Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099048.D
Acq On : 3 Oct 2017 23:35
Operator : SJ/JU
Sample : I5601-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 04 00:42:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 119032 | 20.00 | ng | | -0.05 |
| 21) Naphthalene-d8 | 8.16 | 136 | 469649 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 9.91 | 164 | 178228 | 20.00 | ng | | -0.05 |
| 63) Phenanthrene-d10 | 11.40 | 188 | 246176 | 20.00 | ng | | -0.05 |
| 75) Chrysene-d12 | 14.04 | 240 | 216051 | 20.00 | ng | | -0.05 |
| 86) Perylene-d12 | 15.51 | 264 | 232155 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 899278 | 120.27 | ng | | -0.04 |
| 7) Phenol-d6 | 6.51 | 99 | 1081984 | 117.30 | ng | | -0.04 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 634332 | 86.62 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 153435 | 105.21 | ng | | -0.05 |
| 44) 2-Fluorobiphenyl | 9.23 | 172 | 1032334 | 96.70 | ng | | -0.05 |
| 78) Terphenyl-d14 | 12.98 | 244 | 658372 | 69.30 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.69 | 88 | 114805 | 32.14 | ng | | 98 |
| 3) Pyridine | 3.46 | 79 | 304829 | 31.55 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.41 | 42 | 151483 | 36.97 | ng | | 86 |
| 6) Aniline | 6.54 | 93 | 405230 | 32.55 | ng | | 98 |
| 8) 2-Chlorophenol | 6.66 | 128 | 333731 | 39.41 | ng | | 95 |
| 9) Benzaldehyde | 6.43 | 77 | 161520 | 30.19 | ng | | 96 |
| 10) Phenol | 6.52 | 94 | 441730 | 42.82 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.61 | 93 | 319956 | 39.90 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.82 | 146 | 346725 | 39.10 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.89 | 146 | 349557 | 38.74 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.05 | 146 | 331085 | 39.71 | ng | | 100 |
| 15) Benzyl Alcohol | 7.02 | 79 | 275563 | 40.72 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45 | 478565 | 38.30 | ng | | 97 |
| 17) 2-Methylphenol | 7.13 | 107 | 273375 | 39.46 | ng | | 97 |
| 18) Hexachloroethane | 7.39 | 117 | 118330 | 36.49 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 216307 | 36.73 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 332102 | 37.89 | ng | | 92 |
| 22) Acetophenone | 7.29 | 105 | 439724 | 38.64 | ng | # | 96 |
| 24) Nitrobenzene | 7.46 | 77 | 327596 | 39.43 | ng | | 100 |
| 25) Isophorone | 7.70 | 82 | 596161 | 39.37 | ng | | 98 |
| 26) 2-Nitrophenol | 7.77 | 139 | 175224 | 43.86 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 299022 | 39.64 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93 | 388607 | 41.18 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.02 | 162 | 258643 | 39.93 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.10 | 180 | 260853 | 40.27 | ng | | 98 |
| 31) Naphthalene | 8.18 | 128 | 880206 | 39.90 | ng | | 100 |
| 32) Benzoic acid | 7.90 | 122 | 71919 | 11.61 | ng | | 96 |
| 33) 4-Chloroaniline | 8.23 | 127 | 216643 | 23.52 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.29 | 225 | 131752 | 39.48 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 259110 | 35.59 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 589941 | 41.14 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 224421 | 42.22 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.02 | 237 | 85141 | 35.05 | ng | | 98 |
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 155392 | 41.27 | ng | | 98 |

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Sample : I5601-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 04 00:42:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 9.19 | 196 | 156857 | 41.73 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.33 | 154 | 661198 | 43.17 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.36 | 162 | 502114 | 43.66 | ng | | 98 |
| 47) 2-Nitroaniline | 9.45 | 65 | 147859 | 41.99 | ng | | 98 |
| 48) Acenaphthylene | 9.77 | 152 | 727859 | 41.34 | ng | | 99 |
| 49) Dimethylphthalate | 9.63 | 163 | 755074 | 56.13 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.70 | 165 | 123820 | 42.28 | ng | # | 84 |
| 51) Acenaphthene | 9.94 | 154 | 444580 | 39.86 | ng | | 99 |
| 52) 3-Nitroaniline | 9.86 | 138 | 102845 | 30.12 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 38695 | 29.36 | ng | | 98 |
| 54) Dibenzofuran | 10.12 | 168 | 632632 | 42.60 | ng | | 98 |
| 55) 4-Nitrophenol | 10.02 | 139 | 177617 | 61.52 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 10.10 | 165 | 150992 | 39.73 | ng | | 95 |
| 57) Fluorene | 10.46 | 166 | 458799 | 38.44 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 101253 | 38.99 | ng | | 98 |
| 59) Diethylphthalate | 10.33 | 149 | 536204 | 40.79 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204 | 214871 | 40.08 | ng | | 96 |
| 61) 4-Nitroaniline | 10.47 | 138 | 111366 | 33.81 | ng | | 91 |
| 62) Azobenzene | 10.61 | 77 | 469195 | 38.82 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 34854 | 23.27 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 10.57 | 169 | 413801 | 48.52 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.94 | 248 | 114053 | 47.33 | ng | | 97 |
| 67) Hexachlorobenzene | 11.01 | 284 | 106171 | 41.25 | ng | | 94 |
| 68) Atrazine | 11.09 | 200 | 119558 | 46.60 | ng | | 98 |
| 69) Pentachlorophenol | 11.20 | 266 | 104350 | 65.15 | ng | | 99 |
| 70) Phenanthrene | 11.42 | 178 | 566090 | 42.96 | ng | | 99 |
| 71) Anthracene | 11.47 | 178 | 581404 | 43.12 | ng | | 99 |
| 72) Carbazole | 11.63 | 167 | 531057 | 40.22 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.95 | 149 | 679317 | 42.75 | ng | | 99 |
| 74) Fluoranthene | 12.61 | 202 | 564810 | 42.33 | ng | | 99 |
| 76) Benzidine | 12.73 | 184 | 406080 | 50.82 | ng | | 96 |
| 77) Pyrene | 12.84 | 202 | 584362 | 35.47 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 281548 | 36.36 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.03 | 228 | 552405 | 42.22 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.99 | 252 | 192073 | 40.05 | ng | | 97 |
| 82) Chrysene | 14.06 | 228 | 528731 | 42.45 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 405643 | 38.05 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.62 | 149 | 745846 | 43.45 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 17.00 | 276 | 493839 | 49.57 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.08 | 252 | 558852 | 39.15 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 15.11 | 252 | 563207 | 39.95 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.45 | 252 | 547237 | 41.77 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 17.02 | 278 | 423211 | 40.36 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.45 | 276 | 385576 | 37.20 | ng | | 95 |

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

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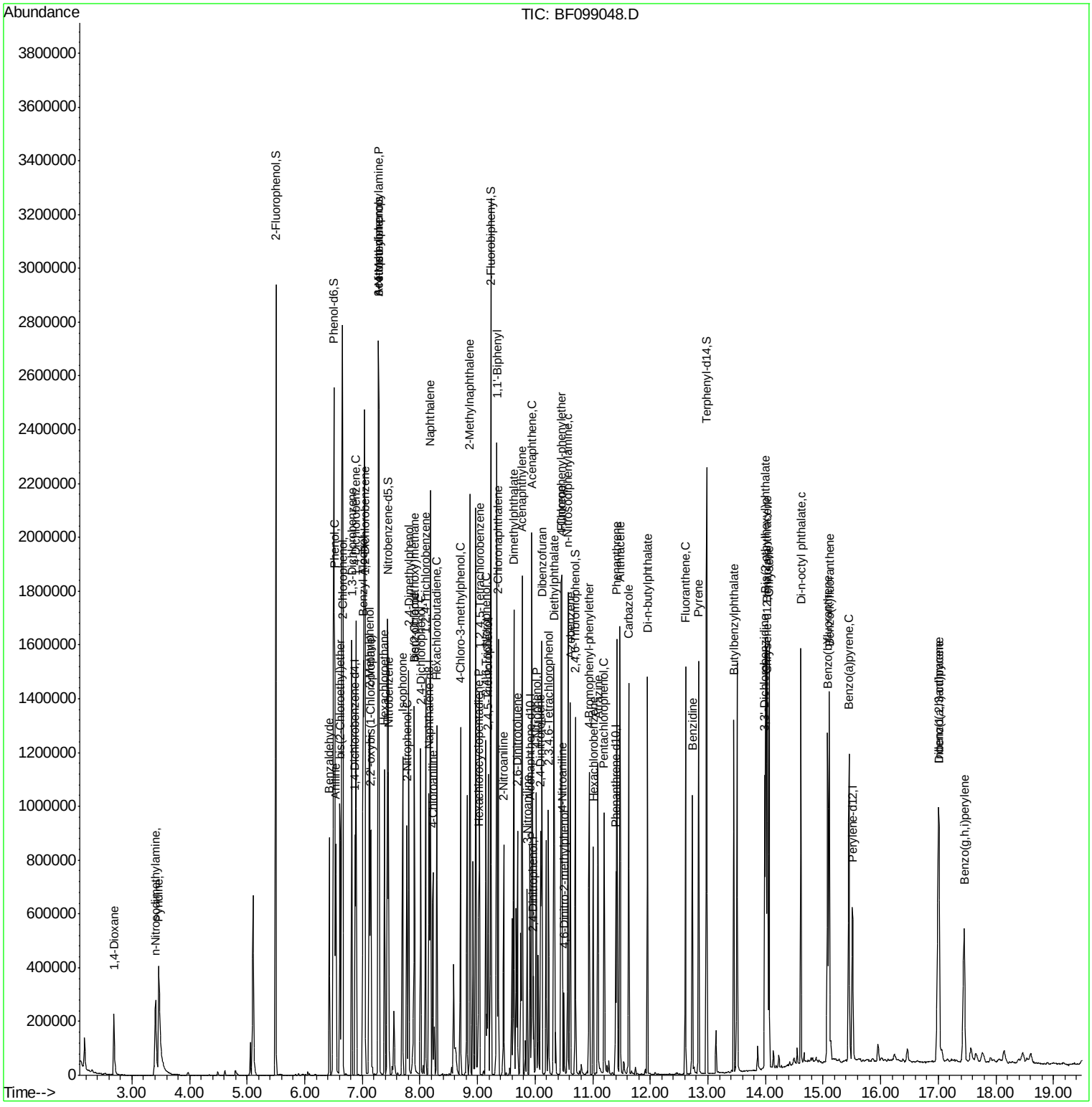
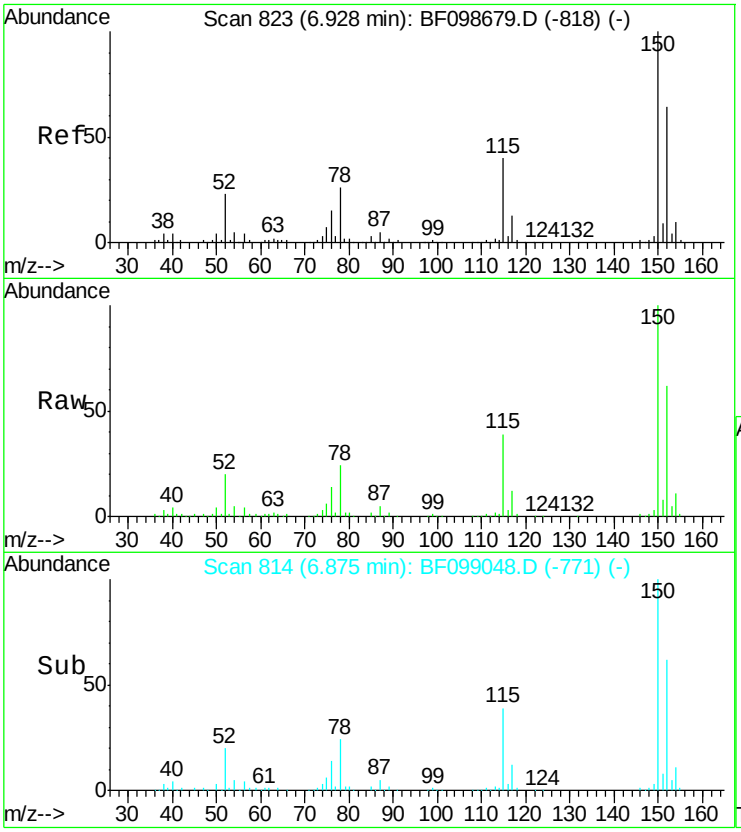
Acq On : 3 Oct 2017 23:35
Operator : SJ/JU
Sample : I5601-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 04 00:42:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



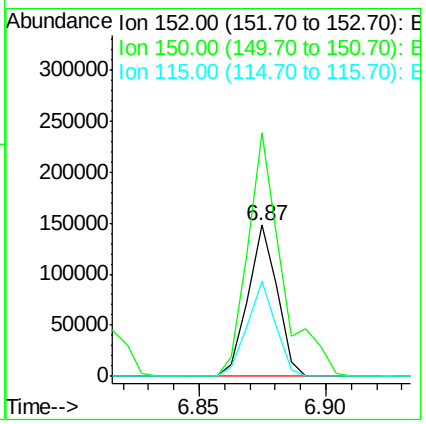


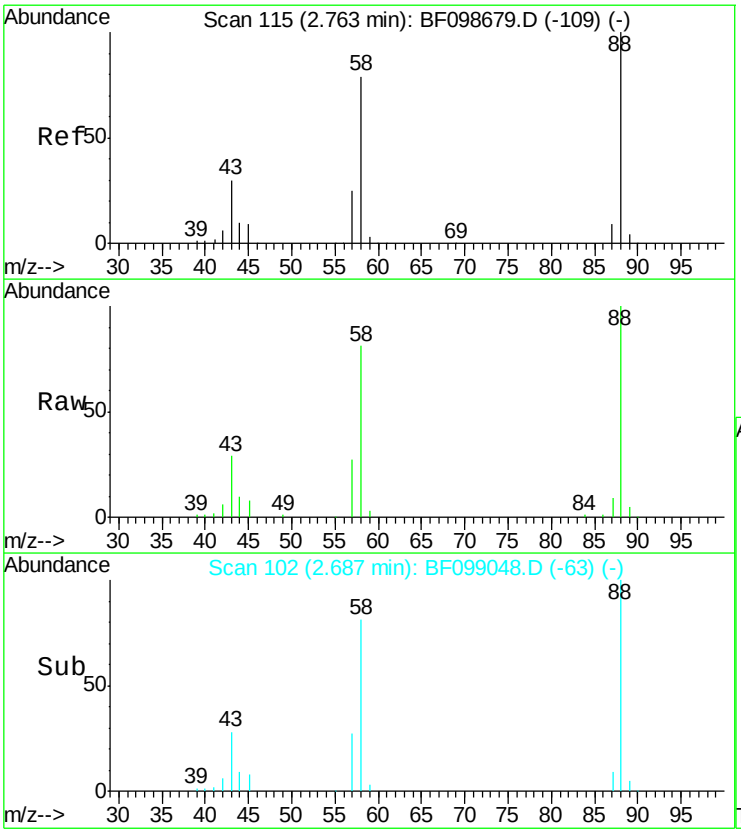

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:152 Resp: 119032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.1 | 124.6 | 186.8 |
| 115 | 63.4 | 50.1 | 75.1 |

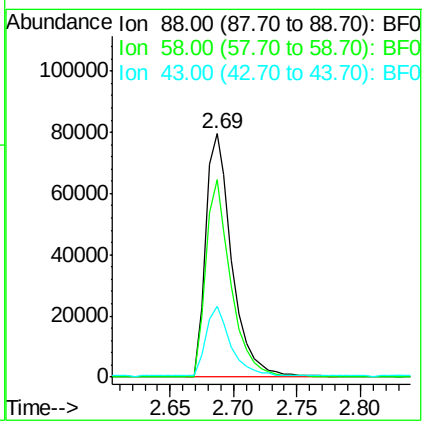


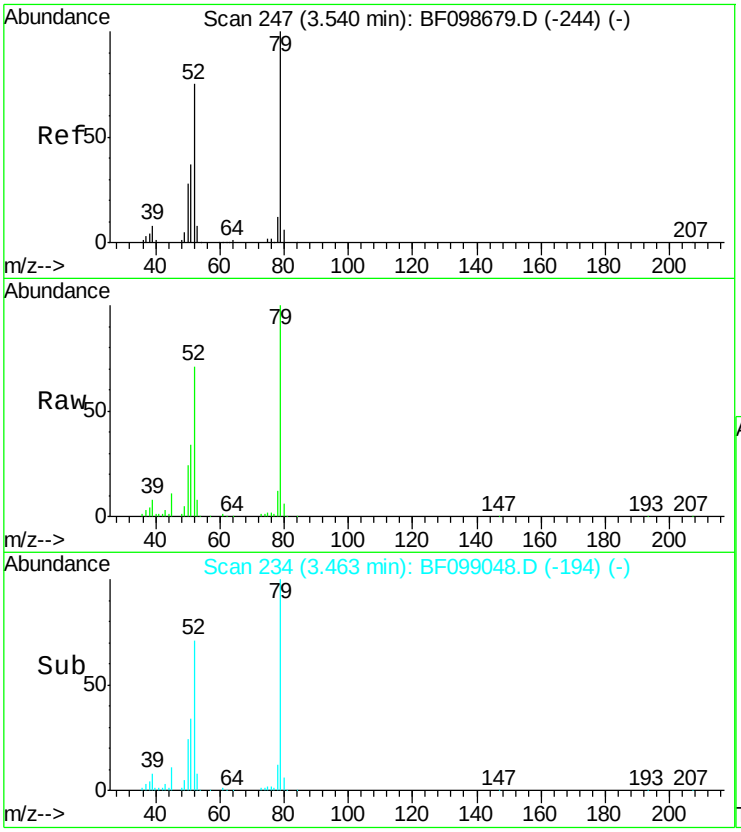




#2
1,4-Dioxane
Concen: 32.14 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.07 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 88 Resp: 114805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 77.9 | 62.6 | 93.8 |
| 43 | 26.9 | 24.6 | 37.0 |



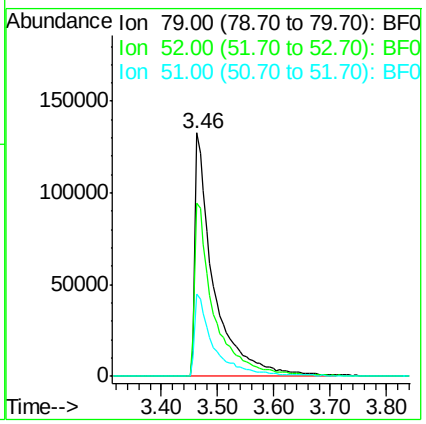


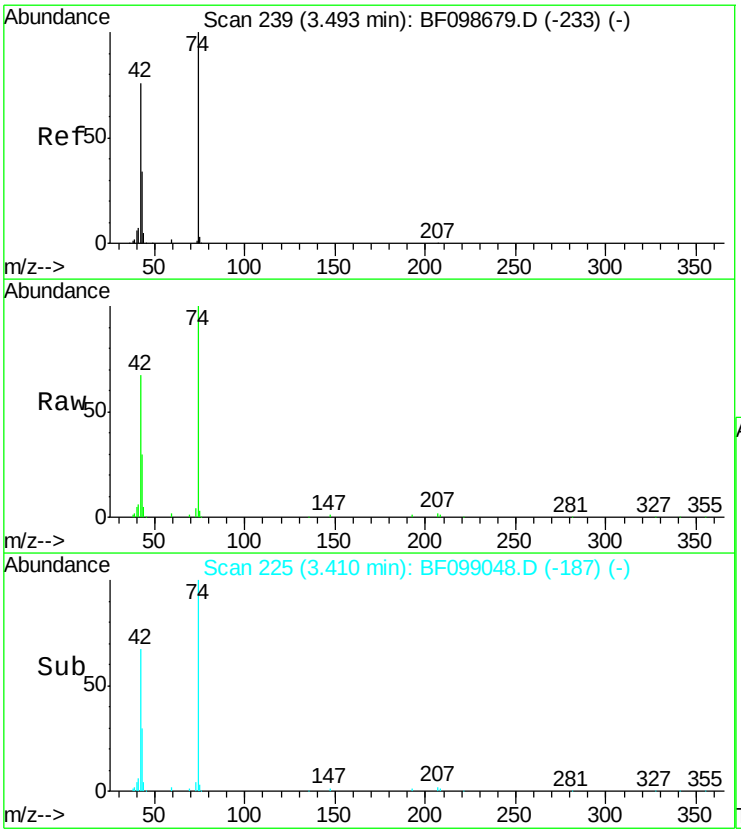

#3
Pyridine
Concen: 31.55 ng
RT: 3.46 min Scan# 234
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 79 Resp: 304829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 71.1 | 59.8 | 89.6 |
| 51 | 34.1 | 29.8 | 44.8 |

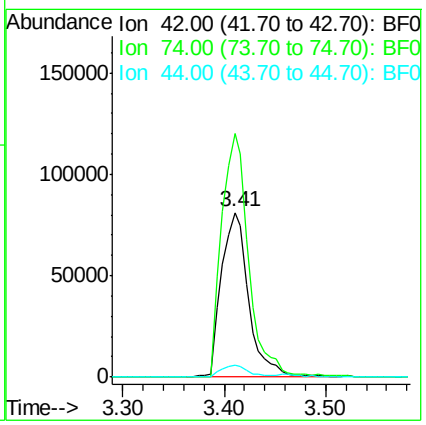


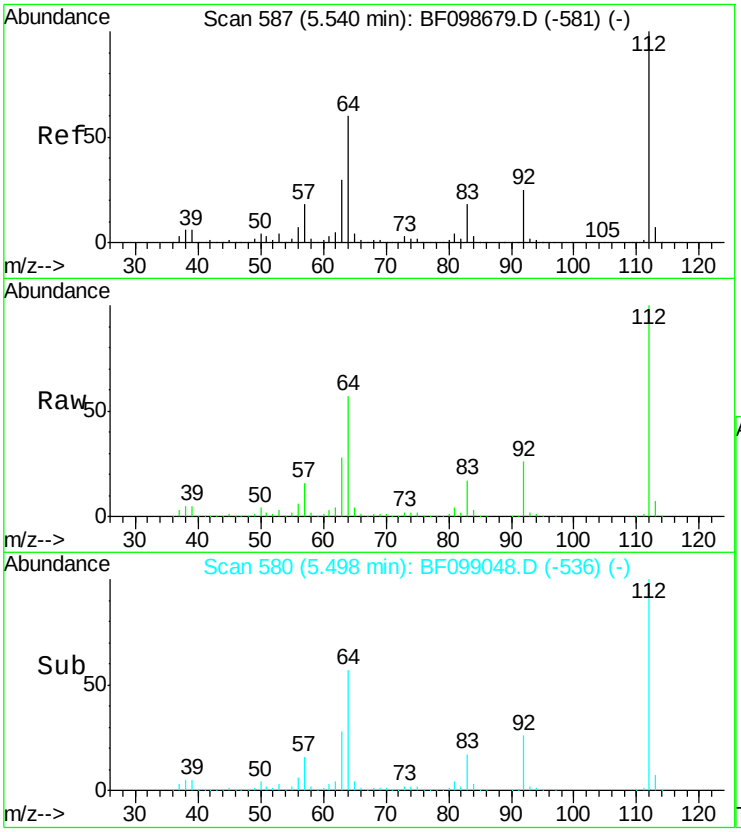




#4
n-Nitrosodimethylamine
Concen: 36.97 ng
RT: 3.41 min Scan# 225
Delta R.T. -0.08 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 42 Resp: 151483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 148.2 | 104.9 | 157.3 |
| 44 | 7.1 | 6.9 | 10.3 |



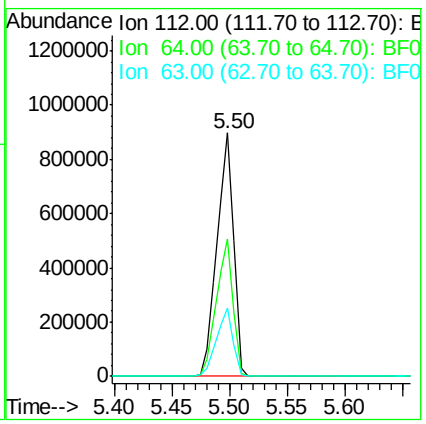


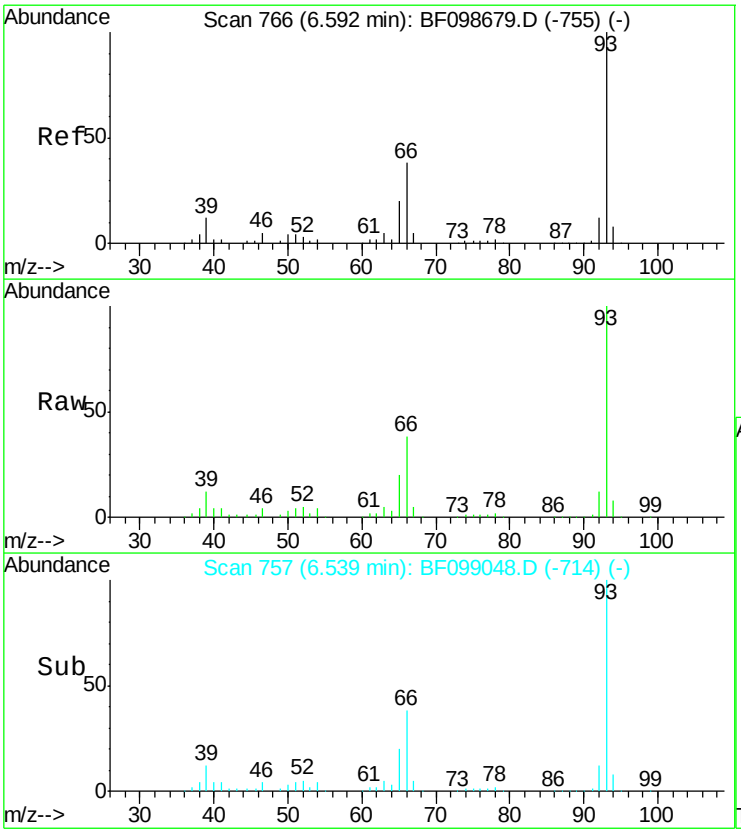

#5
2-Fluorophenol
Concen: 120.27 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:112 Resp: 899278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.5 | 47.9 | 71.9 |
| 63 | 27.9 | 23.7 | 35.5 |

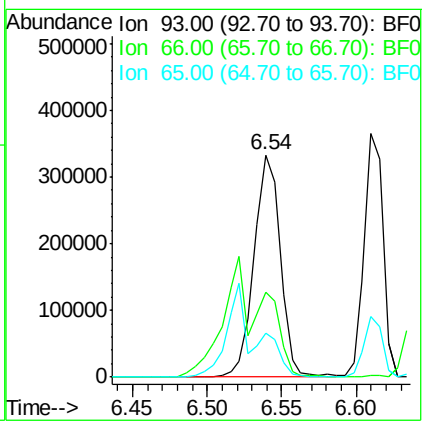


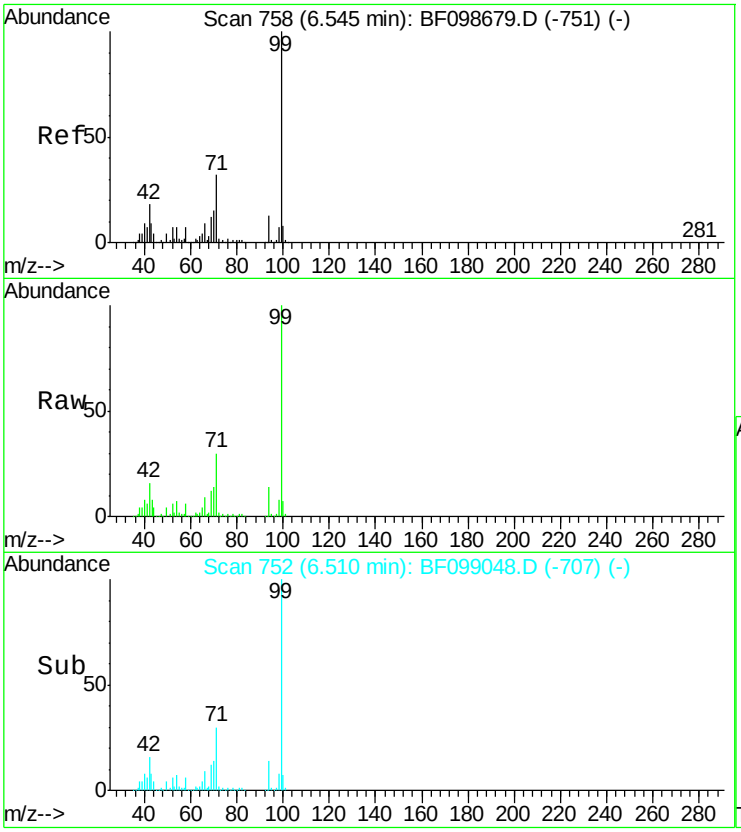




#6
Aniline
Concen: 32.55 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 93 Resp: 405230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.5 | 32.2 | 48.2 |
| 65 | 19.7 | 16.4 | 24.6 |



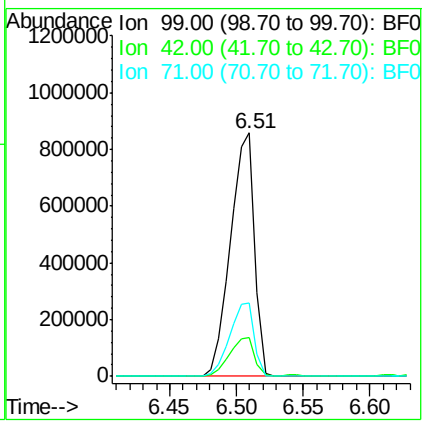


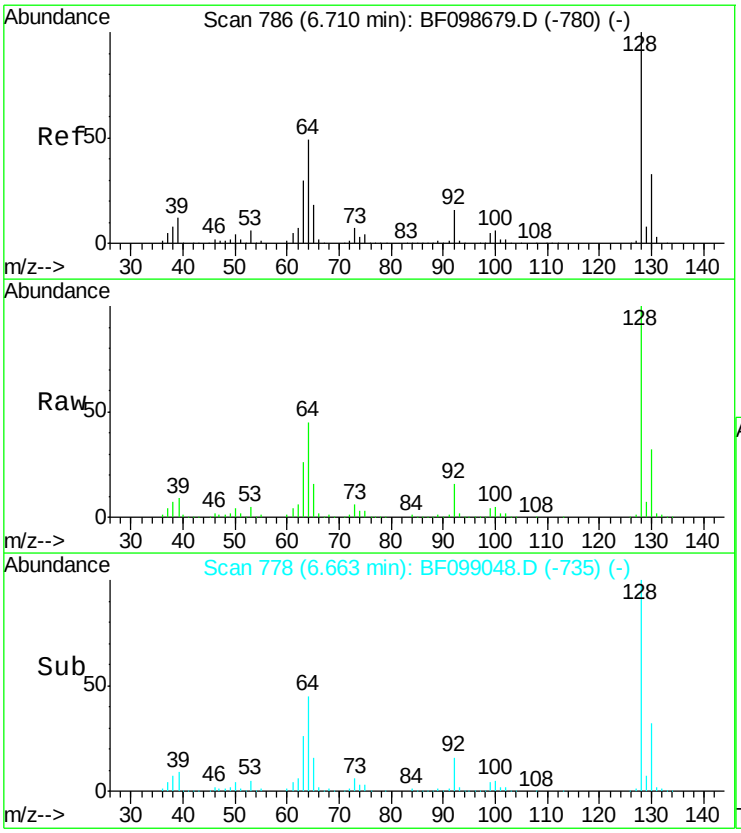

#7
Phenol-d6
Concen: 117.30 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 99 Resp: 1081984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.9 | 14.5 | 21.7 |
| 71 | 29.9 | 25.4 | 38.0 |

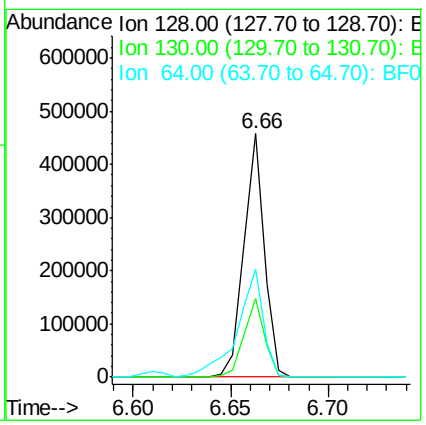


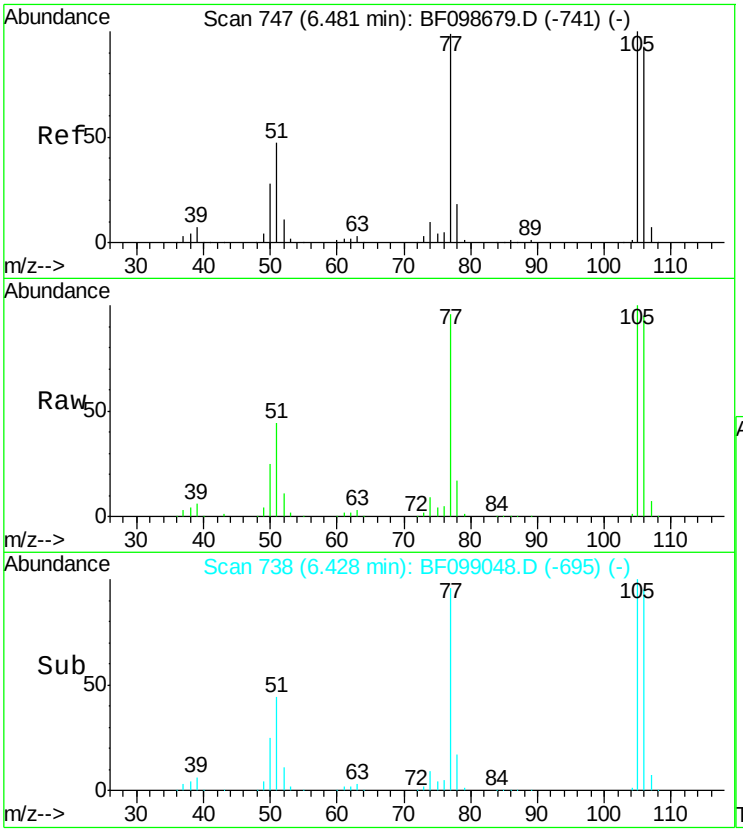




#8
2-Chlorophenol
Concen: 39.41 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:128 Resp: 333731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 13.0 | 53.0 |
| 64 | 44.6 | 29.4 | 69.4 |



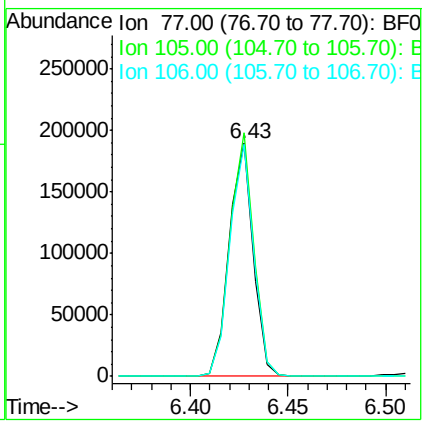


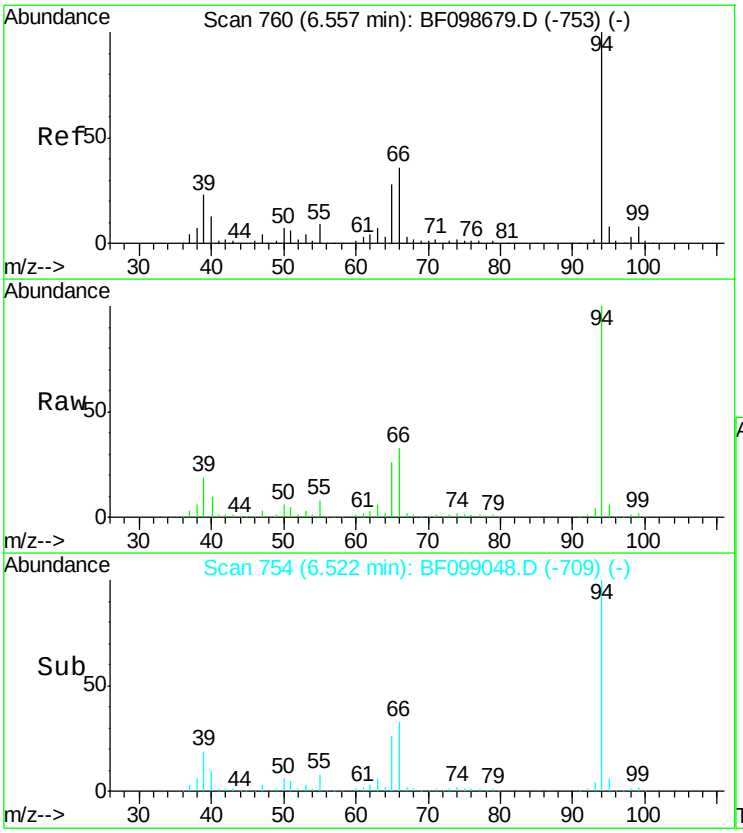

#9
Benzaldehyde
Concen: 30.19 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 77 Resp: 161520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.5 | 81.1 | 121.1 |
| 106 | 99.4 | 74.5 | 114.5 |

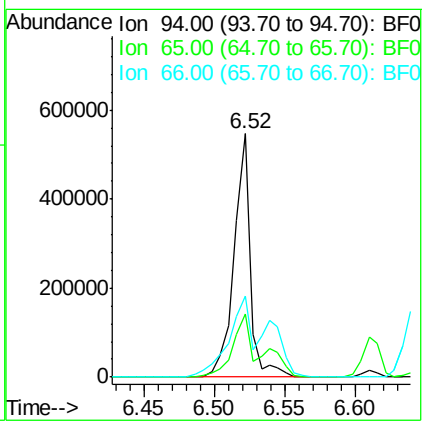


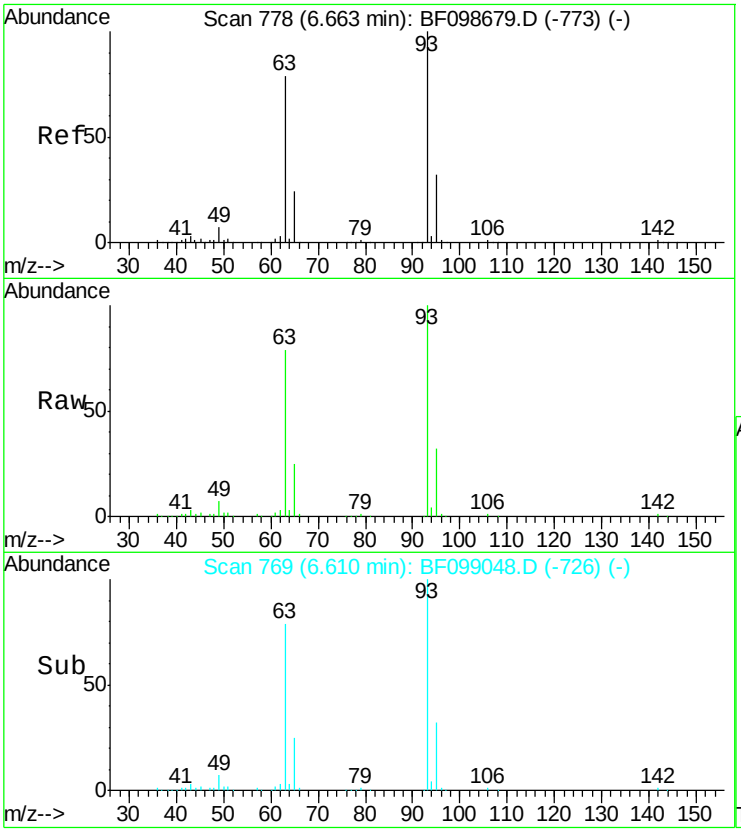




#10
Phenol
Concen: 42.82 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 94 Resp: 441730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.8 | 7.9 | 47.9 |
| 66 | 33.1 | 16.2 | 56.2 |



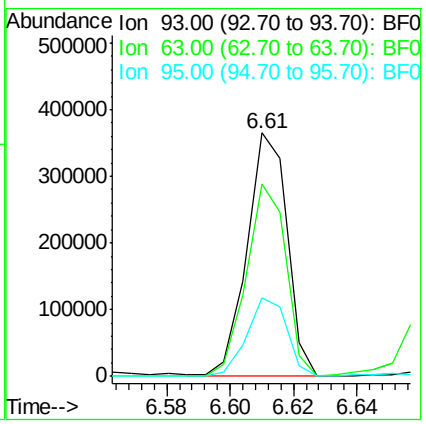


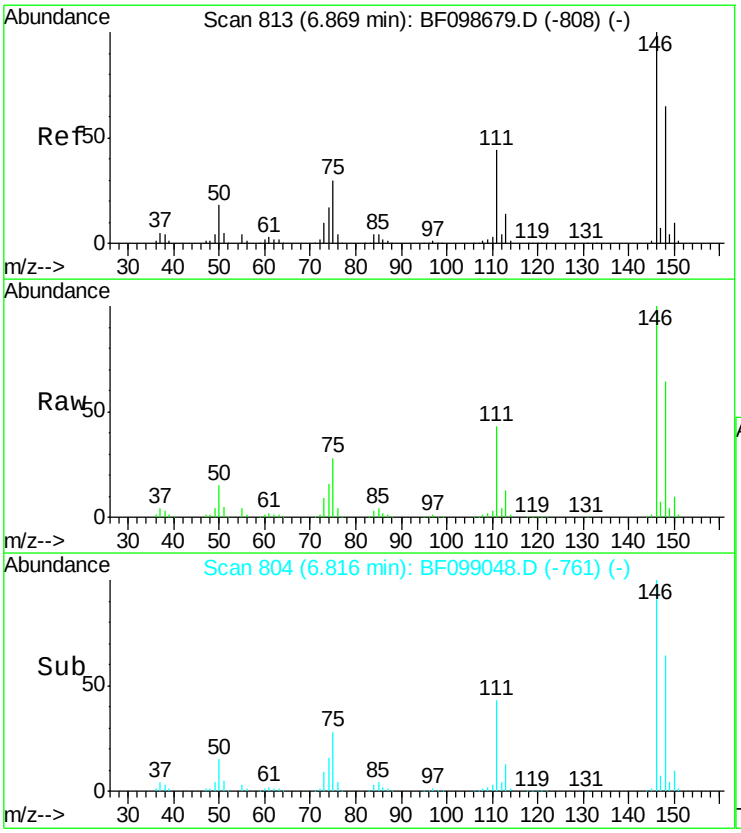

#11
bis(2-Chloroethyl)ether
Concen: 39.90 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 93 Resp: 319956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.1 | 58.6 | 98.6 |
| 95 | 32.3 | 11.8 | 51.8 |

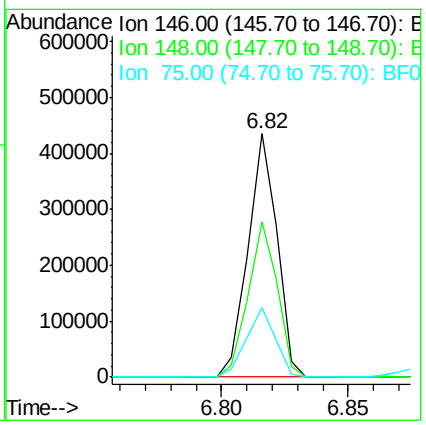


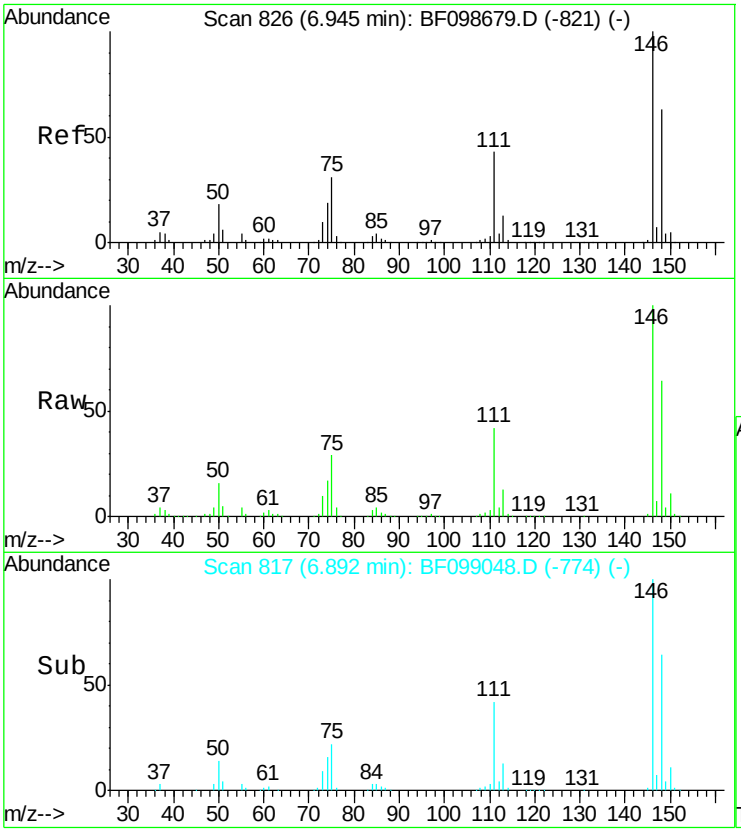




#12
1,3-Dichlorobenzene
Concen: 39.10 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:146 Resp: 346725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.8 | 77.8 |
| 75 | 28.4 | 24.2 | 36.4 |



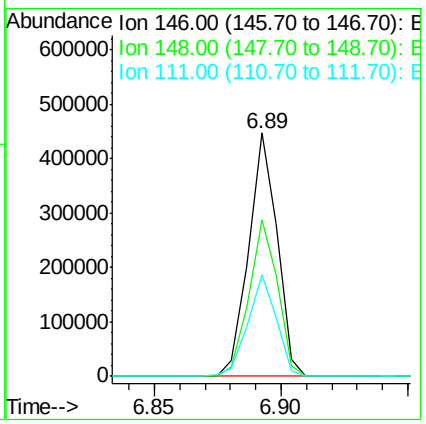


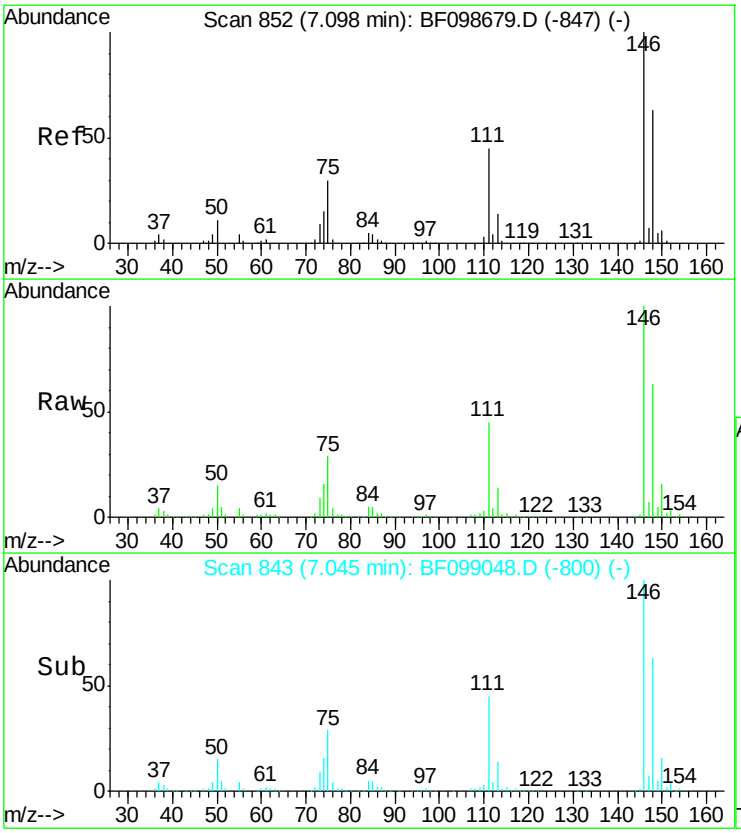

#13
1,4-Dichlorobenzene
Concen: 38.74 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:146 Resp: 349557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 50.8 | 76.2 |
| 111 | 41.7 | 34.2 | 51.2 |

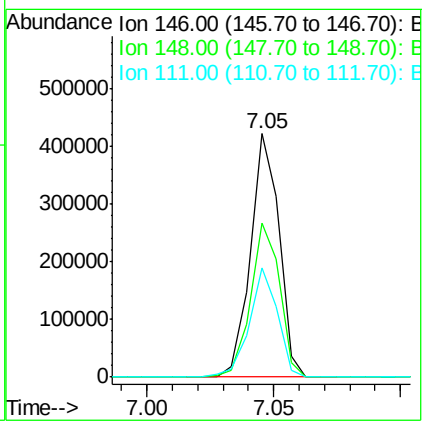


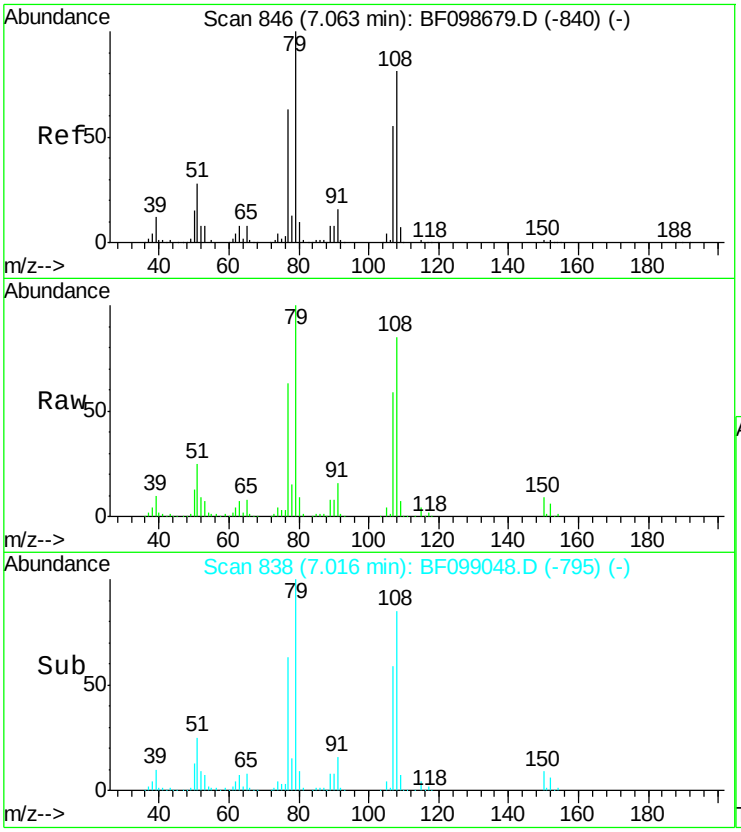




#14
1,2-Dichlorobenzene
Concen: 39.71 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:146 Resp: 331085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.6 | 75.8 |
| 111 | 44.6 | 36.0 | 54.0 |



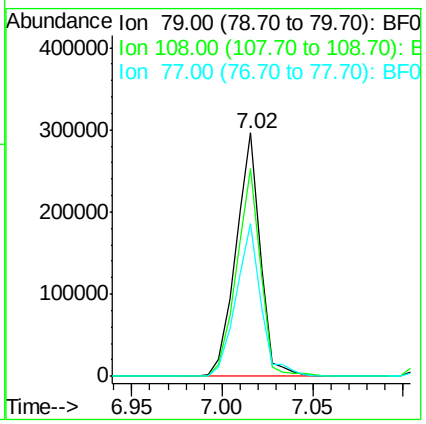


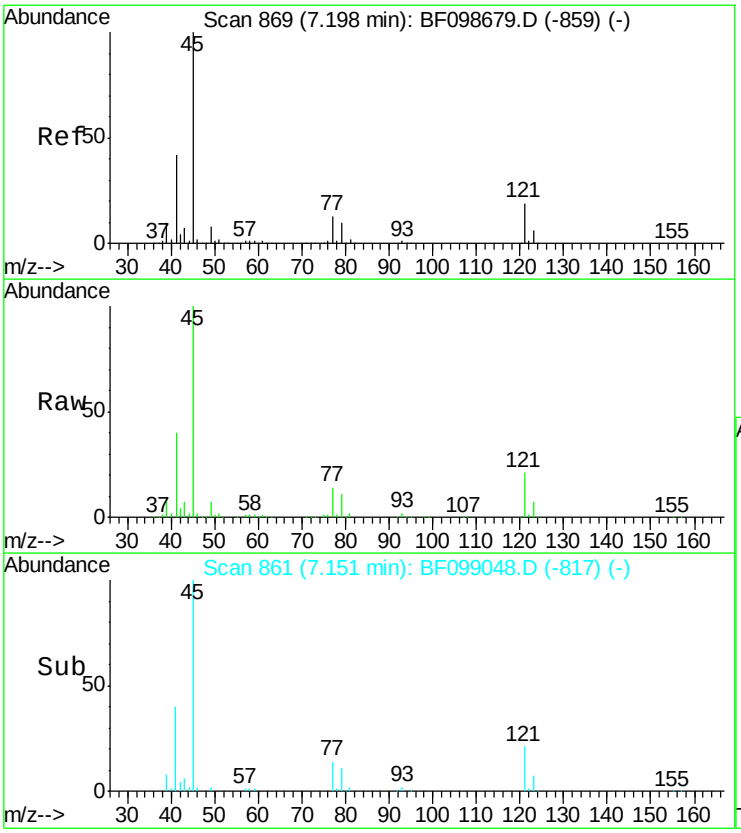

#15
Benzyl Alcohol
Concen: 40.72 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 79 Resp: 275563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.3 | 65.1 | 97.7 |
| 77 | 62.7 | 50.6 | 75.8 |

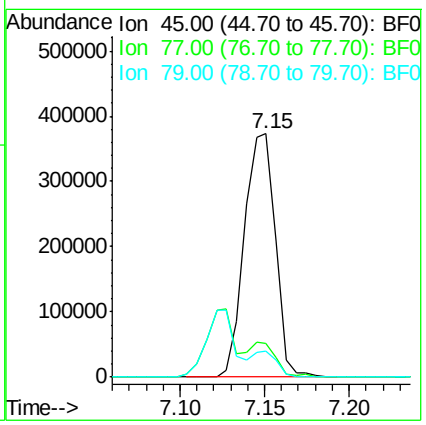


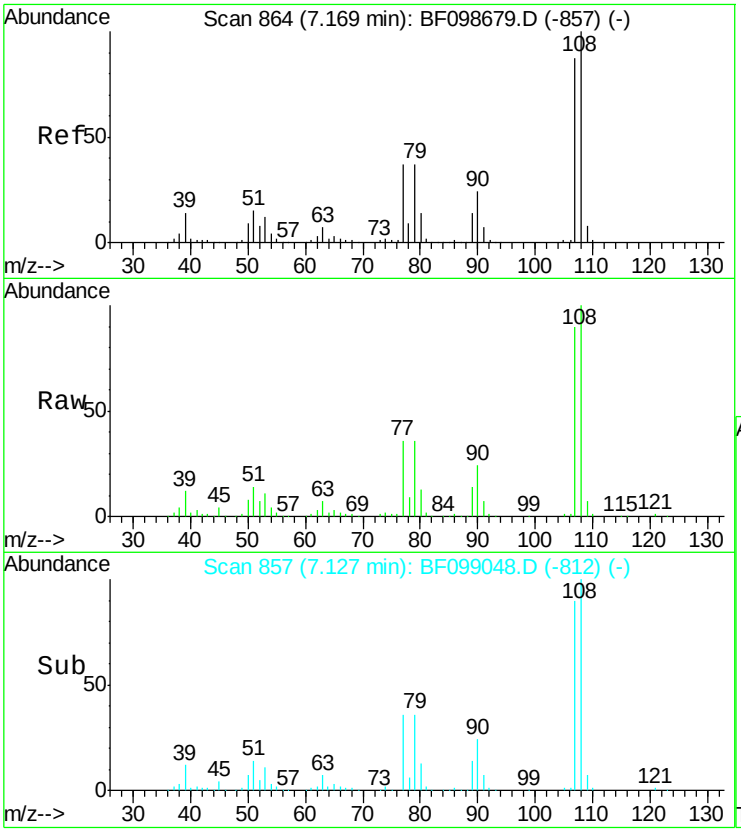




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.30 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 45 Resp: 478565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.8 | 0.0 | 32.9 |
| 79 | 10.7 | 0.0 | 29.6 |



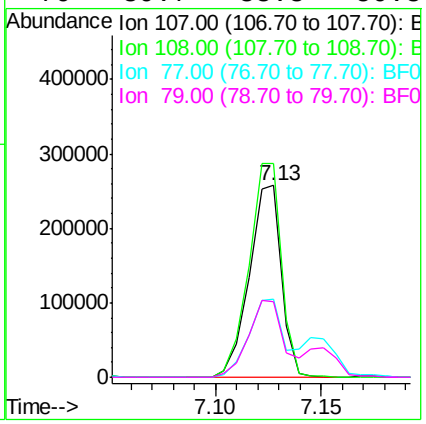


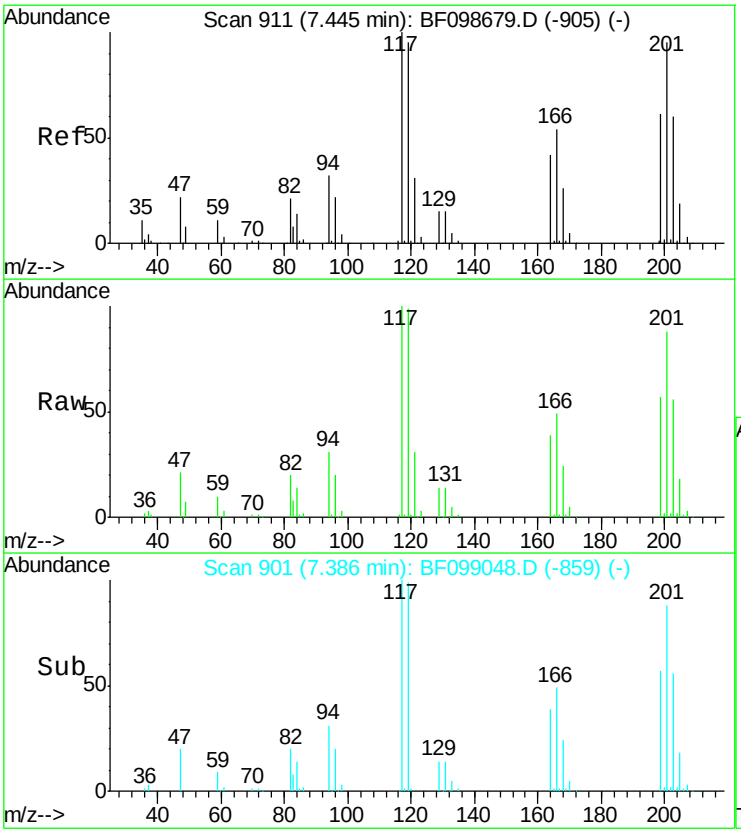

#17
2-Methylphenol
Concen: 39.46 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:107 Resp: 273375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.1 | 91.7 | 137.5 |
| 77 | 40.5 | 33.8 | 50.8 |
| 79 | 39.7 | 33.8 | 50.8 |

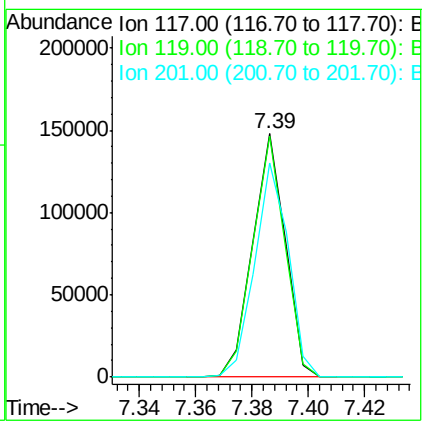


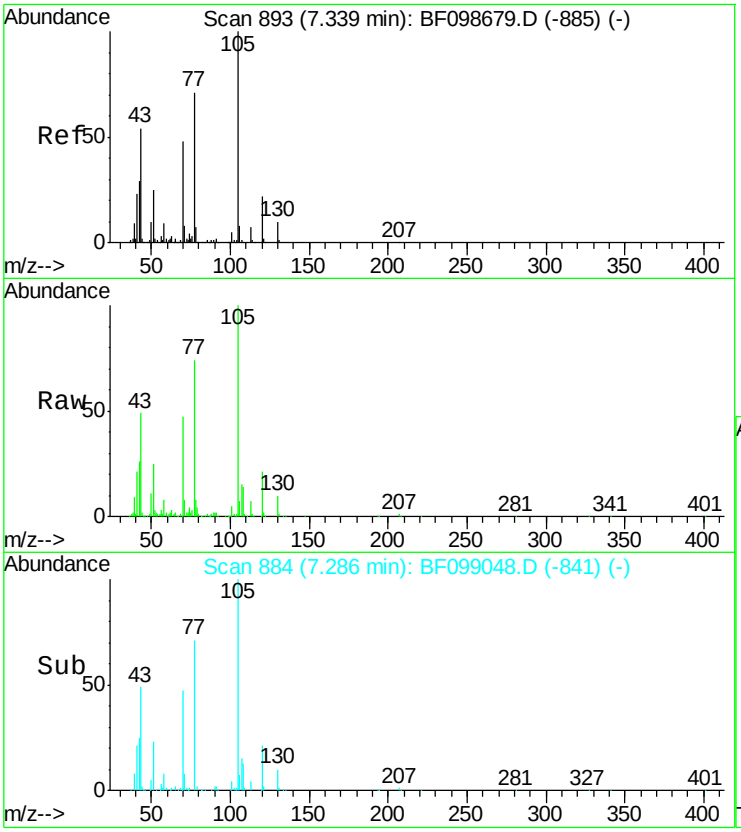




#18
Hexachloroethane
Concen: 36.49 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:117 Resp: 118330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.8 | 75.8 | 113.8 |
| 201 | 88.2 | 75.7 | 113.5 |



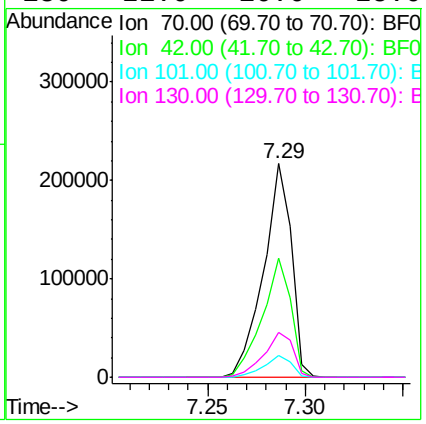


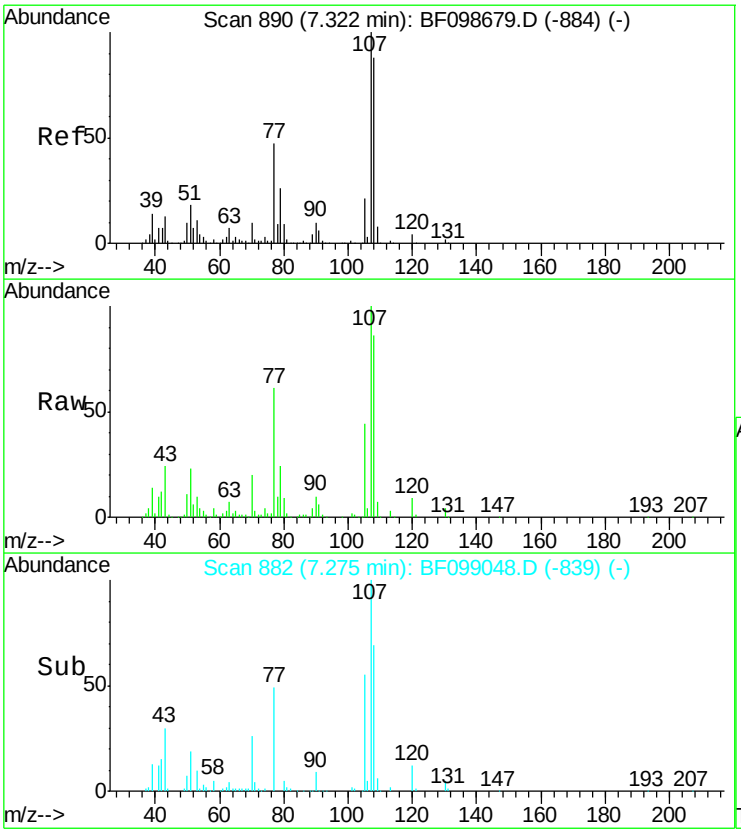

#19
n-Nitroso-di-n-propylamine
Concen: 36.73 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 70 Resp: 216307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.0 | 47.5 | 71.3 |
| 101 | 10.1 | 7.4 | 11.2 |
| 130 | 21.0 | 16.6 | 25.0 |

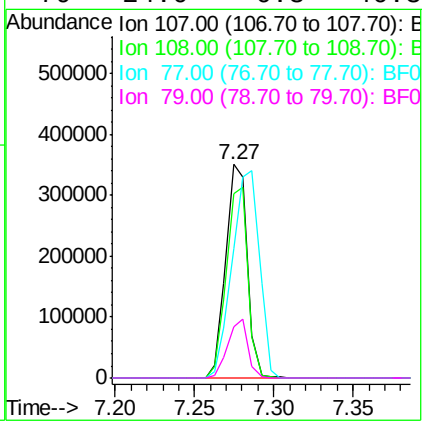


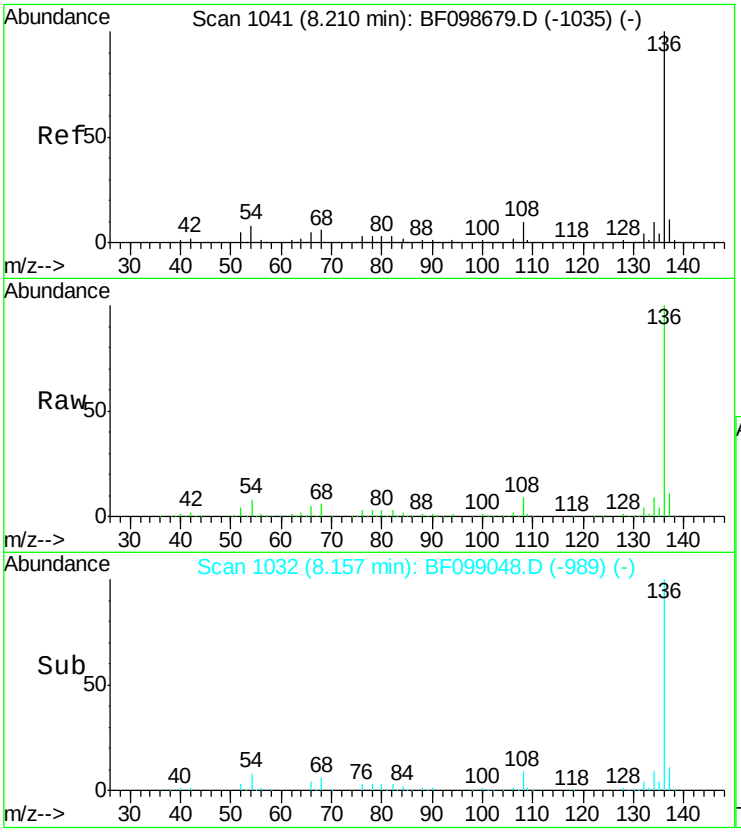




#20
3+4-Methylphenols
Concen: 37.89 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:107 Resp: 332102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.3 | 68.2 | 108.2 |
| 77 | 60.6 | 26.7 | 66.7 |
| 79 | 24.0 | 6.3 | 46.3 |



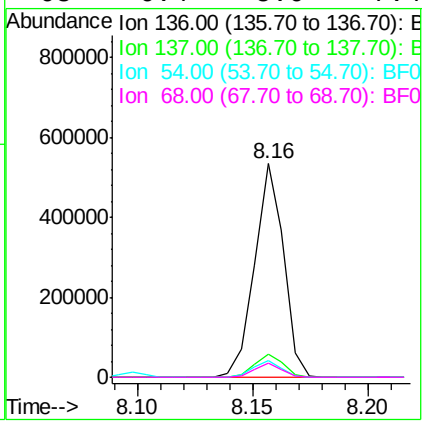


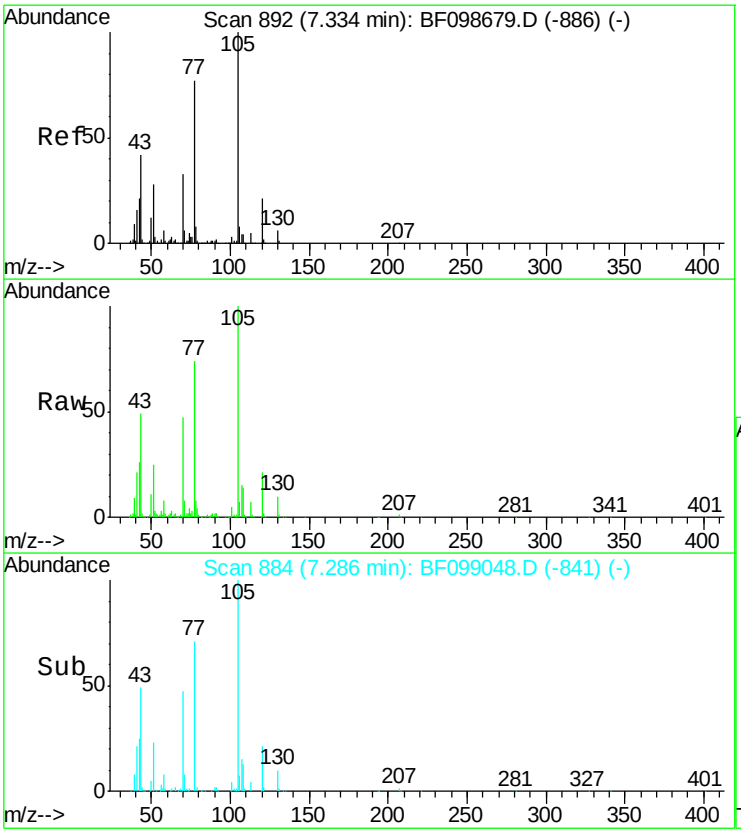

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:136 Resp: 469649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 7.5 | 6.6 | 9.8 |
| 68 | 6.4 | 5.0 | 7.4 |

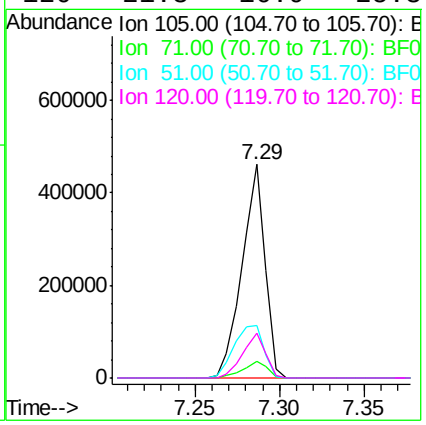


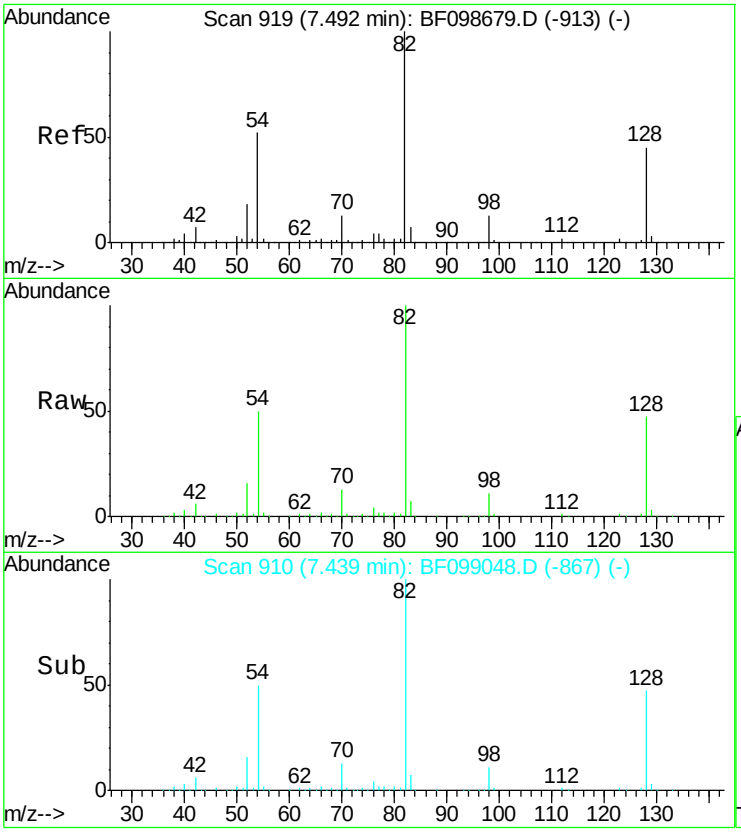




#22
Acetophenone
Concen: 38.64 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:105 Resp: 439724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.8 | 4.4 | 6.6# |
| 51 | 24.7 | 22.3 | 33.5 |
| 120 | 21.3 | 16.9 | 25.3 |



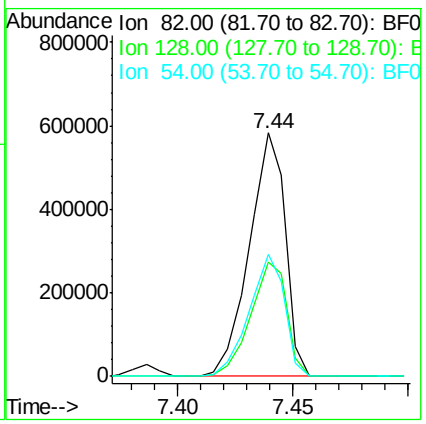


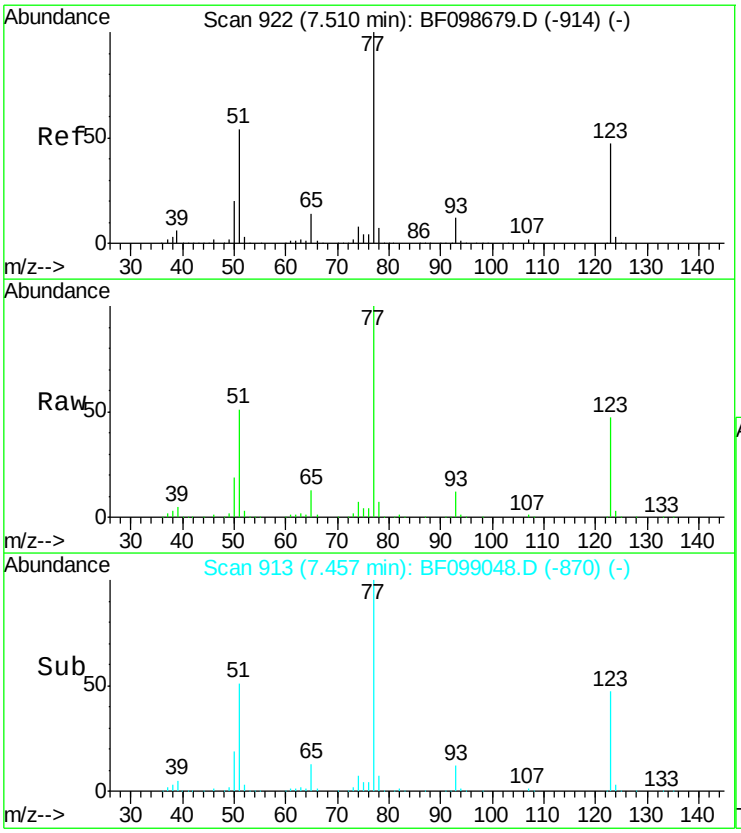

#23
Nitrobenzene-d5
Concen: 86.62 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 82 Resp: 634332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.8 | 36.1 | 54.1 |
| 54 | 49.9 | 41.4 | 62.2 |

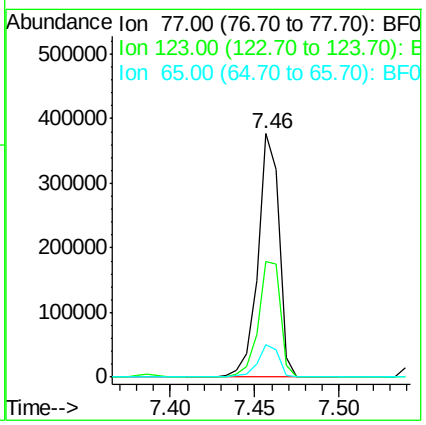


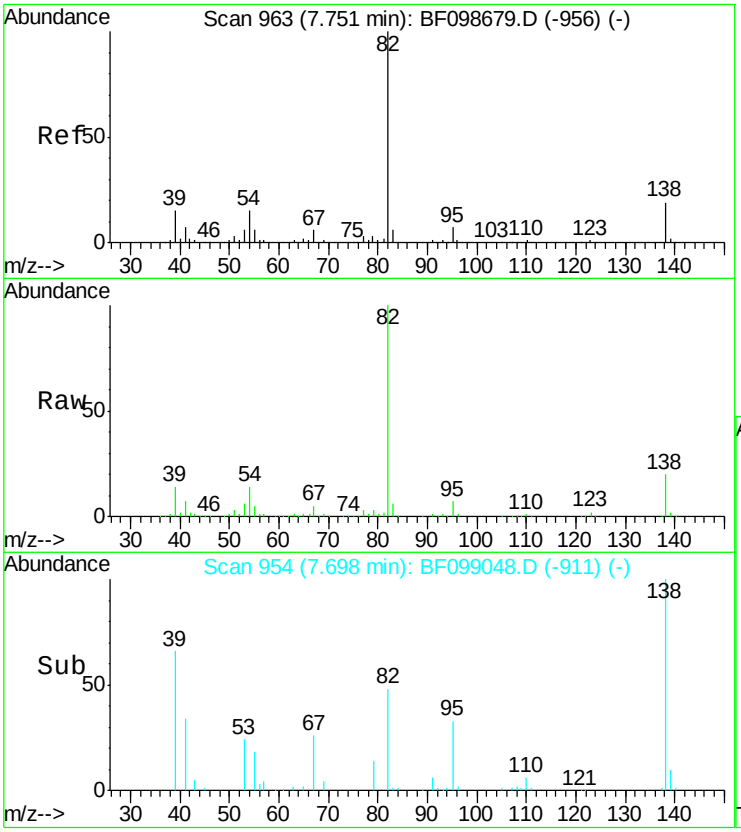




#24
Nitrobenzene
Concen: 39.43 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 77 Resp: 327596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.4 | 37.9 | 56.9 |
| 65 | 13.1 | 11.0 | 16.4 |



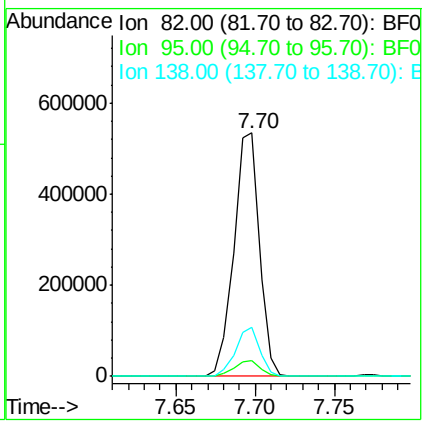


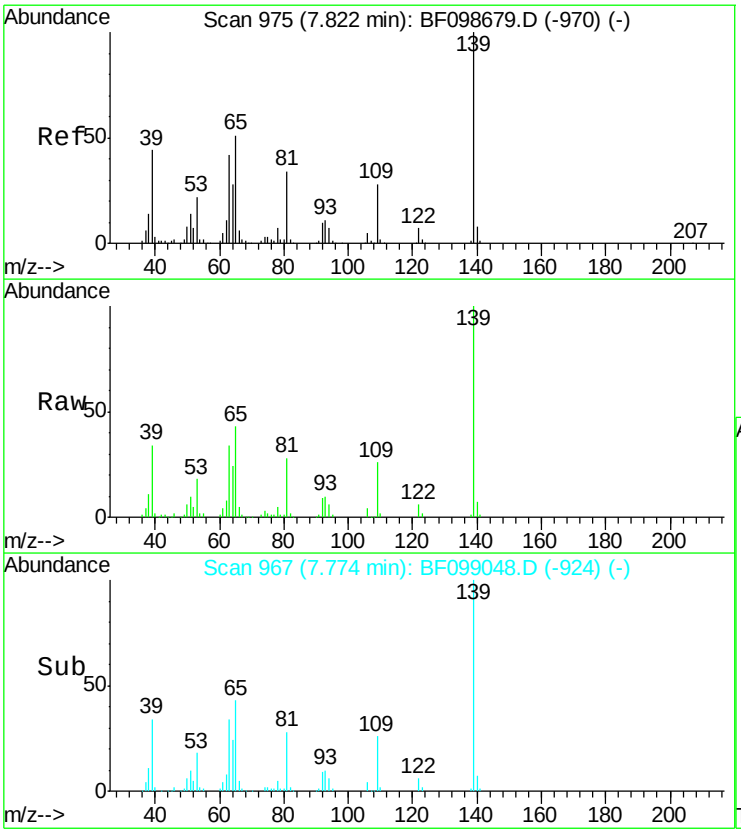

#25
Isophorone
Concen: 39.37 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 82 Resp: 596161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.2 | 7.8 |
| 138 | 20.0 | 14.9 | 22.3 |

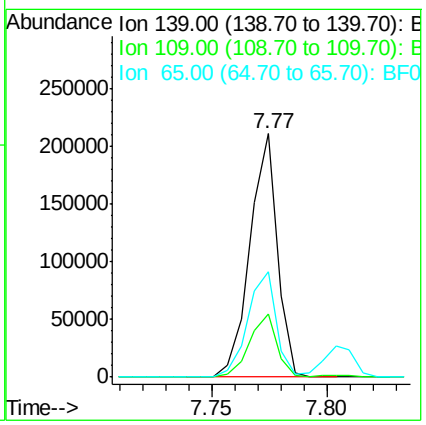


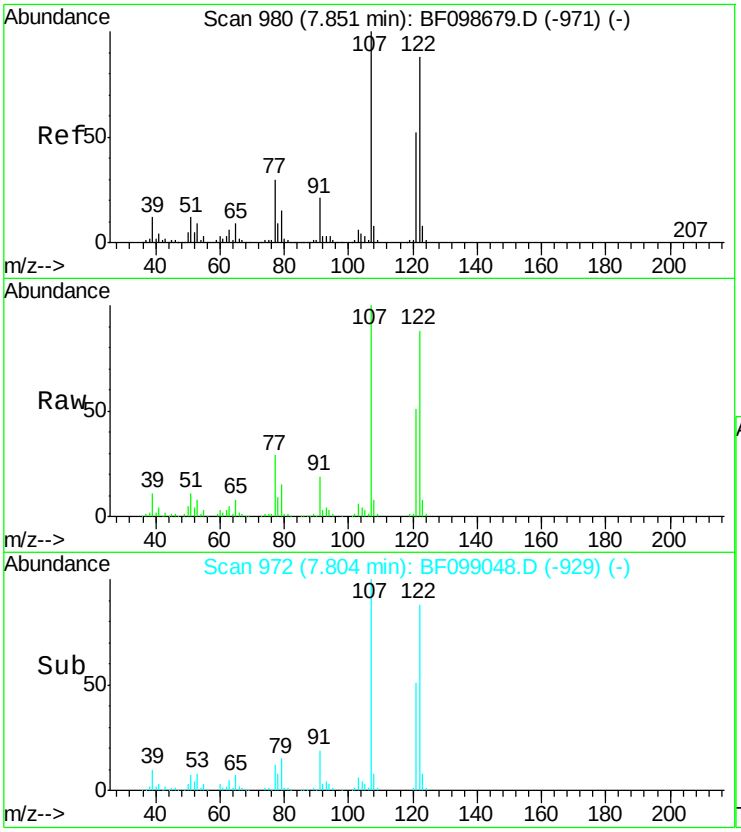




#26
2-Nitrophenol
Concen: 43.86 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:139 Resp: 175224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.8 | 22.7 | 34.1 |
| 65 | 43.2 | 40.5 | 60.7 |



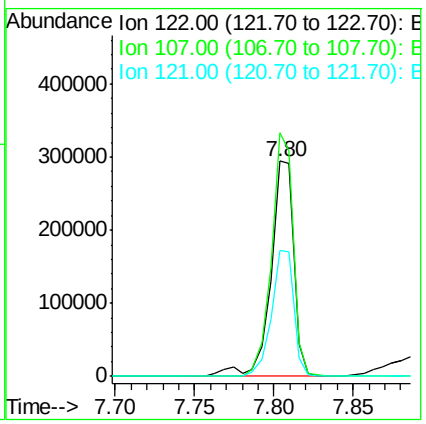


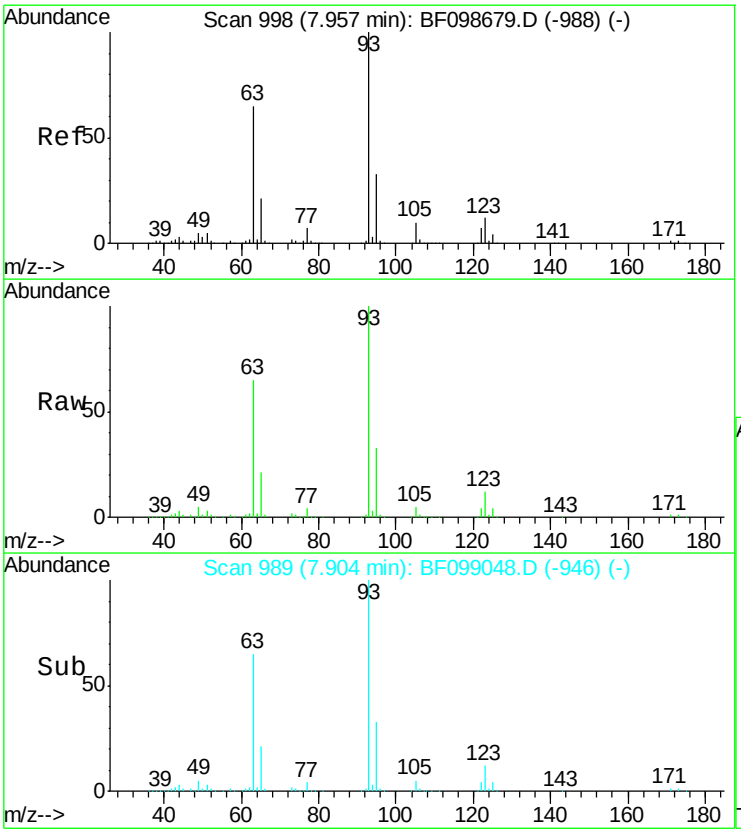

#27
2,4-Dimethylphenol
Concen: 39.64 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:122 Resp: 299022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.2 | 91.2 | 136.8 |
| 121 | 58.2 | 47.2 | 70.8 |

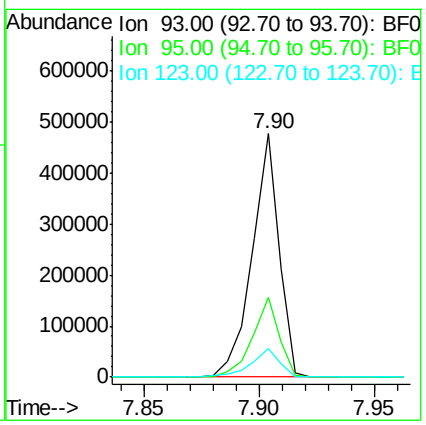


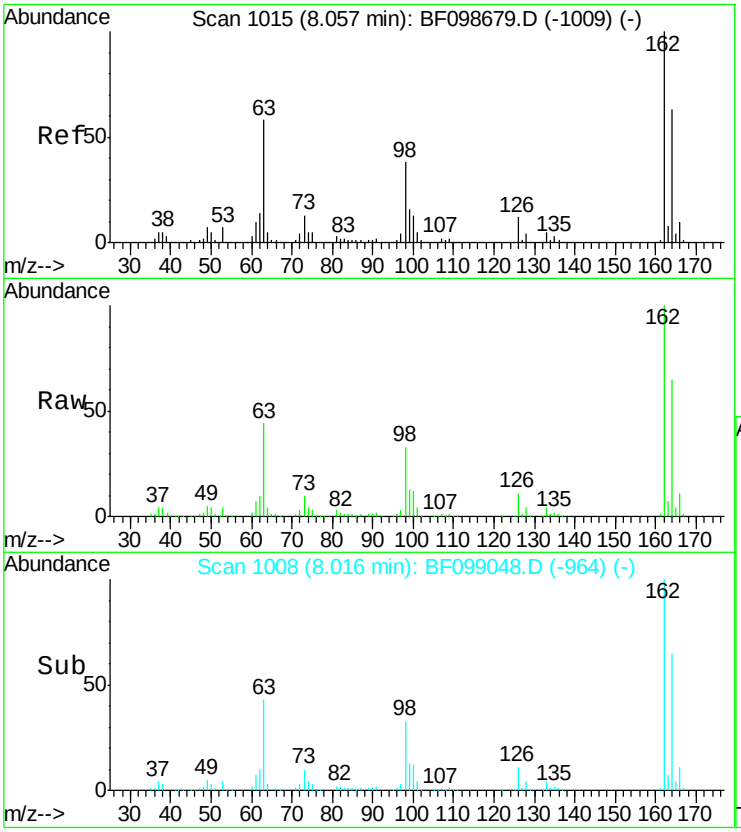




#28
bis(2-Chloroethoxy)methane
Concen: 41.18 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 93 Resp: 388607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 26.3 | 39.5 |
| 123 | 11.7 | 9.8 | 14.6 |



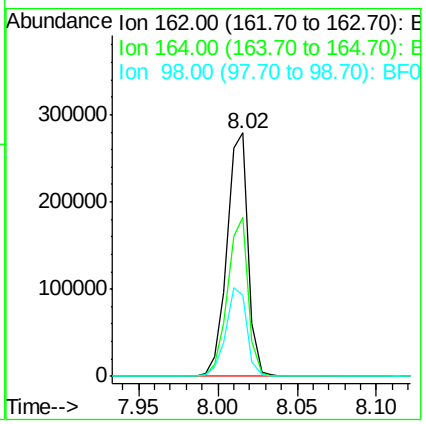


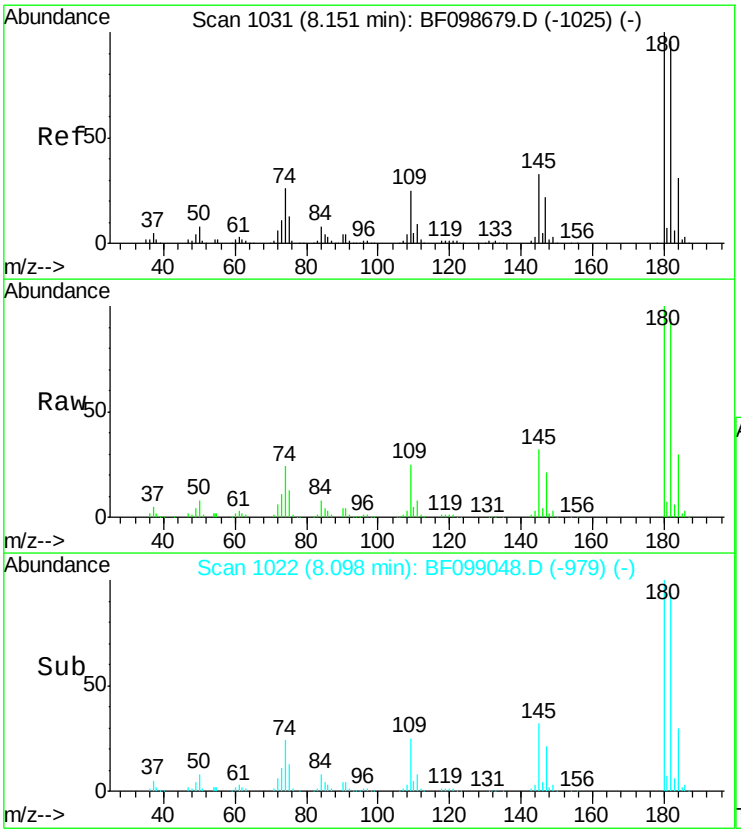

#29
2,4-Dichlorophenol
Concen: 39.93 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:162 Resp: 258643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.2 | 42.7 | 82.7 |
| 98 | 33.2 | 18.1 | 58.1 |

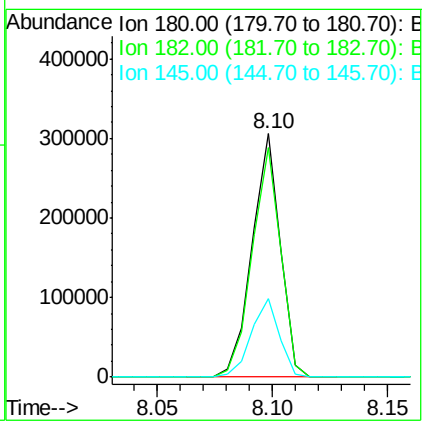


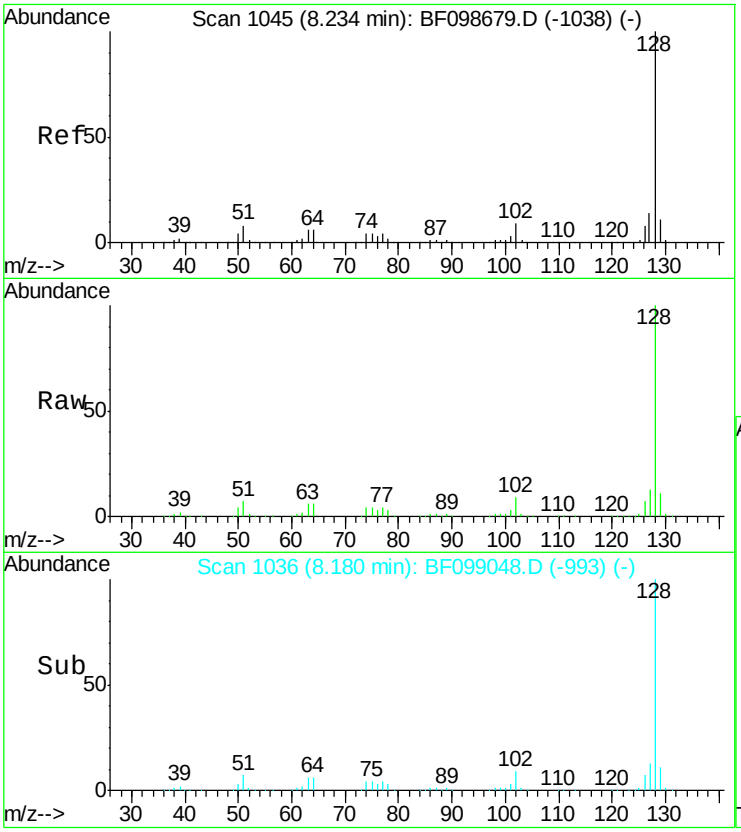




#30
1,2,4-Trichlorobenzene
Concen: 40.27 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:180 Resp: 260853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 76.8 | 115.2 |
| 145 | 32.2 | 26.5 | 39.7 |



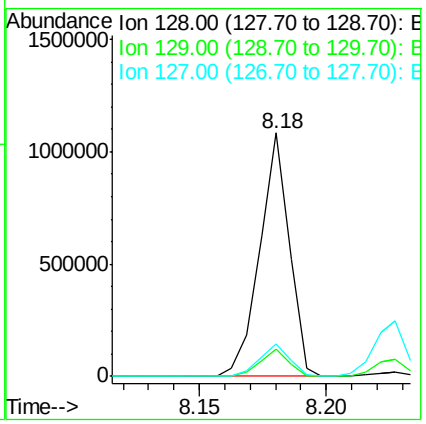


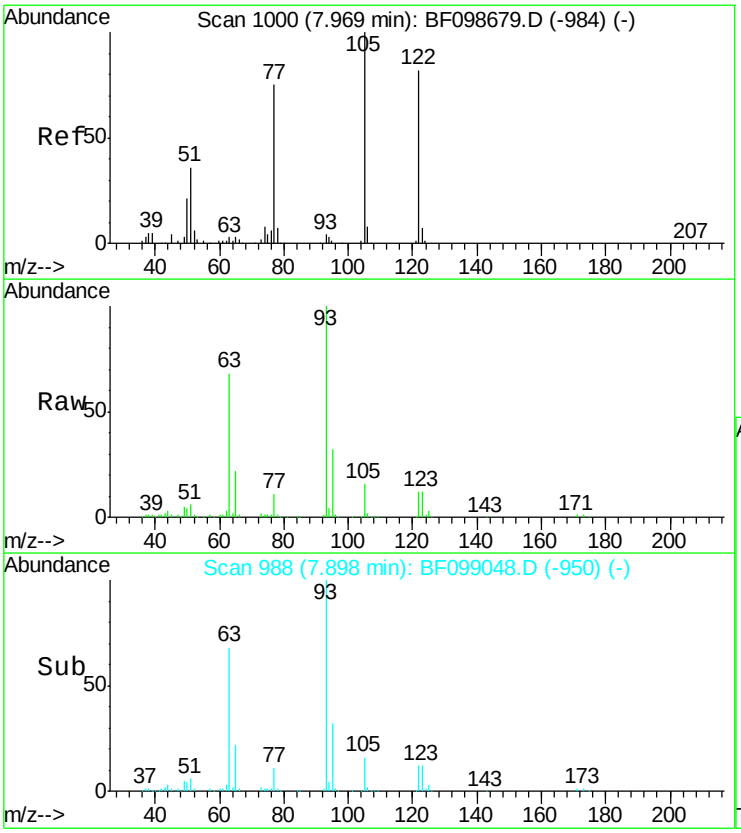

#31
Naphthalene
Concen: 39.90 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:128 Resp: 880206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.8 | 13.2 |
| 127 | 13.4 | 10.9 | 16.3 |

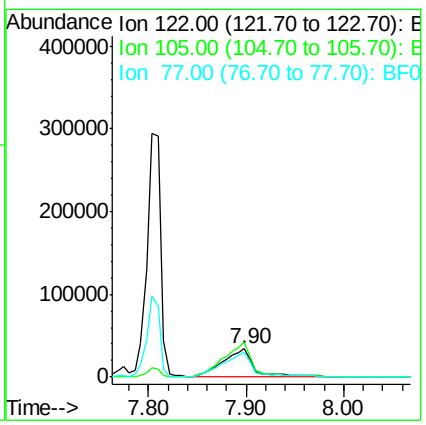


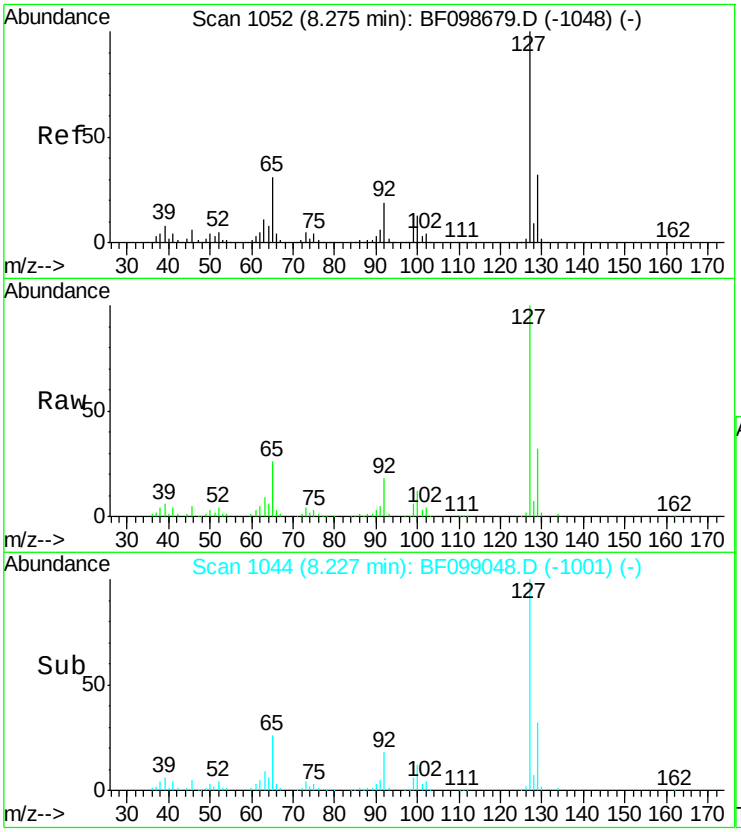




#32
Benzoic acid
Concen: 11.61 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.08 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:122 Resp: 71919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.9 | 101.1 | 141.1 |
| 77 | 86.7 | 70.7 | 110.7 |



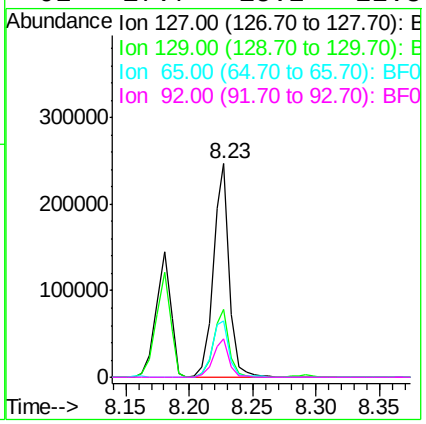


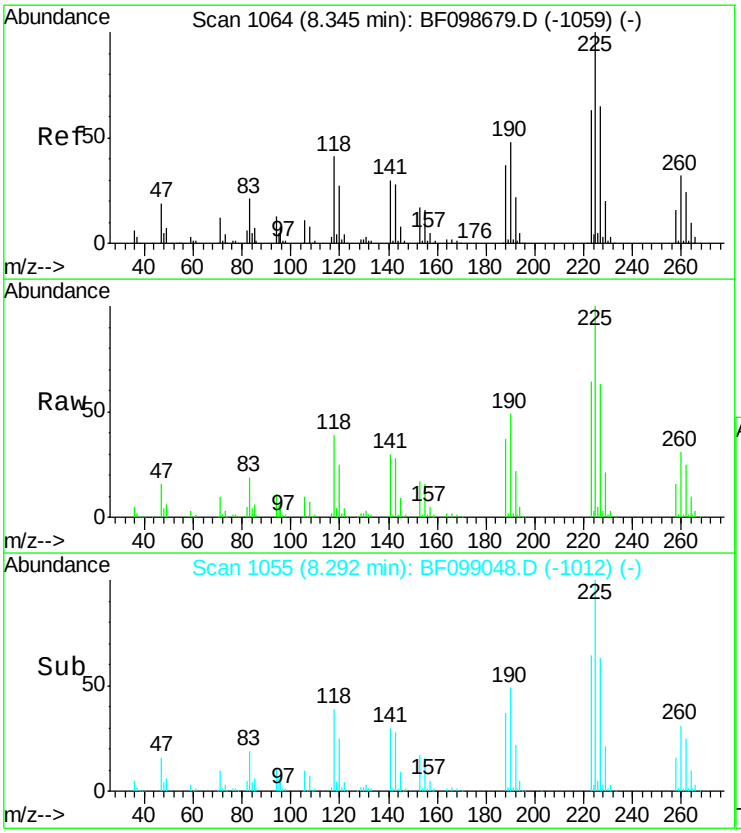

#33
4-Chloroaniline
Concen: 23.52 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:127 Resp: 216643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 25.9 | 38.9 |
| 65 | 26.3 | 25.0 | 37.4 |
| 92 | 17.7 | 15.2 | 22.8 |

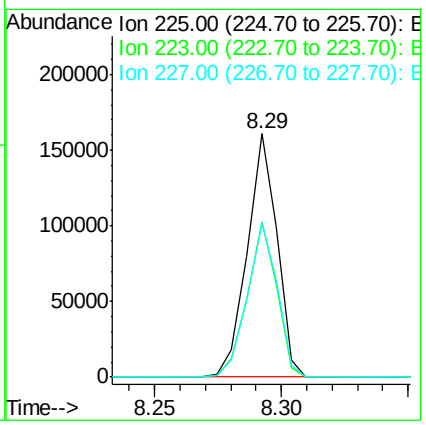


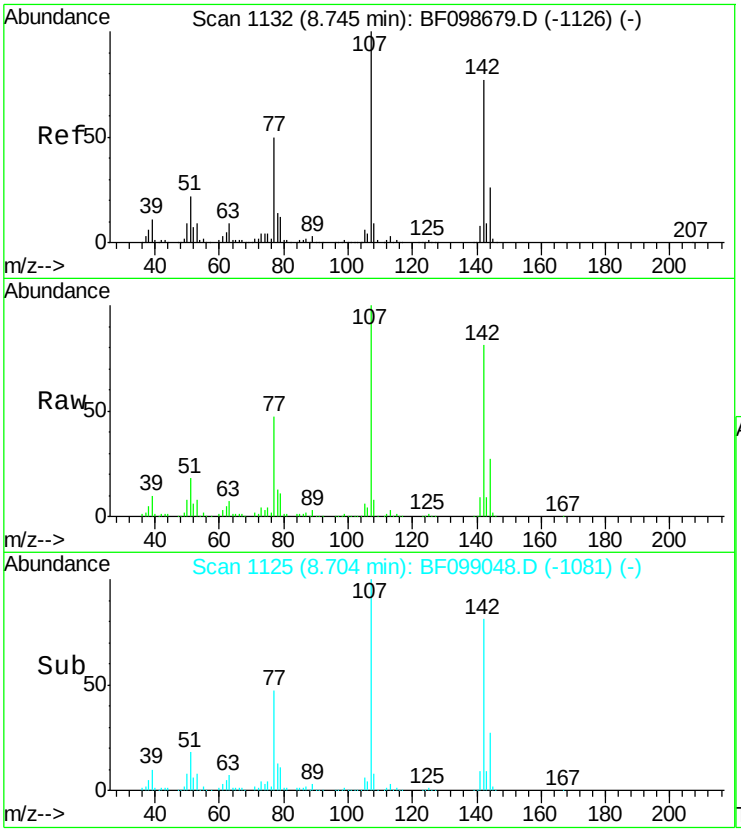




#34
Hexachlorobutadiene
Concen: 39.48 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:225 Resp: 131752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 50.6 | 76.0 |
| 227 | 63.1 | 51.9 | 77.9 |



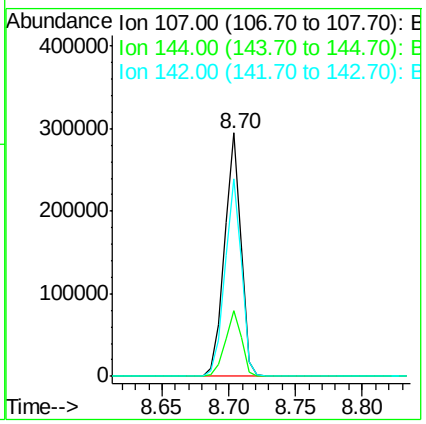


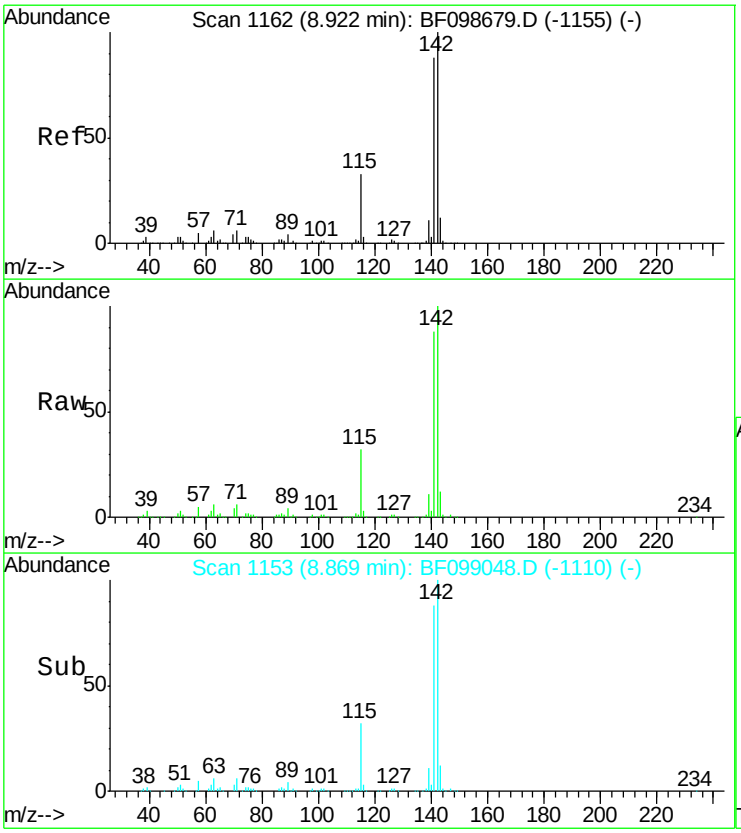

#36
4-Chloro-3-methylphenol
Concen: 35.59 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:107 Resp: 259110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.8 | 20.5 | 30.7 |
| 142 | 81.0 | 62.0 | 93.0 |

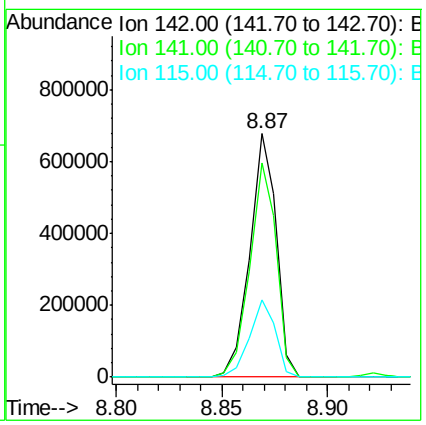


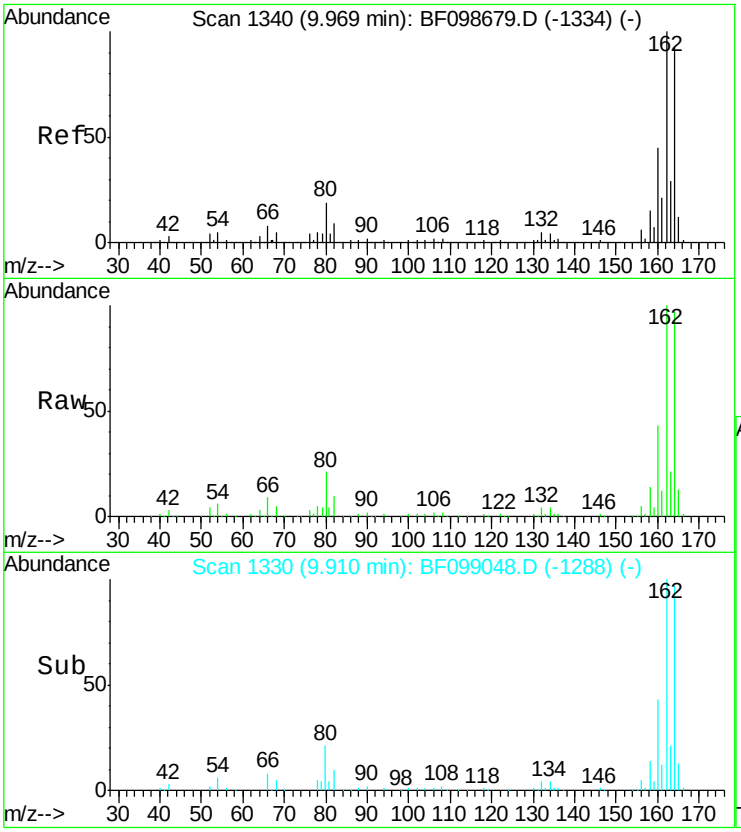




#37
2-Methylnaphthalene
Concen: 41.14 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:142 Resp: 589941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 70.8 | 106.2 |
| 115 | 31.6 | 26.1 | 39.1 |



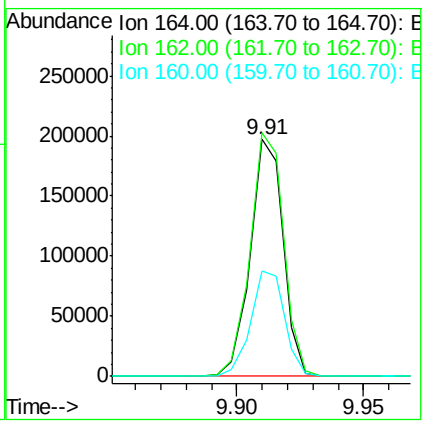


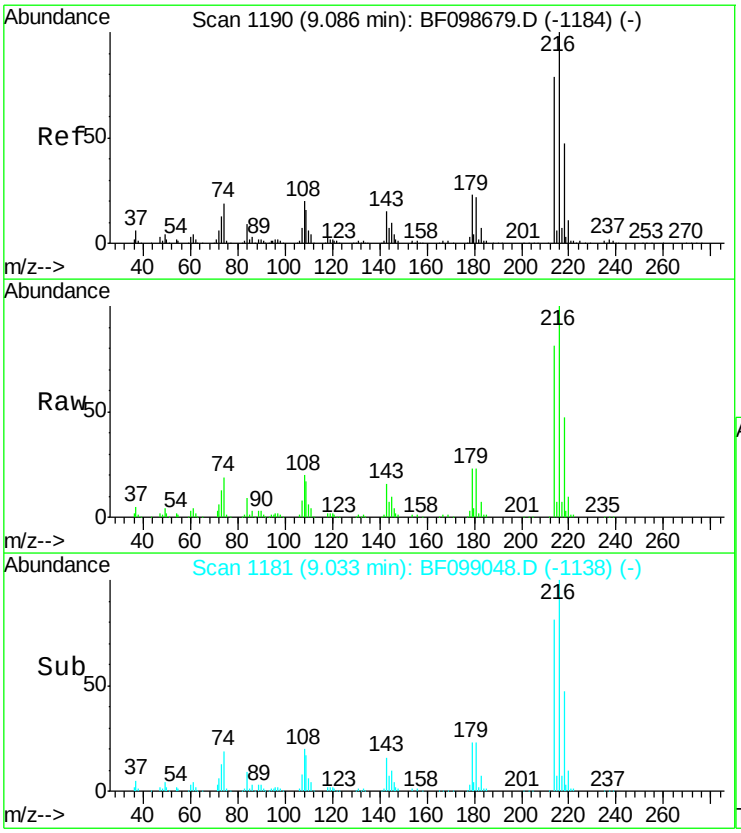

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:164 Resp: 178228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 86.1 | 129.1 |
| 160 | 44.4 | 38.3 | 57.5 |

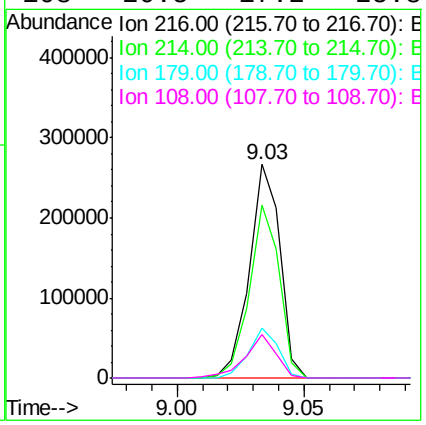


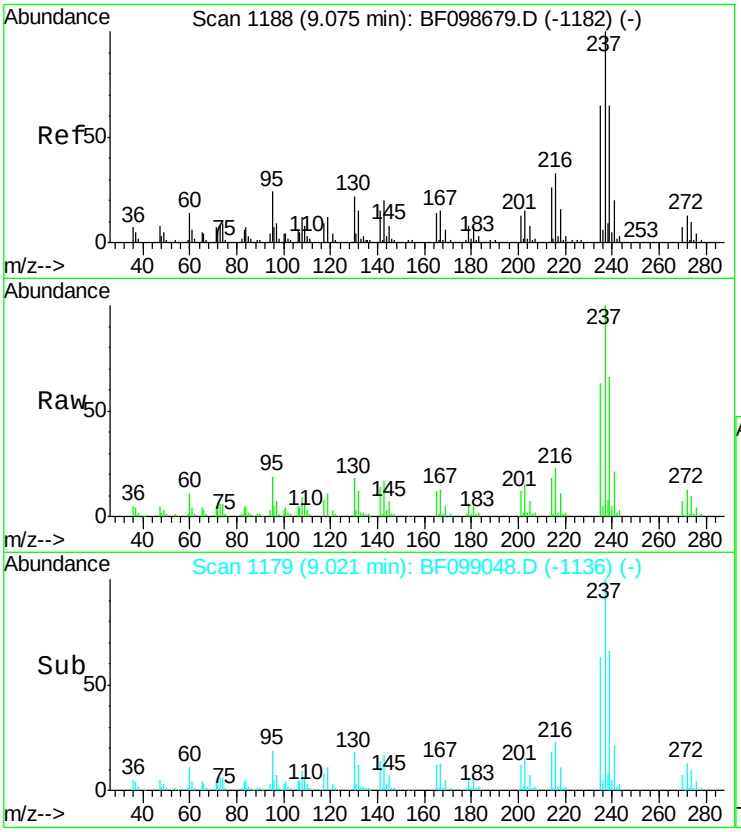




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.22 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:216 Resp: 224421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.0 | 94.4 |
| 179 | 22.6 | 18.1 | 27.1 |
| 108 | 20.5 | 17.2 | 25.8 |



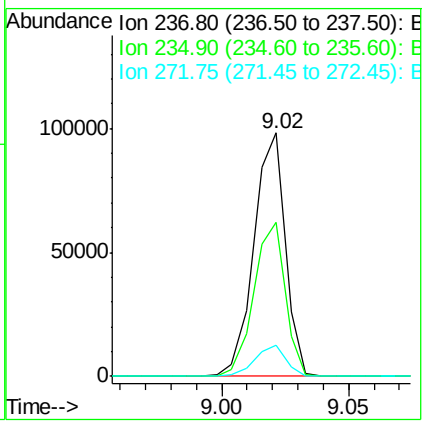


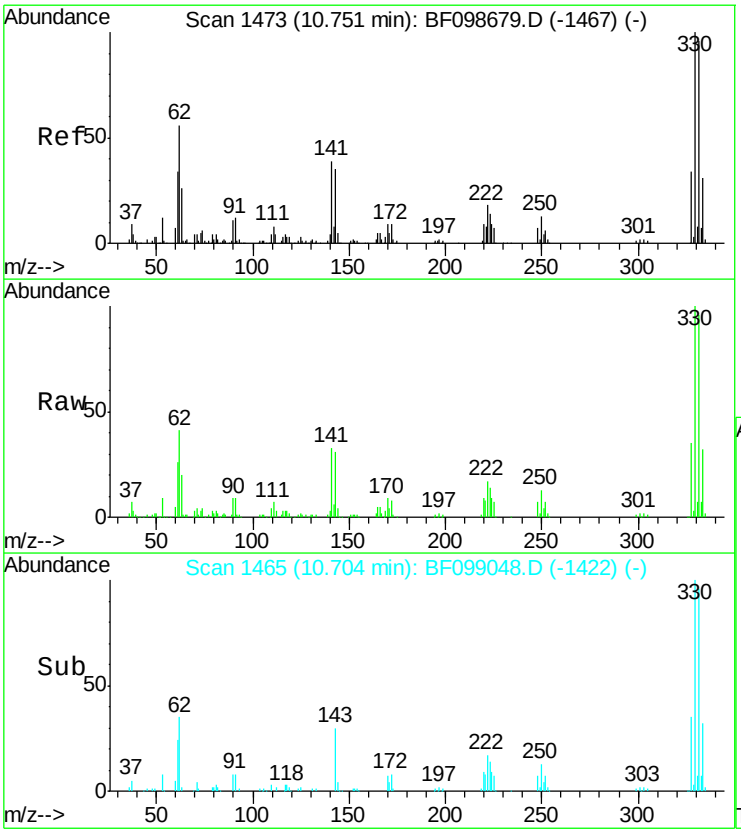

#40
Hexachlorocyclopentadiene
Concen: 35.05 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:237 Resp: 85141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 44.8 | 84.8 |
| 272 | 12.6 | 0.0 | 33.3 |

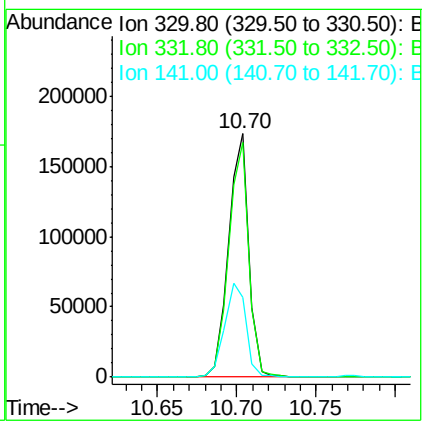


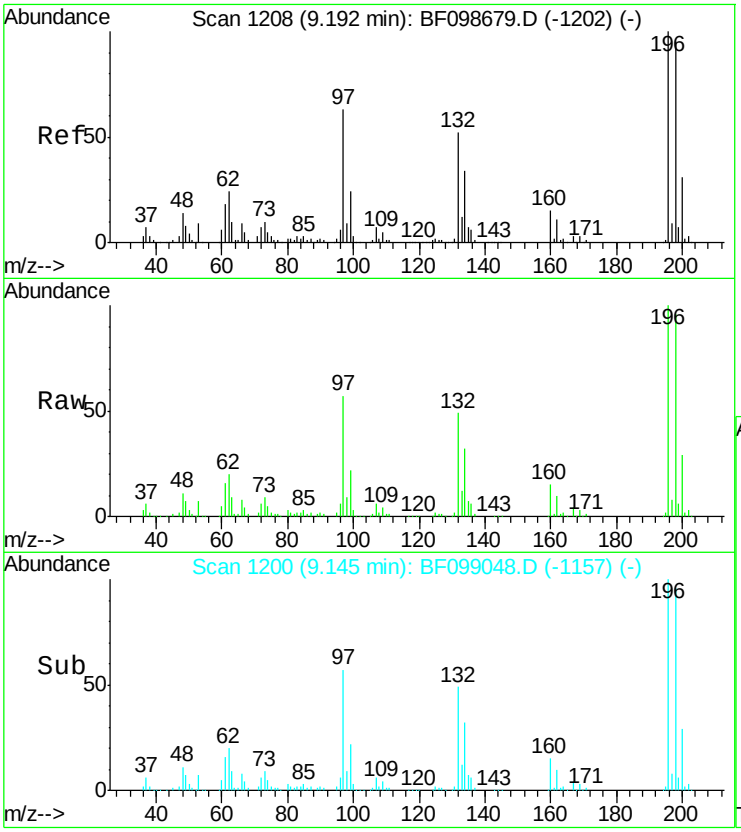




#41
2,4,6-Tribromophenol
Concen: 105.21 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:330 Resp: 153435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 41.2 | 29.9 | 44.9 |



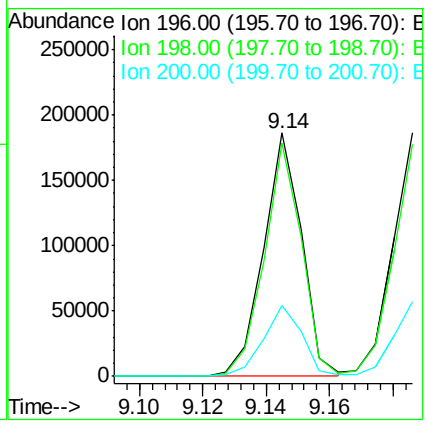


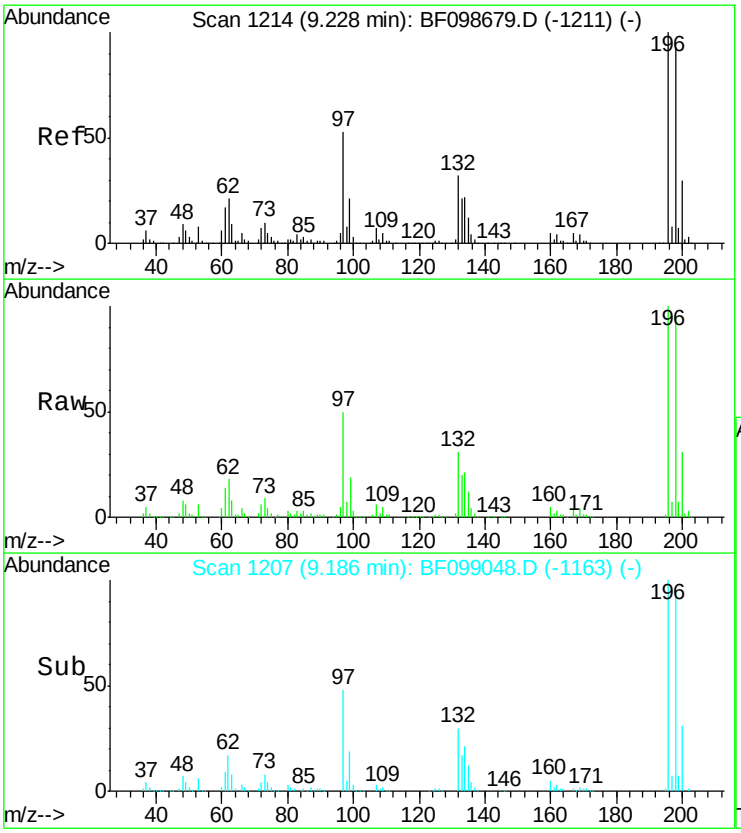

#42
2,4,6-Trichlorophenol
Concen: 41.27 ng
RT: 9.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:196 Resp: 155392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 75.7 | 113.5 |
| 200 | 29.2 | 24.5 | 36.7 |

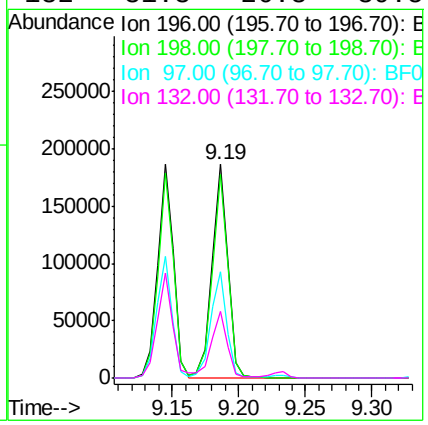


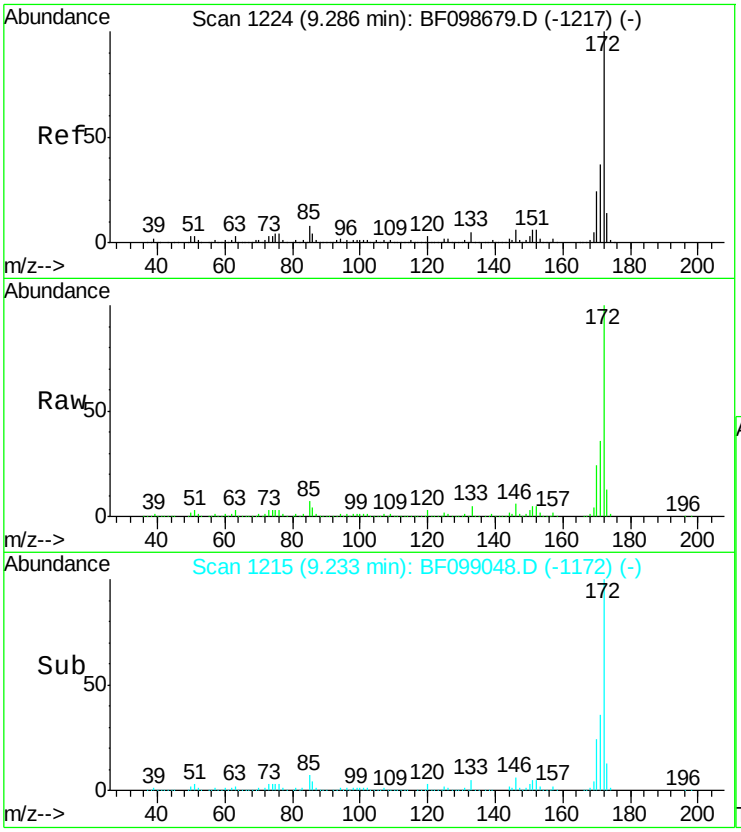




#43
2,4,5-Trichlorophenol
Concen: 41.73 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:196 Resp: 156857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 74.6 | 112.0 |
| 97 | 49.6 | 42.9 | 64.3 |
| 132 | 31.3 | 26.3 | 39.5 |



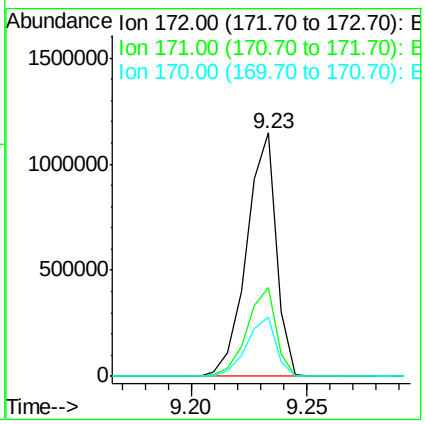


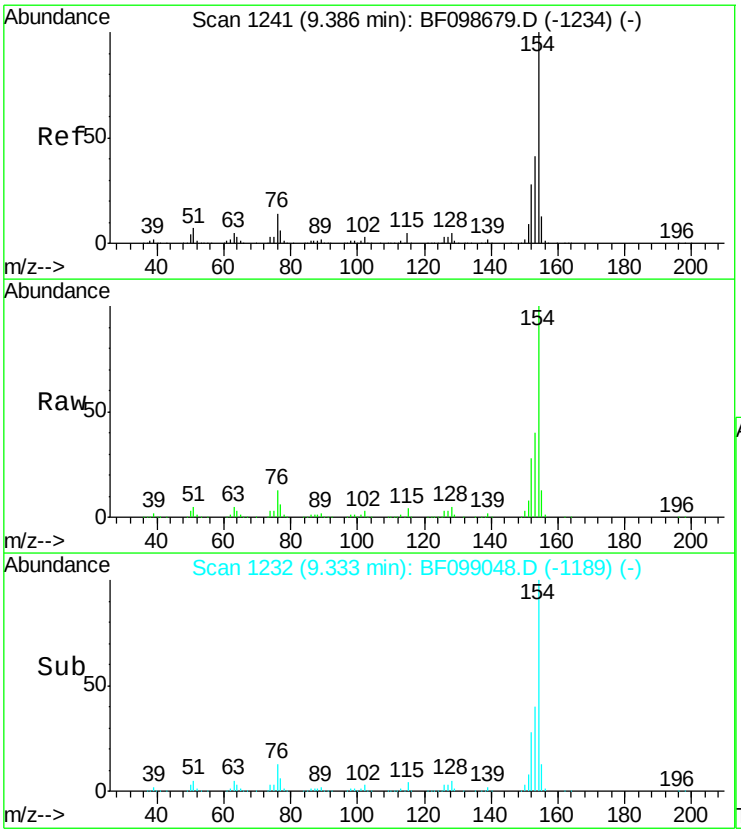

#44
2-Fluorobiphenyl
Concen: 96.70 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:172 Resp: 1032334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.7 | 44.5 |
| 170 | 24.1 | 19.6 | 29.4 |

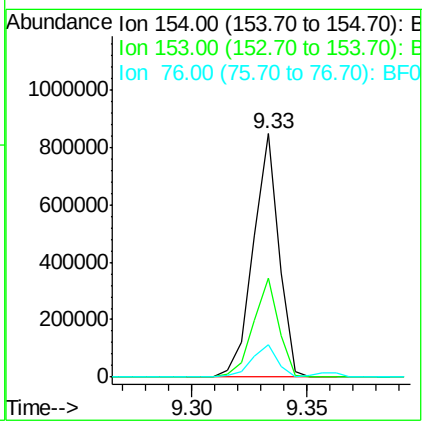


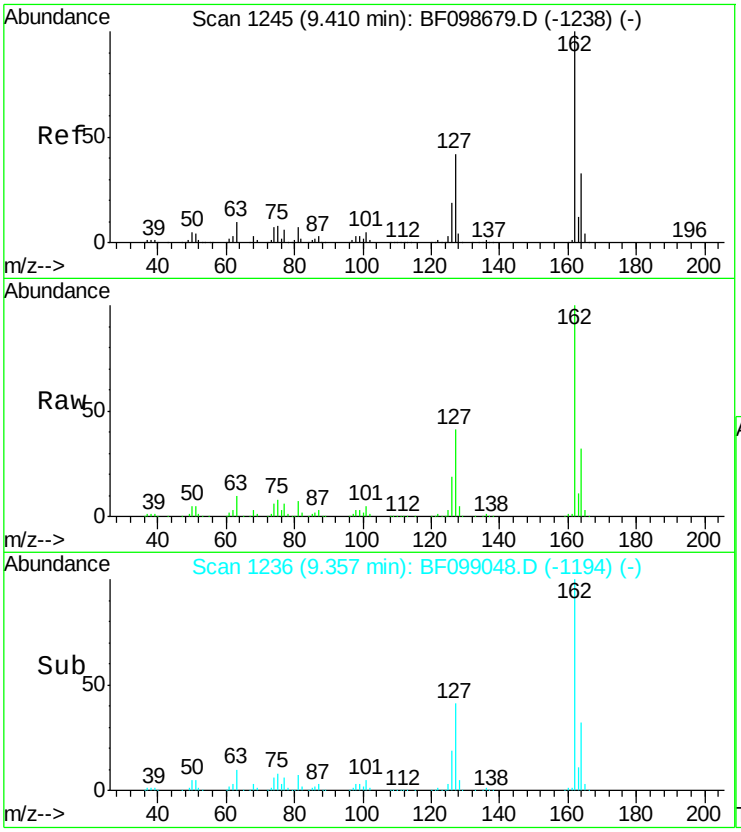




#45
1,1'-Biphenyl
Concen: 43.17 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:154 Resp: 661198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 21.3 | 61.3 |
| 76 | 13.2 | 0.0 | 34.0 |



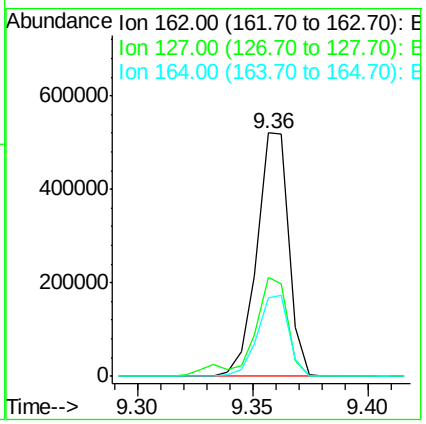


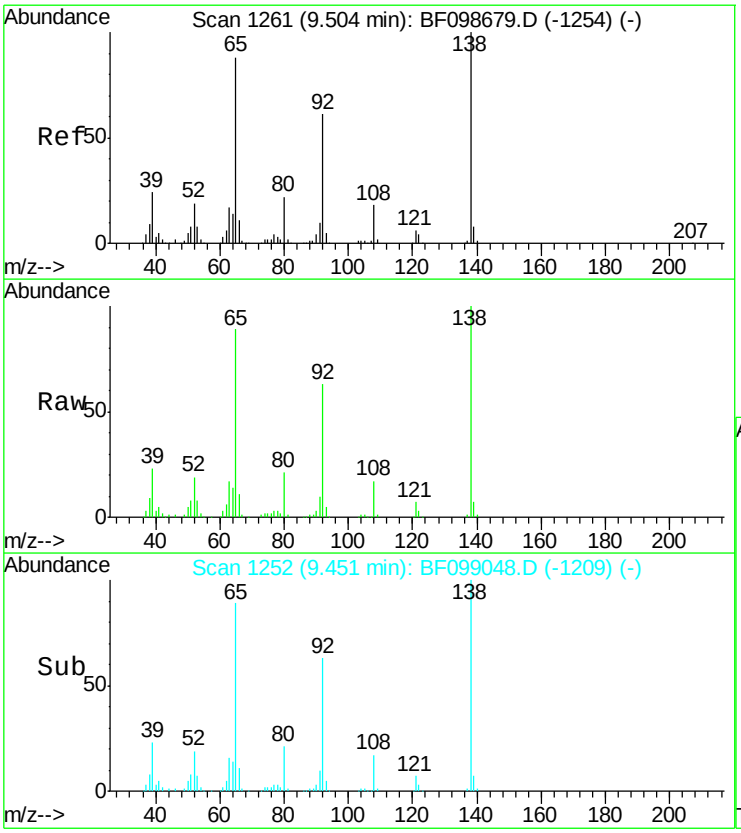

#46
2-Chloronaphthalene
Concen: 43.66 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:162 Resp: 502114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.8 | 33.9 | 50.9 |
| 164 | 32.3 | 26.5 | 39.7 |

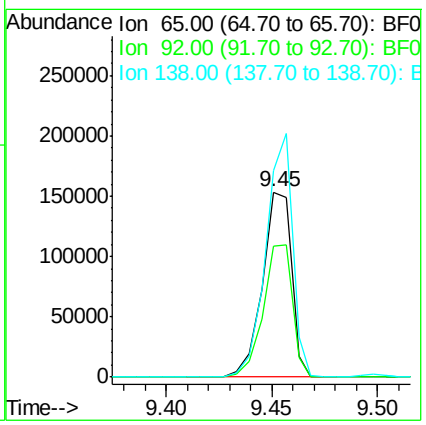


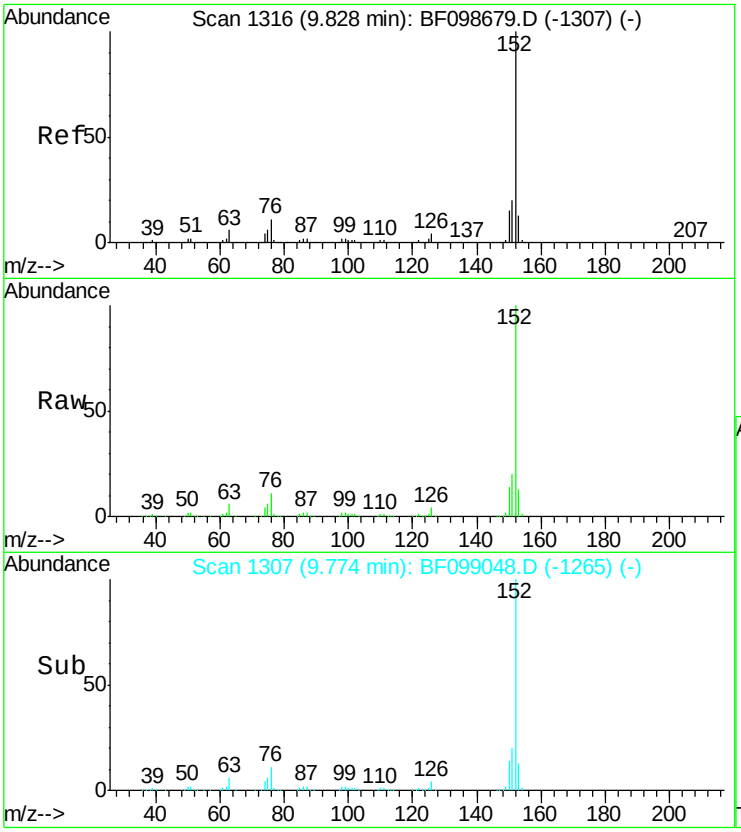




#47
2-Nitroaniline
Concen: 41.99 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion: 65 Resp: 147859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.6 | 55.8 | 83.6 |
| 138 | 111.9 | 91.2 | 136.8 |



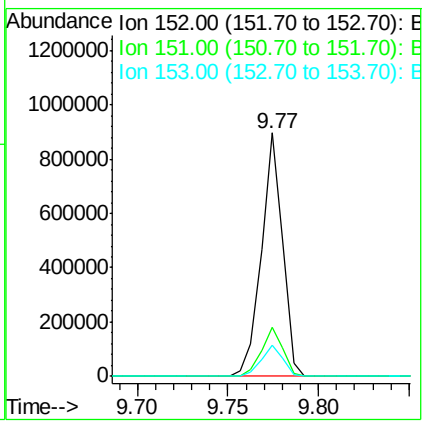


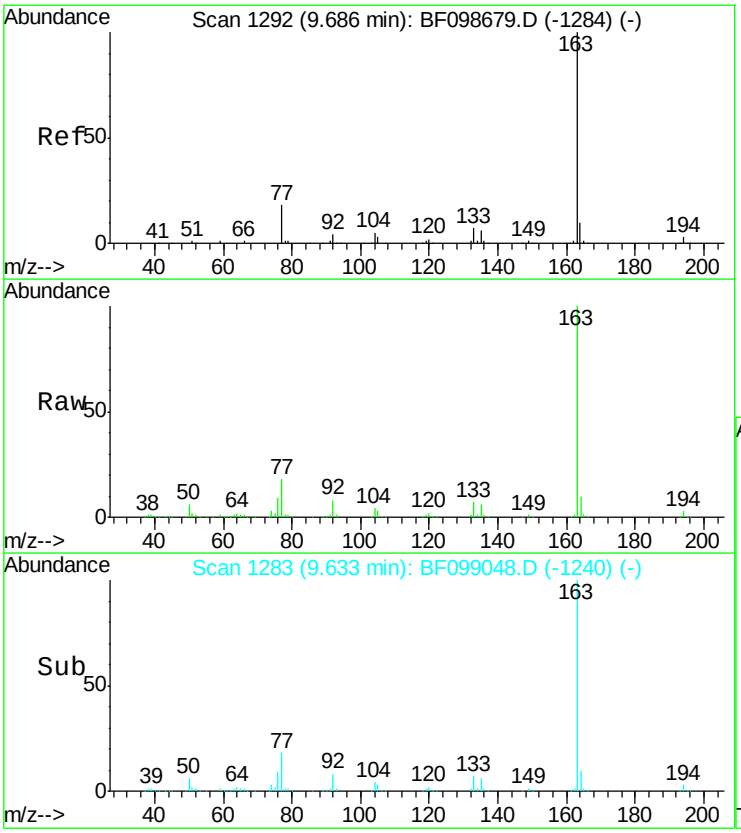

#48
Acenaphthylene
Concen: 41.34 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:152 Resp: 727859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.3 | 24.5 |
| 153 | 12.9 | 10.7 | 16.1 |

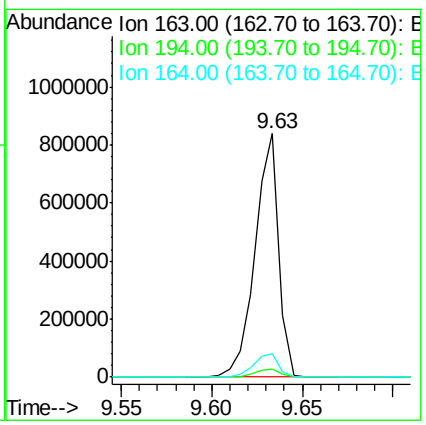


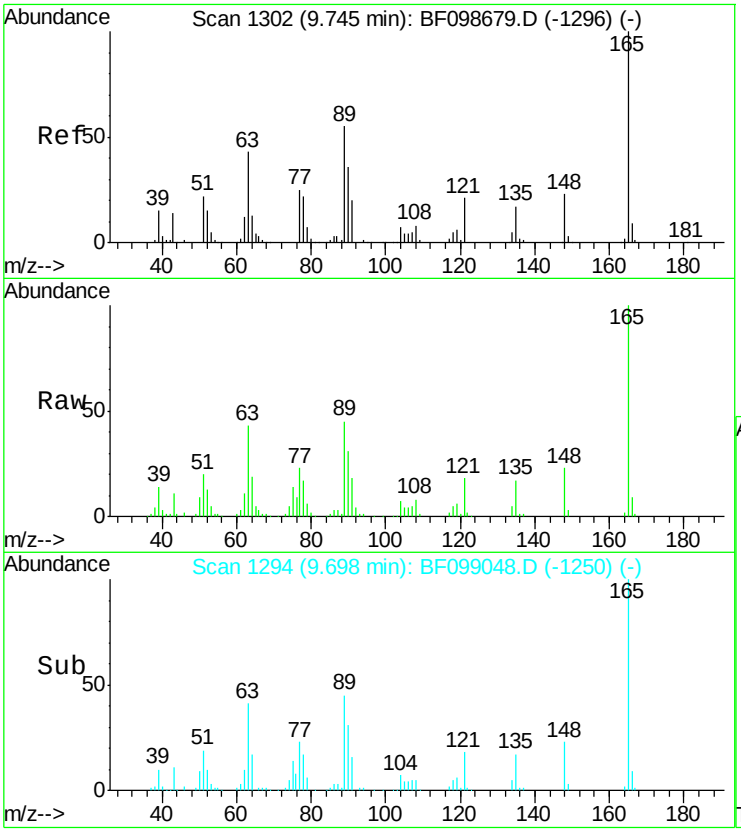




#49
Dimethylphthalate
Concen: 56.13 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:163 Resp: 755074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.7 | 4.1 |
| 164 | 9.9 | 8.2 | 12.2 |



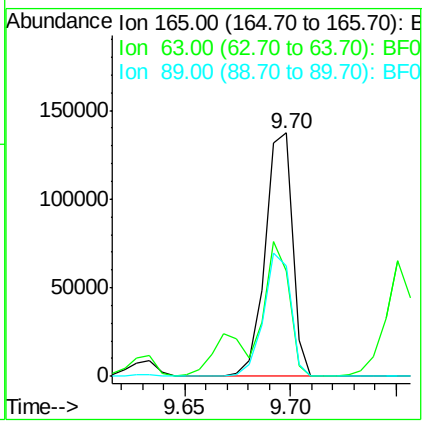


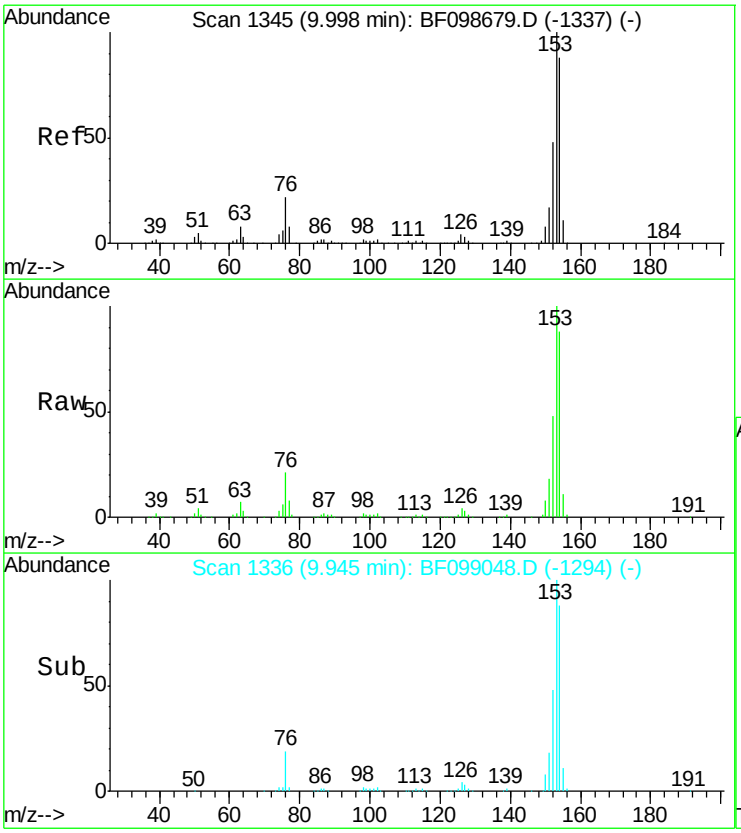

#50
2,6-Dinitrotoluene
Concen: 42.28 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:165 Resp: 123820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.1 | 44.7 | 67.1# |
| 89 | 45.2 | 44.0 | 66.0 |

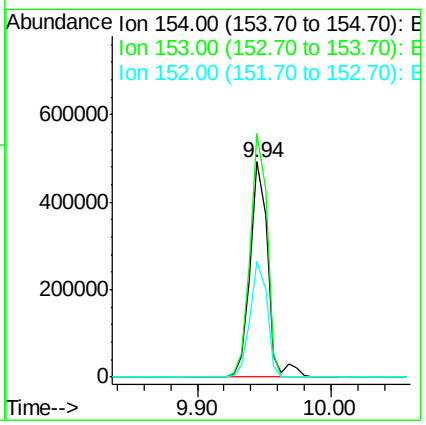


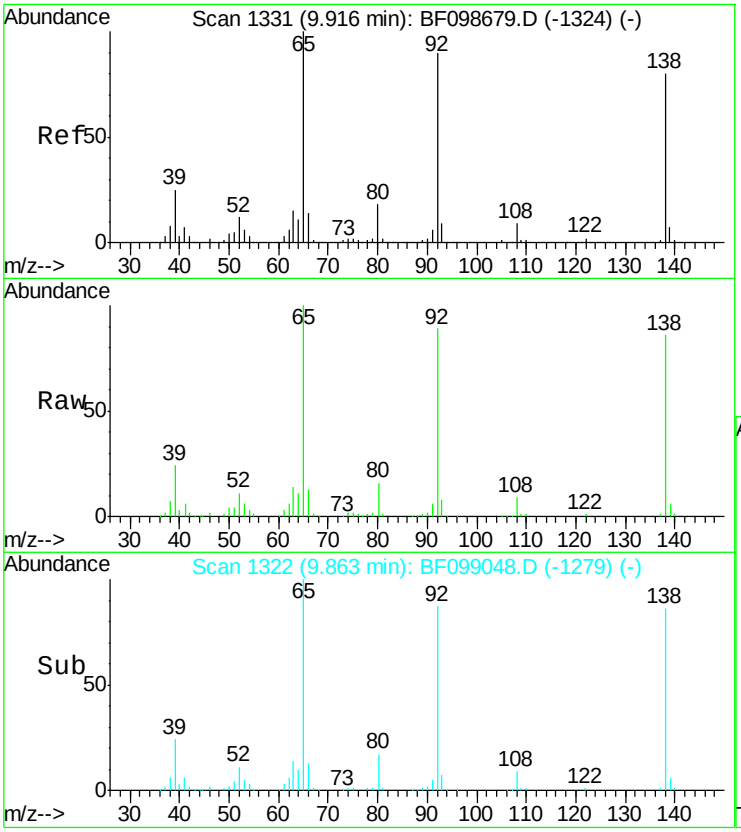




#51
Acenaphthene
Concen: 39.86 ng
RT: 9.94 min Scan# 1336
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:154 Resp: 444580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 91.2 | 136.8 |
| 152 | 53.8 | 43.8 | 65.8 |



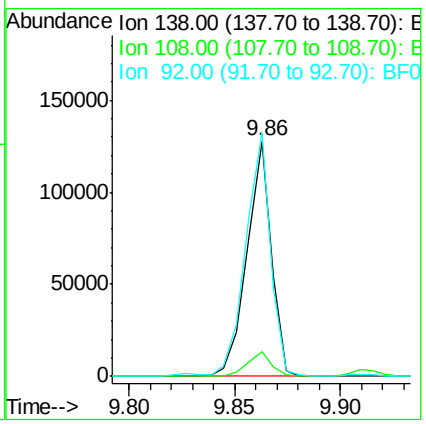


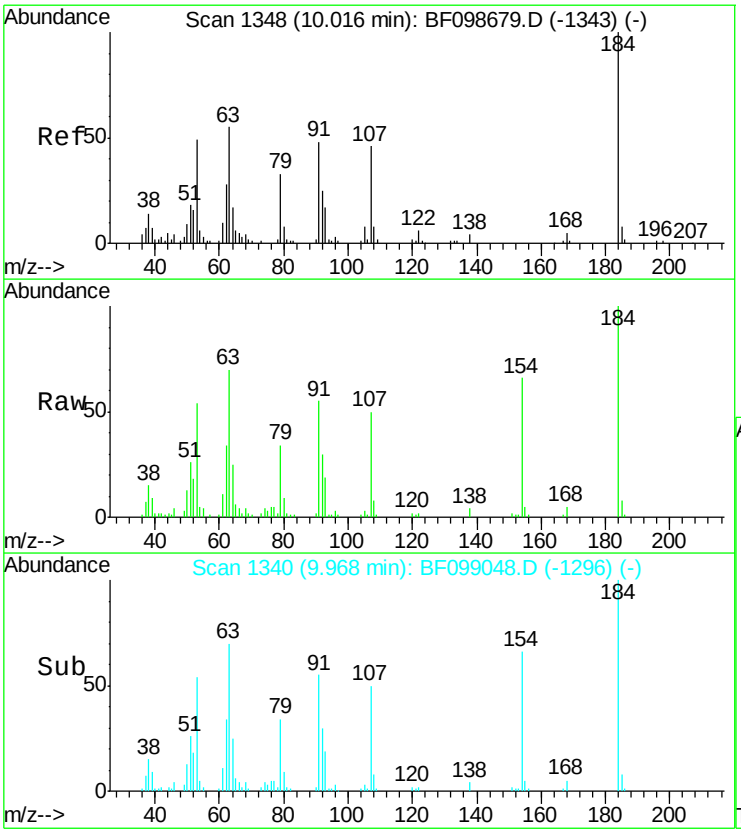

#52
3-Nitroaniline
Concen: 30.12 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:138 Resp: 102845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 9.4 | 14.0 |
| 92 | 103.5 | 89.4 | 134.2 |

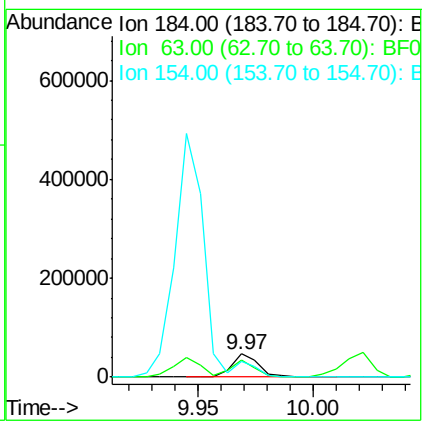


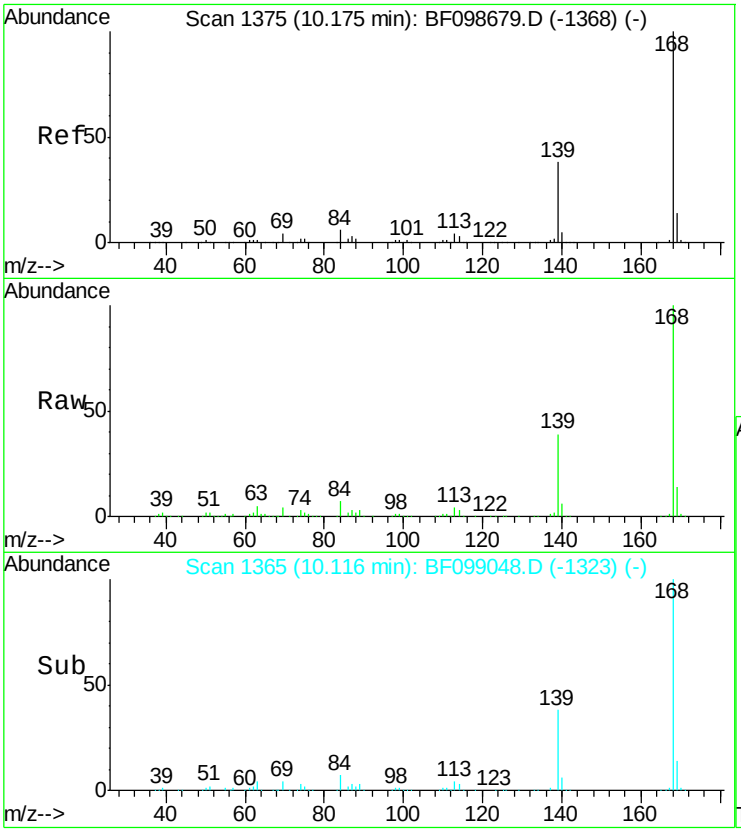




#53
2,4-Dinitrophenol
Concen: 29.36 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:184 Resp: 38695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 70.3 | 54.2 | 81.2 |
| 154 | 65.5 | 53.5 | 80.3 |



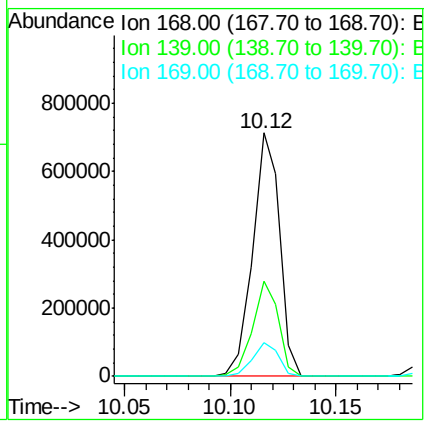


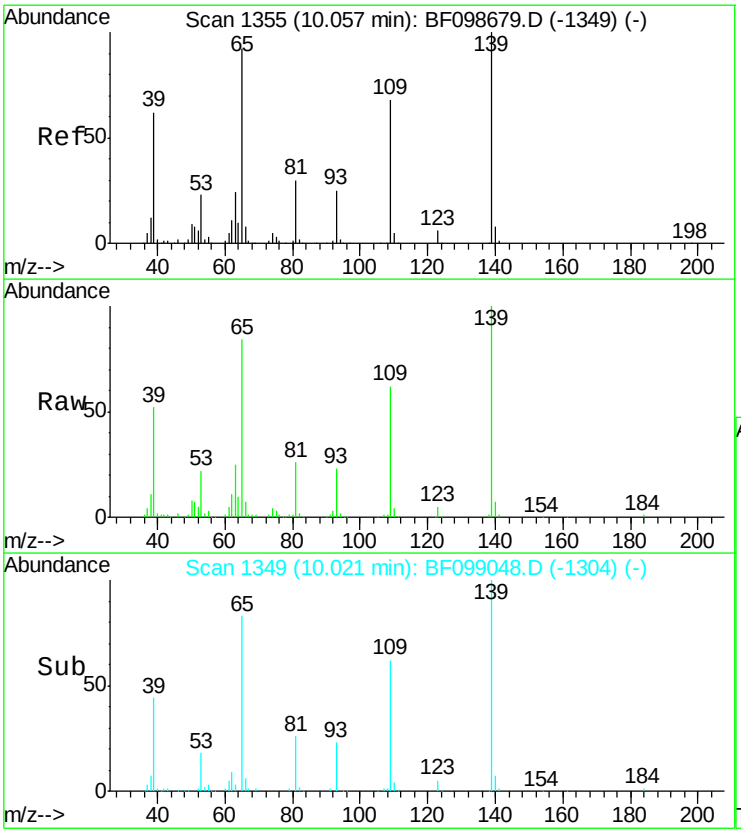

#54
Dibenzofuran
Concen: 42.60 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:168 Resp: 632632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.9 | 30.1 | 45.1 |
| 169 | 13.7 | 10.9 | 16.3 |

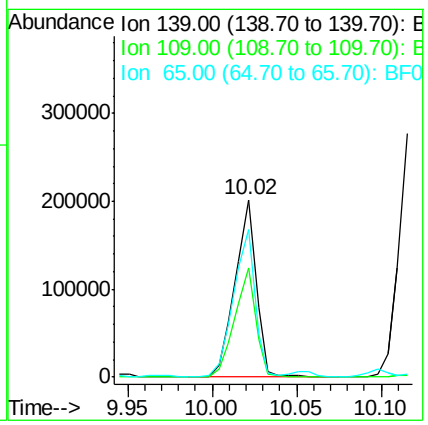


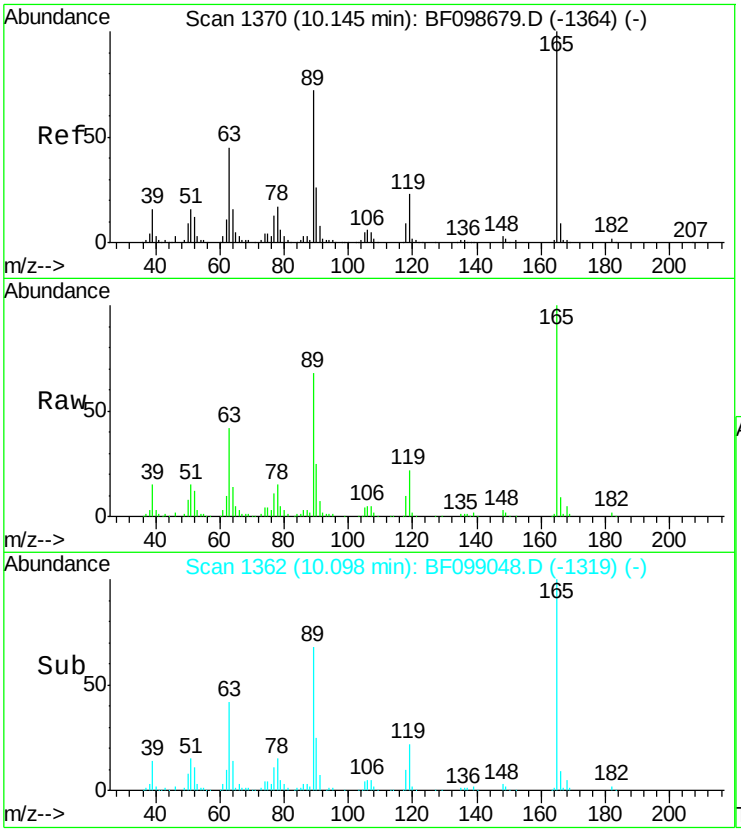




#55
4-Nitrophenol
Concen: 61.52 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:139 Resp: 177617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.6 | 48.4 | 88.4 |
| 65 | 83.6 | 72.6 | 112.6 |



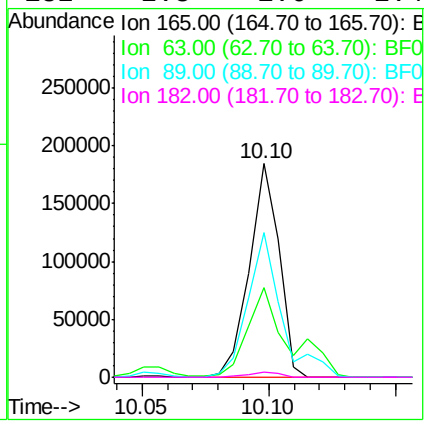


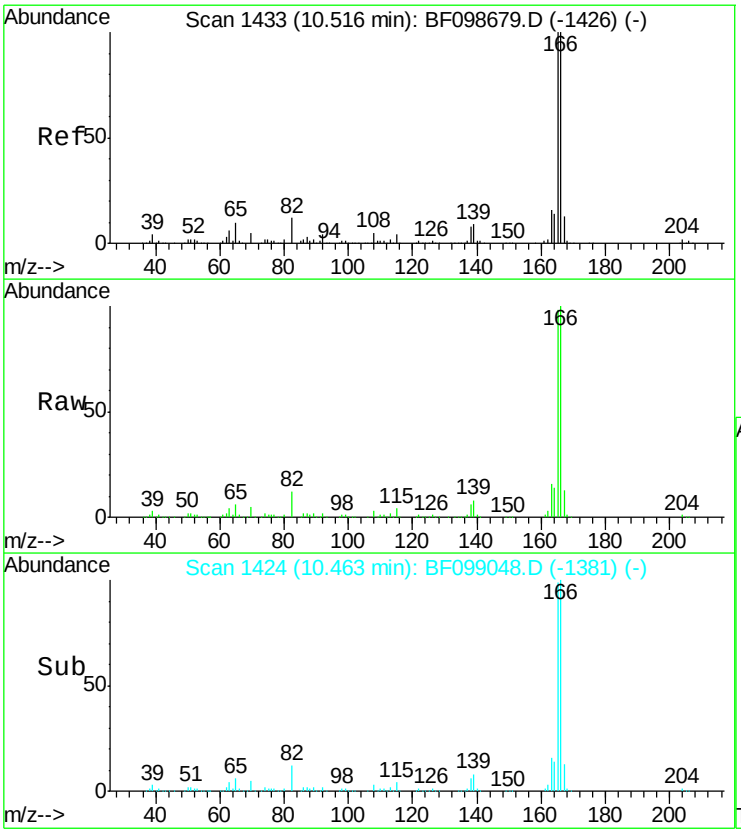

#56
2,4-Dinitrotoluene
Concen: 39.73 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:165 Resp: 150992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.1 | 36.4 | 54.6 |
| 89 | 67.8 | 57.8 | 86.6 |
| 182 | 2.3 | 1.6 | 2.4 |

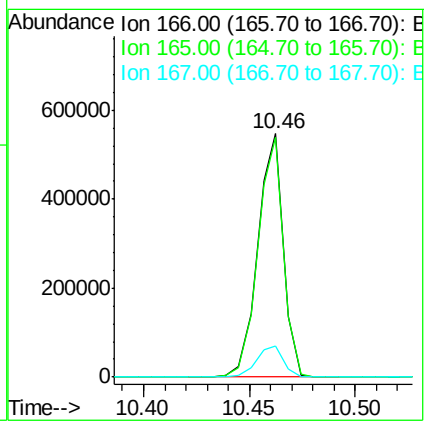


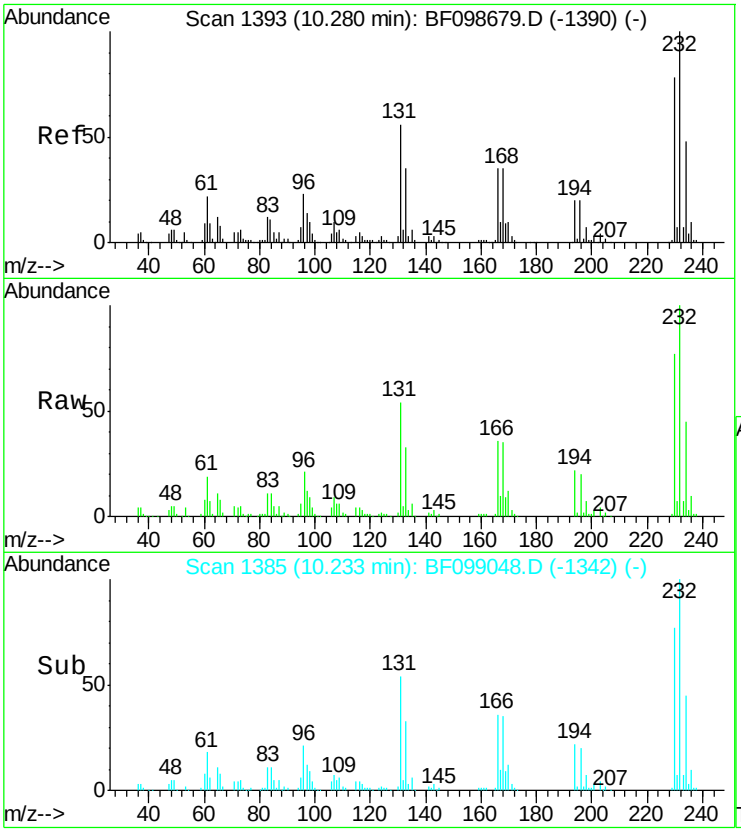




#57
Fluorene
Concen: 38.44 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:166 Resp: 458799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 79.8 | 119.8 |
| 167 | 12.9 | 10.6 | 16.0 |



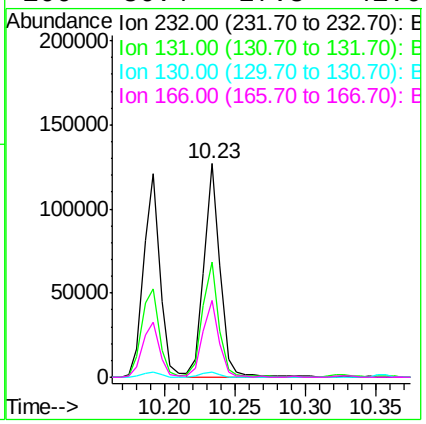


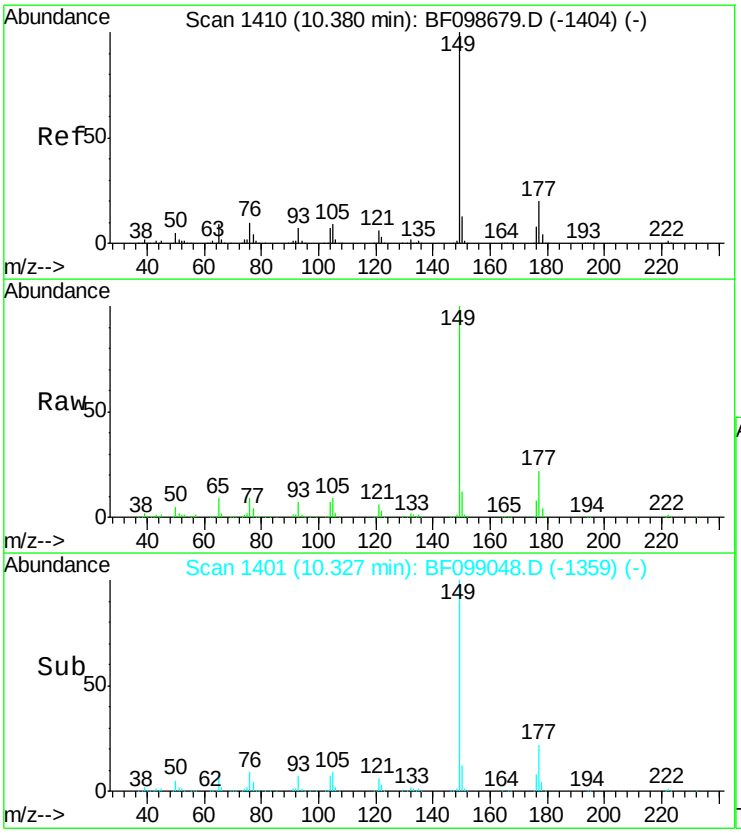

#58
2,3,4,6-Tetrachlorophenol
Concen: 38.99 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:232 Resp: 101253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.6 | 43.8 | 65.8 |
| 130 | 2.5 | 2.1 | 3.1 |
| 166 | 36.4 | 27.8 | 41.6 |

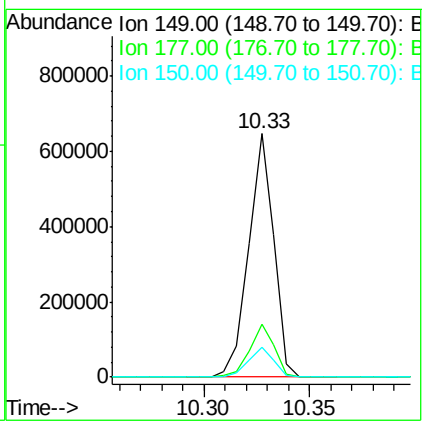


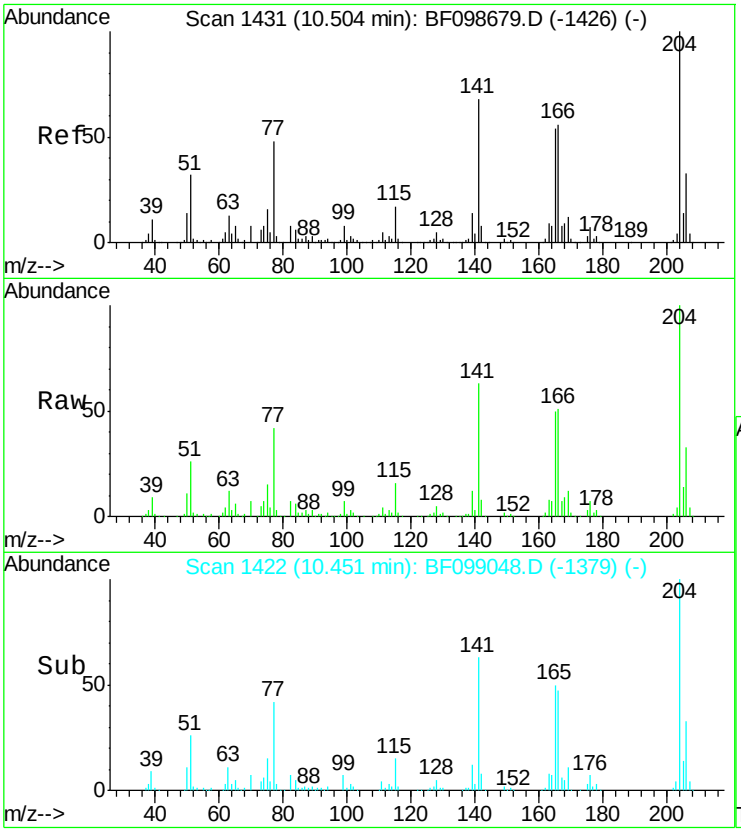




#59
Diethylphthalate
Concen: 40.79 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:149 Resp: 536204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.6 | 16.1 | 24.1 |
| 150 | 12.5 | 10.1 | 15.1 |



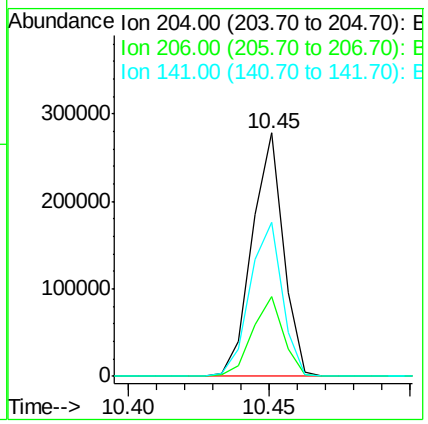


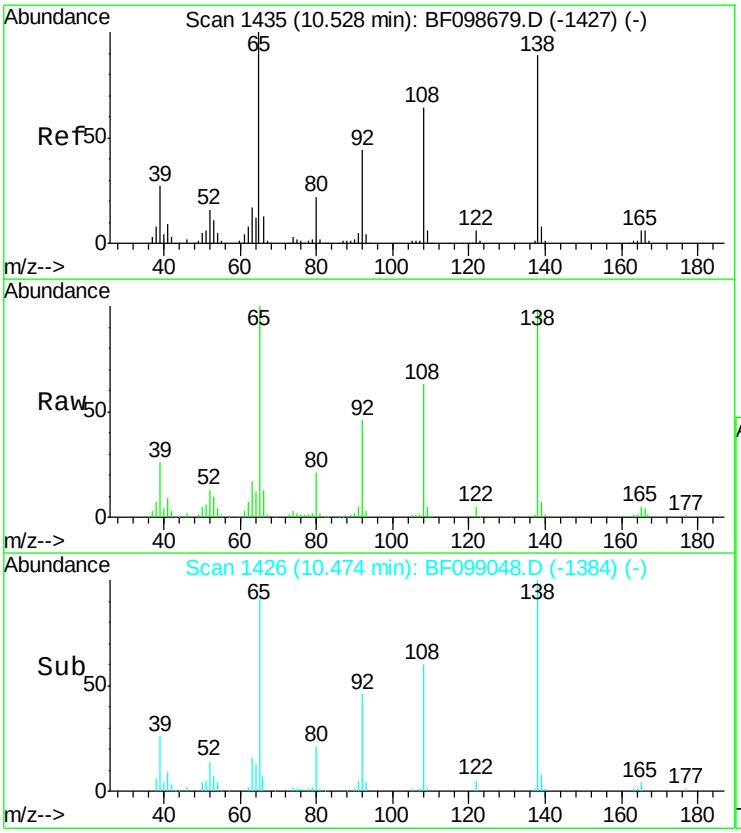

#60
4-Chlorophenyl-phenylether
Concen: 40.08 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:204 Resp: 214871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.5 | 39.7 |
| 141 | 63.1 | 54.6 | 81.8 |

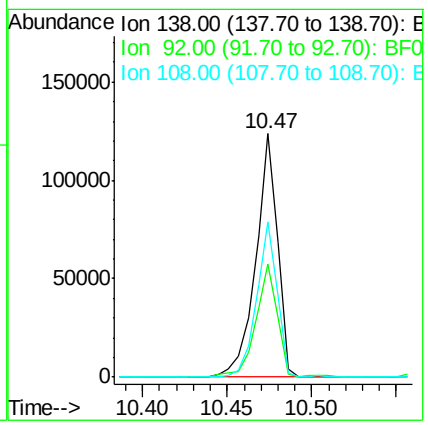


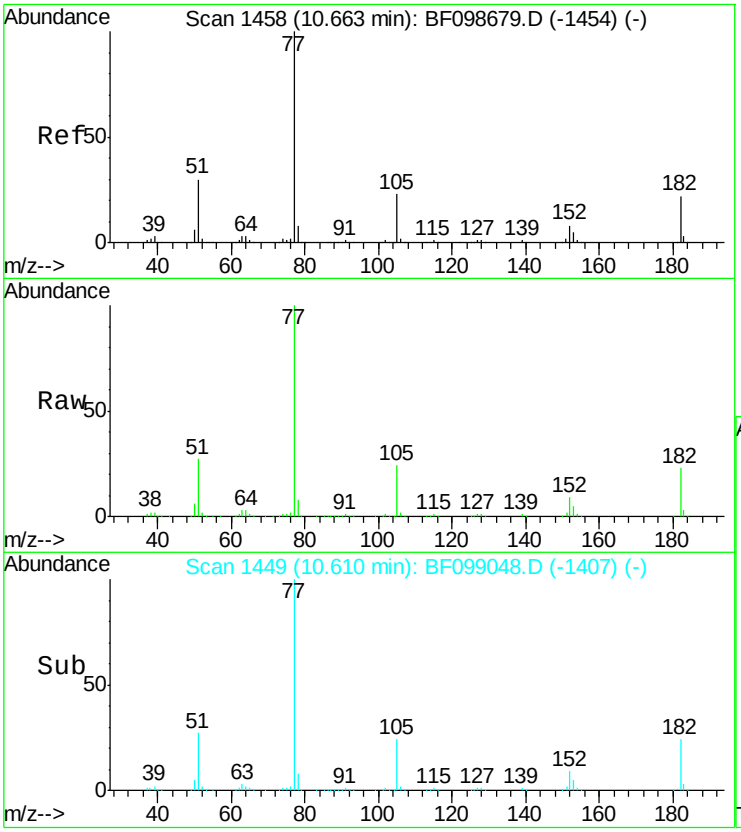




#61
4-Nitroaniline
Concen: 33.81 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:138 Resp: 111366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.4 | 30.2 | 70.2 |
| 108 | 63.6 | 52.5 | 92.5 |



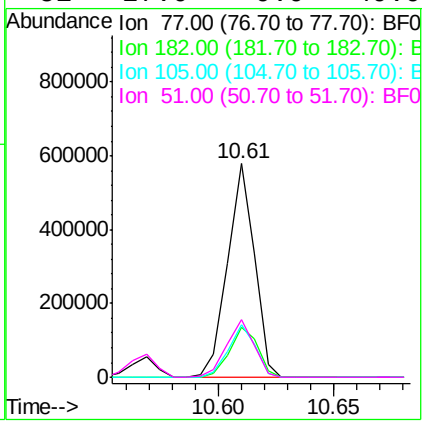


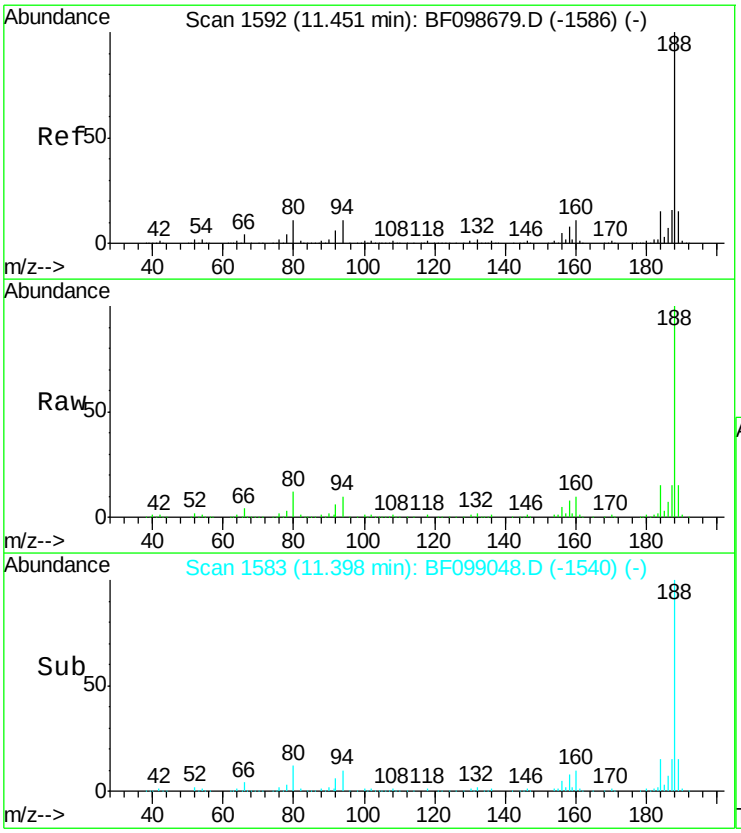

#62
Azobenzene
Concen: 38.82 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion: 77 Resp: 469195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.5 | 1.7 | 41.7 |
| 105 | 24.5 | 3.0 | 43.0 |
| 51 | 27.0 | 9.9 | 49.9 |

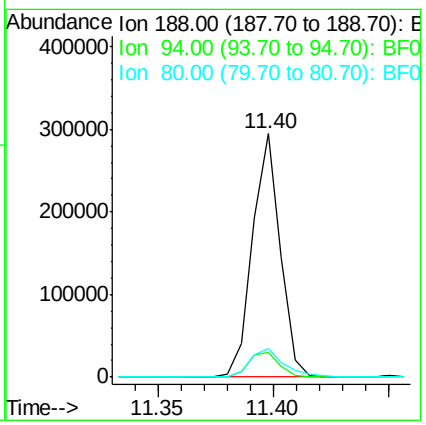


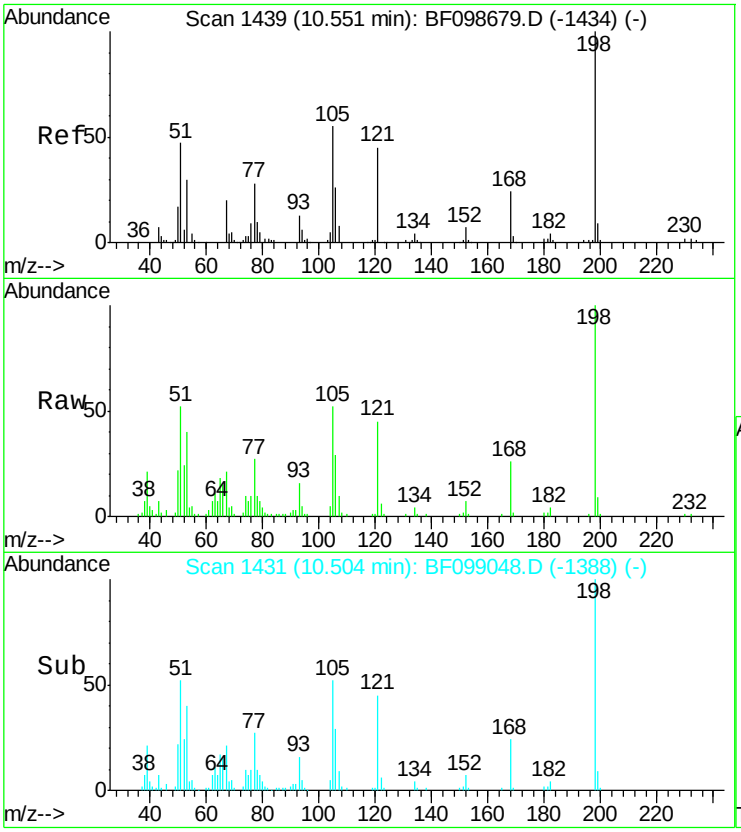




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:188 Resp: 246176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 8.5 | 12.7 |
| 80 | 11.6 | 9.2 | 13.8 |



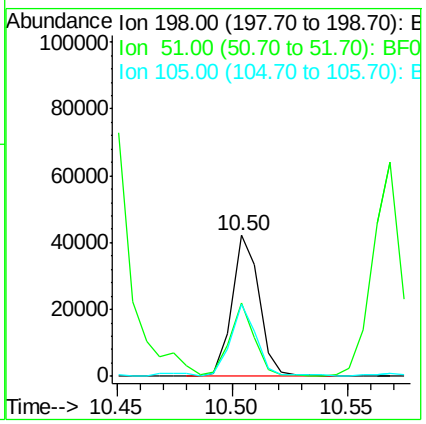


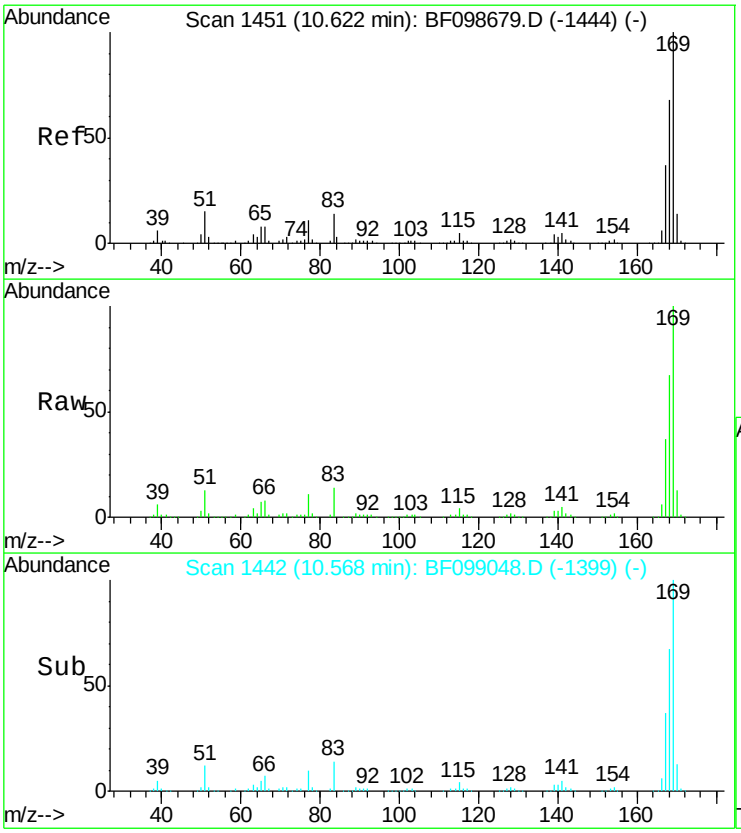

#64
4,6-Dinitro-2-methylphenol
Concen: 23.27 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:198 Resp: 34854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 51.8 | 37.7 | 77.7 |
| 105 | 51.5 | 36.3 | 76.3 |

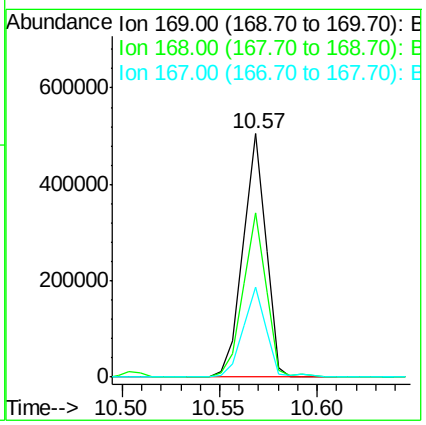


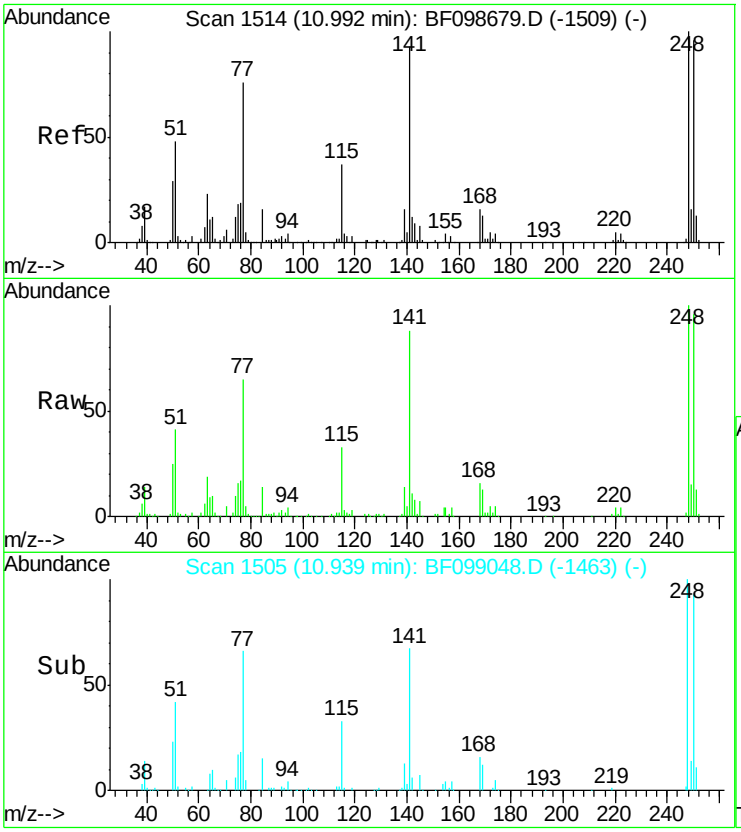




#65
n-Nitrosodiphenylamine
Concen: 48.52 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:169 Resp: 413801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 54.4 | 81.6 |
| 167 | 37.2 | 29.8 | 44.6 |



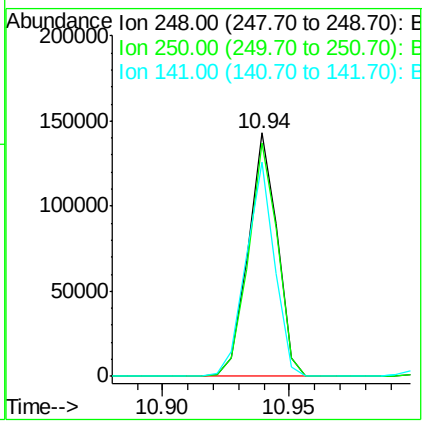


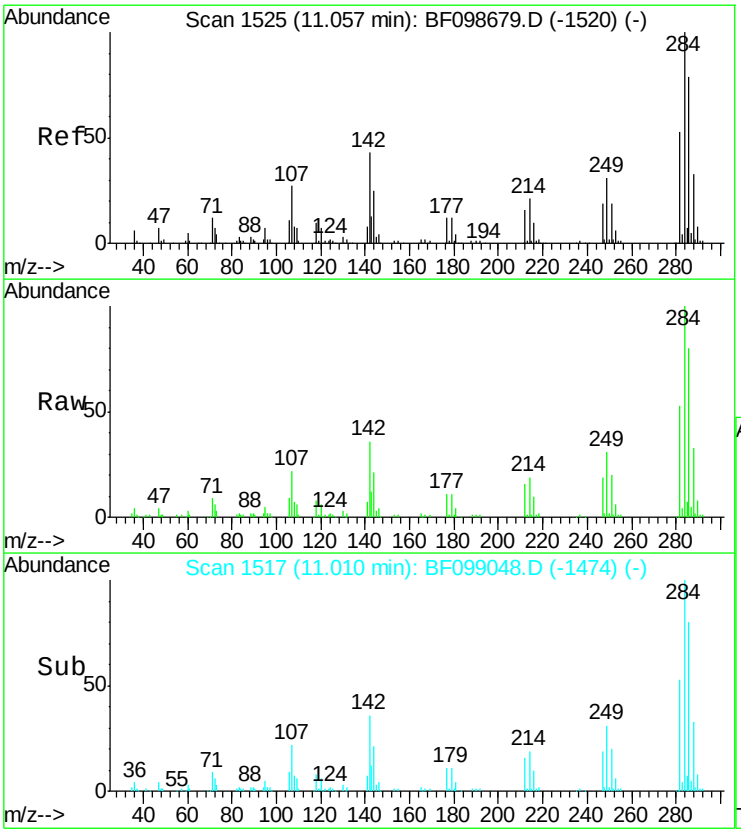

#66
4-Bromophenyl-phenylether
Concen: 47.33 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:248 Resp: 114053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 76.9 | 115.3 |
| 141 | 87.9 | 74.4 | 111.6 |

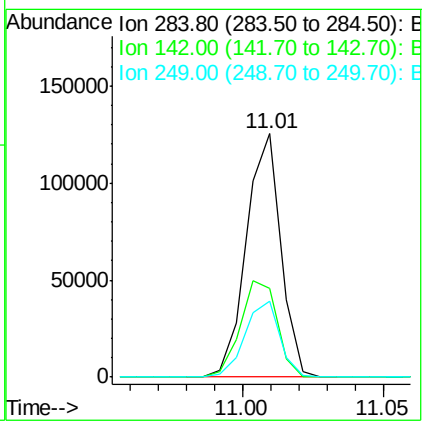


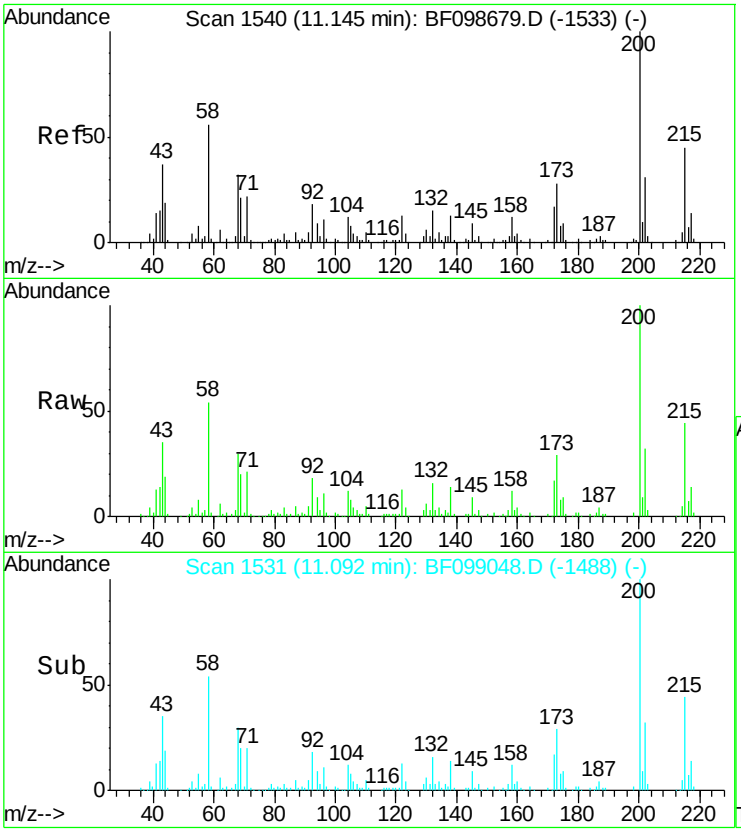




#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:284 Resp: 106171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.5 | 34.6 | 52.0 |
| 249 | 31.1 | 24.8 | 37.2 |



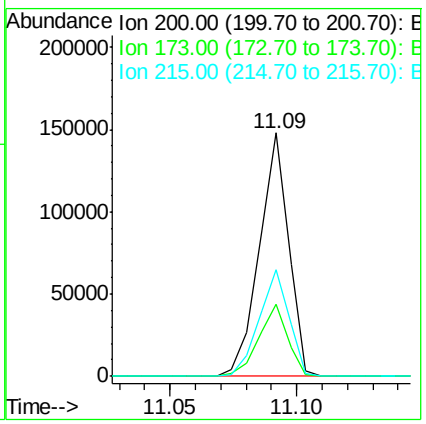


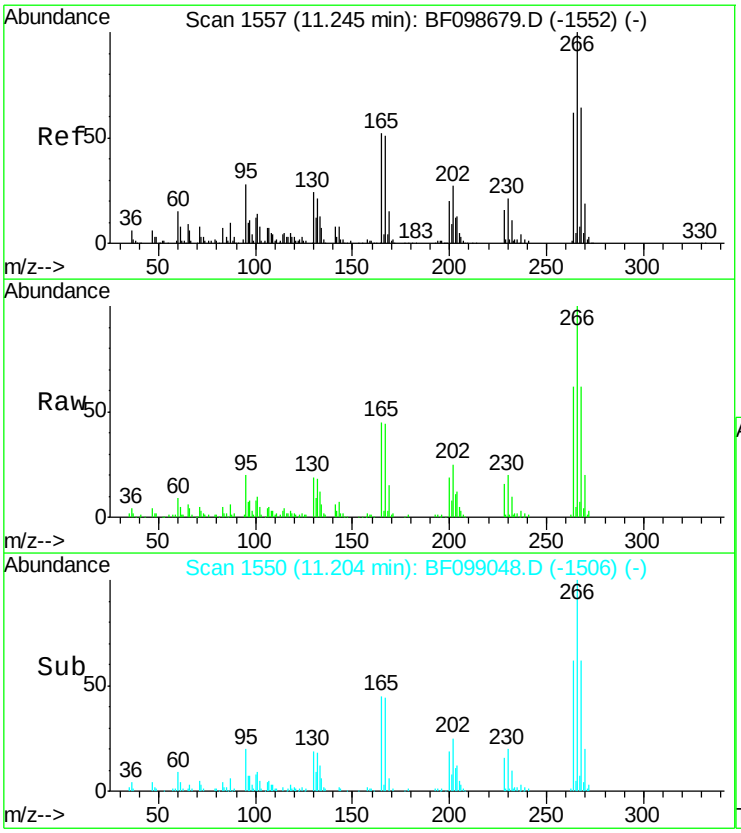

#68
Atrazine
Concen: 46.60 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:200 Resp: 119558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.5 | 8.6 | 48.6 |
| 215 | 43.9 | 25.1 | 65.1 |

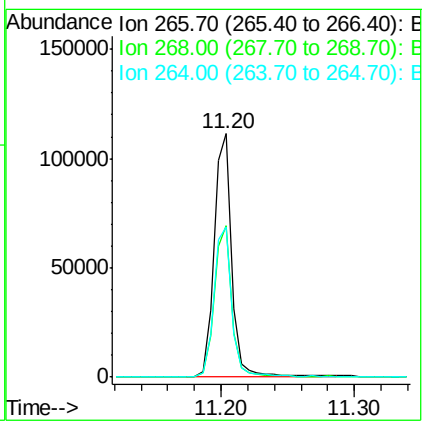


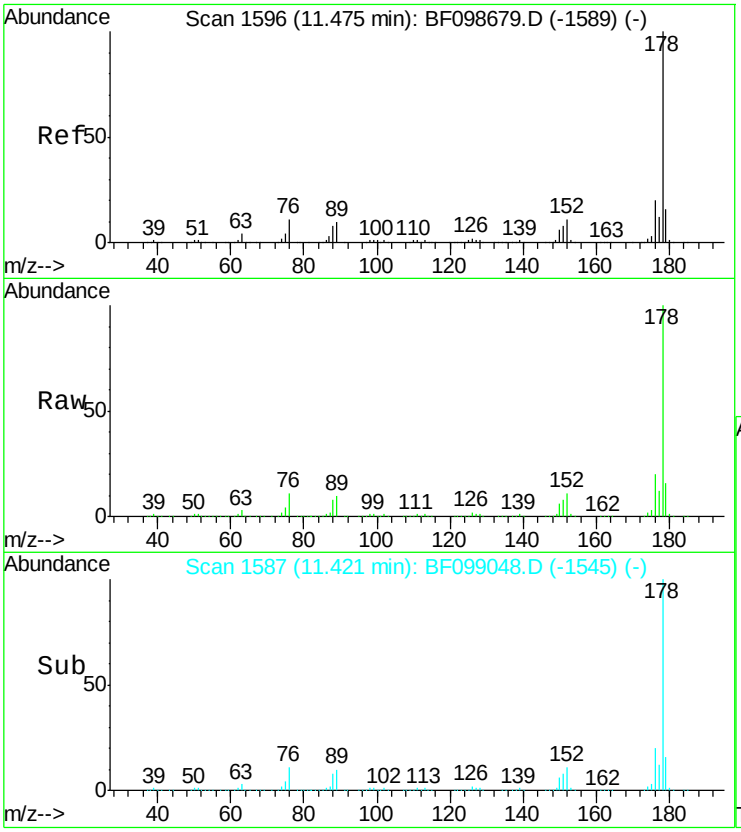




#69
Pentachlorophenol
Concen: 65.15 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:266 Resp: 104350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.3 | 51.1 | 76.7 |
| 264 | 61.7 | 49.5 | 74.3 |



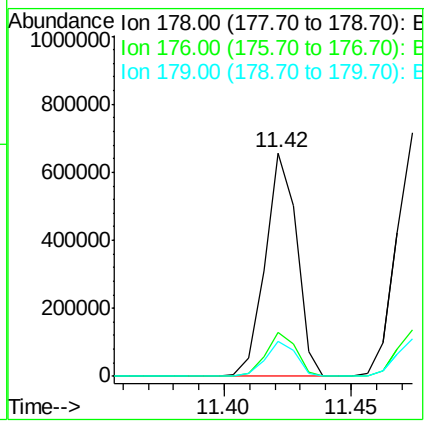


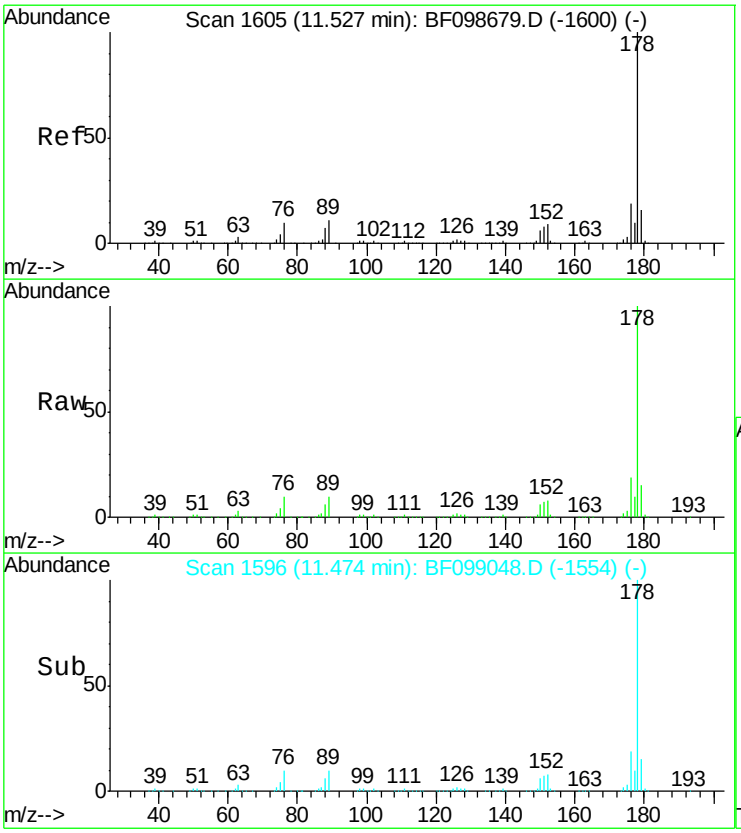

#70
Phenanthrene
Concen: 42.96 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:178 Resp: 566090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.8 | 23.8 |
| 179 | 15.9 | 13.0 | 19.6 |

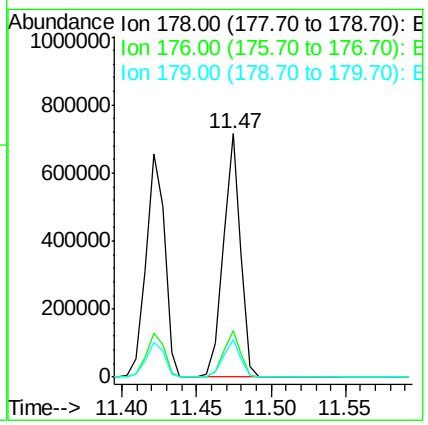


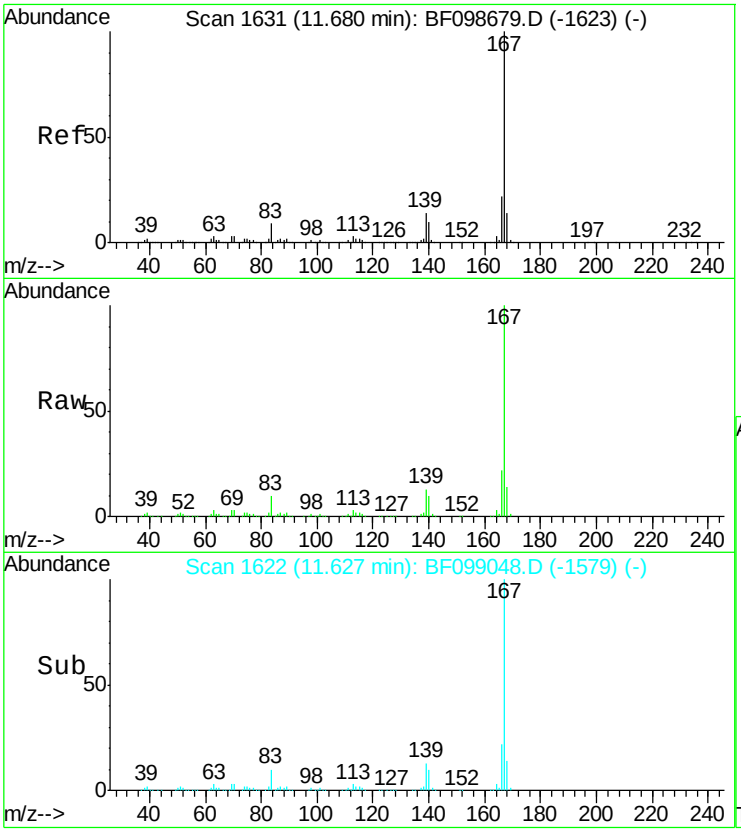




#71
Anthracene
Concen: 43.12 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:178 Resp: 581404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.4 | 23.2 |
| 179 | 15.3 | 12.6 | 19.0 |



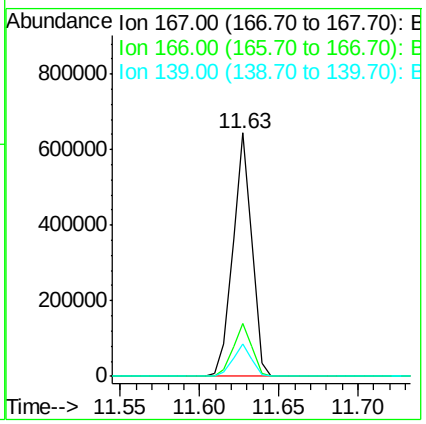


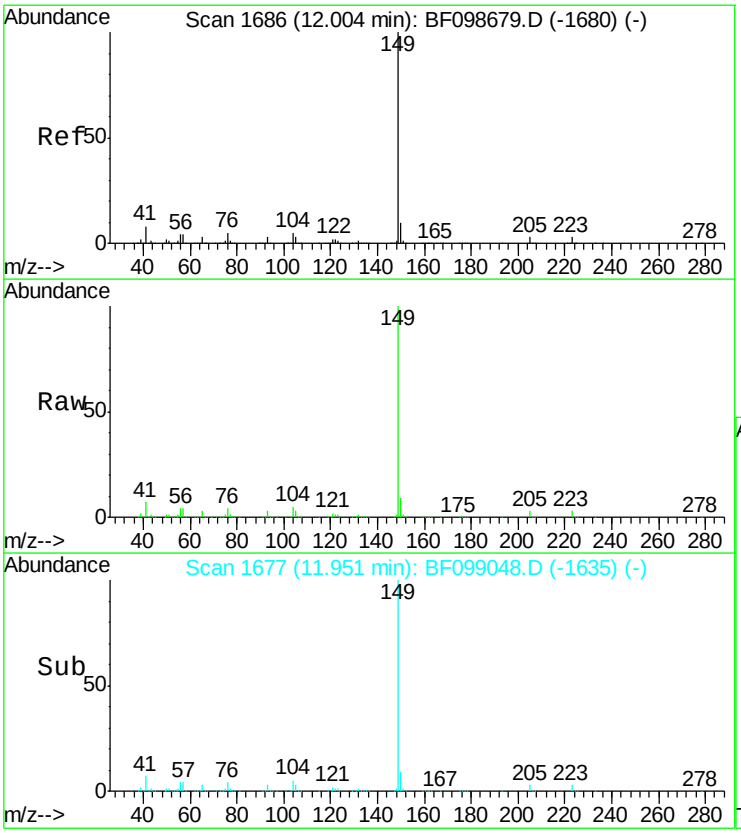

#72
Carbazole
Concen: 40.22 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:167 Resp: 531057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.6 | 26.4 |
| 139 | 13.5 | 10.9 | 16.3 |

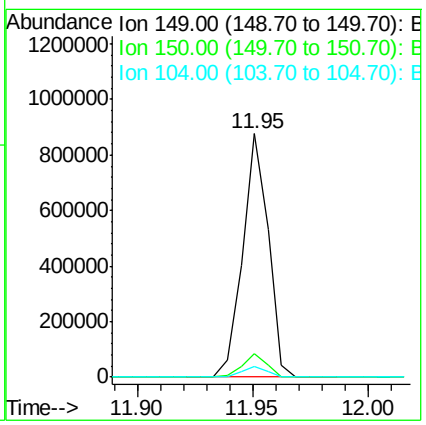


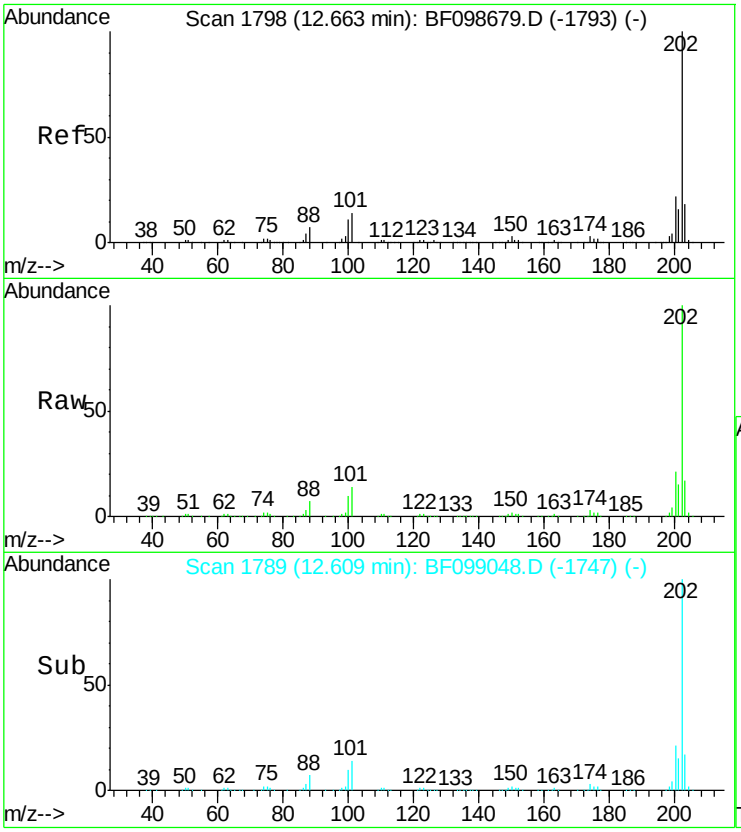




#73
Di-n-butylphthalate
Concen: 42.75 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:149 Resp: 679317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.6 | 3.8 | 5.8 |



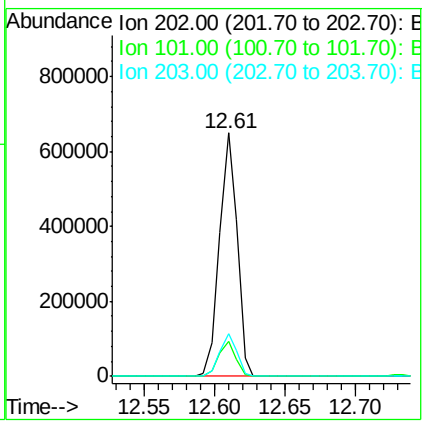


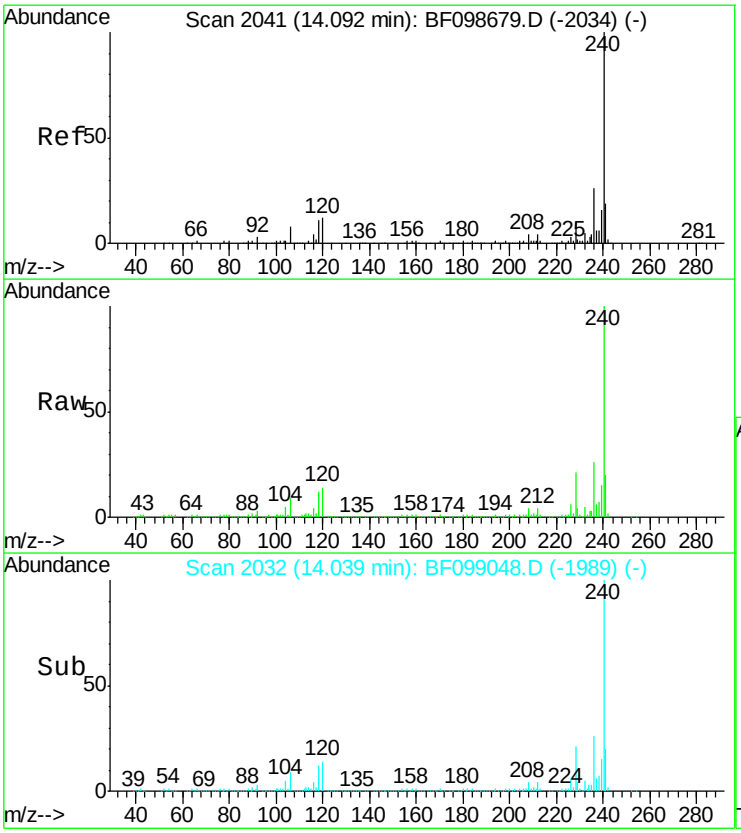

#74
Fluoranthene
Concen: 42.33 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:202 Resp: 564810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.2 | 0.0 | 34.1 |
| 203 | 17.4 | 0.0 | 38.1 |

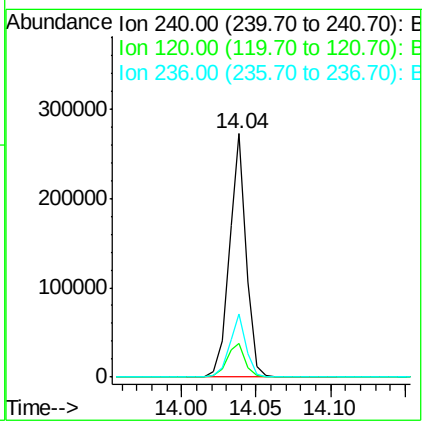


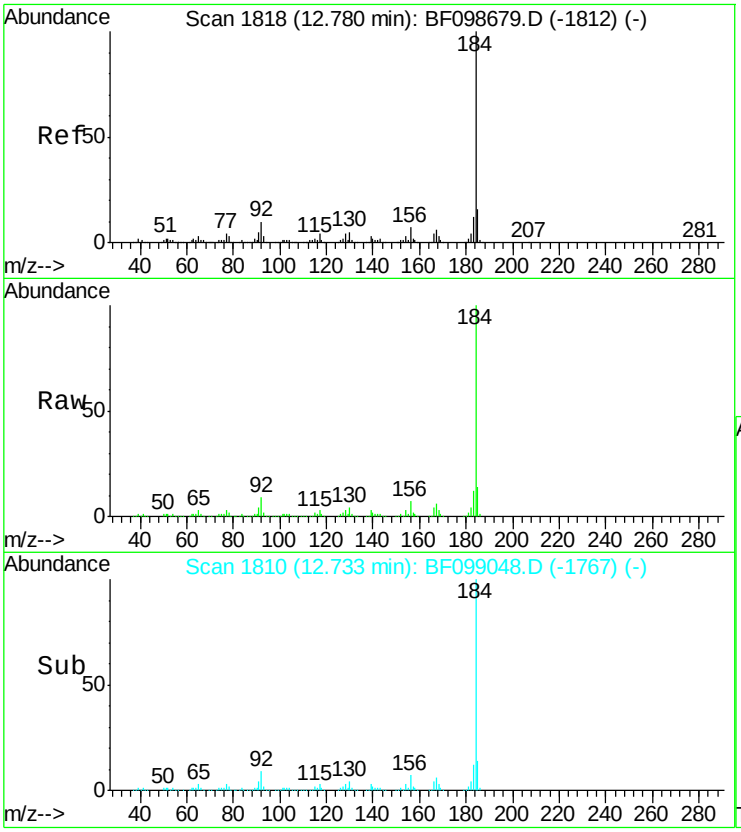




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:240 Resp: 216051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 9.5 | 14.3 |
| 236 | 26.2 | 20.7 | 31.1 |



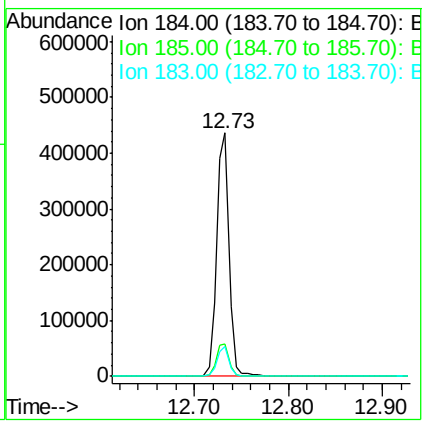


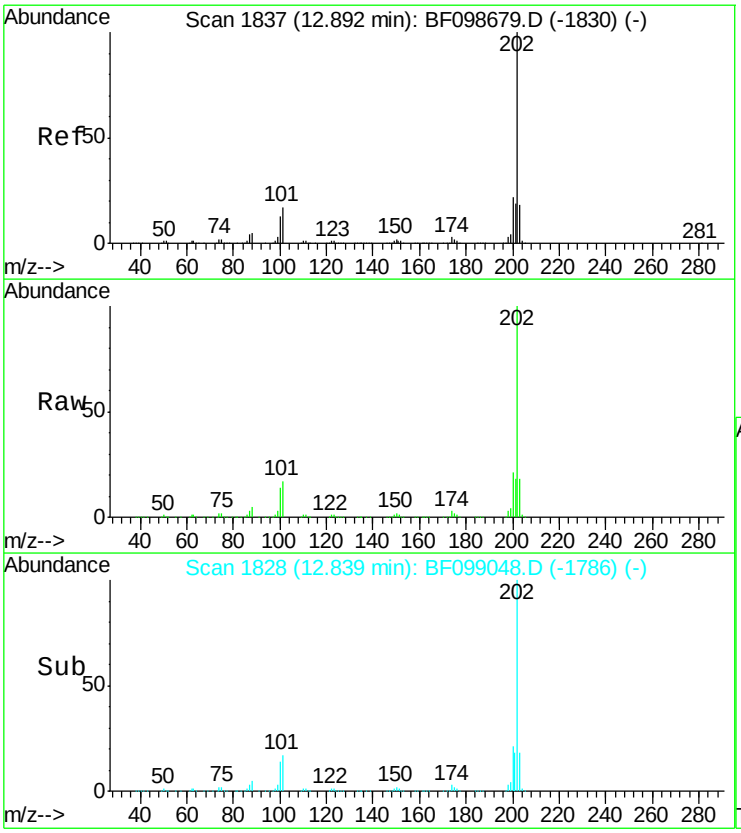

#76
Benzidine
Concen: 50.82 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:184 Resp: 406080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.5 | 12.6 | 18.8 |
| 183 | 12.2 | 9.3 | 13.9 |

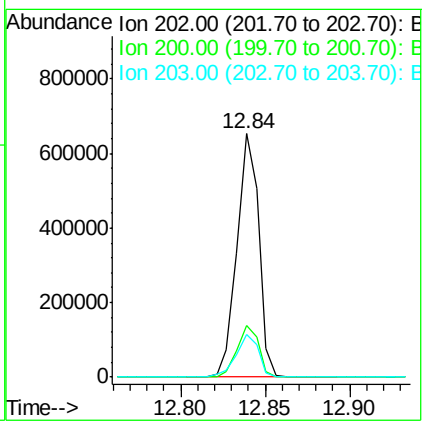


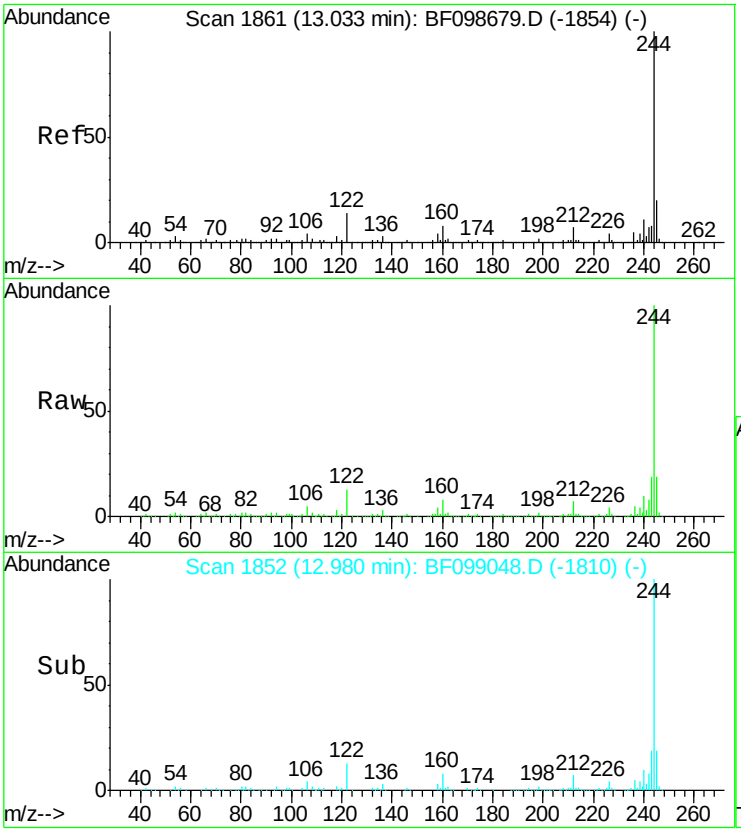




#77
Pyrene
Concen: 35.47 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:202 Resp: 584362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.4 | 26.2 |
| 203 | 17.8 | 14.3 | 21.5 |



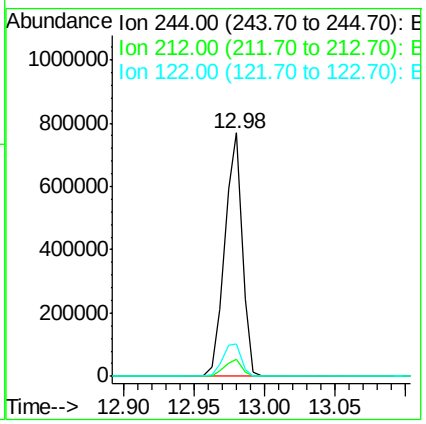


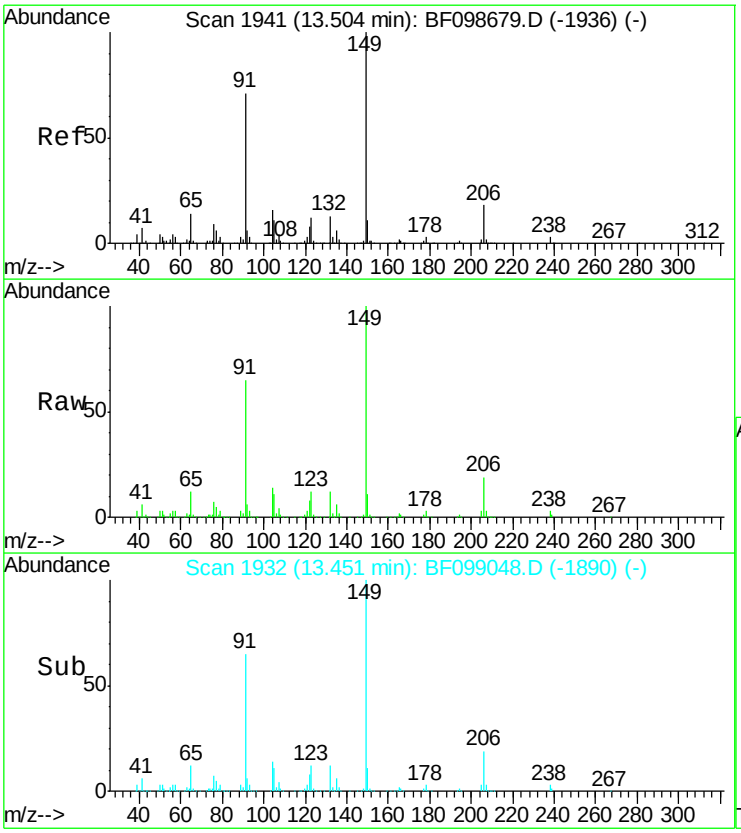

#78
Terphenyl-d14
Concen: 69.30 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:244 Resp: 658372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.4 | 8.0 |
| 122 | 13.5 | 11.0 | 16.4 |

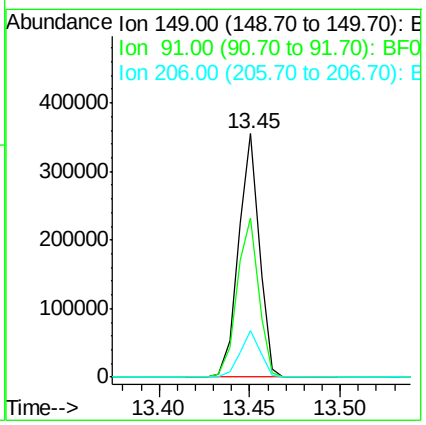


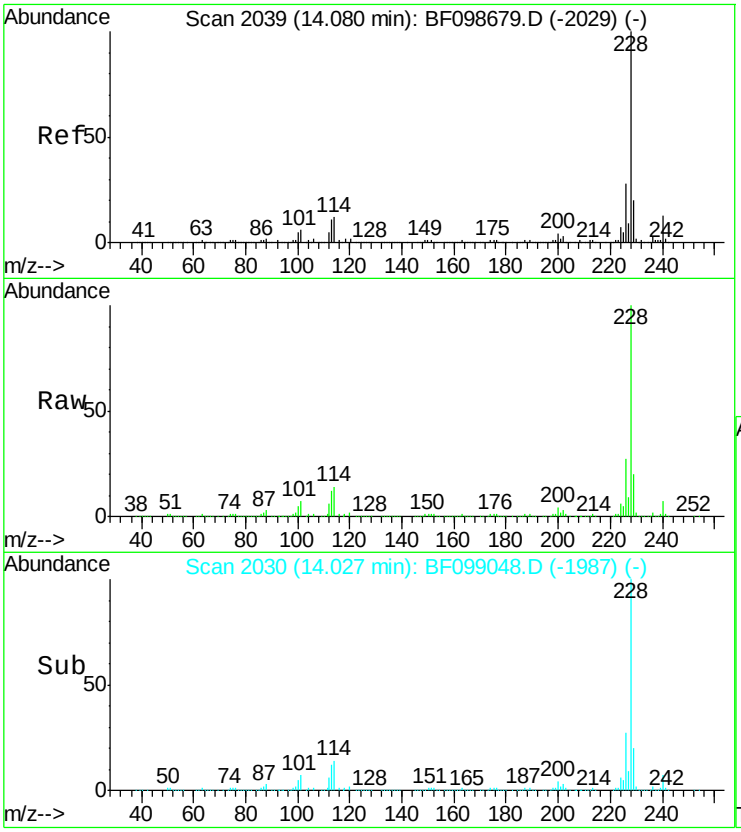




#79
Butylbenzylphthalate
Concen: 36.36 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:149 Resp: 281548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.2 | 56.8 | 85.2 |
| 206 | 19.0 | 14.1 | 21.1 |



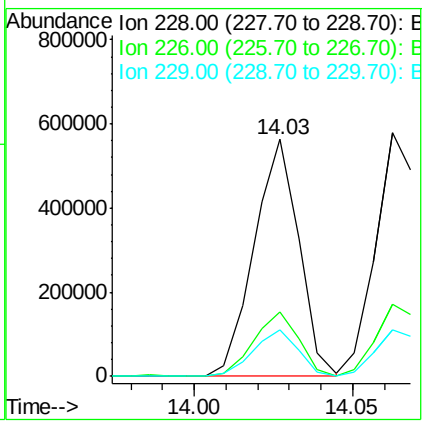


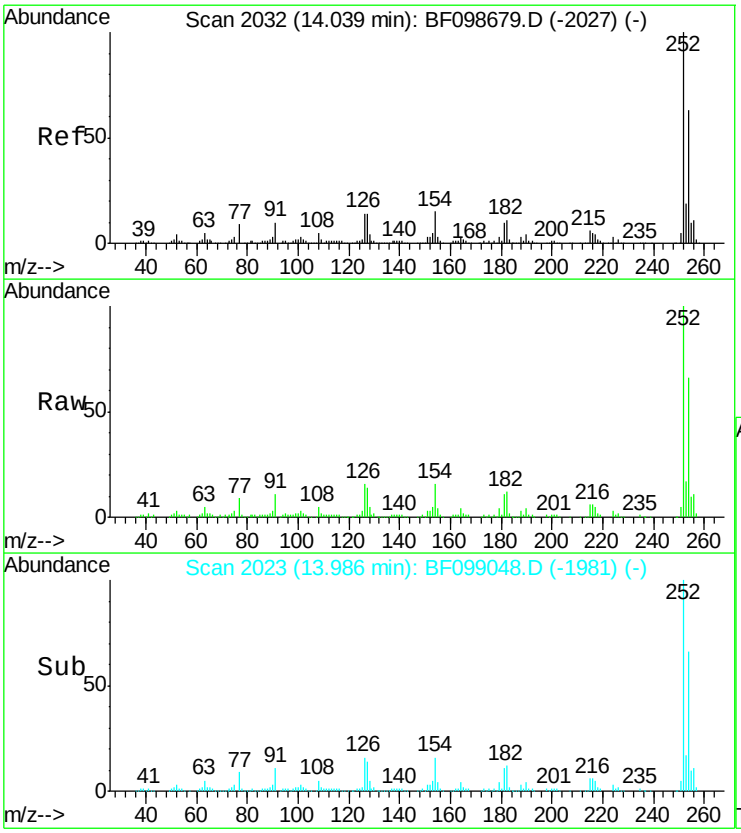

#80
Benzo(a)anthracene
Concen: 42.22 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:228 Resp: 552405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 22.6 | 33.8 |
| 229 | 19.9 | 15.8 | 23.6 |

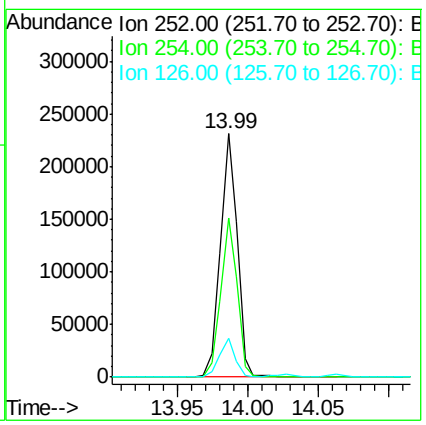


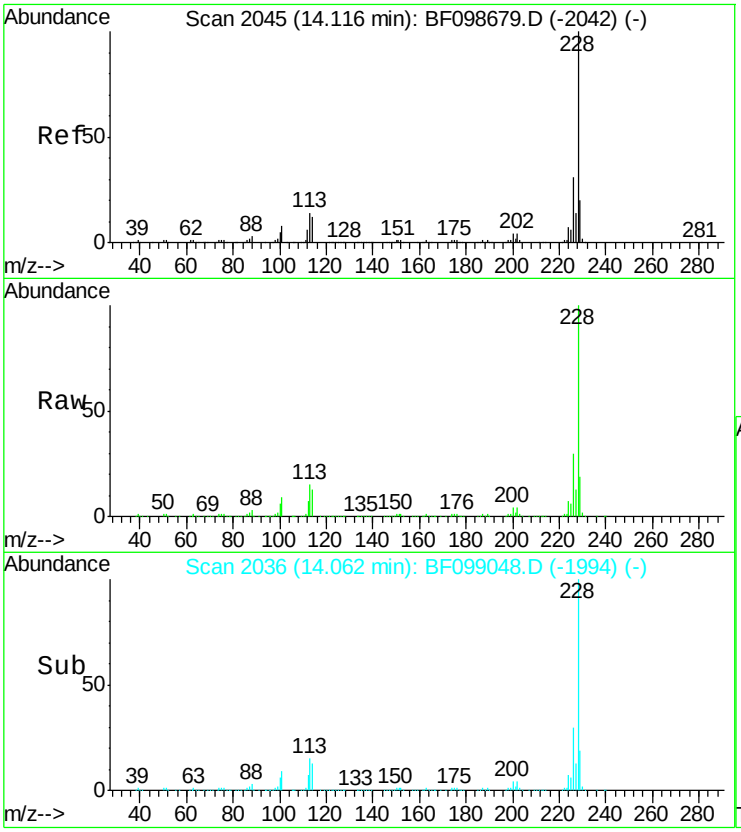




#81
3,3'-Dichlorobenzidine
Concen: 40.05 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:252 Resp: 192073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.6 | 50.4 | 75.6 |
| 126 | 15.7 | 11.3 | 16.9 |



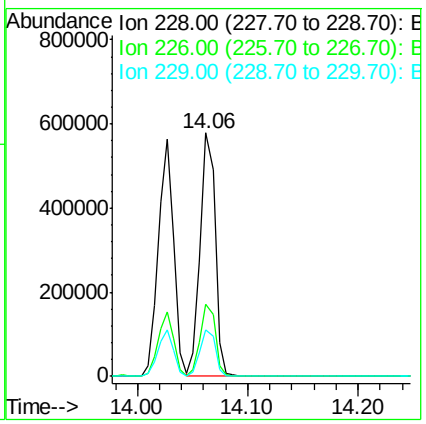


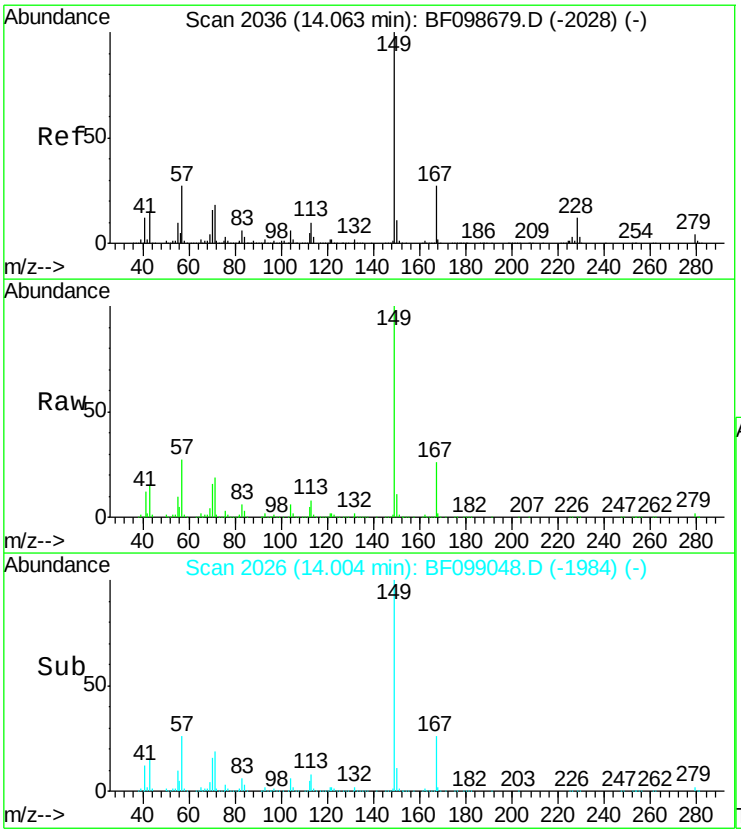

#82
Chrysene
Concen: 42.45 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:228 Resp: 528731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 25.0 | 37.6 |
| 229 | 19.3 | 16.2 | 24.4 |

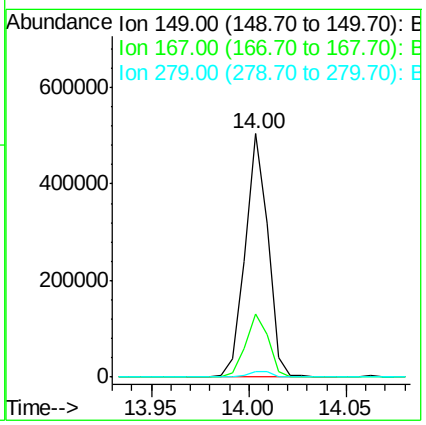


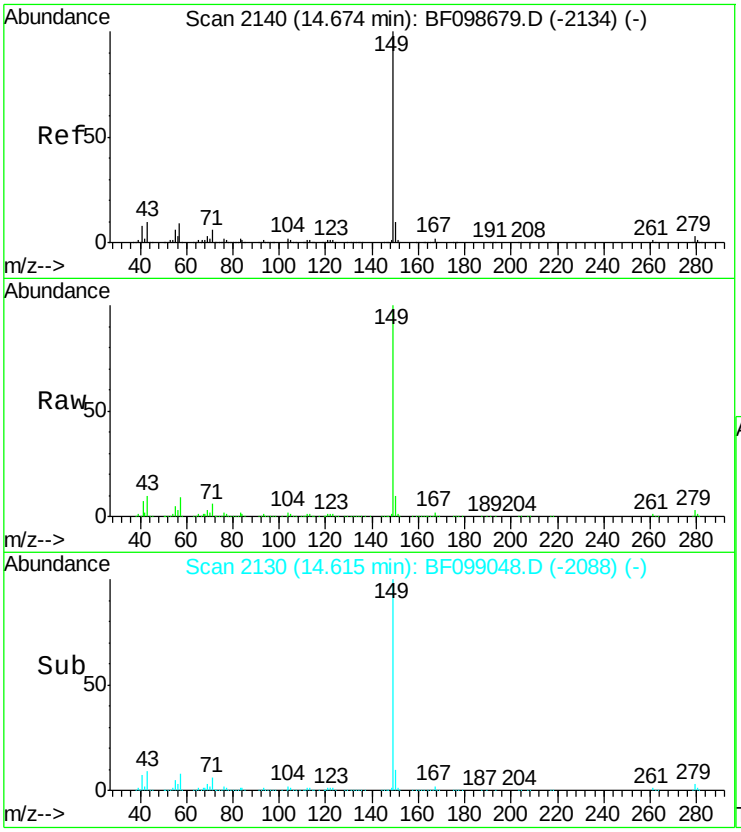




#83
Bis(2-ethylhexyl)phthalate
Concen: 38.05 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:149 Resp: 405643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 21.3 | 31.9 |
| 279 | 2.5 | 3.0 | 4.4# |



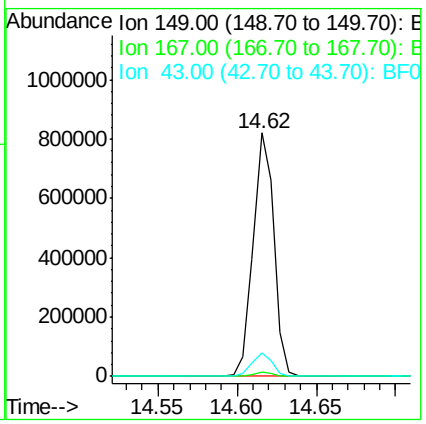


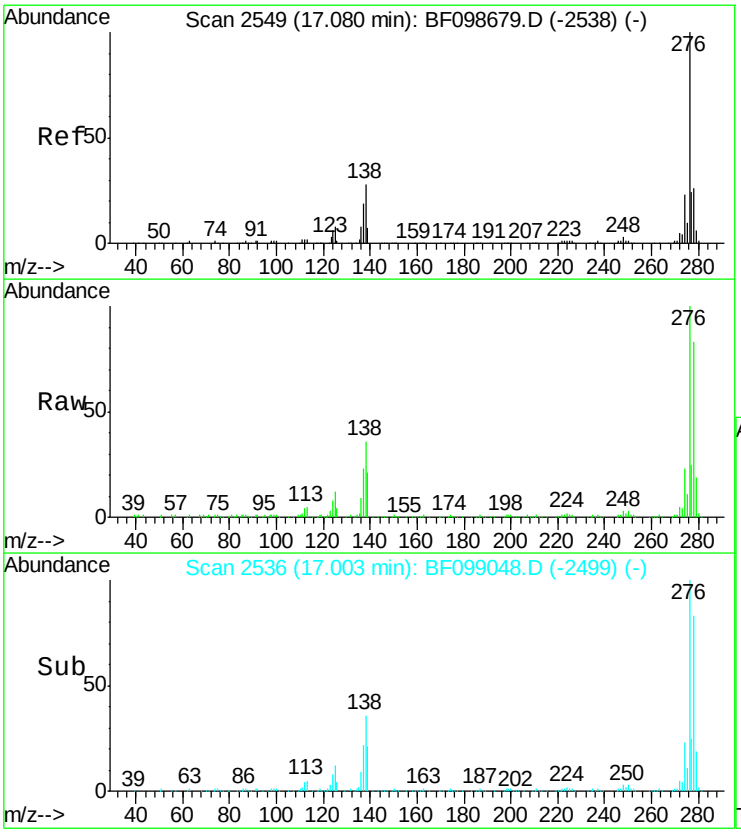

#84
Di-n-octyl phthalate
Concen: 43.45 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.05 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:149 Resp: 745846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 9.0 | 8.4 | 12.6 |

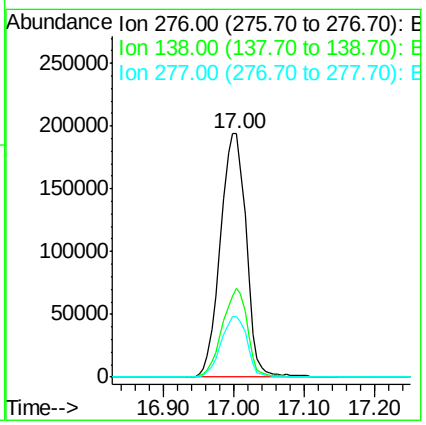


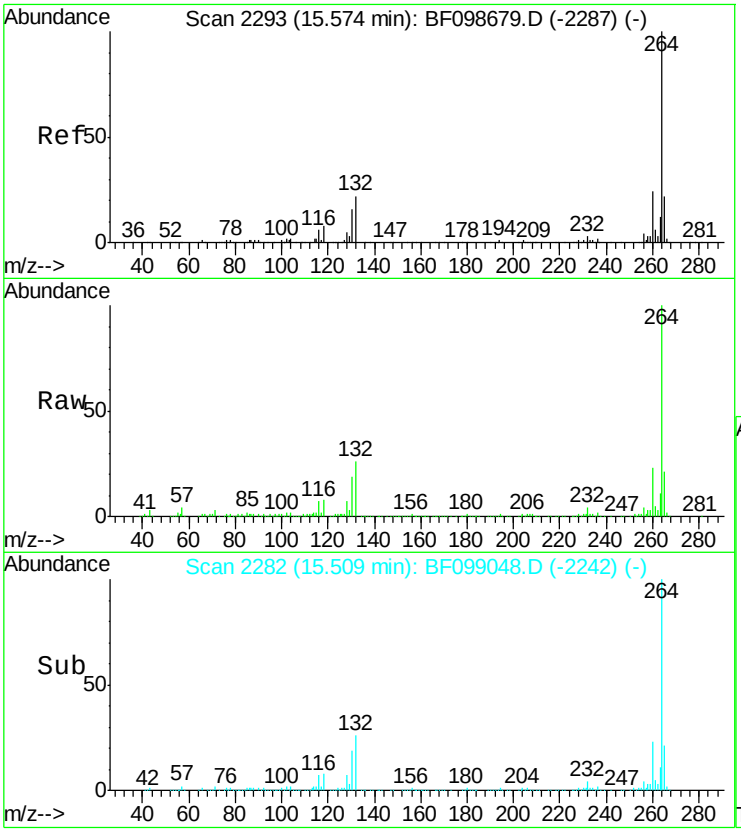




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.57 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.08 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:276 Resp: 493839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 35.6 | 25.0 | 37.6 |
| 277 | 25.3 | 20.1 | 30.1 |



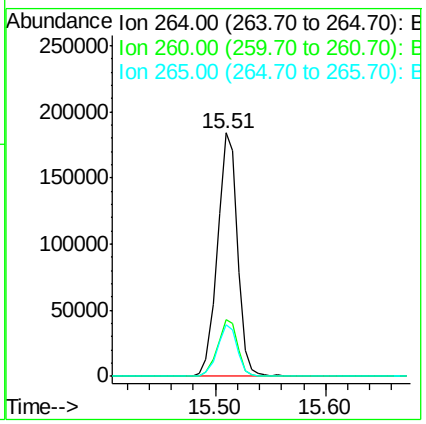


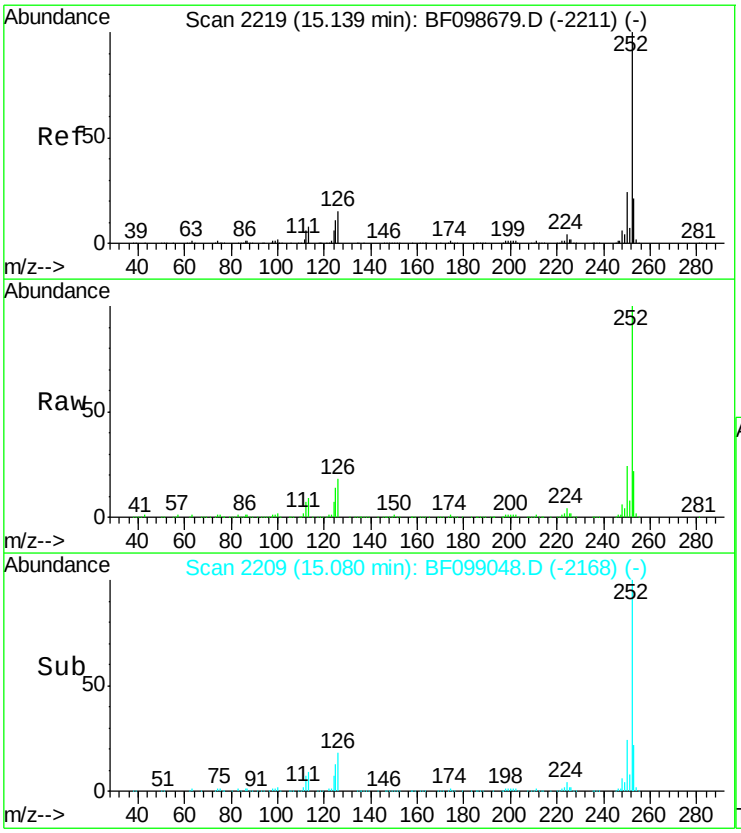

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:264 Resp: 232155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.2 | 28.8 |
| 265 | 21.1 | 17.5 | 26.3 |

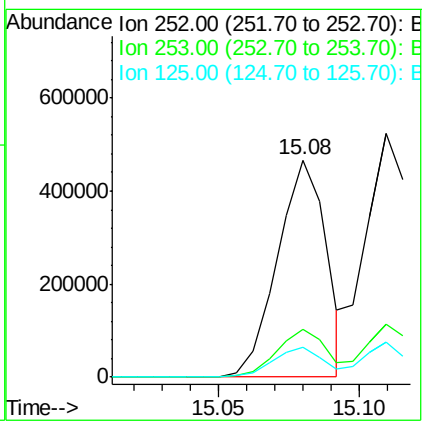


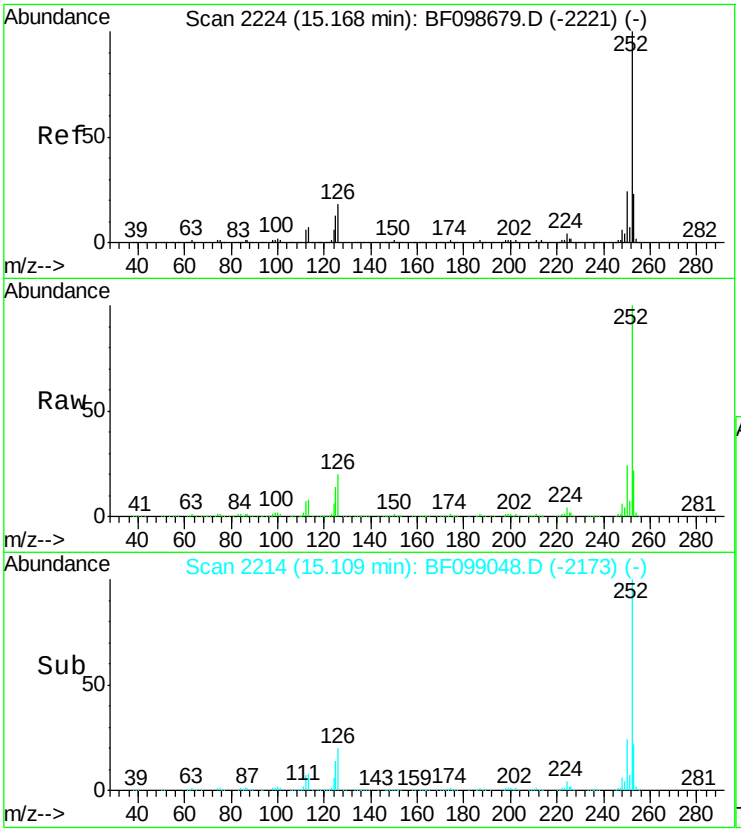




#87
Benzo(b)fluoranthene
Concen: 39.15 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:252 Resp: 558852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.0 | 25.6 |
| 125 | 13.6 | 9.0 | 13.6# |



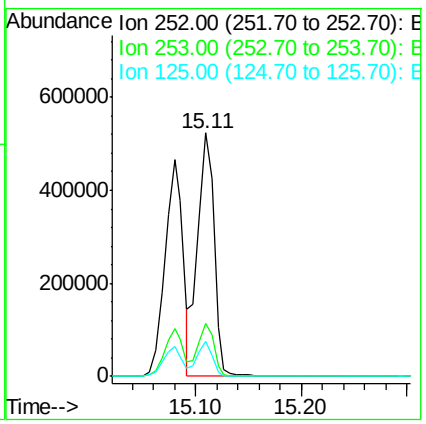


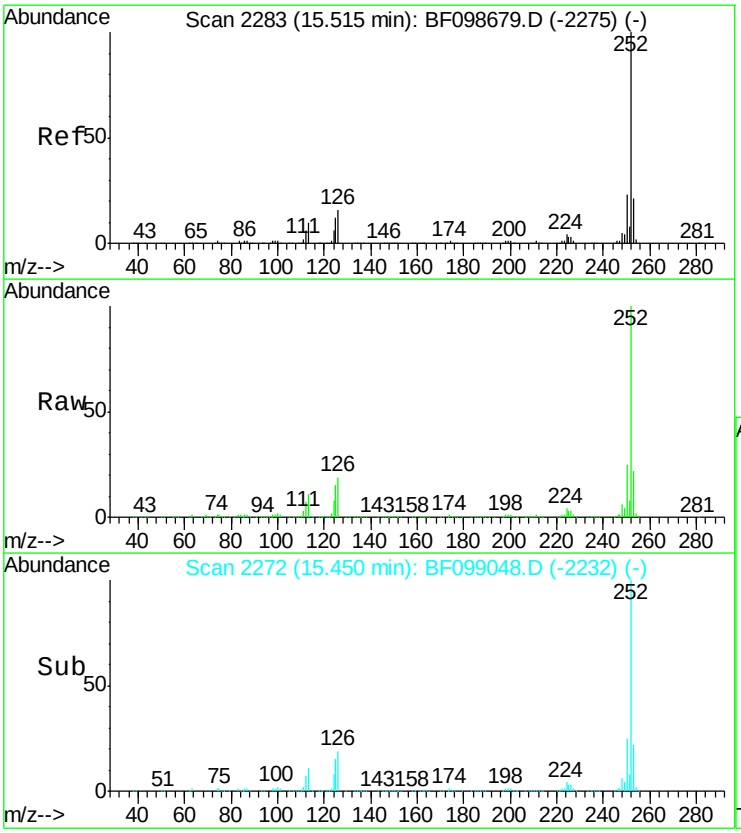

#88
Benzo(k)fluoranthene
Concen: 39.95 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:252 Resp: 563207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.9 | 26.9 |
| 125 | 14.4 | 10.2 | 15.2 |

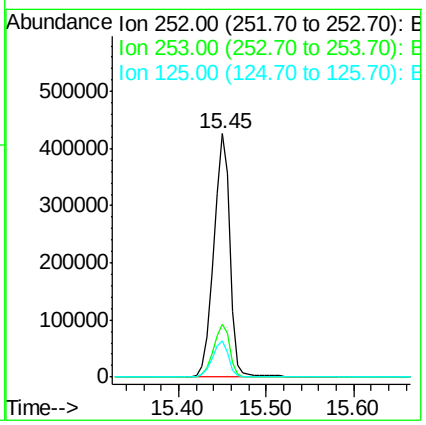


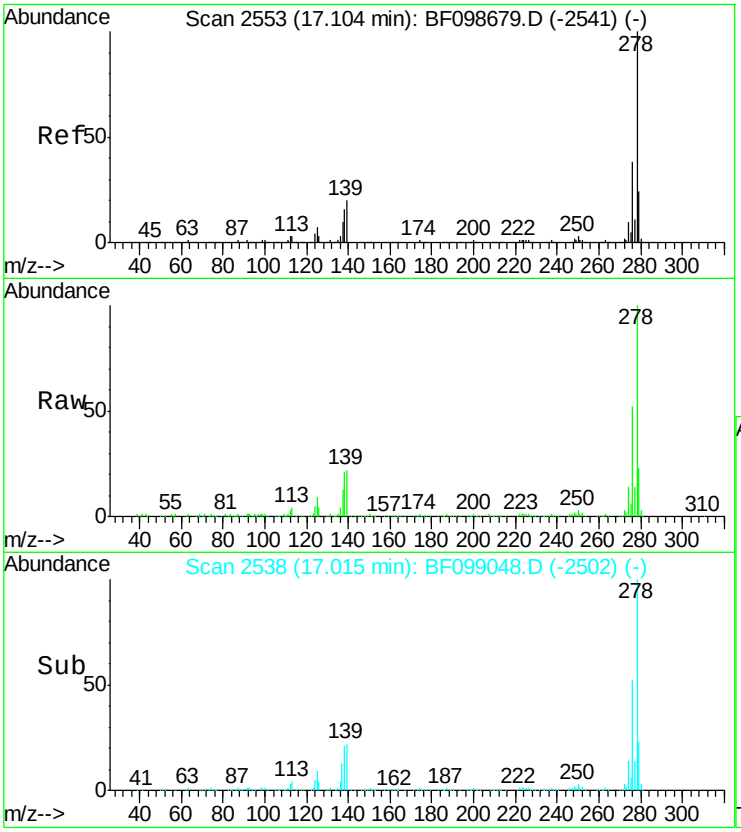




#89
Benzo(a)pyrene
Concen: 41.77 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.06 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:252 Resp: 547237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.1 | 25.7 |
| 125 | 14.9 | 9.8 | 14.6# |



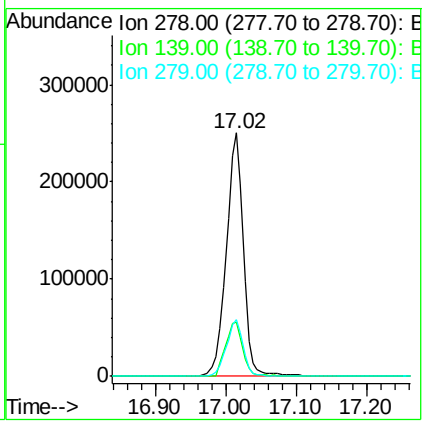


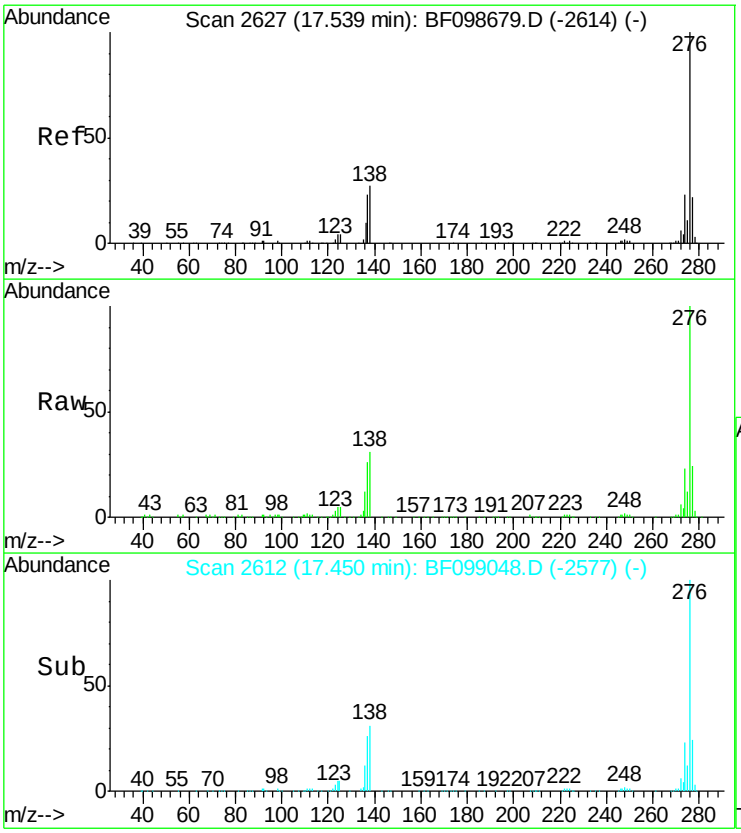

#90
Dibenzo(a,h)anthracene
Concen: 40.36 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.09 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

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

Tgt Ion:278 Resp: 423211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.1 | 15.9 | 23.9 |
| 279 | 23.4 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 37.20 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.09 min
Lab File: BF099048.D
Acq: 3 Oct 2017 23:35

Tgt Ion:276 Resp: 385576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 17.9 | 26.9 |
| 138 | 30.5 | 21.8 | 32.8 |