Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102424.D
Acq On : 25 Jan 2018 14:19
Operator : SJ/JU
Sample : J1308-01 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A2-SB99-BOT-8

Quant Time: Jan 25 15:35:52 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 121340 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 470069 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 192076 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.25 | 188 | 280707 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.89 | 240 | 203994 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.32 | 264 | 235143 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.32 | 112 | 38747 | 4.84 | ng | | 0.00 |
| 7) Phenol-d6 | 6.36 | 99 | 47618 | 4.94 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 27879 | 3.41 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 6217 | 3.27 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 52362 | 4.01 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 35202 | 3.89 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.04 | 128 | 5112982 | 217.853 | ng | | 98 |
| 32) Benzoic acid | 8.04 | 122 | 12449 | 2.323 | ng | # | 1 |
| 33) 4-Chloroaniline | 8.04 | 127 | 725570 | 73.517 | ng | # | 35 |
| 35) Caprolactam | 8.72 | 113 | 11173 | 5.192 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 555200 | 35.521 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.17 | 154 | 232598 | 13.543 | ng | | 98 |
| 48) Acenaphthylene | 9.62 | 152 | 915116 | 44.000 | ng | | 100 |
| 51) Acenaphthene | 9.79 | 154 | 819043 | 67.430 | ng | | 99 |
| 54) Dibenzofuran | 9.96 | 168 | 1036116 | 63.028 | ng | | 99 |
| 55) 4-Nitrophenol | 9.96 | 139 | 400096 | 149.684 | ng | # | 10 |
| 57) Fluorene | 10.31 | 166 | 1185250 | 90.990 | ng | | 99 |
| 61) 4-Nitroaniline | 10.31 | 138 | 13333 | 3.300 | ng | # | 23 |
| 70) Phenanthrene | 11.28 | 178 | 3233890 | 197.702 | ng | | 99 |
| 71) Anthracene | 11.33 | 178 | 1236680 | 74.071 | ng | | 99 |
| 72) Carbazole | 11.47 | 167 | 572489 | 35.148 | ng | | 100 |
| 74) Fluoranthene | 12.47 | 202 | 2326619 | 139.481 | ng | | 99 |
| 77) Pyrene | 12.69 | 202 | 1842292 | 116.807 | ng | | 100 |
| 80) Benzo(a)anthracene | 13.91 | 228 | 758001 | 60.354 | ng | | 93 |
| 82) Chrysene | 13.91 | 228 | 758001 | 59.433 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.71 | 276 | 370534 | 35.179 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 14.91 | 252 | 1372210 | 90.035 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 14.91 | 252 | 1372210 | 95.298 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.26 | 252 | 791567 | 57.587 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.92 | 278 | 39333 | 3.533 | ng | | 95 |
| 91) Benzo(g,h,i)perylene | 17.13 | 276 | 304467 | 27.694 | ng | | 99 |

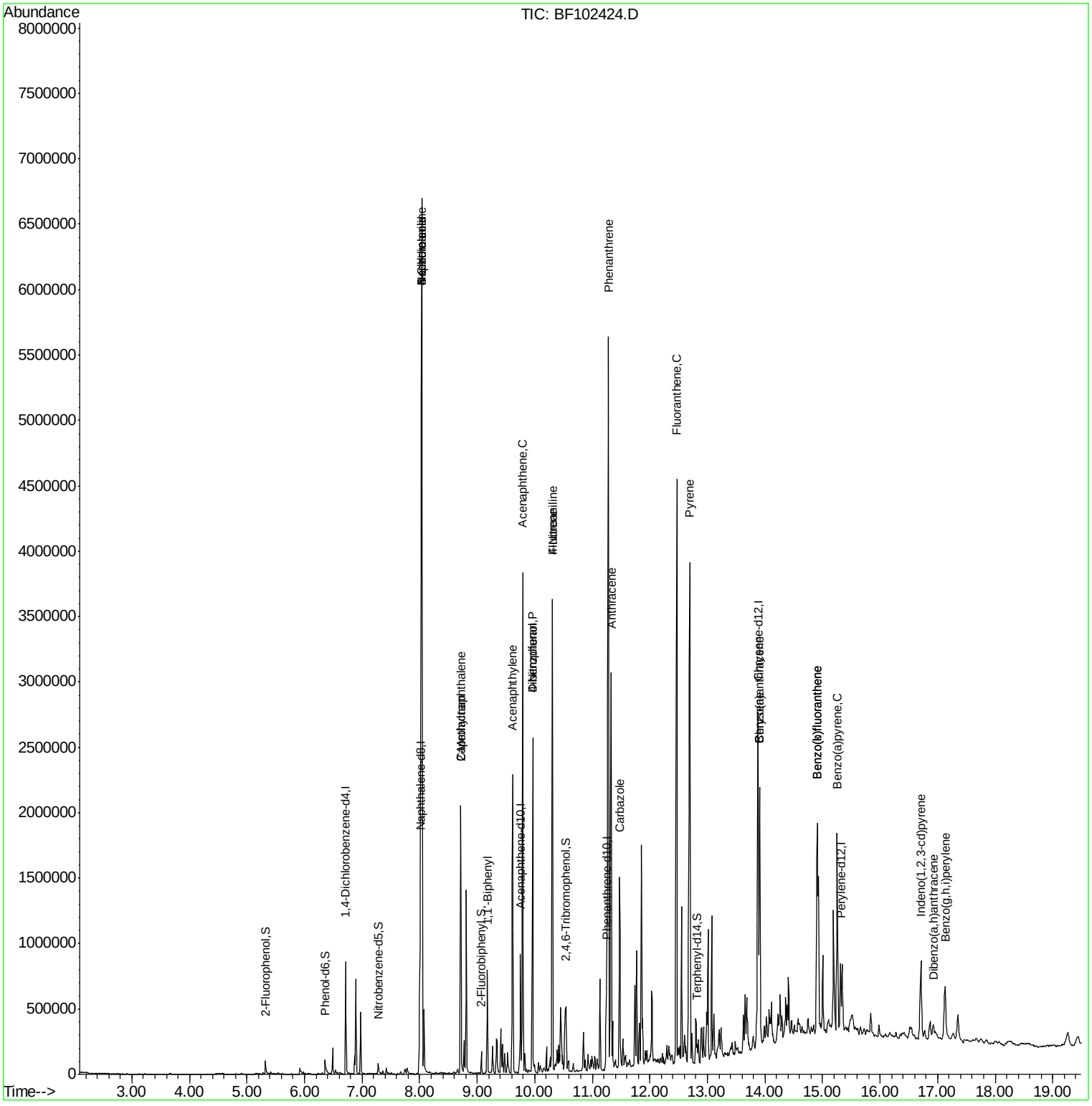
(#) = qualifier out of range (m) = manual integration (+) = signals summed

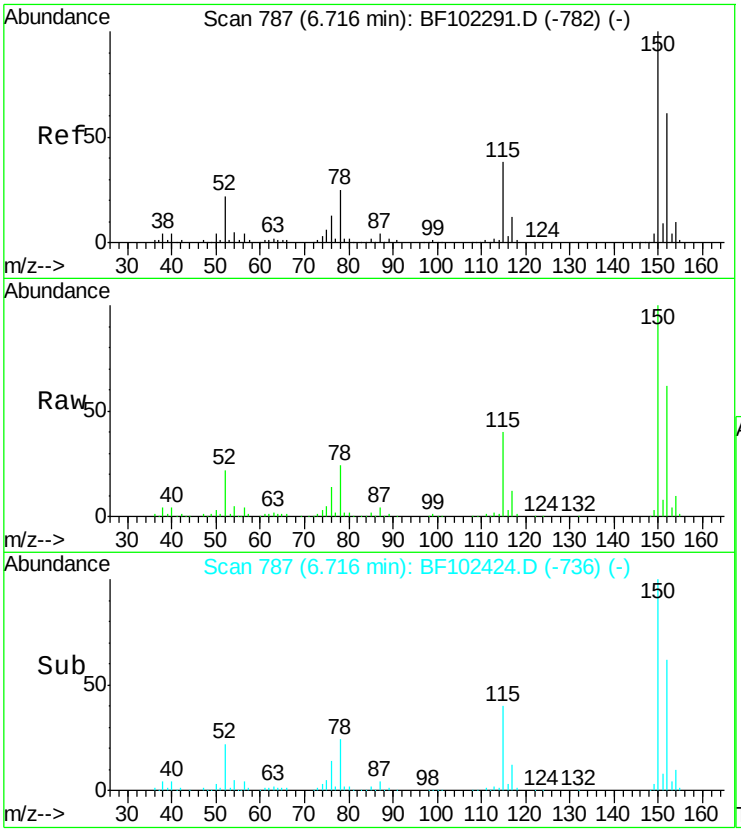
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102424.D
Acq On : 25 Jan 2018 14:19
Operator : SJ/JU
Sample : J1308-01 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Quant Time: Jan 25 15:35:52 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration



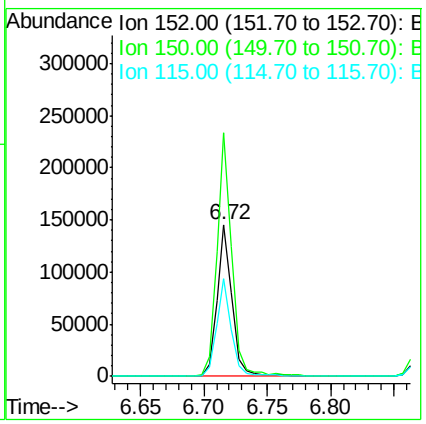


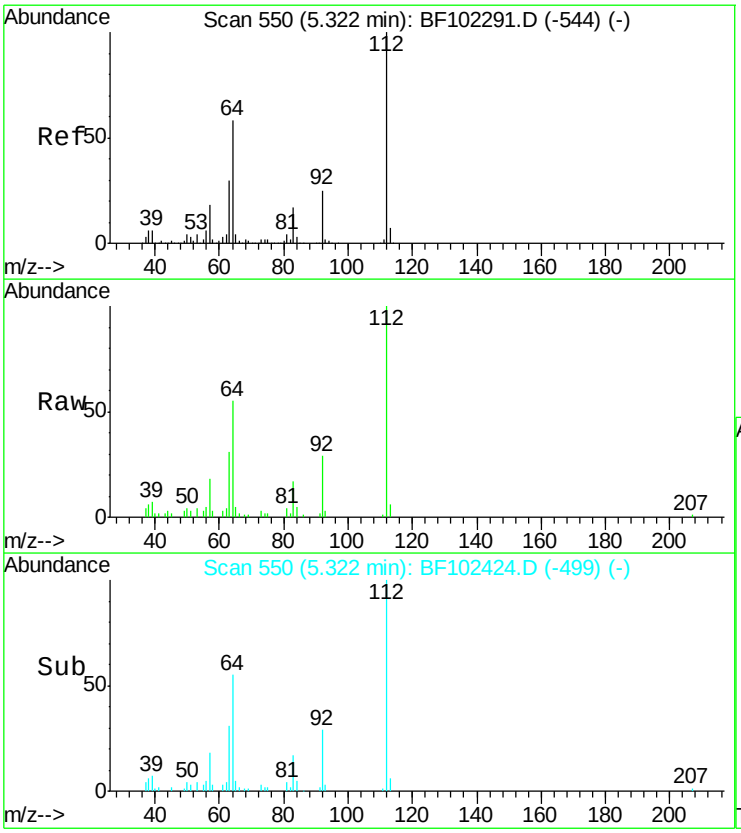

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:152 Resp: 121340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.8 | 124.6 | 186.8 |
| 115 | 64.6 | 50.1 | 75.1 |

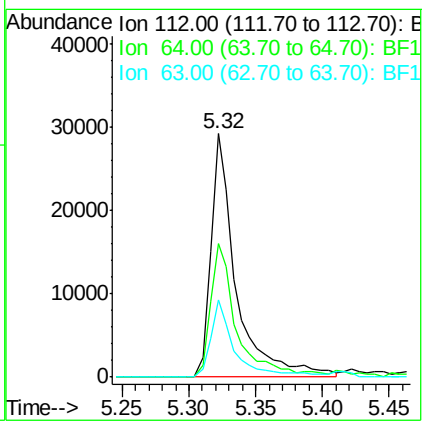


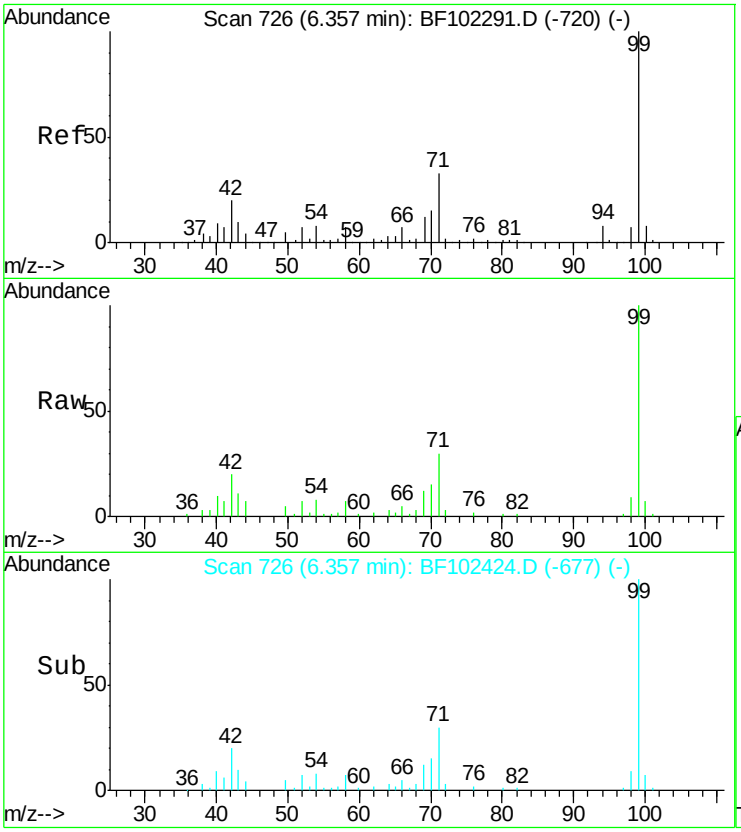




#5
2-Fluorophenol
Concen: 4.842 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:112 Resp: 38747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.0 | 47.9 | 71.9 |
| 63 | 31.5 | 23.7 | 35.5 |



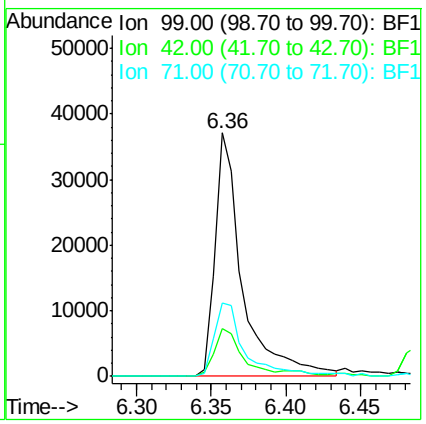


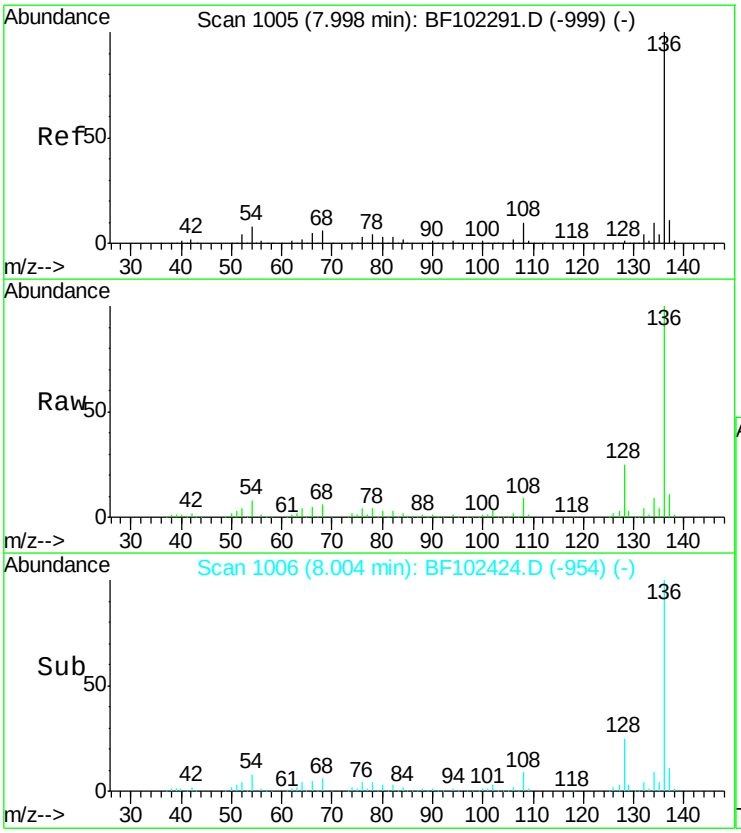

#7
Phenol-d6
Concen: 4.936 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion: 99 Resp: 47618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 14.5 | 21.7 |
| 71 | 30.2 | 25.4 | 38.0 |

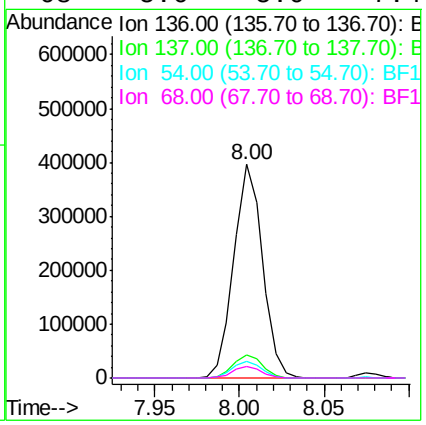


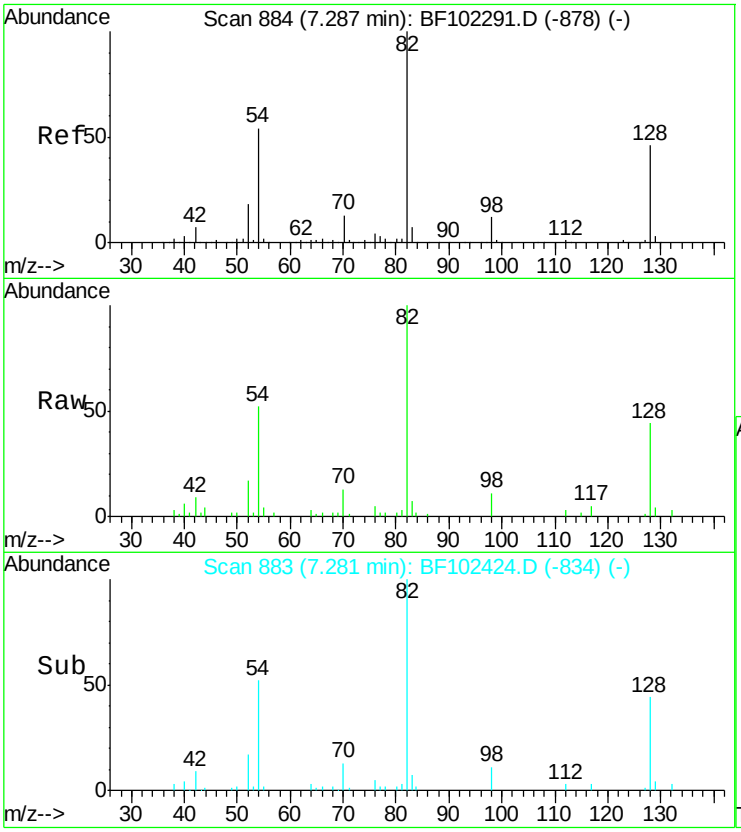




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:136 Resp: 470069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.9 | 13.3 |
| 54 | 7.6 | 6.6 | 9.8 |
| 68 | 5.6 | 5.0 | 7.4 |



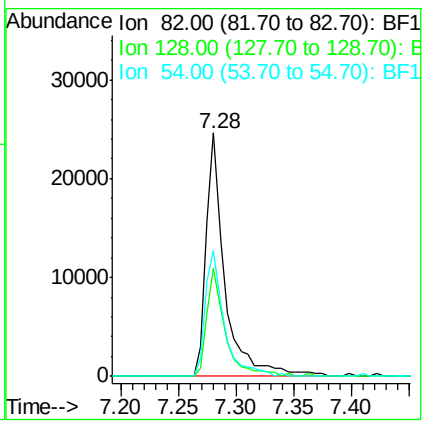


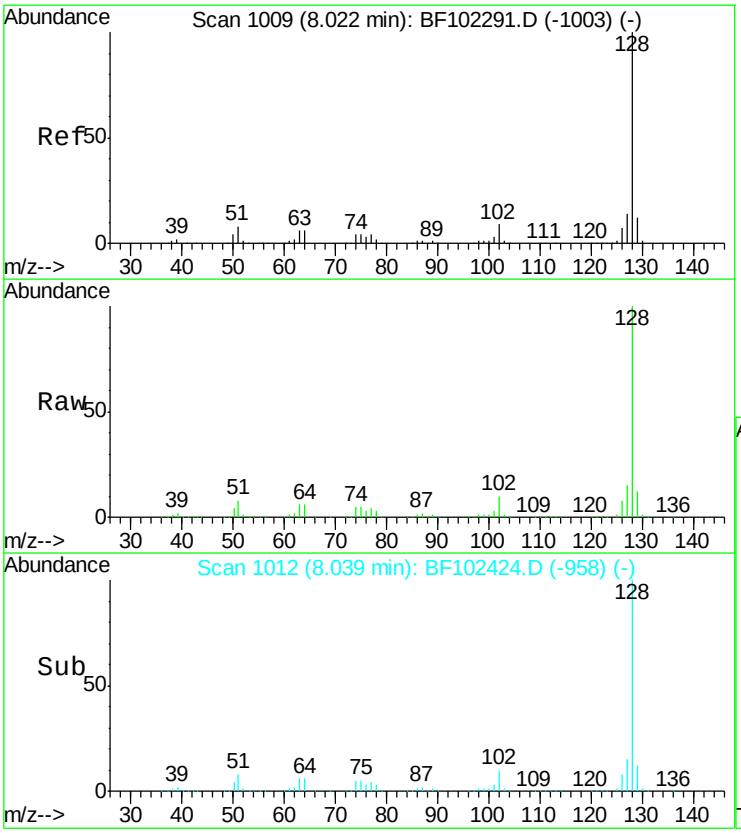

#23
Nitrobenzene-d5
Concen: 3.408 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion: 82 Resp: 27879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 36.1 | 54.1 |
| 54 | 51.7 | 41.4 | 62.2 |

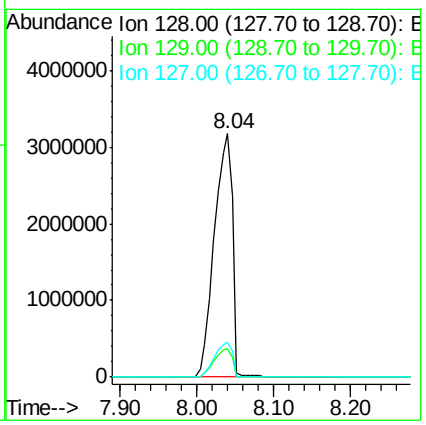


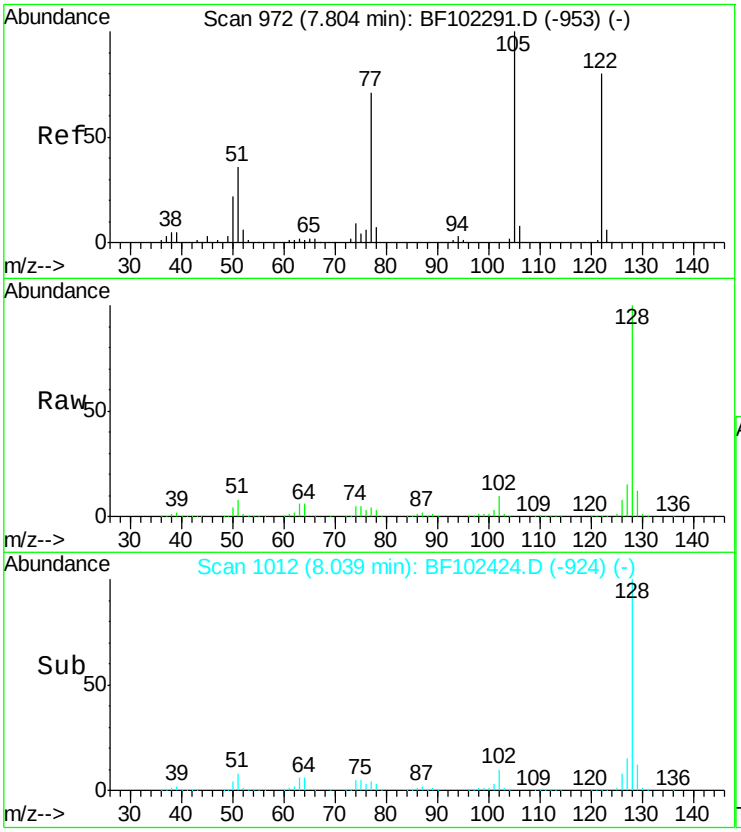




#31
Naphthalene
Concen: 217.853 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:128 Resp: 5112982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 8.8 | 13.2 |
| 127 | 14.6 | 10.9 | 16.3 |



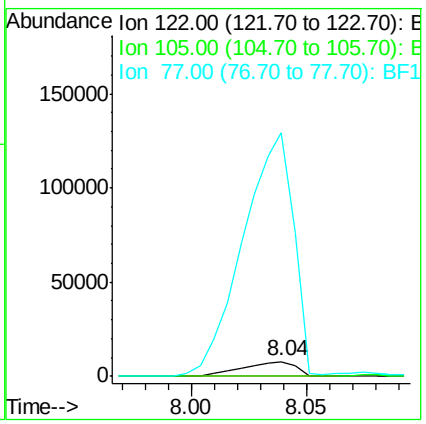


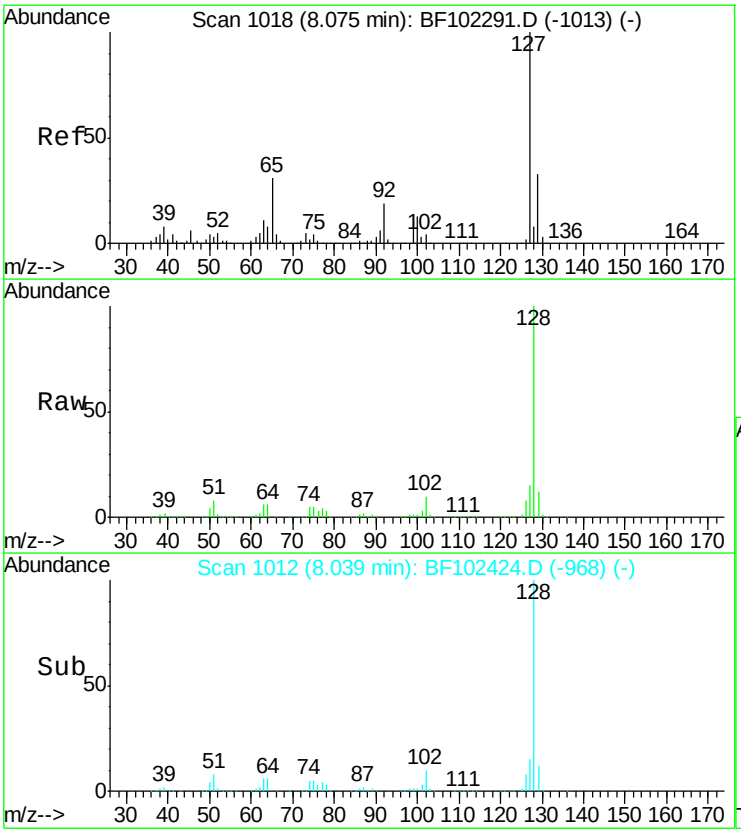

#32
Benzoic acid
Concen: 2.323 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.22 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:122 Resp: 12449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 101.1 | 141.1# |
| 77 | 1655.1 | 70.7 | 110.7# |

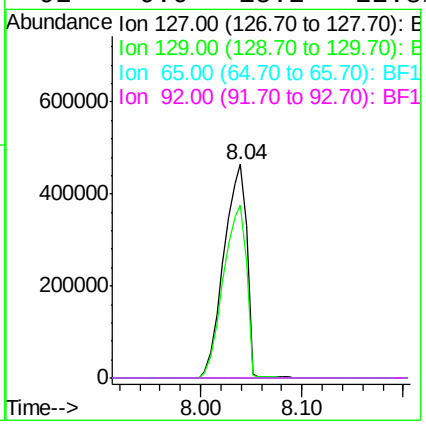


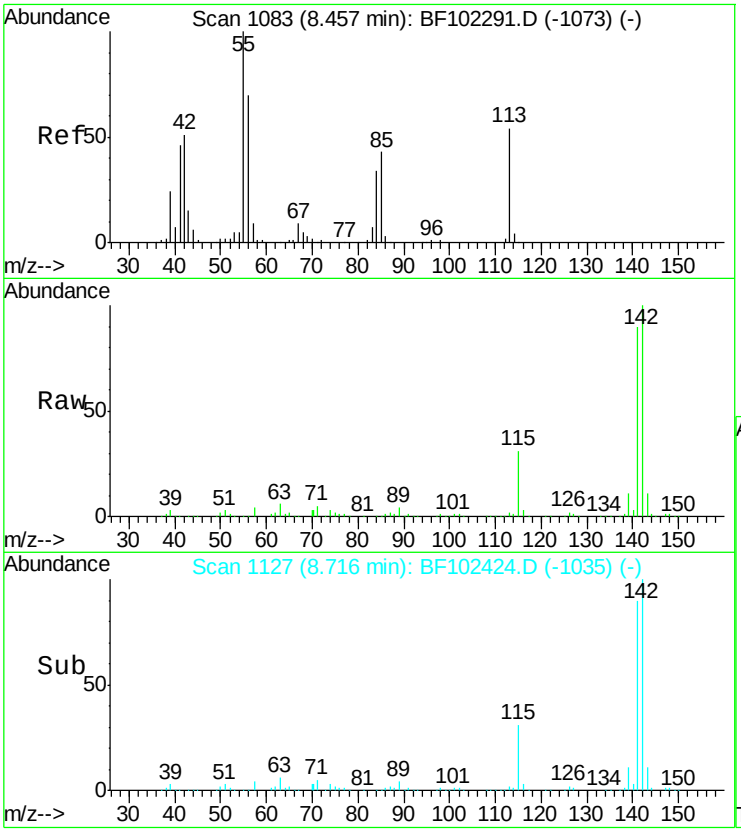




#33
4-Chloroaniline
Concen: 73.517 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:127 Resp: 725570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 80.8 | 25.9 | 38.9# |
| 65 | 0.0 | 25.0 | 37.4# |
| 92 | 0.0 | 15.2 | 22.8# |



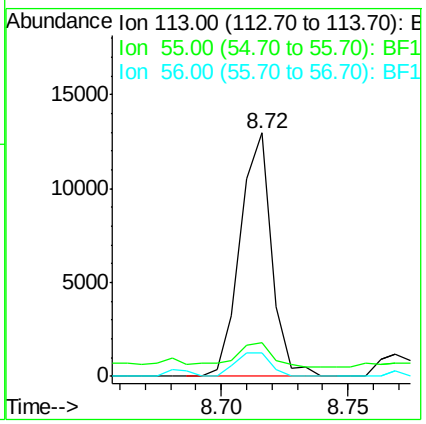


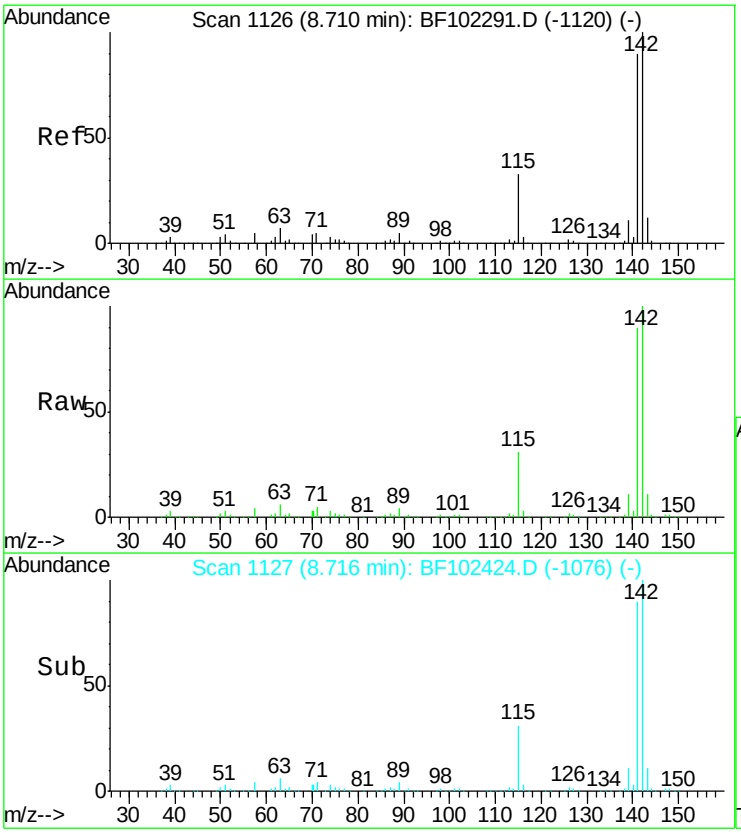

#35
Caprolactam
Concen: 5.192 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.24 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:113 Resp: 11173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 13.7 | 163.3 | 203.3# |
| 56 | 9.4 | 115.7 | 155.7# |

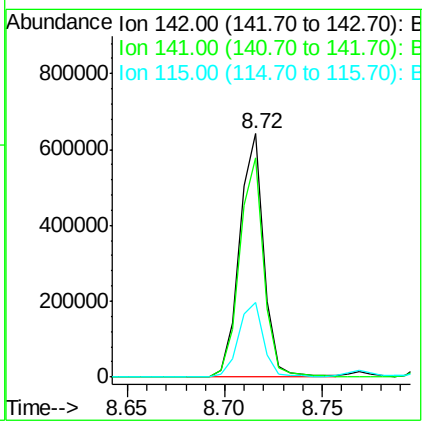


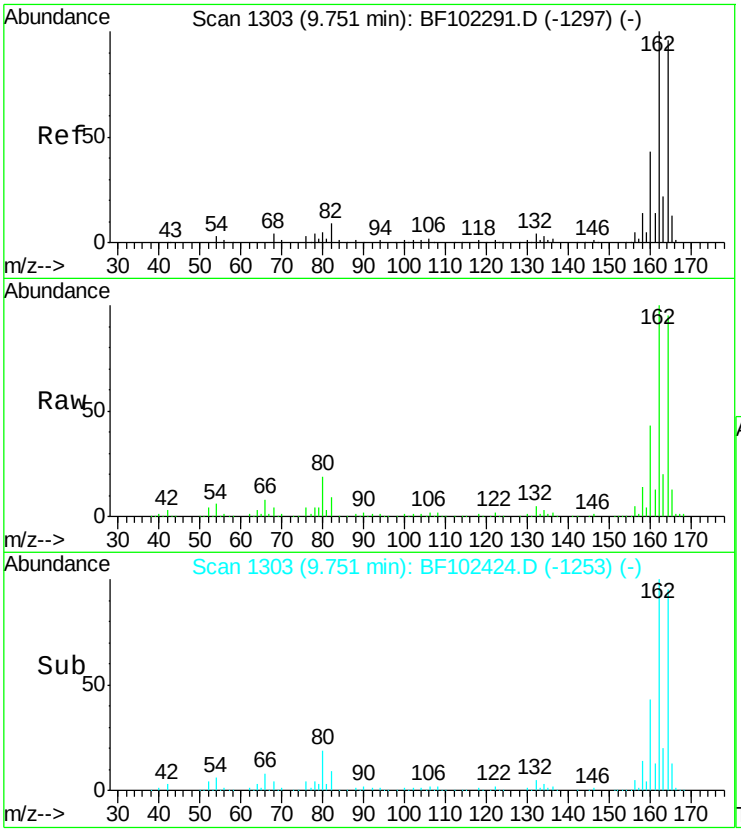




#37
2-Methylnaphthalene
Concen: 35.521 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:142 Resp: 555200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 70.8 | 106.2 |
| 115 | 30.9 | 26.1 | 39.1 |



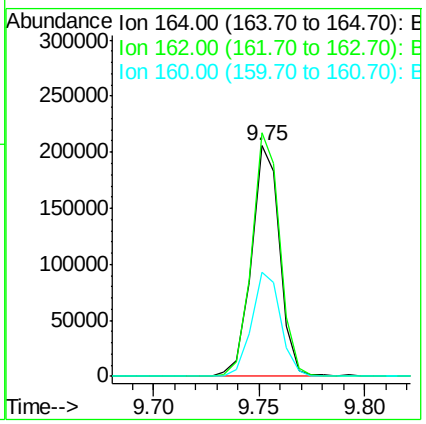


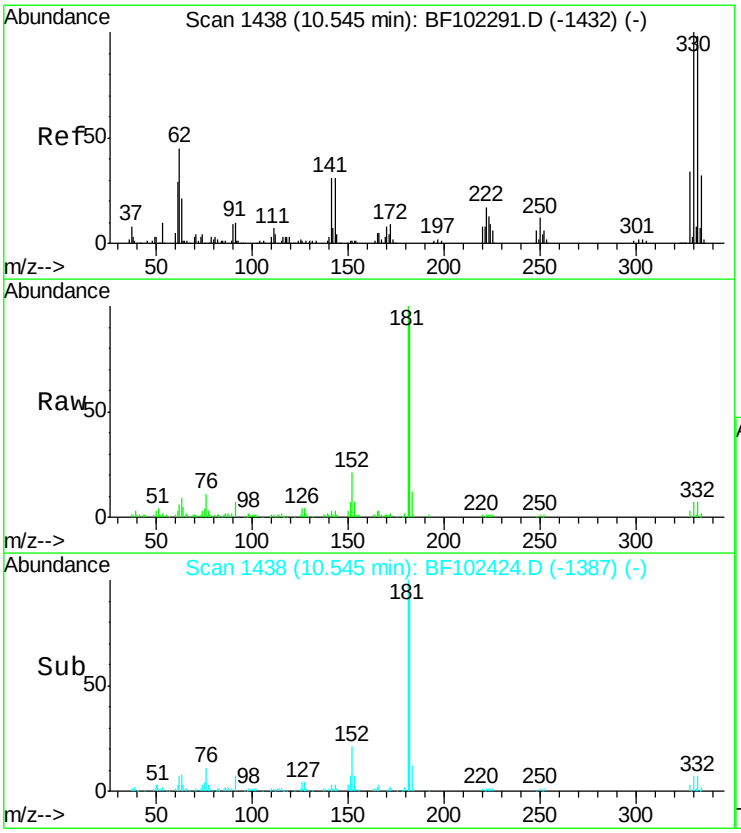

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:164 Resp: 192076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.5 | 86.1 | 129.1 |
| 160 | 44.9 | 38.3 | 57.5 |

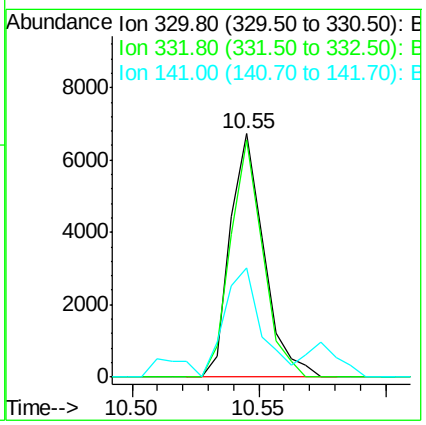


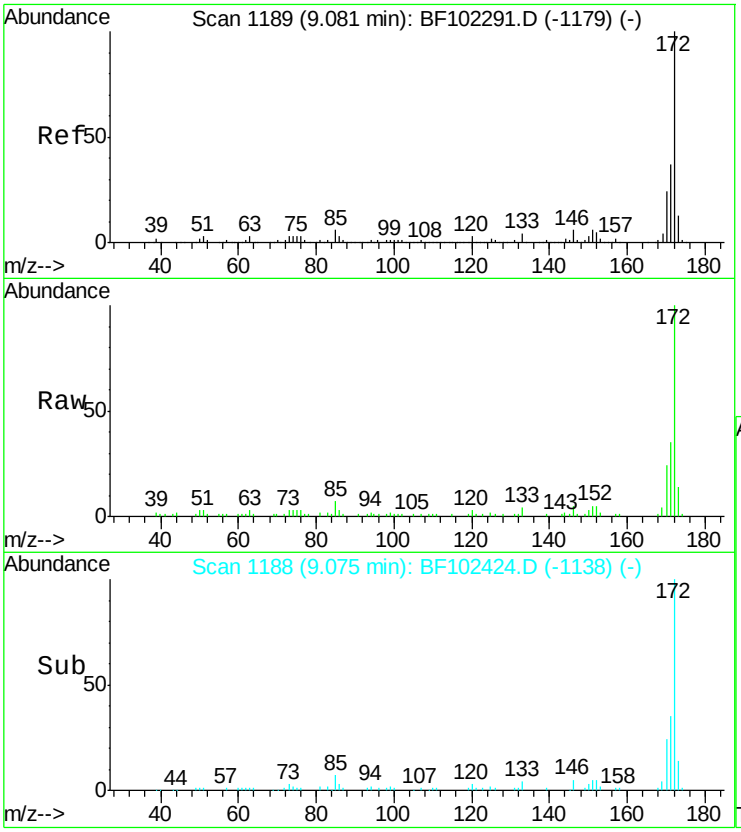




#41
2,4,6-Tribromophenol
Concen: 3.267 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:330 Resp: 6217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.3 | 77.0 | 115.6 |
| 141 | 49.2 | 29.9 | 44.9# |



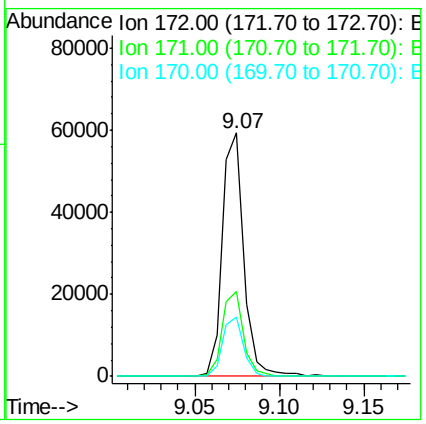


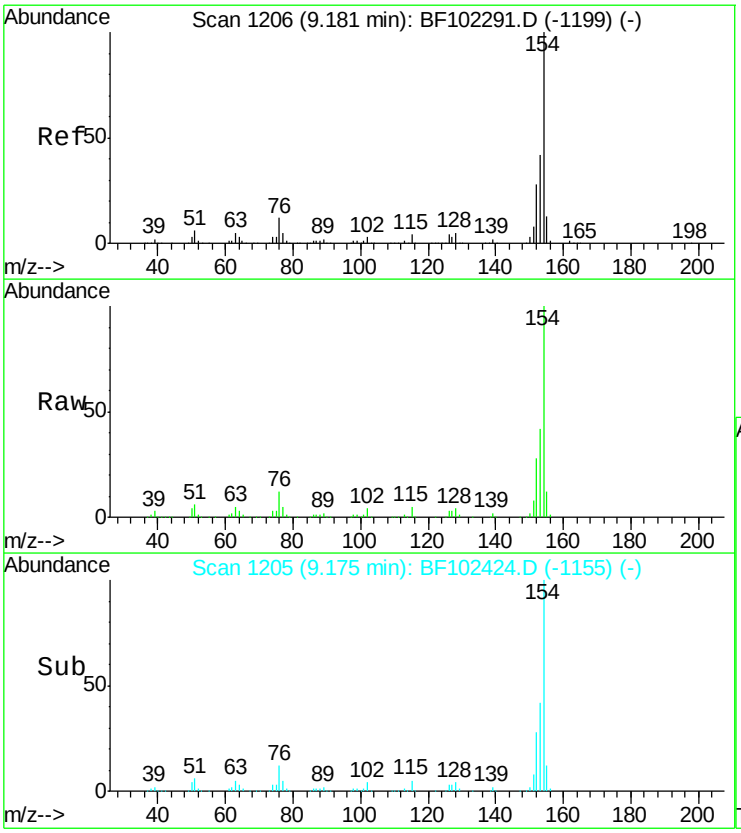

#44
2-Fluorobiphenyl
Concen: 4.008 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:172 Resp: 52362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 29.7 | 44.5 |
| 170 | 24.2 | 19.6 | 29.4 |

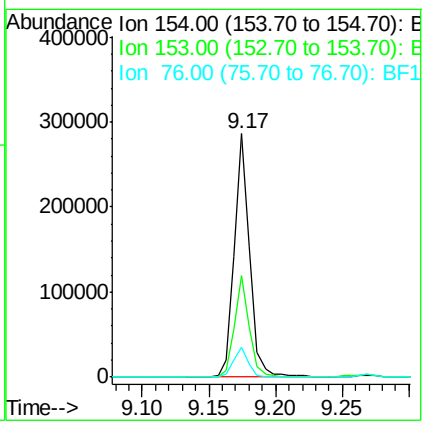


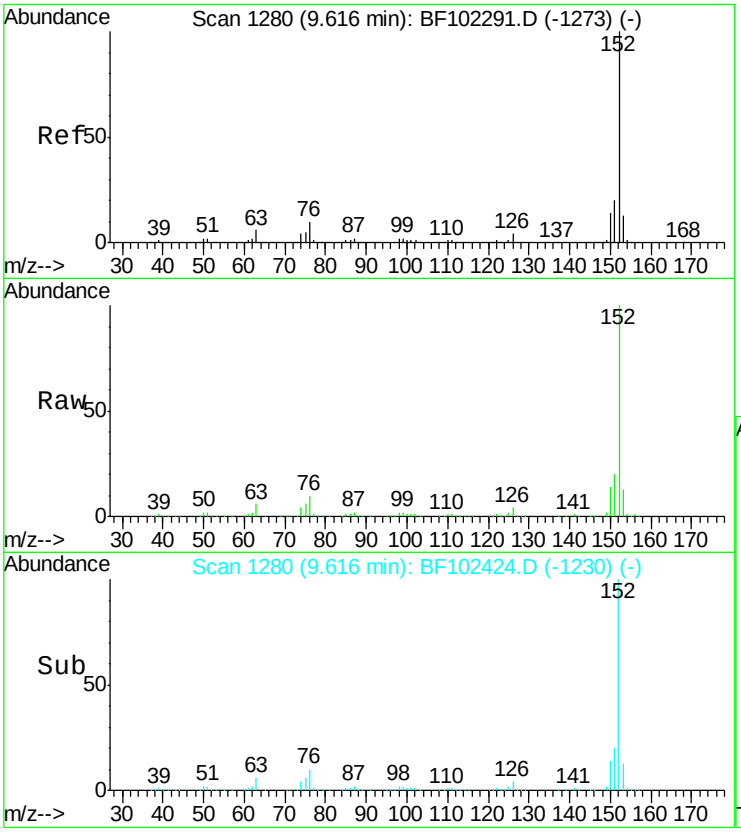




#45
1,1'-Biphenyl
Concen: 13.543 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:154 Resp: 232598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.7 | 21.3 | 61.3 |
| 76 | 12.2 | 0.0 | 34.0 |



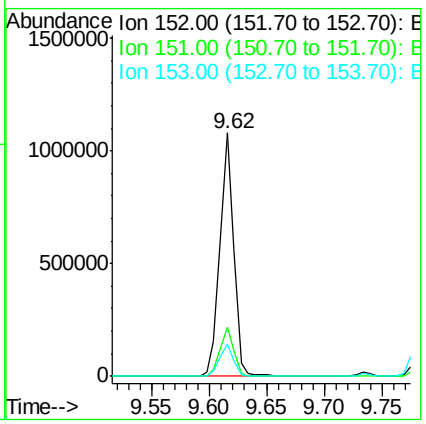


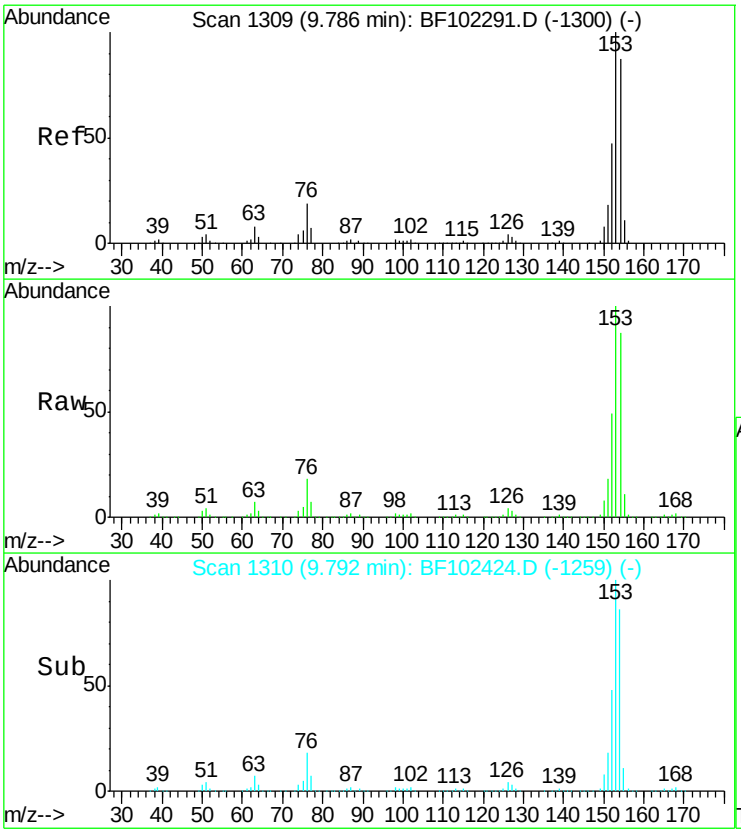

#48
Acenaphthylene
Concen: 44.000 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:152 Resp: 915116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.3 | 24.5 |
| 153 | 13.4 | 10.7 | 16.1 |

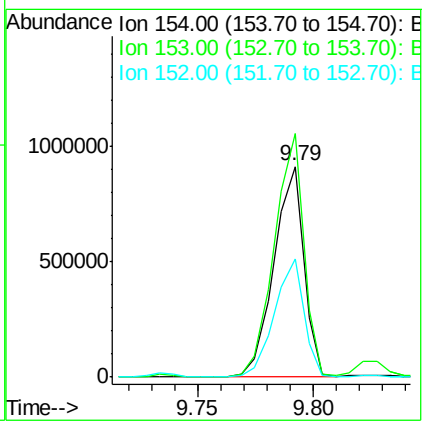


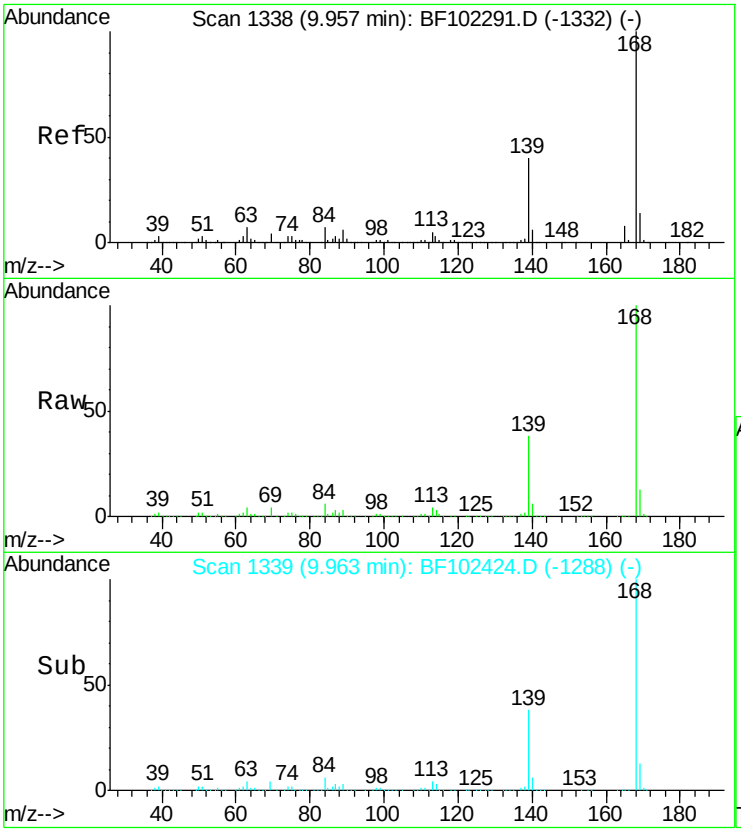




#51
Acenaphthene
Concen: 67.430 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:154 Resp: 819043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.5 | 91.2 | 136.8 |
| 152 | 56.0 | 43.8 | 65.8 |



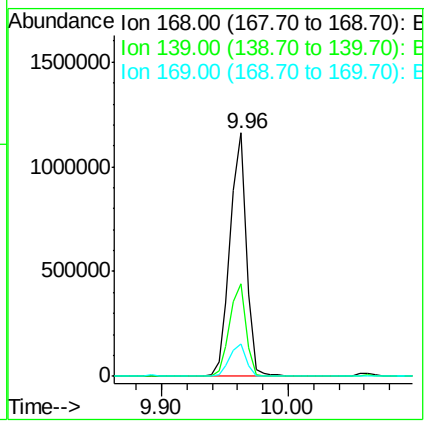


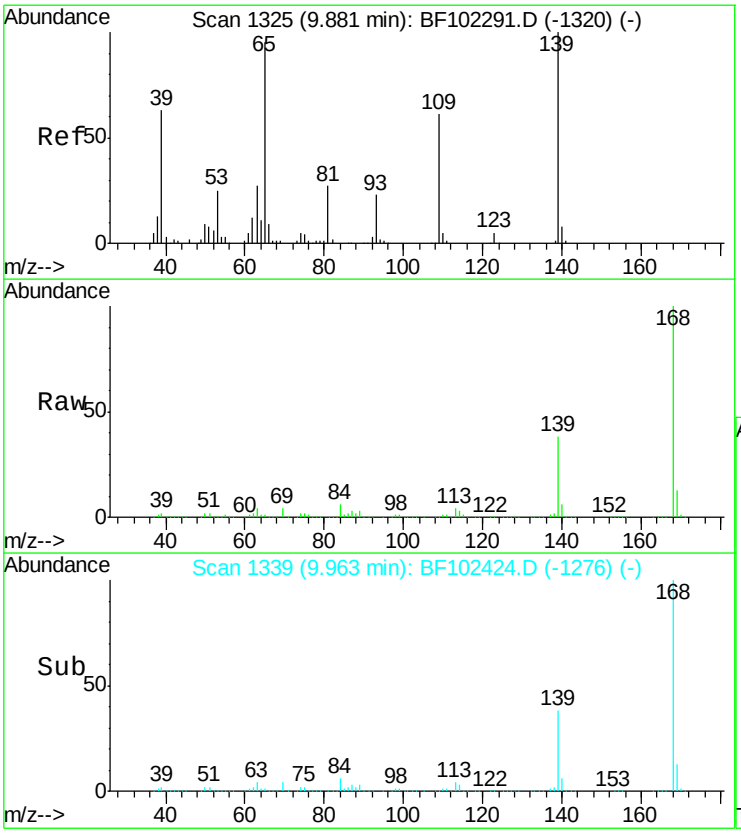

#54
Dibenzofuran
Concen: 63.028 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:168 Resp: 1036116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.8 | 30.1 | 45.1 |
| 169 | 13.2 | 10.9 | 16.3 |

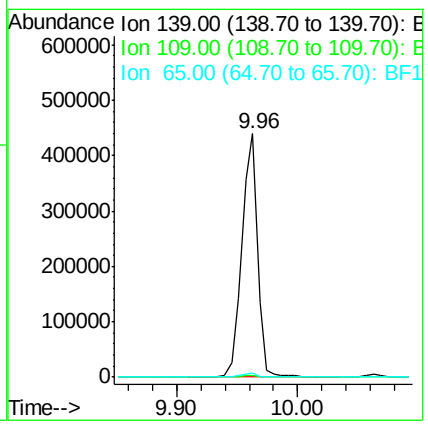


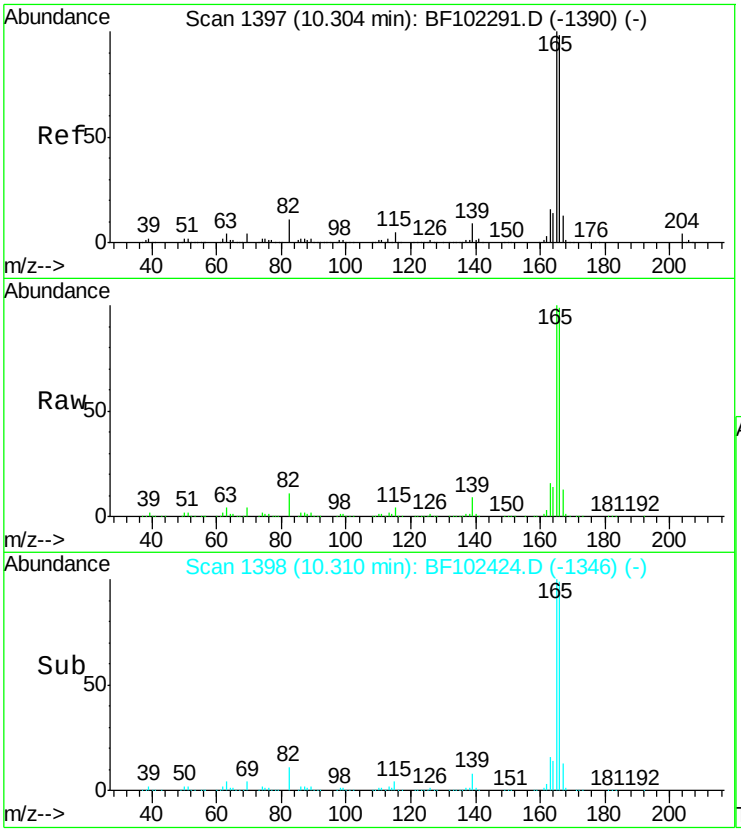




#55
4-Nitrophenol
Concen: 149.684 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.07 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:139 Resp: 400096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.7 | 48.4 | 88.4# |
| 65 | 1.5 | 72.6 | 112.6# |



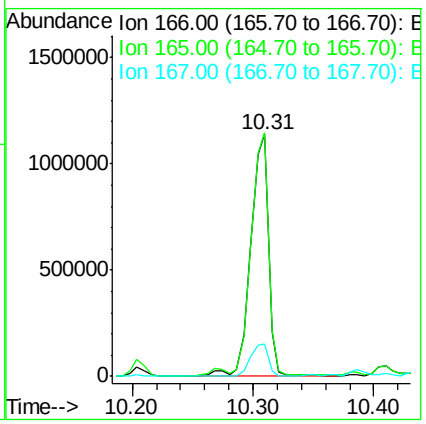


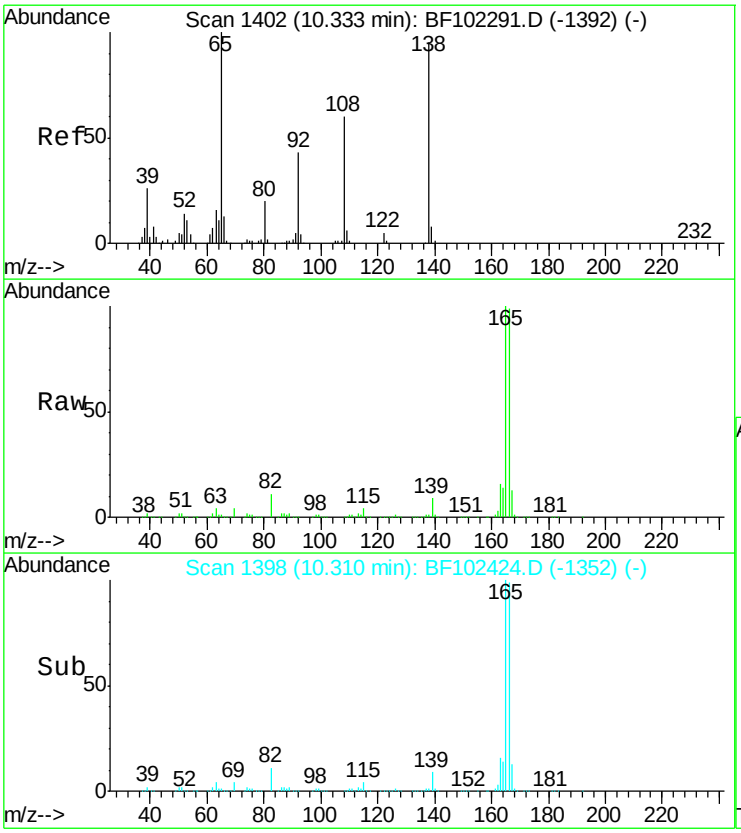

#57
Fluorene
Concen: 90.990 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:166 Resp: 1185250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 79.8 | 119.8 |
| 167 | 13.2 | 10.6 | 16.0 |

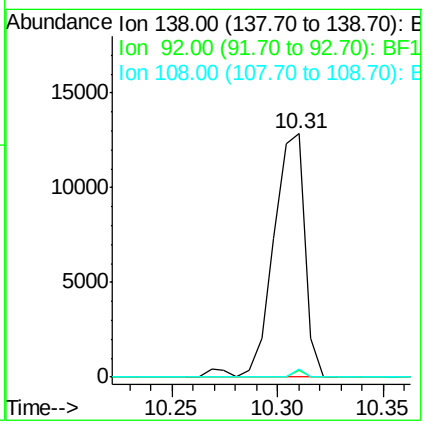


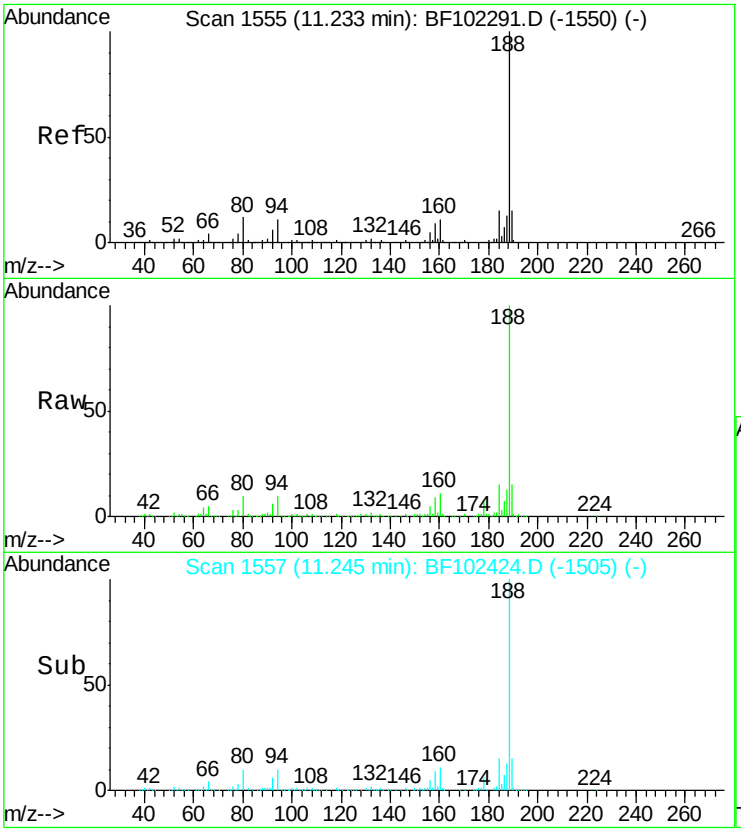




#61
4-Nitroaniline
Concen: 3.300 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:138 Resp: 13333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 3.0 | 30.2 | 70.2# |
| 108 | 3.4 | 52.5 | 92.5# |



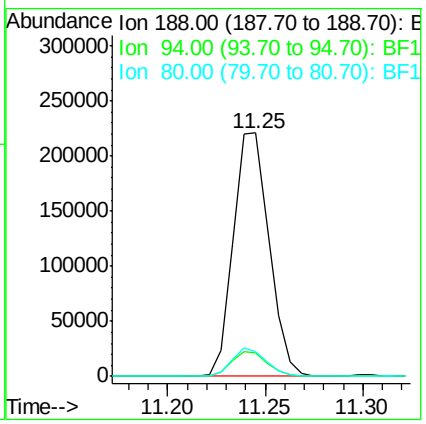


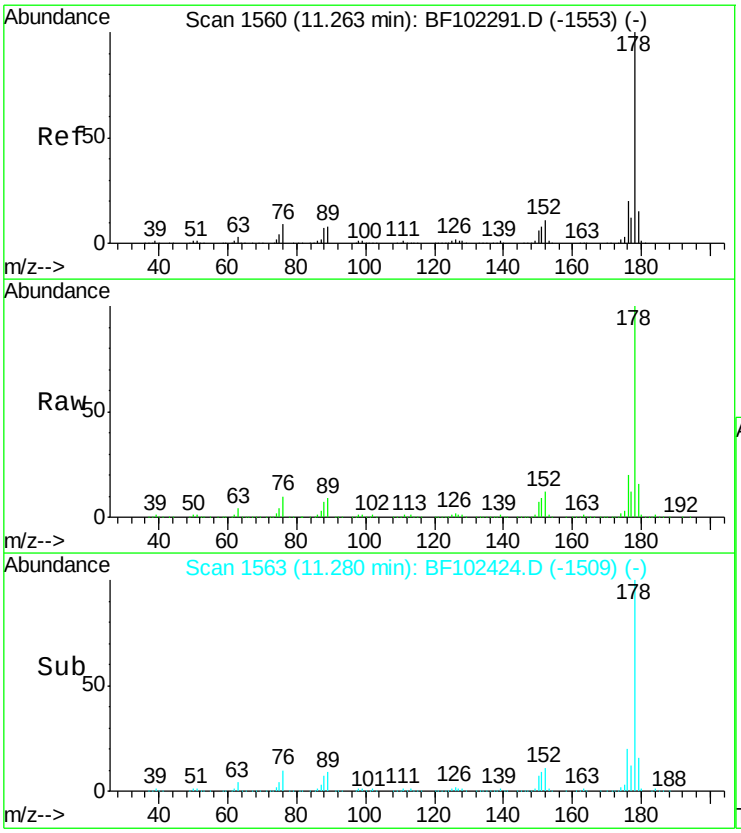

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:188 Resp: 280707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 8.5 | 12.7 |
| 80 | 10.4 | 9.2 | 13.8 |

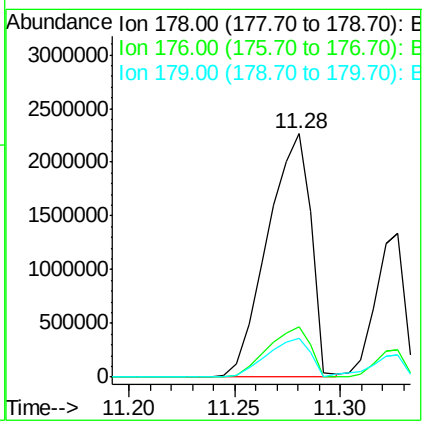


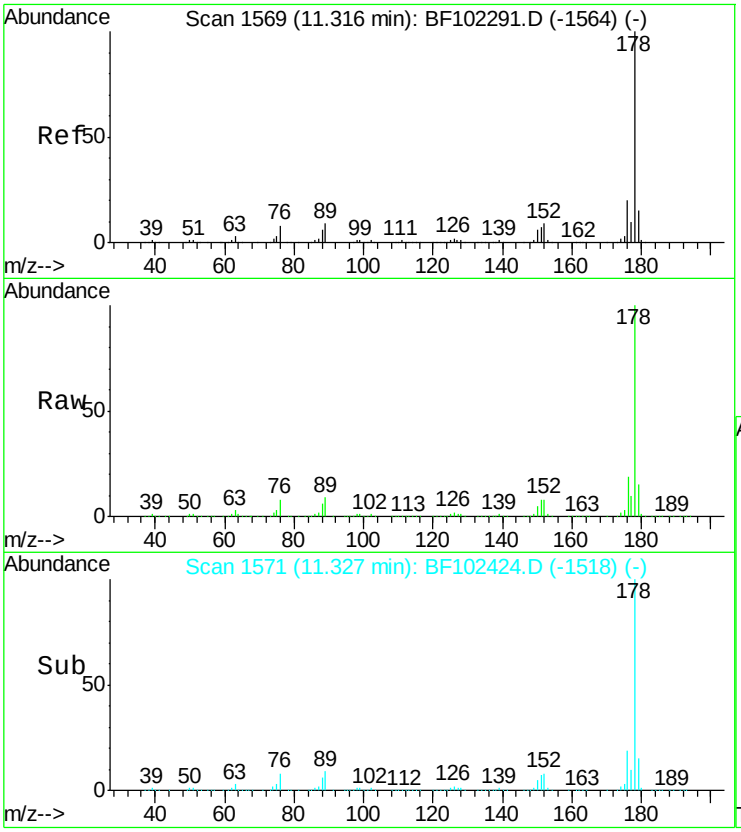




#70
Phenanthrene
Concen: 197.702 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:178 Resp: 3233890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 15.8 | 23.8 |
| 179 | 15.8 | 13.0 | 19.6 |



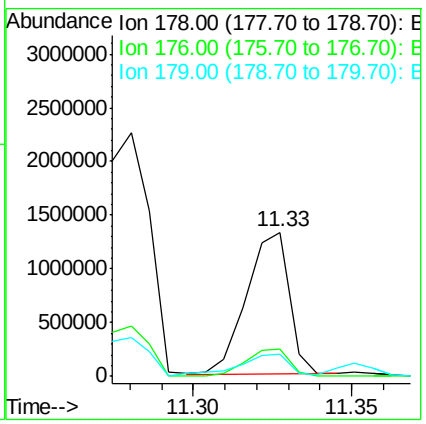


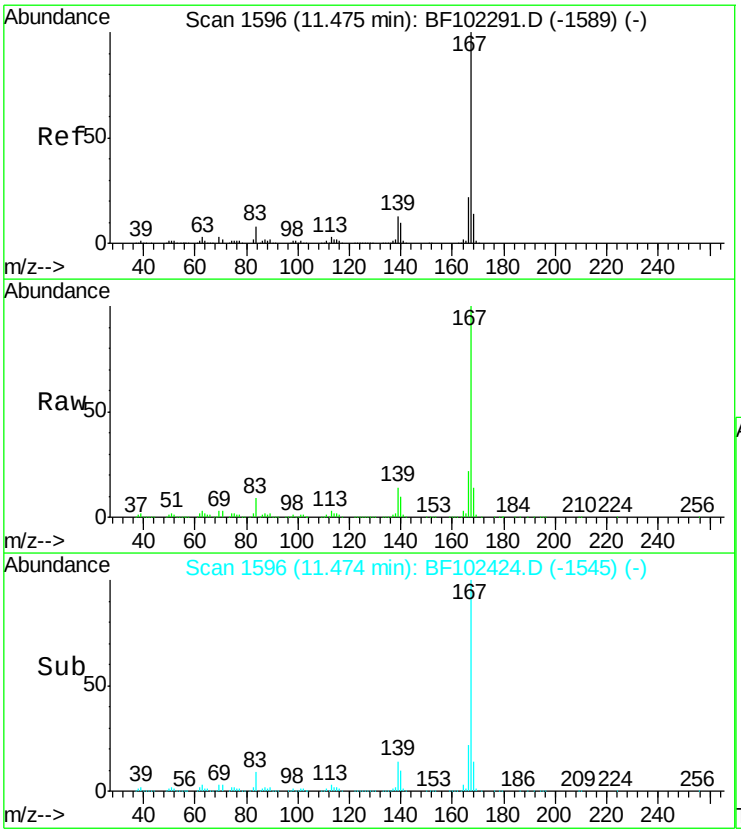

#71
Anthracene
Concen: 74.071 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:178 Resp: 1236680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.4 | 23.2 |
| 179 | 15.4 | 12.6 | 19.0 |

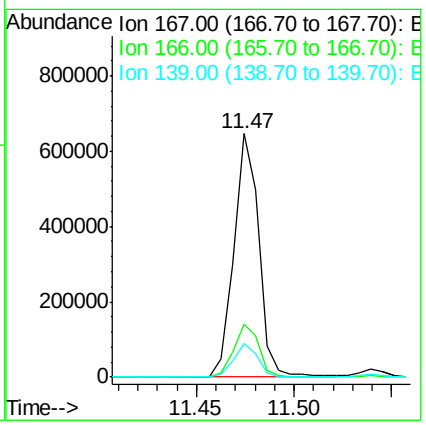


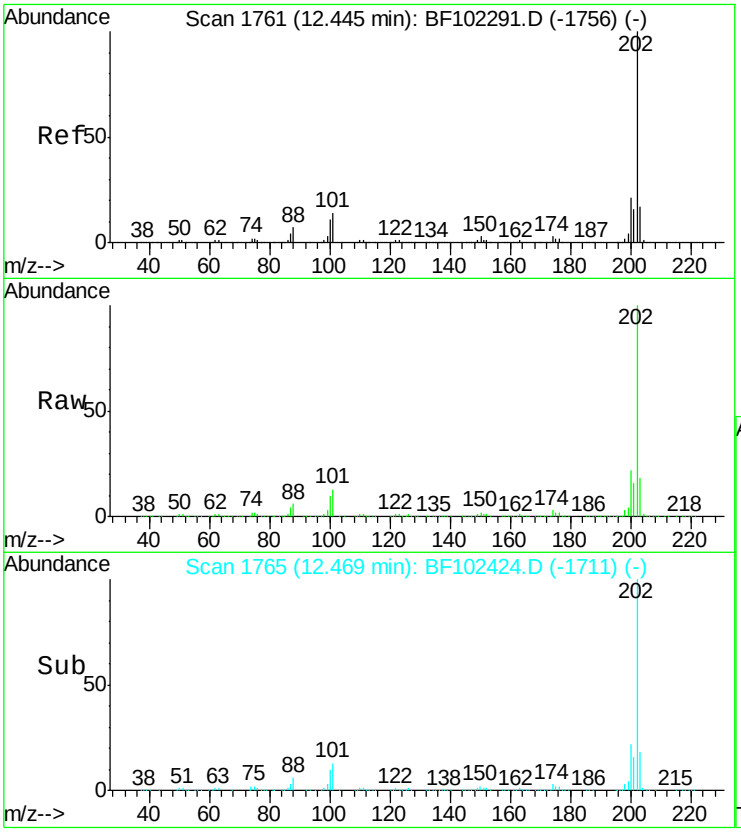




#72
Carbazole
Concen: 35.148 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:167 Resp: 572489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.6 | 26.4 |
| 139 | 13.7 | 10.9 | 16.3 |



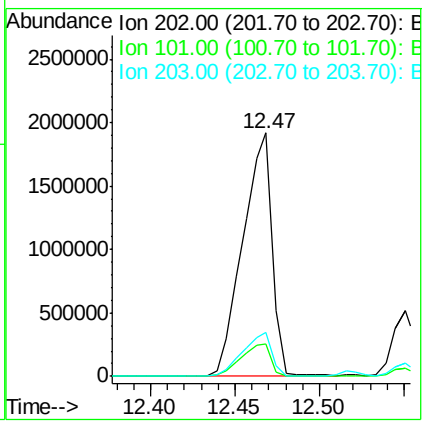


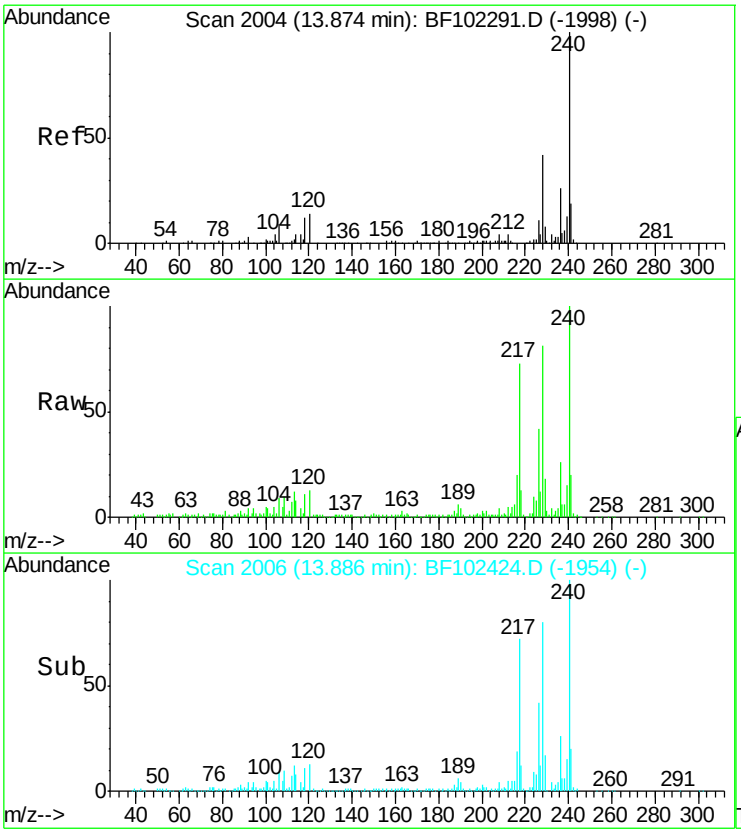

#74
Fluoranthene
Concen: 139.481 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:202 Resp: 2326619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 0.0 | 34.1 |
| 203 | 17.9 | 0.0 | 38.1 |

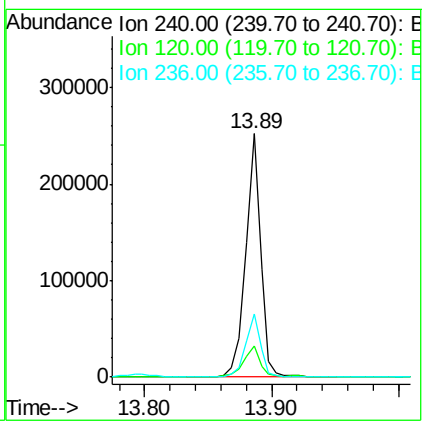


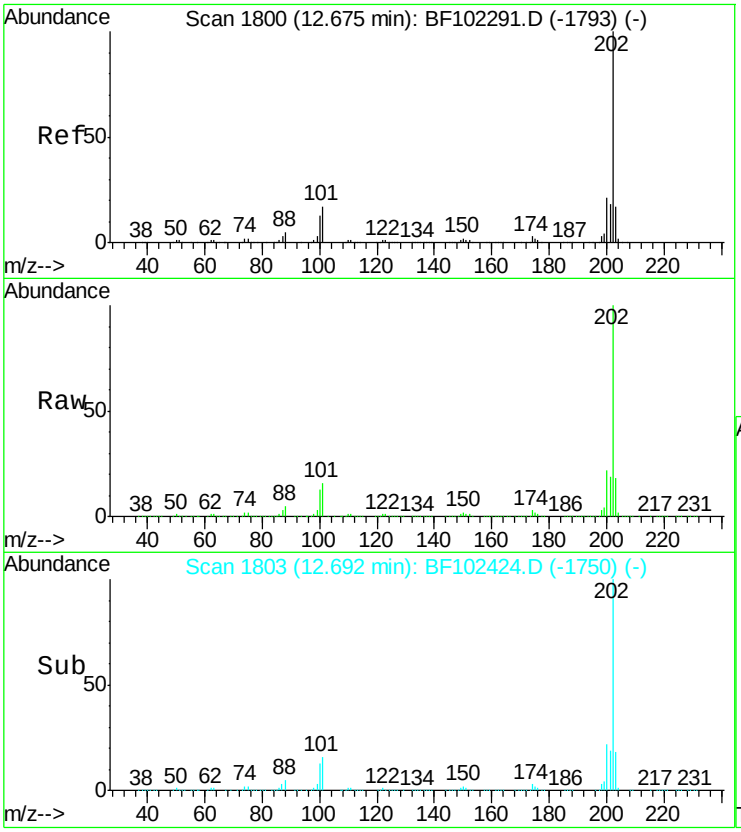




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:240 Resp: 203994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.0 | 9.5 | 14.3 |
| 236 | 26.2 | 20.7 | 31.1 |



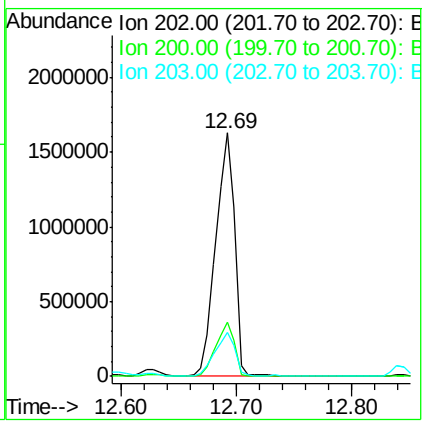


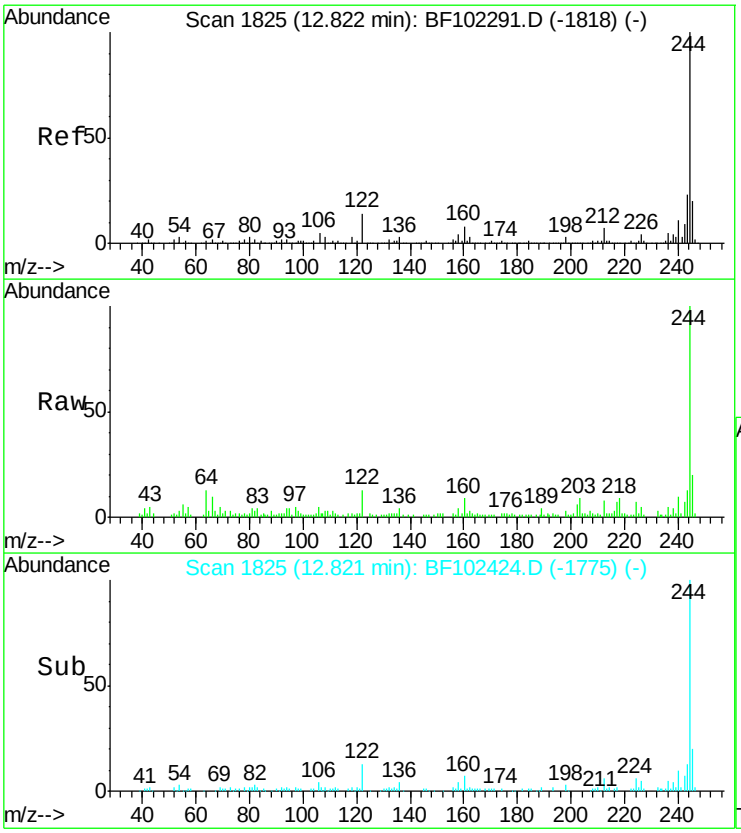

#77
Pyrene
Concen: 116.807 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:202 Resp: 1842292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.0 | 17.4 | 26.2 |
| 203 | 18.1 | 14.3 | 21.5 |

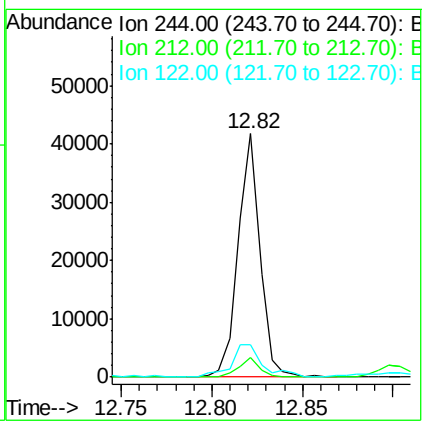


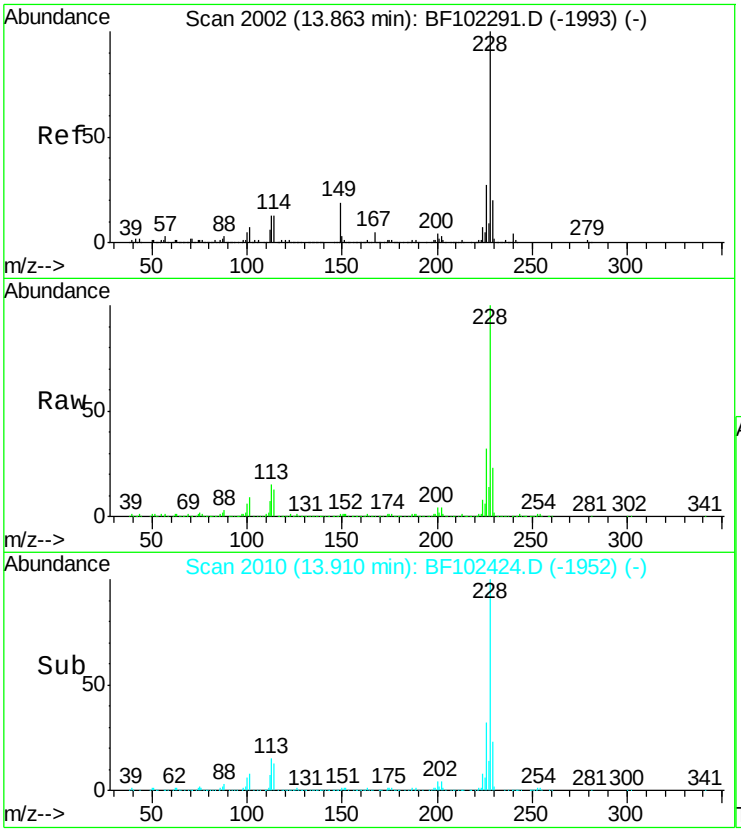




#78
Terphenyl-d14
Concen: 3.890 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:244 Resp: 35202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 5.4 | 8.0 |
| 122 | 13.4 | 11.0 | 16.4 |



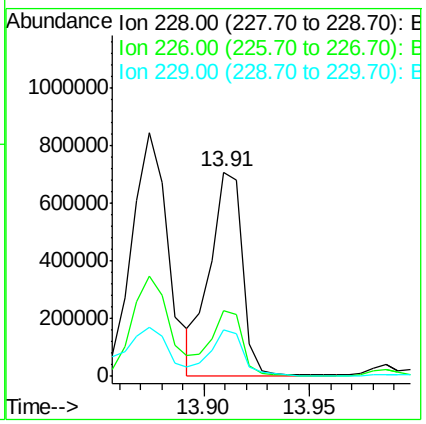


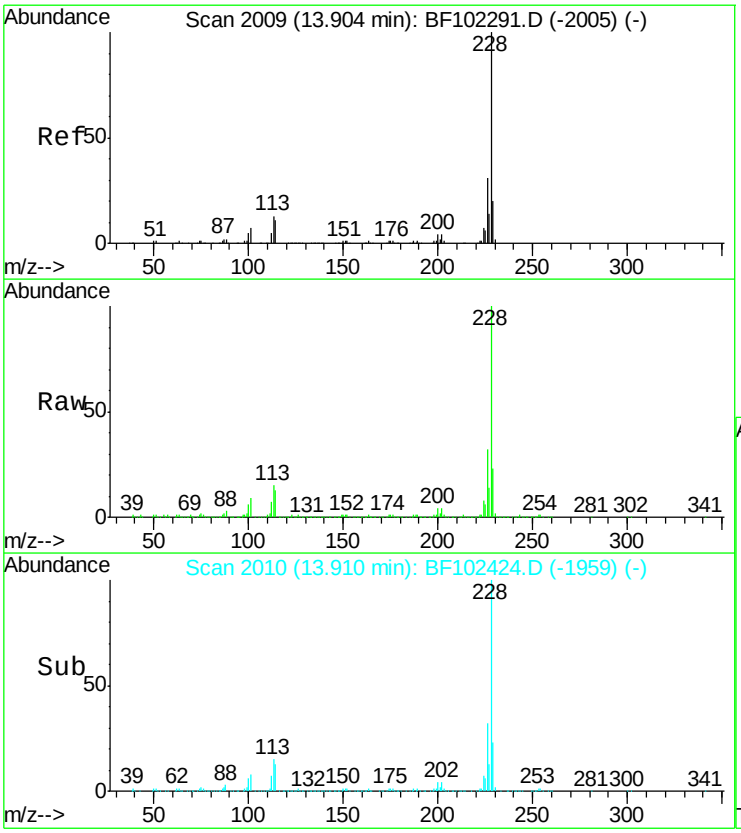

#80
Benzo(a)anthracene
Concen: 60.354 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:228 Resp: 758001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.0 | 22.6 | 33.8 |
| 229 | 22.9 | 15.8 | 23.6 |

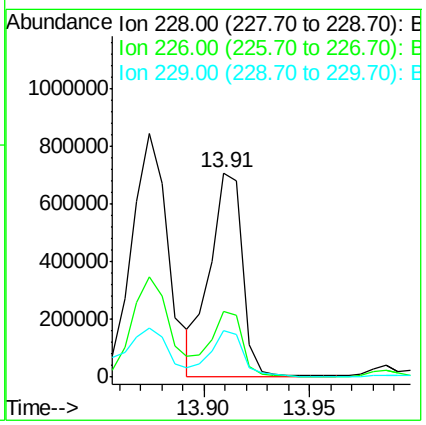


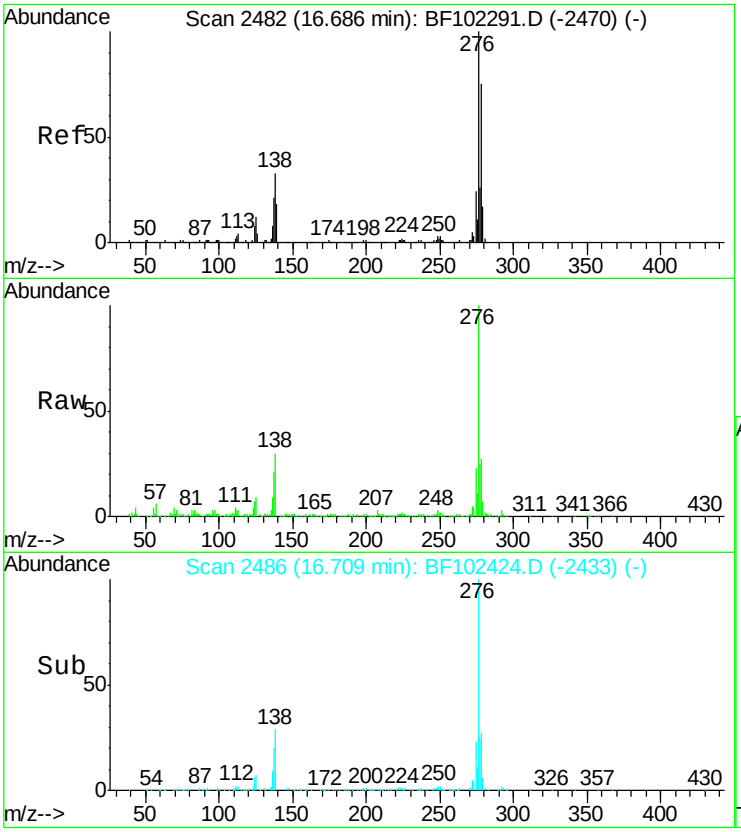




#82
Chrysene
Concen: 59.433 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:228 Resp: 758001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.0 | 25.0 | 37.6 |
| 229 | 22.9 | 16.2 | 24.4 |



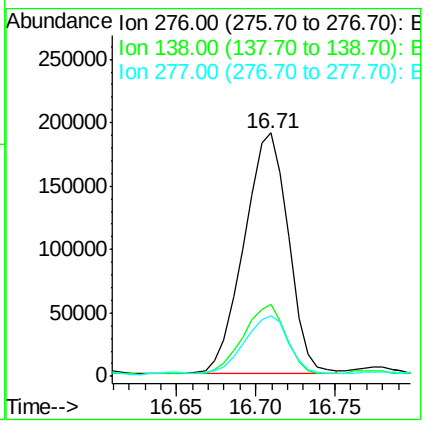


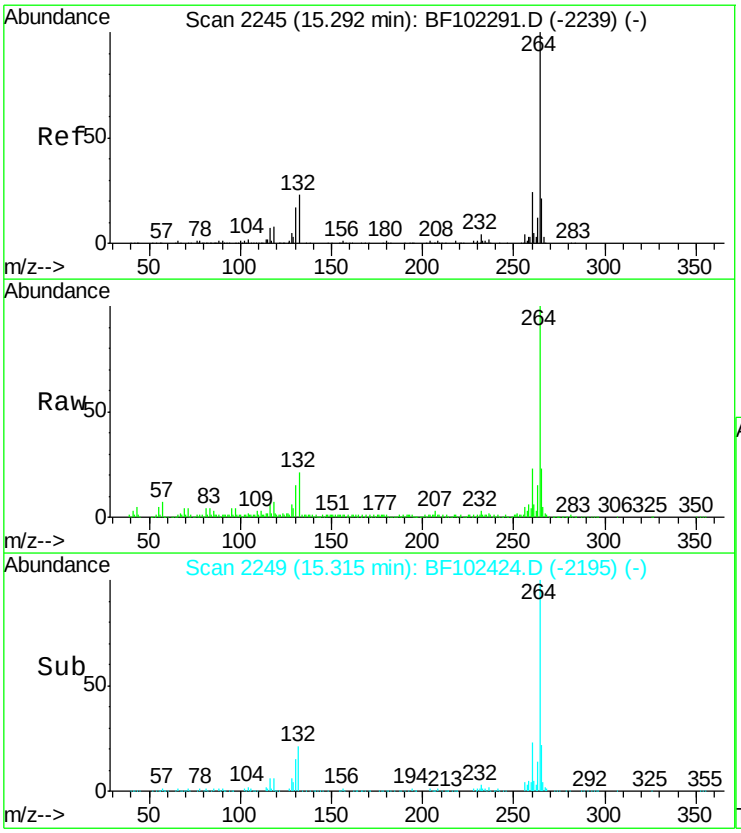

#85
Indeno(1,2,3-cd)pyrene
Concen: 35.179 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:276 Resp: 370534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.3 | 25.0 | 37.6 |
| 277 | 23.7 | 20.1 | 30.1 |

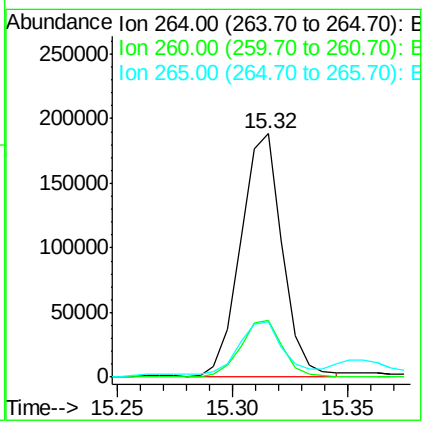


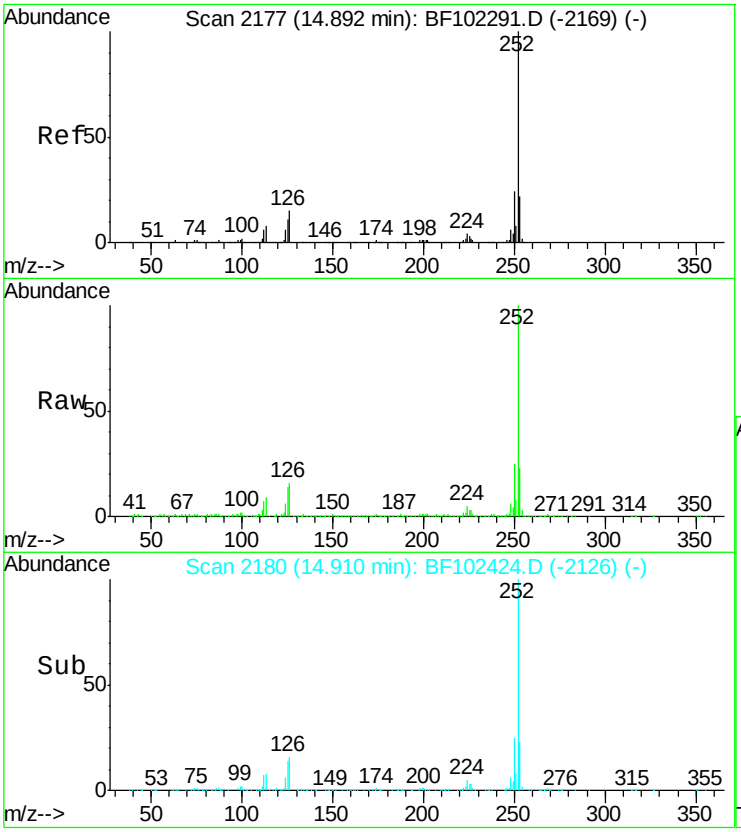




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:264 Resp: 235143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.2 | 28.8 |
| 265 | 22.6 | 17.5 | 26.3 |



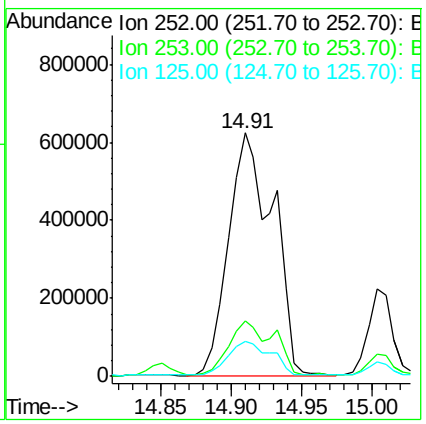


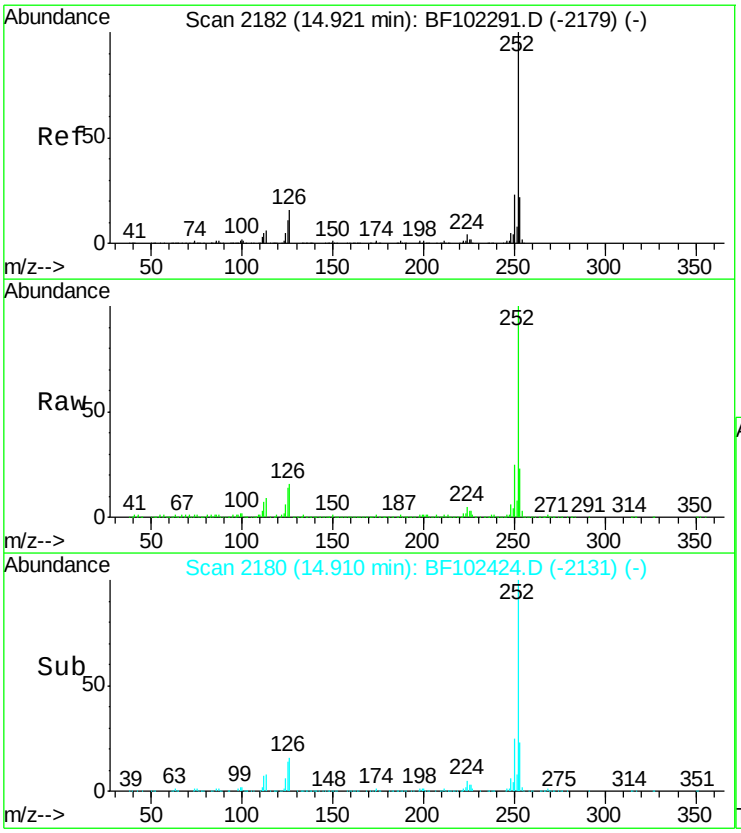

#87
Benzo(b)fluoranthene
Concen: 90.035 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:252 Resp: 1372210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.0 | 25.6 |
| 125 | 14.2 | 9.0 | 13.6# |

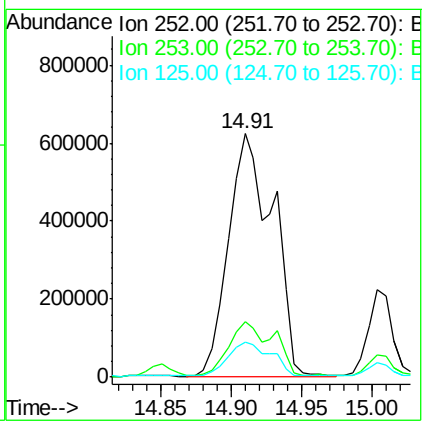


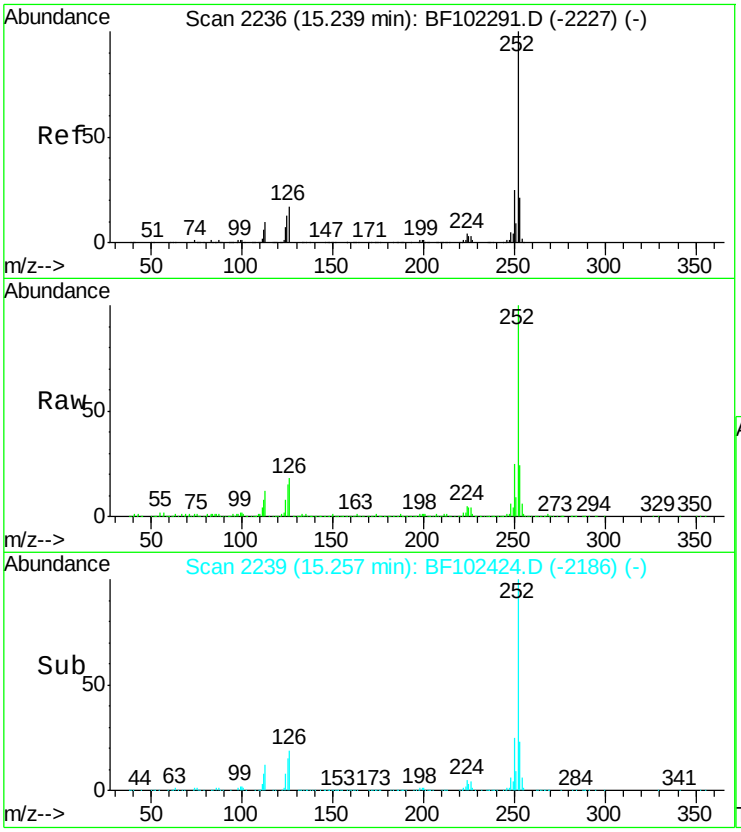




#88
Benzo(k)fluoranthene
Concen: 95.298 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:252 Resp: 1372210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.9 | 26.9 |
| 125 | 14.2 | 10.2 | 15.2 |



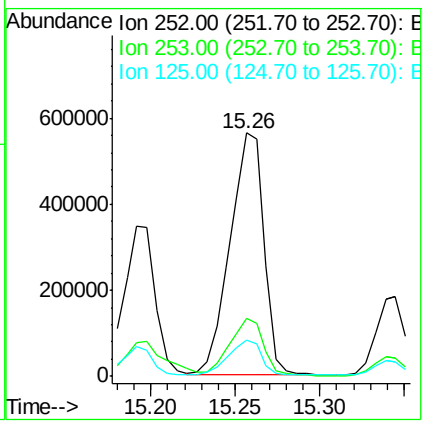


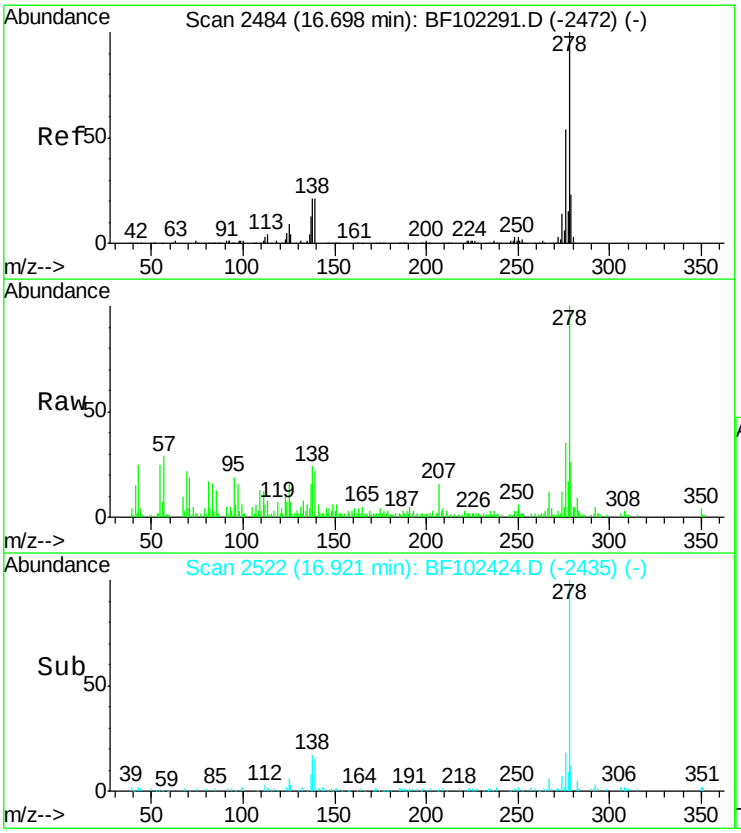

#89
Benzo(a)pyrene
Concen: 57.587 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:252 Resp: 791567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 17.1 | 25.7 |
| 125 | 14.8 | 9.8 | 14.6# |

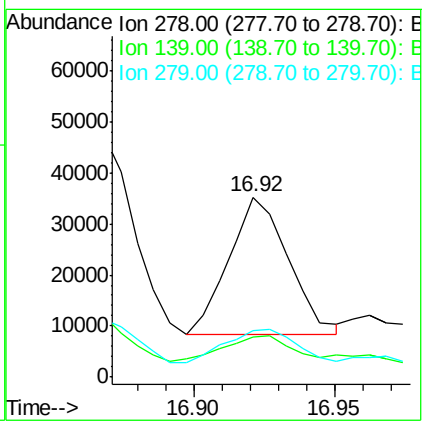


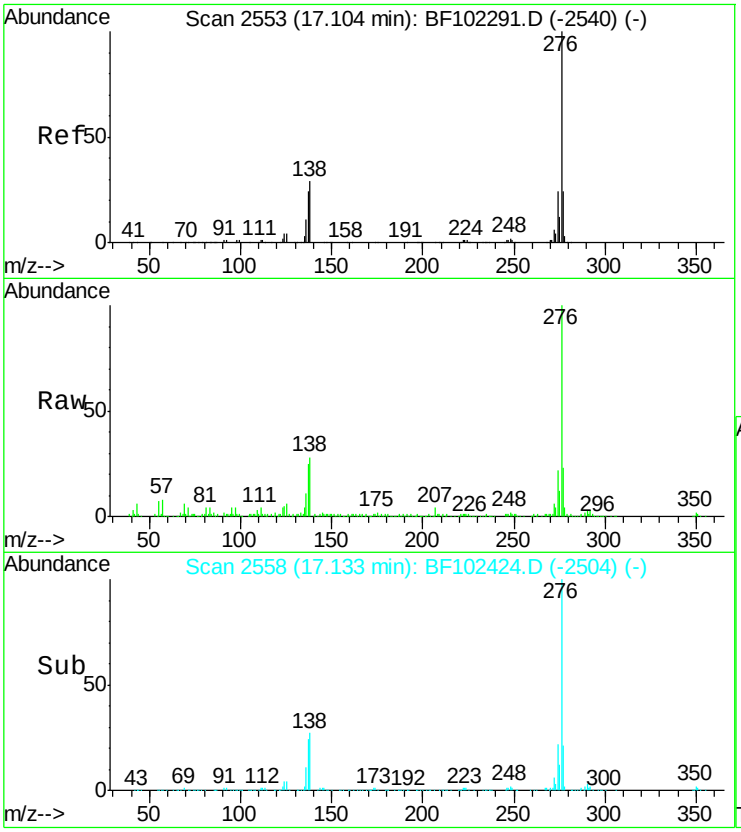




#90
Dibenzo(a,h)anthracene
Concen: 3.533 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.21 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:278 Resp: 39333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.2 | 15.9 | 23.9 |
| 279 | 26.1 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 27.694 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

**Instrument :**
BNA_F
**ClientSampleId :**
A2-SB99-BOT-8

Tgt Ion:276 Resp: 304467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.9 | 17.9 | 26.9 |
| 138 | 28.0 | 21.8 | 32.8 |