Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094458.D
Acq On : 17 Apr 2017 19:18
Operator : SJ/MA
Sample : I2708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Apr 18 00:59:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.76 | 152 | 140315 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.26 | 136 | 593715 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.39 | 164 | 264348 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 493675 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.46 | 240 | 414750 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 16.08 | 264 | 286413 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.31 | 112 | 872957 | 103.22 | ng | | 0.00 |
| 7) Phenol-d6 | 5.39 | 99 | 1159285 | 116.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 6.41 | 82 | 782589 | 81.39 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.37 | 330 | 191278 | 92.51 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.58 | 172 | 1424680 | 79.30 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.19 | 244 | 1112916 | 71.72 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 2.38 | 42 | 113 | 0.03 | ng | # | 1 |
| 6) Aniline | 5.40 | 93 | 674 | 0.05 | ng | # | 1 |
| 8) 2-Chlorophenol | 5.53 | 128 | 627 | 0.07 | ng | | 89 |
| 9) Benzaldehyde | 5.39 | 77 | 2000 | 0.26 | ng | # | 1 |
| 10) Phenol | 5.40 | 94 | 24068 | 1.96 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 5.50 | 93 | 1129 | 0.13 | ng | # | 1 |
| 15) Benzyl Alcohol | 5.93 | 79 | 12278 | 1.66 | ng | # | 43 |
| 19) n-Nitroso-di-n-propylamine | 6.41 | 70 | 106030 | 16.05 | ng | # | 73 |
| 22) Acetophenone | 6.23 | 105 | 511 | 0.04 | ng | # | 34 |
| 24) Nitrobenzene | 6.41 | 77 | 2181 | 0.22 | ng | # | 38 |
| 25) Isophorone | 6.74 | 82 | 391 | 0.02 | ng | # | 67 |
| 31) Naphthalene | 7.28 | 128 | 6117 | 0.21 | ng | # | 96 |
| 33) 4-Chloroaniline | 7.28 | 127 | 360 | 0.03 | ng | # | 45 |
| 35) Caprolactam | 7.82 | 113 | 355 | 0.14 | ng | # | 61 |
| 37) 2-Methylnaphthalene | 8.12 | 142 | 2048 | 0.10 | ng | | 93 |
| 45) 1,1'-Biphenyl | 8.70 | 154 | 172 | 0.01 | ng | # | 42 |
| 47) 2-Nitroaniline | 9.08 | 65 | 2697 | 0.55 | ng | # | 1 |
| 48) Acenaphthylene | 8.99 | 152 | 255 | 0.01 | ng | # | 60 |
| 49) Dimethylphthalate | 9.08 | 163 | 325325 | 16.51 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.08 | 165 | 3122 | 0.71 | ng | # | 1 |
| 51) Acenaphthene | 9.39 | 154 | 1161 | 0.07 | ng | # | 4 |
| 54) Dibenzofuran | 9.65 | 168 | 681 | 0.03 | ng | # | 81 |
| 55) 4-Nitrophenol | 9.65 | 139 | 242 | 0.07 | ng | # | 25 |
| 56) 2,4-Dinitrotoluene | 9.39 | 165 | 33317 | 6.14 | ng | # | 33 |
| 59) Diethylphthalate | 9.95 | 149 | 1661 | 0.09 | ng | # | 60 |
| 60) 4-Chlorophenyl-phenylether | 9.84 | 204 | 757 | 0.10 | ng | # | 21 |
| 62) Azobenzene | 10.20 | 77 | 137 | 0.01 | ng | # | 50 |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 316 | 0.10 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 10.22 | 169 | 554 | 0.03 | ng | # | 24 |
| 69) Pentachlorophenol | 11.00 | 266 | 1452 | 0.74 | ng | # | 1 |
| 70) Phenanthrene | 11.24 | 178 | 4650 | 0.17 | ng | | 96 |
| 71) Anthracene | 11.24 | 178 | 4650 | 0.16 | ng | | 96 |
| 72) Carbazole | 11.52 | 167 | 111 | 0.00 | ng | # | 58 |
| 73) Di-n-butylphthalate | 11.96 | 149 | 4148 | 0.14 | ng | # | 92 |

Quantitation Report (Not Reviewed)

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Acq On : 17 Apr 2017 19:18
Operator : SJ/MA
Sample : I2708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Apr 18 00:59:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 74) Fluoranthene | 12.70 | 202 | 2398 | 0.08 | ng | | 78 |
| 77) Pyrene | 12.97 | 202 | 2972 | 0.10 | ng | # | 96 |
| 79) Butylbenzylphthalate | 13.80 | 149 | 282 | 0.02 | ng | # | 32 |
| 80) Benzo(a)anthracene | 14.49 | 228 | 7105 | 0.29 | ng | # | 62 |
| 82) Chrysene | 14.49 | 228 | 7105 | 0.32 | ng | # | 66 |
| 83) Bis(2-ethylhexyl)phthalate | 14.52 | 149 | 3265 | 0.19 | ng | # | 76 |
| 84) Di-n-octyl phthalate | 15.27 | 149 | 111 | 0.00 | ng | # | 75 |
| 85) Indeno(1,2,3-cd)pyrene | 17.35 | 276 | 260 | 0.01 | ng | # | 44 |
| 87) Benzo(b)fluoranthene | 15.68 | 252 | 2212 | 0.13 | ng | # | 75 |
| 88) Benzo(k)fluoranthene | 15.68 | 252 | 2212 | 0.13 | ng | # | 79 |
| 89) Benzo(a)pyrene | 16.02 | 252 | 971 | 0.06 | ng | # | 59 |
| 90) Dibenzo(a,h)anthracene | 17.35 | 278 | 110 | 0.01 | ng | # | 53 |
| 91) Benzo(g,h,i)perylene | 17.72 | 276 | 274 | 0.02 | ng | # | 47 |

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
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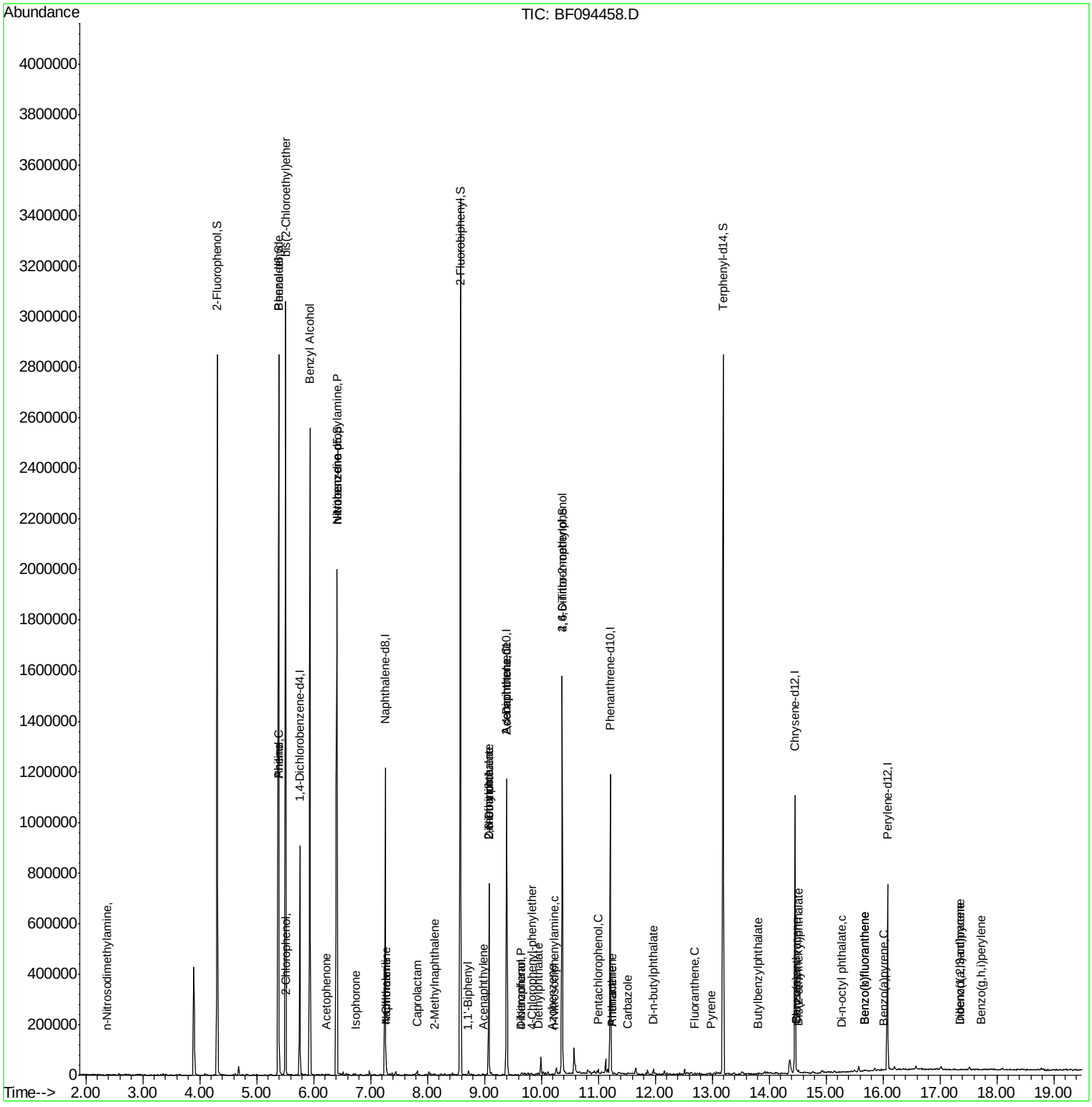
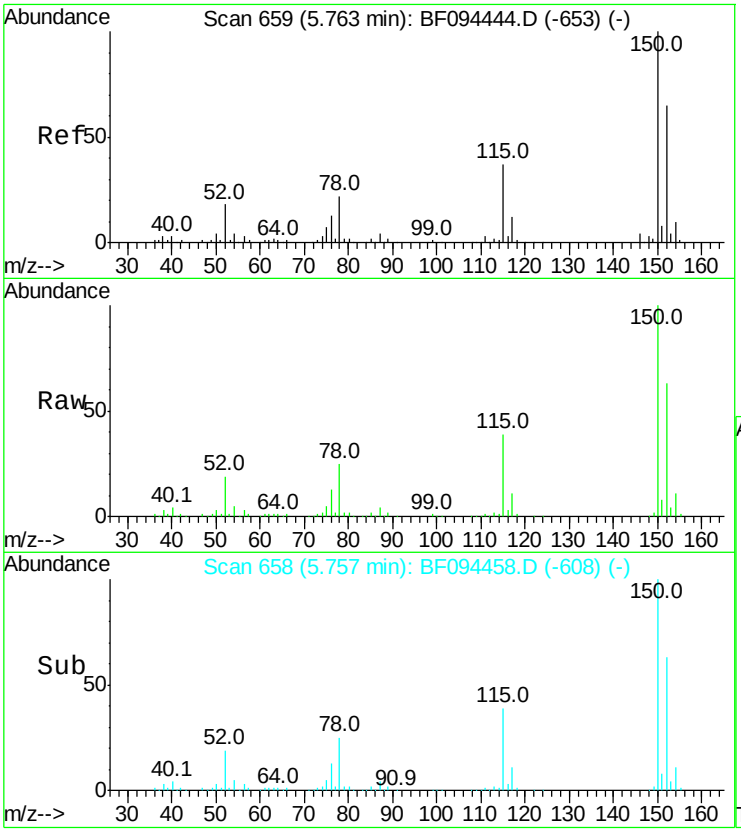
Acq On : 17 Apr 2017 19:18
Operator : SJ/MA
Sample : I2708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Apr 18 00:59:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



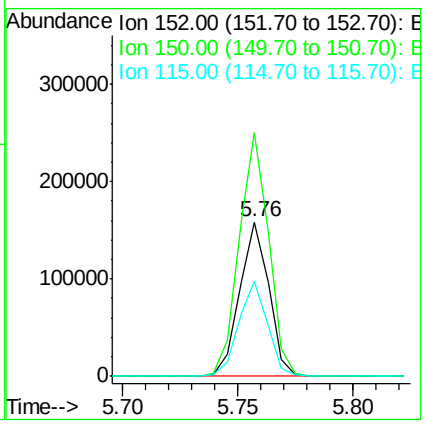


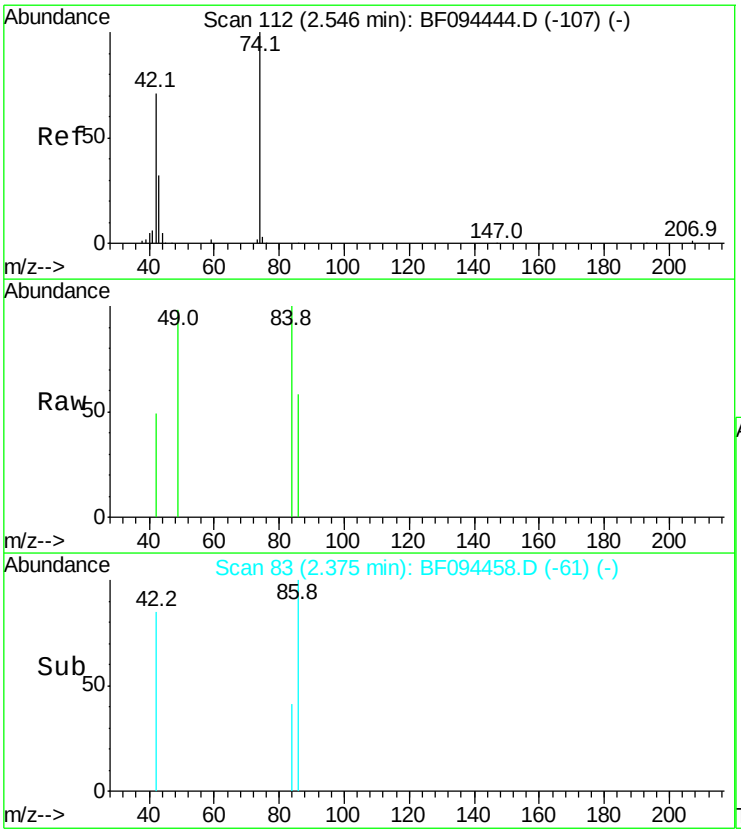

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 140315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 126.2 | 189.2 |
| 115 | 62.0 | 52.2 | 78.2 |

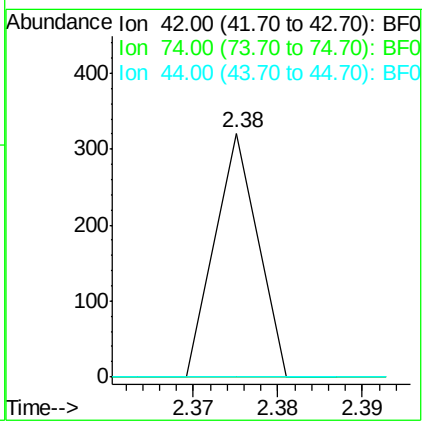


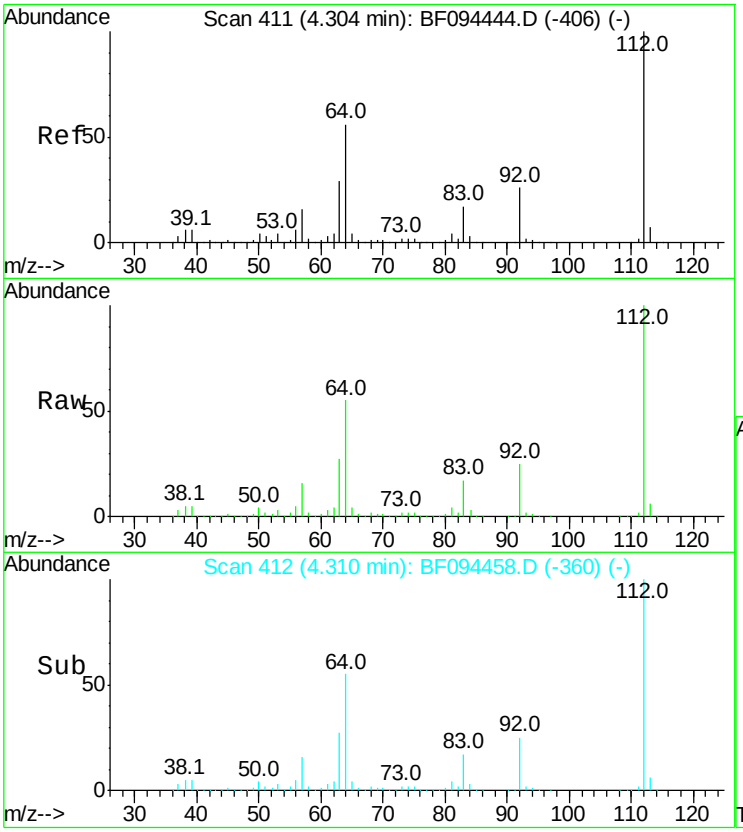




#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 2.38 min Scan# 83
Delta R.T. -0.17 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion: 42 Resp: 113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 103.9 | 155.9# |
| 44 | 0.0 | 5.7 | 8.5# |



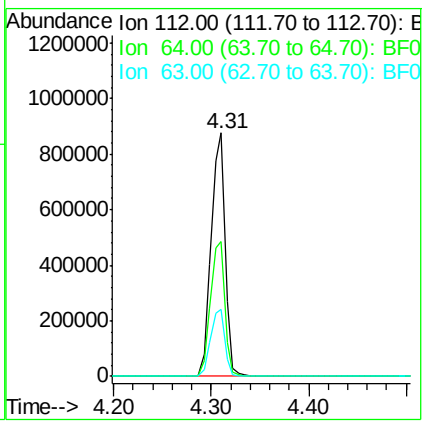


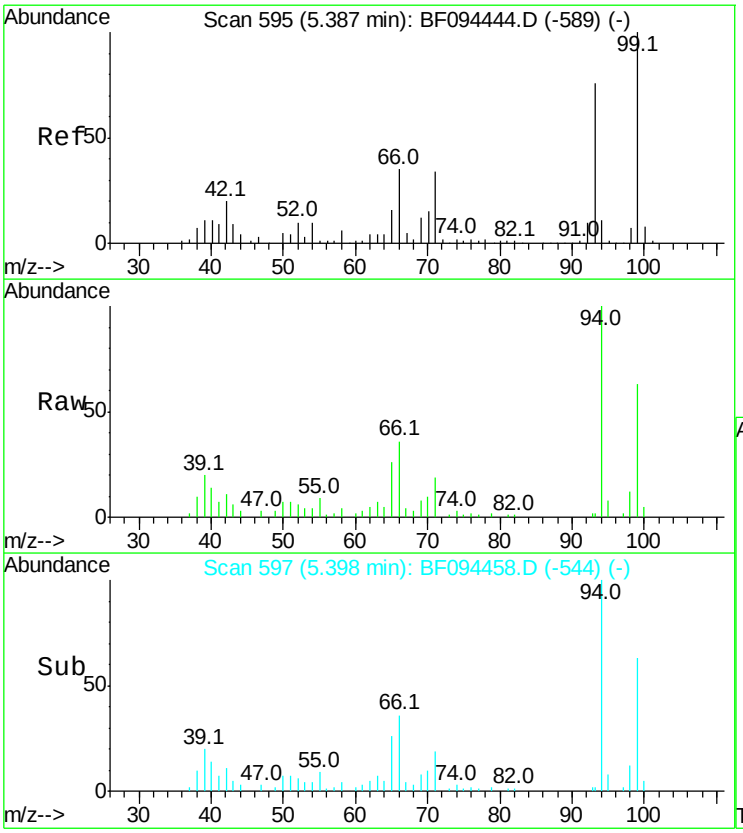

#5
2-Fluorophenol
Concen: 103.22 ng
RT: 4.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:112 Resp: 872957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.3 | 46.0 | 69.0 |
| 63 | 27.3 | 23.4 | 35.0 |

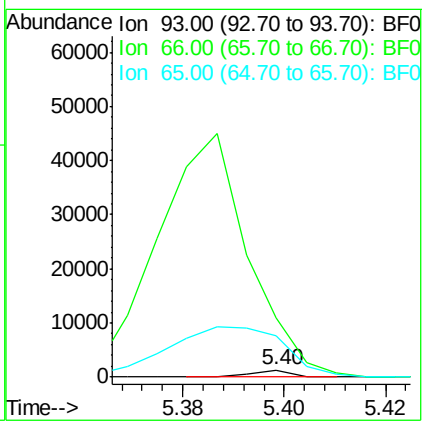


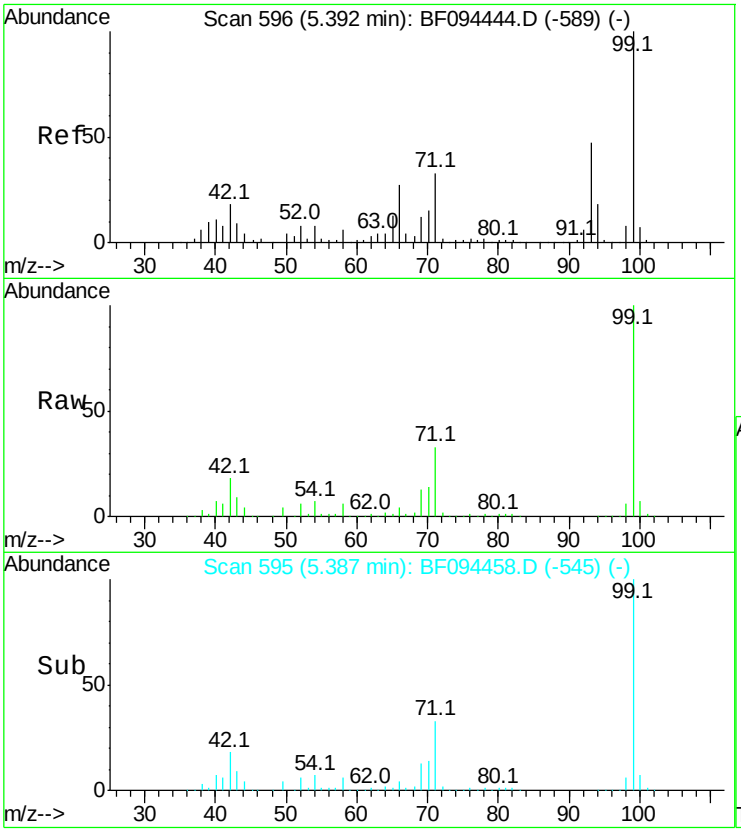




#6
Aniline
Concen: 0.05 ng
RT: 5.40 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion: 93 Resp: 674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 834.4 | 32.9 | 49.3# |
| 65 | 590.6 | 16.0 | 24.0# |



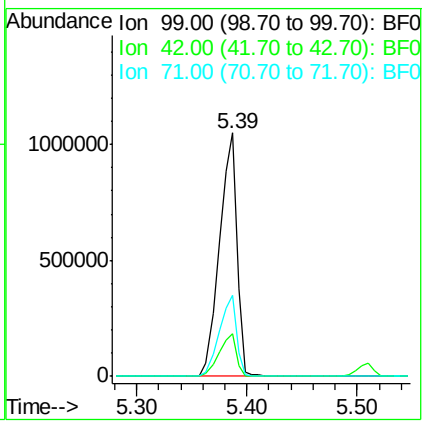


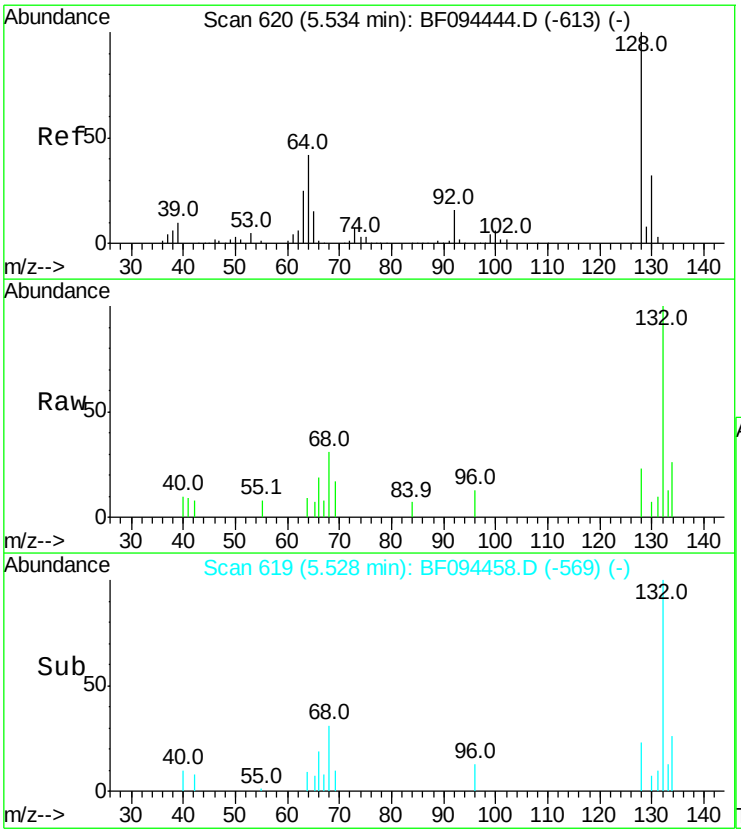

#7
Phenol-d6
Concen: 116.27 ng
RT: 5.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 99 Resp: 1159285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.5 | 13.5 | 20.3 |
| 71 | 33.2 | 24.5 | 36.7 |

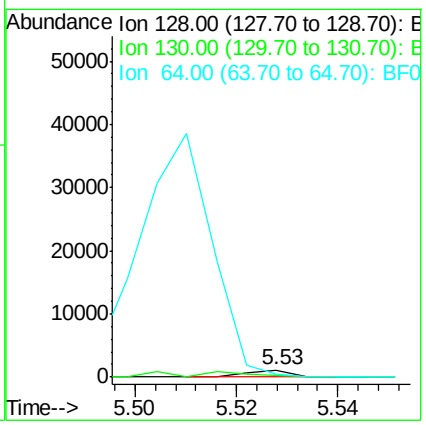


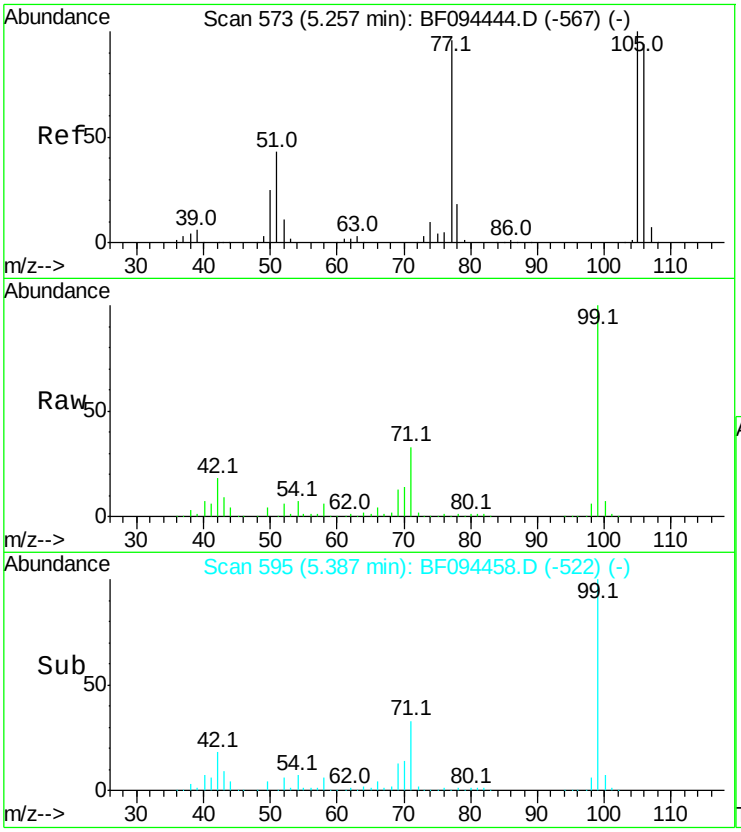




#8
2-Chlorophenol
Concen: 0.07 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:128 Resp: 627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 29.6 | 12.9 | 52.9 |
| 64 | 39.1 | 28.4 | 68.4 |



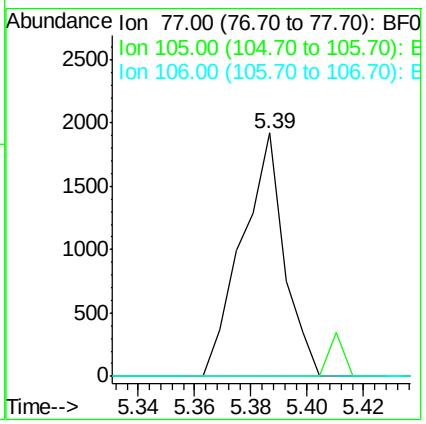


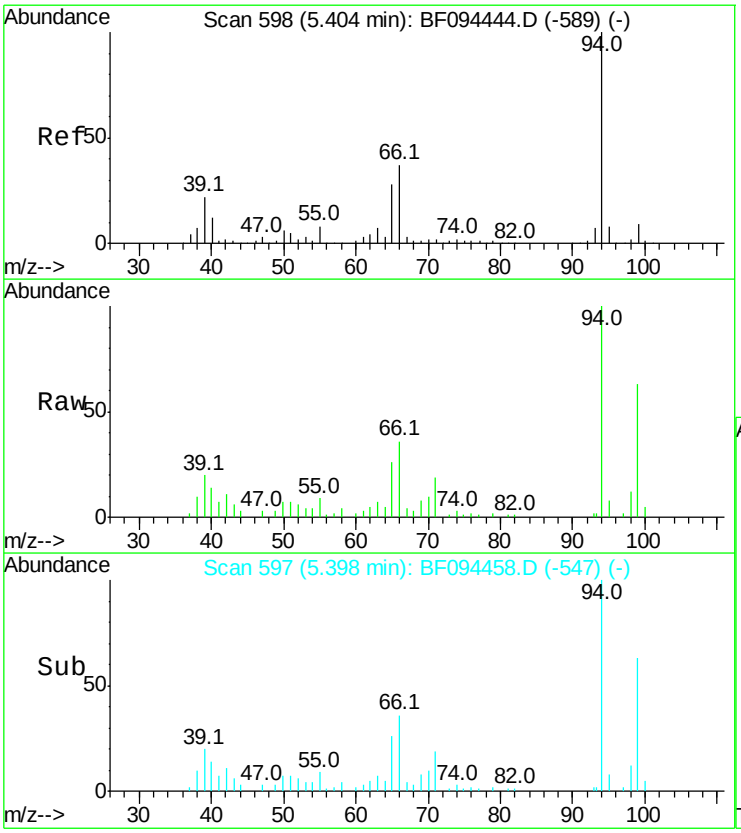

#9
Benzaldehyde
Concen: 0.26 ng
RT: 5.39 min Scan# 595
Delta R.T. 0.13 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 2000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 83.8 | 123.8# |
| 106 | 0.0 | 79.1 | 119.1# |

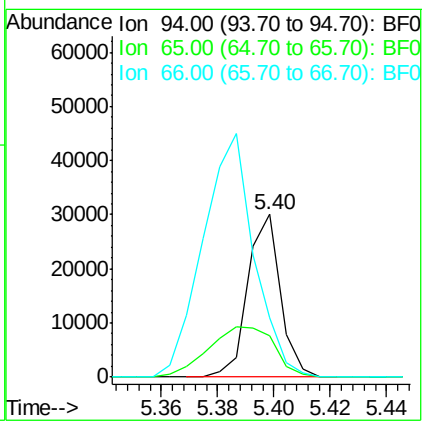


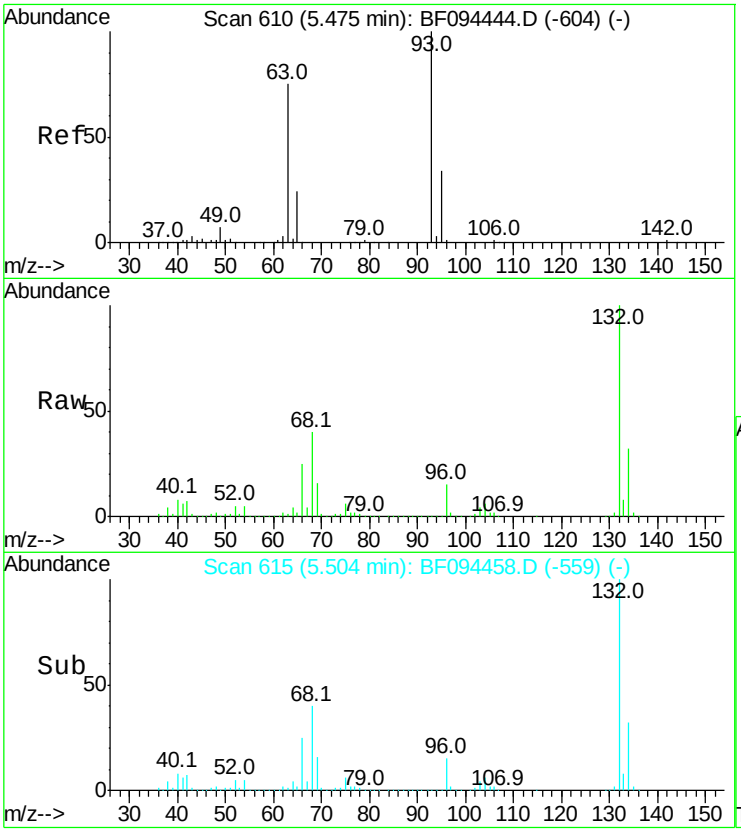




#10
Phenol
Concen: 1.96 ng
RT: 5.40 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion: 94 Resp: 24068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.7 | 9.9 | 49.9 |
| 66 | 36.3 | 23.1 | 63.1 |



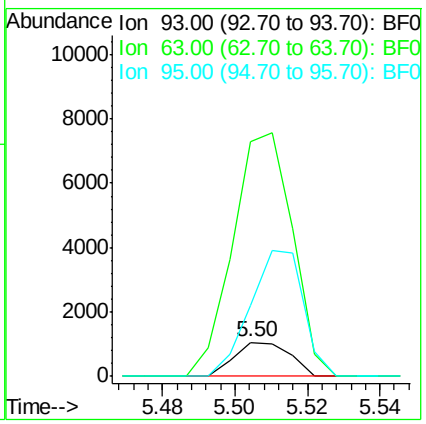


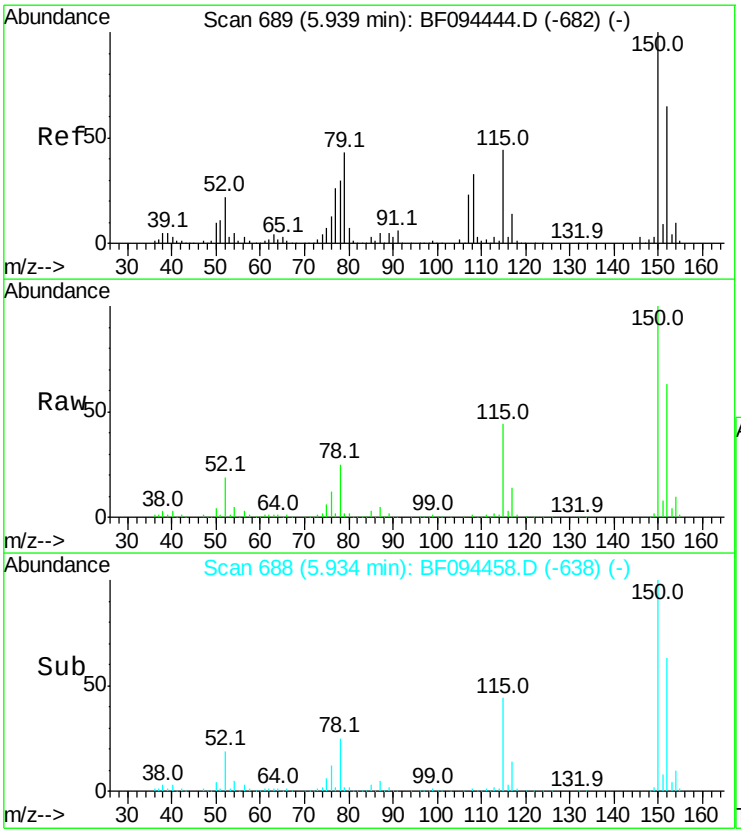

#11
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 5.50 min Scan# 615
Delta R.T. 0.03 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 93 Resp: 1129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 695.8 | 59.2 | 99.2# |
| 95 | 209.0 | 12.8 | 52.8# |

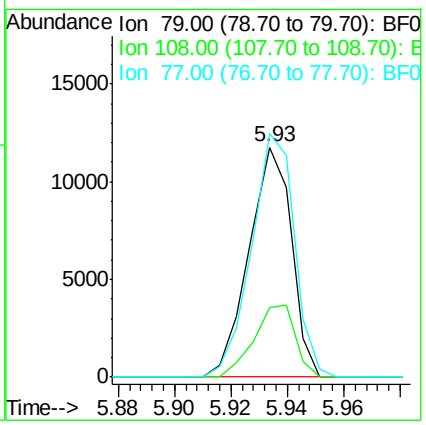


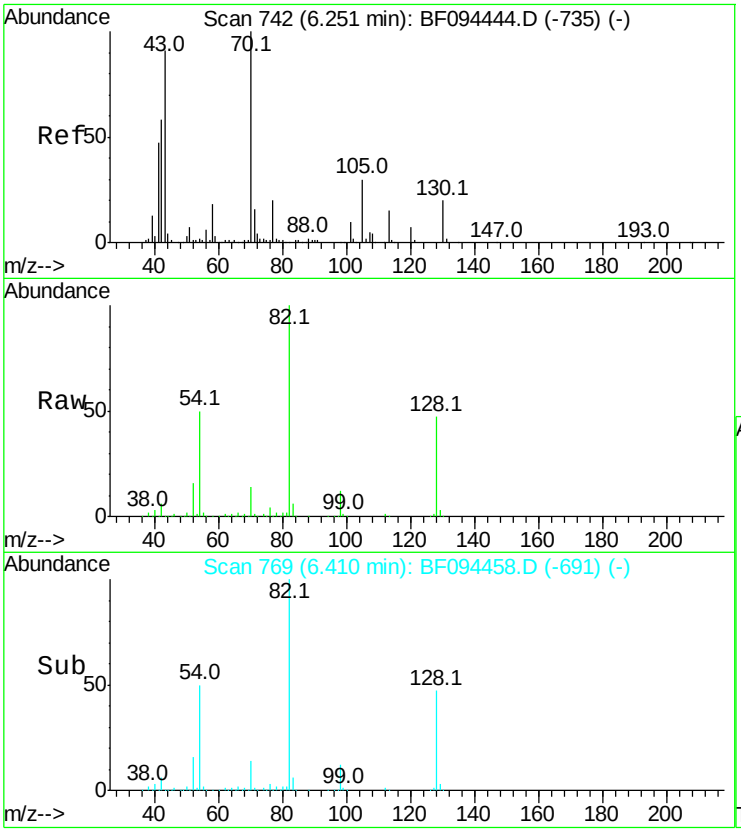




#15
Benzyl Alcohol
Concen: 1.66 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion: 79 Resp: 12278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 30.5 | 63.4 | 95.0# |
| 77 | 106.0 | 49.2 | 73.8# |



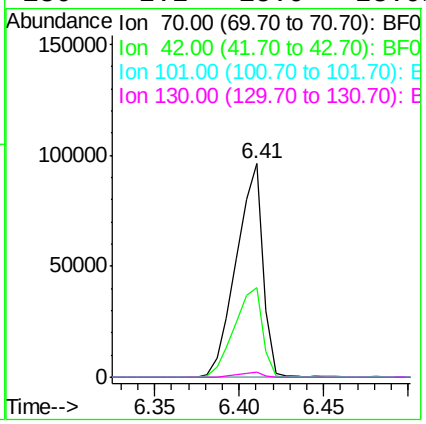


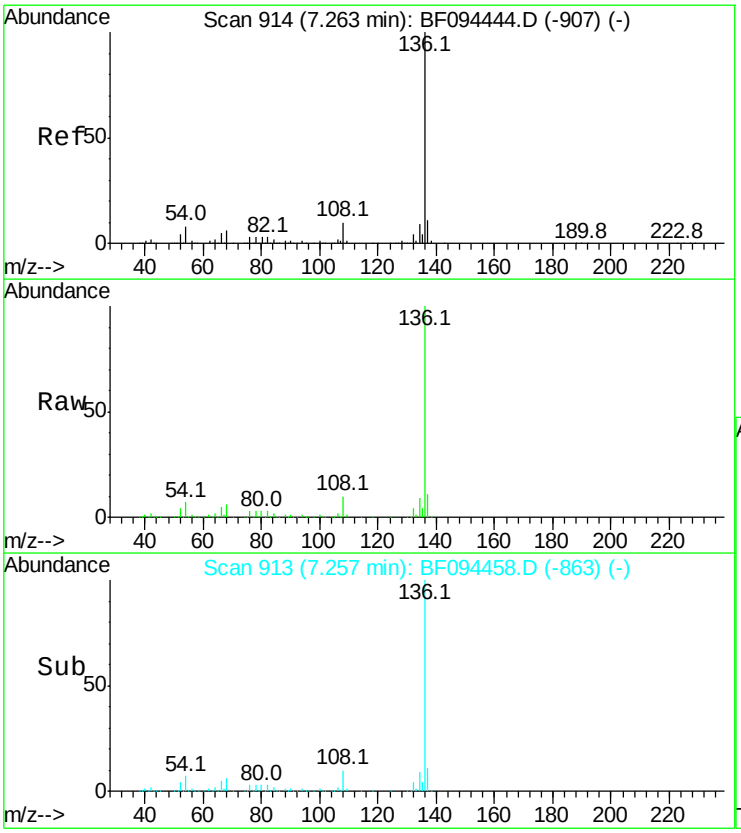

#19
n-Nitroso-di-n-propylamine
Concen: 16.05 ng
RT: 6.41 min Scan# 769
Delta R.T. 0.16 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 70 Resp: 106030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 42.0 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.2 | 15.9 | 23.9# |

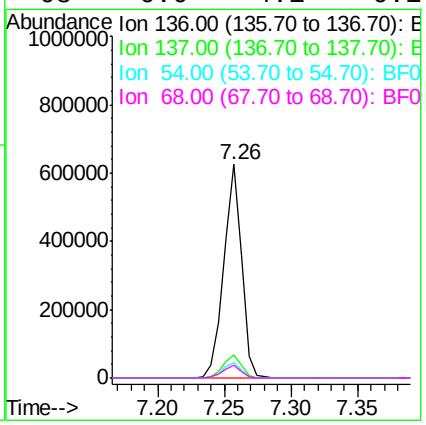


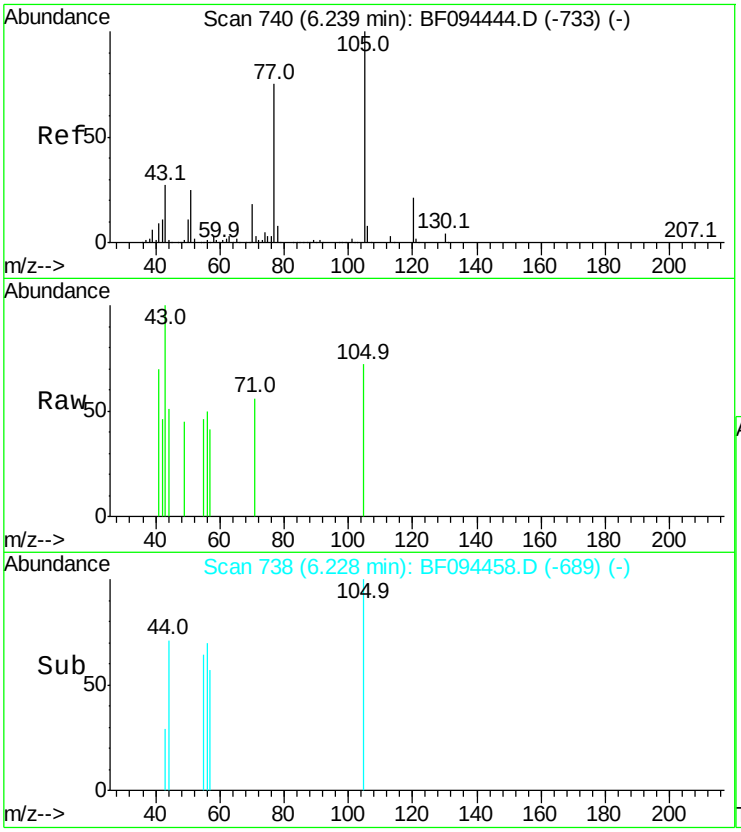




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:136 Resp: 593715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.5 | 12.7 |
| 54 | 7.3 | 4.9 | 7.3 |
| 68 | 6.0 | 4.1 | 6.1 |



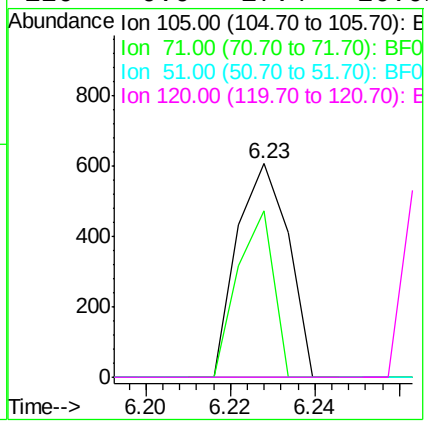


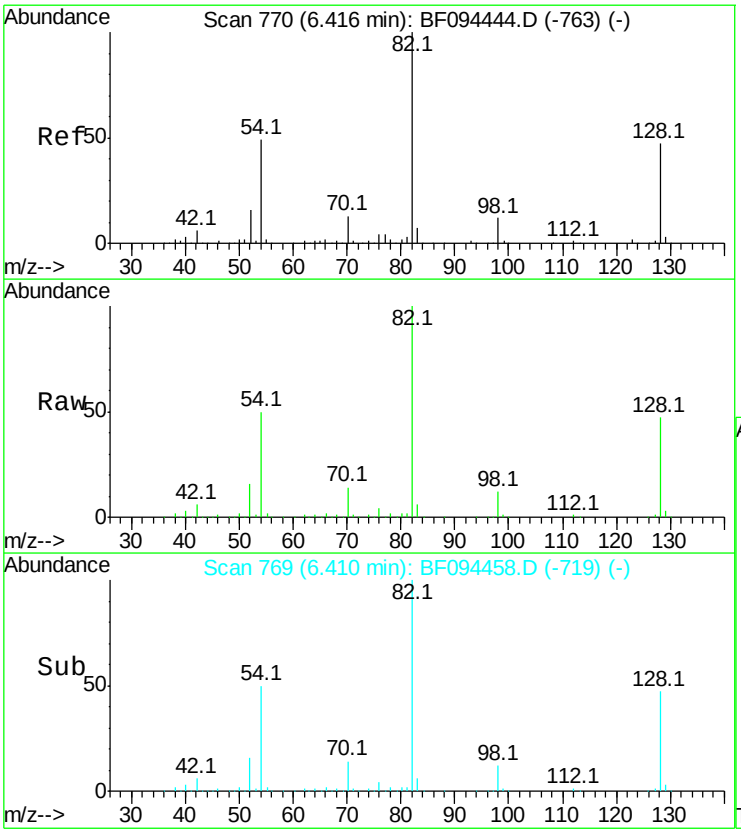

#22
Acetophenone
Concen: 0.04 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:105 Resp: 511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 77.9 | 2.8 | 4.2# |
| 51 | 0.0 | 30.7 | 46.1# |
| 120 | 0.0 | 17.4 | 26.0# |

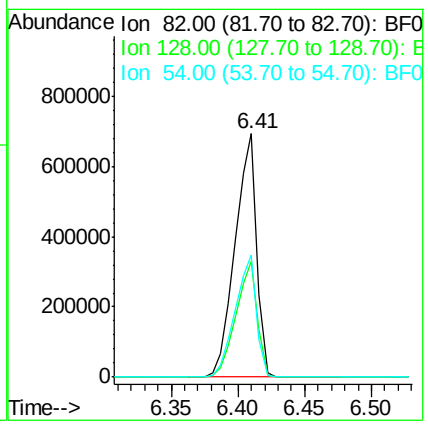


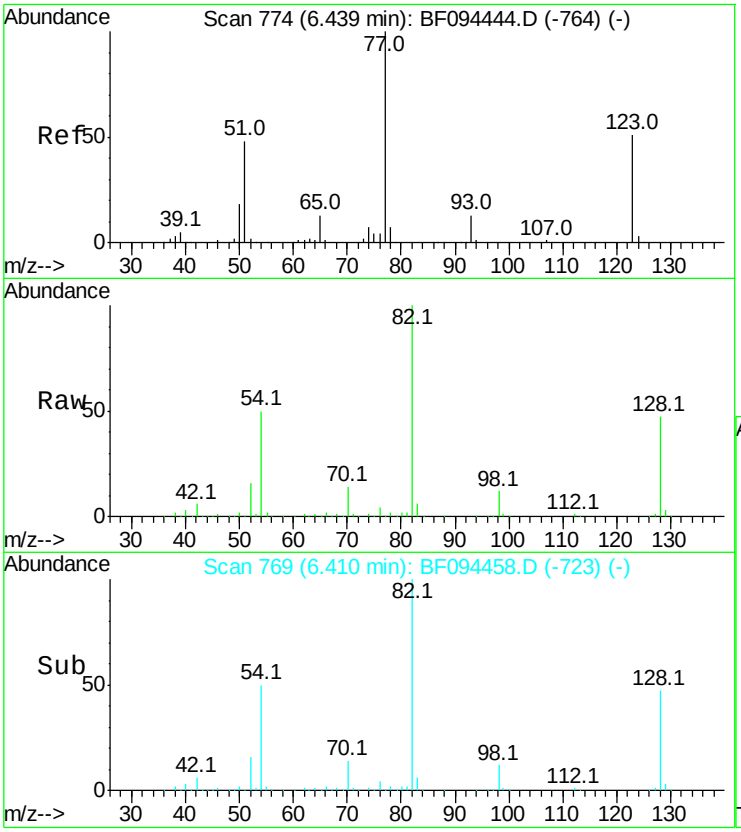




#23
Nitrobenzene-d5
Concen: 81.39 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion: 82 Resp: 782589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 34.0 | 51.0 |
| 54 | 50.0 | 42.2 | 63.2 |



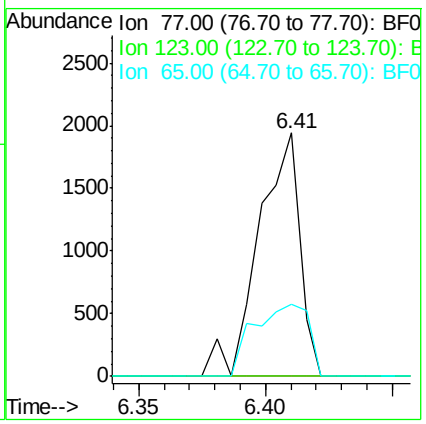


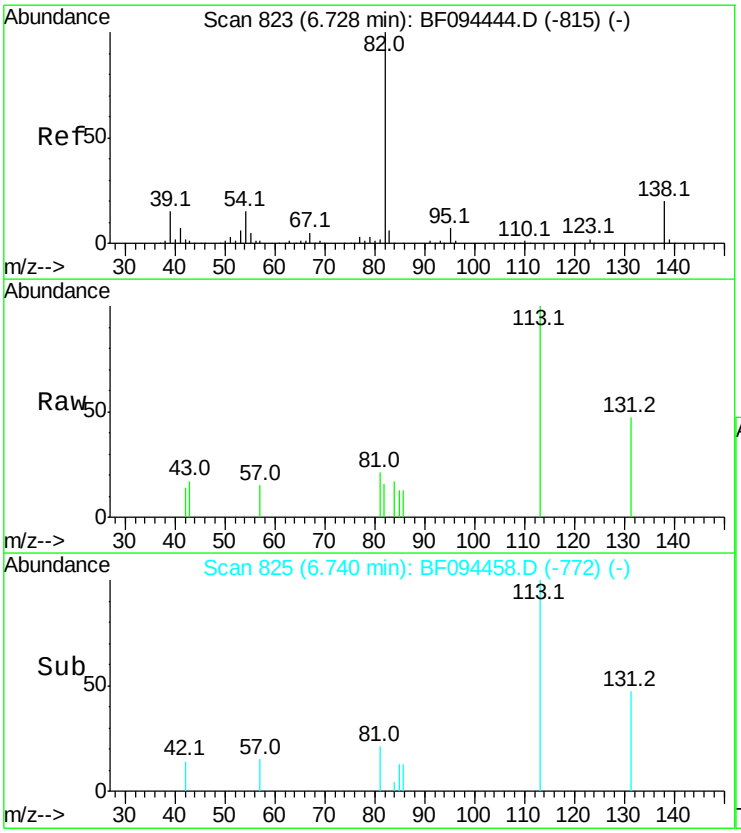

#24
Nitrobenzene
Concen: 0.22 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 2181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 35.8 | 53.8# |
| 65 | 29.7 | 10.6 | 15.8# |

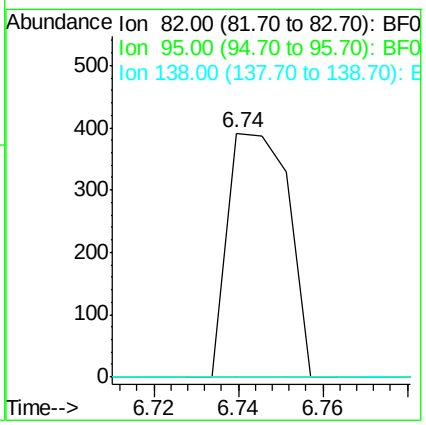


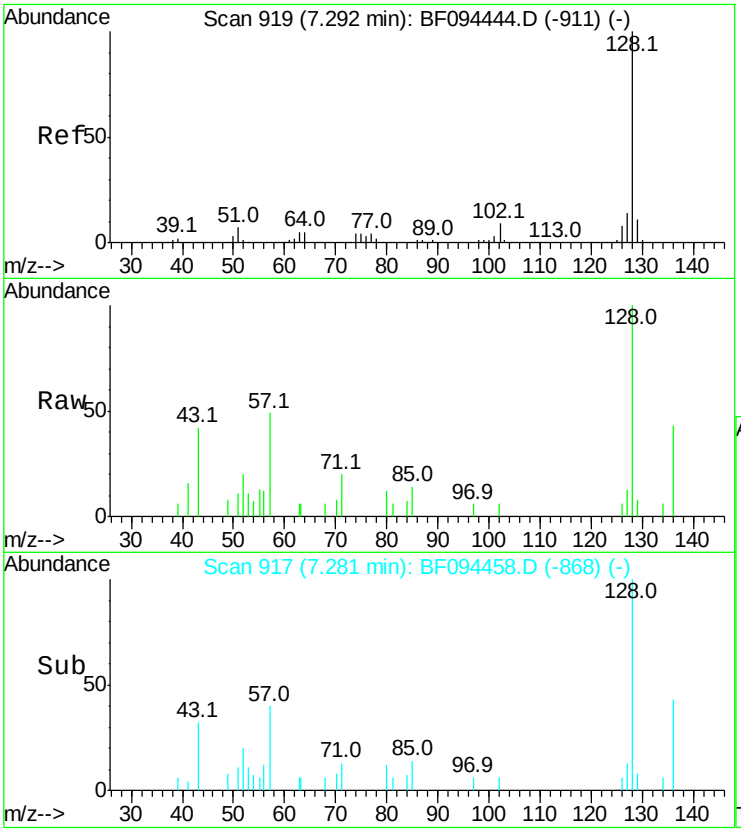




#25
Isophorone
Concen: 0.02 ng
RT: 6.74 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion: 82 Resp: 391

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



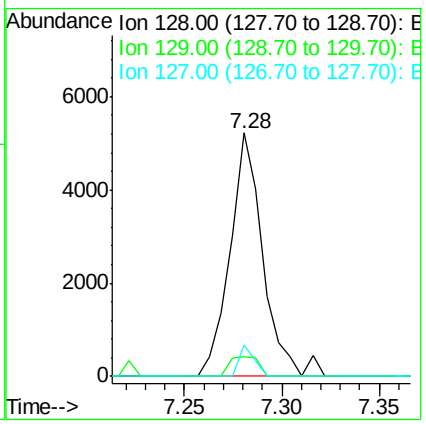


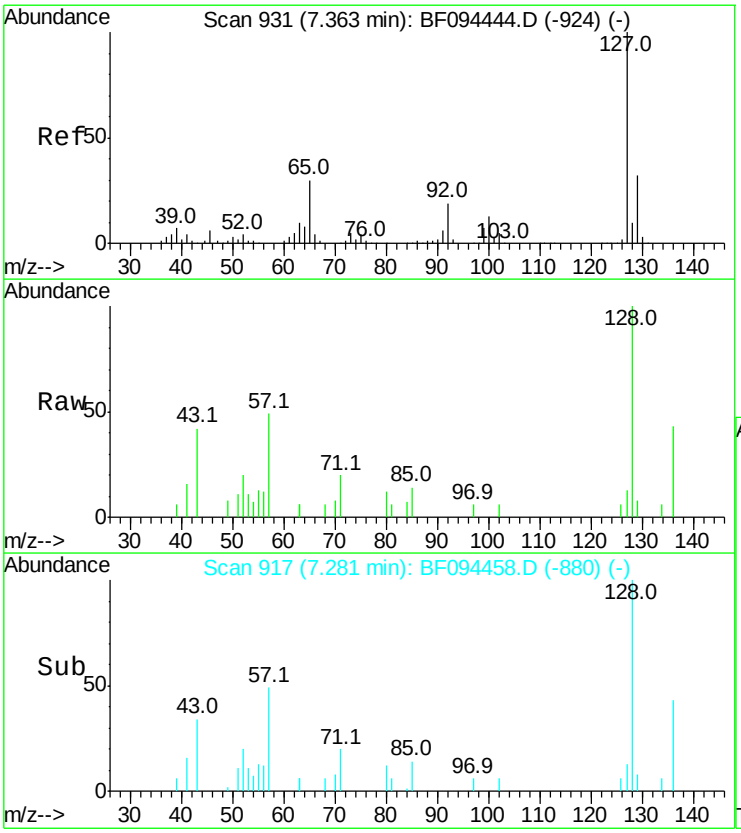

#31
Naphthalene
Concen: 0.21 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:128 Resp: 6117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 8.2 | 9.0 | 13.6# |
| 127 | 13.0 | 10.8 | 16.2 |

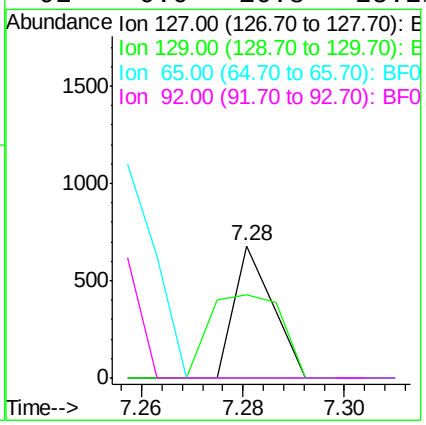


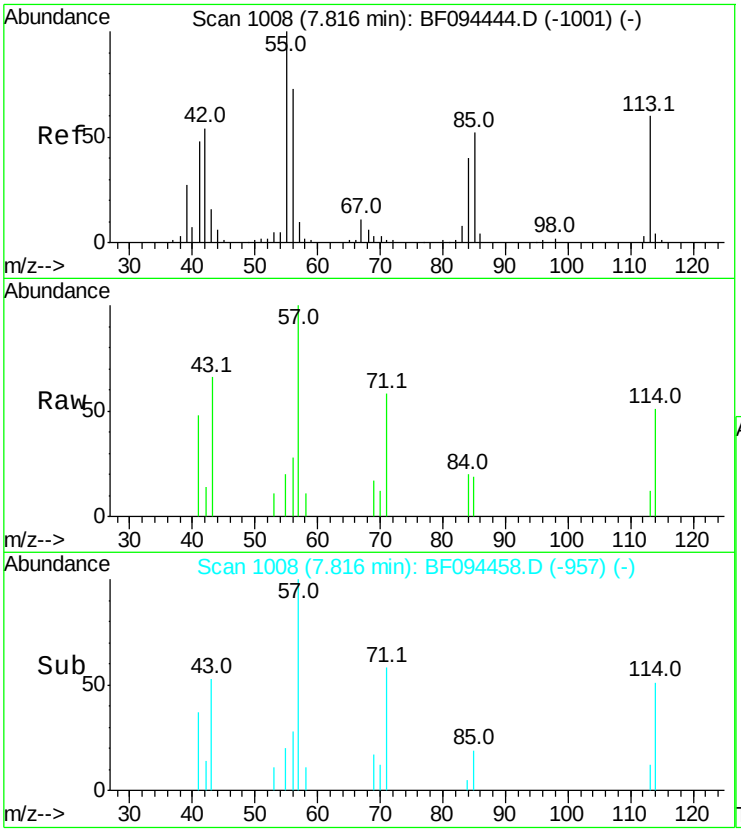




#33
4-Chloroaniline
Concen: 0.03 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.08 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:127 Resp: 360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 63.6 | 26.2 | 39.2# |
| 65 | 0.0 | 27.8 | 41.8# |
| 92 | 0.0 | 16.8 | 25.2# |



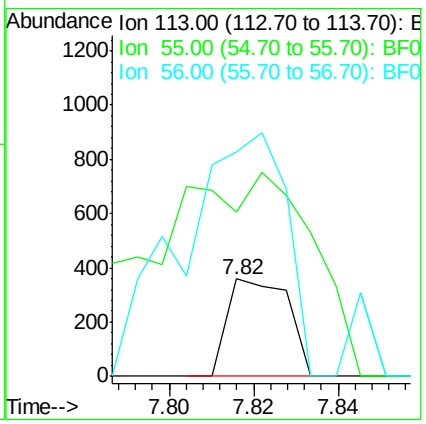


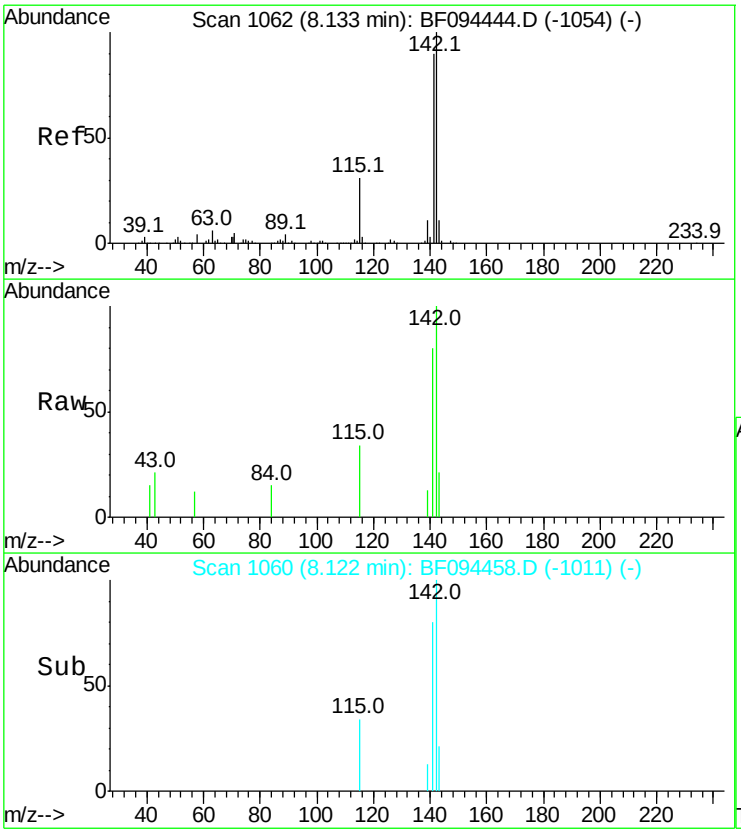

#35
Caprolactam
Concen: 0.14 ng
RT: 7.82 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:113 Resp: 355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 168.7 | 150.2 | 190.2 |
| 56 | 231.0 | 107.8 | 147.8# |

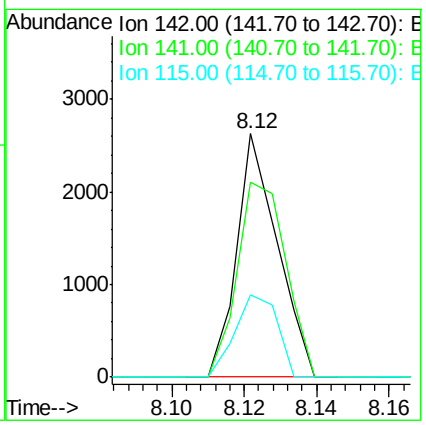


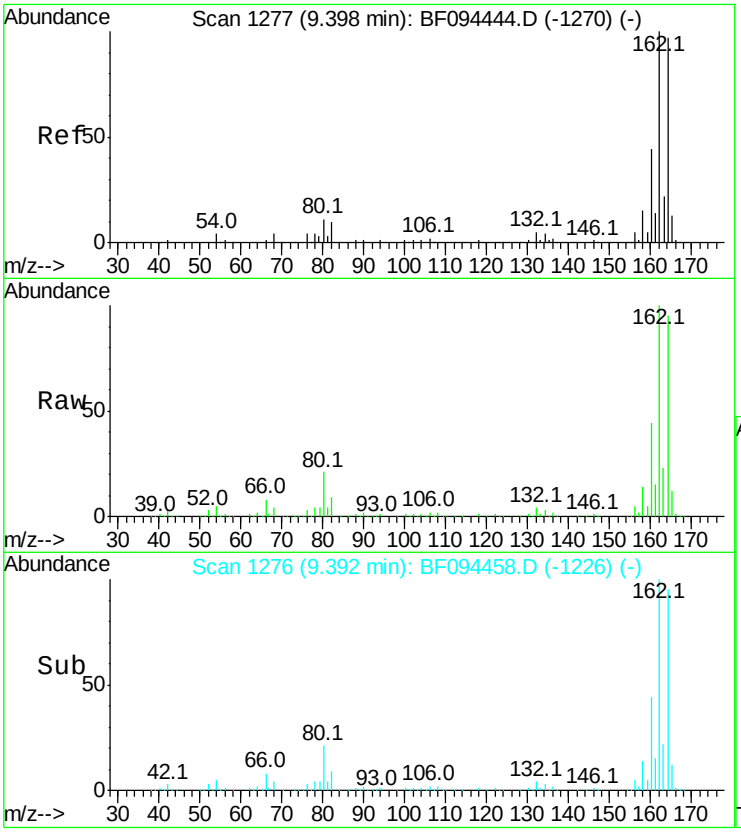




#37
2-Methylnaphthalene
Concen: 0.10 ng
RT: 8.12 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:142 Resp: 2048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 80.2 | 71.3 | 106.9 |
| 115 | 34.0 | 27.1 | 40.7 |



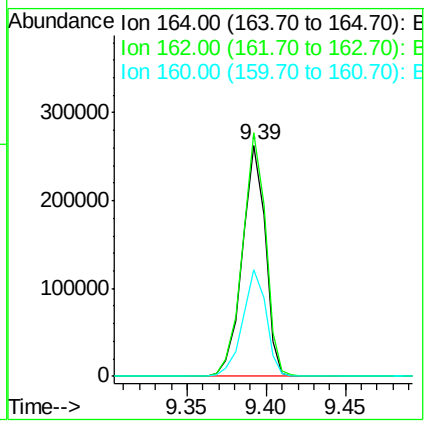


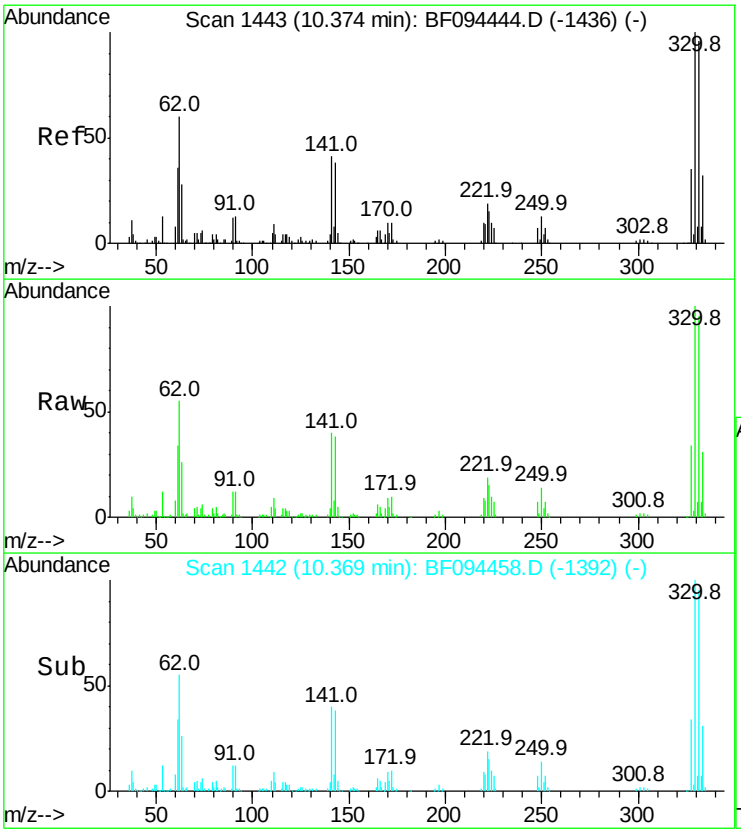

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 264348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.5 | 82.6 | 123.8 |
| 160 | 46.2 | 36.2 | 54.2 |

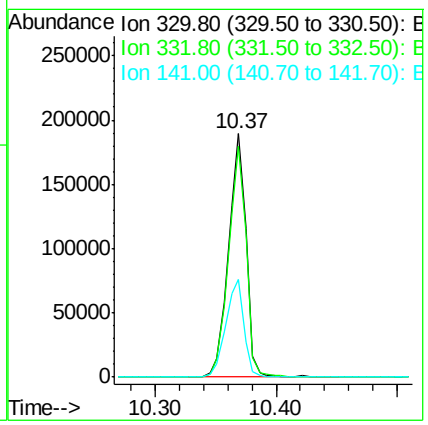


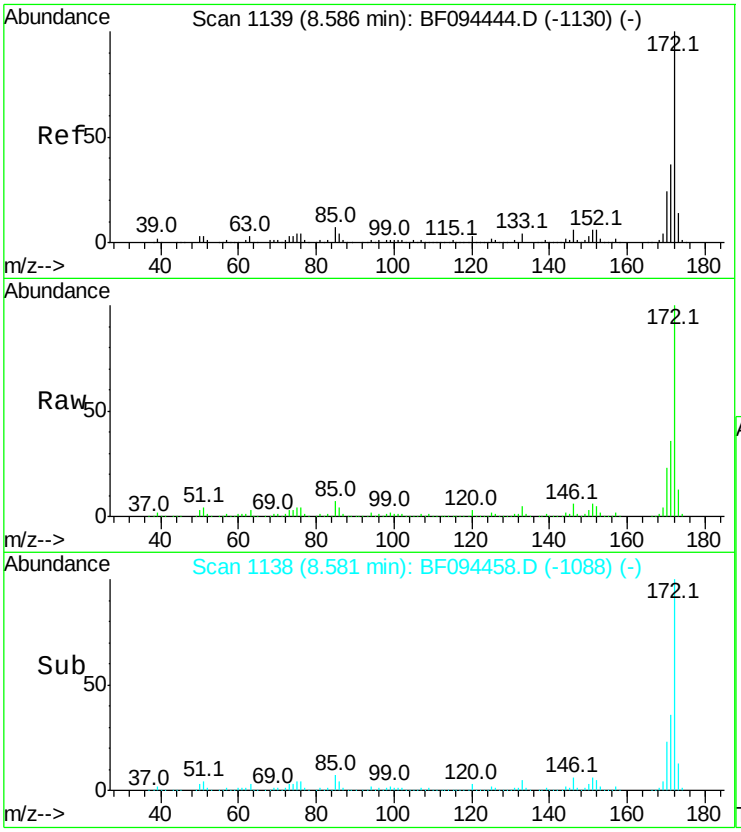




#41
2,4,6-Tribromophenol
Concen: 92.51 ng
RT: 10.37 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:330 Resp: 191278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 76.6 | 115.0 |
| 141 | 41.8 | 31.4 | 47.2 |



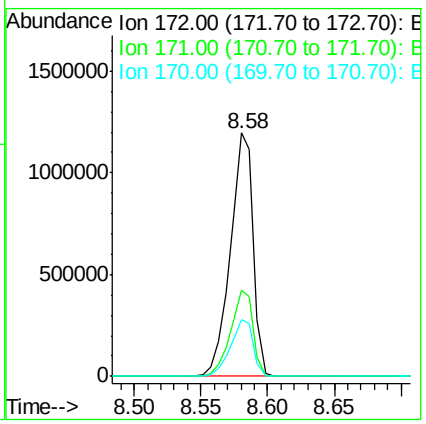


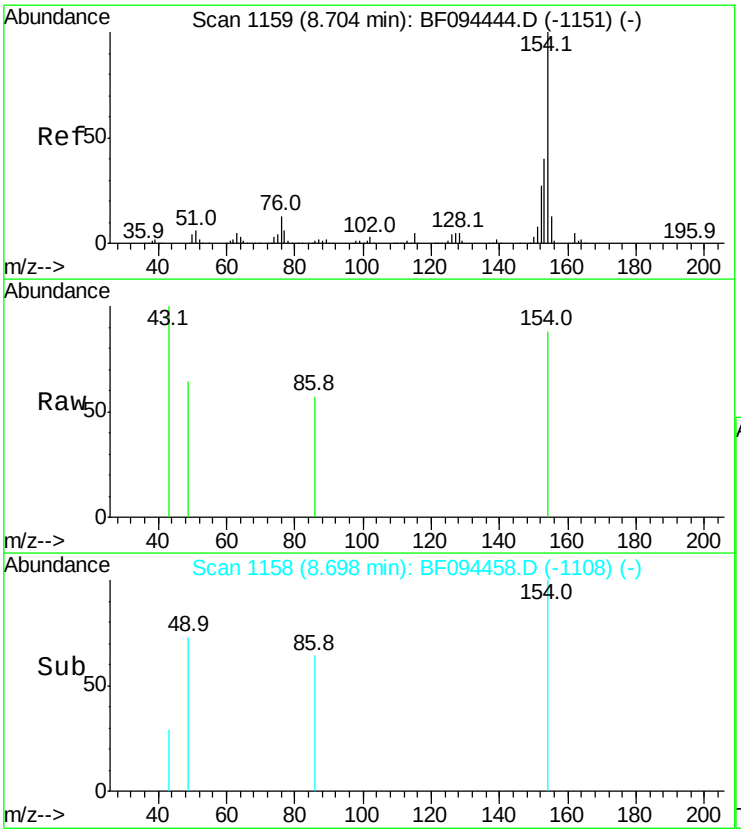

#44
2-Fluorobiphenyl
Concen: 79.30 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:172 Resp: 1424680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 29.6 | 44.4 |
| 170 | 23.4 | 19.8 | 29.8 |

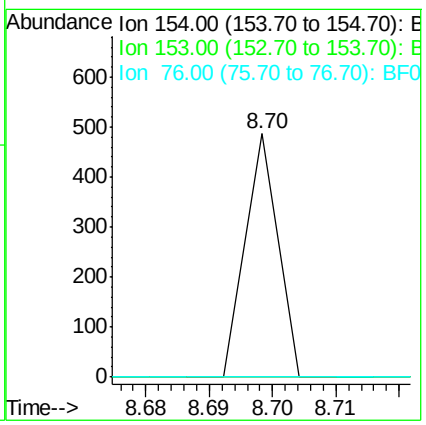


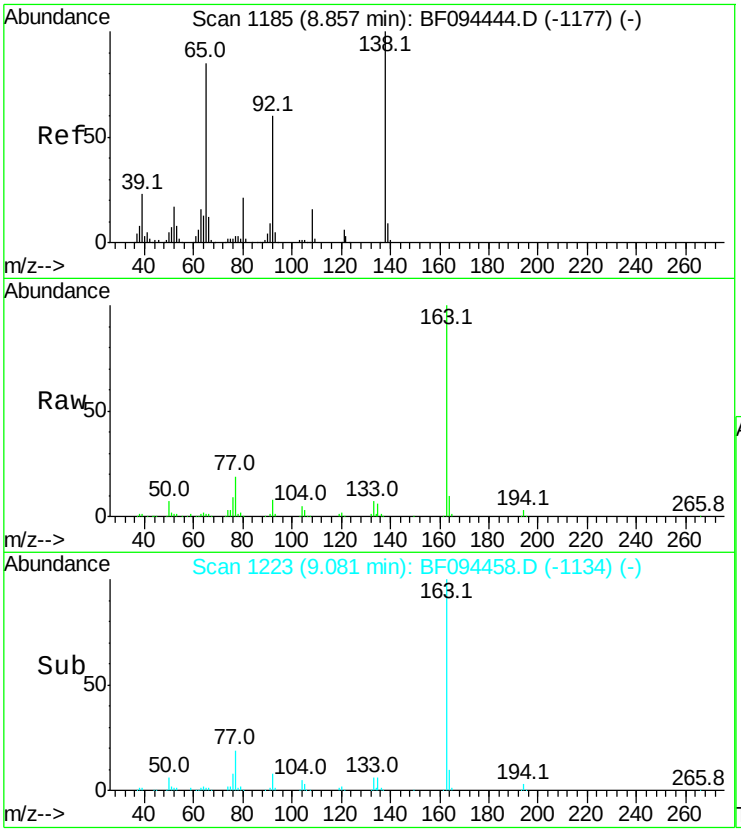




#45
1,1'-Biphenyl
Concen: 0.01 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:154 Resp: 172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 21.2 | 61.2# |
| 76 | 0.0 | 0.0 | 29.9 |



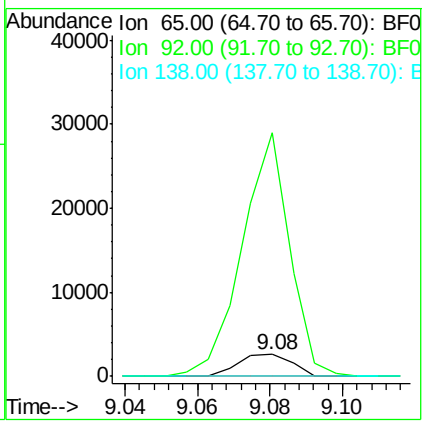


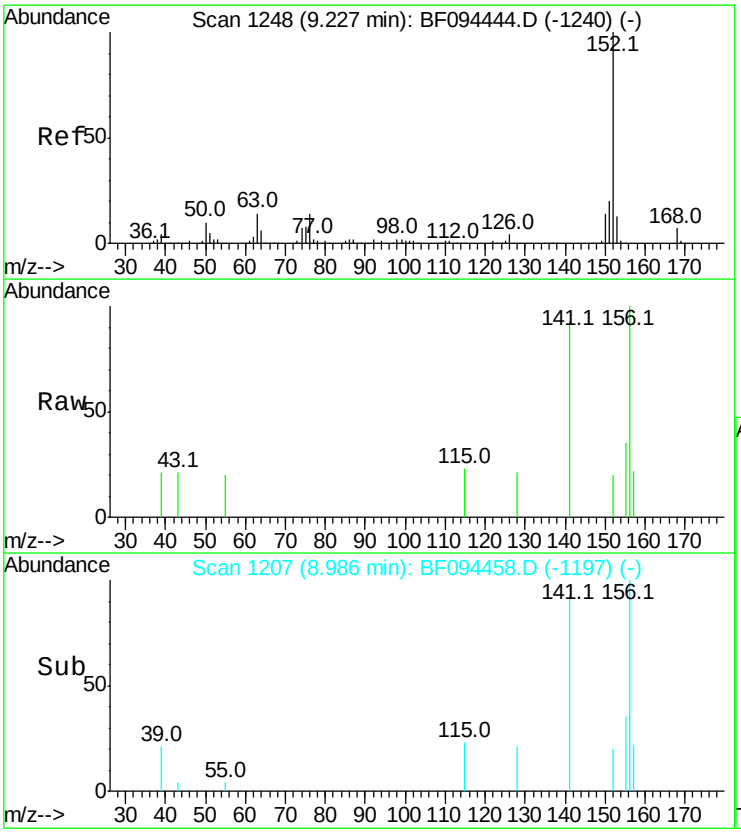

#47
2-Nitroaniline
Concen: 0.55 ng
RT: 9.08 min Scan# 1223
Delta R.T. 0.22 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 65 Resp: 2697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 1104.6 | 53.9 | 80.9# |
| 138 | 0.0 | 78.8 | 118.2# |

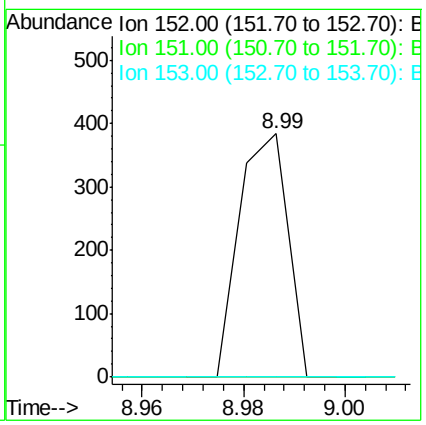


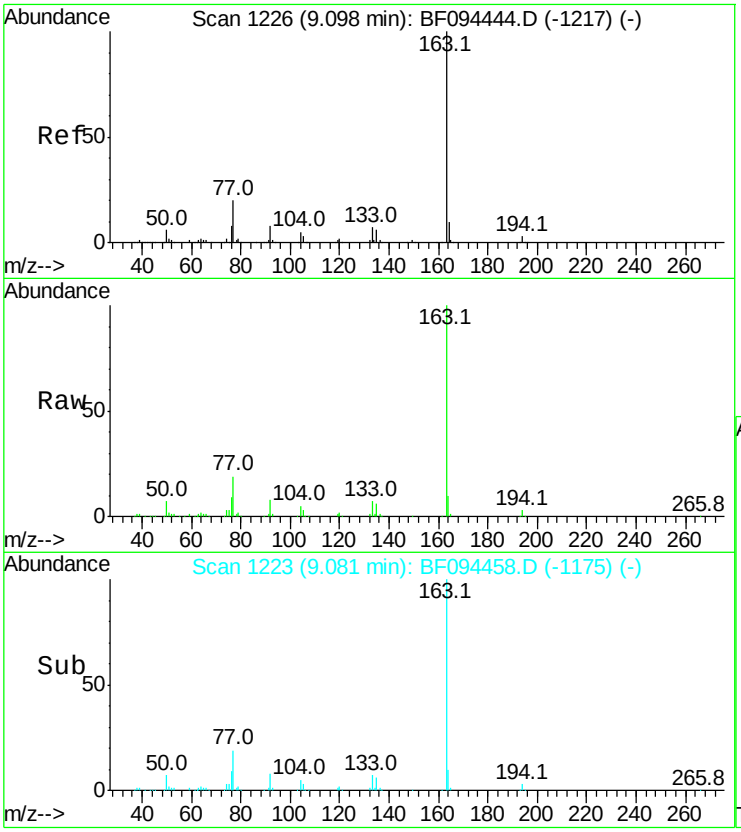




#48
Acenaphthylene
Concen: 0.01 ng
RT: 8.99 min Scan# 1207
Delta R.T. -0.24 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:152 Resp: 255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 16.8 | 25.2# |
| 153 | 0.0 | 10.8 | 16.2# |



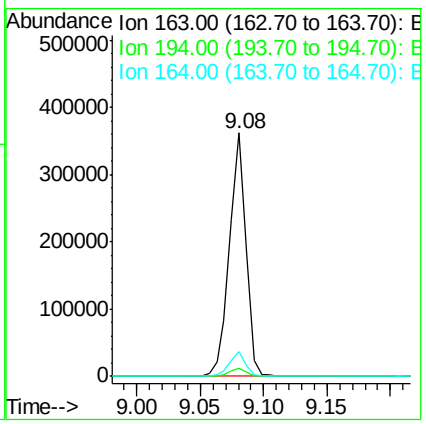


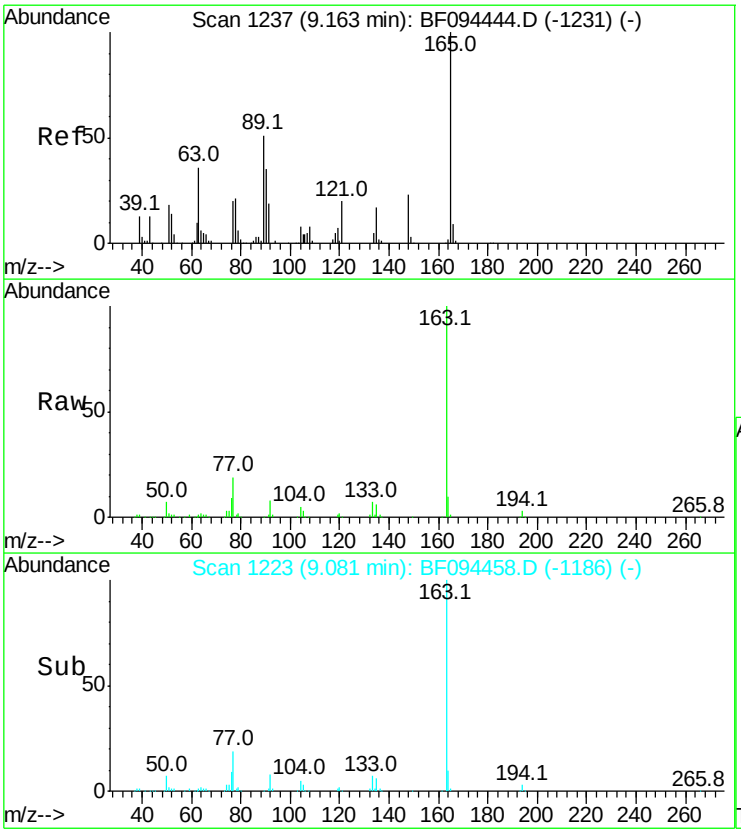

#49
Dimethylphthalate
Concen: 16.51 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:163 Resp: 325325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.6 | 4.0 |
| 164 | 10.0 | 8.4 | 12.6 |

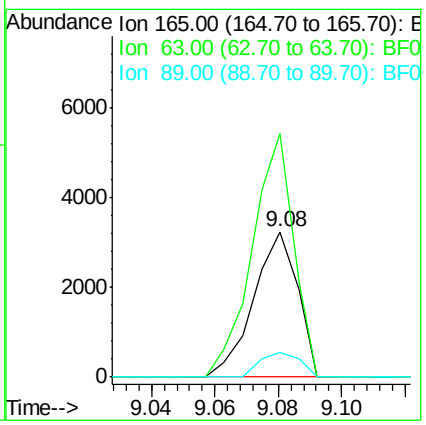


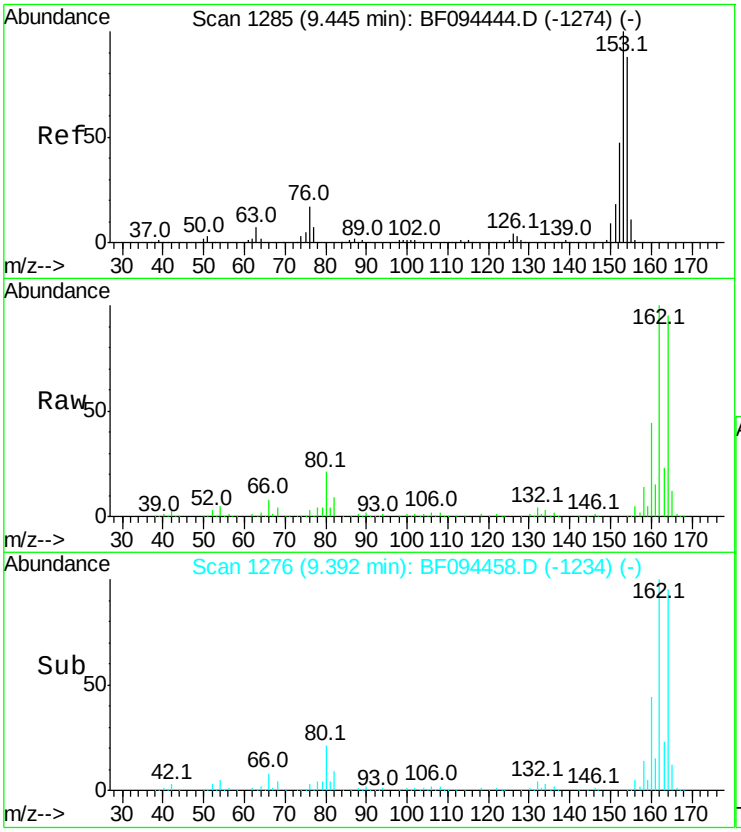




#50
2,6-Dinitrotoluene
Concen: 0.71 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.08 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:165 Resp: 3122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 167.6 | 34.3 | 51.5# |
| 89 | 17.1 | 37.1 | 55.7# |



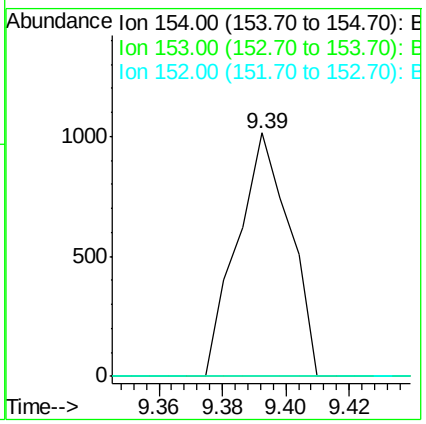


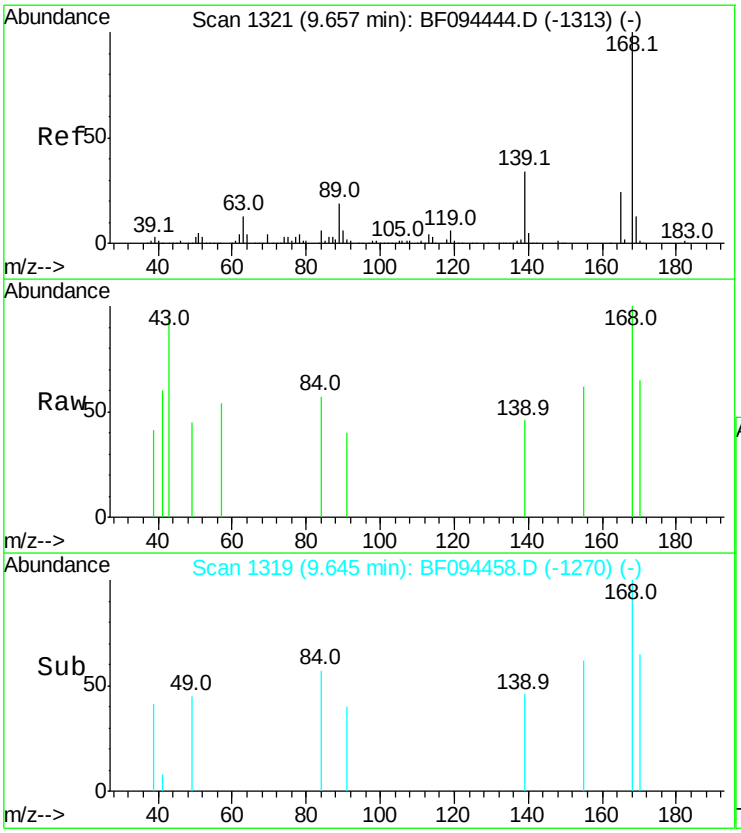

#51
Acenaphthene
Concen: 0.07 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:154 Resp: 1161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 90.5 | 135.7# |
| 152 | 0.0 | 43.6 | 65.4# |

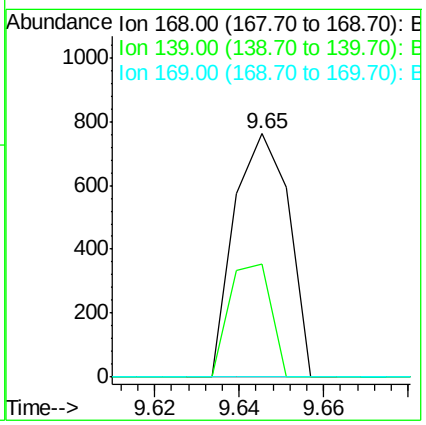


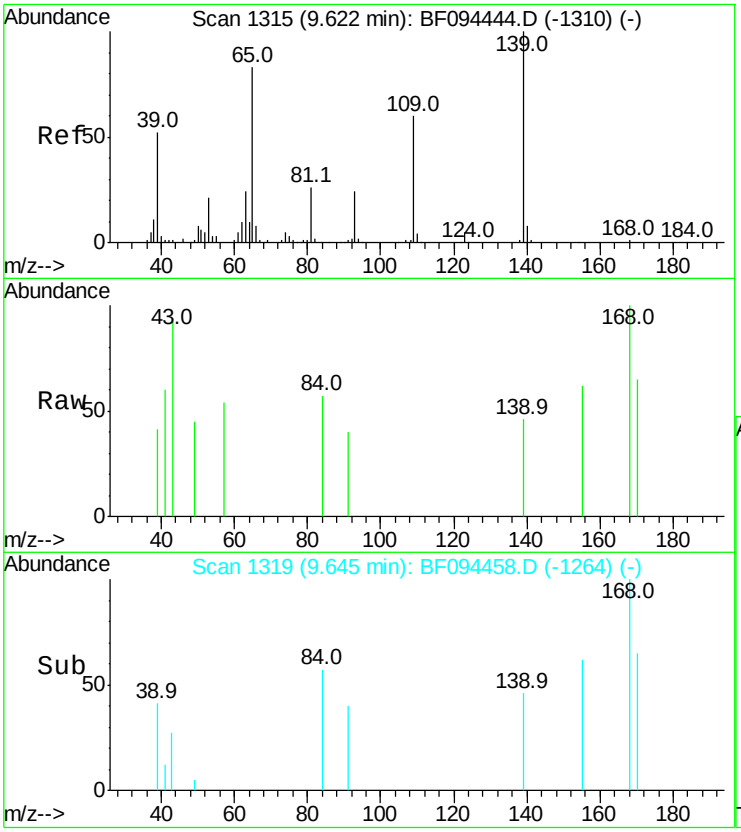




#54
Dibenzofuran
Concen: 0.03 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:168 Resp: 681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 46.5 | 30.6 | 45.8# |
| 169 | 0.0 | 10.8 | 16.2# |



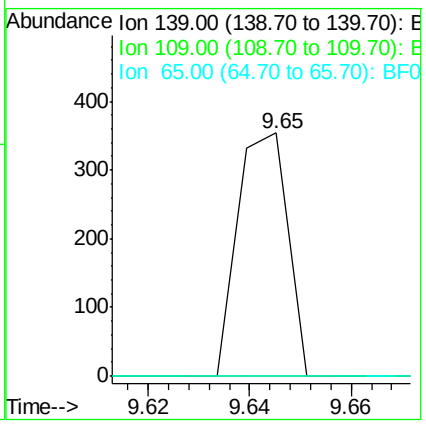


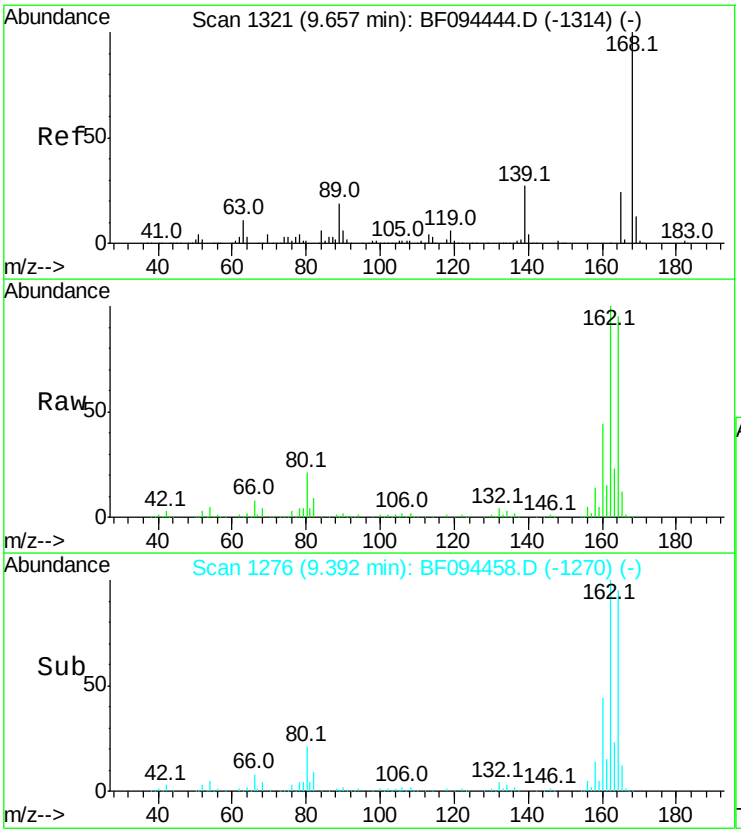

#55
4-Nitrophenol
Concen: 0.07 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:139 Resp: 242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 34.1 | 74.1# |
| 65 | 0.0 | 31.4 | 71.4# |

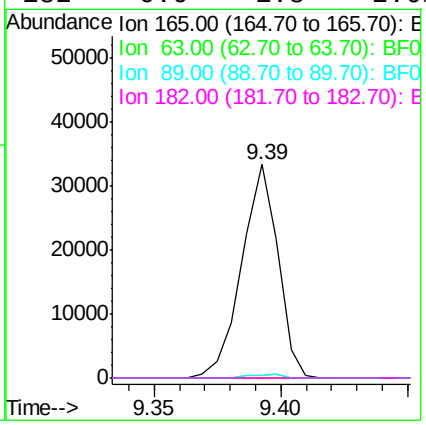


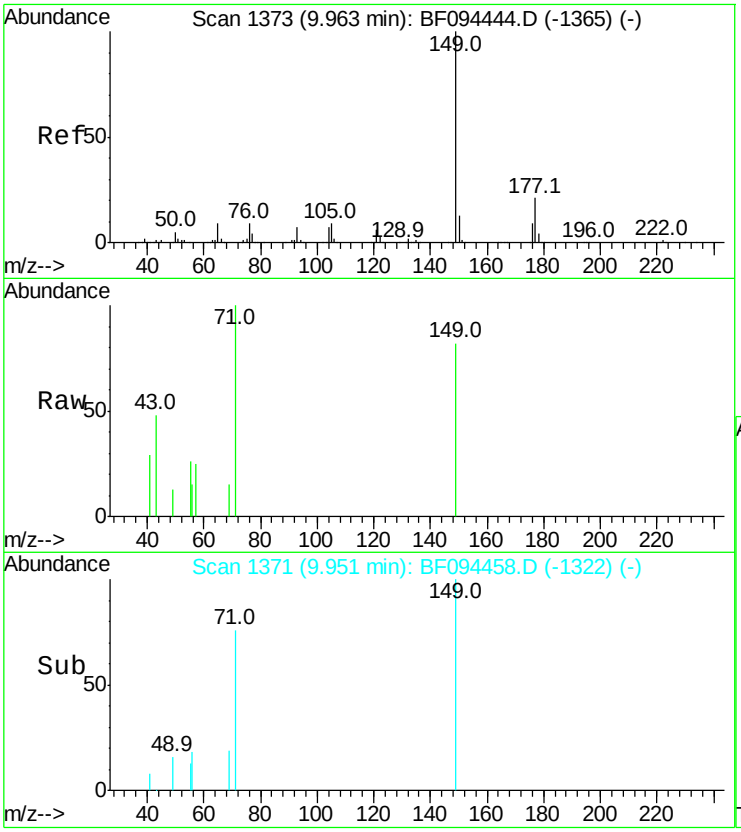




#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.26 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:165 Resp: 33317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 25.4 | 38.0# |
| 89 | 1.3 | 46.4 | 69.6# |
| 182 | 0.0 | 1.8 | 2.6# |



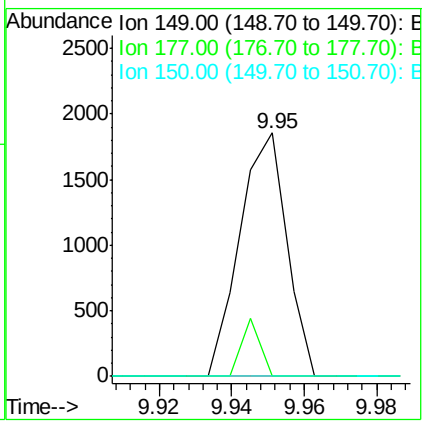


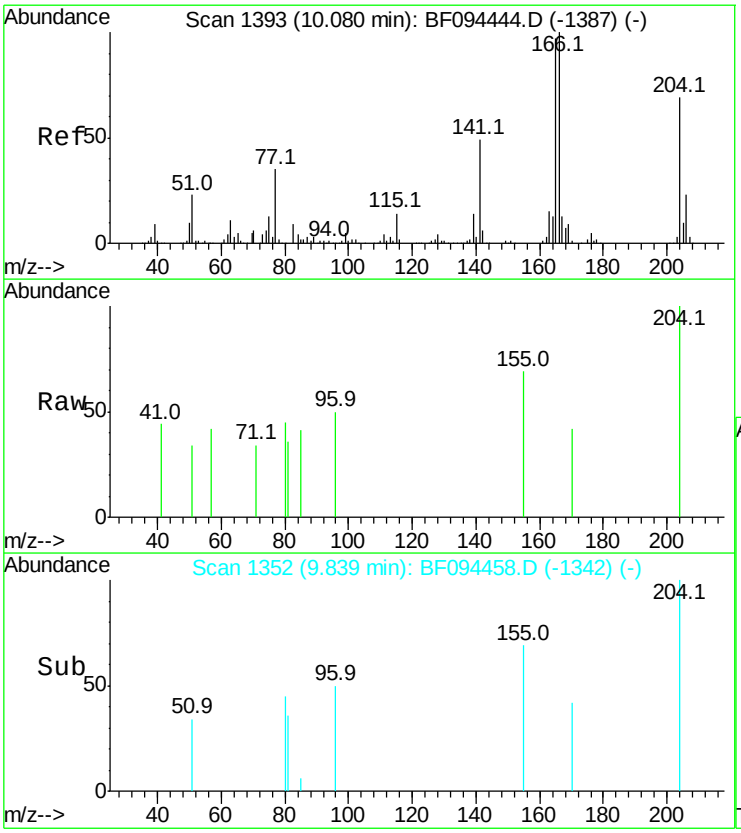

#59
Diethylphthalate
Concen: 0.09 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:149 Resp: 1661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 16.7 | 25.1# |
| 150 | 0.0 | 10.2 | 15.2# |

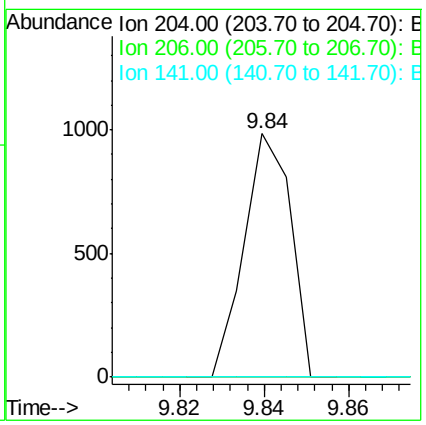


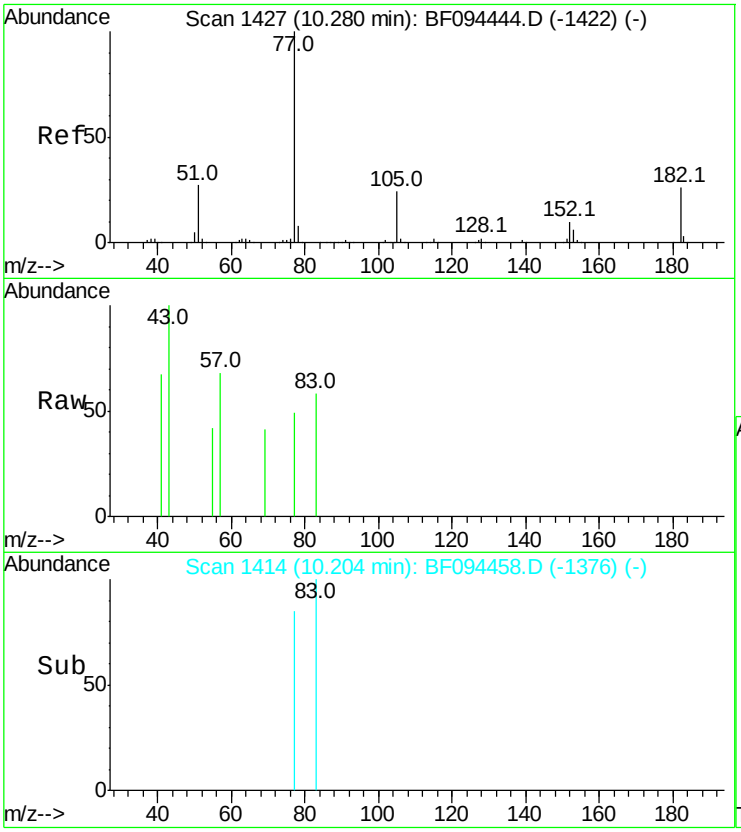




#60
4-Chlorophenyl-phenylether
Concen: 0.10 ng
RT: 9.84 min Scan# 1352
Delta R.T. -0.24 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:204 Resp: 757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 0.0 | 26.2 | 39.2# |
| 141 | 0.0 | 60.8 | 91.2# |



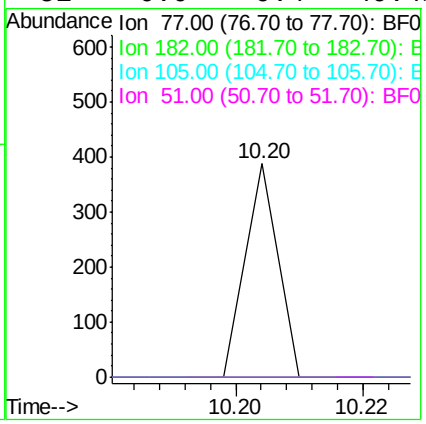


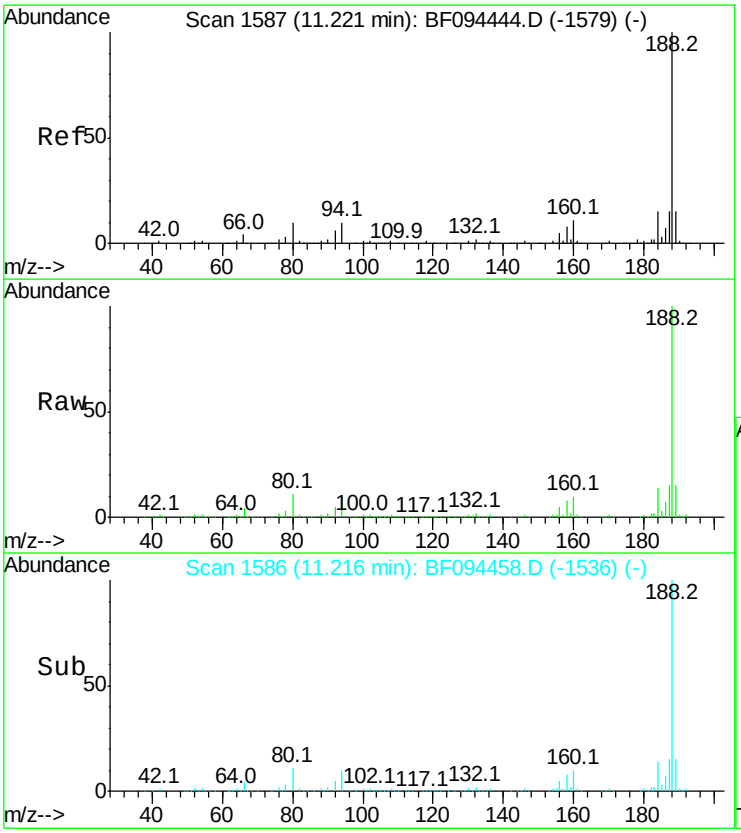

#62
Azobenzene
Concen: 0.01 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.08 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 0.1 | 40.1# |
| 105 | 0.0 | 3.6 | 43.6# |
| 51 | 0.0 | 9.4 | 49.4# |

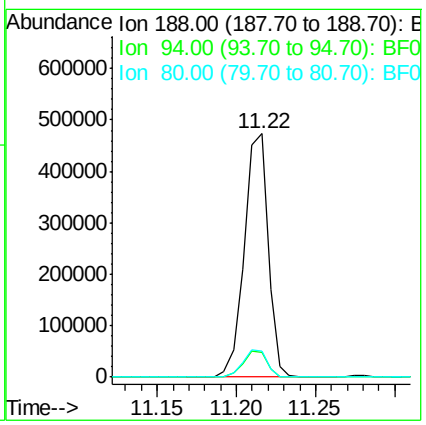


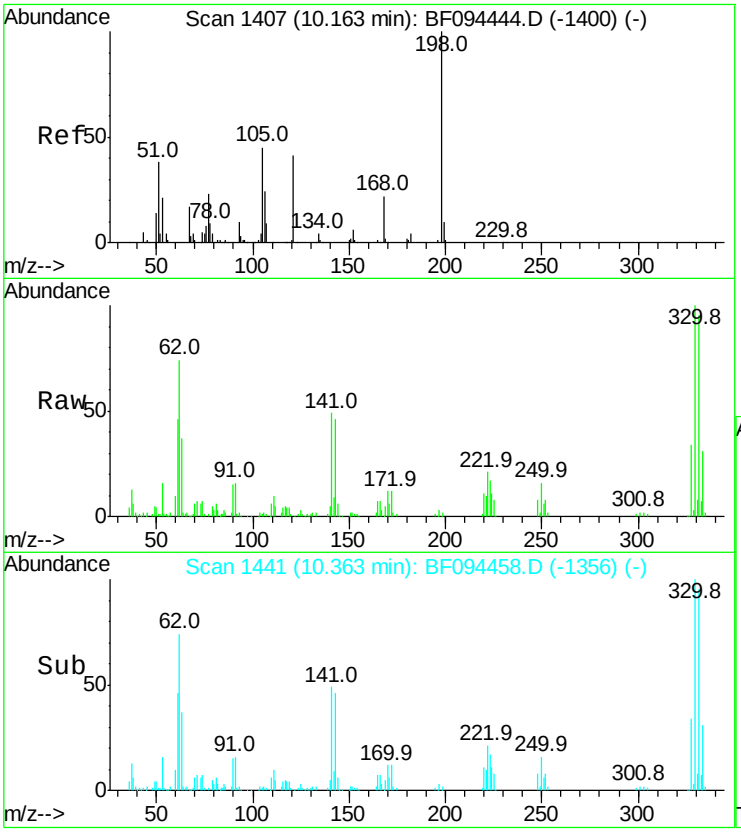




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:188 Resp: 493675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 9.4 | 14.2 |
| 80 | 10.8 | 10.2 | 15.2 |



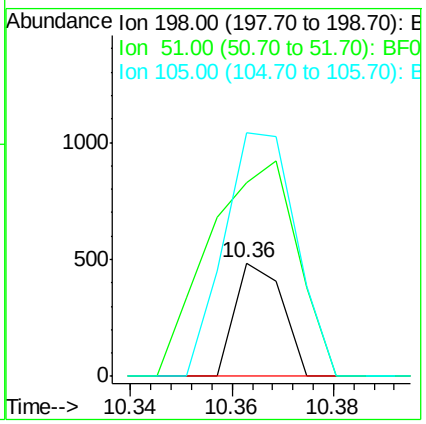


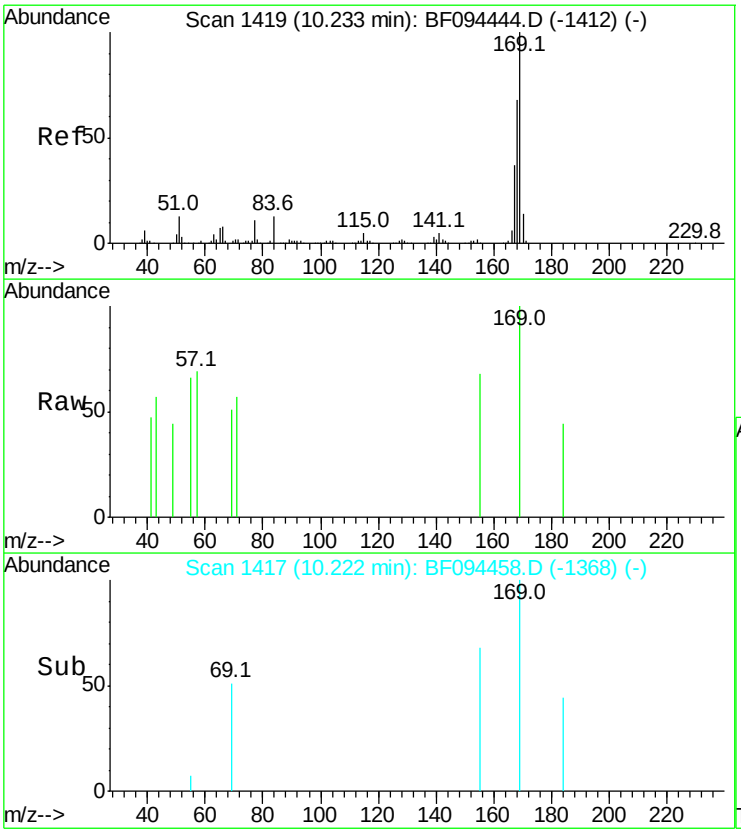

#64
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 10.36 min Scan# 1441
Delta R.T. 0.20 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:198 Resp: 316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 170.5 | 53.2 | 93.2# |
| 105 | 214.6 | 45.8 | 85.8# |

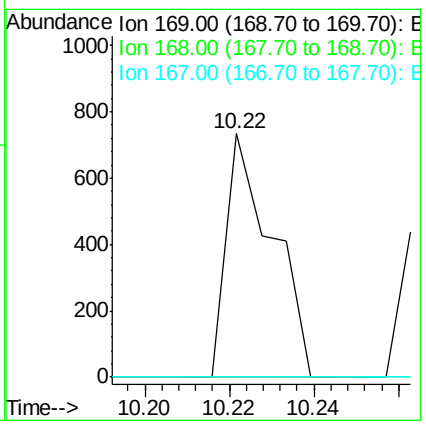


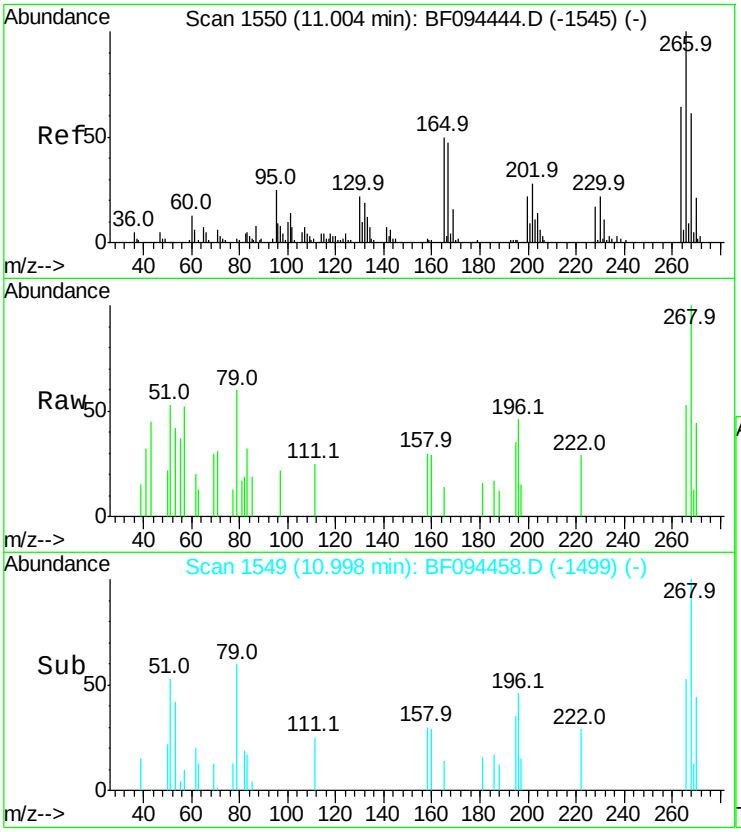




#65
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:169 Resp: 554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 53.2 | 79.8# |
| 167 | 0.0 | 29.5 | 44.3# |



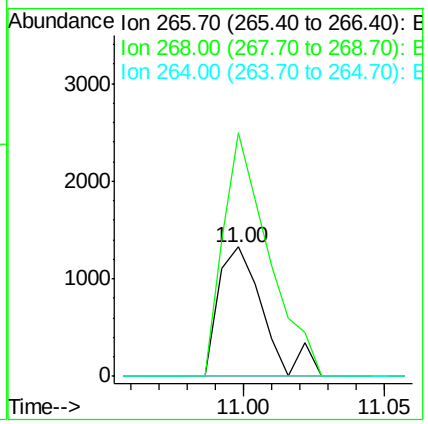


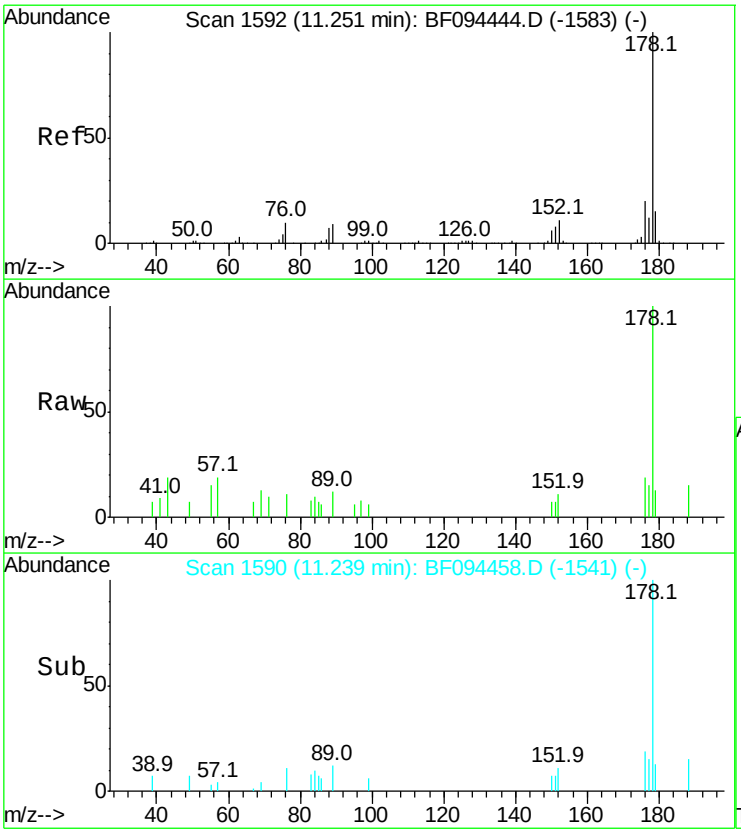

#69
Pentachlorophenol
Concen: 0.74 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:266 Resp: 1452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 188.1 | 51.1 | 76.7# |
| 264 | 0.0 | 51.7 | 77.5# |

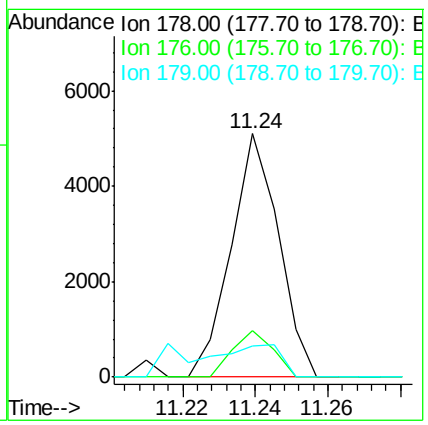


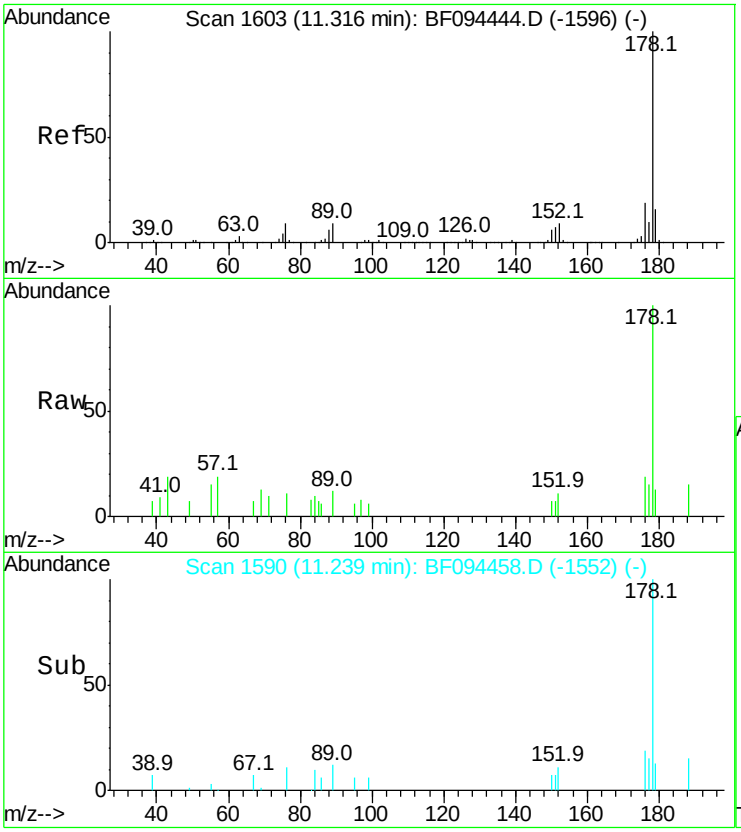




#70
Phenanthrene
Concen: 0.17 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:178 Resp: 4650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 16.2 | 24.4 |
| 179 | 13.0 | 12.6 | 19.0 |



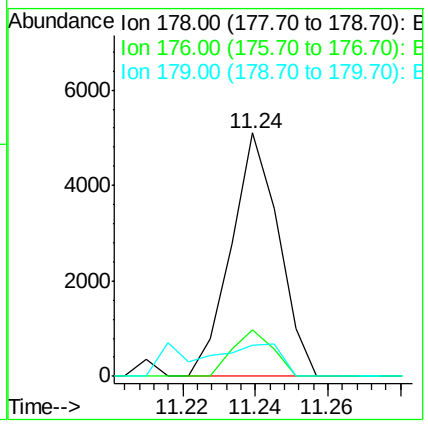


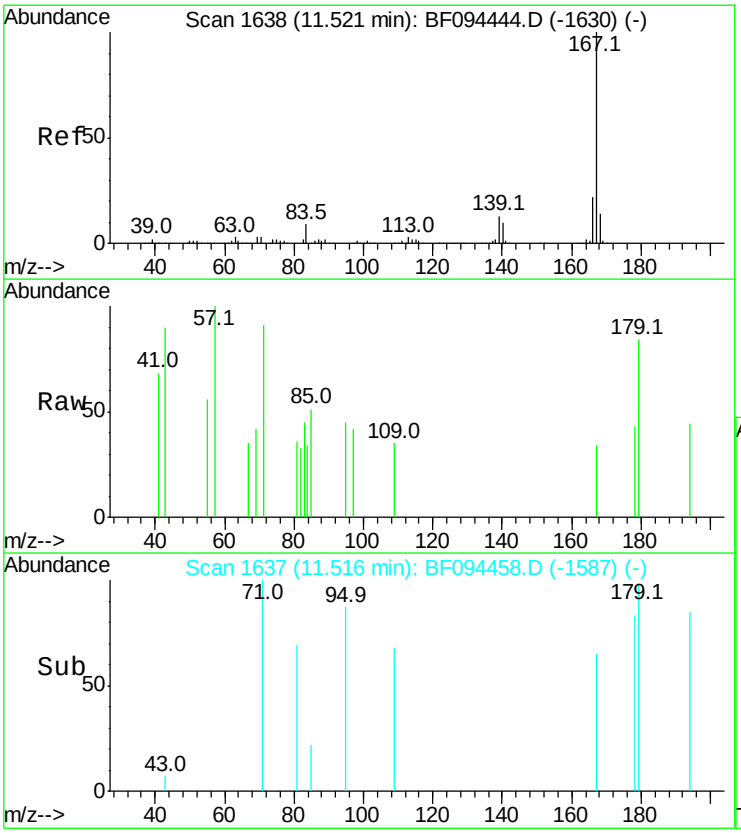

#71
Anthracene
Concen: 0.16 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.08 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:178 Resp: 4650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.8 | 23.8 |
| 179 | 13.0 | 12.7 | 19.1 |

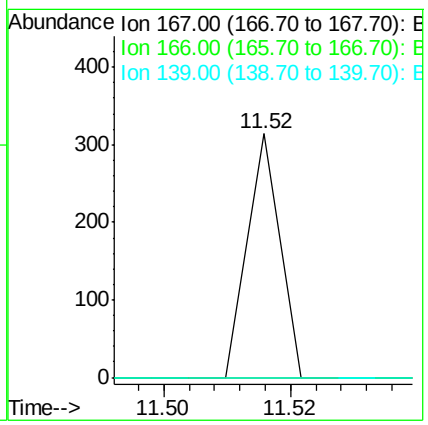


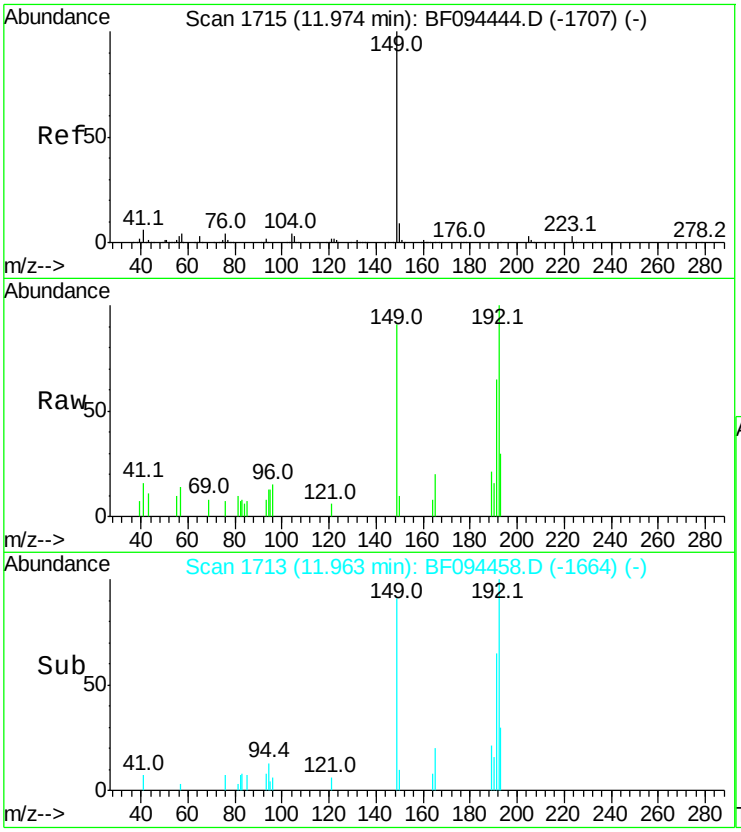




#72
Carbazole
Concen: 0.00 ng
RT: 11.52 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:167 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 18.1 | 27.1# |
| 139 | 0.0 | 11.7 | 17.5# |



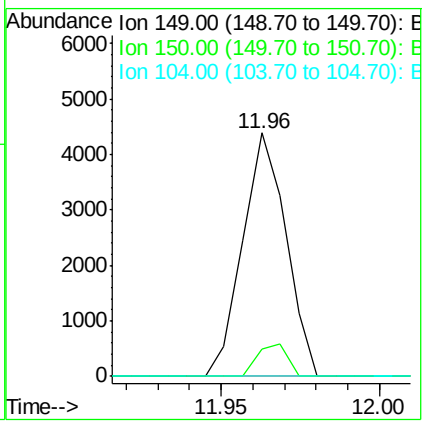


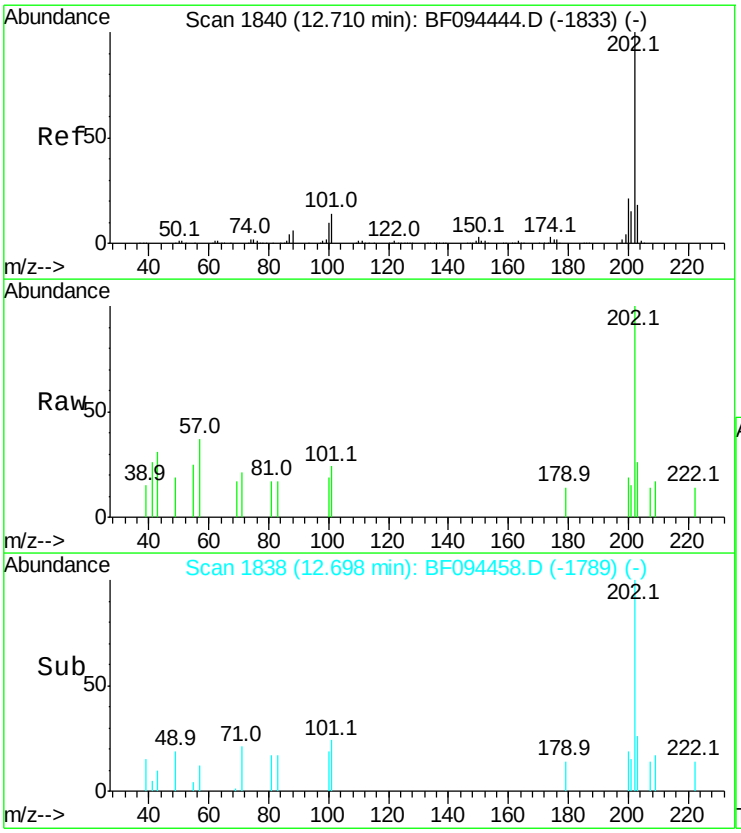

#73
Di-n-butylphthalate
Concen: 0.14 ng
RT: 11.96 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:149 Resp: 4148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 11.3 | 7.7 | 11.5 |
| 104 | 0.0 | 4.0 | 6.0# |

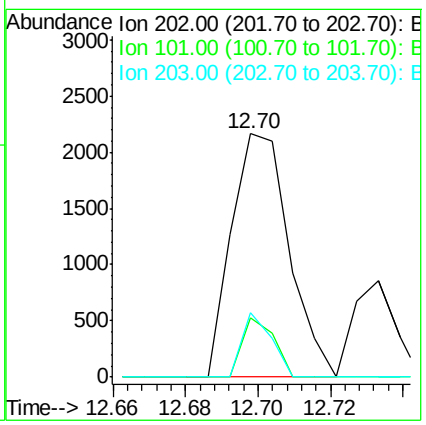


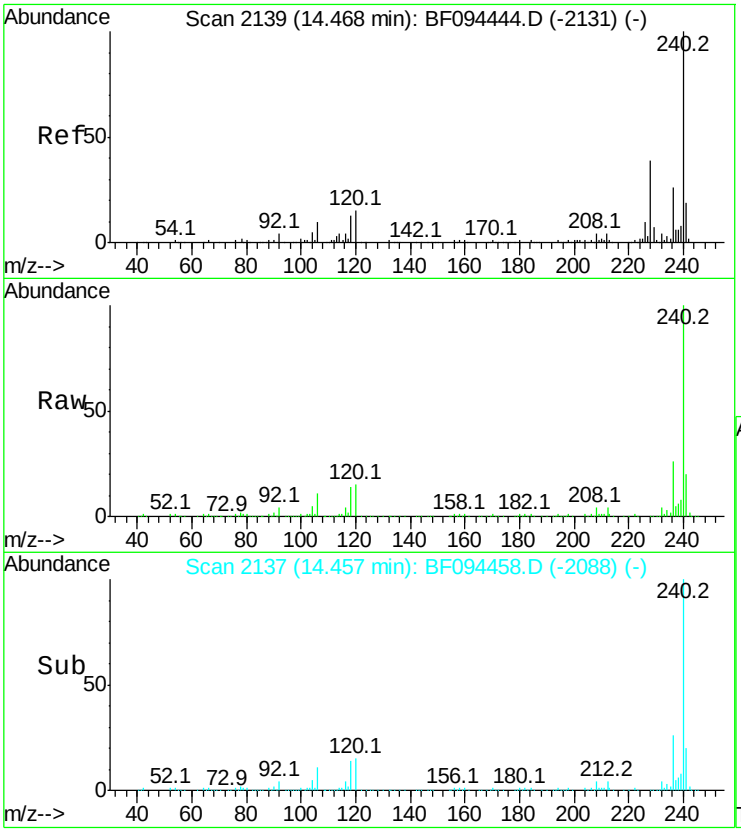




#74
Fluoranthene
Concen: 0.08 ng
RT: 12.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:202 Resp: 2398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 24.1 | 0.0 | 33.2 |
| 203 | 26.2 | 0.0 | 38.1 |



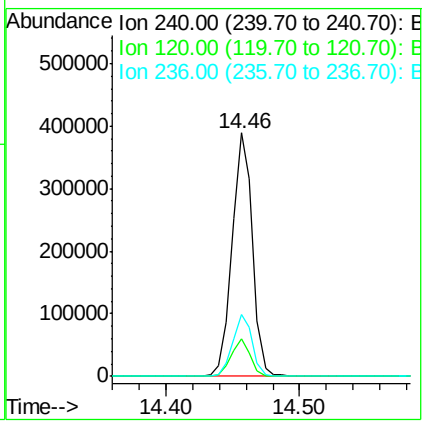


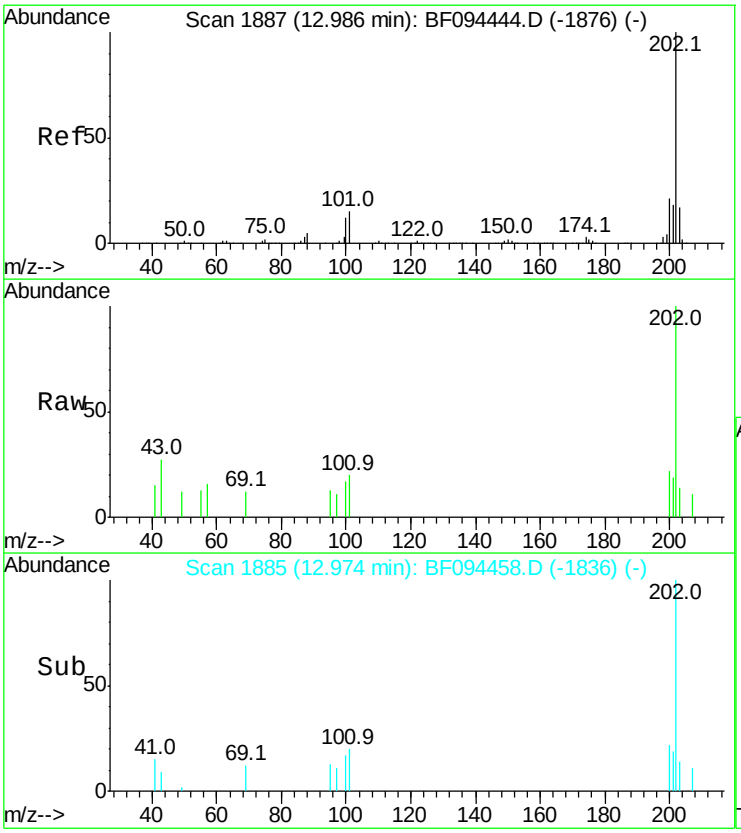

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:240 Resp: 414750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.4 | 5.8 | 8.8# |
| 236 | 25.7 | 20.5 | 30.7 |

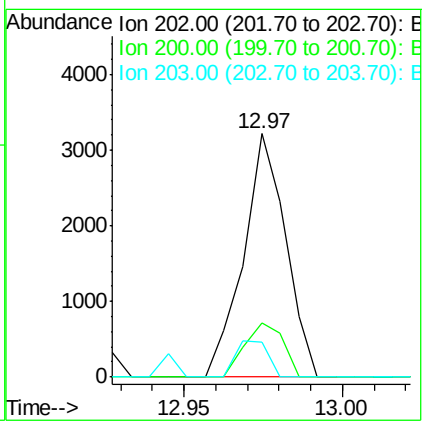


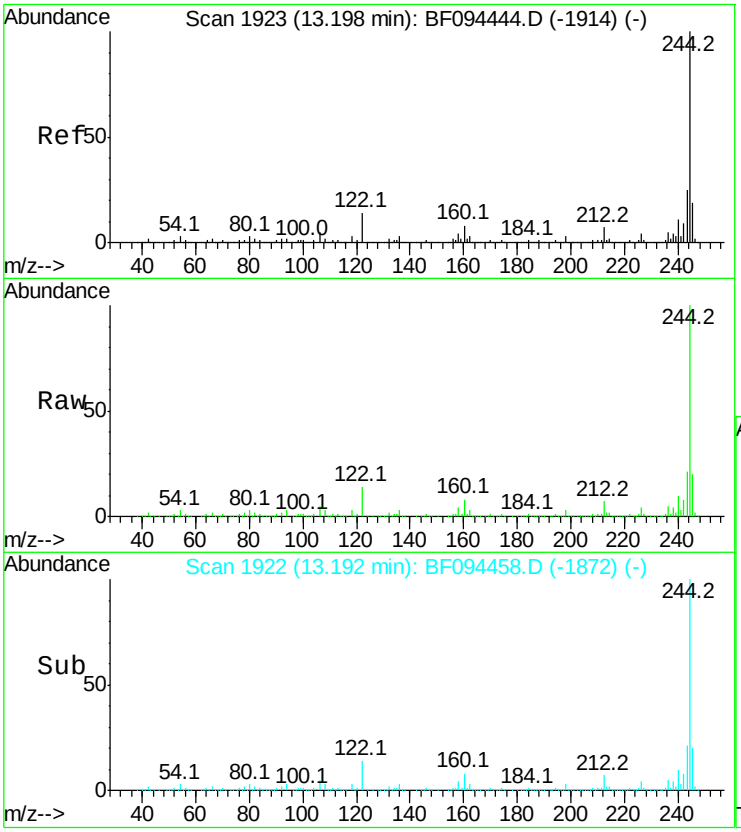




#77
Pyrene
Concen: 0.10 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:202 Resp: 2972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.6 | 26.4 |
| 203 | 14.2 | 14.4 | 21.6# |



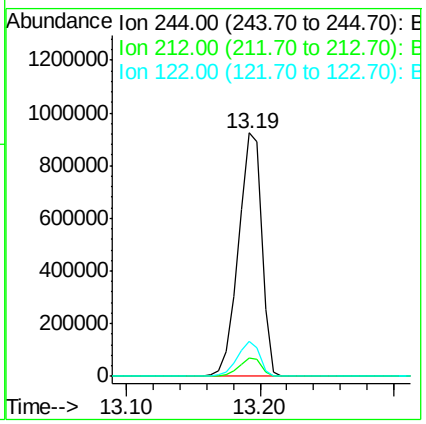


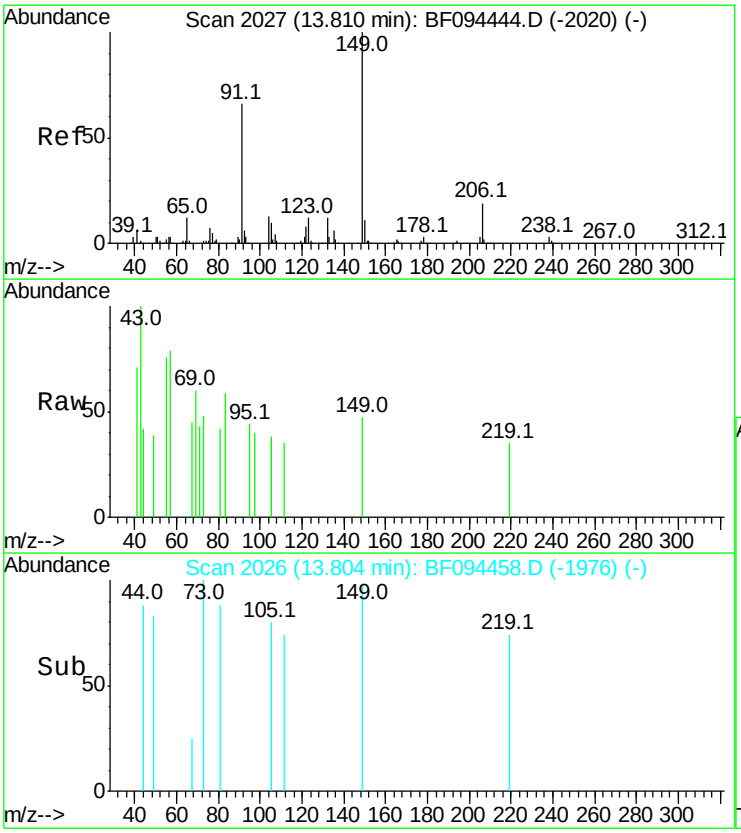

#78
Terphenyl-d14
Concen: 71.72 ng
RT: 13.19 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 1112916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 14.3 | 10.3 | 15.5 |

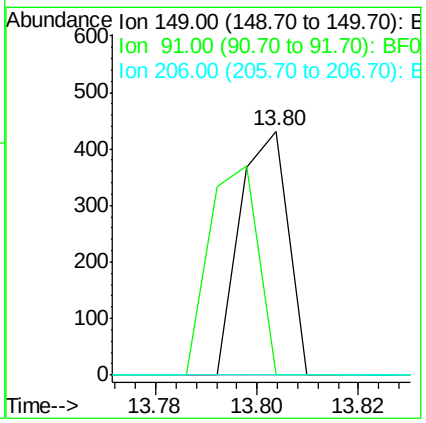


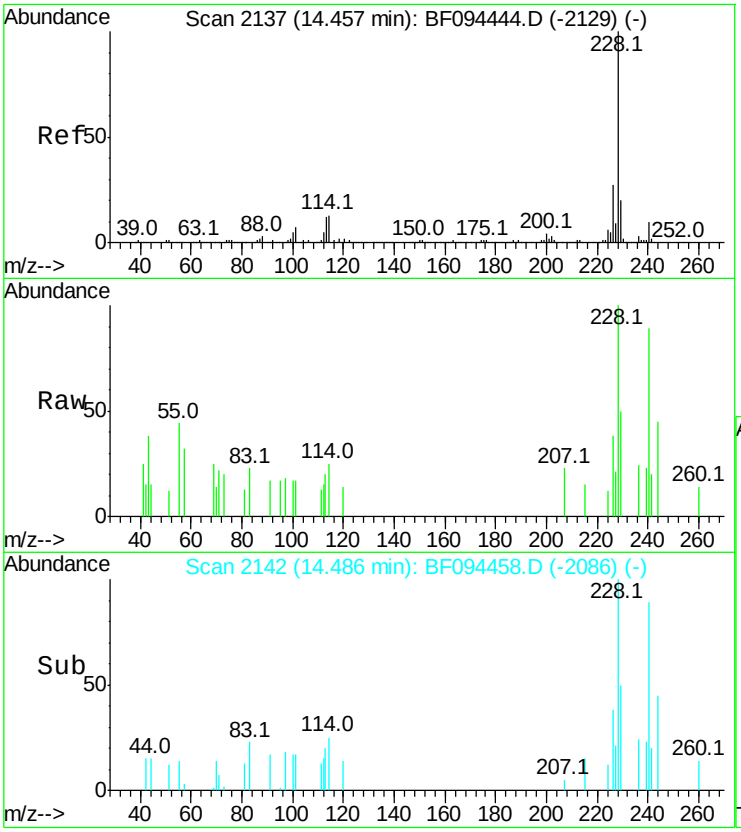




#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.80 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:149 Resp: 282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 45.0 | 67.4# |
| 206 | 0.0 | 17.0 | 25.6# |



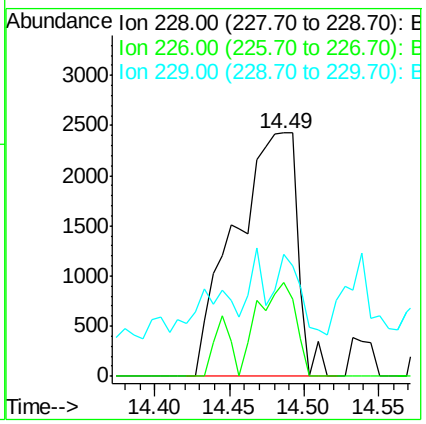


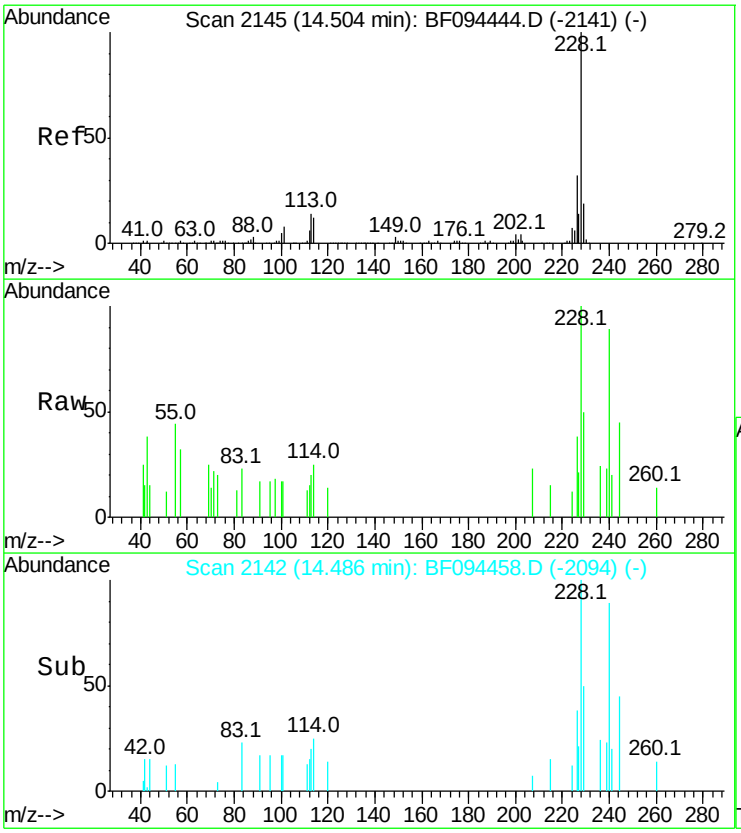

#80
Benzo(a)anthracene
Concen: 0.29 ng
RT: 14.49 min Scan# 2142
Delta R.T. 0.03 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:228 Resp: 7105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.3 | 22.6 | 33.8# |
| 229 | 50.1 | 16.3 | 24.5# |

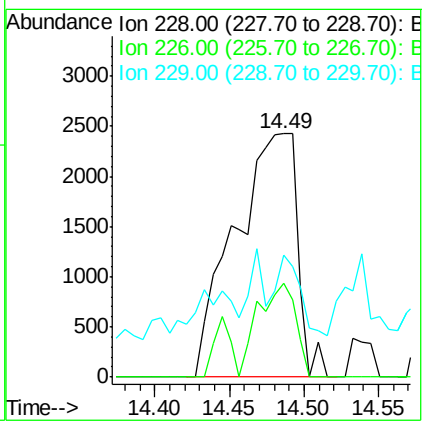


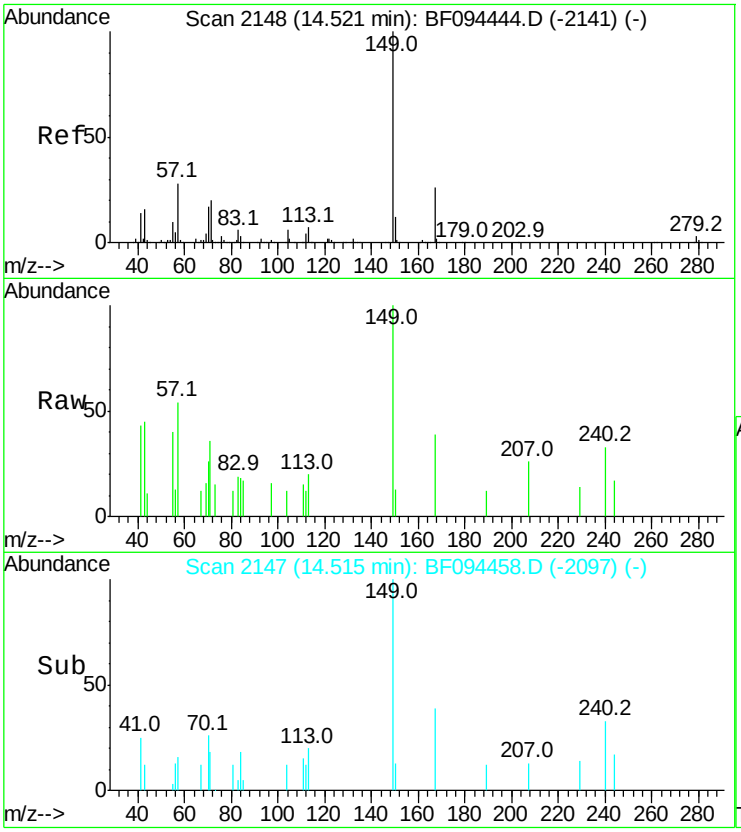




#82
Chrysene
Concen: 0.32 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:228 Resp: 7105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.3 | 24.9 | 37.3# |
| 229 | 50.1 | 15.8 | 23.6# |



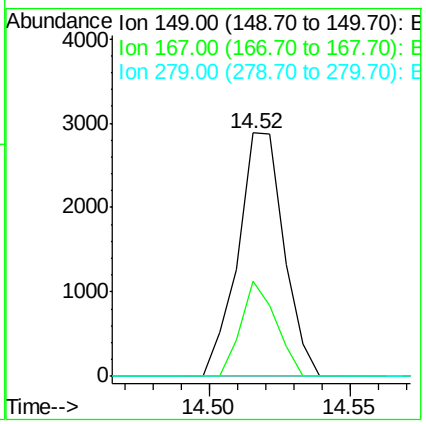


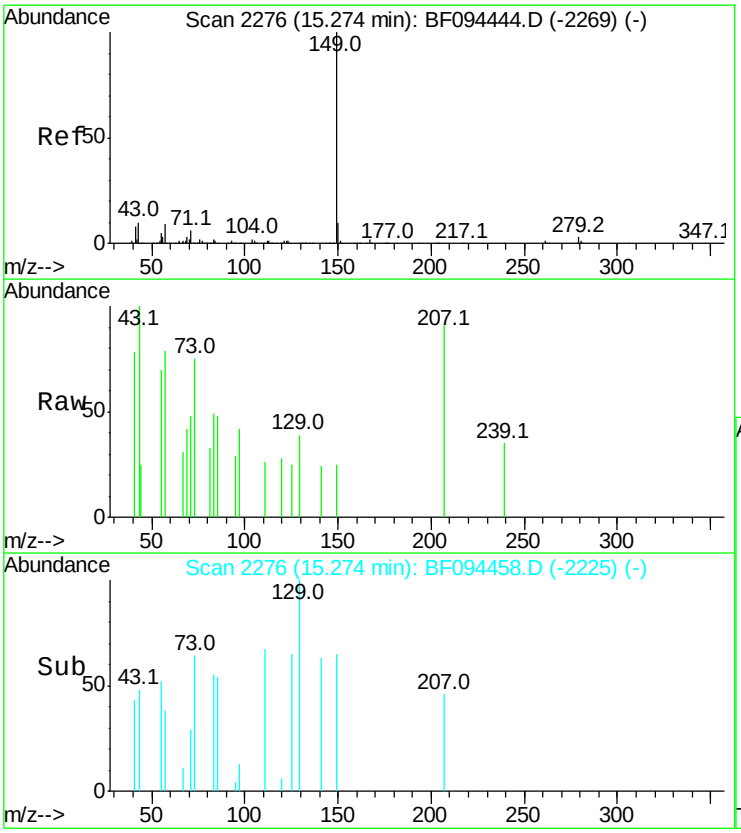

#83
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 14.52 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:149 Resp: 3265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 39.1 | 21.0 | 31.4# |
| 279 | 0.0 | 1.9 | 2.9# |

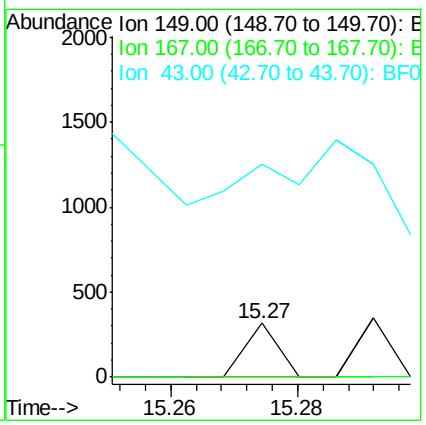


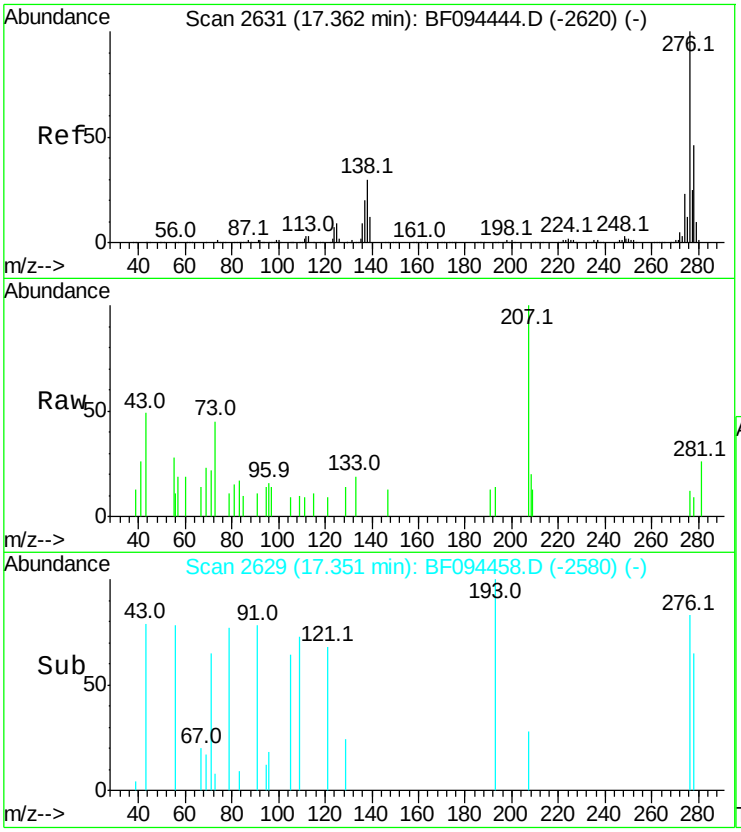




#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 15.27 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:149 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.2 | 1.8# |
| 43 | 0.0 | 8.5 | 12.7# |



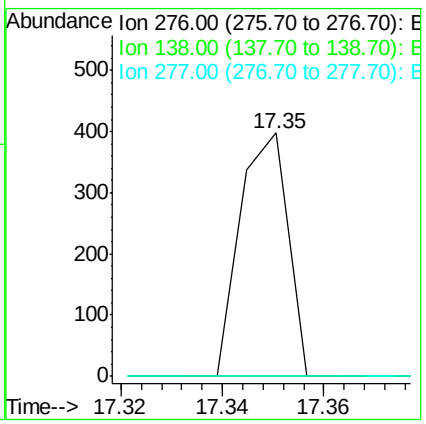


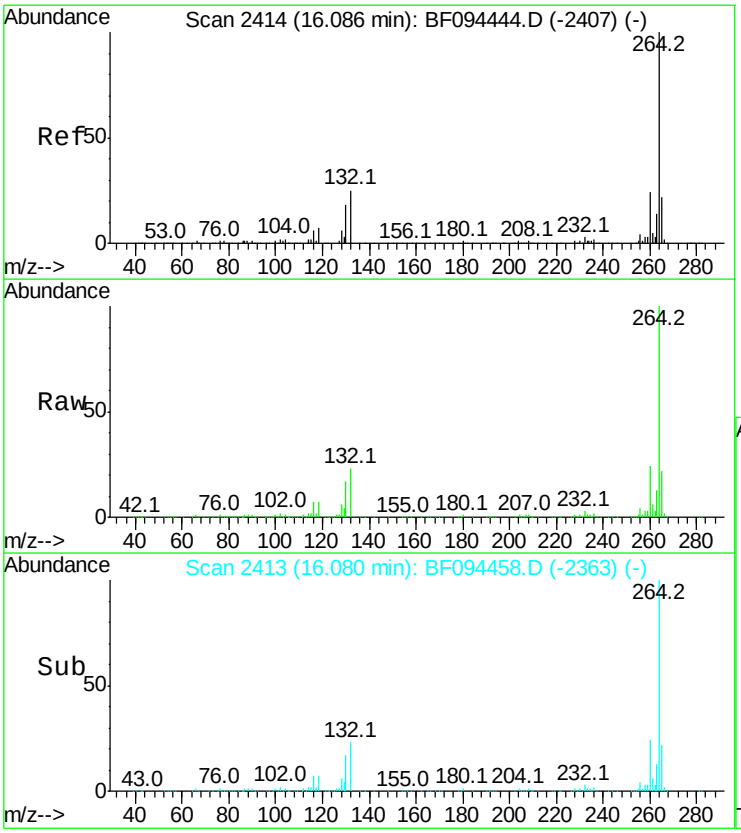

#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 17.35 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:276 Resp: 260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 27.8 | 41.6# |
| 277 | 0.0 | 20.2 | 30.4# |

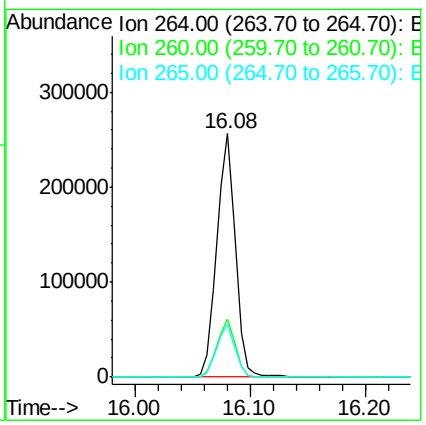


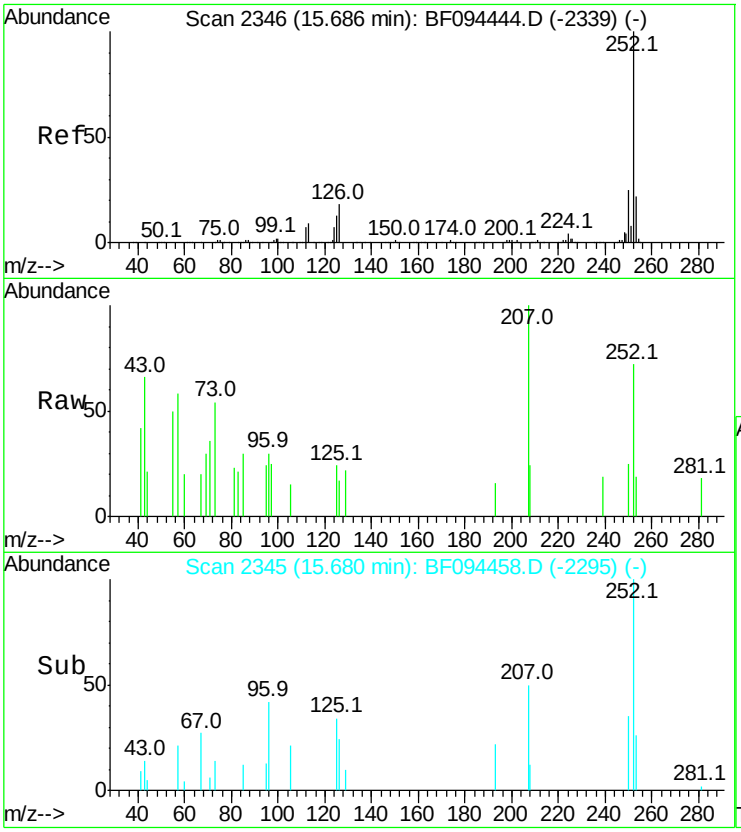




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:264 Resp: 286413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.5 | 29.3 |
| 265 | 21.6 | 17.2 | 25.8 |



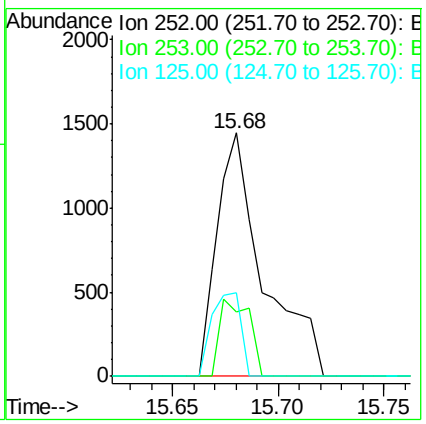


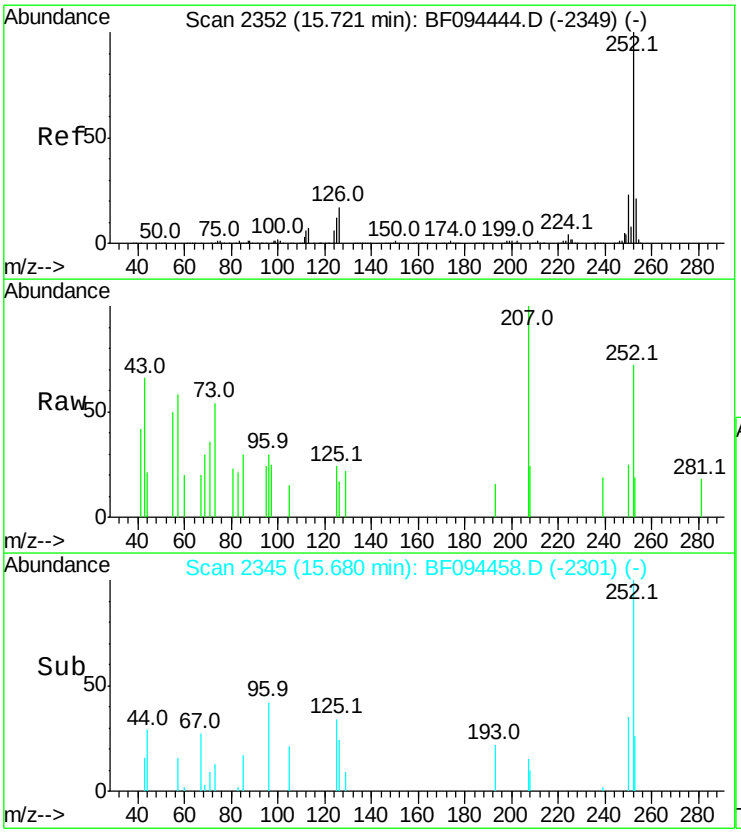

#87
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:252 Resp: 2212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.4 | 18.1 | 27.1 |
| 125 | 34.2 | 9.8 | 14.8# |

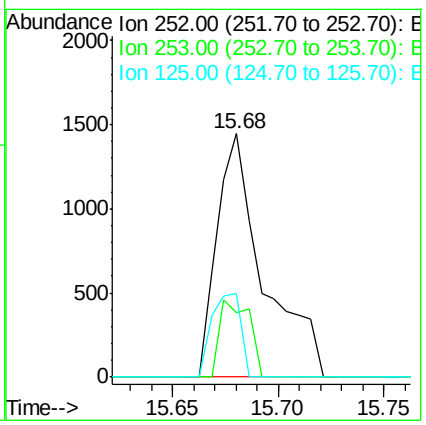


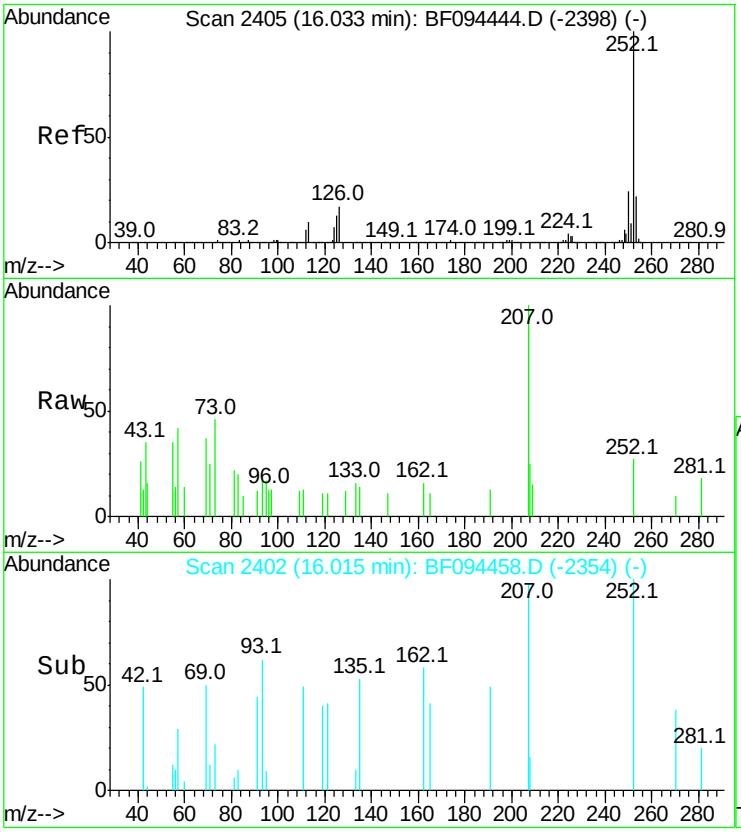




#88
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.04 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:252 Resp: 2212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.4 | 18.4 | 27.6 |
| 125 | 34.2 | 13.1 | 19.7# |



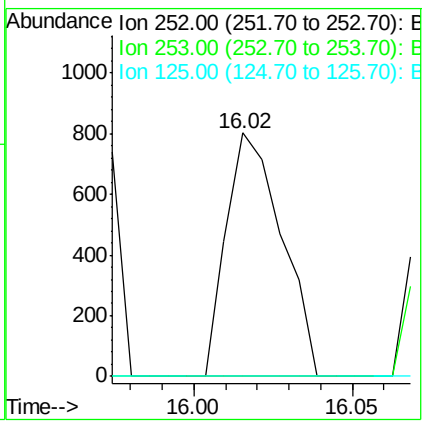


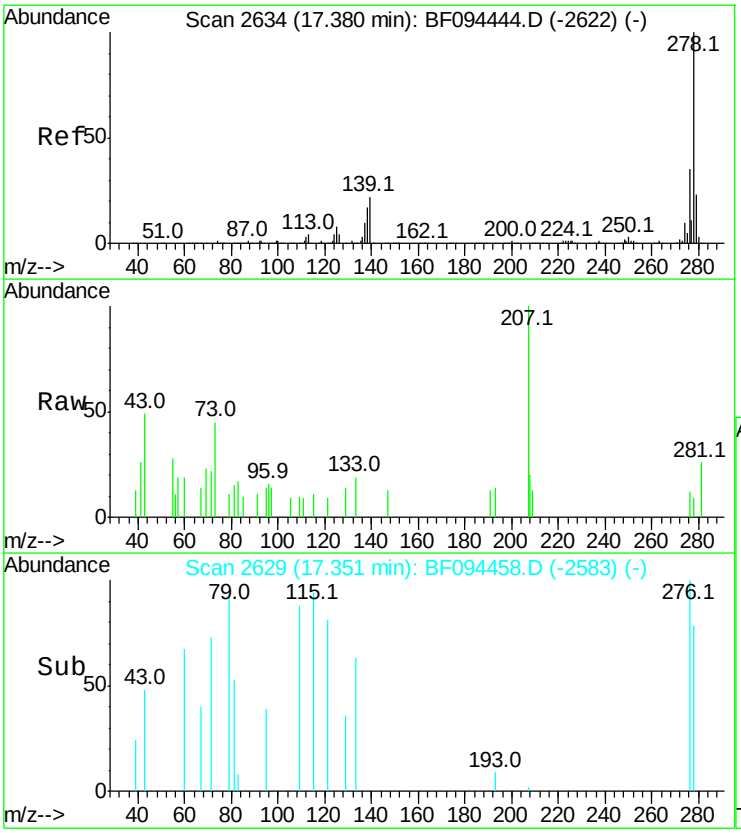

#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 16.02 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:252 Resp: 971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 17.5 | 26.3# |
| 125 | 0.0 | 11.0 | 16.4# |

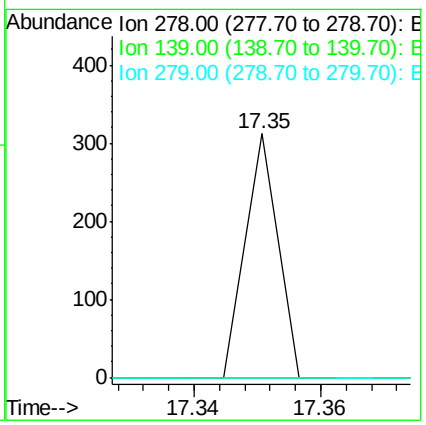


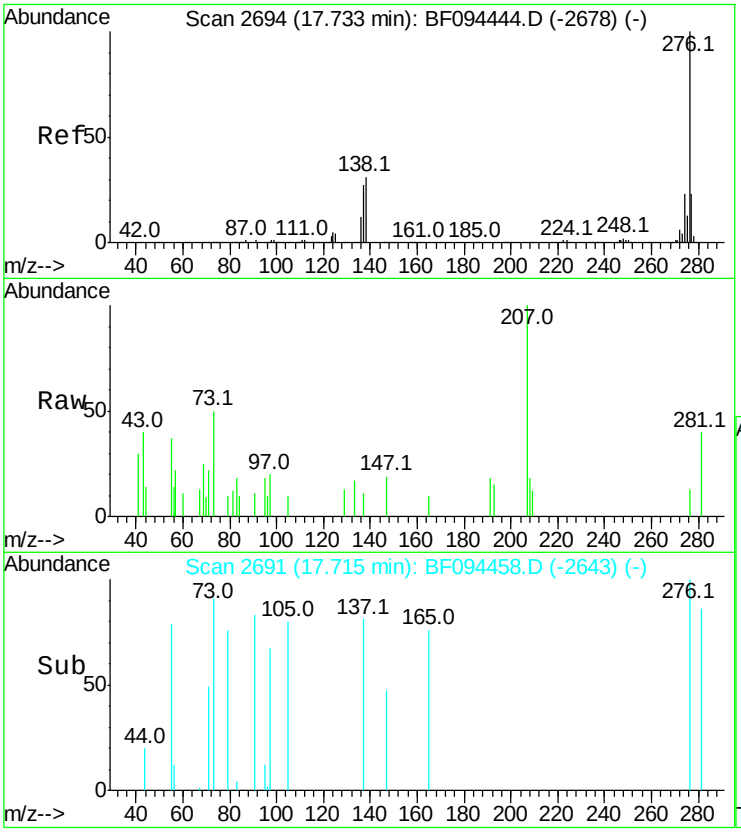




#90
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 17.35 min Scan# 2629
Delta R.T. -0.03 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:278 Resp: 110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 16.6 | 24.8# |
| 279 | 0.0 | 19.3 | 28.9# |






#91
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.02 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:276 Resp: 274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 0.0 | 18.6 | 28.0# |
| 138 | 0.0 | 25.4 | 38.0# |