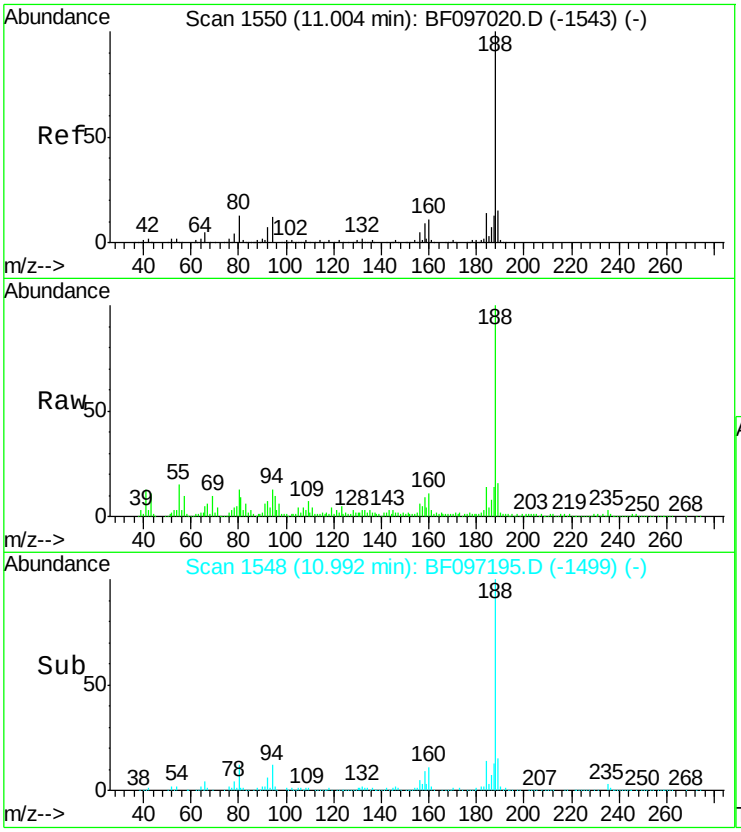




#61
4-Nitroaniline
Concen: 2.23 ng
RT: 9.97 min Scan# 1375
Delta R.T. -0.14 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:138 Resp: 5725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 31.5 | 21.8 | 61.8 |
| 108 | 71.9 | 42.3 | 82.3 |



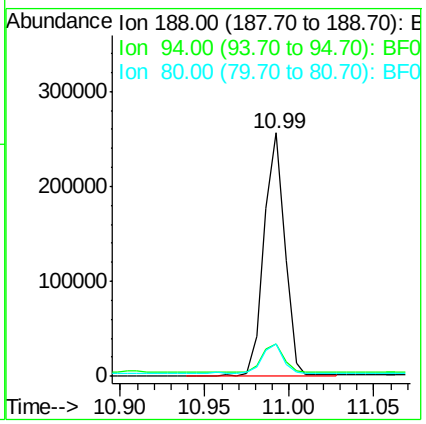


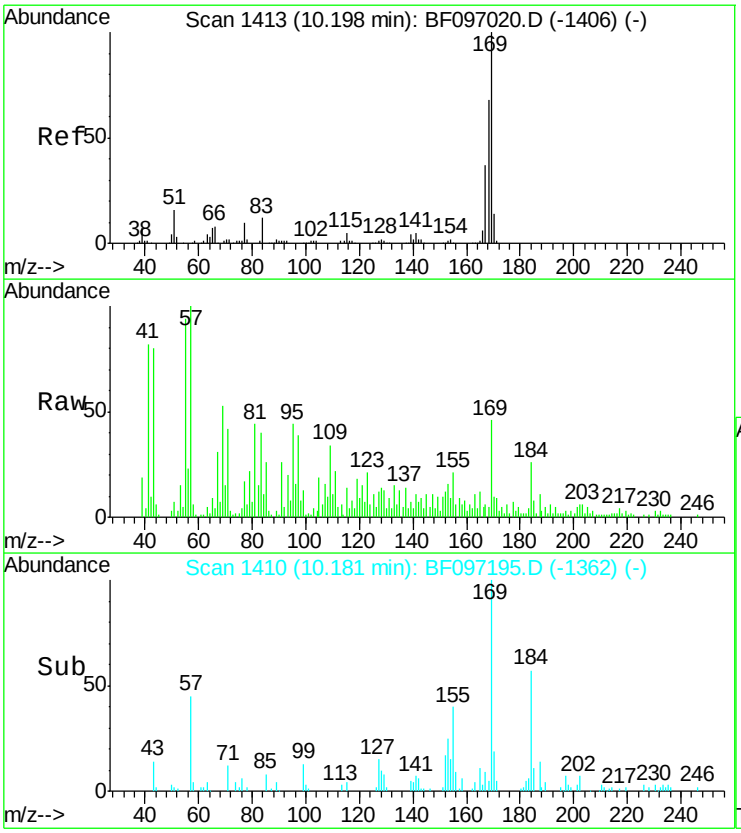

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:188 Resp: 216312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.4 | 9.4 | 14.2 |
| 80 | 13.2 | 10.2 | 15.2 |

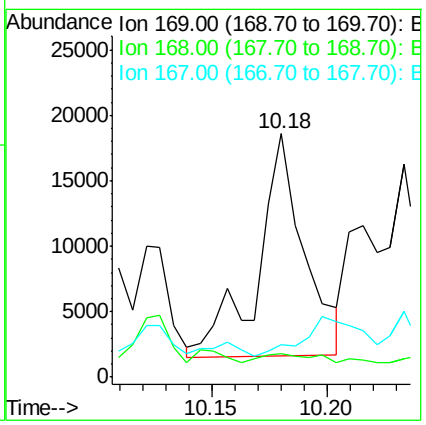


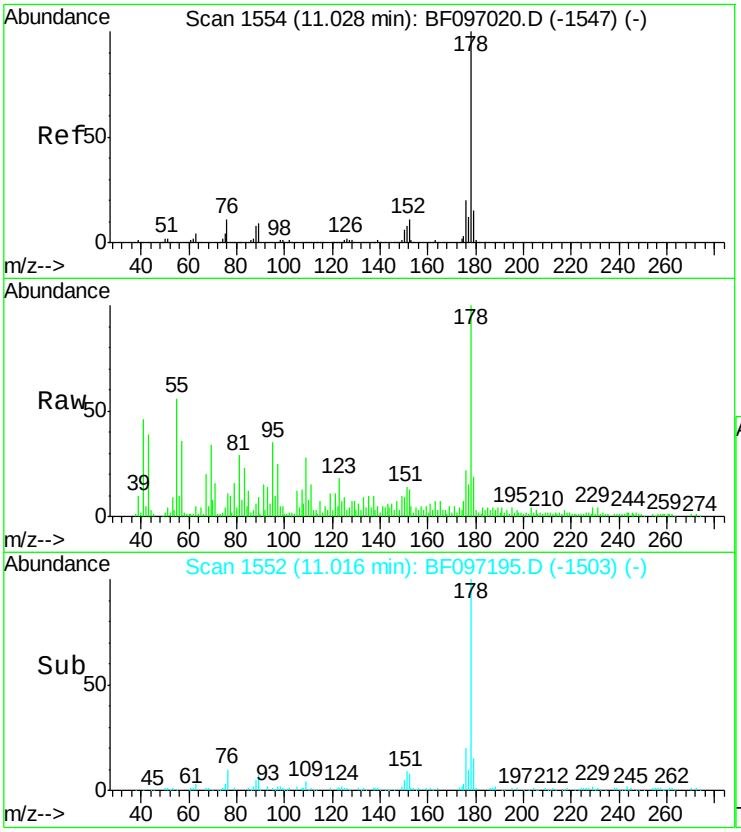




#65
n-Nitrosodiphenylamine
Concen: 3.15 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:169 Resp: 23675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 9.9 | 53.2 | 79.8# |
| 167 | 13.2 | 29.5 | 44.3# |



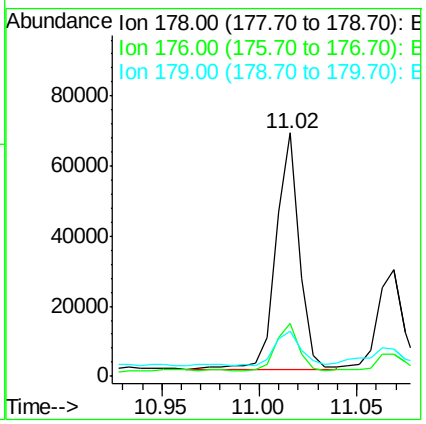


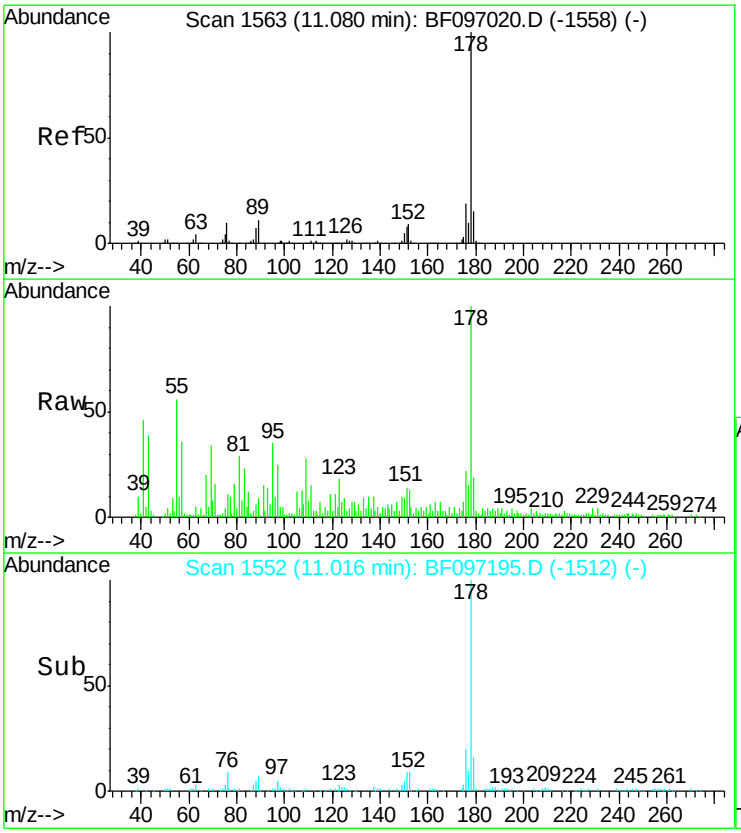

#70
Phenanthrene
Concen: 4.81 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:178 Resp: 55781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.7 | 16.2 | 24.4 |
| 179 | 18.8 | 12.6 | 19.0 |

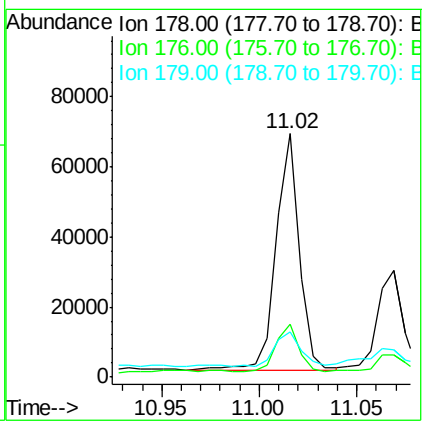


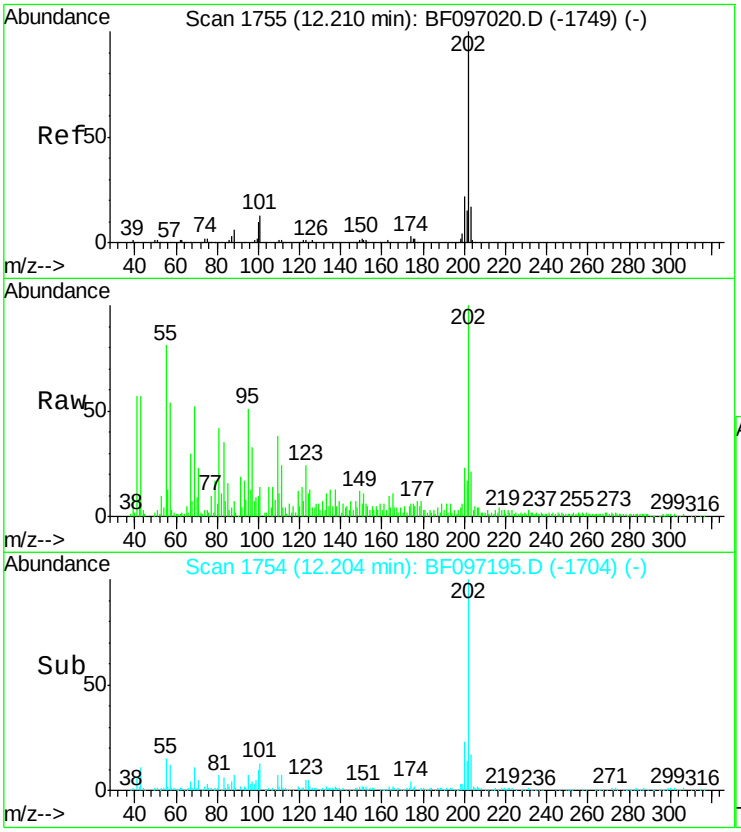




#71
Anthracene
Concen: 4.70 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.06 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:178 Resp: 55781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.7 | 15.8 | 23.8 |
| 179 | 18.8 | 12.7 | 19.1 |



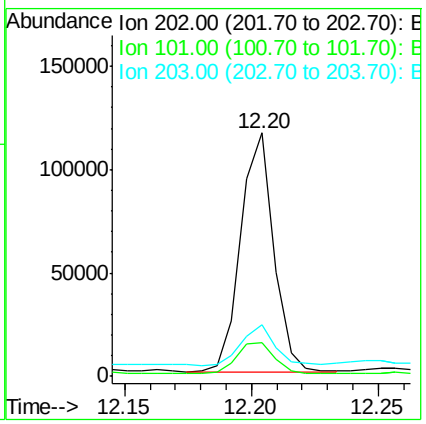


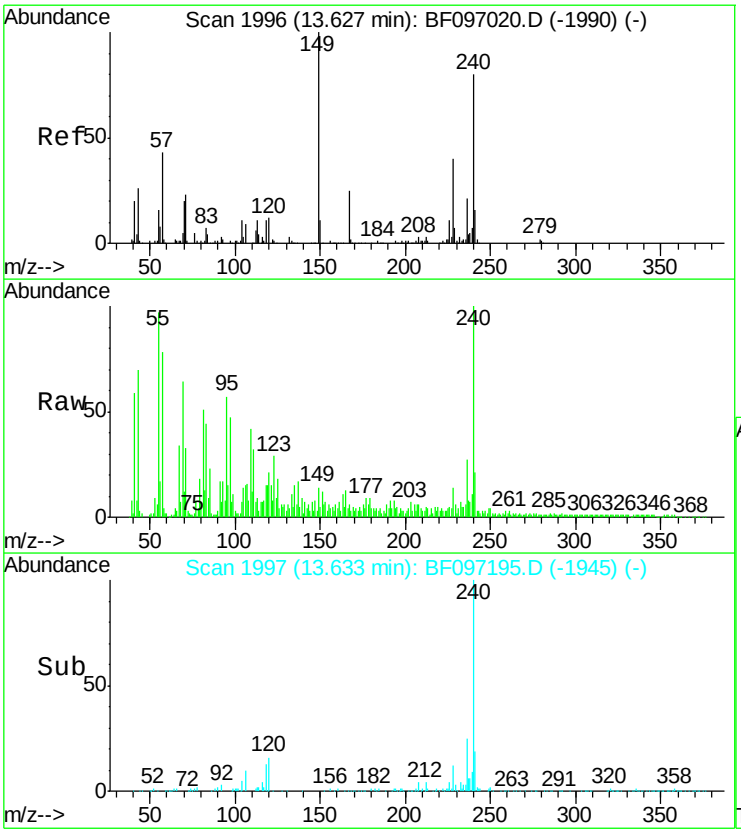

#74
Fluoranthene
Concen: 9.27 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:202 Resp: 105229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.7 | 0.0 | 33.2 |
| 203 | 21.3 | 0.0 | 38.1 |

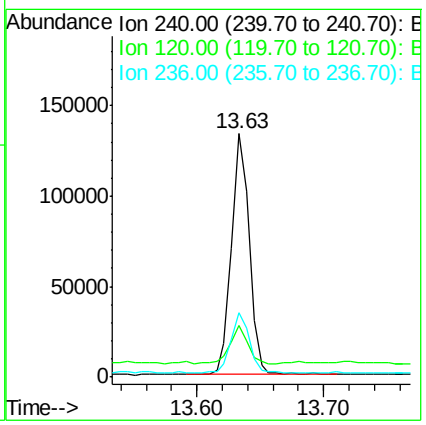


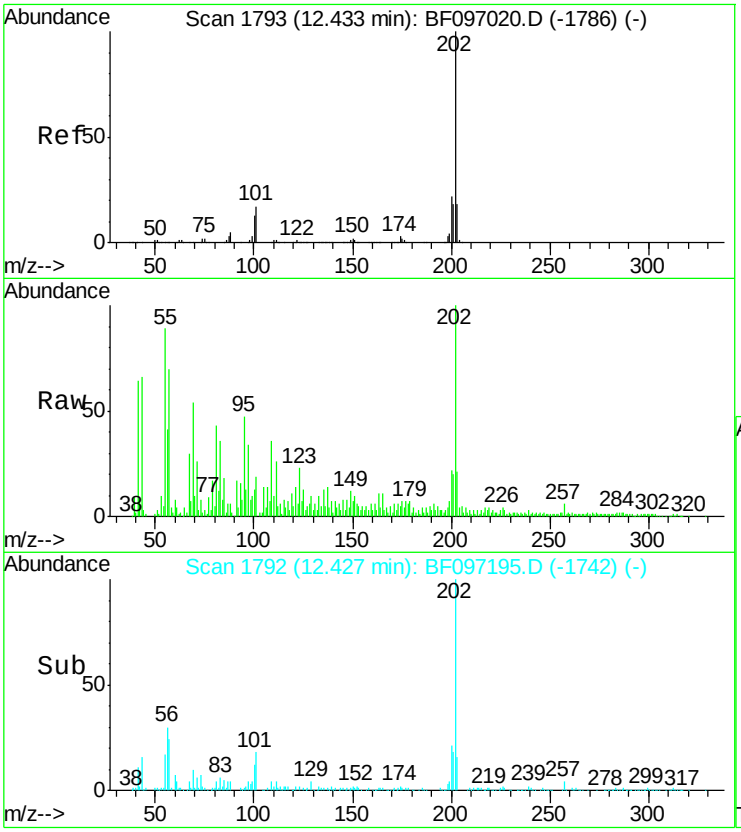




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:240 Resp: 128905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 21.1 | 5.8 | 8.8# |
| 236 | 26.7 | 20.5 | 30.7 |



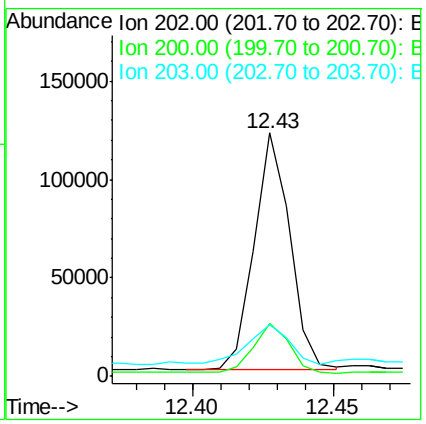


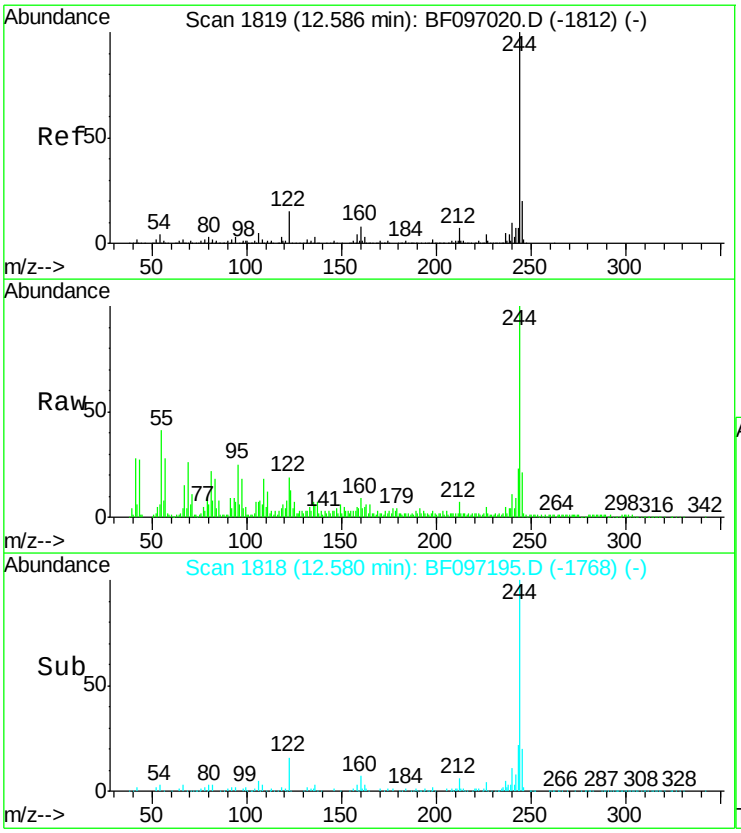

#77
Pyrene
Concen: 10.07 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:202 Resp: 106280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.6 | 26.4 |
| 203 | 21.3 | 14.4 | 21.6 |

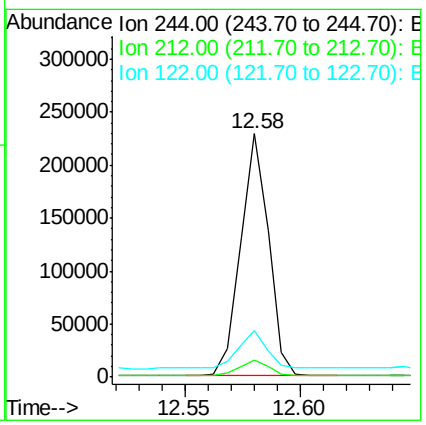


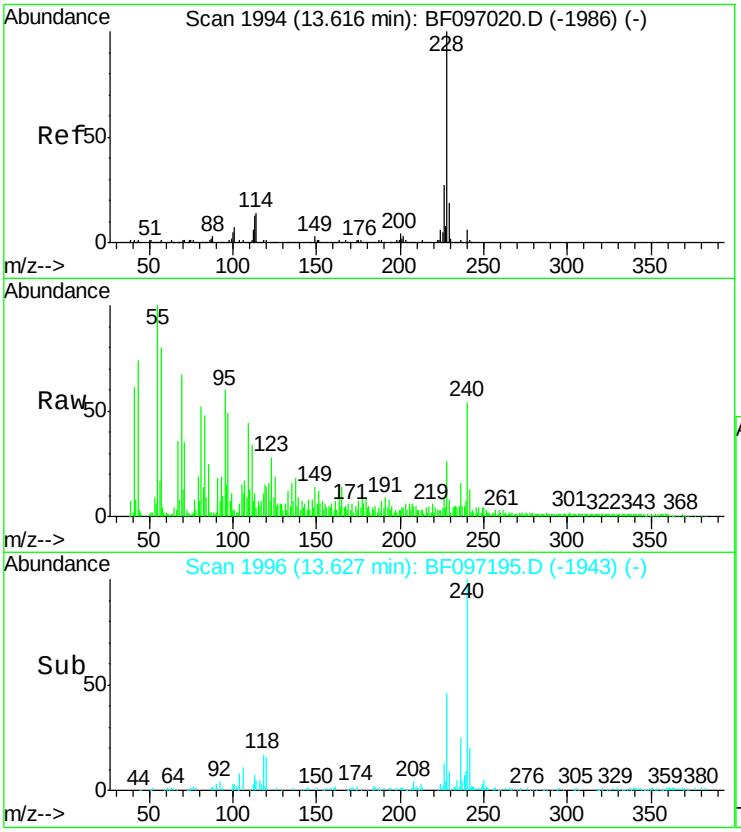




#78
Terphenyl-d14
Concen: 30.90 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:244 Resp: 195352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 6.0 | 9.0 |
| 122 | 19.1 | 10.3 | 15.5# |



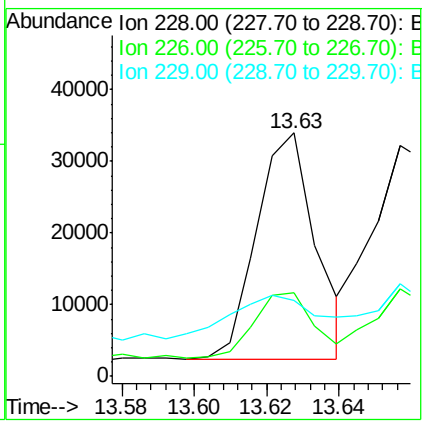


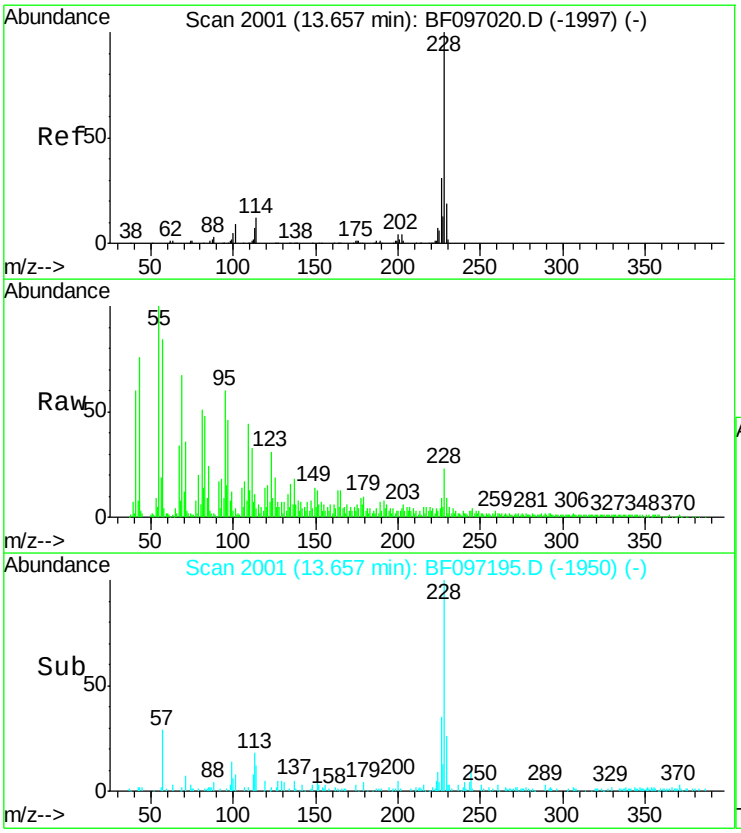

#80
Benzo(a)anthracene
Concen: 4.30 ng
RT: 13.63 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:228 Resp: 35867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.5 | 22.6 | 33.8# |
| 229 | 31.3 | 16.3 | 24.5# |

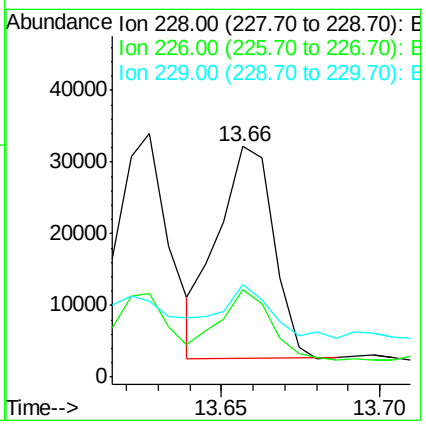


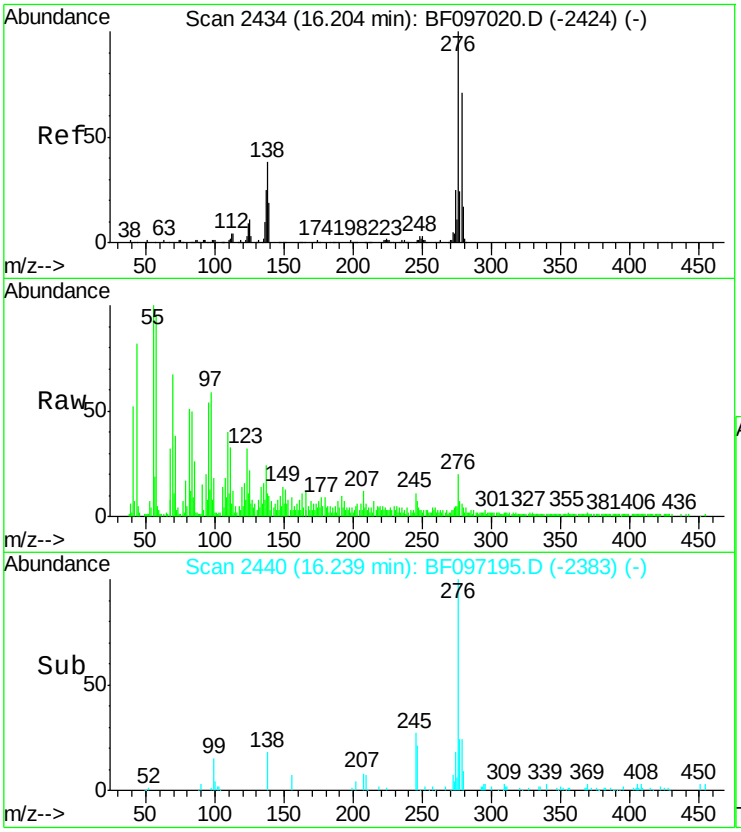




#82
Chrysene
Concen: 4.43 ng
RT: 13.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:228 Resp: 36061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.2 | 24.9 | 37.3# |
| 229 | 40.3 | 15.8 | 23.6# |



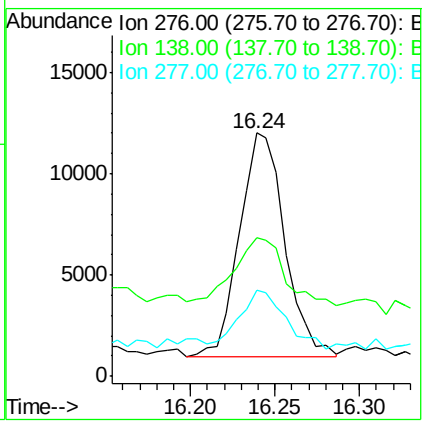


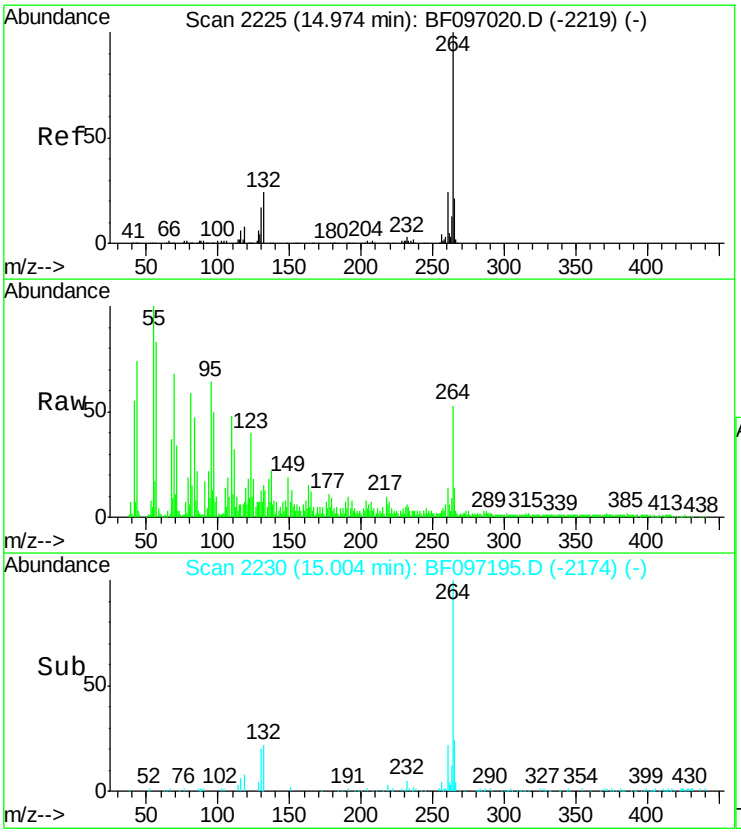

#85
Indeno(1,2,3-cd)pyrene
Concen: 2.94 ng
RT: 16.24 min Scan# 2440
Delta R.T. 0.04 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:276 Resp: 20539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 36.7 | 27.8 | 41.6 |
| 277 | 23.0 | 20.2 | 30.4 |

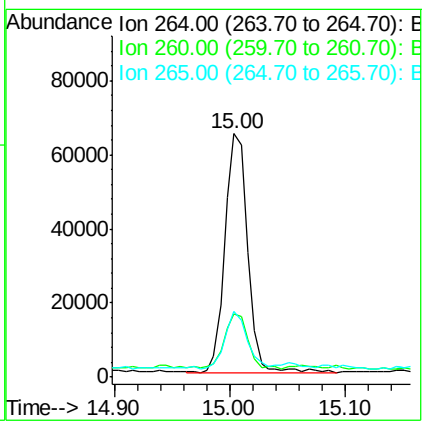


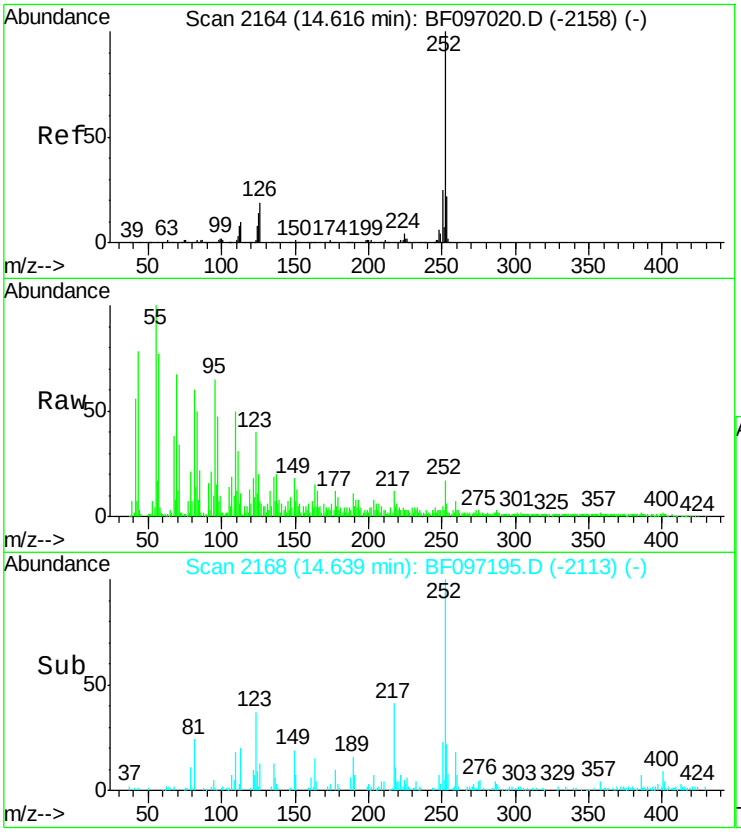




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 2230
Delta R.T. 0.03 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:264 Resp: 87657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.1 | 19.5 | 29.3 |
| 265 | 26.8 | 17.2 | 25.8# |



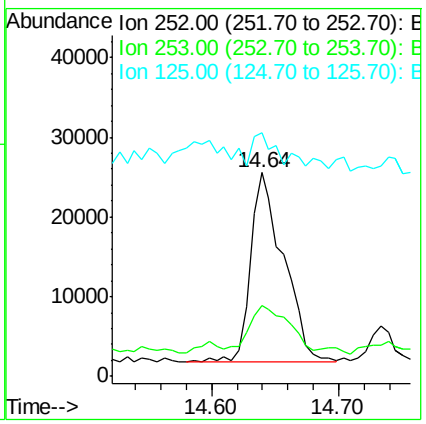


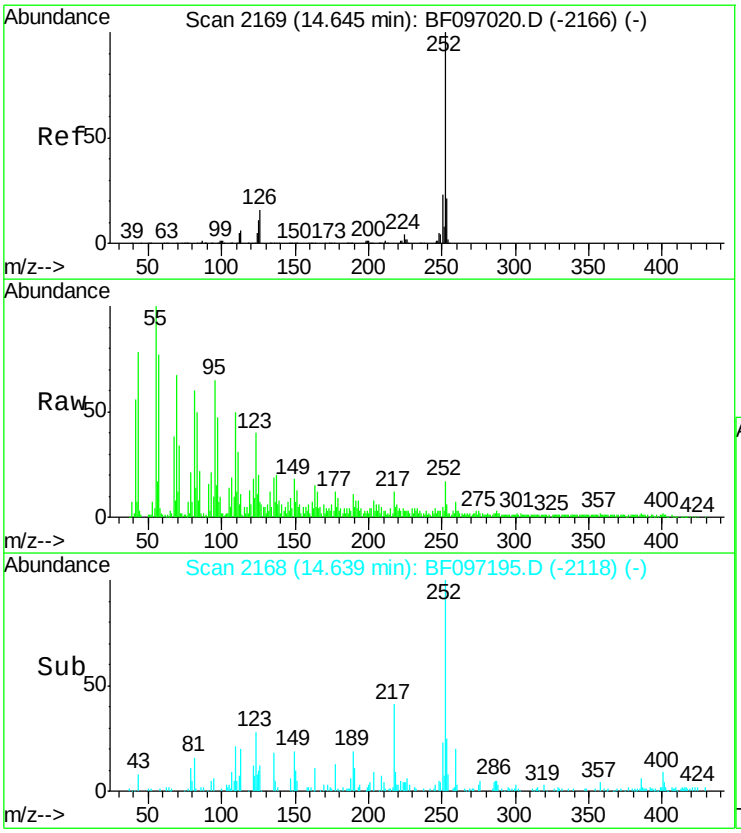

#87
Benzo(b)fluoranthene
Concen: 8.06 ng
RT: 14.64 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:252 Resp: 42471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.8 | 18.1 | 27.1# |
| 125 | 119.5 | 9.8 | 14.8# |

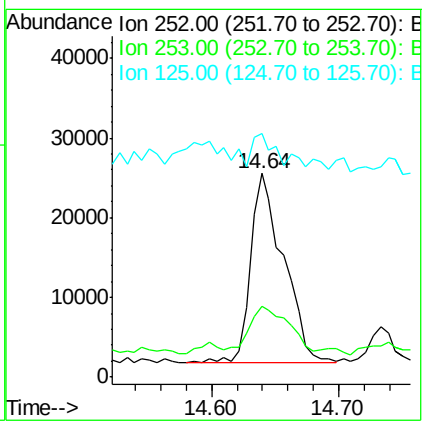


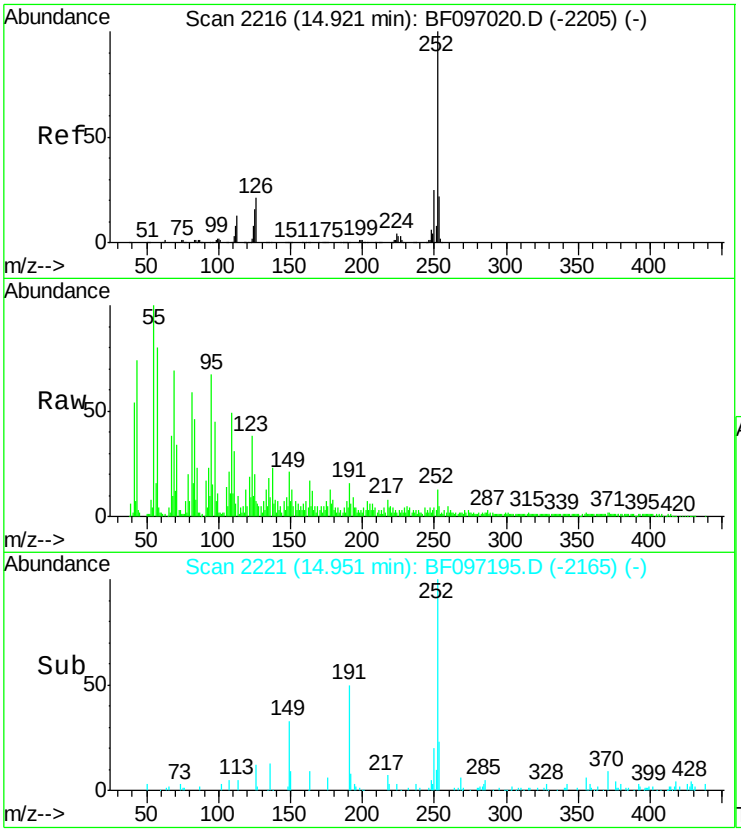




#88
Benzo(k)fluoranthene
Concen: 8.46 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:252 Resp: 42471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.8 | 18.4 | 27.6# |
| 125 | 119.5 | 13.1 | 19.7# |



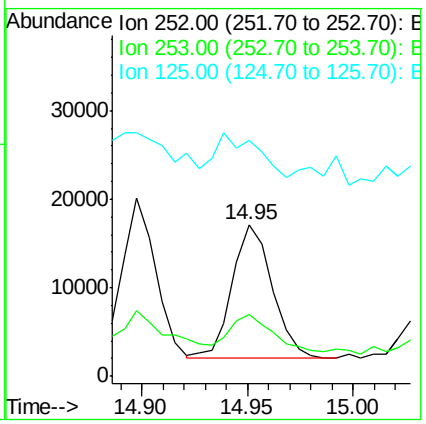


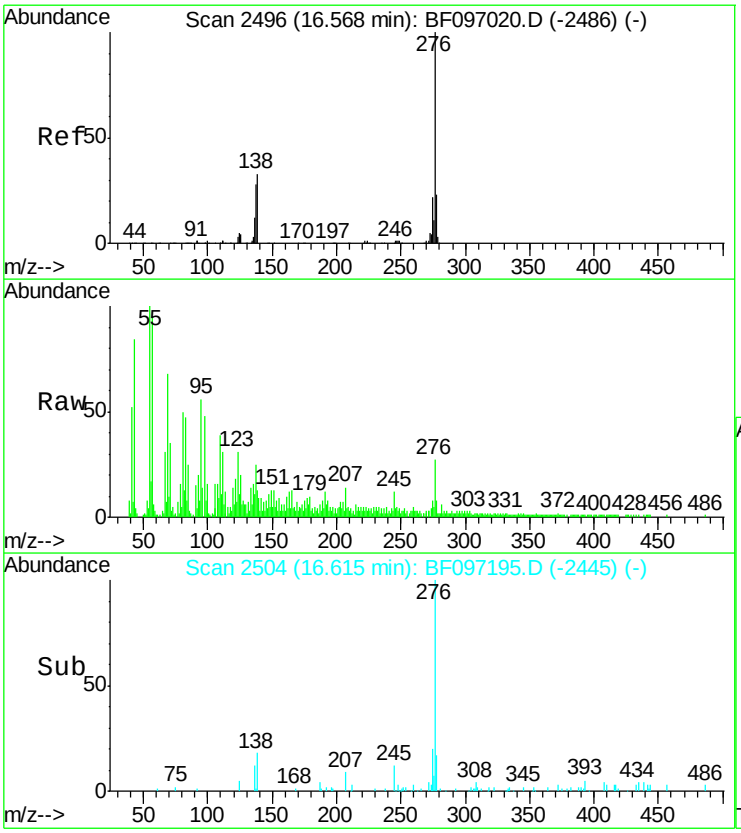

#89
Benzo(a)pyrene
Concen: 4.10 ng
RT: 14.95 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

**Instrument :**
BNA_F
**ClientSampleId :**
E2-M6-ESW

Tgt Ion:252 Resp: 19795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 40.9 | 17.5 | 26.3# |
| 125 | 156.1 | 11.0 | 16.4# |




#91
Benzo(g,h,i)perylene
Concen: 5.97 ng
RT: 16.62 min Scan# 2504
Delta R.T. 0.05 min
Lab File: BF097195.D
Acq: 29 Jul 2017 10:56

Tgt Ion:276 Resp: 24756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 28.1 | 18.6 | 28.0# |
| 138 | 47.1 | 25.4 | 38.0# |