Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111438.D
Acq On : 15 Dec 2018 00:12
Operator : JU/SJ
Sample : J6233-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-2MSD

Quant Time: Dec 15 02:53:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 220877 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 869568 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 268348 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 505978 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.96 | 240 | 396702 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.39 | 264 | 286992 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 1655156 | 124.70 | ng | | 0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 2229448 | 126.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 1367755 | 93.66 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 294162 | 122.37 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 1790570 | 103.07 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1521702 | 90.08 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.55 | 88 | 173008 | 26.987 | ng | | 96 |
| 3) Pyridine | 3.29 | 79 | 429439 | 26.672 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.22 | 42 | 282180 | 38.584 | ng | | 88 |
| 6) Aniline | 6.46 | 93 | 287621 | 13.133 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.59 | 128 | 673266 | 42.452 | ng | | 99 |
| 9) Benzaldehyde | 6.34 | 77 | 311120 | 29.052 | ng | | 98 |
| 10) Phenol | 6.46 | 94 | 931395 | 47.355 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 641648 | 41.616 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 684830 | 39.227 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 705040 | 39.787 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 661424 | 39.676 | ng | | 98 |
| 15) Benzyl Alcohol | 6.94 | 79 | 547547 | 40.757 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 1169990 | 38.865 | ng | | 97 |
| 17) 2-Methylphenol | 7.06 | 107 | 542017 | 42.465 | ng | | 95 |
| 18) Hexachloroethane | 7.31 | 117 | 225789 | 34.238 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 457752 | 39.297 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.21 | 107 | 671548 | 41.944 | ng | # | 87 |
| 22) Acetophenone | 7.20 | 105 | 906467 | 46.697 | ng | # | 88 |
| 24) Nitrobenzene | 7.38 | 77 | 671575 | 45.083 | ng | | 94 |
| 25) Isophorone | 7.62 | 82 | 1224101 | 49.543 | ng | | 98 |
| 26) 2-Nitrophenol | 7.69 | 139 | 315491 | 40.839 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.74 | 122 | 588051 | 52.507 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 811095 | 47.552 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.94 | 162 | 520876 | 43.568 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 521674 | 41.683 | ng | | 98 |
| 31) Naphthalene | 8.10 | 128 | 1833000 | 45.068 | ng | | 97 |
| 32) Benzoic acid | 7.85 | 122 | 152111 | 15.717 | ng | | 98 |
| 33) 4-Chloroaniline | 8.15 | 127 | 123426 | 6.825 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 275541 | 39.961 | ng | | 98 |
| 35) Caprolactam | 8.52 | 113 | 165361 | 37.254 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.64 | 107 | 539007 | 40.959 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 1190846 | 43.270 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 999065 | 37.576 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 391143 | 53.150 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111438.D
Acq On : 15 Dec 2018 00:12
Operator : JU/SJ
Sample : J6233-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-2MSD

Quant Time: Dec 15 02:53:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.95 | 237 | 79916 | 21.151 | ng | 96 |
| 43) 2,4,6-Trichlorophenol | 9.07 | 196 | 263794 | 50.647 | ng | 98 |
| 44) 2,4,5-Trichlorophenol | 9.12 | 196 | 275628 | 49.730 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.26 | 154 | 1110767 | 48.852 | ng | 94 |
| 47) 2-Chloronaphthalene | 9.28 | 162 | 853338 | 49.374 | ng | 95 |
| 48) 2-Nitroaniline | 9.37 | 65 | 248745 | 44.326 | ng | 93 |
| 49) Acenaphthylene | 9.70 | 152 | 1211303 | 47.216 | ng | 95 |
| 50) Dimethylphthalate | 9.56 | 163 | 1115850 | 57.739 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 9.62 | 165 | 186828 | 42.948 | ng | 91 |
| 52) Acenaphthene | 9.87 | 154 | 695927 | 42.919 | ng | 99 |
| 53) 3-Nitroaniline | 9.78 | 138 | 129861 | 24.577 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.89 | 184 | 18676 | 11.285 | ng | 88 |
| 55) Dibenzofuran | 10.04 | 168 | 1031958 | 43.845 | ng | 96 |
| 56) 4-Nitrophenol | 9.96 | 139 | 271425 | 74.229 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.02 | 165 | 224672 | 39.350 | ng | 90 |
| 58) Fluorene | 10.38 | 166 | 762536 | 44.667 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 178072 | 41.121 | ng | 99 |
| 60) Diethylphthalate | 10.26 | 149 | 884872 | 45.202 | ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204 | 351977 | 42.141 | ng | 98 |
| 62) 4-Nitroaniline | 10.39 | 138 | 175501 | 33.553 | ng | 100 |
| 63) Azobenzene | 10.53 | 77 | 789767 | 40.922 | ng | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198 | 19666 | 6.885 | ng | 89 |
| 66) n-Nitrosodiphenylamine | 10.49 | 169 | 683896 | 39.195 | ng | 97 |
| 67) 4-Bromophenyl-phenylether | 10.86 | 248 | 247890 | 45.456 | ng | 97 |
| 68) Hexachlorobenzene | 10.93 | 284 | 244257 | 43.542 | ng | 97 |
| 69) Atrazine | 11.02 | 200 | 246586 | 48.901 | ng | 98 |
| 70) Pentachlorophenol | 11.13 | 266 | 251503 | 73.097 | ng | 99 |
| 71) Phenanthrene | 11.34 | 178 | 1198749 | 45.978 | ng | 95 |
| 72) Anthracene | 11.39 | 178 | 1249663 | 46.868 | ng | 95 |
| 73) Carbazole | 11.55 | 167 | 1176691 | 42.676 | ng | 95 |
| 74) Di-n-butylphthalate | 11.88 | 149 | 1499630 | 48.836 | ng | 96 |
| 75) Fluoranthene | 12.53 | 202 | 1201498 | 47.106 | ng | 99 |
| 77) Benzidine | 12.65 | 184 | 269728 | 18.496 | ng | 98 |
| 78) Pyrene | 12.76 | 202 | 1230881 | 44.009 | ng | 96 |
| 80) Butylbenzylphthalate | 13.37 | 149 | 605522 | 44.416 | ng | 95 |
| 81) Benzo(a)anthracene | 13.94 | 228 | 986708 | 45.744 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.90 | 252 | 342001 | 39.002 | ng | 98 |
| 83) Chrysene | 13.98 | 228 | 1014368 | 44.640 | ng | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 797532 | 45.802 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.55 | 149 | 1477878 | 50.318 | ng | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 16.81 | 276 | 684393 | 41.732 | ng | 98 |
| 88) Benzo(b)fluoranthene | 14.98 | 252 | 815833 | 48.759 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.01 | 252 | 788431 | 49.315 | ng | 98 |
| 90) Benzo(a)pyrene | 15.33 | 252 | 726934 | 48.179 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 16.83 | 278 | 584025 | 49.069 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.24 | 276 | 573744 | 49.109 | ng | 95 |

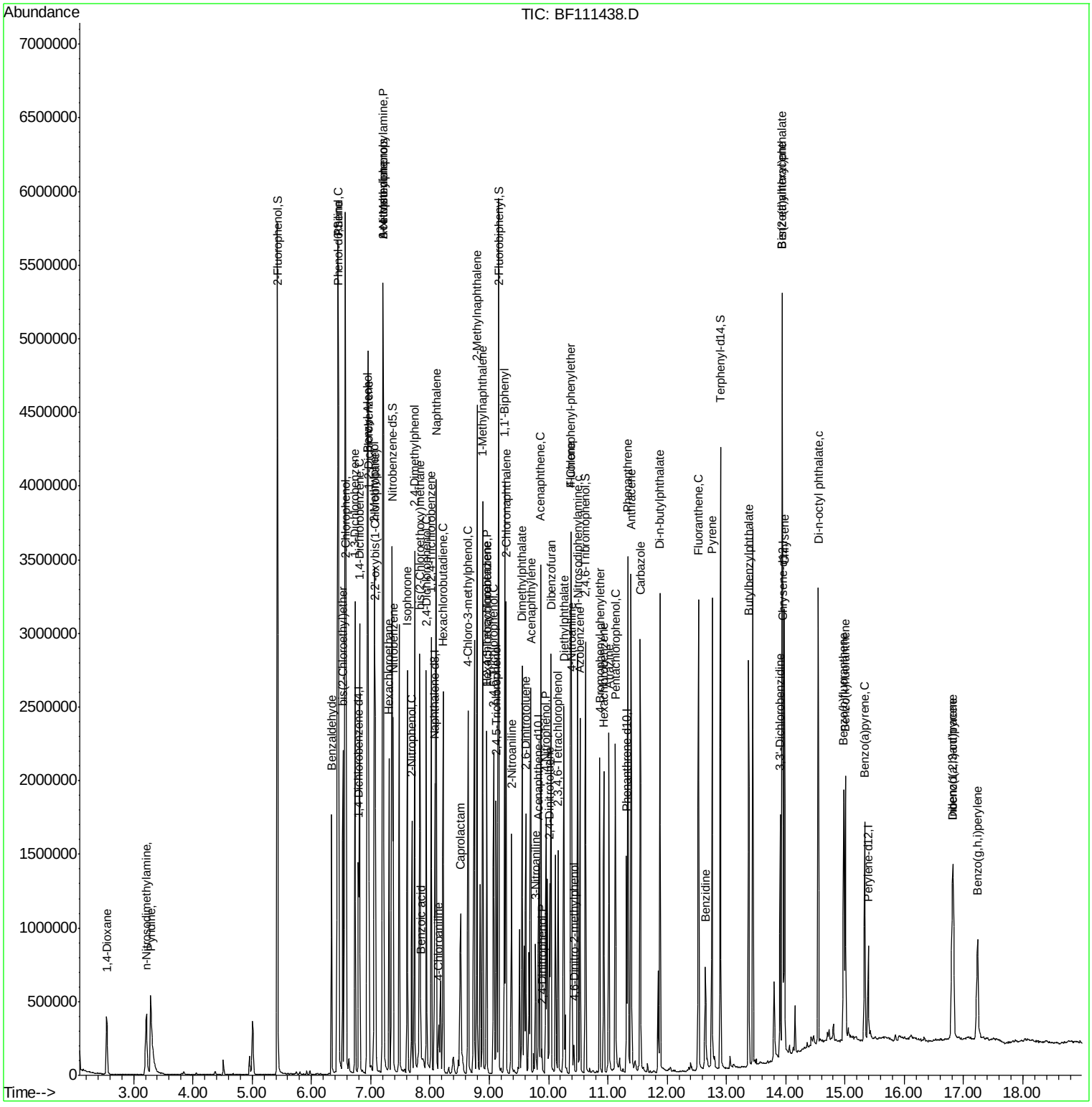
(#) = qualifier out of range (m) = manual integration (+) = signals summed

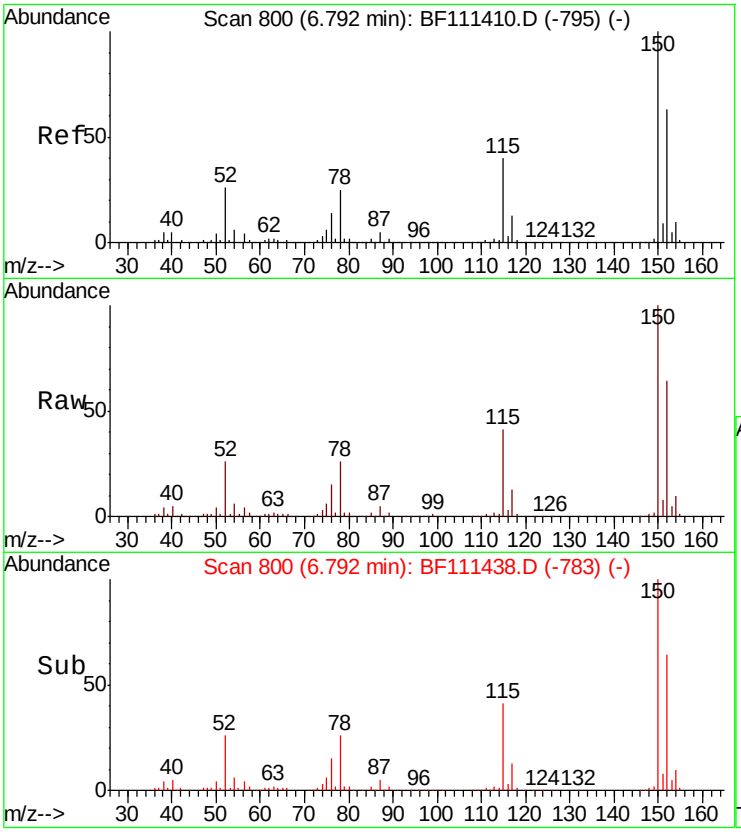
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111438.D
Acq On : 15 Dec 2018 00:12
Operator : JU/SJ
Sample : J6233-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Quant Time: Dec 15 02:53:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



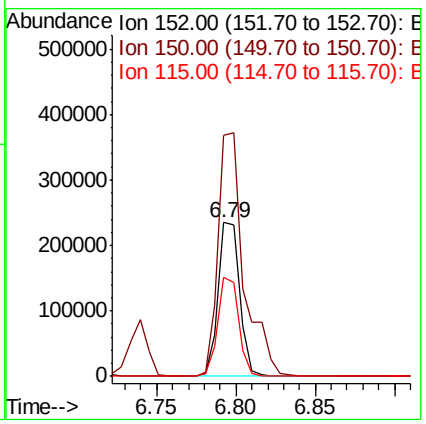


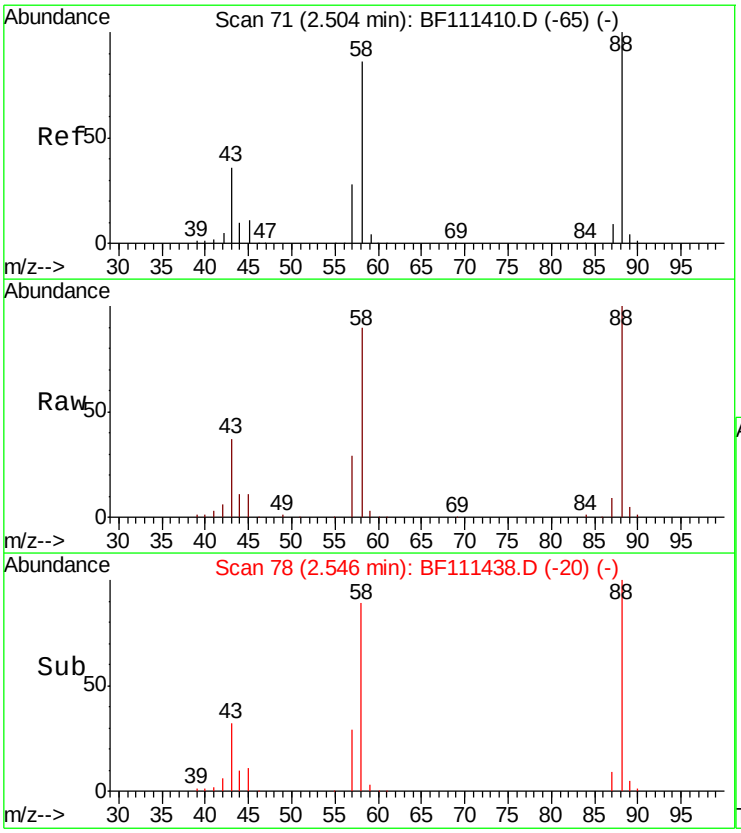

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:152 Resp: 220877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 126.6 | 189.8 |
| 115 | 64.4 | 50.7 | 76.1 |

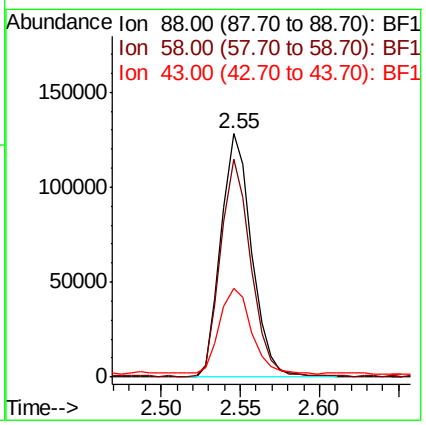


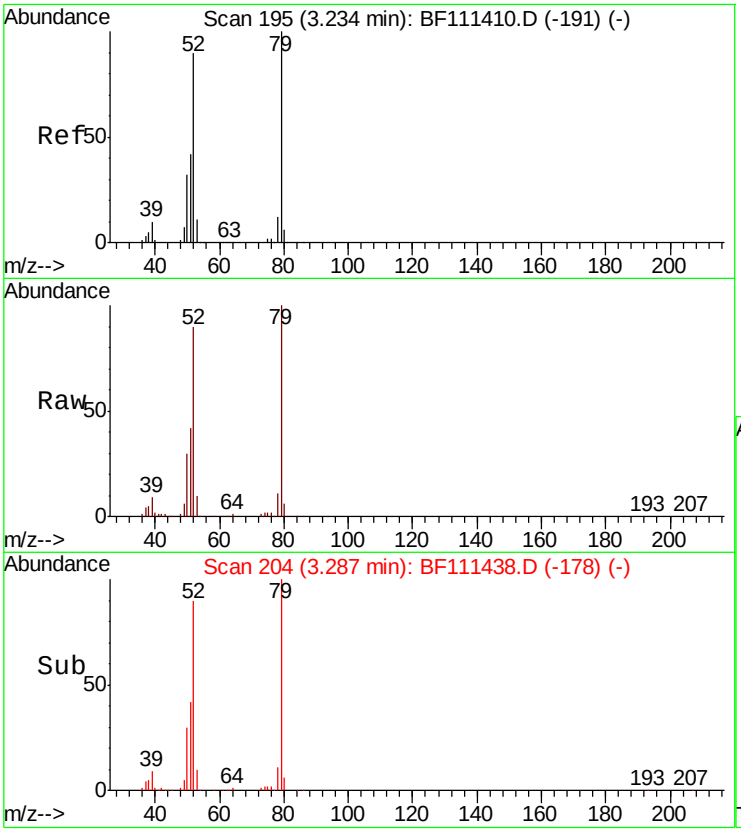




#2
1,4-Dioxane
Concen: 26.987 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.04 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 88 Resp: 173008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.9 | 68.9 | 103.3 |
| 43 | 36.6 | 25.8 | 38.6 |



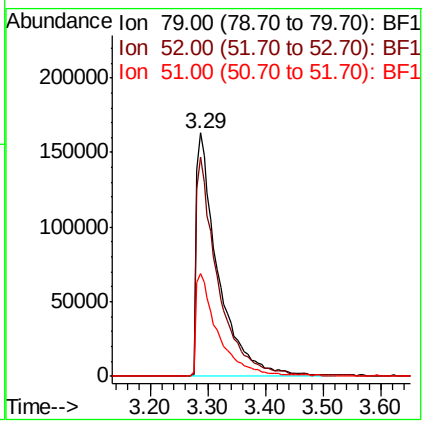


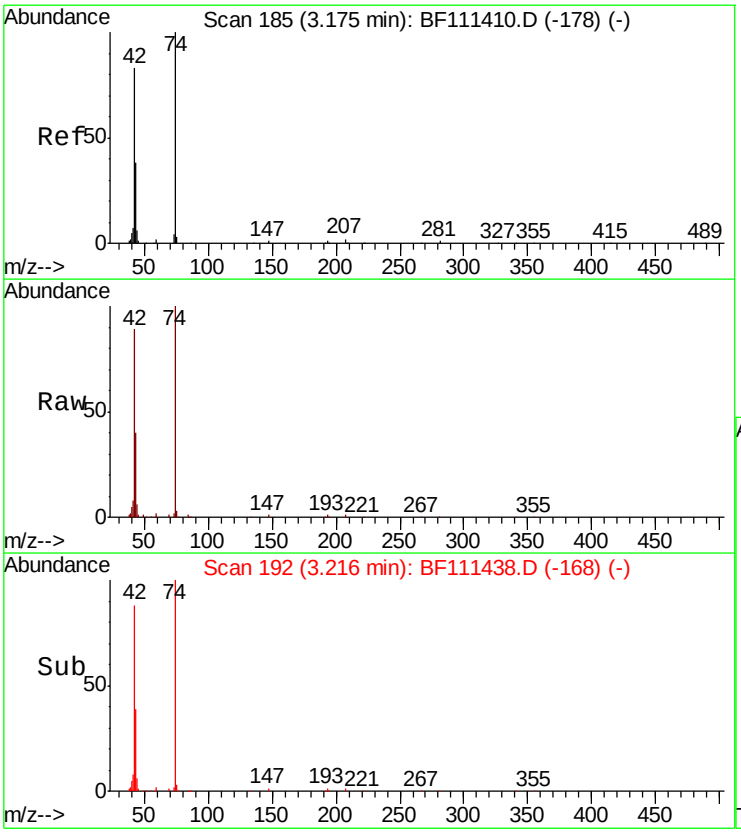

#3
Pyridine
Concen: 26.672 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.05 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 79 Resp: 429439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 90.1 | 68.3 | 102.5 |
| 51 | 42.2 | 32.6 | 49.0 |

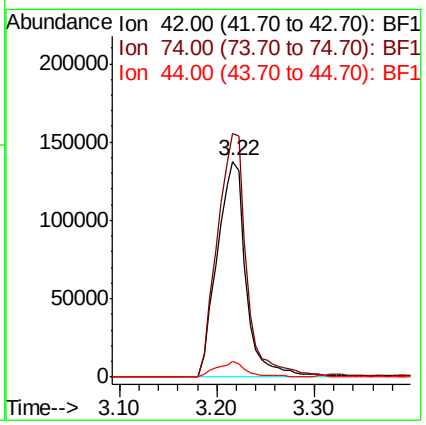


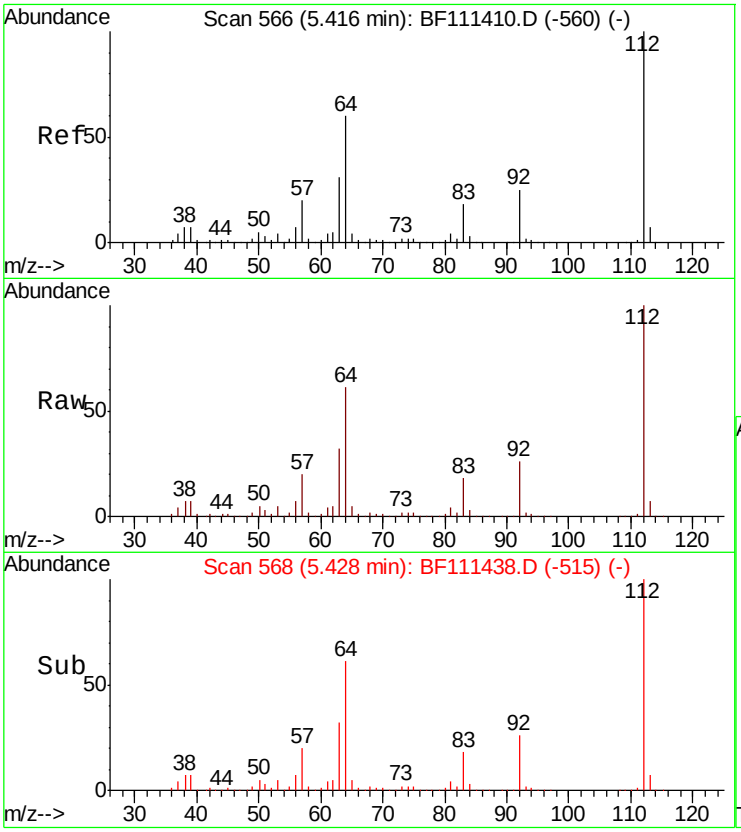




#4
n-Nitrosodimethylamine
Concen: 38.584 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.04 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 42 Resp: 282180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 112.8 | 101.5 | 152.3 |
| 44 | 7.1 | 6.0 | 9.0 |



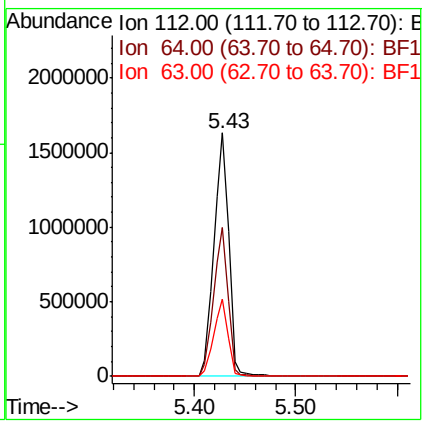


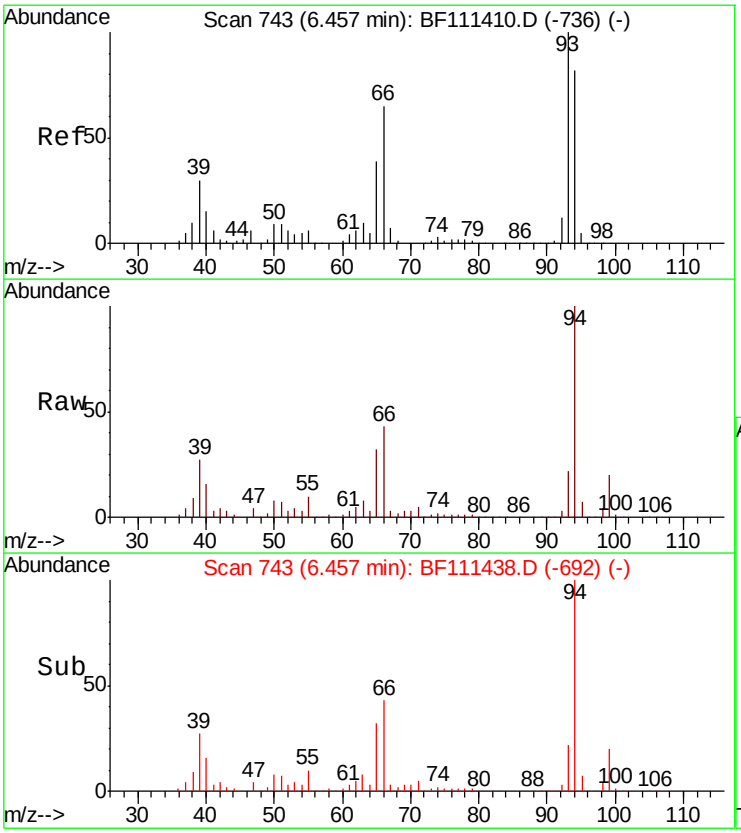

#5
2-Fluorophenol
Concen: 124.697 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:112 Resp: 1655156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.2 | 51.8 | 77.6 |
| 63 | 31.7 | 26.8 | 40.2 |

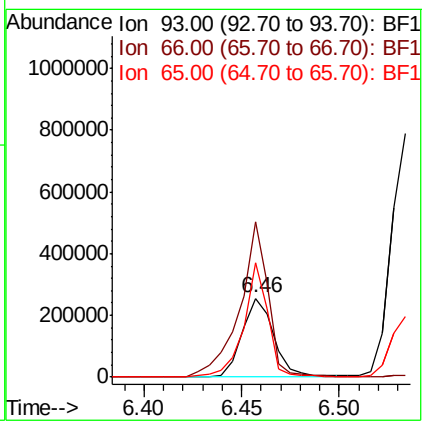


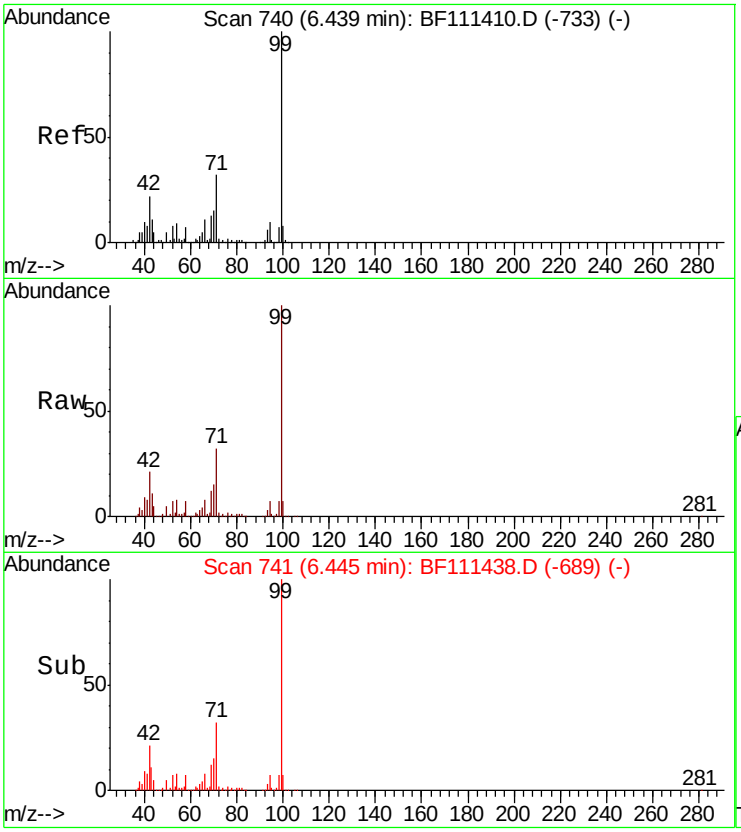




#6
Aniline
Concen: 13.133 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 93 Resp: 287621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 198.1 | 33.2 | 49.8# |
| 65 | 146.0 | 17.0 | 25.4# |



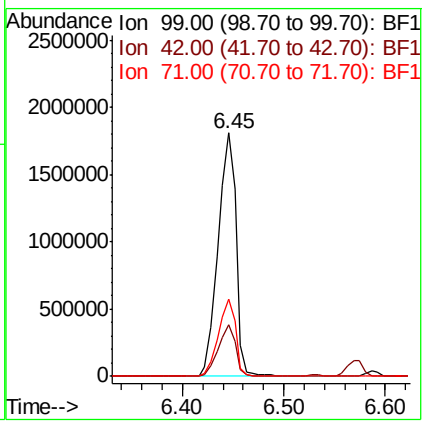


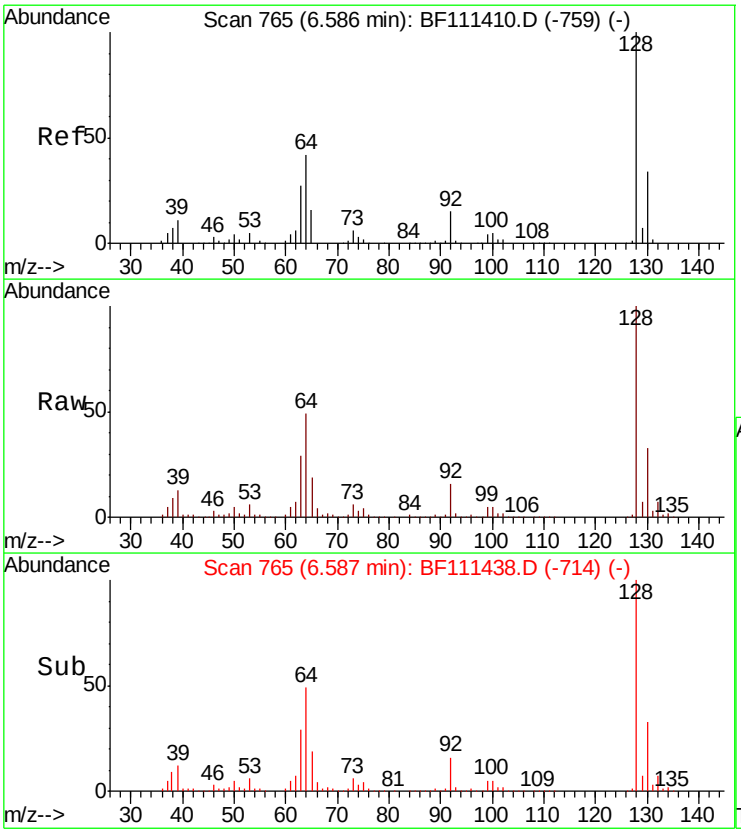

#7
Phenol-d6
Concen: 126.272 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 99 Resp: 2229448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.0 | 17.4 | 26.0 |
| 71 | 31.5 | 26.1 | 39.1 |

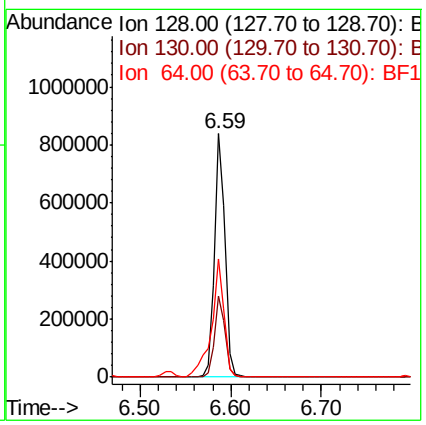


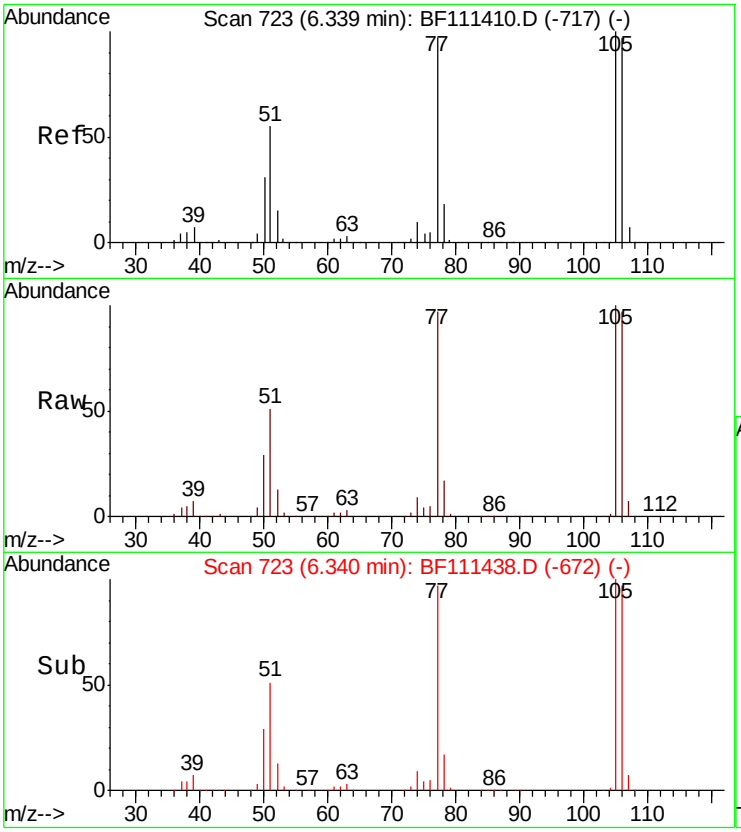




#8
2-Chlorophenol
Concen: 42.452 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:128 Resp: 673266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.7 | 52.7 |
| 64 | 48.7 | 30.0 | 70.0 |



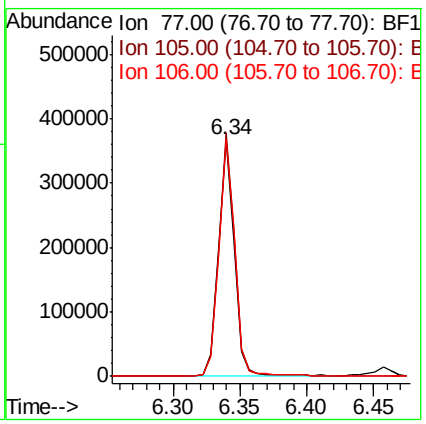


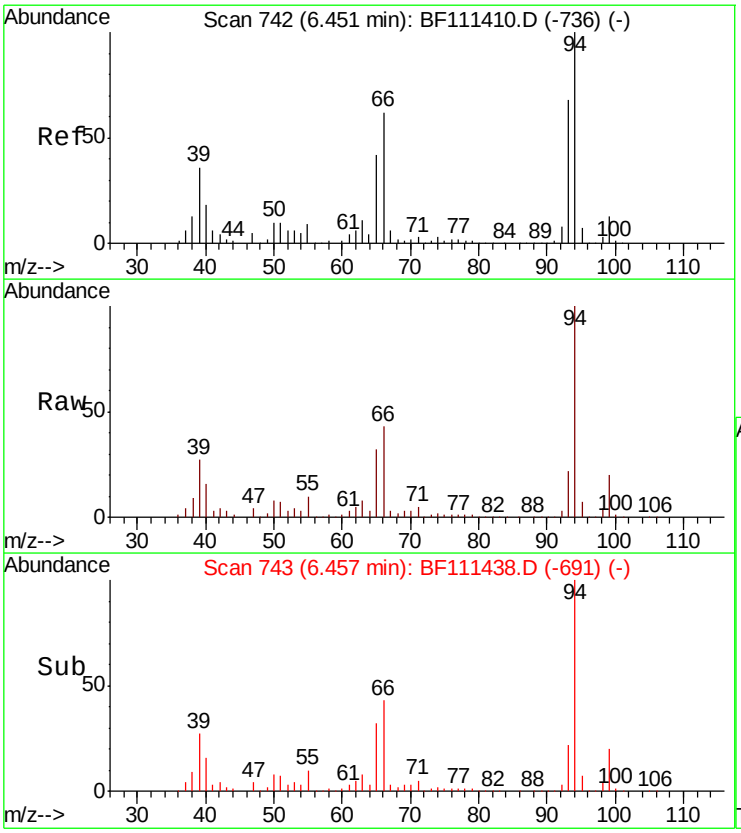

#9
Benzaldehyde
Concen:  29.052 ng
RT: 6.34 min  Scan# 723
Delta R.T.  0.00 min
Lab File:  BF111438.D
Acq: 15 Dec 2018  00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 77 Resp:  311120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.9 | 81.4 | 121.4 |
| 106 | 100.1 | 77.9 | 117.9 |

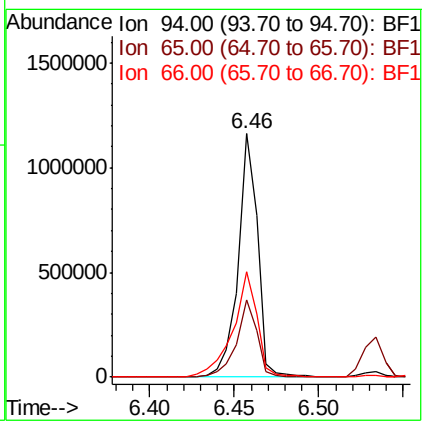


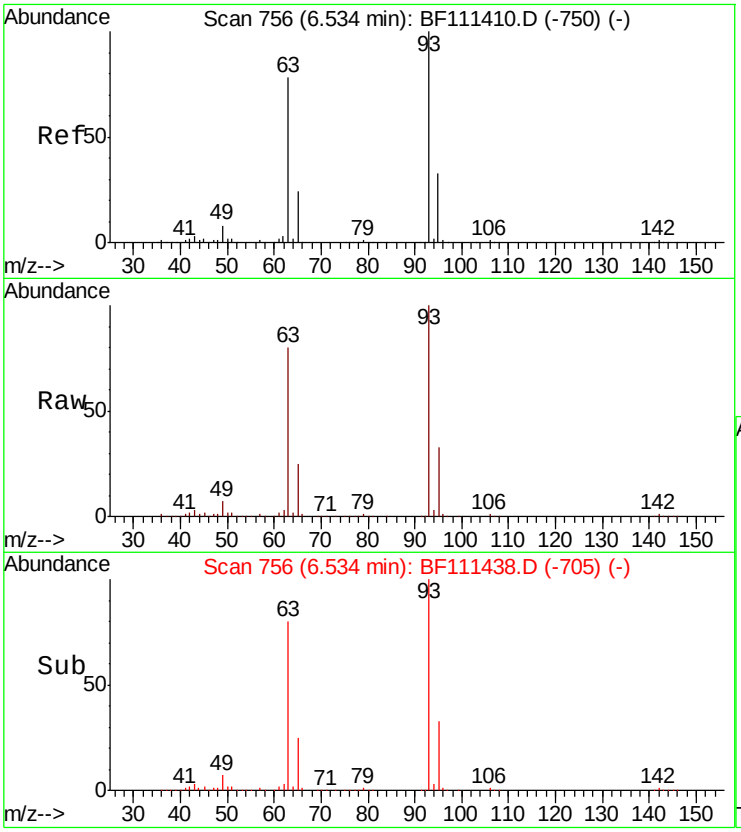




#10
Phenol
Concen:  47.355 ng
RT: 6.46 min  Scan# 743
Delta R.T.  0.01 min
Lab File:  BF111438.D
Acq: 15 Dec 2018  00:12

Tgt Ion: 94 Resp:  931395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.0 | 11.7 | 51.7 |
| 66 | 43.4 | 21.0 | 61.0 |



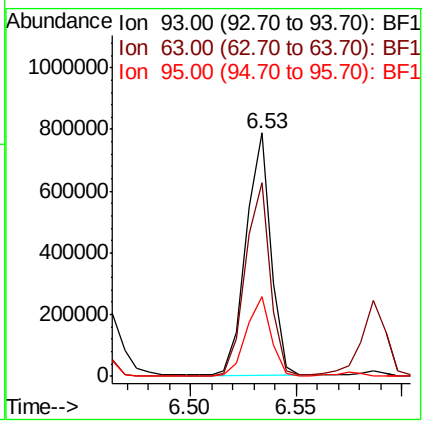


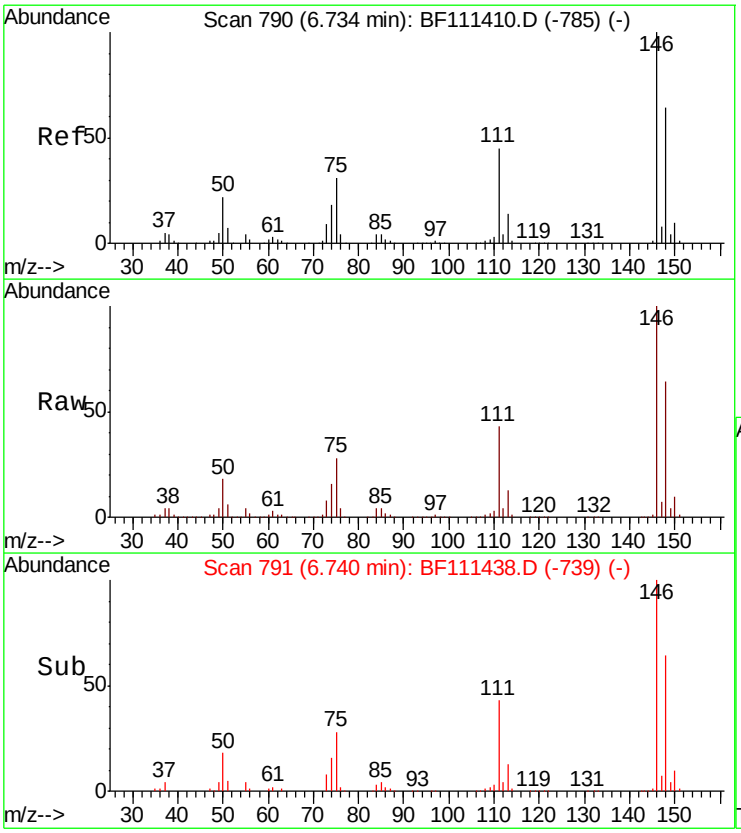

#11
bis(2-Chloroethyl)ether
Concen: 41.616 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 93 Resp: 641648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.6 | 60.0 | 100.0 |
| 95 | 32.9 | 13.4 | 53.4 |

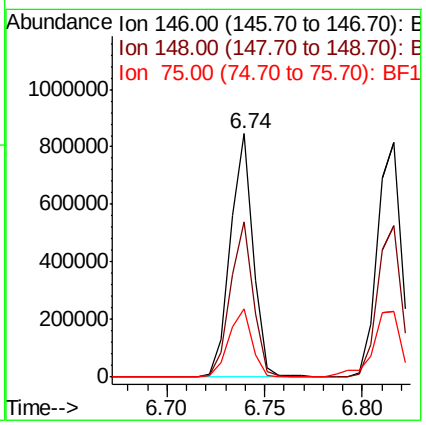


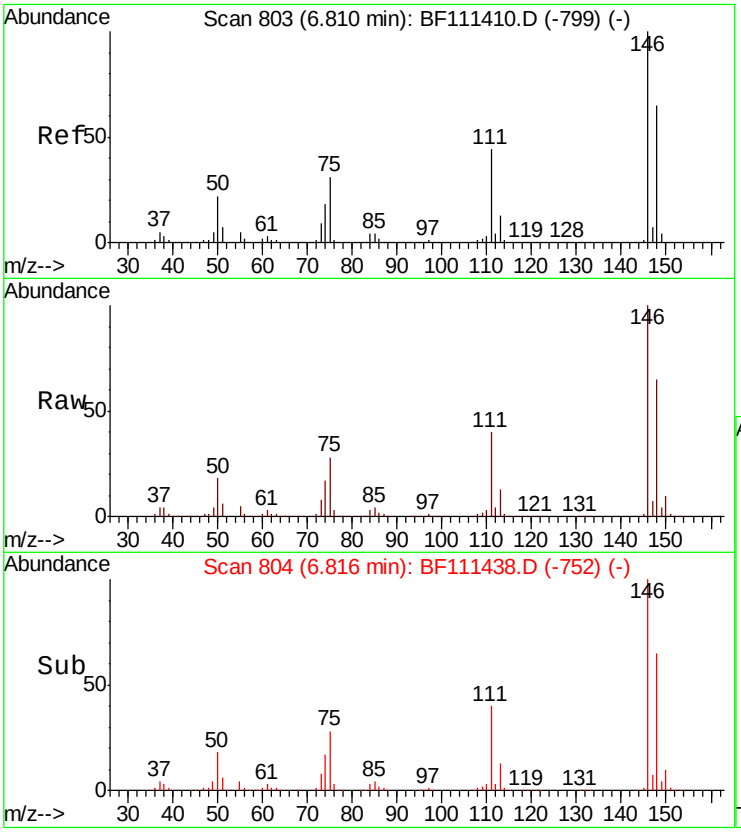




#12
1,3-Dichlorobenzene
Concen: 39.227 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:146 Resp: 684830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 52.1 | 78.1 |
| 75 | 28.0 | 23.9 | 35.9 |



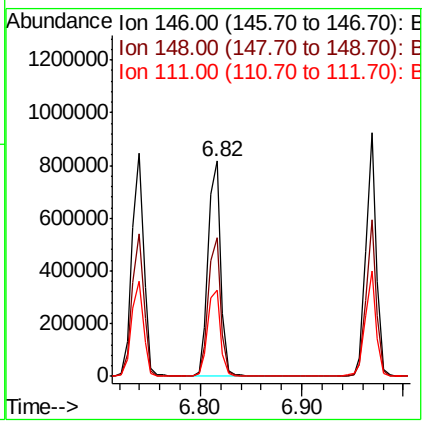


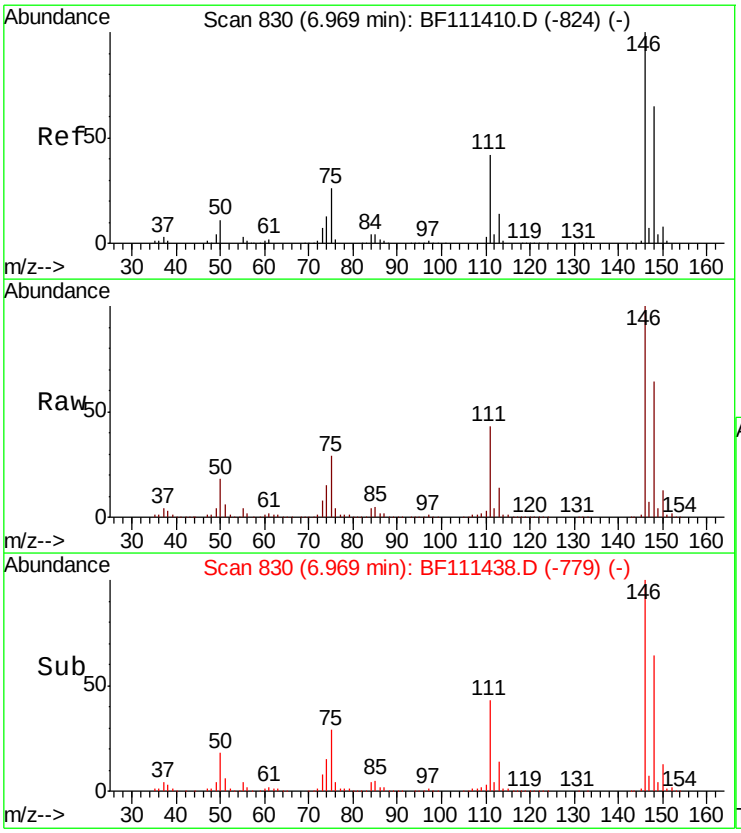

#13
1,4-Dichlorobenzene
Concen: 39.787 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:146 Resp: 705040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 52.8 | 79.2 |
| 111 | 39.7 | 33.4 | 50.0 |

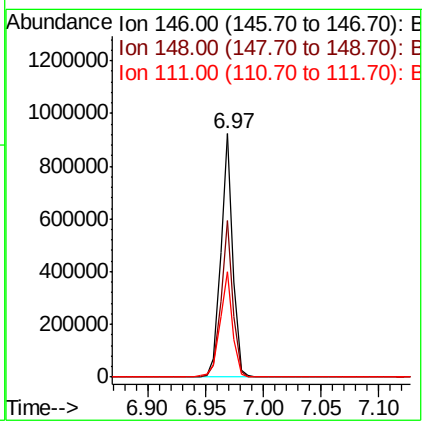


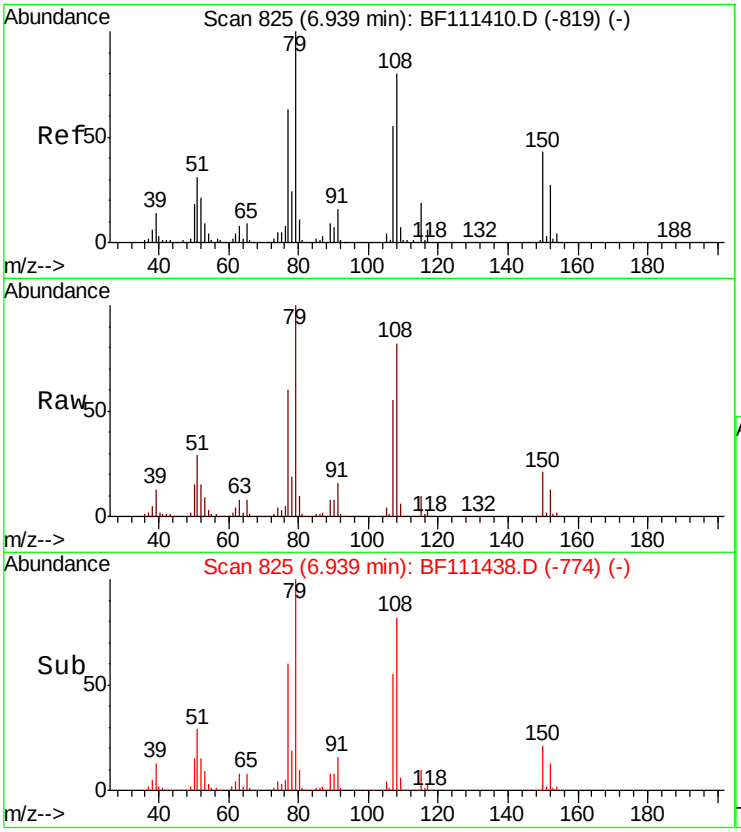




#14
1,2-Dichlorobenzene
Concen: 39.676 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:146 Resp: 661424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.9 | 77.9 |
| 111 | 43.4 | 36.2 | 54.4 |



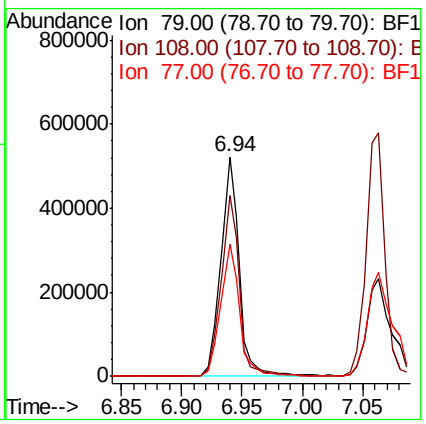


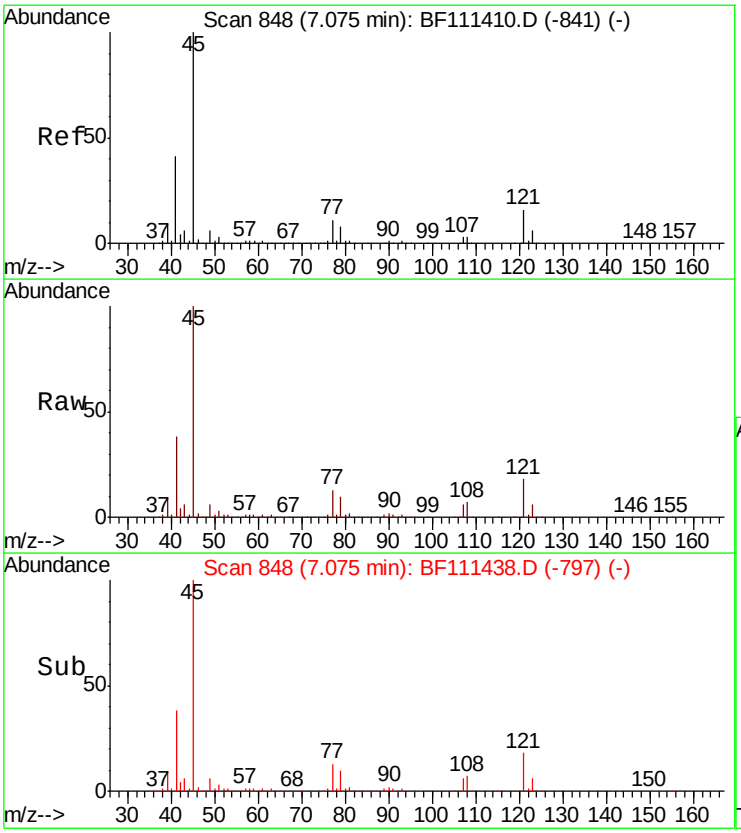

#15
Benzyl Alcohol
Concen: 40.757 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 79 Resp: 547547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.5 | 69.4 | 104.2 |
| 77 | 60.3 | 49.7 | 74.5 |

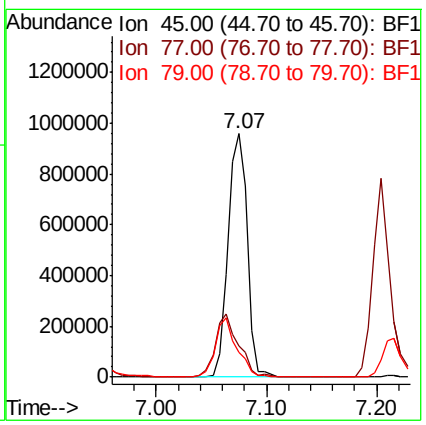


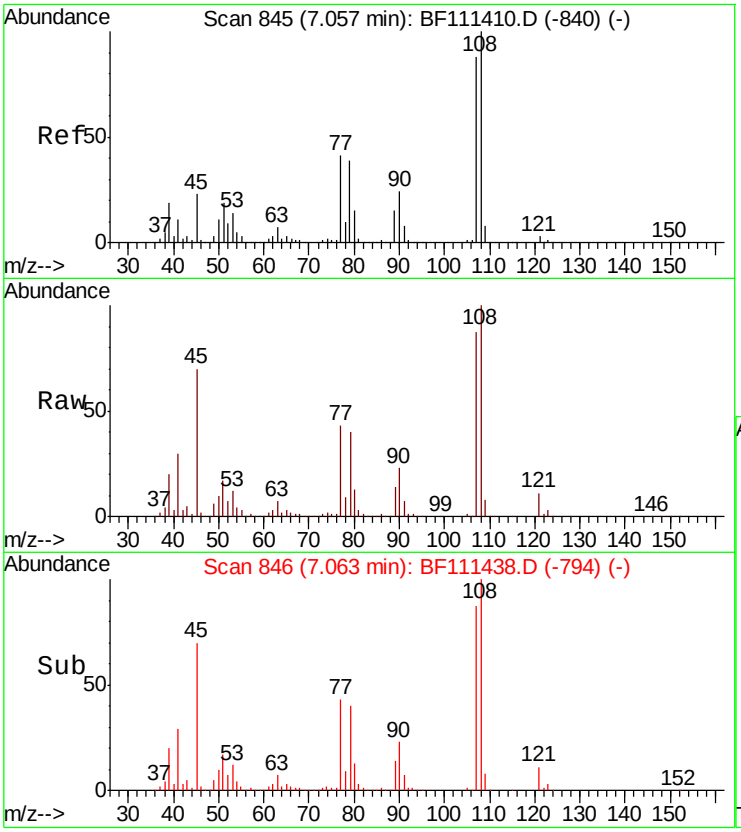




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.865 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 45 Resp: 1169990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.6 | 0.0 | 31.5 |
| 79 | 10.3 | 0.0 | 28.9 |



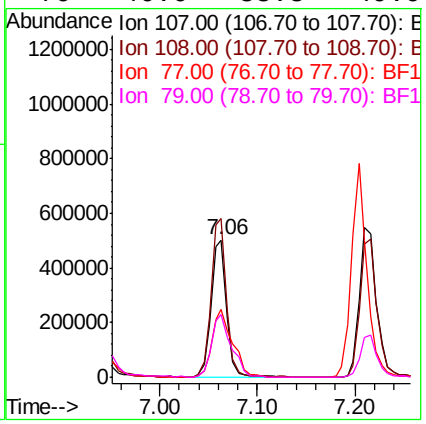


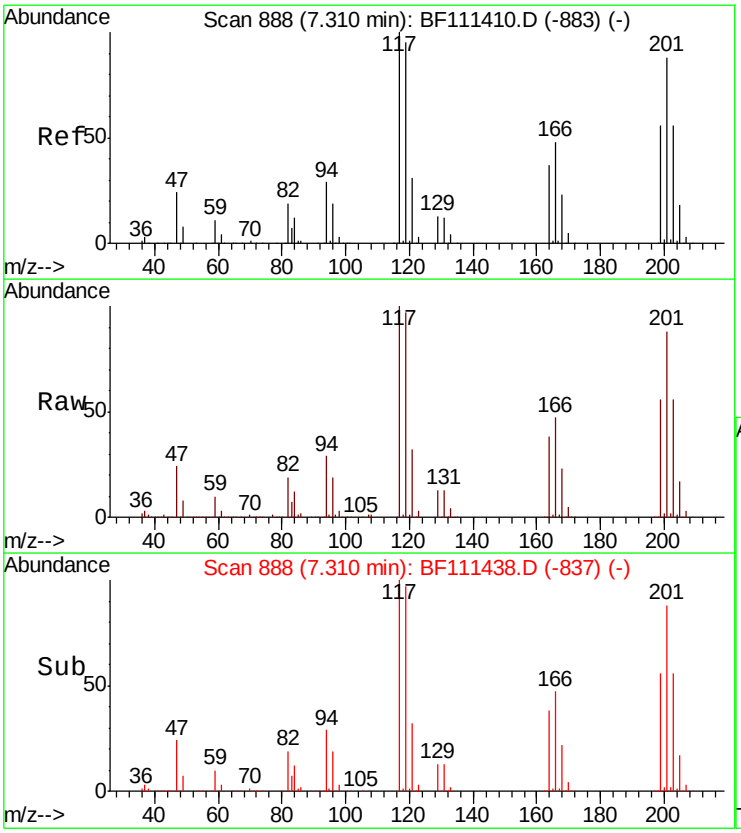

#17
2-Methylphenol
Concen: 42.465 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:107 Resp: 542017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.0 | 91.0 | 136.4 |
| 77 | 49.4 | 33.5 | 50.3 |
| 79 | 46.0 | 33.3 | 49.9 |

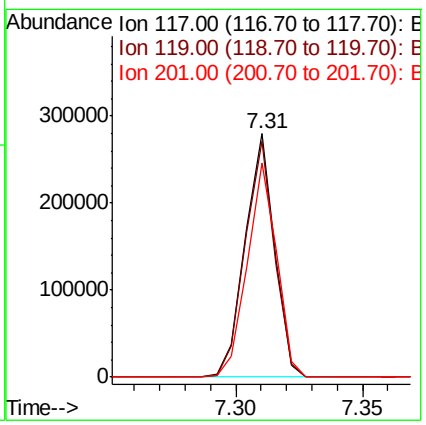


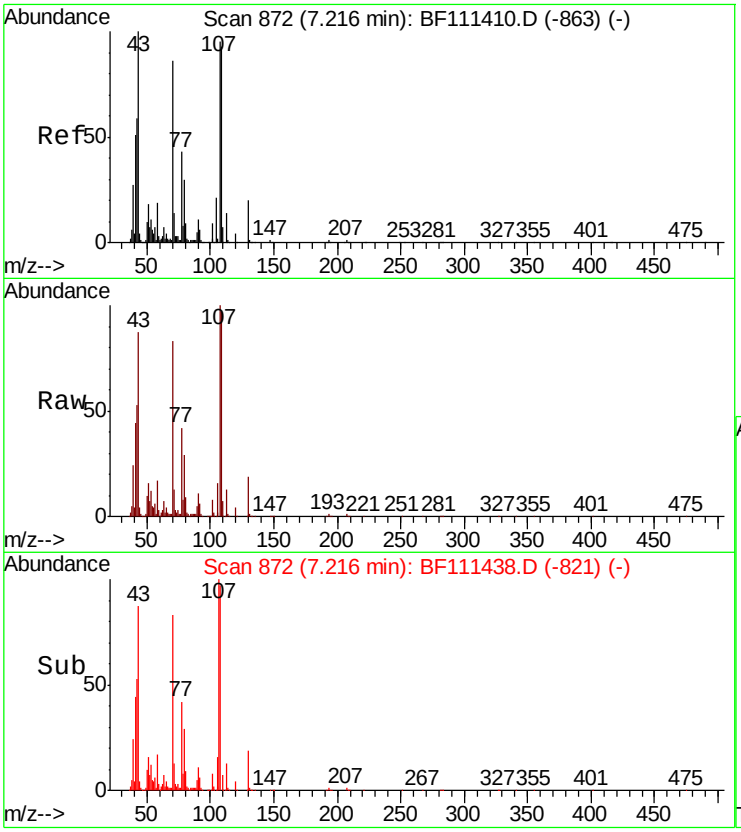




#18
Hexachloroethane
Concen: 34.238 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:117 Resp: 225789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 75.4 | 113.0 |
| 201 | 88.0 | 62.4 | 93.6 |



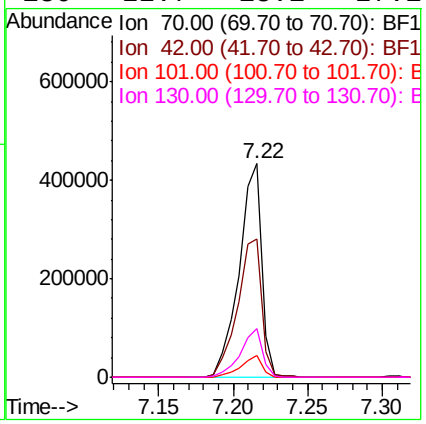


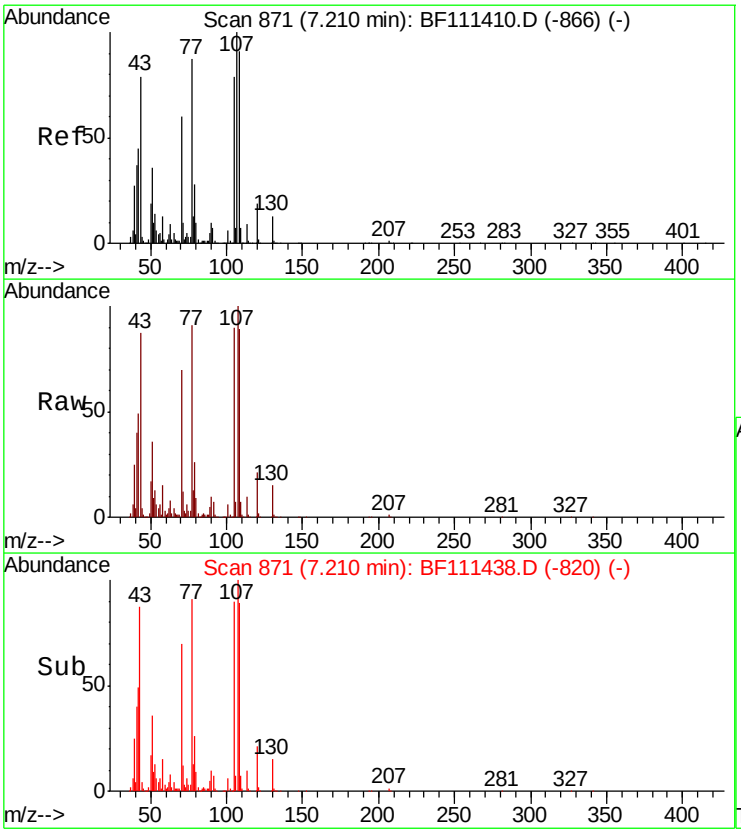

#19
n-Nitroso-di-n-propylamine
Concen: 39.297 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 70 Resp: 457752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.5 | 53.2 | 79.8 |
| 101 | 10.1 | 8.2 | 12.4 |
| 130 | 22.7 | 18.1 | 27.1 |

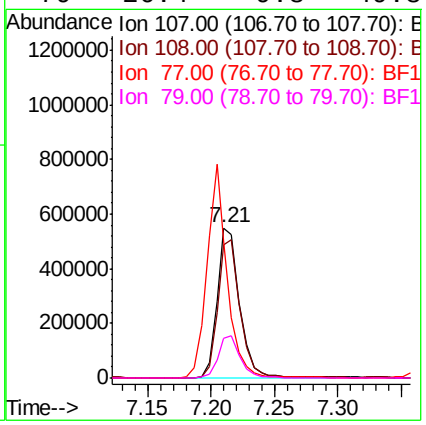


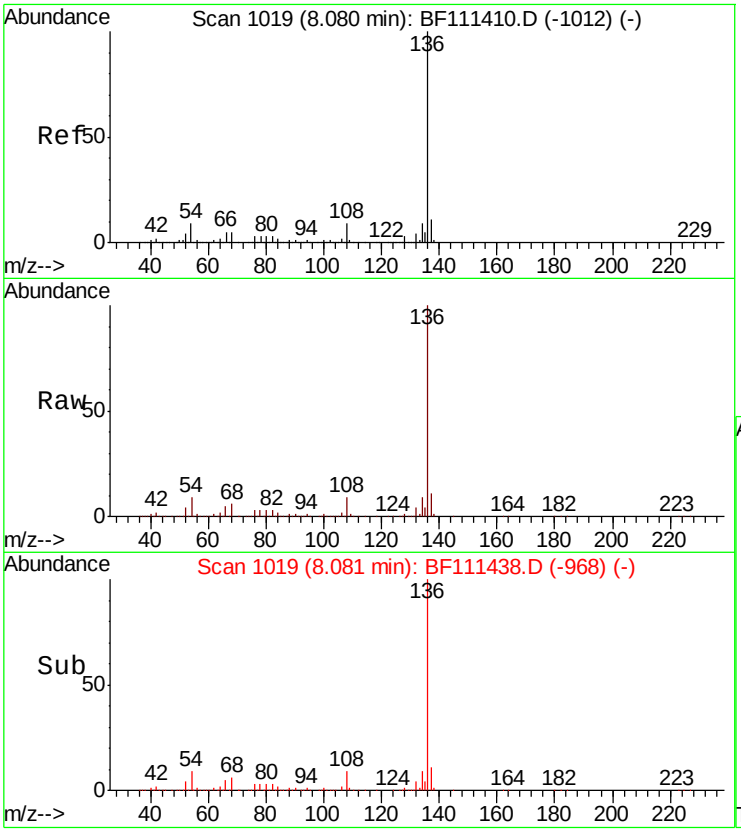




#20
3+4-Methylphenols
Concen: 41.944 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:107 Resp: 671548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.7 | 72.1 | 112.1 |
| 77 | 90.9 | 94.1 | 134.1# |
| 79 | 26.4 | 9.8 | 49.8 |



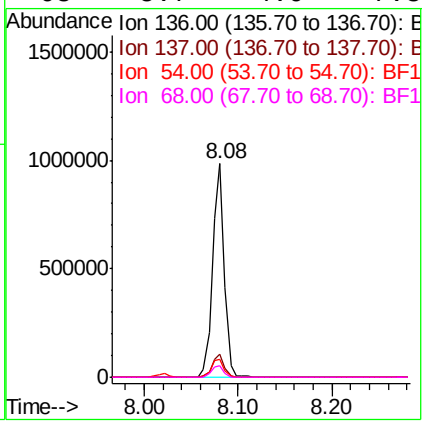


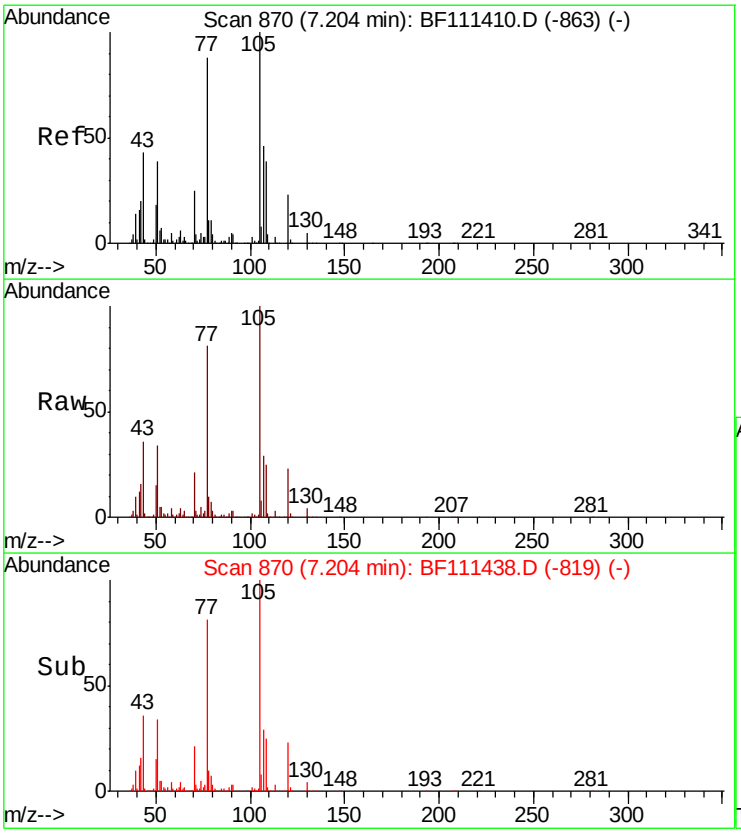

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:136 Resp: 869568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.1 | 13.7 |
| 54 | 8.7 | 7.7 | 11.5 |
| 68 | 5.7 | 4.9 | 7.3 |

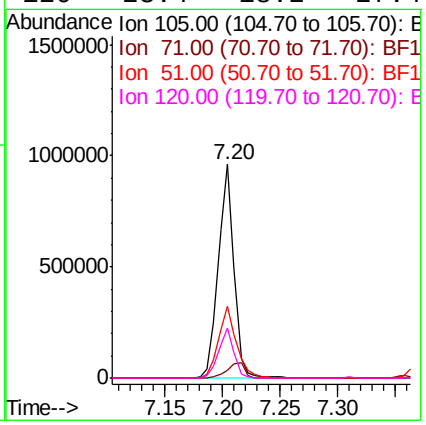


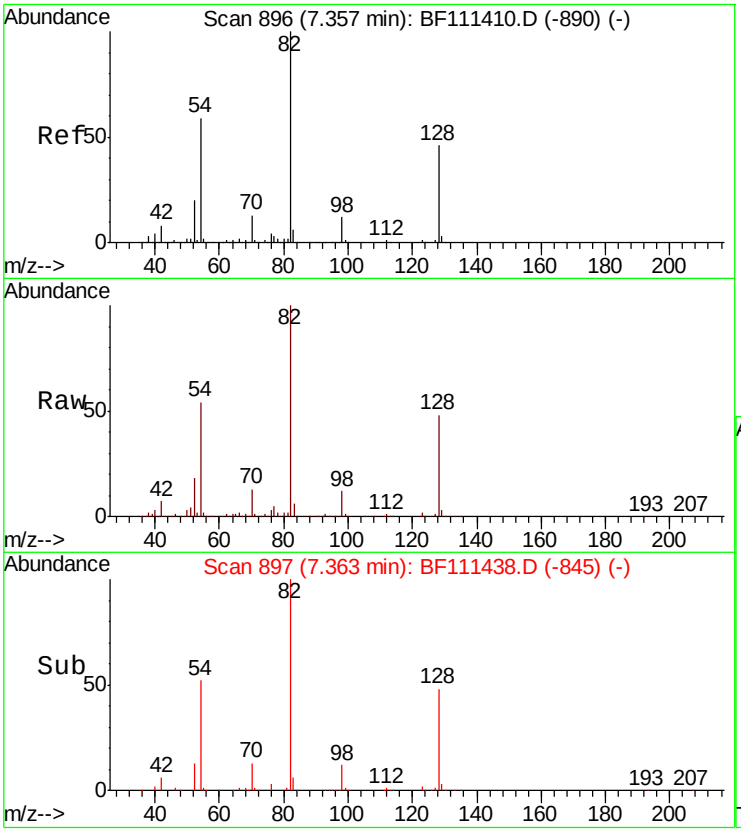




#22
Acetophenone
Concen: 46.697 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:105 Resp: 906467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.5 | 3.1 | 4.7 |
| 51 | 33.6 | 36.6 | 54.8# |
| 120 | 23.4 | 18.2 | 27.4 |



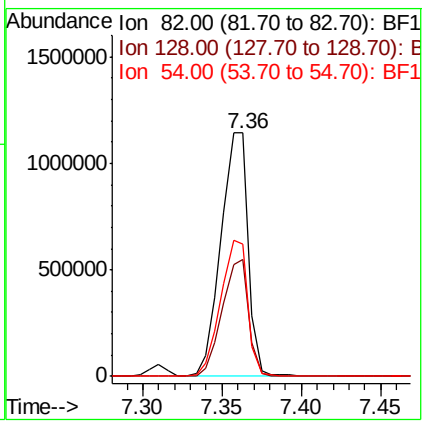


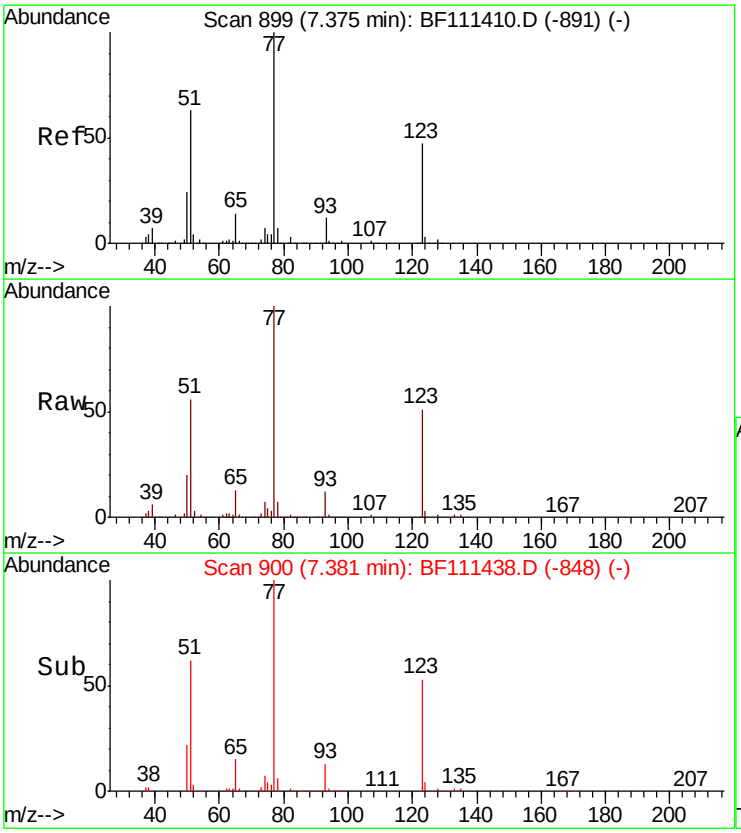

#23
Nitrobenzene-d5
Concen: 93.665 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 82 Resp: 1367755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.2 | 37.4 | 56.2 |
| 54 | 54.4 | 47.6 | 71.4 |

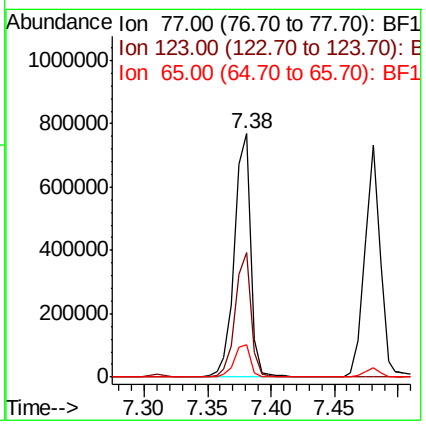


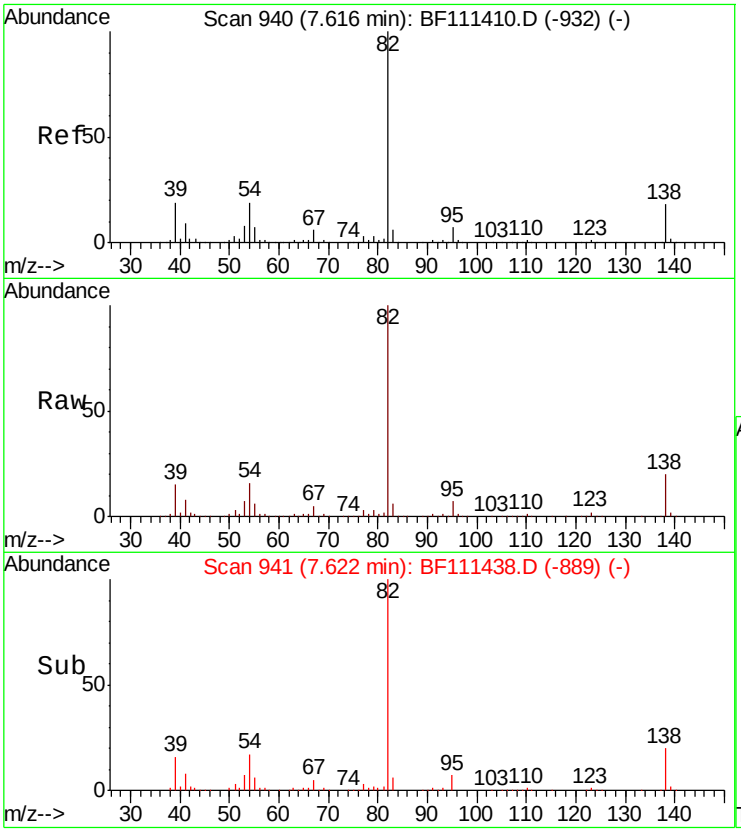




#24
Nitrobenzene
Concen: 45.083 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 77 Resp: 671575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.3 | 37.2 | 55.8 |
| 65 | 13.2 | 11.5 | 17.3 |



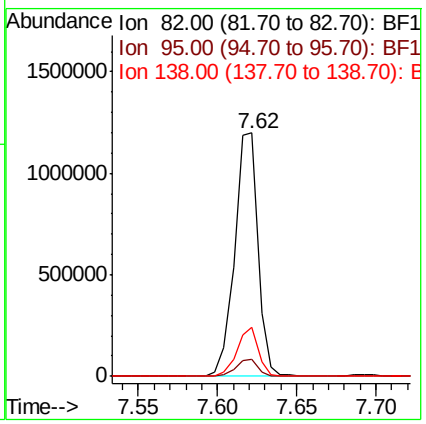


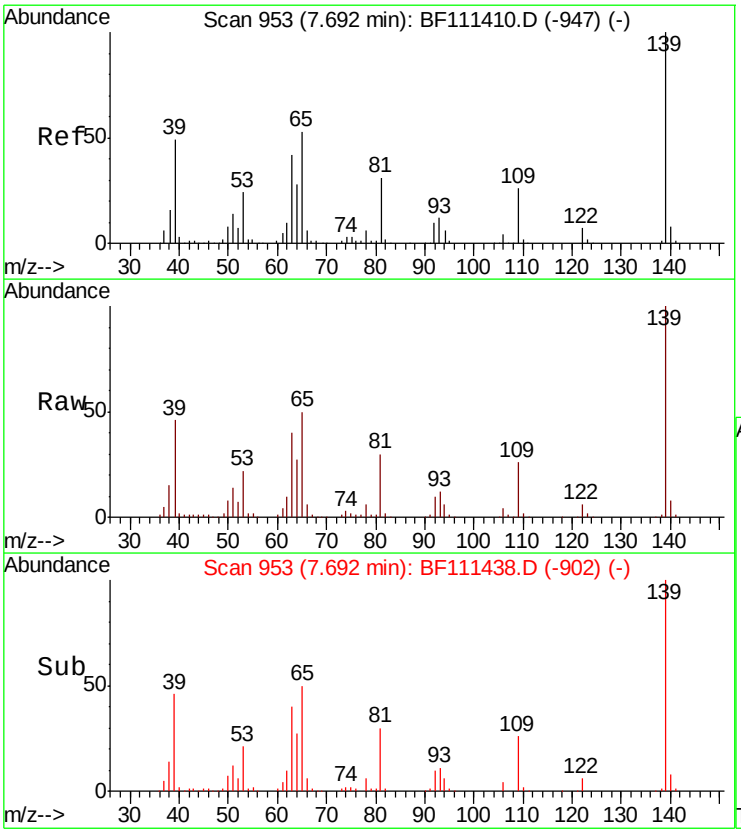

#25
Isophorone
Concen: 49.543 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 82 Resp: 1224101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.4 | 8.2 |
| 138 | 19.9 | 15.1 | 22.7 |

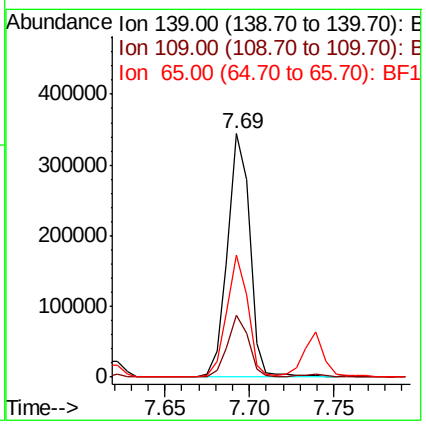


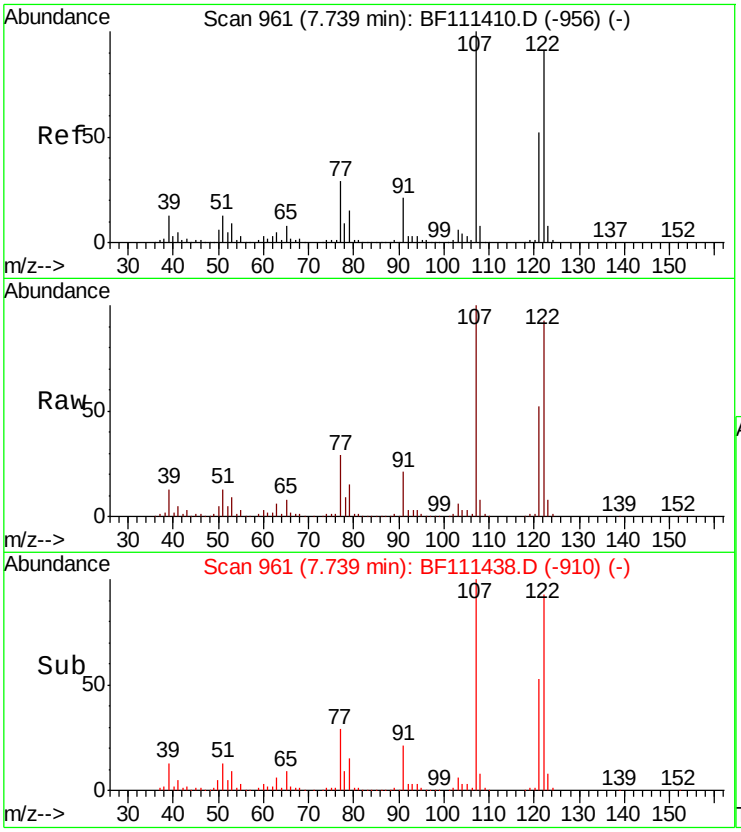




#26
2-Nitrophenol
Concen: 40.839 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:139 Resp: 315491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.5 | 20.2 | 30.4 |
| 65 | 50.1 | 40.7 | 61.1 |



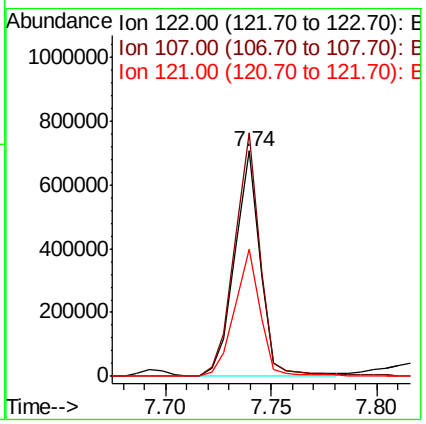


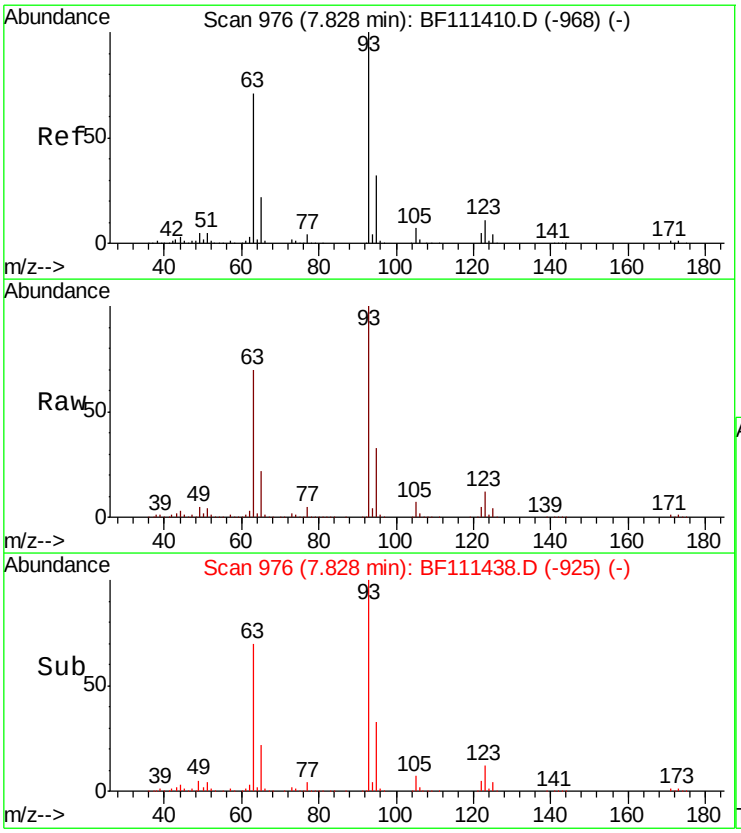

#27
2,4-Dimethylphenol
Concen: 52.507 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:122 Resp: 588051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.0 | 85.5 | 128.3 |
| 121 | 56.6 | 46.6 | 70.0 |

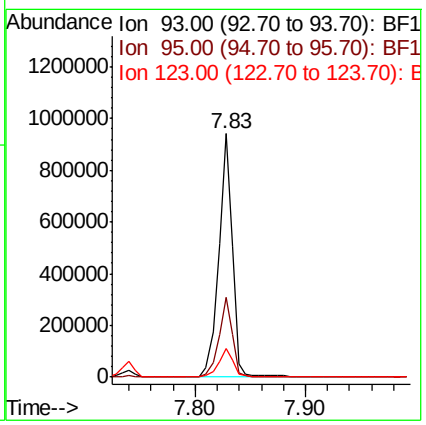


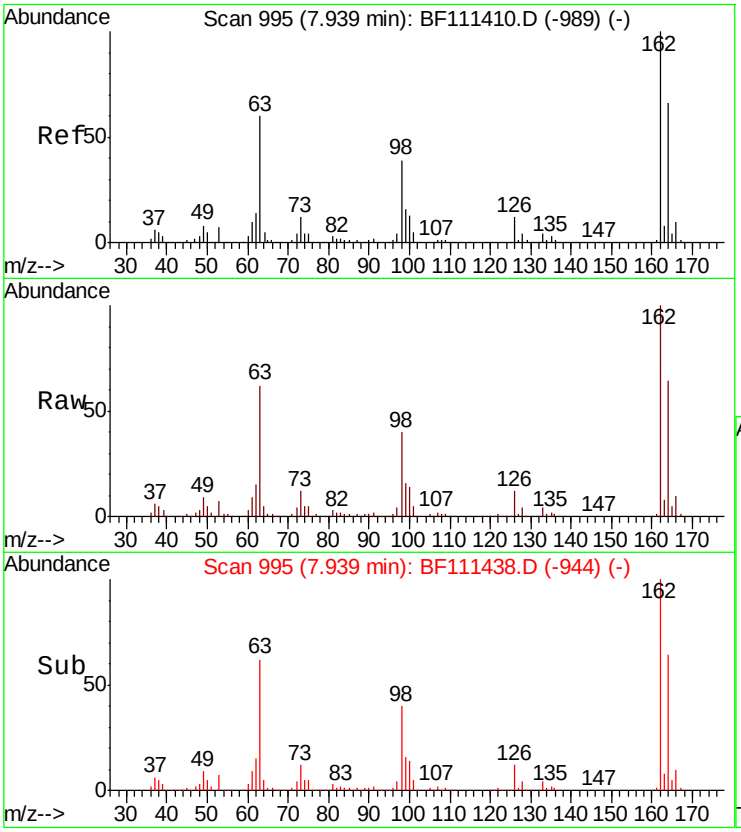




#28
bis(2-Chloroethoxy)methane
Concen: 47.552 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 93 Resp: 811095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 27.1 | 40.7 |
| 123 | 11.8 | 9.9 | 14.9 |



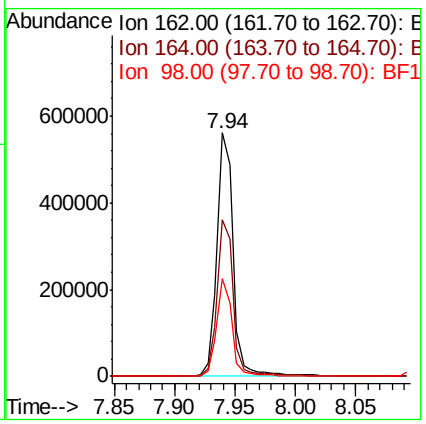


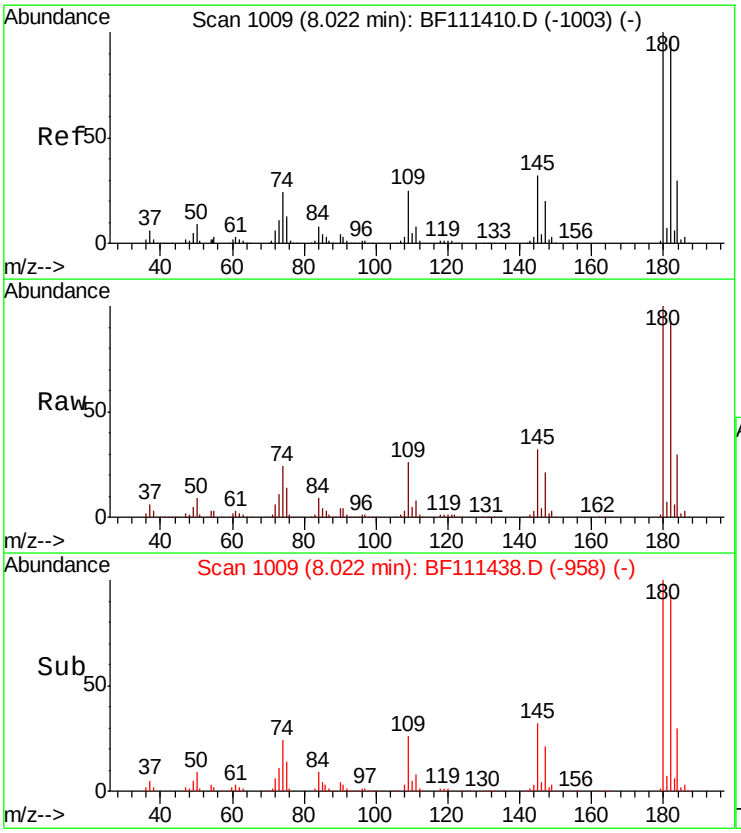

#29
2,4-Dichlorophenol
Concen: 43.568 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:162 Resp: 520876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 44.4 | 84.4 |
| 98 | 40.0 | 20.3 | 60.3 |

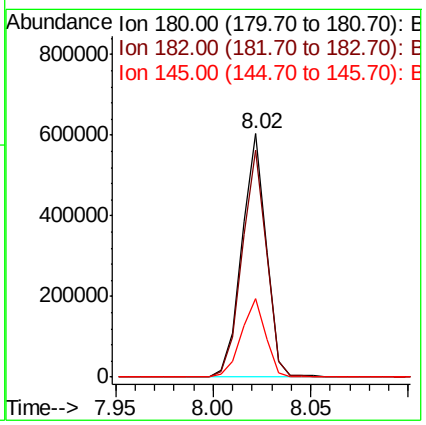


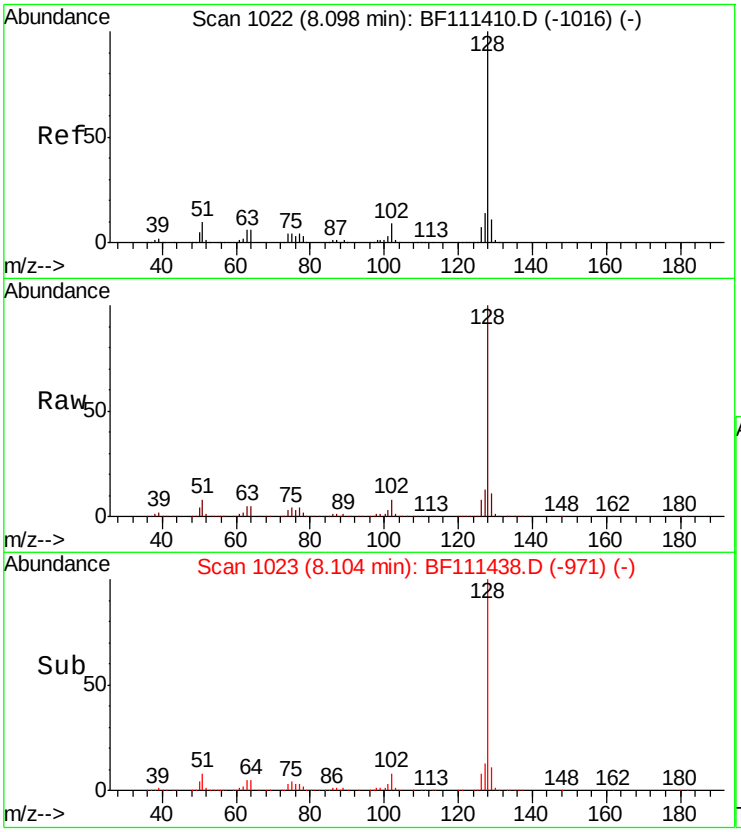




#30
1,2,4-Trichlorobenzene
Concen: 41.683 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:180 Resp: 521674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.3 | 75.6 | 113.4 |
| 145 | 32.2 | 26.7 | 40.1 |



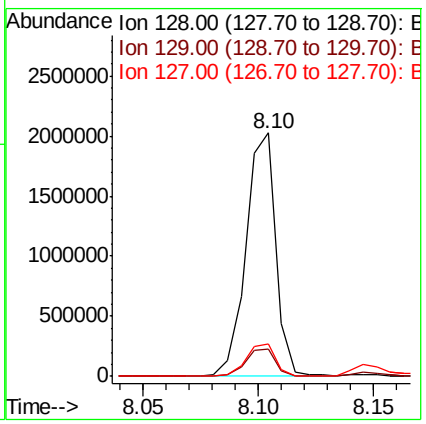


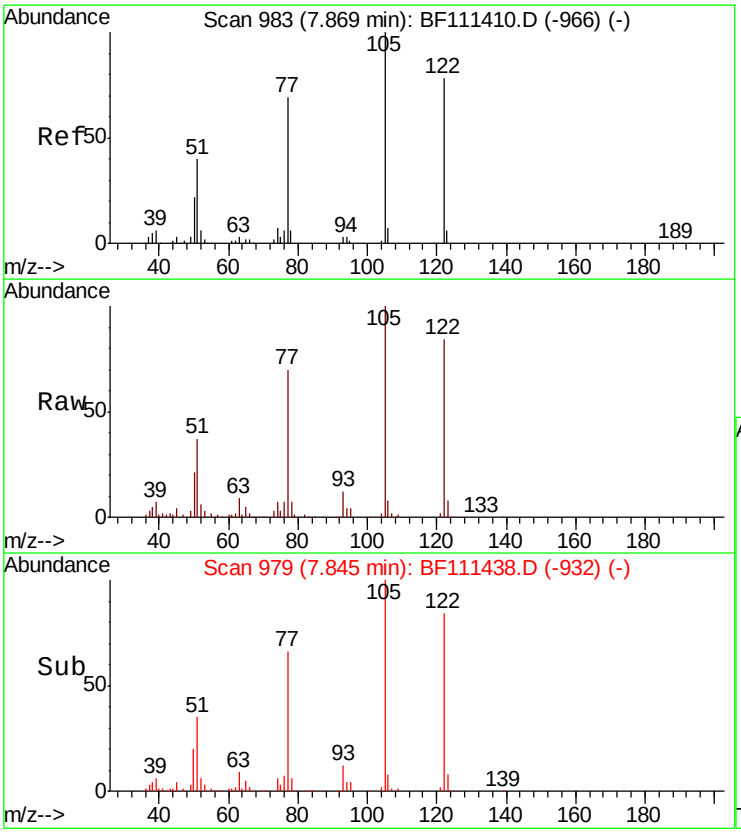

#31
Naphthalene
Concen: 45.068 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:128 Resp: 1833000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.8 | 14.8 |
| 127 | 13.5 | 12.0 | 18.0 |

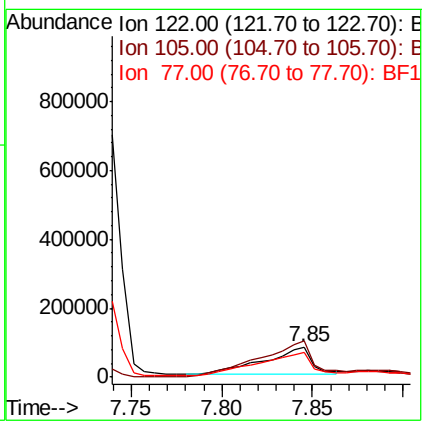


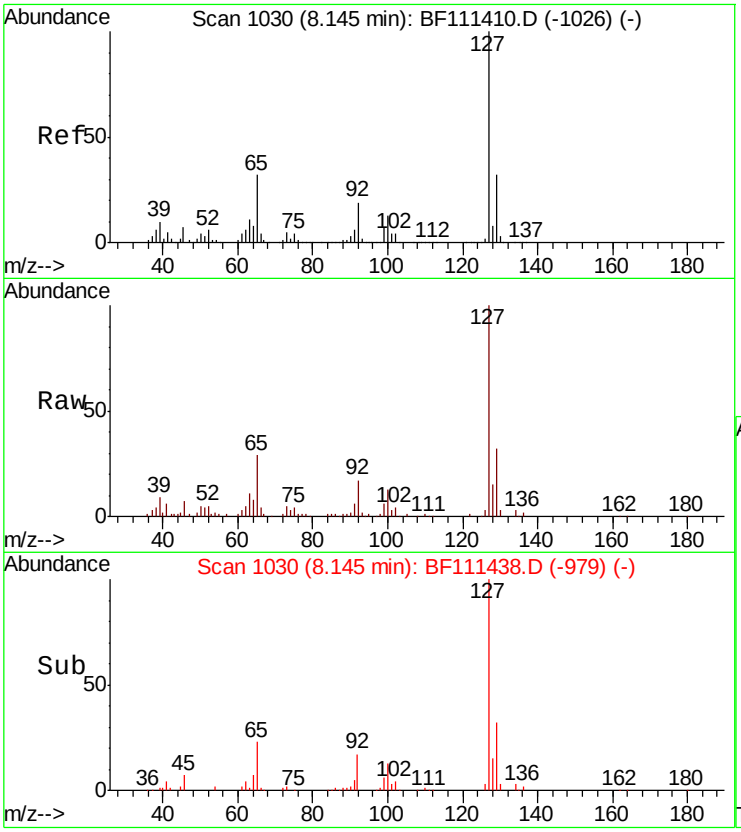




#32
Benzoic acid
Concen: 15.717 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:122 Resp: 152111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.3 | 97.0 | 137.0 |
| 77 | 83.0 | 65.7 | 105.7 |



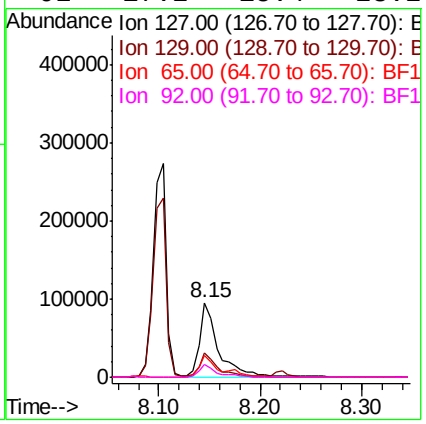


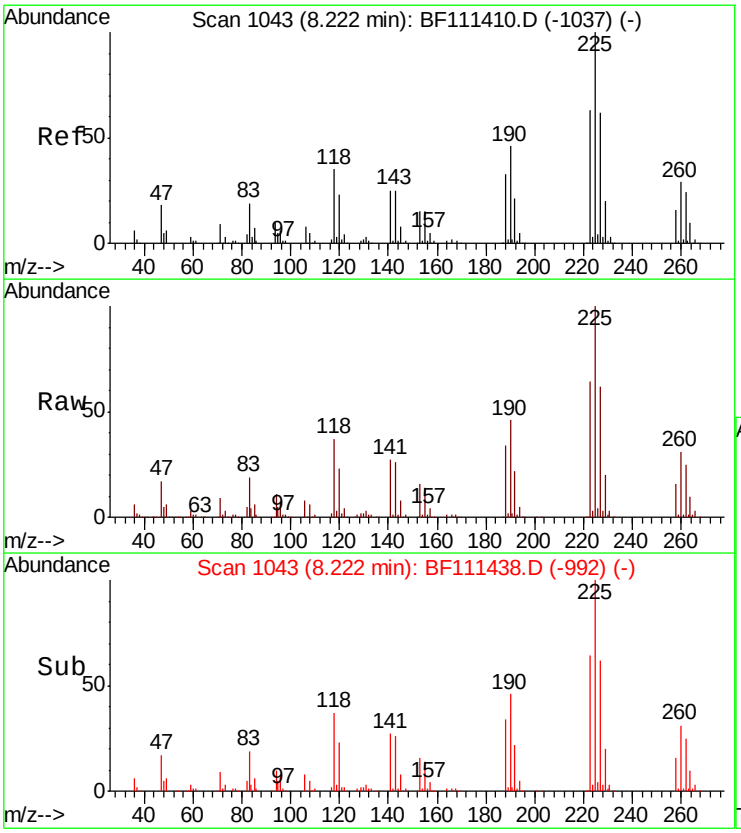

#33
4-Chloroaniline
Concen: 6.825 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:127 Resp: 123426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.6 | 39.8 |
| 65 | 29.0 | 25.7 | 38.5 |
| 92 | 17.2 | 15.4 | 23.2 |

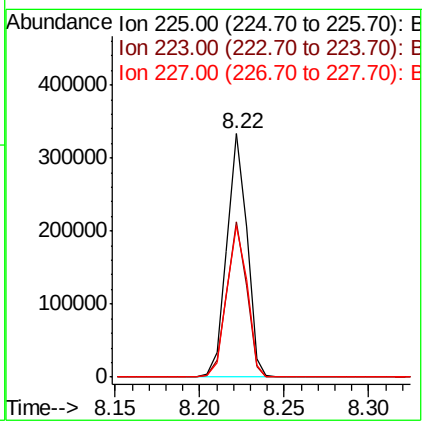


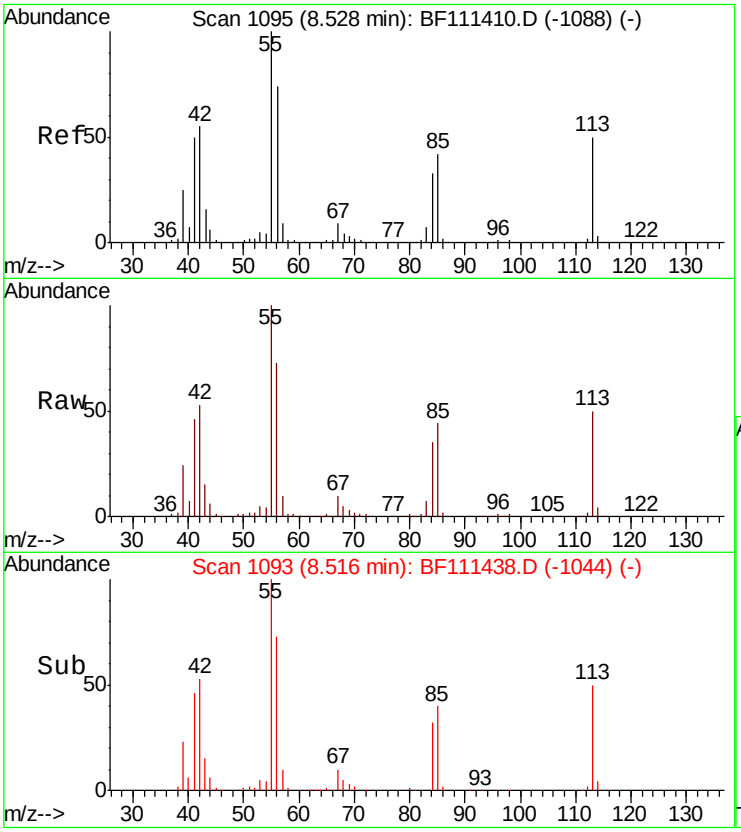




#34
Hexachlorobutadiene
Concen: 39.961 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:225 Resp: 275541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 50.7 | 76.1 |
| 227 | 62.5 | 52.6 | 78.8 |



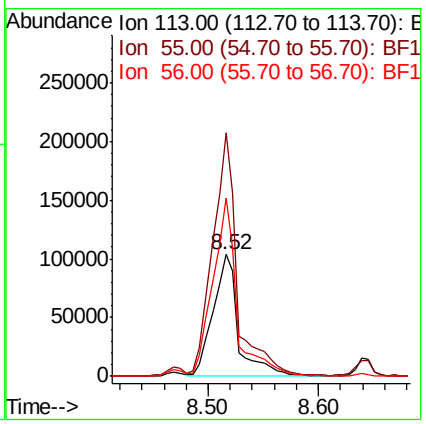


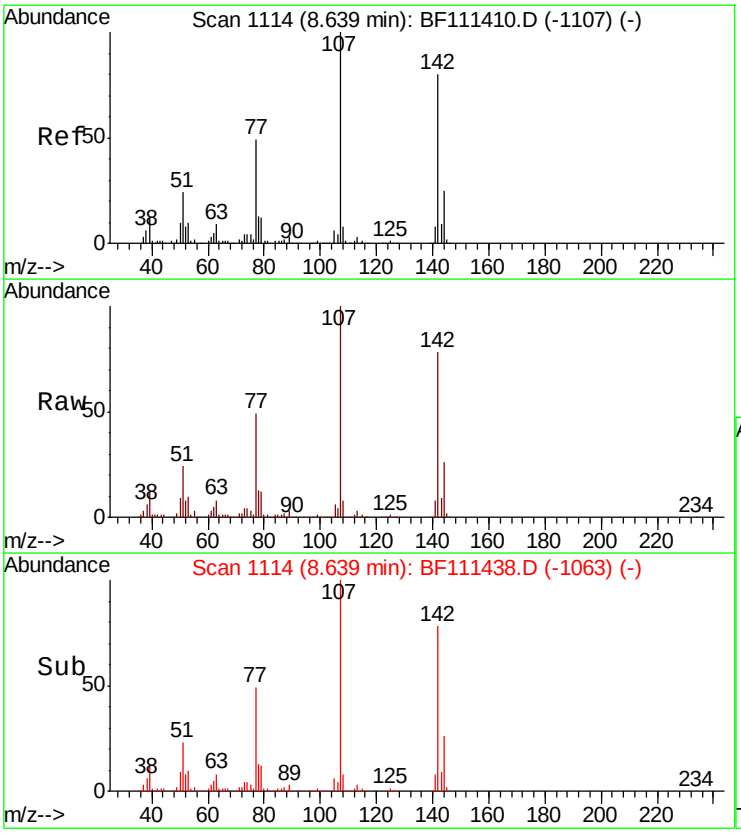

#35
Caprolactam
Concen: 37.254 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:113 Resp: 165361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 200.3 | 184.1 | 224.1 |
| 56 | 146.6 | 126.0 | 166.0 |

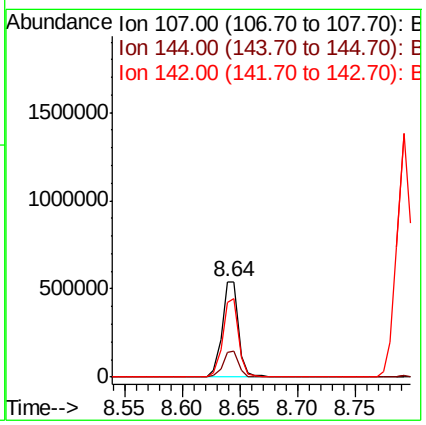


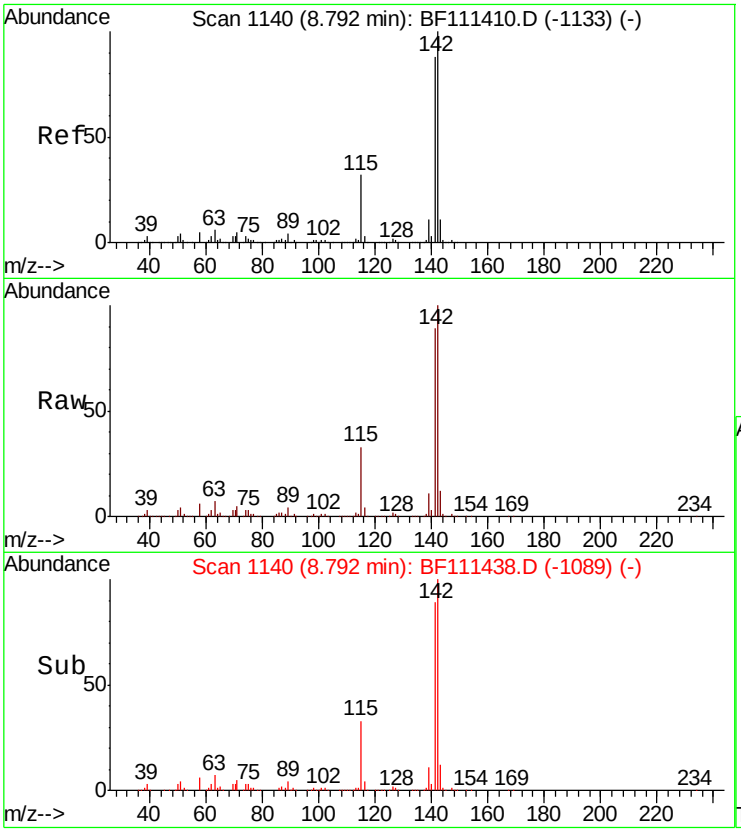




#36
4-Chloro-3-methylphenol
Concen: 40.959 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:107 Resp: 539007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.3 | 19.8 | 29.6 |
| 142 | 77.5 | 62.3 | 93.5 |



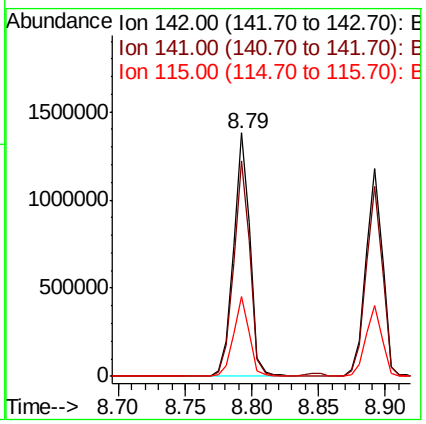


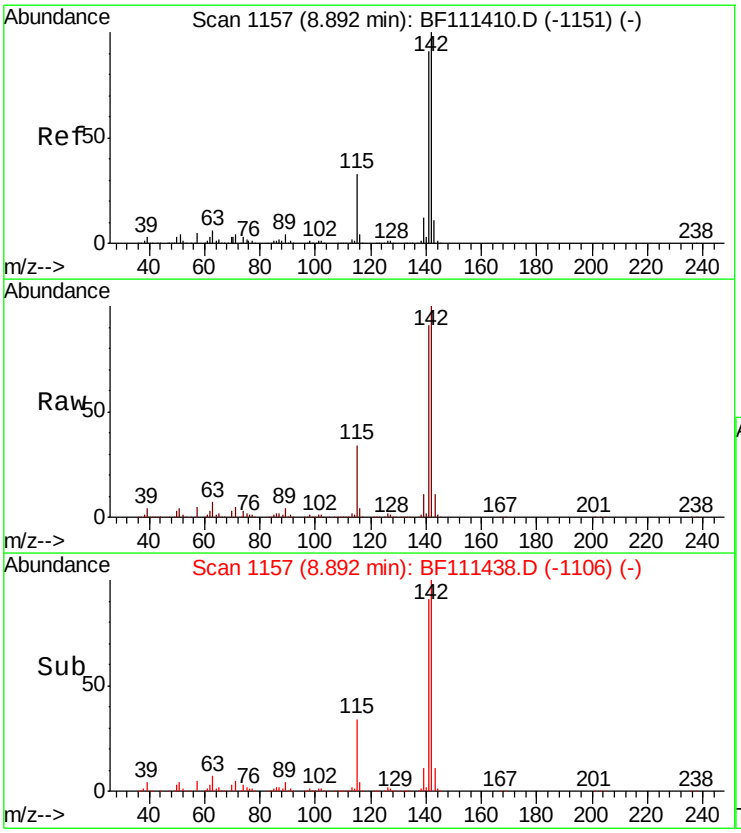

#37
2-Methylnaphthalene
Concen: 43.270 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:142 Resp: 1190846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 70.6 | 105.8 |
| 115 | 32.7 | 27.0 | 40.6 |

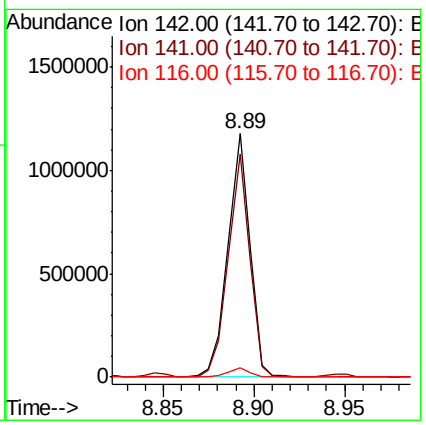


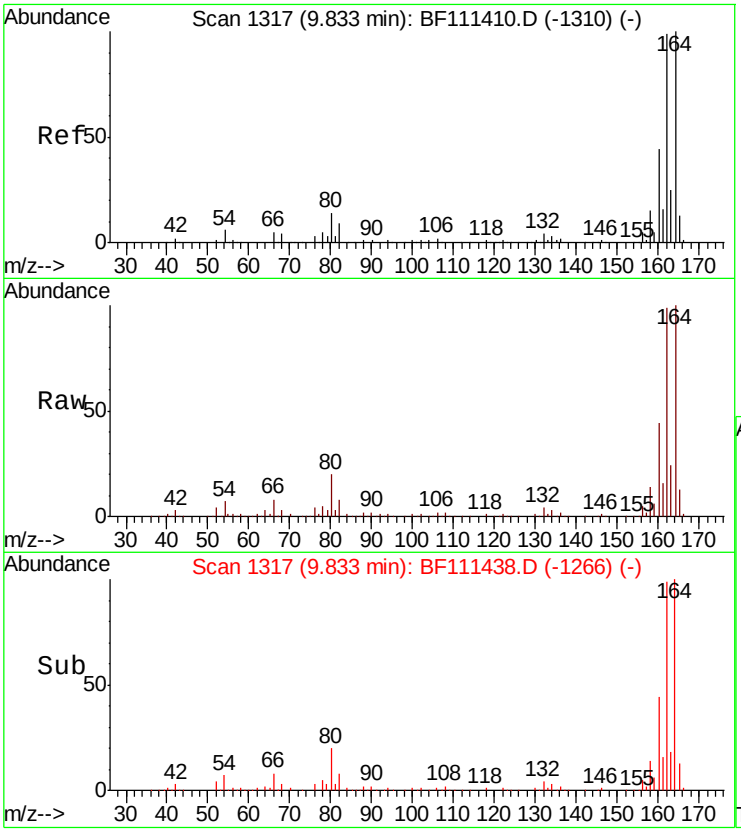




#38
1-Methylnaphthalene
Concen: 37.576 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:142 Resp: 999065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 74.2 | 111.4 |
| 116 | 3.7 | 2.9 | 4.3 |



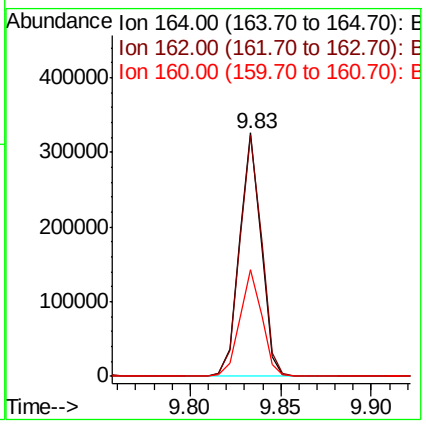


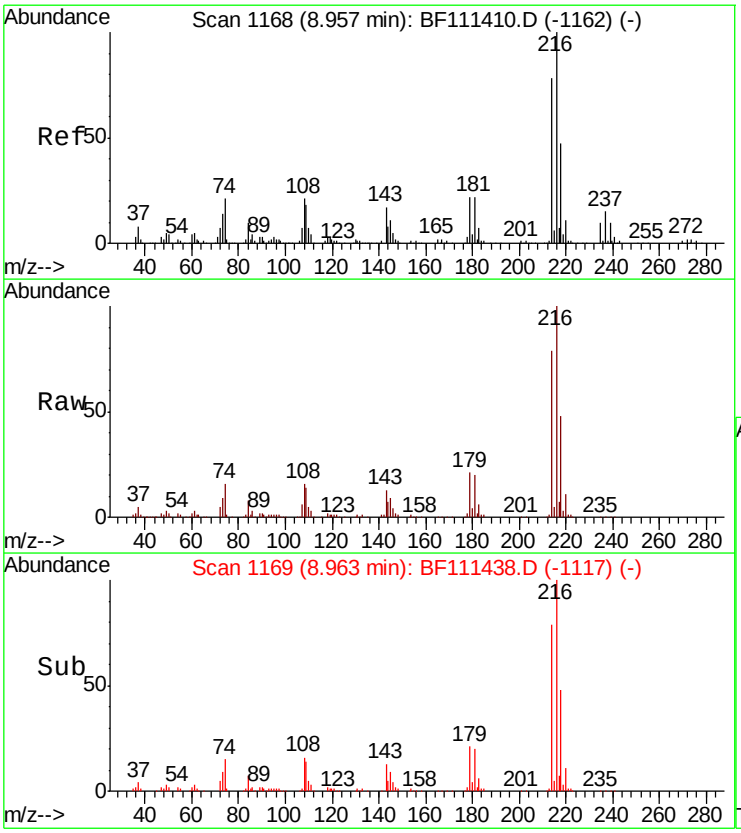

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:164 Resp: 268348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.0 | 81.4 | 122.0 |
| 160 | 44.1 | 35.7 | 53.5 |

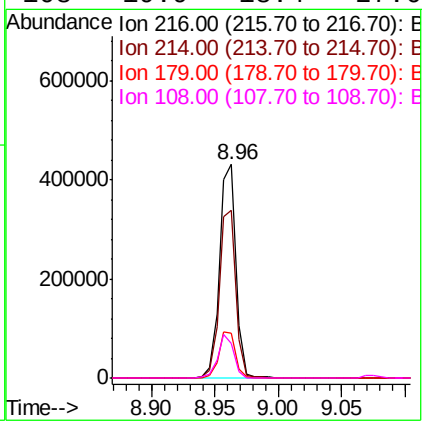


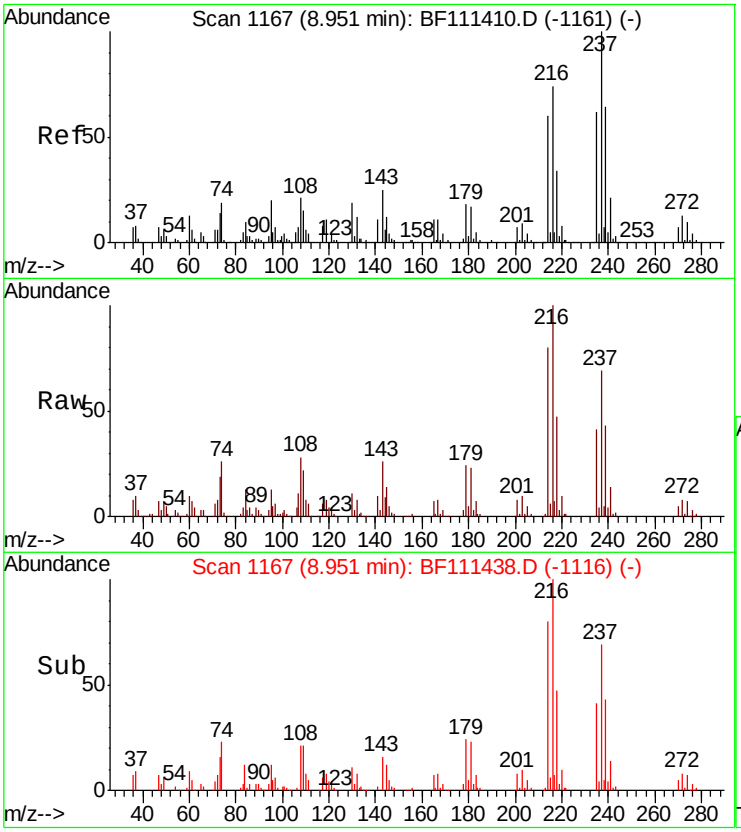




#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.150 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:216 Resp: 391143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.3 | 63.8 | 95.8 |
| 179 | 21.8 | 17.9 | 26.9 |
| 108 | 19.9 | 18.4 | 27.6 |



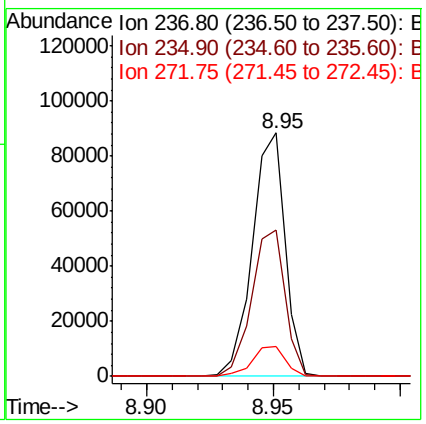


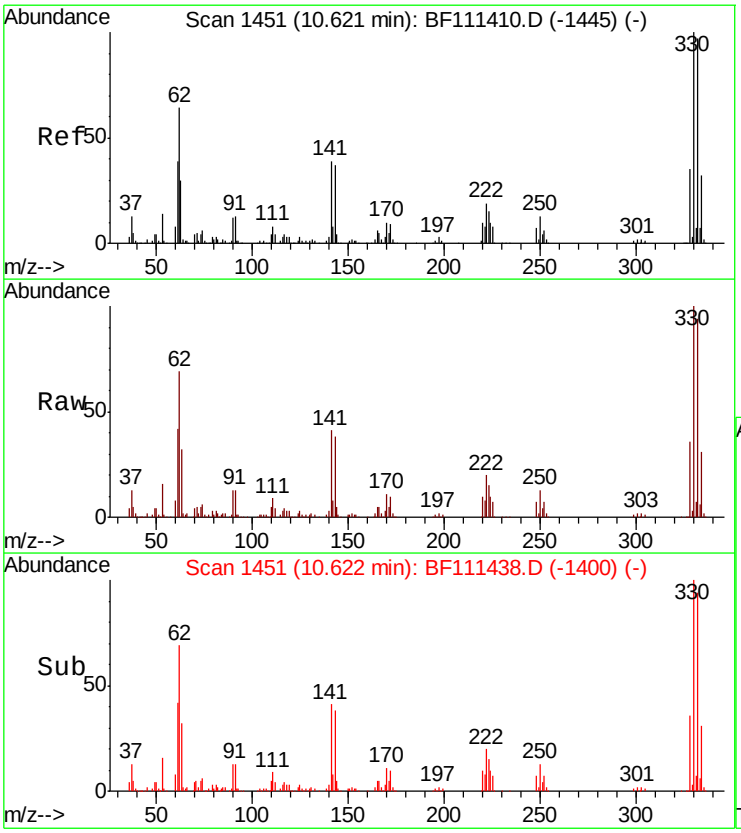

#41
Hexachlorocyclopentadiene
Concen: 21.151 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:237 Resp: 79916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 59.9 | 43.1 | 83.1 |
| 272 | 12.2 | 0.0 | 33.0 |

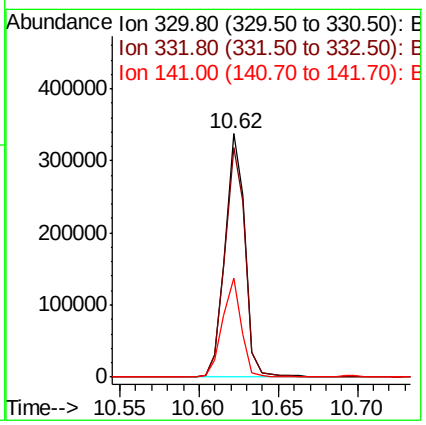


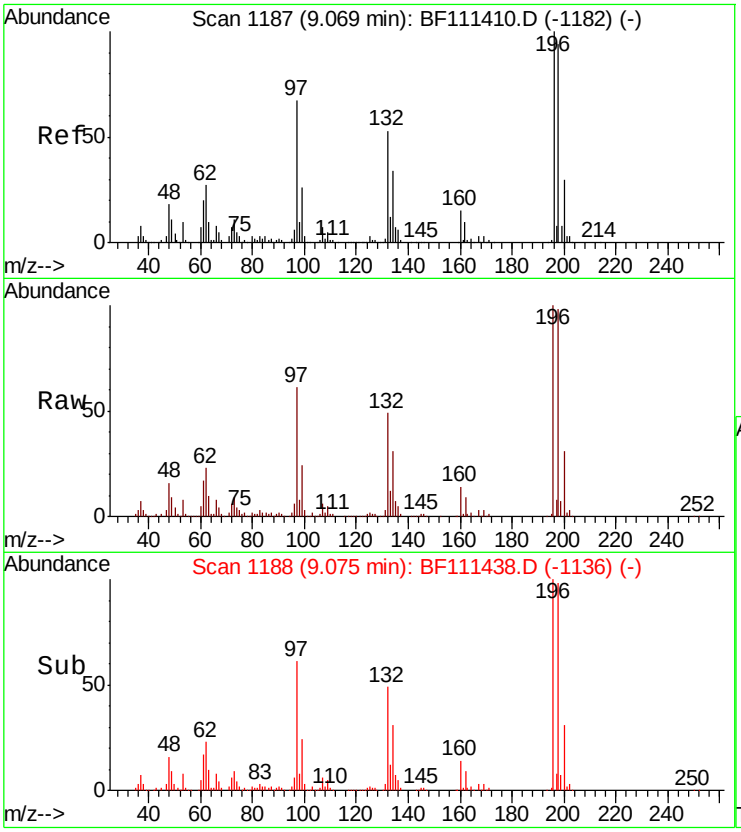




#42
2,4,6-Tribromophenol
Concen: 122.372 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:330 Resp: 294162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 76.0 | 114.0 |
| 141 | 38.7 | 31.0 | 46.6 |



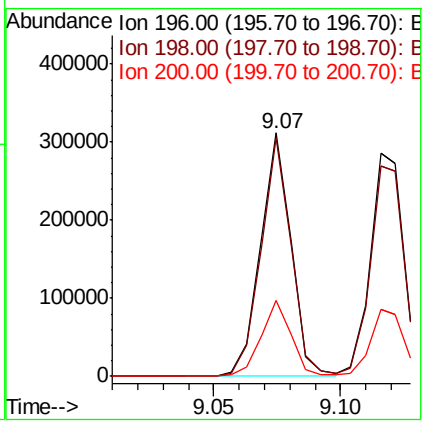


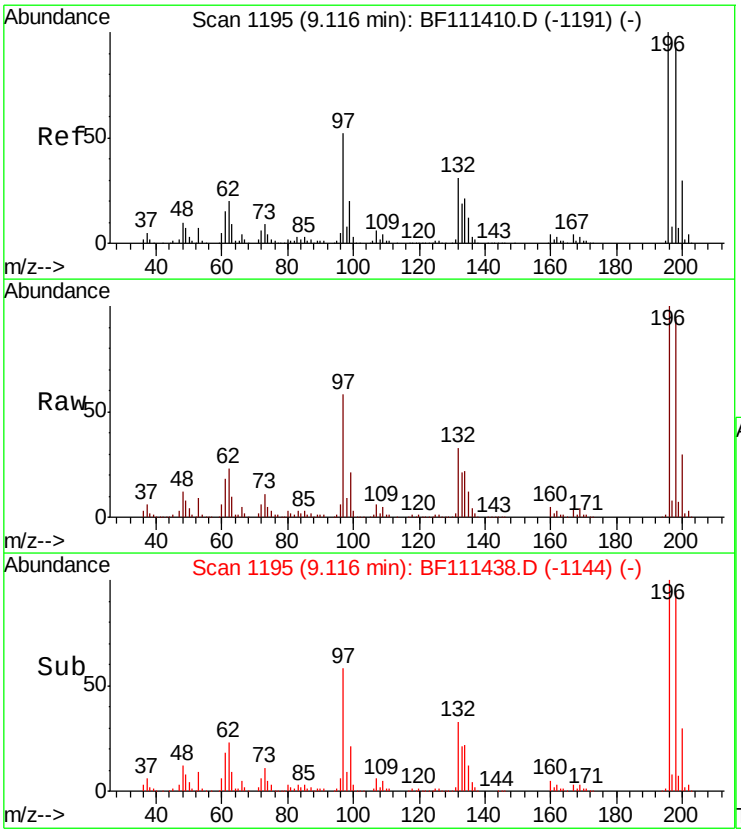

#43
2,4,6-Trichlorophenol
Concen: 50.647 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:196 Resp: 263794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 76.3 | 114.5 |
| 200 | 30.9 | 24.9 | 37.3 |

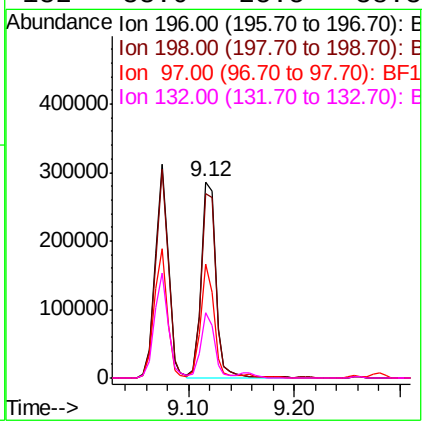


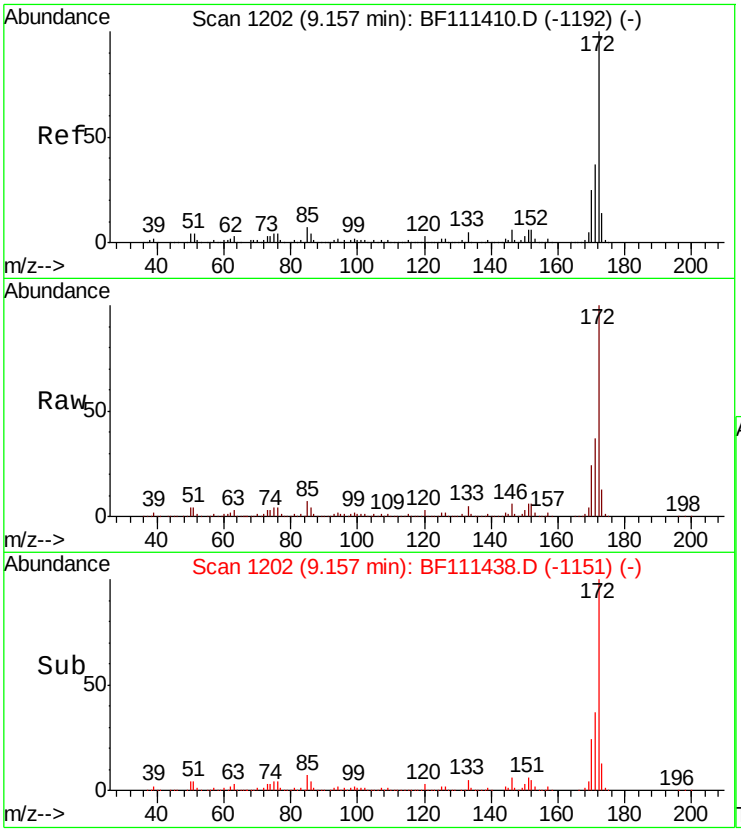




#44
2,4,5-Trichlorophenol
Concen: 49.730 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:196 Resp: 275628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.8 | 72.9 | 109.3 |
| 97 | 57.9 | 45.3 | 67.9 |
| 132 | 33.0 | 25.5 | 38.3 |



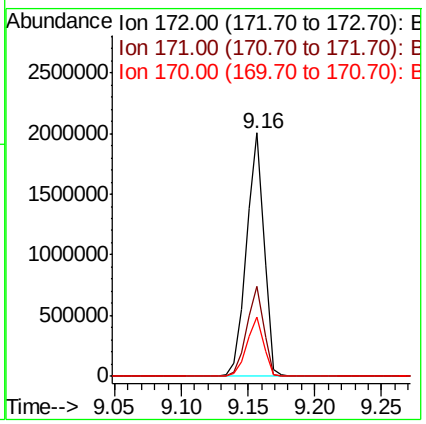


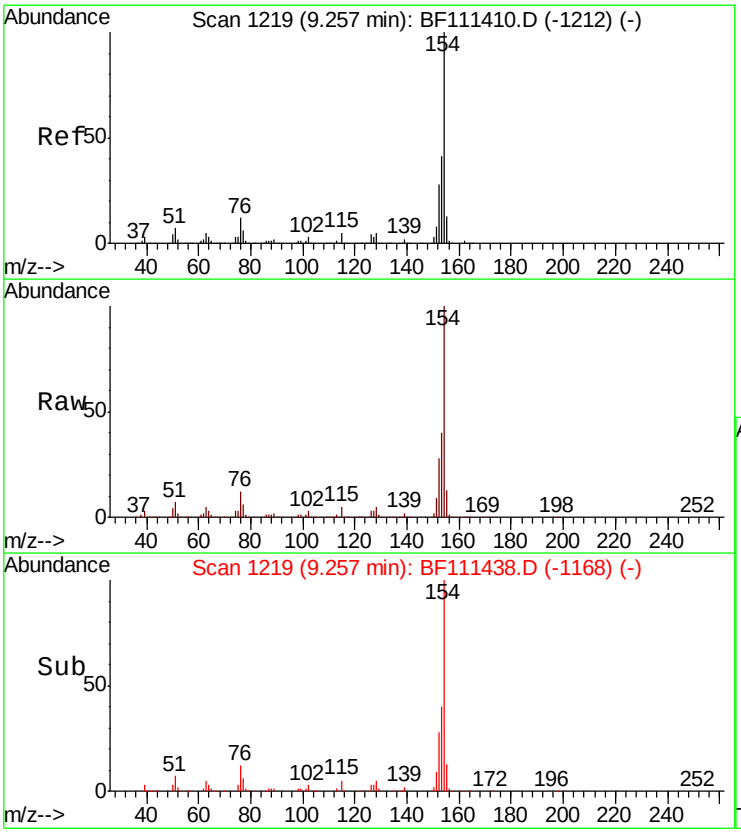

#45
2-Fluorobiphenyl
Concen: 103.067 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:172 Resp: 1790570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 33.0 | 49.4 |
| 170 | 24.4 | 22.3 | 33.5 |

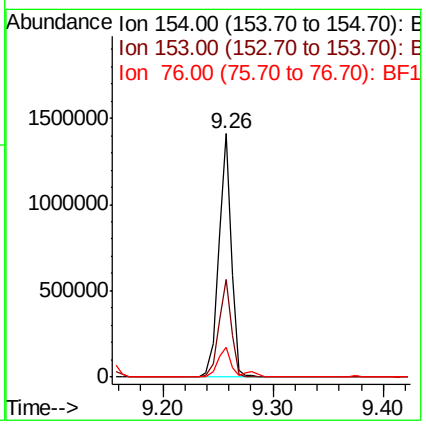


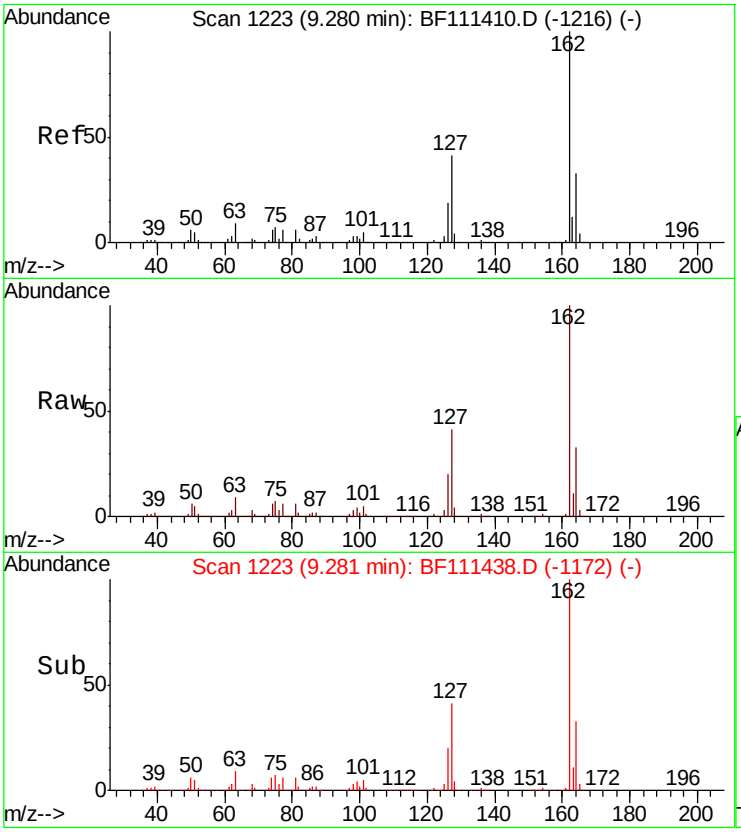




#46
1,1'-Biphenyl
Concen: 48.852 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:154 Resp: 1110767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 23.7 | 63.7 |
| 76 | 12.4 | 0.0 | 35.0 |



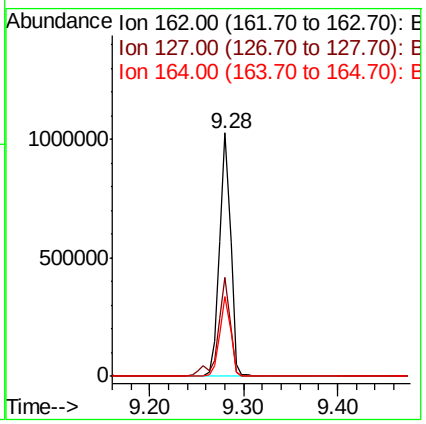


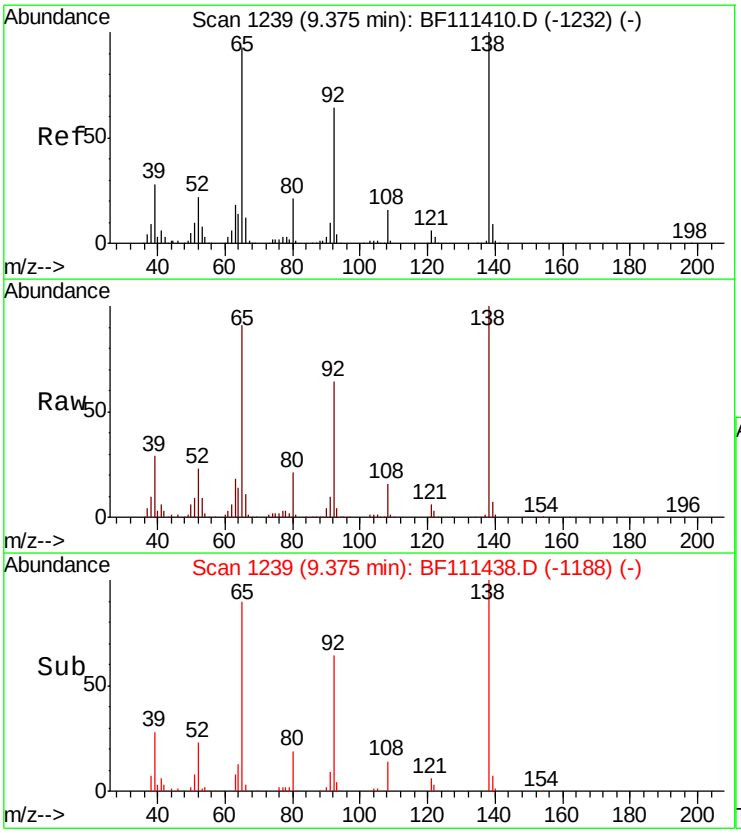

#47
2-Chloronaphthalene
Concen: 49.374 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:162 Resp: 853338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.7 | 35.0 | 52.4 |
| 164 | 32.8 | 28.4 | 42.6 |

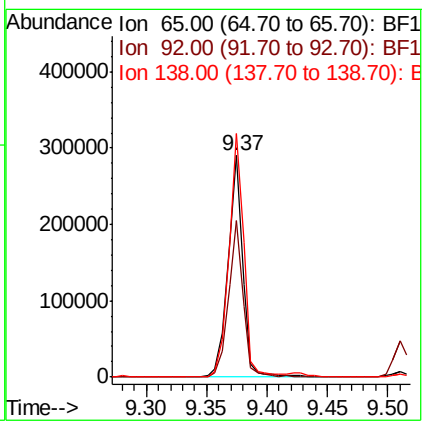


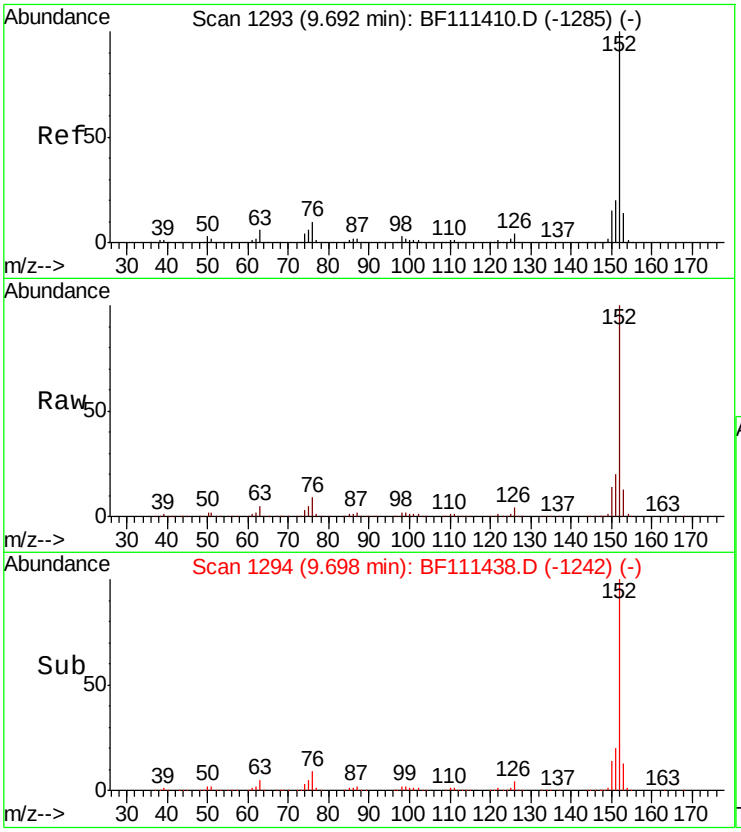




#48
2-Nitroaniline
Concen: 44.326 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 65 Resp: 248745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.8 | 53.5 | 80.3 |
| 138 | 109.9 | 80.9 | 121.3 |



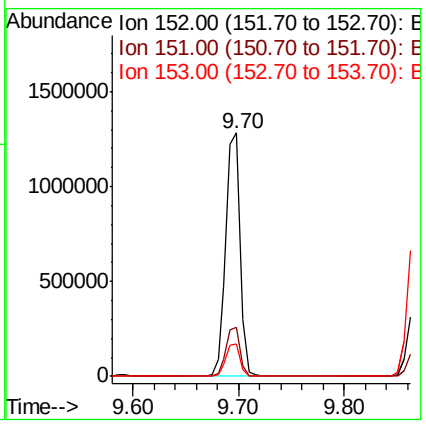


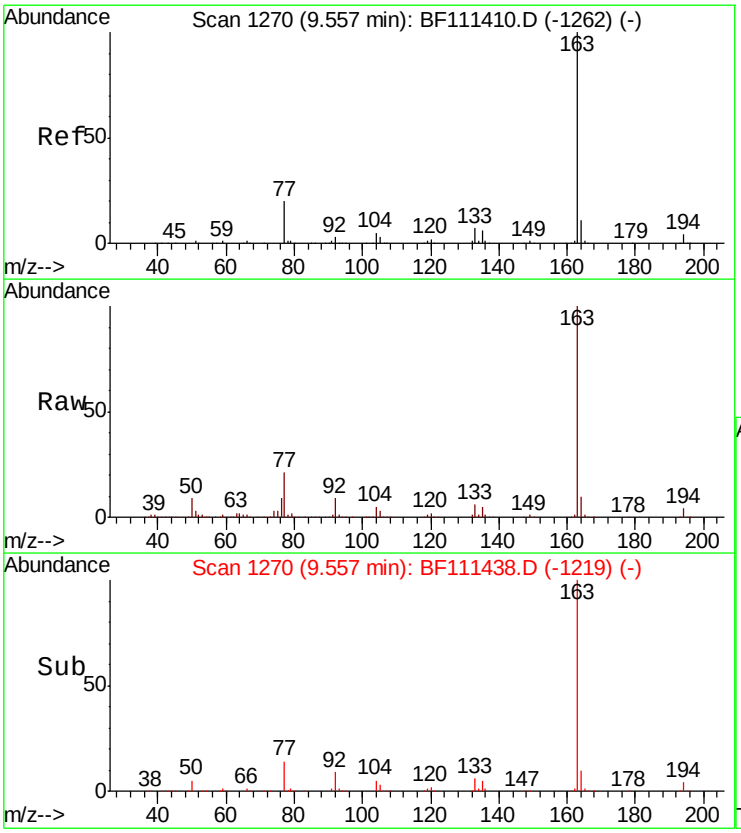

#49
Acenaphthylene
Concen: 47.216 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:152 Resp: 1211303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 18.0 | 27.0 |
| 153 | 13.3 | 12.3 | 18.5 |

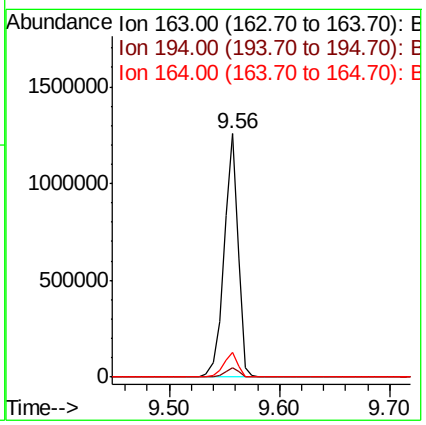


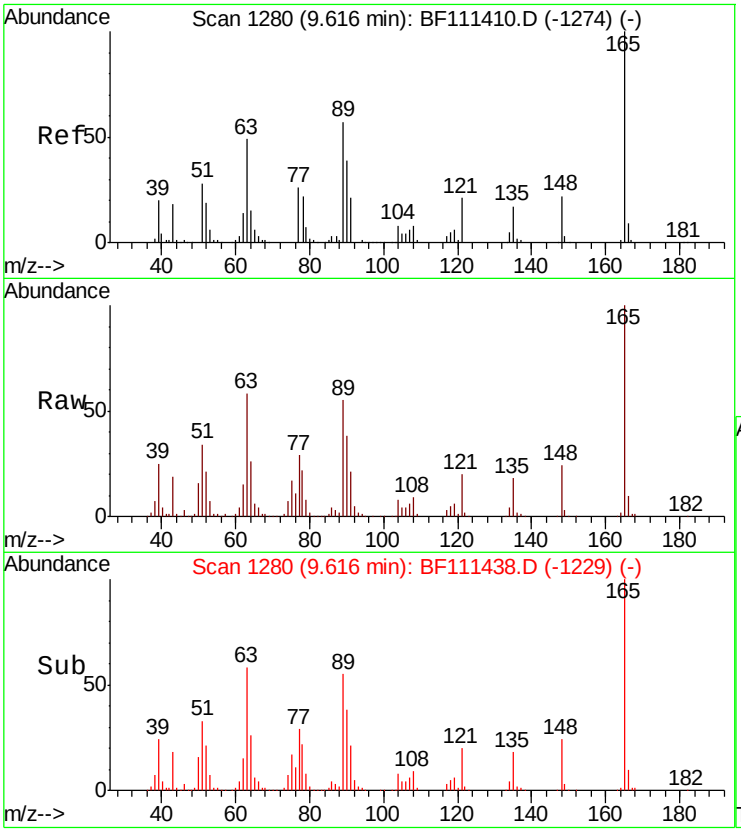




#50
Dimethylphthalate
Concen: 57.739 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:163 Resp: 1115850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.0 | 4.6 |
| 164 | 10.3 | 8.9 | 13.3 |



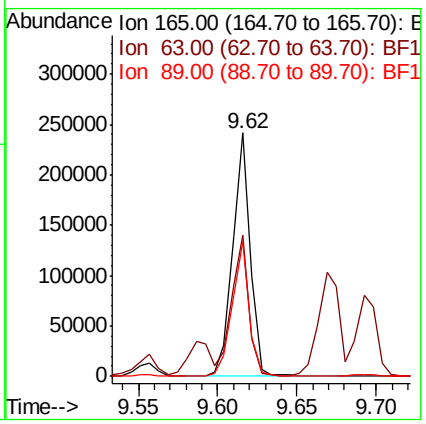


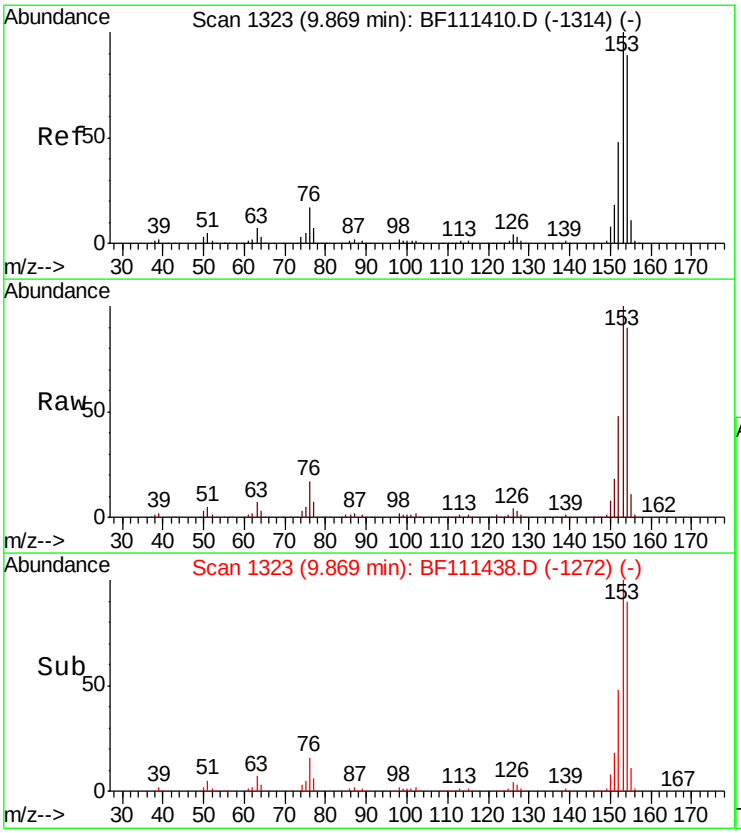

#51
2,6-Dinitrotoluene
Concen: 42.948 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:165 Resp: 186828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.8 | 40.5 | 60.7 |
| 89 | 55.3 | 40.0 | 60.0 |

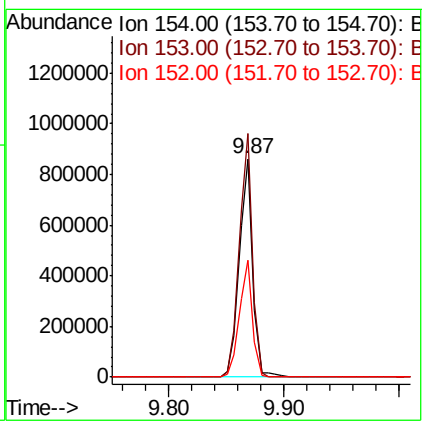


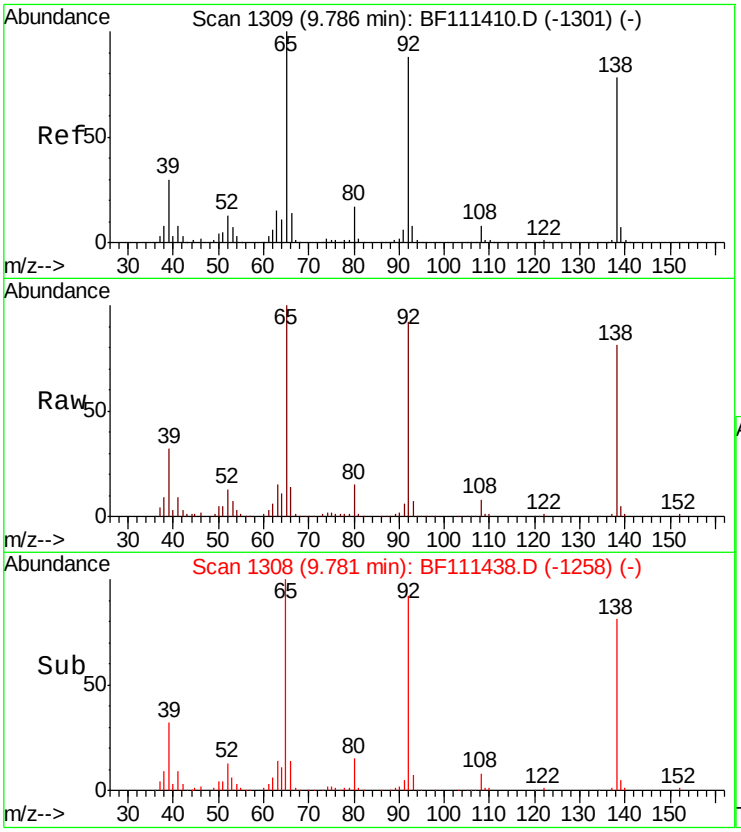




#52
Acenaphthene
Concen: 42.919 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:154 Resp: 695927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.4 | 87.8 | 131.8 |
| 152 | 53.4 | 43.4 | 65.2 |



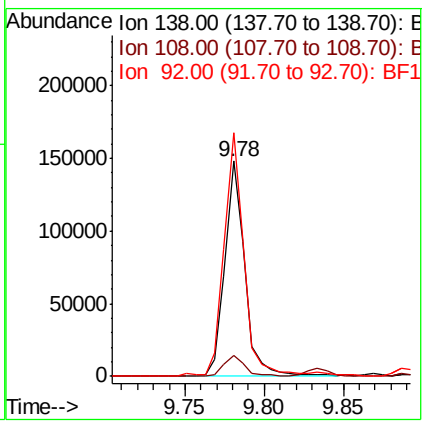


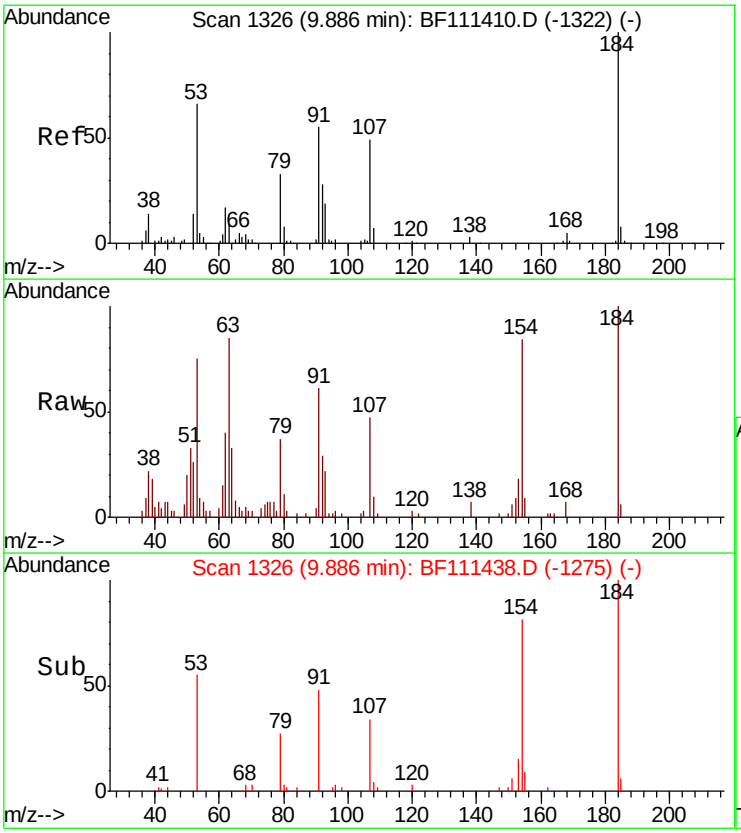

#53
3-Nitroaniline
Concen: 24.577 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:138 Resp: 129861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.8 | 8.2 | 12.4 |
| 92 | 113.0 | 93.4 | 140.2 |

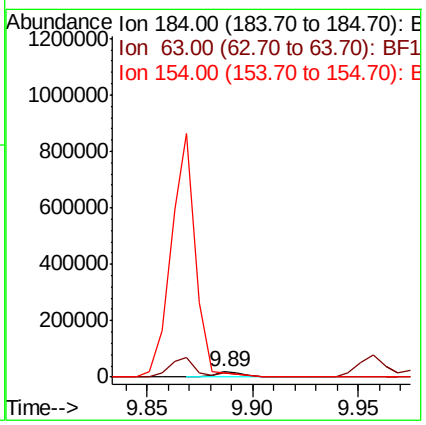


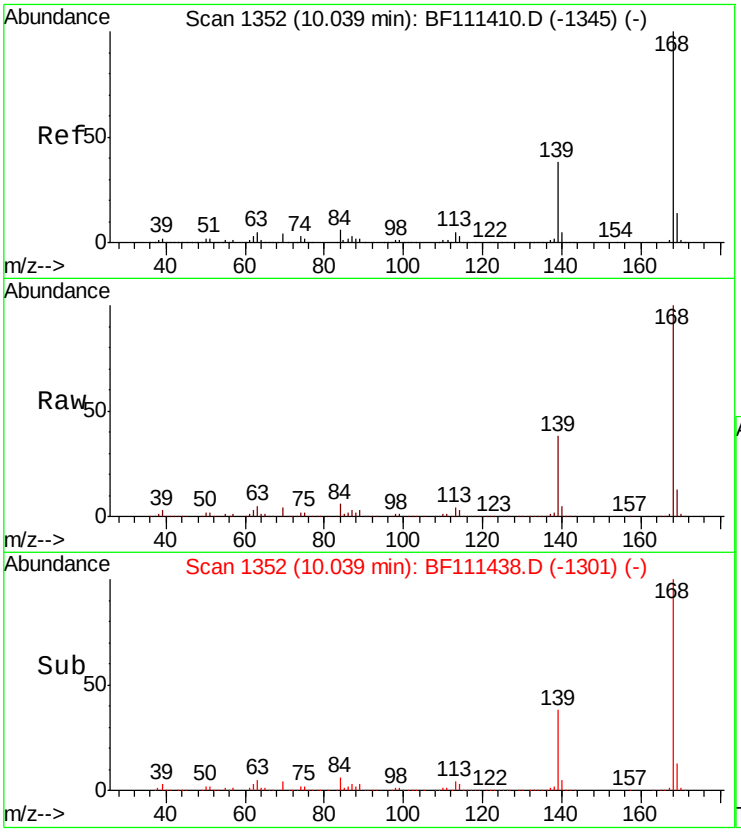




#54
2,4-Dinitrophenol
Concen: 11.285 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:184 Resp: 18676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 84.8 | 62.3 | 93.5 |
| 154 | 83.8 | 56.2 | 84.2 |



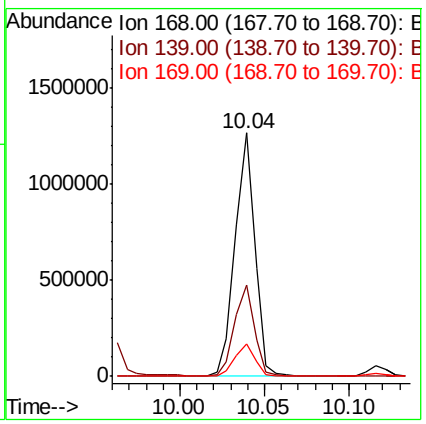


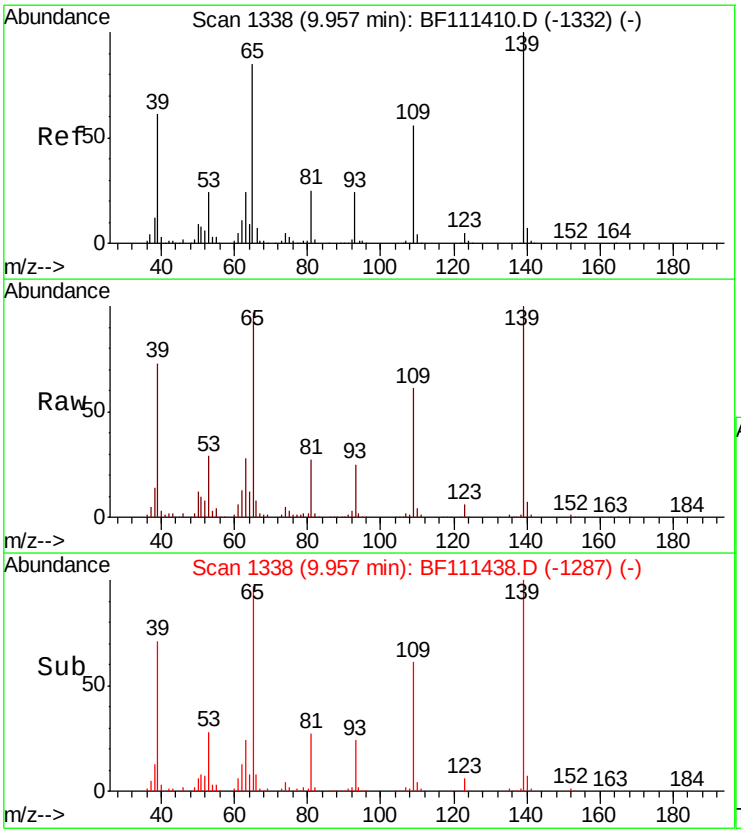

#55
Dibenzofuran
Concen: 43.845 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:168 Resp: 1031958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.7 | 32.6 | 49.0 |
| 169 | 13.4 | 11.8 | 17.6 |

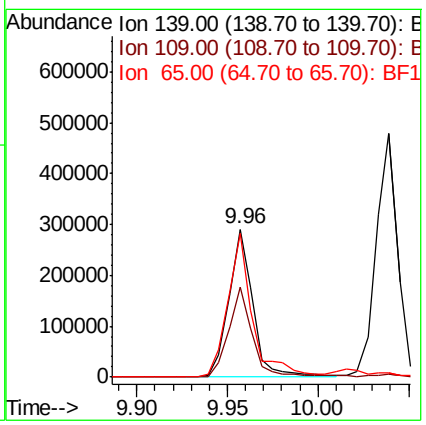


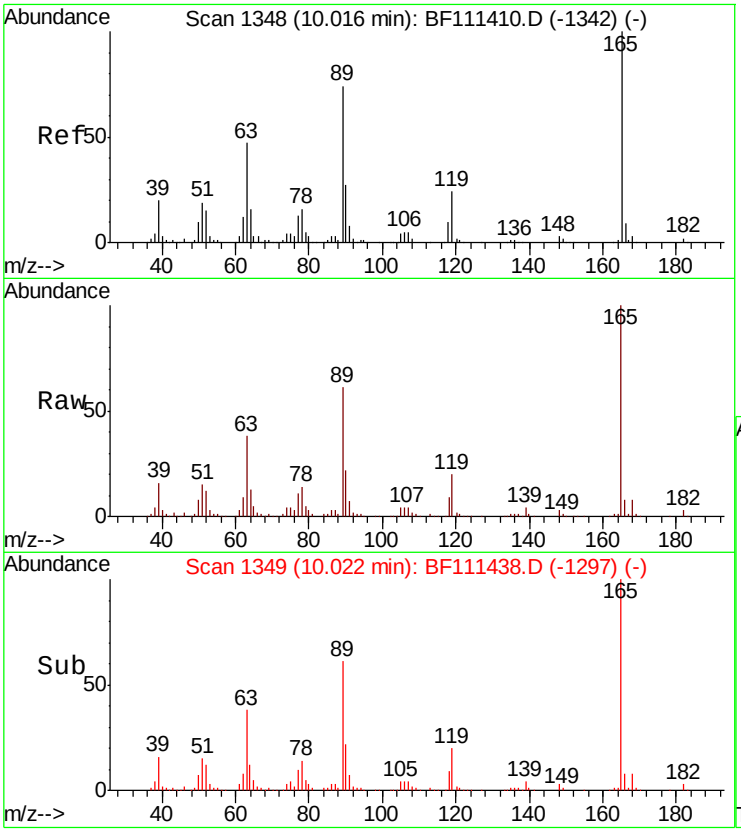




#56
4-Nitrophenol
Concen: 74.229 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:139 Resp: 271425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.1 | 41.8 | 81.8 |
| 65 | 97.4 | 79.6 | 119.6 |



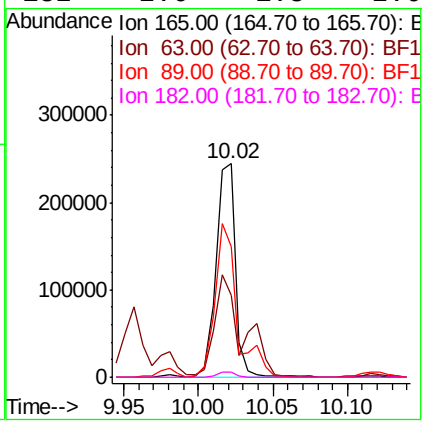


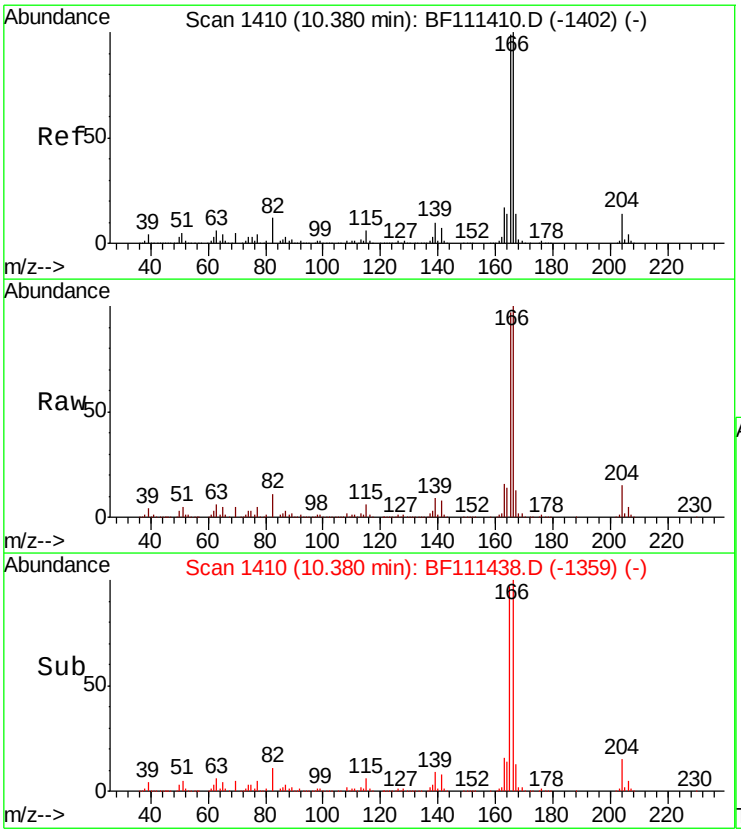

#57
2,4-Dinitrotoluene
Concen: 39.350 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:165 Resp: 224672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.2 | 34.6 | 52.0 |
| 89 | 61.4 | 56.2 | 84.4 |
| 182 | 2.6 | 1.8 | 2.6 |

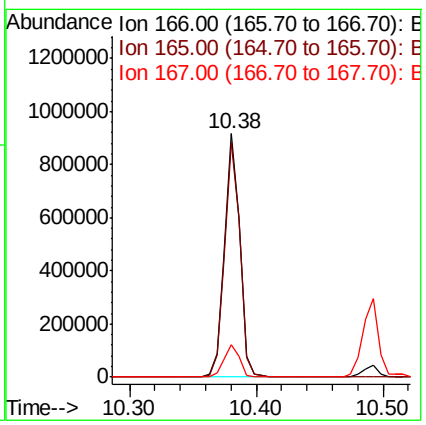


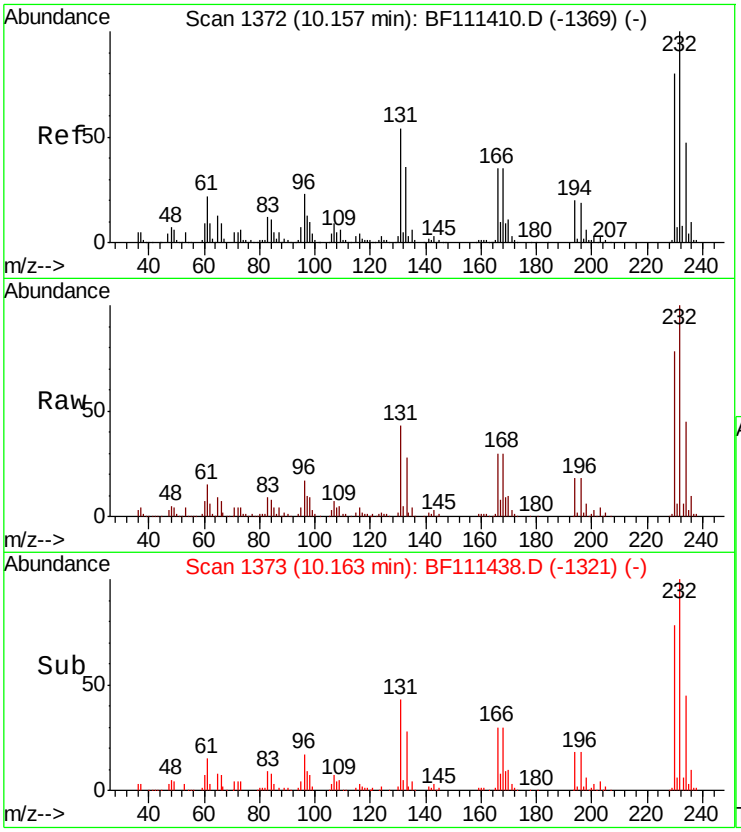




#58
Fluorene
Concen: 44.667 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:166 Resp: 762536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.6 | 78.4 | 117.6 |
| 167 | 13.4 | 11.2 | 16.8 |



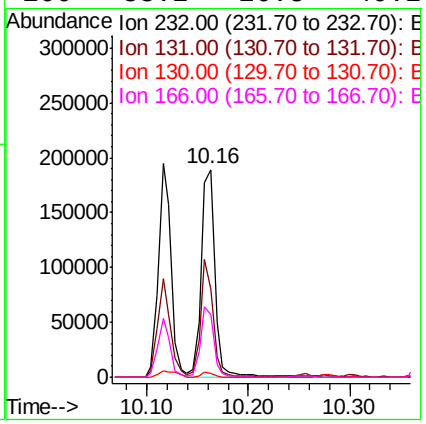


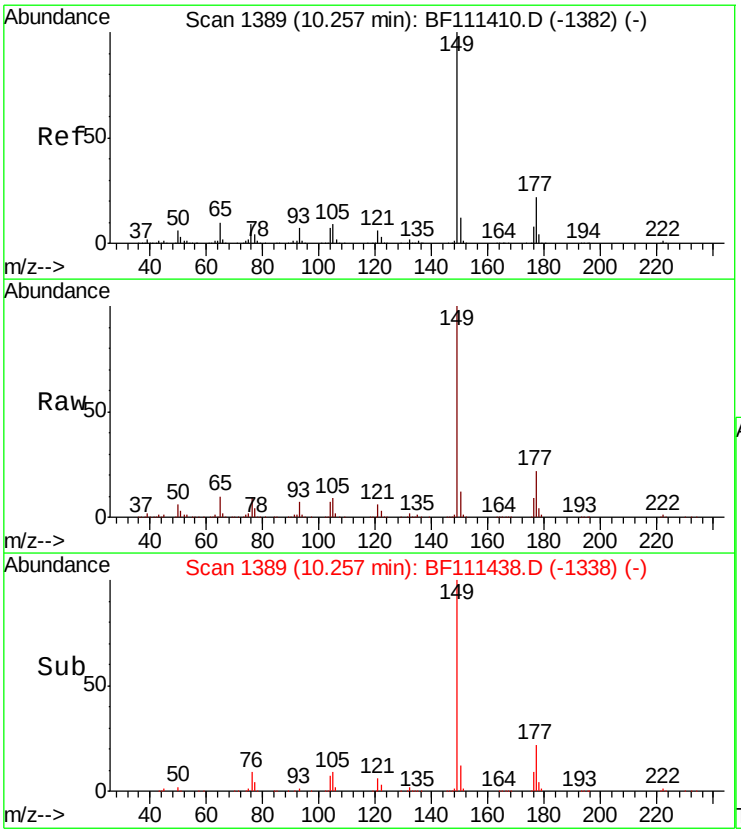

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.121 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:232 Resp: 178072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.4 | 40.9 | 61.3 |
| 130 | 2.2 | 2.0 | 3.0 |
| 166 | 33.2 | 26.8 | 40.2 |

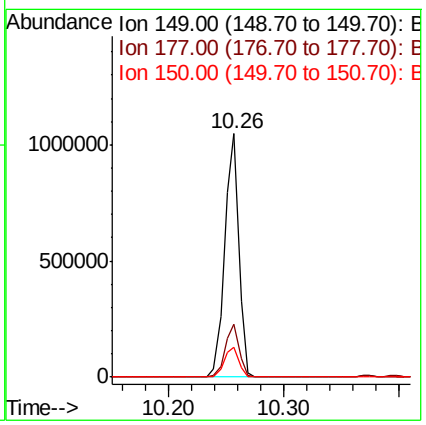


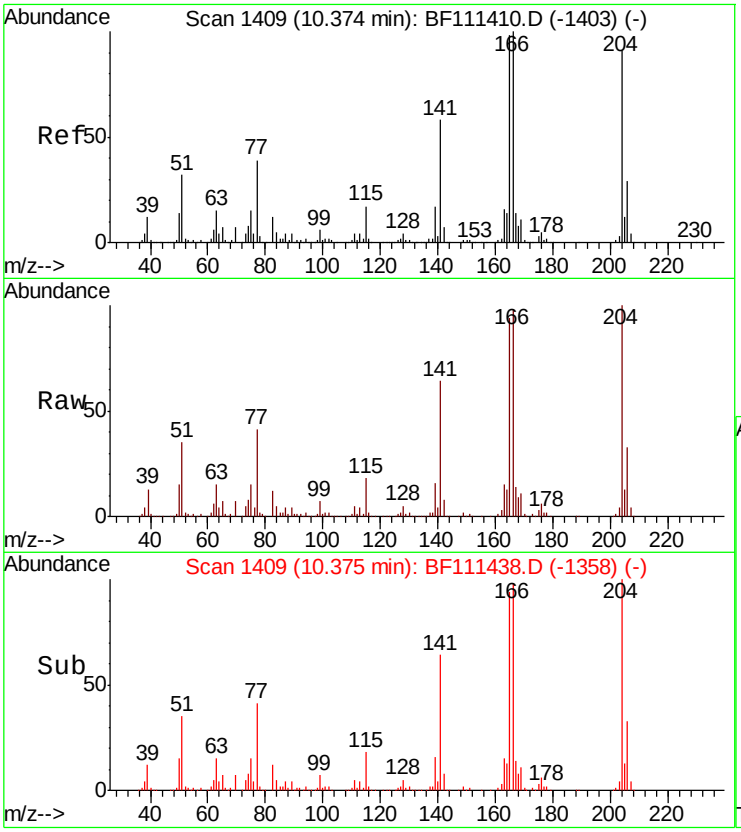




#60
Diethylphthalate
Concen: 45.202 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:149 Resp: 884872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 18.3 | 27.5 |
| 150 | 12.1 | 10.6 | 15.8 |



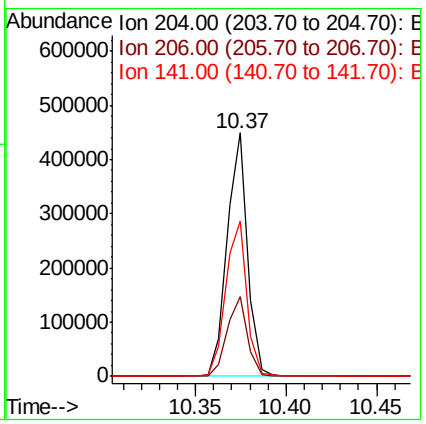


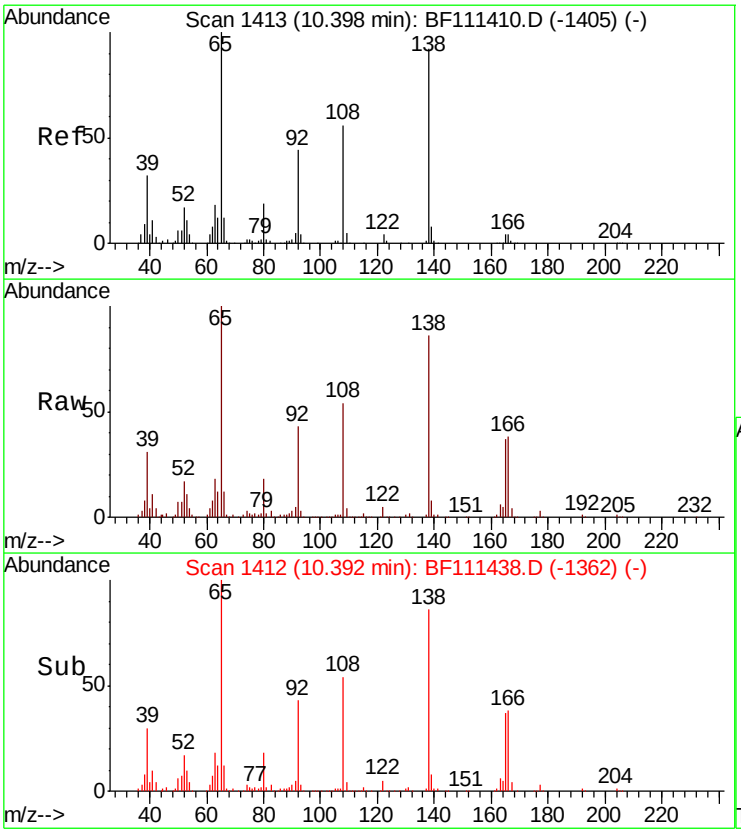

#61
4-Chlorophenyl-phenylether
Concen: 42.141 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:204 Resp: 351977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.6 | 39.8 |
| 141 | 63.8 | 52.6 | 78.8 |

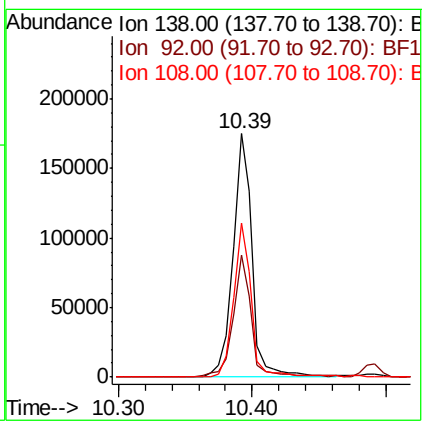


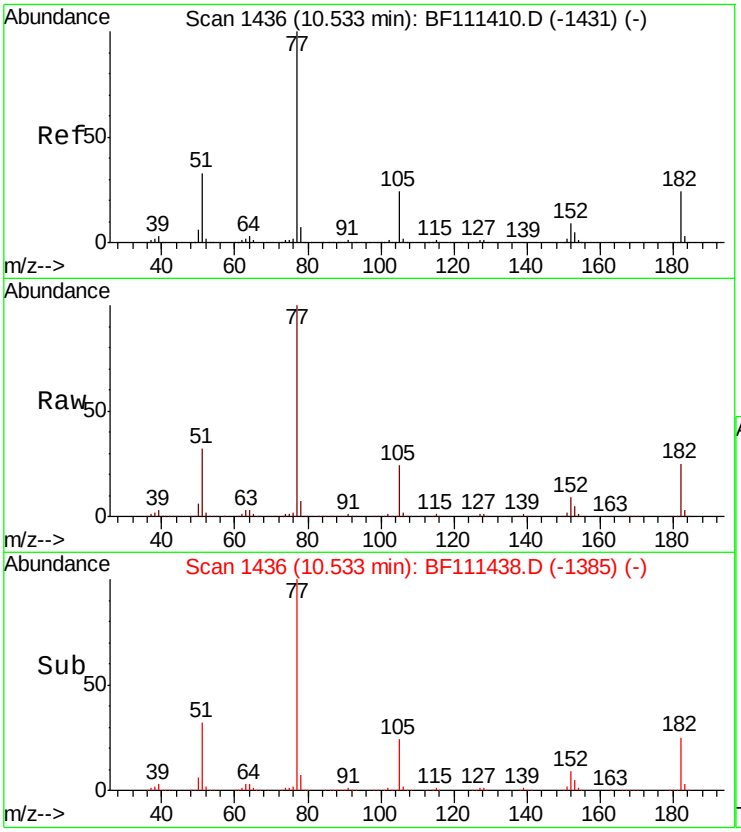




#62
4-Nitroaniline
Concen: 33.553 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:138 Resp: 175501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.3 | 29.9 | 69.9 |
| 108 | 63.3 | 43.2 | 83.2 |



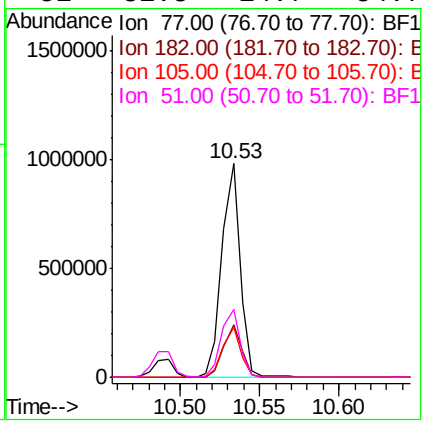


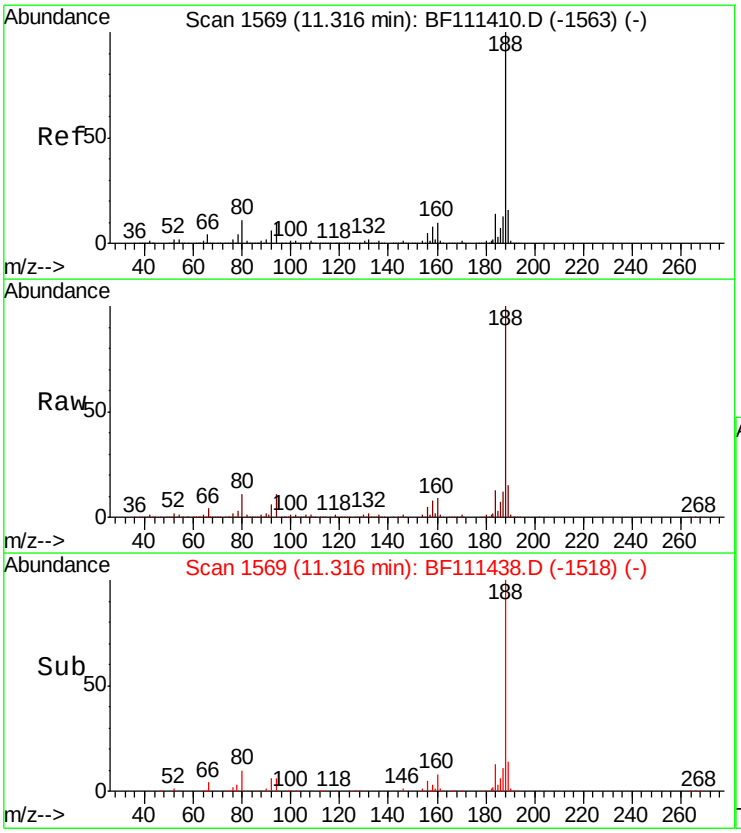

#63
Azobenzene
Concen: 40.922 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion: 77 Resp: 789767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.6 | 4.9 | 44.9 |
| 105 | 23.6 | 6.0 | 46.0 |
| 51 | 31.8 | 14.7 | 54.7 |

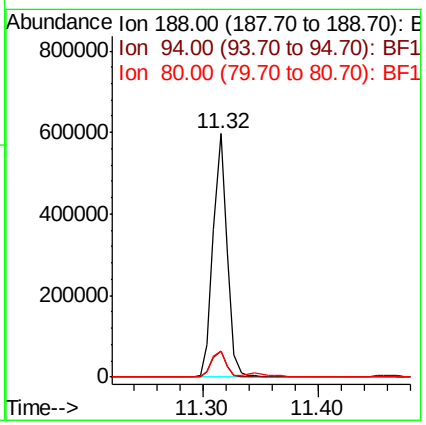


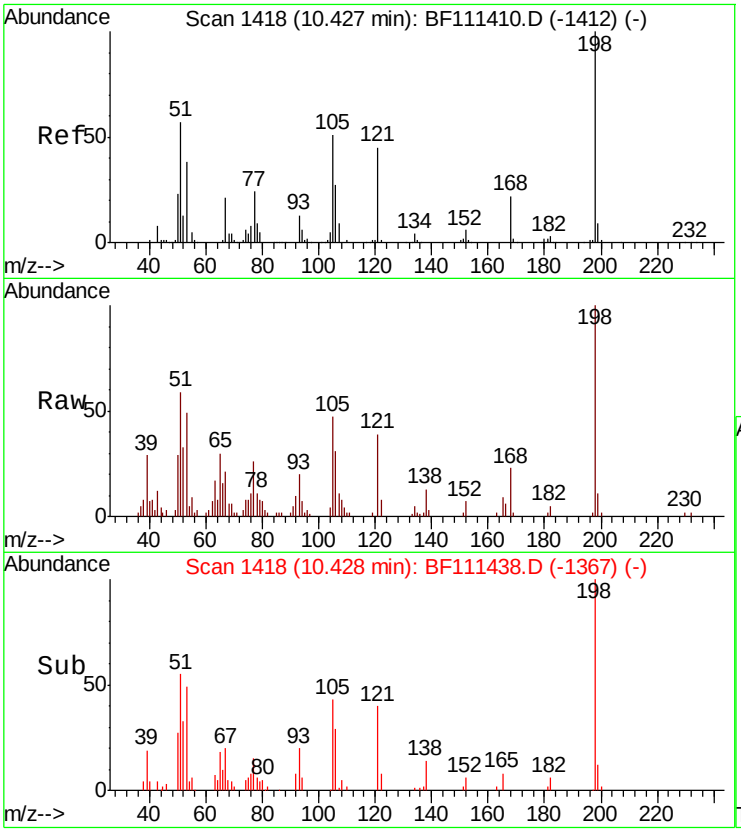




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:188 Resp: 505978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 9.6 | 14.4 |
| 80 | 10.7 | 9.8 | 14.6 |



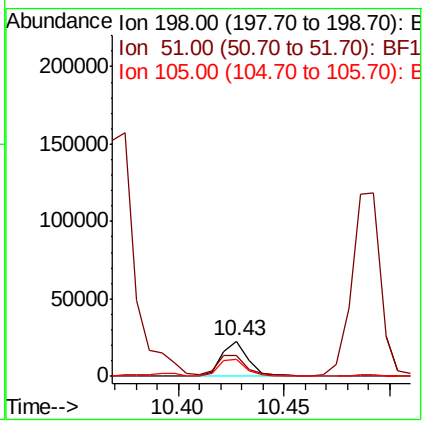


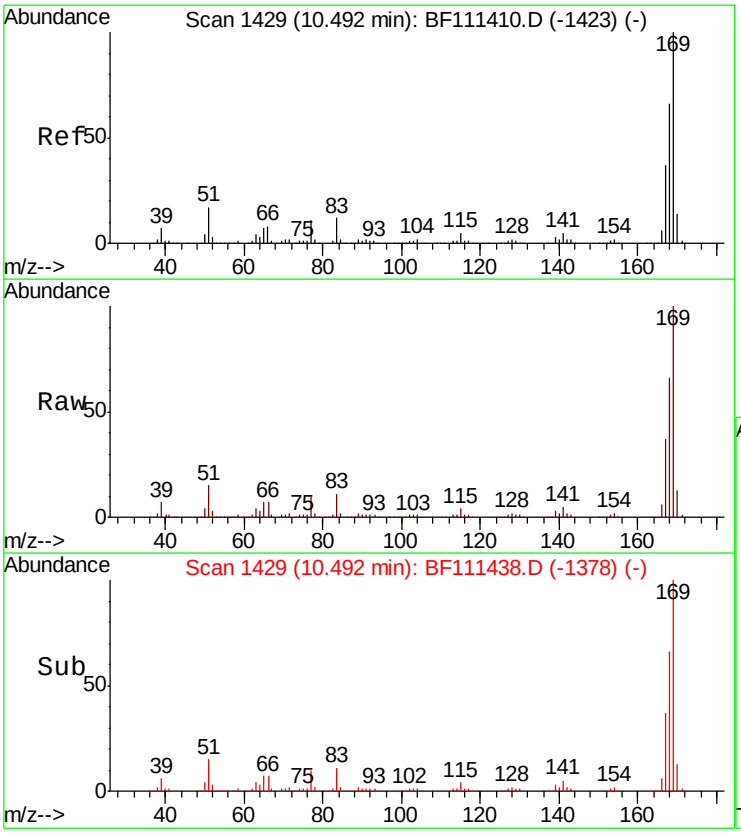

#65
4,6-Dinitro-2-methylphenol
Concen: 6.885 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:198 Resp: 19666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.7 | 48.0 | 88.0 |
| 105 | 47.2 | 34.0 | 74.0 |

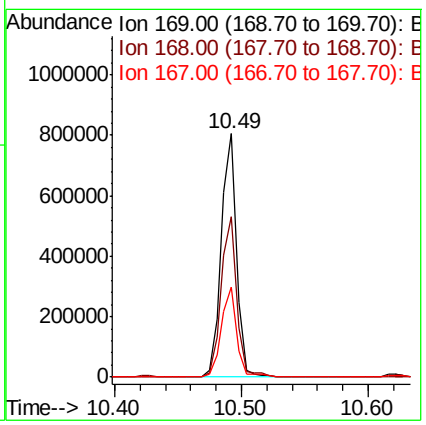


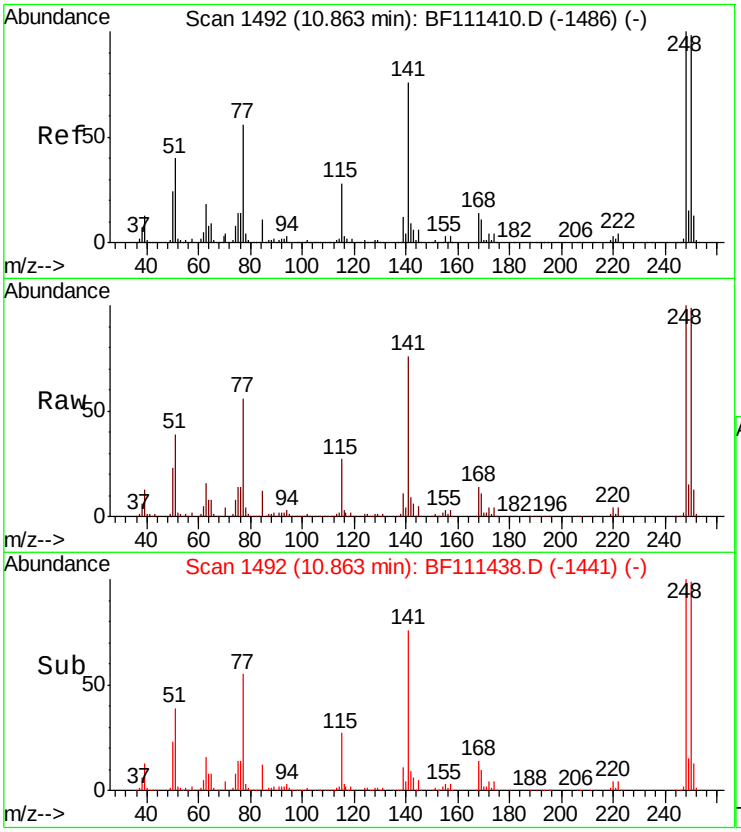




#66
n-Nitrosodiphenylamine
Concen: 39.195 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:169 Resp: 683896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.7 | 54.4 | 81.6 |
| 167 | 36.8 | 30.5 | 45.7 |



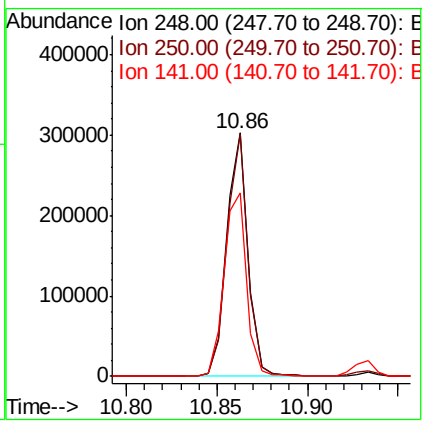


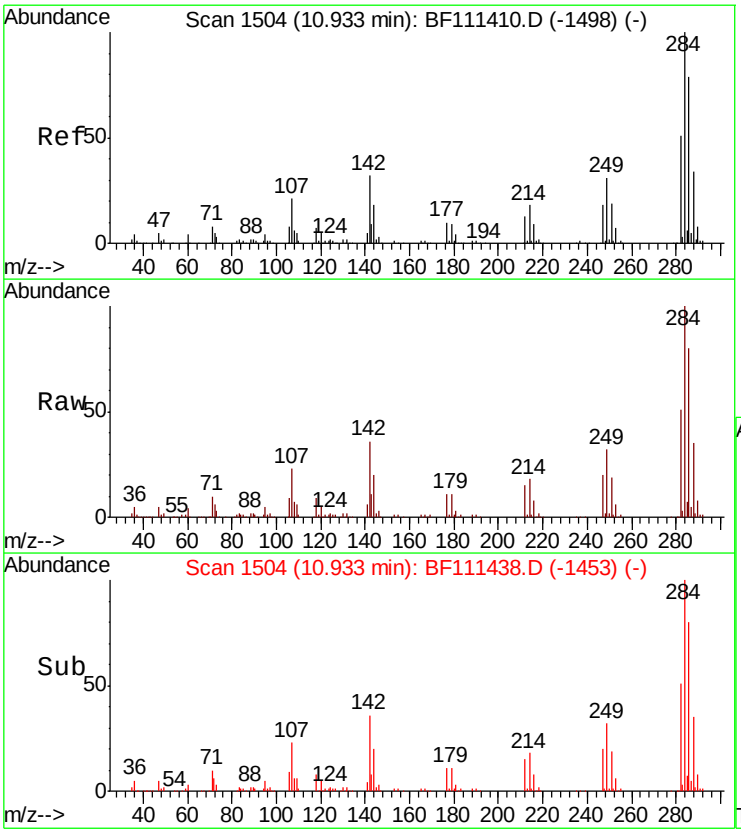

#67
4-Bromophenyl-phenylether
Concen: 45.456 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:248 Resp: 247890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.3 | 77.0 | 115.4 |
| 141 | 75.5 | 63.0 | 94.6 |

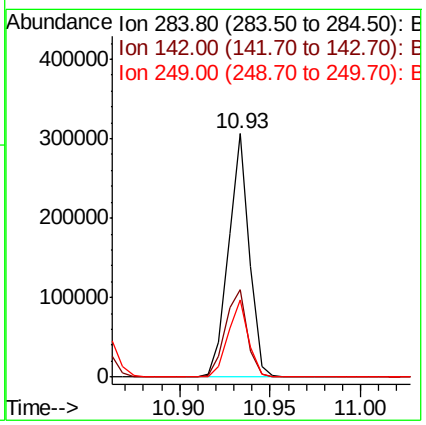


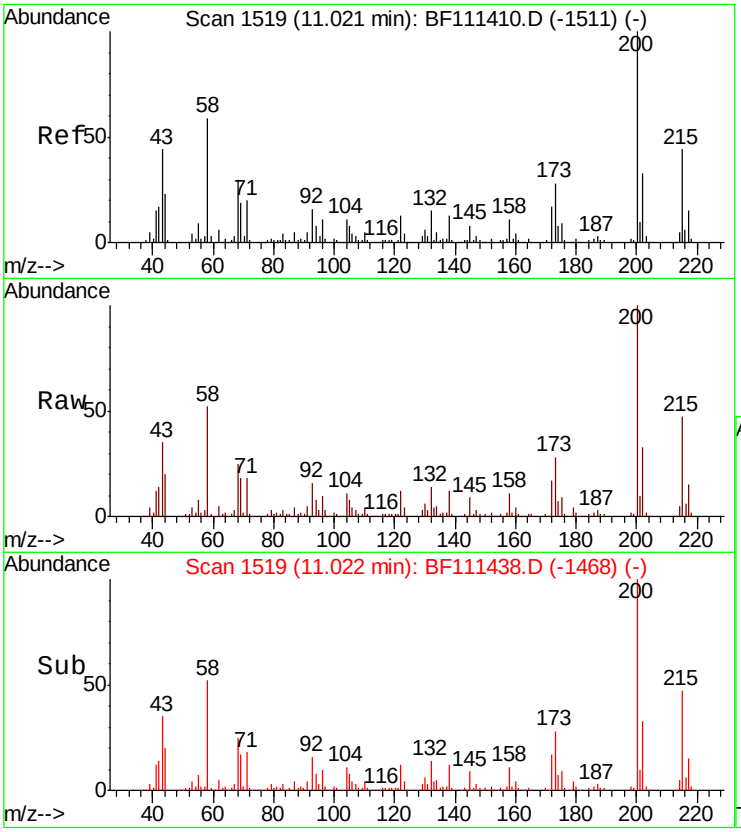




#68
Hexachlorobenzene
Concen: 43.542 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:284 Resp: 244257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.1 | 27.4 | 41.2 |
| 249 | 31.7 | 24.4 | 36.6 |



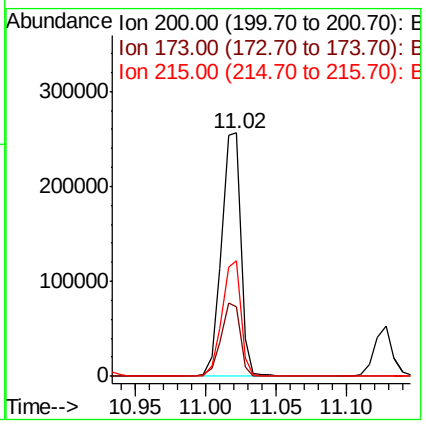


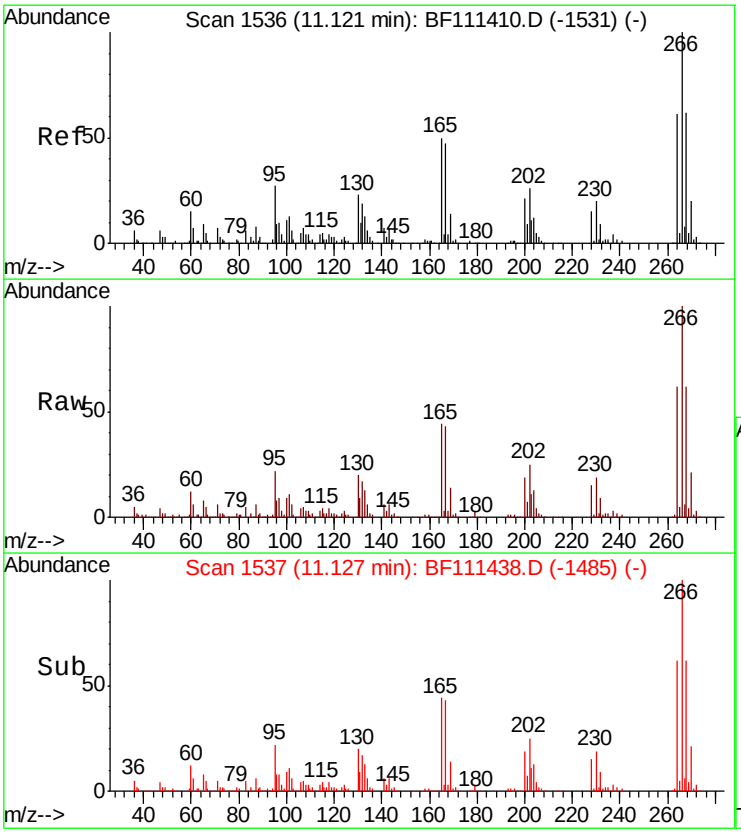

#69
Atrazine
Concen: 48.901 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:200 Resp: 246586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 10.1 | 50.1 |
| 215 | 47.5 | 26.9 | 66.9 |

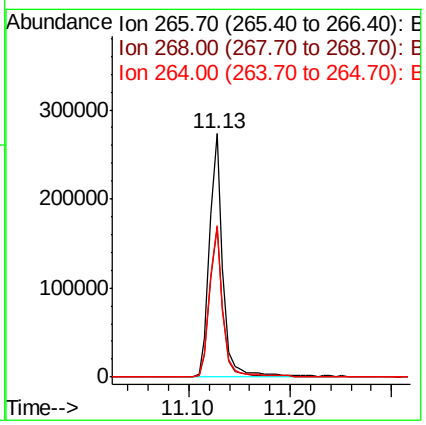


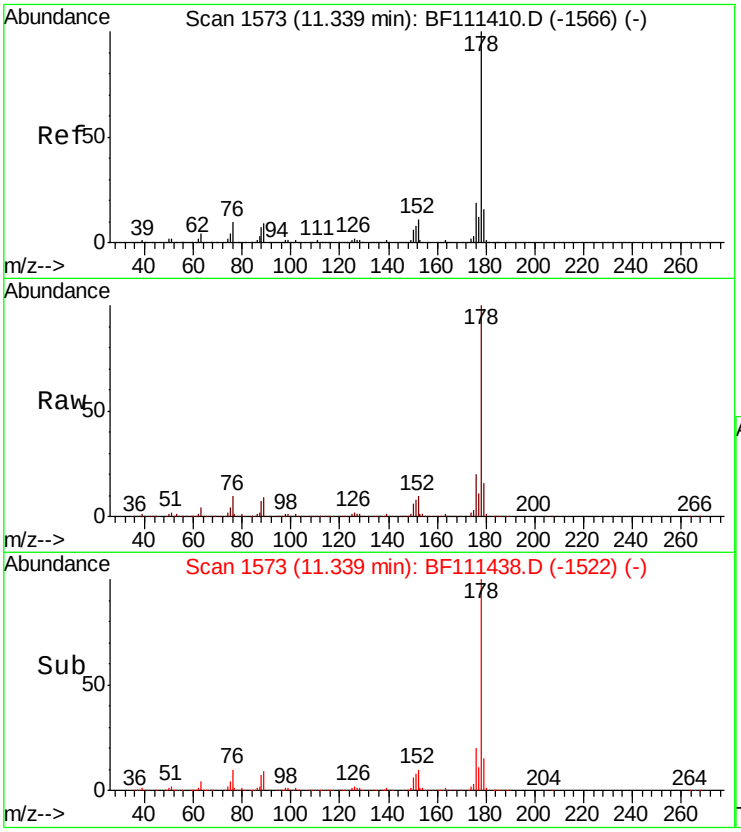




#70
Pentachlorophenol
Concen: 73.097 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:266 Resp: 251503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.6 | 47.9 | 71.9 |
| 264 | 62.0 | 49.1 | 73.7 |



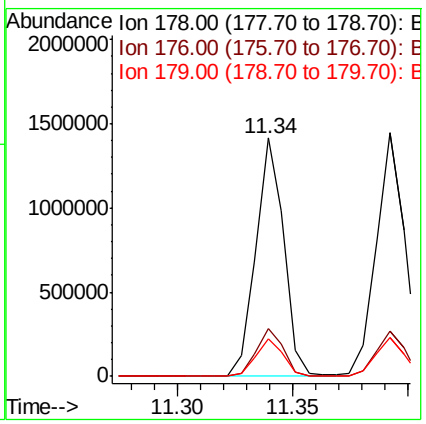


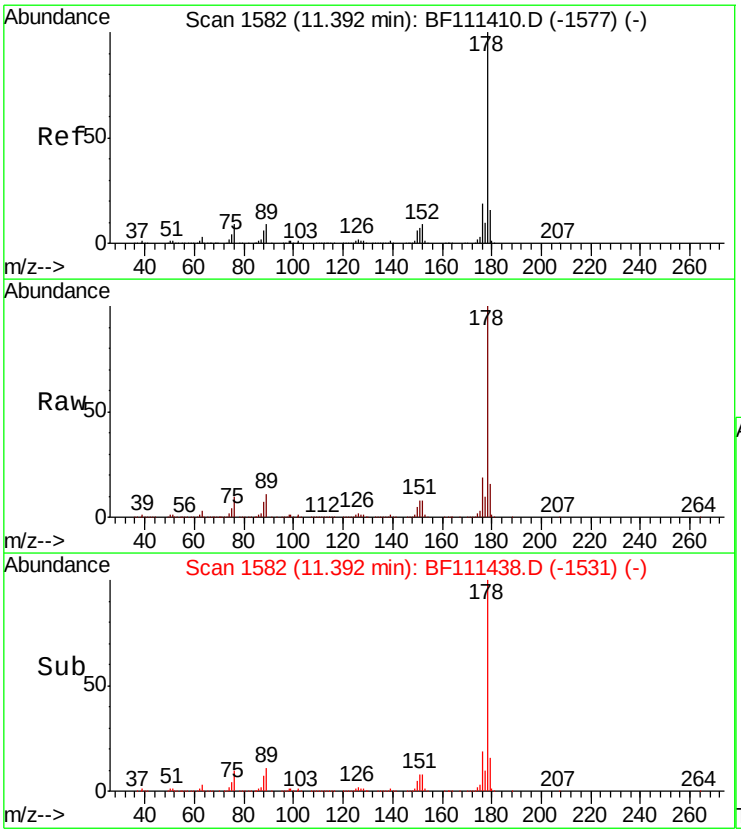

#71
Phenanthrene
Concen: 45.978 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:178 Resp: 1198749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 18.1 | 27.1 |
| 179 | 15.9 | 14.0 | 21.0 |

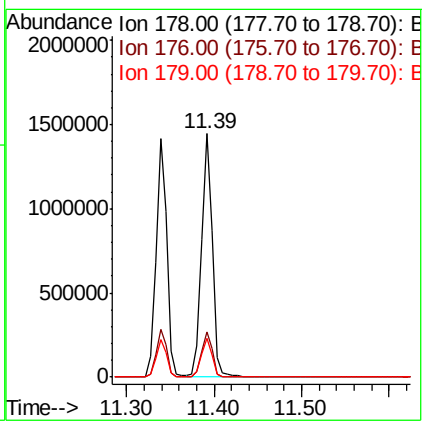


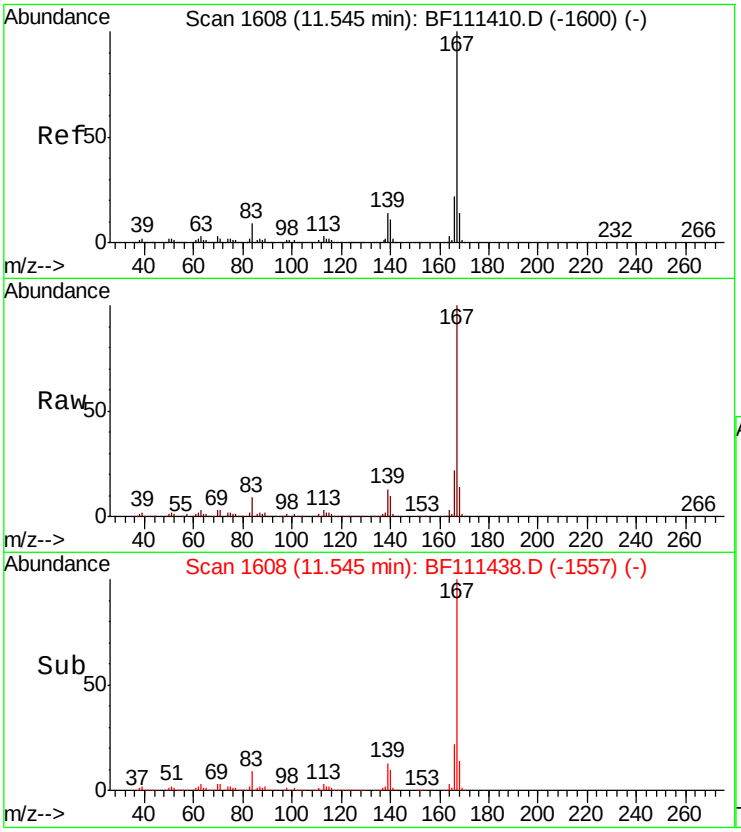




#72
Anthracene
Concen: 46.868 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:178 Resp: 1249663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 17.2 | 25.8 |
| 179 | 16.0 | 13.8 | 20.8 |



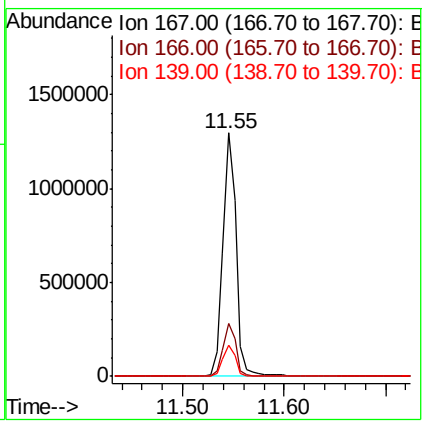


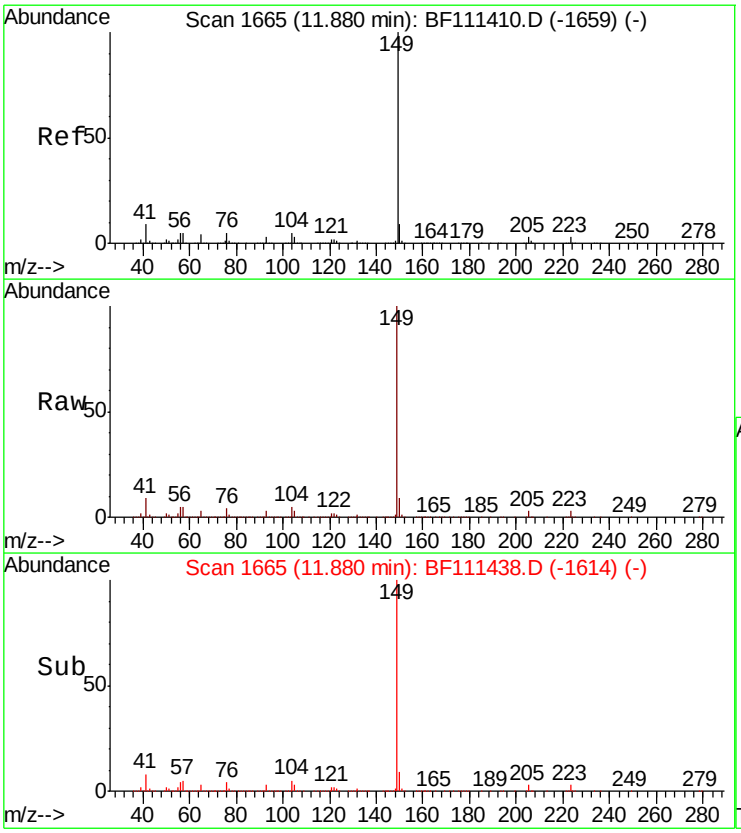

#73
Carbazole
Concen: 42.676 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:167 Resp: 1176691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 19.3 | 28.9 |
| 139 | 12.9 | 11.9 | 17.9 |

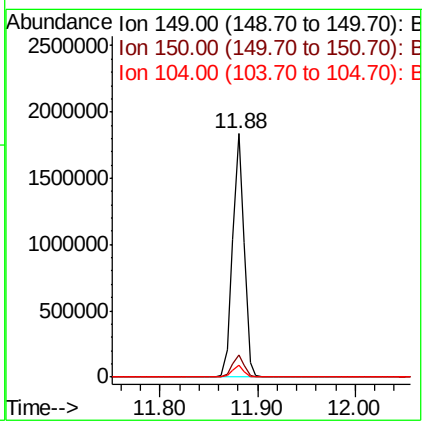


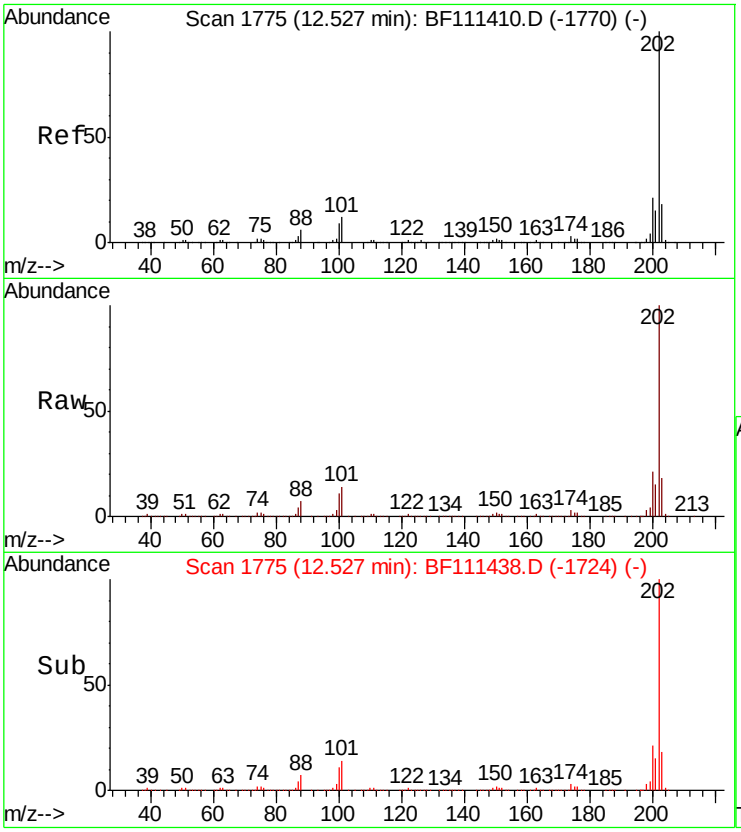




#74
Di-n-butylphthalate
Concen: 48.836 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:149 Resp: 1499630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 8.8 | 13.2 |
| 104 | 4.8 | 4.5 | 6.7 |



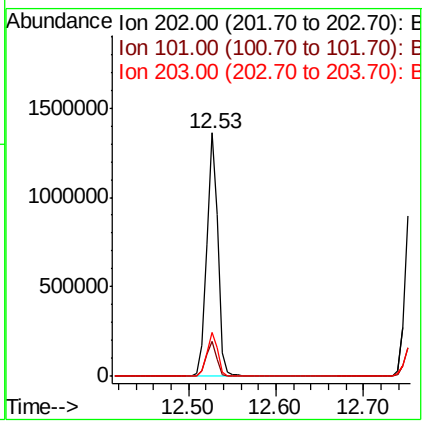


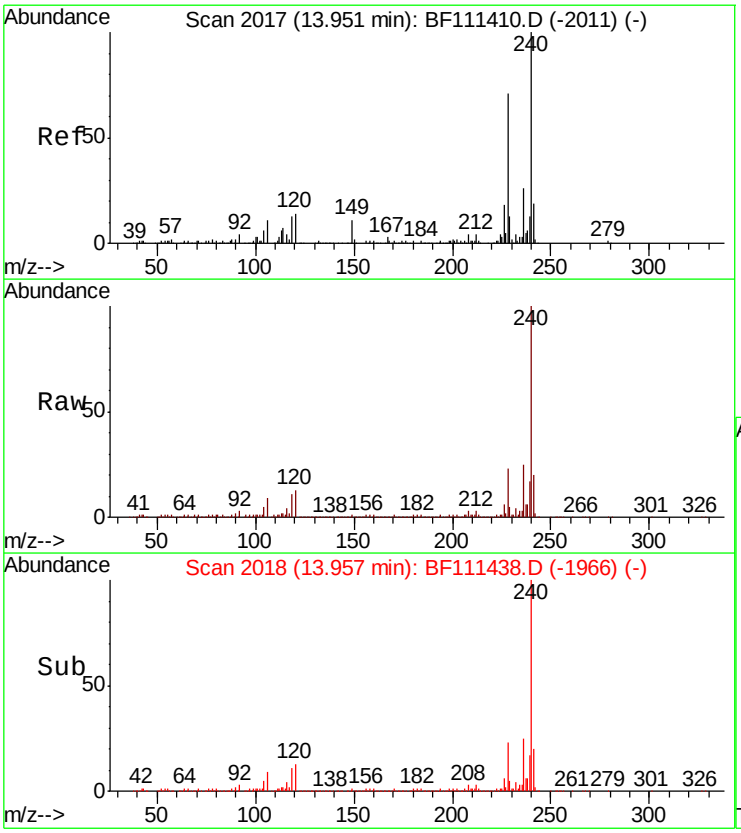

#75
Fluoranthene
Concen: 47.106 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:202 Resp: 1201498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.4 | 0.0 | 33.8 |
| 203 | 18.1 | 0.0 | 38.6 |

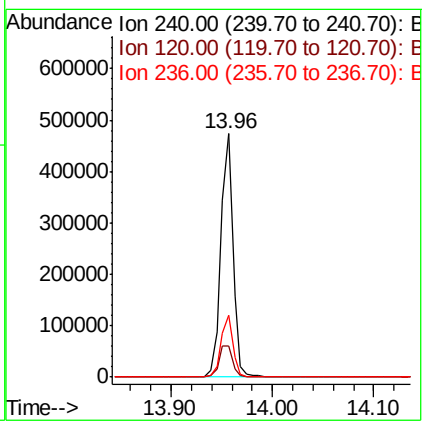


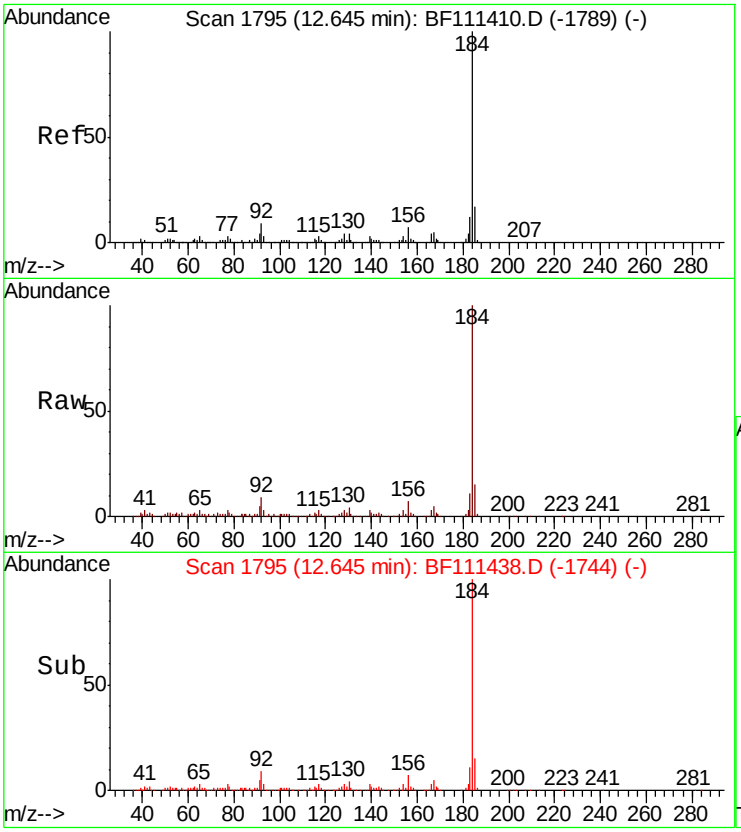




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:240 Resp: 396702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.7 | 12.2 | 18.2 |
| 236 | 25.2 | 20.2 | 30.2 |



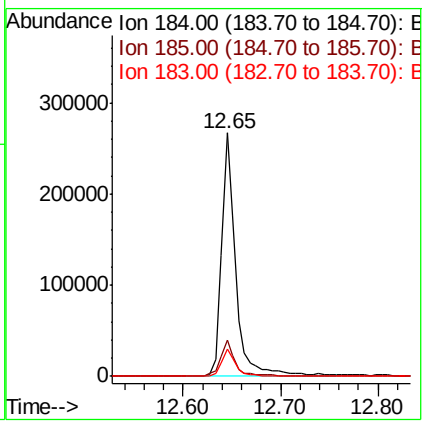


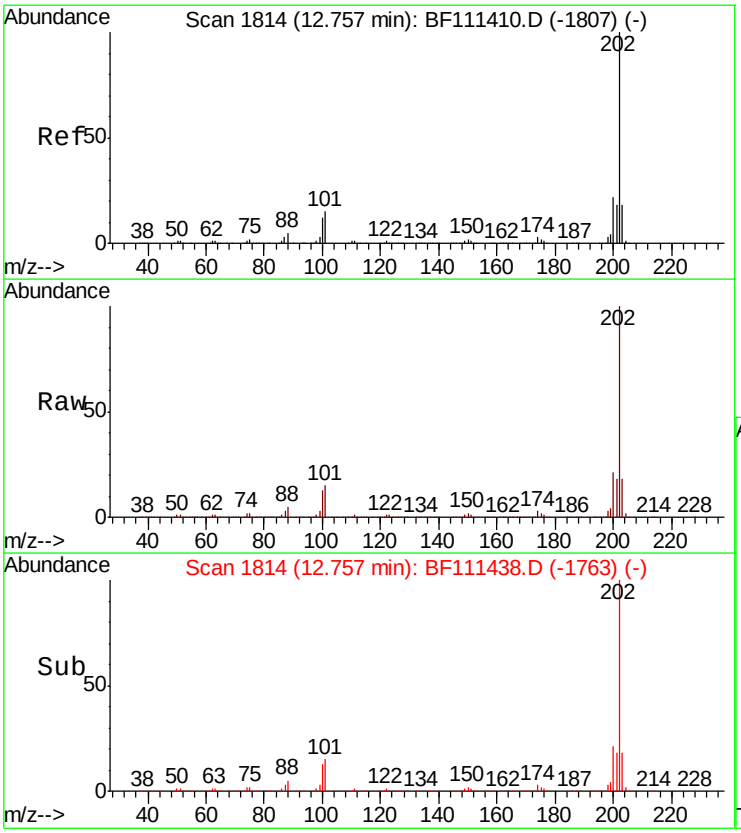

#77
Benzidine
Concen:  18.496 ng
RT: 12.65 min  Scan# 1795
Delta R.T.  0.00 min
Lab File:  BF111438.D
Acq: 15 Dec 2018  00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:184 Resp:  269728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 13.0 | 19.6 |
| 183 | 11.4 | 9.3 | 13.9 |

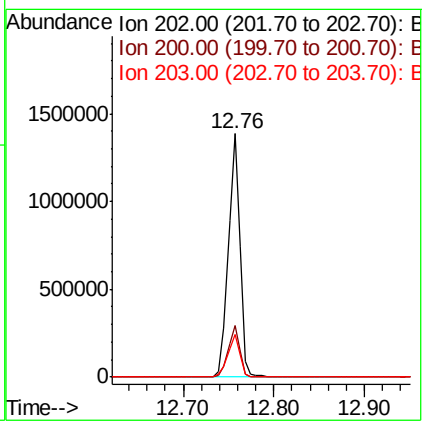


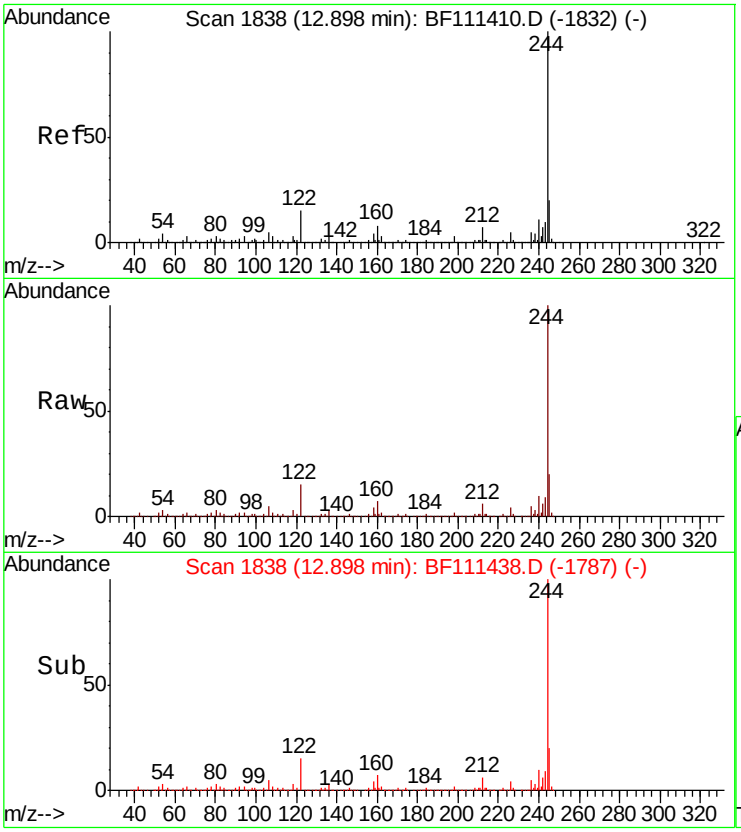




#78
Pyrene
Concen:  44.009 ng
RT: 12.76 min  Scan# 1814
Delta R.T.  0.00 min
Lab File:  BF111438.D
Acq: 15 Dec 2018  00:12

Tgt Ion:202 Resp: 1230881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 19.0 | 28.4 |
| 203 | 17.6 | 15.2 | 22.8 |



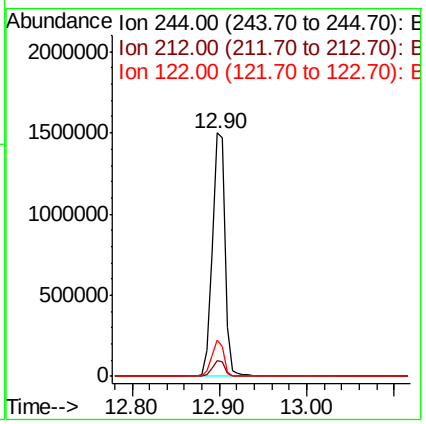


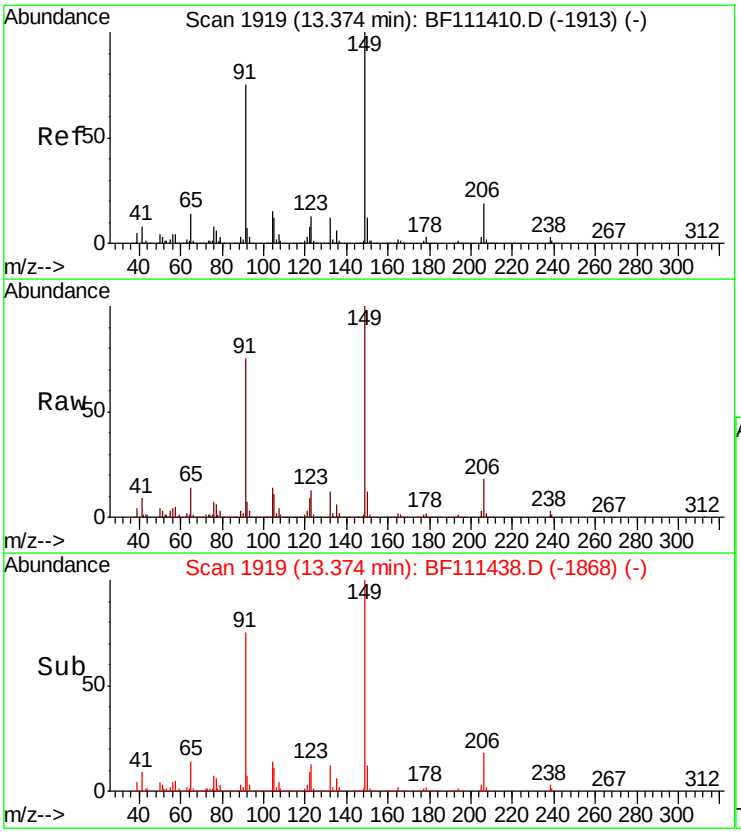

#79
Terphenyl-d14
Concen: 90.076 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:244 Resp: 1521702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.7 | 8.5 |
| 122 | 14.9 | 13.1 | 19.7 |

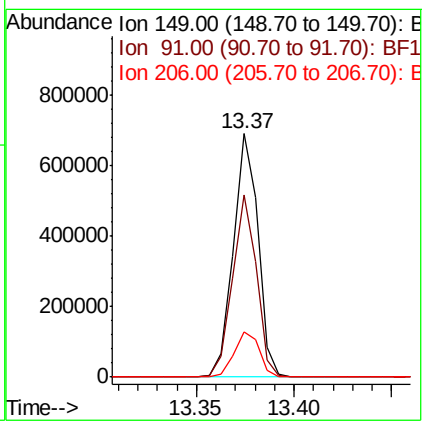


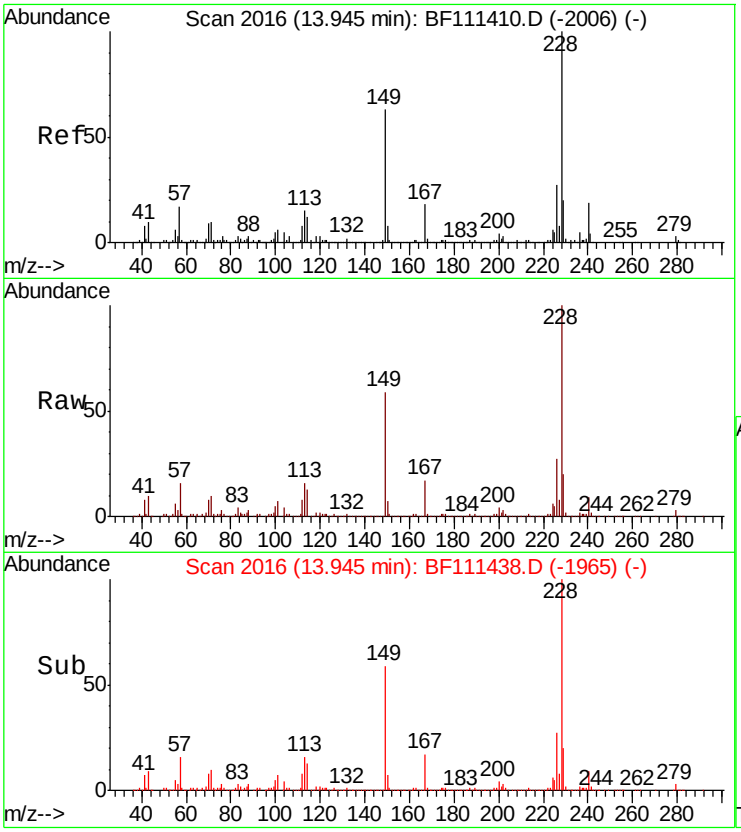




#80
Butylbenzylphthalate
Concen: 44.416 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:149 Resp: 605522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.9 | 63.8 | 95.6 |
| 206 | 18.4 | 15.1 | 22.7 |



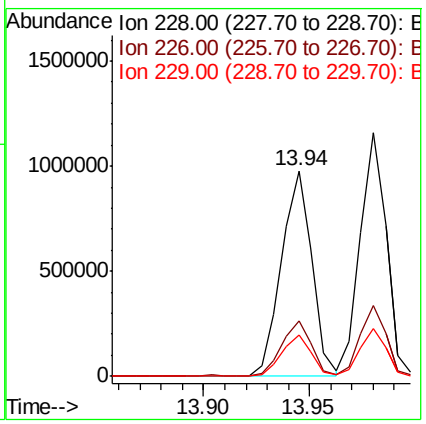


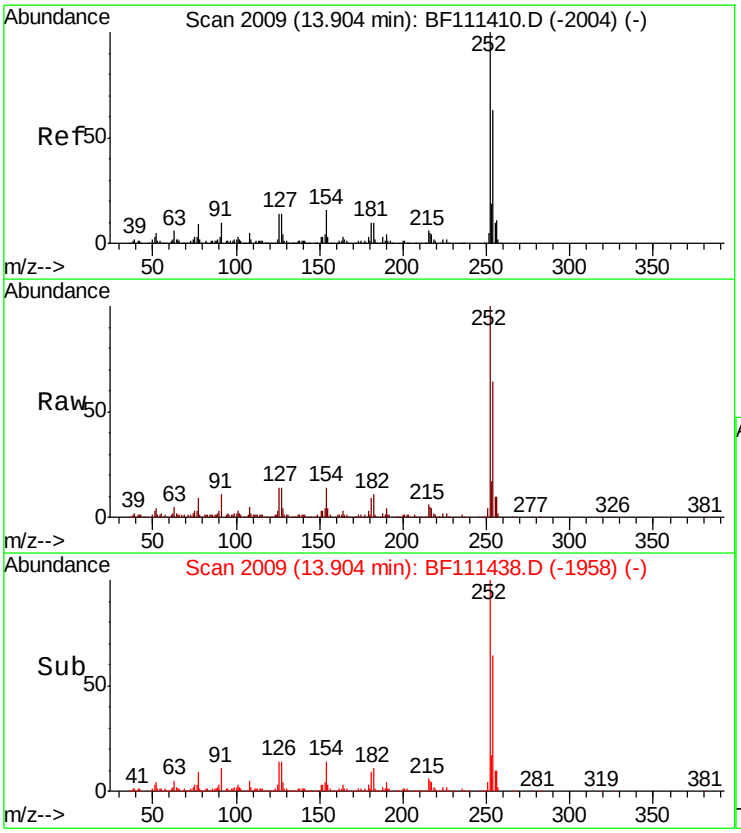

#81
Benzo(a)anthracene
Concen: 45.744 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:228 Resp: 986708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 22.6 | 34.0 |
| 229 | 20.0 | 16.3 | 24.5 |

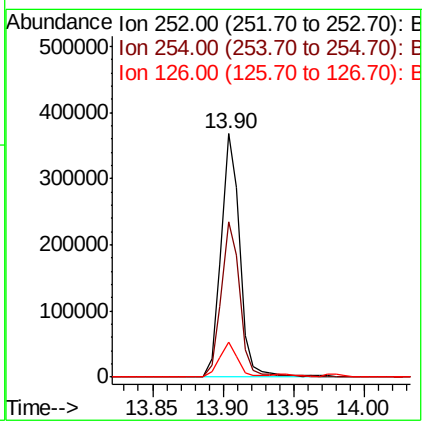


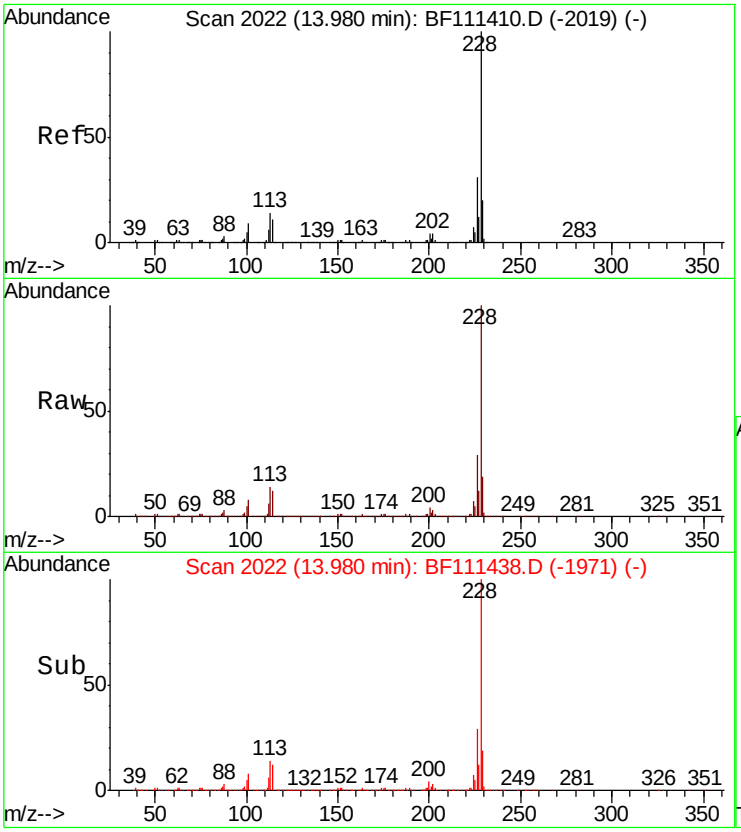




#82
3,3'-Dichlorobenzidine
Concen: 39.002 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:252 Resp: 342001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.0 | 52.7 | 79.1 |
| 126 | 14.3 | 11.1 | 16.7 |



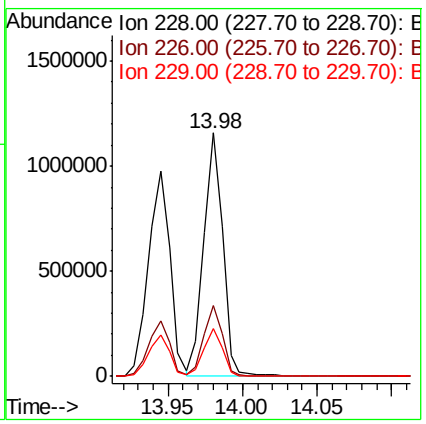


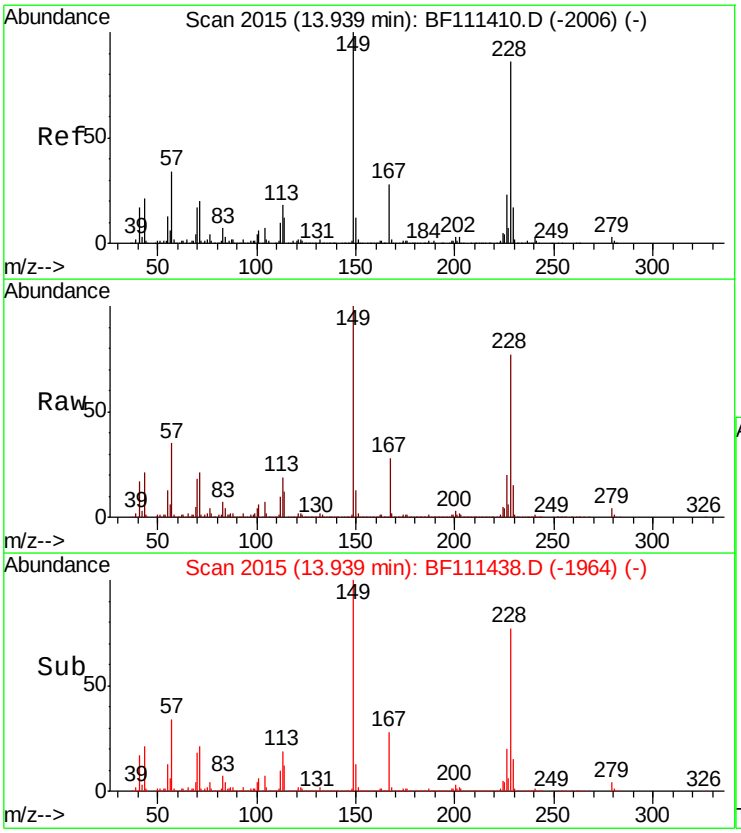

#83
Chrysene
Concen: 44.640 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:228 Resp: 1014368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 25.3 | 37.9 |
| 229 | 19.5 | 17.2 | 25.8 |

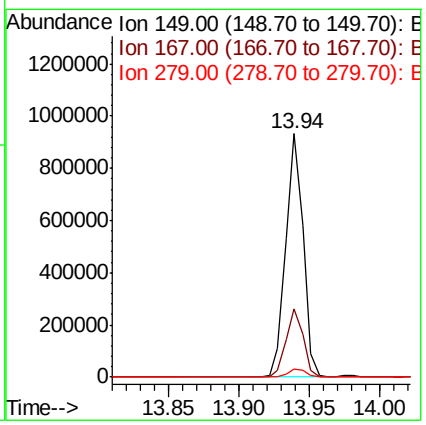


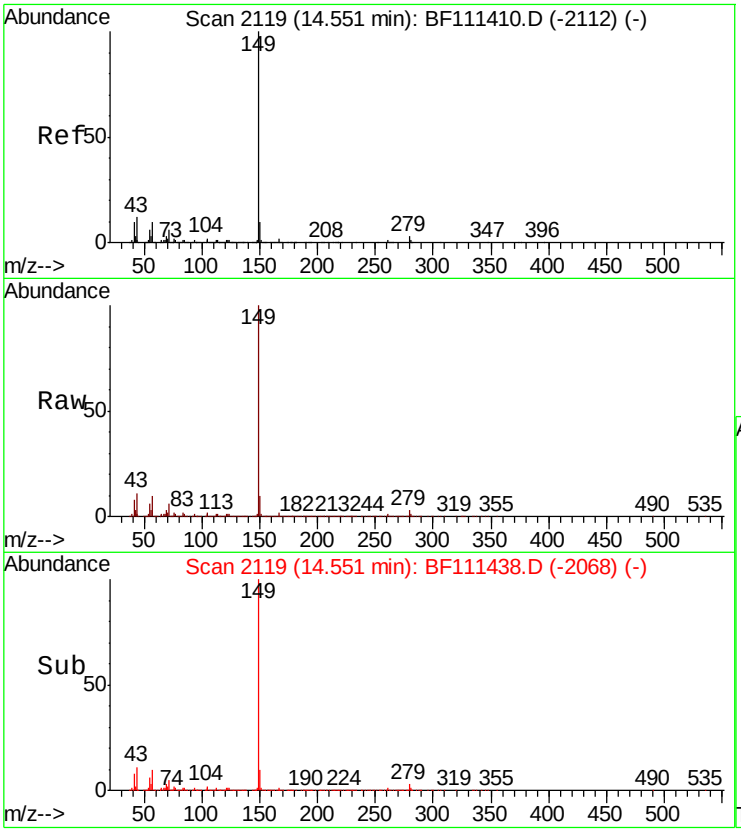




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.802 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:149 Resp: 797532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 22.5 | 33.7 |
| 279 | 3.6 | 2.6 | 4.0 |



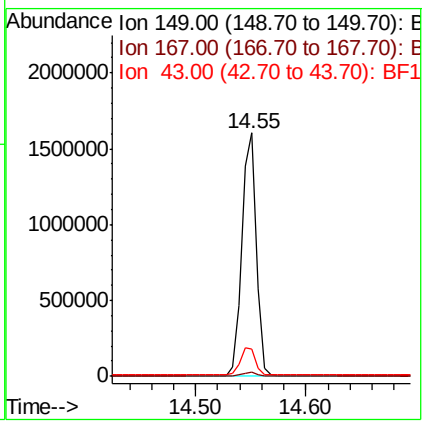


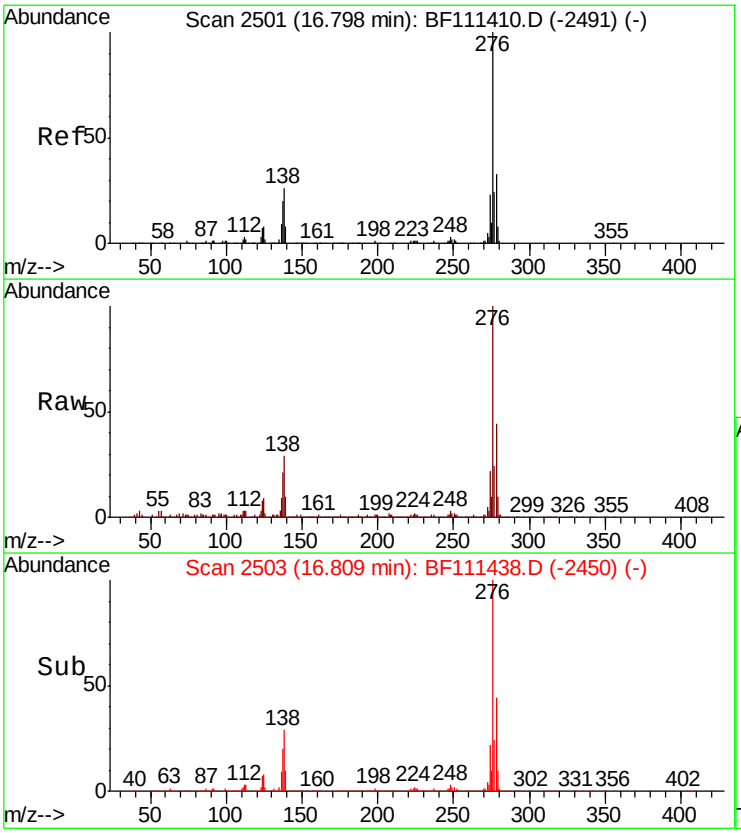

#85
Di-n-octyl phthalate
Concen: 50.318 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:149 Resp: 1477878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.3 | 1.9 |
| 43 | 12.1 | 10.9 | 16.3 |

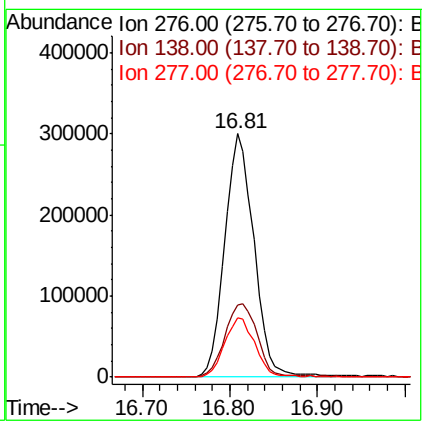


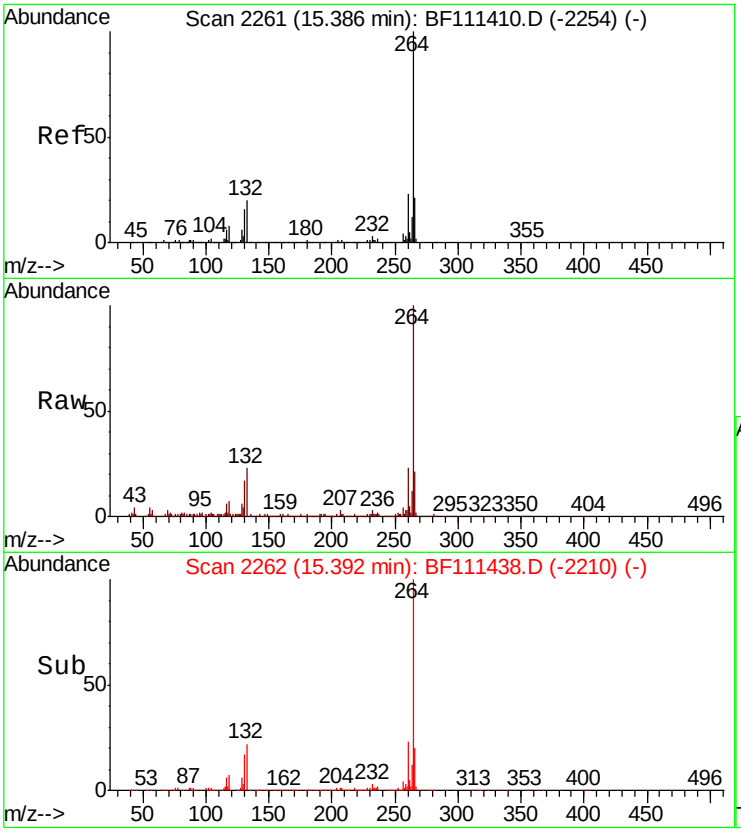




#86
Indeno(1,2,3-cd)pyrene
Concen: 41.732 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:276 Resp: 684393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 32.9 | 27.8 | 41.6 |
| 277 | 25.2 | 20.1 | 30.1 |



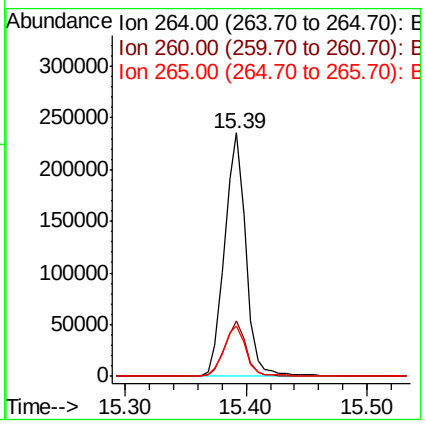


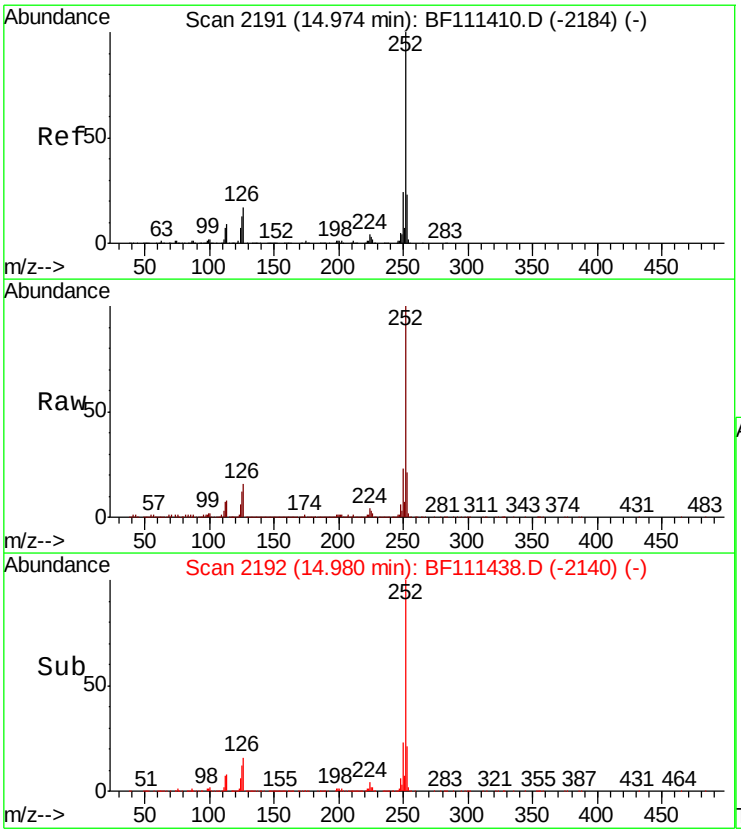

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:264 Resp: 286992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.3 | 27.5 |
| 265 | 20.6 | 17.7 | 26.5 |

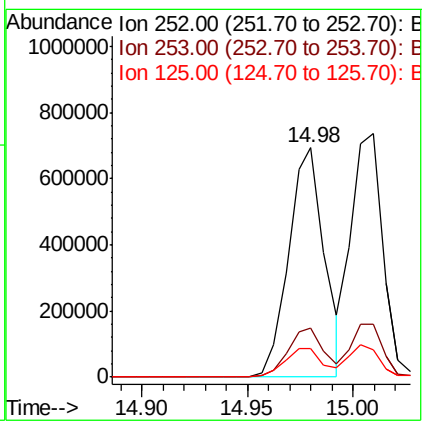


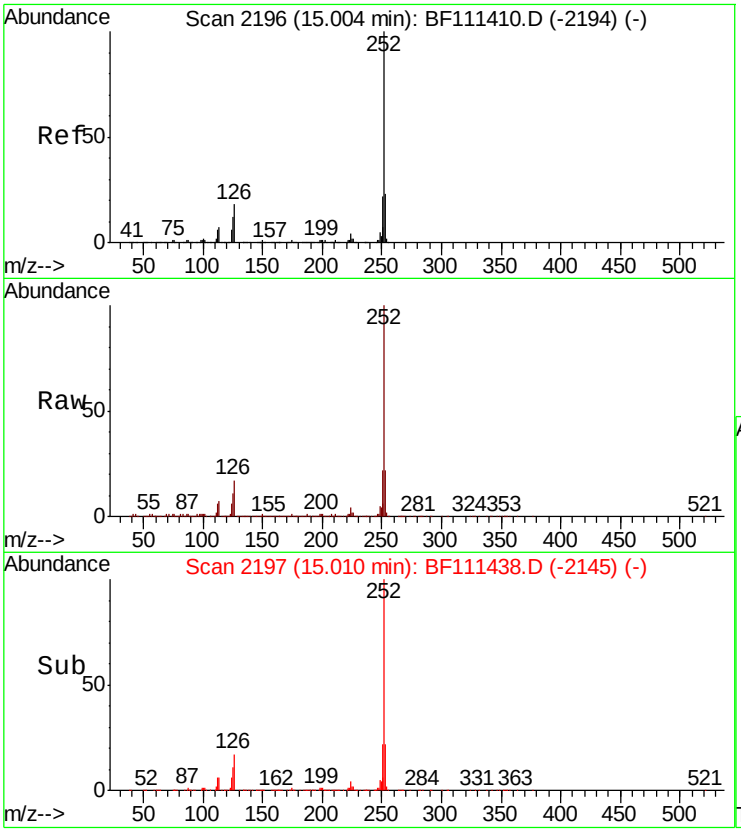




#88
Benzo(b)fluoranthene
Concen: 48.759 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:252 Resp: 815833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.2 | 27.2 |
| 125 | 12.2 | 10.4 | 15.6 |



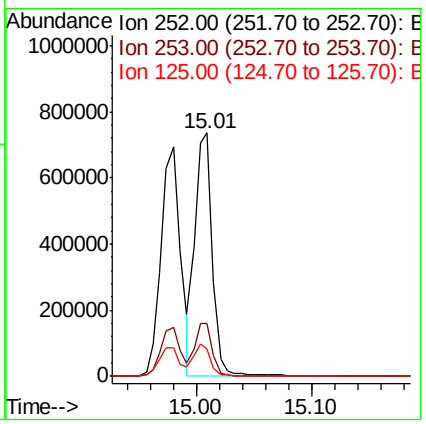


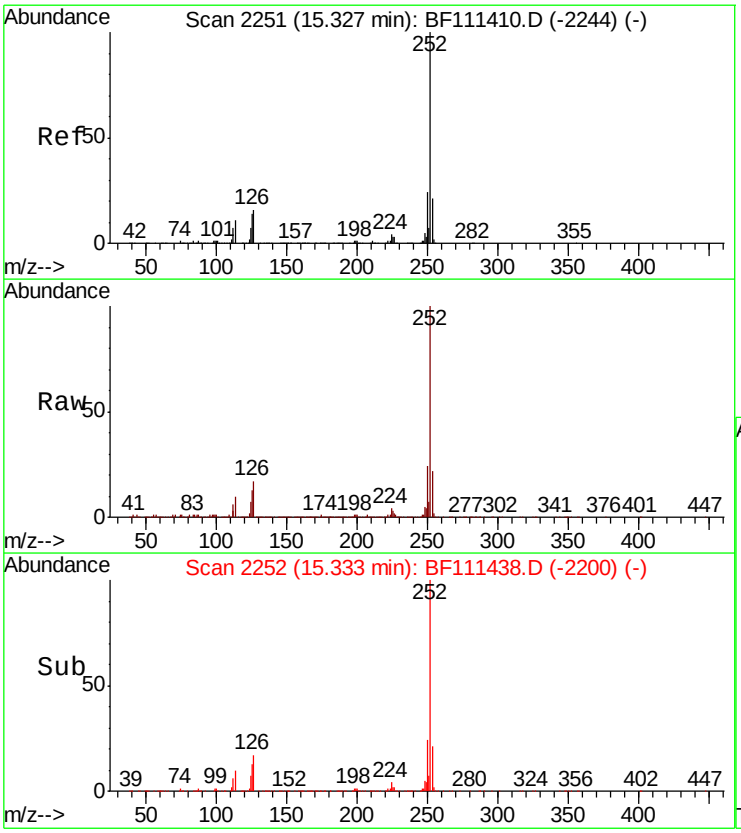

#89
Benzo(k)fluoranthene
Concen: 49.315 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:252 Resp: 788431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.1 | 27.1 |
| 125 | 11.3 | 9.8 | 14.8 |

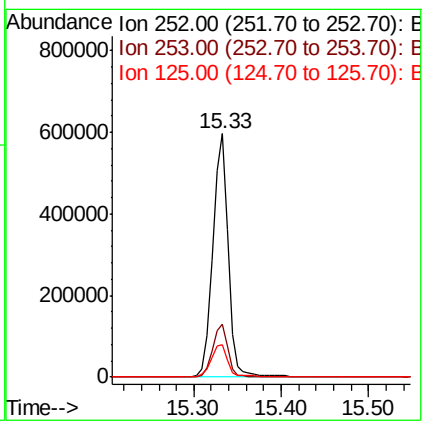


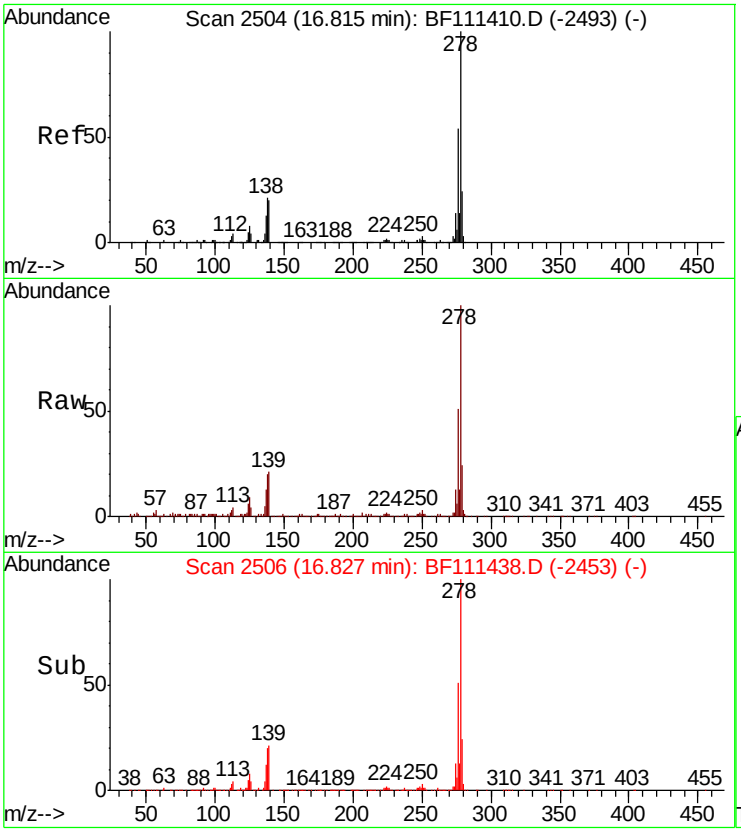




#90
Benzo(a)pyrene
Concen: 48.179 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:252 Resp: 726934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.8 | 26.8 |
| 125 | 13.1 | 12.3 | 18.5 |



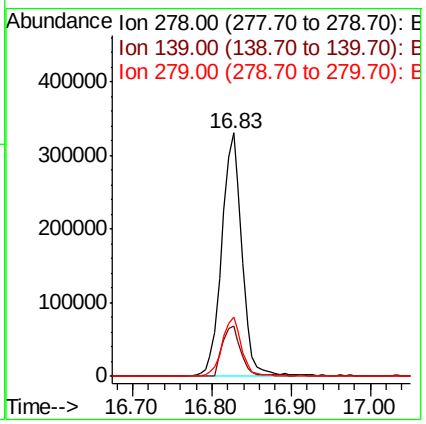


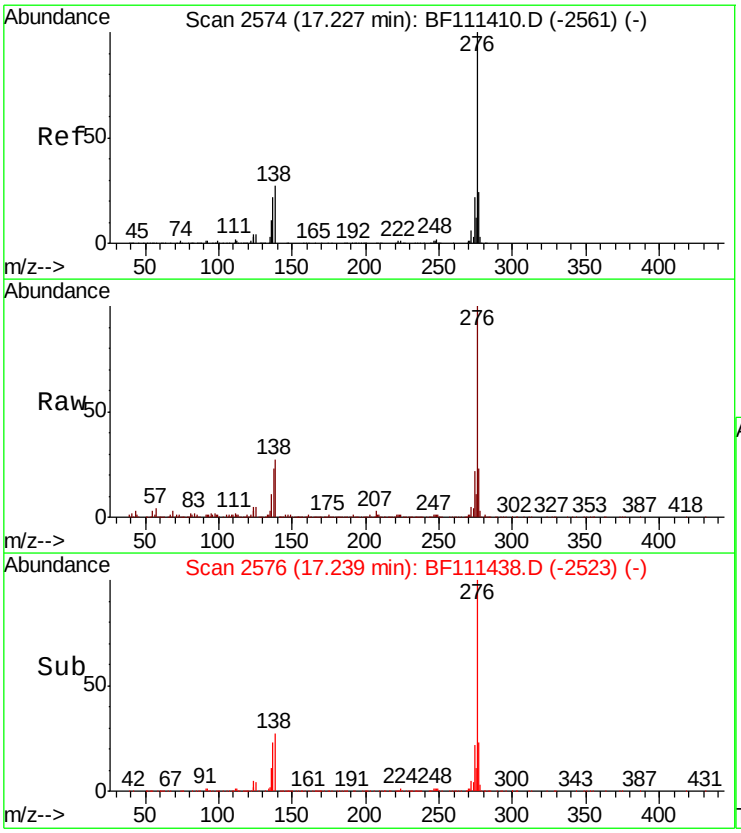

#91
Dibenzo(a,h)anthracene
Concen: 49.069 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

**Instrument :**
BNA_G
**ClientSampleId :**
SB-2MSD

Tgt Ion:278 Resp: 584025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.8 | 18.2 | 27.4 |
| 279 | 24.1 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 49.109 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:276 Resp: 573744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.2 | 28.8 |
| 138 | 26.8 | 24.9 | 37.3 |