Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-106-0.5-5.0

Quant Time: Nov 04 23:25:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 233576 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.98 | 136 | 956295 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.74 | 164 | 483323 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 701035 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.86 | 240 | 501012 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.25 | 264 | 478024 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 993860 | 70.27 | ng | | 0.01 |
| 7) Phenol-d6 | 6.36 | 99 | 2427807 | 126.47 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 1727766 | 98.56 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 98297 | 22.50 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 2083892 | 74.23 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.81 | 244 | 1754680 | 87.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.48 | 77 | 37882 | 3.56 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 245984 | 18.49 | ng | # | 76 |
| 32) Benzoic acid | 7.79 | 122 | 893 | 5.15 | ng | # | 39 |
| 49) Dimethylphthalate | 9.47 | 163 | 975818 | 30.79 | ng | | 99 |
| 51) Acenaphthene | 9.77 | 154 | 82762 | 3.16 | ng | | 99 |
| 55) 4-Nitrophenol | 9.94 | 139 | 30431 | 11.00 | ng | # | 6 |
| 56) 2,4-Dinitrotoluene | 9.74 | 165 | 65259 | 7.55 | ng | # | 26 |
| 57) Fluorene | 10.28 | 166 | 104156 | 3.61 | ng | | 98 |
| 70) Phenanthrene | 11.25 | 178 | 1733324 | 46.51 | ng | | 100 |
| 71) Anthracene | 11.30 | 178 | 468715 | 11.83 | ng | | 99 |
| 72) Carbazole | 11.46 | 167 | 165731 | 4.64 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.80 | 149 | 2155989 | 48.01 | ng | | 99 |
| 74) Fluoranthene | 12.44 | 202 | 2200567 | 56.94 | ng | | 91 |
| 77) Pyrene | 12.66 | 202 | 1692066 | 51.57 | ng | | 97 |
| 80) Benzo(a)anthracene | 13.85 | 228 | 838813 | 29.49 | ng | | 99 |
| 82) Chrysene | 13.88 | 228 | 588720 | 20.99 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149 | 472912 | 22.27 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.57 | 276 | 309257 | 13.29 | ng | | 94 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 1150025 | 35.47 | ng | # | 94 |
| 88) Benzo(k)fluoranthene | 14.87 | 252 | 1150025 | 40.44 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.20 | 252 | 517507 | 18.34 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 16.57 | 278 | 97599 | 4.00 | ng | # | 80 |
| 91) Benzo(g,h,i)perylene | 16.96 | 276 | 255954 | 11.60 | ng | | 99 |

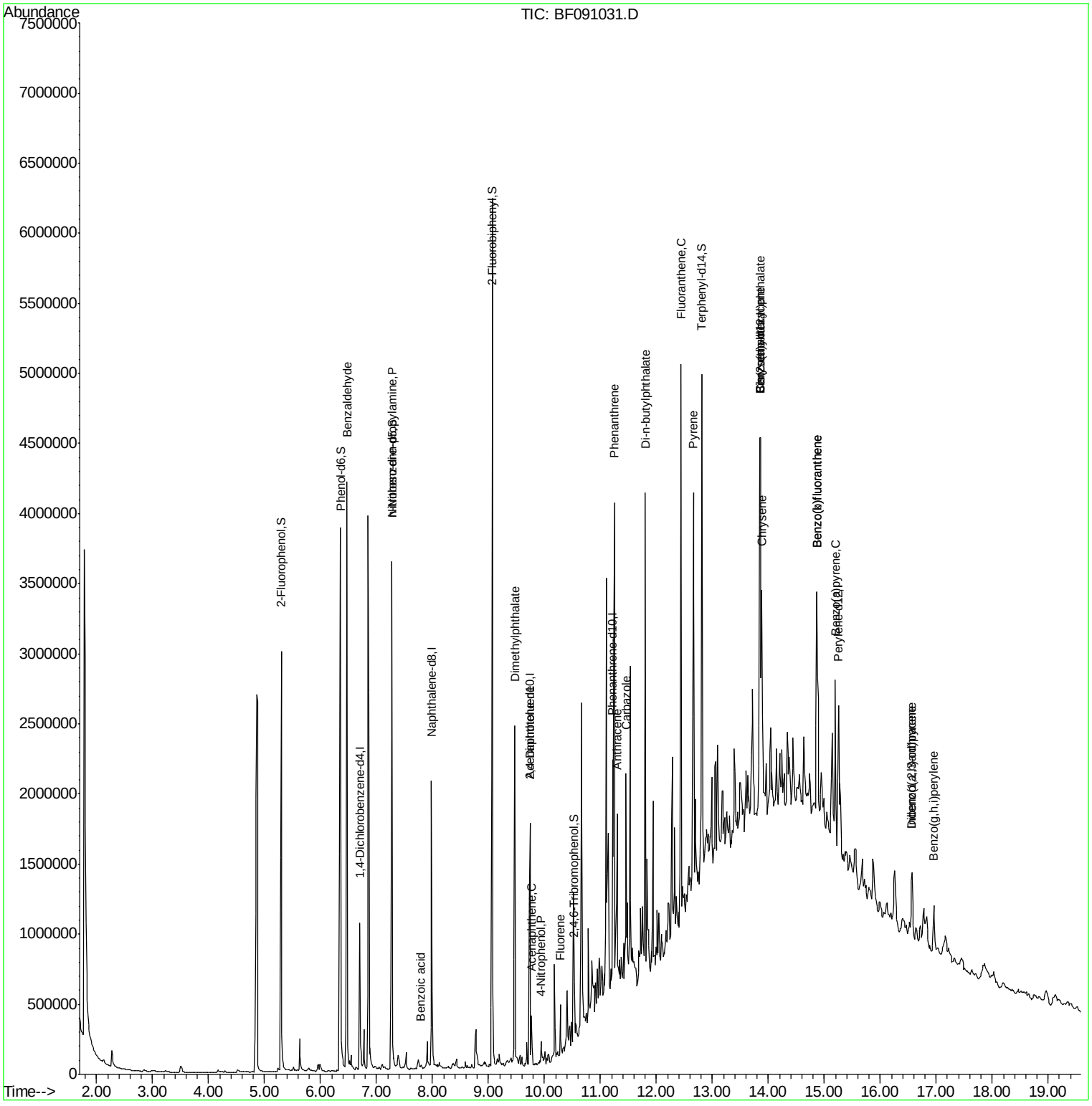
(#) = qualifier out of range (m) = manual integration (+) = signals summed

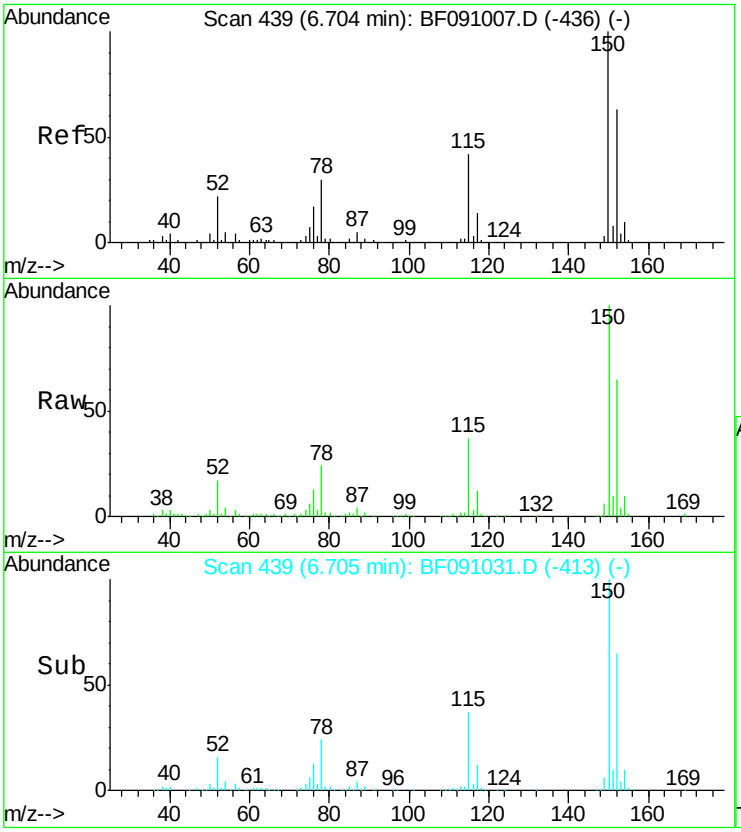
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091031.D
Acq On : 4 Nov 2016 20:12
Operator : UM/SJ
Sample : H5526-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Quant Time: Nov 04 23:25:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration



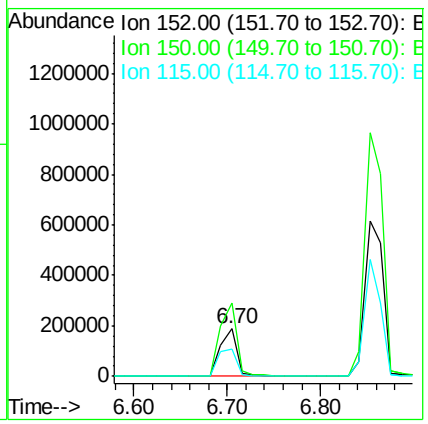


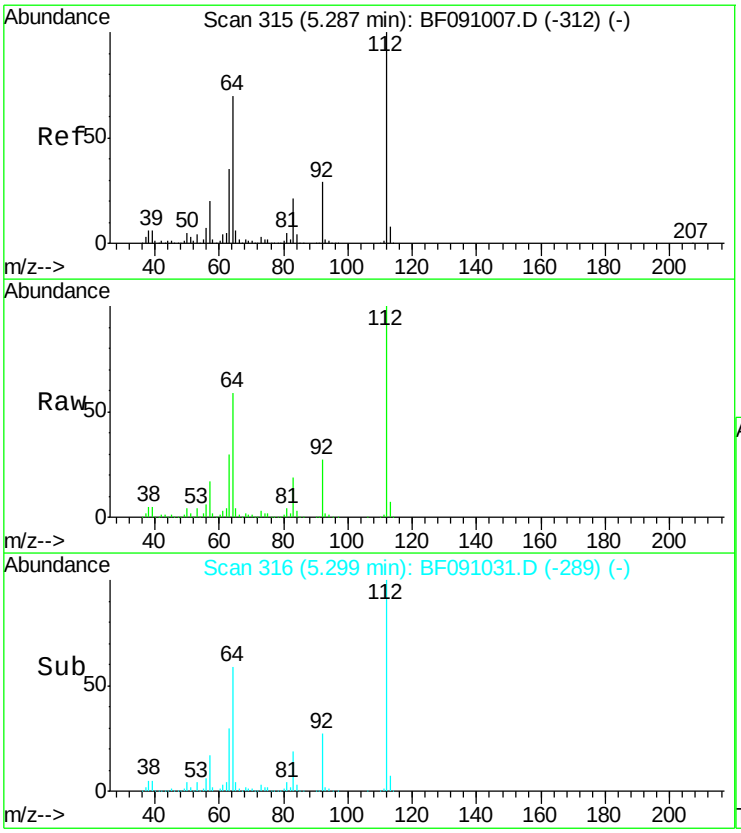

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:152 Resp: 233576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.3 | 126.8 | 190.2 |
| 115 | 57.5 | 53.3 | 79.9 |

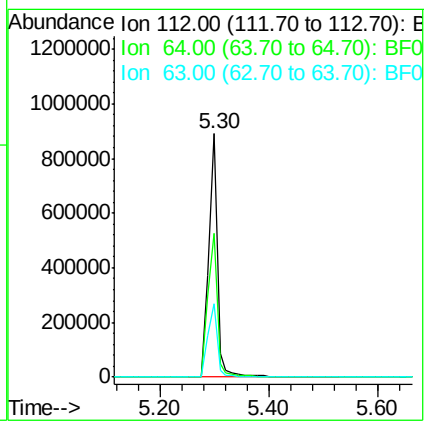


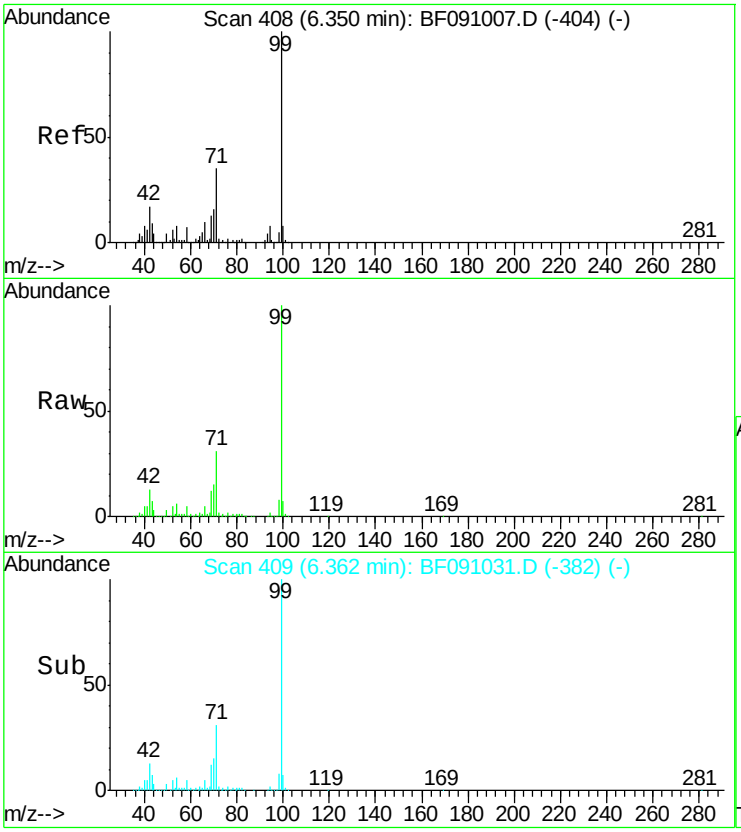




#5
2-Fluorophenol
Concen: 70.27 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:112 Resp: 993860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 55.8 | 83.6 |
| 63 | 30.0 | 28.0 | 42.0 |



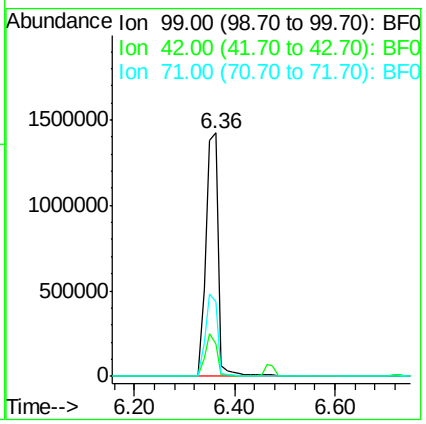


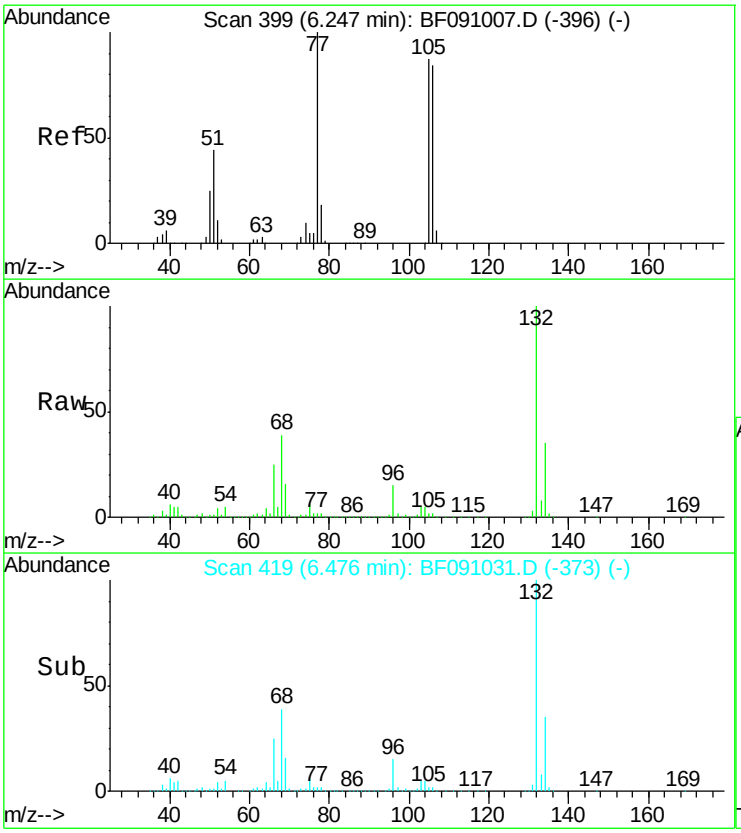

#7
Phenol-d6
Concen: 126.47 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion: 99 Resp: 2427807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.1 | 13.9 | 20.9# |
| 71 | 30.5 | 27.8 | 41.8 |

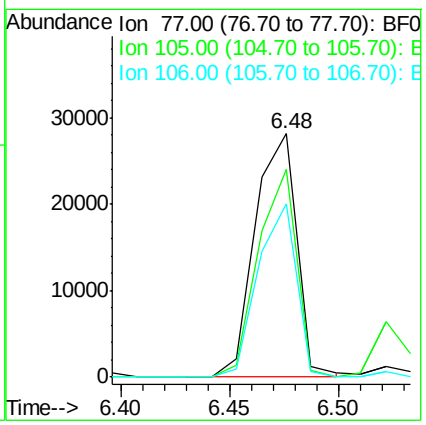


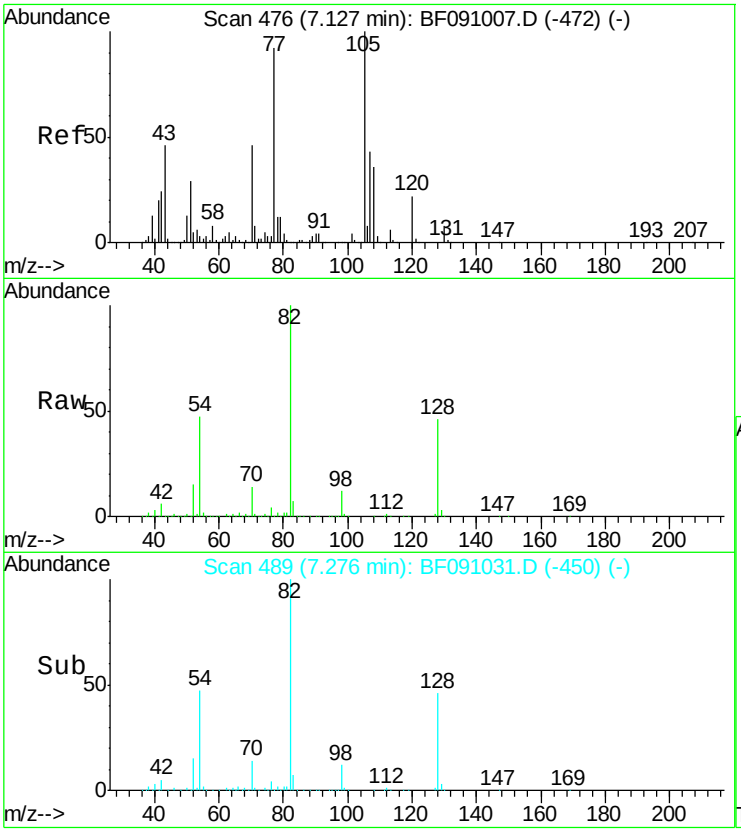




#9
Benzaldehyde
Concen: 3.56 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion: 77 Resp: 37882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 85.6 | 66.8 | 106.8 |
| 106 | 71.0 | 64.0 | 104.0 |



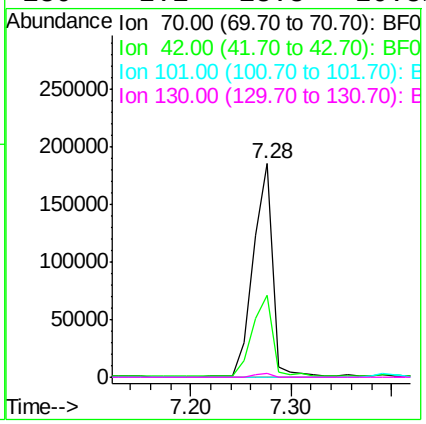


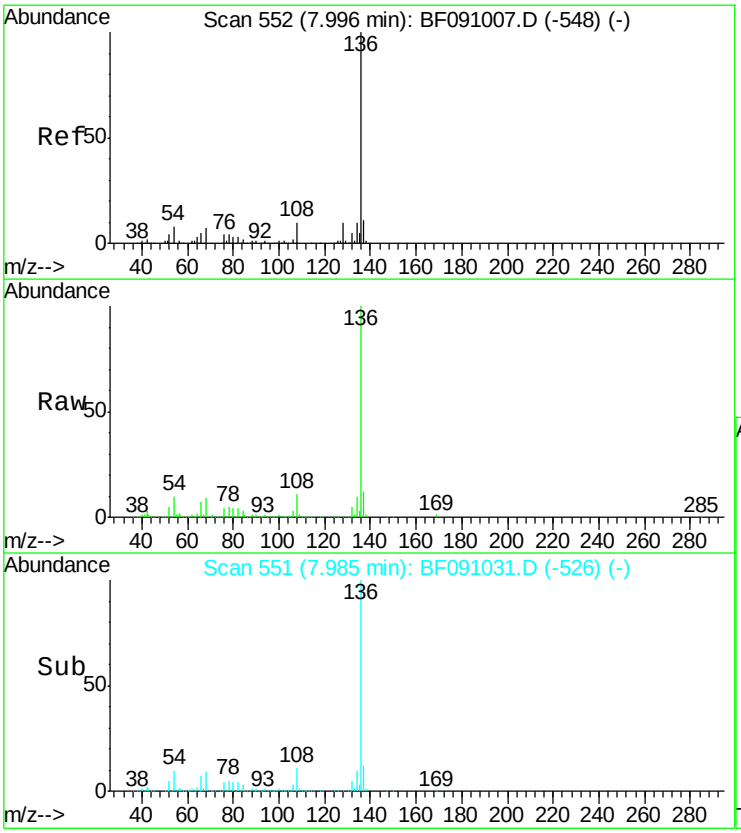

#19
n-Nitroso-di-n-propylamine
Concen: 18.49 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.15 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion: 70 Resp: 245984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.2 | 41.7 | 62.5# |
| 101 | 0.0 | 6.7 | 10.1# |
| 130 | 2.1 | 13.8 | 20.8# |

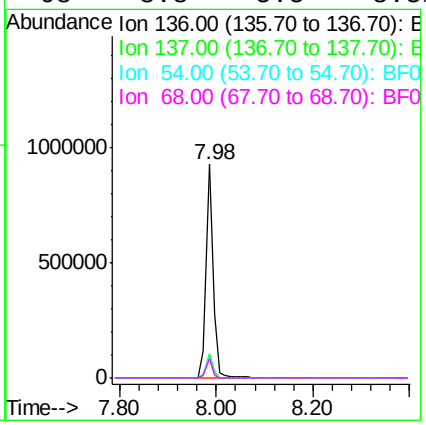


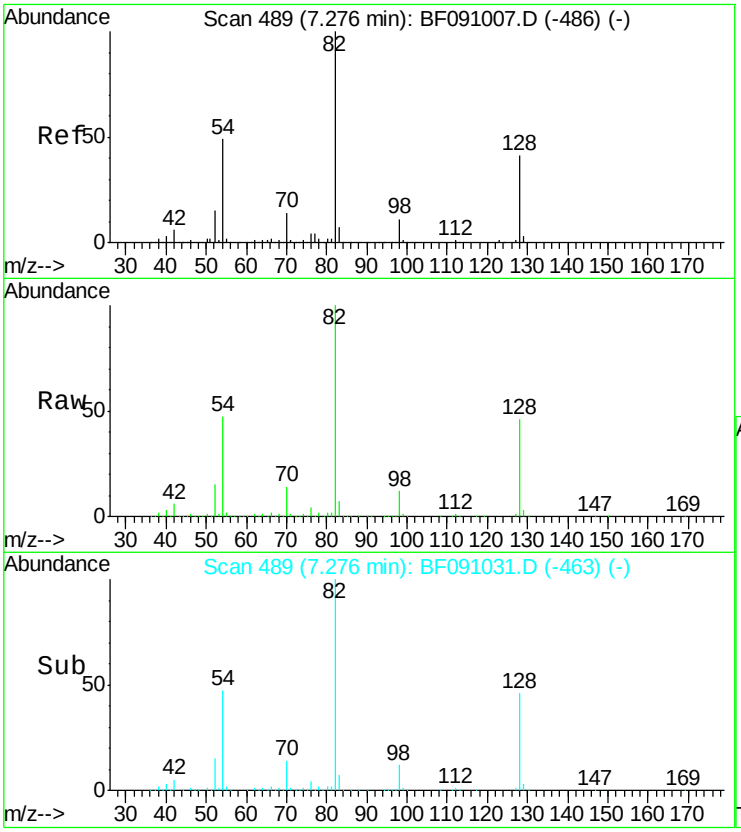




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:136 Resp: 956295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.9 | 13.3 |
| 54 | 10.1 | 6.2 | 9.2# |
| 68 | 8.8 | 5.5 | 8.3# |



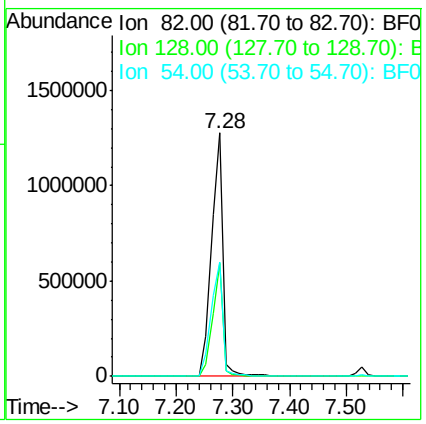


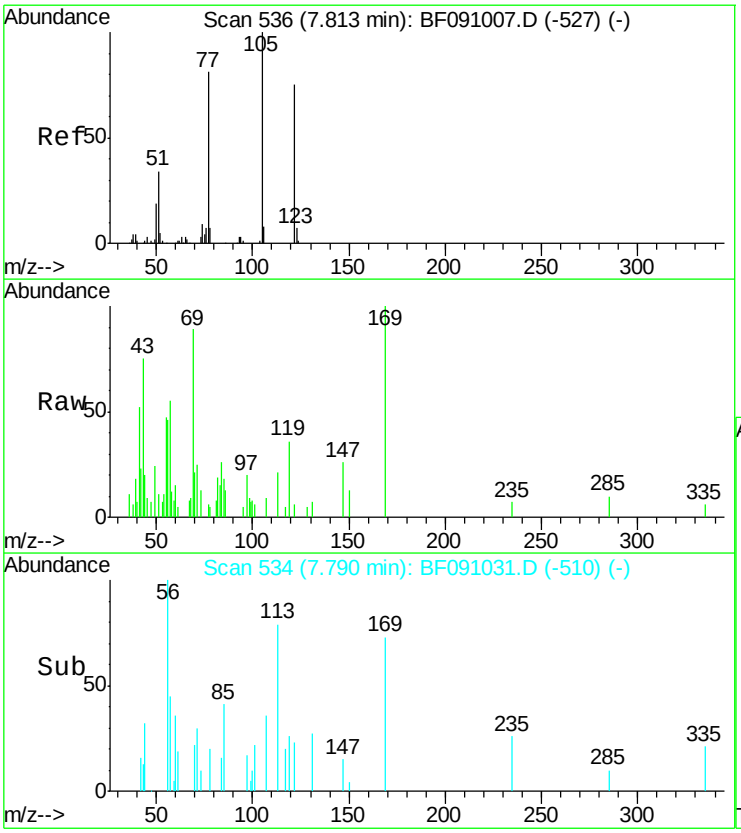

#23
Nitrobenzene-d5
Concen: 98.56 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion: 82 Resp: 1727766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.2 | 32.4 | 48.6 |
| 54 | 46.8 | 39.2 | 58.8 |

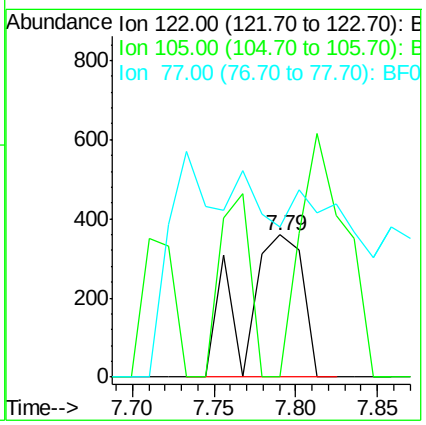


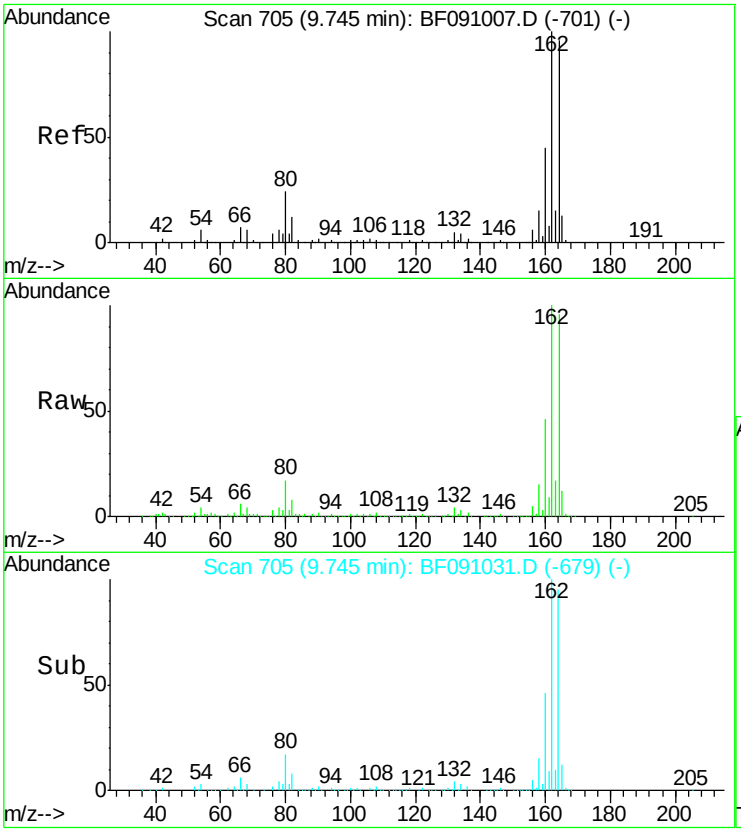




#32
Benzoic acid
Concen: 5.15 ng
RT: 7.79 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:122 Resp: 893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 105.9 | 145.9# |
| 77 | 105.3 | 84.0 | 124.0 |



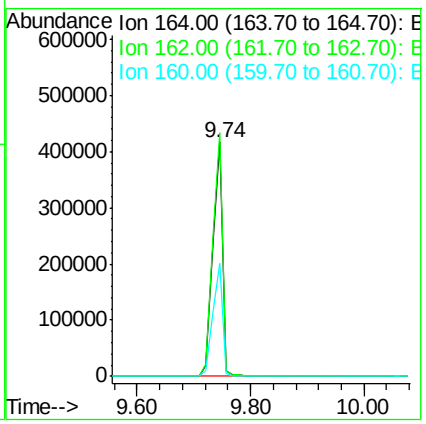


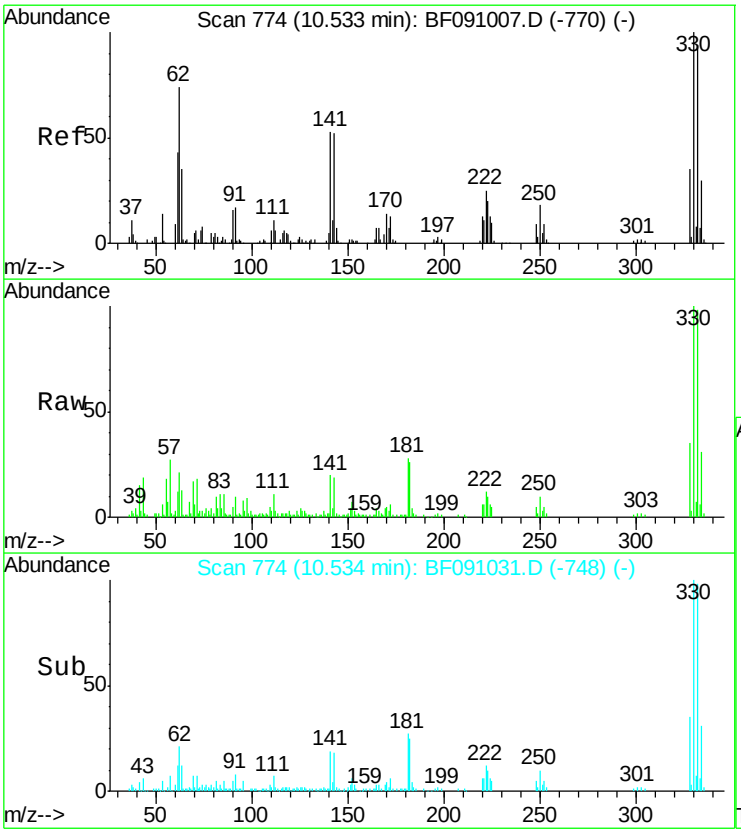

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:164 Resp: 483323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 83.6 | 125.4 |
| 160 | 48.3 | 37.9 | 56.9 |

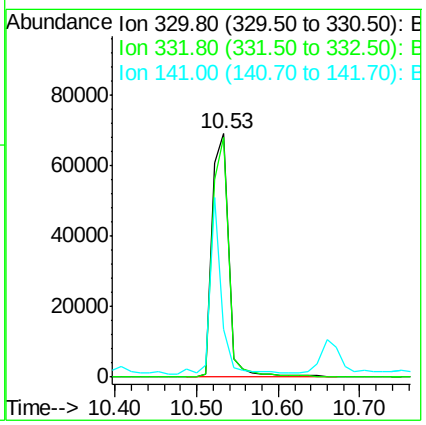


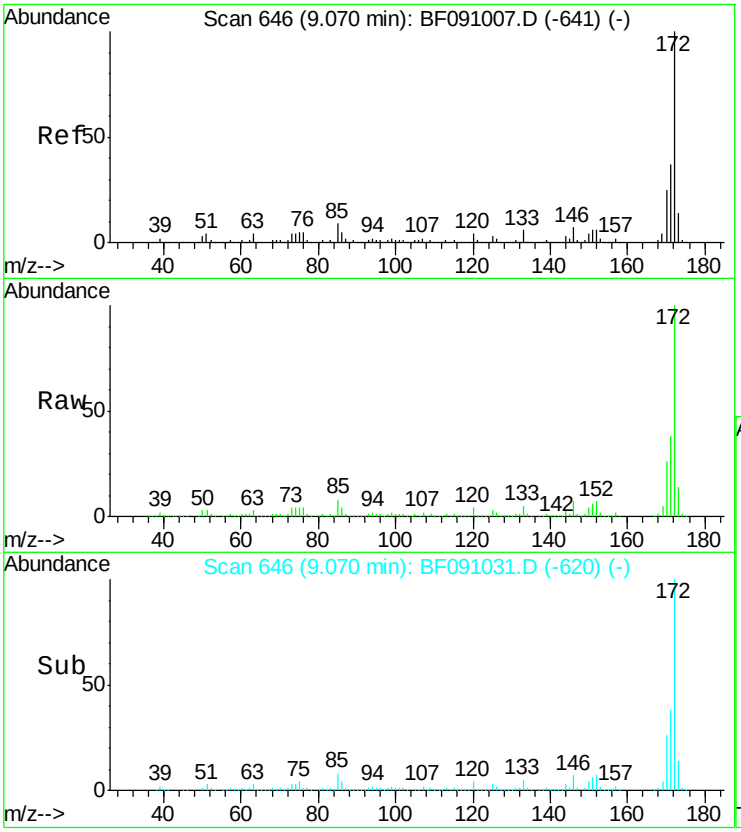




#41
2,4,6-Tribromophenol
Concen: 22.50 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:330 Resp: 98297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 75.9 | 113.9 |
| 141 | 50.9 | 36.1 | 54.1 |



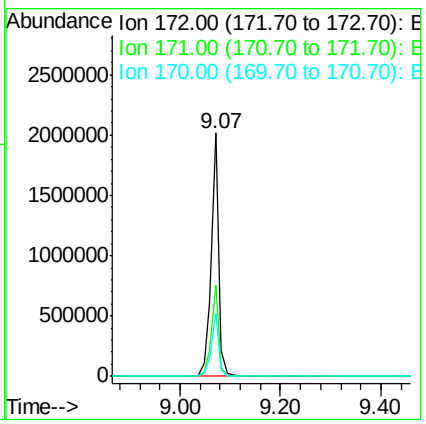


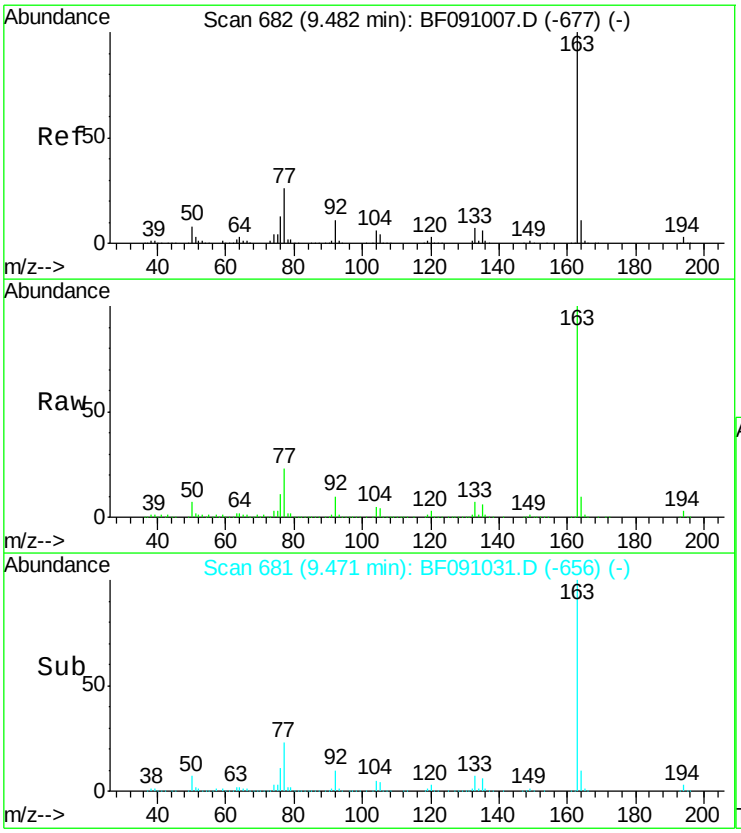

#44
2-Fluorobiphenyl
Concen: 74.23 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:172 Resp: 2083892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.5 | 29.8 | 44.6 |
| 170 | 25.8 | 20.3 | 30.5 |

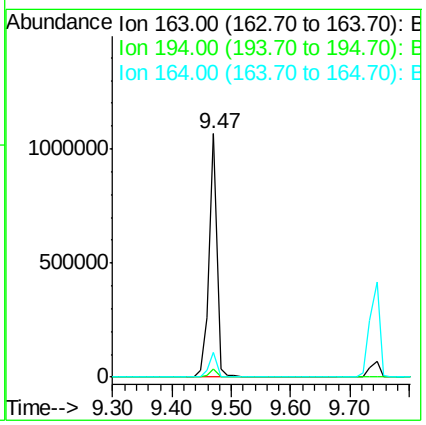


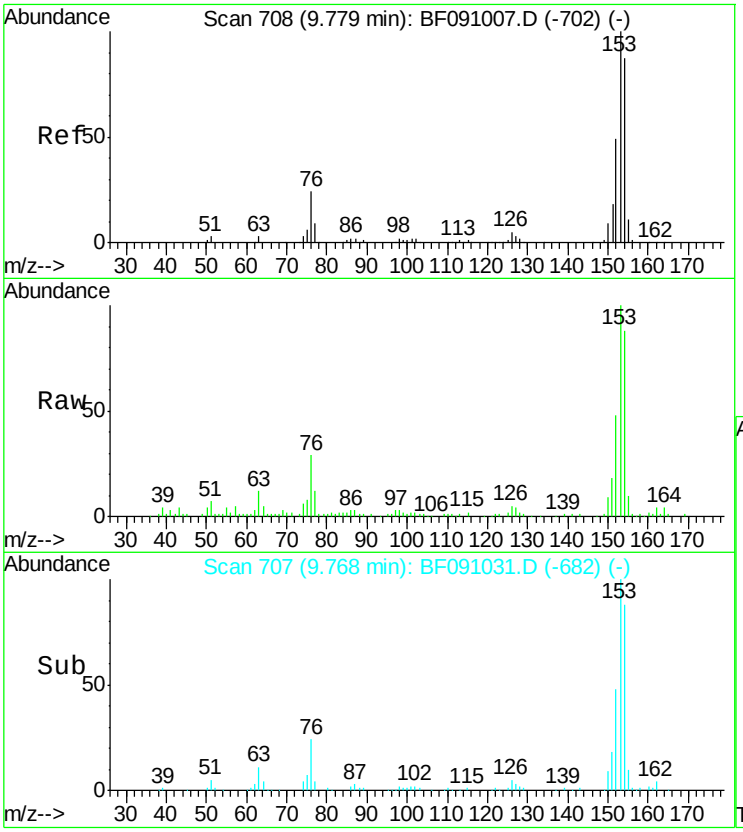




#49
Dimethylphthalate
Concen: 30.79 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:163 Resp: 975818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.6 | 4.0 |
| 164 | 10.4 | 8.7 | 13.1 |



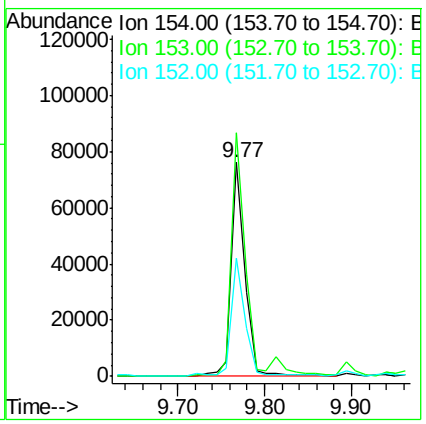


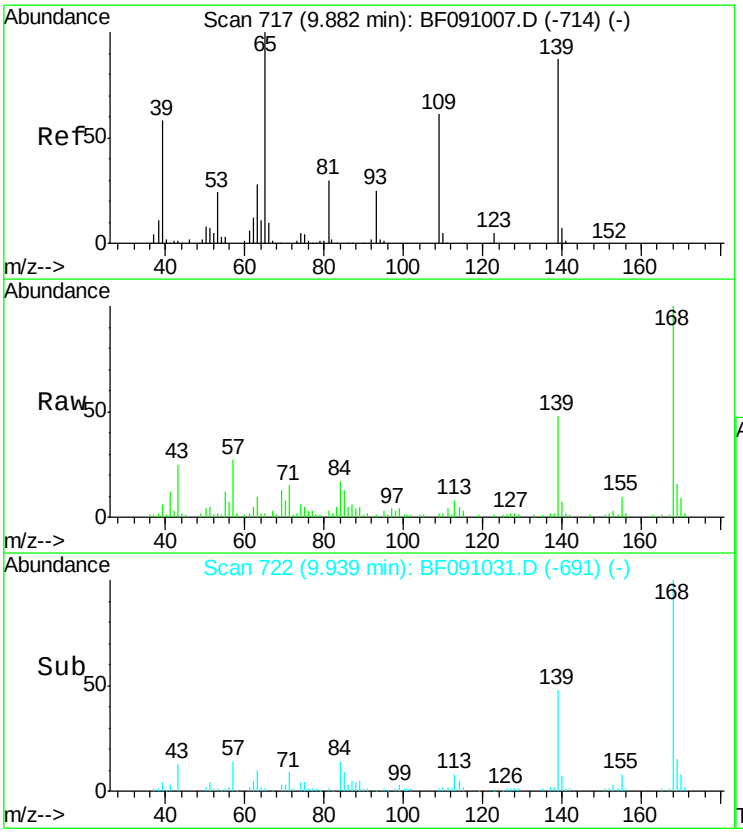

#51
Acenaphthene
Concen: 3.16 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:154 Resp: 82762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.0 | 91.6 | 137.4 |
| 152 | 55.1 | 44.6 | 67.0 |

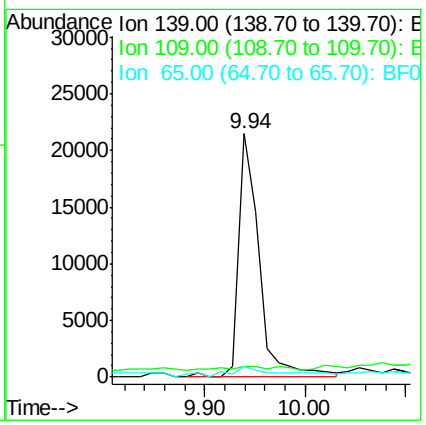


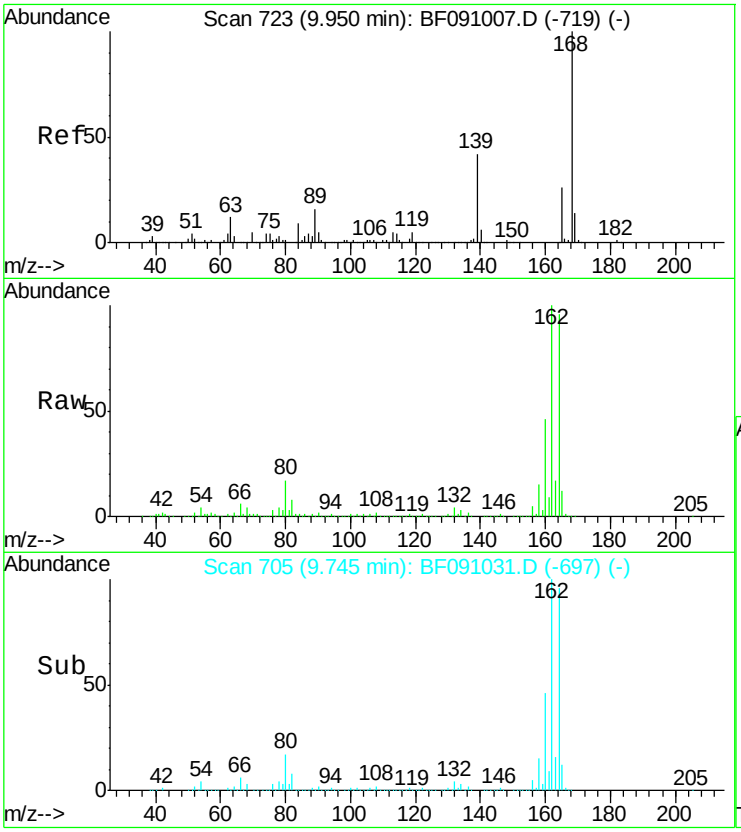




#55
4-Nitrophenol
Concen: 11.00 ng
RT: 9.94 min Scan# 722
Delta R.T. 0.06 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:139 Resp: 30431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 4.6 | 50.5 | 90.5# |
| 65 | 4.5 | 97.1 | 137.1# |



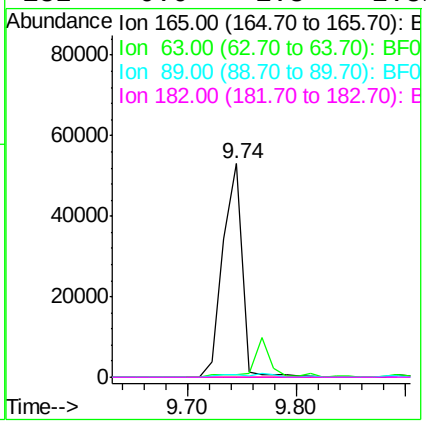


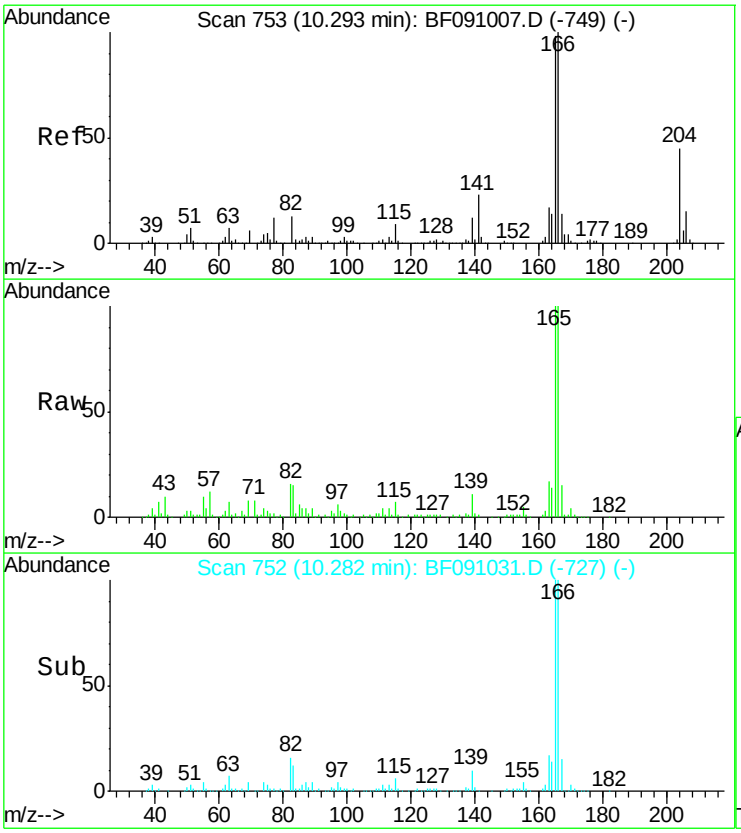

#56
2,4-Dinitrotoluene
Concen: 7.55 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.21 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:165 Resp: 65259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 38.7 | 58.1# |
| 89 | 1.4 | 50.6 | 76.0# |
| 182 | 0.0 | 1.8 | 2.8# |

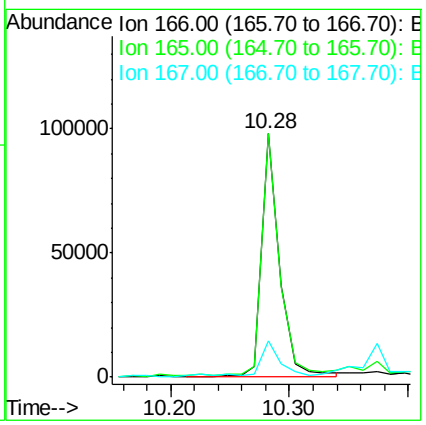


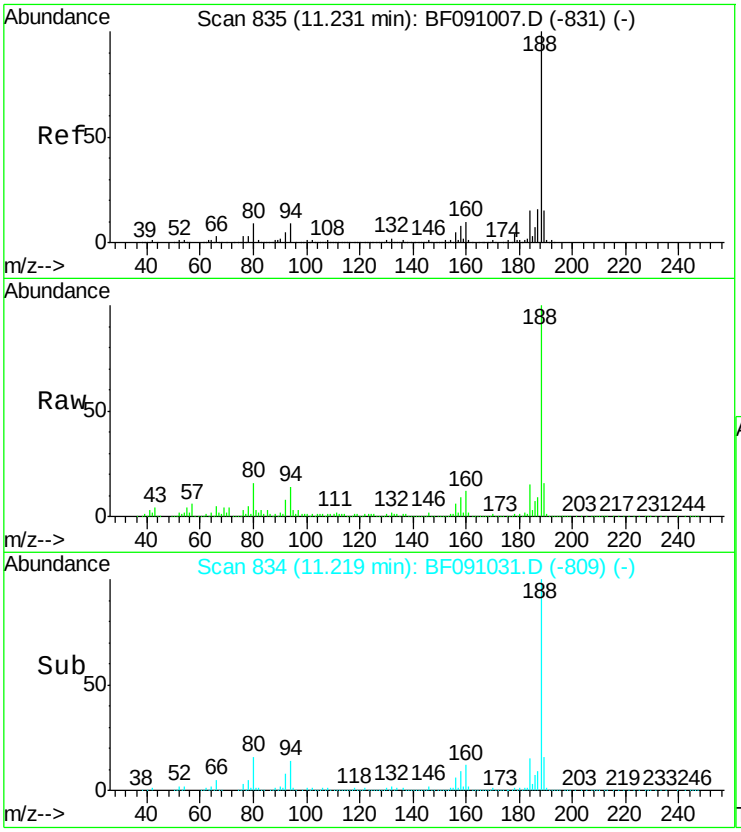




#57
Fluorene
Concen: 3.61 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:166 Resp: 104156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 78.6 | 118.0 |
| 167 | 14.9 | 11.1 | 16.7 |



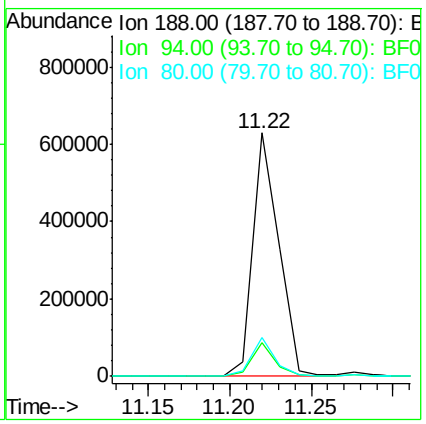


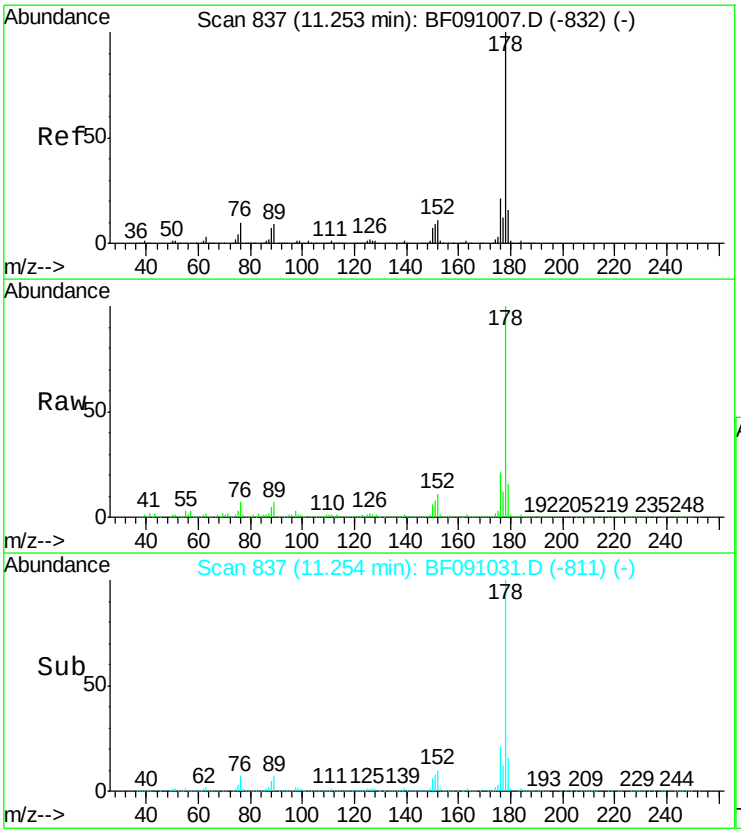

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:188 Resp: 701035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.9 | 7.0 | 10.4# |
| 80 | 16.1 | 7.5 | 11.3# |

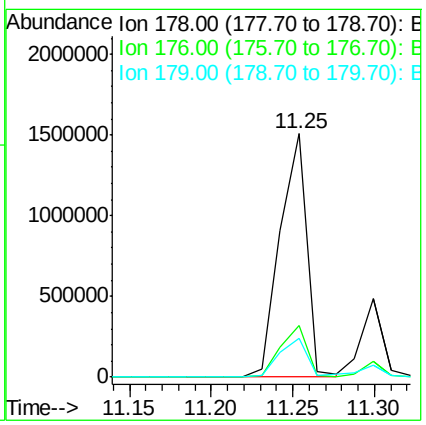


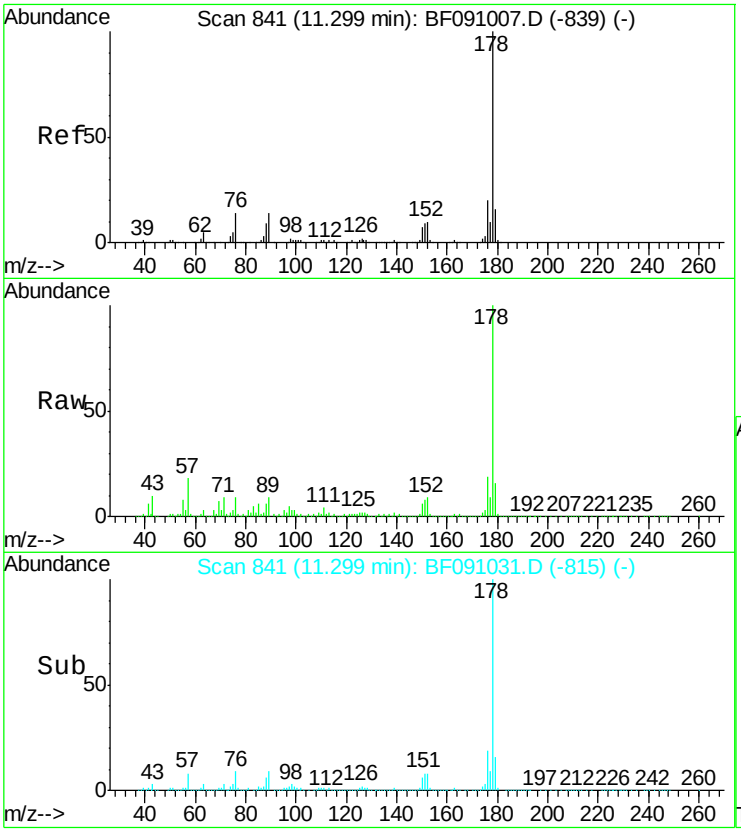




#70
Phenanthrene
Concen: 46.51 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:178 Resp: 1733324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.0 | 16.6 | 25.0 |
| 179 | 16.1 | 12.9 | 19.3 |



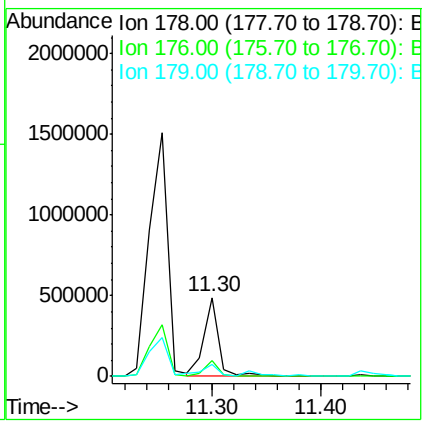


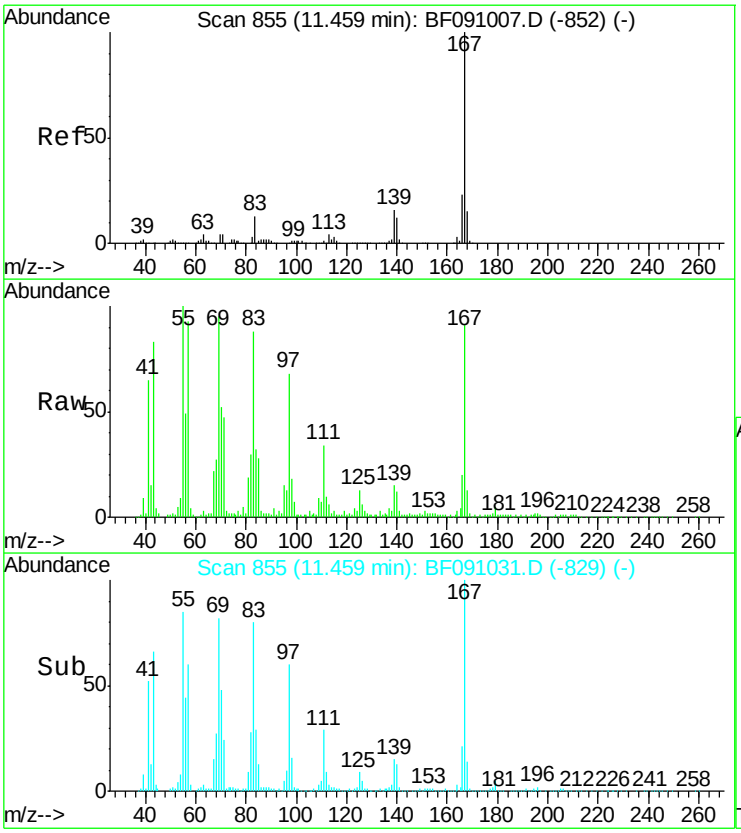

#71
Anthracene
Concen: 11.83 ng
RT: 11.30 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:178 Resp: 468715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 16.0 | 24.0 |
| 179 | 15.9 | 13.0 | 19.6 |

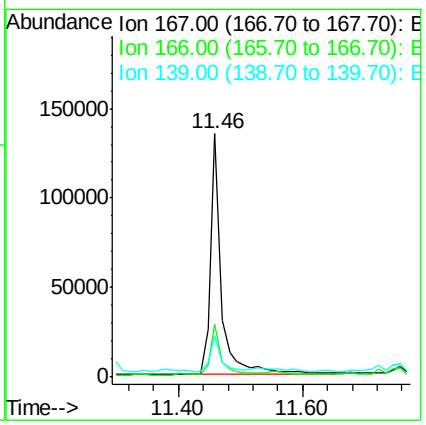


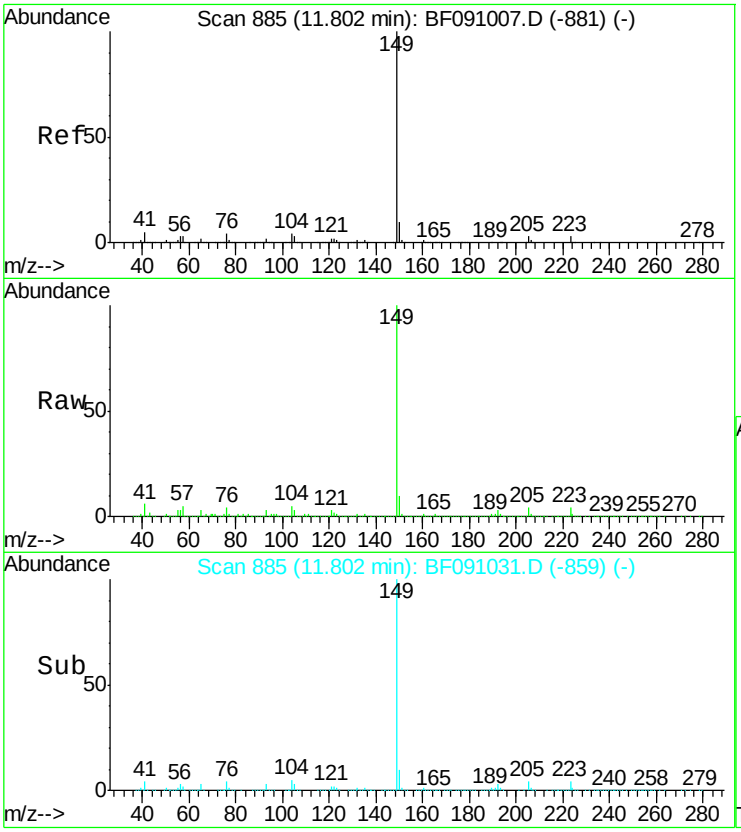




#72
Carbazole
Concen: 4.64 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:167 Resp: 165731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.0 | 27.0 |
| 139 | 16.8 | 12.6 | 18.8 |



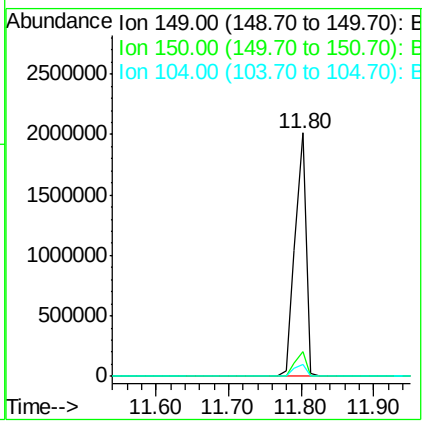


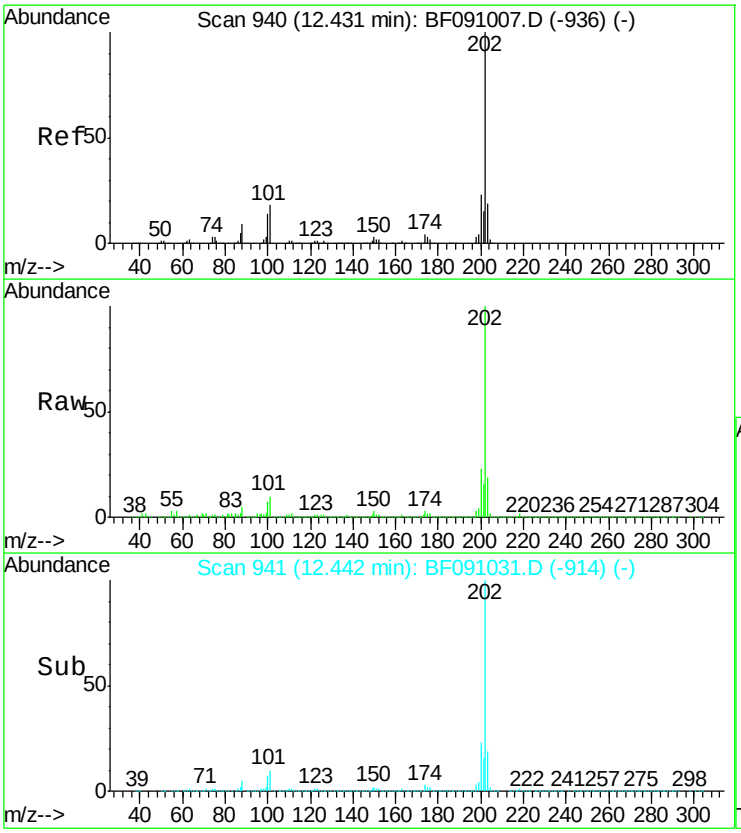

#73
Di-n-butylphthalate
Concen: 48.01 ng
RT: 11.80 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:149 Resp: 2155989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.0 | 7.7 | 11.5 |
| 104 | 4.7 | 3.6 | 5.4 |

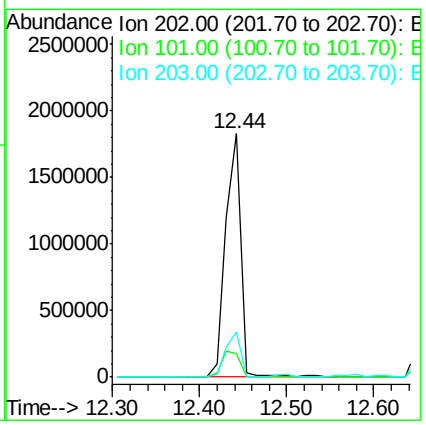


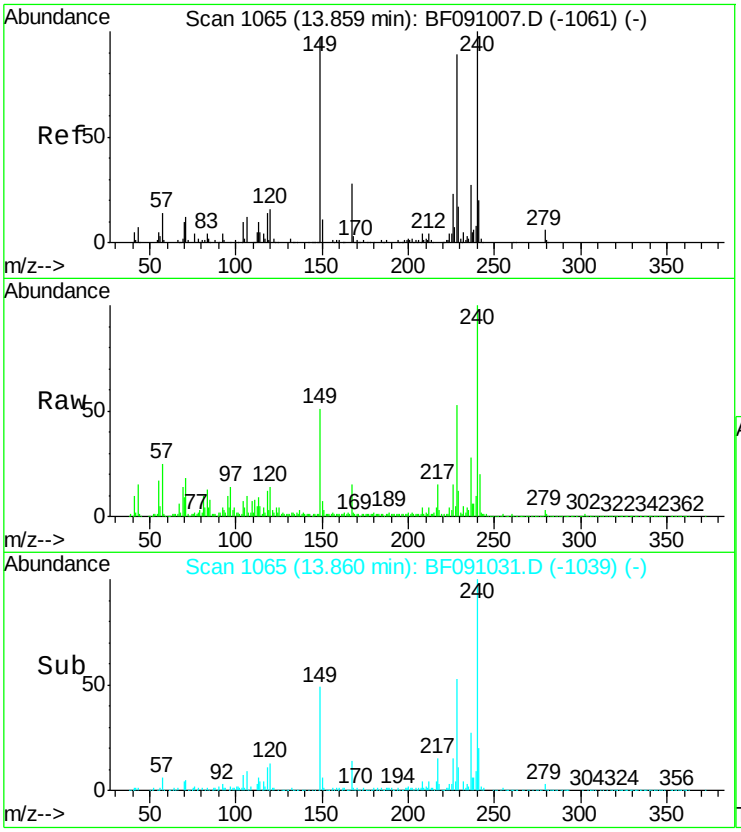




#74
Fluoranthene
Concen: 56.94 ng
RT: 12.44 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:202 Resp: 2200567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 0.0 | 37.6 |
| 203 | 18.7 | 0.0 | 38.6 |



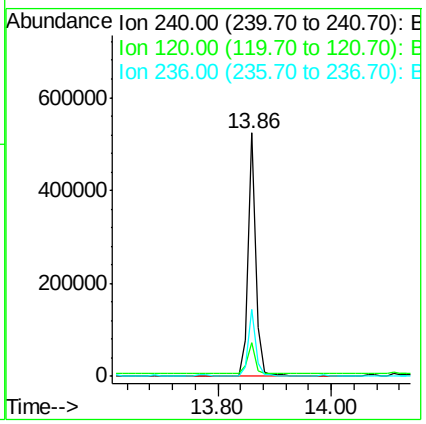


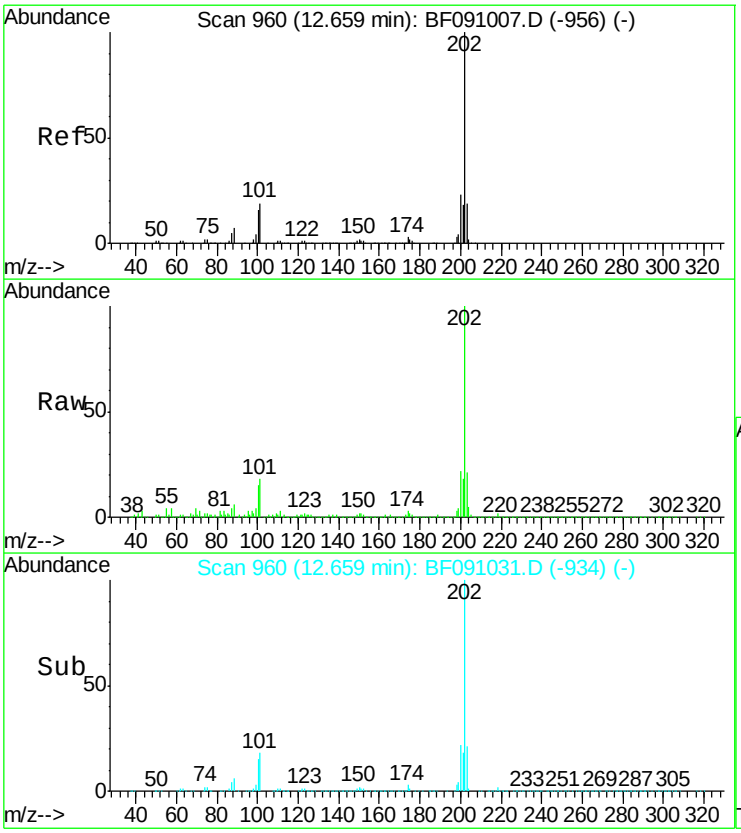

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:240 Resp: 501012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.0 | 12.9 | 19.3 |
| 236 | 27.5 | 21.9 | 32.9 |

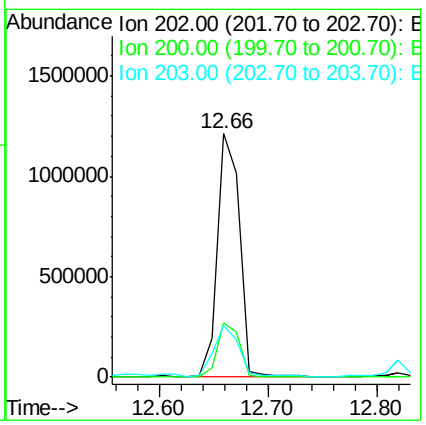


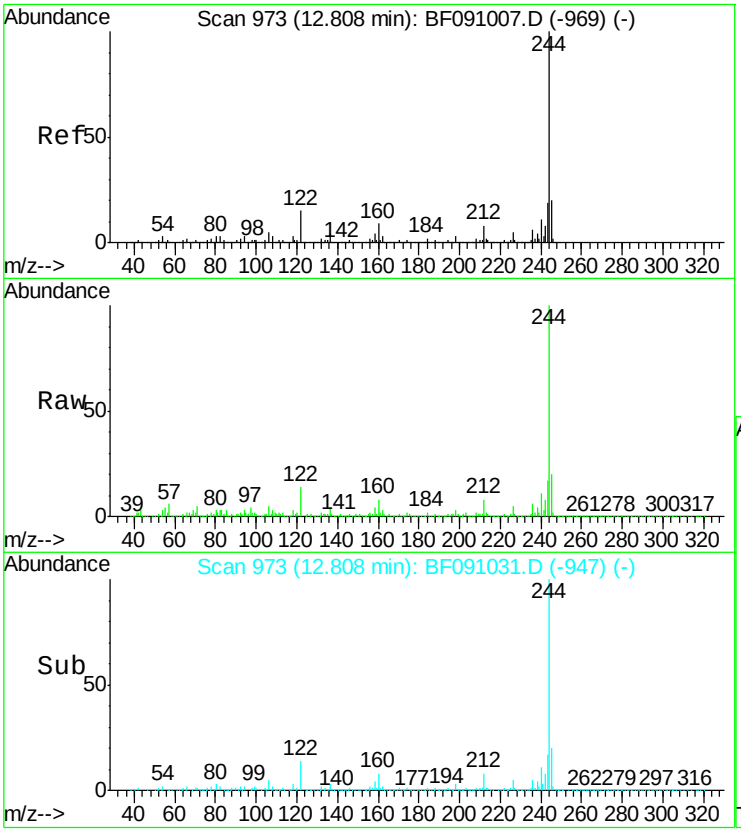




#77
Pyrene
Concen: 51.57 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:202 Resp: 1692066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.4 | 18.4 | 27.6 |
| 203 | 21.0 | 15.0 | 22.6 |



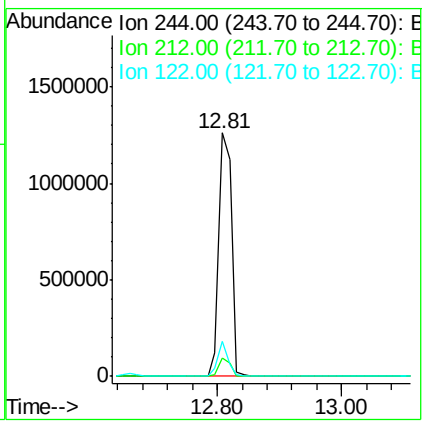


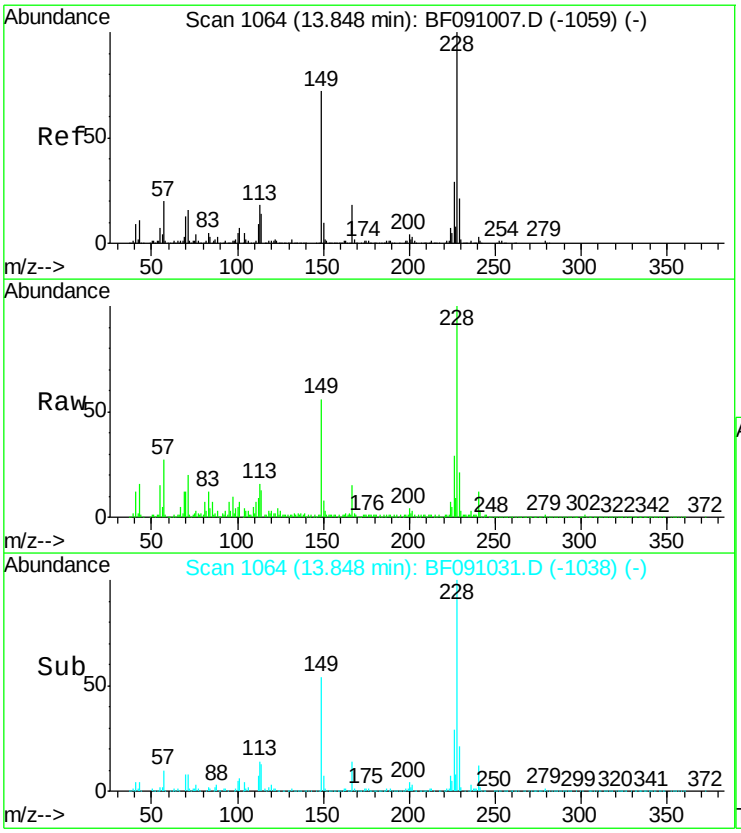

#78
Terphenyl-d14
Concen: 87.40 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:244 Resp: 1754680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.4 | 9.6 |
| 122 | 14.3 | 12.3 | 18.5 |

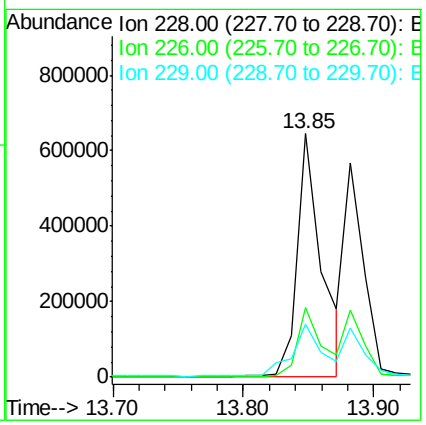


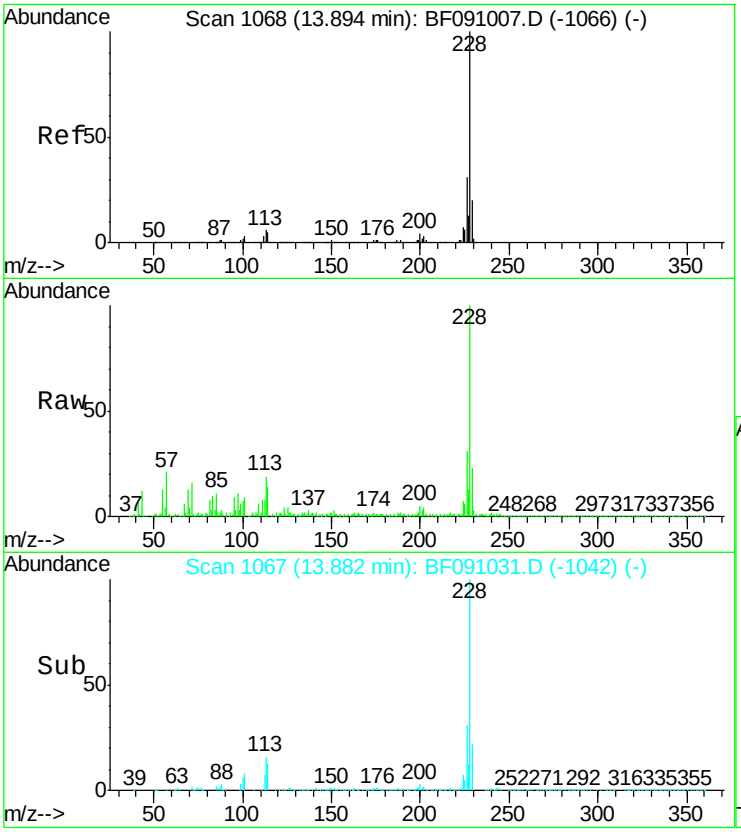




#80
Benzo(a)anthracene
Concen: 29.49 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:228 Resp: 838813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.8 | 23.0 | 34.6 |
| 229 | 21.5 | 16.6 | 24.8 |



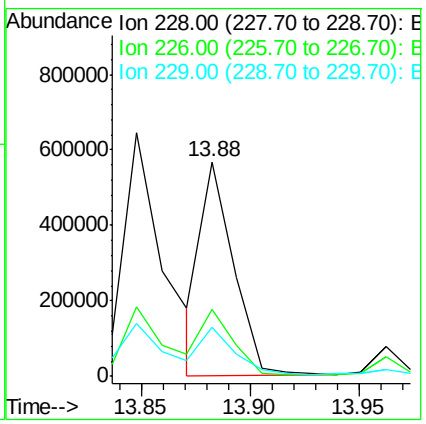


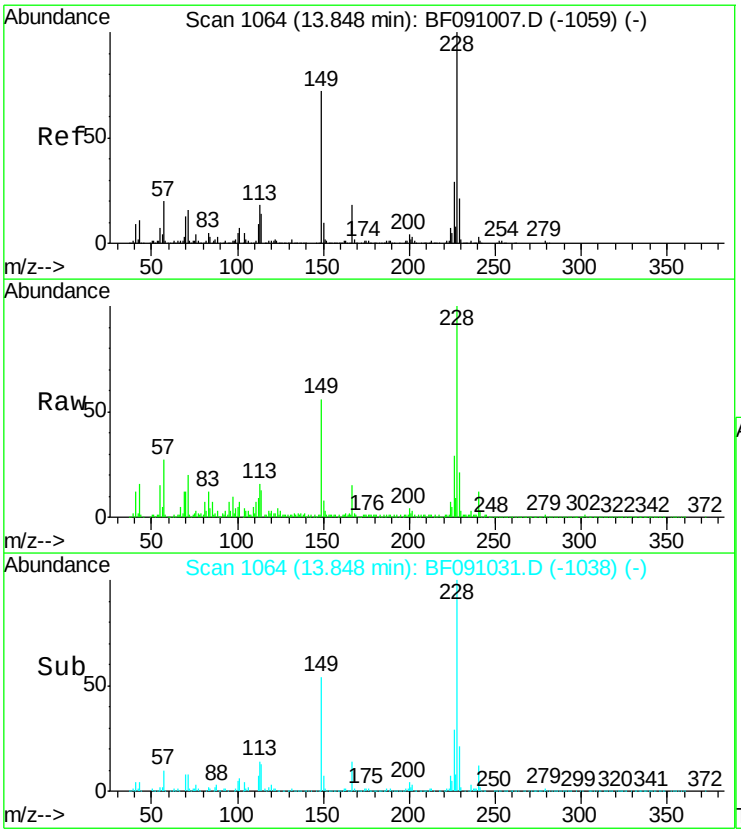

#82
Chrysene
Concen: 20.99 ng
RT: 13.88 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:228 Resp: 588720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.9 | 37.3 |
| 229 | 23.1 | 15.9 | 23.9 |

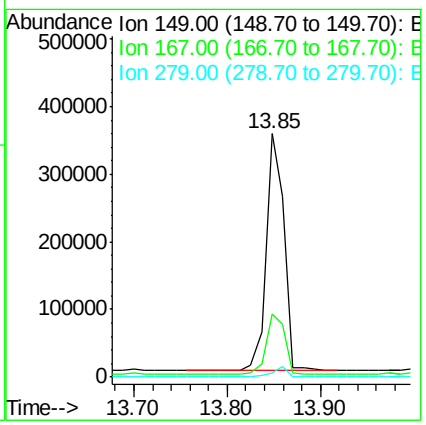


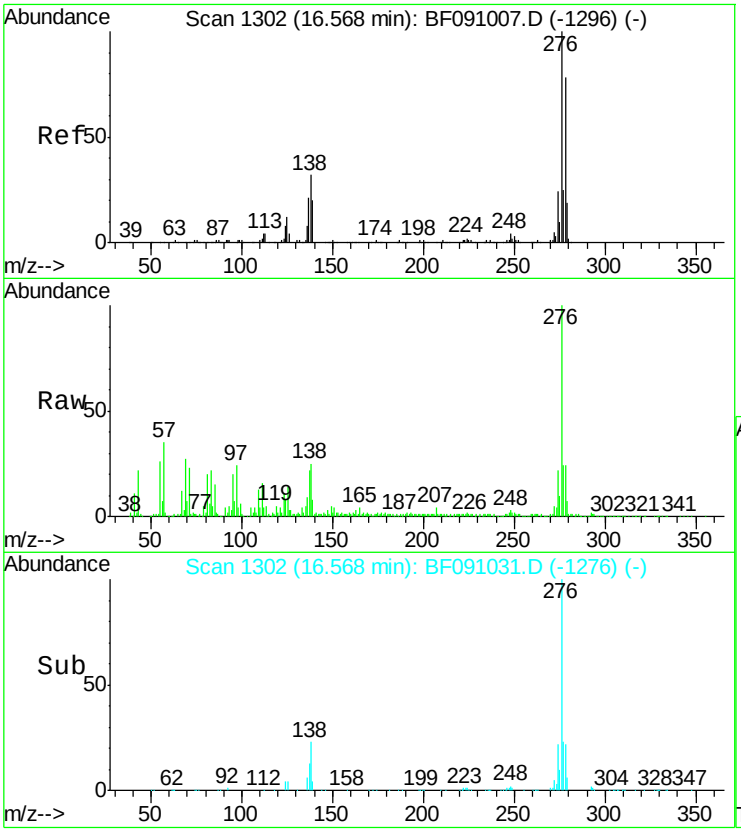




#83
Bis(2-ethylhexyl)phthalate
Concen: 22.27 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:149 Resp: 472912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.0 | 20.4 | 30.6 |
| 279 | 1.9 | 1.6 | 2.4 |



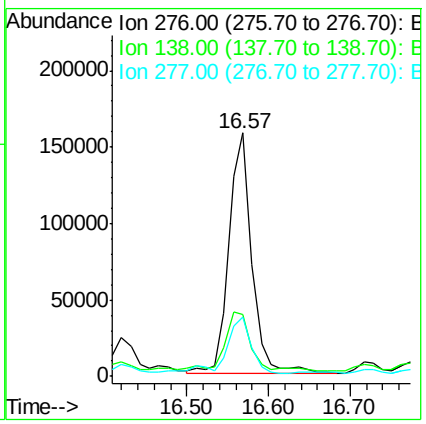


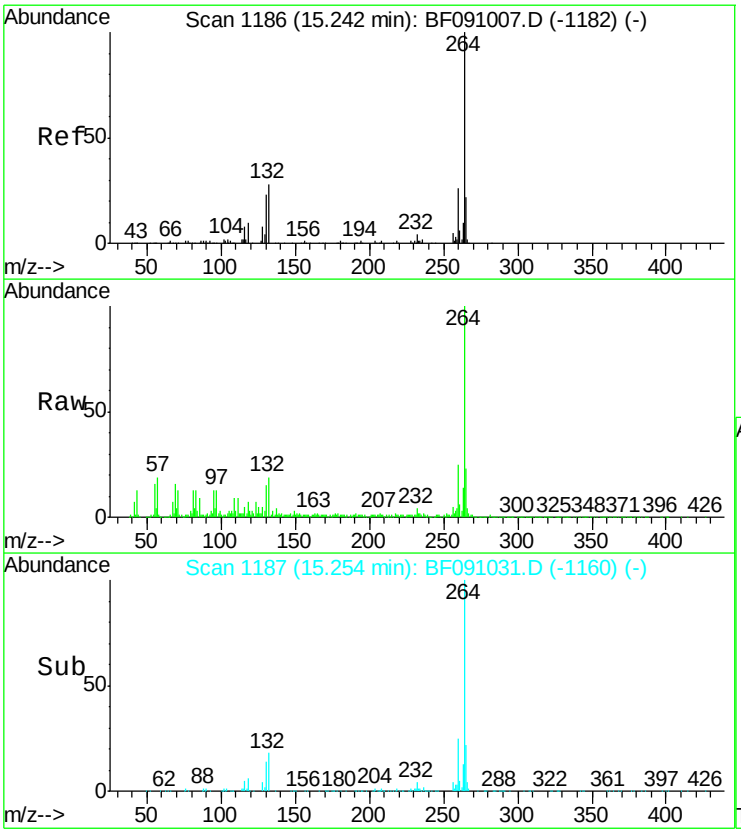

#85
Indeno(1,2,3-cd)pyrene
Concen: 13.29 ng
RT: 16.57 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:276 Resp: 309257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.1 | 26.0 | 39.0 |
| 277 | 24.9 | 20.1 | 30.1 |

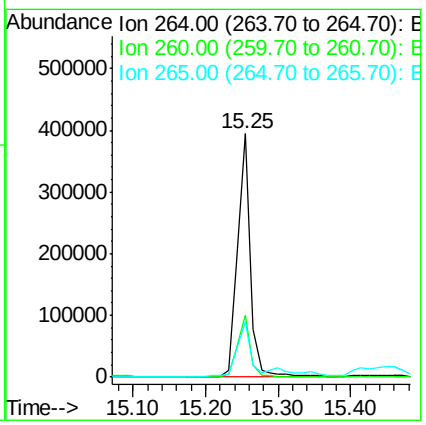


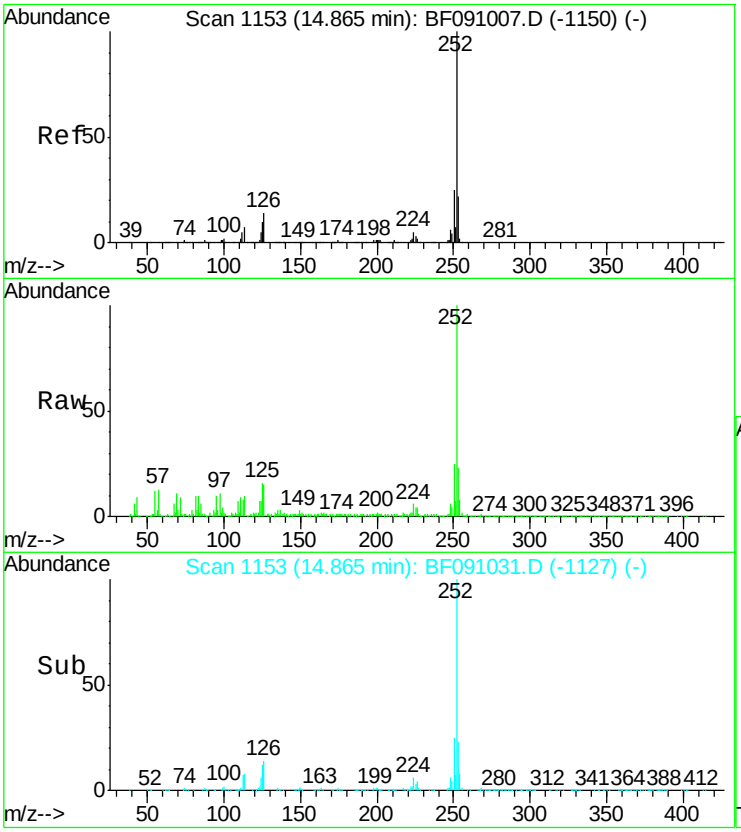




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:264 Resp: 478024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 20.6 | 30.8 |
| 265 | 22.8 | 17.8 | 26.8 |



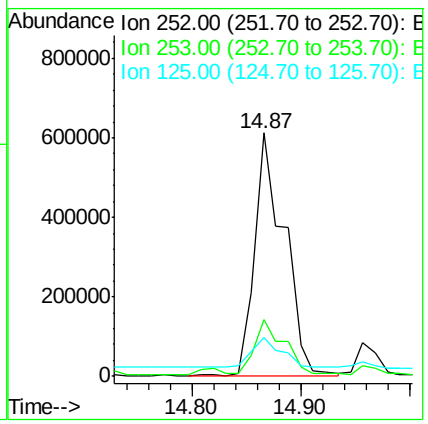


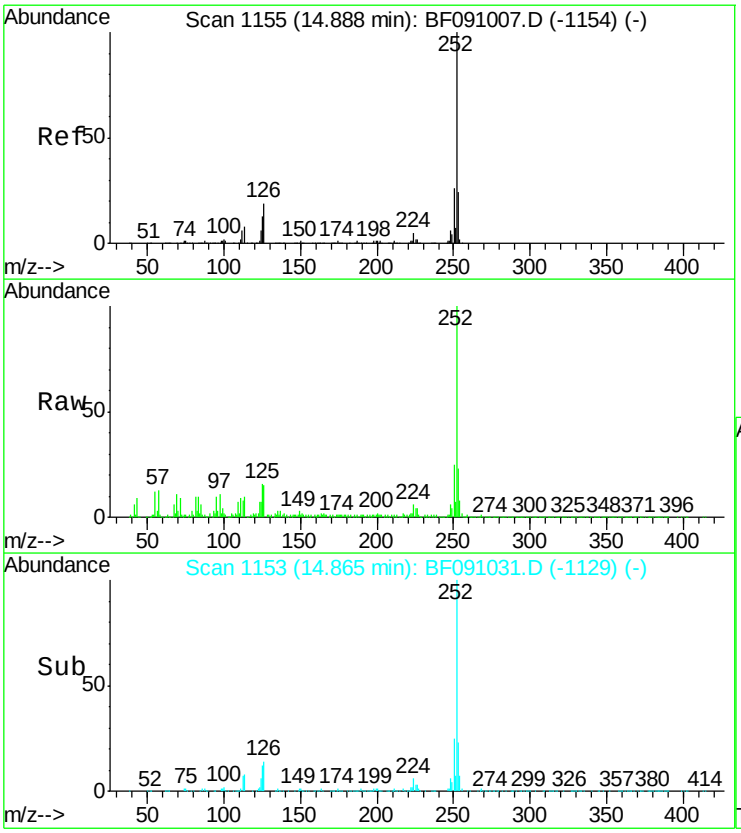

#87
Benzo(b)fluoranthene
Concen: 35.47 ng
RT: 14.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:252 Resp: 1150025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 15.9 | 8.3 | 12.5# |

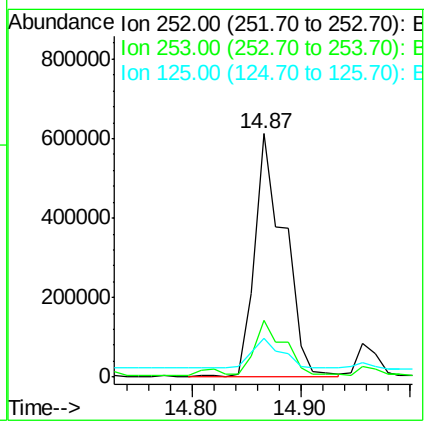


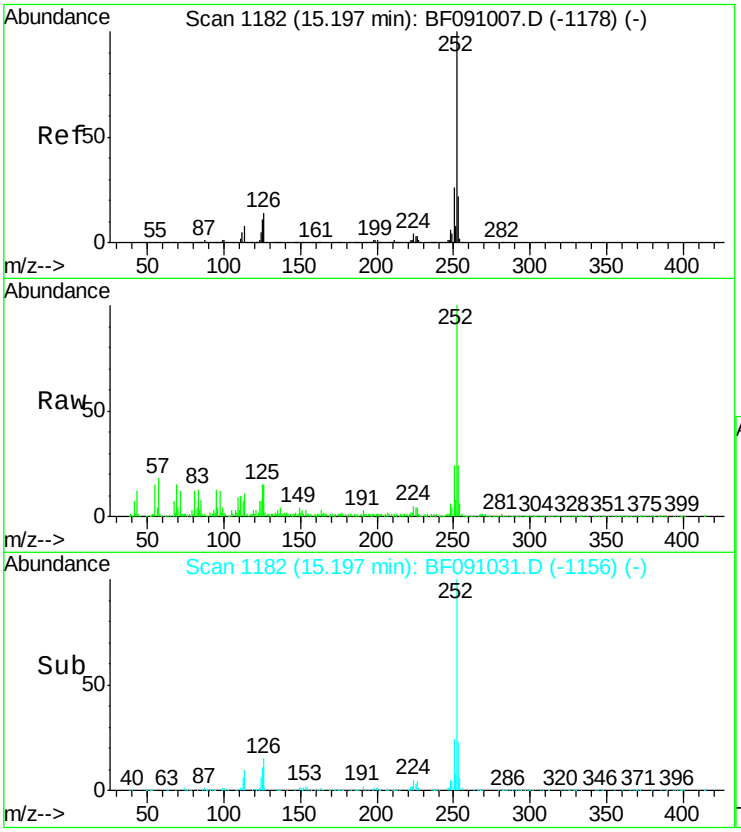




#88
Benzo(k)fluoranthene
Concen: 40.44 ng
RT: 14.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:252 Resp: 1150025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.6 | 28.0 |
| 125 | 15.9 | 11.2 | 16.8 |



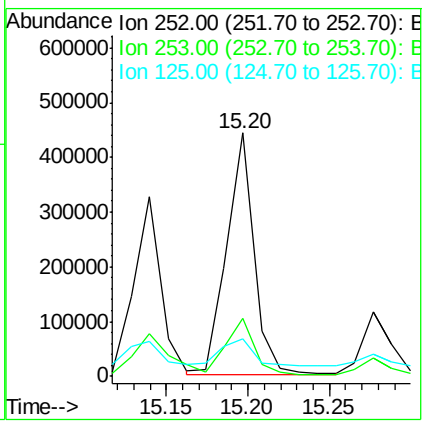


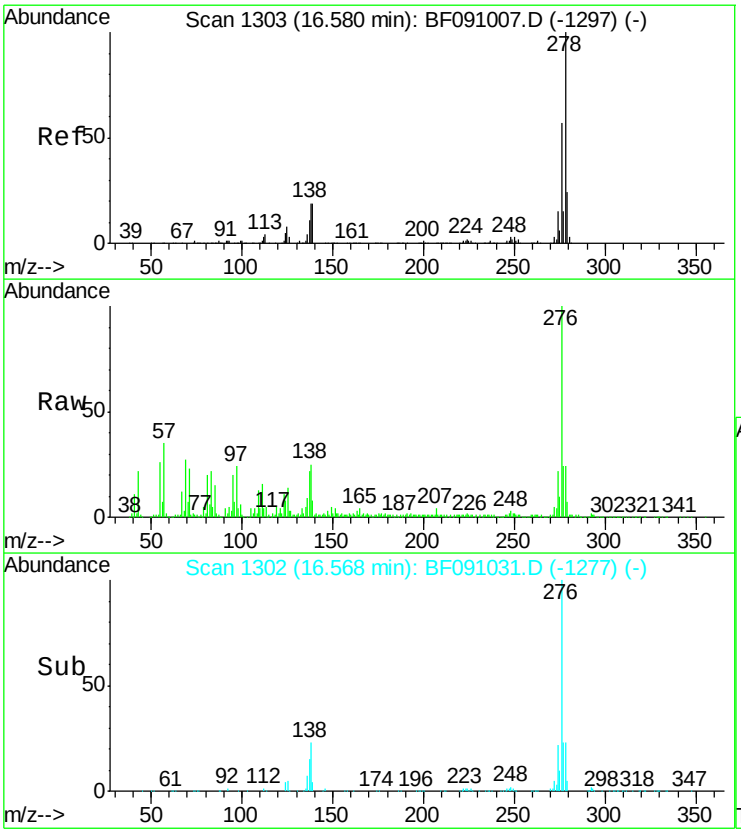

#89
Benzo(a)pyrene
Concen: 18.34 ng
RT: 15.20 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:252 Resp: 517507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 17.8 | 26.8 |
| 125 | 15.2 | 8.6 | 13.0# |

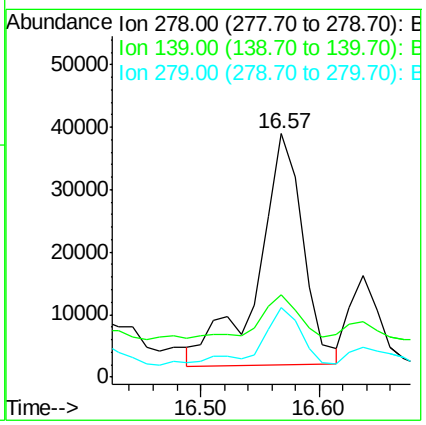


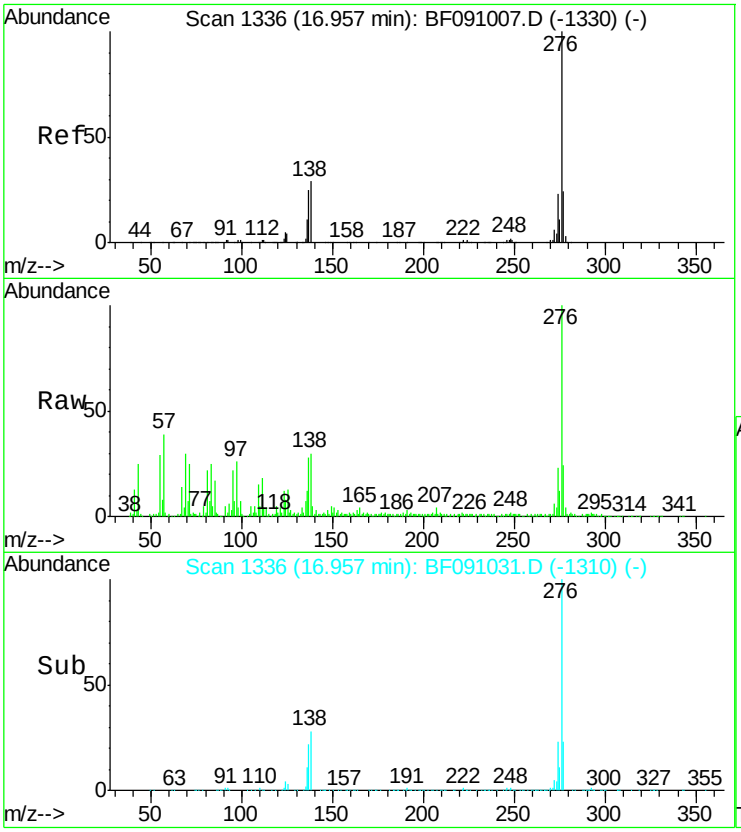




#90
Dibenzo(a,h)anthracene
Concen: 4.00 ng
RT: 16.57 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:278 Resp: 97599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 34.0 | 15.3 | 22.9# |
| 279 | 28.7 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 11.60 ng
RT: 16.96 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

**Instrument :**
BNA_F
**ClientSampleId :**
SB-106-0.5-5.0

Tgt Ion:276 Resp: 255954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.2 | 28.8 |
| 138 | 30.0 | 23.3 | 34.9 |