Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117953.D
Acq On : 23 Nov 2019 13:46
Operator : JU
Sample : K5925-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 25 07:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 120002 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.19 | 136 | 480696 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.96 | 164 | 265107 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.45 | 188 | 520091 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 14.10 | 240 | 395593 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.60 | 264 | 402963 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 800650 | 118.10 | ng | | -0.01 |
| 7) Phenol-d6 | 6.53 | 99 | 1032052 | 126.21 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 628947 | 77.78 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.75 | 330 | 351515 | 125.24 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.27 | 172 | 1209143 | 81.83 | ng | | -0.02 |
| 79) Terphenyl-d14 | 13.04 | 244 | 1551567 | 71.68 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.72 | 88 | 134994 | 42.599 | ng | | 97 |
| 3) Pyridine | 3.48 | 79 | 356034 | 42.831 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.43 | 42 | 181249 | 49.949 | ng | | 96 |
| 6) Aniline | 6.56 | 93 | 238157 | 22.040 | ng | | 97 |
| 8) 2-Chlorophenol | 6.69 | 128 | 368252 | 50.060 | ng | | 98 |
| 9) Benzaldehyde | 6.45 | 77 | 174088 | 30.701 | ng | | 99 |
| 10) Phenol | 6.55 | 94 | 439884 | 51.769 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 318009 | 46.605 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 403032 | 46.537 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 409810 | 46.814 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 389541 | 46.528 | ng | | 98 |
| 15) Benzyl Alcohol | 7.05 | 79 | 324555 | 51.410 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45 | 416778 | 39.672 | ng | | 97 |
| 17) 2-Methylphenol | 7.16 | 107 | 307117 | 49.300 | ng | | 99 |
| 18) Hexachloroethane | 7.42 | 117 | 147274 | 45.797 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 245894 | 48.744 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 385320 | 49.828 | ng | # | 88 |
| 22) Acetophenone | 7.32 | 105 | 504111 | 46.678 | ng | # | 98 |
| 24) Nitrobenzene | 7.49 | 77 | 388738 | 46.600 | ng | | 97 |
| 25) Isophorone | 7.73 | 82 | 688786 | 46.474 | ng | | 97 |
| 26) 2-Nitrophenol | 7.80 | 139 | 207172 | 51.024 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.84 | 122 | 326808 | 51.798 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93 | 412396 | 43.849 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.05 | 162 | 321151 | 46.926 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 350420 | 44.143 | ng | | 99 |
| 31) Naphthalene | 8.22 | 128 | 1093994 | 48.818 | ng | | 99 |
| 32) Benzoic acid | 7.96 | 122 | 247889 | 46.924 | ng | | 99 |
| 33) 4-Chloroaniline | 8.26 | 127 | 98876 | 9.856 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 200460 | 43.191 | ng | | 100 |
| 35) Caprolactam | 8.63 | 113 | 70640 | 32.477 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.75 | 107 | 348402 | 50.162 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.91 | 142 | 756238 | 49.945 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.01 | 142 | 714252 | 49.896 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 335218 | 43.541 | ng | | 98 |

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Acq On : 23 Nov 2019 13:46
Operator : JU
Sample : K5925-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 25 07:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.06 | 237 | 432369 | 100.213 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.19 | 196 | 241732 | 43.836 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.23 | 196 | 261592 | 45.689 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.37 | 154 | 911422 | 46.339 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.40 | 162 | 703518 | 43.480 | ng | | 97 |
| 48) 2-Nitroaniline | 9.49 | 65 | 213239 | 43.653 | ng | | 99 |
| 49) Acenaphthylene | 9.82 | 152 | 1145391 | 48.554 | ng | | 99 |
| 50) Dimethylphthalate | 9.67 | 163 | 1085644 | 58.398 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.74 | 165 | 195397 | 48.092 | ng | | 86 |
| 52) Acenaphthene | 9.99 | 154 | 703826 | 46.575 | ng | | 99 |
| 53) 3-Nitroaniline | 9.90 | 138 | 82360 | 16.941 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 10.02 | 184 | 197957 | 93.485 | ng | | 87 |
| 55) Dibenzofuran | 10.16 | 168 | 1001023 | 47.836 | ng | | 98 |
| 56) 4-Nitrophenol | 10.07 | 139 | 347804 | 95.842 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.15 | 165 | 263062 | 50.898 | ng | | 94 |
| 58) Fluorene | 10.51 | 166 | 785174 | 48.419 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.28 | 232 | 215097 | 45.723 | ng | | 96 |
| 60) Diethylphthalate | 10.37 | 149 | 861540 | 47.535 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.50 | 204 | 384080 | 46.671 | ng | | 96 |
| 62) 4-Nitroaniline | 10.52 | 138 | 205021 | 42.118 | ng | | 95 |
| 63) Azobenzene | 10.66 | 77 | 777319 | 47.142 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.55 | 198 | 139407 | 57.417 | ng | | 82 |
| 66) n-Nitrosodiphenylamine | 10.62 | 169 | 700628 | 46.288 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.99 | 248 | 245692 | 43.782 | ng | | 98 |
| 68) Hexachlorobenzene | 11.06 | 284 | 288245 | 44.050 | ng | | 98 |
| 69) Atrazine | 11.15 | 200 | 252574 | 50.727 | ng | | 98 |
| 70) Pentachlorophenol | 11.25 | 266 | 326327 | 85.360 | ng | | 99 |
| 71) Phenanthrene | 11.47 | 178 | 1221718 | 46.722 | ng | | 99 |
| 72) Anthracene | 11.53 | 178 | 1268421 | 48.925 | ng | | 99 |
| 73) Carbazole | 11.68 | 167 | 1118311 | 49.362 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.01 | 149 | 1369823 | 48.562 | ng | | 99 |
| 75) Fluoranthene | 12.67 | 202 | 1282734 | 55.651 | ng | | 100 |
| 77) Benzidine | 12.79 | 184 | 468642 | 36.166 | ng | | 98 |
| 78) Pyrene | 12.90 | 202 | 1294118 | 40.479 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.52 | 149 | 601449 | 43.802 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.09 | 228 | 1194054 | 45.677 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.05 | 252 | 227639 | 24.895 | ng | # | 96 |
| 83) Chrysene | 14.13 | 228 | 1152288 | 45.489 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149 | 833397 | 50.063 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.69 | 149 | 1403599 | 57.393 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.14 | 276 | 1083019 | 50.235 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.16 | 252 | 1135625 | 43.377 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.19 | 252 | 1104451 | 44.772 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.54 | 252 | 1003075 | 43.571 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.16 | 278 | 903714 | 45.607 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.60 | 276 | 886144 | 44.899 | ng | | 99 |

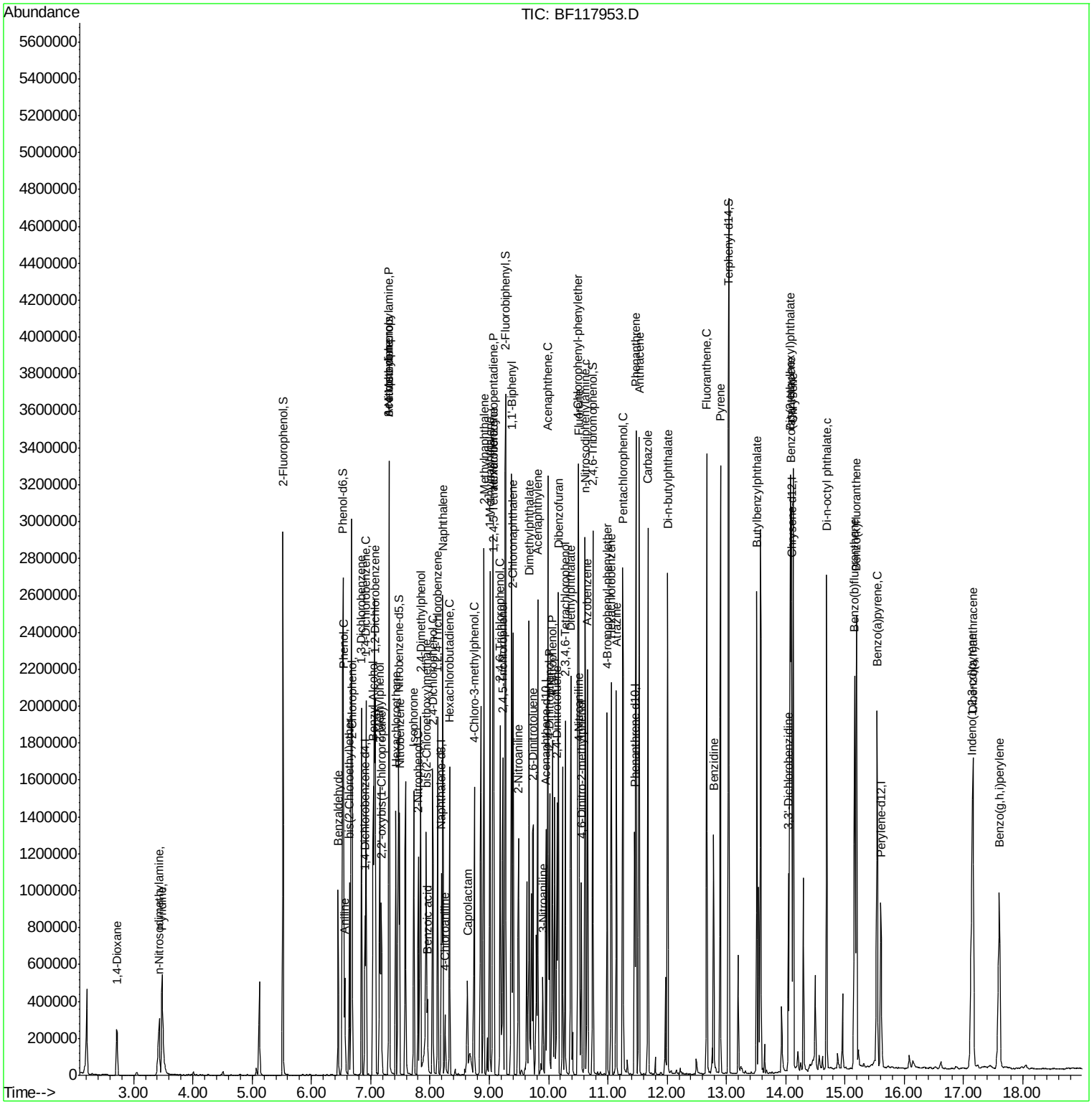
(#) = qualifier out of range (m) = manual integration (+) = signals summed

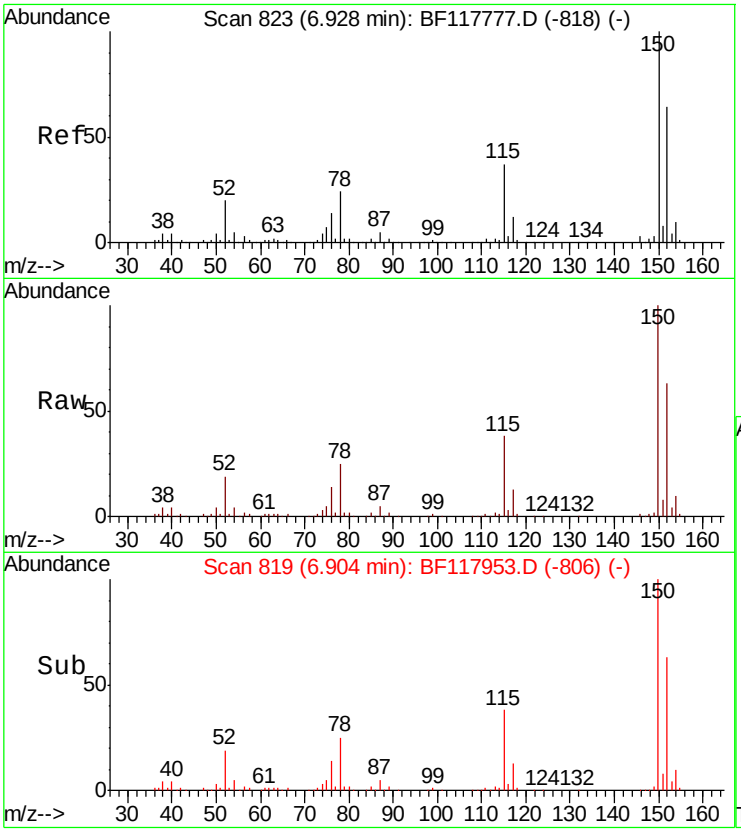
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117953.D
Acq On : 23 Nov 2019 13:46
Operator : JU
Sample : K5925-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 25 07:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



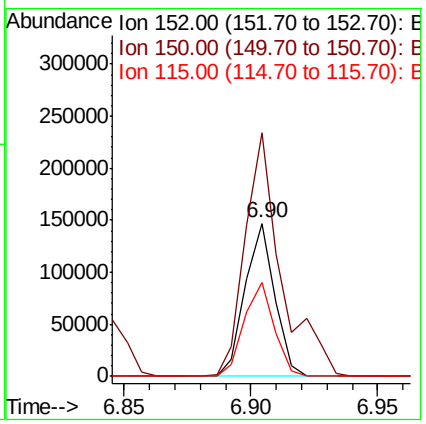


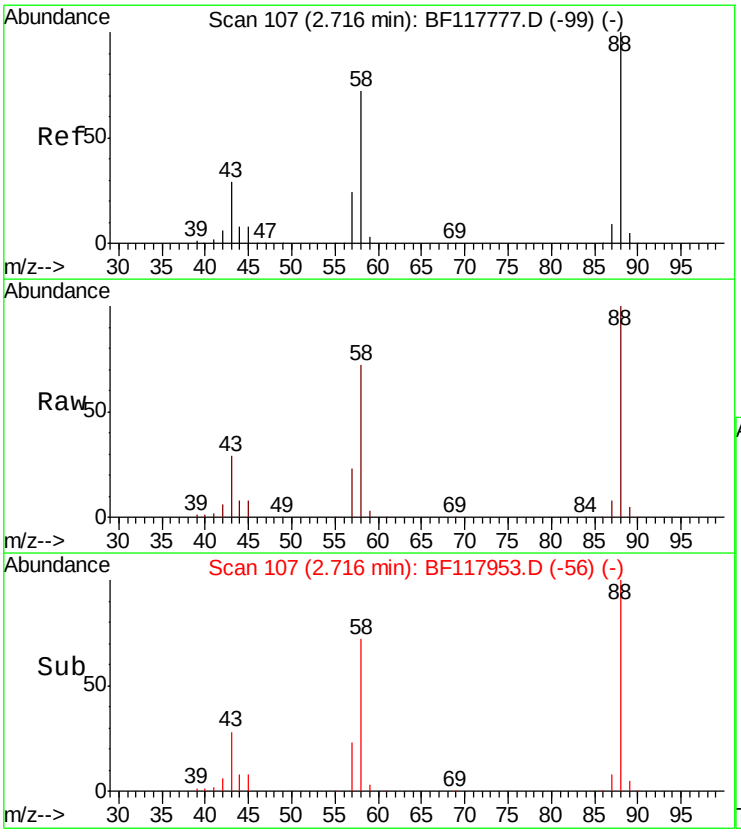

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:152 Resp: 120002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 125.3 | 187.9 |
| 115 | 60.9 | 47.0 | 70.4 |

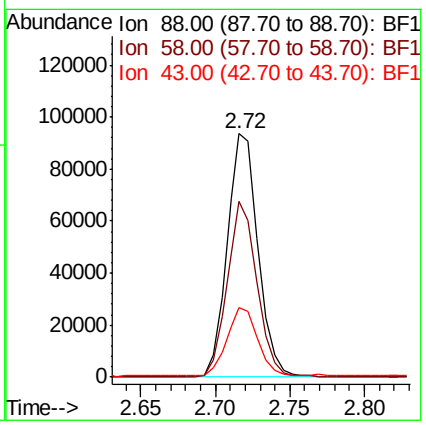


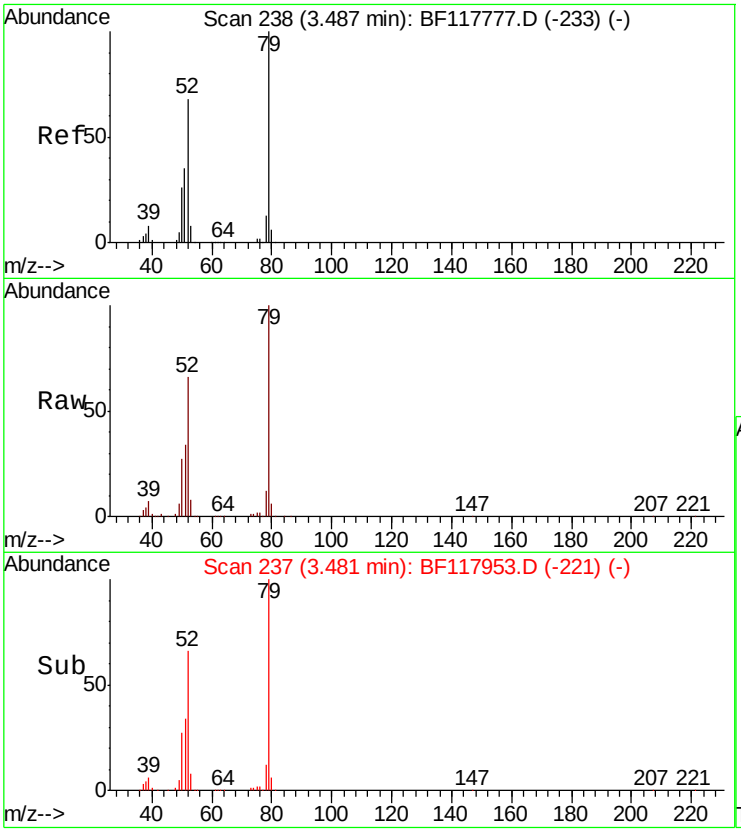




#2
1,4-Dioxane
Concen: 42.599 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 88 Resp: 134994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 69.9 | 58.2 | 87.2 |
| 43 | 28.1 | 23.3 | 34.9 |



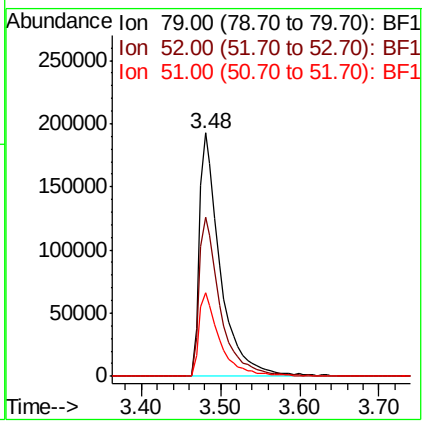


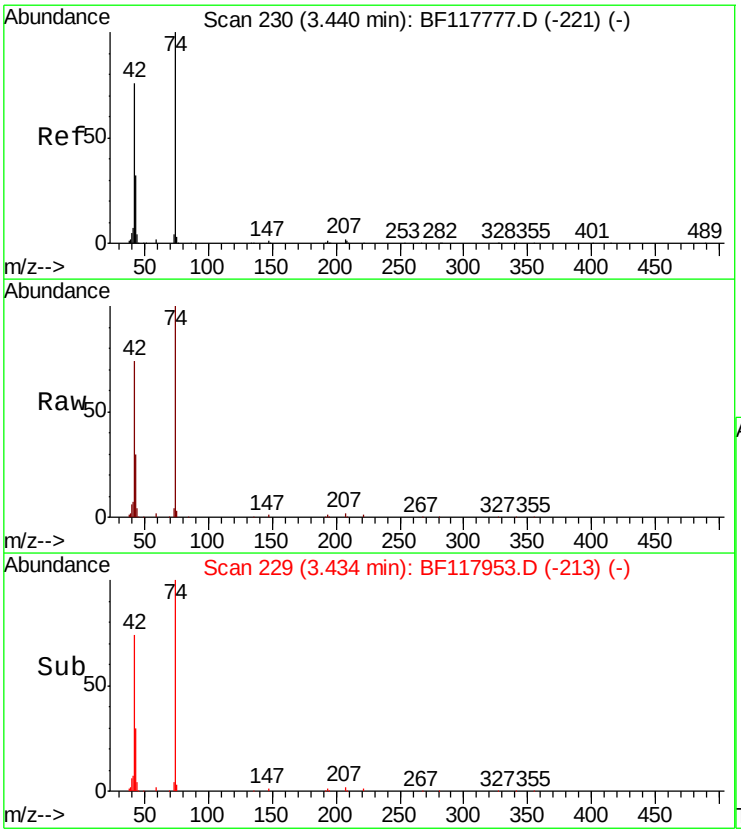

#3
Pyridine
Concen: 42.831 ng
RT: 3.48 min Scan# 237
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 79 Resp: 356034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 65.5 | 54.8 | 82.2 |
| 51 | 34.1 | 28.2 | 42.4 |

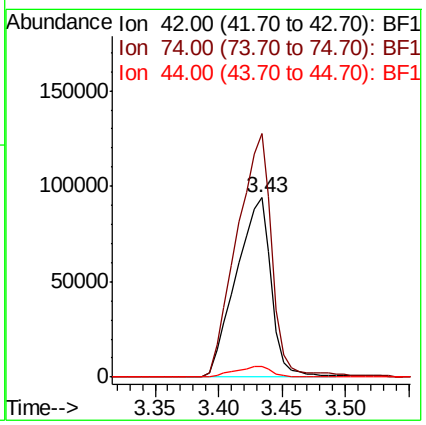


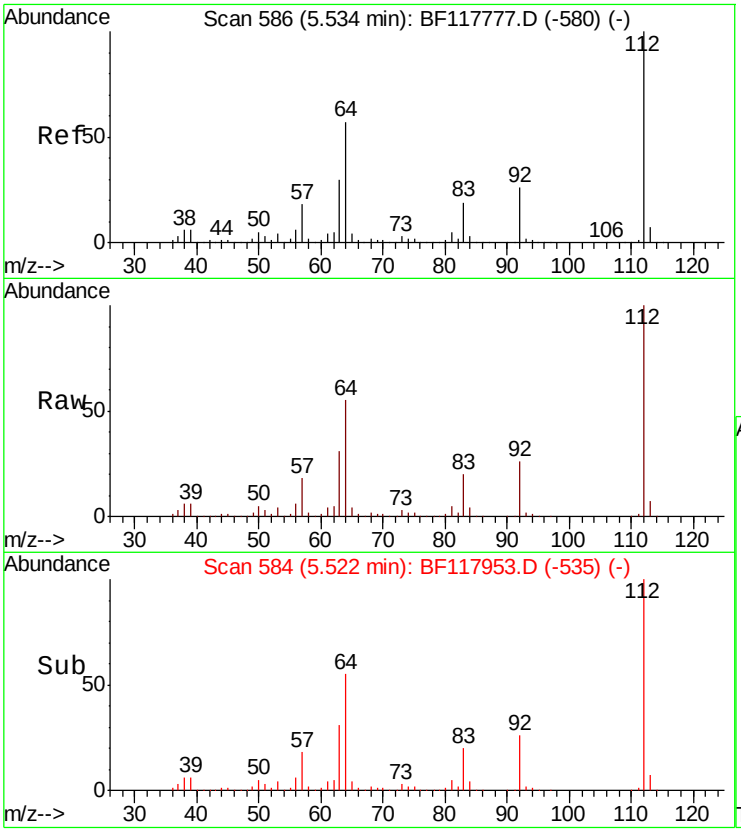




#4
n-Nitrosodimethylamine
Concen: 49.949 ng
RT: 3.43 min Scan# 229
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 42 Resp: 181249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 135.8 | 105.1 | 157.7 |
| 44 | 6.0 | 4.6 | 7.0 |



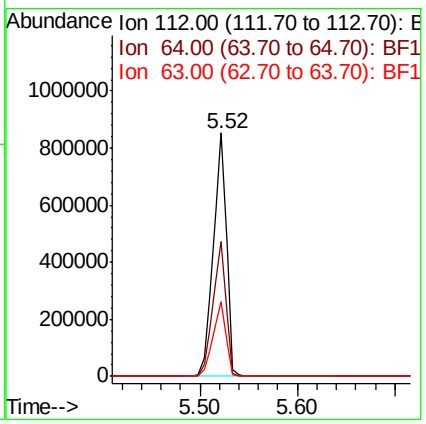


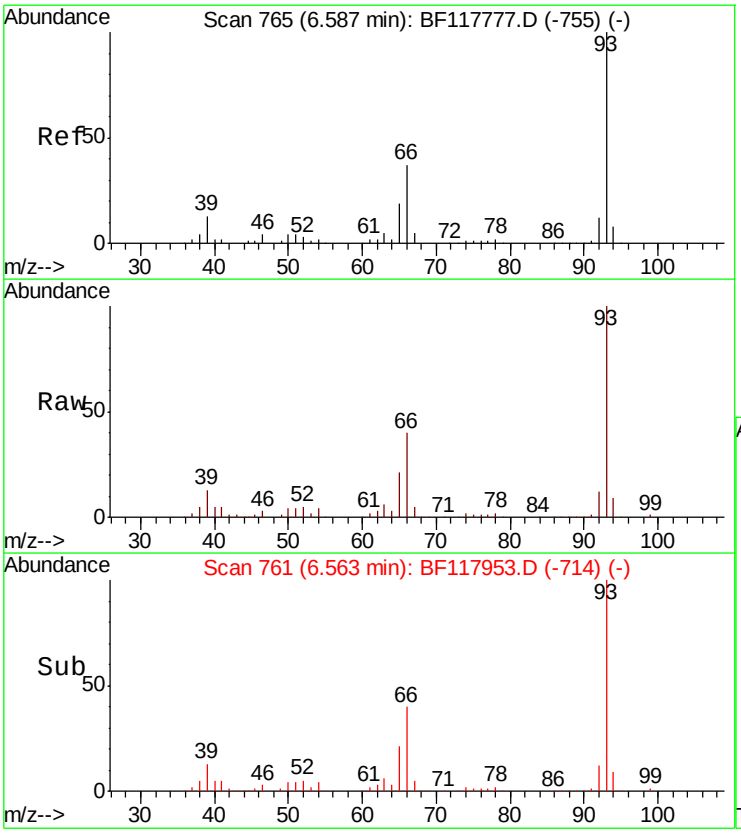

#5
2-Fluorophenol
Concen: 118.101 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:112 Resp: 800650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 45.6 | 68.4 |
| 63 | 30.6 | 24.1 | 36.1 |

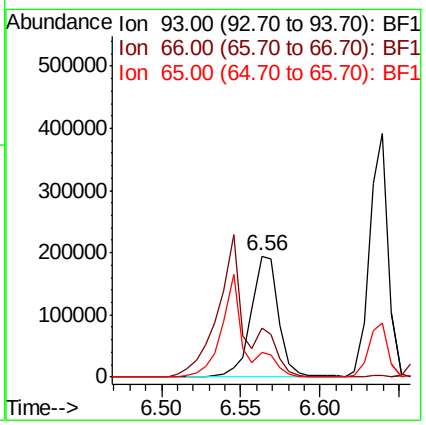


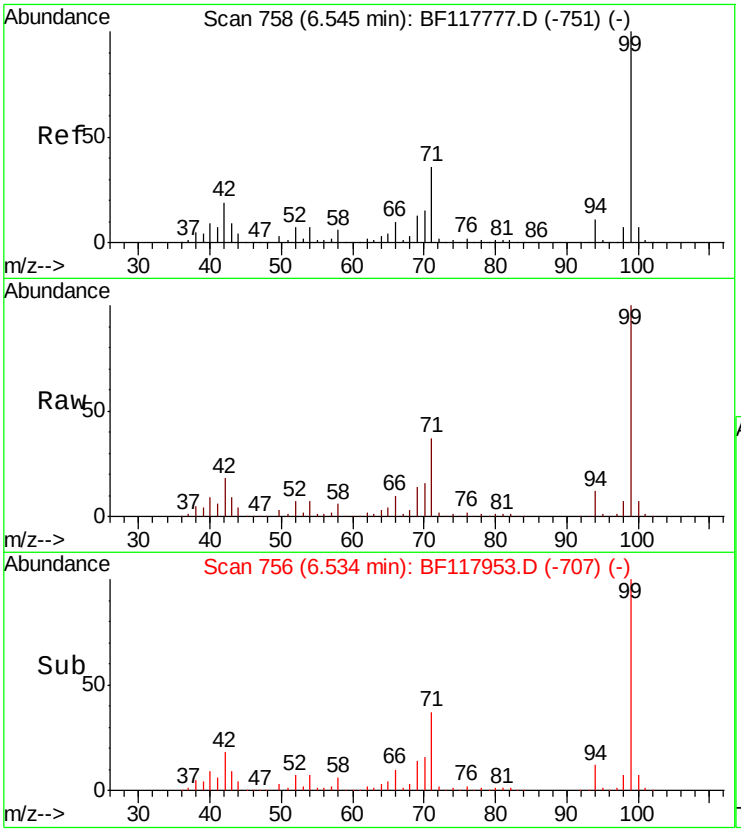




#6
Aniline
Concen: 22.040 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 93 Resp: 238157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.1 | 30.6 | 45.8 |
| 65 | 20.5 | 15.6 | 23.4 |



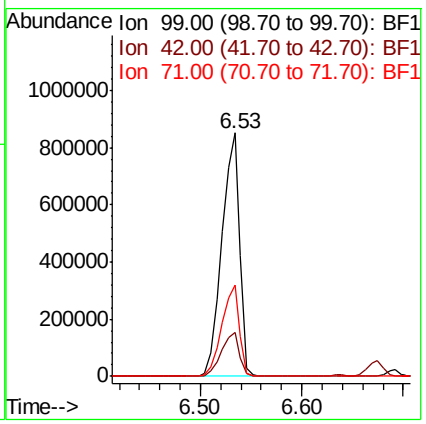


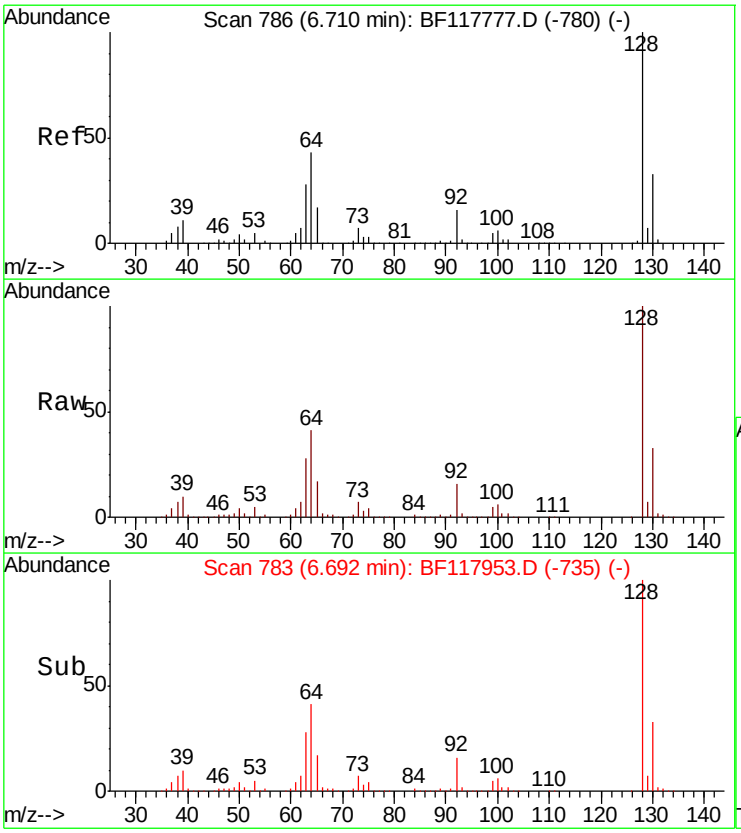

#7
Phenol-d6
Concen: 126.214 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 99 Resp: 1032052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 14.9 | 22.3 |
| 71 | 37.3 | 28.6 | 43.0 |

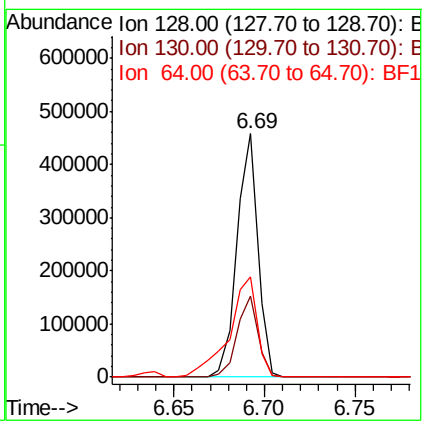


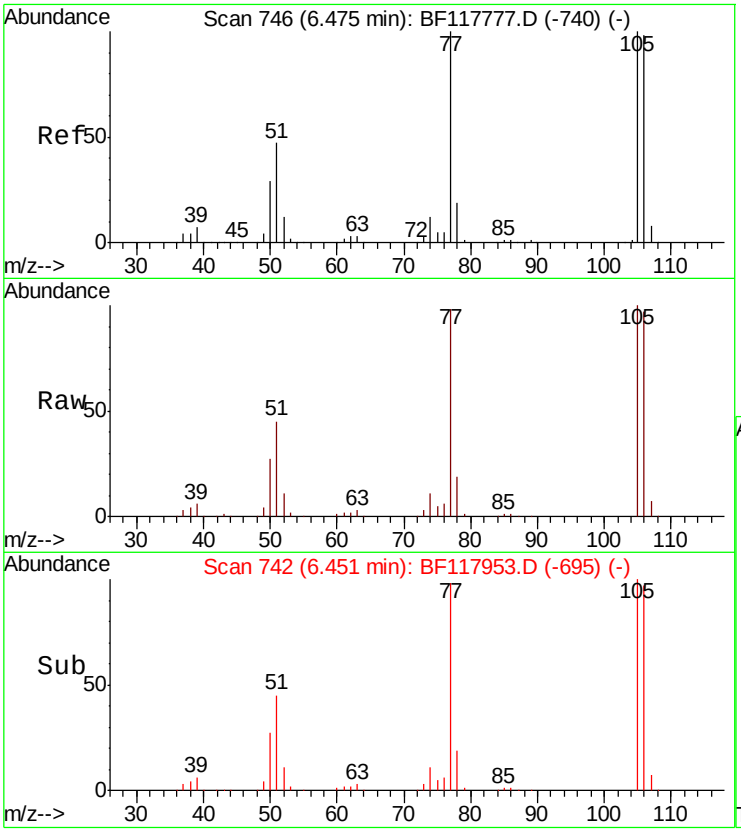




#8
2-Chlorophenol
Concen: 50.060 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:128 Resp: 368252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.4 | 13.2 | 53.2 |
| 64 | 41.4 | 23.7 | 63.7 |



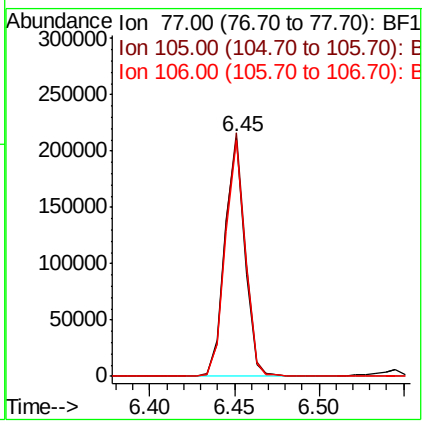


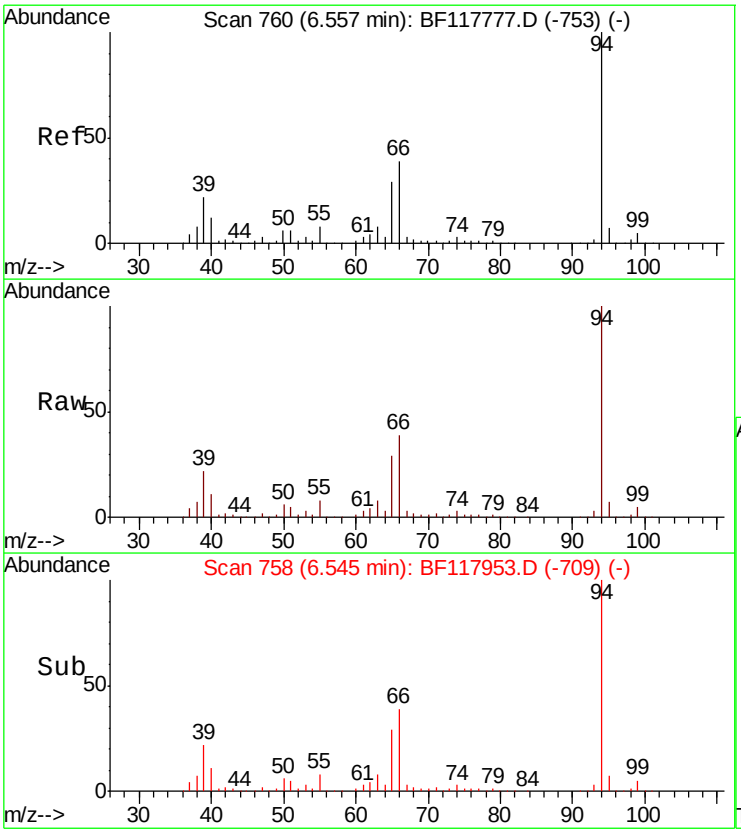

#9
Benzaldehyde
Concen: 30.701 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 77 Resp: 174088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.9 | 80.2 | 120.2 |
| 106 | 98.6 | 78.4 | 118.4 |

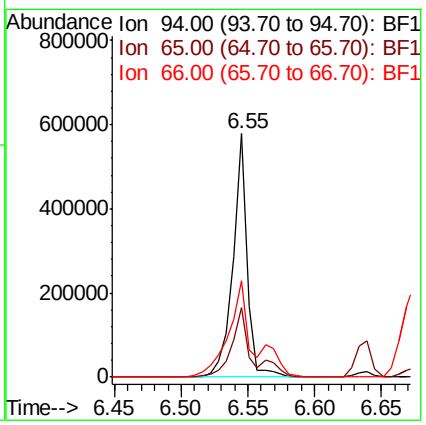


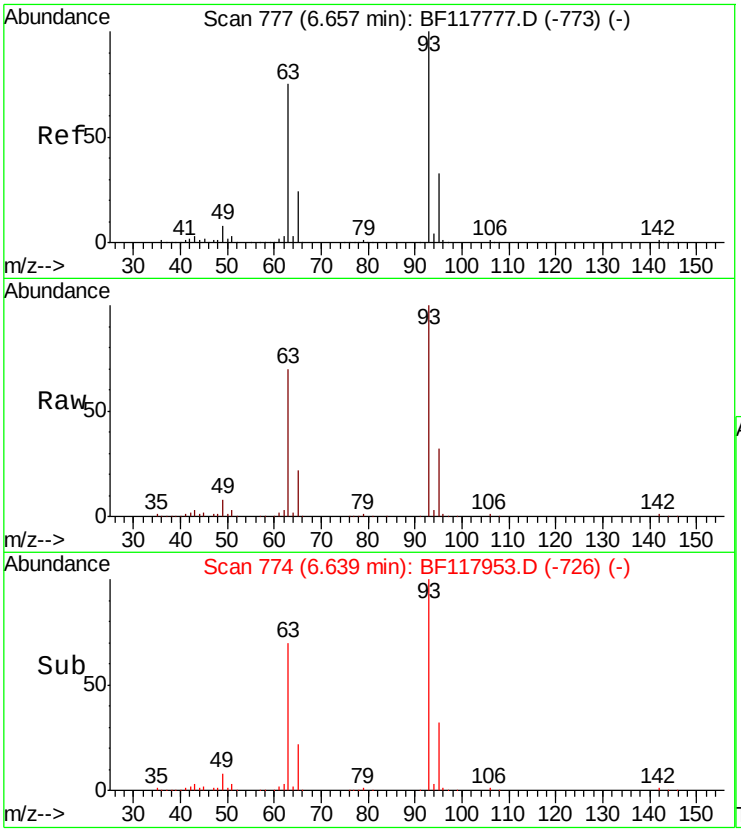




#10
Phenol
Concen: 51.769 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 94 Resp: 439884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.7 | 8.9 | 48.9 |
| 66 | 39.4 | 18.7 | 58.7 |



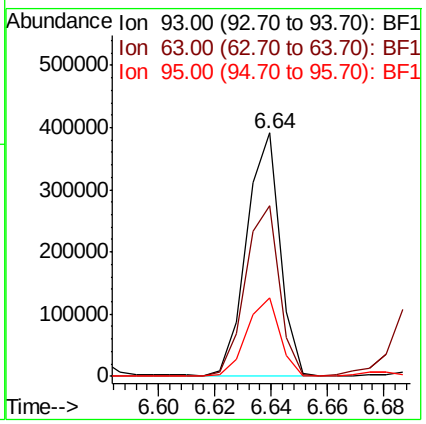


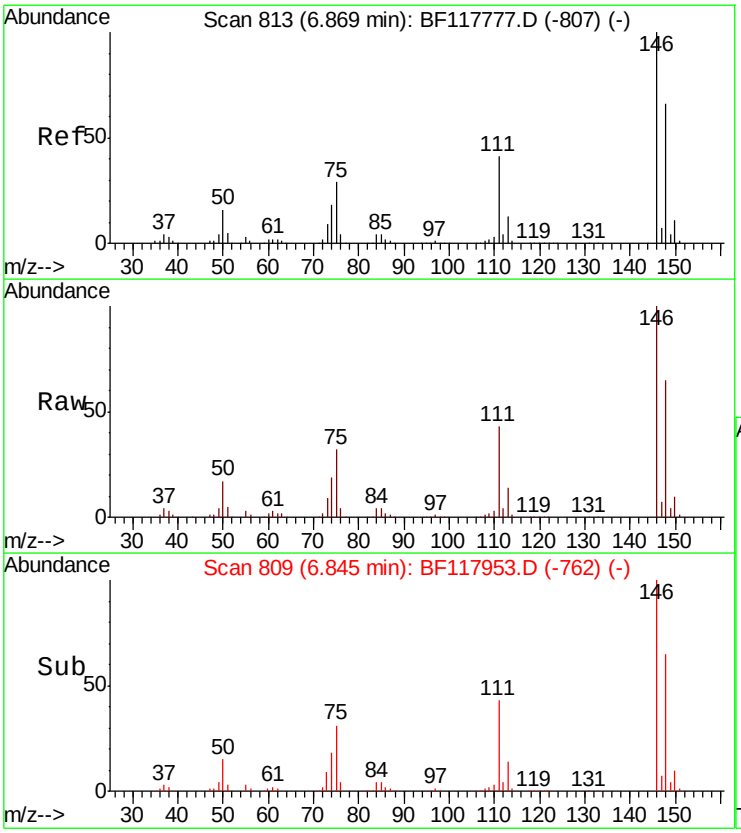

#11
bis(2-Chloroethyl)ether
Concen: 46.605 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 93 Resp: 318009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.3 | 54.8 | 94.8 |
| 95 | 32.3 | 12.7 | 52.7 |

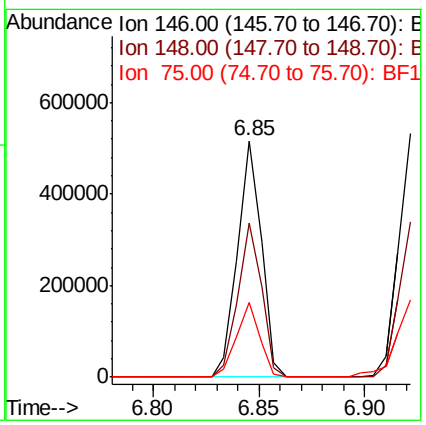


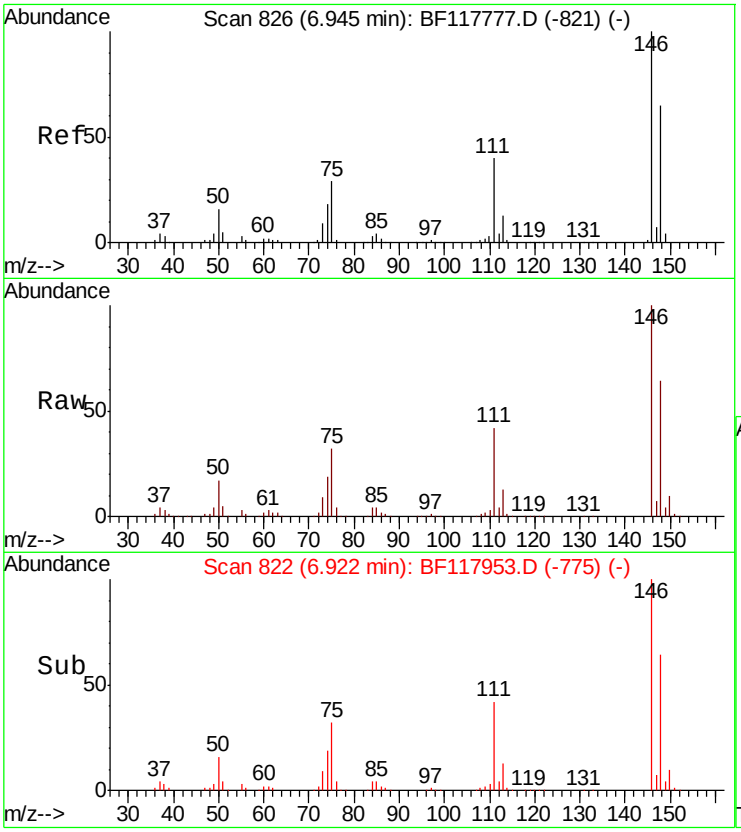




#12
1,3-Dichlorobenzene
Concen: 46.537 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:146 Resp: 403032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.8 | 79.2 |
| 75 | 31.7 | 23.4 | 35.0 |



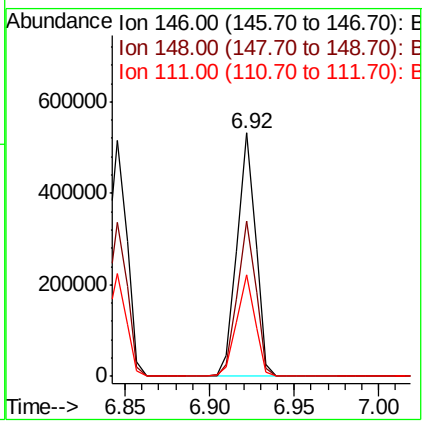


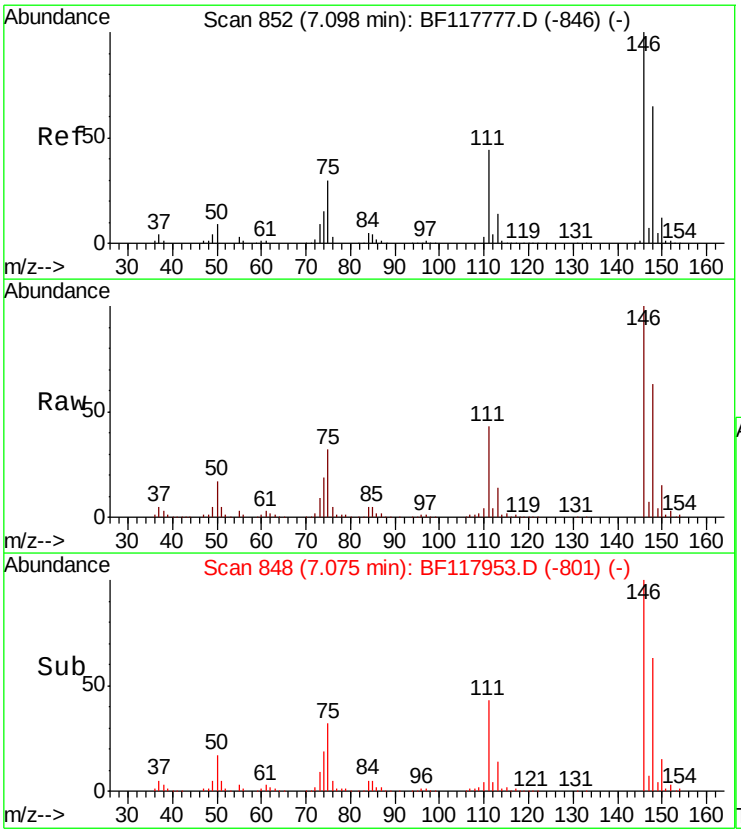

#13
1,4-Dichlorobenzene
Concen: 46.814 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:146 Resp: 409810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 52.3 | 78.5 |
| 111 | 41.7 | 32.2 | 48.4 |

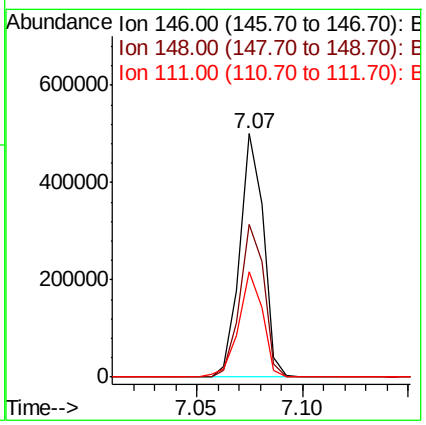


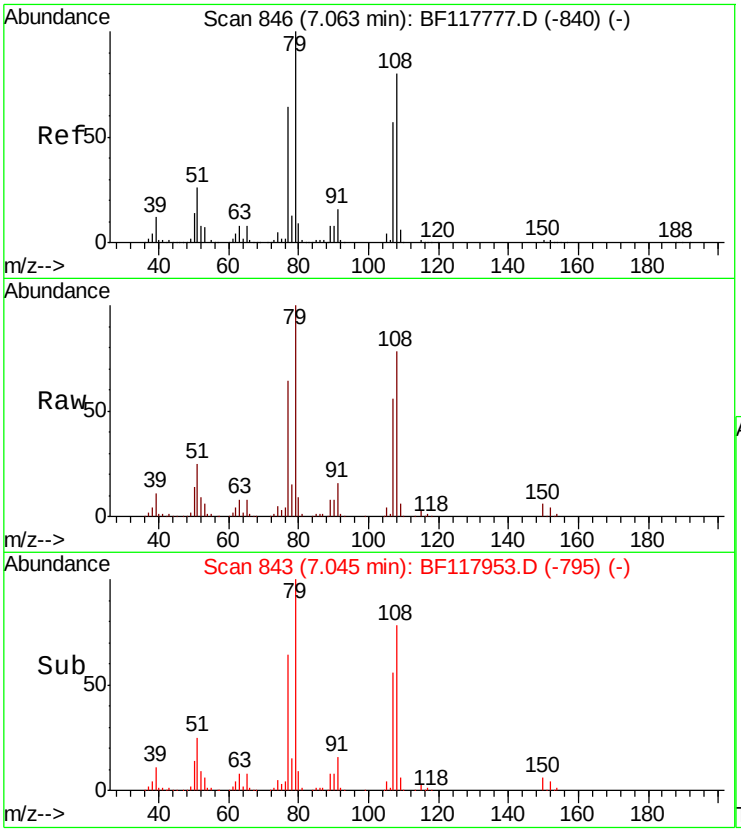




#14
1,2-Dichlorobenzene
Concen: 46.528 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:146 Resp: 389541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 51.8 | 77.8 |
| 111 | 43.5 | 35.0 | 52.6 |



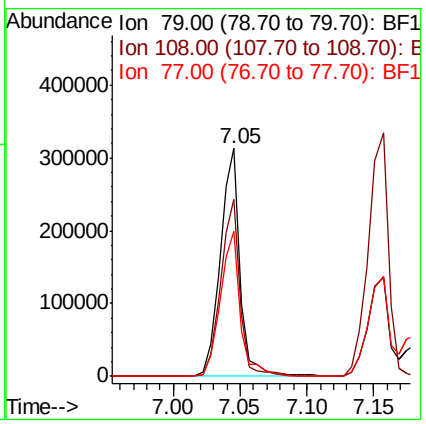


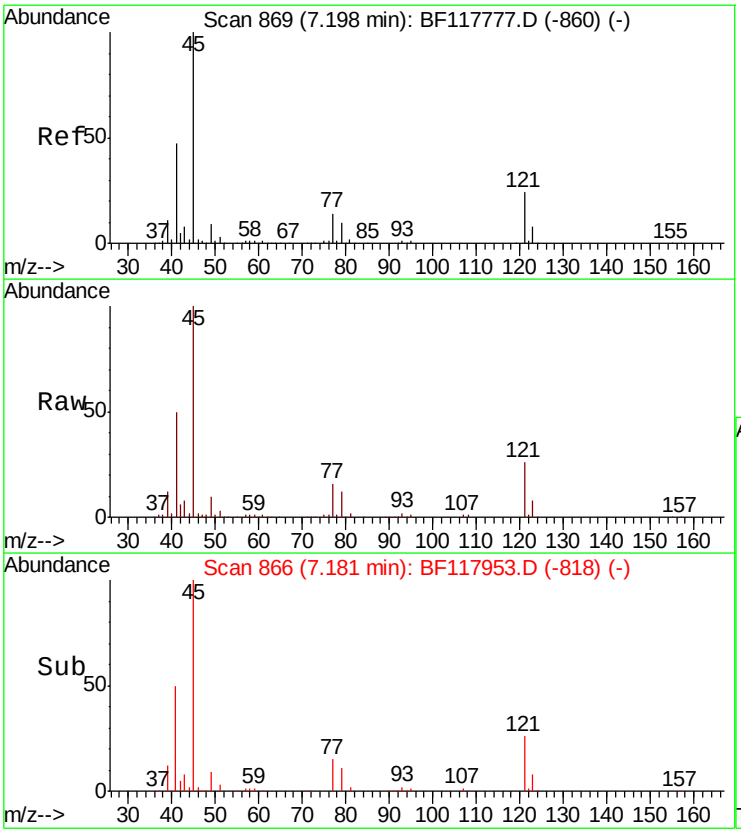

#15
Benzyl Alcohol
Concen: 51.410 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 79 Resp: 324555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.8 | 64.1 | 96.1 |
| 77 | 63.9 | 51.3 | 76.9 |

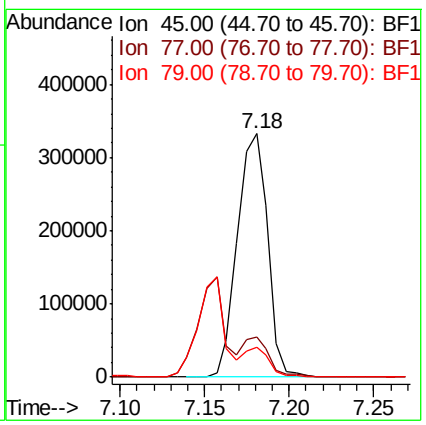


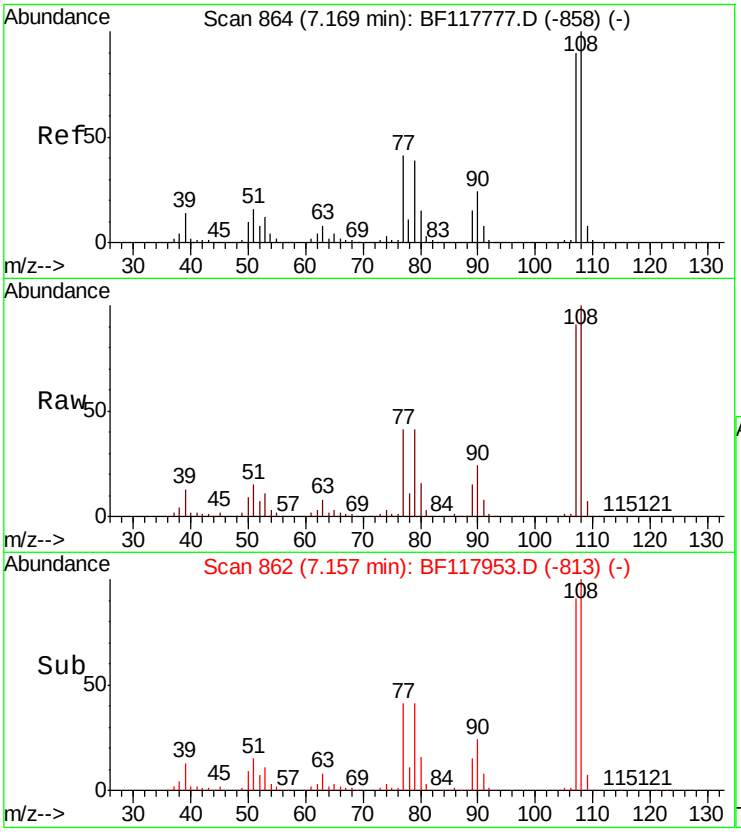




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.672 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 45 Resp: 416778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.4 | 0.0 | 35.0 |
| 79 | 12.3 | 0.0 | 31.1 |



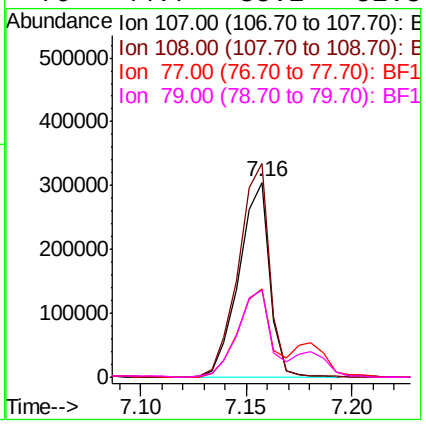


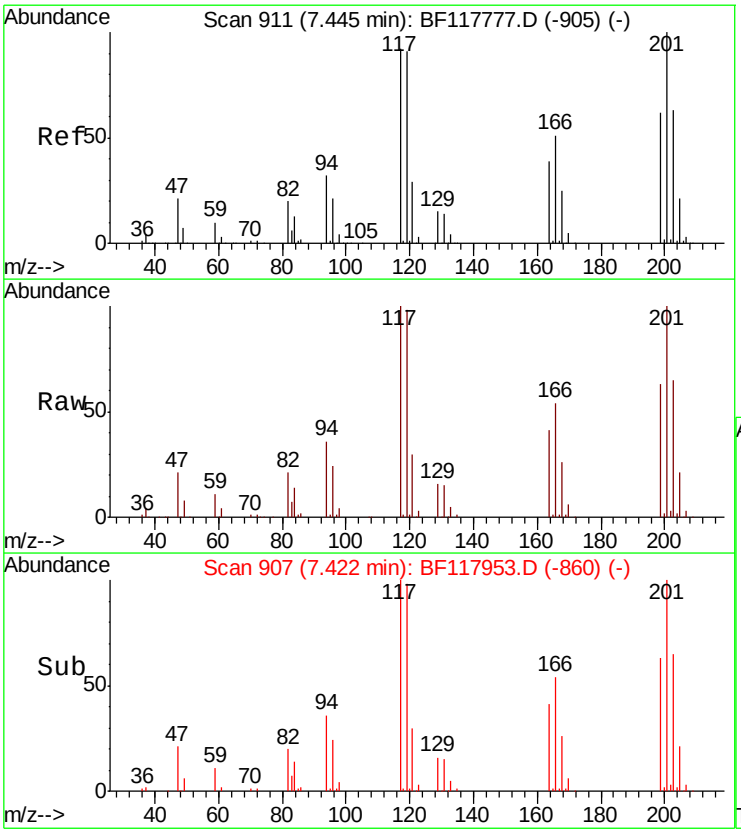

#17
2-Methylphenol
Concen: 49.300 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:107 Resp: 307117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.7 | 89.1 | 133.7 |
| 77 | 45.1 | 36.6 | 54.8 |
| 79 | 44.7 | 35.2 | 52.8 |

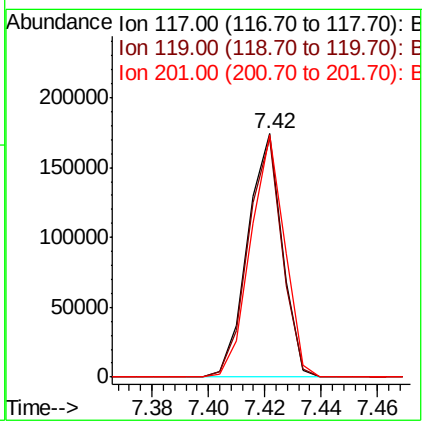


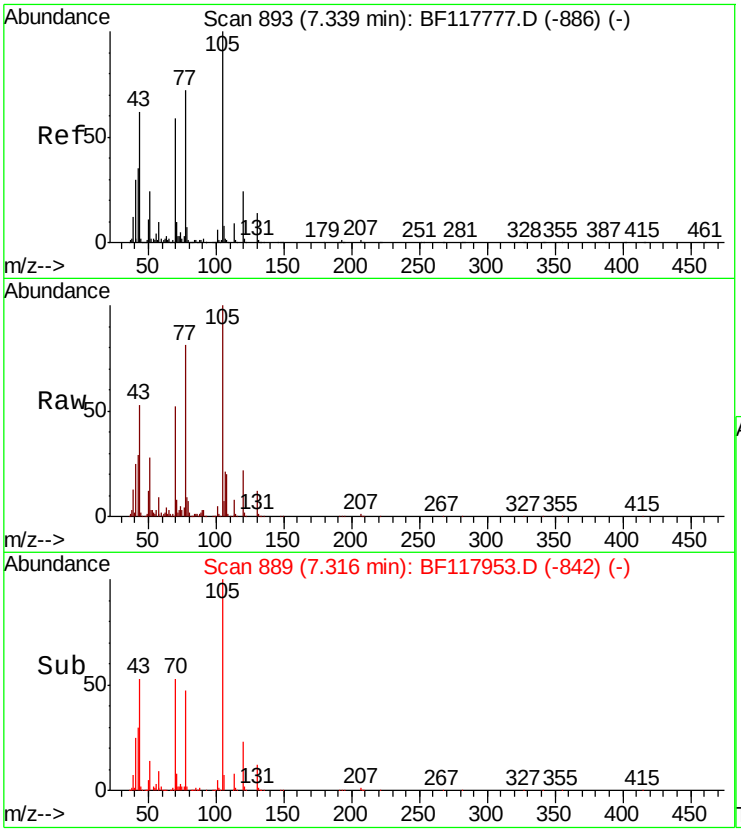




#18
Hexachloroethane
Concen: 45.797 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:117 Resp: 147274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 78.7 | 118.1 |
| 201 | 99.8 | 86.5 | 129.7 |



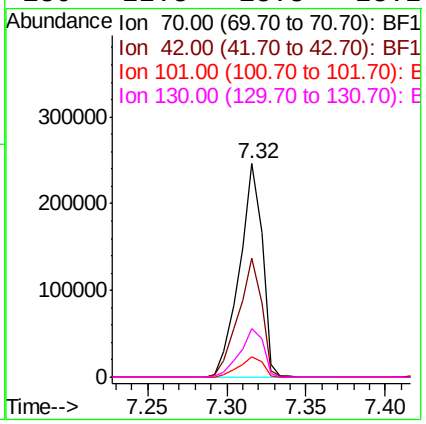


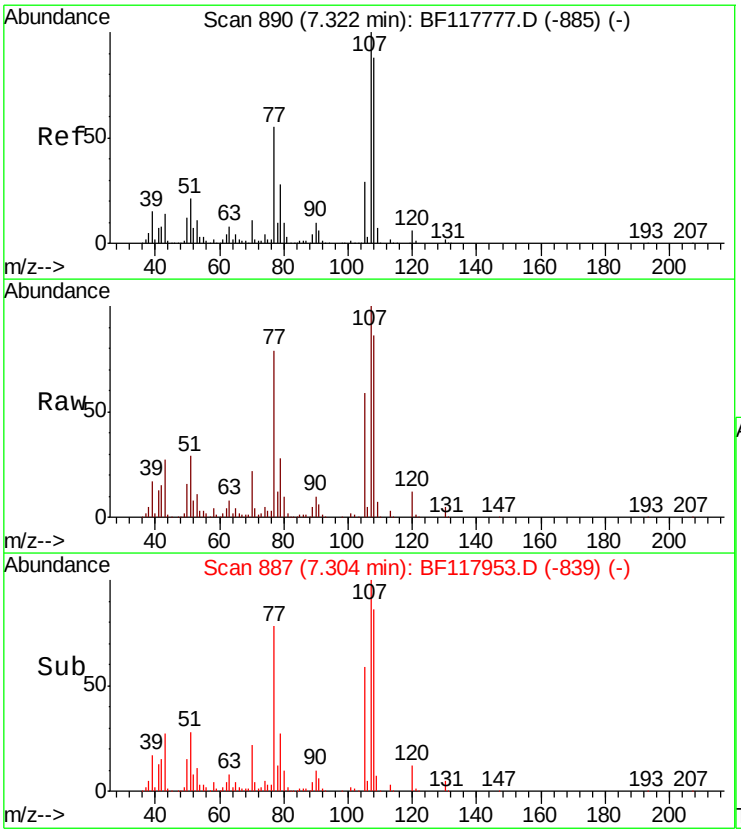

#19
n-Nitroso-di-n-propylamine
Concen: 48.744 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 70 Resp: 245894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.9 | 47.4 | 71.2 |
| 101 | 9.7 | 8.4 | 12.6 |
| 130 | 22.8 | 18.8 | 28.2 |

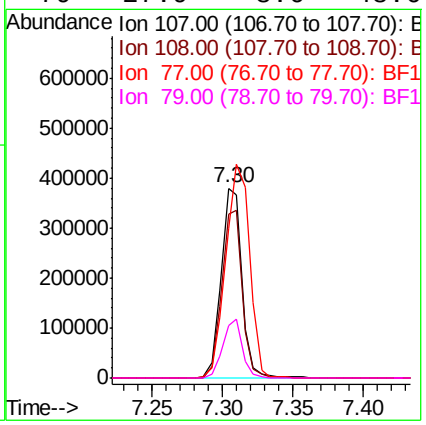


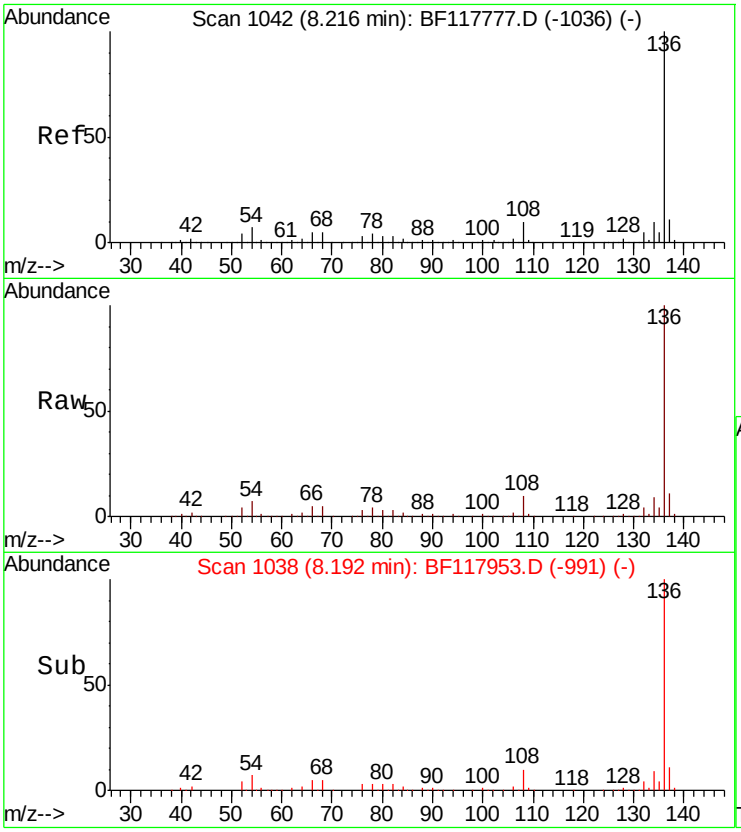




#20
3+4-Methylphenols
Concen: 49.828 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:107 Resp: 385320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.4 | 68.4 | 108.4 |
| 77 | 78.7 | 35.2 | 75.2# |
| 79 | 27.9 | 8.6 | 48.6 |



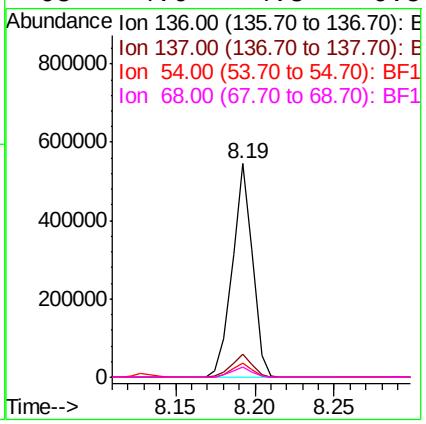


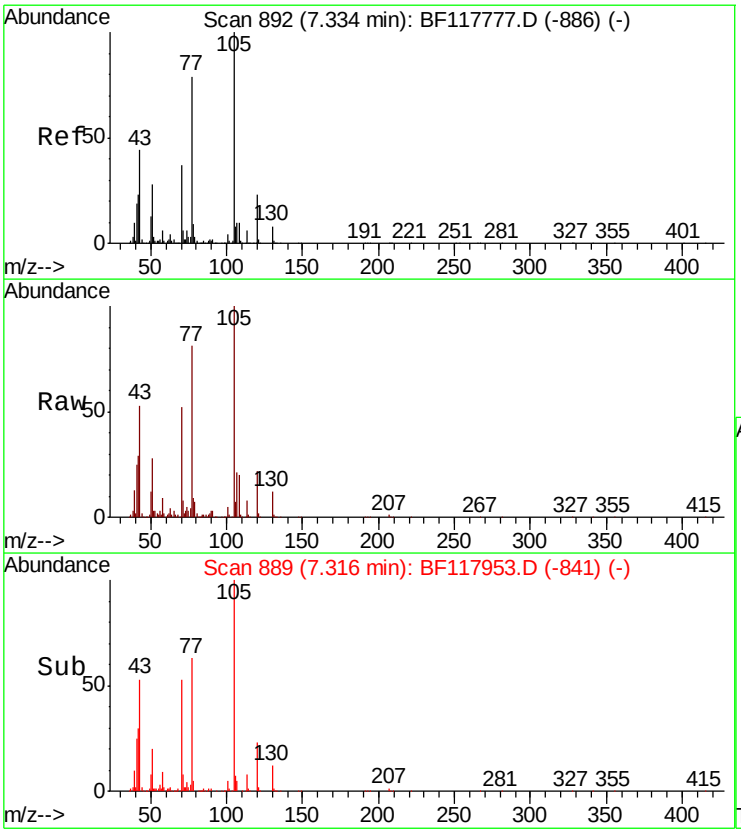

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:136 Resp: 480696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.0 | 13.4 |
| 54 | 6.5 | 5.4 | 8.2 |
| 68 | 4.6 | 4.3 | 6.5 |

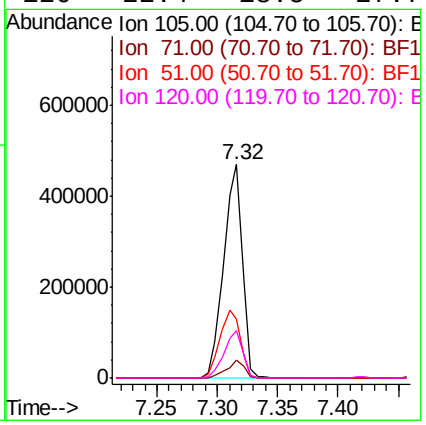


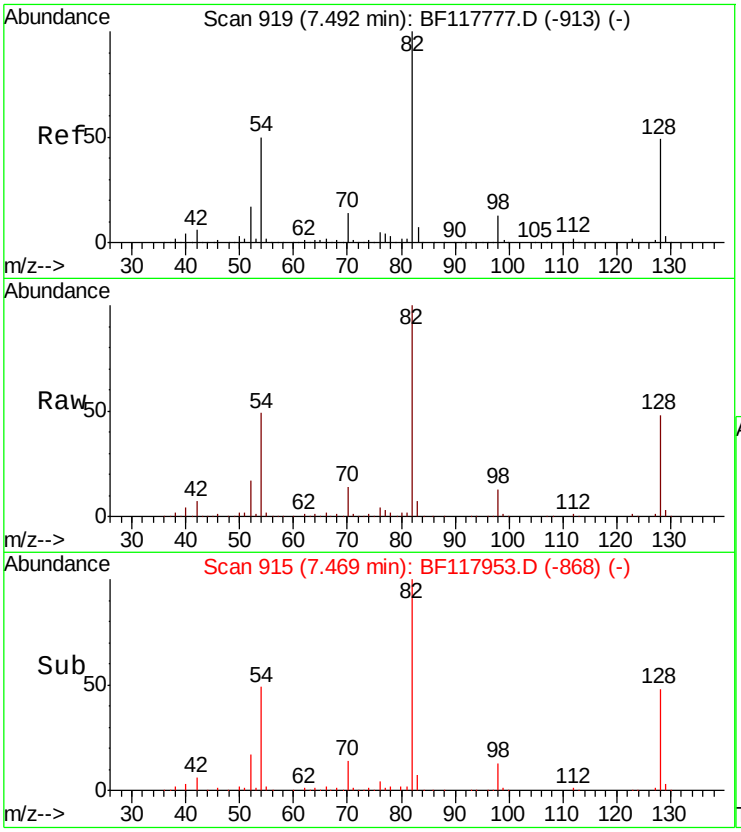




#22
Acetophenone
Concen: 46.678 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:105 Resp: 504111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.3 | 4.9 | 7.3# |
| 51 | 27.6 | 22.7 | 34.1 |
| 120 | 22.4 | 18.5 | 27.7 |



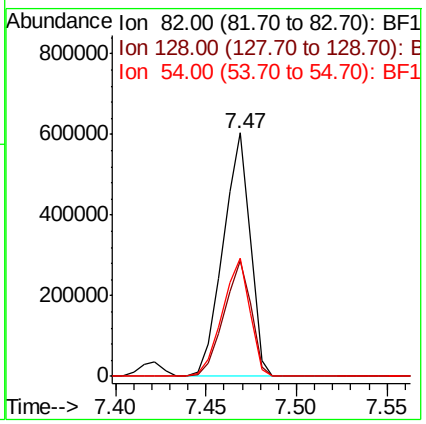


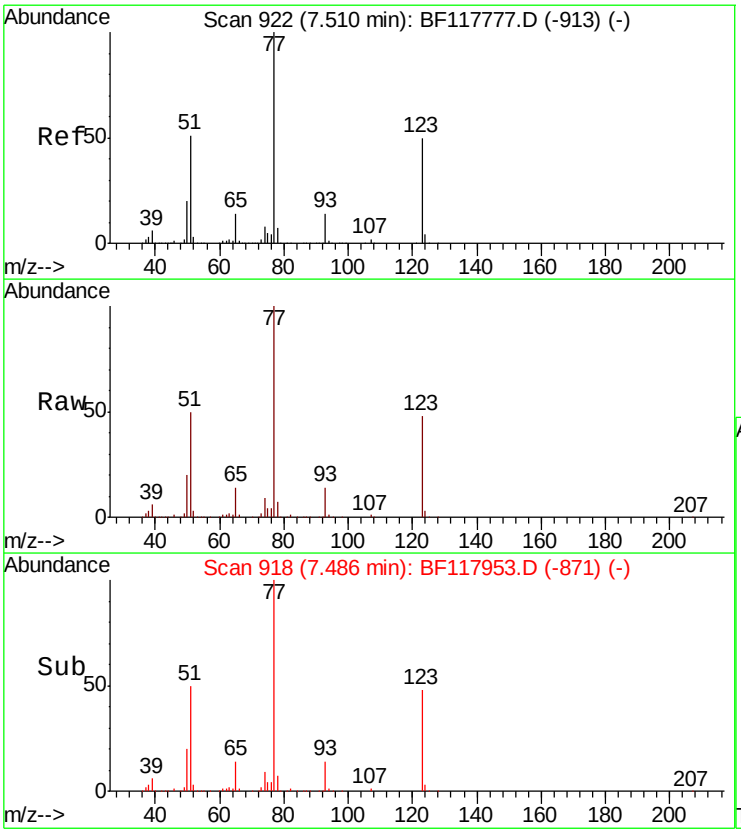

#23
Nitrobenzene-d5
Concen: 77.780 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 82 Resp: 628947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.7 | 38.9 | 58.3 |
| 54 | 48.6 | 39.8 | 59.6 |

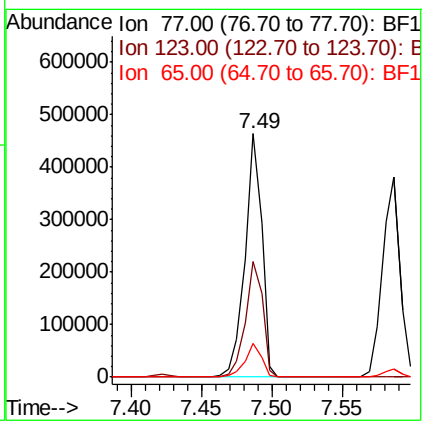


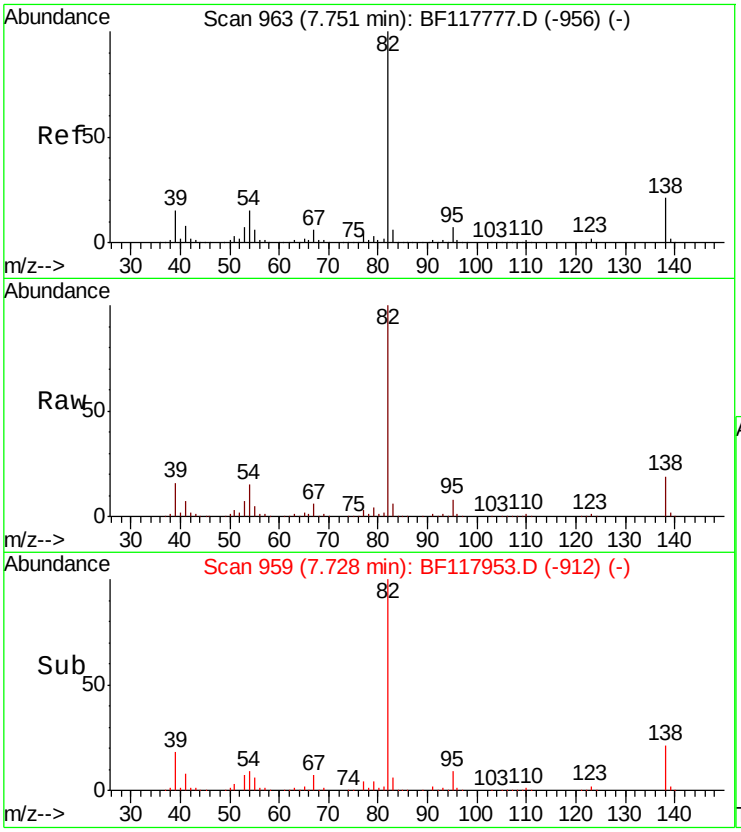




#24
Nitrobenzene
Concen: 46.600 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 77 Resp: 388738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.7 | 40.3 | 60.5 |
| 65 | 13.8 | 10.9 | 16.3 |



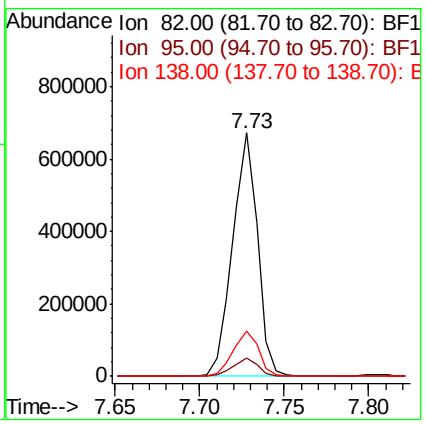


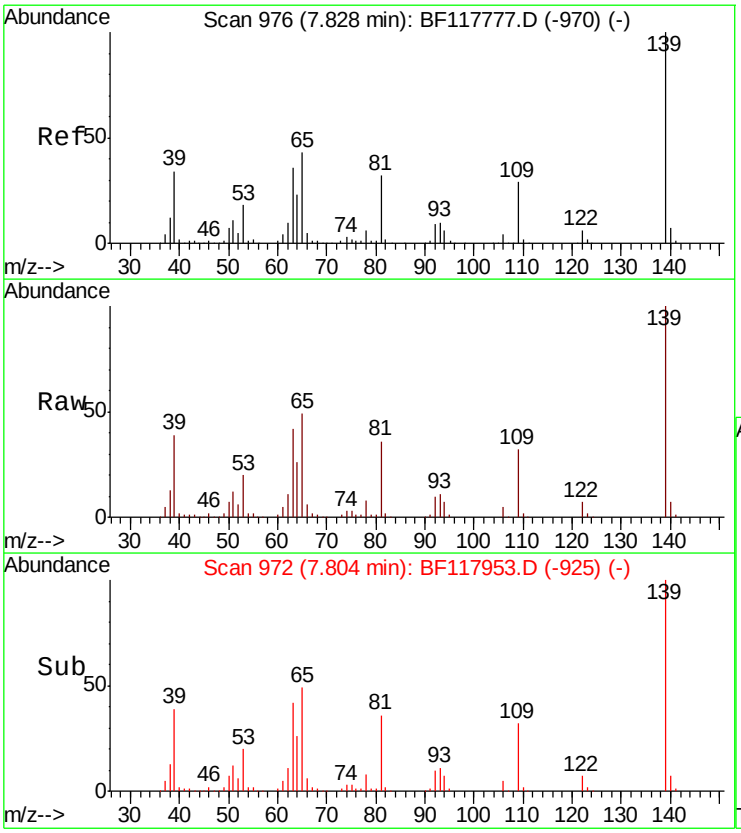

#25
Isophorone
Concen: 46.474 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 82 Resp: 688786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 5.8 | 8.8 |
| 138 | 18.8 | 16.5 | 24.7 |

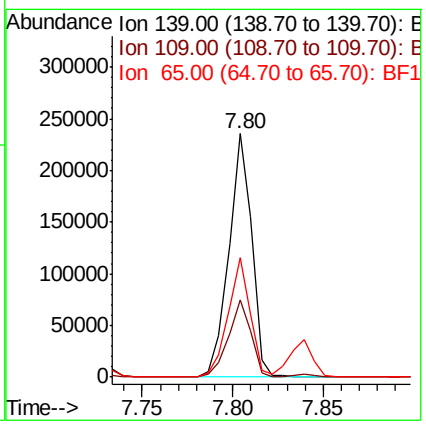


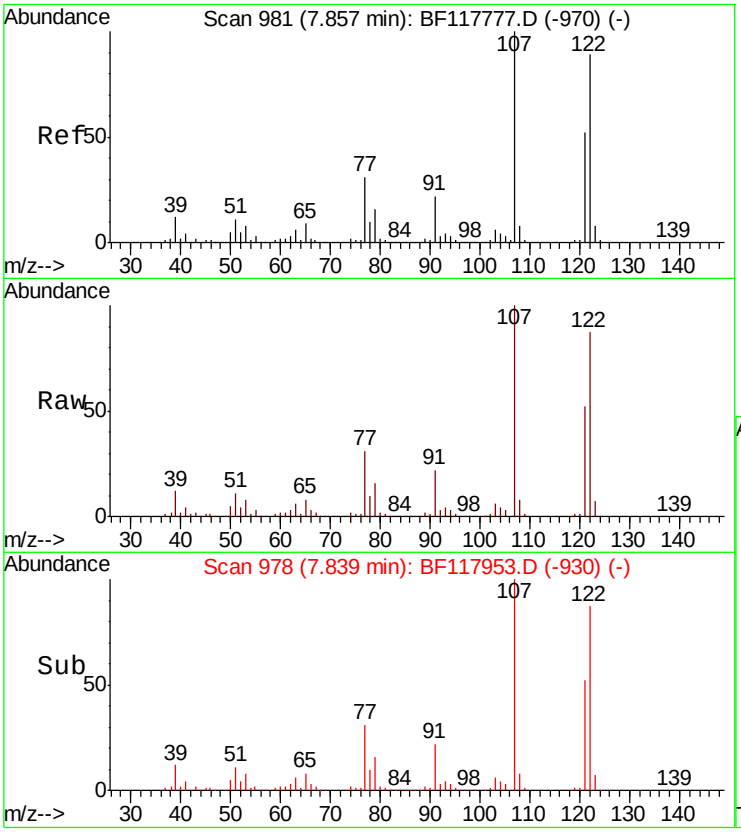




#26
2-Nitrophenol
Concen: 51.024 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:139 Resp: 207172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.7 | 23.0 | 34.4 |
| 65 | 49.1 | 34.7 | 52.1 |



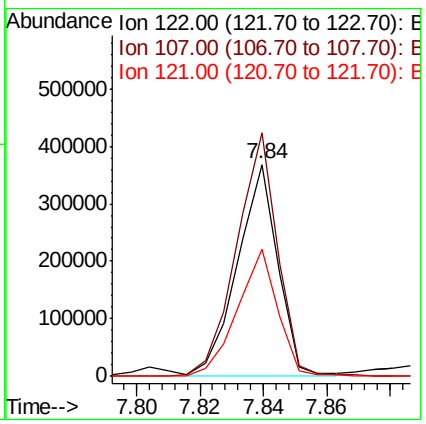


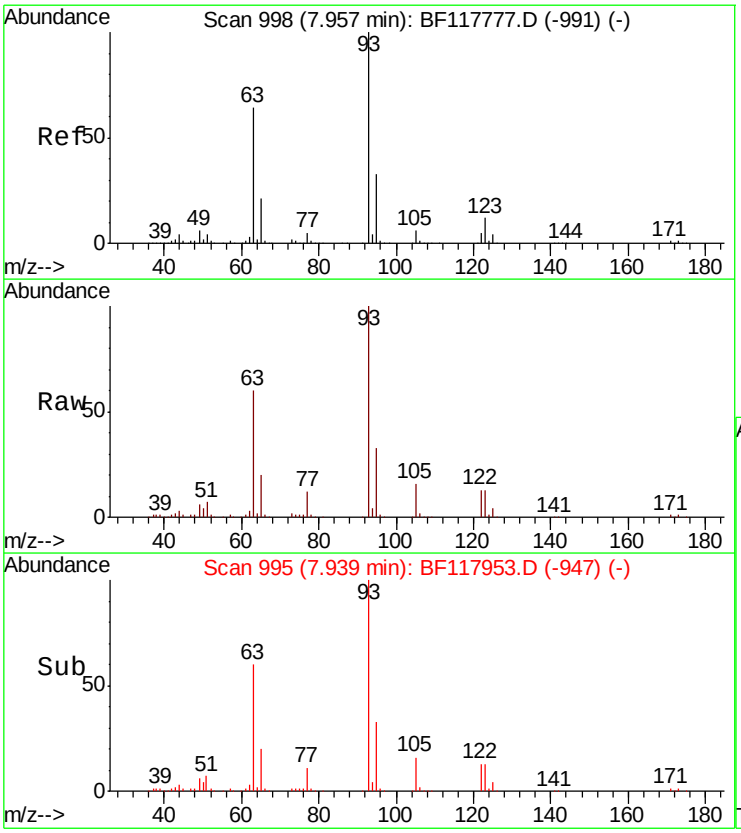

#27
2,4-Dimethylphenol
Concen: 51.798 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:122 Resp: 326808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.0 | 90.0 | 135.0 |
| 121 | 59.8 | 46.7 | 70.1 |

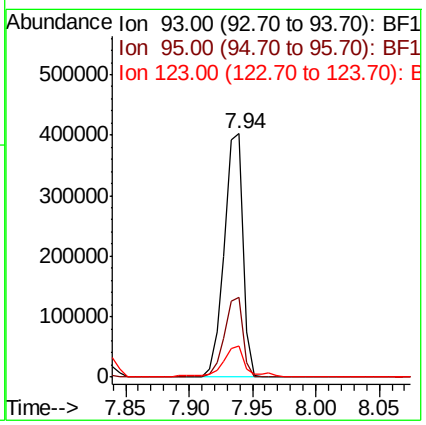


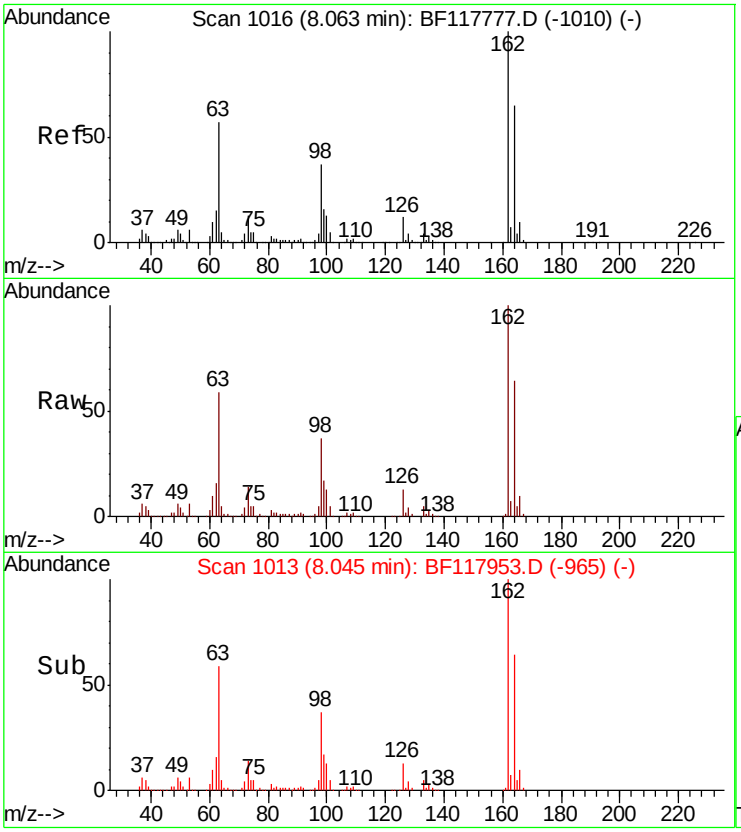




#28
bis(2-Chloroethoxy)methane
Concen: 43.849 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 93 Resp: 412396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.6 | 40.0 |
| 123 | 12.7 | 10.3 | 15.5 |



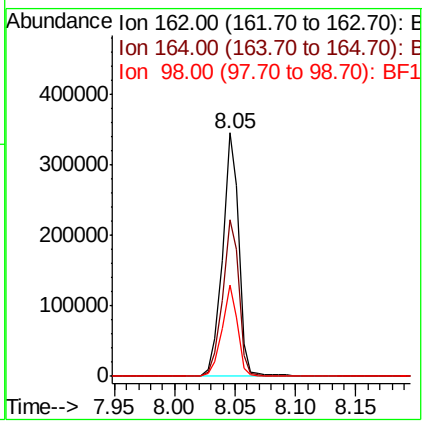


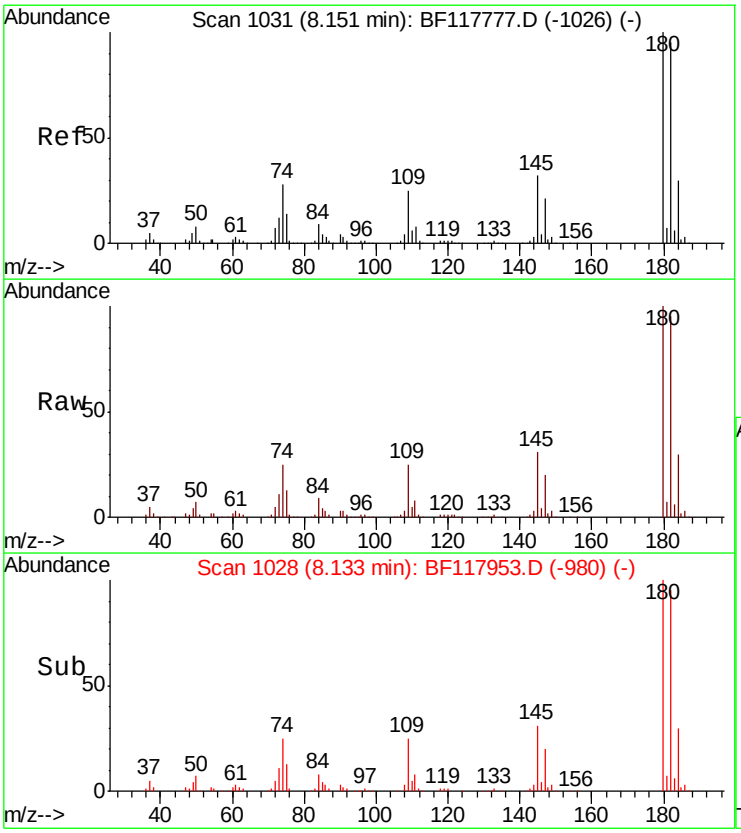

#29
2,4-Dichlorophenol
Concen: 46.926 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:162 Resp: 321151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 45.1 | 85.1 |
| 98 | 37.5 | 17.2 | 57.2 |

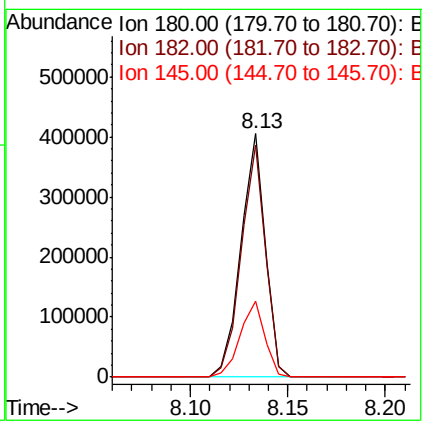


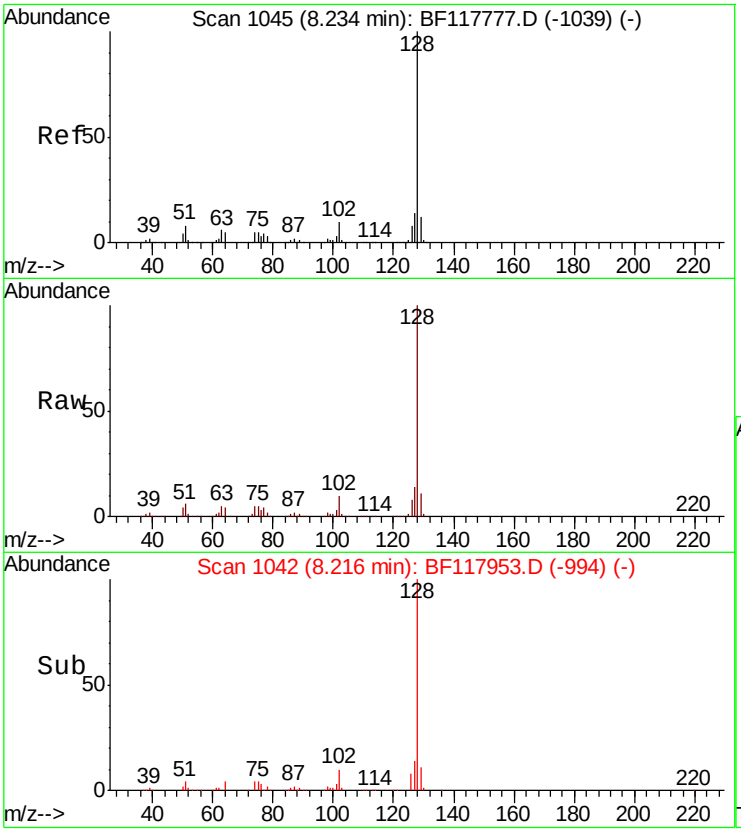




#30
1,2,4-Trichlorobenzene
Concen: 44.143 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:180 Resp: 350420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 75.8 | 113.6 |
| 145 | 31.2 | 25.5 | 38.3 |



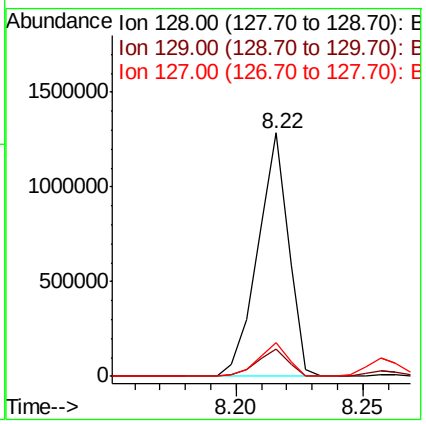


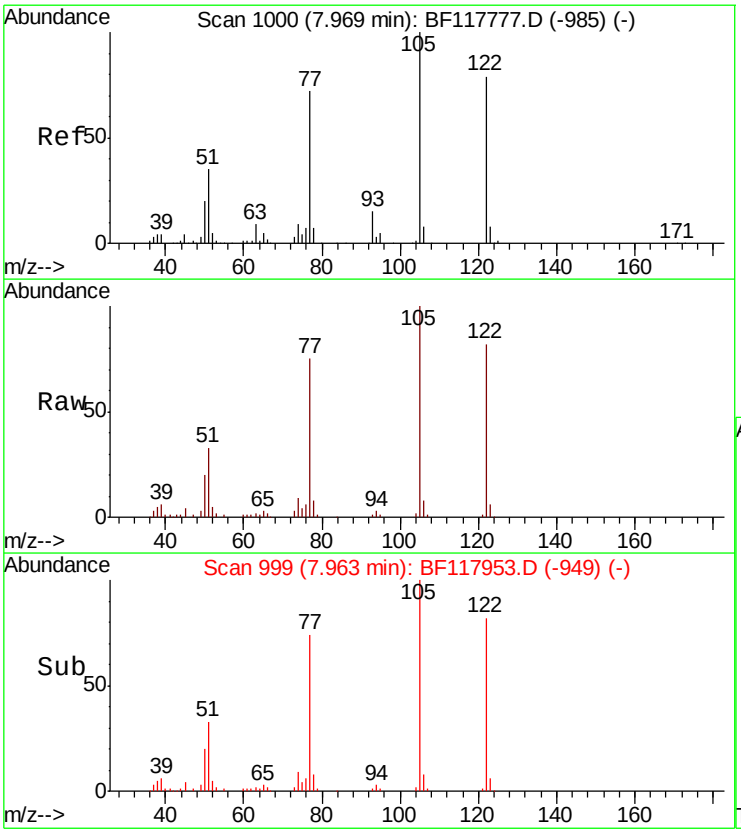

#31
Naphthalene
Concen: 48.818 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:128 Resp: 1093994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.5 | 14.3 |
| 127 | 13.7 | 11.3 | 16.9 |

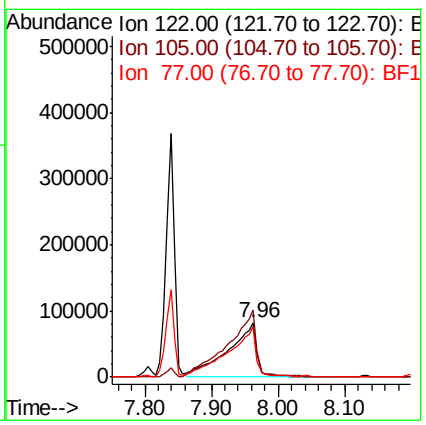


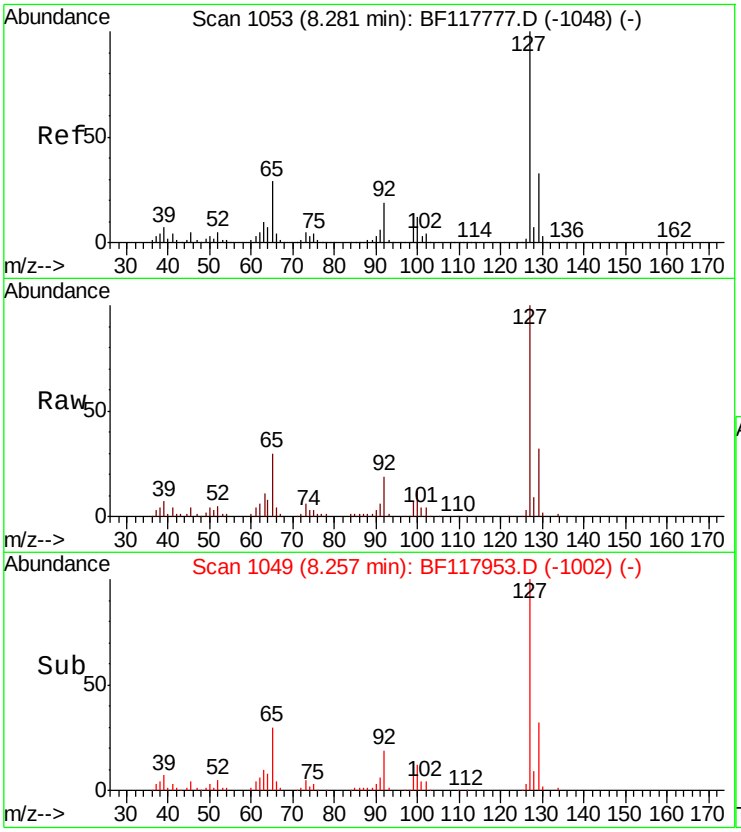




#32
Benzoic acid
Concen: 46.924 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:122 Resp: 247889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.2 | 102.7 | 142.7 |
| 77 | 91.3 | 70.5 | 110.5 |



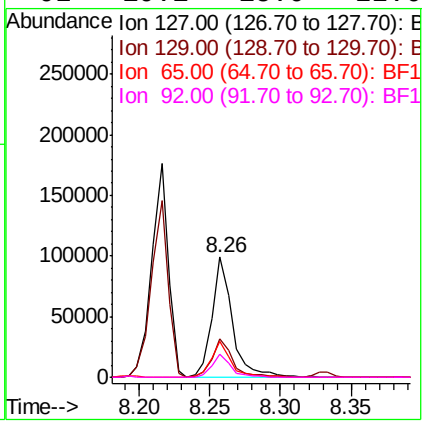


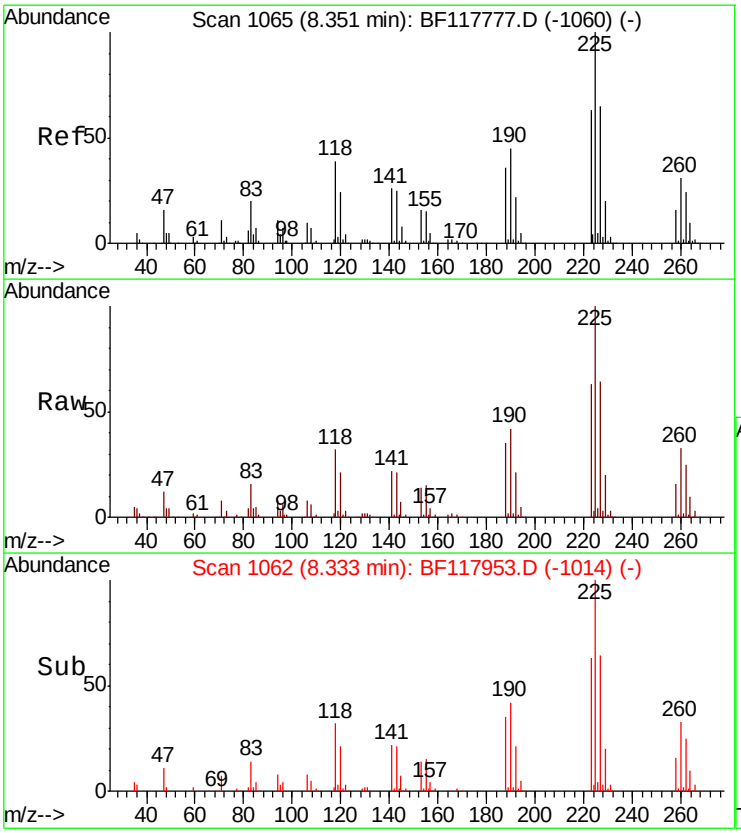

#33
4-Chloroaniline
Concen: 9.856 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:127 Resp: 98876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 26.5 | 39.7 |
| 65 | 29.6 | 22.9 | 34.3 |
| 92 | 19.1 | 15.0 | 22.6 |

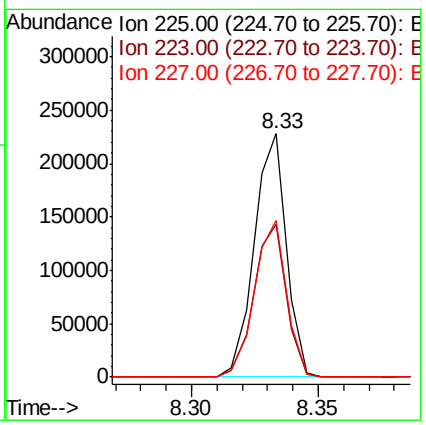


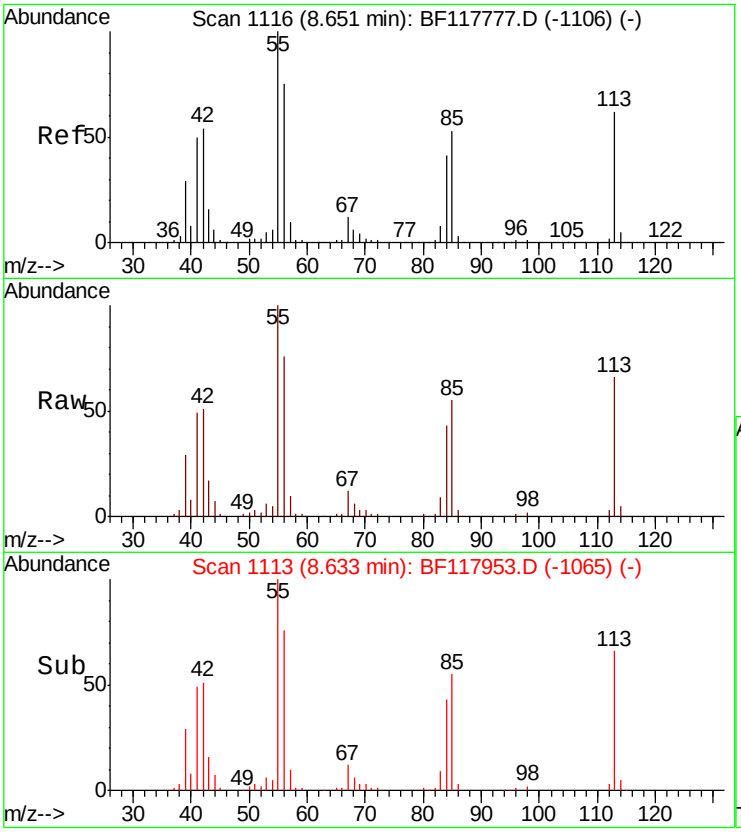




#34
Hexachlorobutadiene
Concen: 43.191 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:225 Resp: 200460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 50.0 | 75.0 |
| 227 | 64.4 | 51.8 | 77.6 |



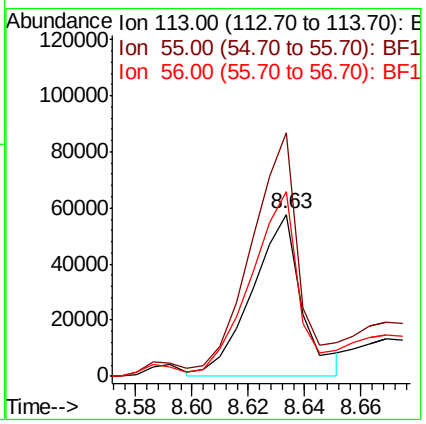


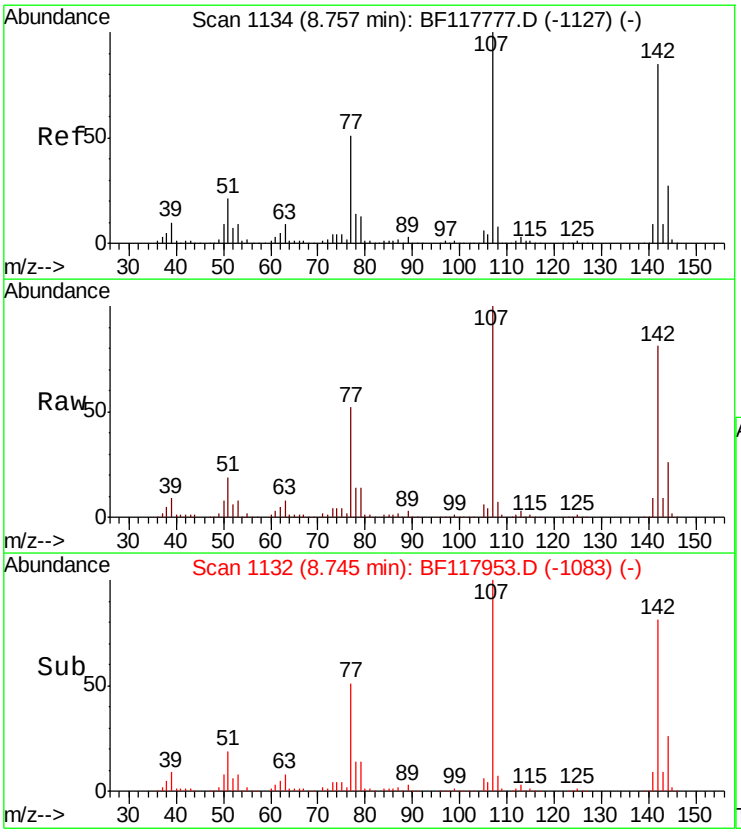

#35
Caprolactam
Concen: 32.477 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:113 Resp: 70640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 150.5 | 141.1 | 181.1 |
| 56 | 114.3 | 100.5 | 140.5 |

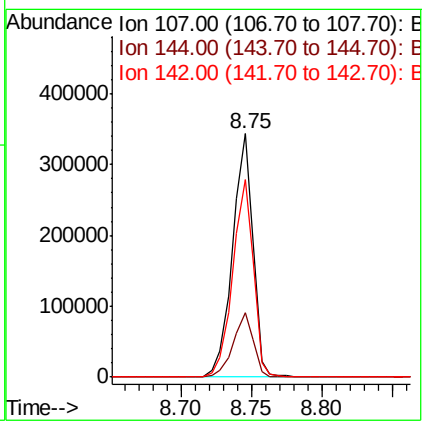


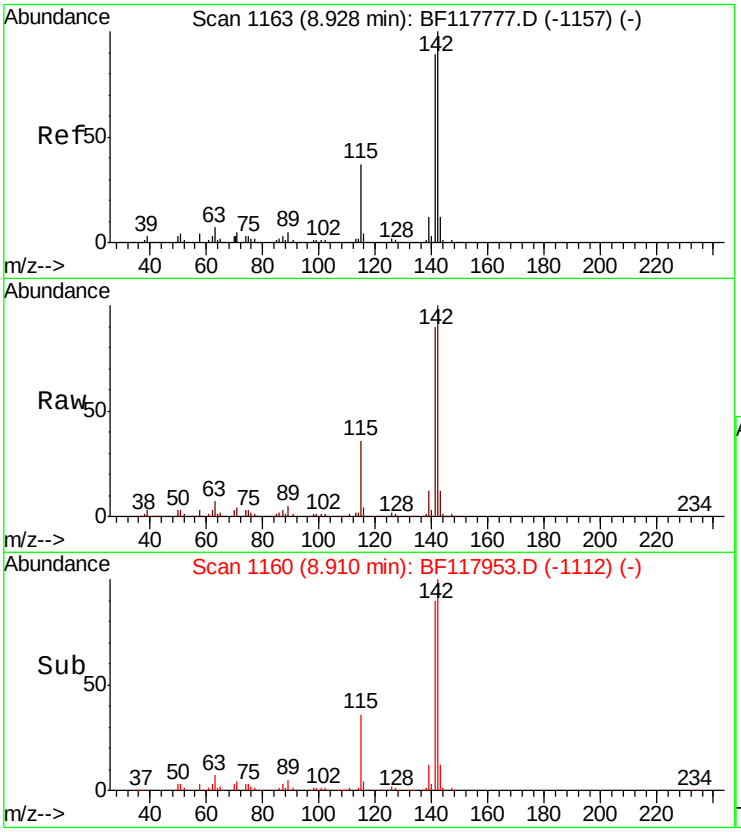




#36
4-Chloro-3-methylphenol
Concen: 50.162 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:107 Resp: 348402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.3 | 21.9 | 32.9 |
| 142 | 80.9 | 67.7 | 101.5 |



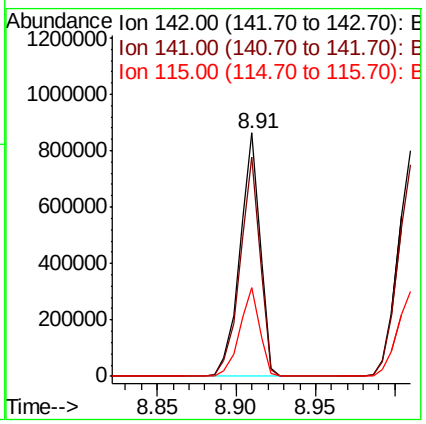


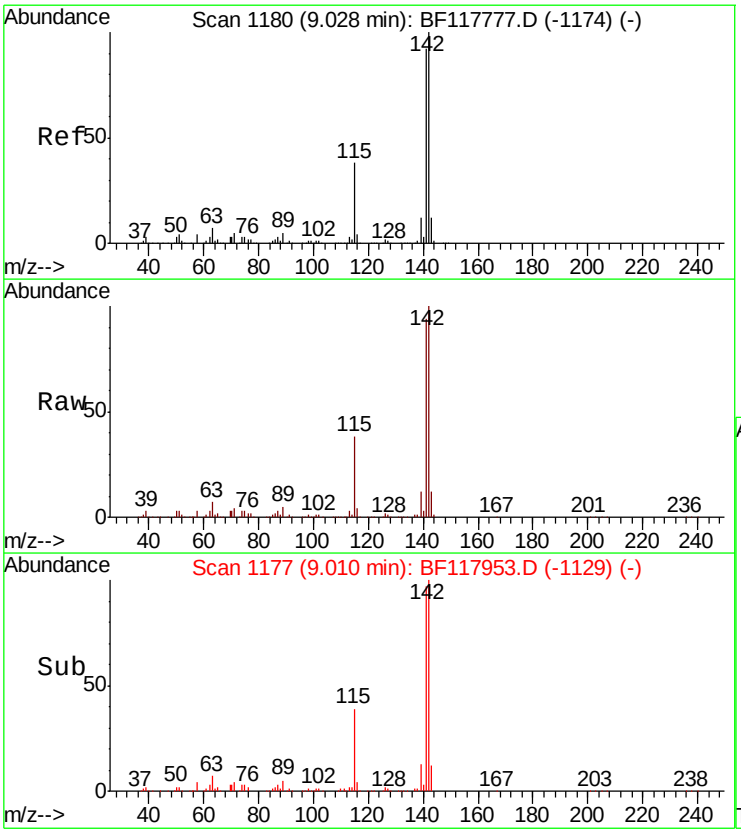

#37
2-Methylnaphthalene
Concen: 49.945 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:142 Resp: 756238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 71.1 | 106.7 |
| 115 | 36.4 | 29.2 | 43.8 |

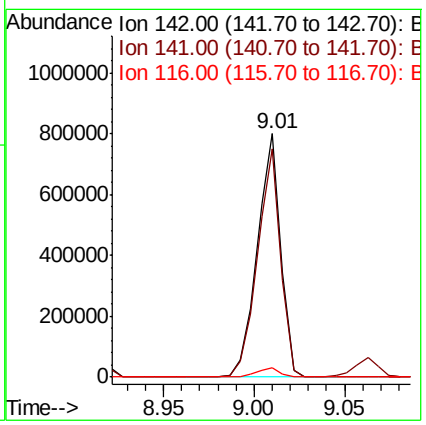


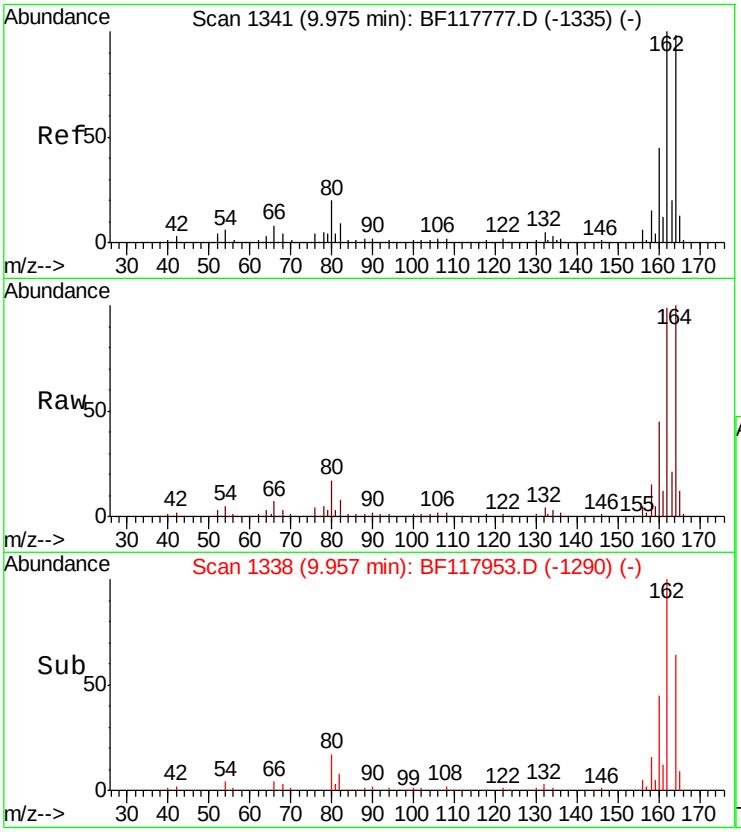




#38
1-Methylnaphthalene
Concen: 49.896 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:142 Resp: 714252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.7 | 73.5 | 110.3 |
| 116 | 3.8 | 3.2 | 4.8 |



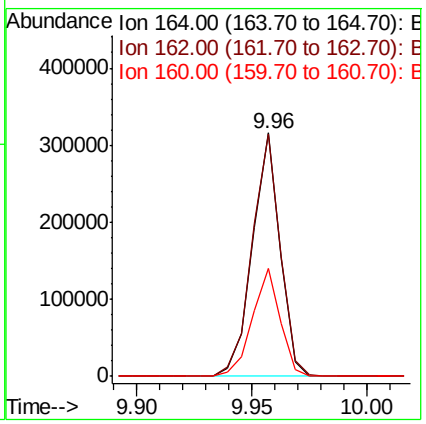


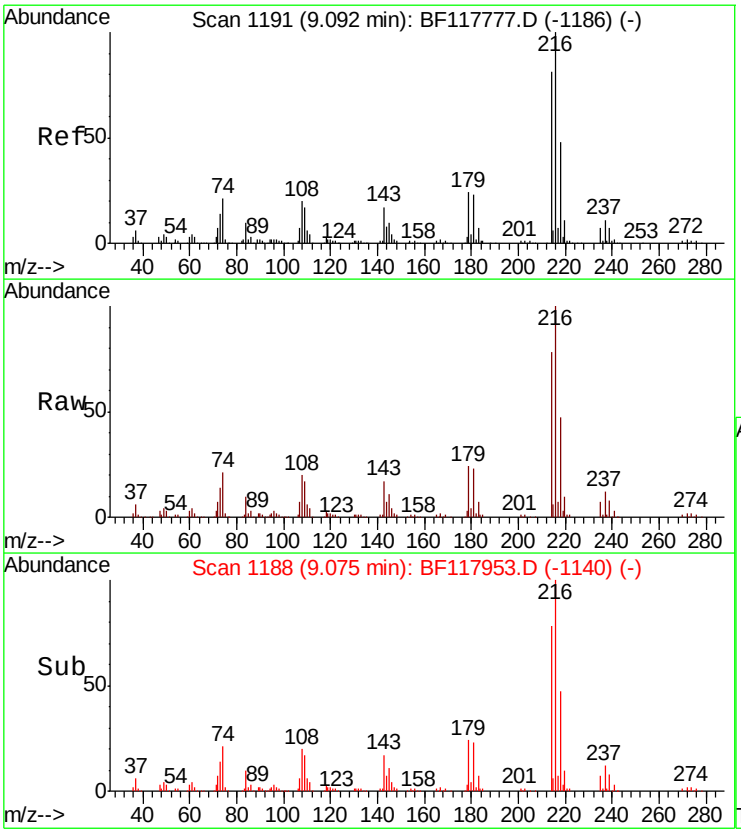

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:164 Resp: 265107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.3 | 81.3 | 121.9 |
| 160 | 44.6 | 36.6 | 55.0 |

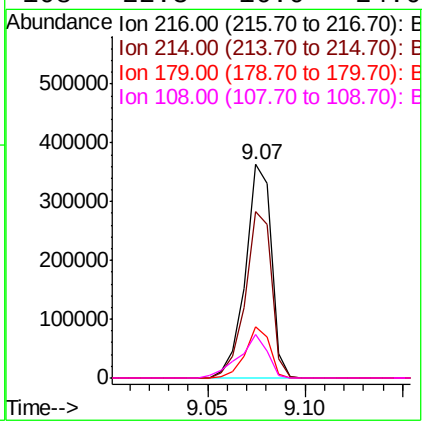


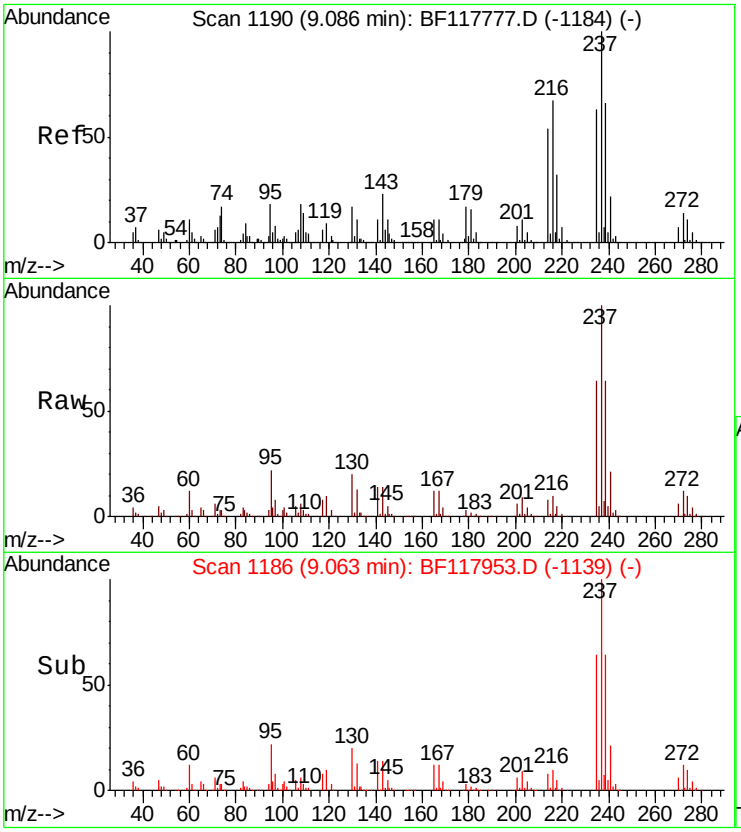




#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.541 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:216 Resp: 335218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 63.4 | 95.0 |
| 179 | 22.8 | 18.2 | 27.4 |
| 108 | 22.3 | 16.0 | 24.0 |



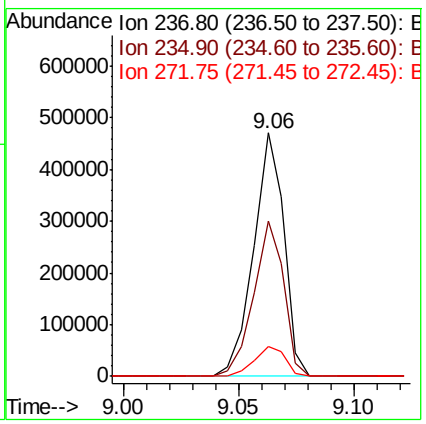


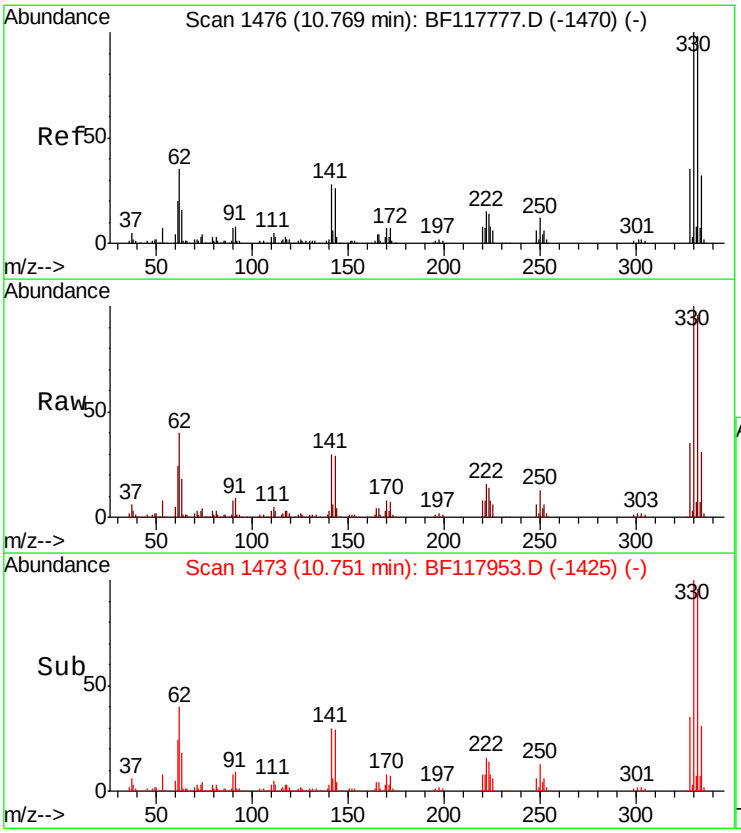

#41
Hexachlorocyclopentadiene
Concen: 100.213 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:237 Resp: 432369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 42.6 | 82.6 |
| 272 | 12.5 | 0.0 | 34.3 |

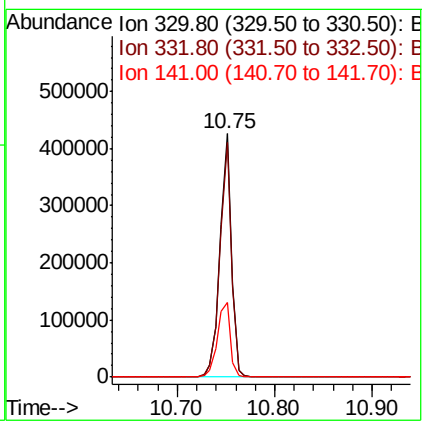


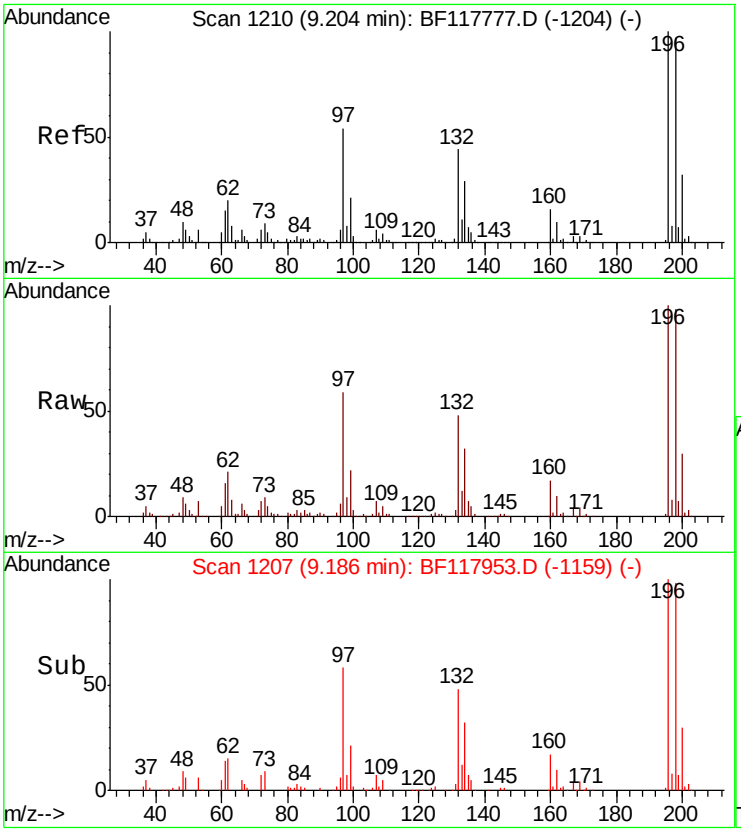




#42
2,4,6-Tribromophenol
Concen: 125.243 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:330 Resp: 351515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.7 | 115.1 |
| 141 | 34.2 | 27.7 | 41.5 |



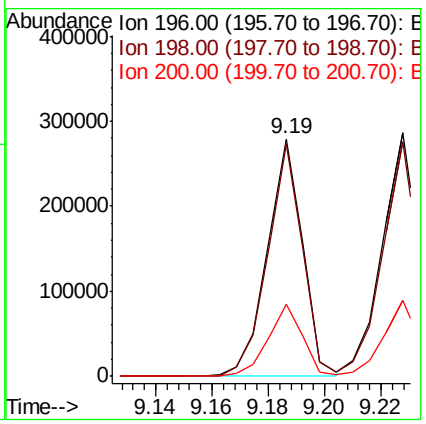


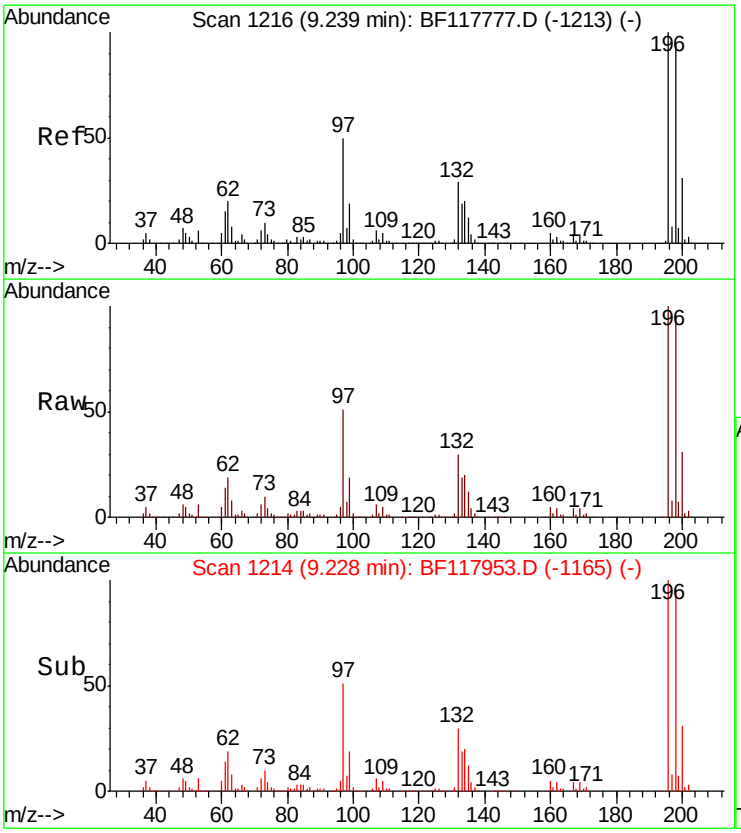

#43
2,4,6-Trichlorophenol
Concen: 43.836 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:196 Resp: 241732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 77.8 | 116.6 |
| 200 | 30.4 | 25.4 | 38.0 |

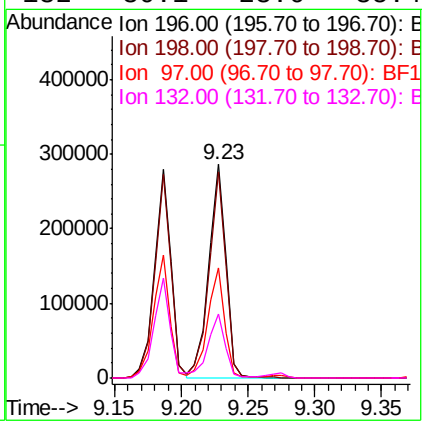


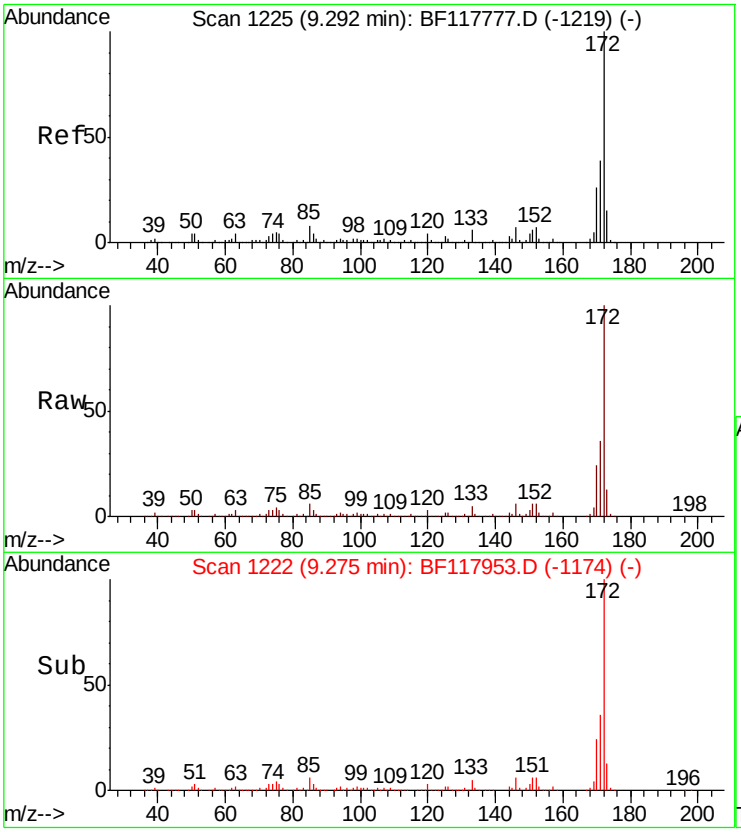




#44
2,4,5-Trichlorophenol
Concen: 45.689 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:196 Resp: 261592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 76.3 | 114.5 |
| 97 | 51.4 | 40.0 | 60.0 |
| 132 | 30.1 | 23.6 | 35.4 |



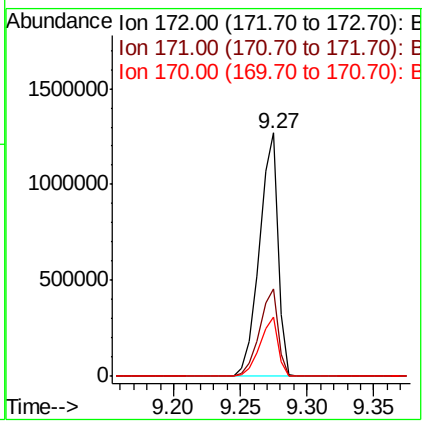


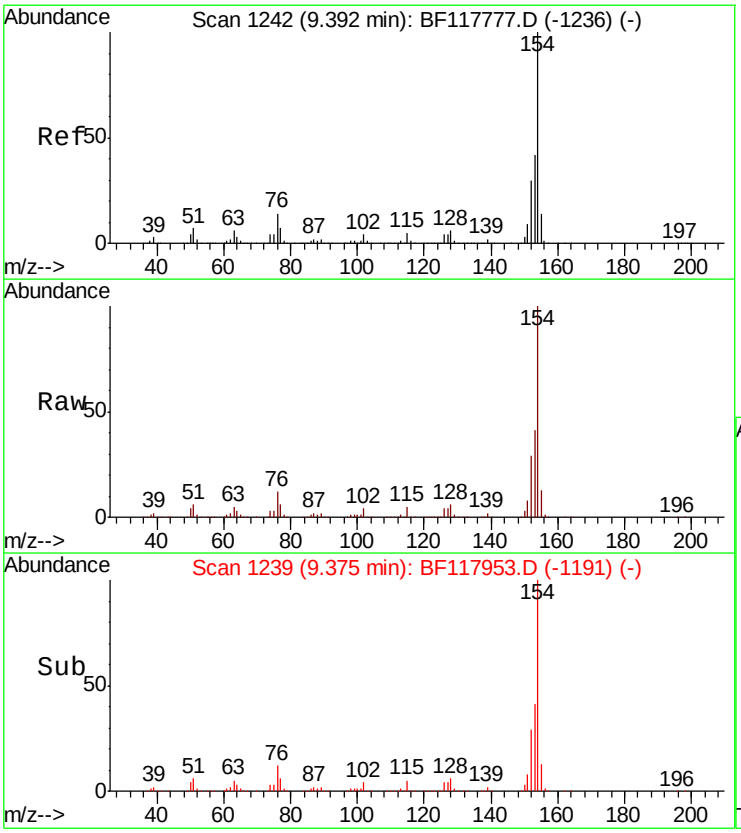

#45
2-Fluorobiphenyl
Concen: 81.825 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:172 Resp: 1209143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 30.9 | 46.3 |
| 170 | 24.2 | 21.0 | 31.4 |

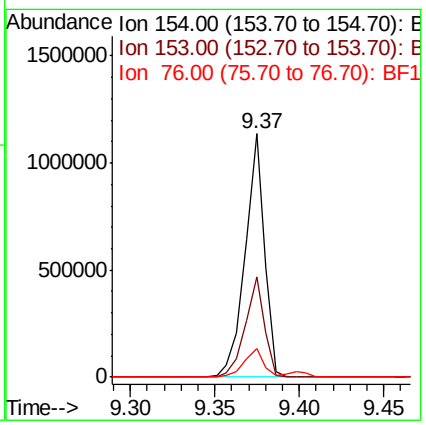


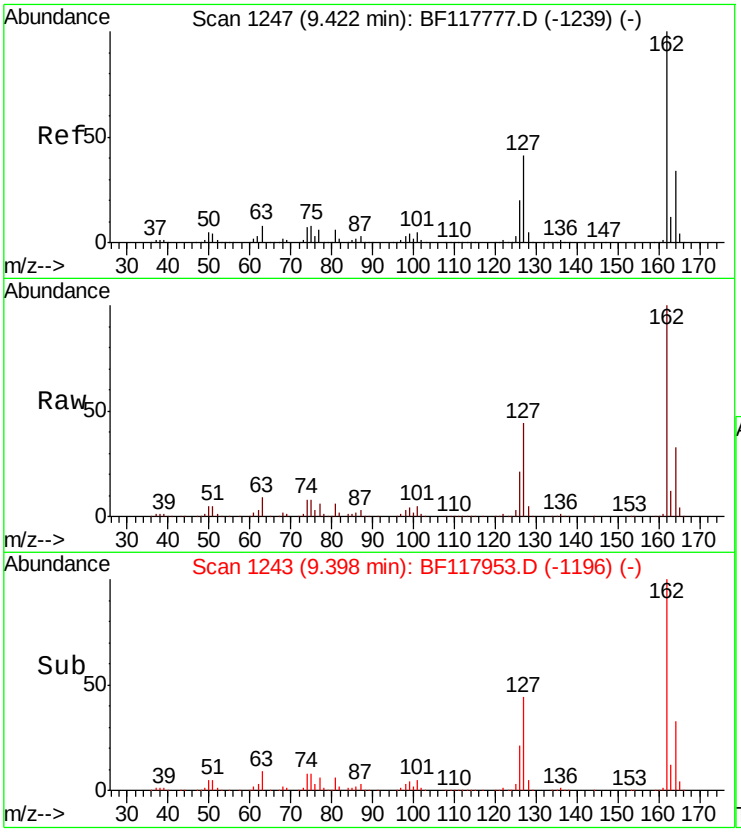




#46
1,1'-Biphenyl
Concen: 46.339 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:154 Resp: 911422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 21.9 | 61.9 |
| 76 | 11.8 | 0.0 | 33.6 |



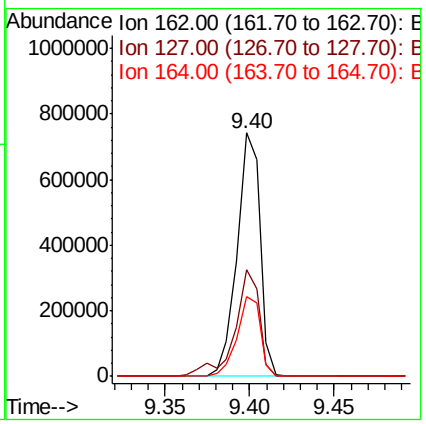


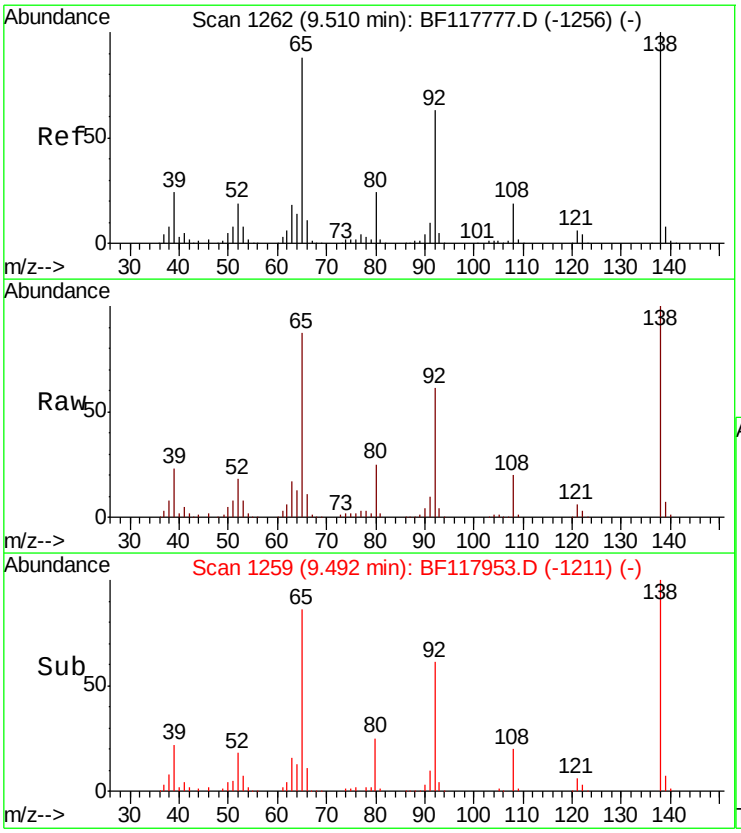

#47
2-Chloronaphthalene
Concen: 43.480 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:162 Resp: 703518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 44.0 | 33.2 | 49.8 |
| 164 | 32.7 | 27.3 | 40.9 |

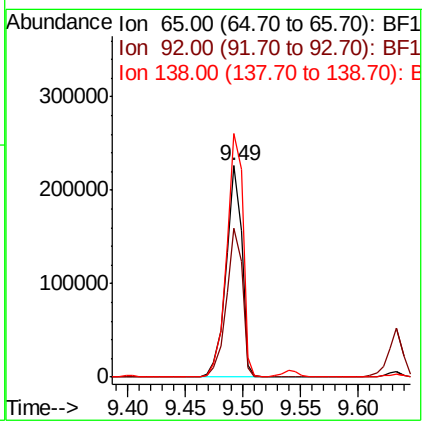


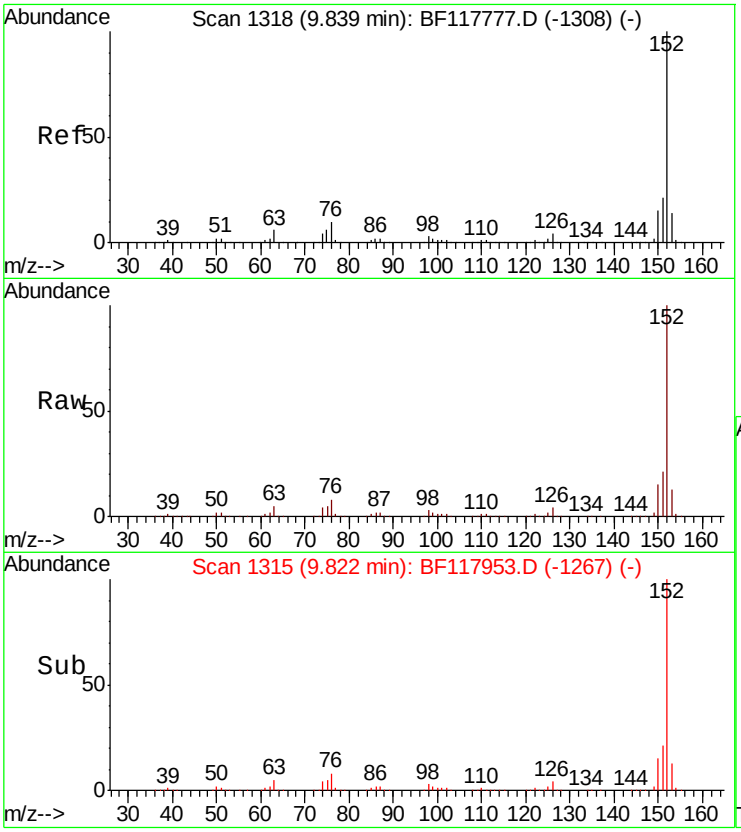




#48
2-Nitroaniline
Concen: 43.653 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion: 65 Resp: 213239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.6 | 56.6 | 84.8 |
| 138 | 115.4 | 90.5 | 135.7 |



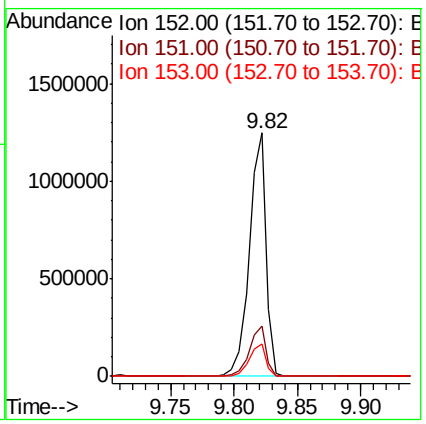


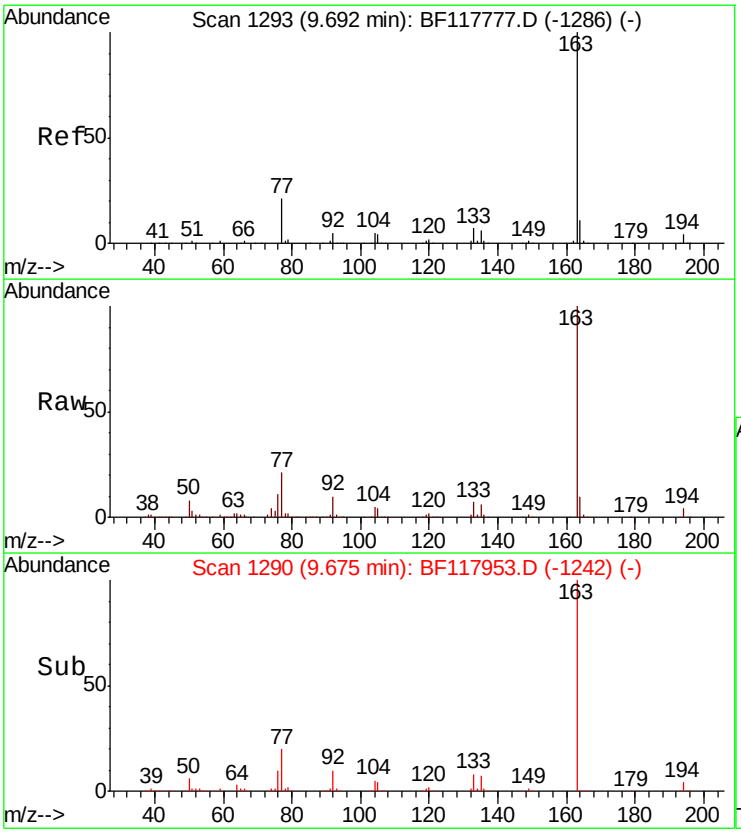

#49
Acenaphthylene
Concen: 48.554 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:152 Resp: 1145391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 17.0 | 25.6 |
| 153 | 13.1 | 11.0 | 16.6 |

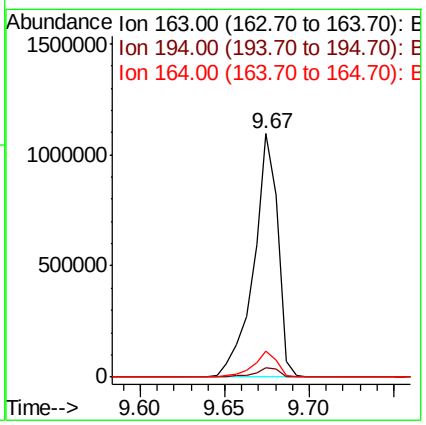


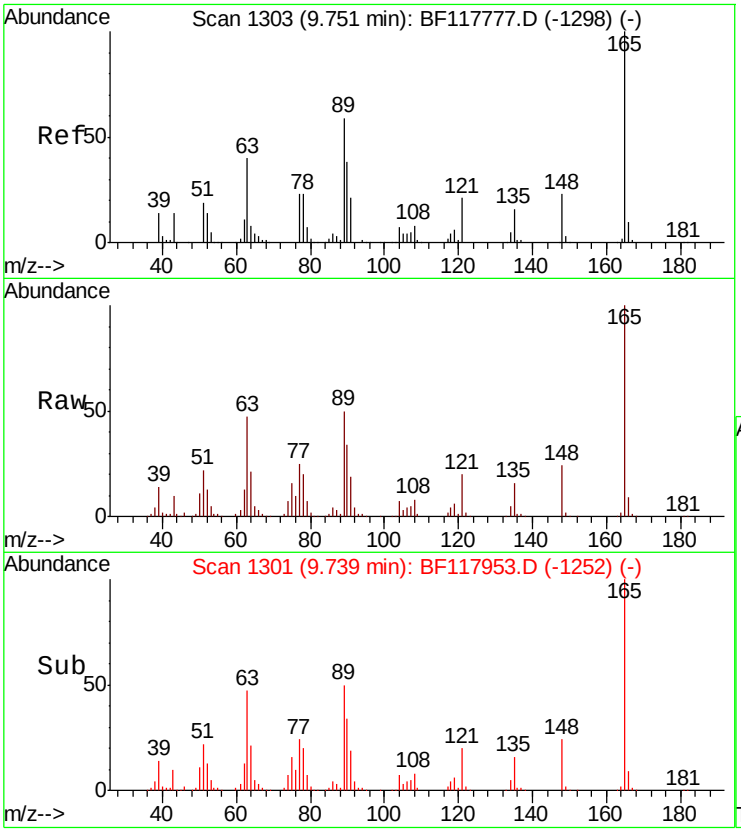




#50
Dimethylphthalate
Concen: 58.398 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:163 Resp: 1085644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.3 | 4.9 |
| 164 | 10.5 | 8.7 | 13.1 |



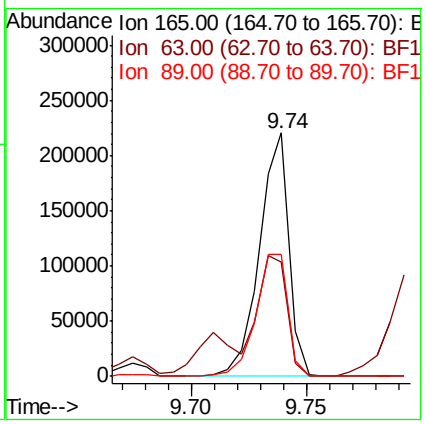


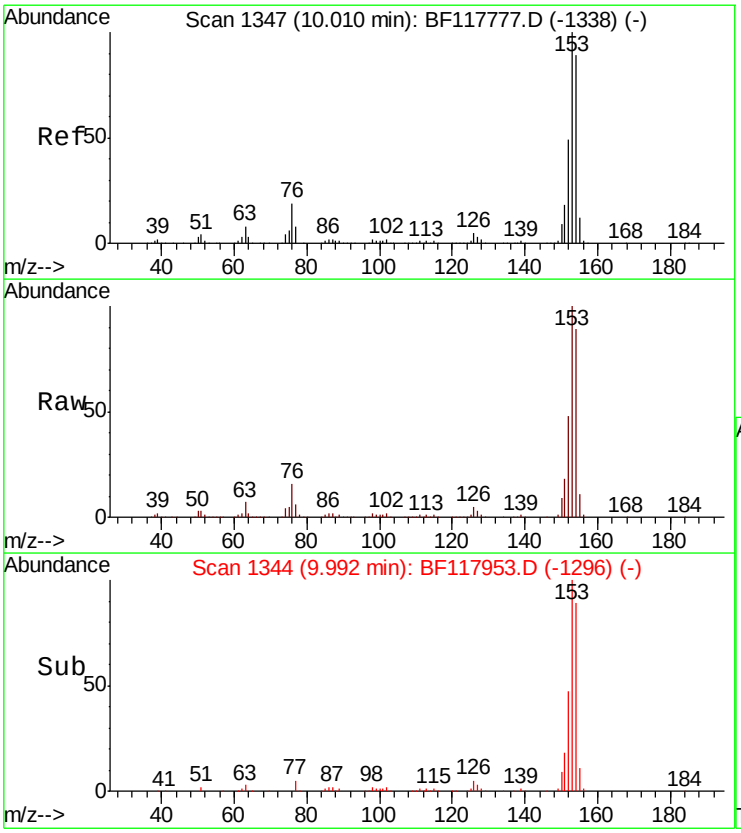

#51
2,6-Dinitrotoluene
Concen: 48.092 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:165 Resp: 195397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.8 | 46.0 | 69.0 |
| 89 | 49.9 | 47.7 | 71.5 |

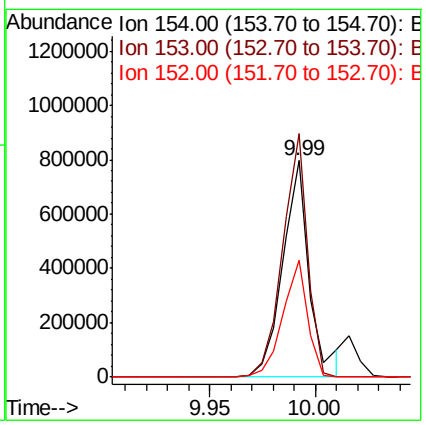


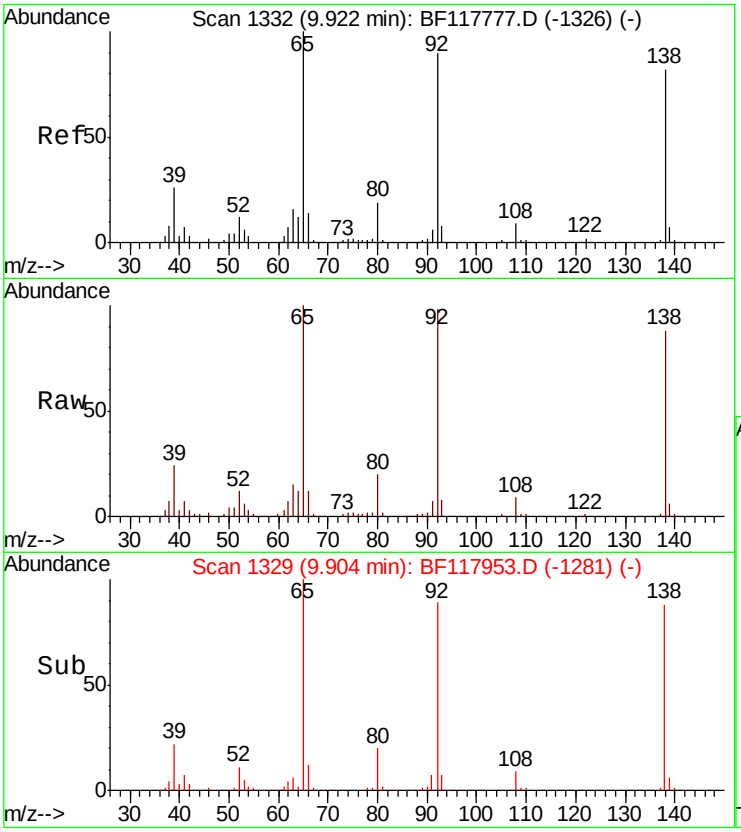




#52
Acenaphthene
Concen: 46.575 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:154 Resp: 703826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.5 | 90.1 | 135.1 |
| 152 | 53.8 | 44.0 | 66.0 |



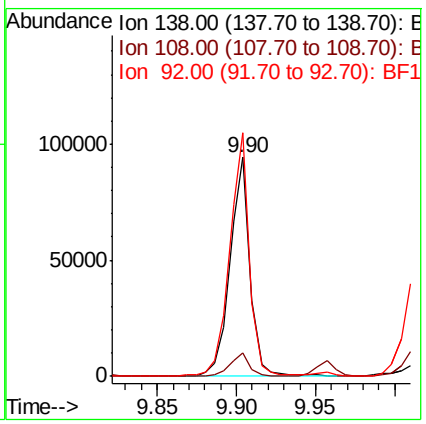


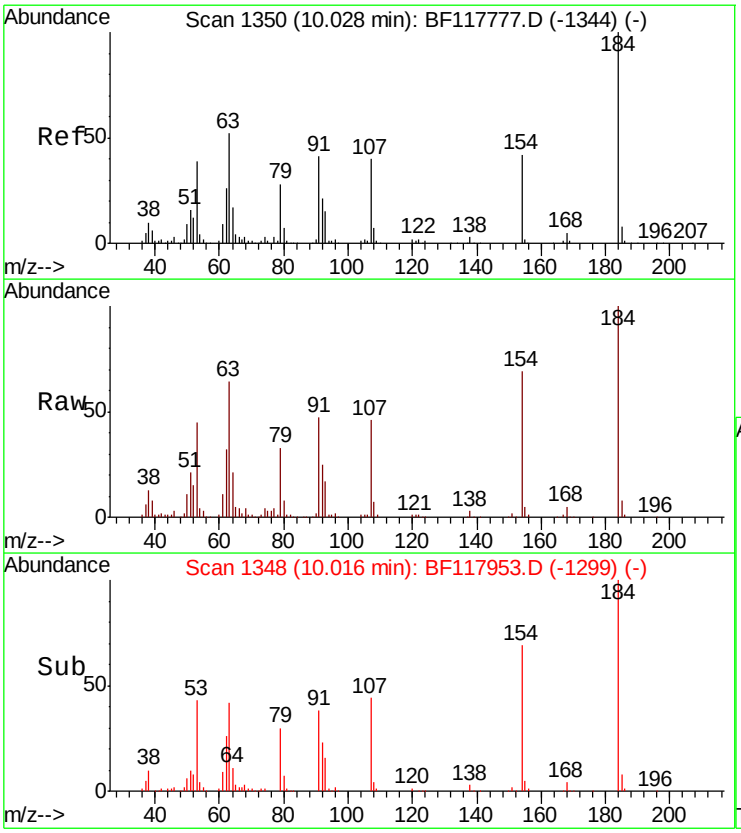

#53
3-Nitroaniline
Concen: 16.941 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:138 Resp: 82360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.6 | 12.8 |
| 92 | 111.2 | 87.9 | 131.9 |

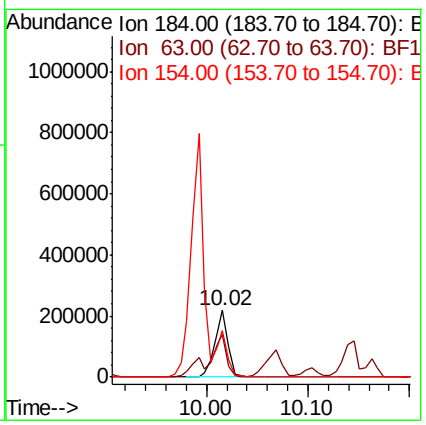


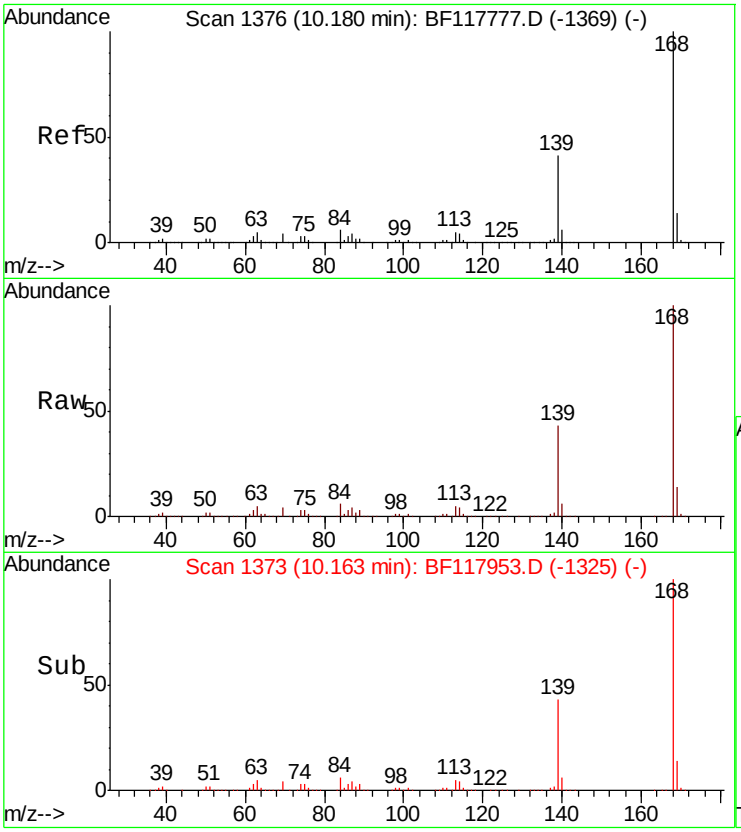




#54
2,4-Dinitrophenol
Concen: 93.485 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:184 Resp: 197957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.0 | 43.0 | 64.6 |
| 154 | 69.0 | 48.0 | 72.0 |



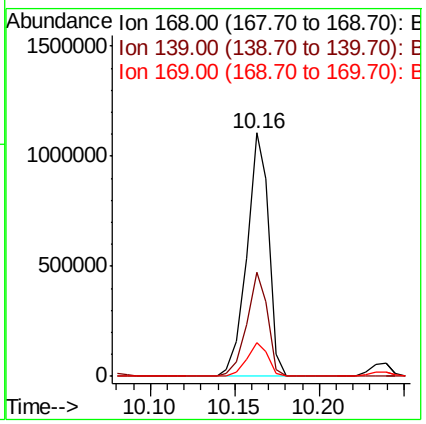


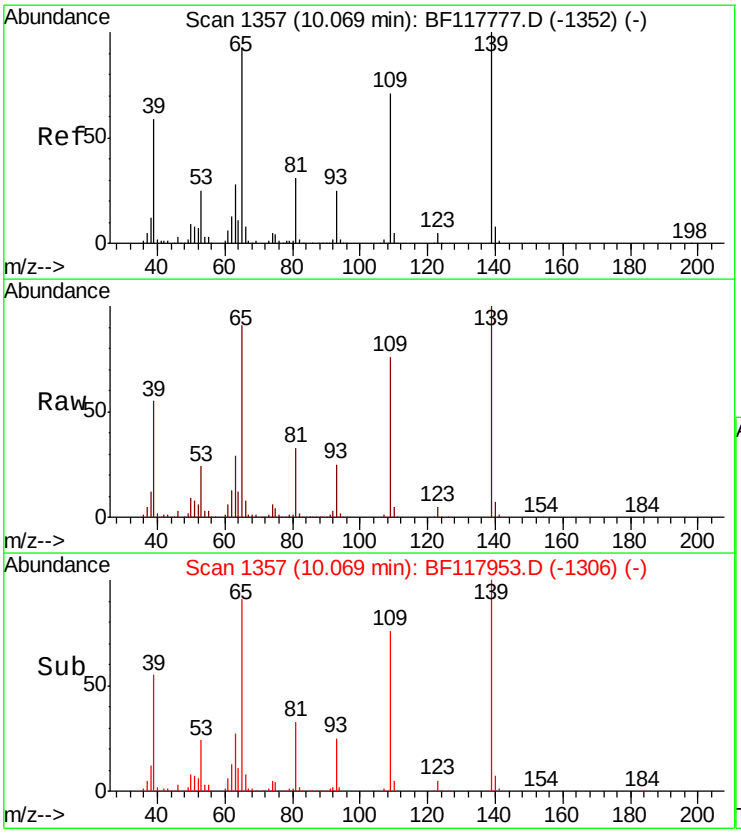

#55
Dibenzofuran
Concen: 47.836 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:168 Resp: 1001023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.6 | 33.0 | 49.6 |
| 169 | 13.8 | 11.5 | 17.3 |

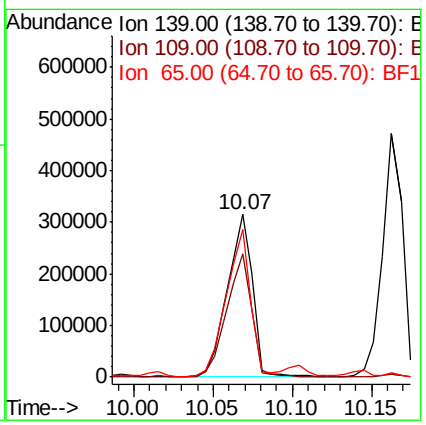


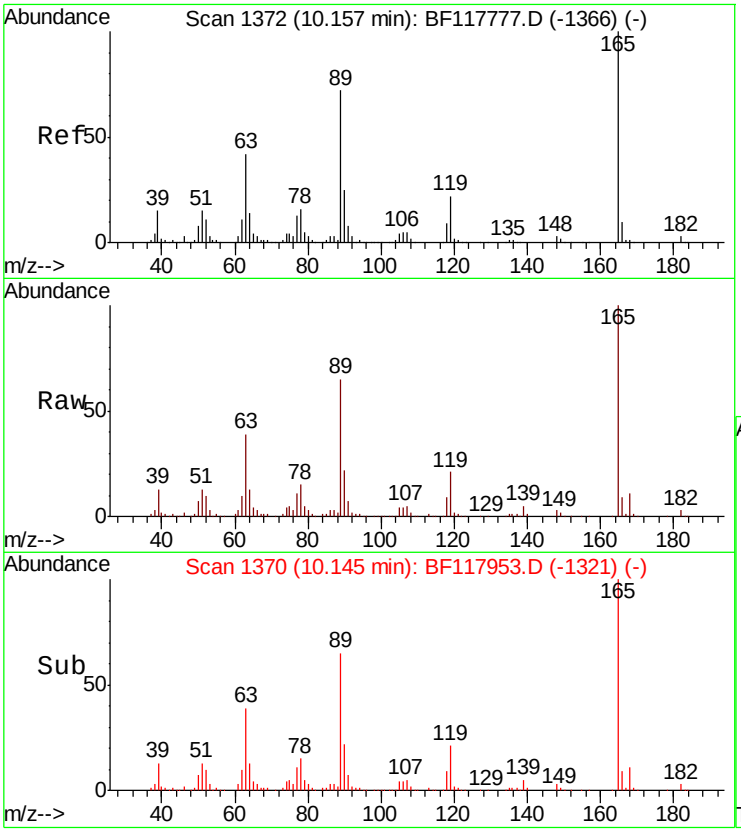




#56
4-Nitrophenol
Concen: 95.842 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:139 Resp: 347804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 76.1 | 50.8 | 90.8 |
| 65 | 91.0 | 73.6 | 113.6 |



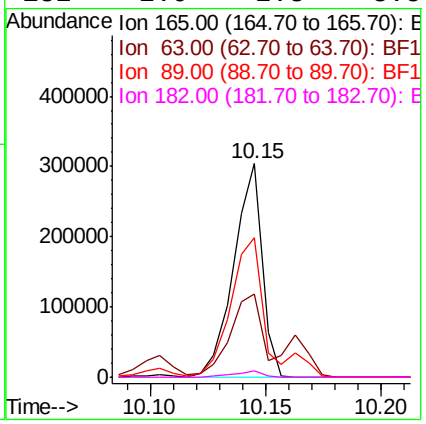


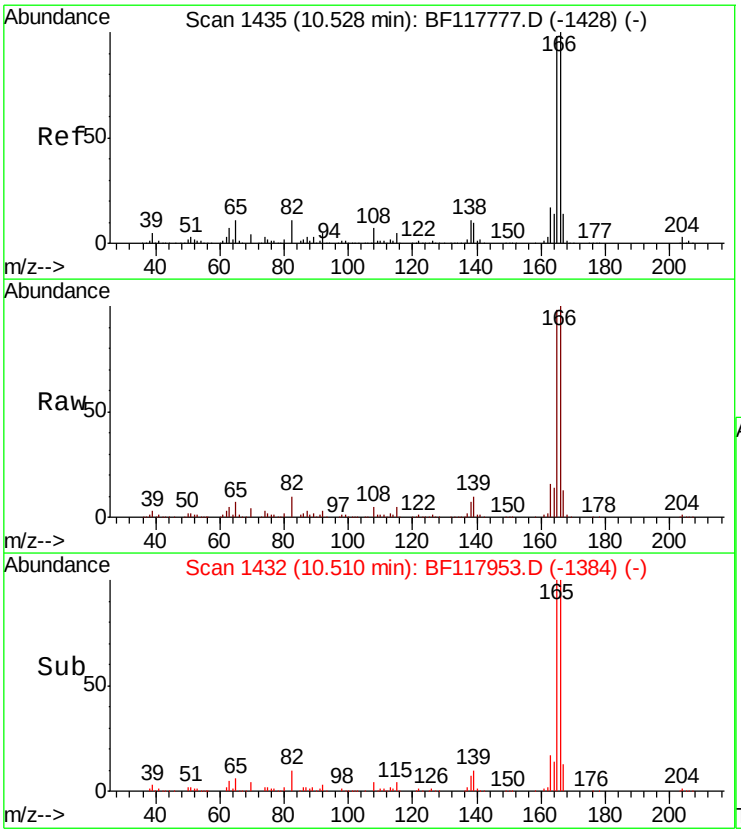

#57
2,4-Dinitrotoluene
Concen: 50.898 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:165 Resp: 263062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.1 | 33.7 | 50.5 |
| 89 | 65.4 | 57.3 | 85.9 |
| 182 | 2.9 | 2.3 | 3.5 |

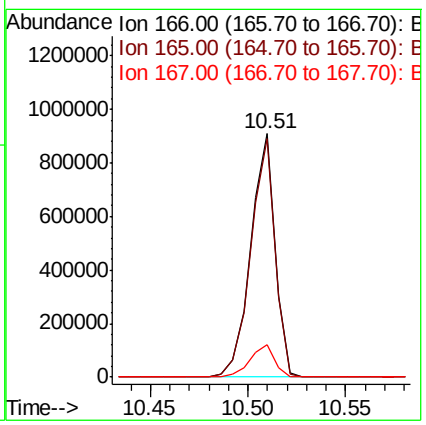


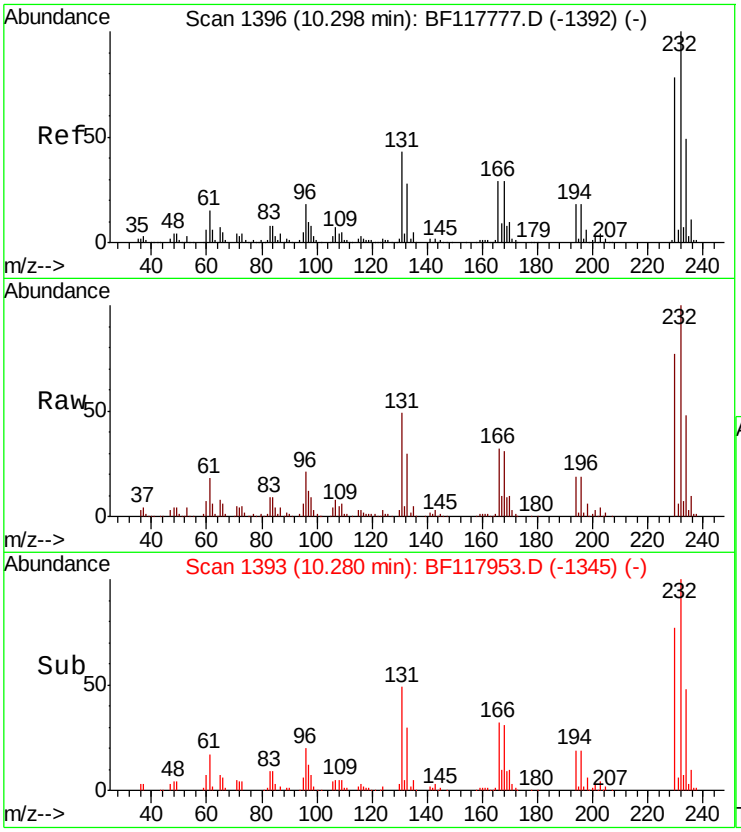




#58
Fluorene
Concen: 48.419 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:166 Resp: 785174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 78.4 | 117.6 |
| 167 | 13.2 | 11.0 | 16.4 |



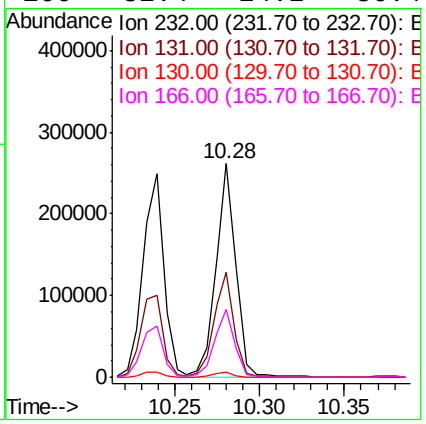


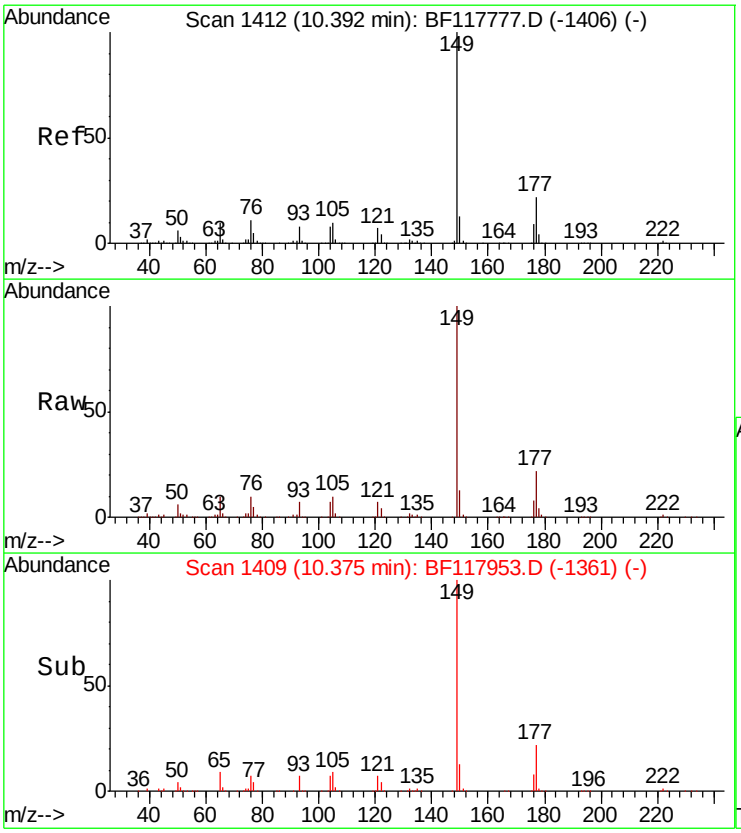

#59
2,3,4,6-Tetrachlorophenol
Concen: 45.723 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:232 Resp: 215097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.5 | 37.6 | 56.4 |
| 130 | 2.6 | 1.9 | 2.9 |
| 166 | 32.4 | 24.2 | 36.4 |

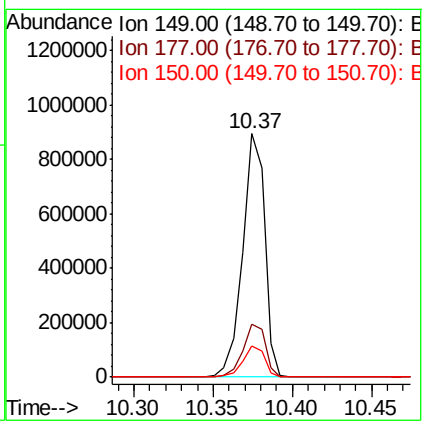


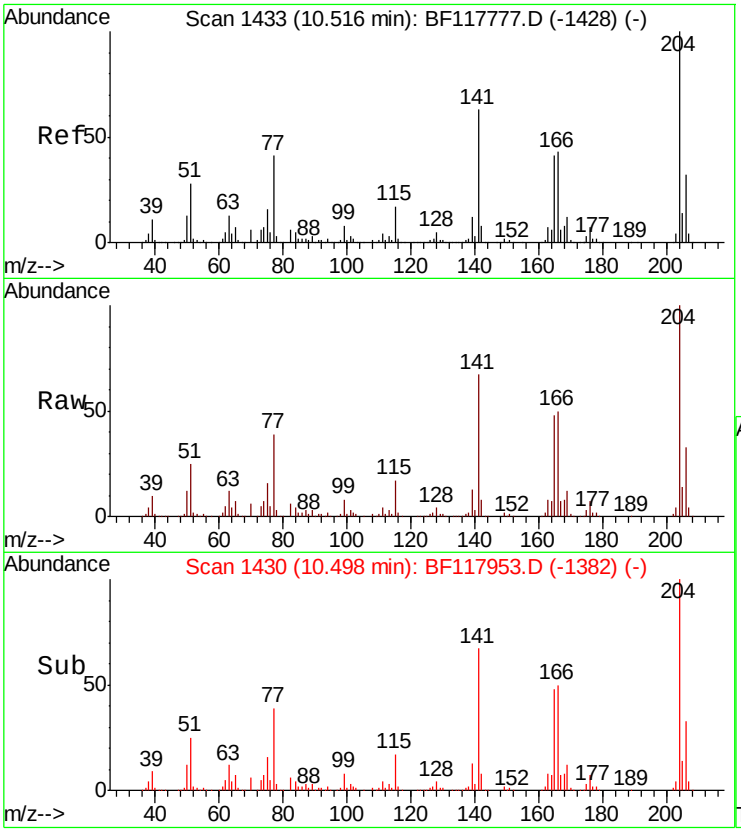




#60
Diethylphthalate
Concen: 47.535 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:149 Resp: 861540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.5 | 18.0 | 27.0 |
| 150 | 12.7 | 10.5 | 15.7 |



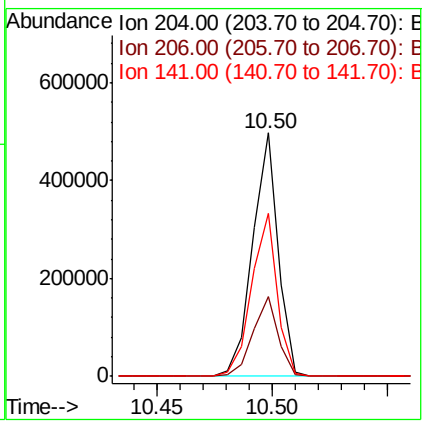


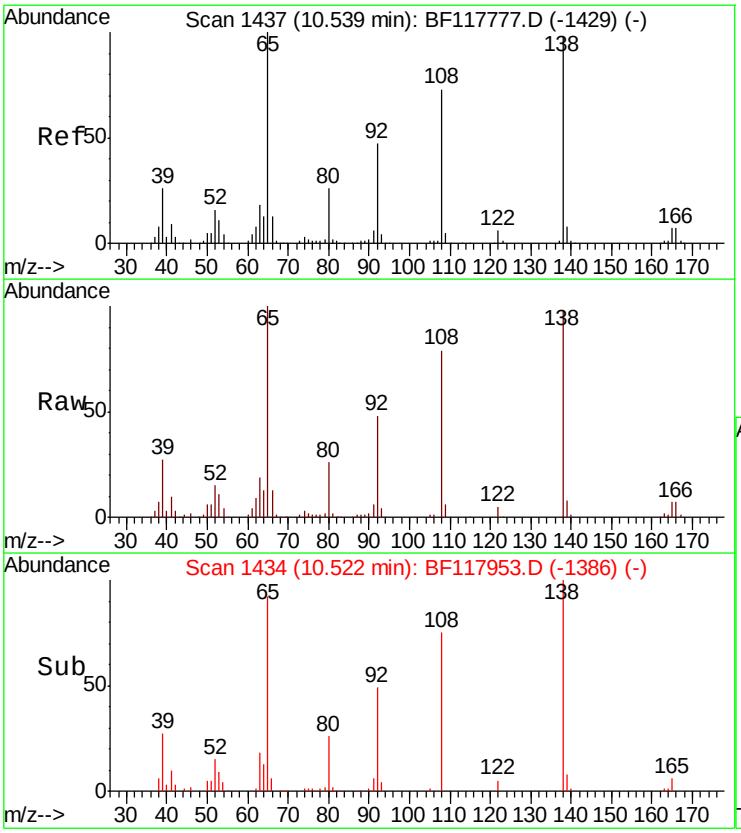

#61
4-Chlorophenyl-phenylether
Concen: 46.671 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:204 Resp: 384080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 25.6 | 38.4 |
| 141 | 67.1 | 50.7 | 76.1 |

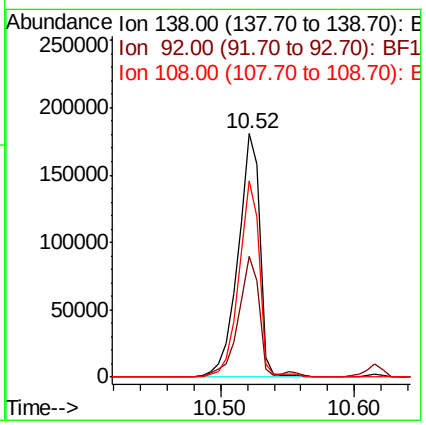


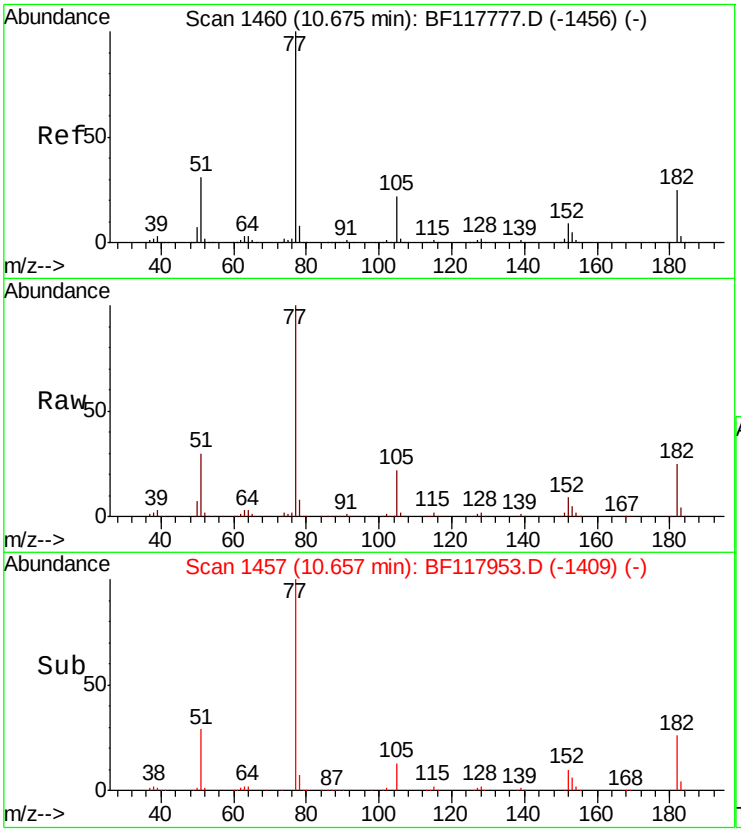




#62
4-Nitroaniline
Concen: 42.118 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:138 Resp: 205021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.5 | 28.3 | 68.3 |
| 108 | 80.6 | 54.3 | 94.3 |



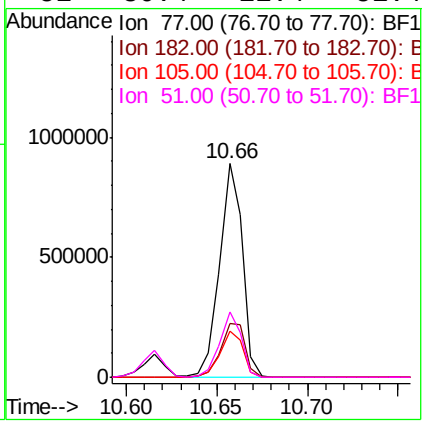


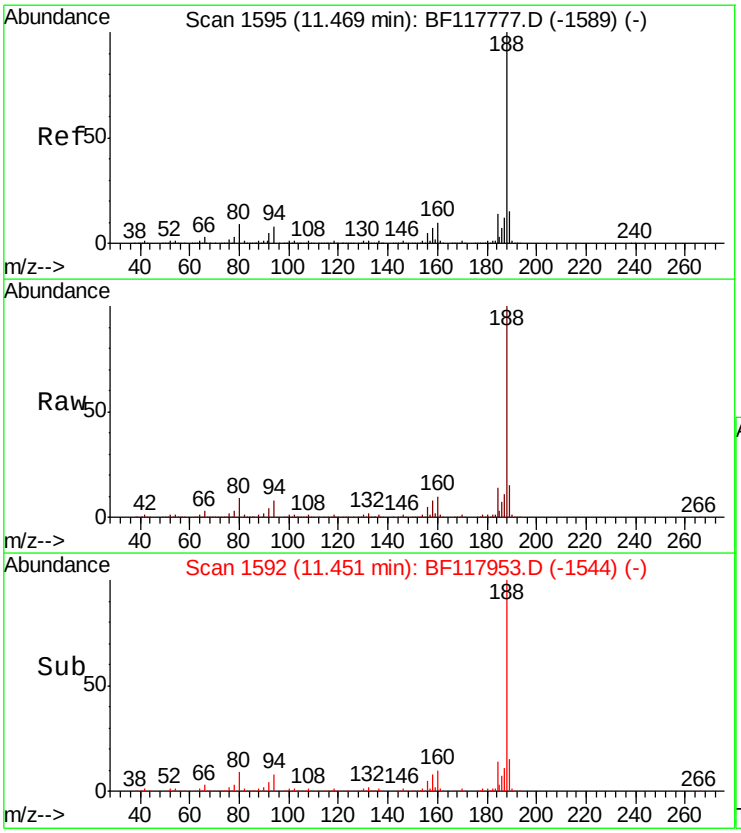

#63
Azobenzene
Concen: 47.142 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion: 77 Resp: 777319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.2 | 4.8 | 44.8 |
| 105 | 21.6 | 2.1 | 42.1 |
| 51 | 30.4 | 11.4 | 51.4 |

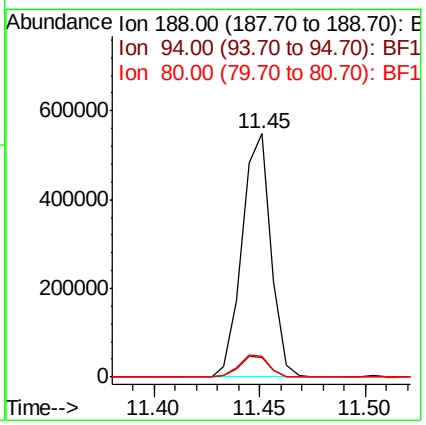


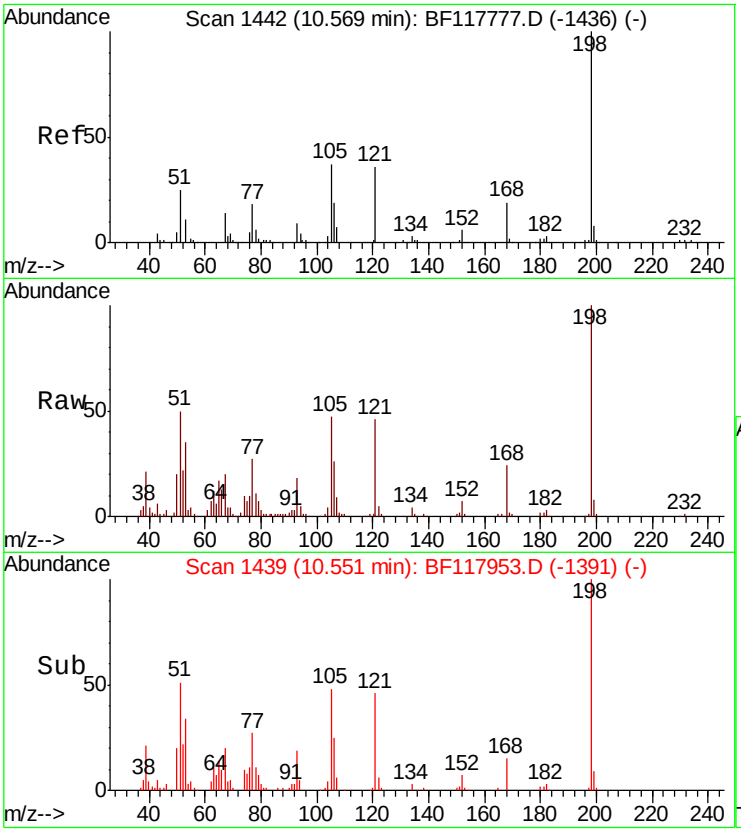




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:188 Resp: 520091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.6 | 10.0 |
| 80 | 8.6 | 7.2 | 10.8 |



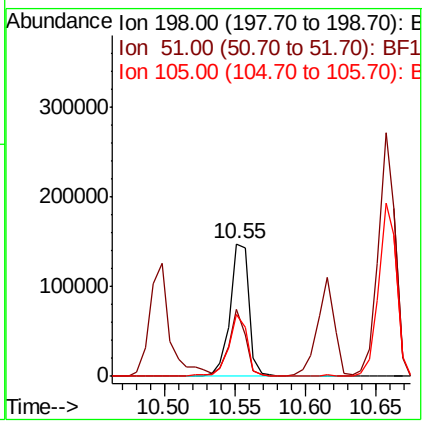


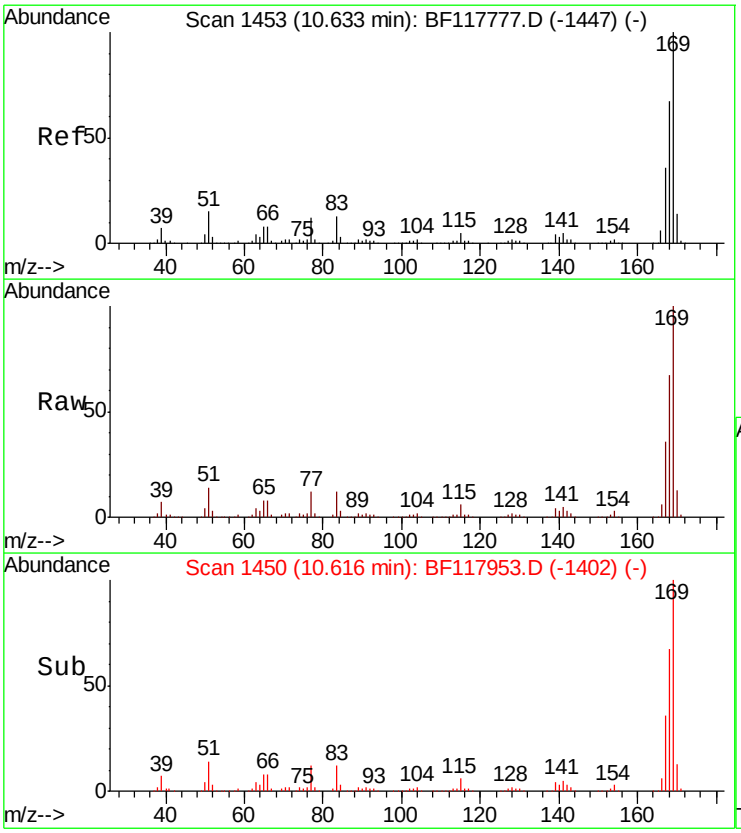

#65
4,6-Dinitro-2-methylphenol
Concen: 57.417 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:198 Resp: 139407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 50.3 | 16.0 | 56.0 |
| 105 | 47.0 | 19.1 | 59.1 |

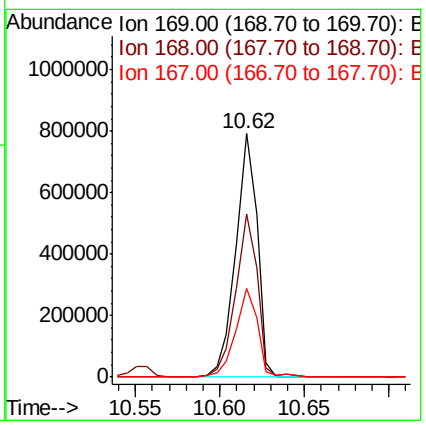


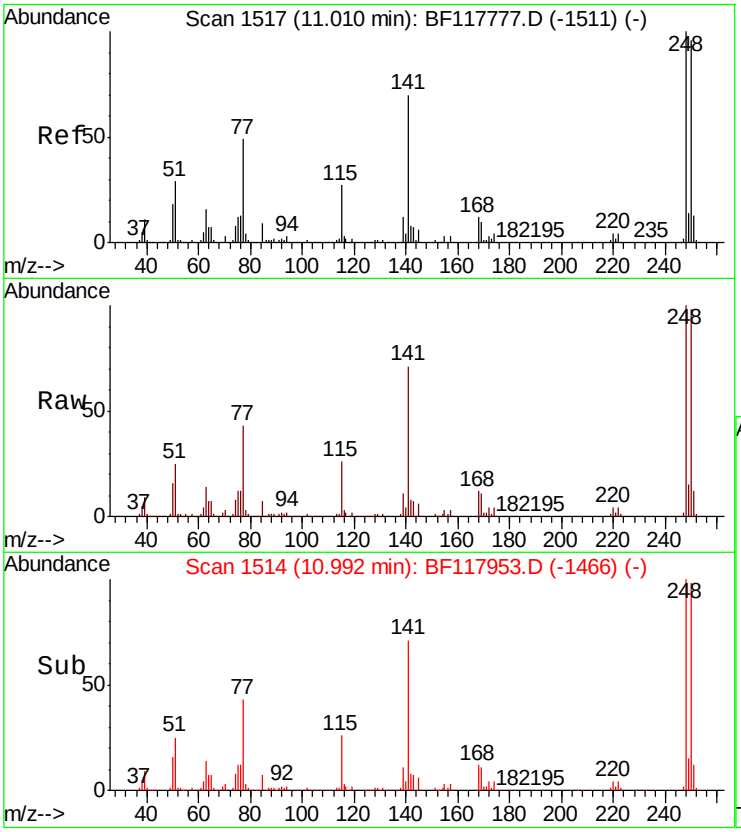




#66
n-Nitrosodiphenylamine
Concen: 46.288 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:169 Resp: 700628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.2 | 53.5 | 80.3 |
| 167 | 36.5 | 29.0 | 43.4 |



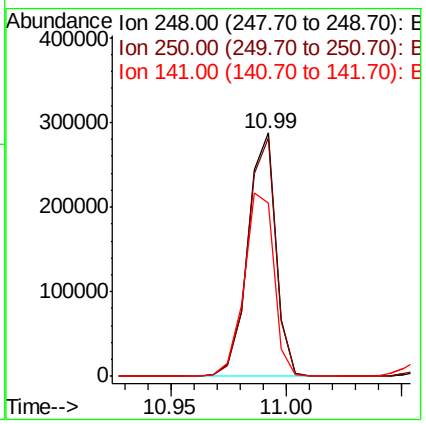


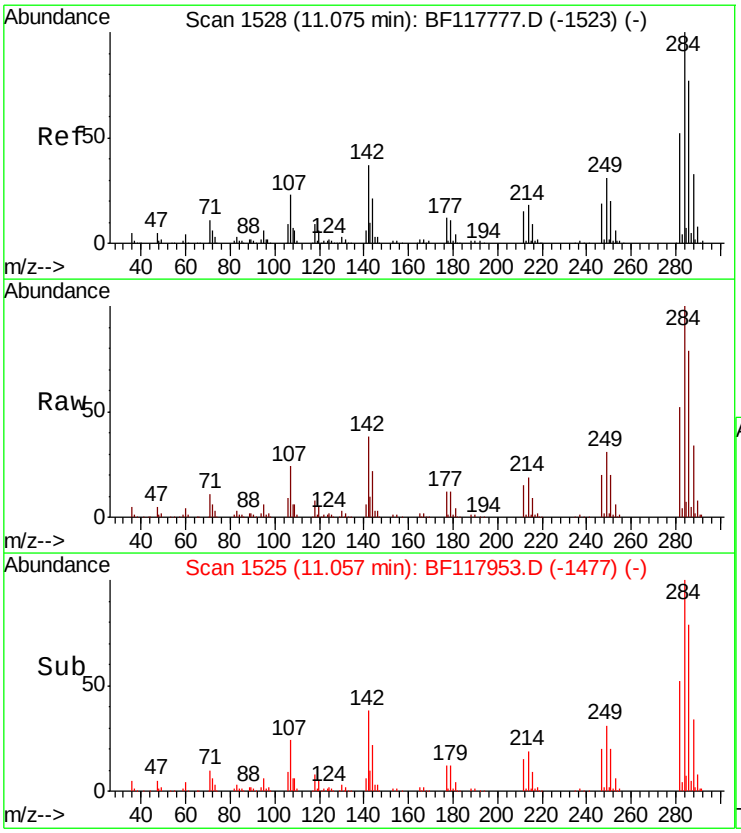

#67
4-Bromophenyl-phenylether
Concen: 43.782 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:248 Resp: 245692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.1 | 76.6 | 115.0 |
| 141 | 71.4 | 55.9 | 83.9 |

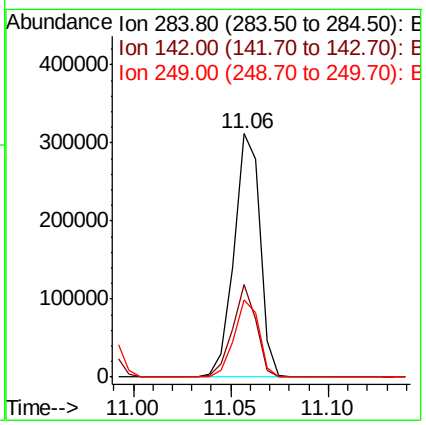


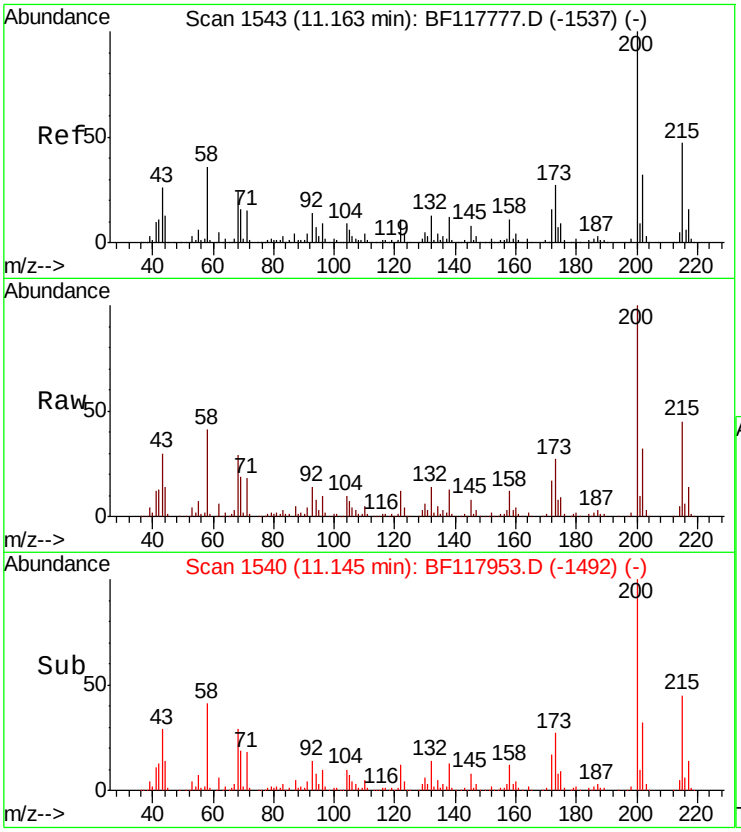




#68
Hexachlorobenzene
Concen: 44.050 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:284 Resp: 288245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 37.9 | 29.4 | 44.2 |
| 249 | 31.5 | 24.6 | 37.0 |



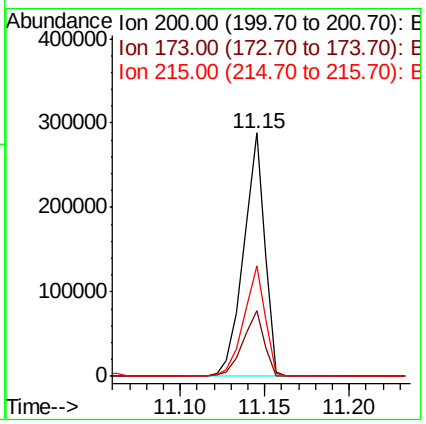


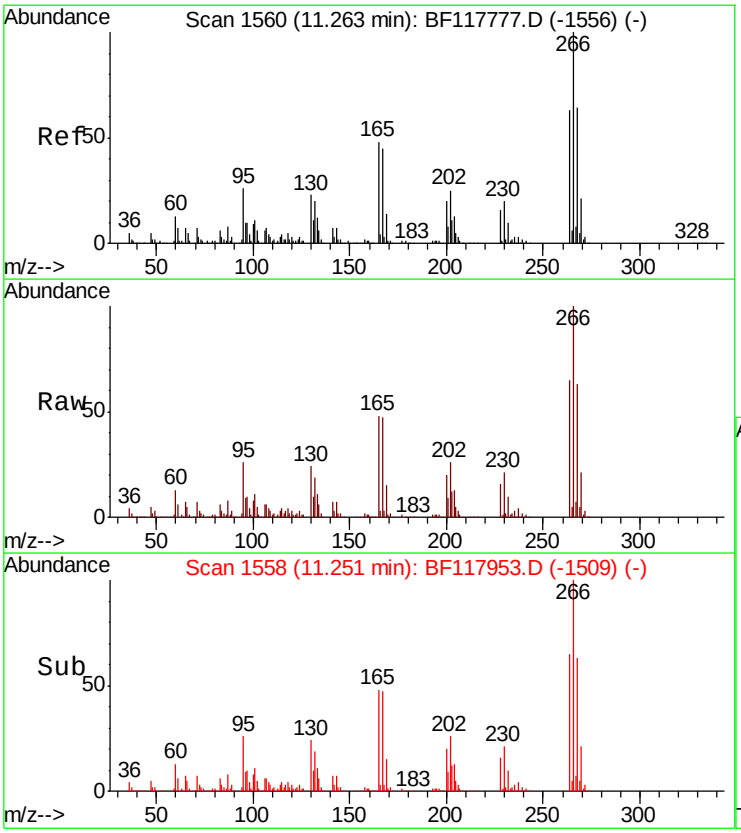

#69
Atrazine
Concen: 50.727 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:200 Resp: 252574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.9 | 6.7 | 46.7 |
| 215 | 45.2 | 27.5 | 67.5 |

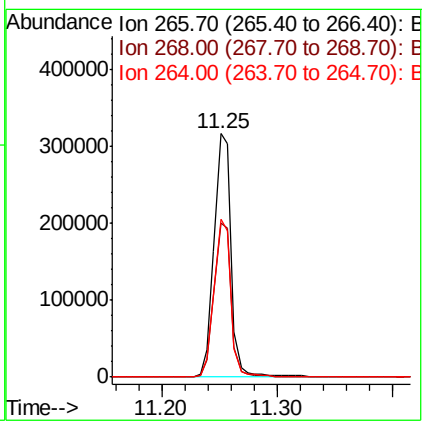


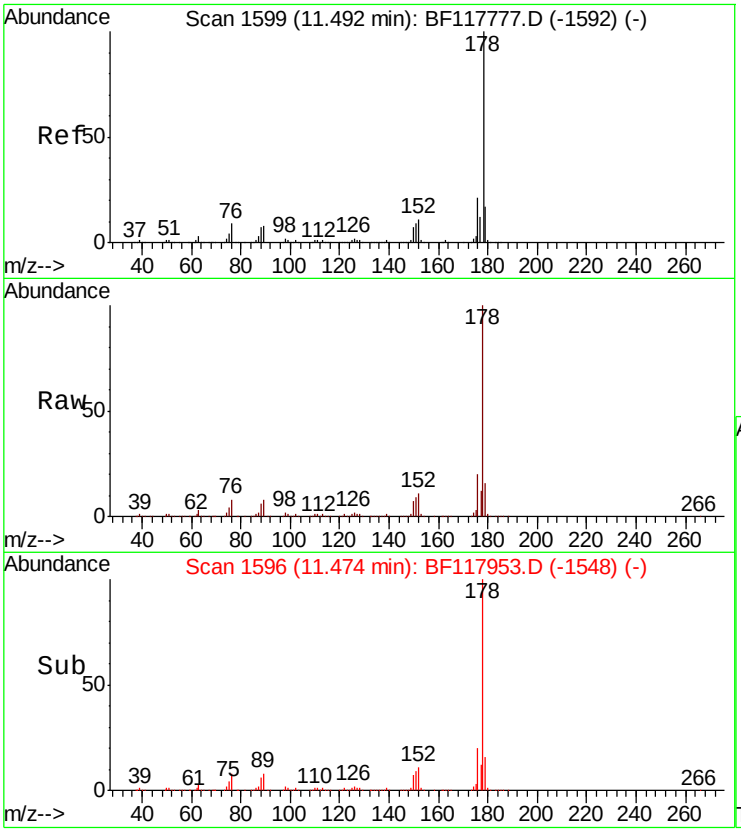




#70
Pentachlorophenol
Concen: 85.360 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:266 Resp: 326327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 50.8 | 76.2 |
| 264 | 64.9 | 50.7 | 76.1 |



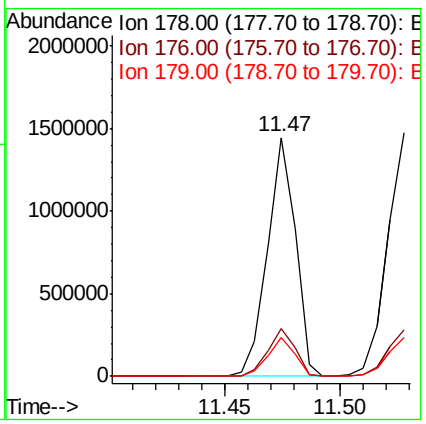


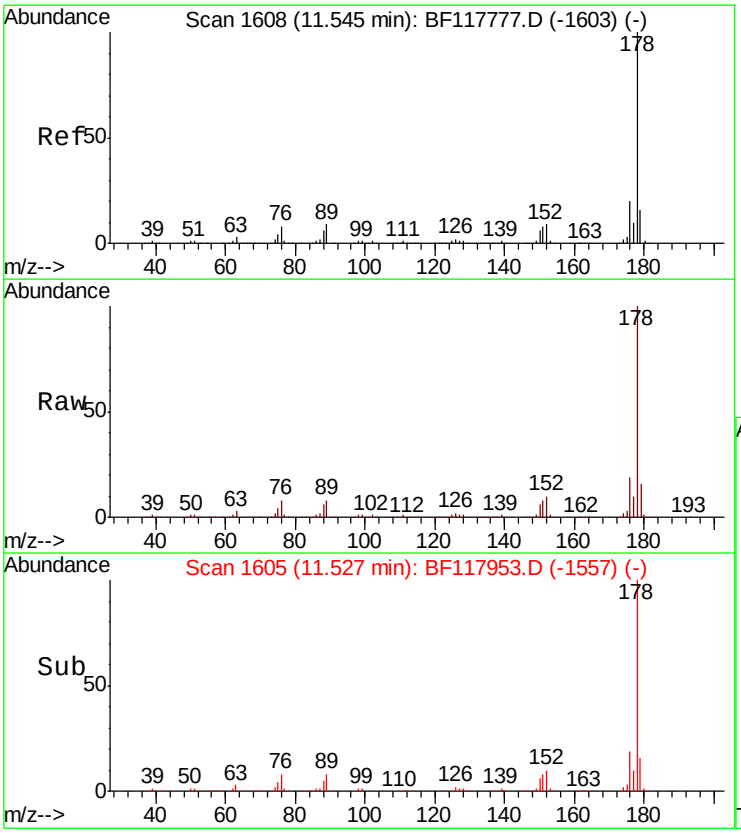

#71
Phenanthrene
Concen: 46.722 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:178 Resp: 1221718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 16.6 | 25.0 |
| 179 | 16.2 | 13.2 | 19.8 |

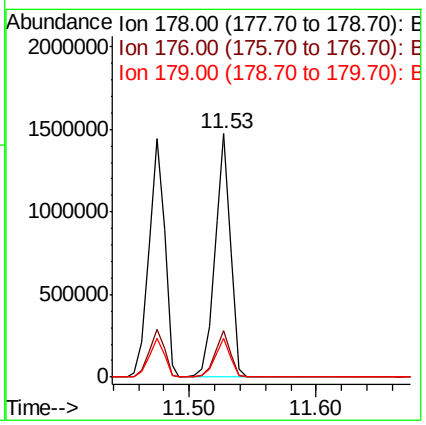


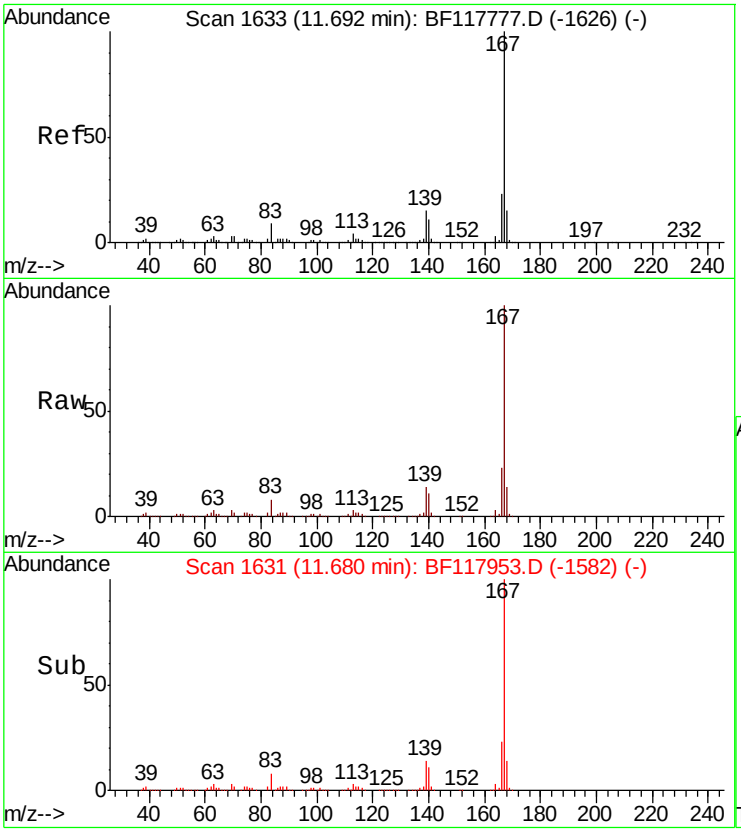




#72
Anthracene
Concen: 48.925 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:178 Resp: 1268421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 16.1 | 24.1 |
| 179 | 15.8 | 13.0 | 19.4 |



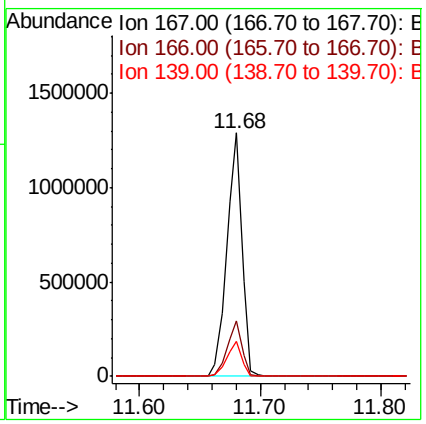


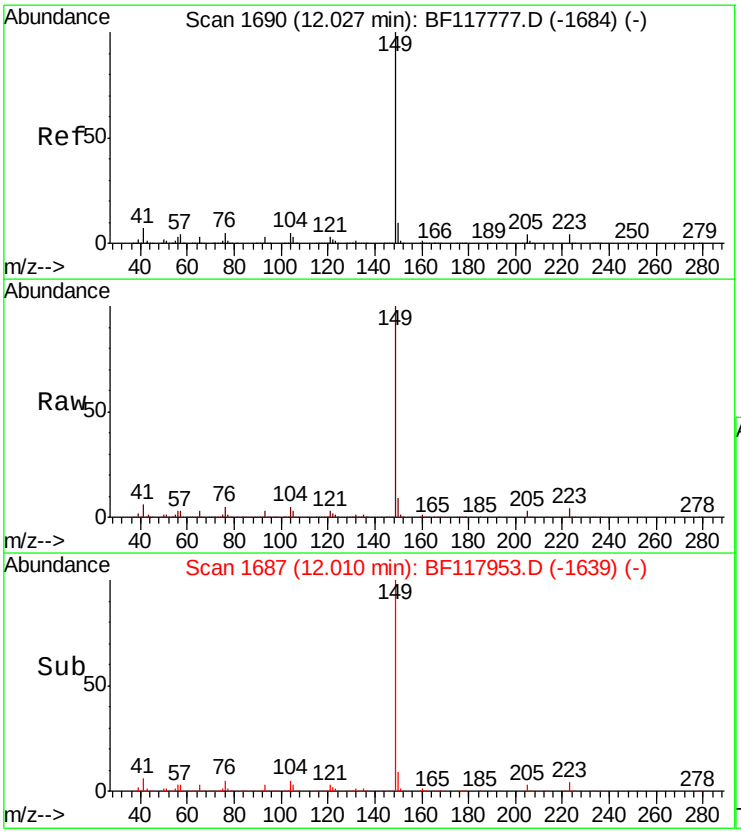

#73
Carbazole
Concen: 49.362 ng
RT: 11.68 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:167 Resp: 1118311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.6 | 18.0 | 27.0 |
| 139 | 14.3 | 11.7 | 17.5 |

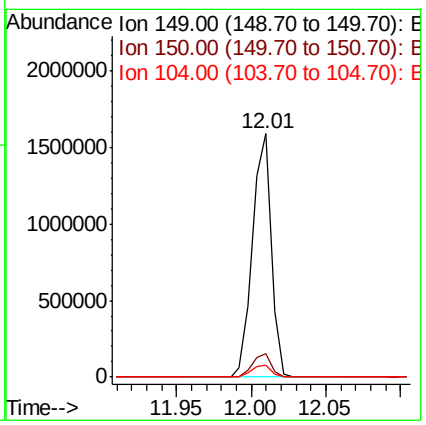


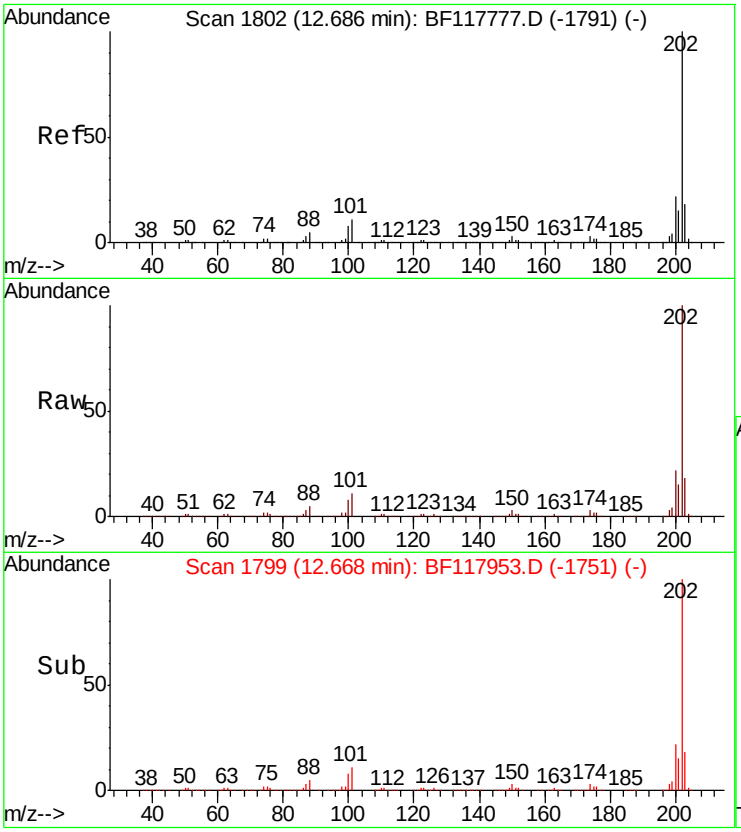




#74
Di-n-butylphthalate
Concen: 48.562 ng
RT: 12.01 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:149 Resp: 1369823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.9 | 11.9 |
| 104 | 5.1 | 4.2 | 6.4 |



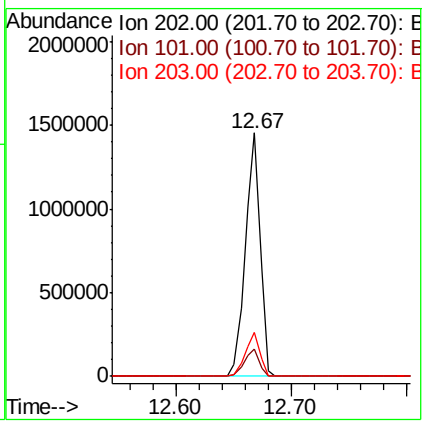


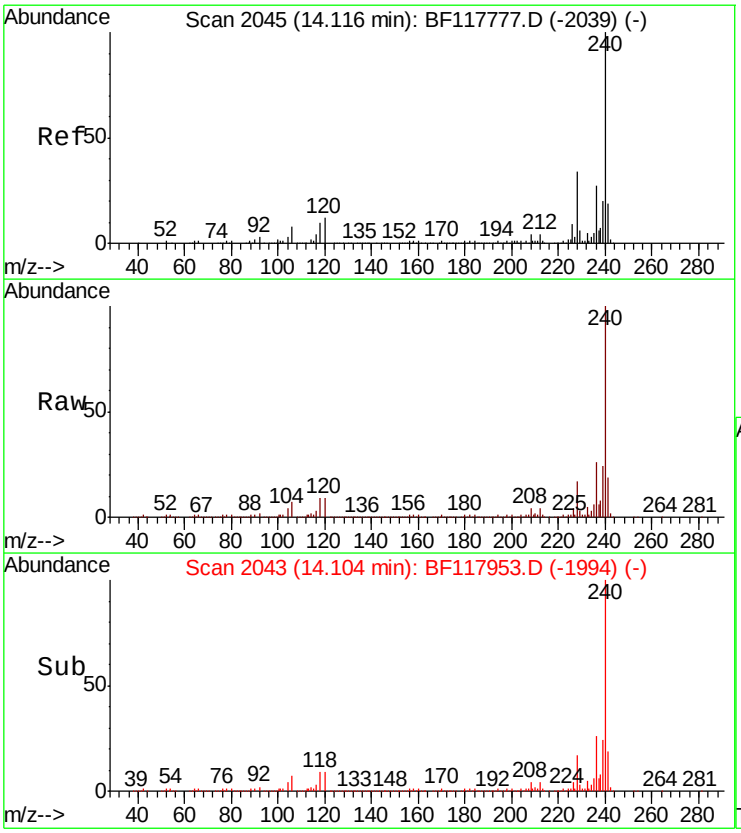

#75
Fluoranthene
Concen: 55.651 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:202 Resp: 1282734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 0.0 | 31.1 |
| 203 | 18.0 | 0.0 | 38.2 |

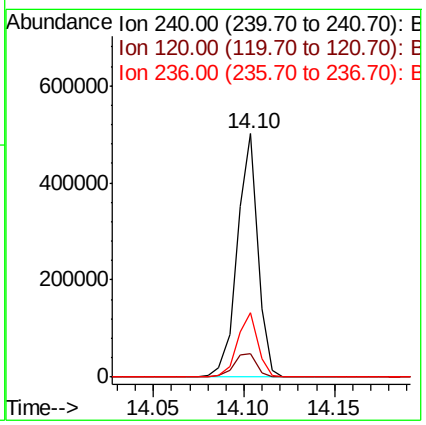


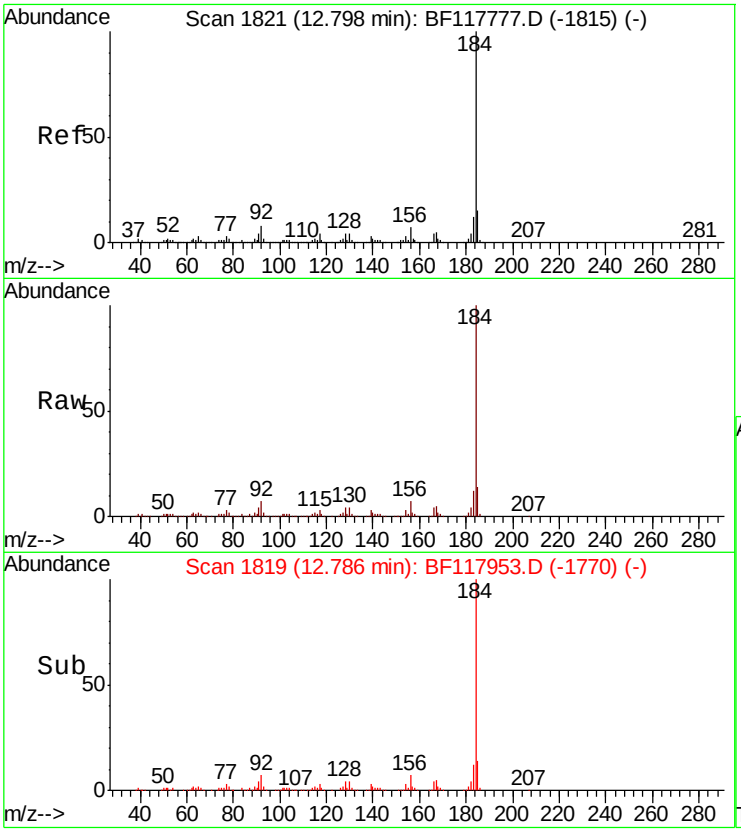




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:240 Resp: 395593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.5 | 9.5 | 14.3# |
| 236 | 26.2 | 21.3 | 31.9 |



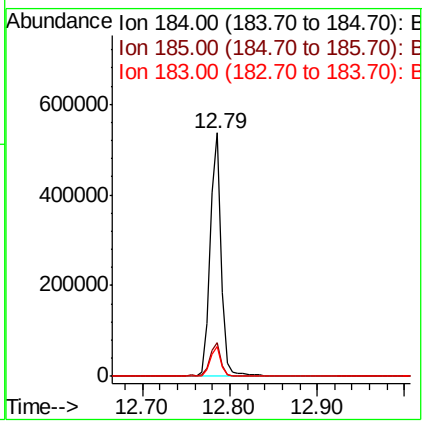


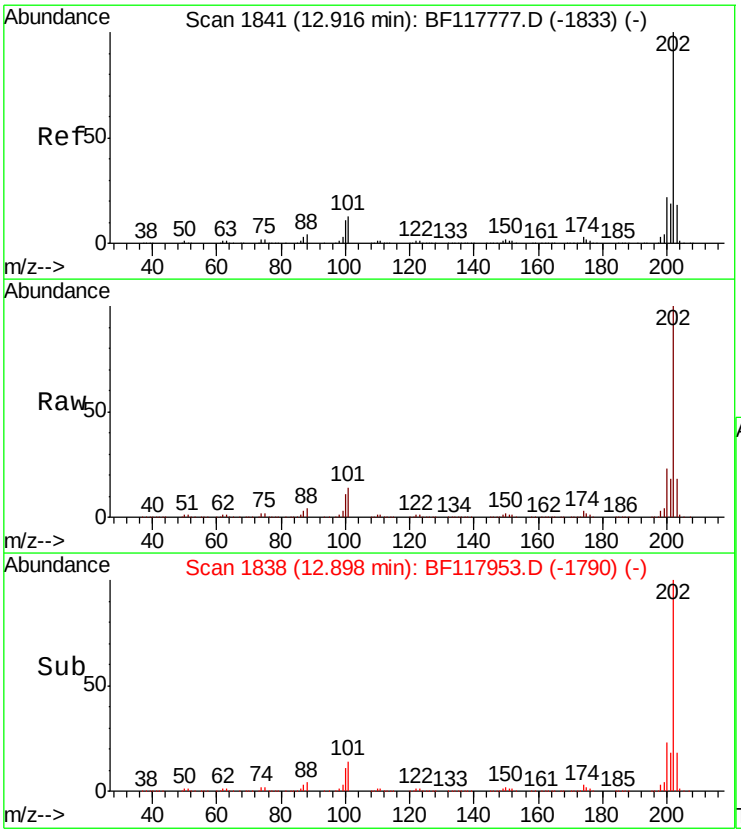

#77
Benzidine
Concen: 36.166 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:184 Resp: 468642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 12.2 | 18.4 |
| 183 | 12.0 | 9.5 | 14.3 |

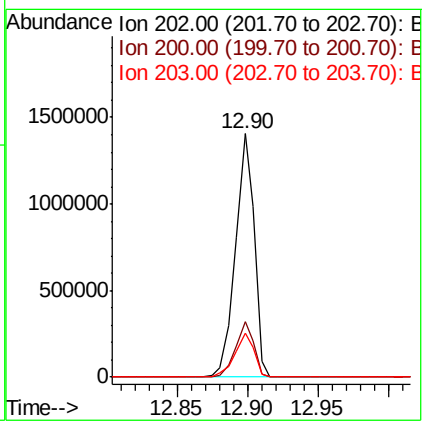


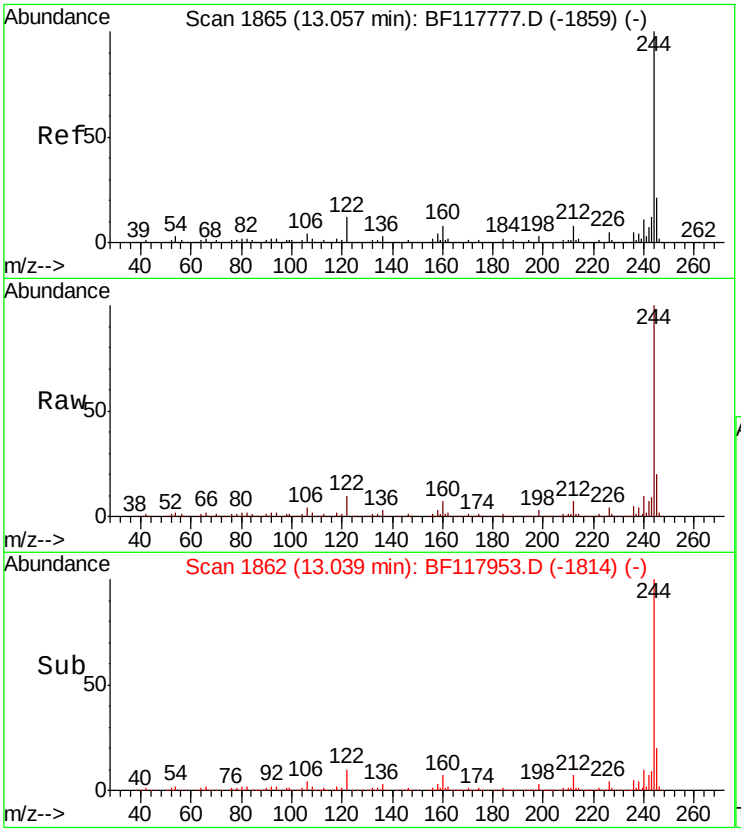




#78
Pyrene
Concen: 40.479 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:202 Resp: 1294118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.6 | 17.8 | 26.8 |
| 203 | 18.1 | 14.6 | 22.0 |



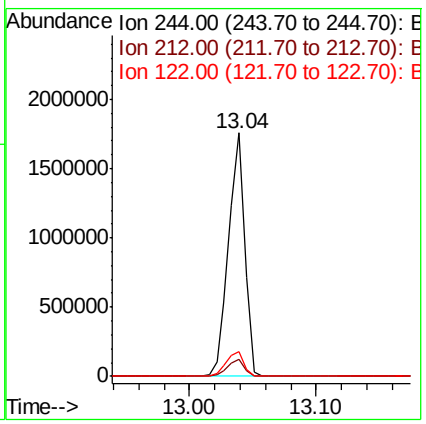


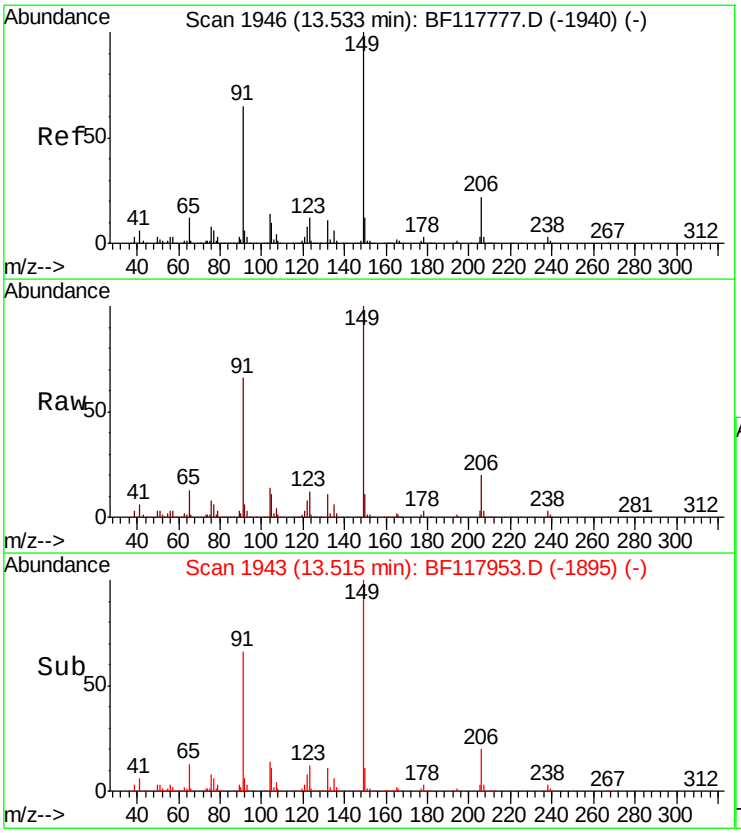

#79
Terphenyl-d14
Concen: 71.681 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:244 Resp: 1551567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.3 | 9.5 |
| 122 | 10.4 | 9.4 | 14.2 |

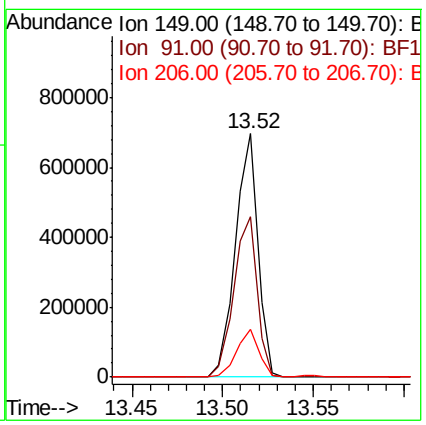


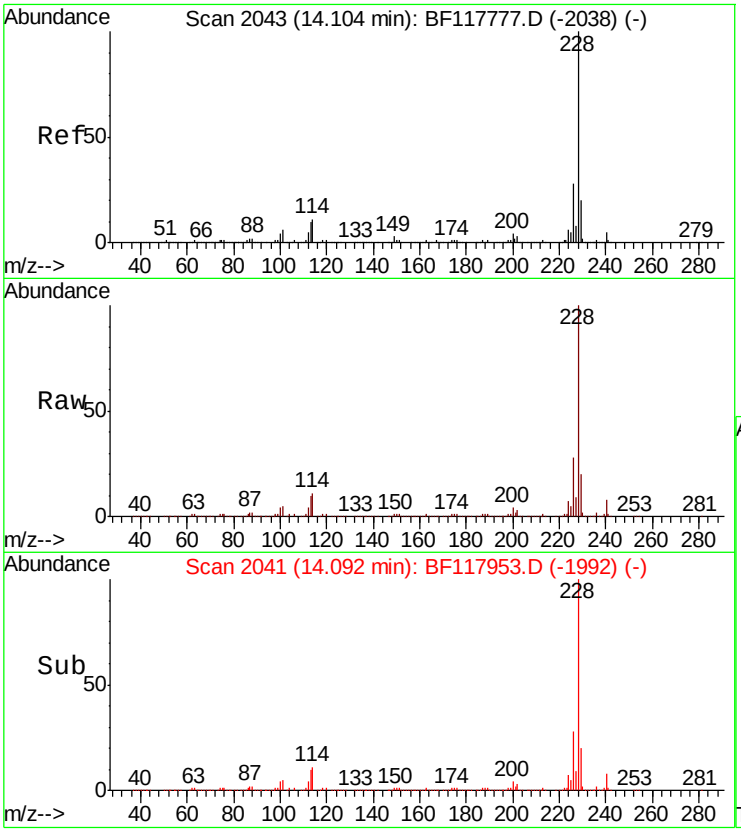




#80
Butylbenzylphthalate
Concen: 43.802 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:149 Resp: 601449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.9 | 51.9 | 77.9 |
| 206 | 19.8 | 17.2 | 25.8 |



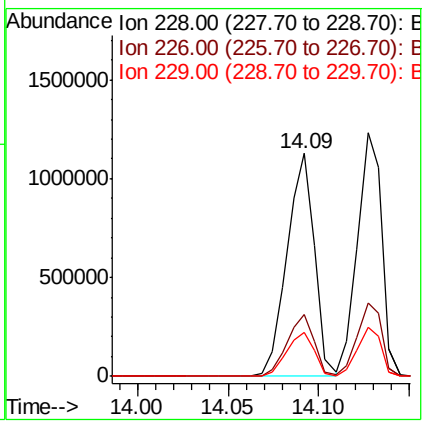


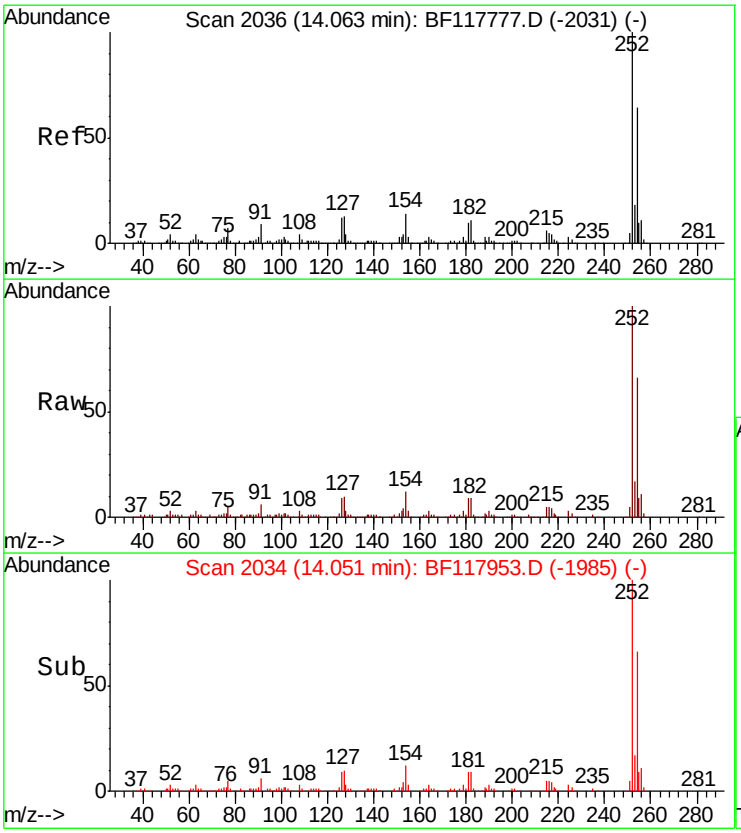

#81
Benzo(a)anthracene
Concen: 45.677 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:228 Resp: 1194054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.2 | 33.2 |
| 229 | 20.0 | 15.9 | 23.9 |

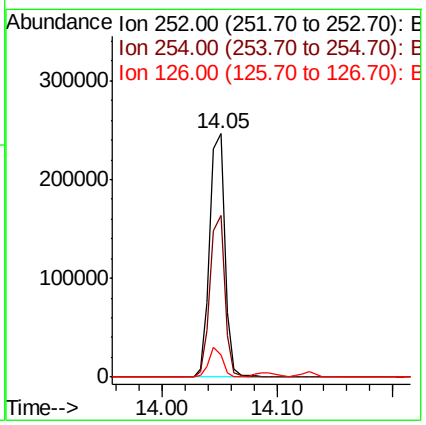


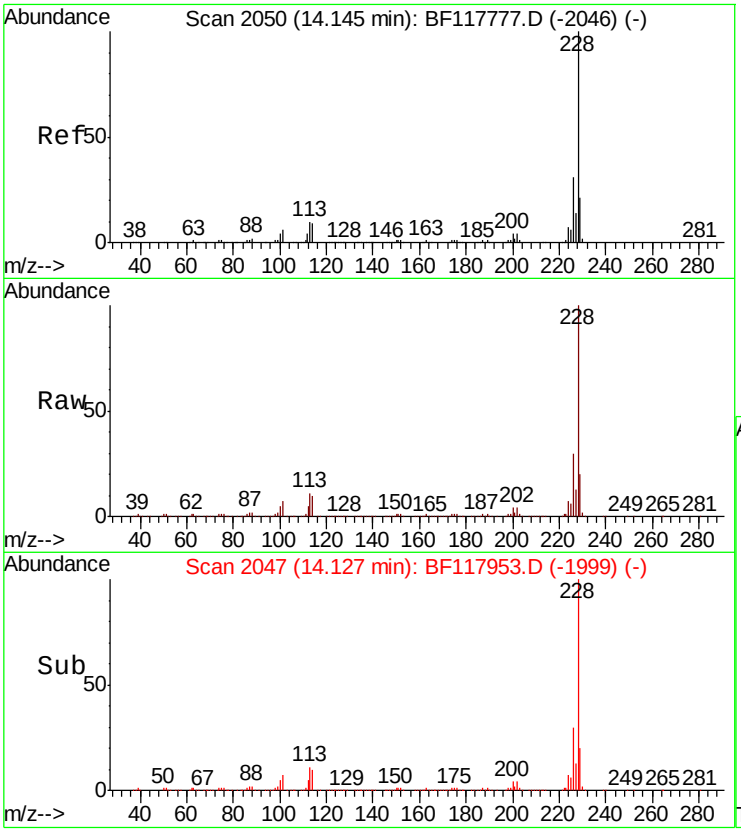




#82
3,3'-Dichlorobenzidine
Concen: 24.895 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:252 Resp: 227639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.2 | 51.0 | 76.6 |
| 126 | 9.1 | 9.7 | 14.5# |



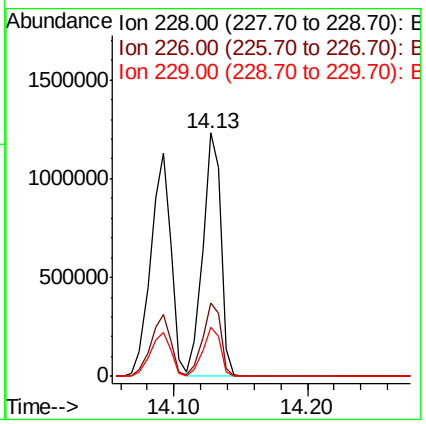


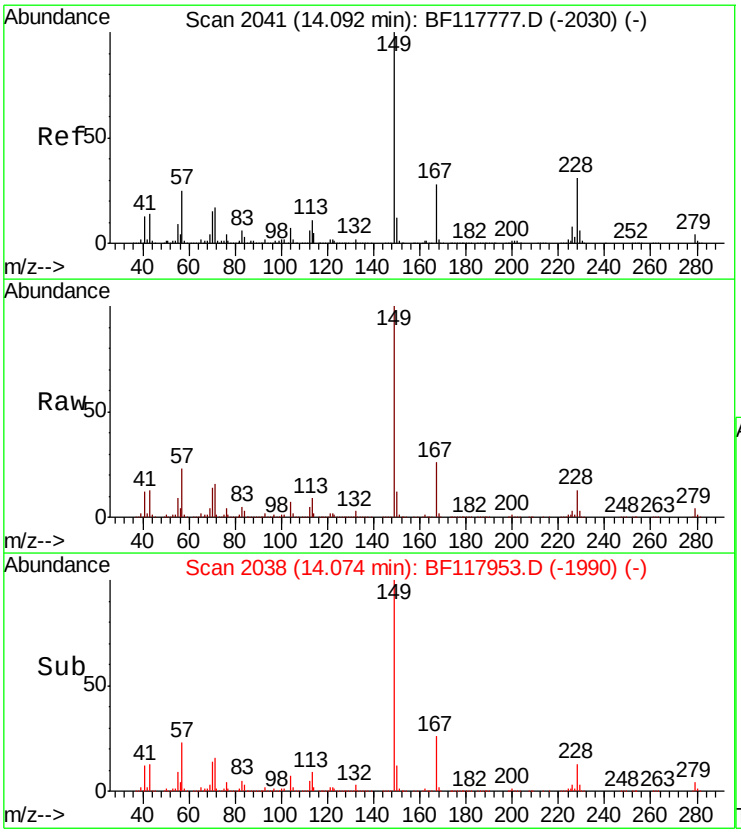

#83
Chrysene
Concen: 45.489 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:228 Resp: 1152288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 25.0 | 37.4 |
| 229 | 20.0 | 16.6 | 25.0 |

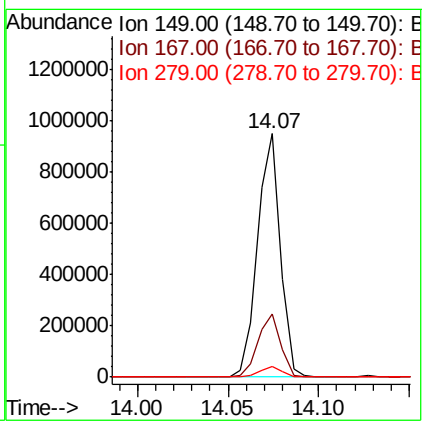


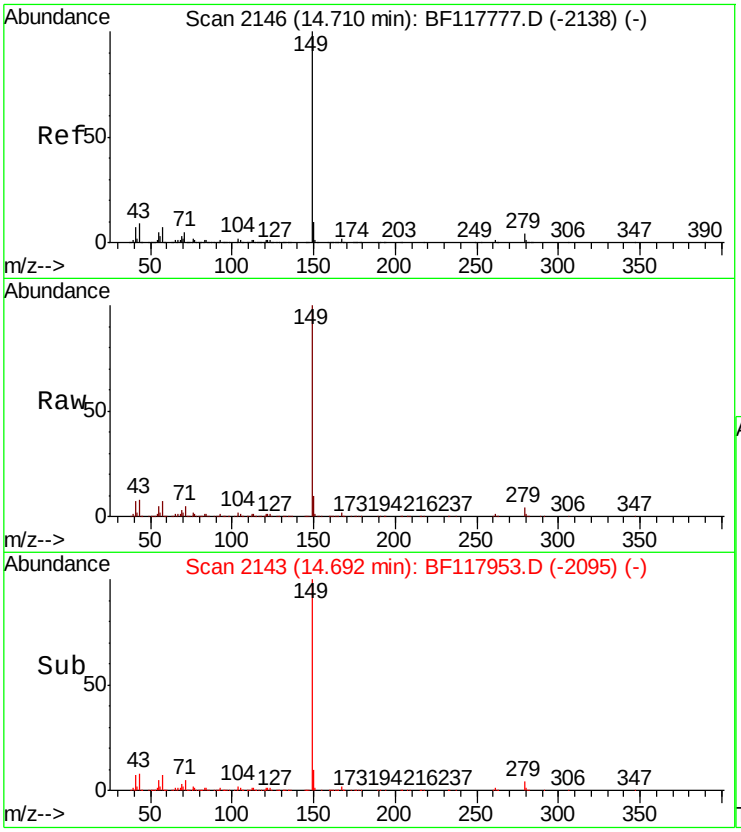




#84
Bis(2-ethylhexyl)phthalate
Concen: 50.063 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:149 Resp: 833397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 22.2 | 33.2 |
| 279 | 4.5 | 3.4 | 5.2 |



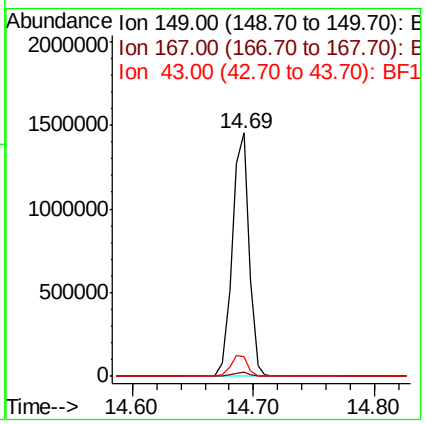


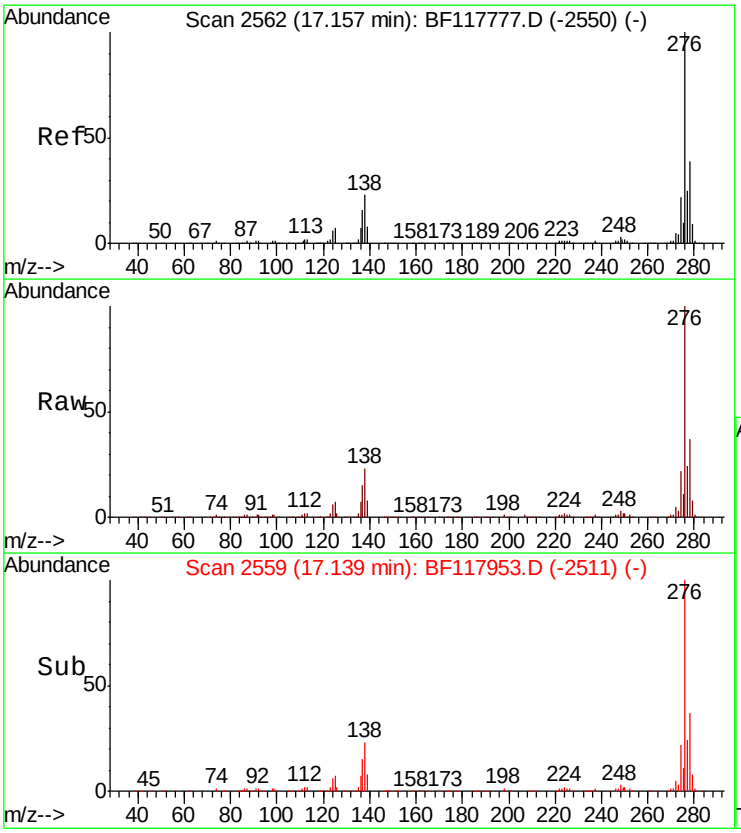

#85
Di-n-octyl phthalate
Concen: 57.393 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:149 Resp: 1403599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.5 | 7.4 | 11.2 |

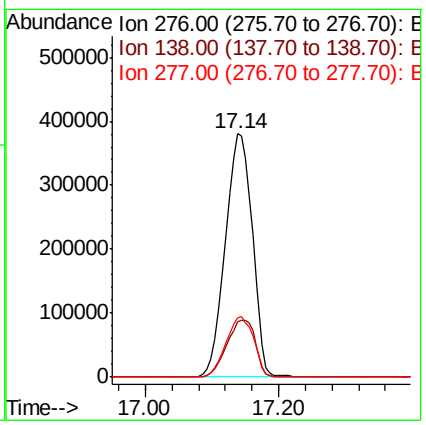


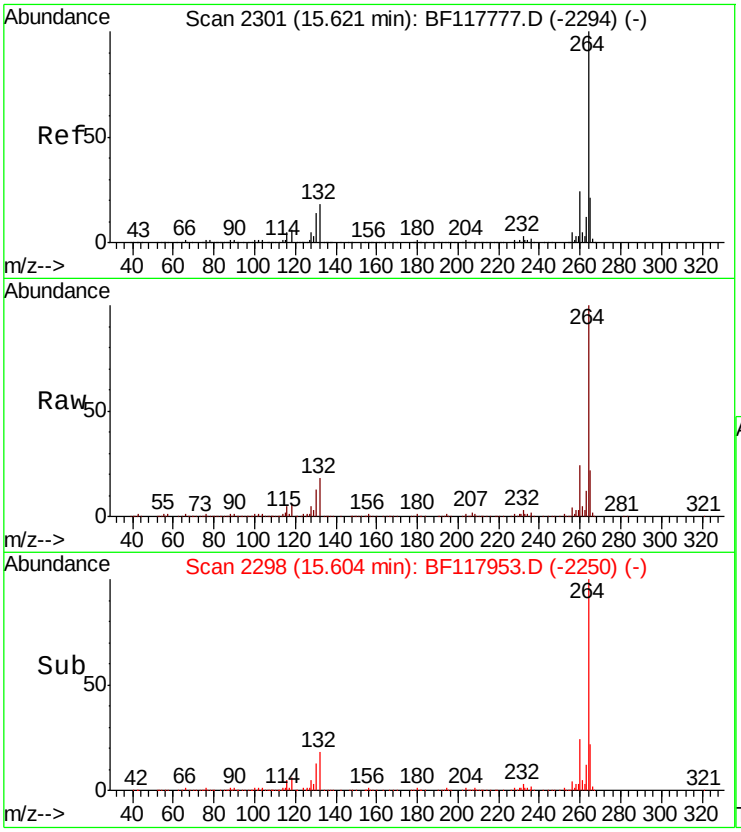




#86
Indeno(1,2,3-cd)pyrene
Concen: 50.235 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:276 Resp: 1083019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.6 | 20.9 | 31.3 |
| 277 | 25.5 | 20.3 | 30.5 |



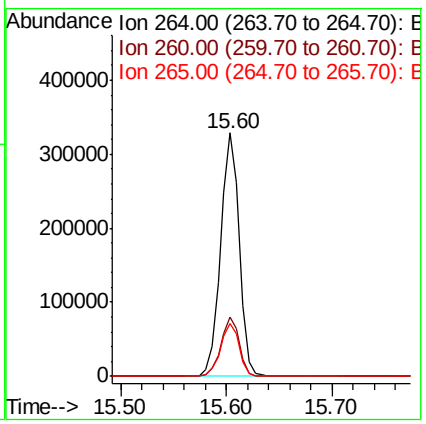


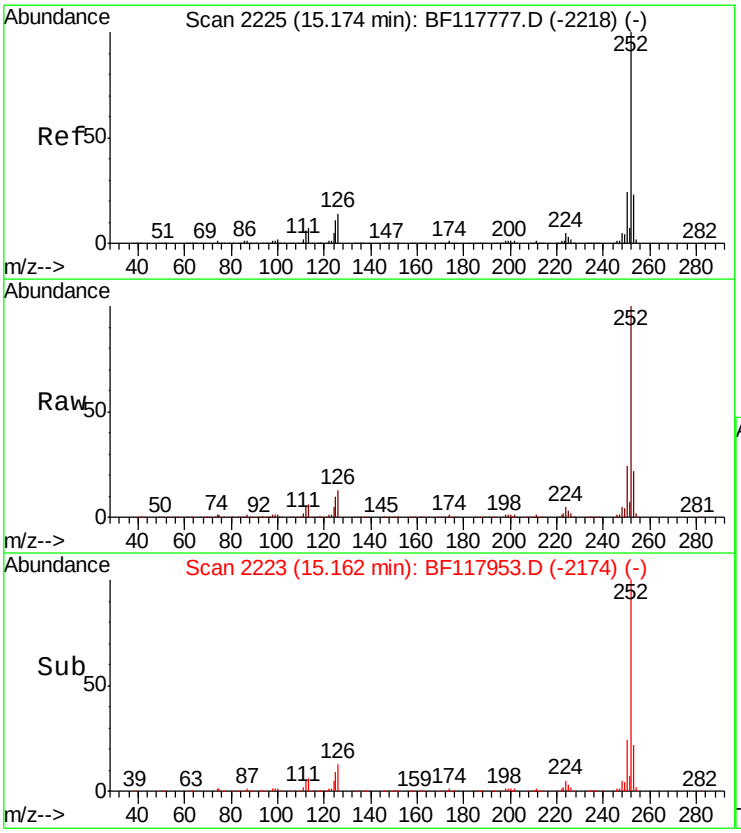

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:264 Resp: 402963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.4 | 29.0 |
| 265 | 22.0 | 17.1 | 25.7 |

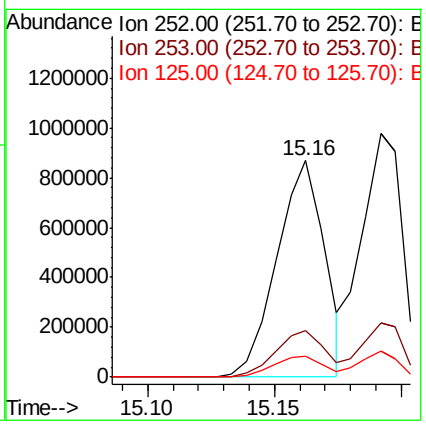


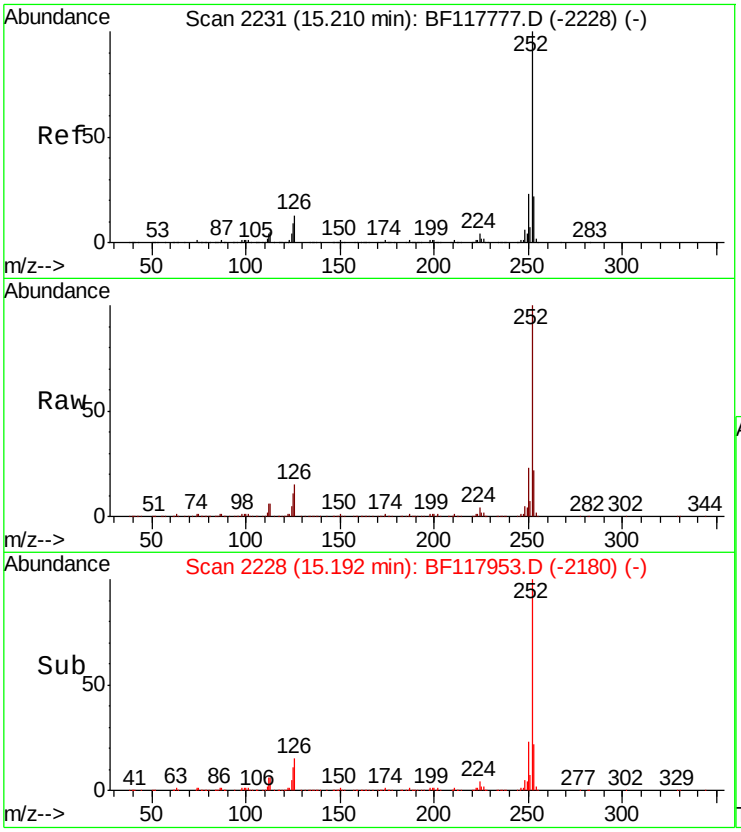




#88
Benzo(b)fluoranthene
Concen: 43.377 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:252 Resp: 1135625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.0 | 27.0 |
| 125 | 9.6 | 8.6 | 13.0 |



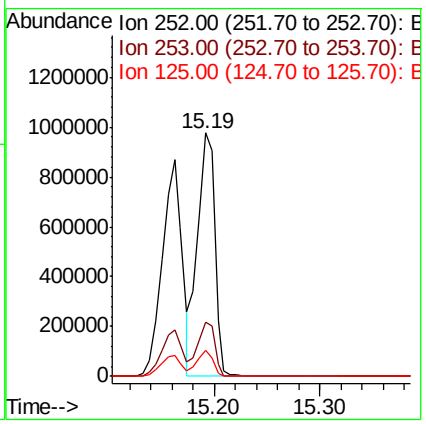


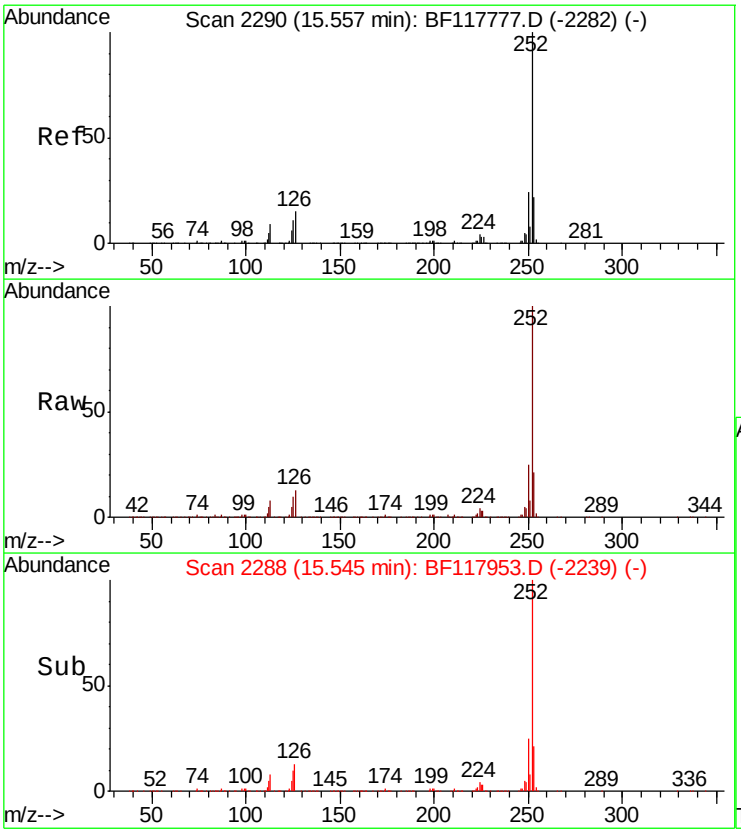

#89
Benzo(k)fluoranthene
Concen: 44.772 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:252 Resp: 1104451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.5 | 26.3 |
| 125 | 10.6 | 7.9 | 11.9 |

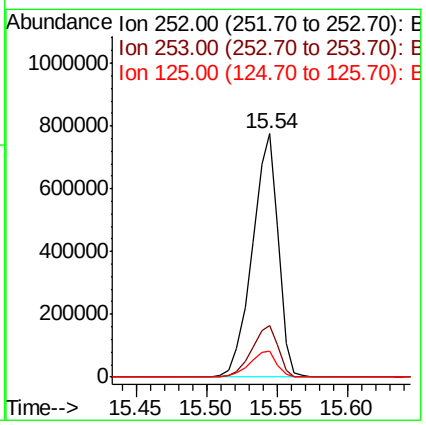


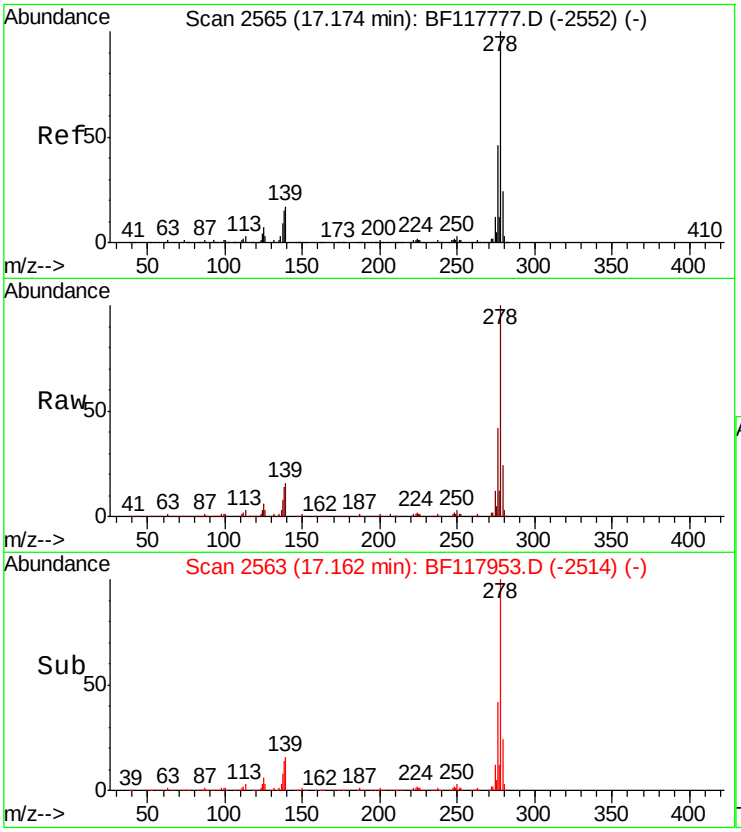




#90
Benzo(a)pyrene
Concen: 43.571 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:252 Resp: 1003075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.8 | 26.6 |
| 125 | 10.5 | 9.2 | 13.8 |



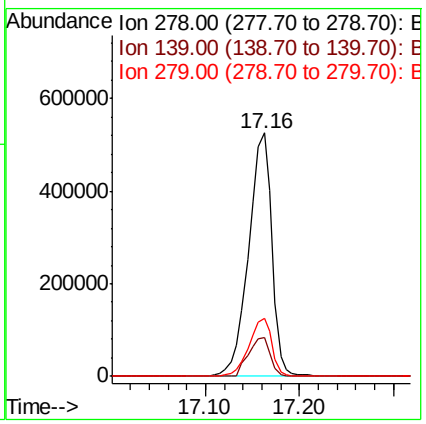


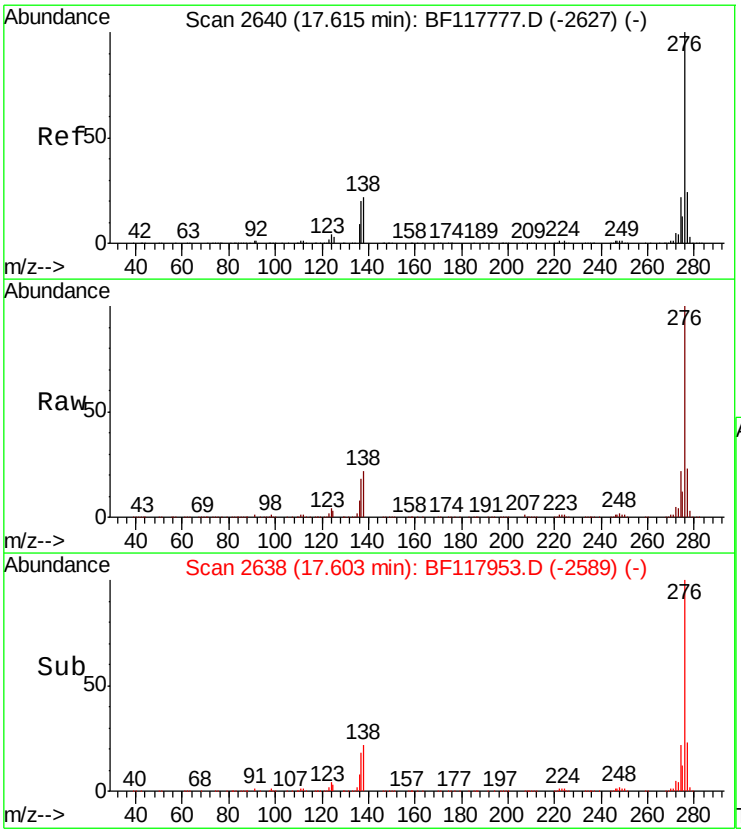

#91
Dibenzo(a,h)anthracene
Concen: 45.607 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

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

Tgt Ion:278 Resp: 903714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.7 | 13.8 | 20.8 |
| 279 | 24.0 | 19.6 | 29.4 |




#92
Benzo(g,h,i)perylene
Concen: 44.899 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:276 Resp: 886144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 18.9 | 28.3 |
| 138 | 21.5 | 17.4 | 26.2 |