Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101740.D
Acq On : 27 Dec 2017 3:20
Operator : SJ/JU
Sample : I7021-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DB-SW1-15

Quant Time: Dec 27 05:03:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 113852 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 299649 | 20.00 | ng | | 0.01 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 101221 | 20.00 | ng | | 0.02 |
| 63) Phenanthrene-d10 | 11.36 | 188 | 143785 | 20.00 | ng | | 0.04 |
| 75) Chrysene-d12 | 14.01 | 240 | 124921 | 20.00 | ng | | 0.04 |
| 86) Perylene-d12 | 15.51 | 264 | 149311 | 20.00 | ng | | 0.08 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 467058 | 61.11 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 551071 | 57.93 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 214283 | 39.81 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.66 | 330 | 55311 | 56.71 | ng | | 0.04 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 295645 | 45.31 | ng | | 0.01 |
| 78) Terphenyl-d14 | 12.93 | 244 | 196127 | 37.85 | ng | | 0.04 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.45 | 94 | 25154 | 2.320 | ng | # | 40 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 27853 | 4.459 | ng | # | 63 |
| 22) Acetophenone | 7.25 | 105 | 15854 | 2.319 | ng | # | 19 |
| 25) Isophorone | 7.59 | 82 | 92556 | 8.571 | ng | # | 1 |
| 26) 2-Nitrophenol | 7.69 | 139 | 14440 | 5.642 | ng | # | 1 |
| 31) Naphthalene | 8.10 | 128 | 117041 | 7.759 | ng | # | 73 |
| 32) Benzoic acid | 7.90 | 122 | 1067 | 8.265 | ng | # | 1 |
| 33) 4-Chloroaniline | 8.19 | 127 | 24825 | 3.786 | ng | # | 62 |
| 35) Caprolactam | 8.53 | 113 | 14304 | 9.589 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 391355 | 39.819 | ng | | 97 |
| 42) 2,4,6-Trichlorophenol | 9.07 | 196 | 8667 | 4.213 | ng | # | 17 |
| 45) 1,1'-Biphenyl | 9.26 | 154 | 35676 | 3.974 | ng | | 93 |
| 47) 2-Nitroaniline | 9.44 | 65 | 5301 | 2.234 | ng | # | 44 |
| 48) Acenaphthylene | 9.71 | 152 | 30914 | 2.850 | ng | # | 1 |
| 50) 2,6-Dinitrotoluene | 9.60 | 165 | 23335 | 14.102 | ng | # | 65 |
| 51) Acenaphthene | 9.88 | 154 | 65156 | 9.996 | ng | # | 77 |
| 52) 3-Nitroaniline | 9.79 | 138 | 6818 | 3.305 | ng | # | 40 |
| 53) 2,4-Dinitrophenol | 9.89 | 184 | 775 | 11.492 | ng | # | 1 |
| 54) Dibenzofuran | 10.06 | 168 | 95378 | 11.515 | ng | # | 1 |
| 55) 4-Nitrophenol | 9.96 | 139 | 79198 | 88.037 | ng | # | 34 |
| 56) 2,4-Dinitrotoluene | 10.06 | 165 | 29647 | 15.902 | ng | # | 54 |
| 57) Fluorene | 10.41 | 166 | 88496 | 12.629 | ng | # | 64 |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204 | 14116 | 4.203 | ng | # | 1 |
| 61) 4-Nitroaniline | 10.31 | 138 | 12715 | 6.131 | ng | | 99 |
| 62) Azobenzene | 10.53 | 77 | 19060 | 2.282 | ng | # | 1 |
| 64) 4,6-Dinitro-2-methylphenol | 10.47 | 198 | 2240 | 3.053 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 10.52 | 169 | 361590 | 68.106 | ng | # | 48 |
| 68) Atrazine | 11.06 | 200 | 3583 | 2.263 | ng | # | 1 |
| 69) Pentachlorophenol | 11.17 | 266 | 2949 | 10.628 | ng | # | 22 |
| 70) Phenanthrene | 11.38 | 178 | 267290 | 33.428 | ng | # | 81 |
| 71) Anthracene | 11.47 | 178 | 96262 | 11.786 | ng | # | 1 |
| 74) Fluoranthene | 12.57 | 202 | 25456 | 3.033 | ng | # | 31 |
| 77) Pyrene | 12.81 | 202 | 58082 | 6.195 | ng | # | 58 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 58108 | 7.044 | ng | # | 25 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101740.D
Acq On : 27 Dec 2017 3:20
Operator : SJ/JU
Sample : I7021-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DB-SW1-15

Quant Time: Dec 27 05:03:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 82) Chrysene | 14.02 | 228 | 58363 | 7.494 | ng | # | 32 |

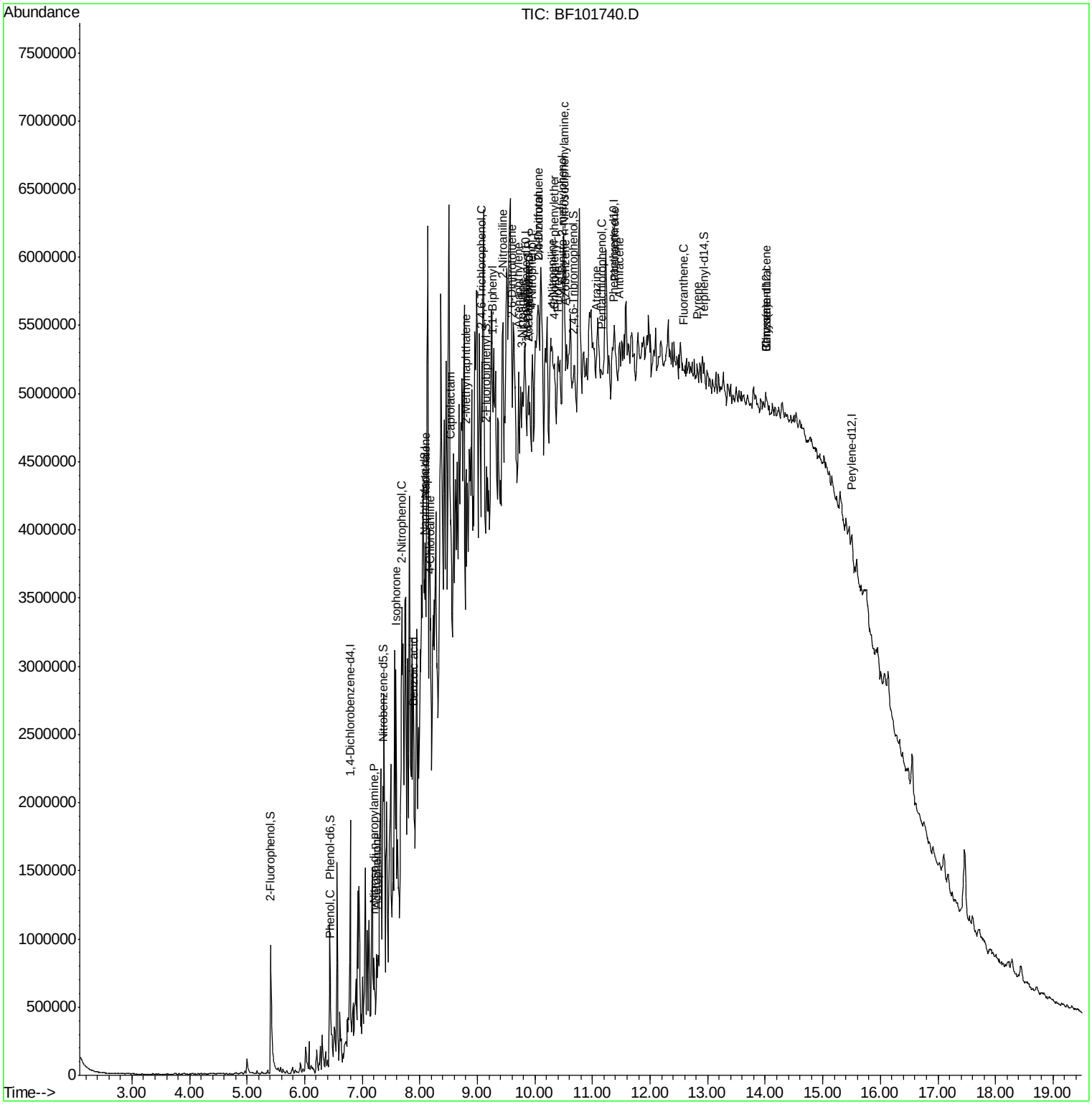
(#) = qualifier out of range (m) = manual integration (+) = signals summed

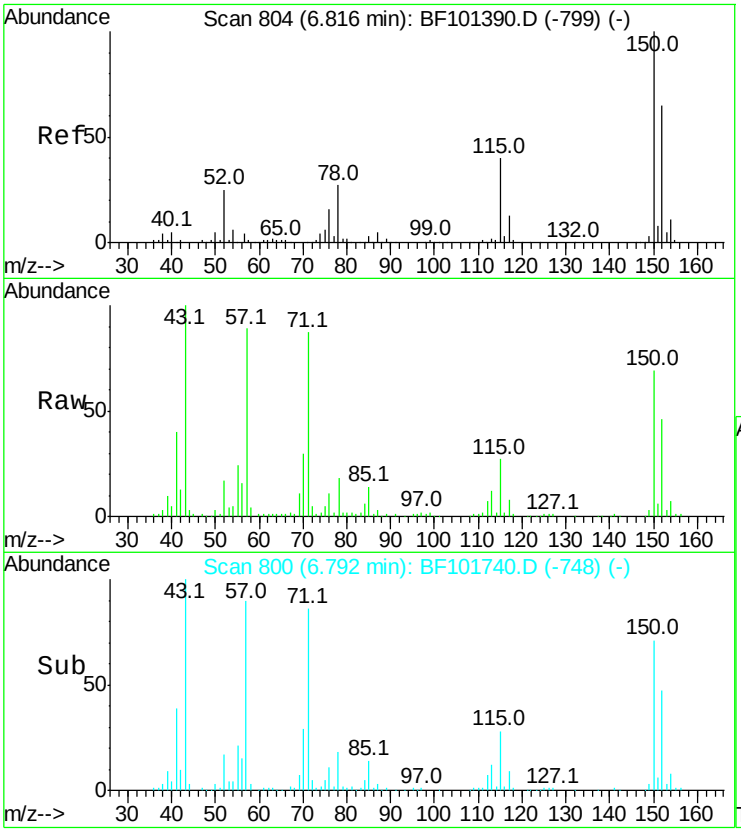
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101740.D
Acq On : 27 Dec 2017 3:20
Operator : SJ/JU
Sample : I7021-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Quant Time: Dec 27 05:03:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



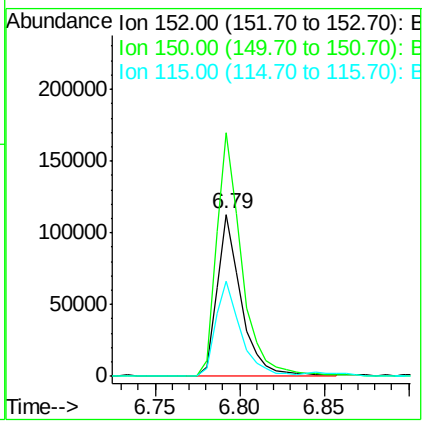


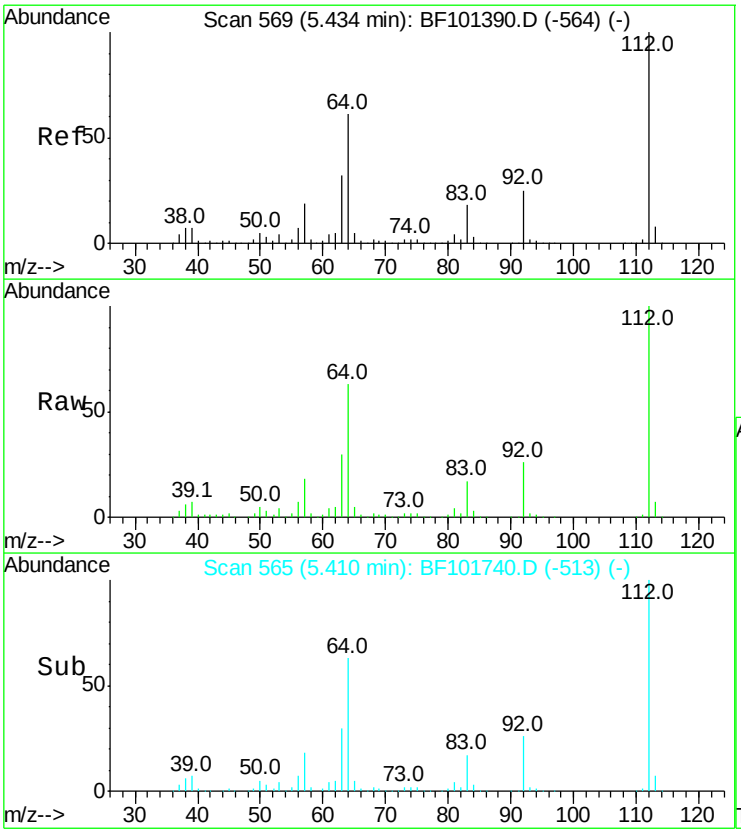

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:152 Resp: 113852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.5 | 124.6 | 186.8 |
| 115 | 58.6 | 50.1 | 75.1 |

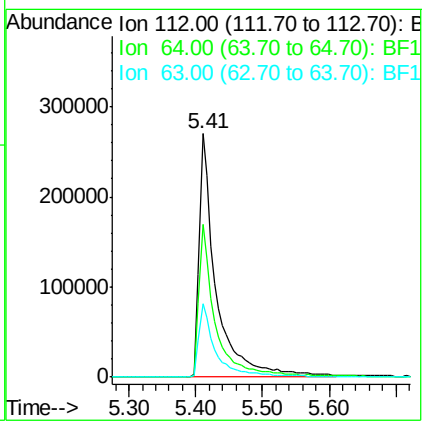


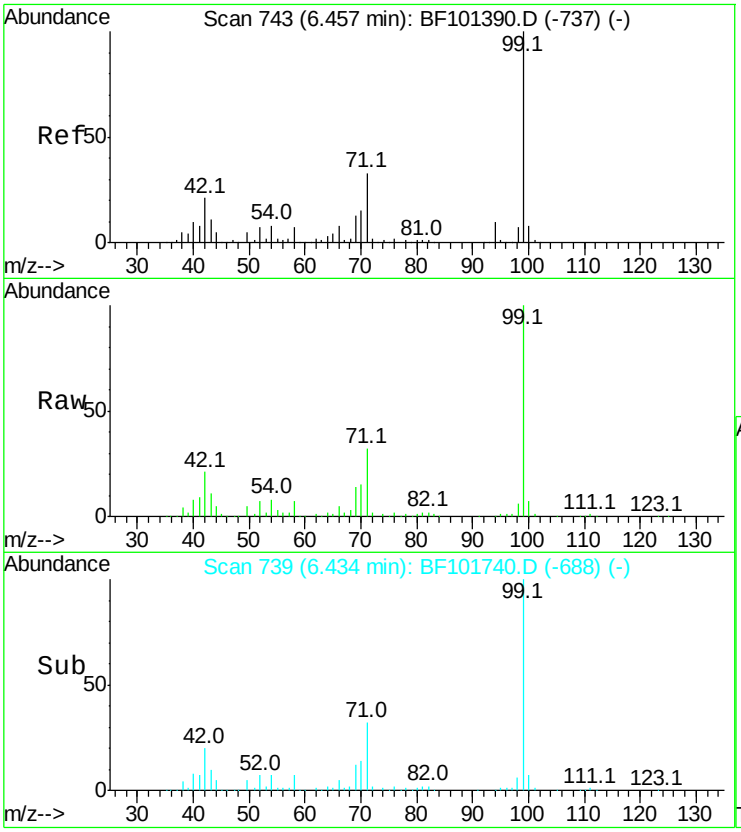




#5
2-Fluorophenol
Concen: 61.107 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:112 Resp: 467058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.8 | 47.9 | 71.9 |
| 63 | 29.9 | 23.7 | 35.5 |



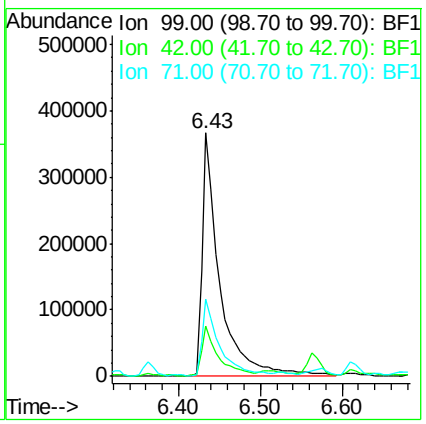


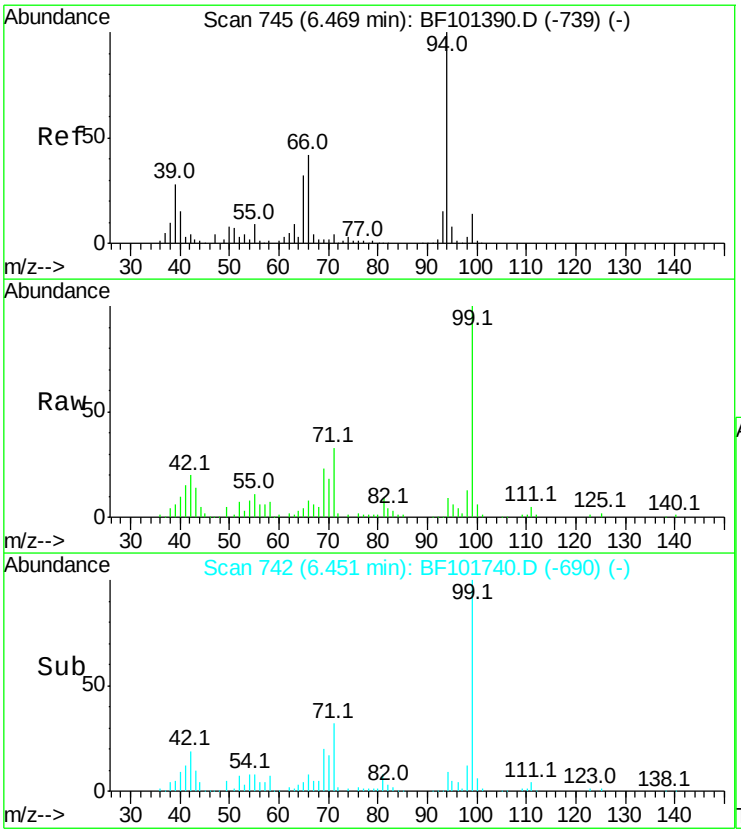

#7
Phenol-d6
Concen: 57.932 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion: 99 Resp: 551071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 14.5 | 21.7 |
| 71 | 32.0 | 25.4 | 38.0 |

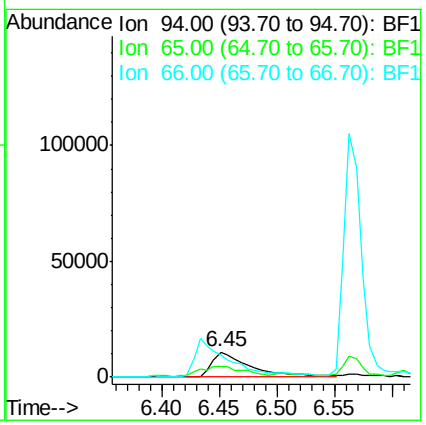


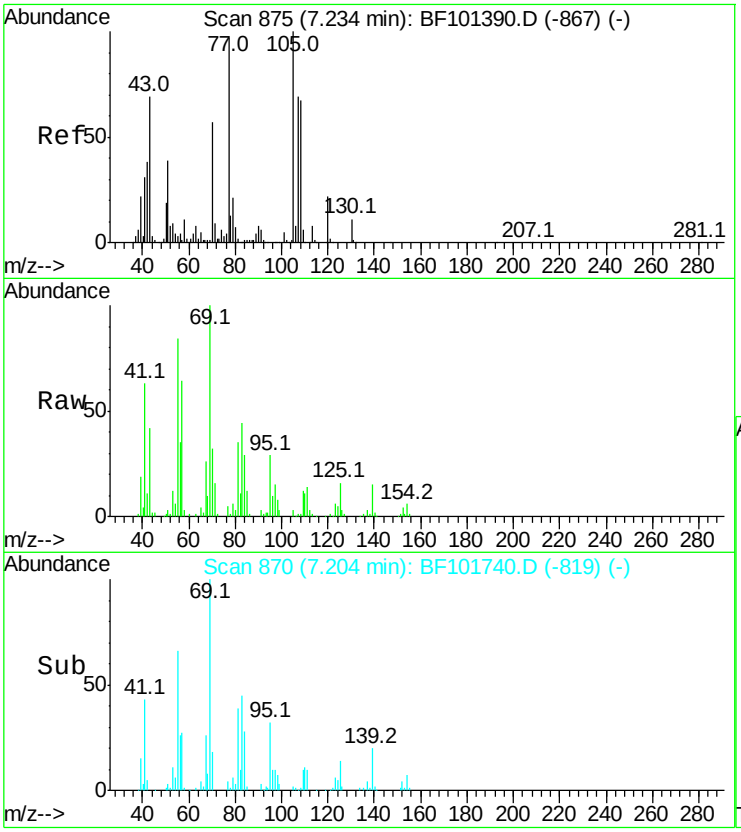




#10
Phenol
Concen: 2.320 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion: 94 Resp: 25154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 40.9 | 7.9 | 47.9 |
| 66 | 87.8 | 16.2 | 56.2# |



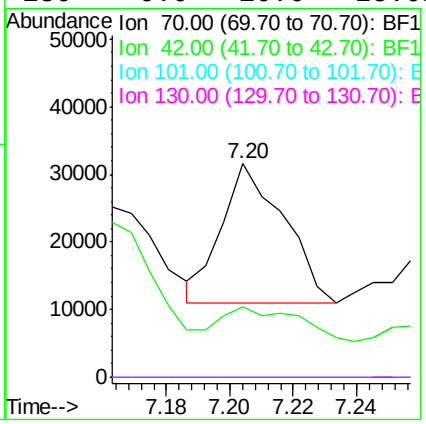


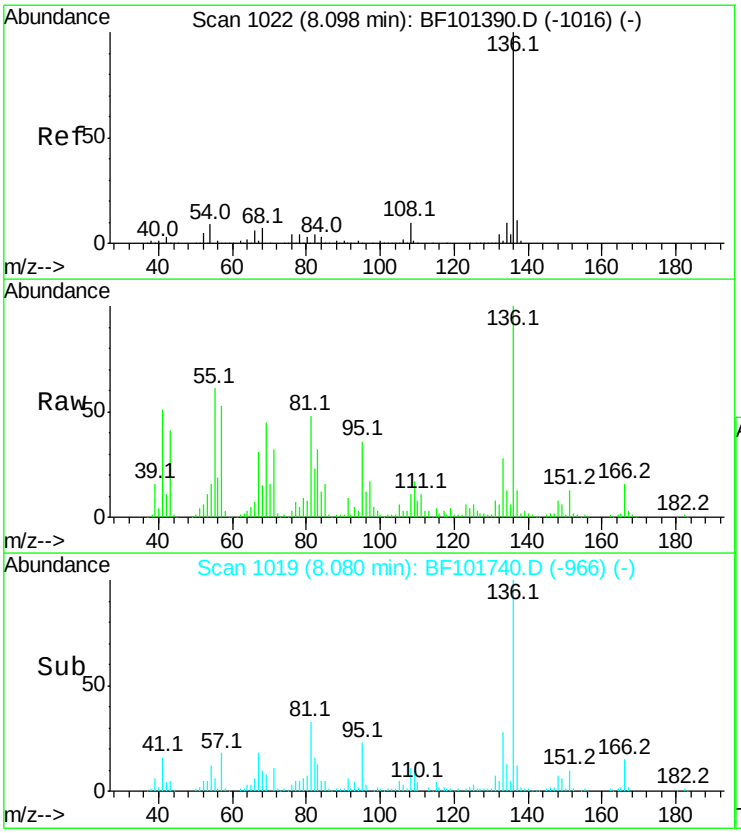

#19
n-Nitroso-di-n-propylamine
Concen: 4.459 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion: 70 Resp: 27853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 32.7 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 0.0 | 16.6 | 25.0# |

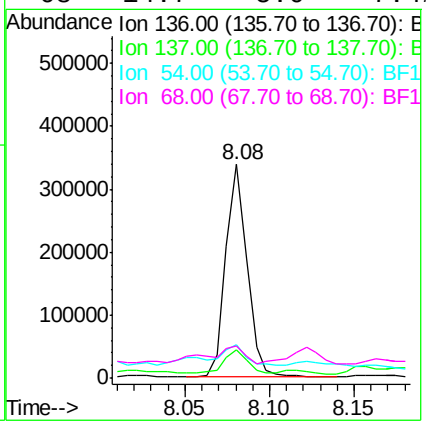


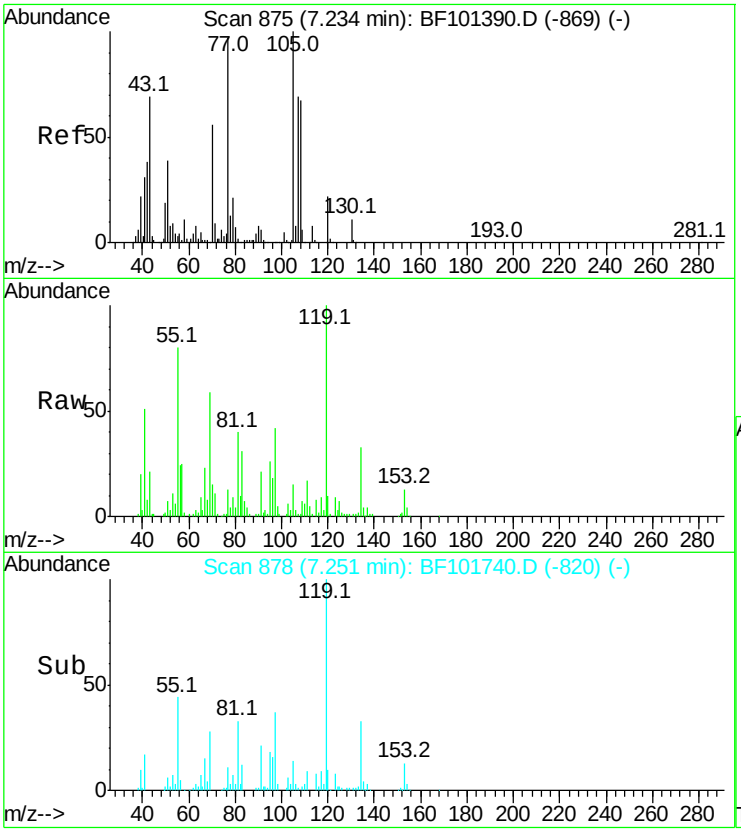




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:136 Resp: 299649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.2 | 8.9 | 13.3 |
| 54 | 15.6 | 6.6 | 9.8# |
| 68 | 14.7 | 5.0 | 7.4# |



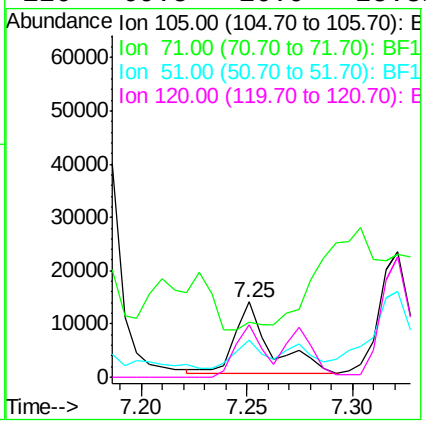


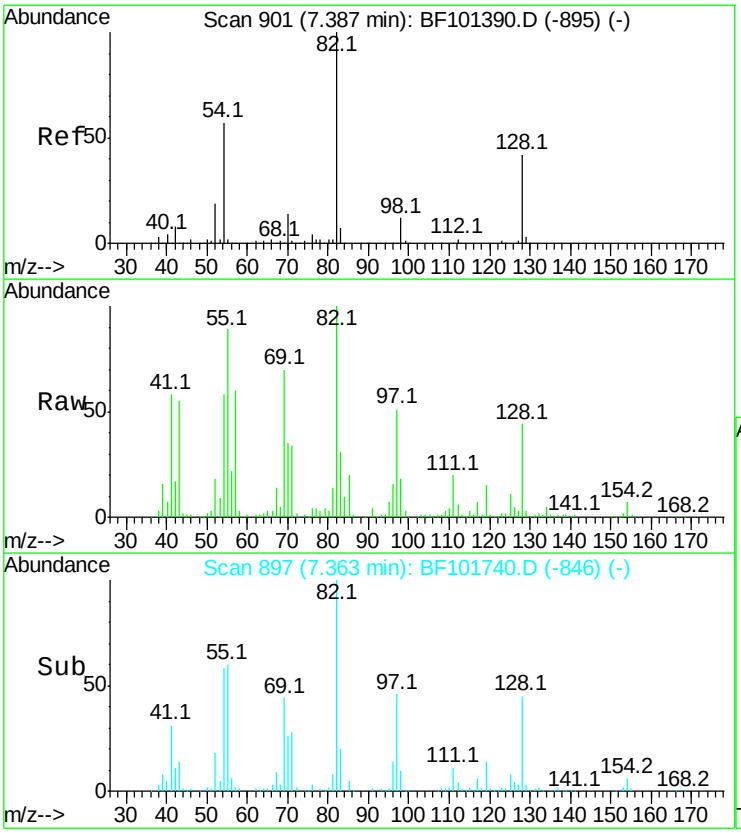

#22
Acetophenone
Concen: 2.319 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:105 Resp: 15854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 73.8 | 4.4 | 6.6# |
| 51 | 48.8 | 22.3 | 33.5# |
| 120 | 69.5 | 16.9 | 25.3# |

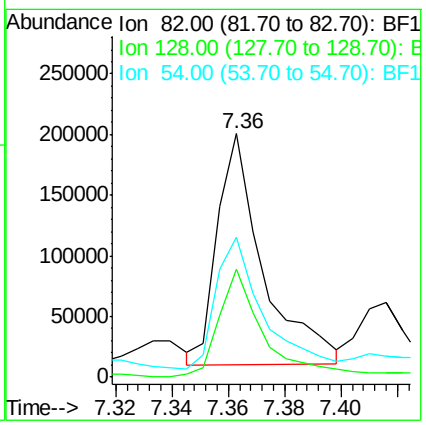


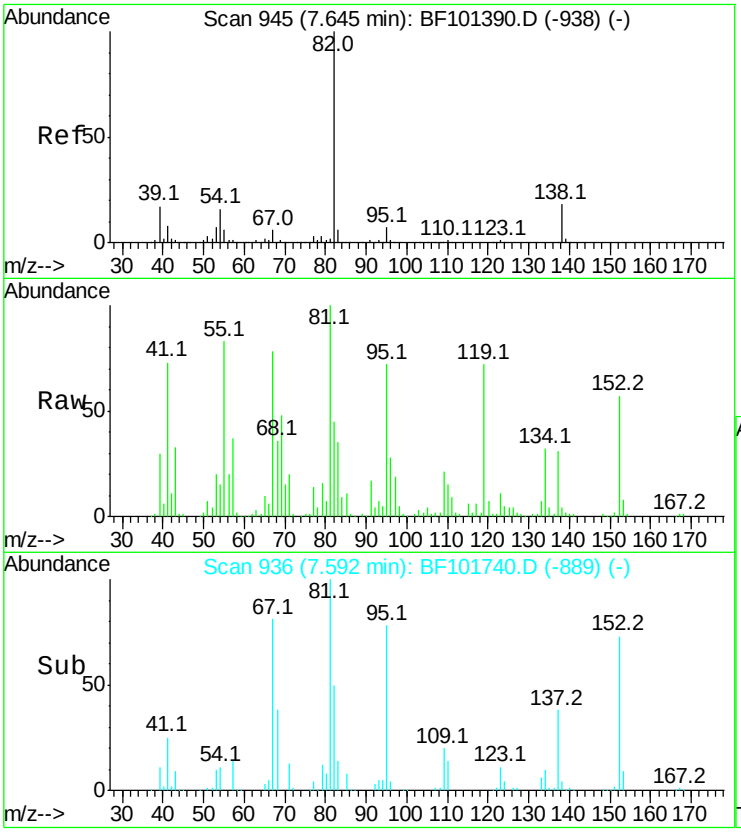




#23
Nitrobenzene-d5
Concen: 39.807 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion: 82 Resp: 214283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.2 | 36.1 | 54.1 |
| 54 | 57.6 | 41.4 | 62.2 |



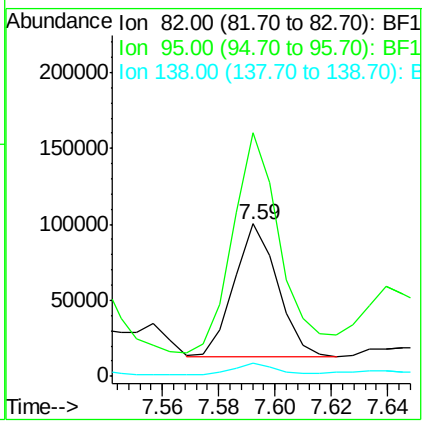


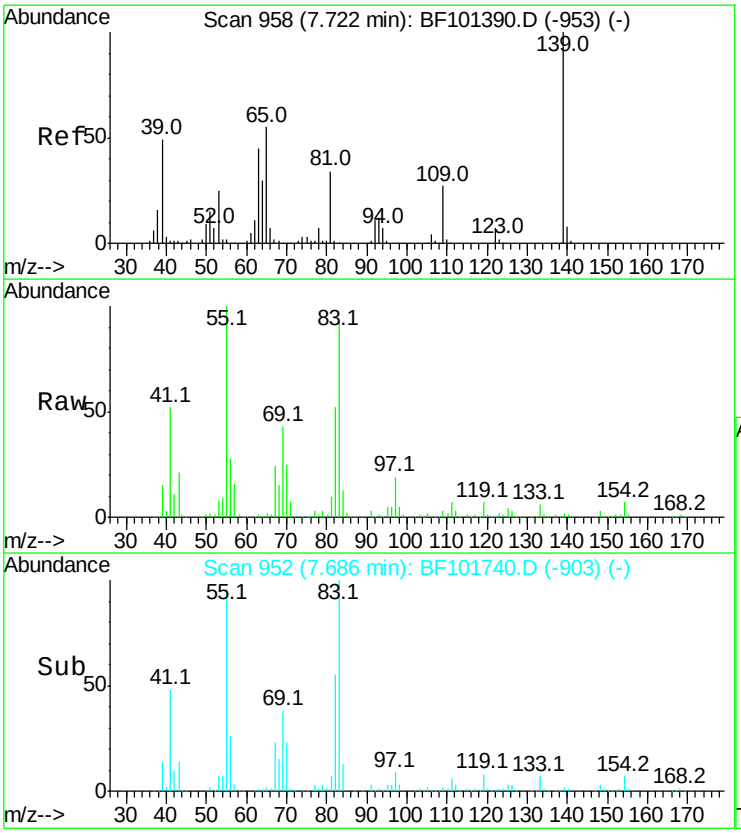

#25
Isophorone
Concen: 8.571 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion: 82 Resp: 92556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 159.6 | 5.2 | 7.8# |
| 138 | 8.5 | 14.9 | 22.3# |

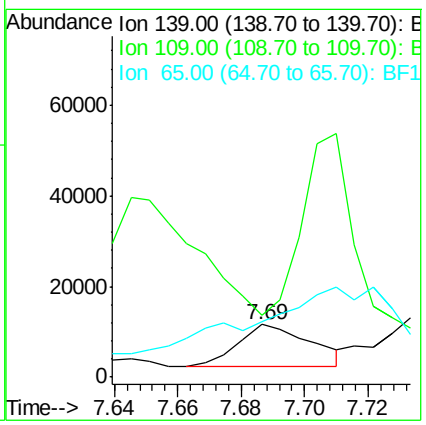


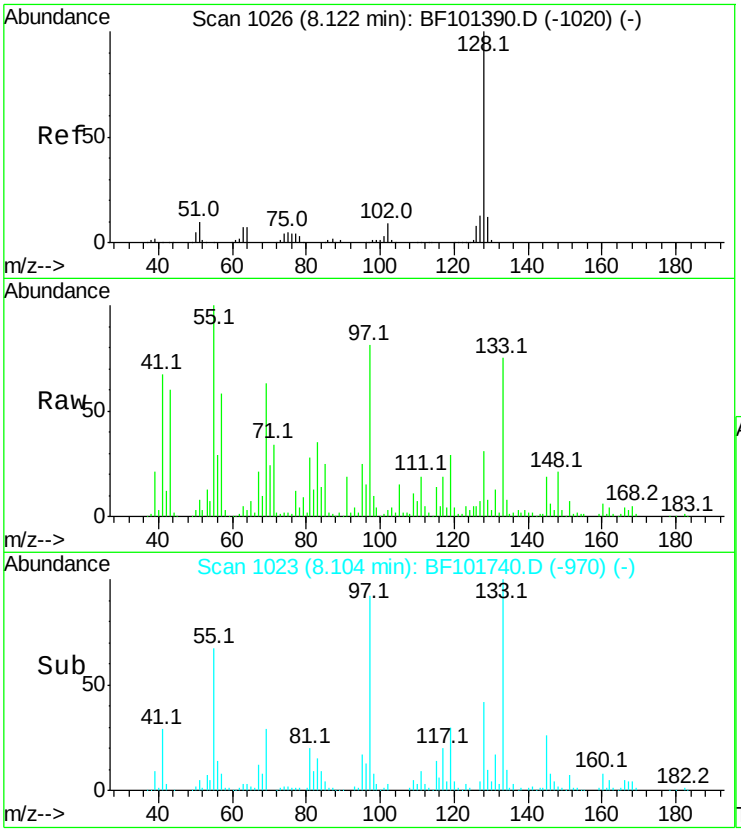




#26
2-Nitrophenol
Concen: 5.642 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:139 Resp: 14440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 118.5 | 22.7 | 34.1# |
| 65 | 104.6 | 40.5 | 60.7# |



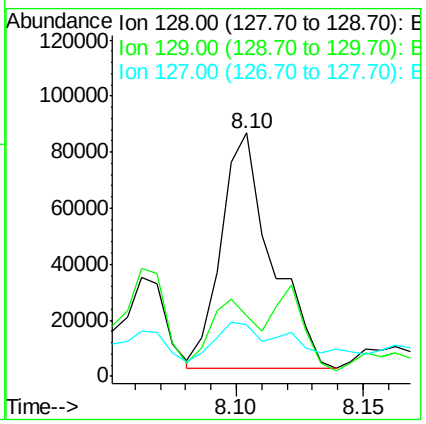


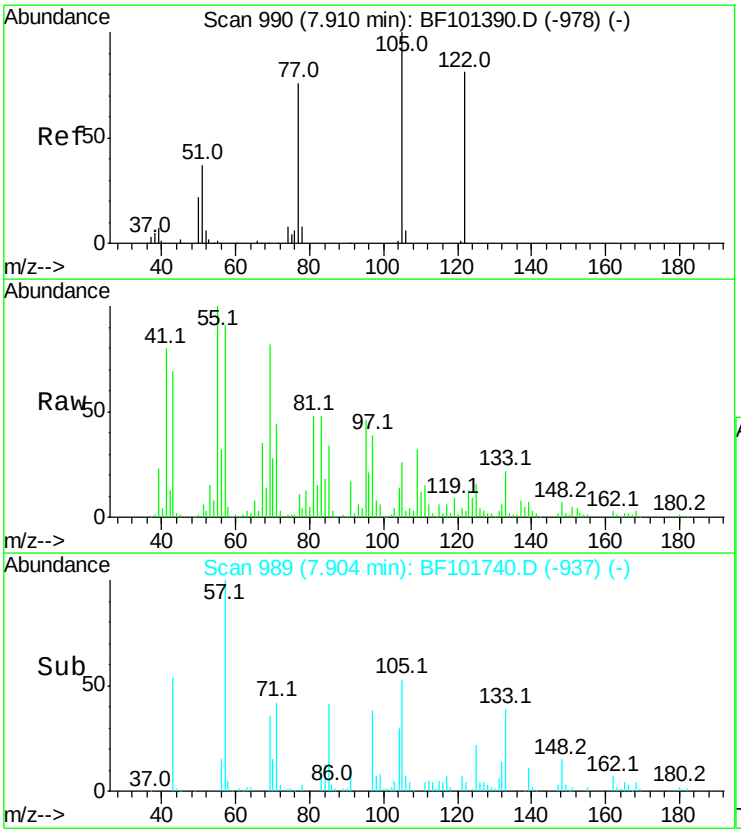

#31
Naphthalene
Concen: 7.759 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:128 Resp: 117041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 25.0 | 8.8 | 13.2# |
| 127 | 21.3 | 10.9 | 16.3# |

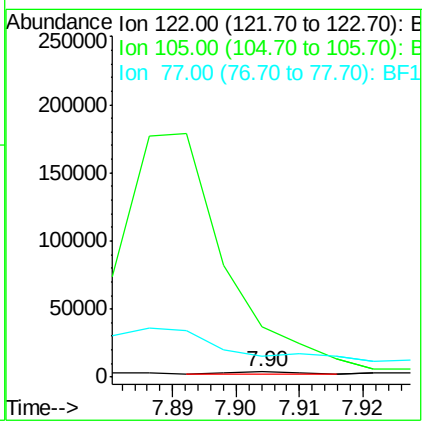


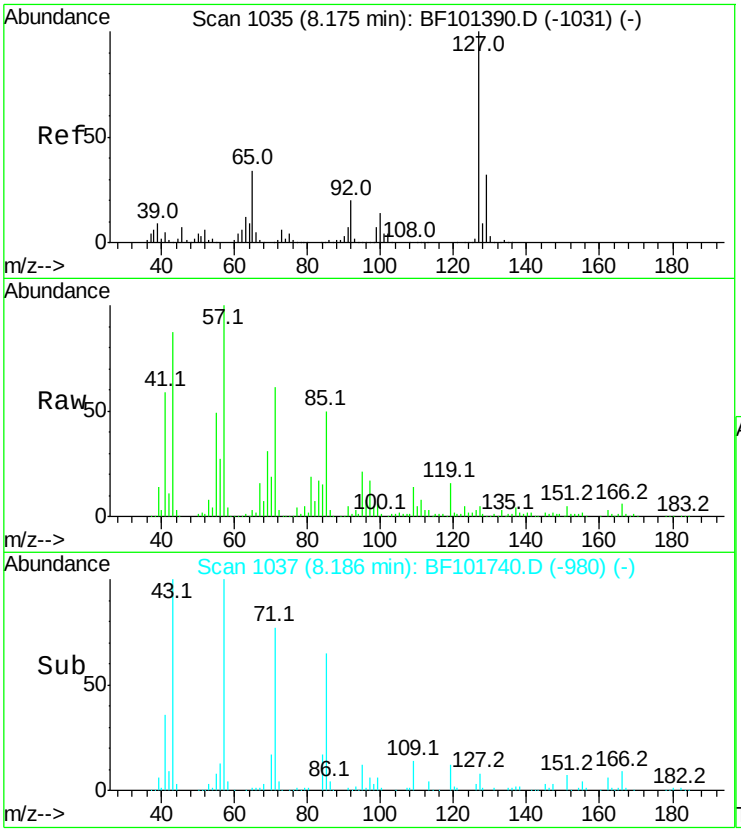




#32
Benzoic acid
Concen: 8.265 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:122 Resp: 1067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 943.2 | 101.1 | 141.1# |
| 77 | 393.8 | 70.7 | 110.7# |



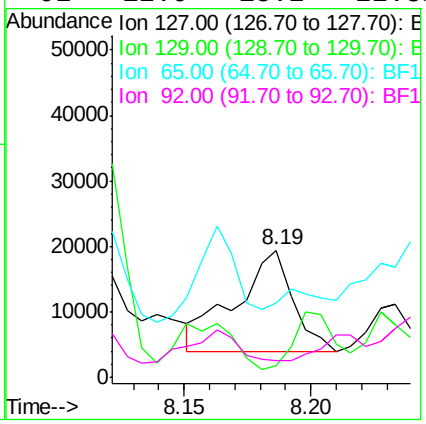


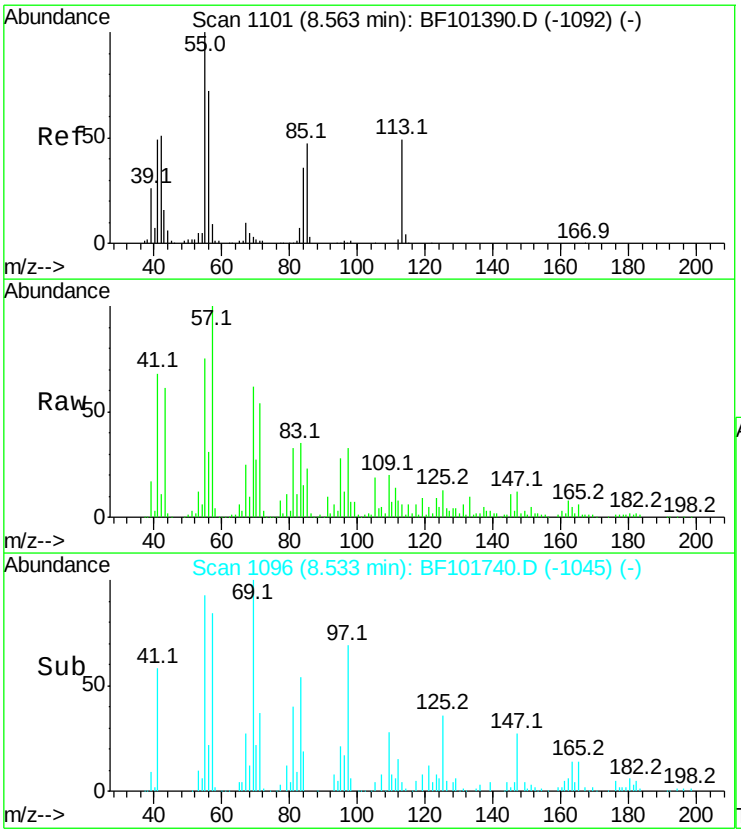

#33
4-Chloroaniline
Concen: 3.786 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:127 Resp: 24825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 9.3 | 25.9 | 38.9# |
| 65 | 57.9 | 25.0 | 37.4# |
| 92 | 12.9 | 15.2 | 22.8# |

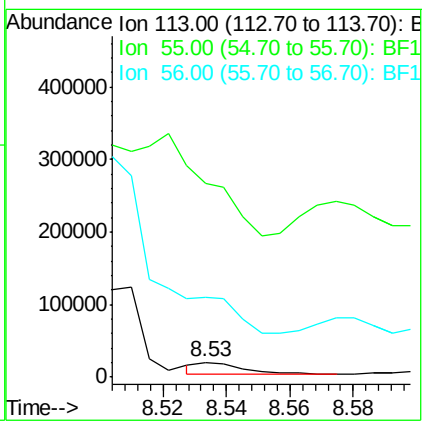


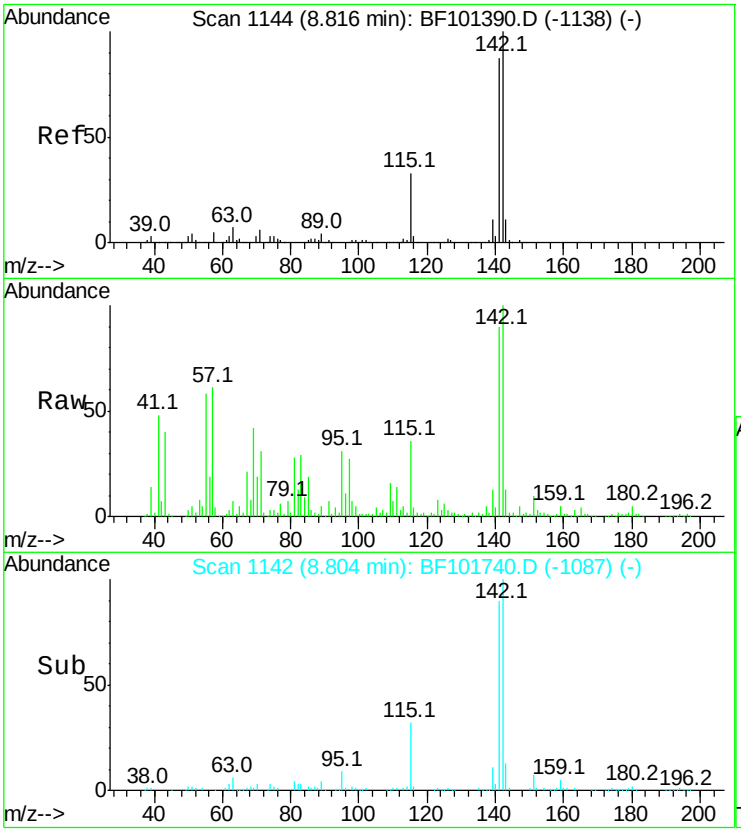




#35
Caprolactam
Concen: 9.589 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:113 Resp: 14304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 1277.1 | 163.3 | 203.3# |
| 56 | 523.9 | 115.7 | 155.7# |



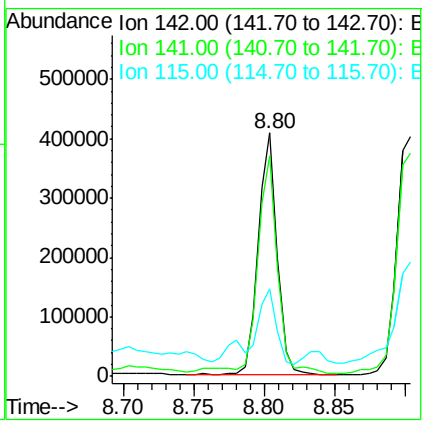


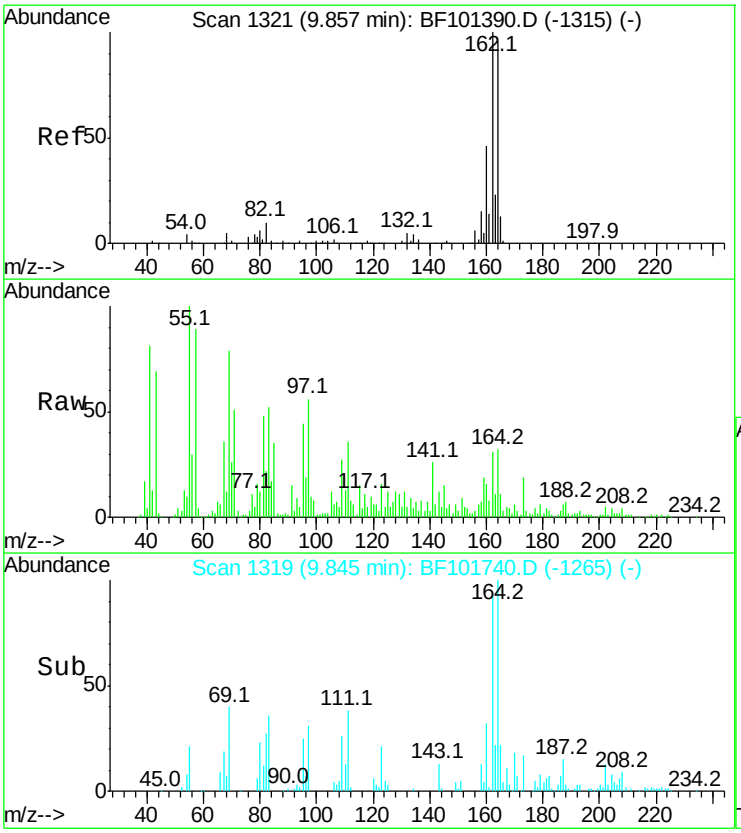

#37
2-Methylnaphthalene
Concen: 39.819 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:142 Resp: 391355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 70.8 | 106.2 |
| 115 | 36.1 | 26.1 | 39.1 |

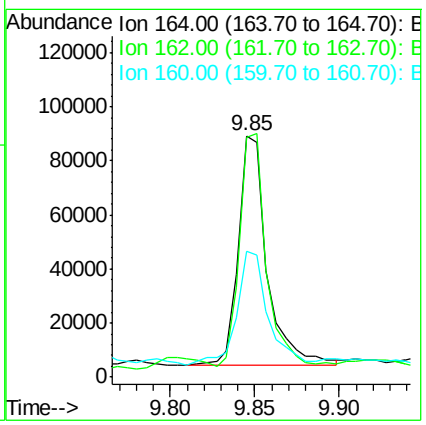


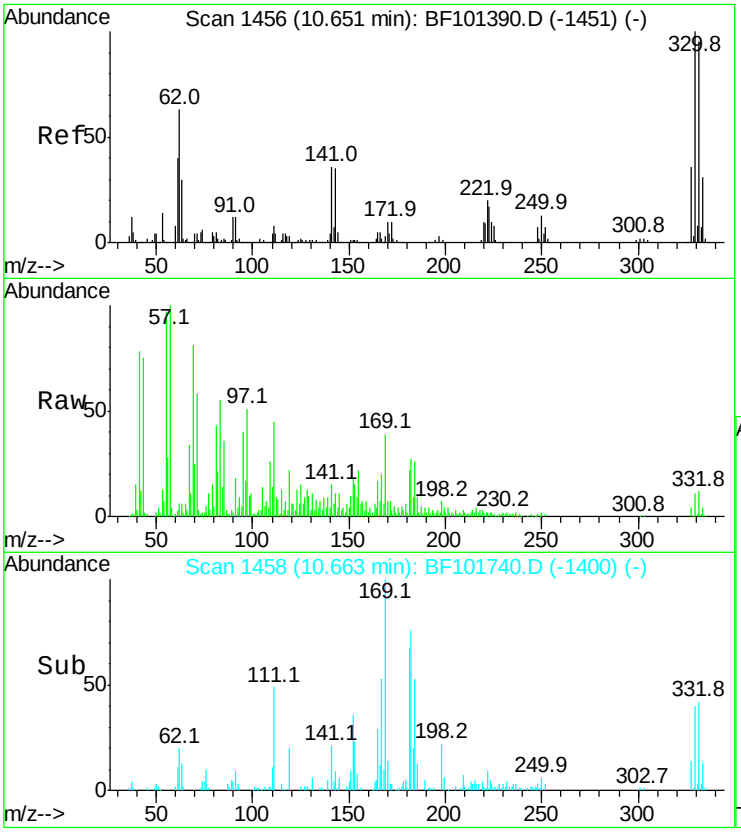




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:164 Resp: 101221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.1 | 86.1 | 129.1 |
| 160 | 52.0 | 38.3 | 57.5 |



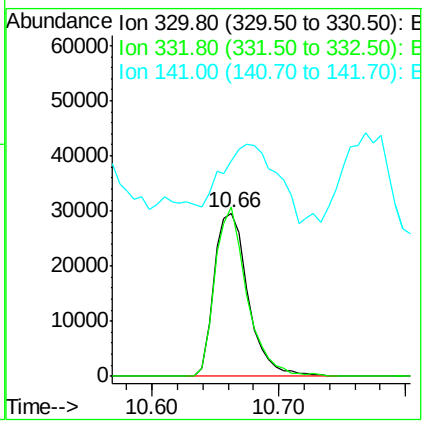


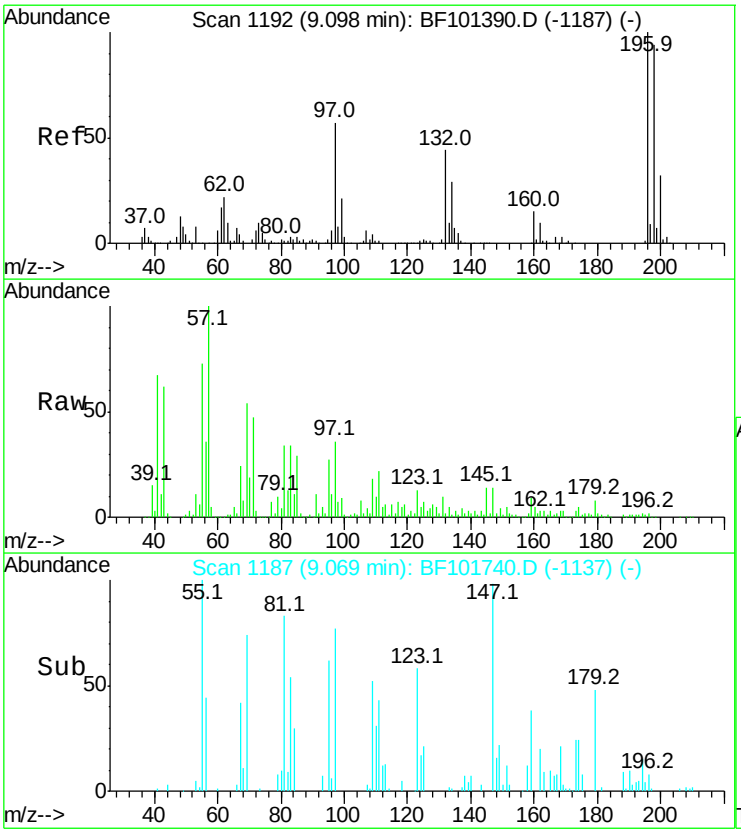

#41
2,4,6-Tribromophenol
Concen: 56.709 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:330 Resp: 55311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.0 | 115.6 |
| 141 | 71.1 | 29.9 | 44.9# |

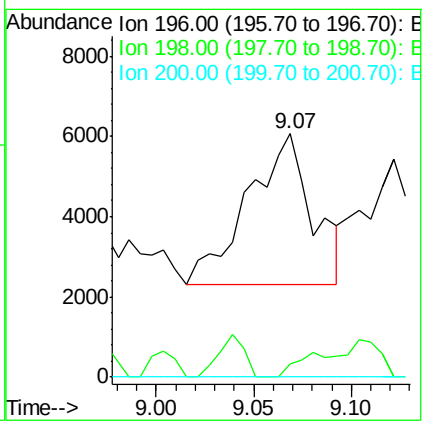


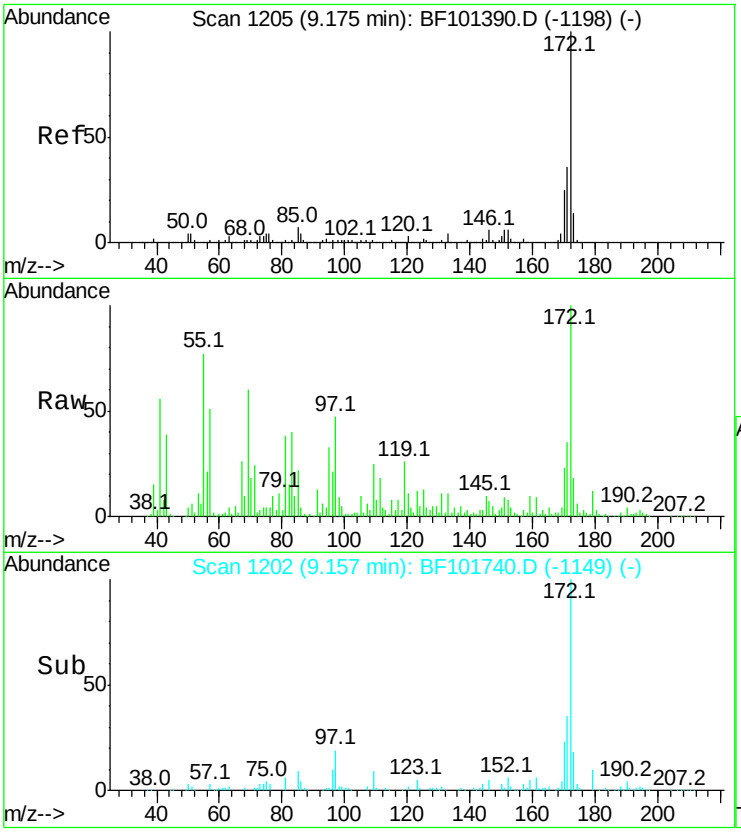




#42
2,4,6-Trichlorophenol
Concen: 4.213 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:196 Resp: 8667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 5.5 | 75.7 | 113.5# |
| 200 | 0.0 | 24.5 | 36.7# |



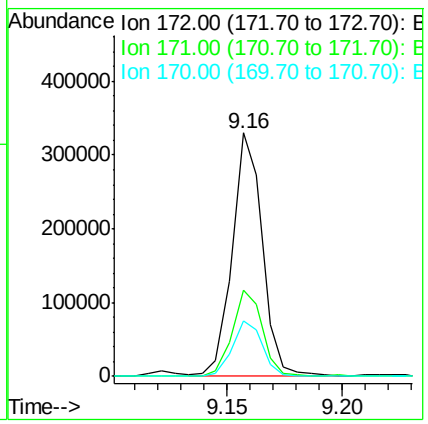


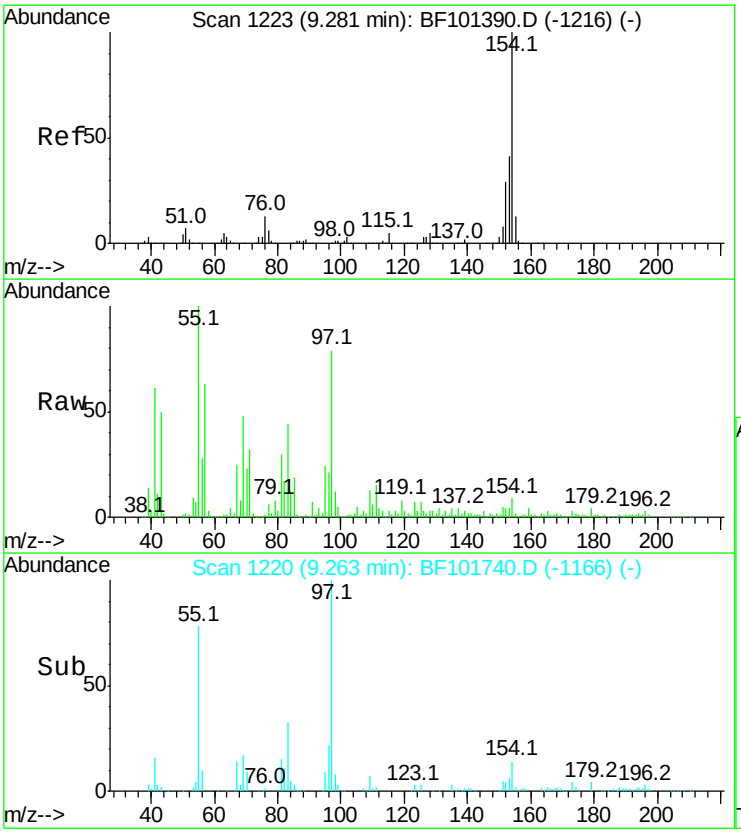

#44
2-Fluorobiphenyl
Concen: 45.308 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:172 Resp: 295645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 29.7 | 44.5 |
| 170 | 23.0 | 19.6 | 29.4 |

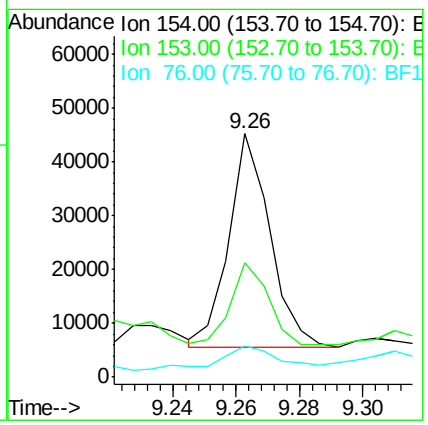


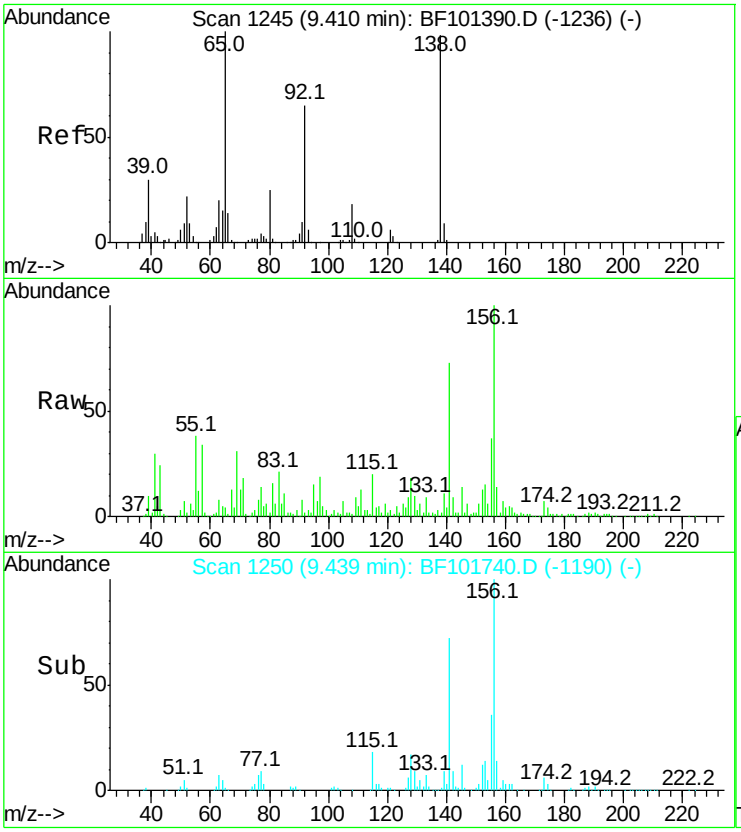




#45
1,1'-Biphenyl
Concen: 3.974 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:154 Resp: 35676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 46.8 | 21.3 | 61.3 |
| 76 | 12.8 | 0.0 | 34.0 |



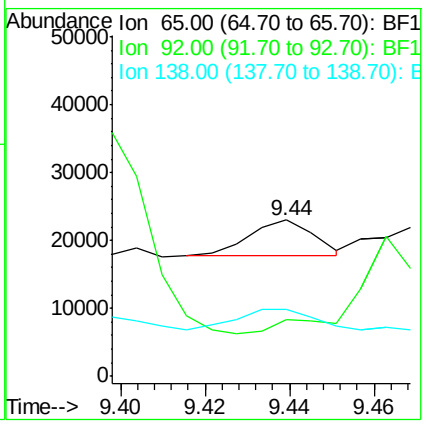


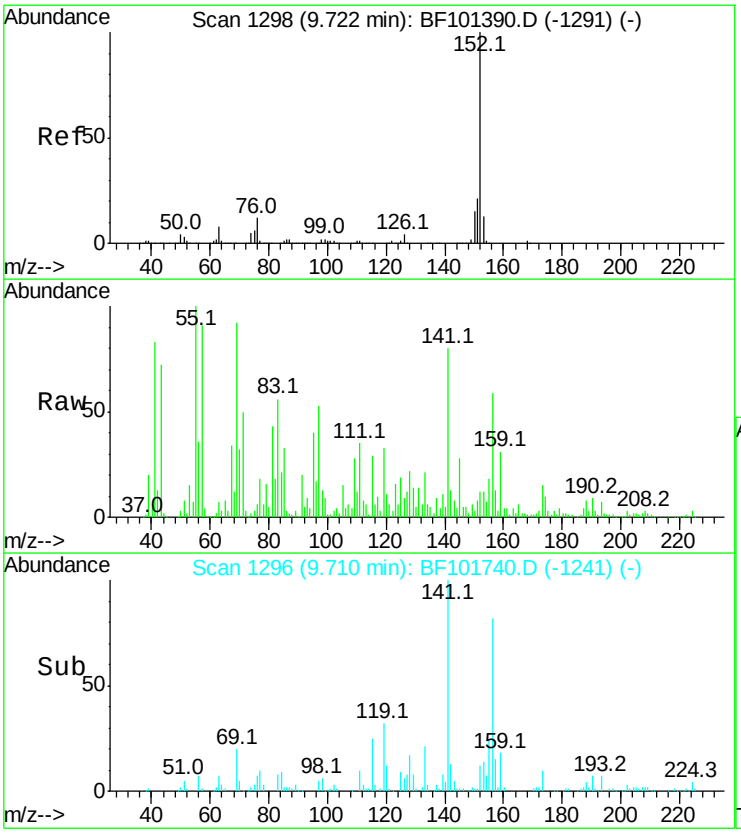

#47
2-Nitroaniline
Concen: 2.234 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.05 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion: 65 Resp: 5301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 36.4 | 55.8 | 83.6# |
| 138 | 43.2 | 91.2 | 136.8# |

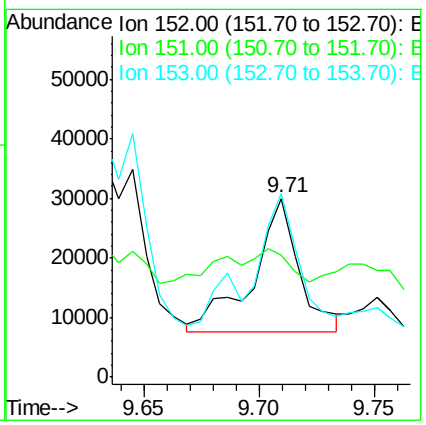


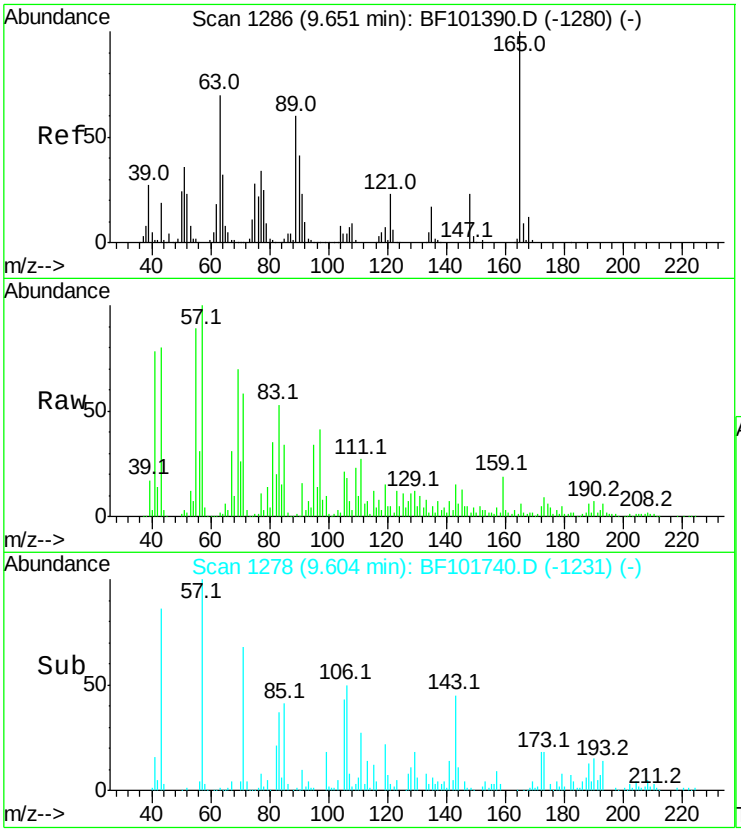




#48
Acenaphthylene
Concen: 2.850 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:152 Resp: 30914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 68.4 | 16.3 | 24.5# |
| 153 | 102.4 | 10.7 | 16.1# |



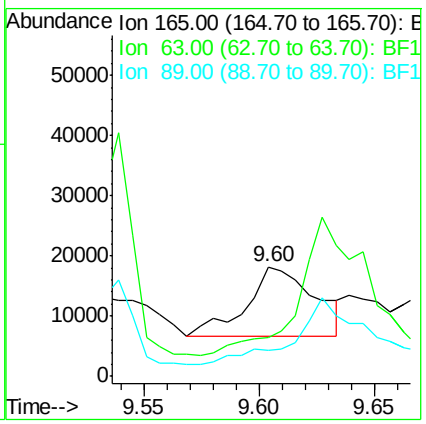


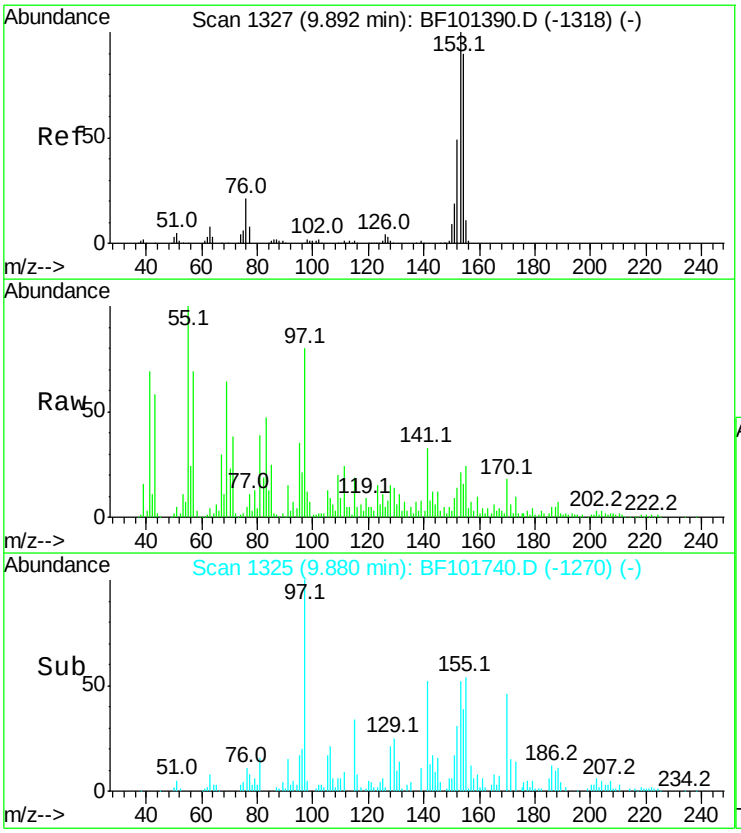

#50
2,6-Dinitrotoluene
Concen: 14.102 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:165 Resp: 23335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 36.0 | 44.7 | 67.1# |
| 89 | 23.6 | 44.0 | 66.0# |

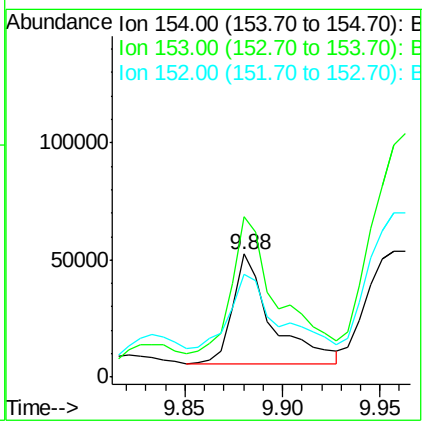


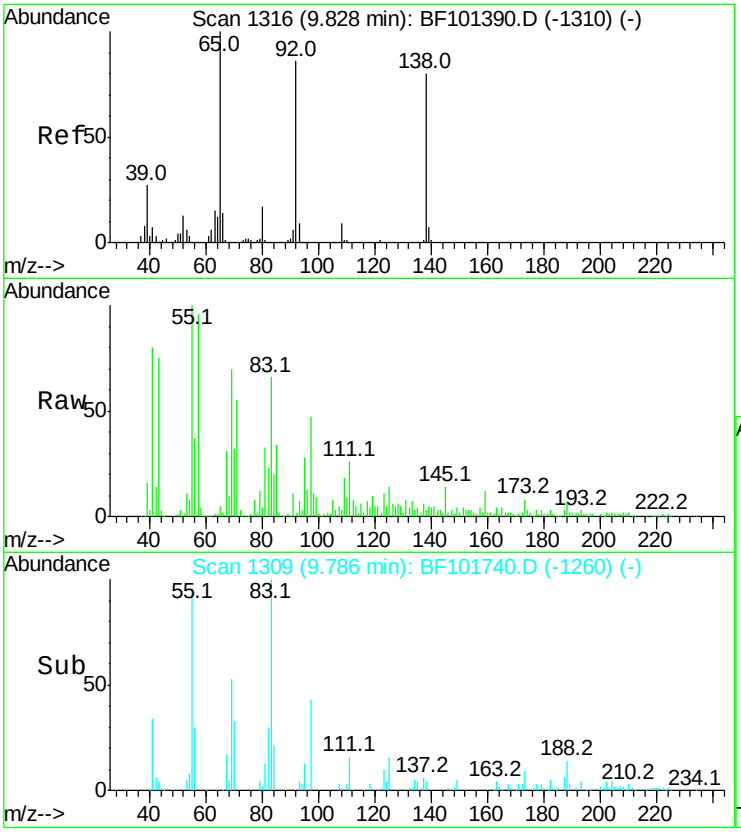




#51
Acenaphthene
Concen: 9.996 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:154 Resp: 65156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 130.7 | 91.2 | 136.8 |
| 152 | 83.7 | 43.8 | 65.8# |



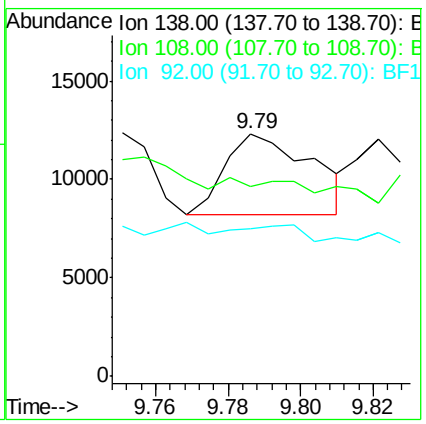


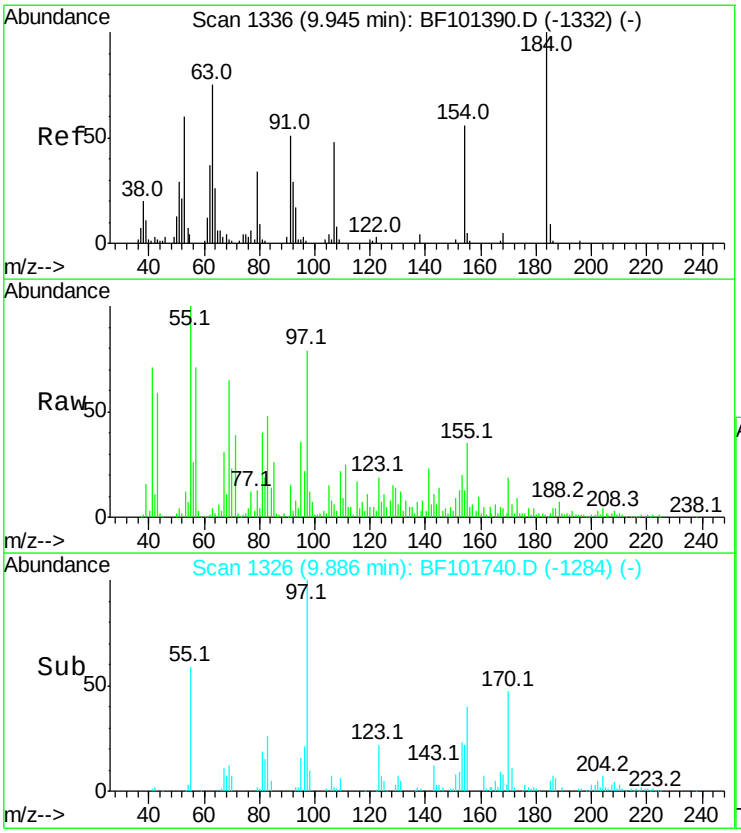

#52
3-Nitroaniline
Concen: 3.305 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:138 Resp: 6818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 78.6 | 9.4 | 14.0# |
| 92 | 60.7 | 89.4 | 134.2# |

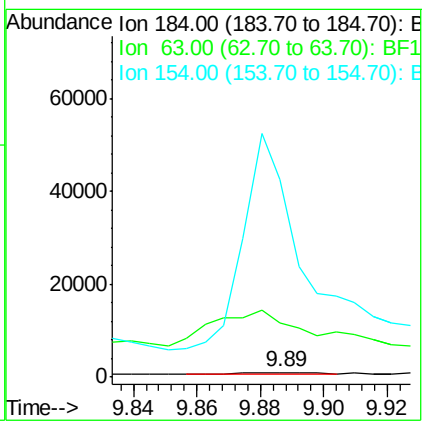


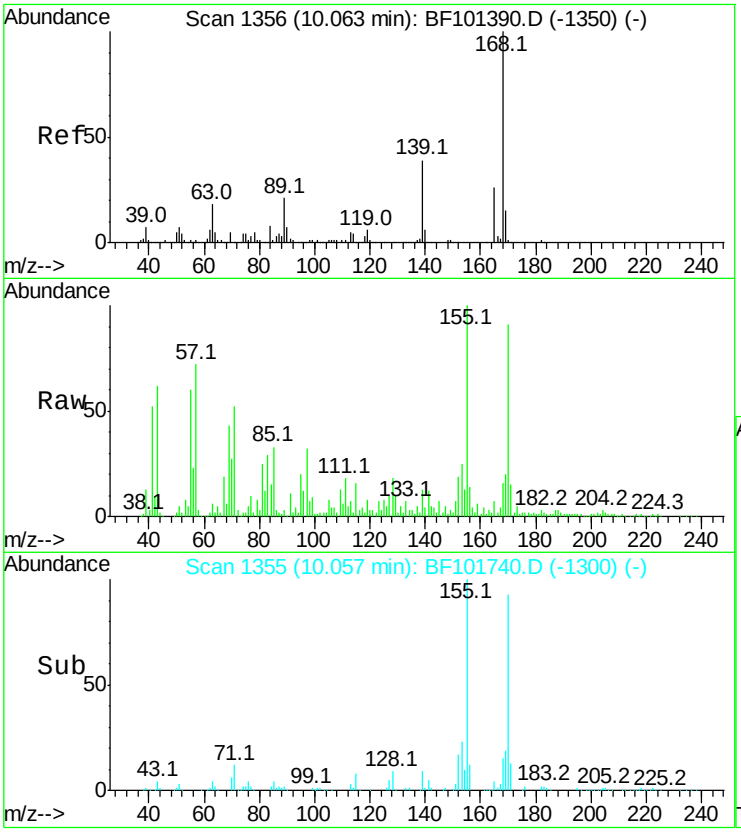




#53
2,4-Dinitrophenol
Concen: 11.492 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:184 Resp: 775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 1130.1 | 54.2 | 81.2# |
| 154 | 4083.7 | 184.0 | 276.0# |



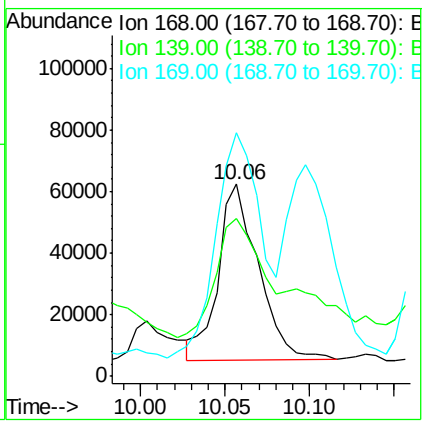


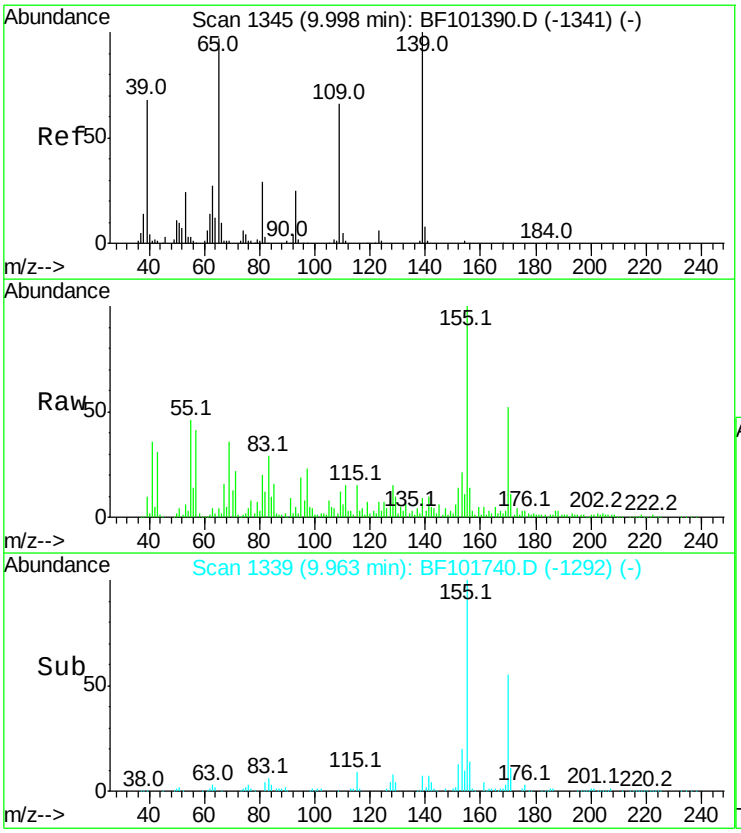

#54
Dibenzofuran
Concen: 11.515 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:168 Resp: 95378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 82.3 | 30.1 | 45.1# |
| 169 | 126.7 | 10.9 | 16.3# |

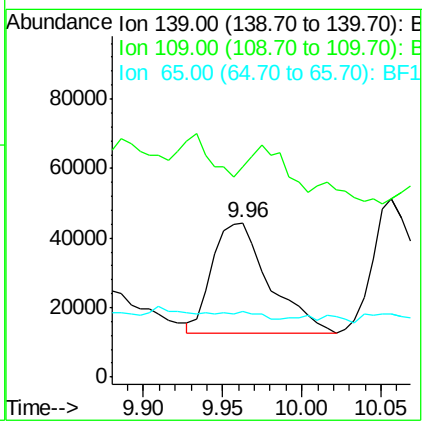


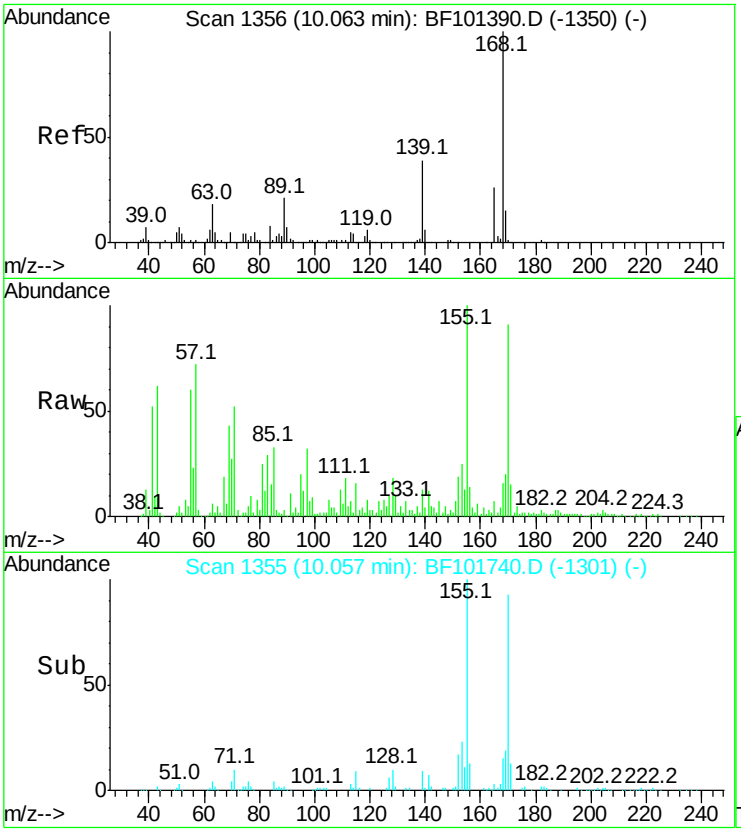




#55
4-Nitrophenol
Concen: 88.037 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:139 Resp: 79198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 136.2 | 48.4 | 88.4# |
| 65 | 42.2 | 72.6 | 112.6# |



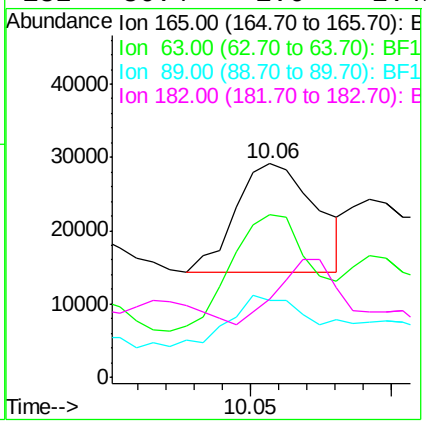


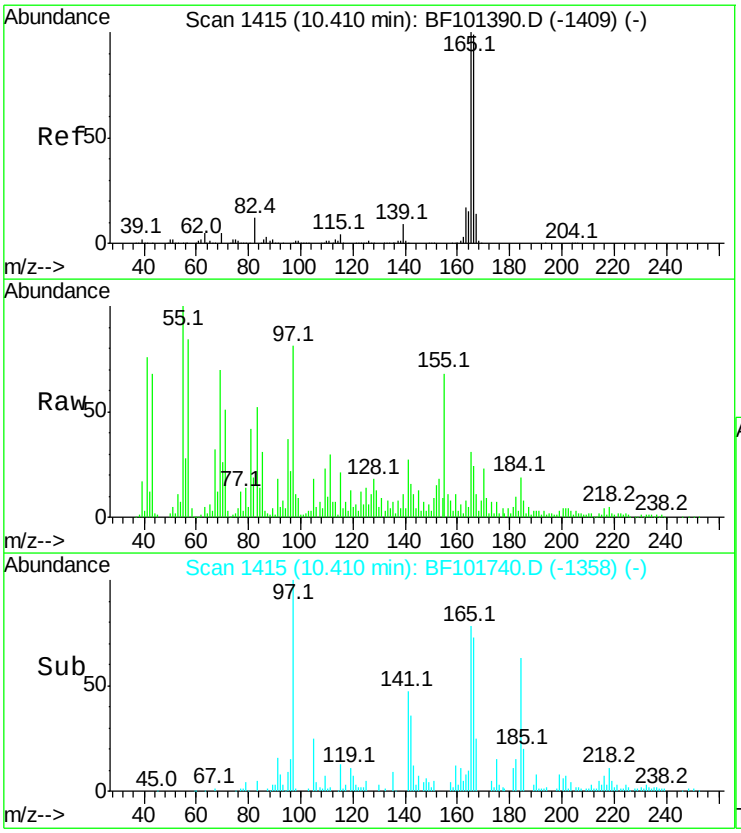

#56
2,4-Dinitrotoluene
Concen: 15.902 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:165 Resp: 29647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 76.4 | 36.4 | 54.6# |
| 89 | 35.8 | 57.8 | 86.6# |
| 182 | 36.4 | 1.6 | 2.4# |

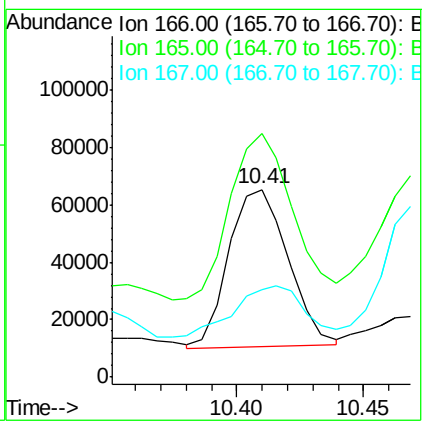


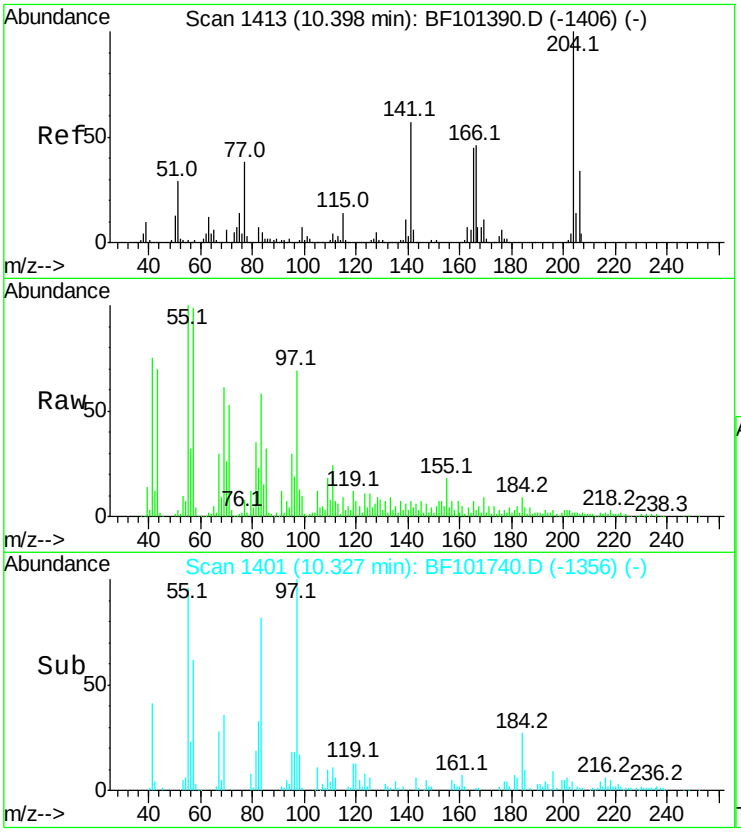




#57
Fluorene
Concen: 12.629 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:166 Resp: 88496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 130.0 | 79.8 | 119.8# |
| 167 | 46.7 | 10.6 | 16.0# |



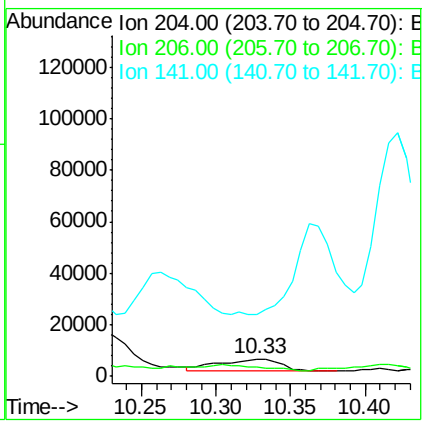


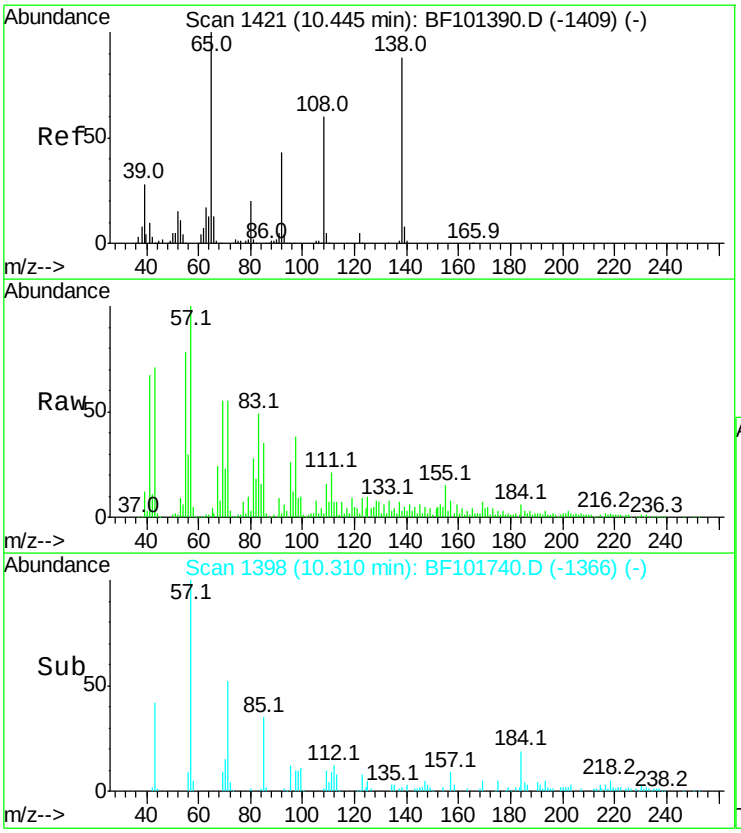

#60
4-Chlorophenyl-phenylether
Concen: 4.203 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:204 Resp: 14116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 53.3 | 26.5 | 39.7# |
| 141 | 365.0 | 54.6 | 81.8# |

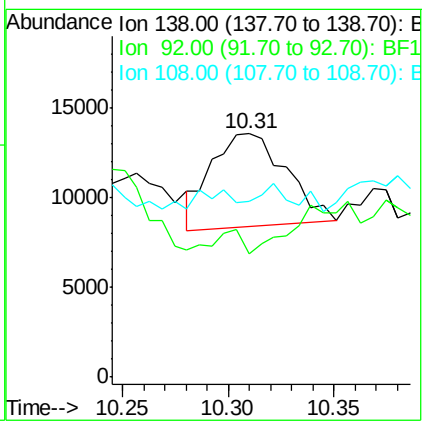


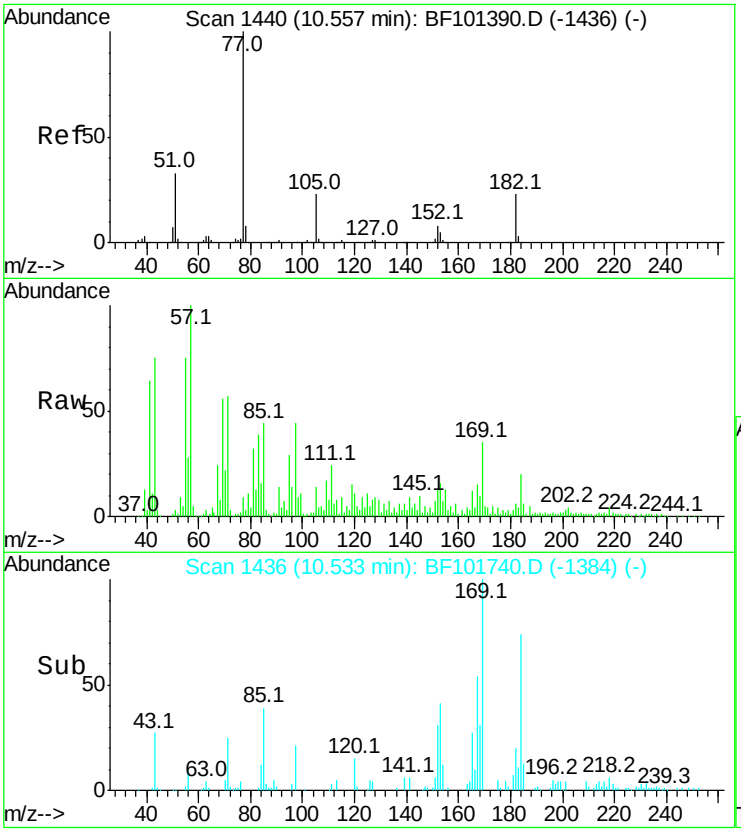




#61
4-Nitroaniline
Concen: 6.131 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.11 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:138 Resp: 12715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.8 | 30.2 | 70.2 |
| 108 | 72.3 | 52.5 | 92.5 |



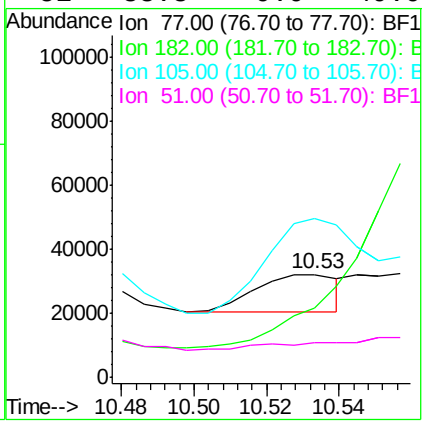


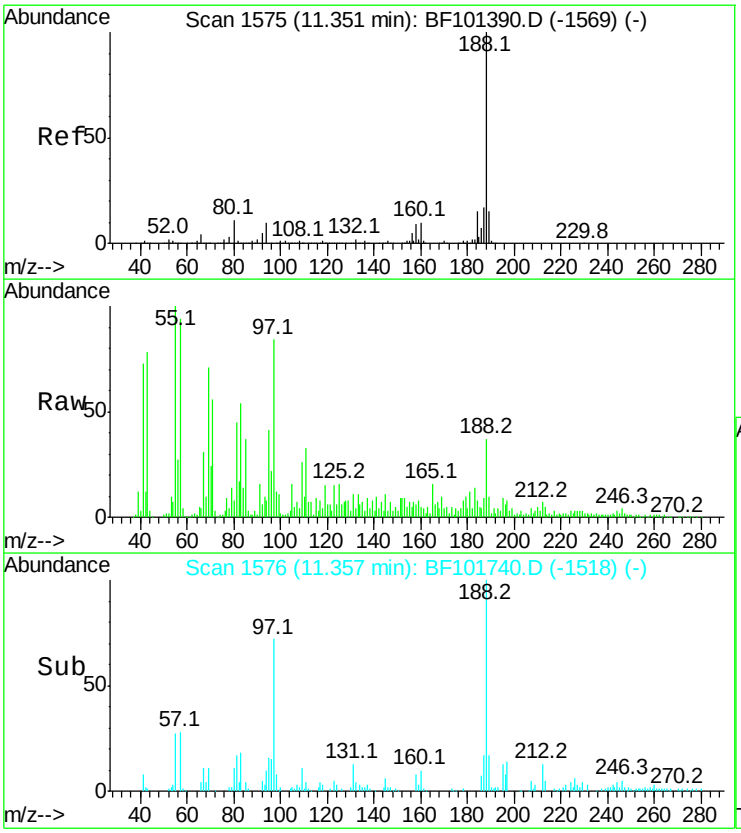

#62
Azobenzene
Concen: 2.282 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion: 77 Resp: 19060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 67.3 | 1.7 | 41.7# |
| 105 | 154.4 | 3.0 | 43.0# |
| 51 | 33.3 | 9.9 | 49.9 |

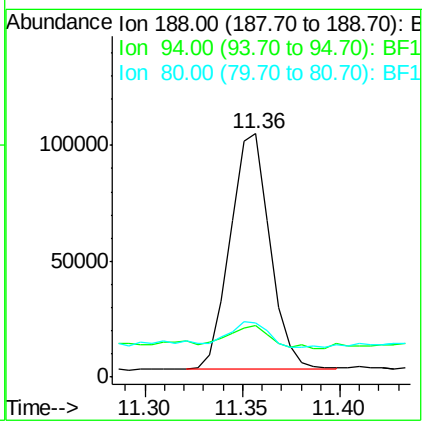


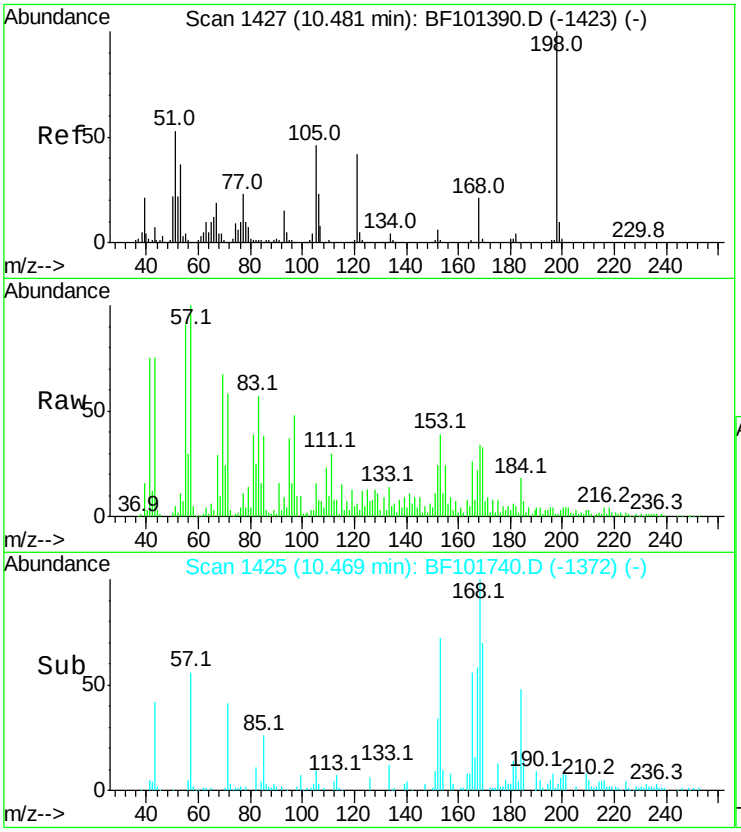




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:188 Resp: 143785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 21.1 | 8.5 | 12.7# |
| 80 | 22.4 | 9.2 | 13.8# |



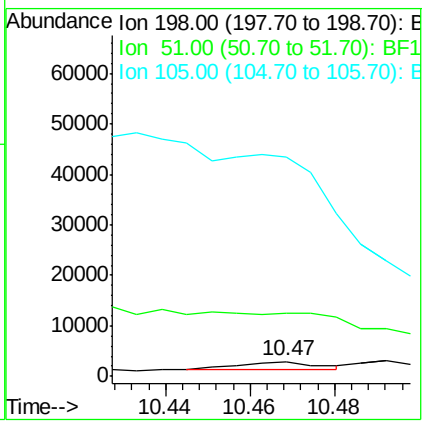


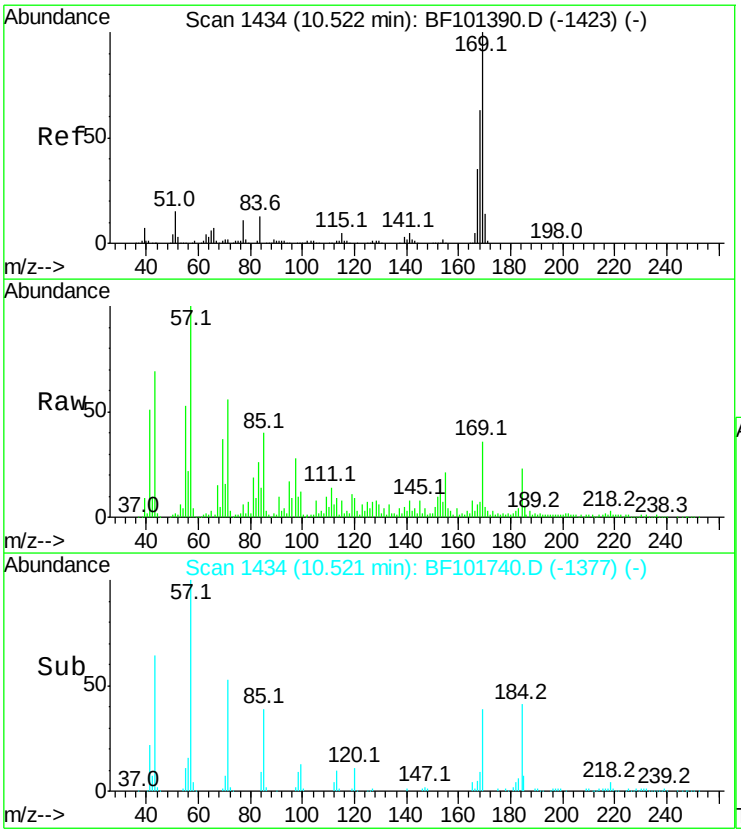

#64
4,6-Dinitro-2-methylphenol
Concen: 3.053 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:198 Resp: 2240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 426.4 | 37.7 | 77.7# |
| 105 | 1476.8 | 36.3 | 76.3# |

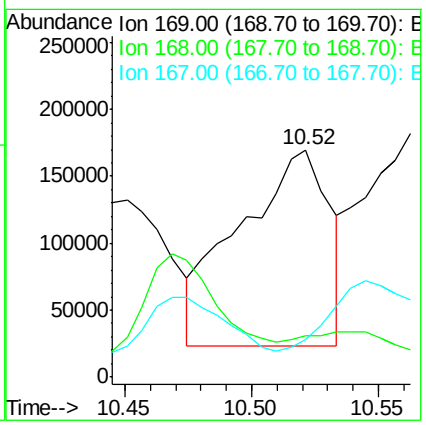


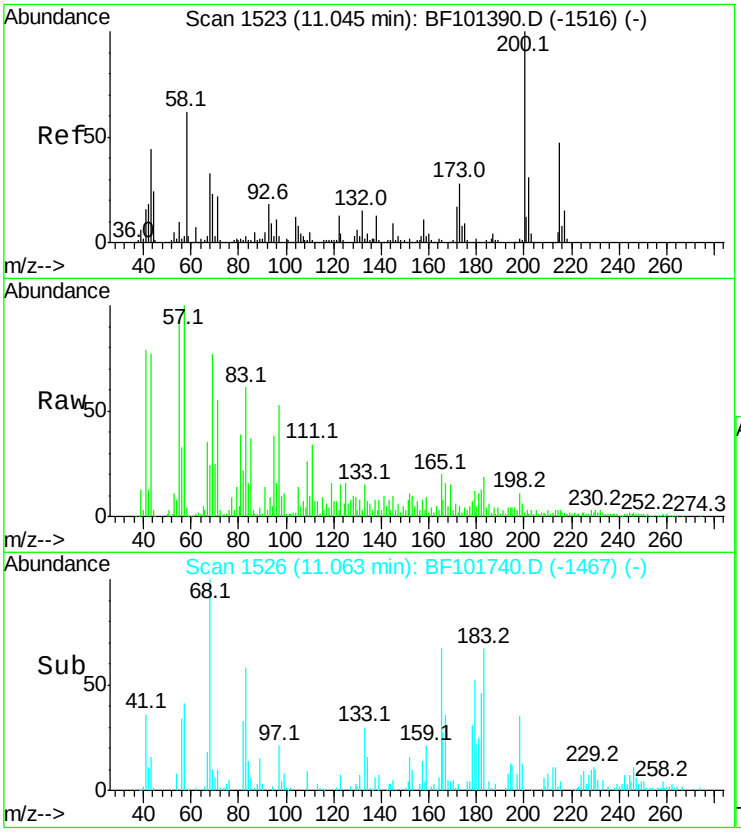




#65
n-Nitrosodiphenylamine
Concen: 68.106 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:169 Resp: 361590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 18.3 | 54.4 | 81.6# |
| 167 | 16.5 | 29.8 | 44.6# |



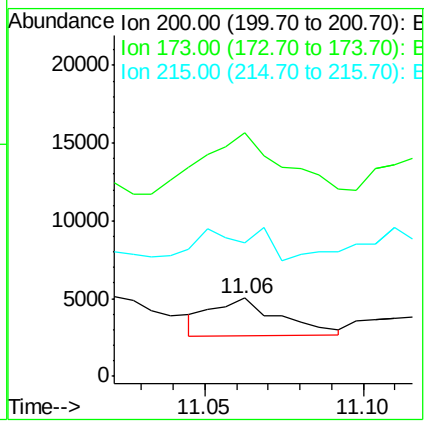


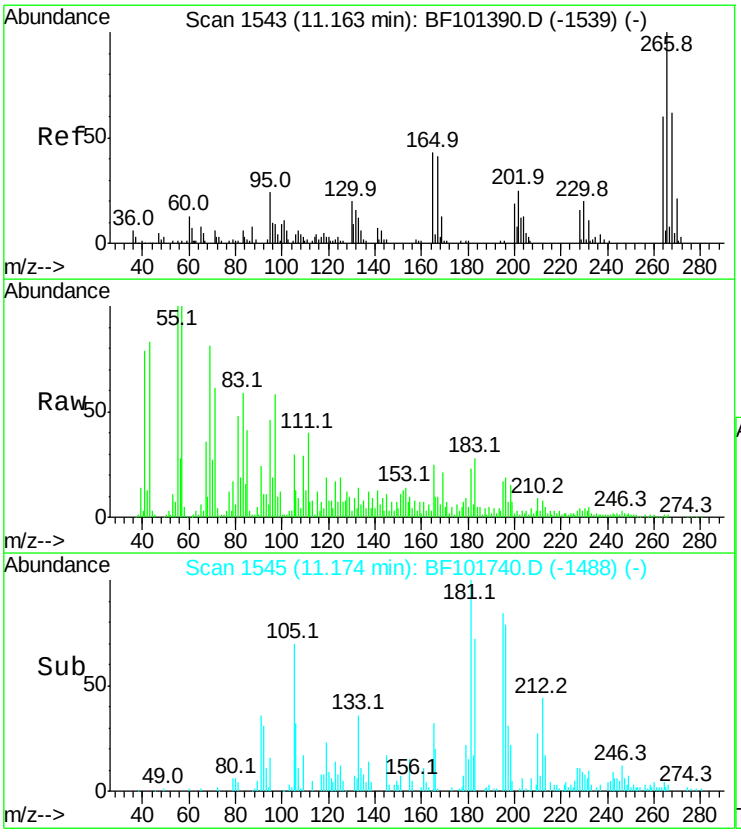

#68
Atrazine
Concen: 2.263 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.05 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:200 Resp: 3583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 312.4 | 8.6 | 48.6# |
| 215 | 172.1 | 25.1 | 65.1# |

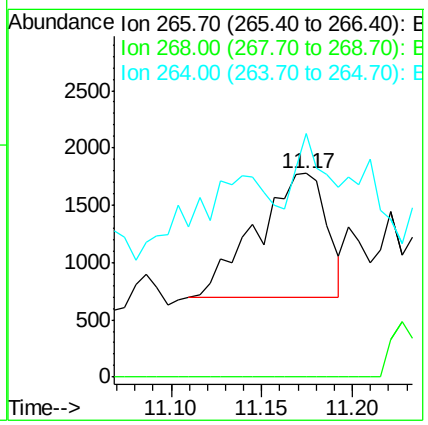


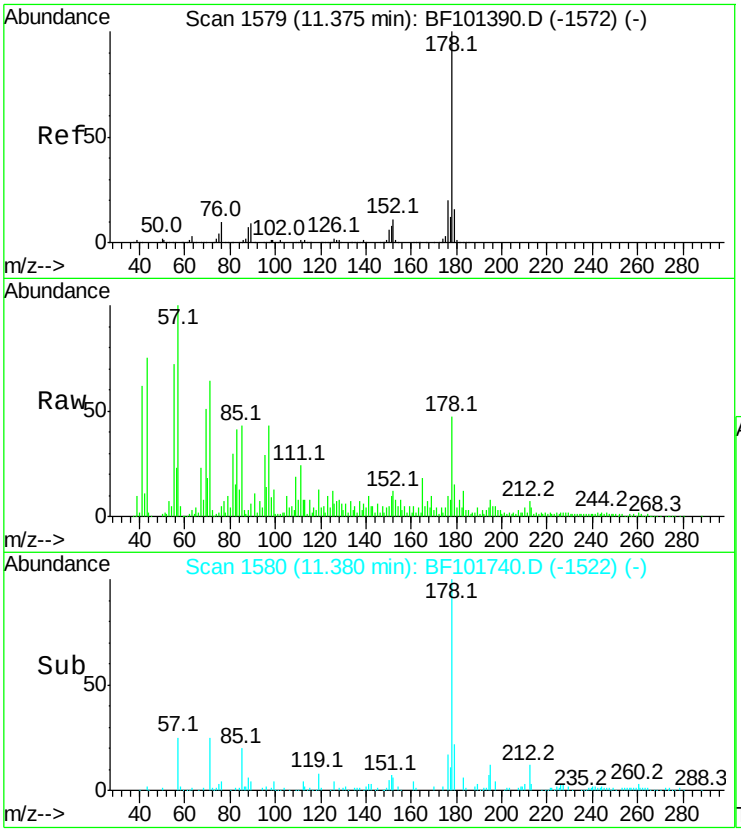




#69
Pentachlorophenol
Concen: 10.628 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:266 Resp: 2949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 51.1 | 76.7# |
| 264 | 119.5 | 49.5 | 74.3# |



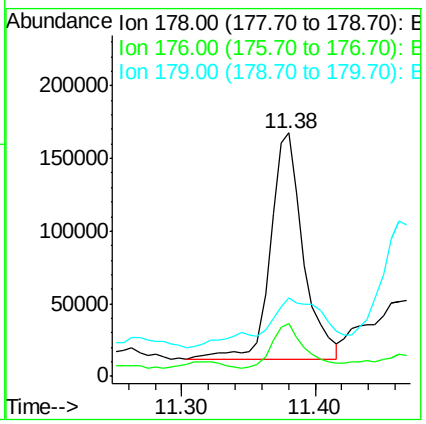


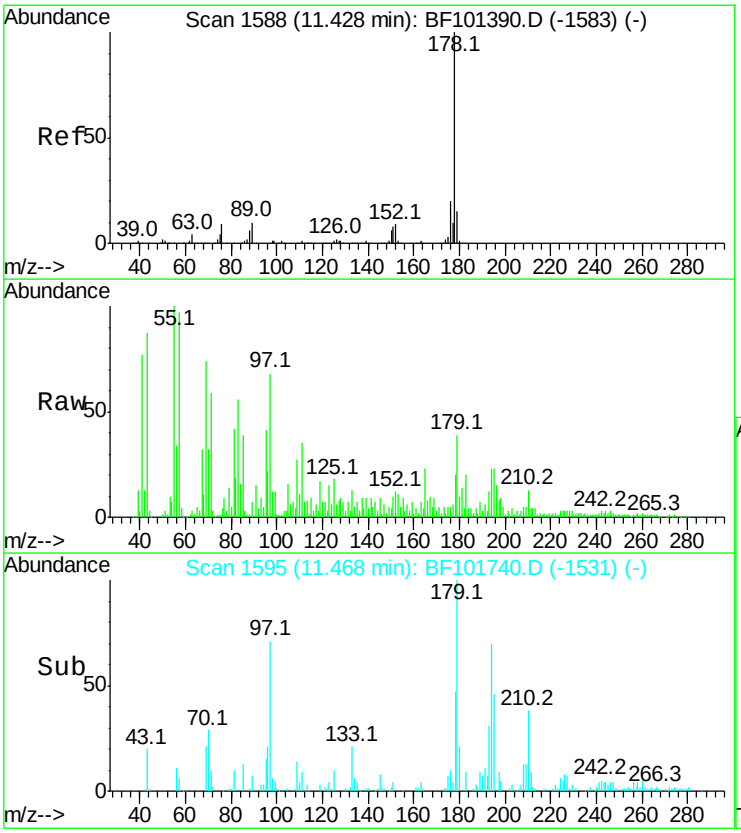

#70
Phenanthrene
Concen: 33.428 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:178 Resp: 267290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.5 | 15.8 | 23.8 |
| 179 | 32.4 | 13.0 | 19.6# |

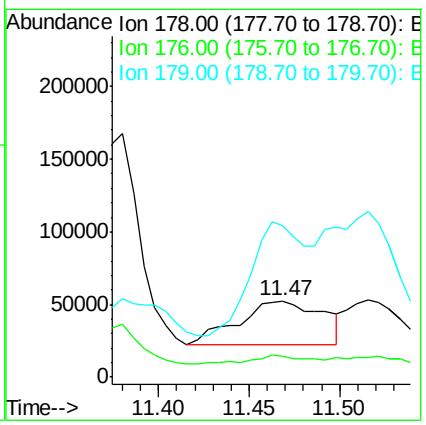


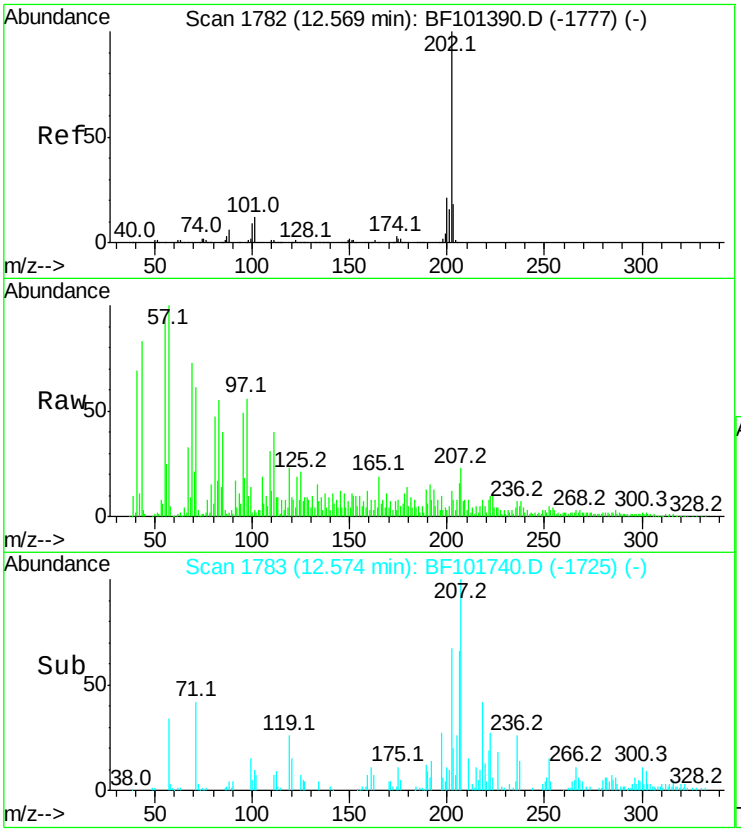




#71
Anthracene
Concen: 11.786 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.08 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:178 Resp: 96262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 27.3 | 15.4 | 23.2# |
| 179 | 197.6 | 12.6 | 19.0# |



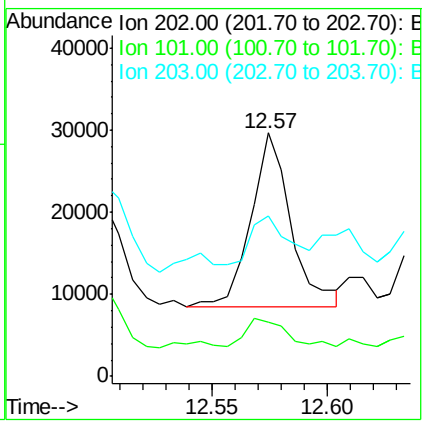


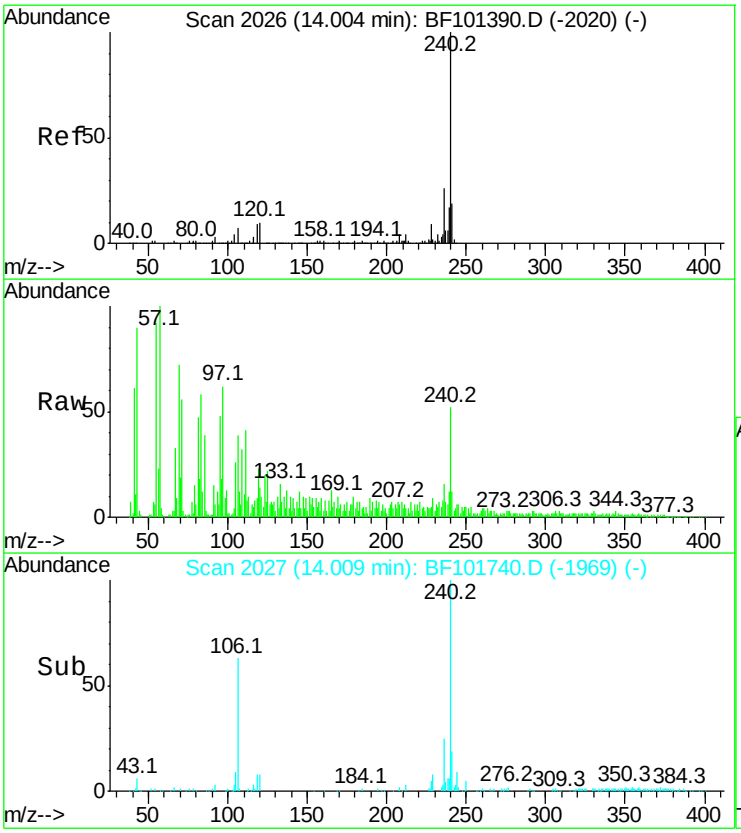

#74
Fluoranthene
Concen: 3.033 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:202 Resp: 25456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 22.0 | 0.0 | 34.1 |
| 203 | 65.9 | 0.0 | 38.1# |

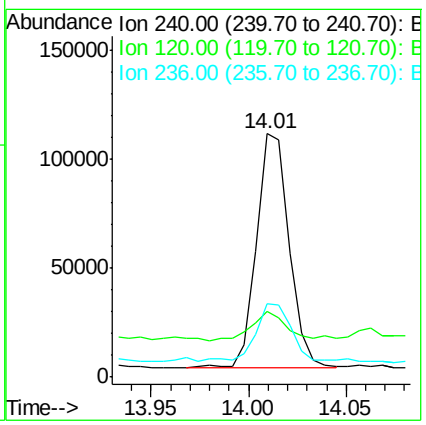


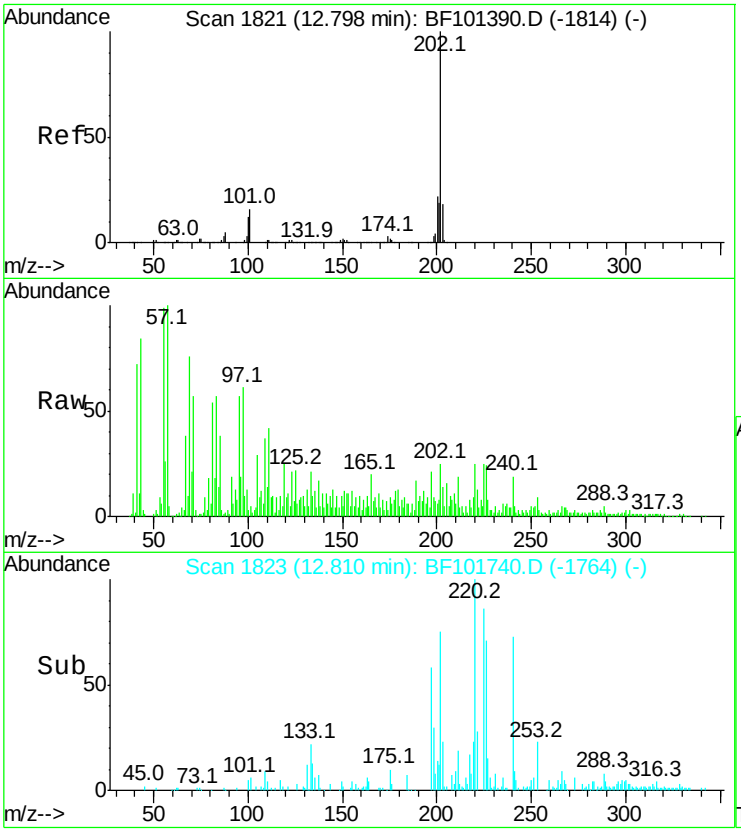




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:240 Resp: 124921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 26.9 | 9.5 | 14.3# |
| 236 | 30.3 | 20.7 | 31.1 |



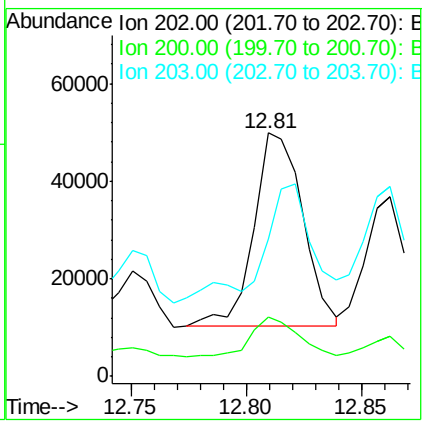


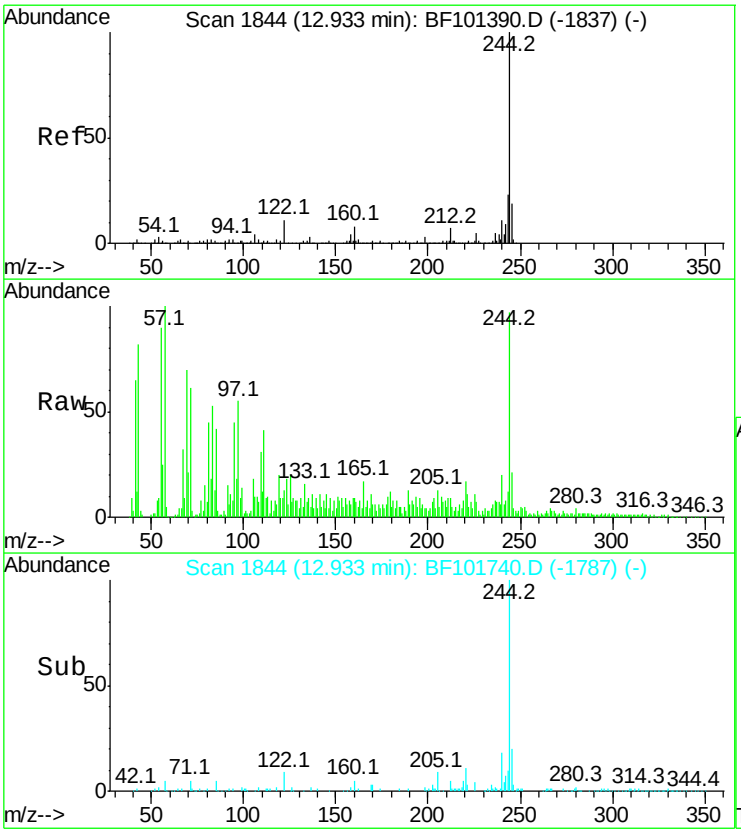

#77
Pyrene
Concen: 6.195 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.05 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:202 Resp: 58082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.4 | 17.4 | 26.2 |
| 203 | 56.2 | 14.3 | 21.5# |

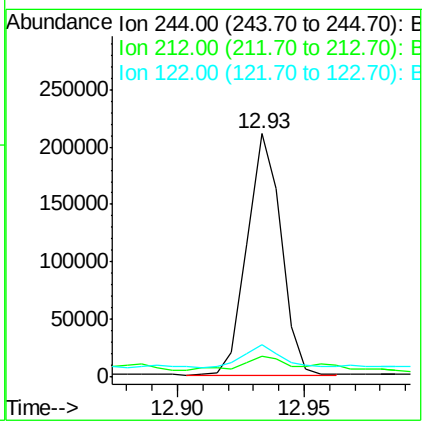


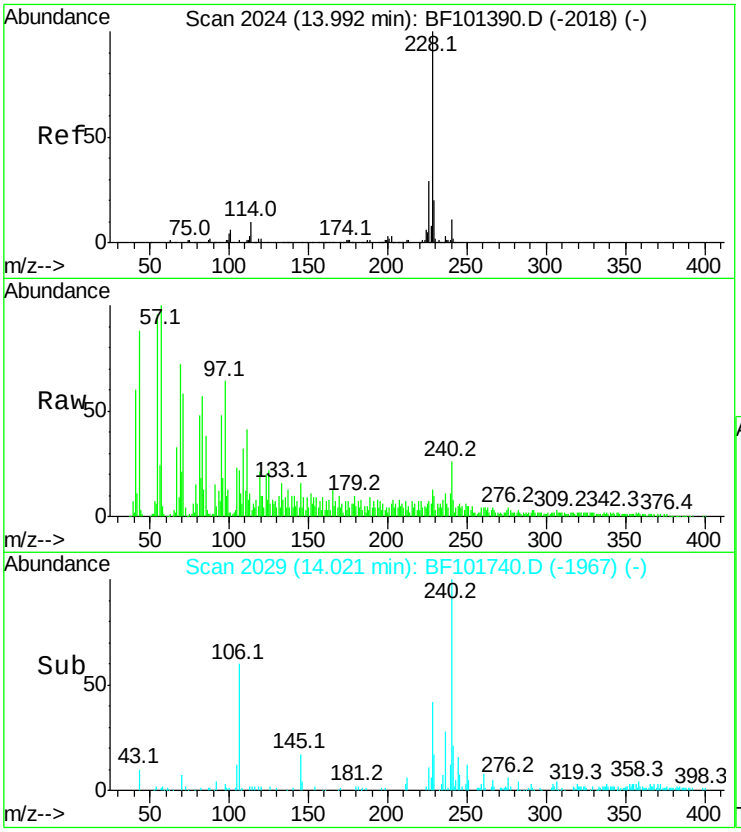




#78
Terphenyl-d14
Concen: 37.849 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.04 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:244 Resp: 196127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 5.4 | 8.0# |
| 122 | 13.1 | 11.0 | 16.4 |



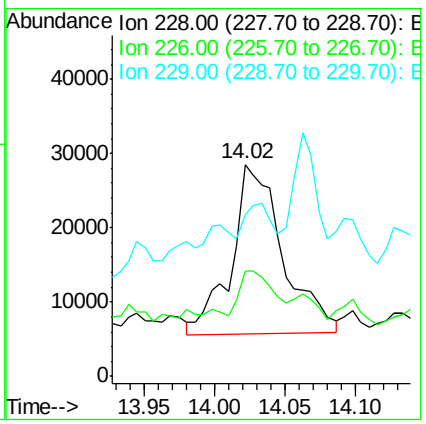


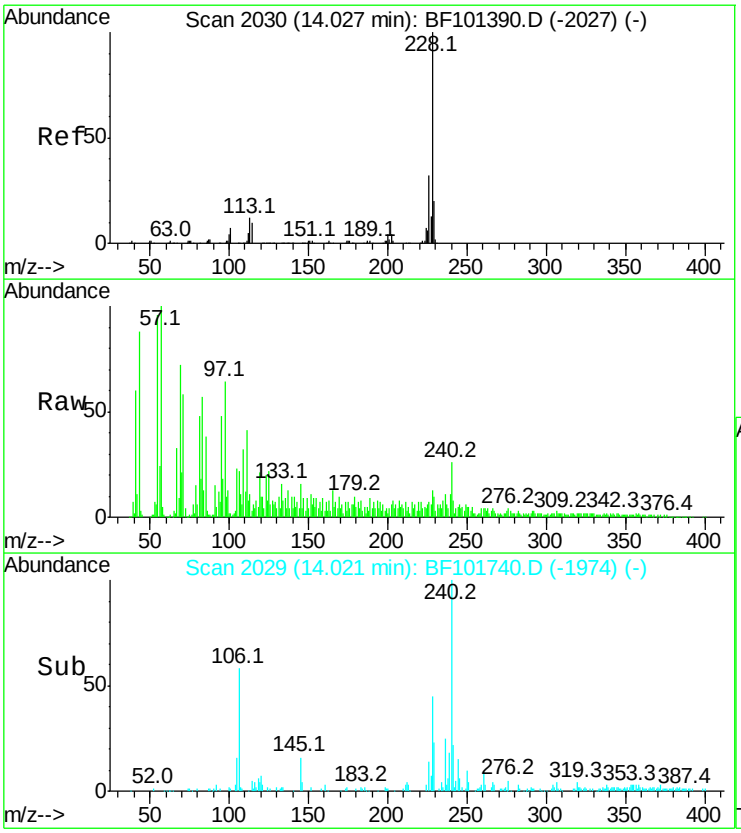

#80
Benzo(a)anthracene
Concen: 7.044 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.06 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:228 Resp: 58108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 49.8 | 22.6 | 33.8# |
| 229 | 76.5 | 15.8 | 23.6# |

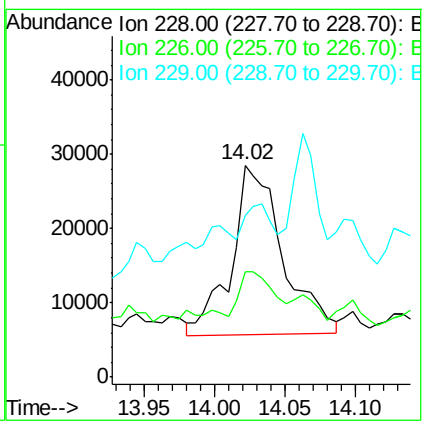


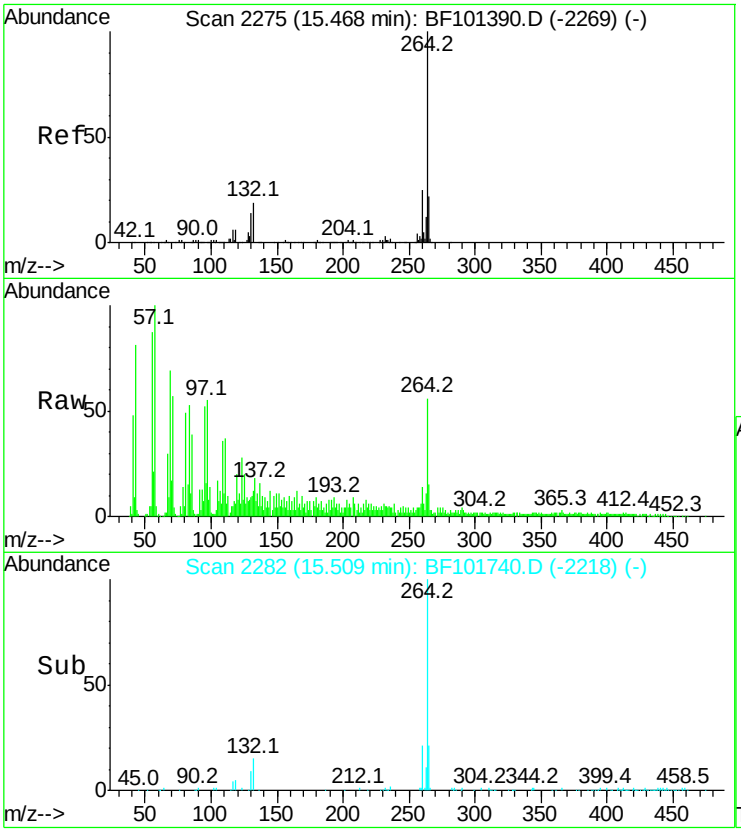




#82
Chrysene
Concen: 7.494 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

Tgt Ion:228 Resp: 58363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 49.8 | 25.0 | 37.6# |
| 229 | 76.5 | 16.2 | 24.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.08 min
Lab File: BF101740.D
Acq: 27 Dec 2017 3:20

**Instrument :**
BNA_F
**ClientSampleId :**
DB-SW1-15

Tgt Ion:264 Resp: 149311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.6 | 19.2 | 28.8 |
| 265 | 26.2 | 17.5 | 26.3 |