Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099483.D
Acq On : 14 Oct 2017 18:12
Operator : SJ/JU
Sample : I5869-12MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-10-10-11-17MS

Quant Time: Oct 15 00:09:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 100533 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 413389 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 182897 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 311830 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 167597 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 158587 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 442150 | 70.01 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 336305 | 43.17 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 642936 | 99.74 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 209489 | 139.98 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.21 | 172 | 1153905 | 105.32 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.96 | 244 | 841809 | 114.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.66 | 88 | 46924 | 15.55 | ng | | 97 |
| 3) Pyridine | 3.49 | 79 | 85099 | 10.43 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.39 | 42 | 49645 | 14.35 | ng | | 79 |
| 6) Aniline | 6.52 | 93 | 165390 | 15.73 | ng | | 98 |
| 8) 2-Chlorophenol | 6.65 | 128 | 257481 | 36.00 | ng | | 92 |
| 9) Benzaldehyde | 6.41 | 77 | 110995 | 24.56 | ng | | 92 |
| 10) Phenol | 6.50 | 94 | 137314 | 15.76 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 289670 | 42.77 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 326213 | 43.55 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 331483 | 43.50 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.03 | 146 | 308628 | 43.83 | ng | | 96 |
| 15) Benzyl Alcohol | 7.00 | 79 | 144224 | 25.23 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 412305 | 39.07 | ng | | 90 |
| 17) 2-Methylphenol | 7.11 | 107 | 174797 | 29.87 | ng | | 98 |
| 18) Hexachloroethane | 7.36 | 117 | 113518 | 41.44 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70 | 197788 | 39.76 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.26 | 107 | 191047 | 25.81 | ng | # | 36 |
| 22) Acetophenone | 7.26 | 105 | 409147 | 40.85 | ng | | 99 |
| 24) Nitrobenzene | 7.44 | 77 | 313047 | 42.81 | ng | | 98 |
| 25) Isophorone | 7.67 | 82 | 576229 | 43.24 | ng | | 99 |
| 26) 2-Nitrophenol | 7.76 | 139 | 167885 | 47.74 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 7.79 | 122 | 242325 | 36.49 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 369124 | 44.44 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 240376 | 42.16 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.07 | 180 | 262231 | 45.99 | ng | | 98 |
| 31) Naphthalene | 8.16 | 128 | 868475 | 44.73 | ng | | 99 |
| 32) Benzoic acid | 7.89 | 122 | 26736 | 4.90 | ng | | 95 |
| 33) 4-Chloroaniline | 8.21 | 127 | 128156 | 15.81 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 127101 | 43.27 | ng | | 99 |
| 35) Caprolactam | 8.60 | 113 | 11630 | 6.36 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 233602 | 36.45 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 601932 | 47.69 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 240354 | 44.07 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.00 | 237 | 148752 | 59.68 | ng | | 99 |

Quantitation Report (QT Reviewed)

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Acq On : 14 Oct 2017 18:12
Operator : SJ/JU
Sample : I5869-12MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-10-10-11-17MS

Quant Time: Oct 15 00:09:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

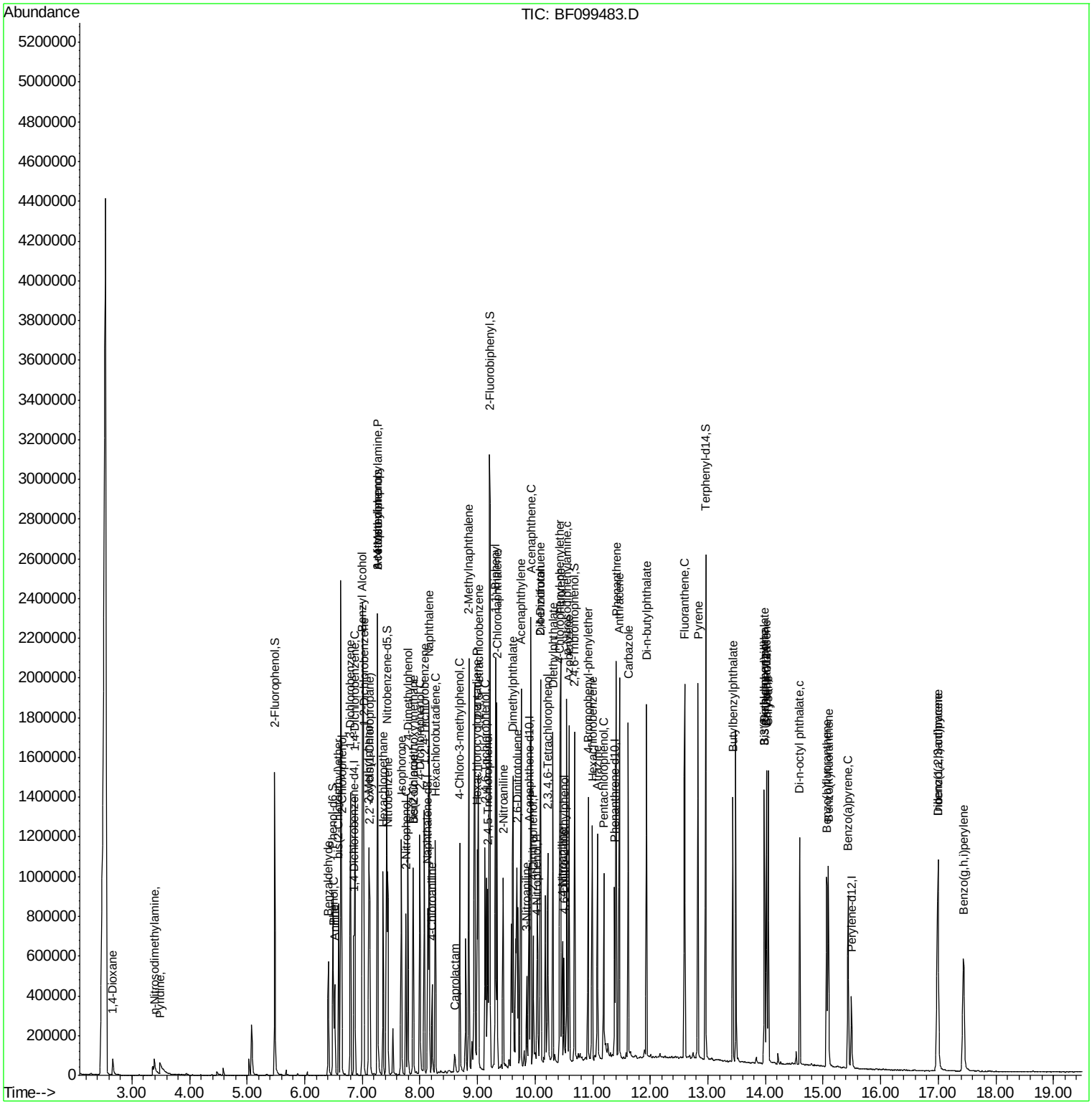
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.13 | 196 | 159929 | 41.39 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.18 | 196 | 166925 | 43.27 | ng | | 93 |
| 45) 1,1'-Biphenyl | 9.32 | 154 | 693055 | 44.09 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.34 | 162 | 545168 | 46.19 | ng | | 98 |
| 47) 2-Nitroaniline | 9.45 | 65 | 159639 | 44.17 | ng | # | 85 |
| 48) Acenaphthylene | 9.76 | 152 | 814773 | 45.10 | ng | | 100 |
| 49) Dimethylphthalate | 9.62 | 163 | 684365 | 49.58 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 146520 | 48.75 | ng | # | 83 |
| 51) Acenaphthene | 9.93 | 154 | 484116 | 42.30 | ng | | 100 |
| 52) 3-Nitroaniline | 9.86 | 138 | 77809 | 22.21 | ng | | 89 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 93808 | 61.42 | ng | | 92 |
| 54) Dibenzofuran | 10.10 | 168 | 714998 | 46.92 | ng | | 98 |
| 55) 4-Nitrophenol | 10.03 | 139 | 47975 | 16.19 | ng | | 98 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 178031 | 45.65 | ng | # | 93 |
| 57) Fluorene | 10.45 | 166 | 568669 | 46.43 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 117081 | 43.94 | ng | | 98 |
| 59) Diethylphthalate | 10.31 | 149 | 595894 | 44.18 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 255157 | 46.38 | ng | | 100 |
| 61) 4-Nitroaniline | 10.47 | 138 | 136516 | 40.38 | ng | | 86 |
| 62) Azobenzene | 10.59 | 77 | 558819 | 45.06 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 74665 | 39.35 | ng | # | 78 |
| 65) n-Nitrosodiphenylamine | 10.55 | 169 | 503631 | 46.62 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.92 | 248 | 149509 | 48.98 | ng | | 92 |
| 67) Hexachlorobenzene | 10.99 | 284 | 150702 | 46.23 | ng | | 94 |
| 68) Atrazine | 11.09 | 200 | 146522 | 45.08 | ng | | 100 |
| 69) Pentachlorophenol | 11.19 | 266 | 119298 | 58.80 | ng | | 99 |
| 70) Phenanthrene | 11.41 | 178 | 781498 | 46.82 | ng | | 98 |
| 71) Anthracene | 11.46 | 178 | 805945 | 47.19 | ng | | 99 |
| 72) Carbazole | 11.62 | 167 | 712980 | 42.63 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.93 | 149 | 910518 | 45.23 | ng | | 99 |
| 74) Fluoranthene | 12.60 | 202 | 738409 | 43.69 | ng | | 99 |
| 77) Pyrene | 12.83 | 202 | 736783 | 57.65 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.43 | 149 | 308813 | 51.42 | ng | | 93 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 501980 | 49.46 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.97 | 252 | 34220 | 9.20 | ng | | 98 |
| 82) Chrysene | 14.05 | 228 | 481632 | 49.85 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 401245 | 48.52 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.59 | 149 | 594436 | 44.64 | ng | # | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 525672 | 68.01 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.07 | 252 | 454242 | 46.59 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.09 | 252 | 422224 | 43.84 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.44 | 252 | 438657 | 49.01 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.00 | 278 | 431793 | 60.28 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.44 | 276 | 463196 | 65.42 | ng | | 96 |

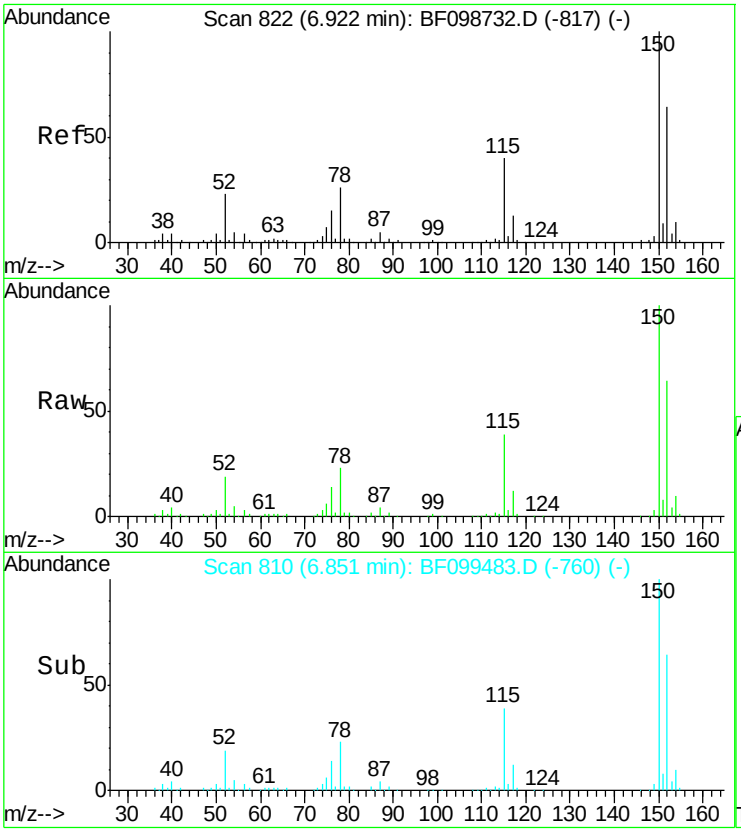
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099483.D
Acq On : 14 Oct 2017 18:12
Operator : SJ/JU
Sample : I5869-12MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Quant Time: Oct 15 00:09:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration



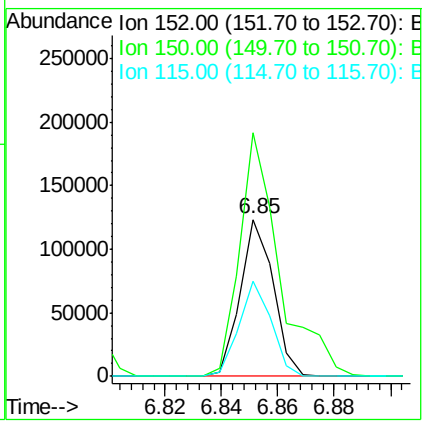


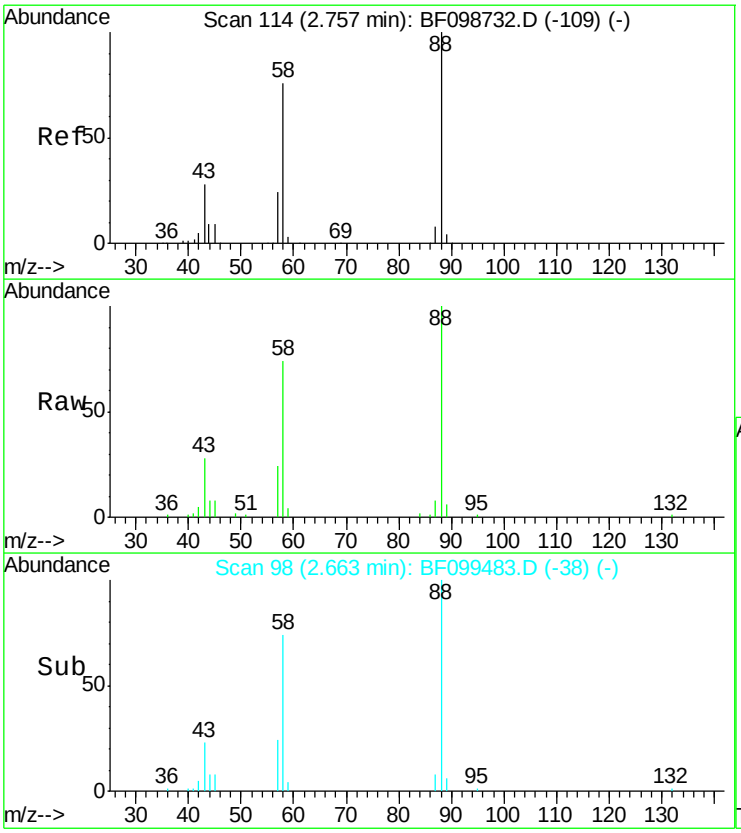

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:152 Resp: 100533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 124.6 | 186.8 |
| 115 | 60.8 | 50.1 | 75.1 |

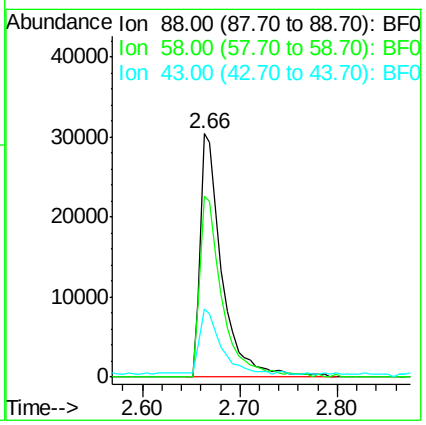


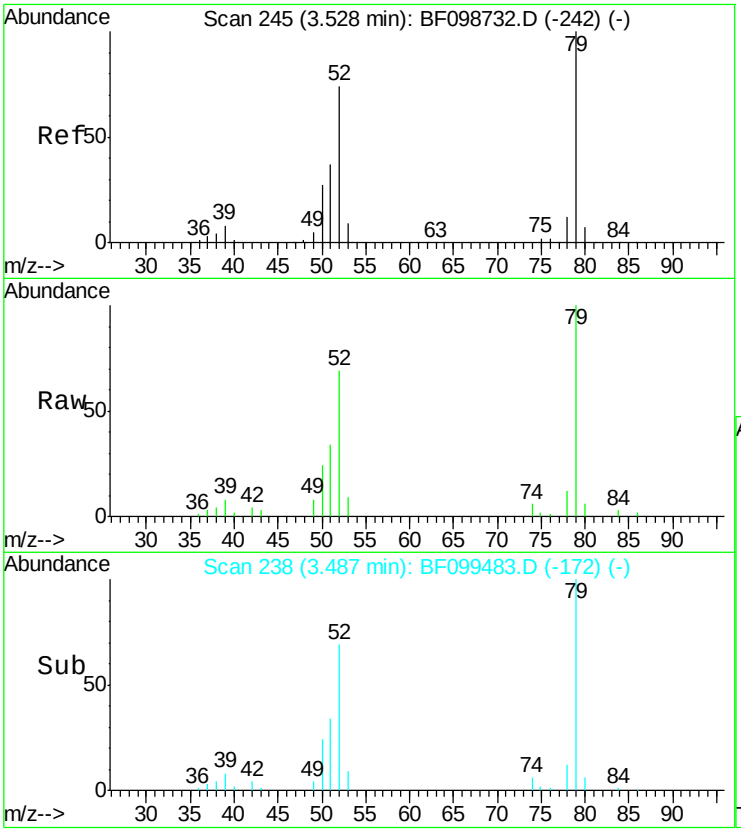




#2
1,4-Dioxane
Concen: 15.55 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 88 Resp: 46924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.7 | 62.6 | 93.8 |
| 43 | 26.8 | 24.6 | 37.0 |



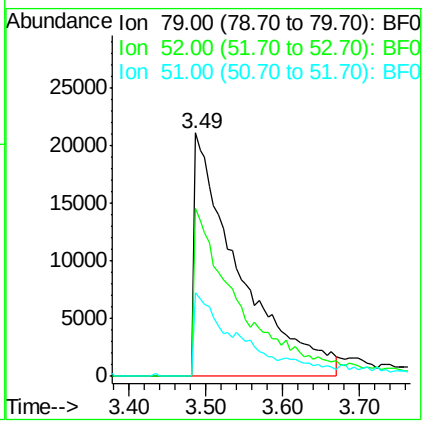


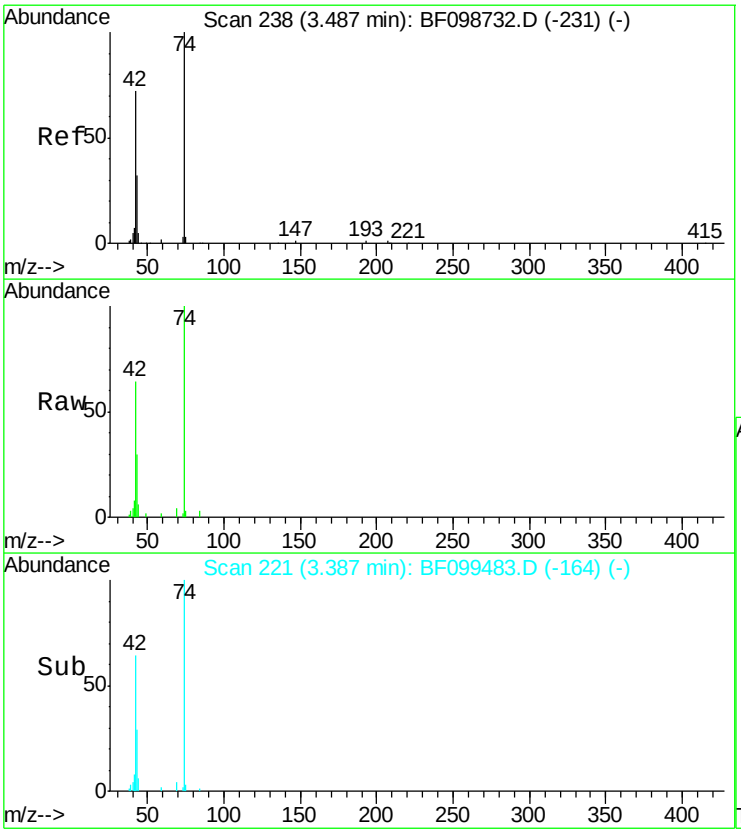

#3
Pyridine
Concen: 10.43 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.09 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 79 Resp: 85099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 69.0 | 59.8 | 89.6 |
| 51 | 34.1 | 29.8 | 44.8 |

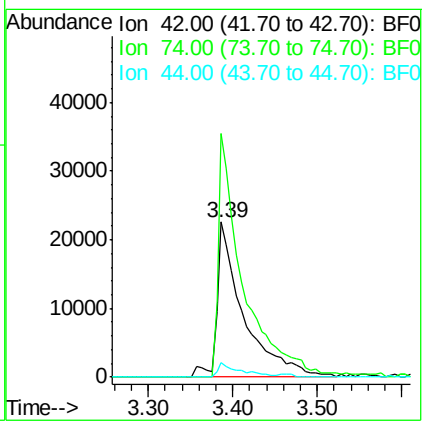


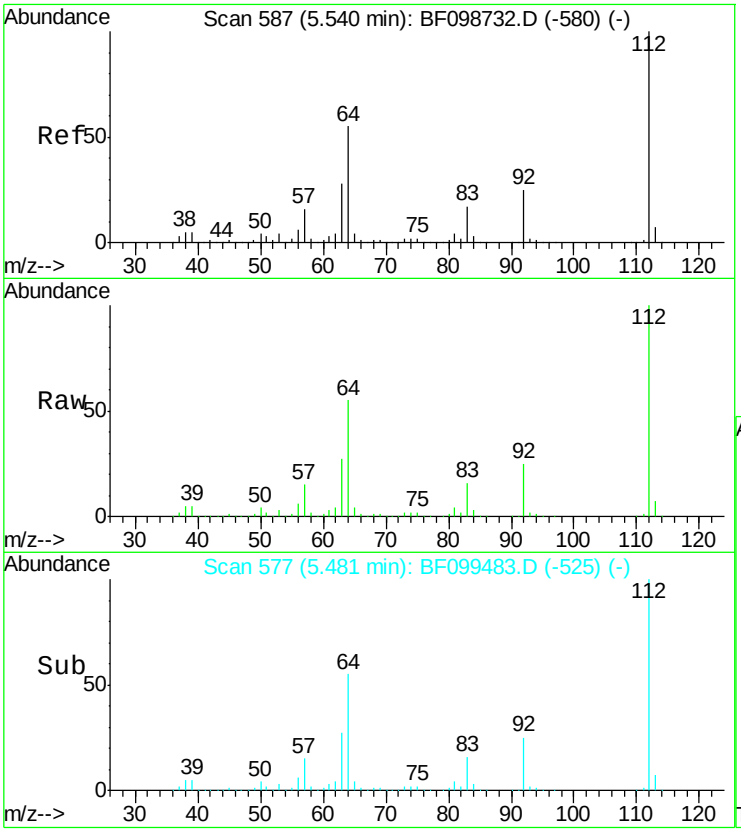




#4
n-Nitrosodimethylamine
Concen: 14.35 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.04 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 42 Resp: 49645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 157.1 | 104.9 | 157.3 |
| 44 | 9.3 | 6.9 | 10.3 |



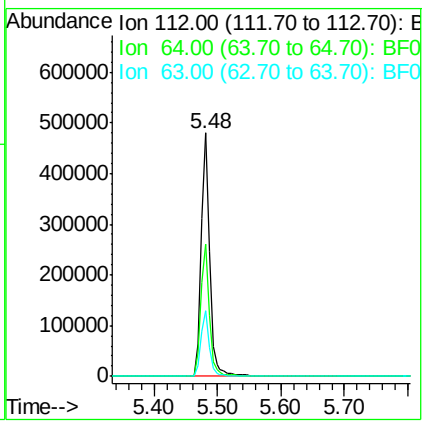


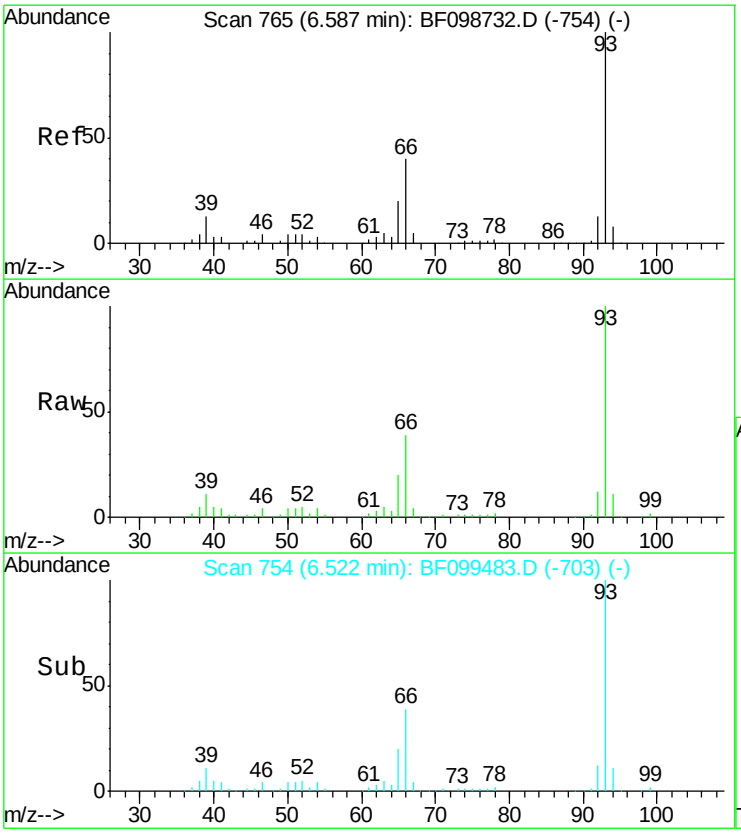

#5
2-Fluorophenol
Concen: 70.01 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:112 Resp: 442150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.5 | 47.9 | 71.9 |
| 63 | 26.8 | 23.7 | 35.5 |

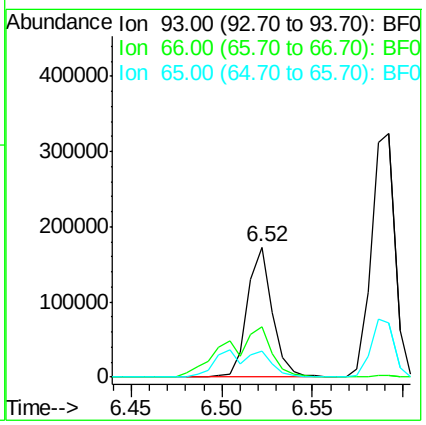


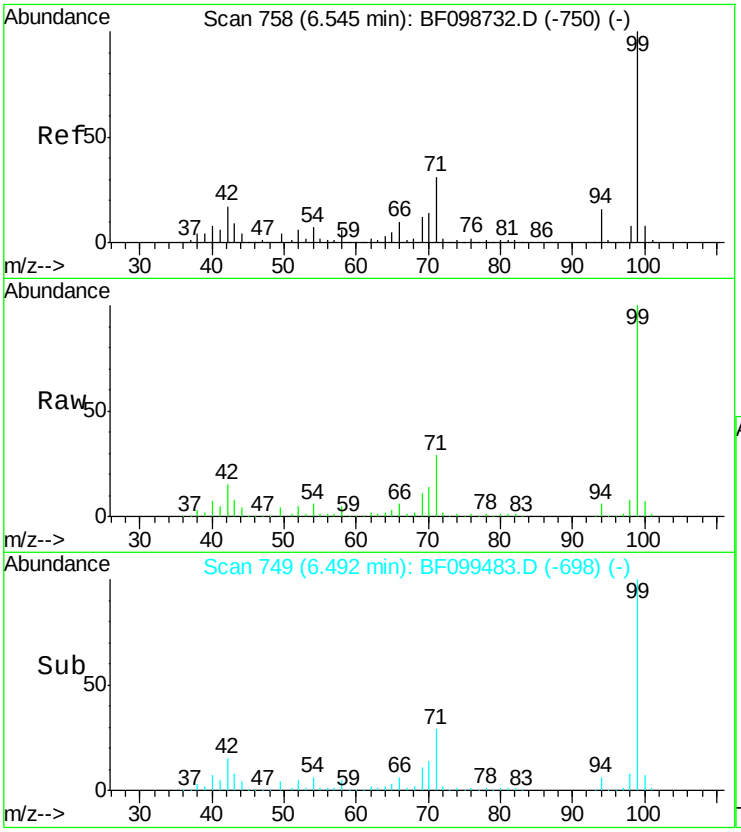




#6
Aniline
Concen: 15.73 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 93 Resp: 165390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.9 | 32.2 | 48.2 |
| 65 | 19.5 | 16.4 | 24.6 |



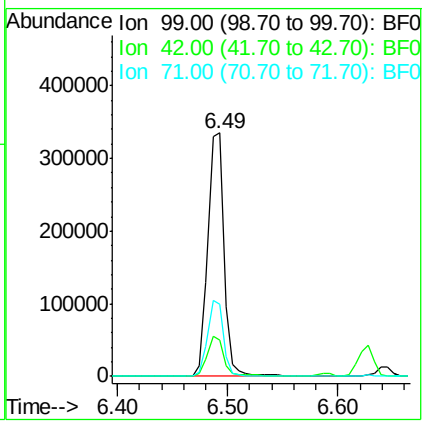


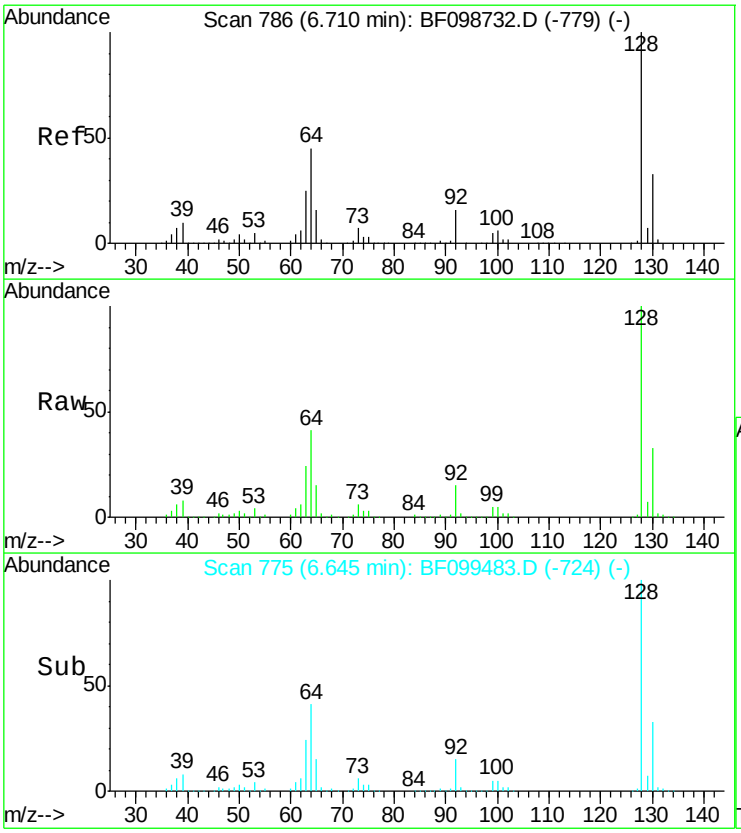

#7
Phenol-d6
Concen: 43.17 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 99 Resp: 336305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 14.5 | 21.7 |
| 71 | 29.4 | 25.4 | 38.0 |

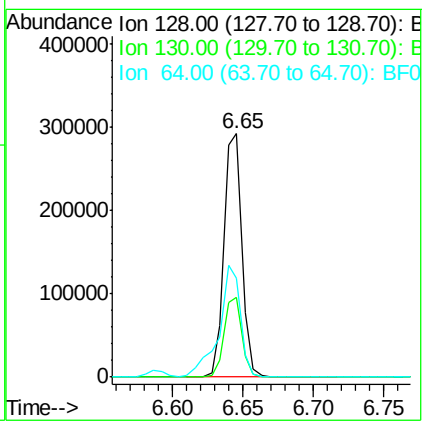


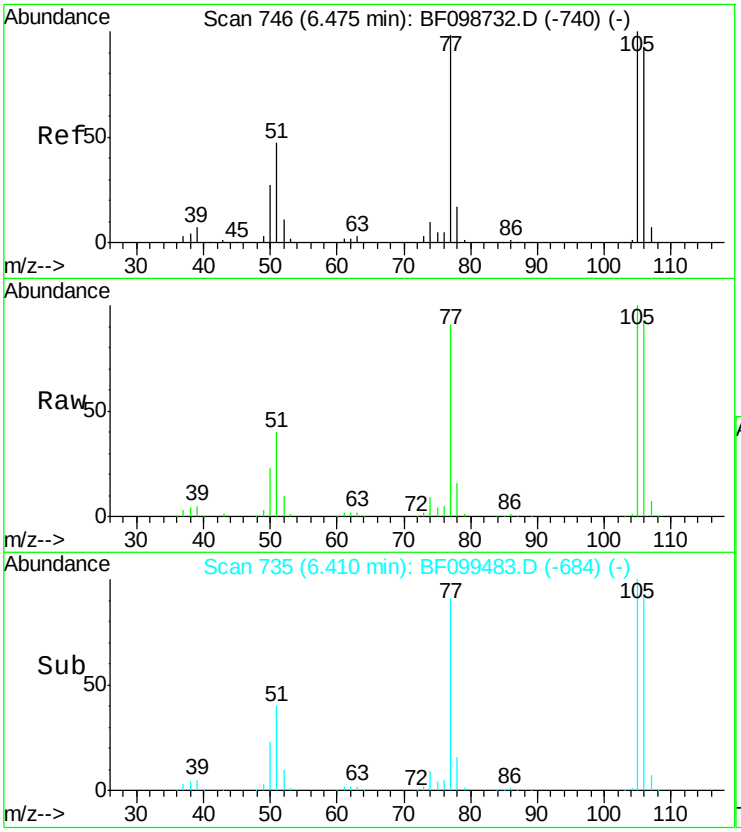




#8
2-Chlorophenol
Concen: 36.00 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:128 Resp: 257481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 13.0 | 53.0 |
| 64 | 40.6 | 29.4 | 69.4 |



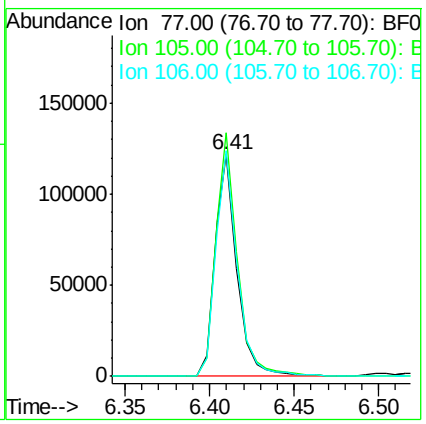


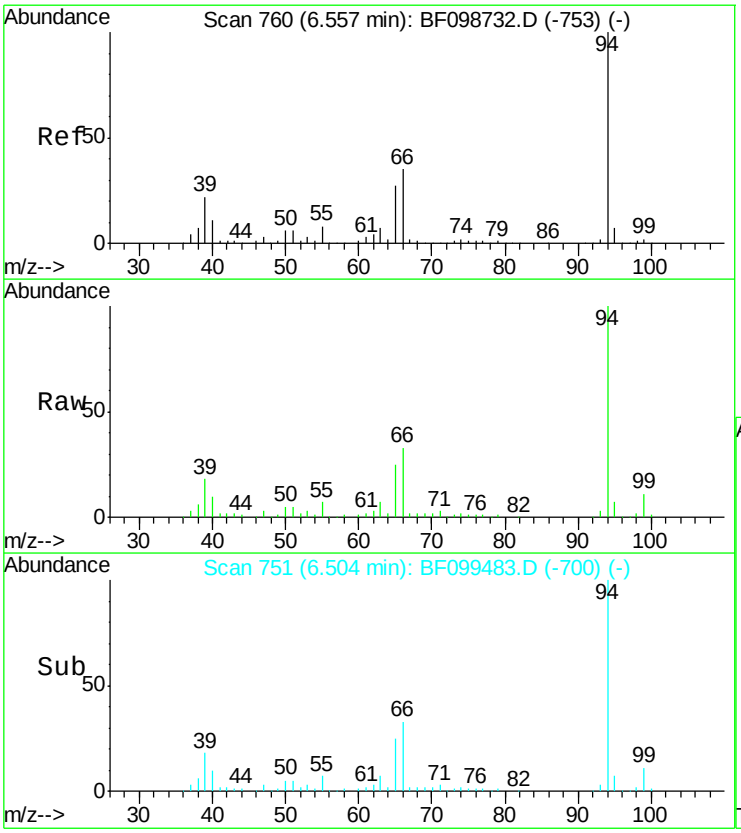

#9
Benzaldehyde
Concen: 24.56 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 77 Resp: 110995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 109.9 | 81.1 | 121.1 |
| 106 | 102.2 | 74.5 | 114.5 |

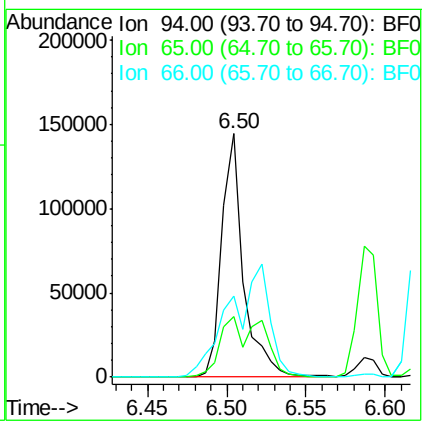


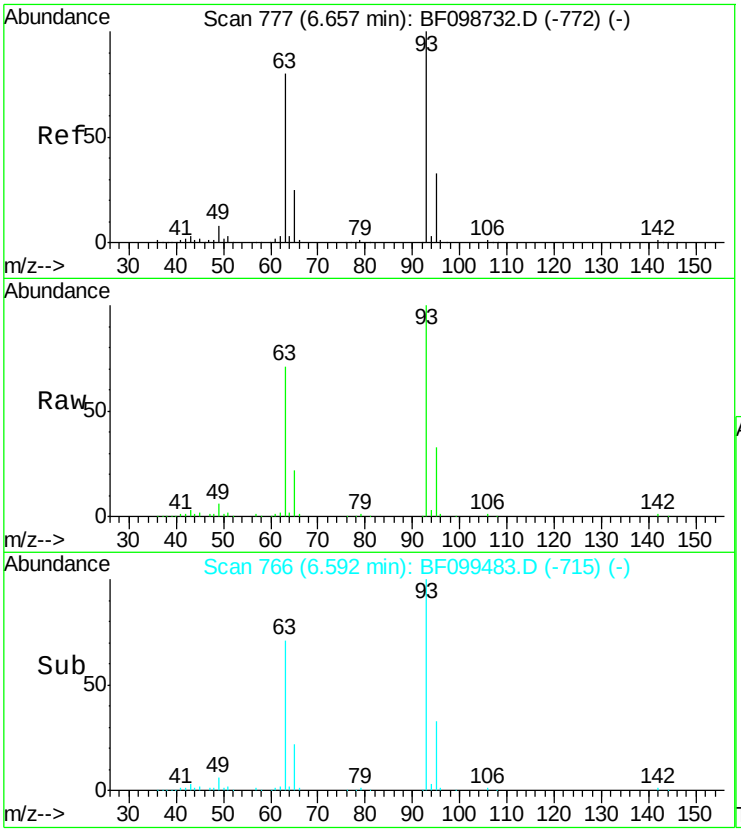




#10
Phenol
Concen: 15.76 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 94 Resp: 137314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.7 | 7.9 | 47.9 |
| 66 | 33.5 | 16.2 | 56.2 |



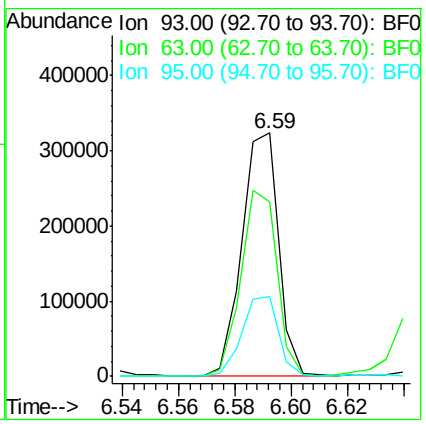


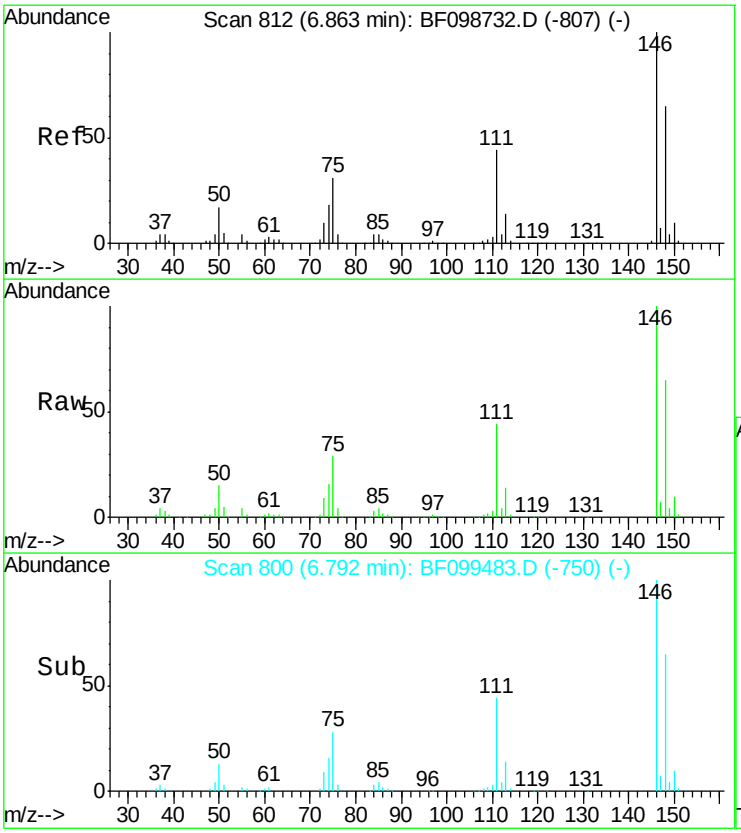

#11
bis(2-Chloroethyl)ether
Concen: 42.77 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 93 Resp: 289670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.5 | 58.6 | 98.6 |
| 95 | 32.9 | 11.8 | 51.8 |

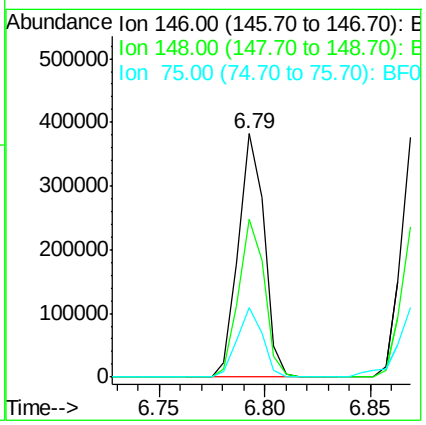


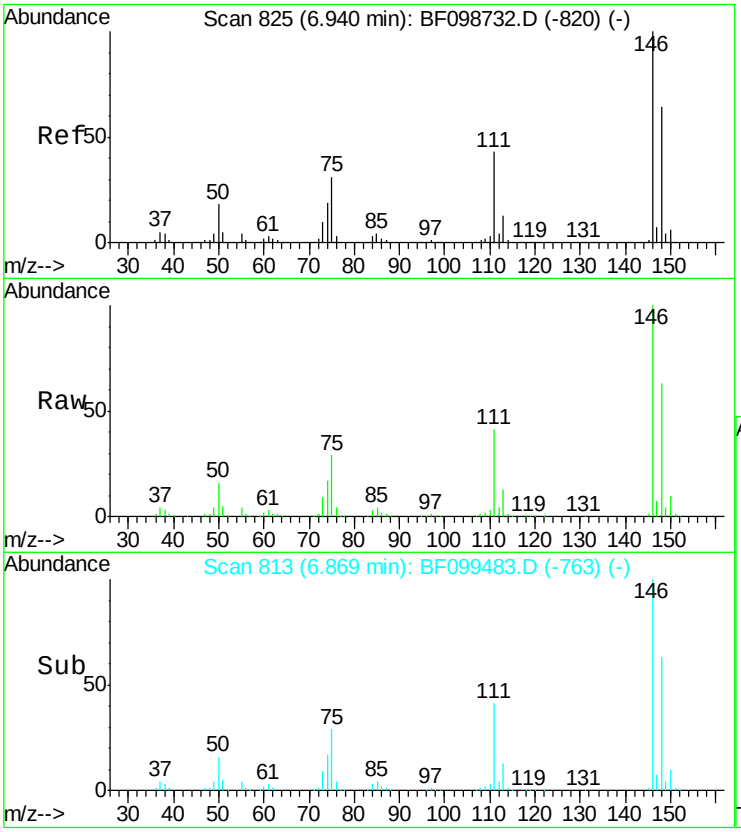




#12
1,3-Dichlorobenzene
Concen: 43.55 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:146 Resp: 326213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 28.5 | 24.2 | 36.4 |



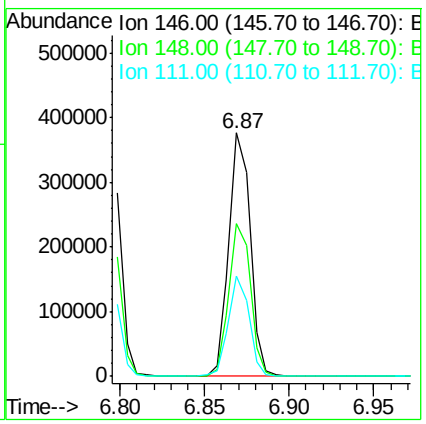


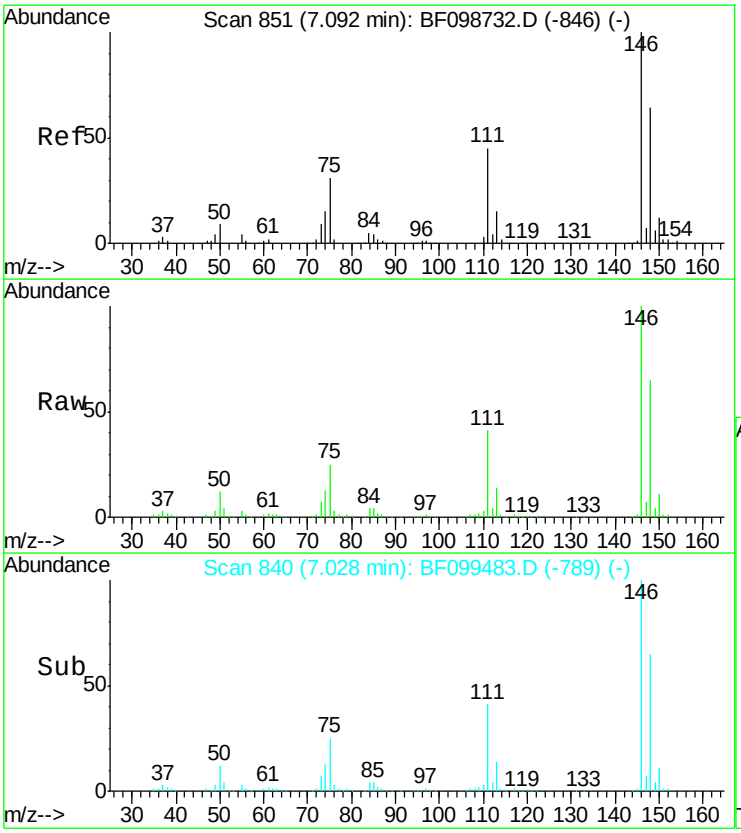

#13
1,4-Dichlorobenzene
Concen: 43.50 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:146 Resp: 331483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.8 | 76.2 |
| 111 | 41.1 | 34.2 | 51.2 |

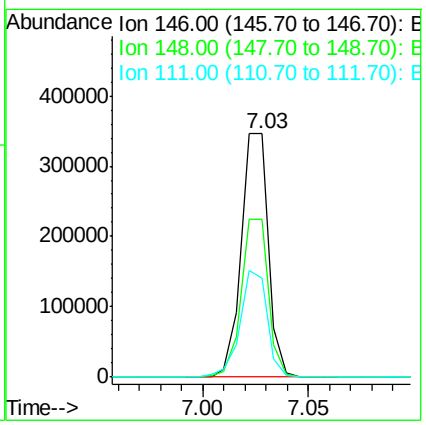


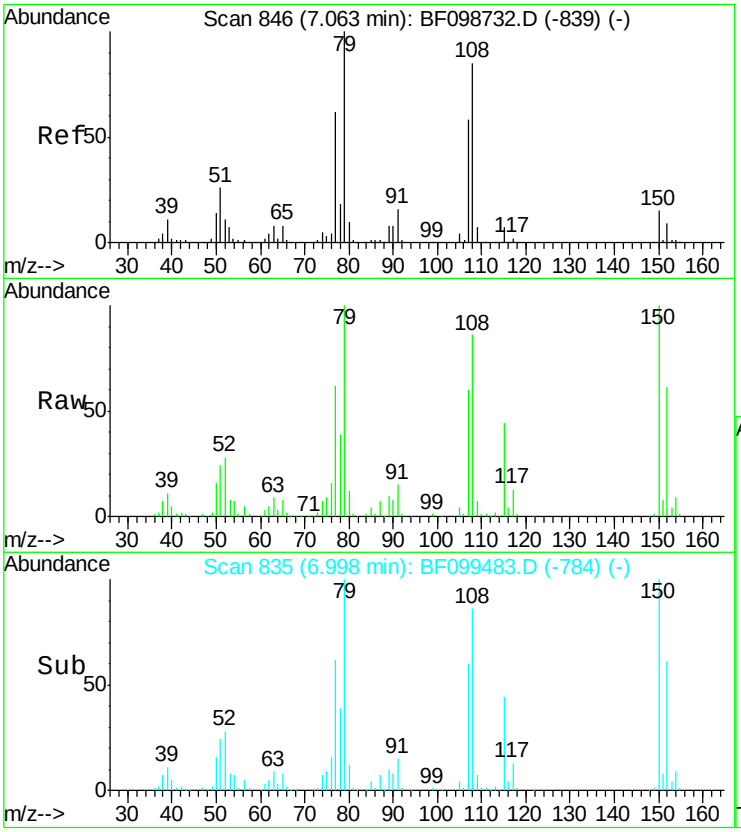




#14
1,2-Dichlorobenzene
Concen: 43.83 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:146 Resp: 308628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 50.6 | 75.8 |
| 111 | 40.8 | 36.0 | 54.0 |



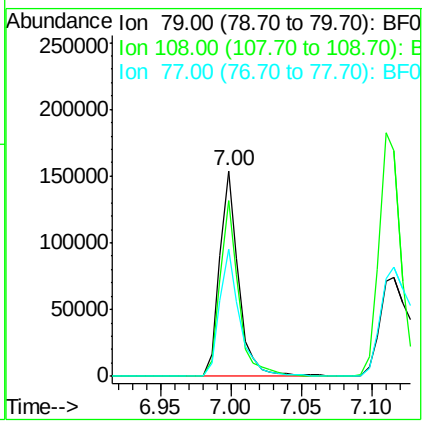


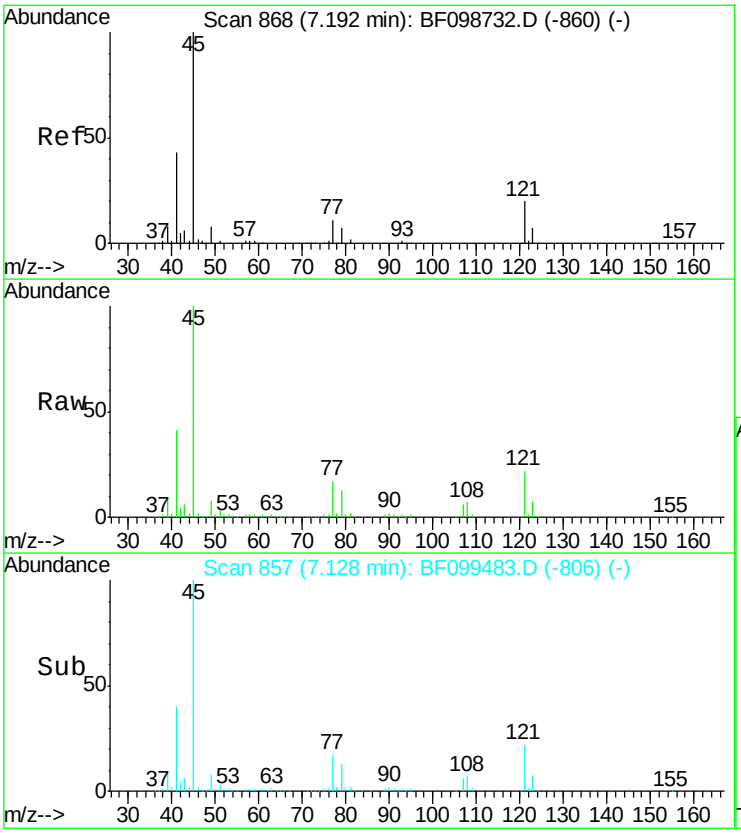

#15
Benzyl Alcohol
Concen: 25.23 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 79 Resp: 144224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.6 | 65.1 | 97.7 |
| 77 | 61.9 | 50.6 | 75.8 |

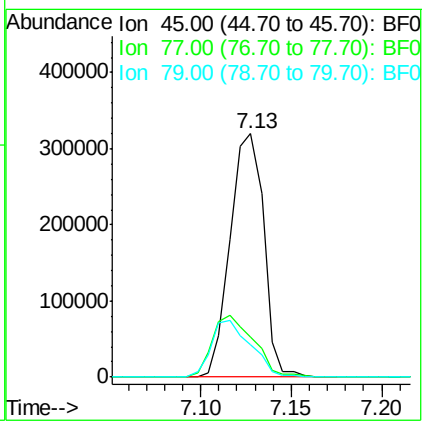


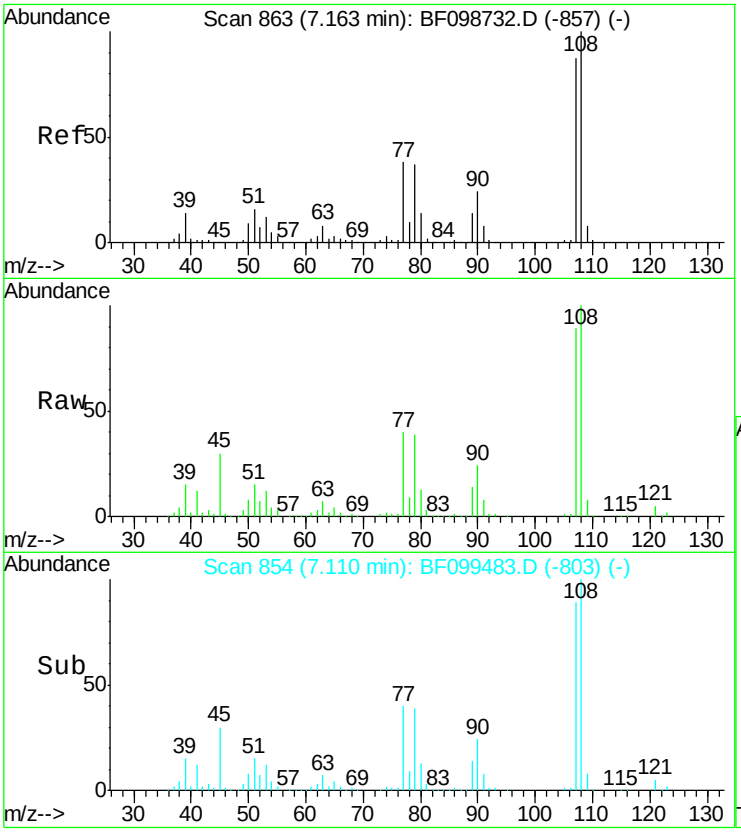




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.07 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 45 Resp: 412305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.7 | 0.0 | 32.9 |
| 79 | 13.3 | 0.0 | 29.6 |



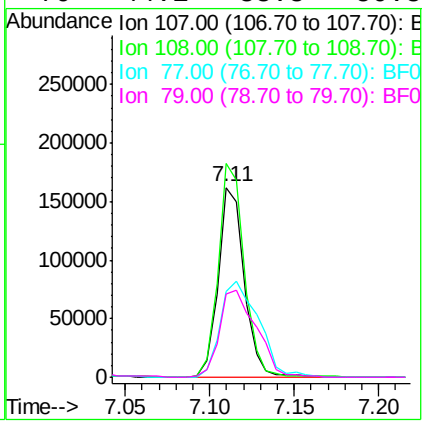


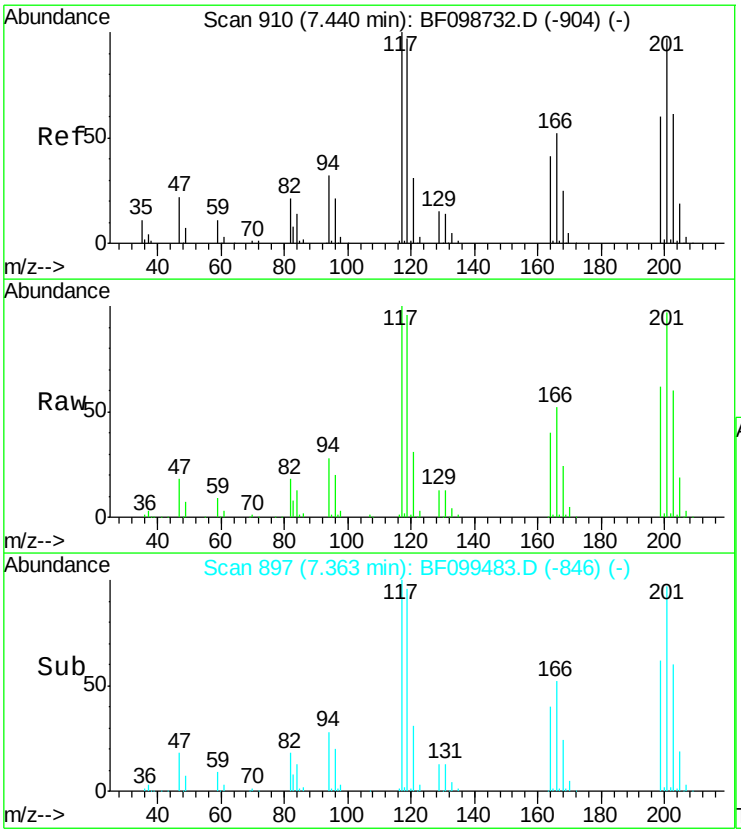

#17
2-Methylphenol
Concen: 29.87 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:107 Resp: 174797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.7 | 91.7 | 137.5 |
| 77 | 44.9 | 33.8 | 50.8 |
| 79 | 44.1 | 33.8 | 50.8 |

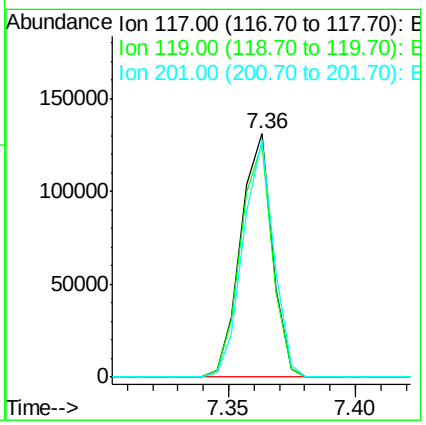


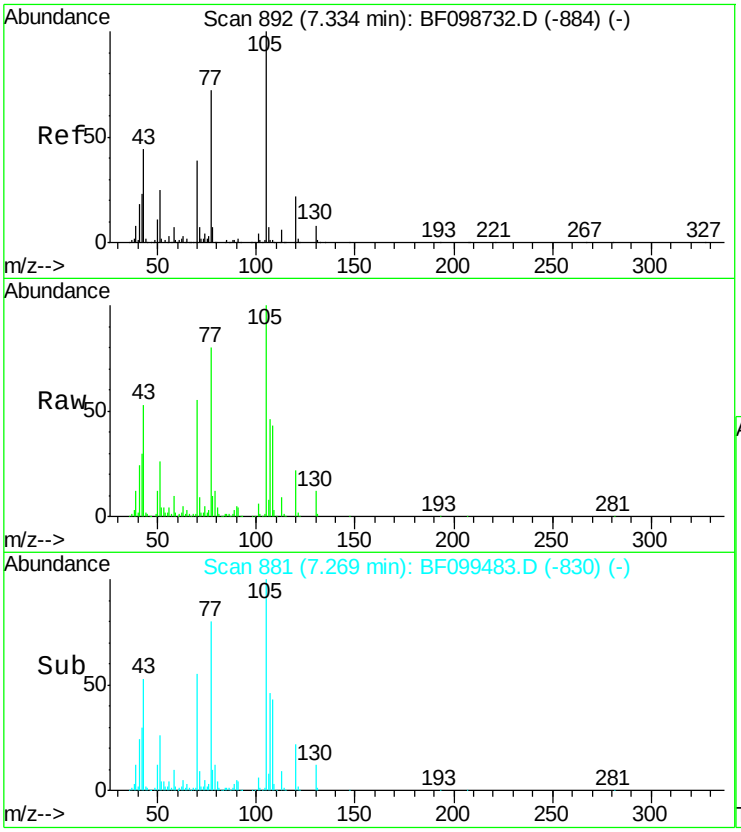




#18
Hexachloroethane
Concen: 41.44 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:117 Resp: 113518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 75.8 | 113.8 |
| 201 | 97.3 | 75.7 | 113.5 |



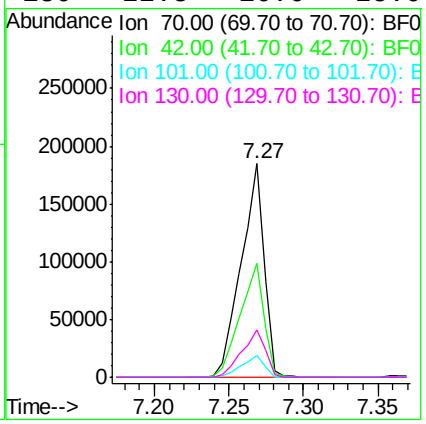


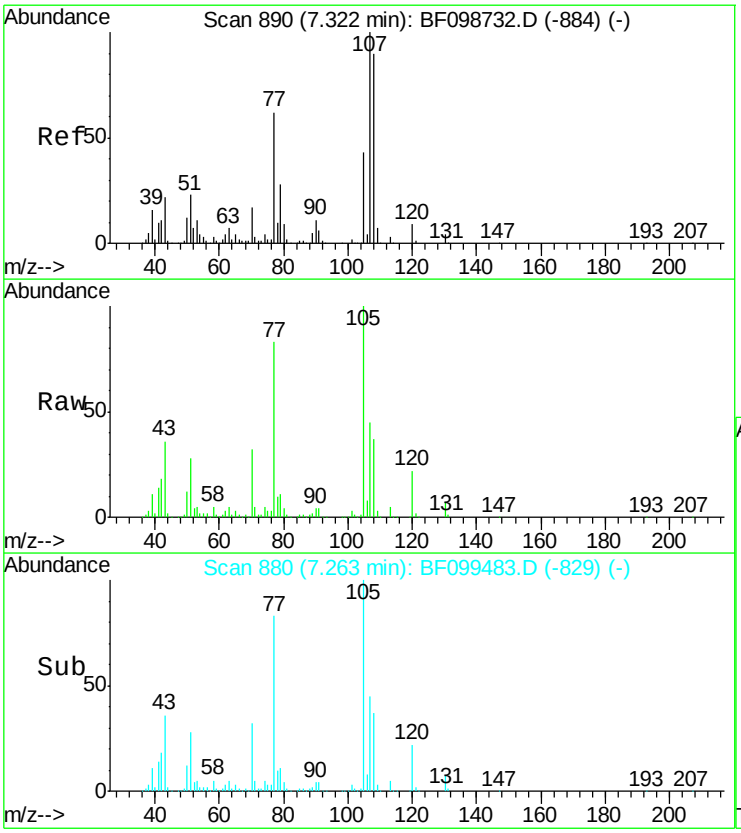

#19
n-Nitroso-di-n-propylamine
Concen: 39.76 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 70 Resp: 197788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.3 | 47.5 | 71.3 |
| 101 | 10.1 | 7.4 | 11.2 |
| 130 | 22.3 | 16.6 | 25.0 |

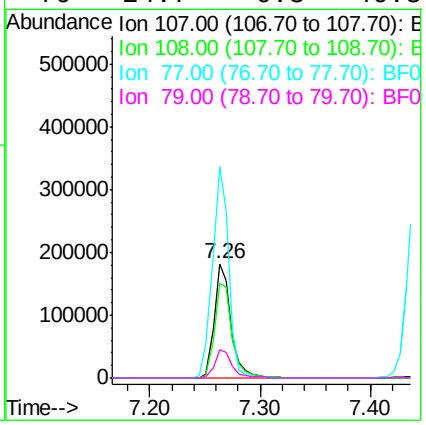


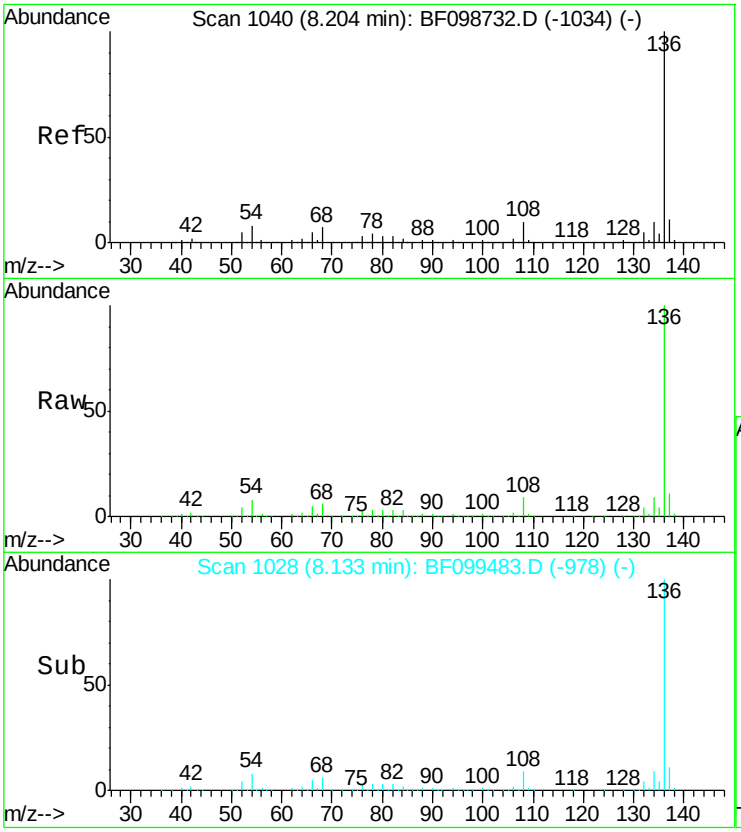




#20
3+4-Methylphenols
Concen: 25.81 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:107 Resp: 191047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.2 | 68.2 | 108.2 |
| 77 | 184.9 | 26.7 | 66.7# |
| 79 | 24.7 | 6.3 | 46.3 |



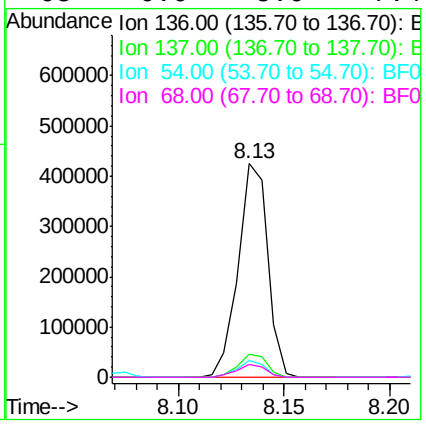


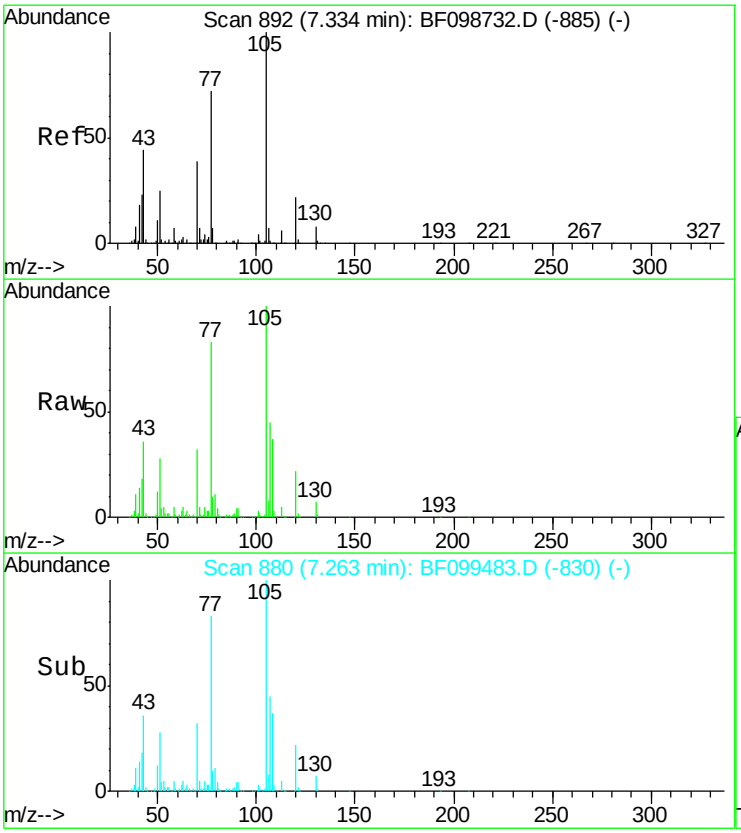

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:136 Resp: 413389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 7.7 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |

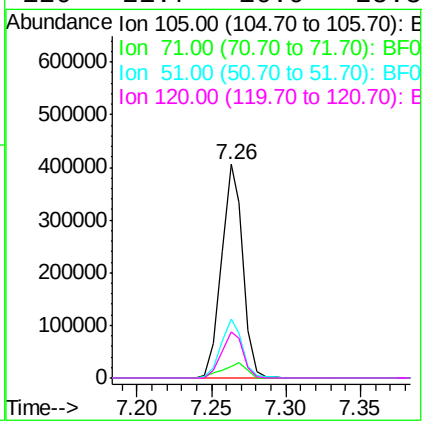


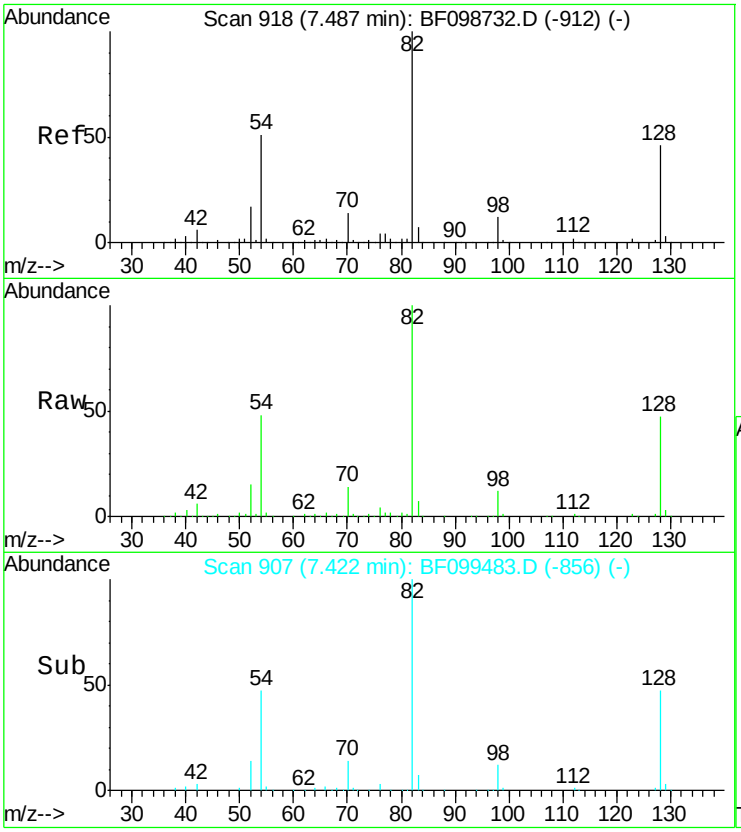




#22
Acetophenone
Concen: 40.85 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:105 Resp: 409147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.4 | 4.4 | 6.6 |
| 51 | 27.5 | 22.3 | 33.5 |
| 120 | 21.7 | 16.9 | 25.3 |



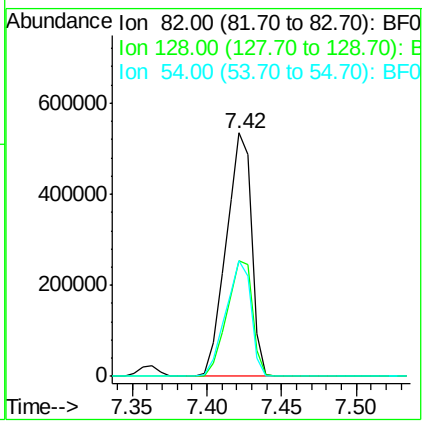


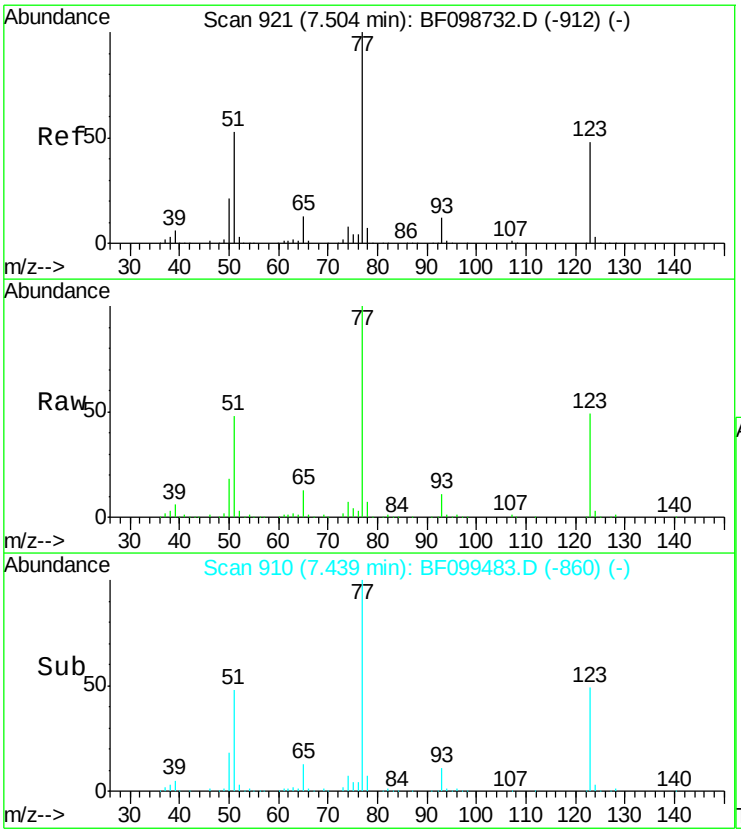

#23
Nitrobenzene-d5
Concen: 99.74 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 82 Resp: 642936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.4 | 36.1 | 54.1 |
| 54 | 47.7 | 41.4 | 62.2 |

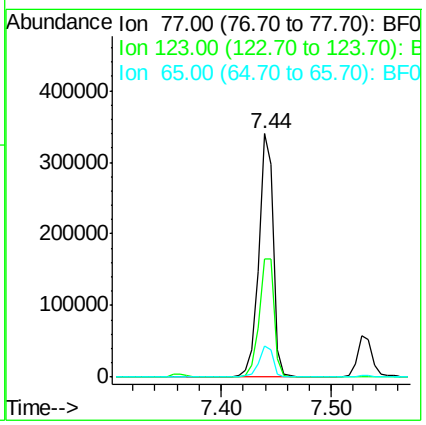


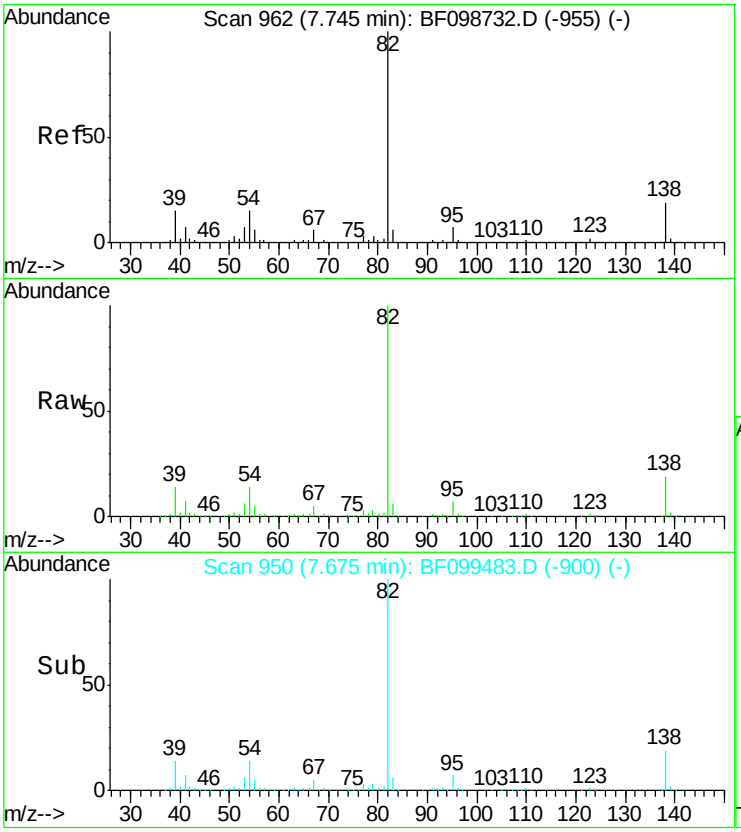




#24
Nitrobenzene
Concen: 42.81 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 77 Resp: 313047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.5 | 37.9 | 56.9 |
| 65 | 13.0 | 11.0 | 16.4 |



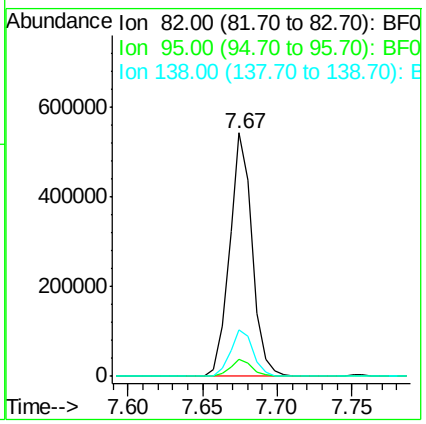


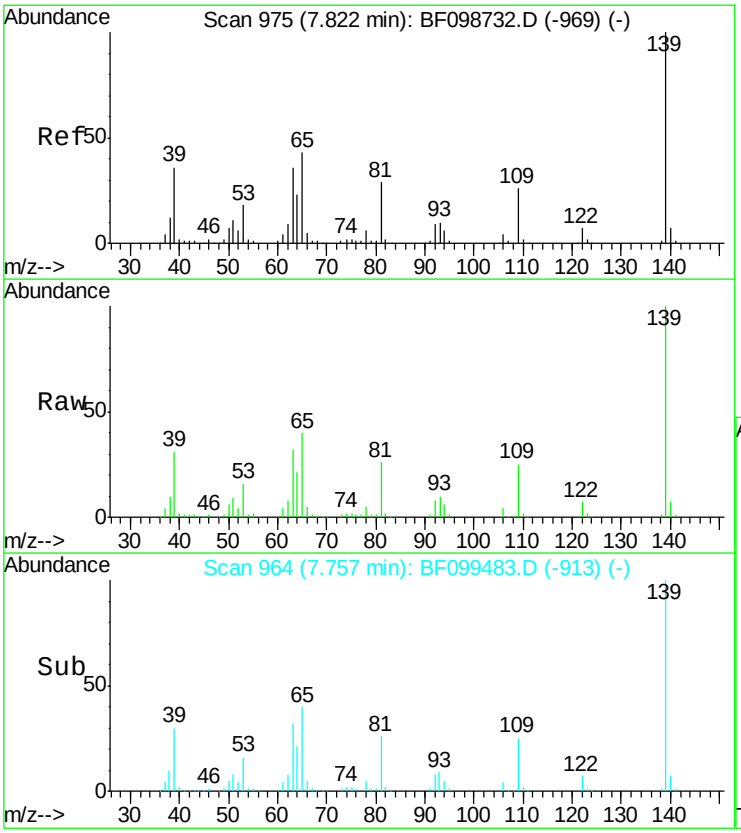

#25
Isophorone
Concen: 43.24 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 82 Resp: 576229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.2 | 7.8 |
| 138 | 19.1 | 14.9 | 22.3 |

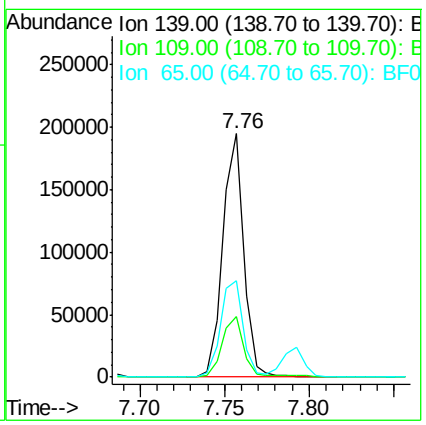


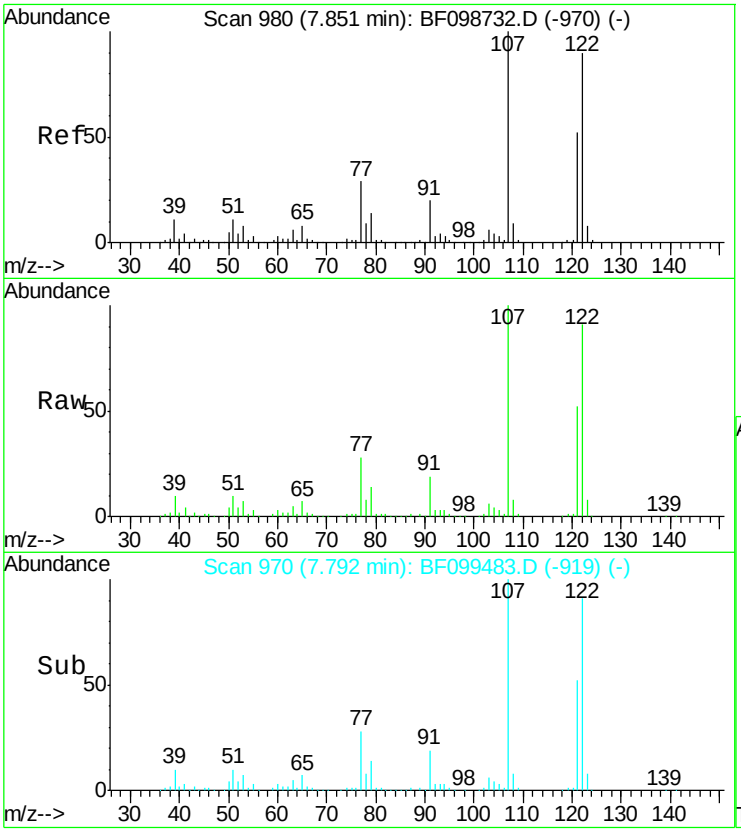




#26
2-Nitrophenol
Concen: 47.74 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:139 Resp: 167885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.7 | 22.7 | 34.1 |
| 65 | 39.8 | 40.5 | 60.7# |



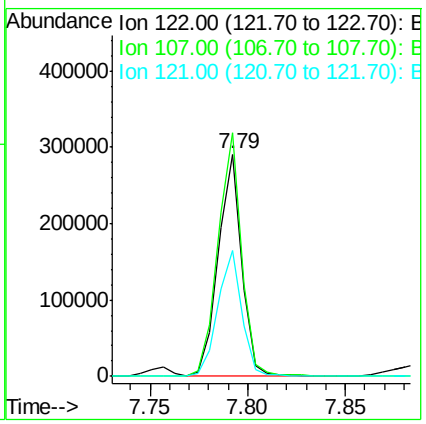


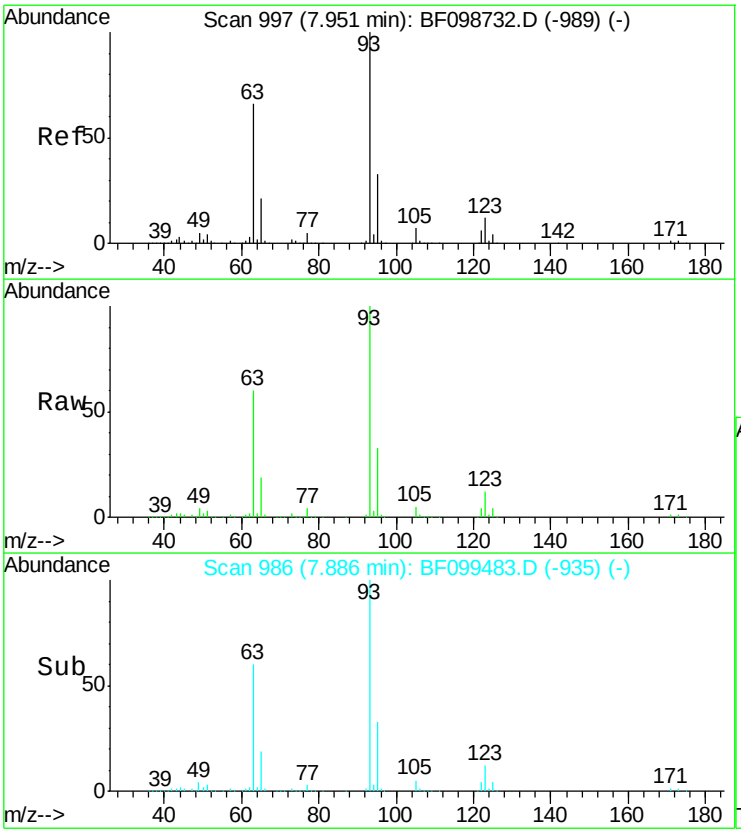

#27
2,4-Dimethylphenol
Concen: 36.49 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:122 Resp: 242325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.5 | 91.2 | 136.8 |
| 121 | 56.4 | 47.2 | 70.8 |

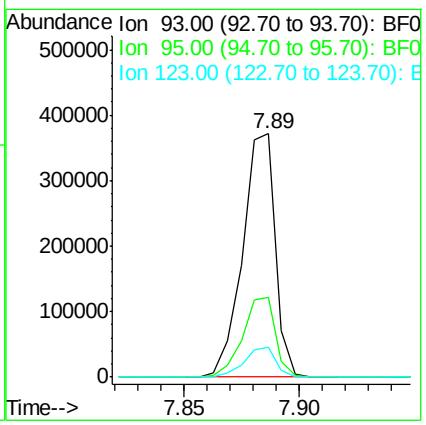


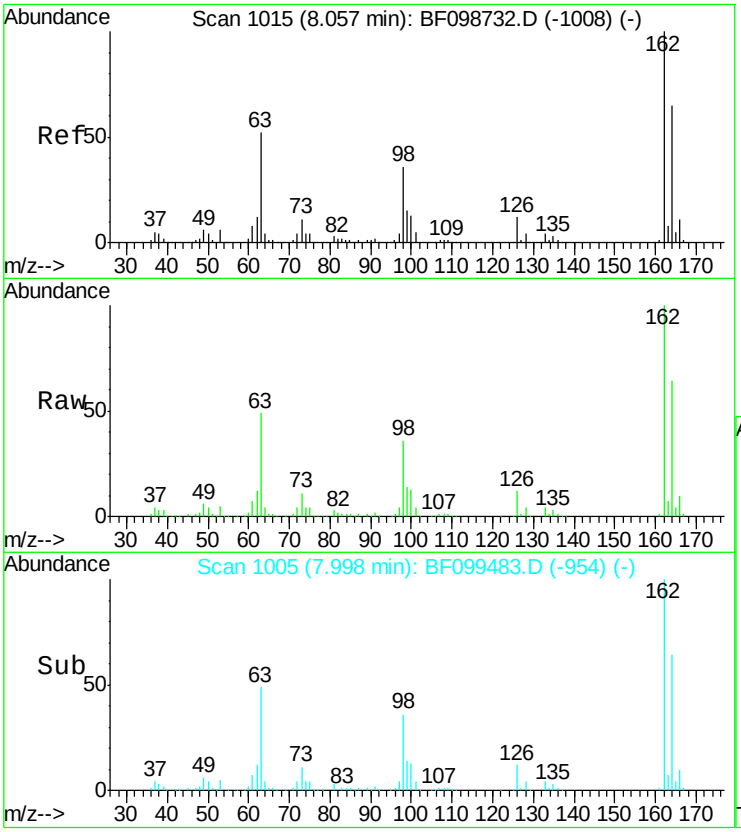




#28
bis(2-Chloroethoxy)methane
Concen: 44.44 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 93 Resp: 369124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.9 | 26.3 | 39.5 |
| 123 | 12.4 | 9.8 | 14.6 |



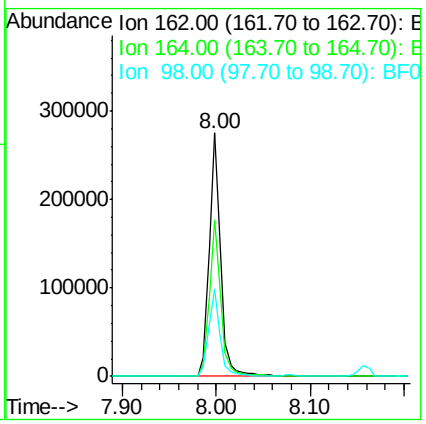


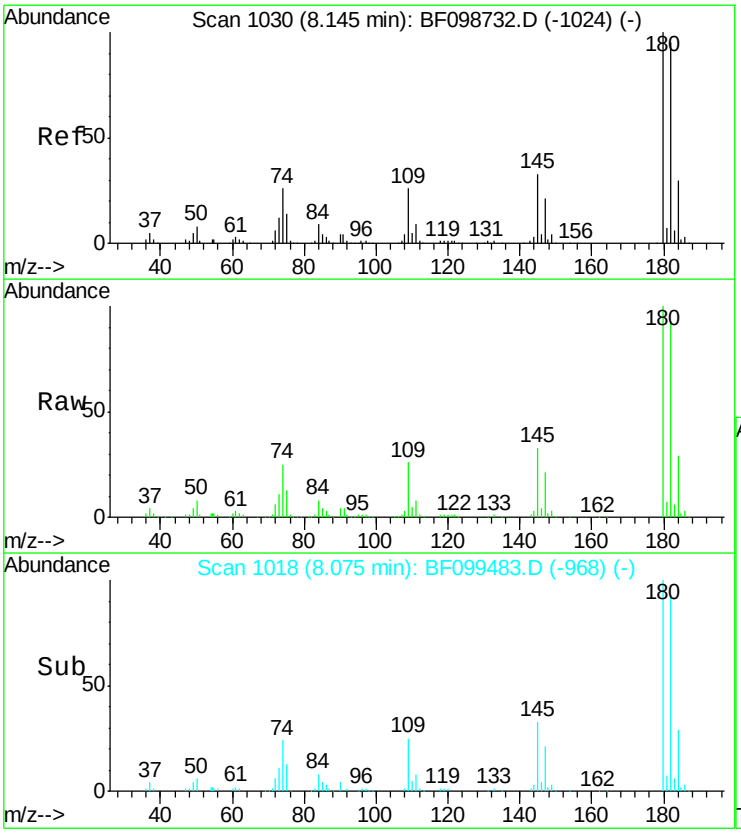

#29
2,4-Dichlorophenol
Concen: 42.16 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:162 Resp: 240376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 42.7 | 82.7 |
| 98 | 35.8 | 18.1 | 58.1 |

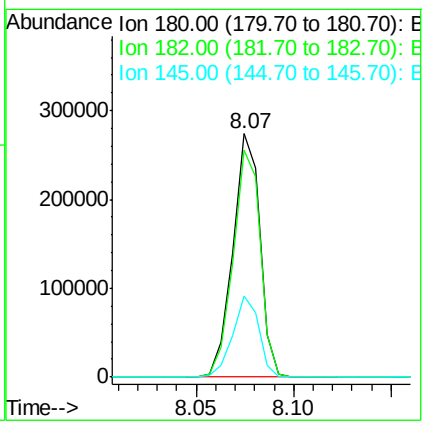


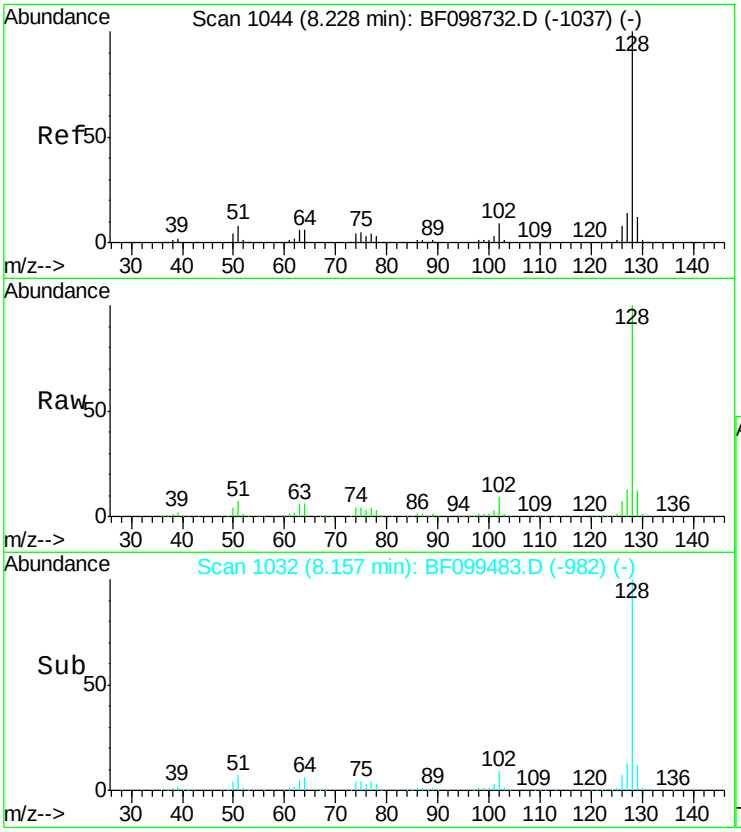




#30
1,2,4-Trichlorobenzene
Concen: 45.99 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:180 Resp: 262231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.1 | 76.8 | 115.2 |
| 145 | 33.2 | 26.5 | 39.7 |



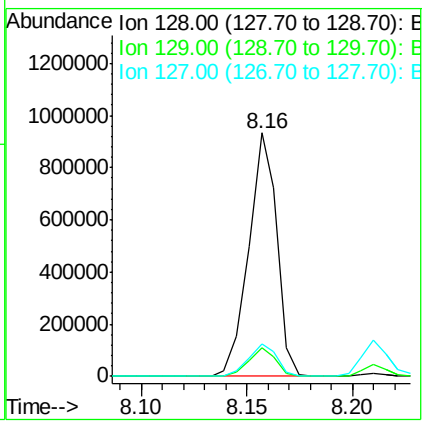


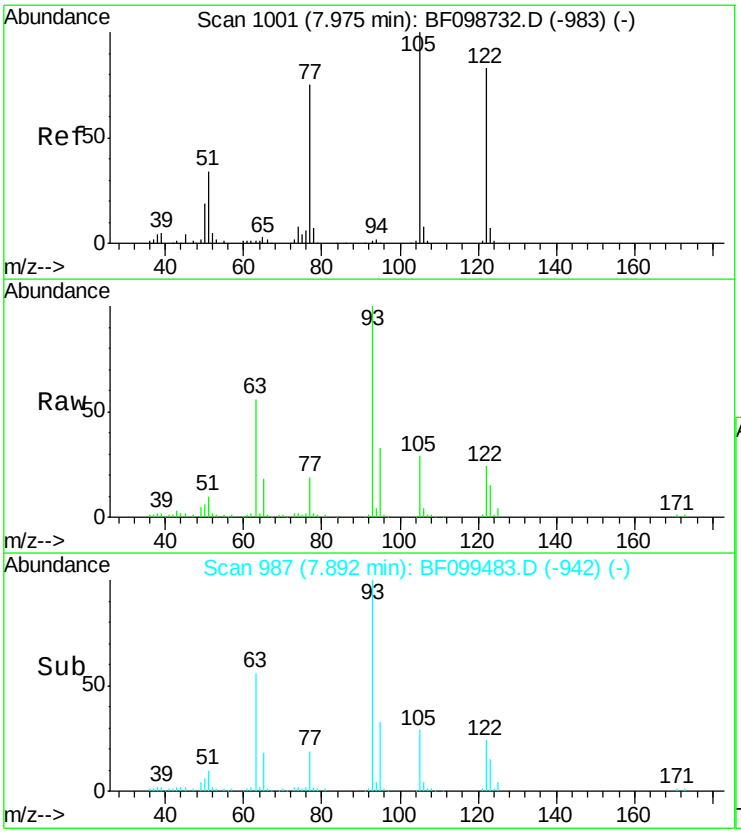

#31
Naphthalene
Concen: 44.73 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:128 Resp: 868475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 8.8 | 13.2 |
| 127 | 13.5 | 10.9 | 16.3 |

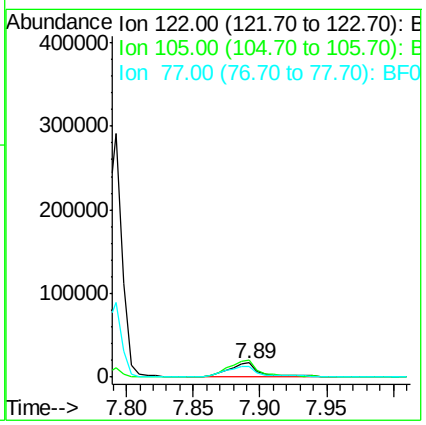


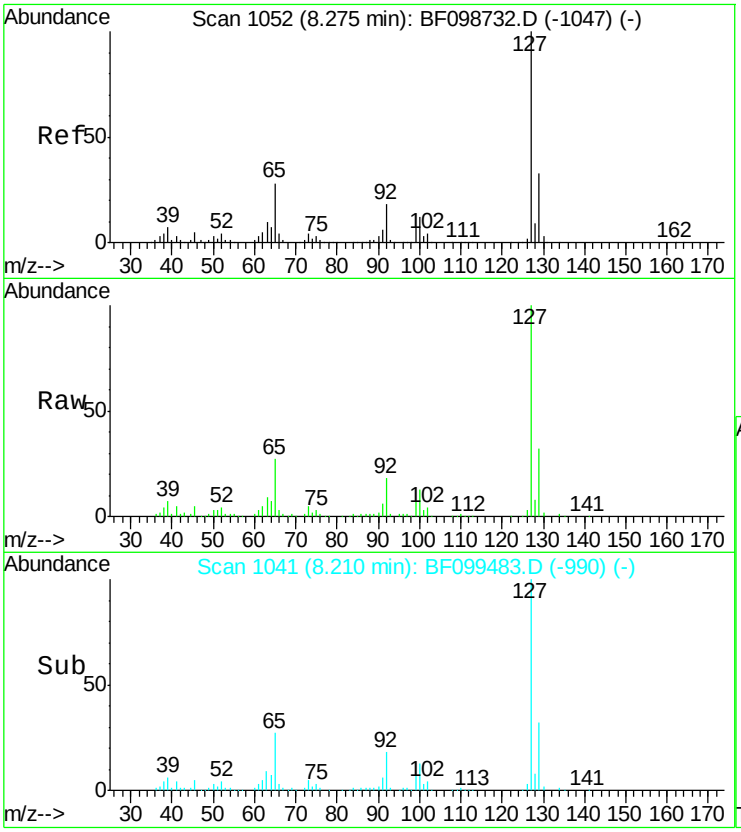




#32
Benzoic acid
Concen: 4.90 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:122 Resp: 26736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.1 | 101.1 | 141.1 |
| 77 | 79.6 | 70.7 | 110.7 |



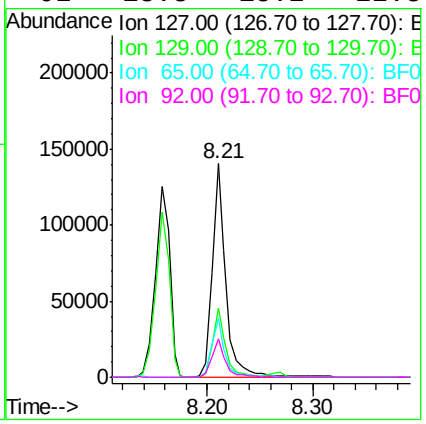


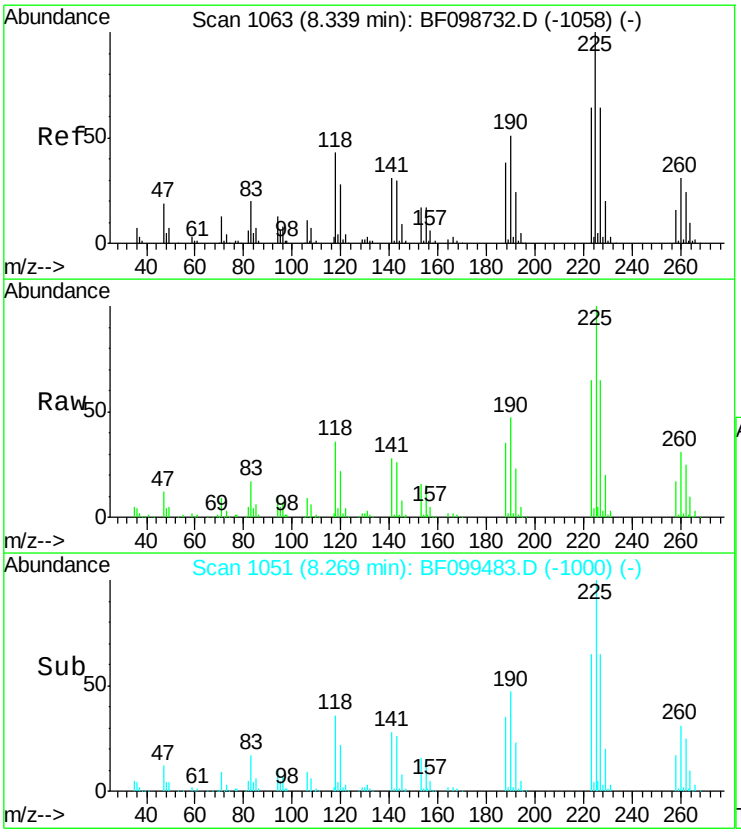

#33
4-Chloroaniline
Concen: 15.81 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:127 Resp: 128156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 25.9 | 38.9 |
| 65 | 27.3 | 25.0 | 37.4 |
| 92 | 18.3 | 15.2 | 22.8 |

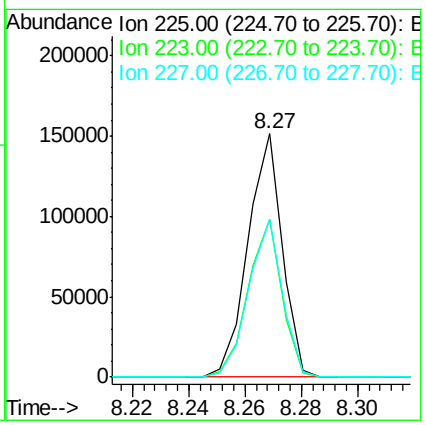


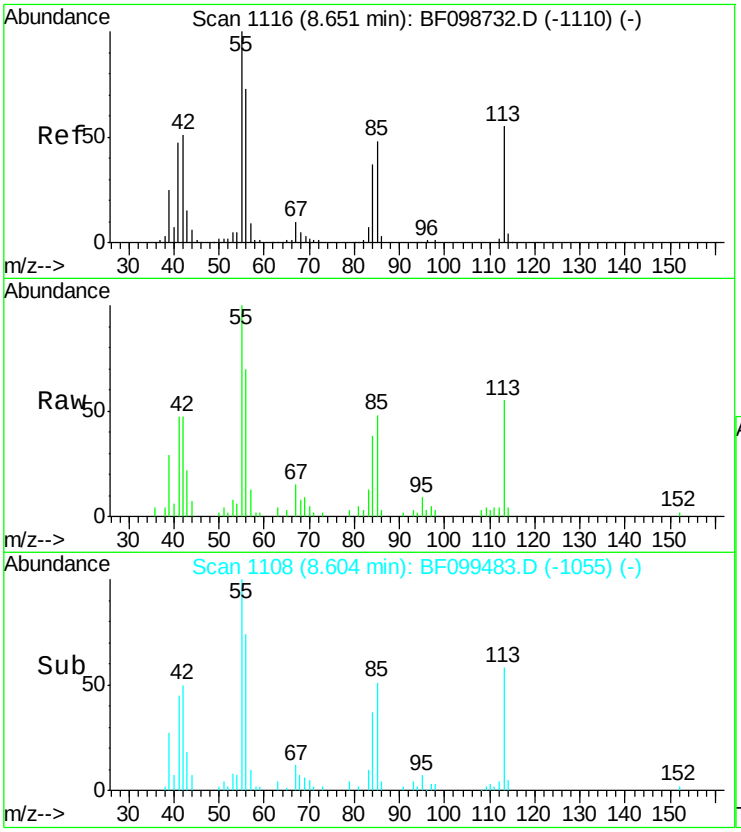




#34
Hexachlorobutadiene
Concen: 43.27 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:225 Resp: 127101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.9 | 50.6 | 76.0 |
| 227 | 64.9 | 51.9 | 77.9 |



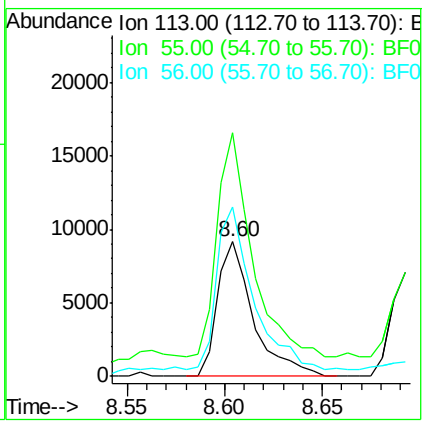


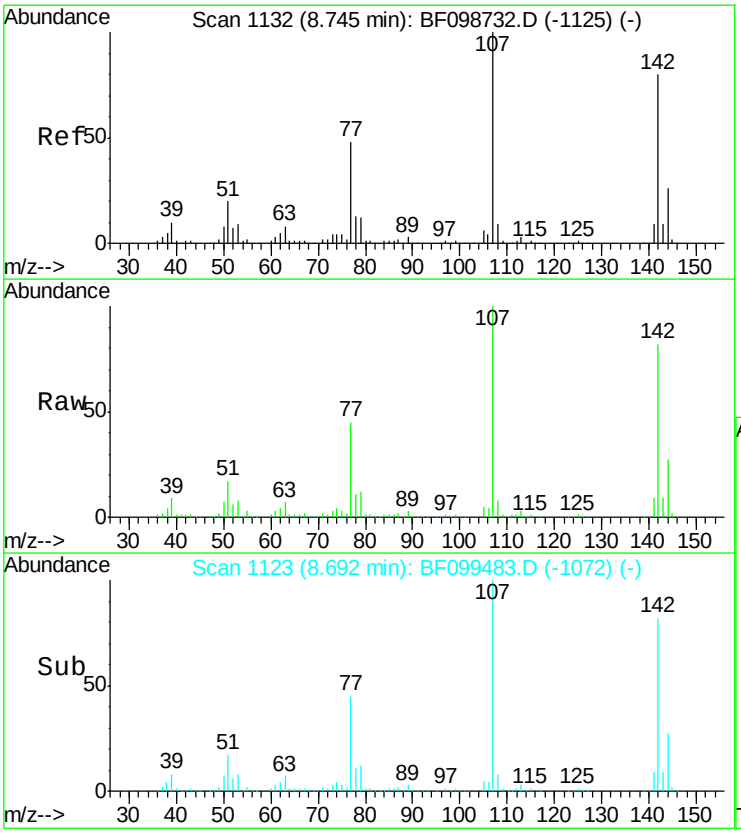

#35
Caprolactam
Concen: 6.36 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:113 Resp: 11630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 181.0 | 163.3 | 203.3 |
| 56 | 126.1 | 115.7 | 155.7 |

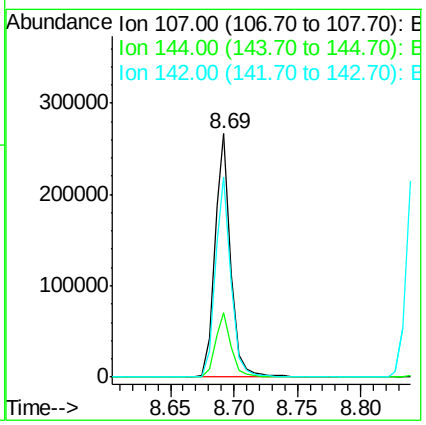


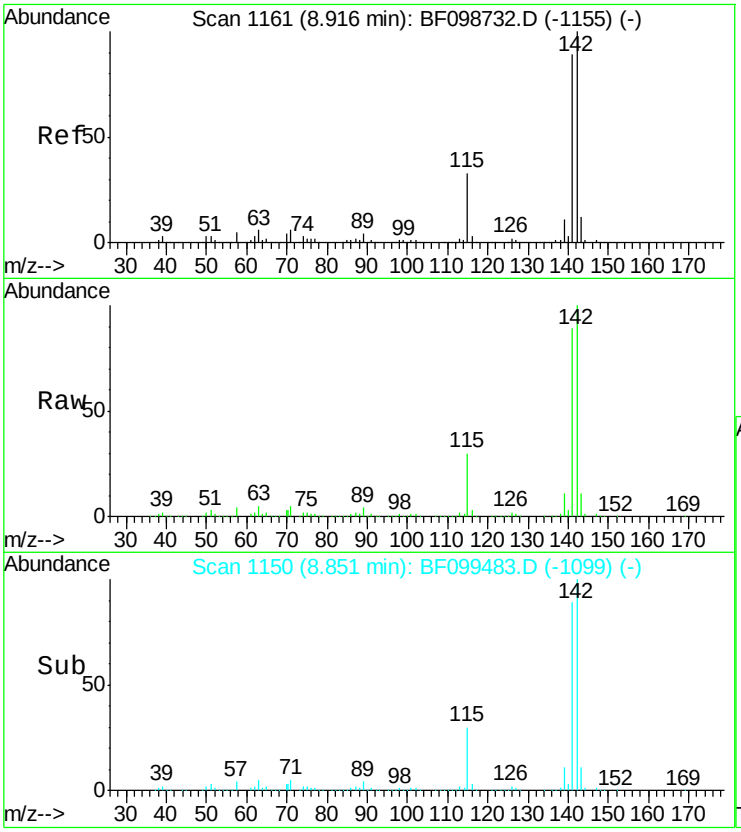




#36
4-Chloro-3-methylphenol
Concen: 36.45 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:107 Resp: 233602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 20.5 | 30.7 |
| 142 | 82.3 | 62.0 | 93.0 |



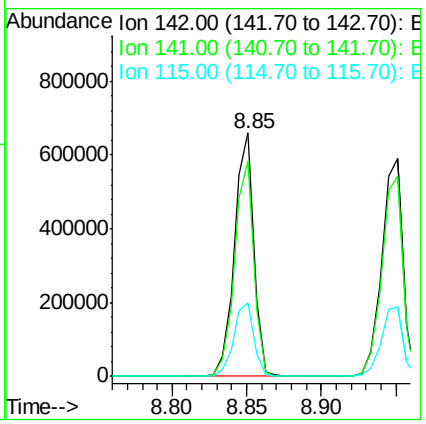


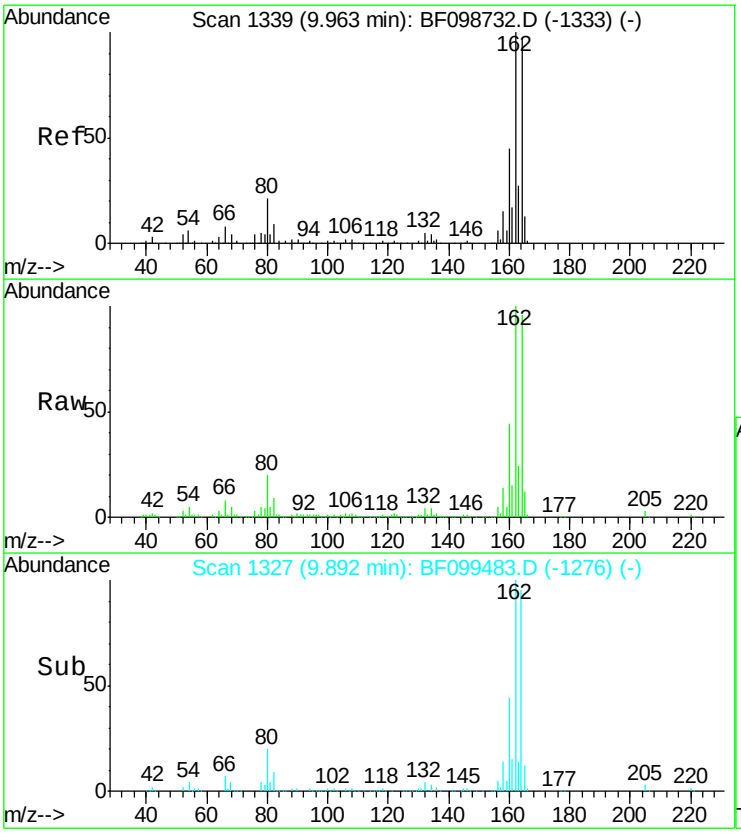

#37
2-Methylnaphthalene
Concen: 47.69 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:142 Resp: 601932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 70.8 | 106.2 |
| 115 | 30.4 | 26.1 | 39.1 |

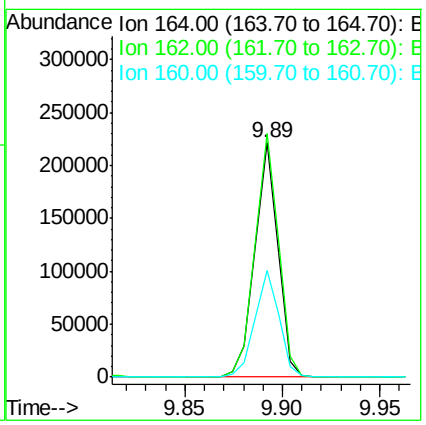


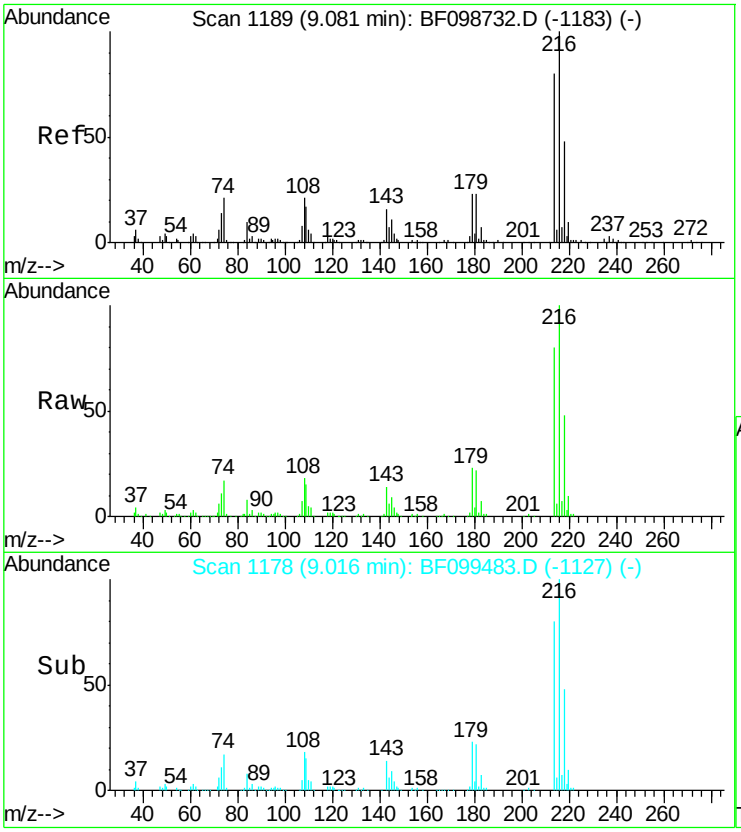




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:164 Resp: 182897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.9 | 86.1 | 129.1 |
| 160 | 45.7 | 38.3 | 57.5 |



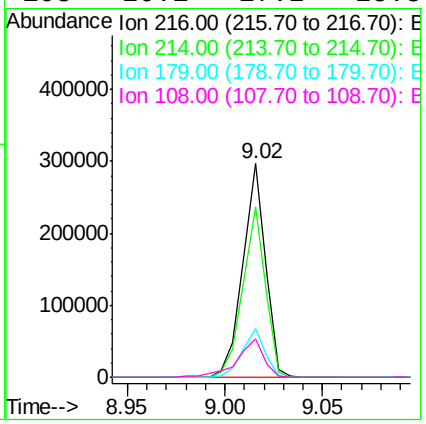


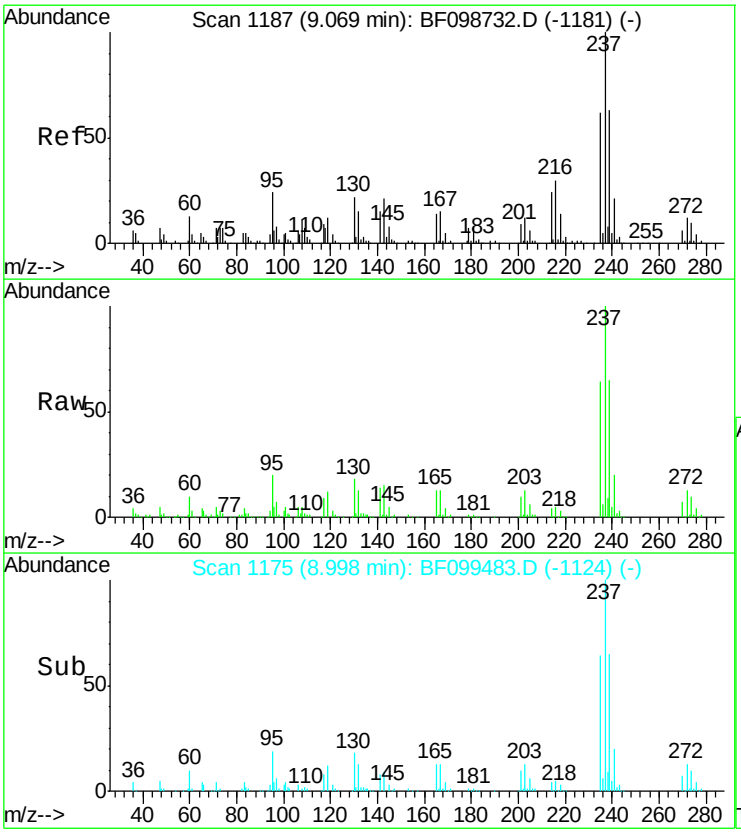

#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.07 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:216 Resp: 240354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 63.0 | 94.4 |
| 179 | 22.6 | 18.1 | 27.1 |
| 108 | 20.1 | 17.2 | 25.8 |

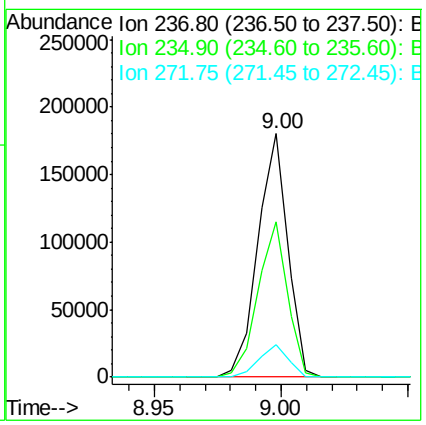


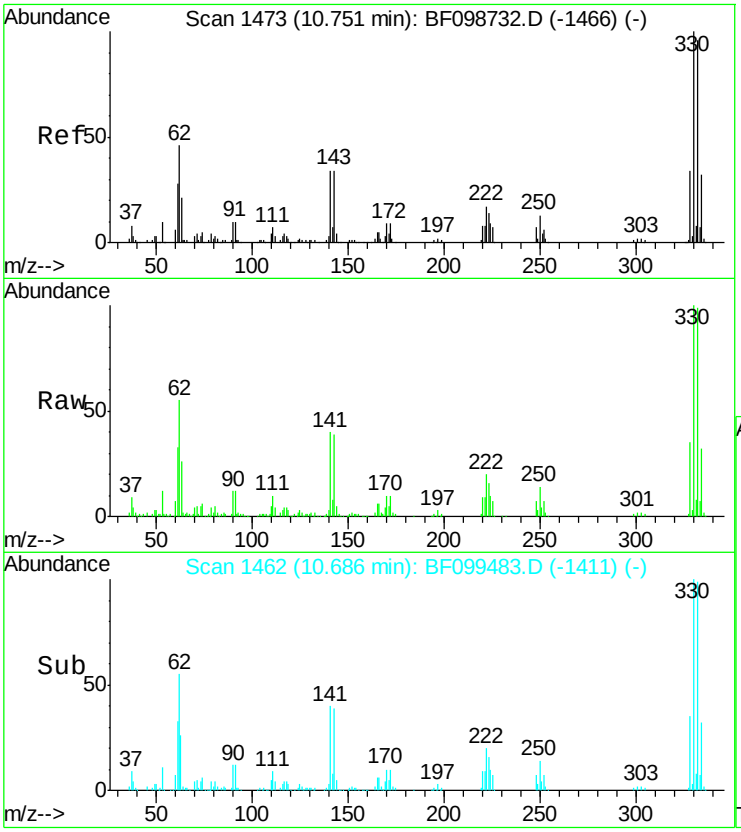




#40
Hexachlorocyclopentadiene
Concen: 59.68 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:237 Resp: 148752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 44.8 | 84.8 |
| 272 | 13.2 | 0.0 | 33.3 |



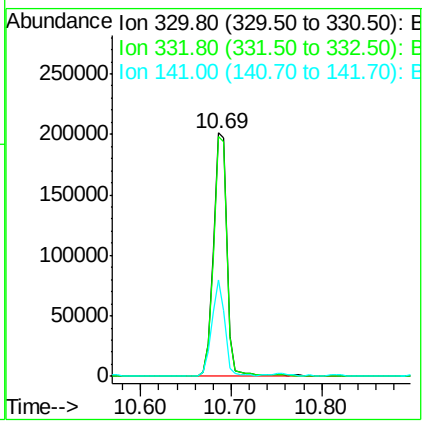


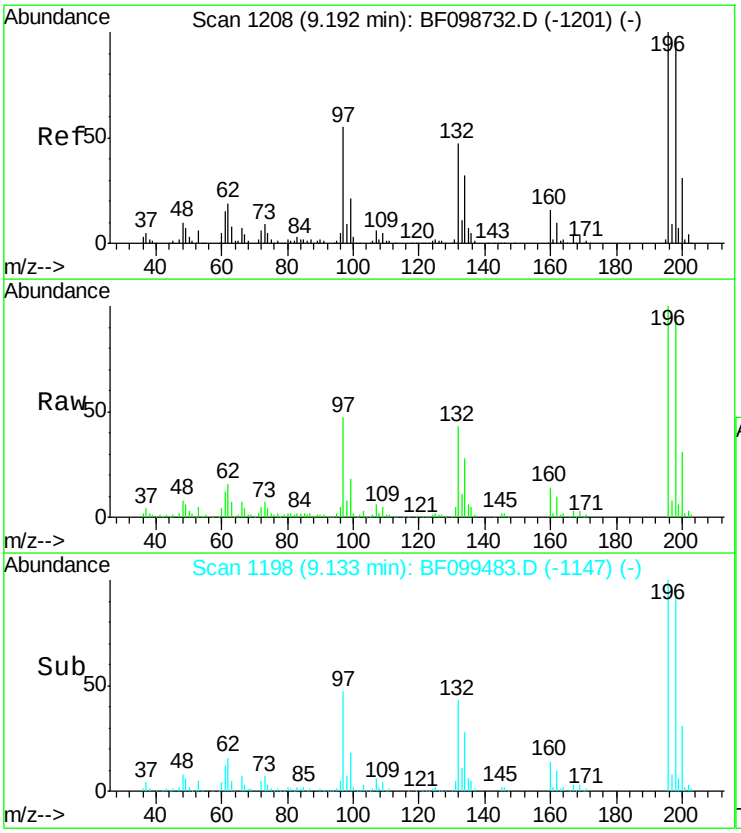

#41
2,4,6-Tribromophenol
Concen: 139.98 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:330 Resp: 209489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 38.4 | 29.9 | 44.9 |

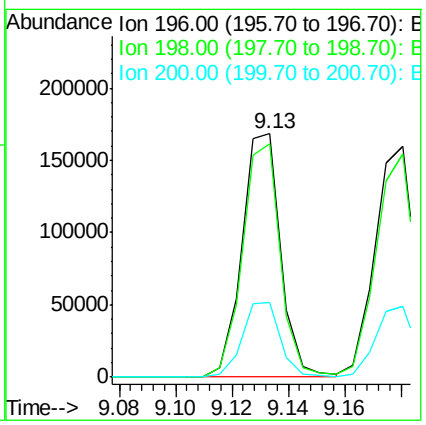


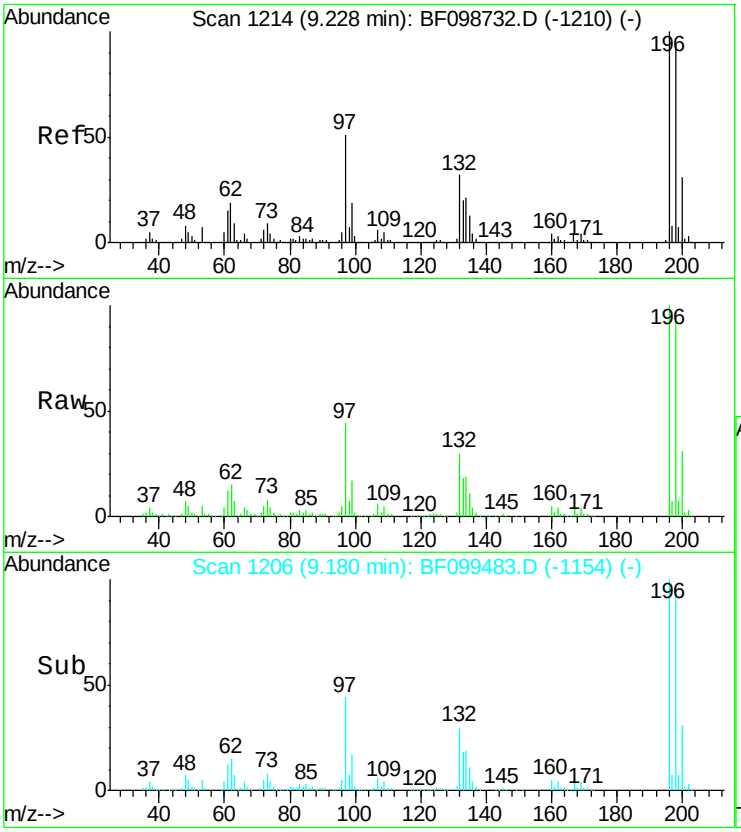




#42
2,4,6-Trichlorophenol
Concen: 41.39 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:196 Resp: 159929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 75.7 | 113.5 |
| 200 | 30.8 | 24.5 | 36.7 |



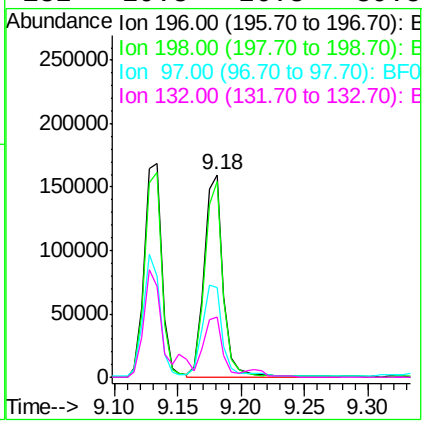


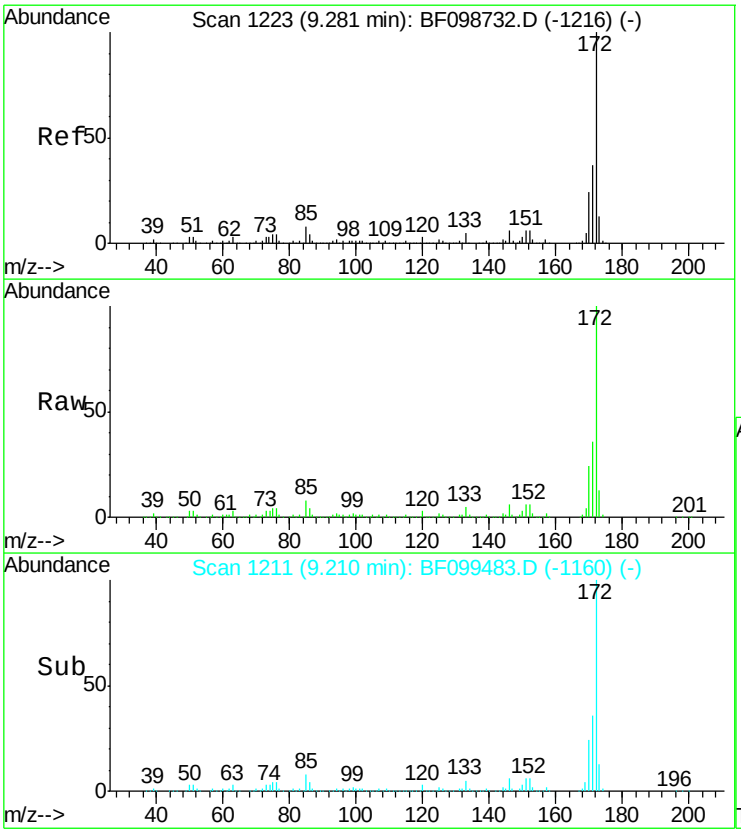

#43
2,4,5-Trichlorophenol
Concen: 43.27 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:196 Resp: 166925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 74.6 | 112.0 |
| 97 | 44.5 | 42.9 | 64.3 |
| 132 | 29.8 | 26.3 | 39.5 |

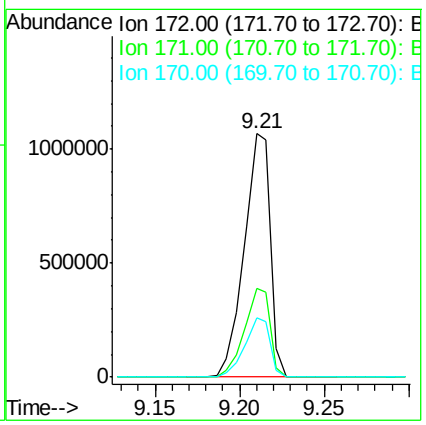


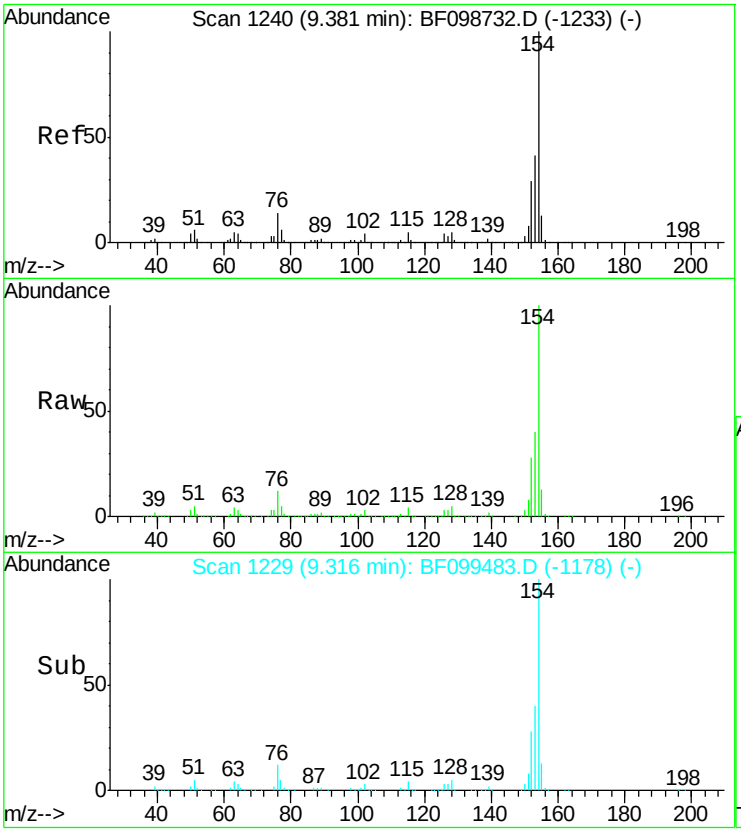




#44
2-Fluorobiphenyl
Concen: 105.32 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:172 Resp: 1153905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.7 | 44.5 |
| 170 | 24.3 | 19.6 | 29.4 |



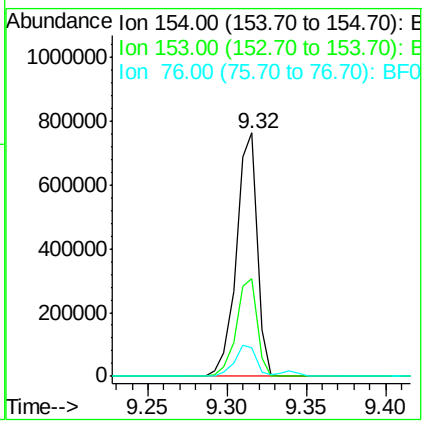


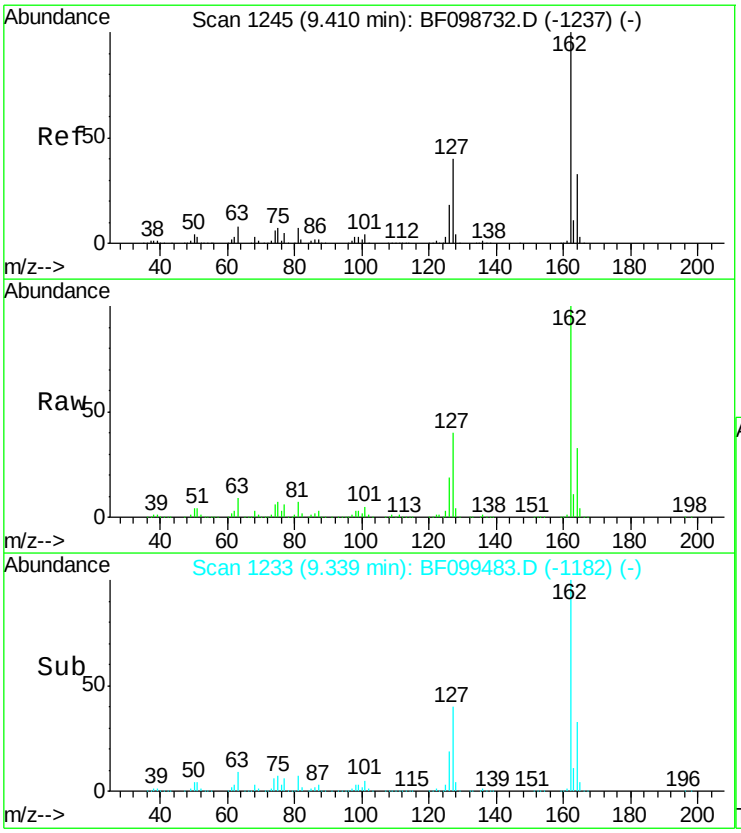

#45
1,1'-Biphenyl
Concen: 44.09 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:154 Resp: 693055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 21.3 | 61.3 |
| 76 | 11.9 | 0.0 | 34.0 |

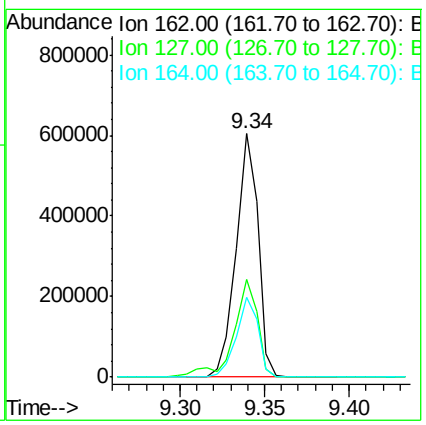


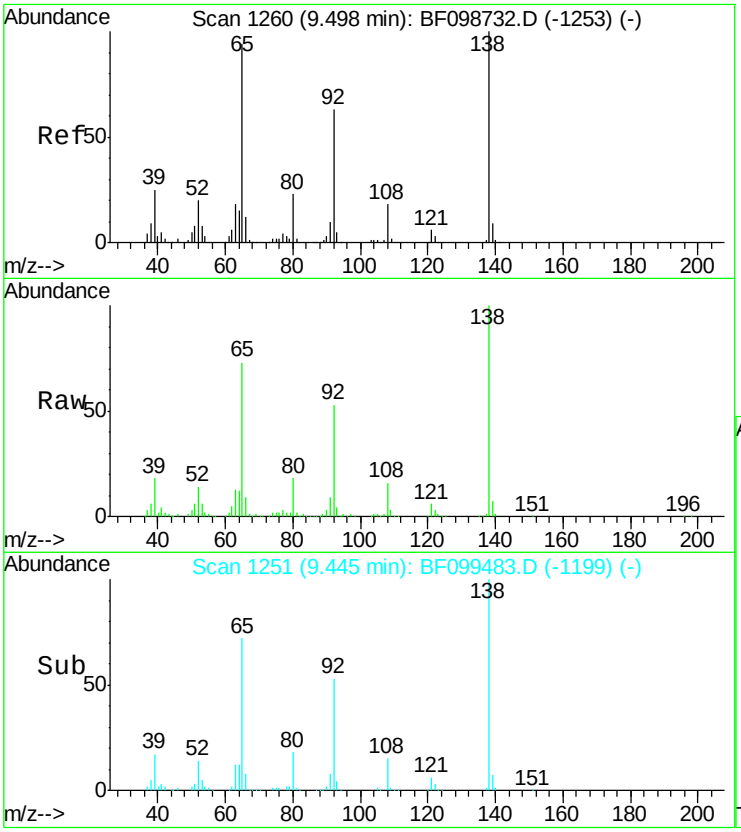




#46
2-Chloronaphthalene
Concen: 46.19 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:162 Resp: 545168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.2 | 33.9 | 50.9 |
| 164 | 32.9 | 26.5 | 39.7 |



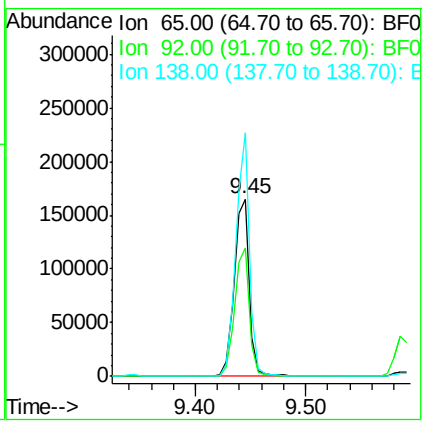


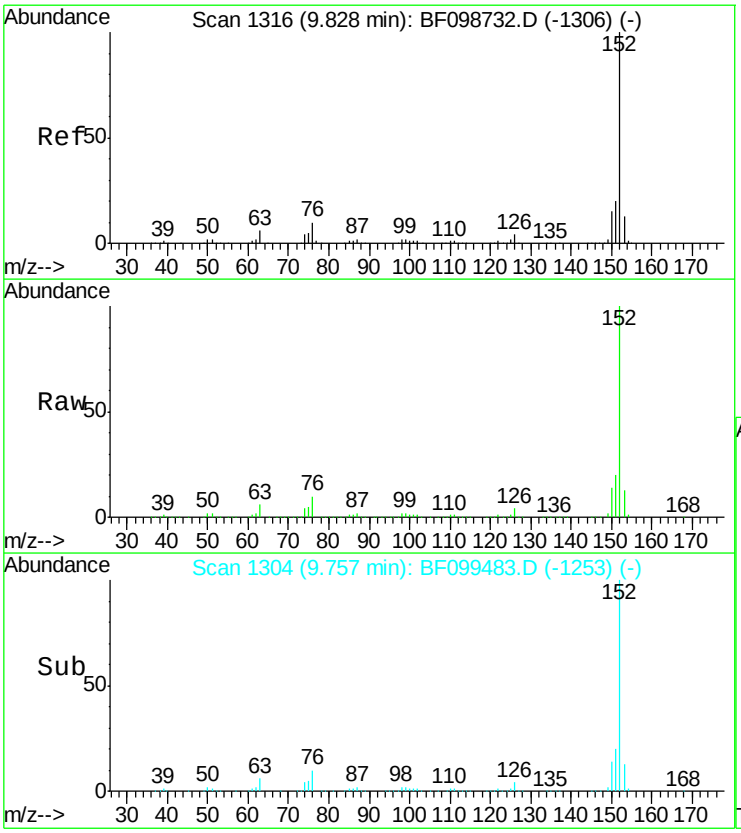

#47
2-Nitroaniline
Concen: 44.17 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion: 65 Resp: 159639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.4 | 55.8 | 83.6 |
| 138 | 137.4 | 91.2 | 136.8# |

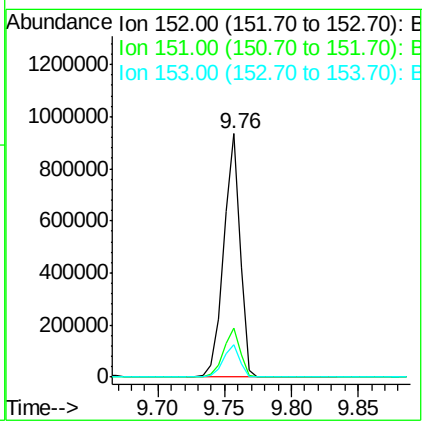


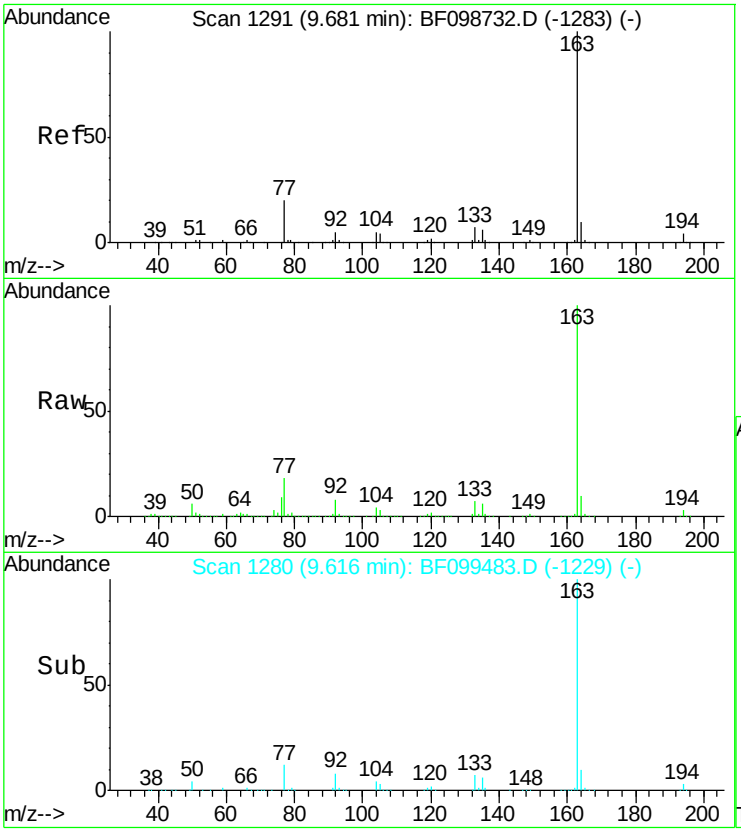




#48
Acenaphthylene
Concen: 45.10 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:152 Resp: 814773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.3 | 24.5 |
| 153 | 13.2 | 10.7 | 16.1 |



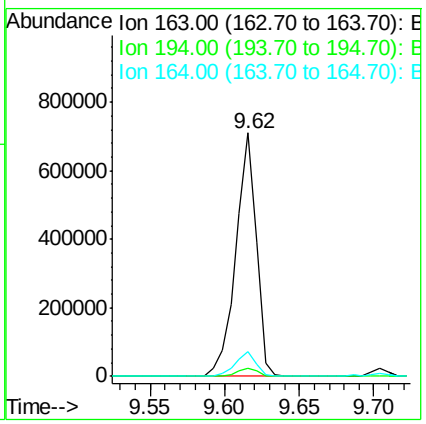


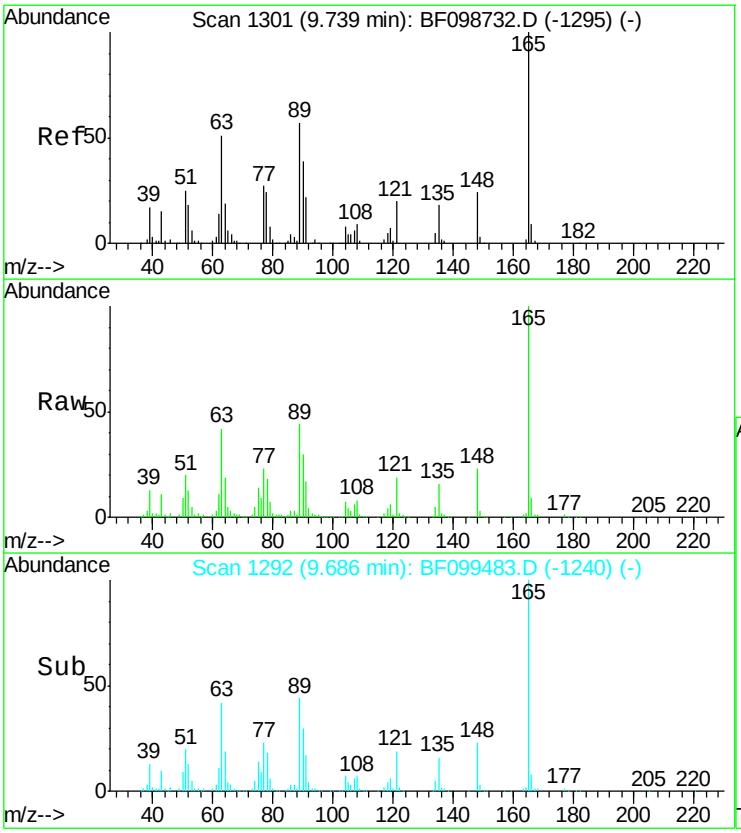

#49
Dimethylphthalate
Concen: 49.58 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:163 Resp: 684365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.7 | 4.1 |
| 164 | 10.0 | 8.2 | 12.2 |

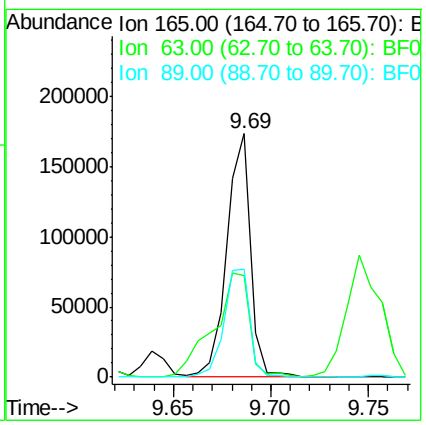


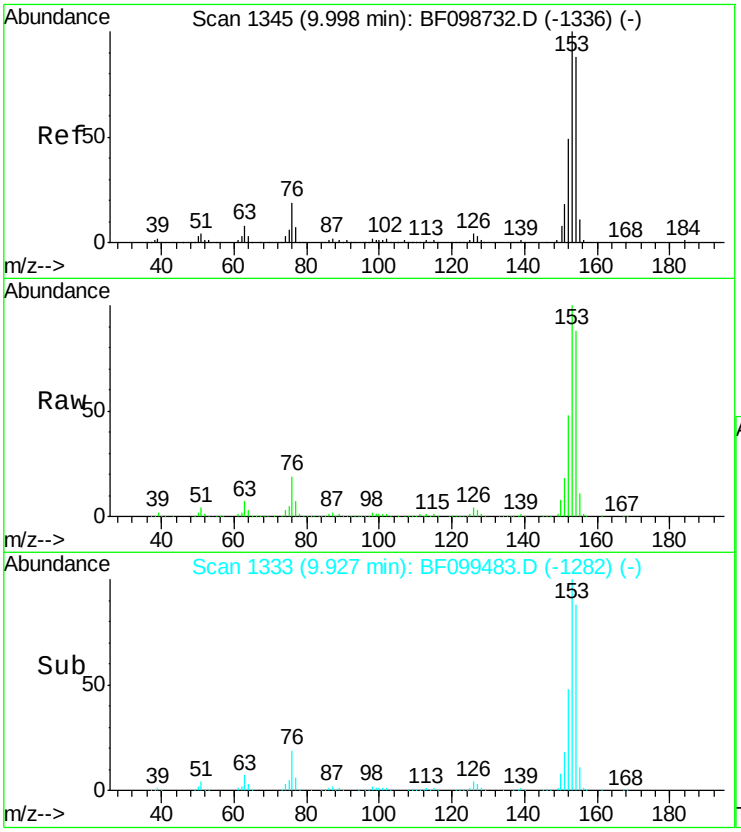




#50
2,6-Dinitrotoluene
Concen: 48.75 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:165 Resp: 146520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.6 | 44.7 | 67.1# |
| 89 | 44.5 | 44.0 | 66.0 |



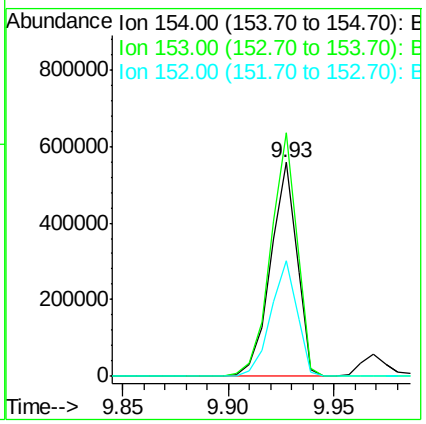


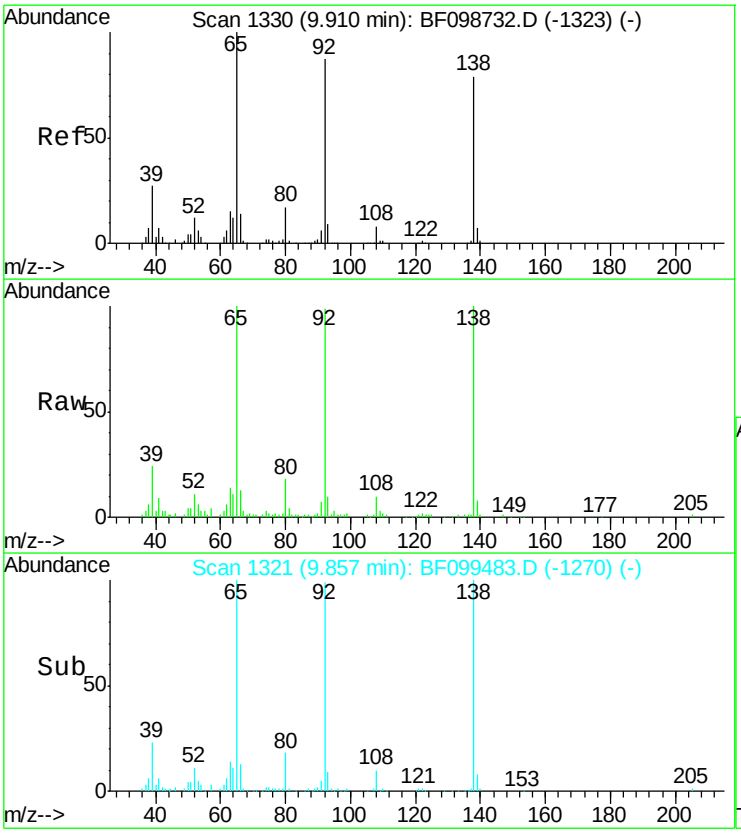

#51
Acenaphthene
Concen: 42.30 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:154 Resp: 484116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.0 | 91.2 | 136.8 |
| 152 | 54.2 | 43.8 | 65.8 |

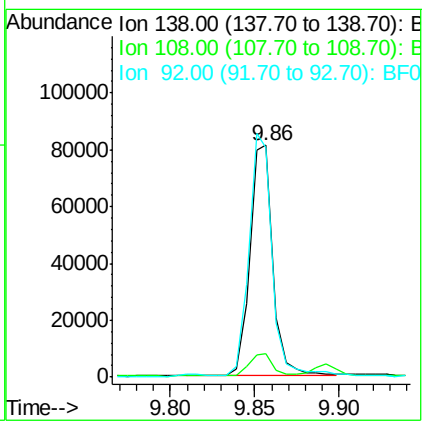


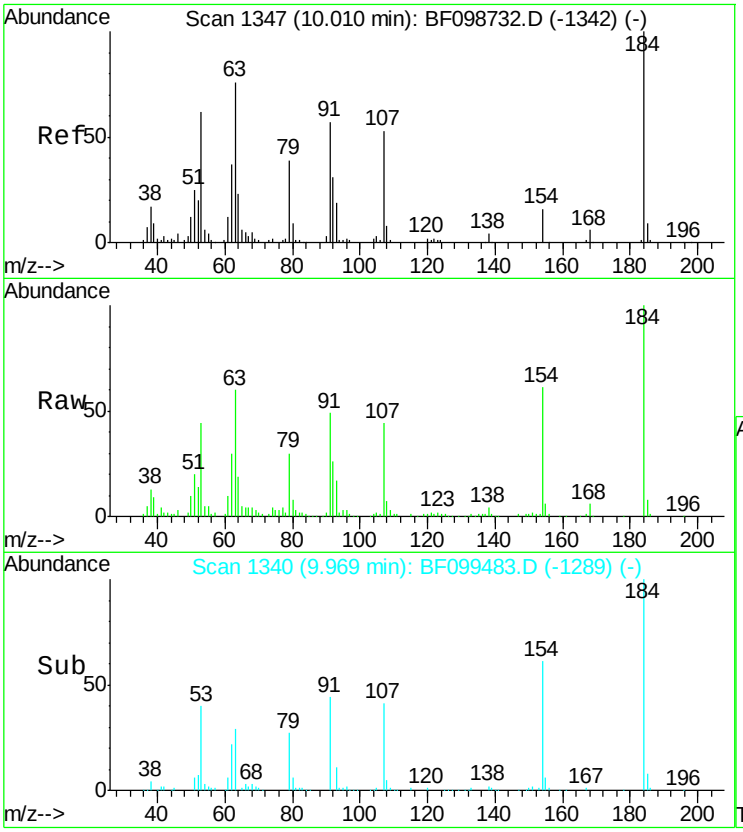




#52
3-Nitroaniline
Concen: 22.21 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:138 Resp: 77809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.3 | 9.4 | 14.0 |
| 92 | 99.0 | 89.4 | 134.2 |



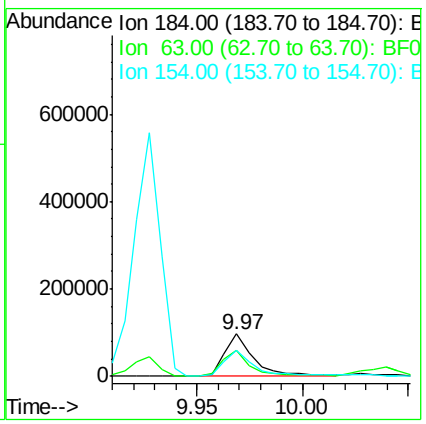


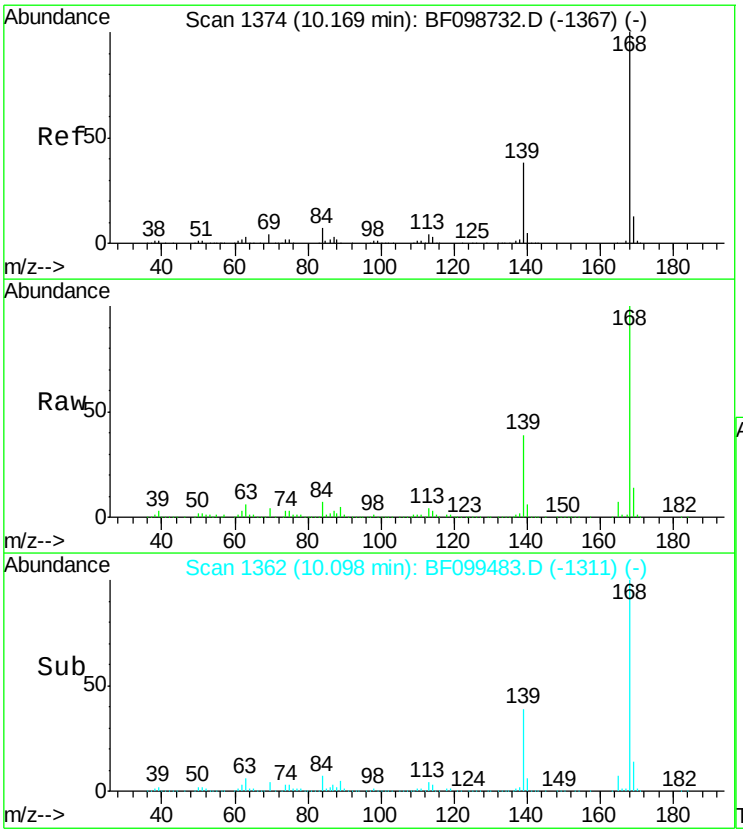

#53
2,4-Dinitrophenol
Concen: 61.42 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:184 Resp: 93808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 60.4 | 54.2 | 81.2 |
| 154 | 61.2 | 53.5 | 80.3 |

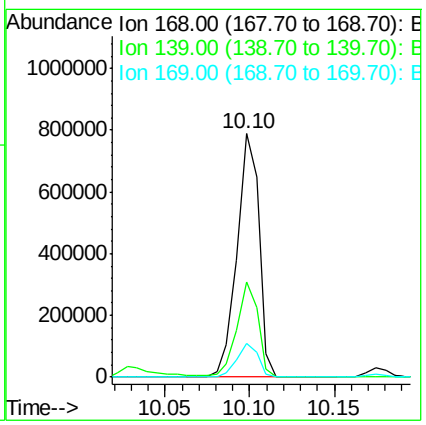


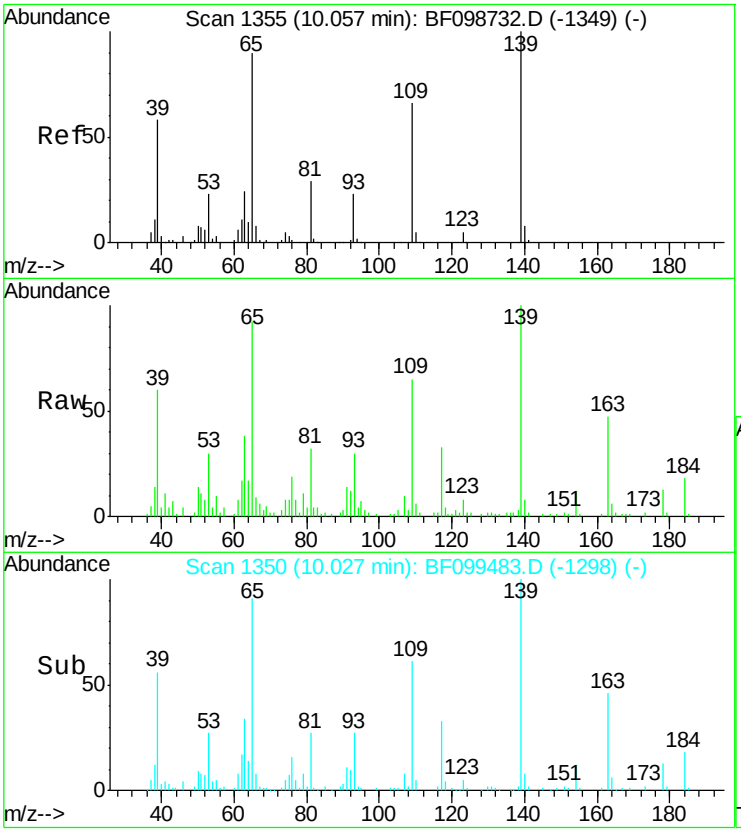




#54
Dibenzofuran
Concen: 46.92 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:168 Resp: 714998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.8 | 30.1 | 45.1 |
| 169 | 14.0 | 10.9 | 16.3 |



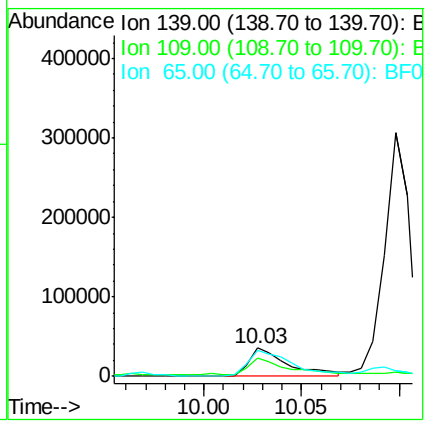


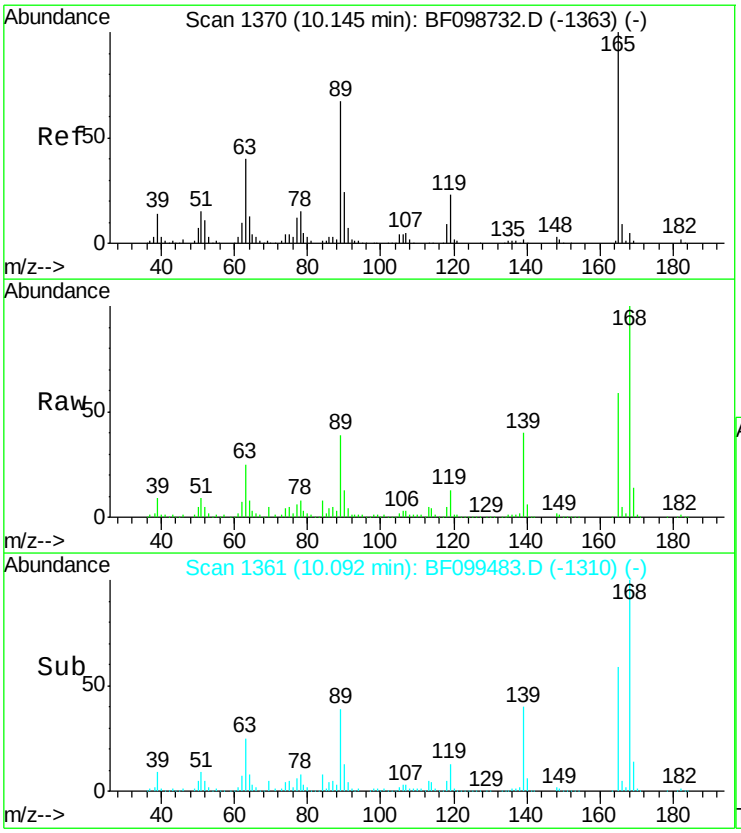

#55
4-Nitrophenol
Concen: 16.19 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:139 Resp: 47975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 65.1 | 48.4 | 88.4 |
| 65 | 91.9 | 72.6 | 112.6 |

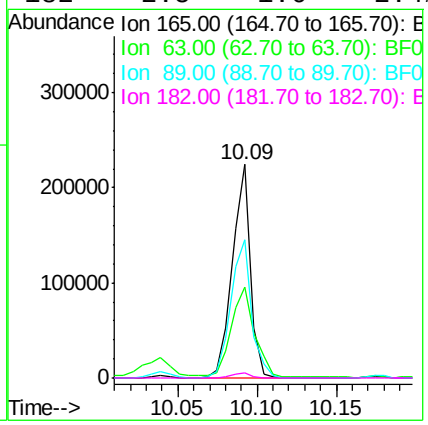


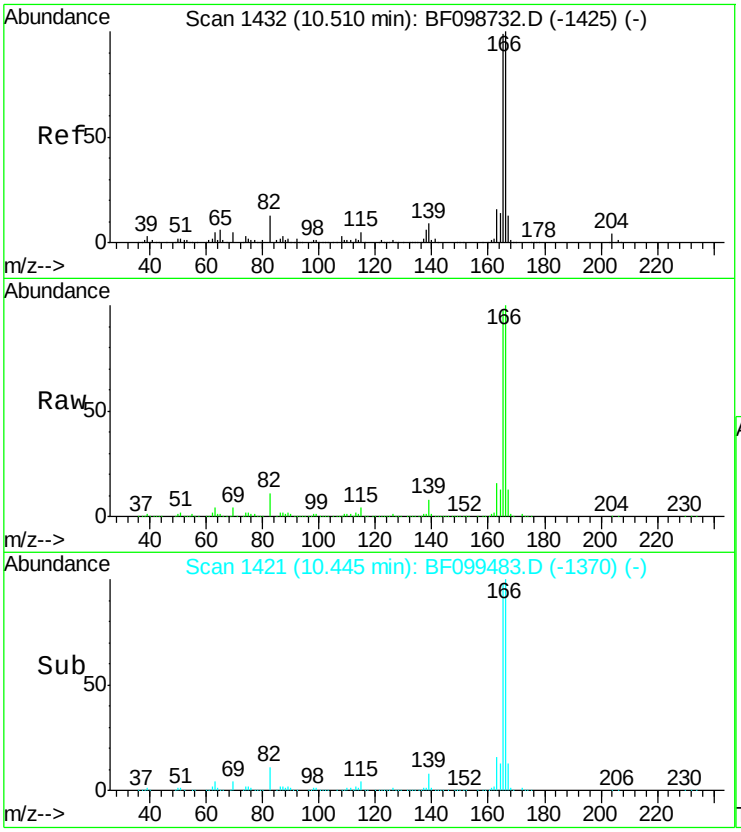




#56
2,4-Dinitrotoluene
Concen: 45.65 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:165 Resp: 178031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.4 | 36.4 | 54.6 |
| 89 | 65.0 | 57.8 | 86.6 |
| 182 | 2.5 | 1.6 | 2.4# |



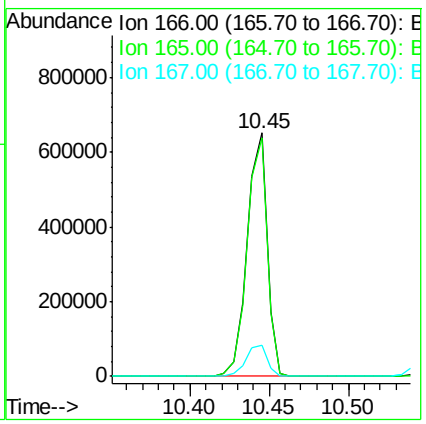


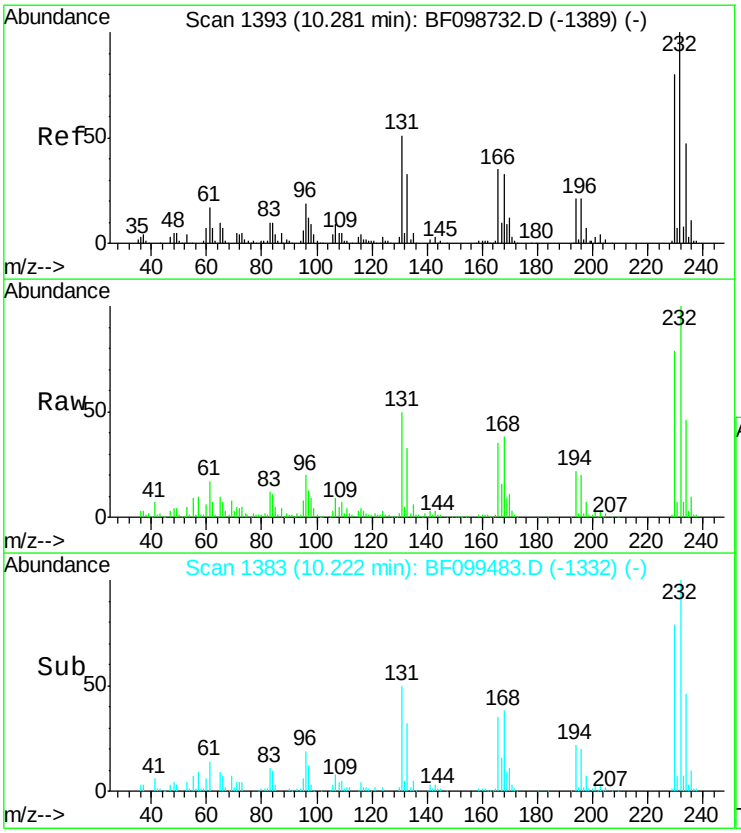

#57
Fluorene
Concen: 46.43 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:166 Resp: 568669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.1 | 79.8 | 119.8 |
| 167 | 12.8 | 10.6 | 16.0 |

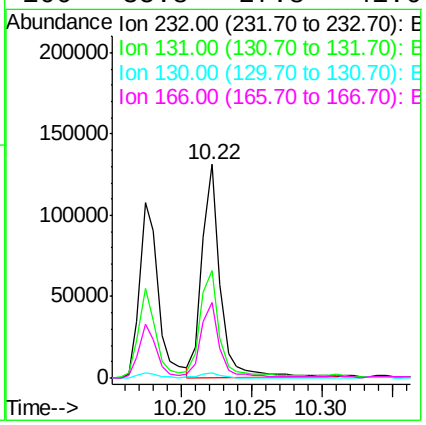


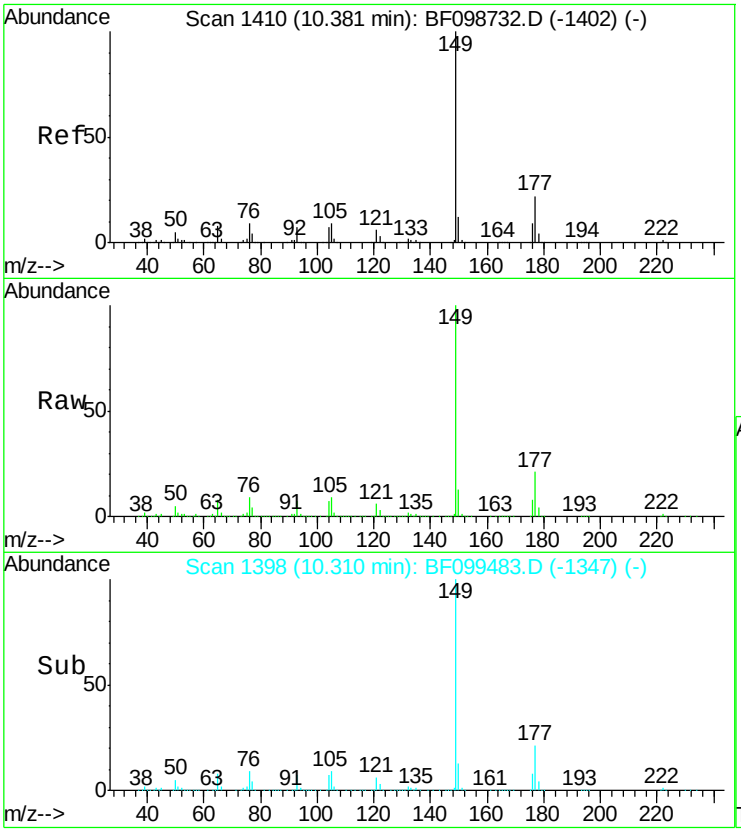




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.94 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:232 Resp: 117081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.3 | 43.8 | 65.8 |
| 130 | 3.1 | 2.1 | 3.1 |
| 166 | 35.8 | 27.8 | 41.6 |



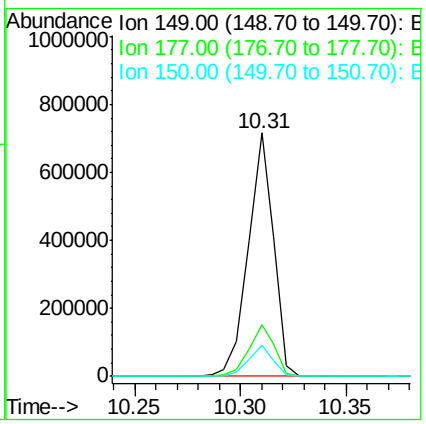


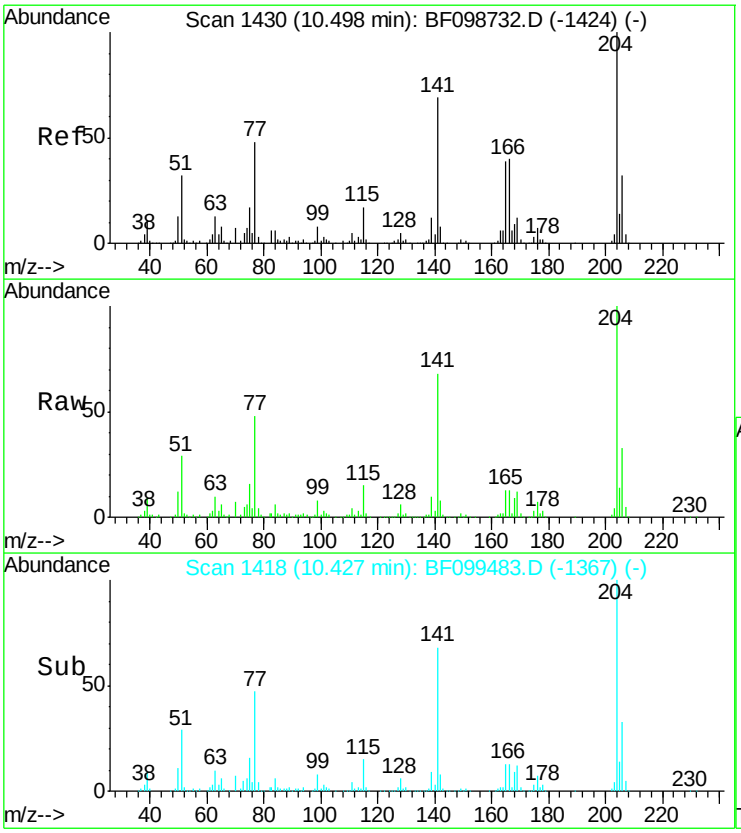

#59
Diethylphthalate
Concen: 44.18 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:149 Resp: 595894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.1 | 16.1 | 24.1 |
| 150 | 12.6 | 10.1 | 15.1 |

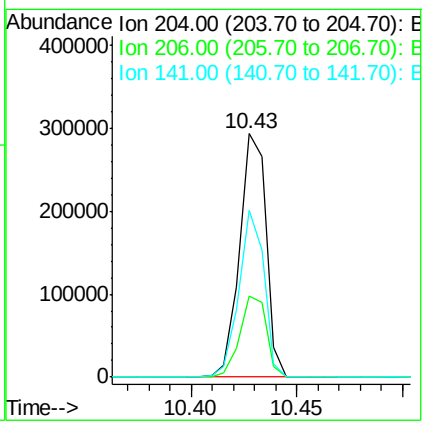


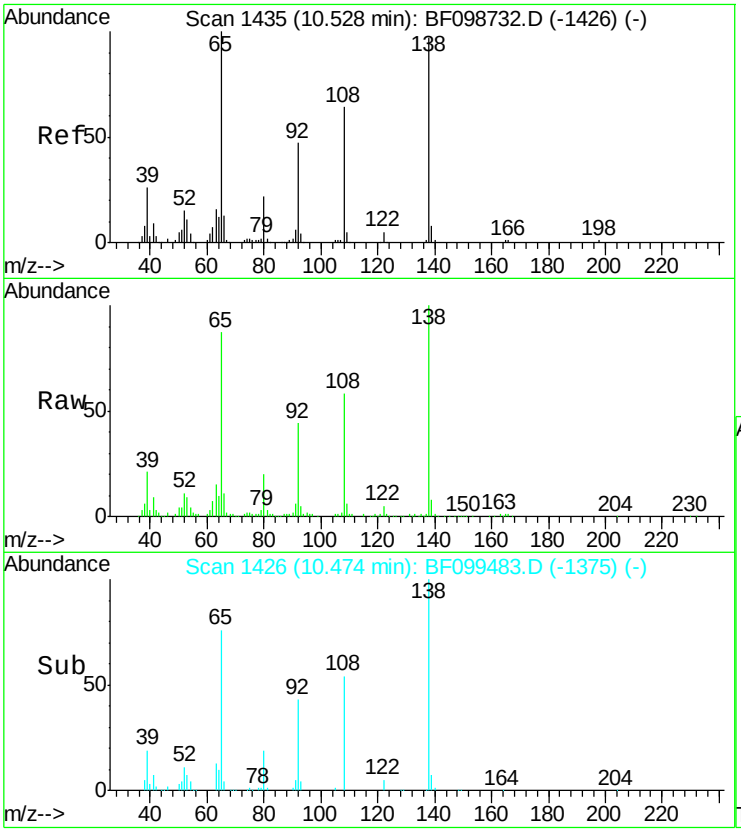




#60
4-Chlorophenyl-phenylether
Concen: 46.38 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:204 Resp: 255157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 26.5 | 39.7 |
| 141 | 68.4 | 54.6 | 81.8 |



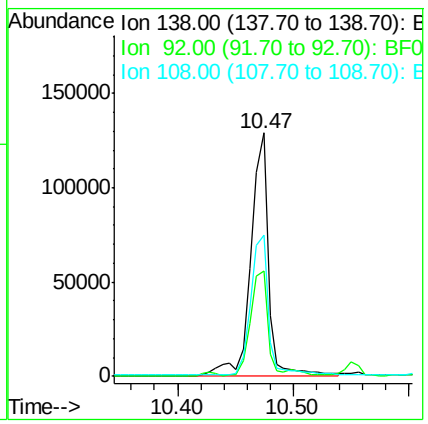


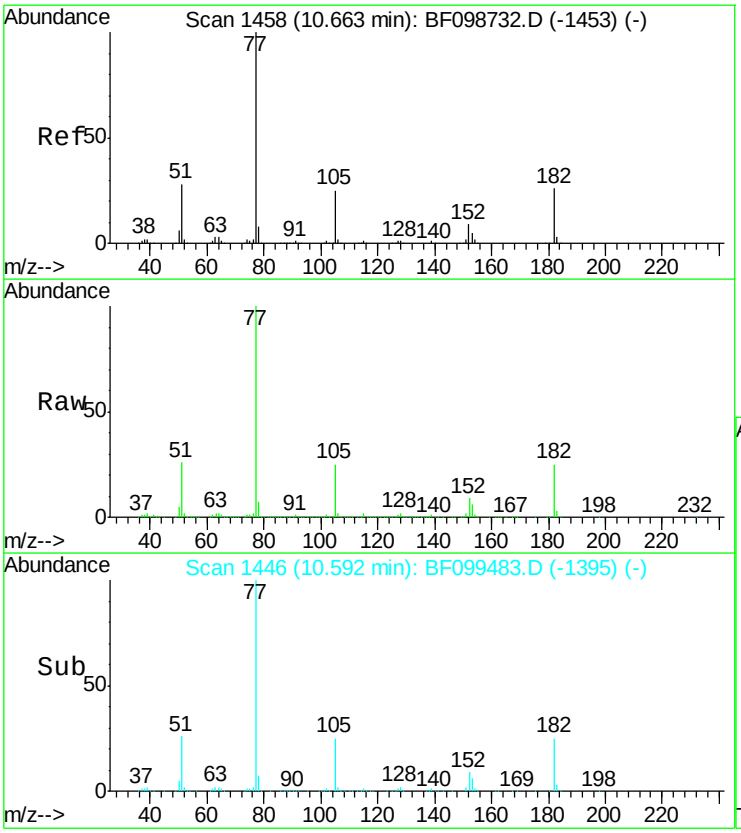

#61
4-Nitroaniline
Concen: 40.38 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:138 Resp: 136516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 43.5 | 30.2 | 70.2 |
| 108 | 58.0 | 52.5 | 92.5 |

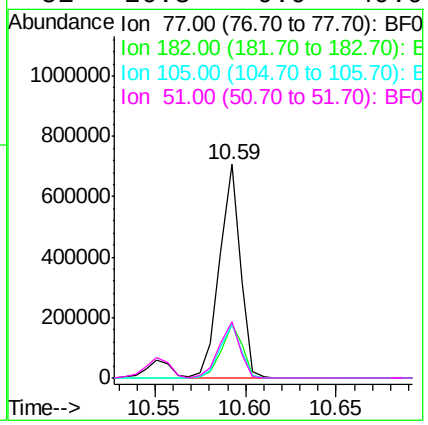


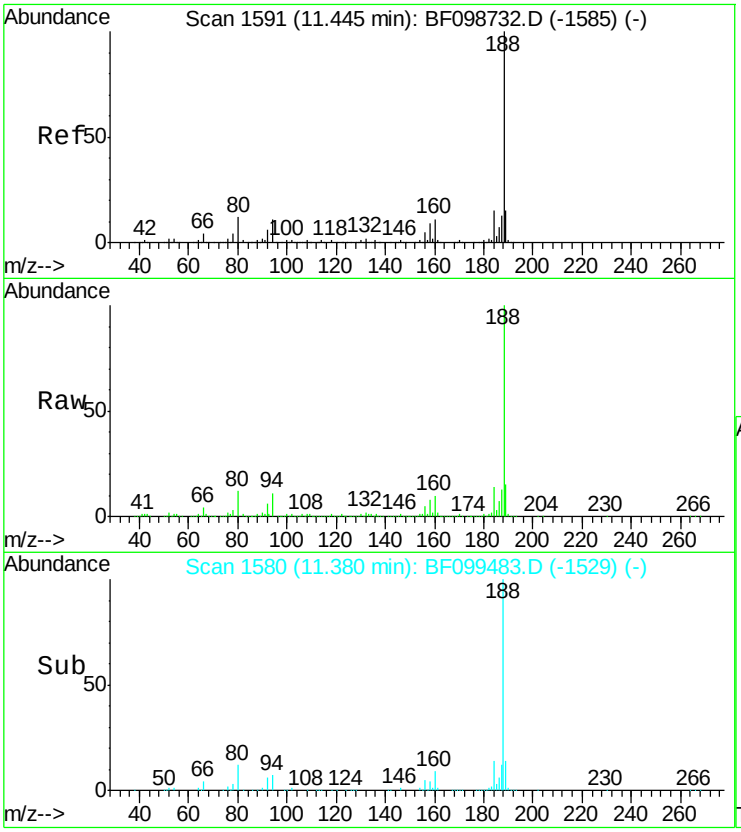




#62
Azobenzene
Concen: 45.06 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion: 77 Resp: 558819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.2 | 1.7 | 41.7 |
| 105 | 25.0 | 3.0 | 43.0 |
| 51 | 26.3 | 9.9 | 49.9 |



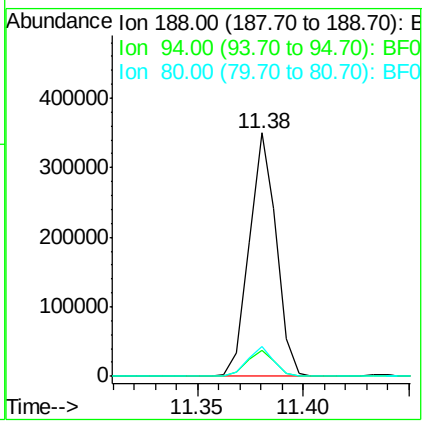


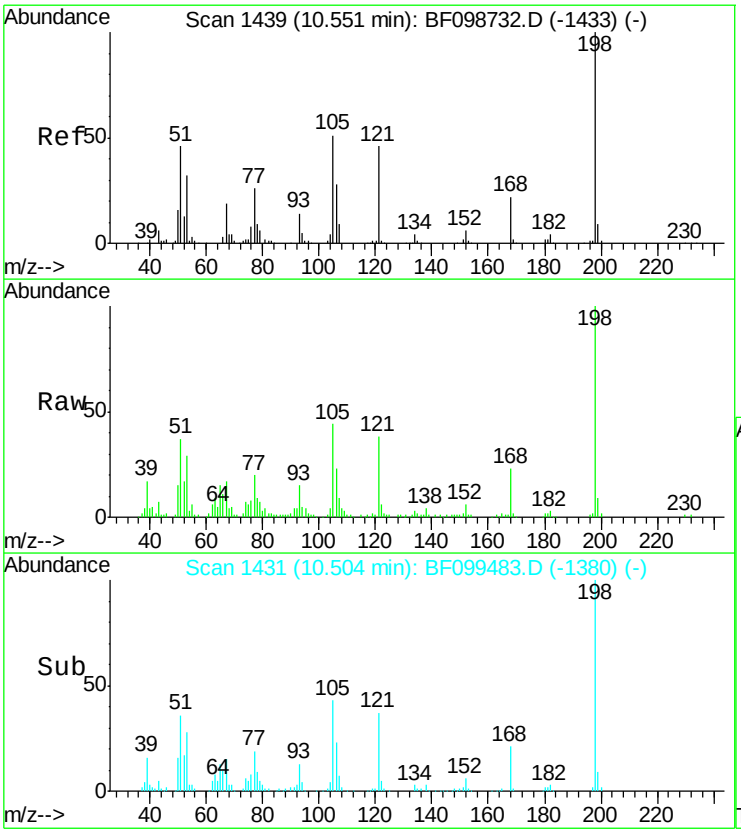

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:188 Resp: 311830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.5 | 12.7 |
| 80 | 12.0 | 9.2 | 13.8 |

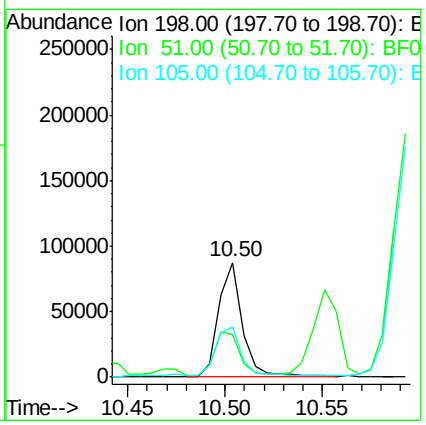


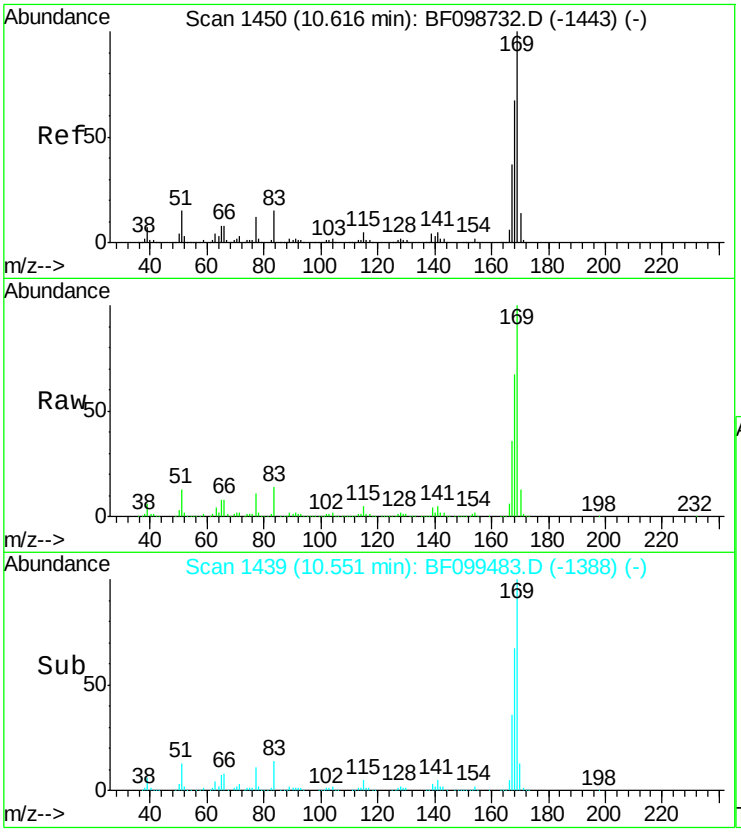




#64
4,6-Dinitro-2-methylphenol
Concen: 39.35 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:198 Resp: 74665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.1 | 37.7 | 77.7# |
| 105 | 43.9 | 36.3 | 76.3 |



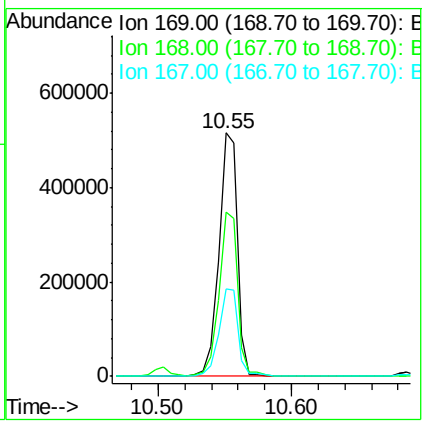


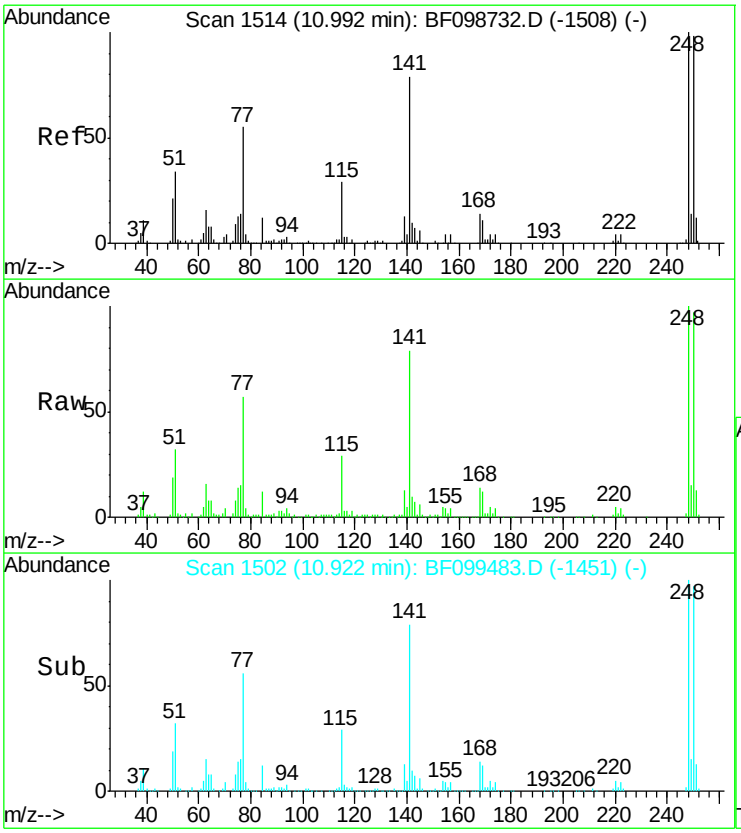

#65
n-Nitrosodiphenylamine
Concen: 46.62 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:169 Resp: 503631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 54.4 | 81.6 |
| 167 | 35.9 | 29.8 | 44.6 |

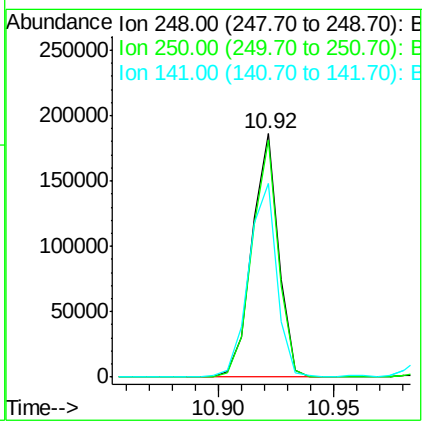


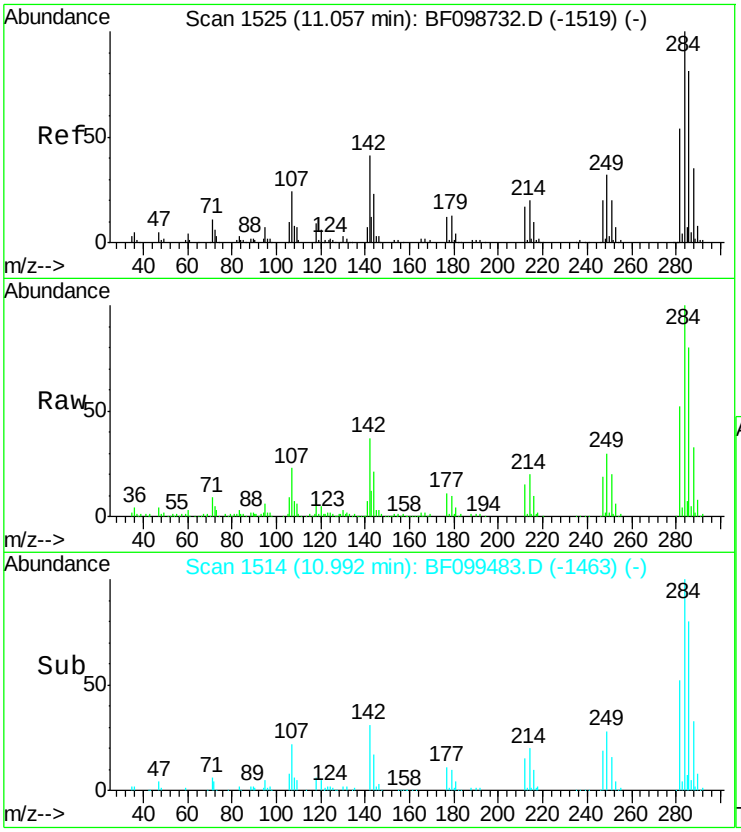




#66
4-Bromophenyl-phenylether
Concen: 48.98 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:248 Resp: 149509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 76.9 | 115.3 |
| 141 | 79.4 | 74.4 | 111.6 |



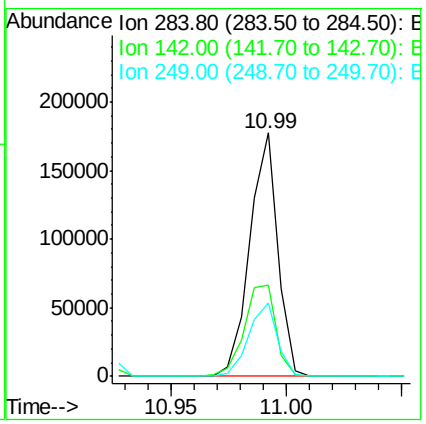


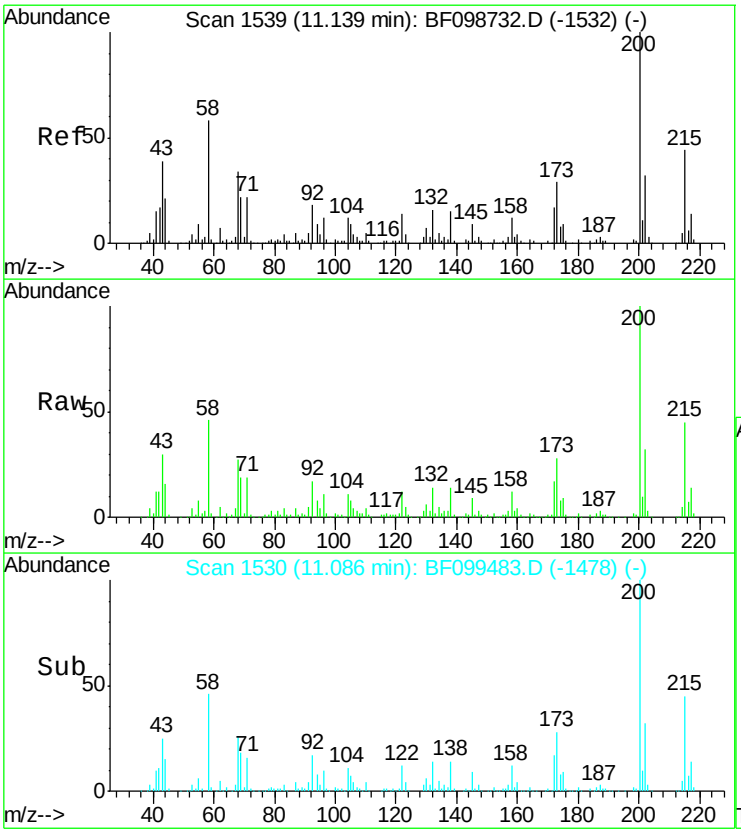

#67
Hexachlorobenzene
Concen: 46.23 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:284 Resp: 150702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 37.4 | 34.6 | 52.0 |
| 249 | 30.0 | 24.8 | 37.2 |

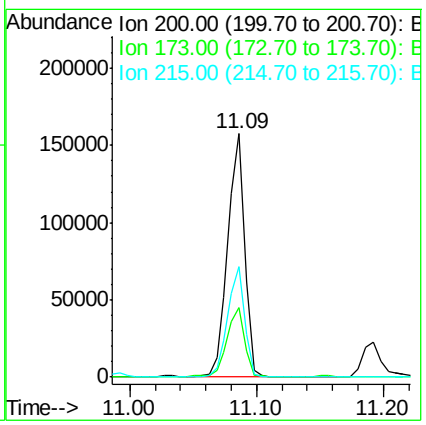


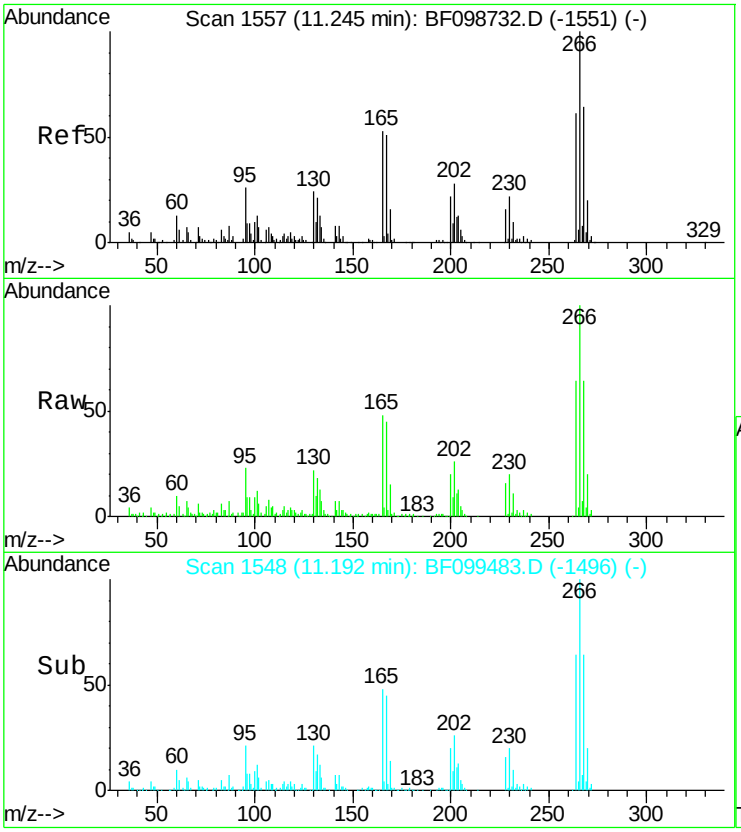




#68
Atrazine
Concen: 45.08 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:200 Resp: 146522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 8.6 | 48.6 |
| 215 | 45.3 | 25.1 | 65.1 |



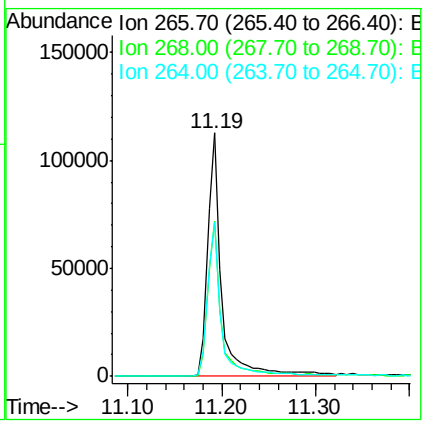


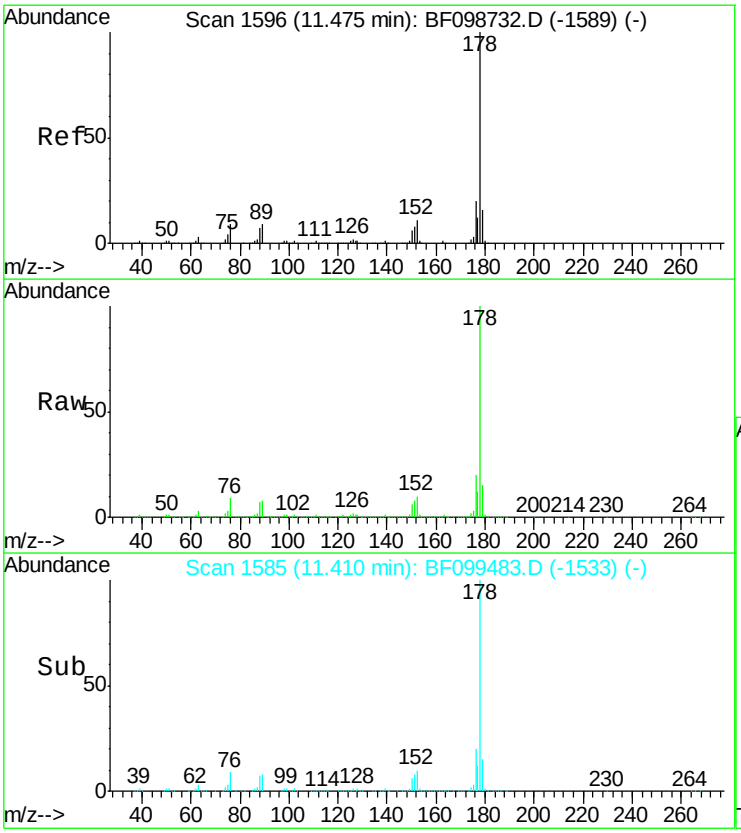

#69
Pentachlorophenol
Concen: 58.80 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:266 Resp: 119298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.8 | 51.1 | 76.7 |
| 264 | 63.5 | 49.5 | 74.3 |

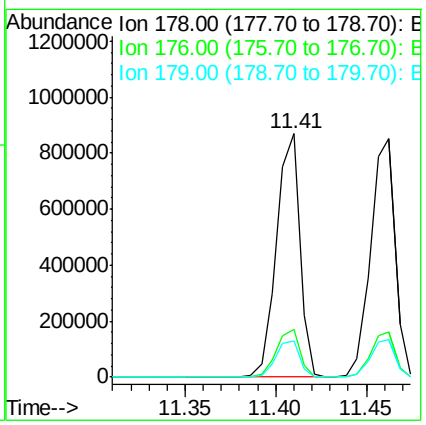


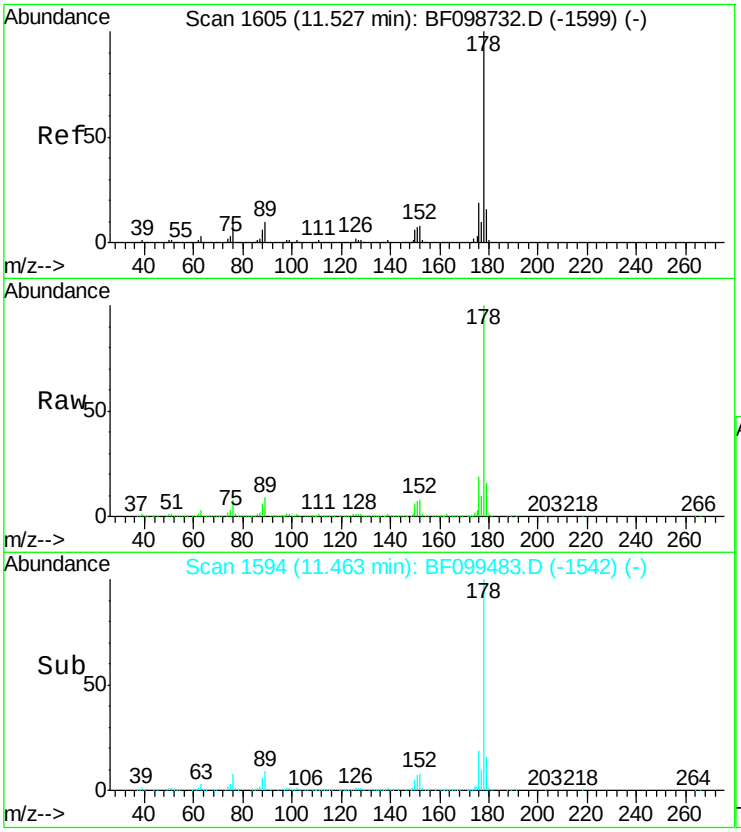




#70
Phenanthrene
Concen: 46.82 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:178 Resp: 781498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.8 |
| 179 | 15.1 | 13.0 | 19.6 |



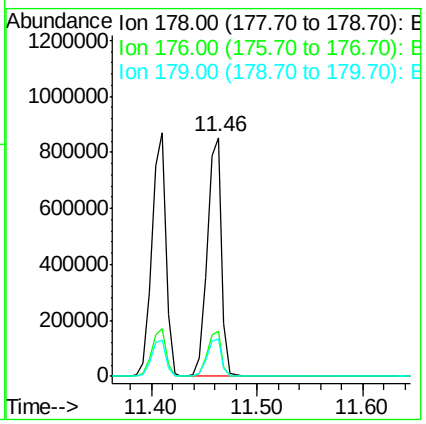


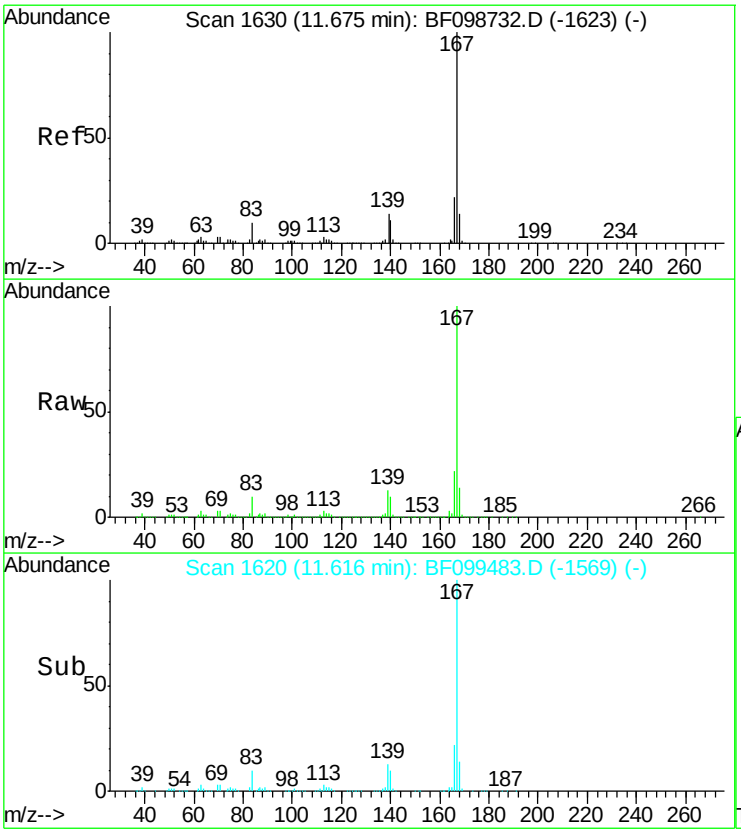

#71
Anthracene
Concen: 47.19 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:178 Resp: 805945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.4 | 23.2 |
| 179 | 15.7 | 12.6 | 19.0 |

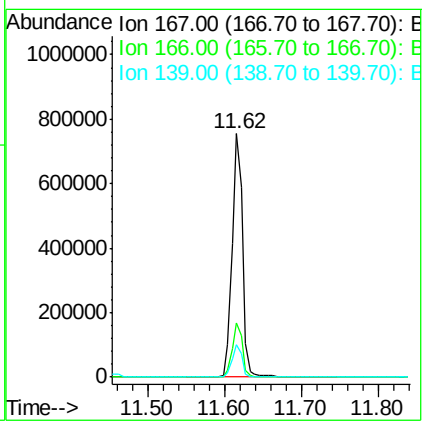


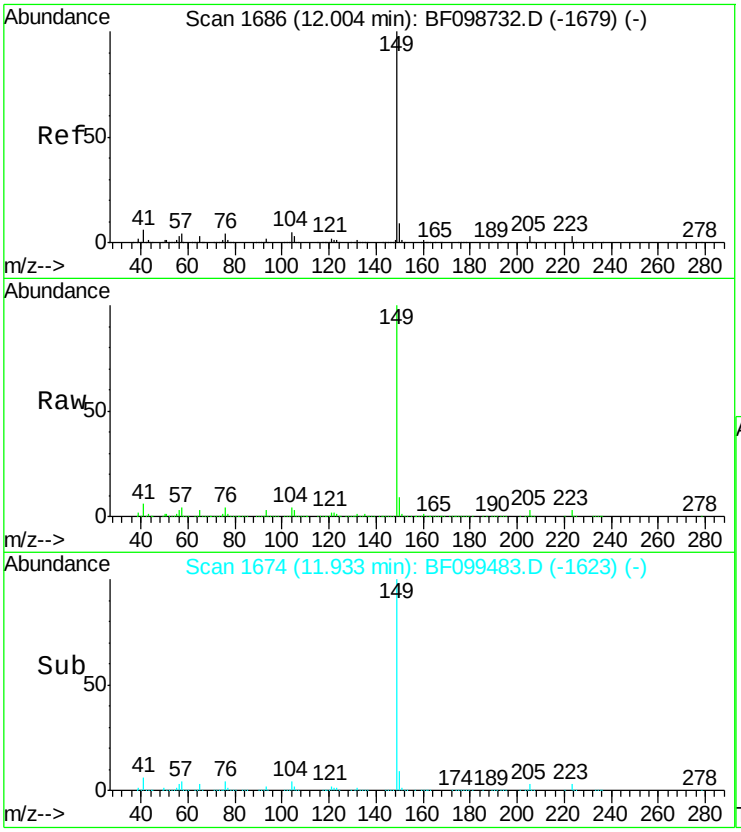




#72
Carbazole
Concen: 42.63 ng
RT: 11.62 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:167 Resp: 712980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.6 | 26.4 |
| 139 | 13.4 | 10.9 | 16.3 |



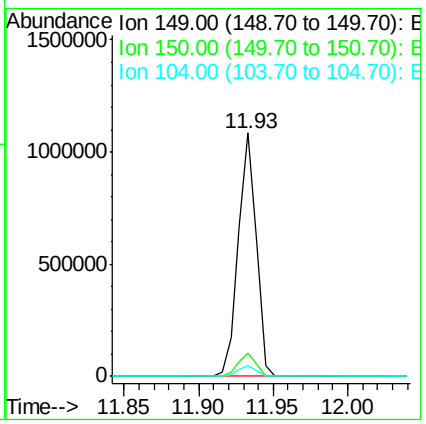


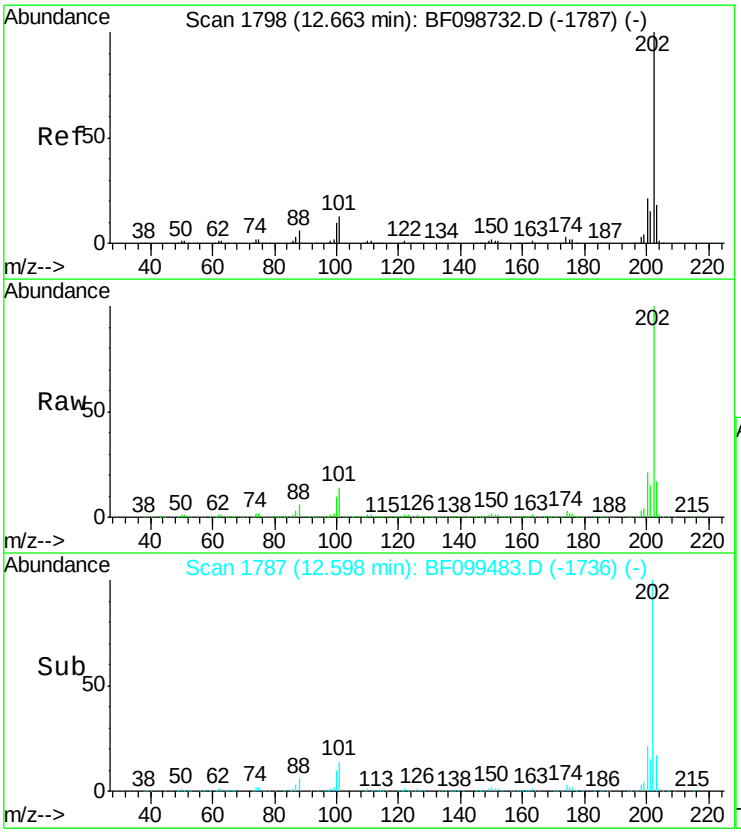

#73
Di-n-butylphthalate
Concen: 45.23 ng
RT: 11.93 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:149 Resp: 910518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.8 | 11.6 |
| 104 | 4.3 | 3.8 | 5.8 |

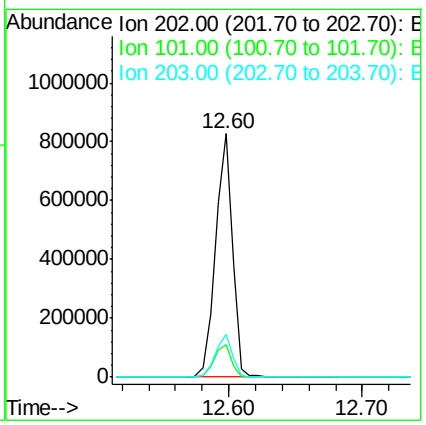


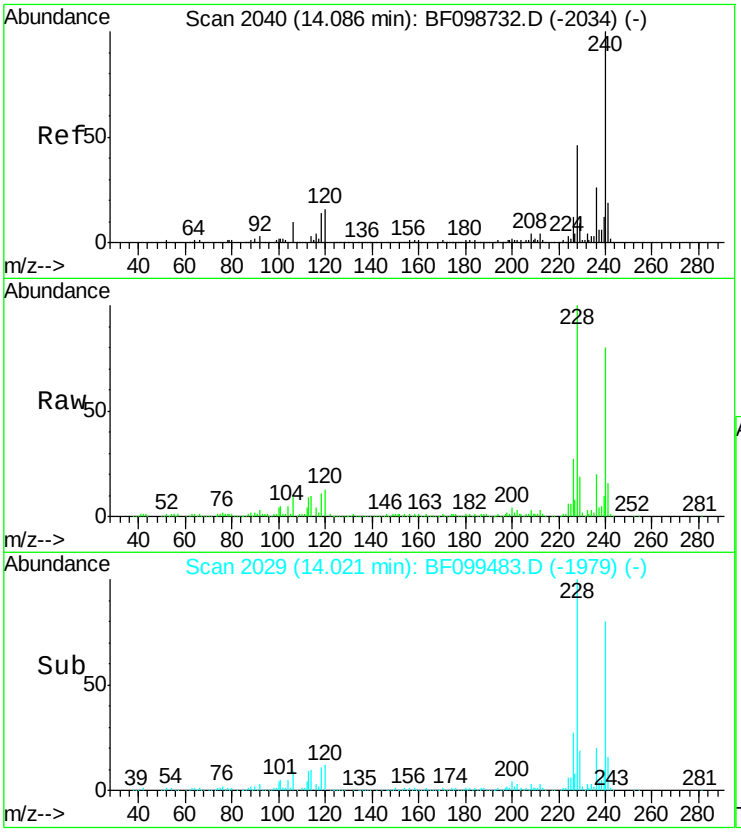




#74
Fluoranthene
Concen: 43.69 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:202 Resp: 738409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.6 | 0.0 | 34.1 |
| 203 | 17.5 | 0.0 | 38.1 |



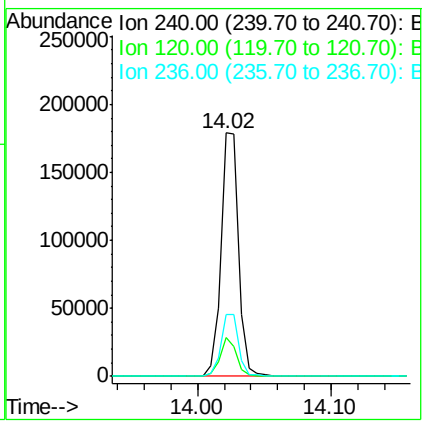


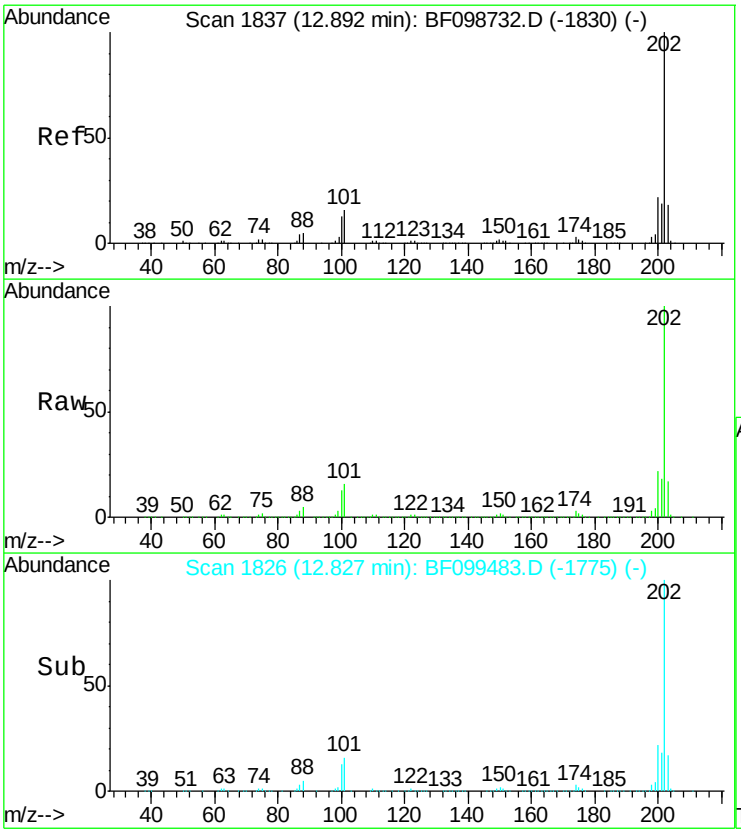

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:240 Resp: 167597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.8 | 9.5 | 14.3# |
| 236 | 25.6 | 20.7 | 31.1 |

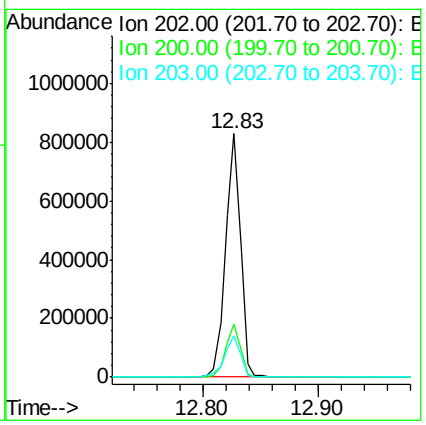


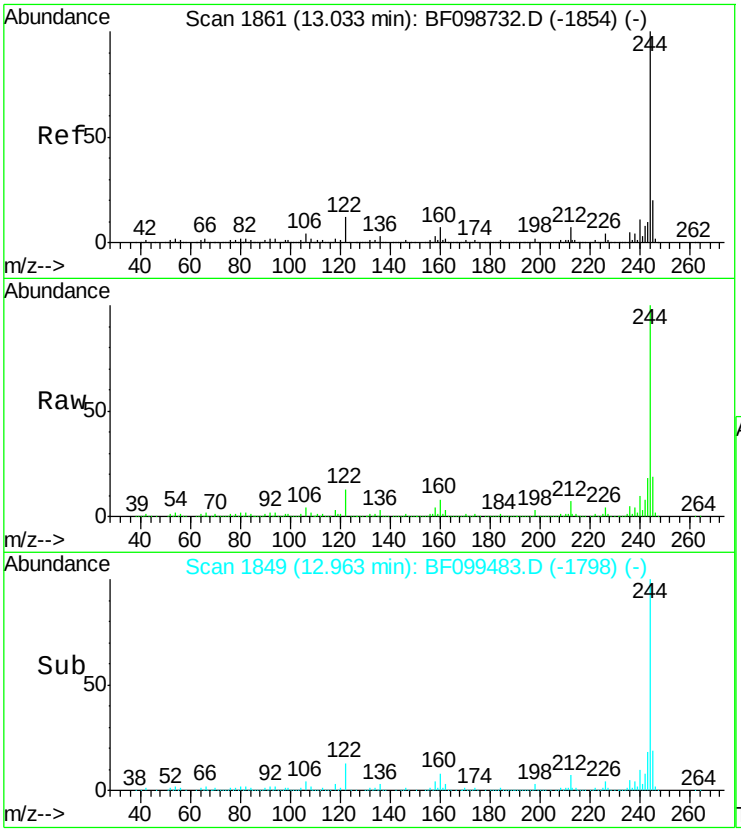




#77
Pyrene
Concen: 57.65 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:202 Resp: 736783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 17.4 | 26.2 |
| 203 | 17.3 | 14.3 | 21.5 |



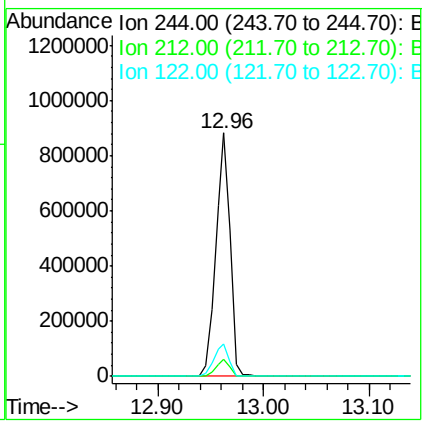


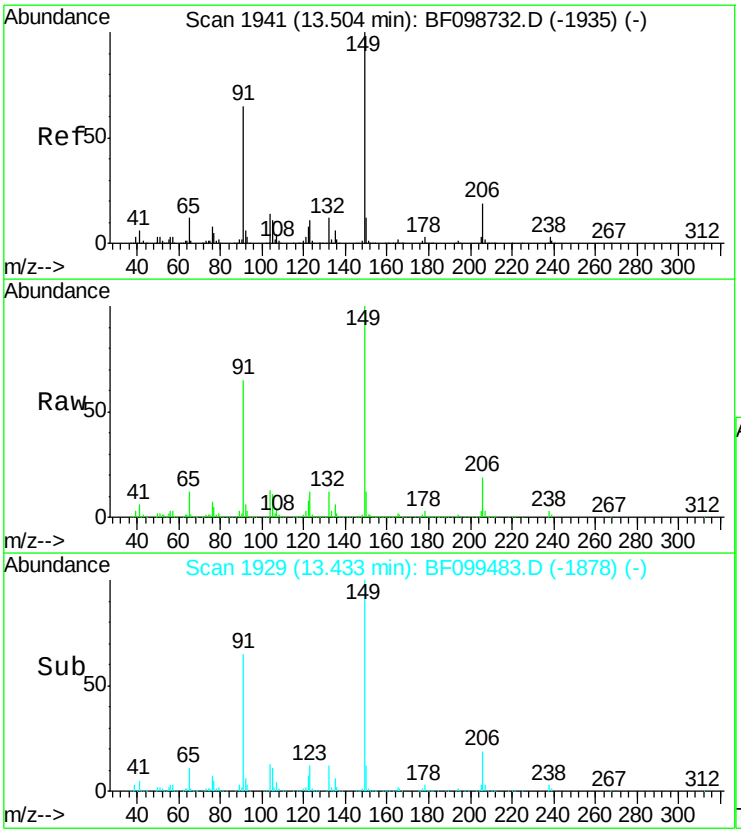

#78
Terphenyl-d14
Concen: 114.23 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:244 Resp: 841809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.4 | 8.0 |
| 122 | 13.3 | 11.0 | 16.4 |

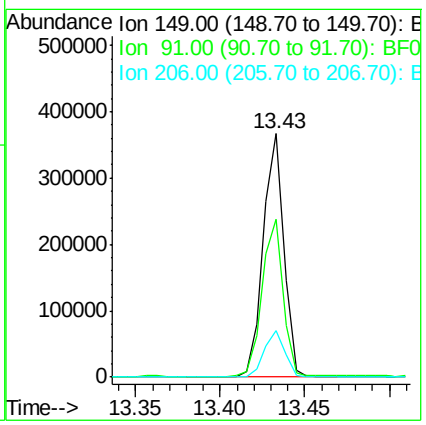


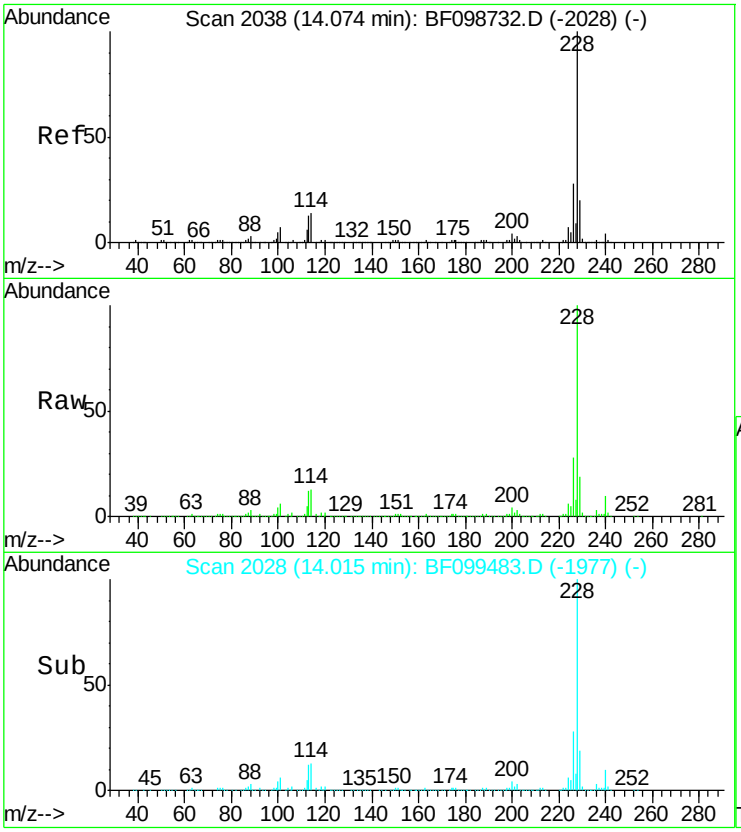




#79
Butylbenzylphthalate
Concen: 51.42 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:149 Resp: 308813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.0 | 56.8 | 85.2 |
| 206 | 19.3 | 14.1 | 21.1 |



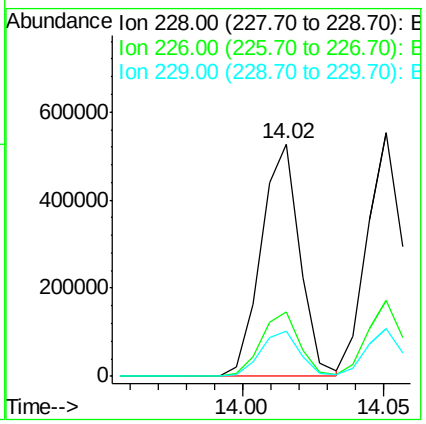


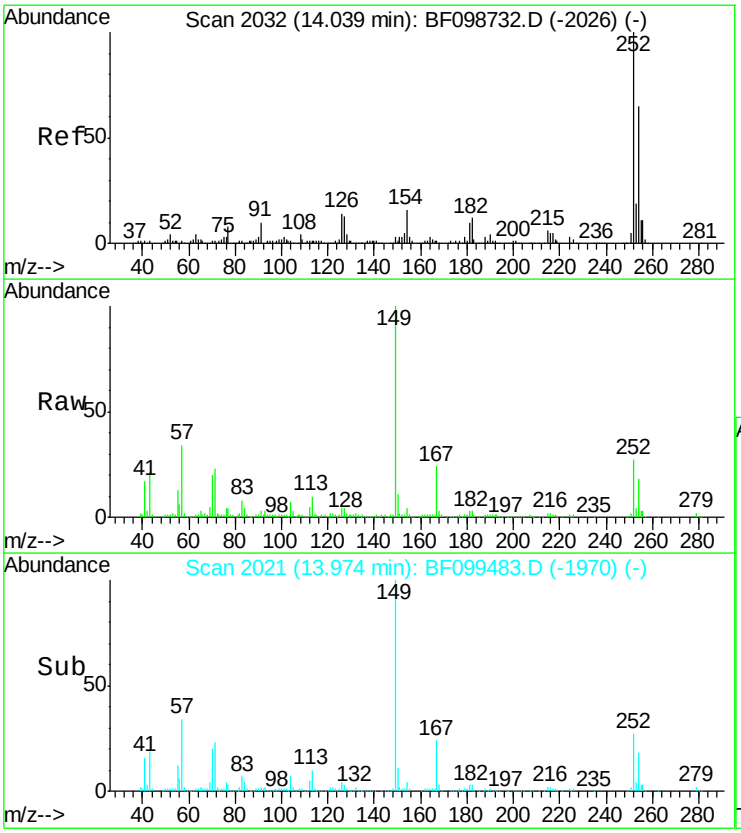

#80
Benzo(a)anthracene
Concen: 49.46 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:228 Resp: 501980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.6 | 33.8 |
| 229 | 19.4 | 15.8 | 23.6 |

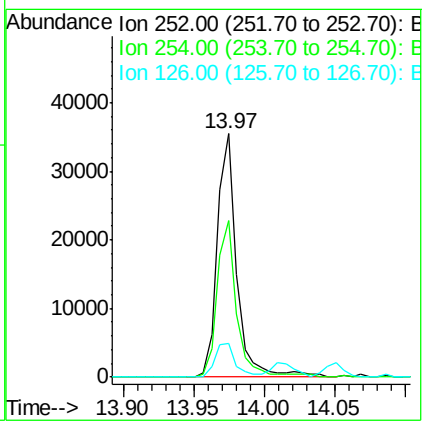


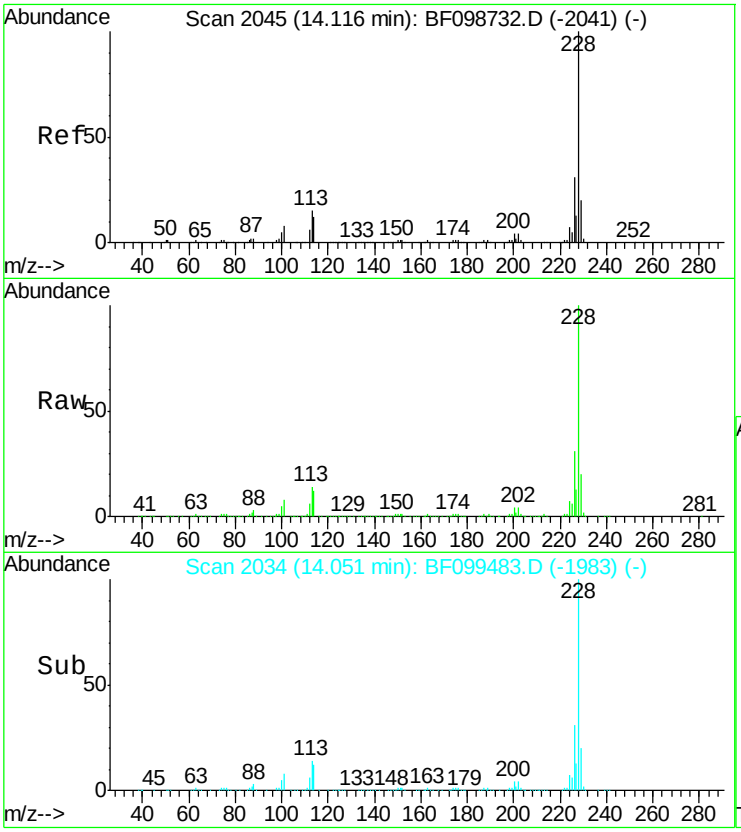




#81
3,3'-Dichlorobenzidine
Concen: 9.20 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:252 Resp: 34220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 50.4 | 75.6 |
| 126 | 13.7 | 11.3 | 16.9 |



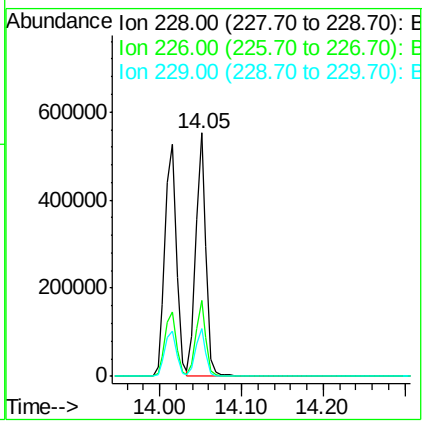


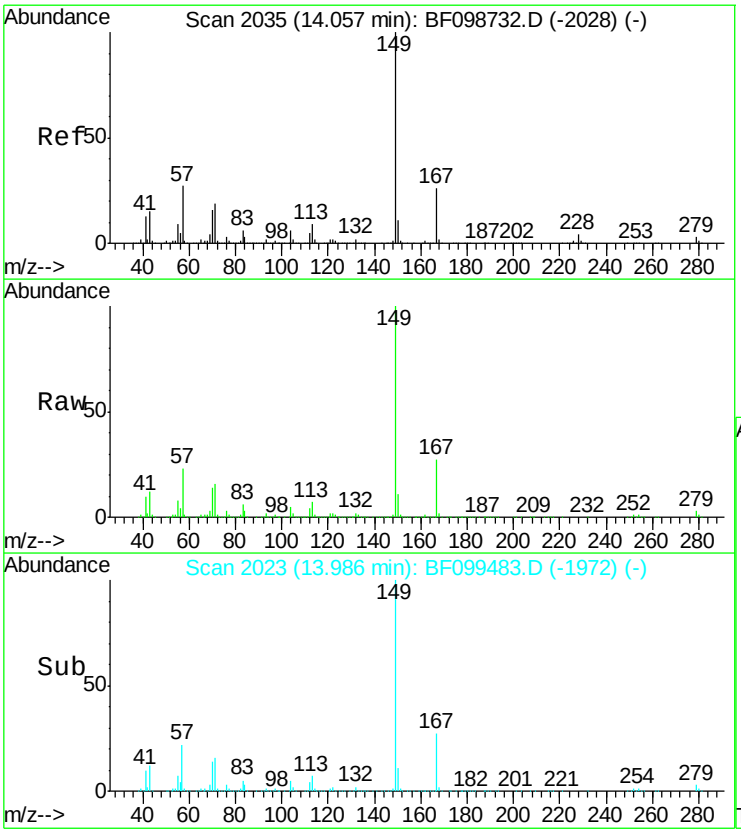

#82
Chrysene
Concen: 49.85 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:228 Resp: 481632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 25.0 | 37.6 |
| 229 | 19.5 | 16.2 | 24.4 |

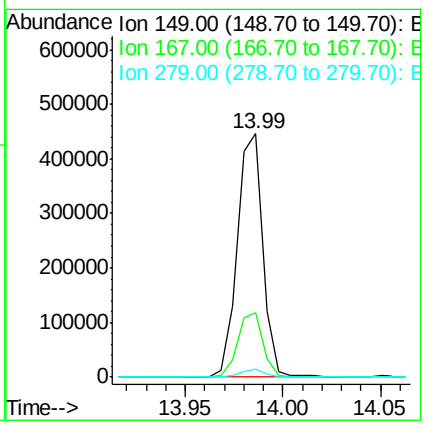


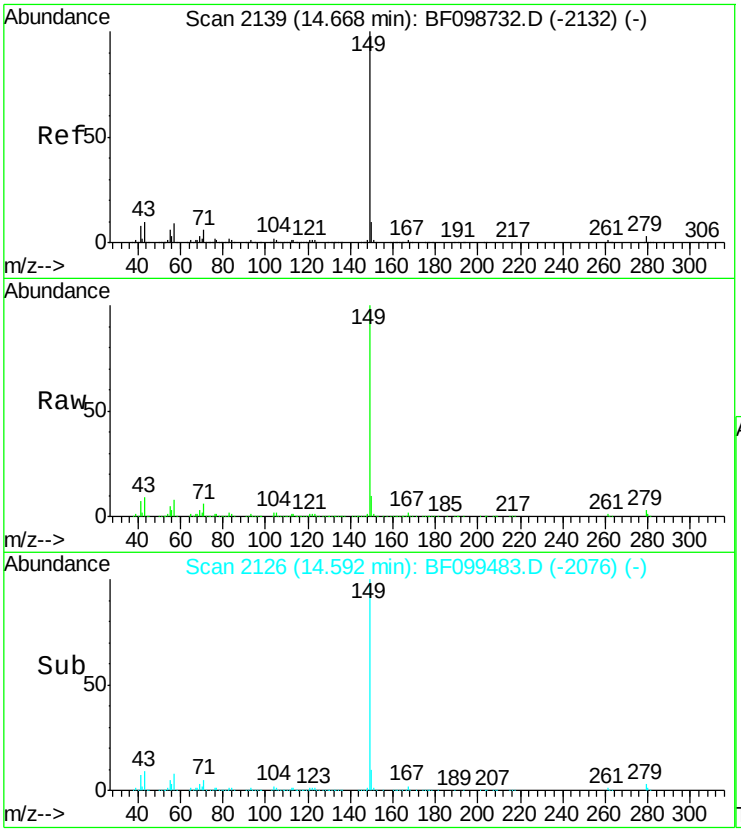




#83
Bis(2-ethylhexyl)phthalate
Concen: 48.52 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:149 Resp: 401245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.6 | 21.3 | 31.9 |
| 279 | 3.3 | 3.0 | 4.4 |



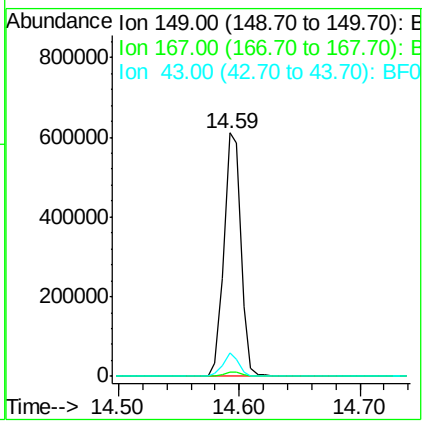


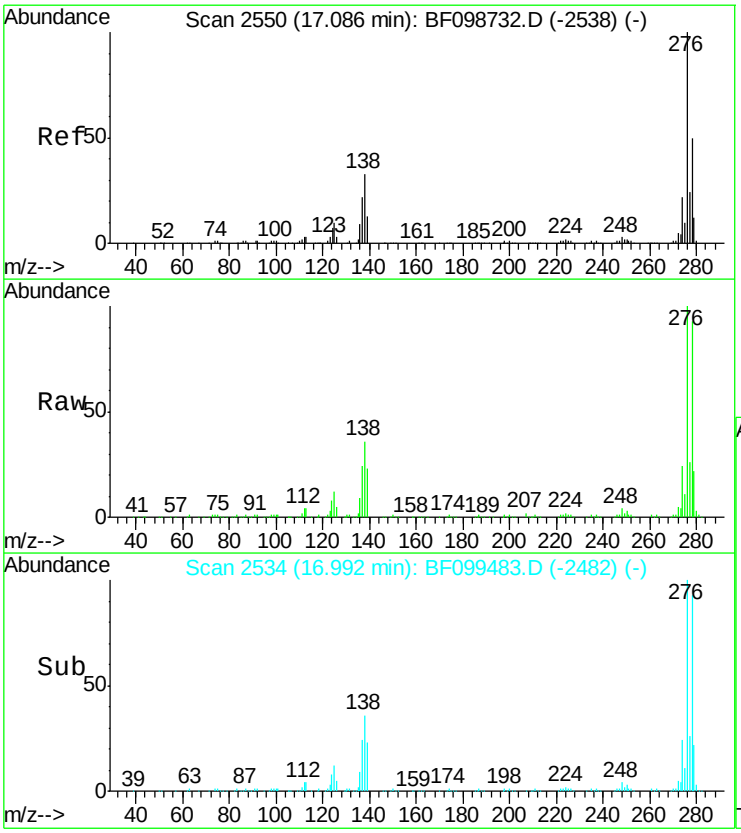

#84
Di-n-octyl phthalate
Concen: 44.64 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:149 Resp: 594436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 8.3 | 8.4 | 12.6# |

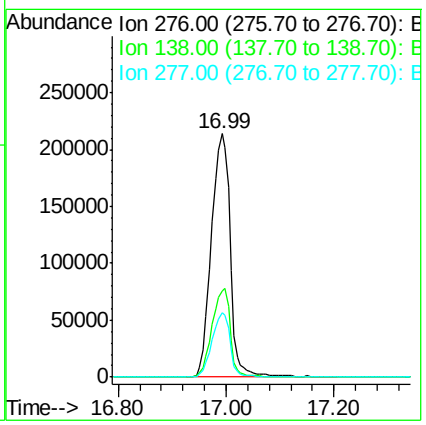


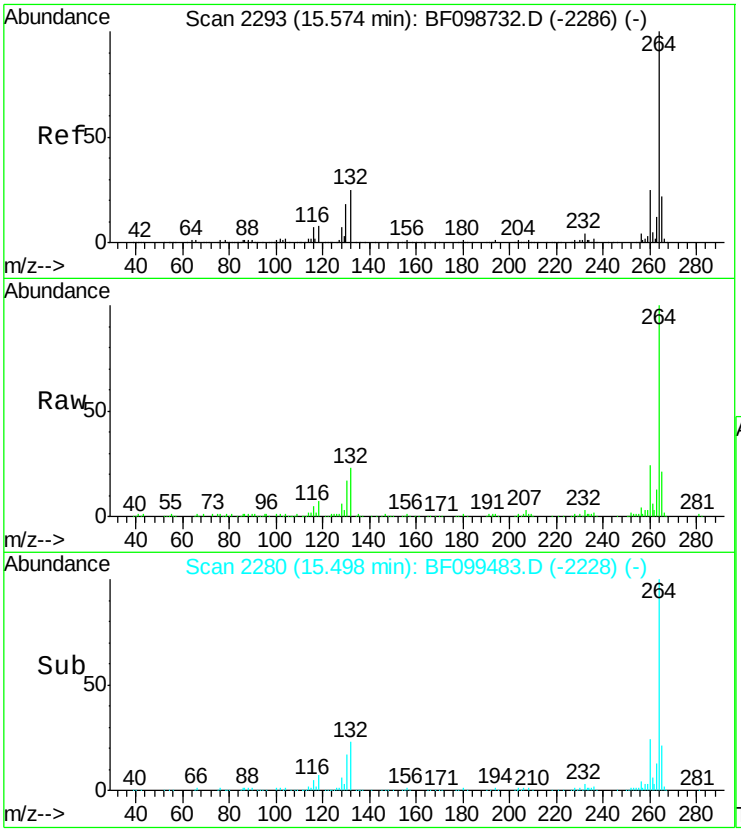




#85
Indeno(1,2,3-cd)pyrene
Concen: 68.01 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:276 Resp: 525672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 35.3 | 25.0 | 37.6 |
| 277 | 25.3 | 20.1 | 30.1 |



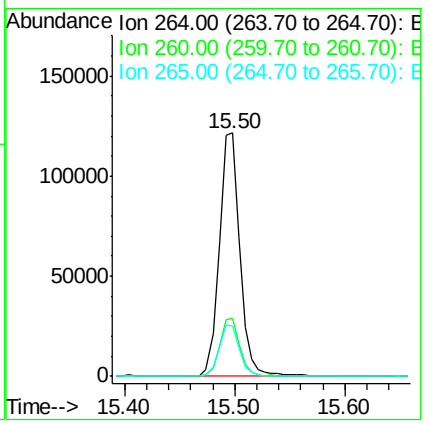


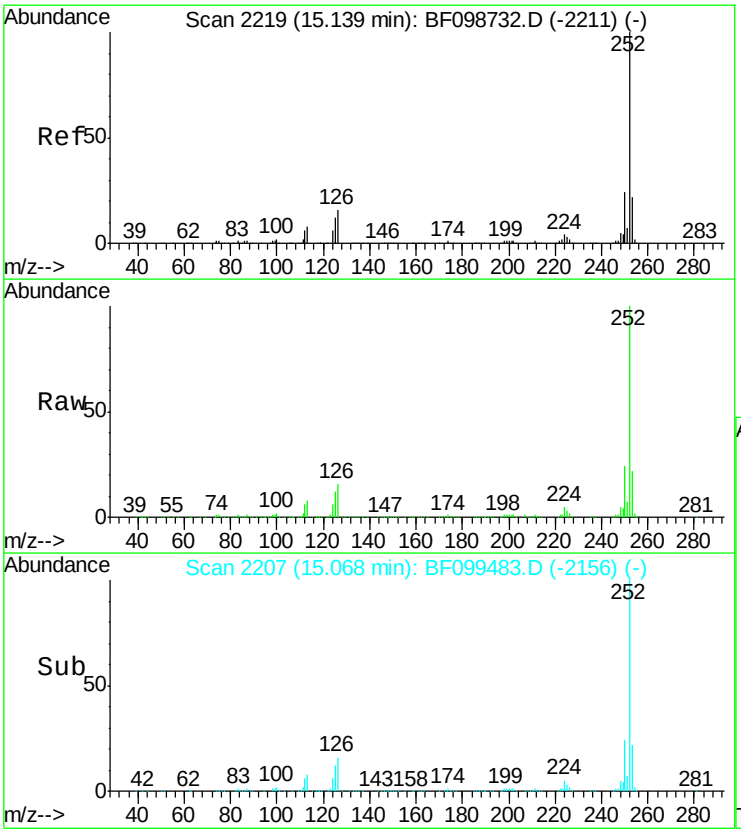

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:264 Resp: 158587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.2 | 28.8 |
| 265 | 20.8 | 17.5 | 26.3 |

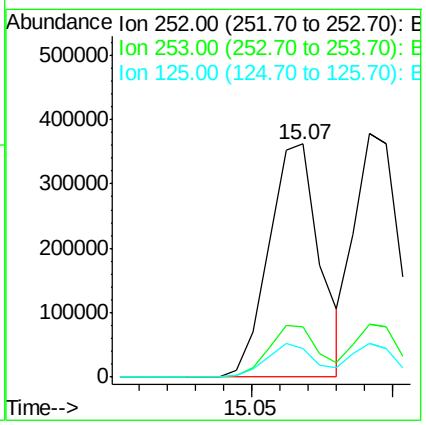


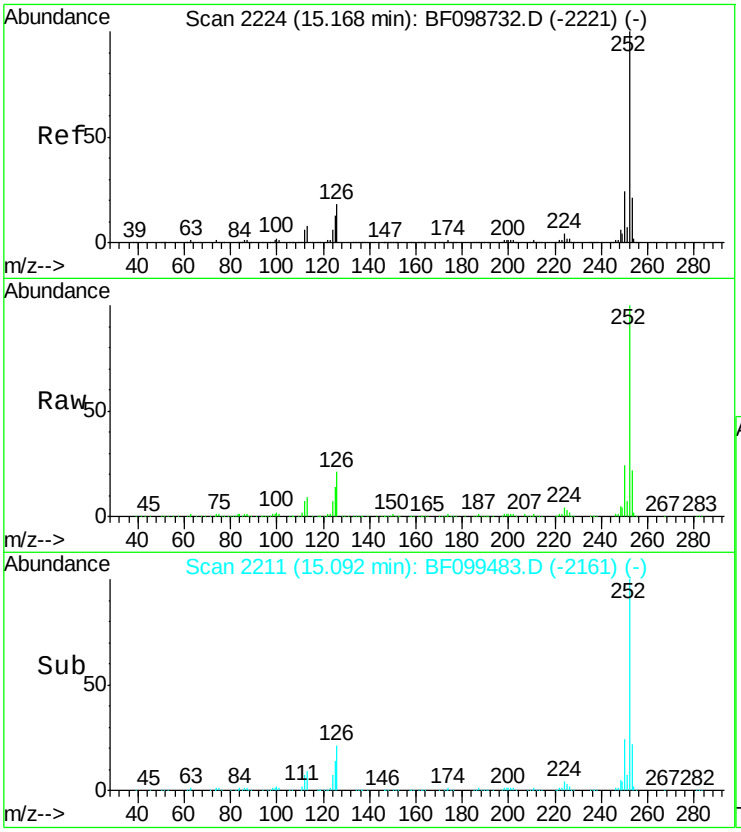




#87
Benzo(b)fluoranthene
Concen: 46.59 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:252 Resp: 454242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.0 | 25.6 |
| 125 | 12.3 | 9.0 | 13.6 |



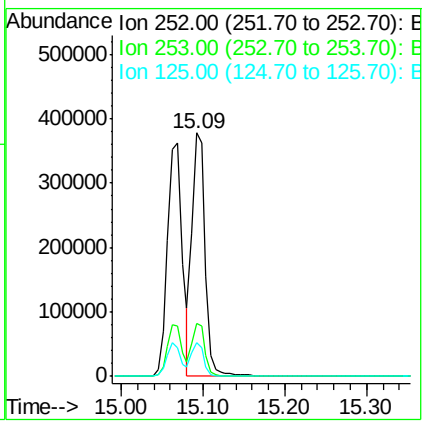


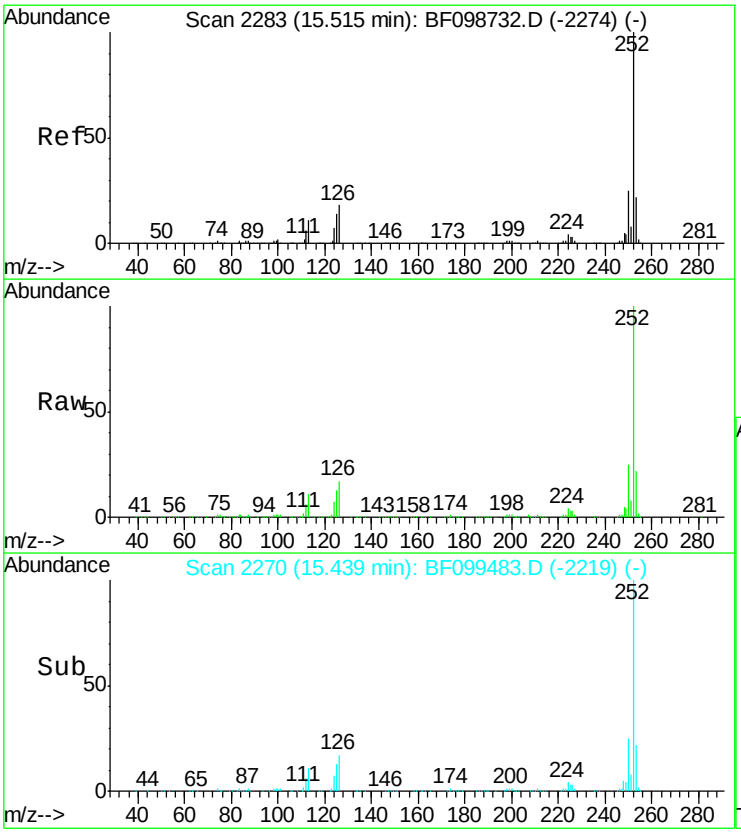

#88
Benzo(k)fluoranthene
Concen: 43.84 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:252 Resp: 422224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.9 | 26.9 |
| 125 | 14.1 | 10.2 | 15.2 |

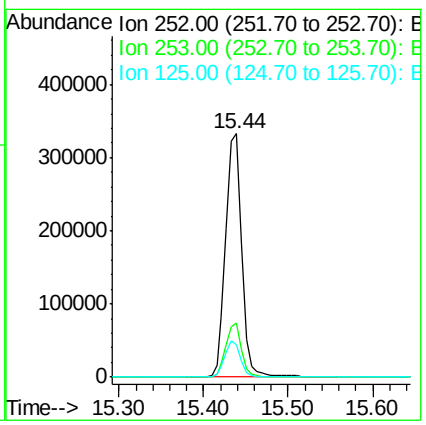


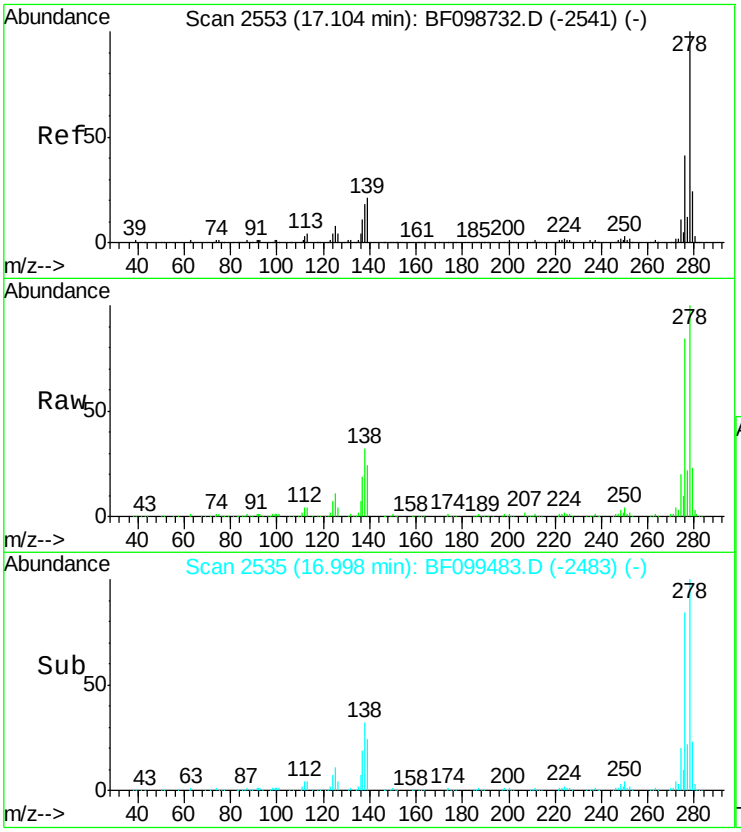




#89
Benzo(a)pyrene
Concen: 49.01 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:252 Resp: 438657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.1 | 25.7 |
| 125 | 13.2 | 9.8 | 14.6 |



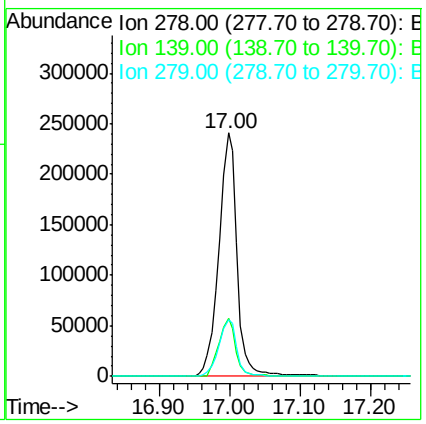


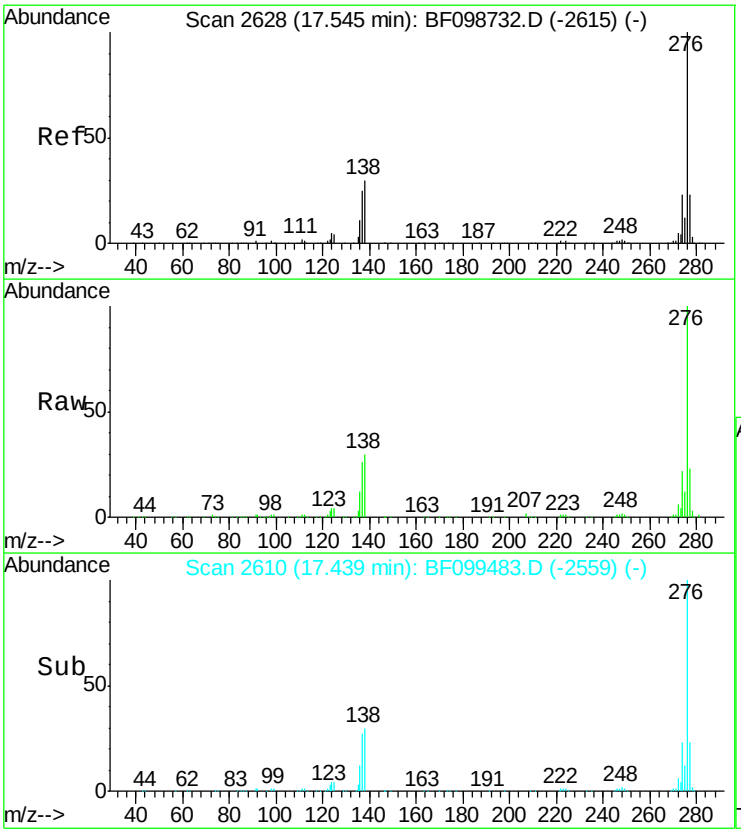

#90
Dibenzo(a,h)anthracene
Concen: 60.28 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

**Instrument :**
BNA_F
**ClientSampleId :**
MW-10-10-11-17MS

Tgt Ion:278 Resp: 431793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 23.6 | 15.9 | 23.9 |
| 279 | 23.4 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 65.42 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BF099483.D
Acq: 14 Oct 2017 18:12

Tgt Ion:276 Resp: 463196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 17.9 | 26.9 |
| 138 | 30.4 | 21.8 | 32.8 |