Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116103.D
Acq On : 9 Aug 2019 10:37
Operator : HP/JU
Sample : PB122069BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 10 02:09:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 131804 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 533780 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.87 | 164 | 277320 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 476302 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 318268 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.47 | 264 | 266775 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 879878 | 111.75 | ng | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 1097101 | 110.44 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 719245 | 77.78 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 305631 | 113.67 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.19 | 172 | 1223243 | 82.62 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.94 | 244 | 1300936 | 86.13 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.70 | 88 | 157353 | 39.561 | ng | 99 |
| 3) Pyridine | 3.45 | 79 | 359655 | 32.370 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.39 | 42 | 161039 | 36.727 | ng | 97 |
| 6) Aniline | 6.50 | 93 | 425426 | 29.905 | ng | 92 |
| 8) 2-Chlorophenol | 6.63 | 128 | 370876 | 42.599 | ng | 99 |
| 9) Benzaldehyde | 6.39 | 77 | 150623 | 21.976 | ng | 98 |
| 10) Phenol | 6.50 | 94 | 463675 | 39.638 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 357204 | 41.534 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.78 | 146 | 400308 | 39.785 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.86 | 146 | 402874 | 39.989 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 376565 | 40.593 | ng | 99 |
| 15) Benzyl Alcohol | 6.99 | 79 | 308929 | 40.980 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45 | 471403 | 40.185 | ng | 99 |
| 17) 2-Methylphenol | 7.10 | 107 | 309102 | 41.929 | ng | 100 |
| 18) Hexachloroethane | 7.35 | 117 | 147692 | 39.818 | ng | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 255353 | 41.483 | ng | 98 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 375704 | 43.066 | ng | 96 |
| 22) Acetophenone | 7.25 | 105 | 501875 | 42.871 | ng | 99 |
| 24) Nitrobenzene | 7.42 | 77 | 409358 | 40.998 | ng | 100 |
| 25) Isophorone | 7.66 | 82 | 736094 | 41.629 | ng | 100 |
| 26) 2-Nitrophenol | 7.74 | 139 | 204642 | 43.479 | ng | 94 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 327695 | 46.277 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93 | 453408 | 41.371 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 320139 | 42.818 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 348032 | 40.836 | ng | 99 |
| 31) Naphthalene | 8.14 | 128 | 1059725 | 42.189 | ng | 99 |
| 32) Benzoic acid | 7.93 | 122 | 181205 | 36.296 | ng | 95 |
| 33) 4-Chloroaniline | 8.19 | 127 | 274438 | 24.453 | ng | 98 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 196320 | 39.991 | ng | 99 |
| 35) Caprolactam | 8.56 | 113 | 52672 | 21.782 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.68 | 107 | 327913 | 42.158 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.83 | 142 | 705392 | 42.641 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.93 | 142 | 659227 | 42.123 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 324276 | 43.739 | ng | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Acq On : 9 Aug 2019 10:37
Operator : HP/JU
Sample : PB122069BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 10 02:09:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.99 | 237 | 145518 | 46.407 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.12 | 196 | 206749 | 40.515 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.16 | 196 | 220084 | 41.722 ng | 98 |
| 46) 1,1'-Biphenyl | 9.30 | 154 | 849810 | 43.405 ng | 98 |
| 47) 2-Chloronaphthalene | 9.32 | 162 | 675958 | 41.482 ng | 99 |
| 48) 2-Nitroaniline | 9.42 | 65 | 208377 | 38.687 ng | 98 |
| 49) Acenaphthylene | 9.74 | 152 | 1003035 | 42.192 ng | 98 |
| 50) Dimethylphthalate | 9.60 | 163 | 781682 | 41.397 ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.66 | 165 | 174388 | 42.498 ng | 98 |
| 52) Acenaphthene | 9.91 | 154 | 610370 | 41.850 ng | 100 |
| 53) 3-Nitroaniline | 9.83 | 138 | 133053 | 26.241 ng | 96 |
| 54) 2,4-Dinitrophenol | 9.95 | 184 | 134427 | 65.932 ng | 98 |
| 55) Dibenzofuran | 10.08 | 168 | 887095 | 41.825 ng | 100 |
| 56) 4-Nitrophenol | 10.01 | 139 | 219764 | 67.660 ng | 93 |
| 57) 2,4-Dinitrotoluene | 10.07 | 165 | 222447 | 40.716 ng | 98 |
| 58) Fluorene | 10.42 | 166 | 699344 | 42.857 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.20 | 232 | 183765 | 41.407 ng | 100 |
| 60) Diethylphthalate | 10.29 | 149 | 740546 | 42.007 ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.41 | 204 | 352364 | 42.636 ng | 99 |
| 62) 4-Nitroaniline | 10.45 | 138 | 186007 | 35.498 ng | 98 |
| 63) Azobenzene | 10.57 | 77 | 770312 | 42.482 ng | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 108668 | 43.052 ng | 94 |
| 66) n-Nitrosodiphenylamine | 10.53 | 169 | 622826 | 43.444 ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.90 | 248 | 217304 | 42.619 ng | 97 |
| 68) Hexachlorobenzene | 10.98 | 284 | 242600 | 41.147 ng | 93 |
| 69) Atrazine | 11.06 | 200 | 191685 | 40.643 ng | 98 |
| 70) Pentachlorophenol | 11.17 | 266 | 209829 | 73.303 ng | 98 |
| 71) Phenanthrene | 11.39 | 178 | 1011559 | 41.543 ng | 99 |
| 72) Anthracene | 11.44 | 178 | 1054719 | 42.800 ng | 99 |
| 73) Carbazole | 11.59 | 167 | 960211 | 42.949 ng | 99 |
| 74) Di-n-butylphthalate | 11.92 | 149 | 1145710 | 43.929 ng | 99 |
| 75) Fluoranthene | 12.57 | 202 | 1053703 | 41.335 ng | 97 |
| 77) Benzidine | 12.69 | 184 | 337305 | 31.370 ng | 98 |
| 78) Pyrene | 12.80 | 202 | 1073040 | 44.726 ng | 100 |
| 80) Butylbenzylphthalate | 13.41 | 149 | 459045 | 45.233 ng | 95 |
| 81) Benzo(a)anthracene | 13.99 | 228 | 855935 | 42.076 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.95 | 252 | 266063 | 37.647 ng | 98 |
| 83) Chrysene | 14.03 | 228 | 843476 | 42.709 ng | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 619465 | 46.972 ng | 99 |
| 85) Di-n-octyl phthalate | 14.58 | 149 | 957468 | 45.709 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 722532 | 43.559 ng | 100 |
| 88) Benzo(b)fluoranthene | 15.04 | 252 | 763359 | 49.488 ng | 99 |
| 89) Benzo(k)fluoranthene | 15.07 | 252 | 683184 | 45.472 ng | 98 |
| 90) Benzo(a)pyrene | 15.41 | 252 | 679606 | 49.286 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.95 | 278 | 604712 | 50.663 ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.39 | 276 | 604666 | 51.583 ng | 98 |

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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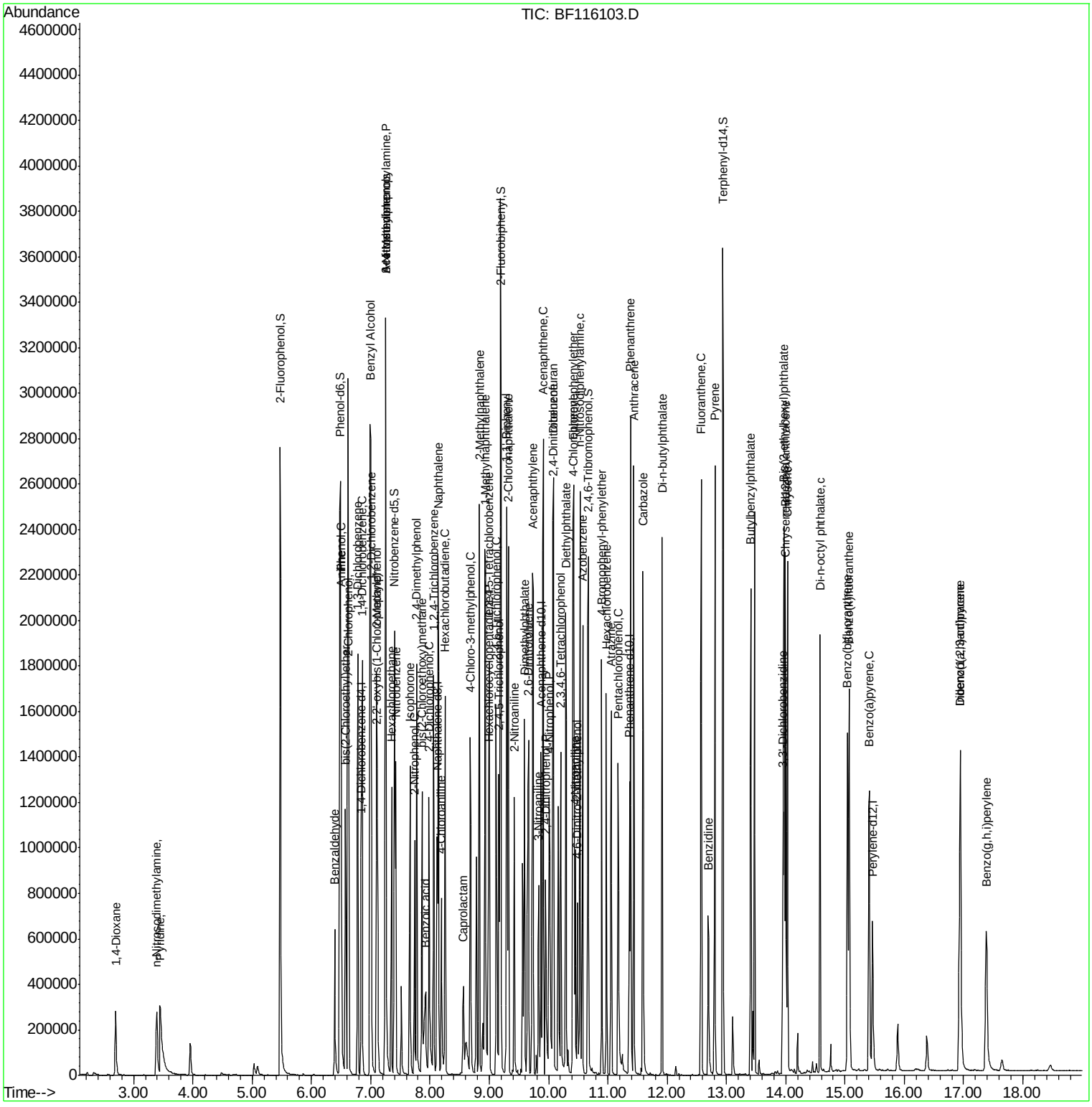
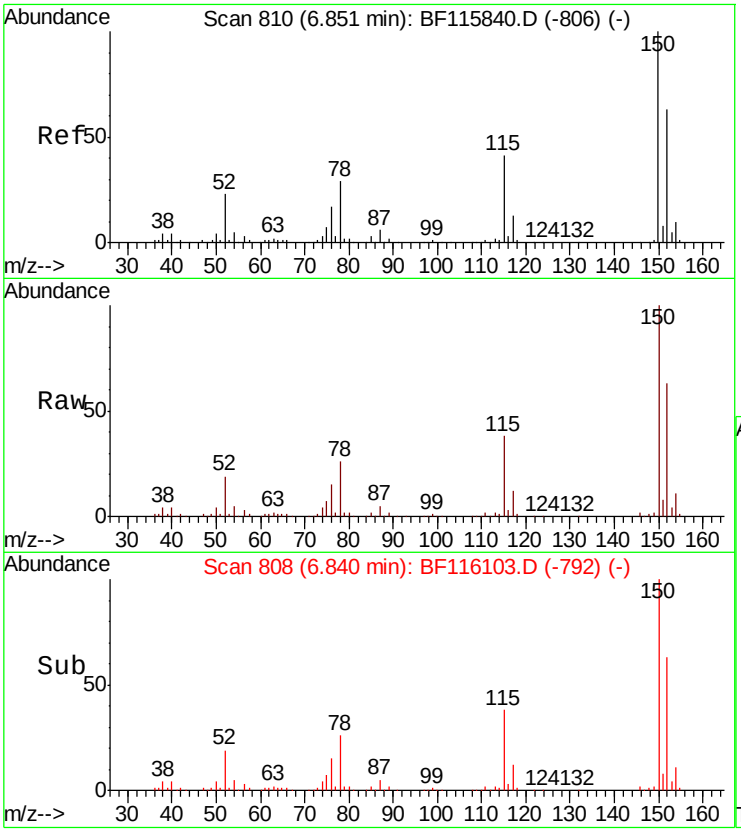
Acq On : 9 Aug 2019 10:37
Operator : HP/JU
Sample : PB122069BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 10 02:09:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



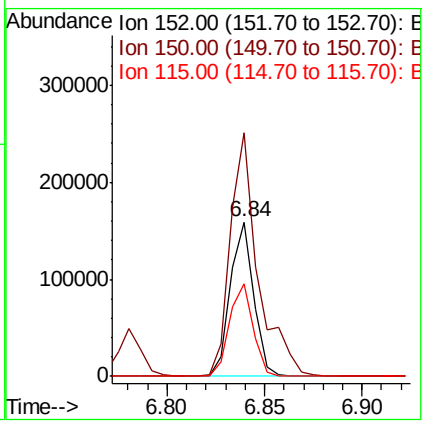


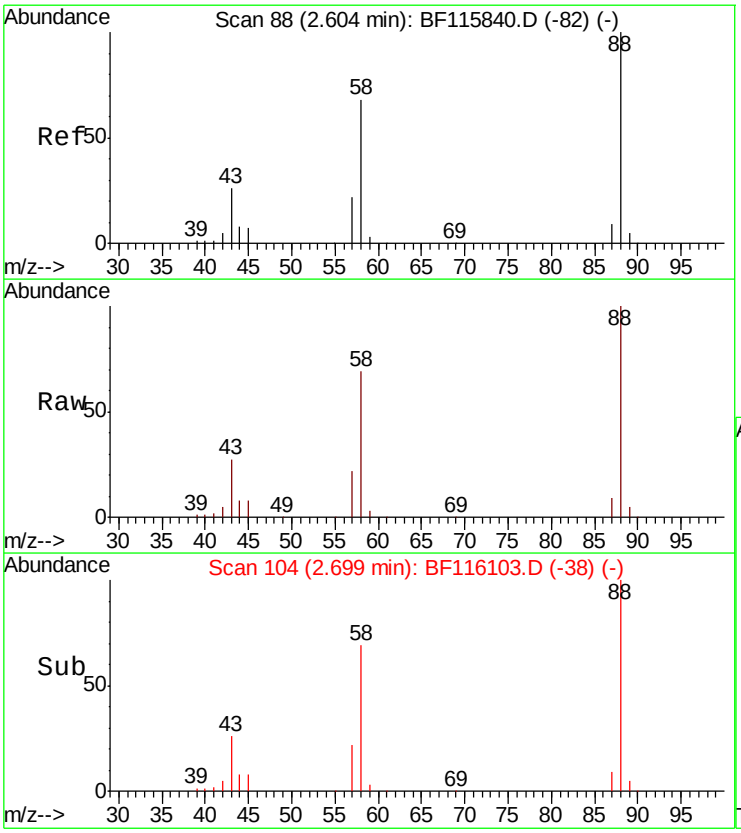

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:152 Resp: 131804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 126.2 | 189.2 |
| 115 | 59.7 | 49.9 | 74.9 |

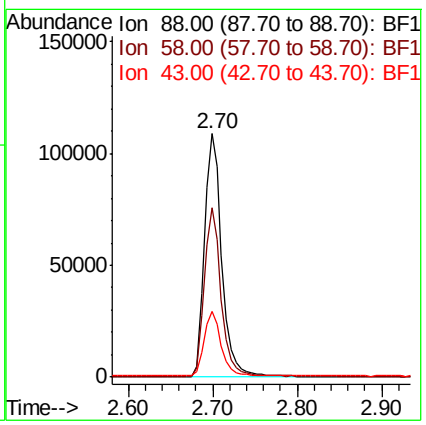


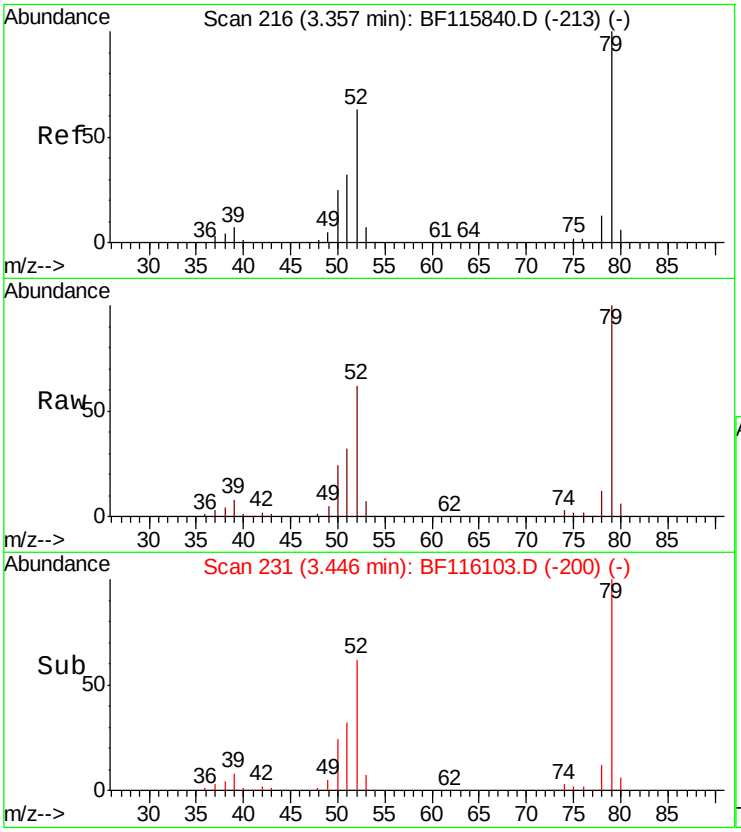




#2
1,4-Dioxane
Concen: 39.561 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 88 Resp: 157353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 68.3 | 53.7 | 80.5 |
| 43 | 26.0 | 21.0 | 31.4 |



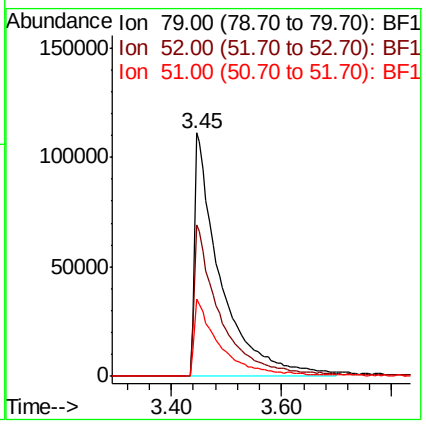


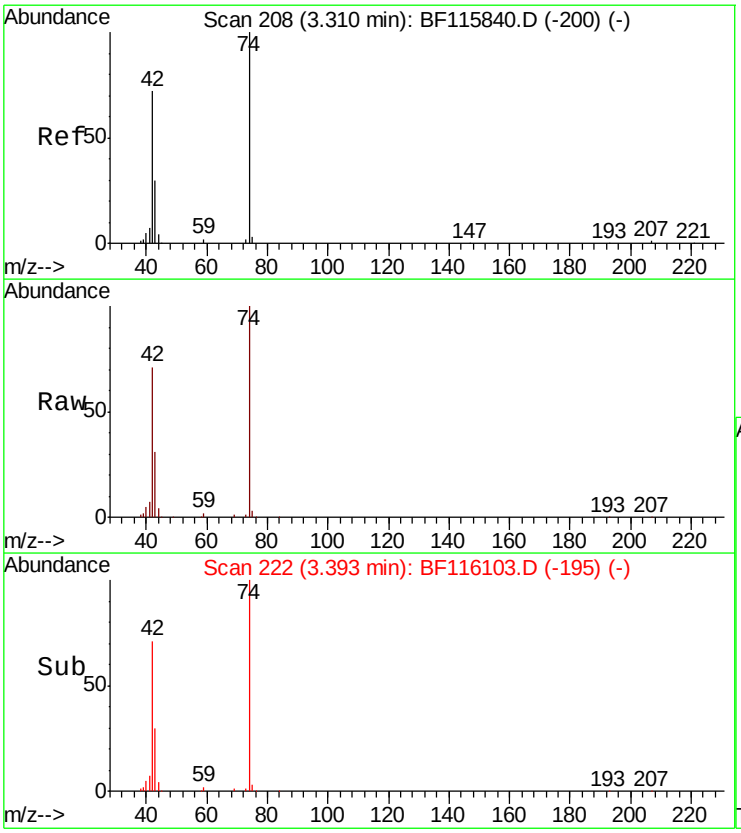

#3
Pyridine
Concen: 32.370 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.08 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 79 Resp: 359655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.0 | 49.8 | 74.8 |
| 51 | 31.5 | 25.2 | 37.8 |

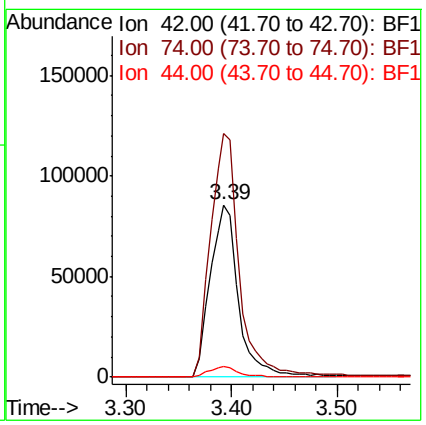


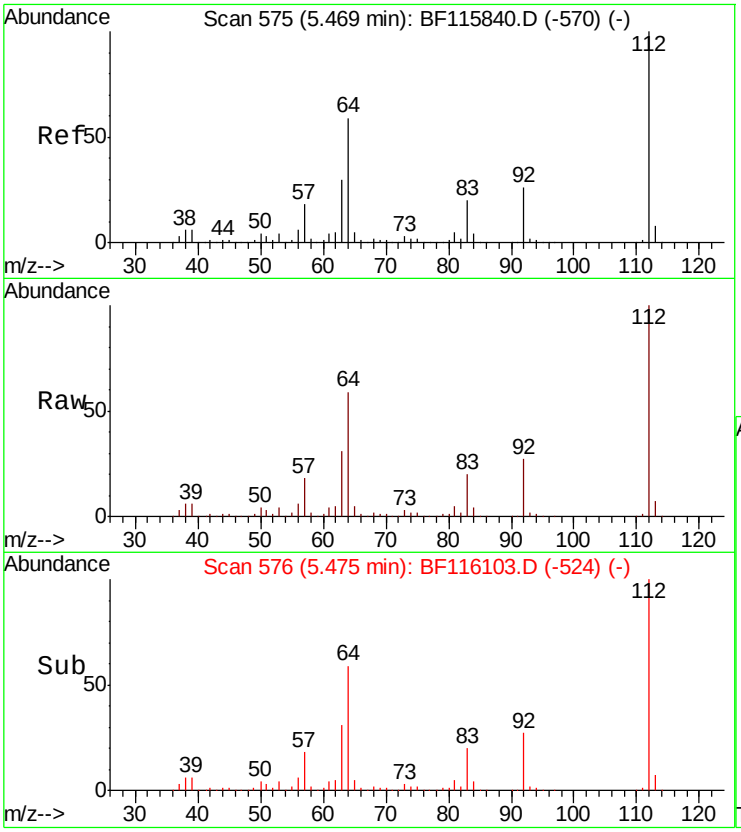




#4
n-Nitrosodimethylamine
Concen: 36.727 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.06 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 42 Resp: 161039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.6 | 116.0 | 174.0 |
| 44 | 6.2 | 4.6 | 7.0 |



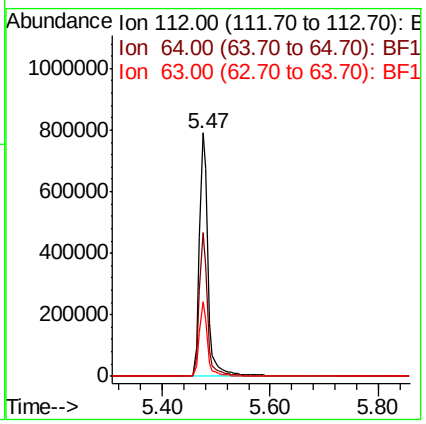


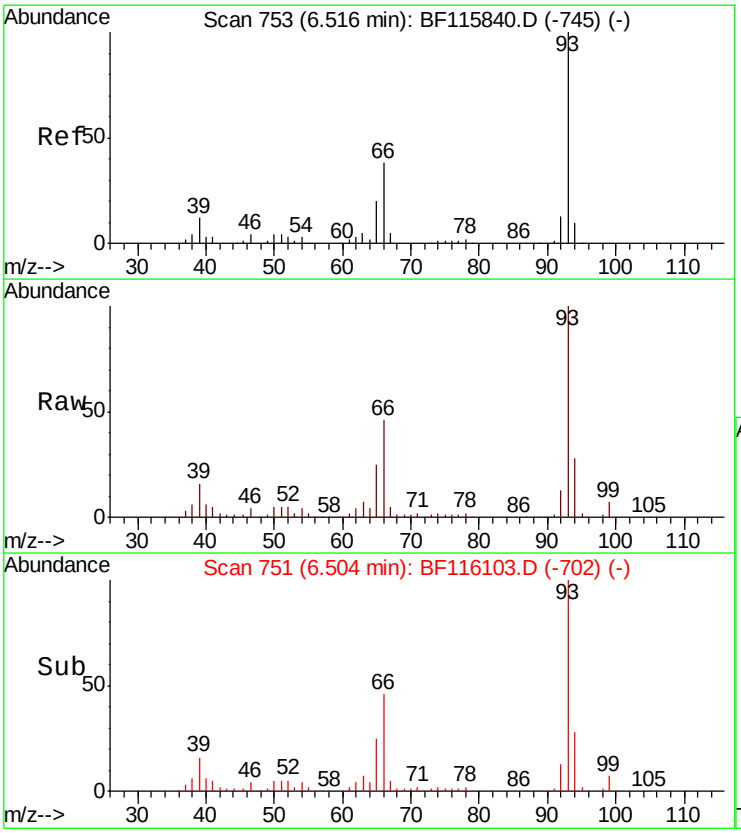

#5
2-Fluorophenol
Concen: 111.755 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:112 Resp: 879878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.2 | 45.4 | 68.2 |
| 63 | 30.8 | 23.7 | 35.5 |

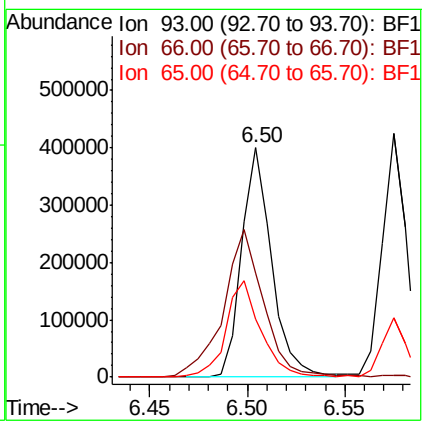


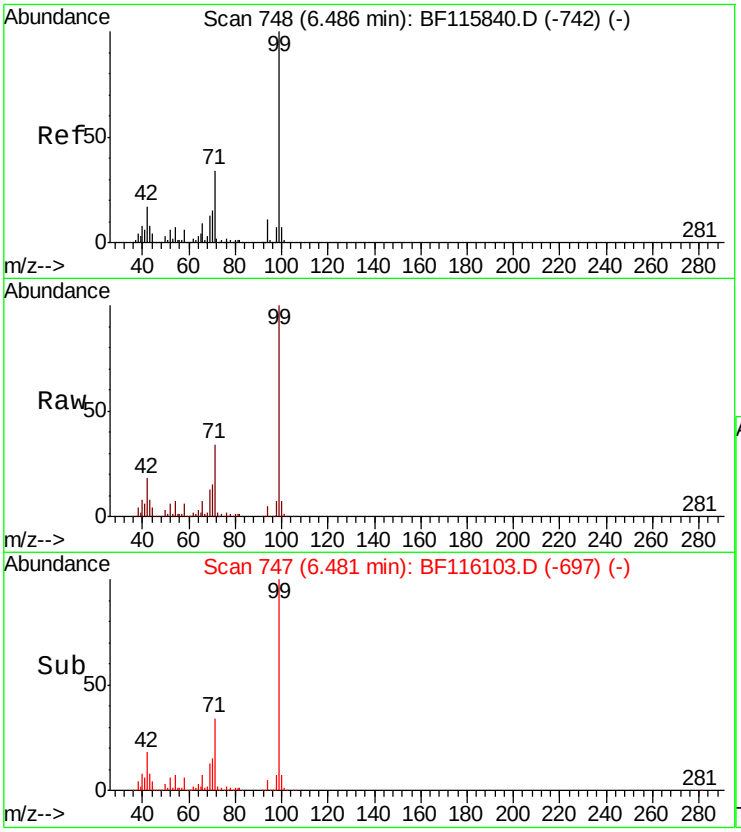




#6
Aniline
Concen: 29.905 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 93 Resp: 425426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.5 | 32.2 | 48.4 |
| 65 | 25.3 | 17.0 | 25.6 |



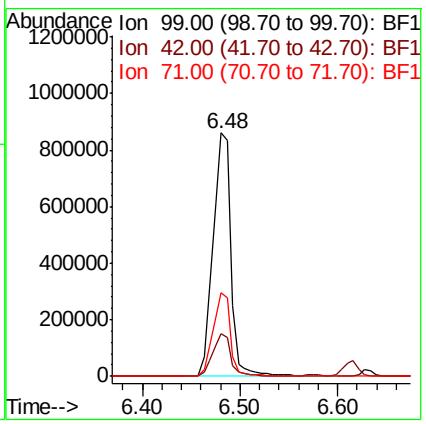


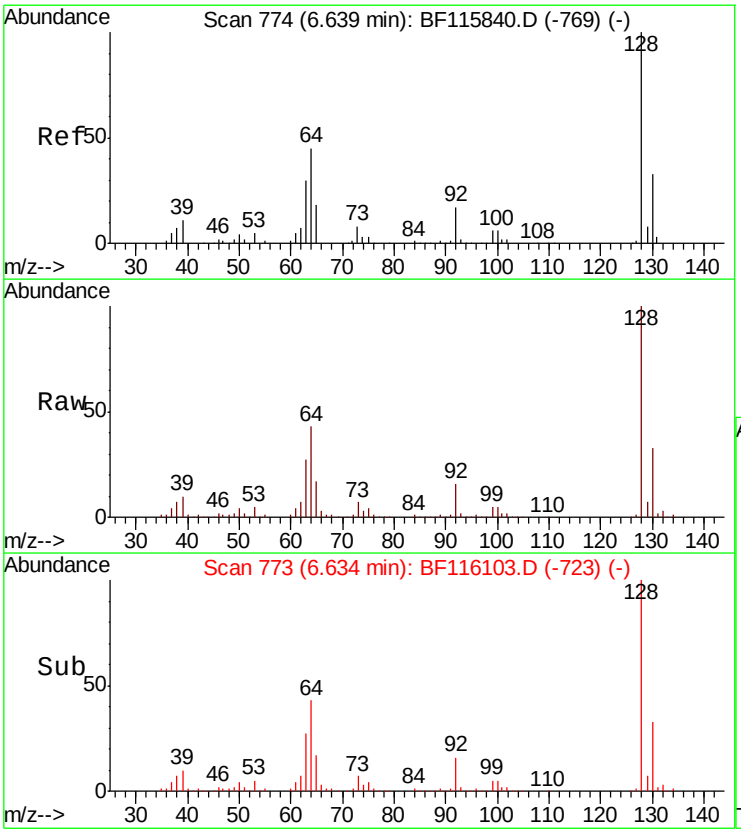

#7
Phenol-d6
Concen: 110.444 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 99 Resp: 1097101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 13.8 | 20.8 |
| 71 | 34.3 | 27.3 | 40.9 |

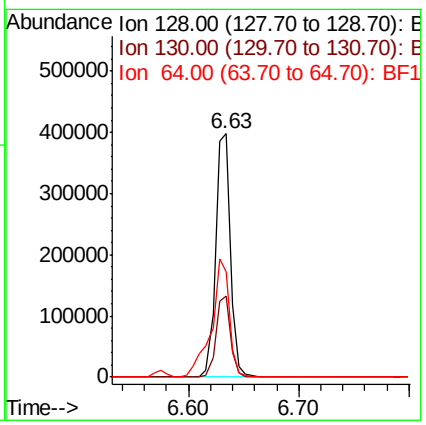


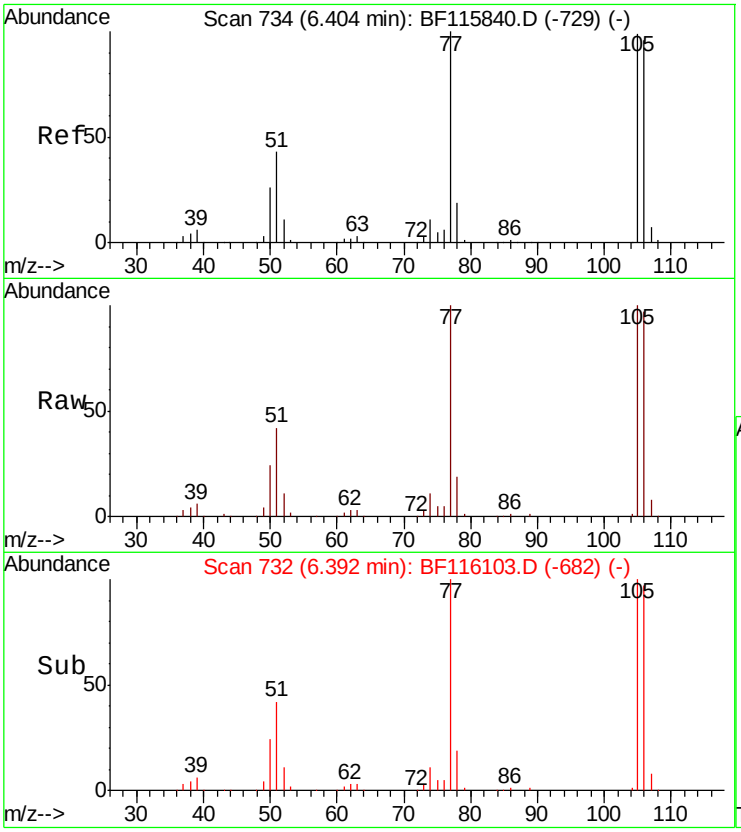




#8
2-Chlorophenol
Concen: 42.599 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:128 Resp: 370876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.3 | 12.9 | 52.9 |
| 64 | 43.3 | 24.3 | 64.3 |



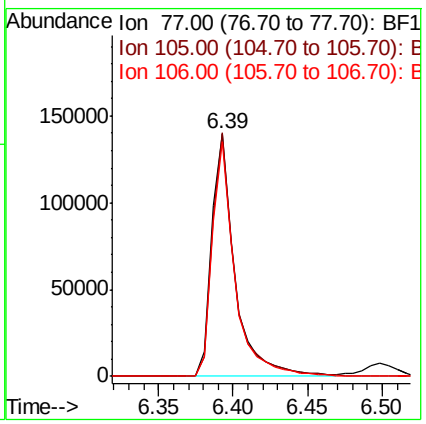


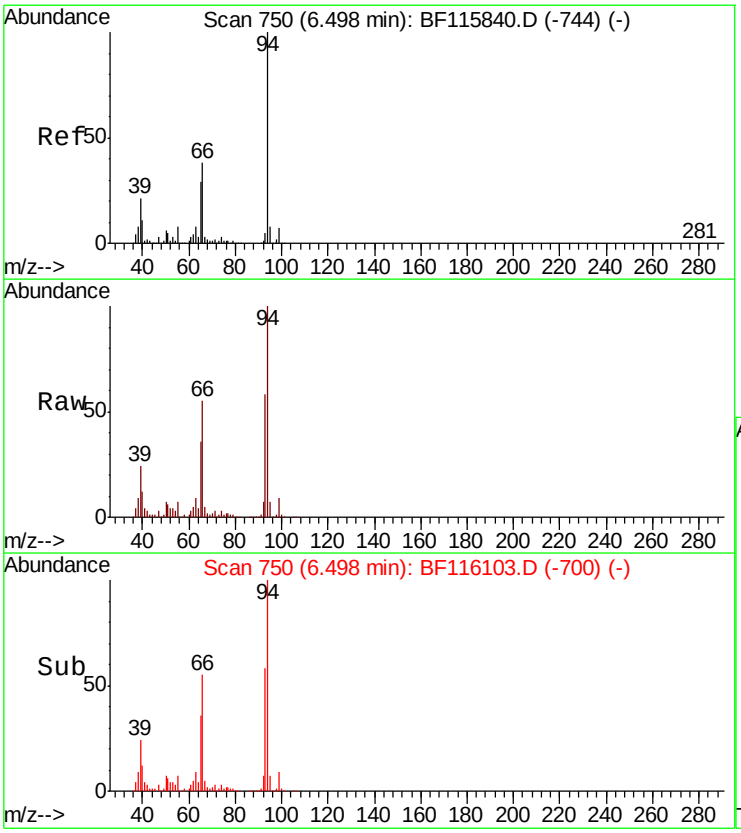

#9
Benzaldehyde
Concen: 21.976 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 77 Resp: 150623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.3 | 79.2 | 119.2 |
| 106 | 96.8 | 74.3 | 114.3 |

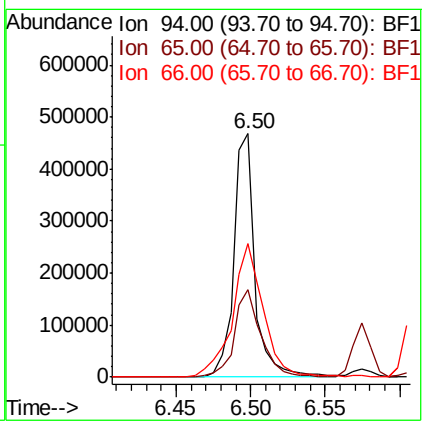


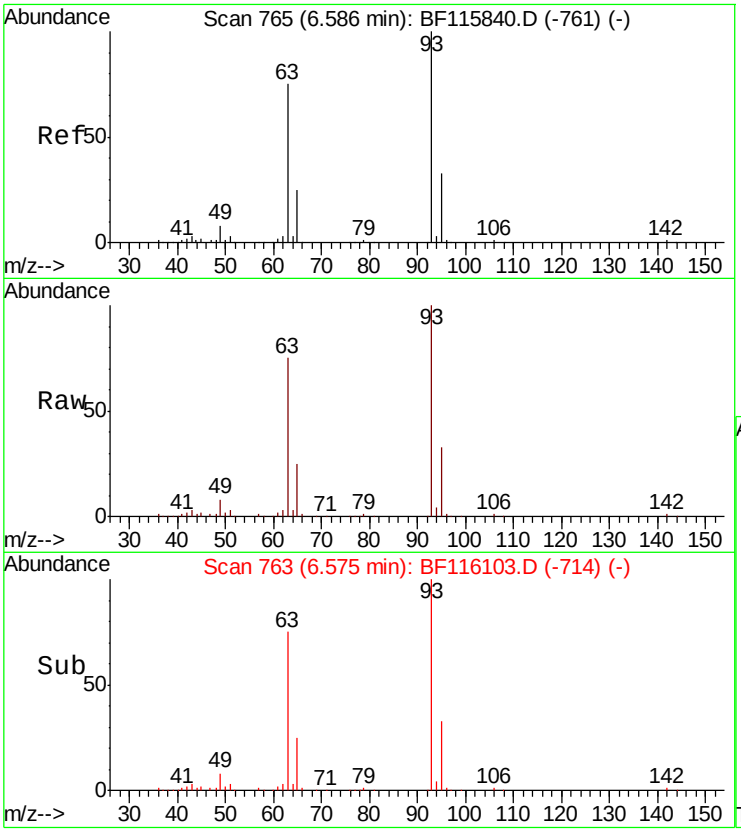




#10
Phenol
Concen: 39.638 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 94 Resp: 463675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.2 | 16.8 | 56.8 |
| 66 | 54.8 | 34.2 | 74.2 |



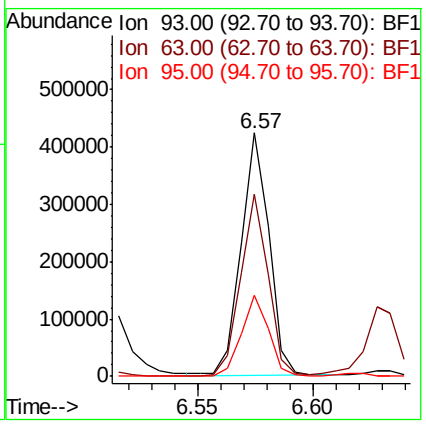


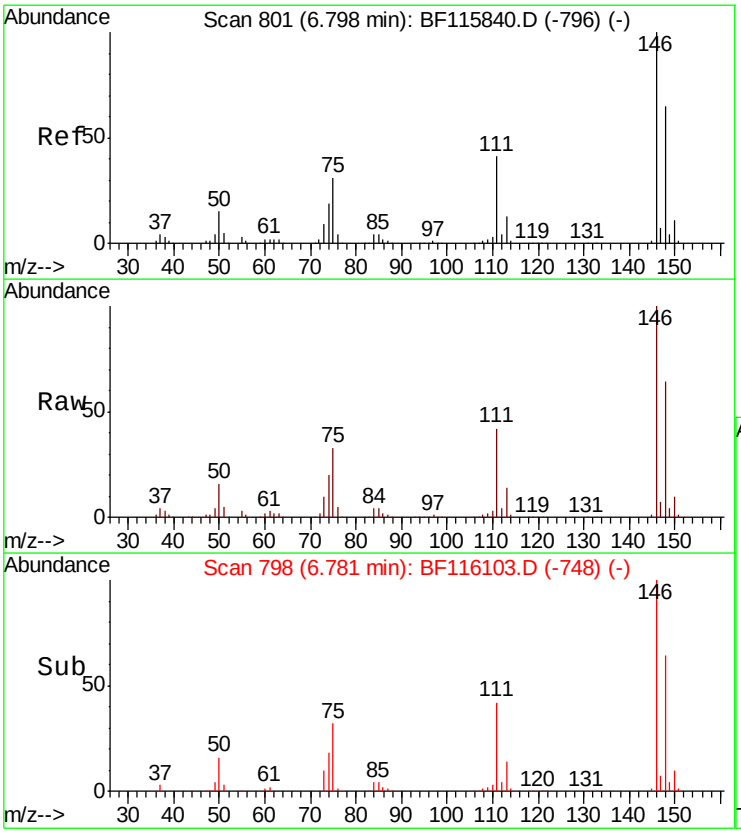

#11
bis(2-Chloroethyl)ether
Concen: 41.534 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 93 Resp: 357204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.9 | 51.9 | 91.9 |
| 95 | 33.3 | 13.0 | 53.0 |

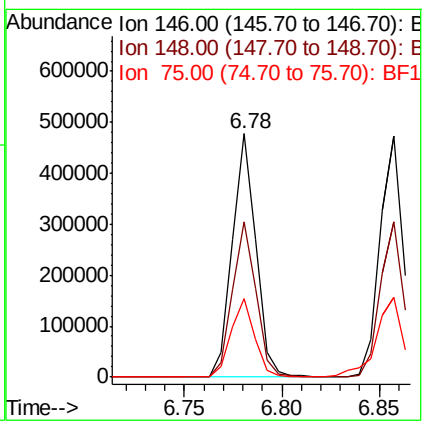


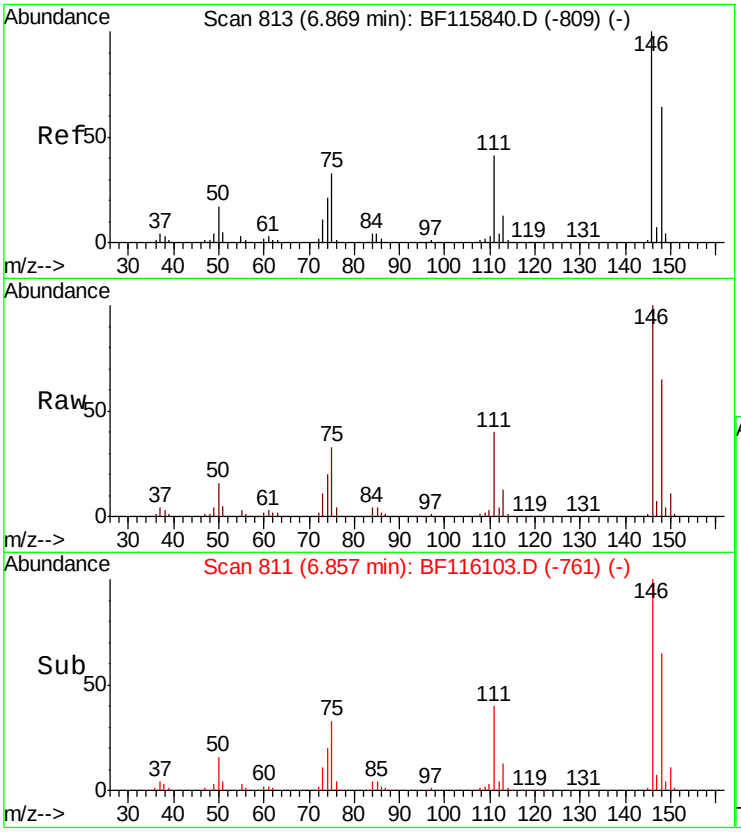




#12
1,3-Dichlorobenzene
Concen: 39.785 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:146 Resp: 400308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.3 | 76.9 |
| 75 | 32.5 | 27.4 | 41.2 |



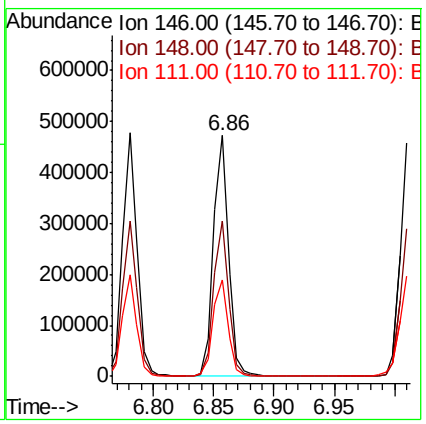


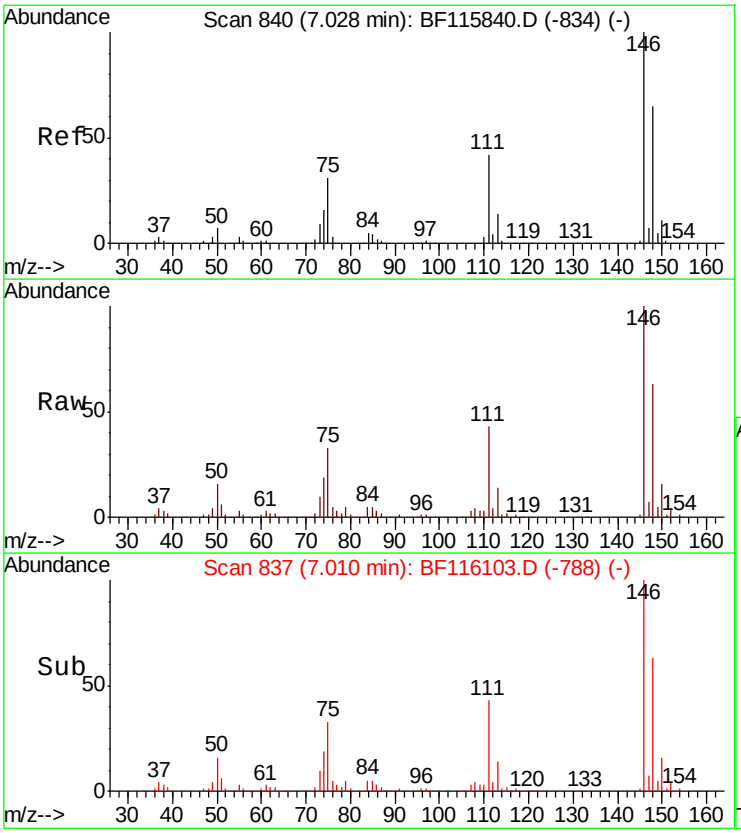

#13
1,4-Dichlorobenzene
Concen: 39.989 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:146 Resp: 402874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.3 | 76.9 |
| 111 | 40.2 | 34.0 | 51.0 |

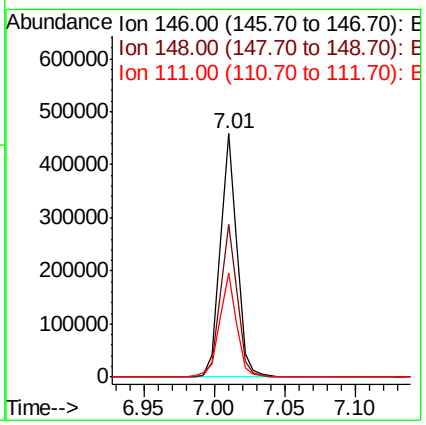


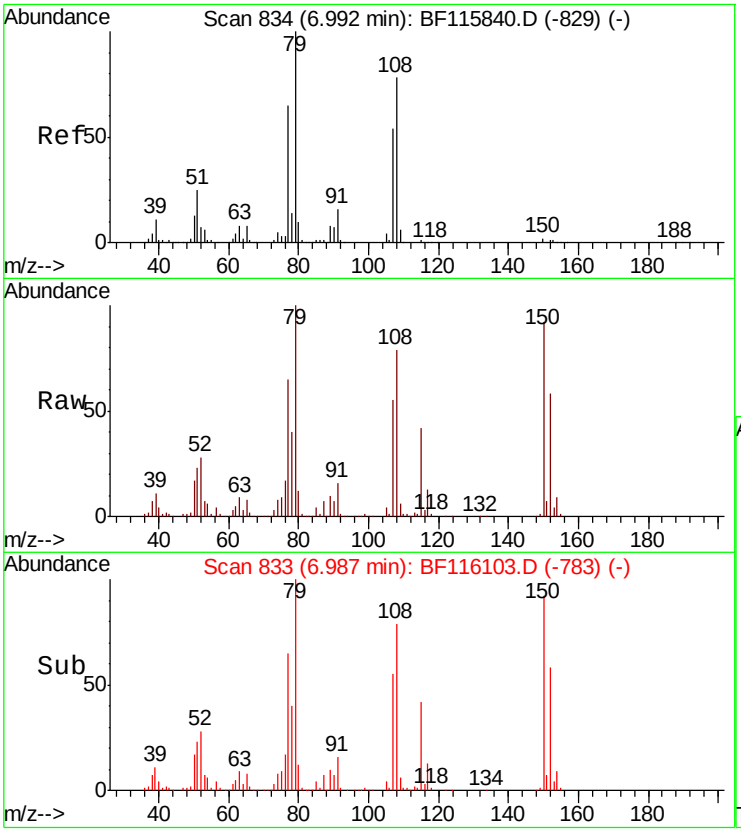




#14
1,2-Dichlorobenzene
Concen: 40.593 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:146 Resp: 376565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 51.2 | 76.8 |
| 111 | 42.9 | 33.5 | 50.3 |



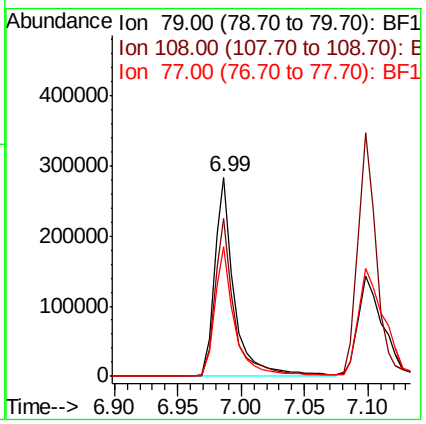


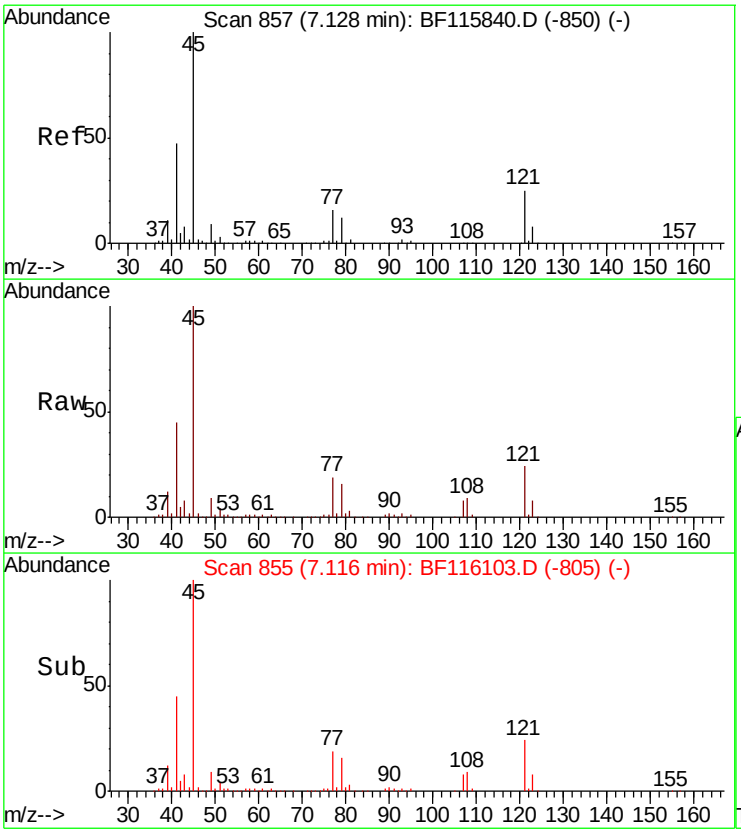

#15
Benzyl Alcohol
Concen: 40.980 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 79 Resp: 308929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.3 | 62.7 | 94.1 |
| 77 | 65.4 | 52.2 | 78.2 |

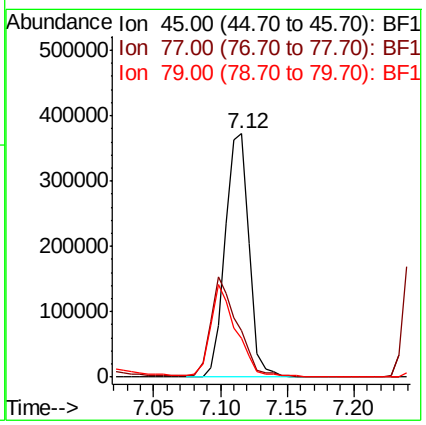


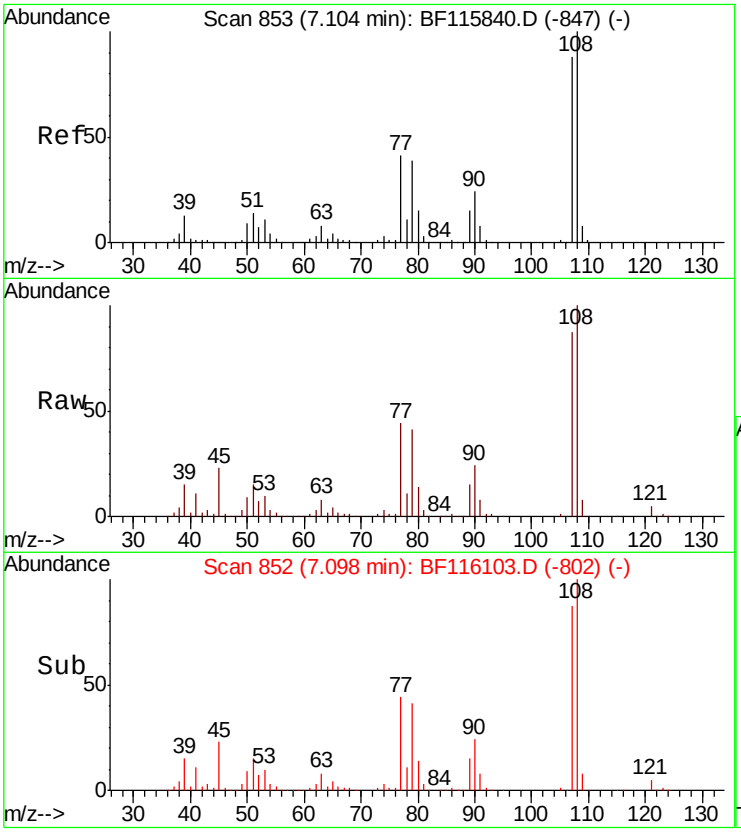




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.185 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 45 Resp: 471403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.2 | 0.0 | 40.0 |
| 79 | 15.7 | 0.0 | 35.9 |



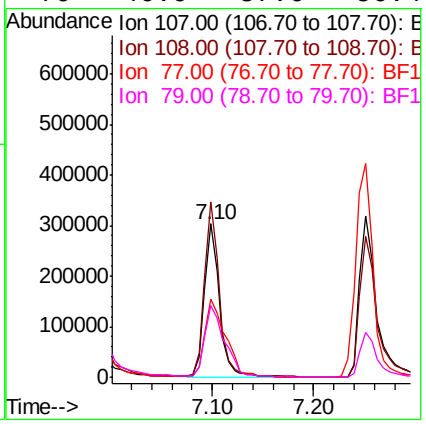


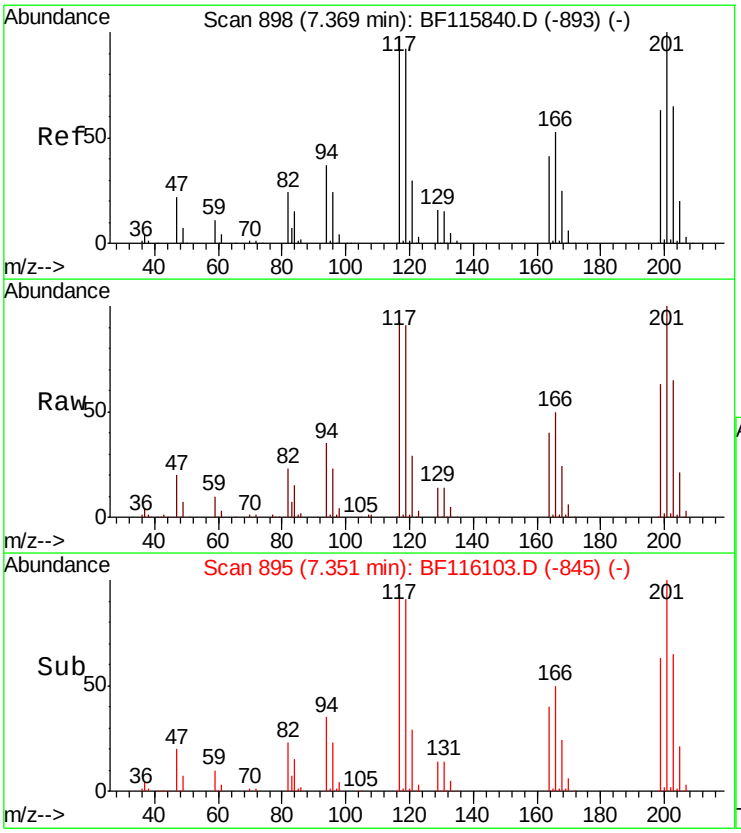

#17
2-Methylphenol
Concen: 41.929 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:107 Resp: 309102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.5 | 91.2 | 136.8 |
| 77 | 50.6 | 40.3 | 60.5 |
| 79 | 46.9 | 37.6 | 56.4 |

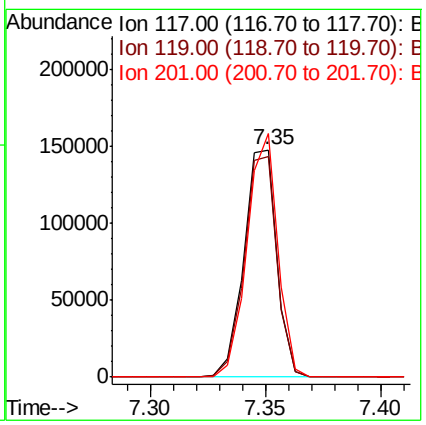


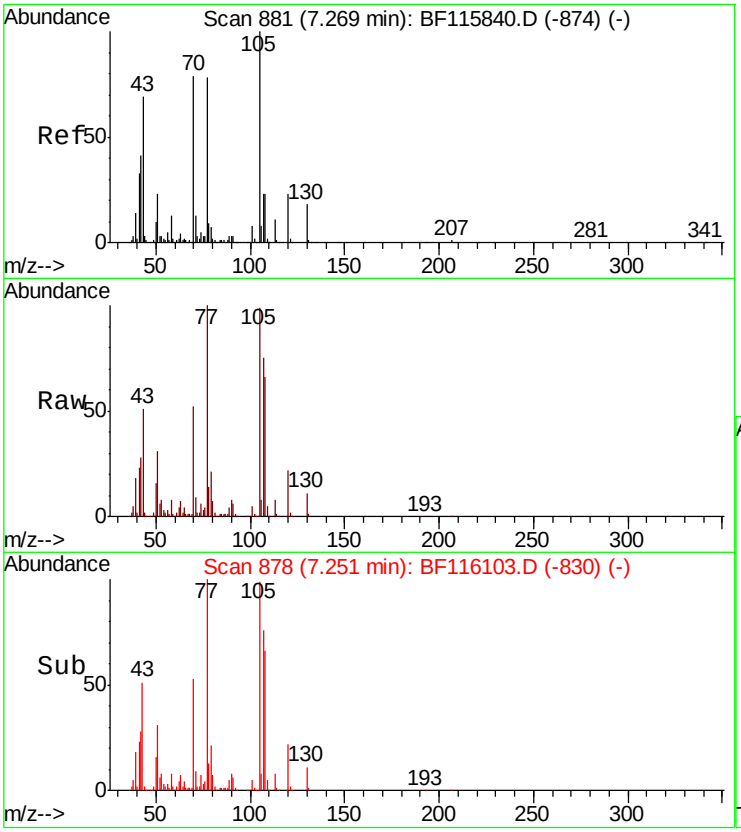




#18
Hexachloroethane
Concen: 39.818 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:117 Resp: 147692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 76.1 | 114.1 |
| 201 | 107.0 | 77.0 | 115.4 |



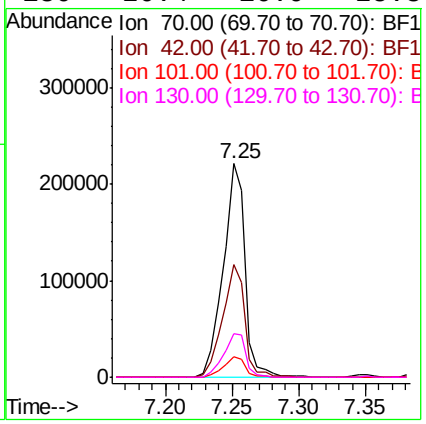


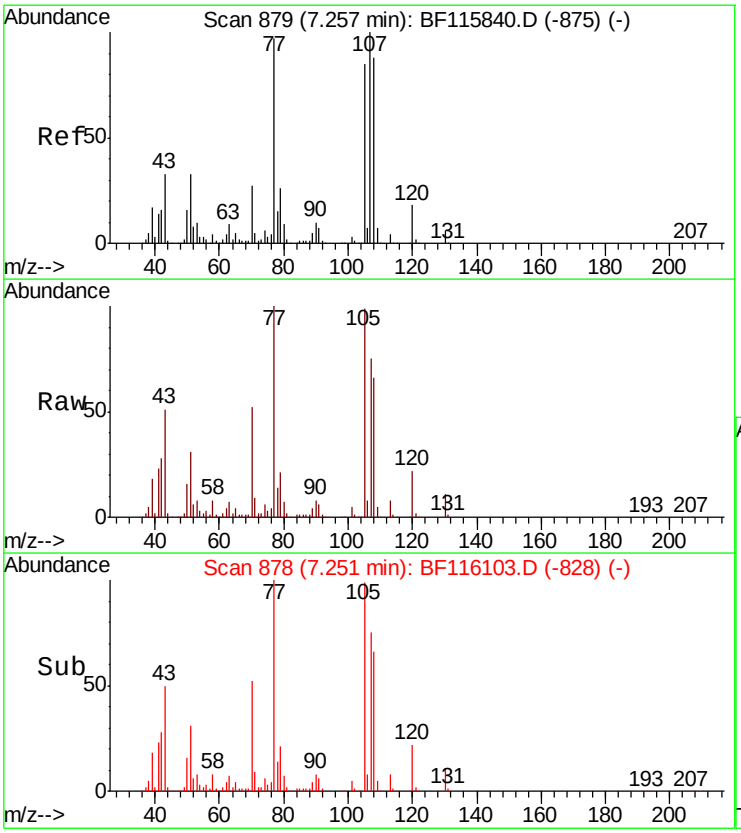

#19
n-Nitroso-di-n-propylamine
Concen: 41.483 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 70 Resp: 255353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.0 | 40.9 | 61.3 |
| 101 | 9.7 | 7.9 | 11.9 |
| 130 | 20.4 | 16.9 | 25.3 |

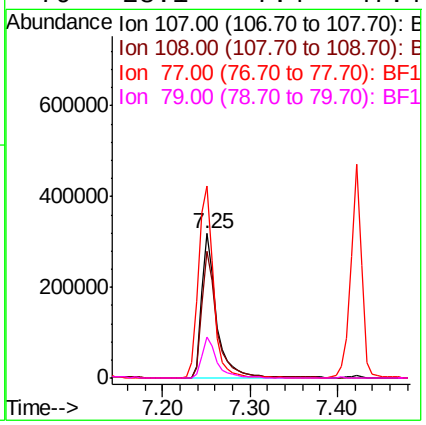


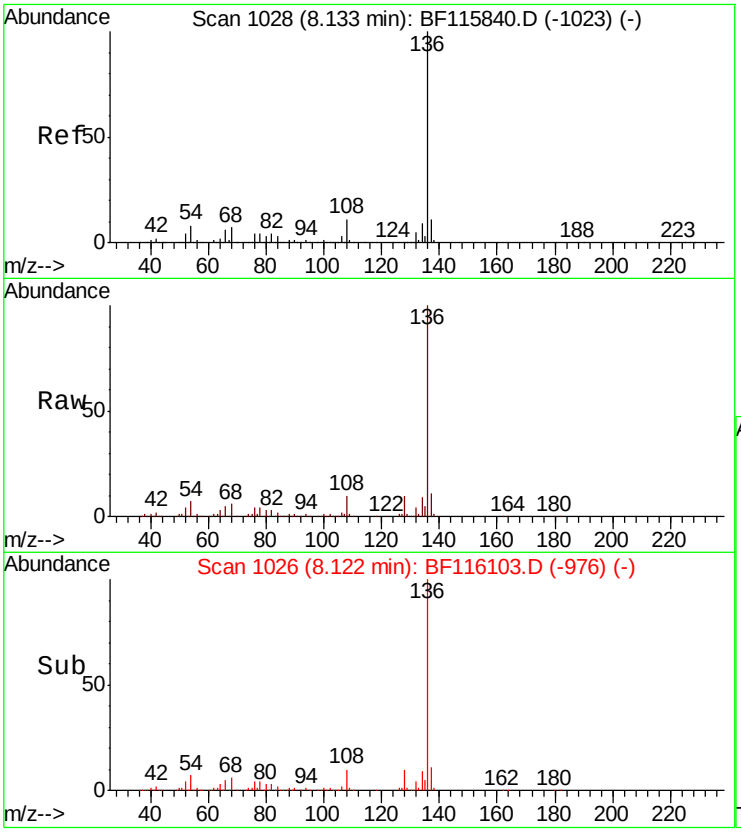




#20
3+4-Methylphenols
Concen: 43.066 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:107 Resp: 375704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.6 | 67.6 | 107.6 |
| 77 | 132.5 | 104.4 | 144.4 |
| 79 | 28.1 | 7.4 | 47.4 |



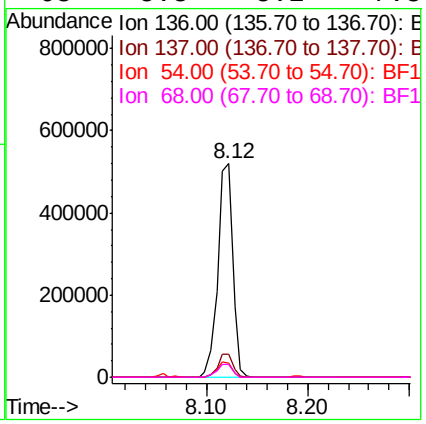


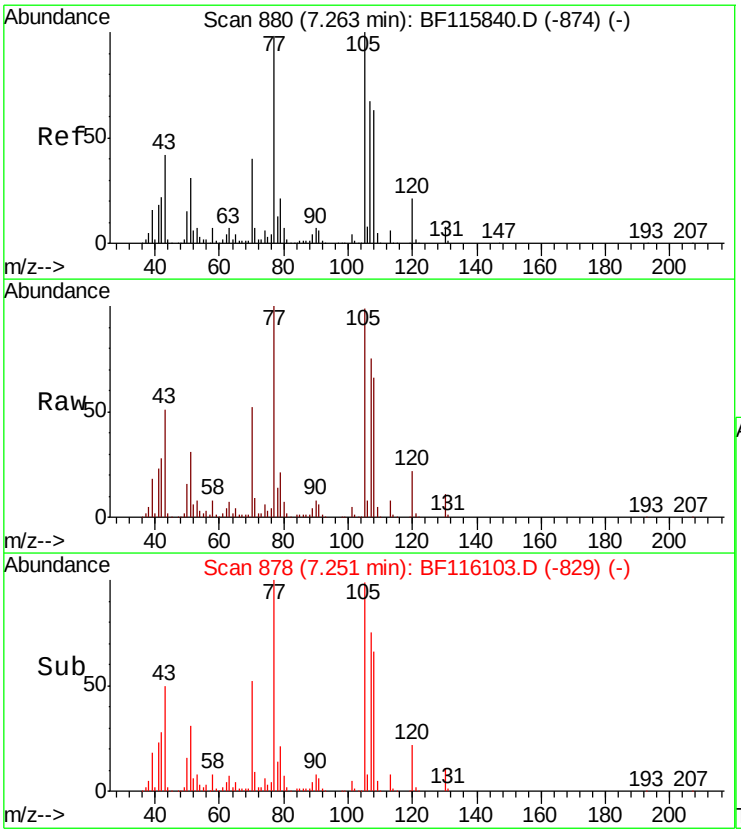

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:136 Resp: 533780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.0 | 13.4 |
| 54 | 6.5 | 5.8 | 8.6 |
| 68 | 5.8 | 5.2 | 7.8 |

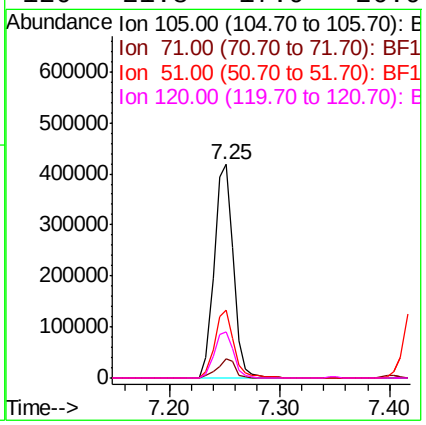


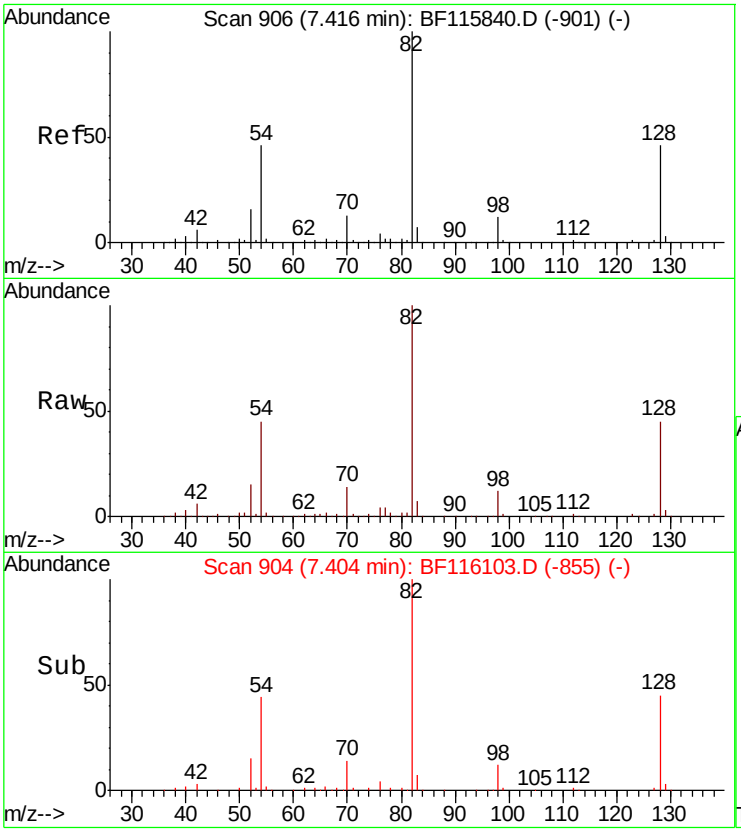




#22
Acetophenone
Concen: 42.871 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:105 Resp: 501875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.8 | 5.9 | 8.9 |
| 51 | 31.7 | 25.3 | 37.9 |
| 120 | 21.8 | 17.9 | 26.9 |



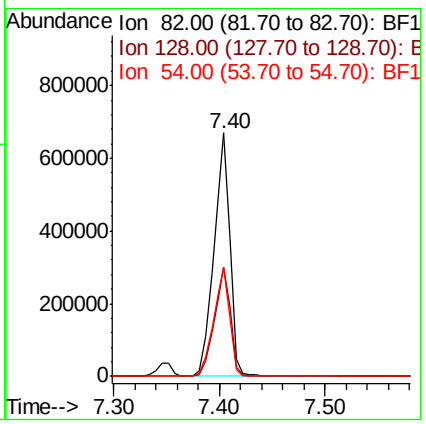


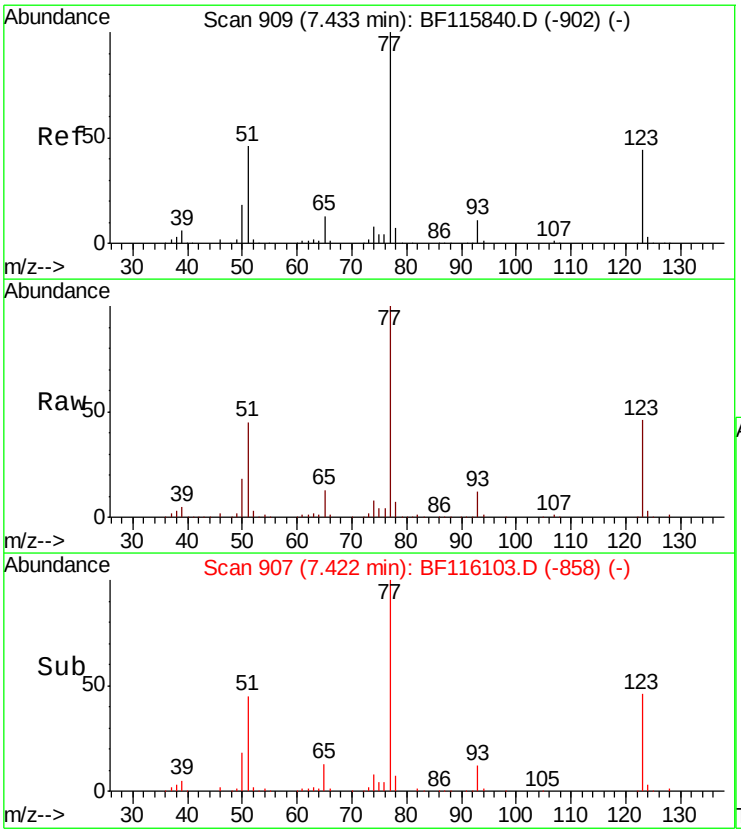

#23
Nitrobenzene-d5
Concen: 77.779 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 82 Resp: 719245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.9 | 36.5 | 54.7 |
| 54 | 44.6 | 36.0 | 54.0 |

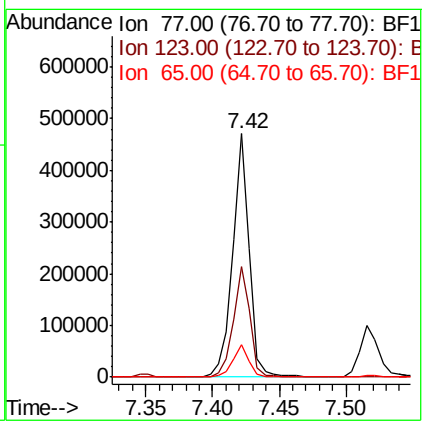


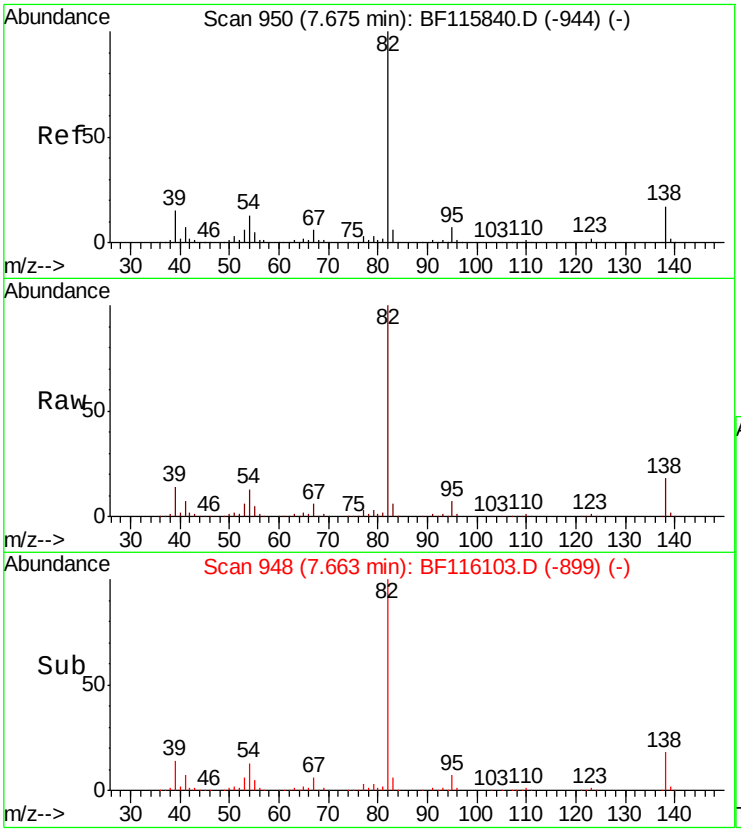




#24
Nitrobenzene
Concen: 40.998 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 77 Resp: 409358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.6 | 36.7 | 55.1 |
| 65 | 13.3 | 10.6 | 16.0 |



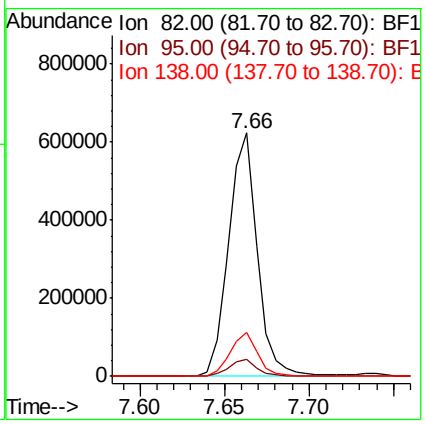


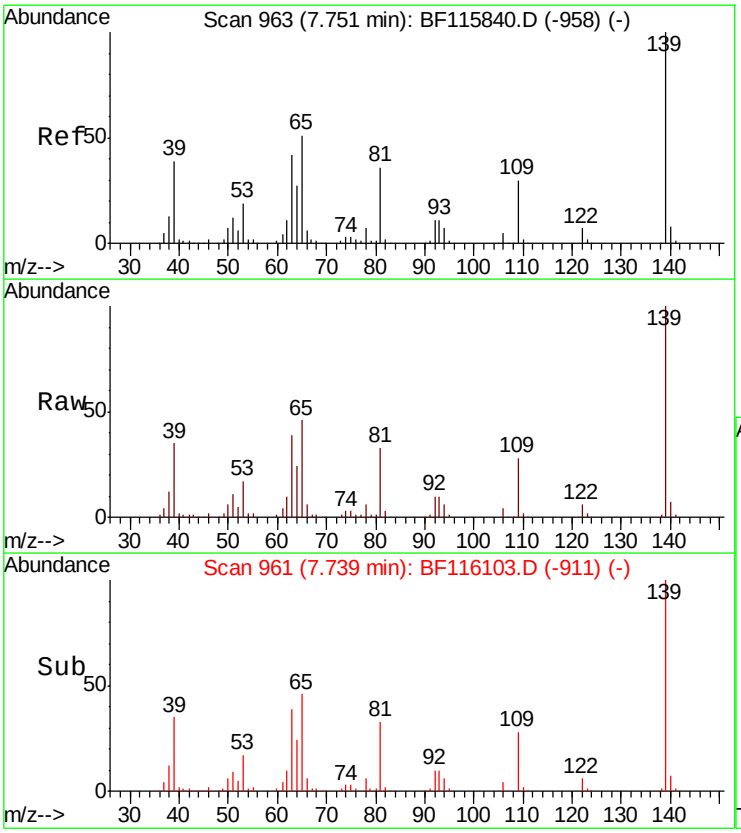

#25
Isophorone
Concen: 41.629 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 82 Resp: 736094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.4 | 8.0 |
| 138 | 18.2 | 14.5 | 21.7 |

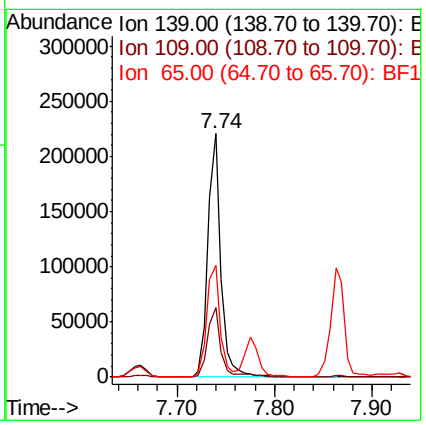


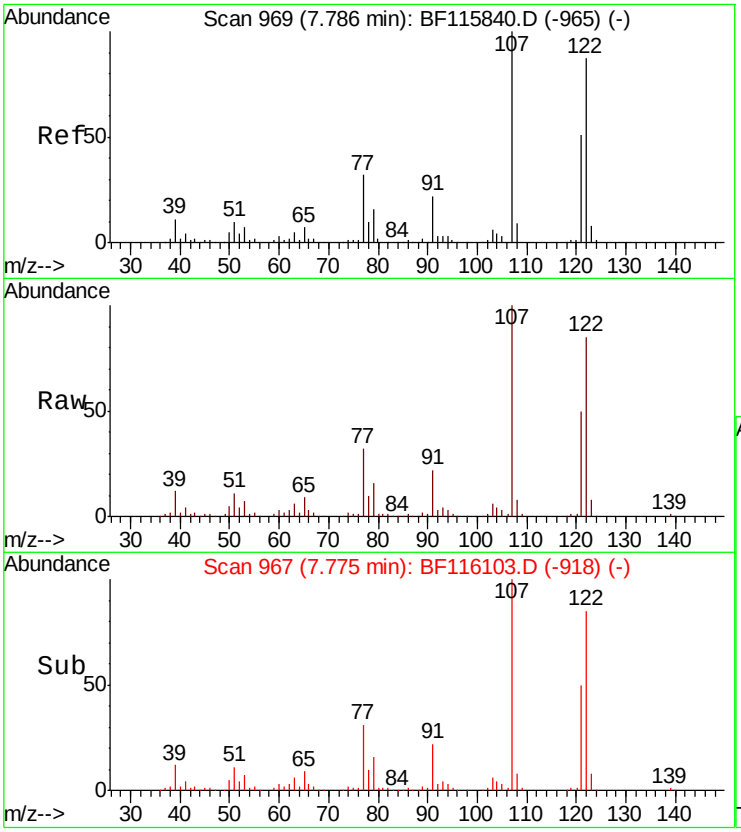




#26
2-Nitrophenol
Concen: 43.479 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:139 Resp: 204642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.4 | 23.4 | 35.2 |
| 65 | 45.9 | 41.1 | 61.7 |



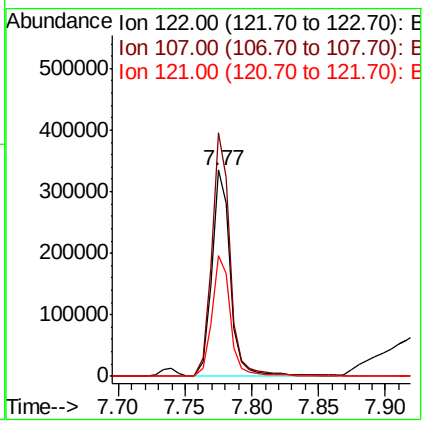


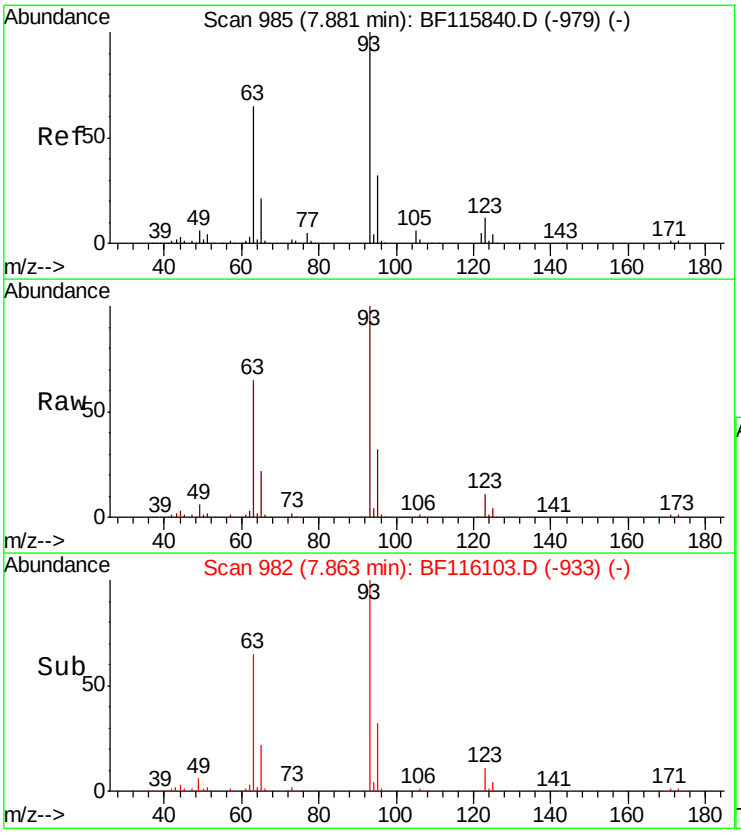

#27
2,4-Dimethylphenol
Concen: 46.277 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:122 Resp: 327695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.9 | 93.0 | 139.6 |
| 121 | 58.6 | 47.6 | 71.4 |

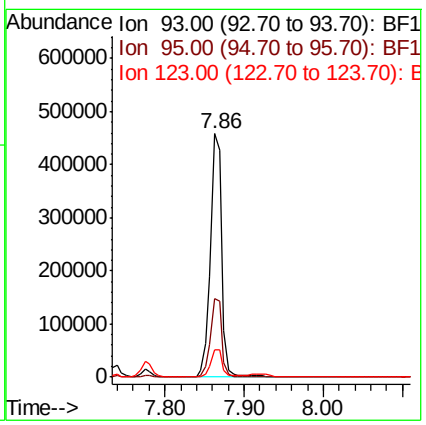


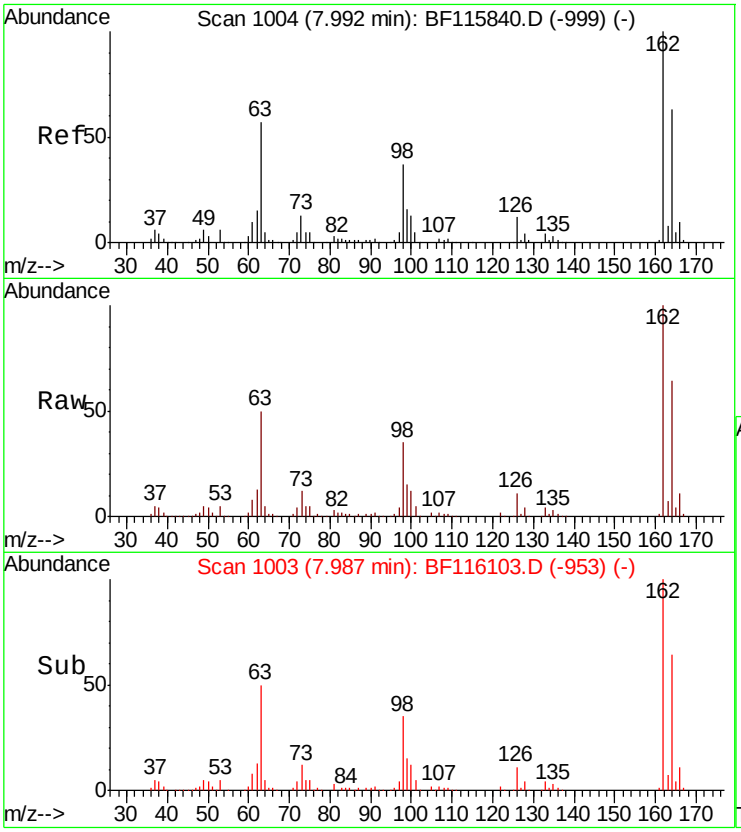




#28
bis(2-Chloroethoxy)methane
Concen: 41.371 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 93 Resp: 453408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 26.2 | 39.4 |
| 123 | 11.1 | 9.2 | 13.8 |



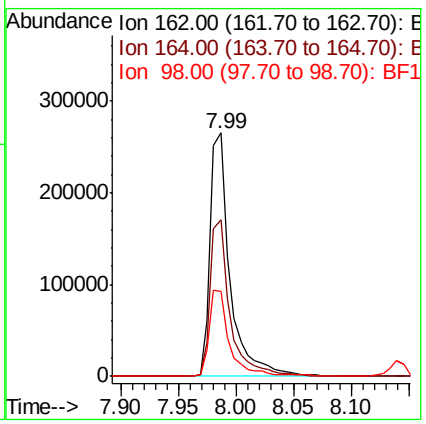


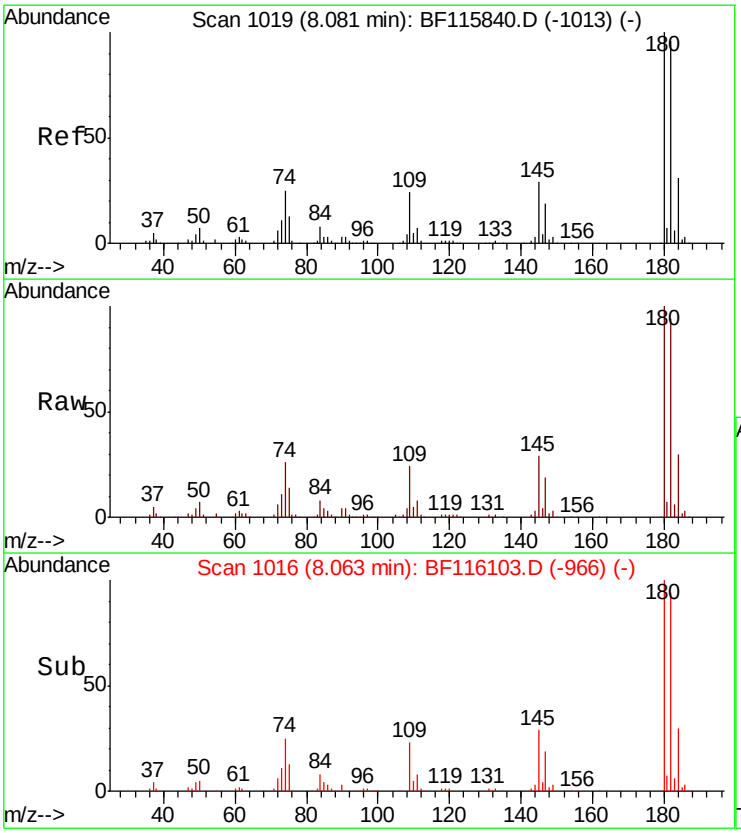

#29
2,4-Dichlorophenol
Concen: 42.818 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:162 Resp: 320139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 45.1 | 85.1 |
| 98 | 34.9 | 15.8 | 55.8 |

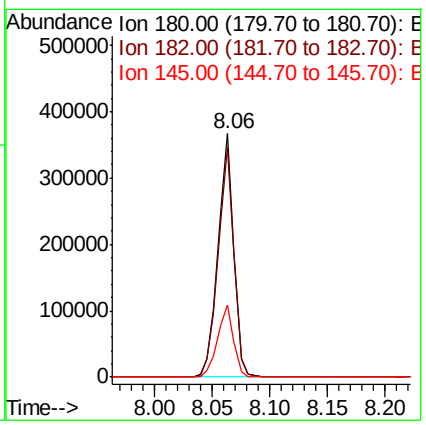


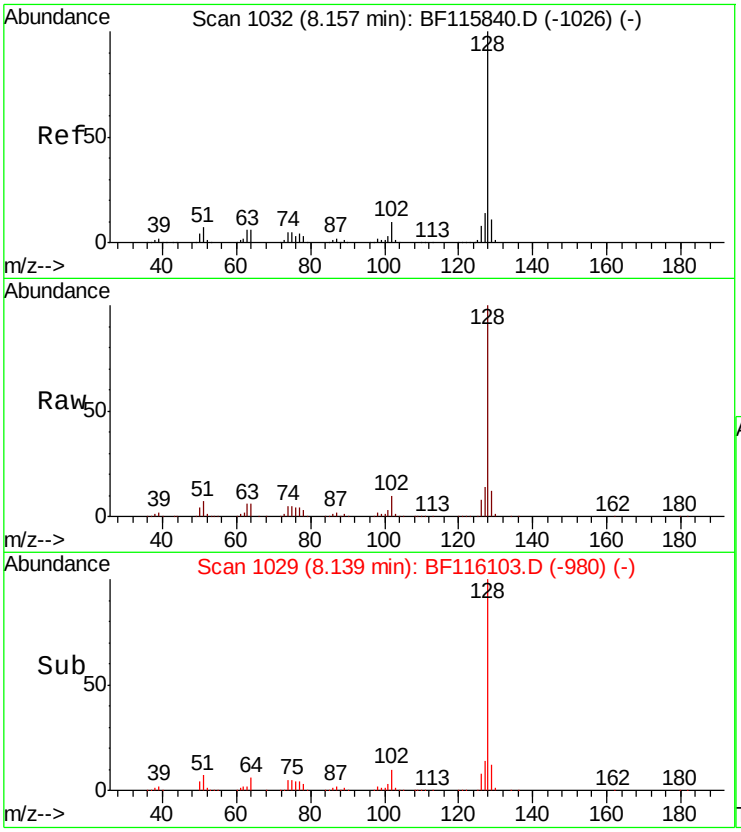




#30
1,2,4-Trichlorobenzene
Concen: 40.836 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:180 Resp: 348032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 75.7 | 113.5 |
| 145 | 29.4 | 24.3 | 36.5 |



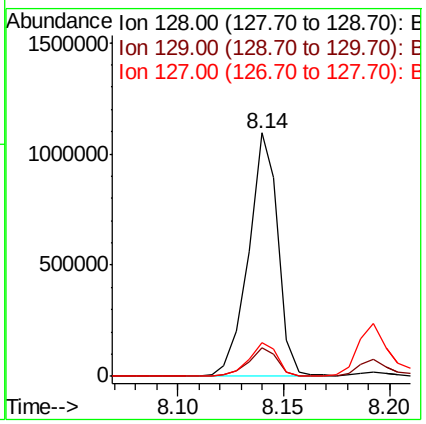


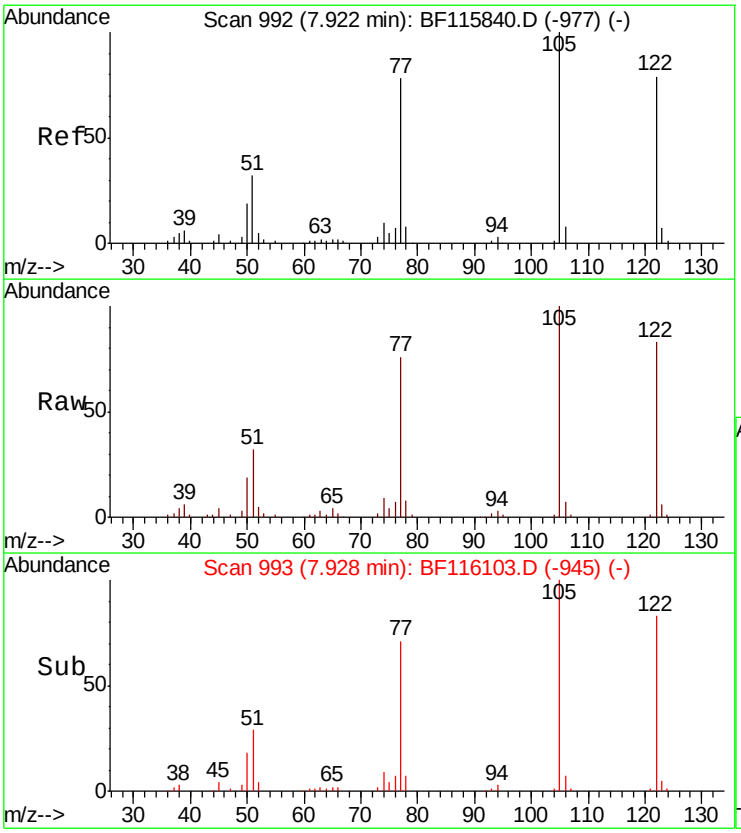

#31
Naphthalene
Concen: 42.189 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:128 Resp: 1059725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.3 | 13.9 |
| 127 | 13.6 | 11.4 | 17.0 |

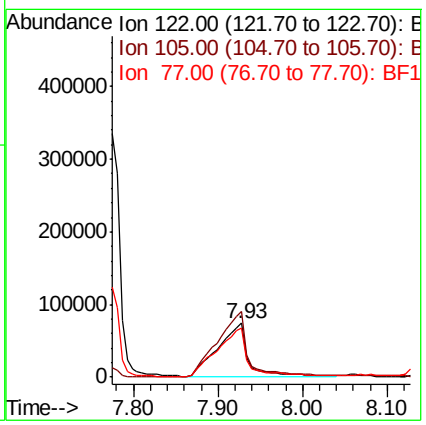


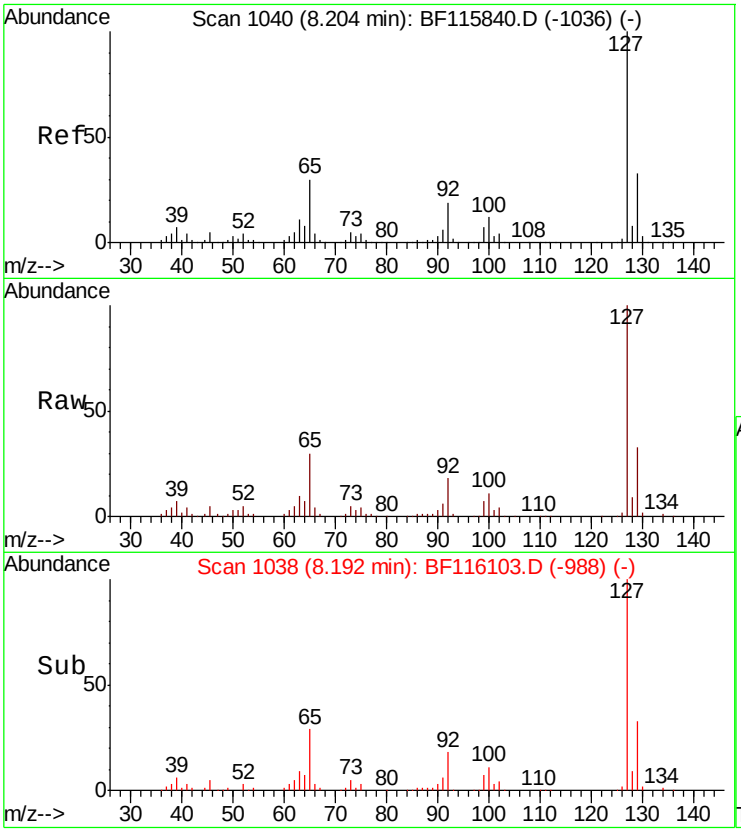




#32
Benzoic acid
Concen: 36.296 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:122 Resp: 181205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.8 | 106.1 | 146.1 |
| 77 | 91.2 | 76.7 | 116.7 |



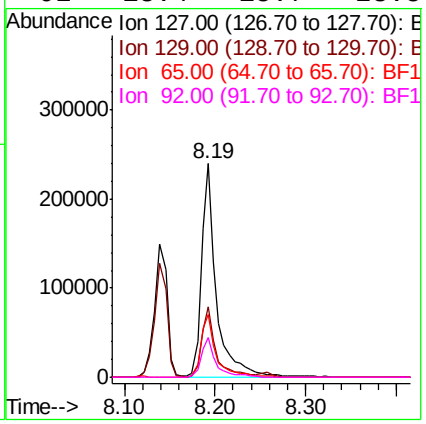


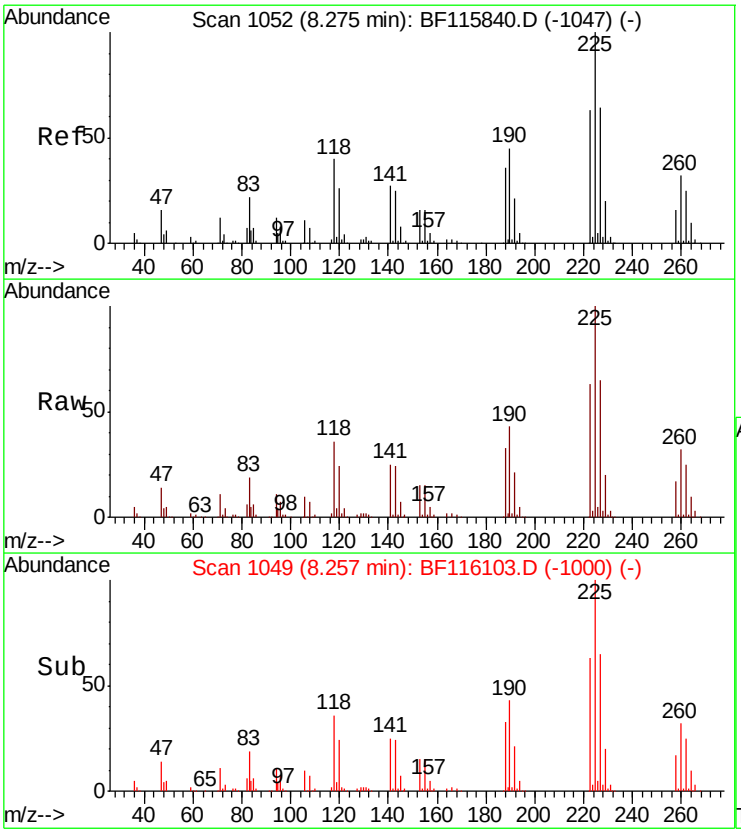

#33
4-Chloroaniline
Concen: 24.453 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:127 Resp: 274438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.8 | 26.1 | 39.1 |
| 65 | 29.5 | 24.9 | 37.3 |
| 92 | 18.4 | 15.7 | 23.5 |

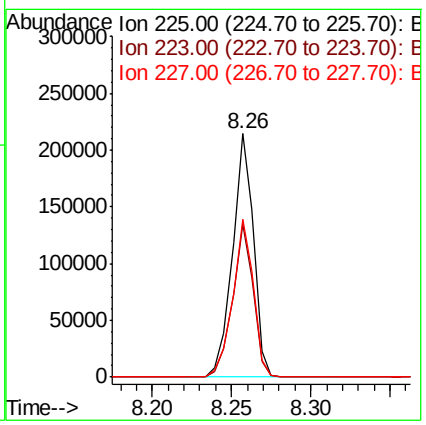


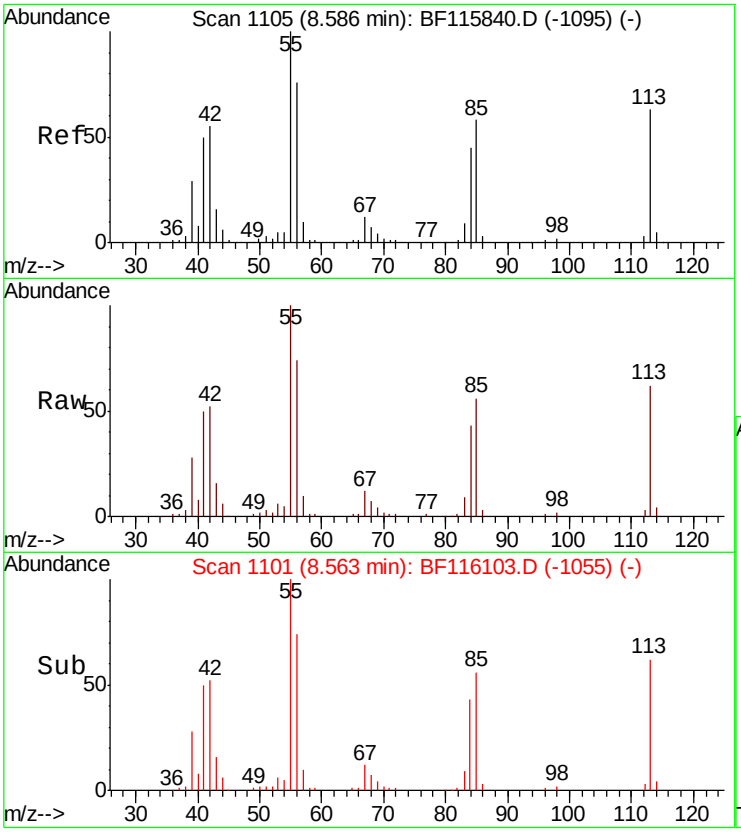




#34
Hexachlorobutadiene
Concen: 39.991 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:225 Resp: 196320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 50.0 | 75.0 |
| 227 | 64.9 | 51.0 | 76.4 |



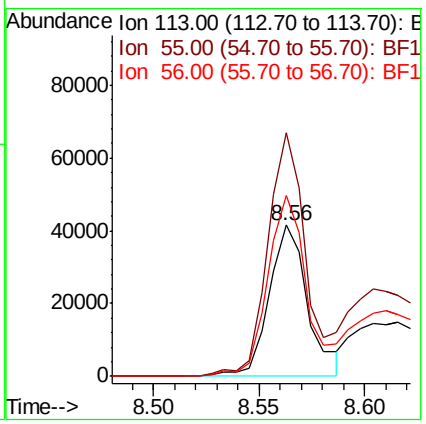


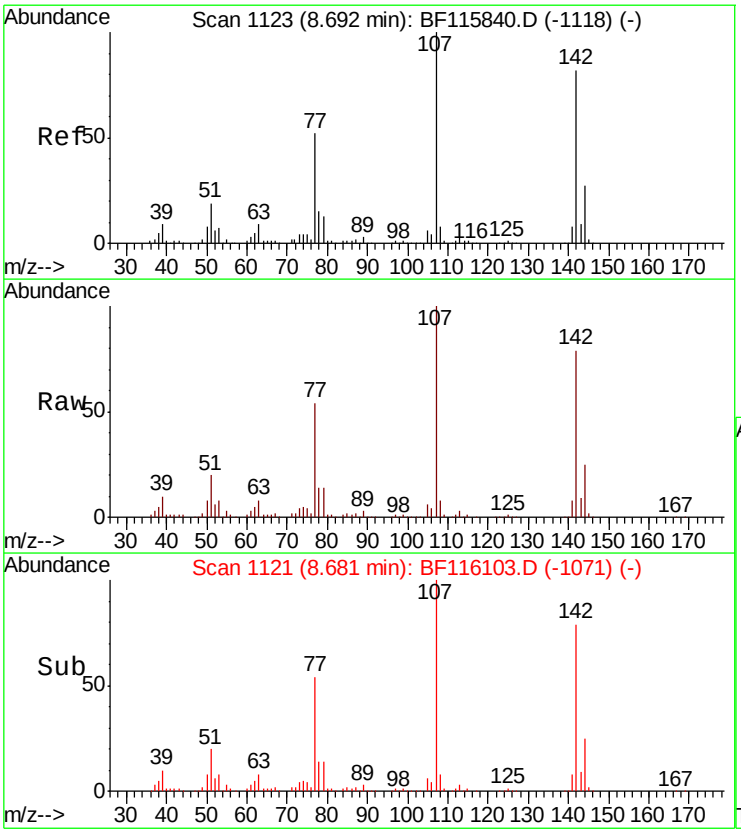

#35
Caprolactam
Concen: 21.782 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:113 Resp: 52672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 161.3 | 144.3 | 184.3 |
| 56 | 119.8 | 97.1 | 137.1 |

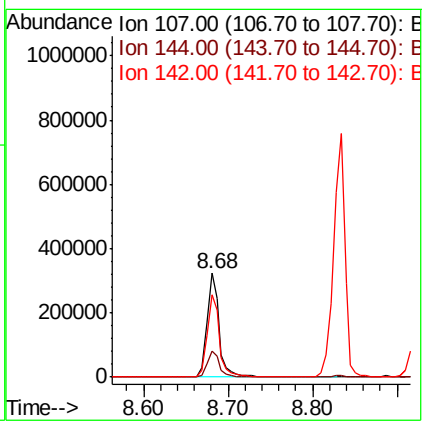


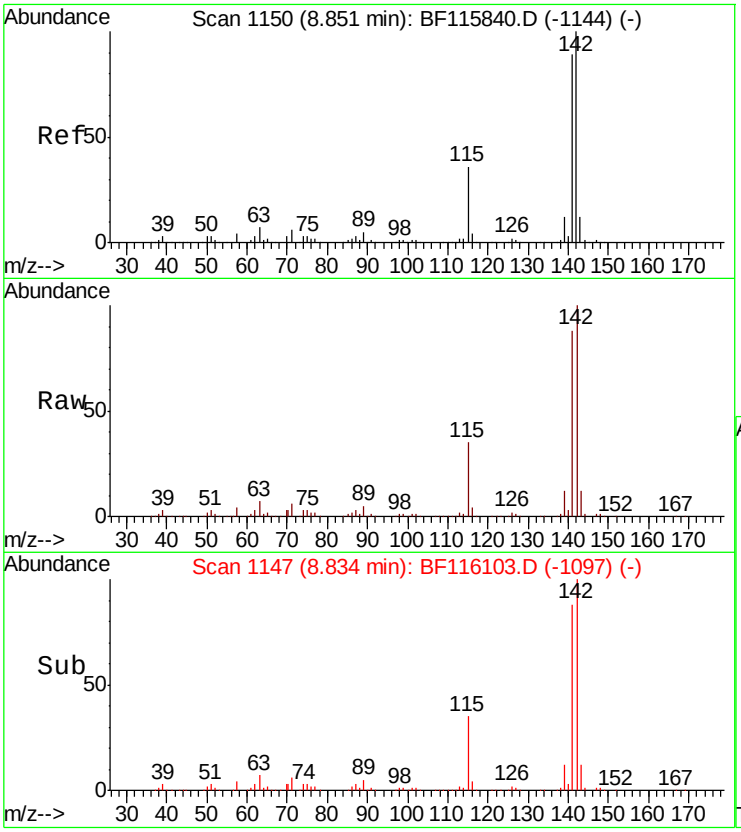




#36
4-Chloro-3-methylphenol
Concen: 42.158 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:107 Resp: 327913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.4 | 20.2 | 30.2 |
| 142 | 79.3 | 61.7 | 92.5 |



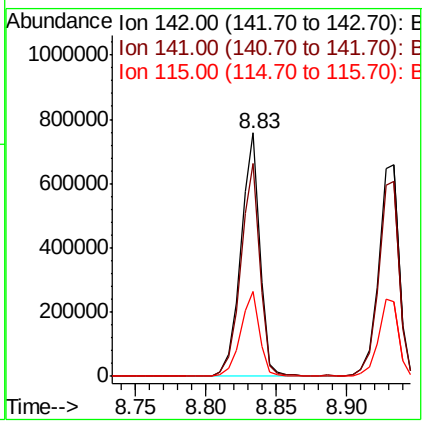


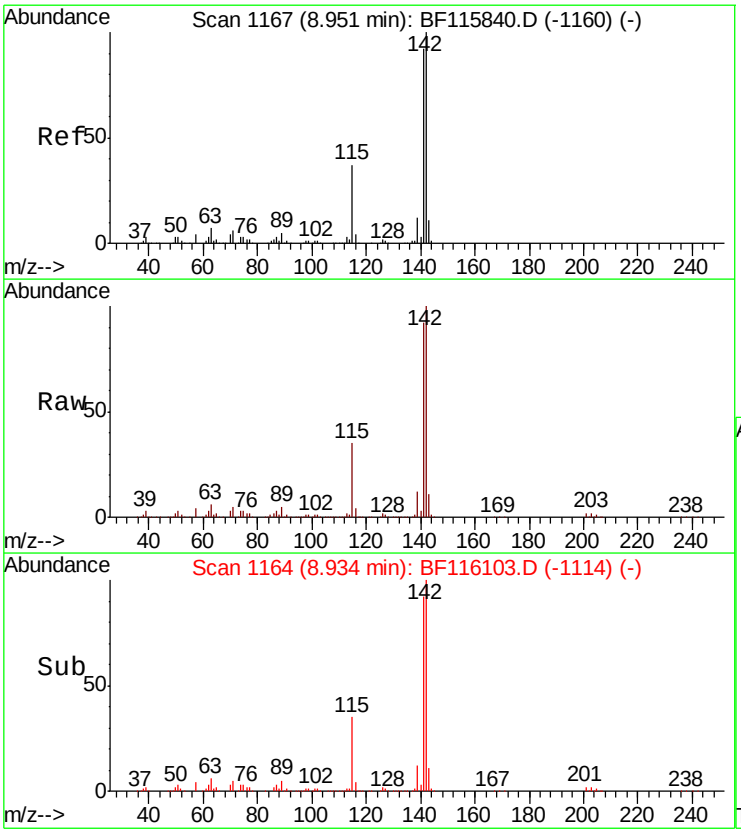

#37
2-Methylnaphthalene
Concen: 42.641 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:142 Resp: 705392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 70.9 | 106.3 |
| 115 | 34.9 | 29.0 | 43.6 |

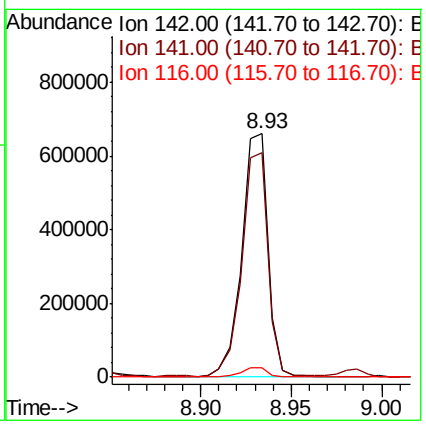


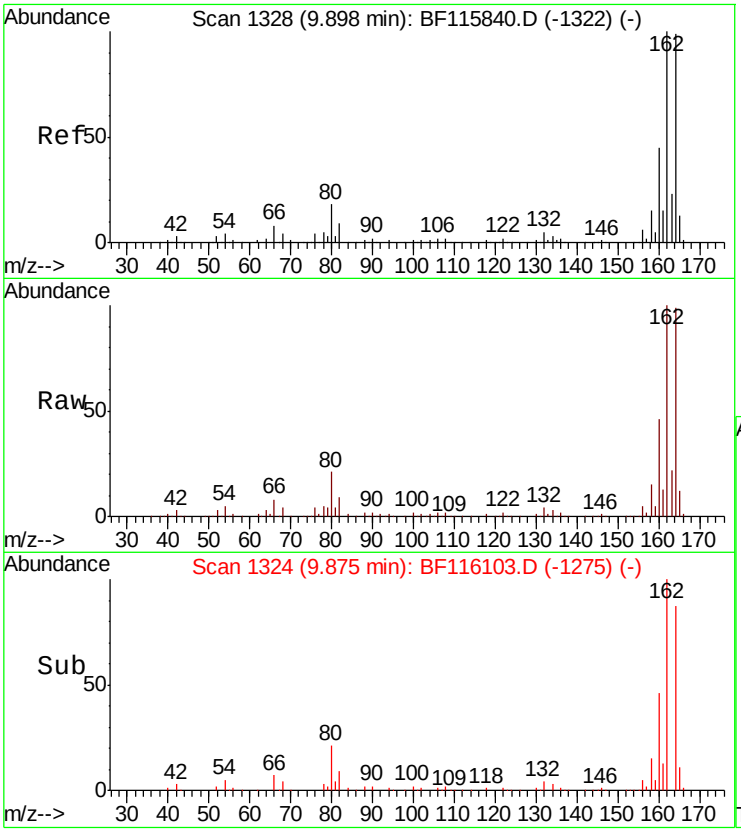




#38
1-Methylnaphthalene
Concen: 42.123 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:142 Resp: 659227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.2 | 74.4 | 111.6 |
| 116 | 3.7 | 3.1 | 4.7 |



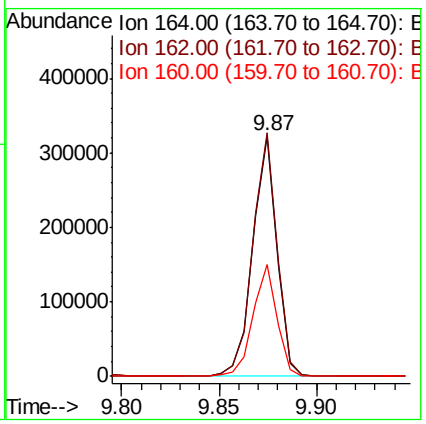


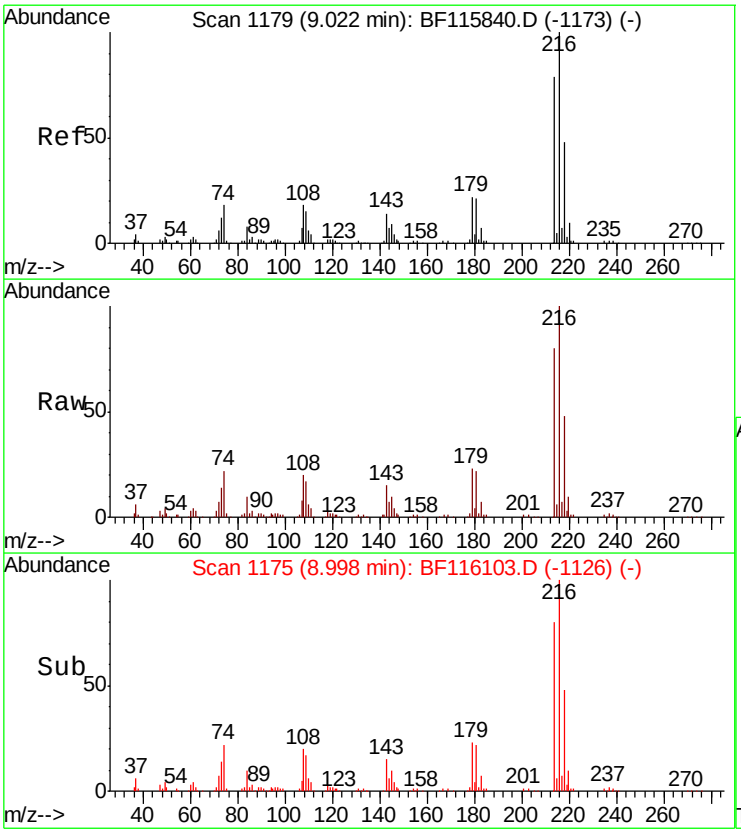

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:164 Resp: 277320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 82.6 | 124.0 |
| 160 | 46.6 | 37.6 | 56.4 |

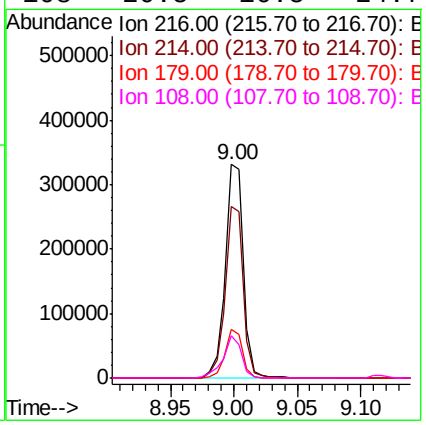


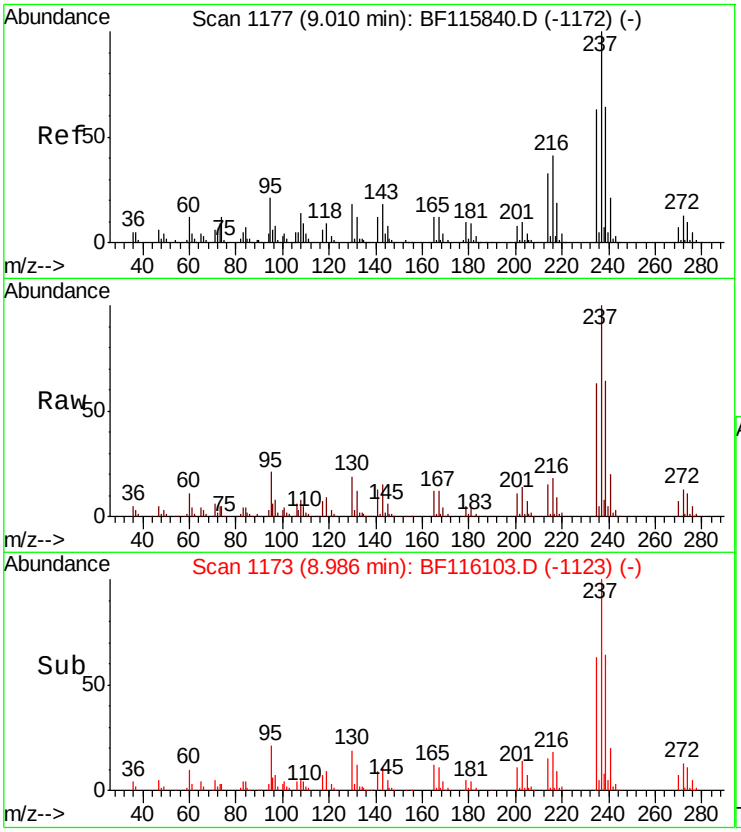




#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.739 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:216 Resp: 324276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.1 | 63.6 | 95.4 |
| 179 | 22.0 | 17.8 | 26.8 |
| 108 | 20.5 | 16.5 | 24.7 |



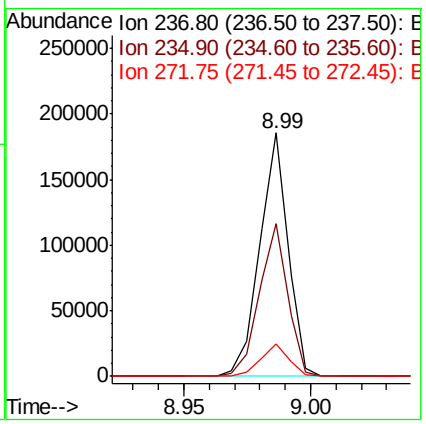


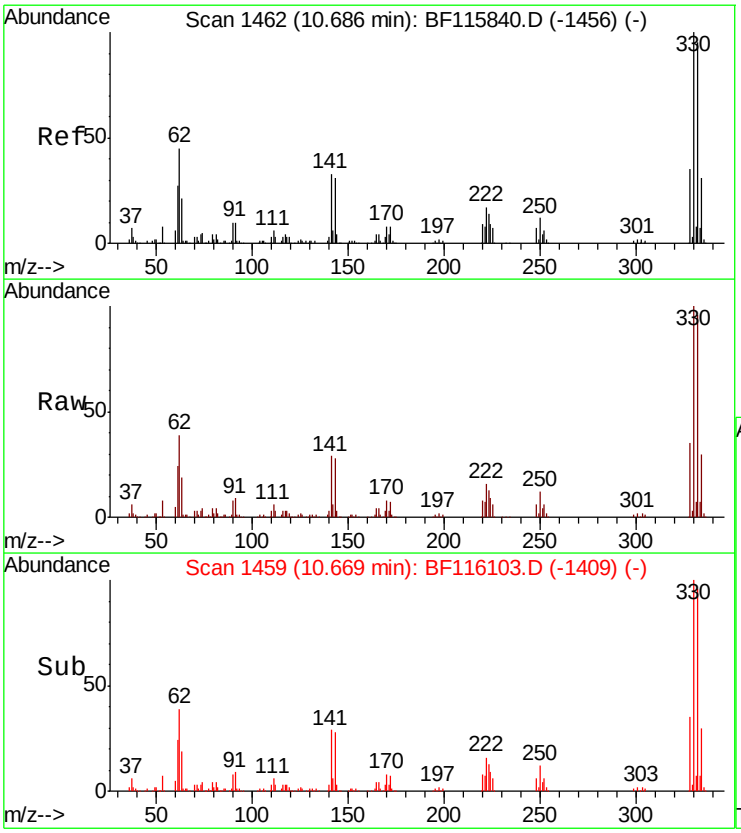

#41
Hexachlorocyclopentadiene
Concen: 46.407 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:237 Resp: 145518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.9 | 43.4 | 83.4 |
| 272 | 13.1 | 0.0 | 33.2 |

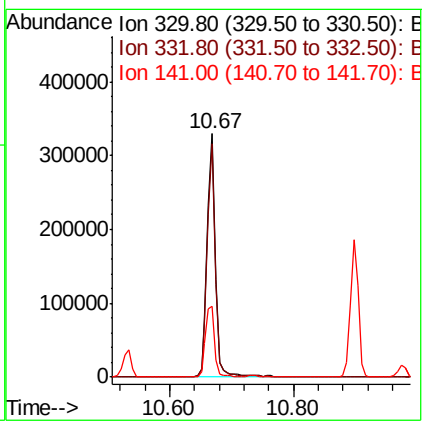


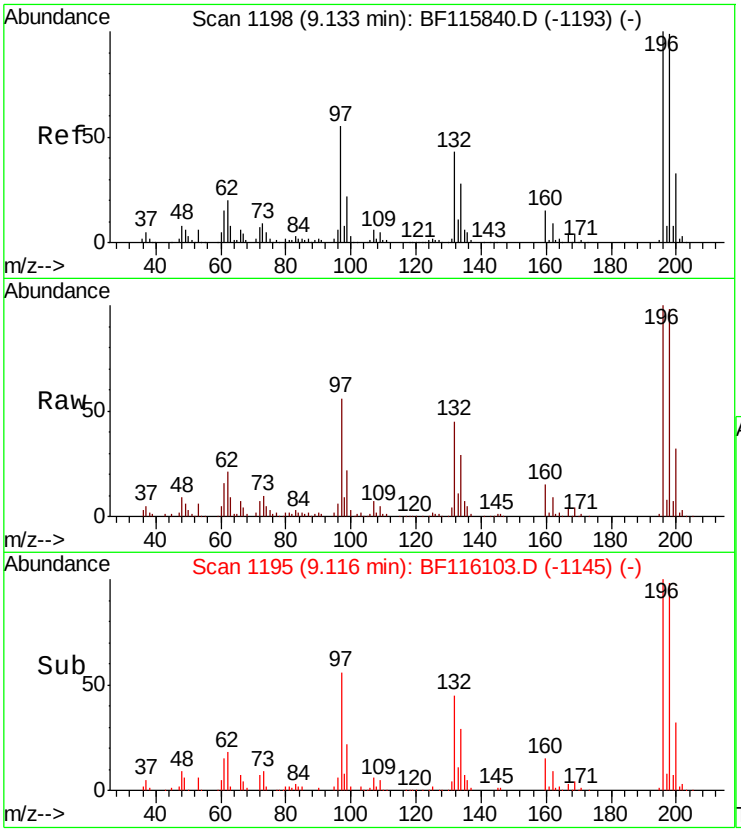




#42
2,4,6-Tribromophenol
Concen: 113.673 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:330 Resp: 305631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.6 | 76.8 | 115.2 |
| 141 | 32.5 | 26.3 | 39.5 |



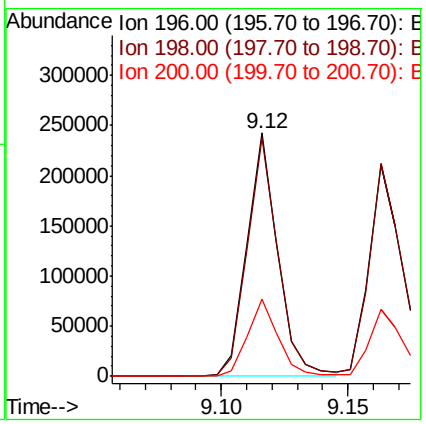


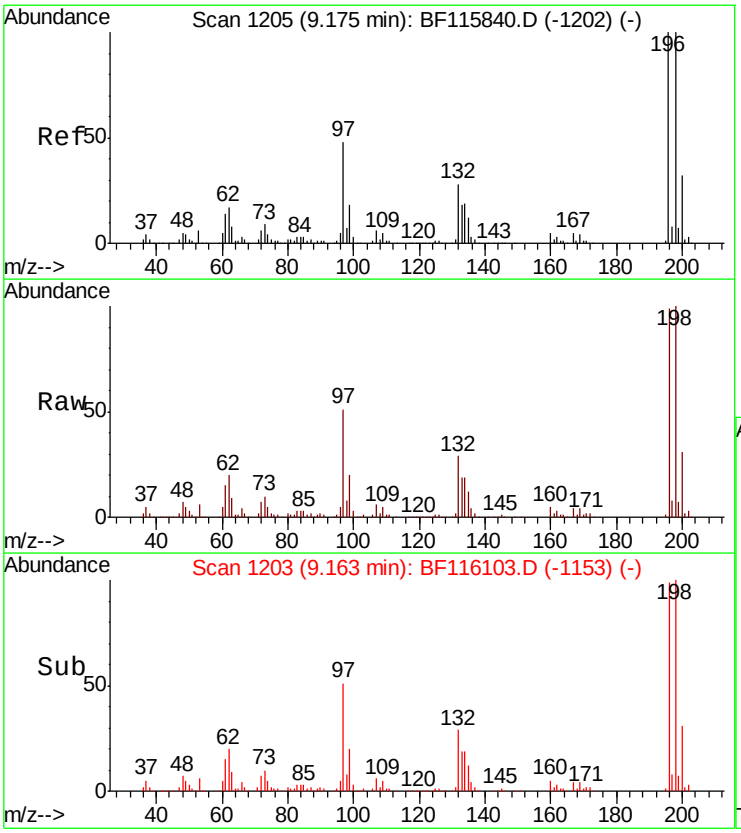

#43
2,4,6-Trichlorophenol
Concen: 40.515 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:196 Resp: 206749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 79.2 | 118.8 |
| 200 | 31.6 | 25.2 | 37.8 |

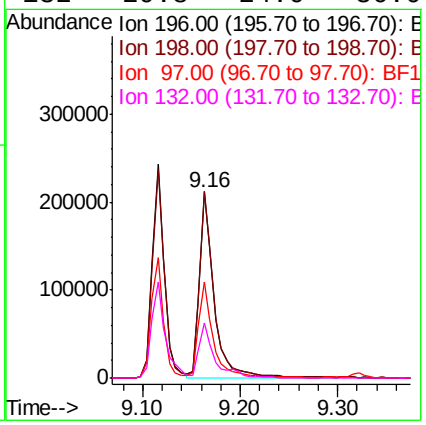


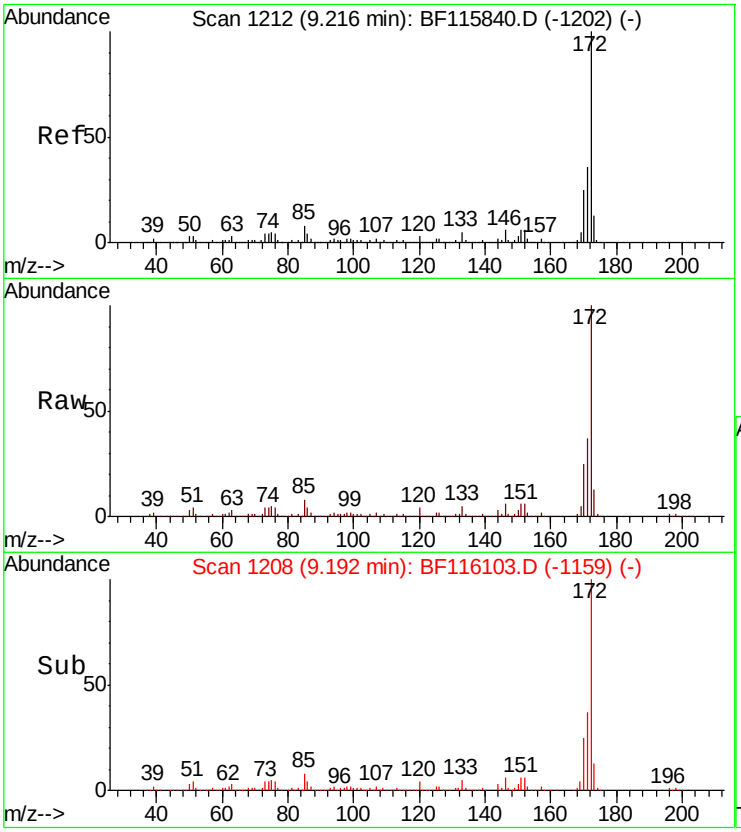




#44
2,4,5-Trichlorophenol
Concen: 41.722 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:196 Resp: 220084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.0 | 78.8 | 118.2 |
| 97 | 51.8 | 42.2 | 63.4 |
| 132 | 29.8 | 24.0 | 36.0 |



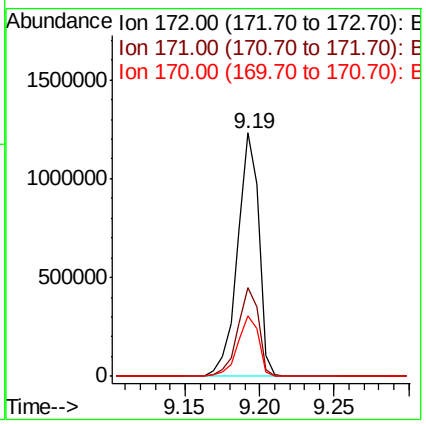


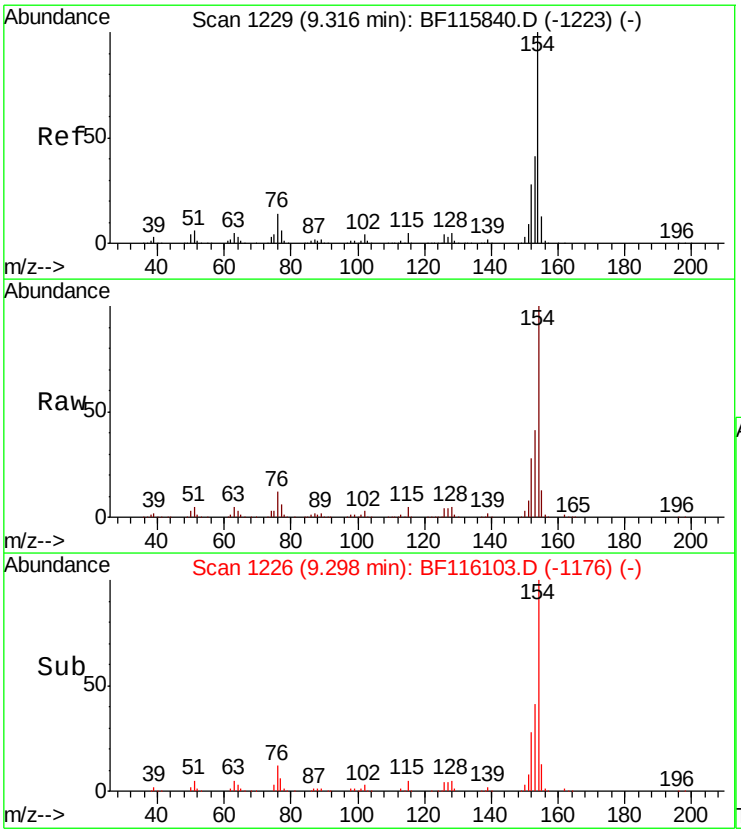

#45
2-Fluorobiphenyl
Concen: 82.620 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:172 Resp: 1223243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.6 | 44.4 |
| 170 | 24.9 | 20.1 | 30.1 |

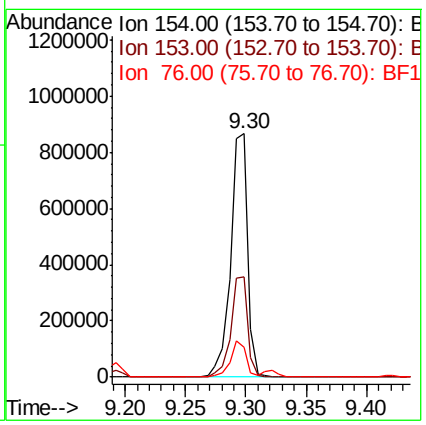


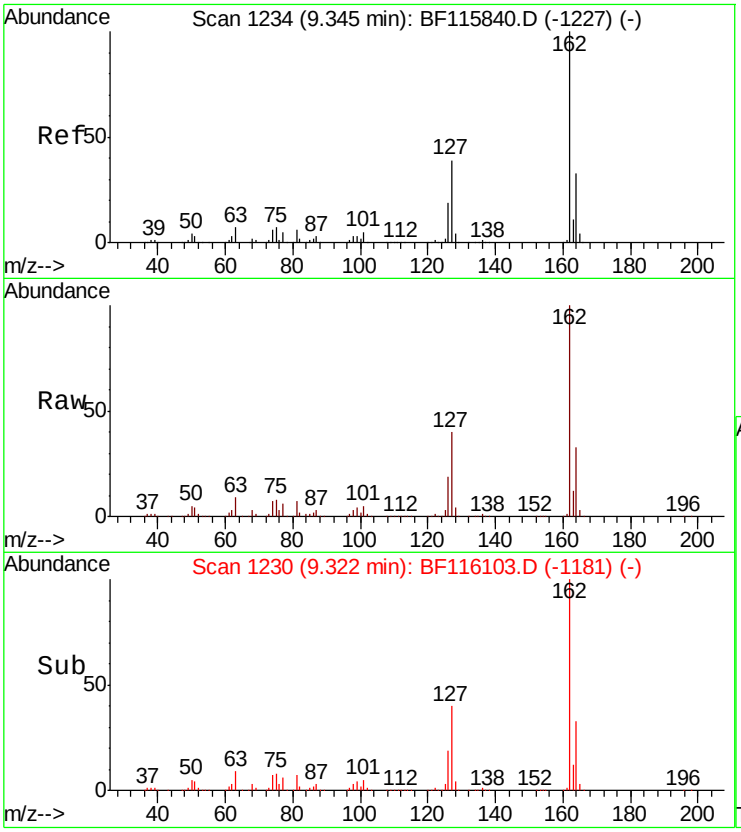




#46
1,1'-Biphenyl
Concen: 43.405 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:154 Resp: 849810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 21.4 | 61.4 |
| 76 | 12.4 | 0.0 | 35.2 |



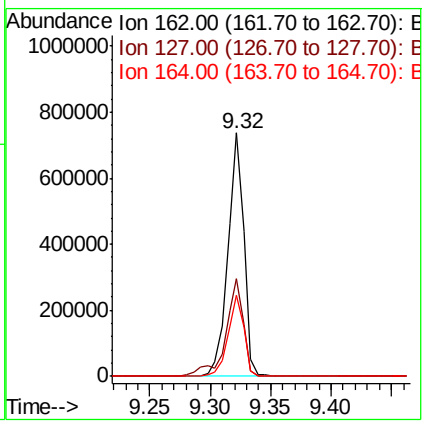


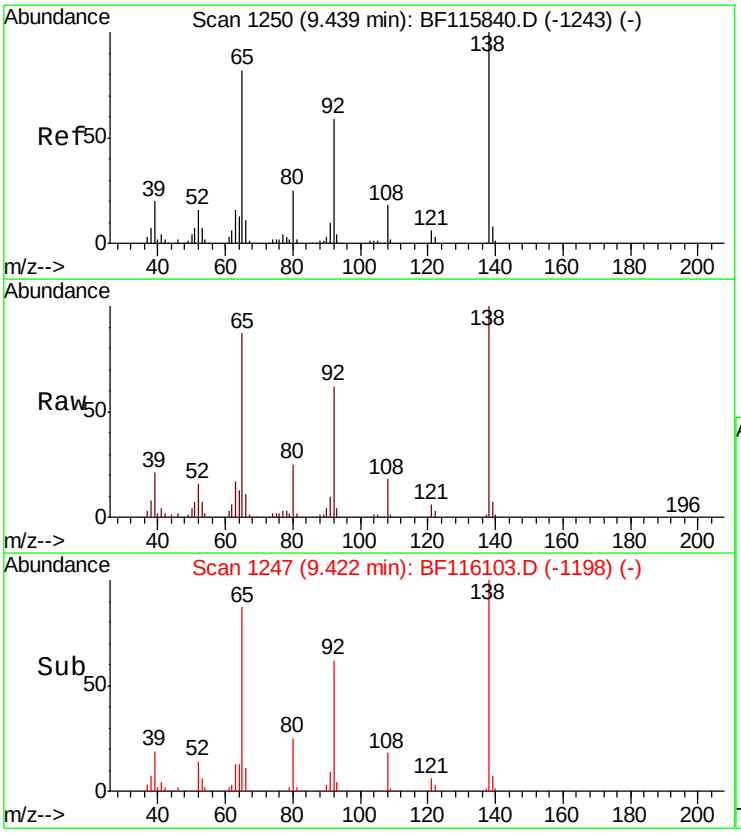

#47
2-Chloronaphthalene
Concen: 41.482 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:162 Resp: 675958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.3 | 32.8 | 49.2 |
| 164 | 33.4 | 26.6 | 39.8 |

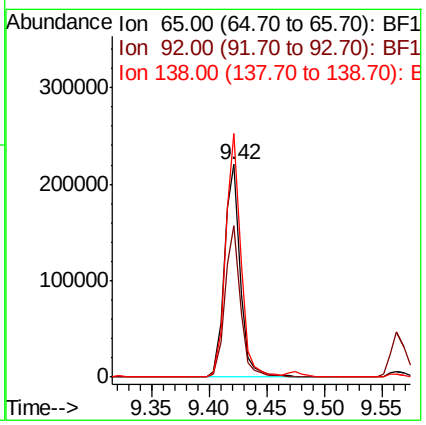


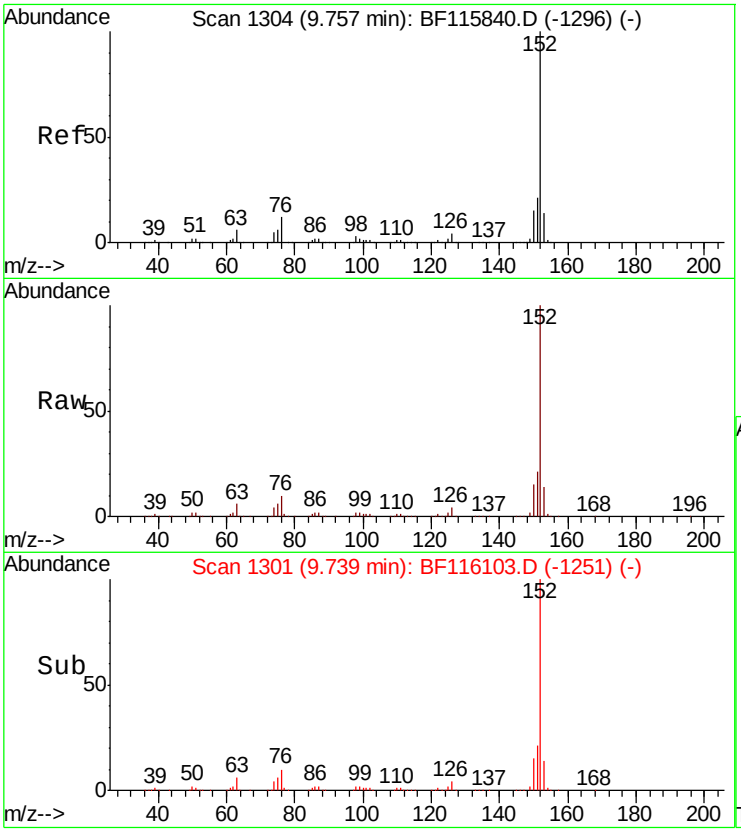




#48
2-Nitroaniline
Concen: 38.687 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion: 65 Resp: 208377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.2 | 57.8 | 86.8 |
| 138 | 114.6 | 94.0 | 141.0 |



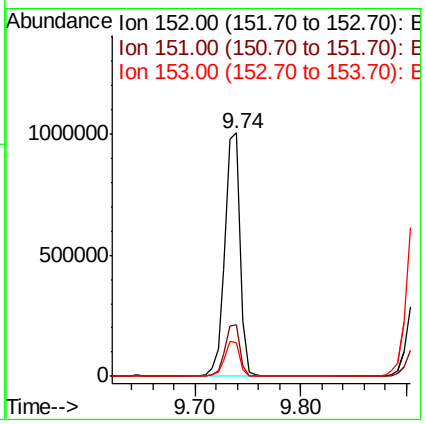


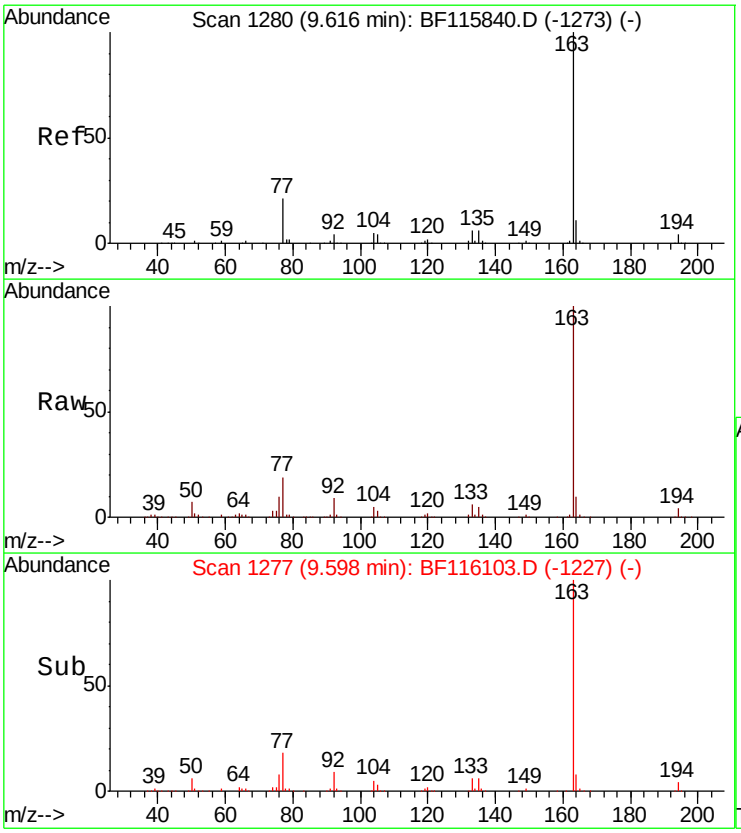

#49
Acenaphthylene
Concen: 42.192 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:152 Resp: 1003035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 17.2 | 25.8 |
| 153 | 13.9 | 11.8 | 17.8 |

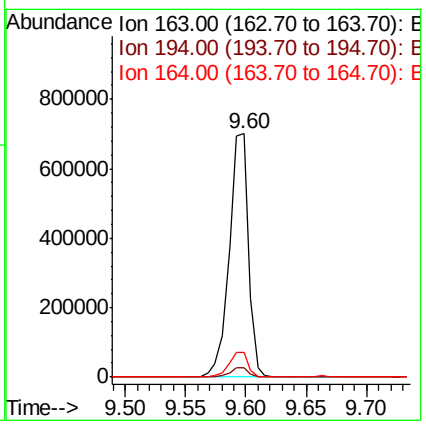


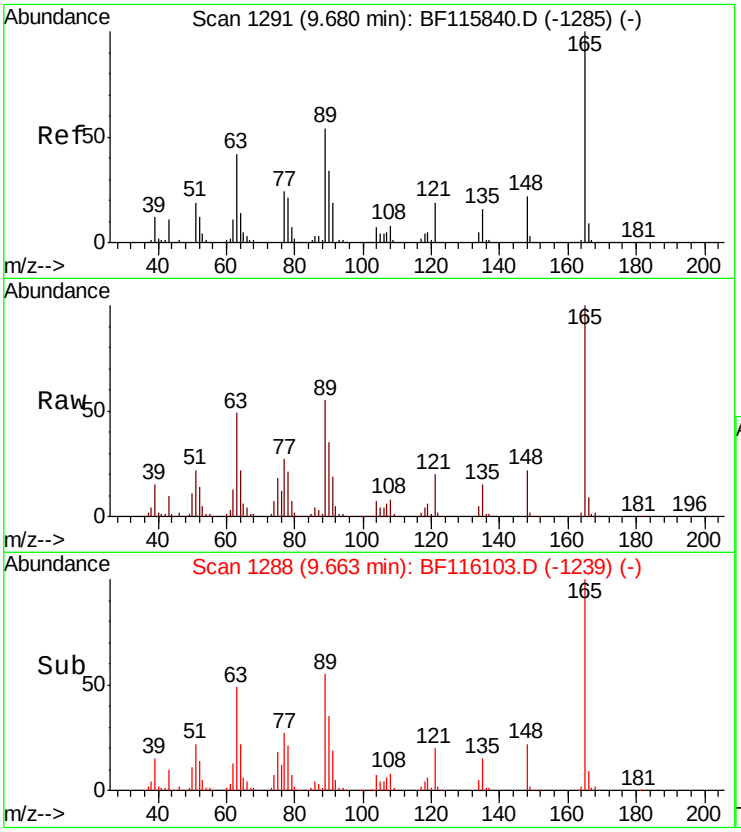




#50
Dimethylphthalate
Concen: 41.397 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:163 Resp: 781682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.0 | 4.6 |
| 164 | 10.2 | 8.4 | 12.6 |



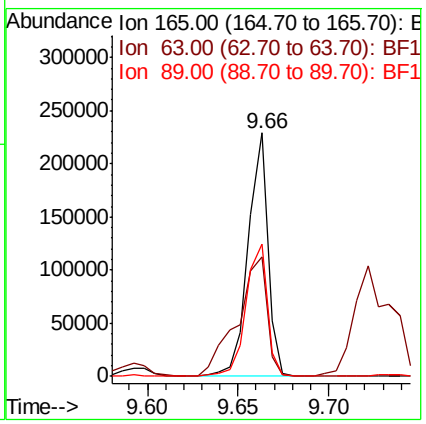


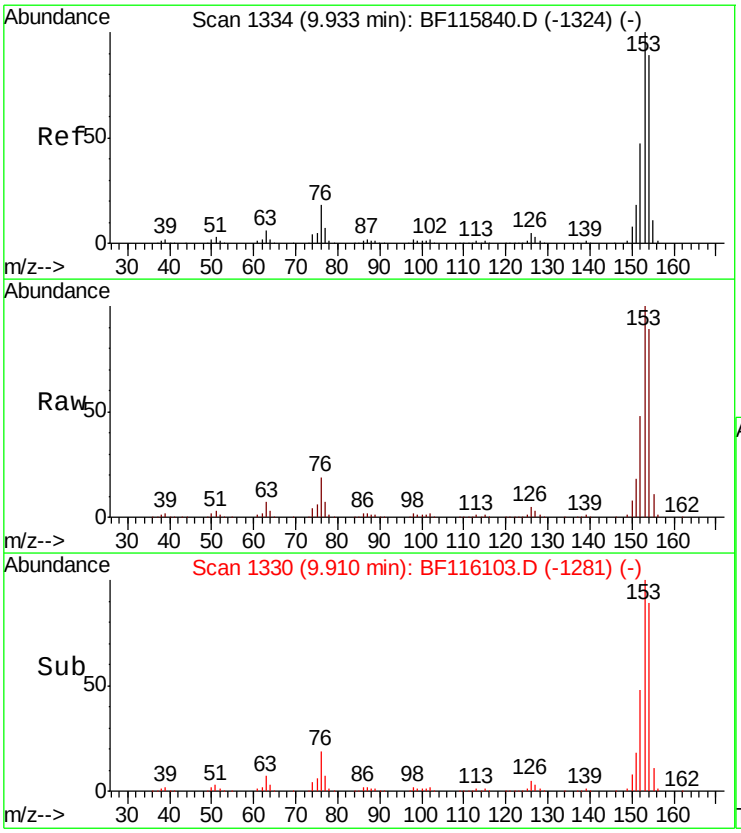

#51
2,6-Dinitrotoluene
Concen: 42.498 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:165 Resp: 174388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.0 | 38.2 | 57.2 |
| 89 | 54.5 | 42.9 | 64.3 |

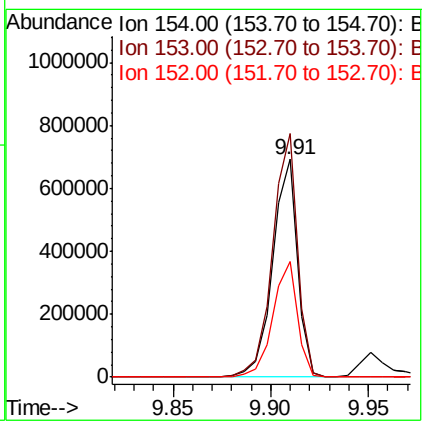


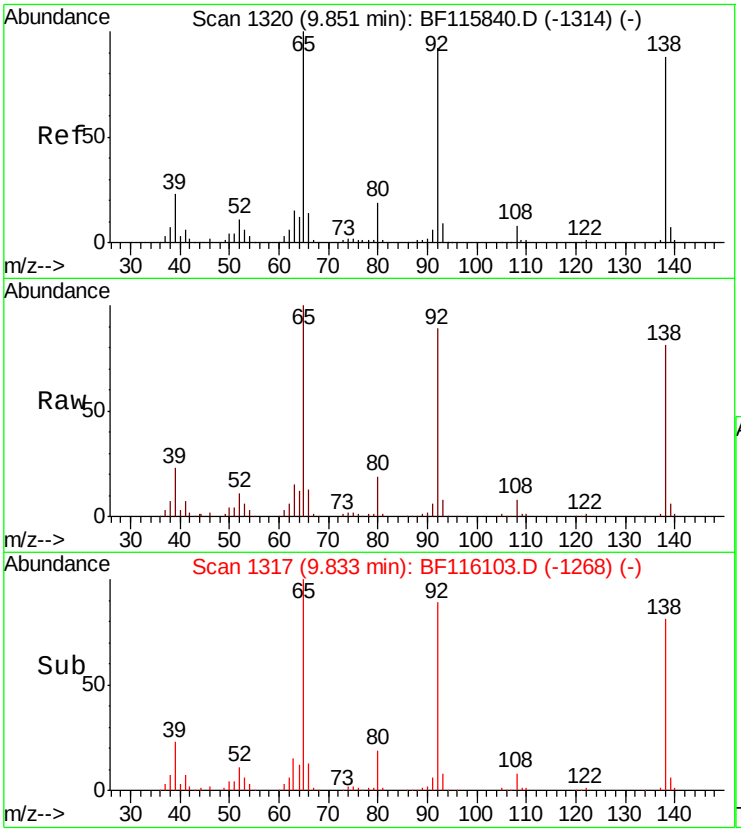




#52
Acenaphthene
Concen: 41.850 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:154 Resp: 610370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.8 | 89.4 | 134.0 |
| 152 | 53.1 | 42.3 | 63.5 |



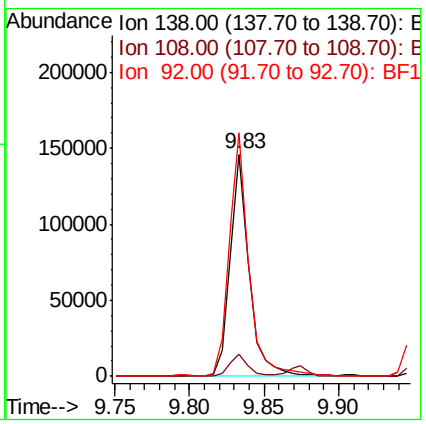


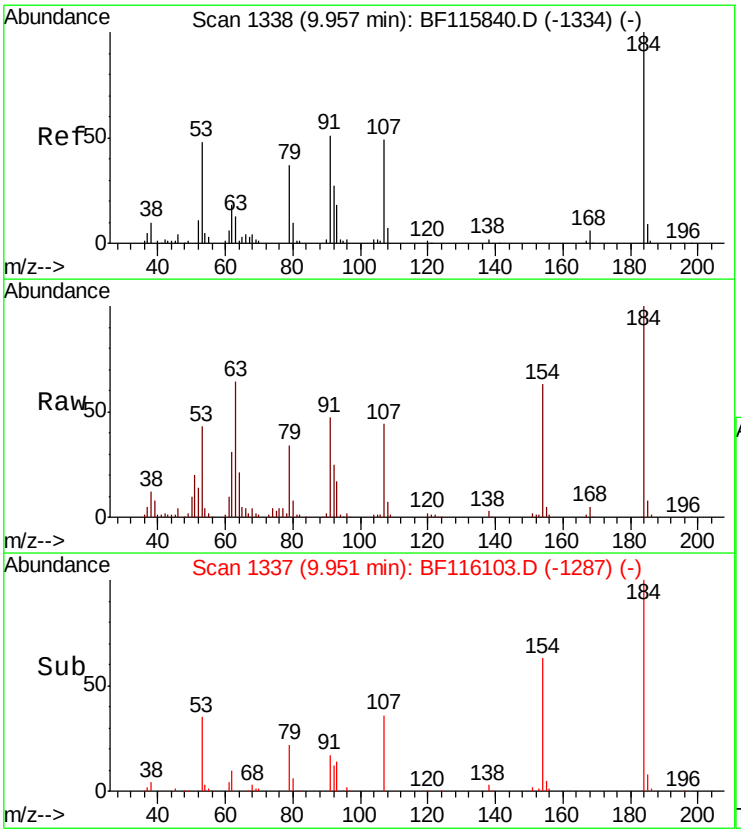

#53
3-Nitroaniline
Concen: 26.241 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:138 Resp: 133053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 8.0 | 12.0 |
| 92 | 109.7 | 91.0 | 136.6 |

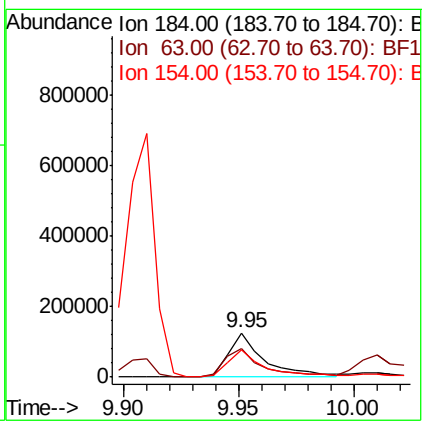


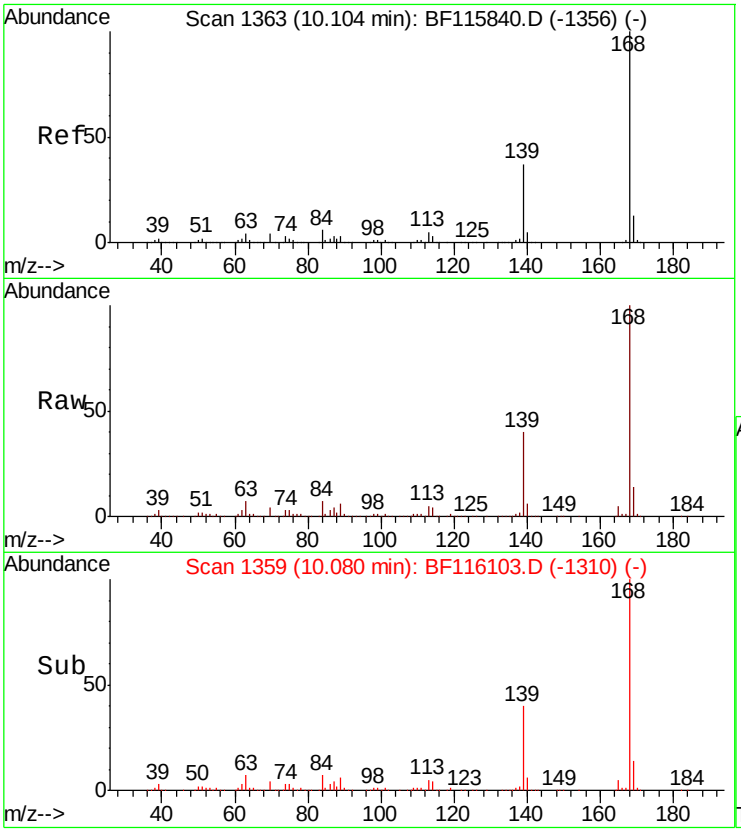




#54
2,4-Dinitrophenol
Concen: 65.932 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:184 Resp: 134427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 63.8 | 53.0 | 79.4 |
| 154 | 62.9 | 50.1 | 75.1 |



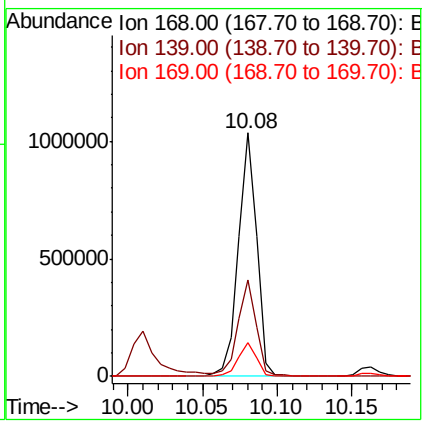


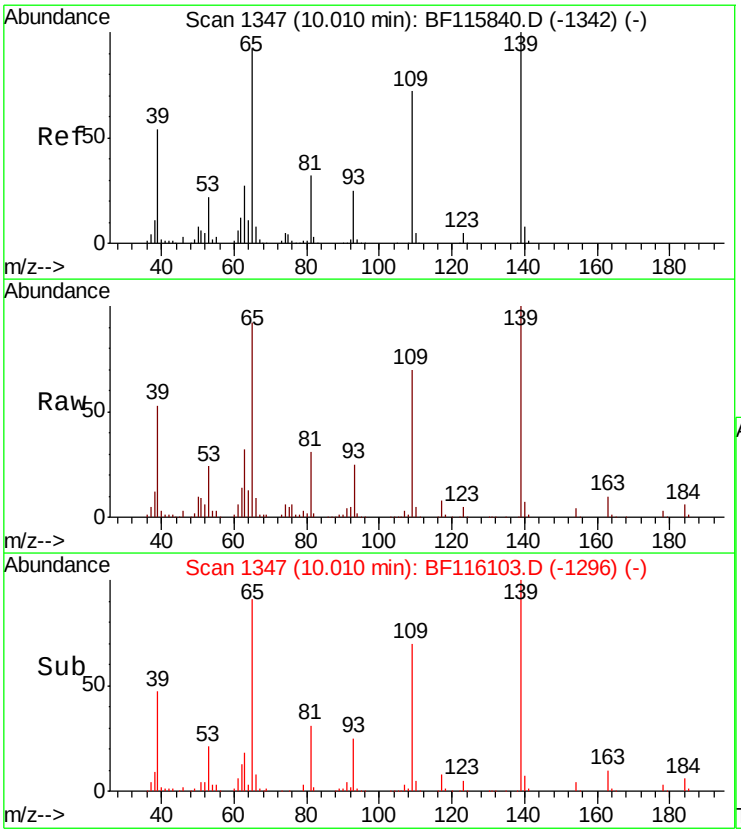

#55
Dibenzofuran
Concen: 41.825 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:168 Resp: 887095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.6 | 31.4 | 47.2 |
| 169 | 13.7 | 10.9 | 16.3 |

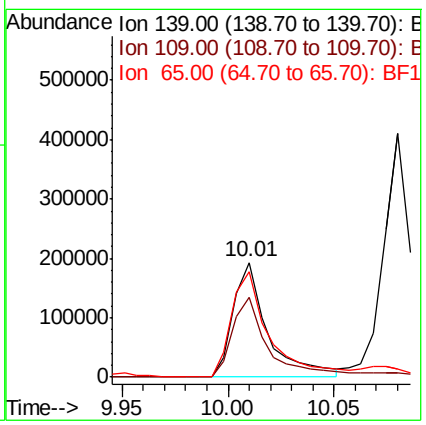


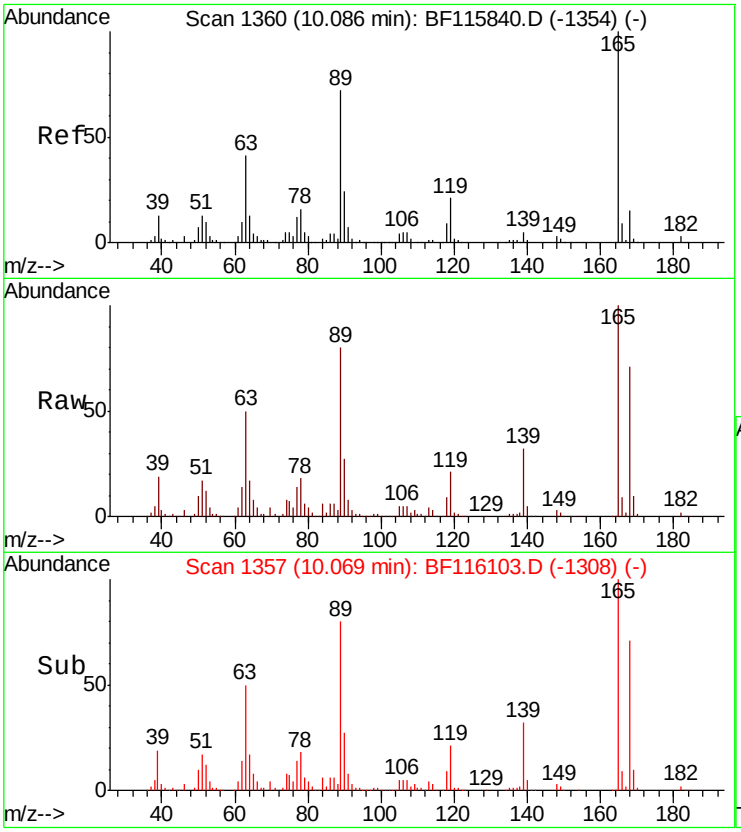




#56
4-Nitrophenol
Concen: 67.660 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:139 Resp: 219764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 69.6 | 54.4 | 94.4 |
| 65 | 92.1 | 80.6 | 120.6 |



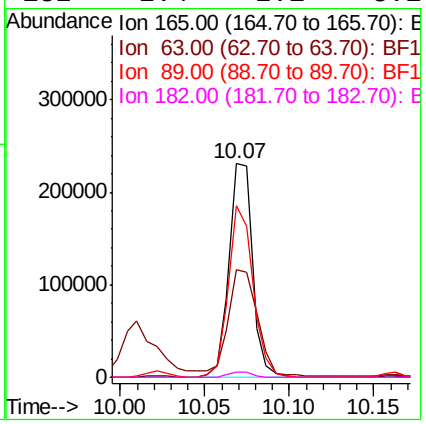


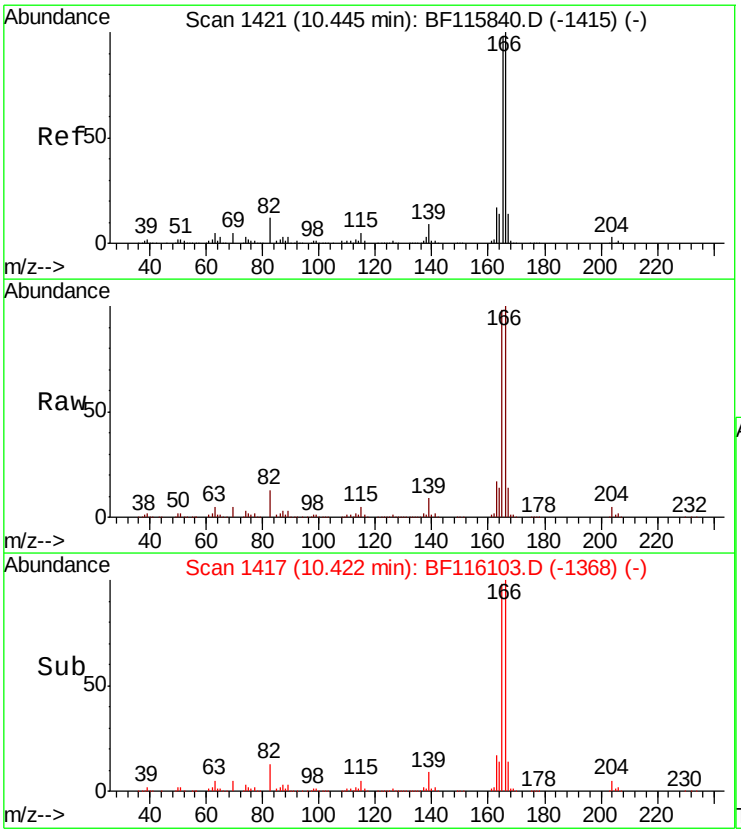

#57
2,4-Dinitrotoluene
Concen: 40.716 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:165 Resp: 222447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.4 | 39.6 | 59.4 |
| 89 | 80.4 | 62.2 | 93.2 |
| 182 | 2.4 | 2.1 | 3.1 |

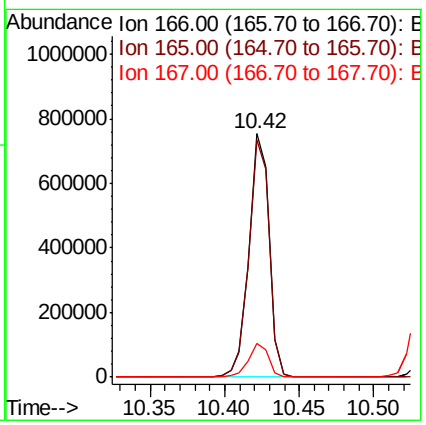


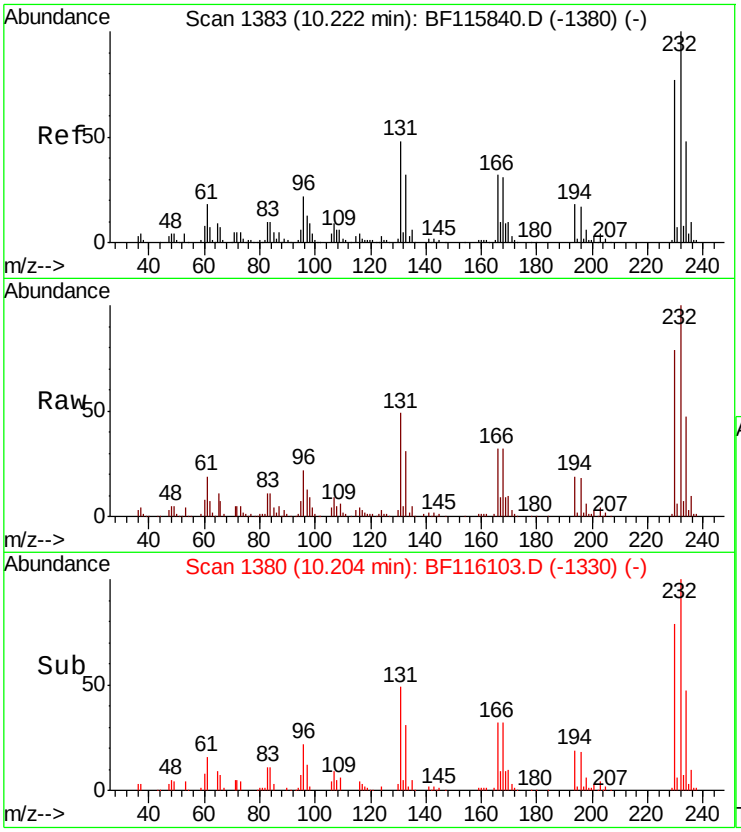




#58
Fluorene
Concen: 42.857 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:166 Resp: 699344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 78.4 | 117.6 |
| 167 | 13.8 | 11.0 | 16.4 |



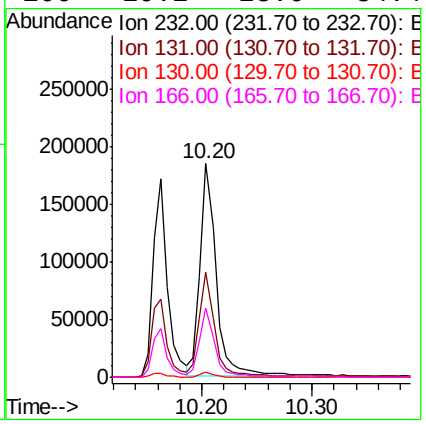


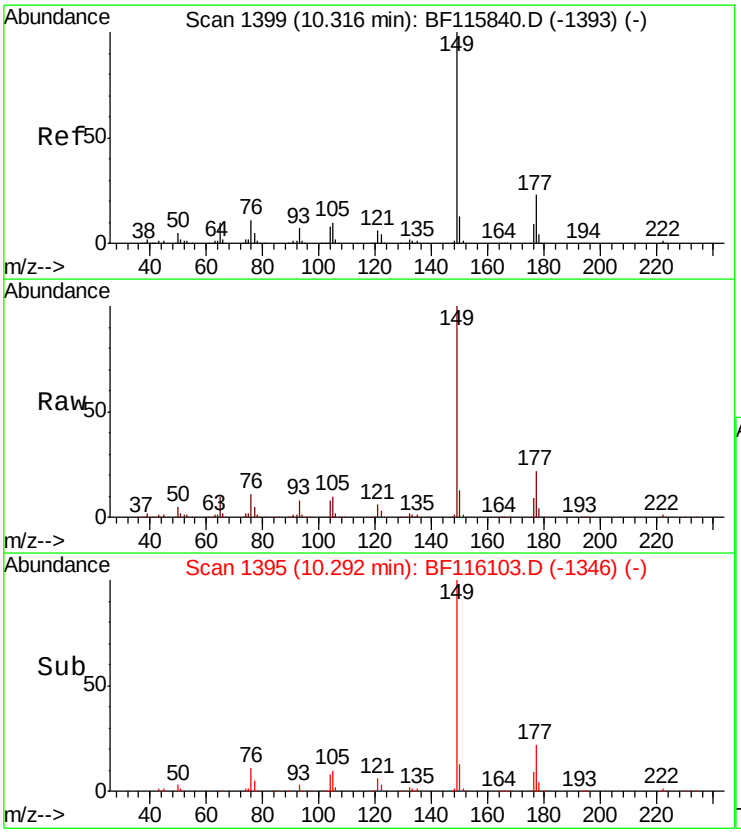

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.407 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:232 Resp: 183765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.3 | 36.2 | 54.2 |
| 130 | 2.4 | 1.9 | 2.9 |
| 166 | 29.2 | 23.0 | 34.4 |

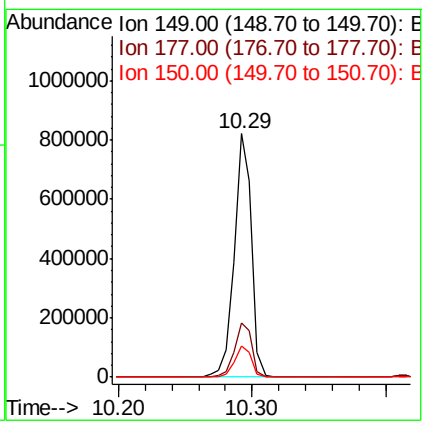


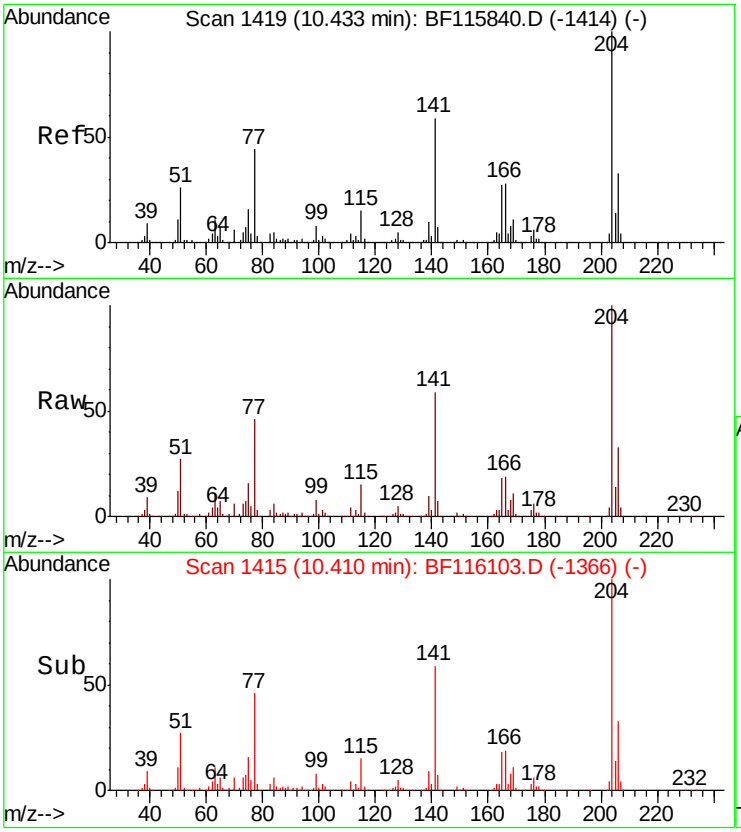




#60
Diethylphthalate
Concen: 42.007 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:149 Resp: 740546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 18.8 | 28.2 |
| 150 | 12.7 | 10.2 | 15.4 |



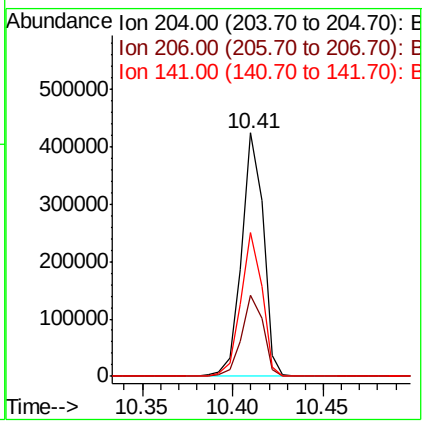


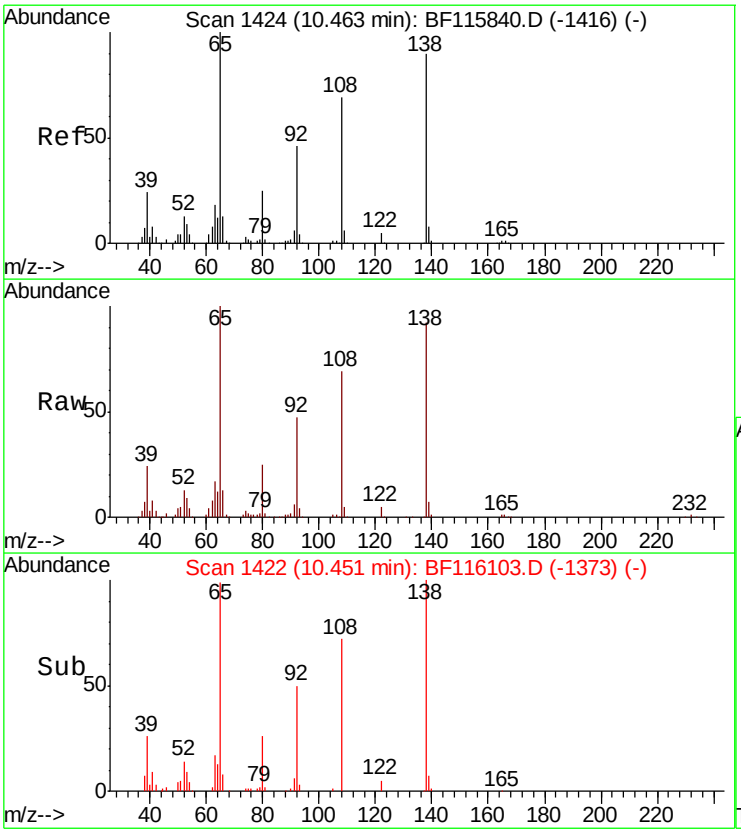

#61
4-Chlorophenyl-phenylether
Concen: 42.636 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:204 Resp: 352364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 26.4 | 39.6 |
| 141 | 59.1 | 46.4 | 69.6 |

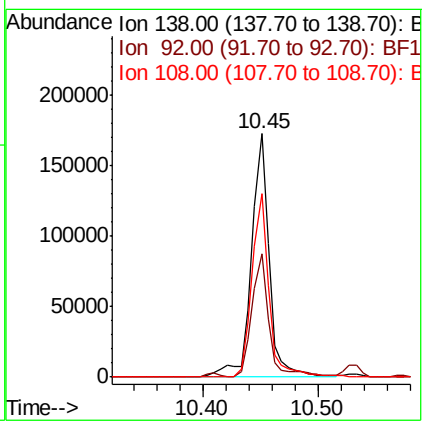


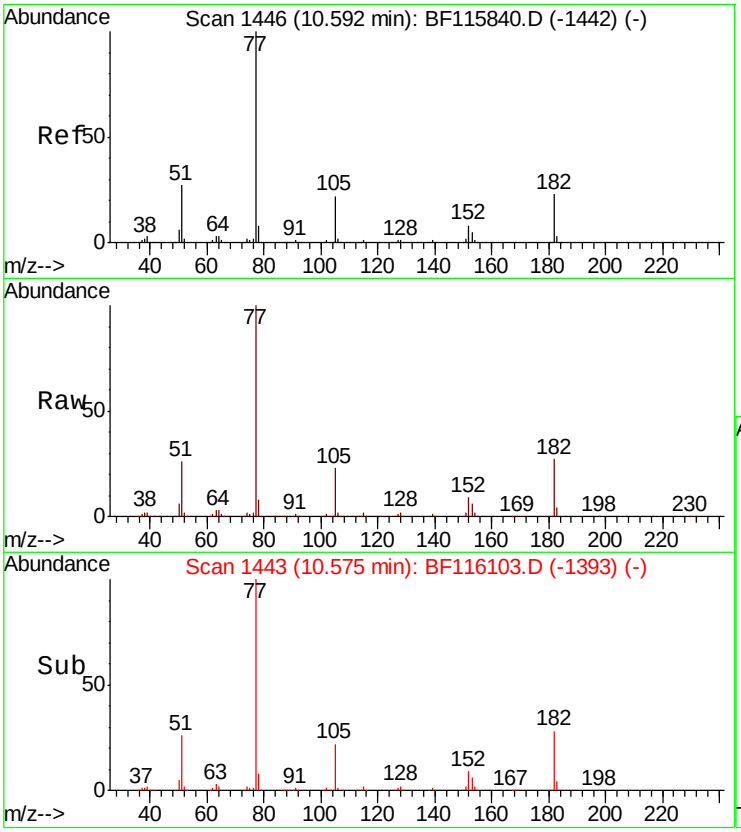




#62
4-Nitroaniline
Concen: 35.498 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:138 Resp: 186007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 29.0 | 69.0 |
| 108 | 75.5 | 54.7 | 94.7 |



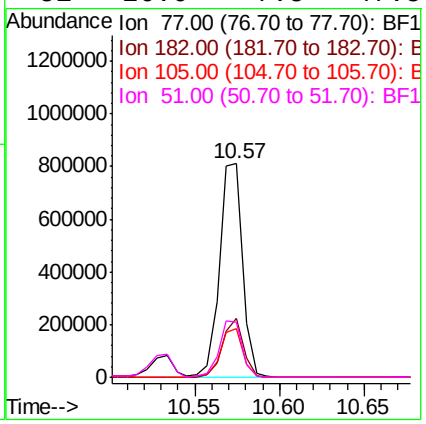


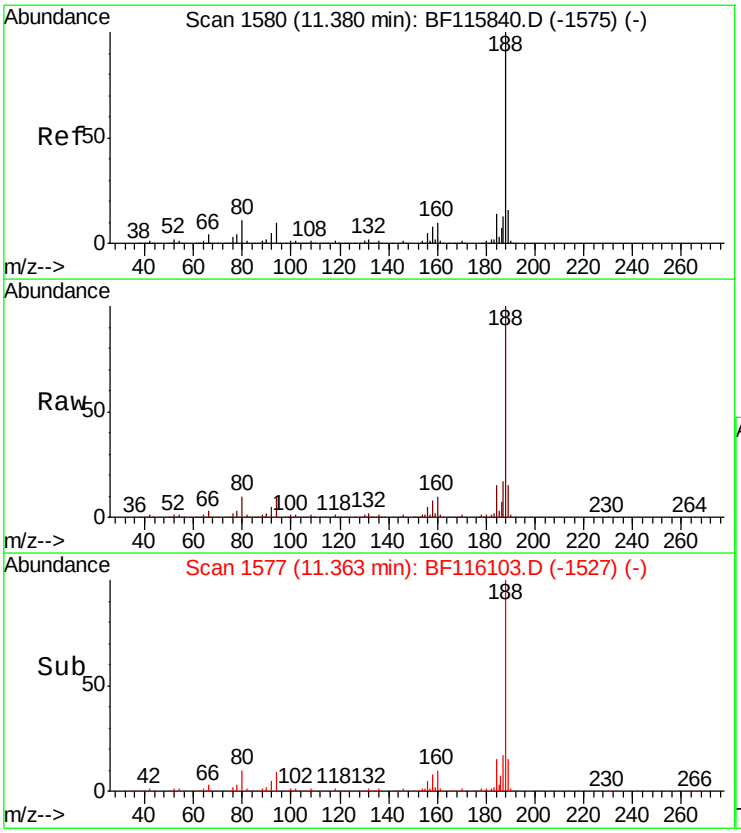

#63
Azobenzene
Concen: 42.482 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion: 77 Resp: 770312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.5 | 4.0 | 44.0 |
| 105 | 22.8 | 2.0 | 42.0 |
| 51 | 26.0 | 7.5 | 47.5 |

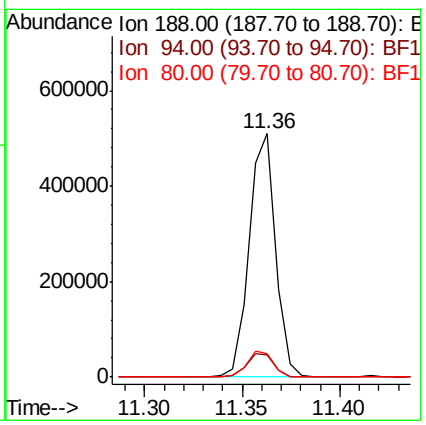


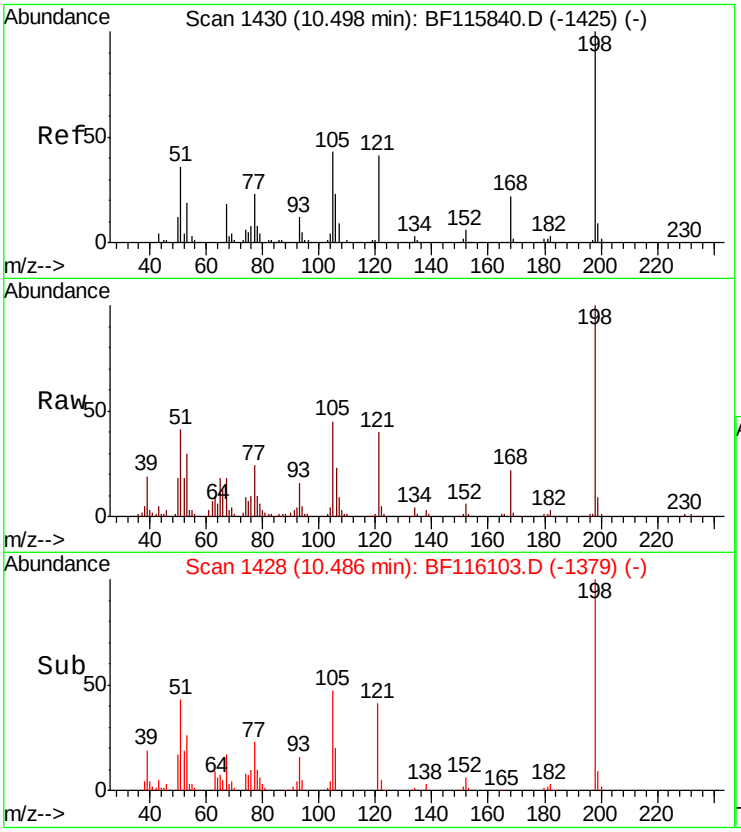




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:188 Resp: 476302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 8.1 | 12.1 |
| 80 | 9.6 | 8.7 | 13.1 |



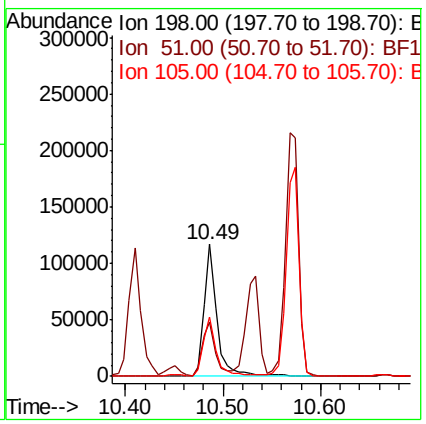


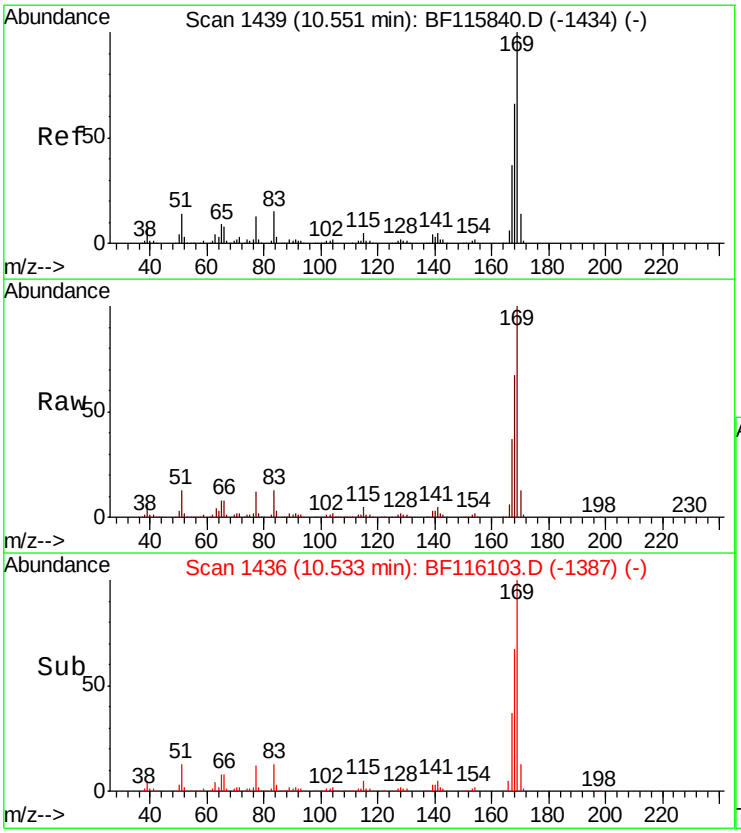

#65
4,6-Dinitro-2-methylphenol
Concen: 43.052 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:198 Resp: 108668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.0 | 17.0 | 57.0 |
| 105 | 44.7 | 21.6 | 61.6 |

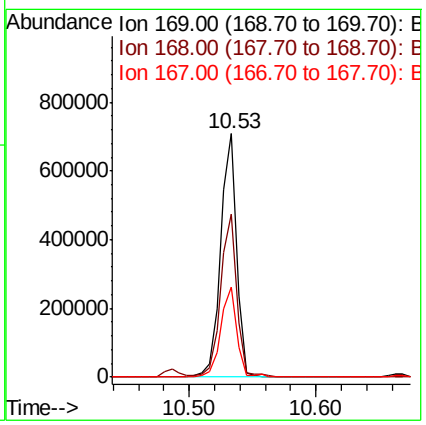


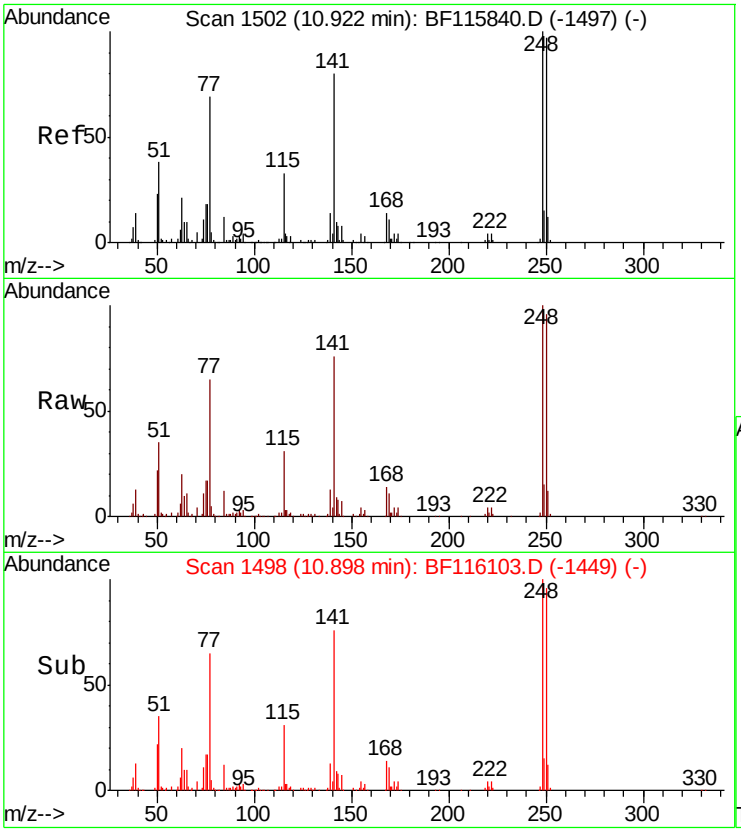




#66
n-Nitrosodiphenylamine
Concen: 43.444 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:169 Resp: 622826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.9 | 53.8 | 80.6 |
| 167 | 36.8 | 29.6 | 44.4 |



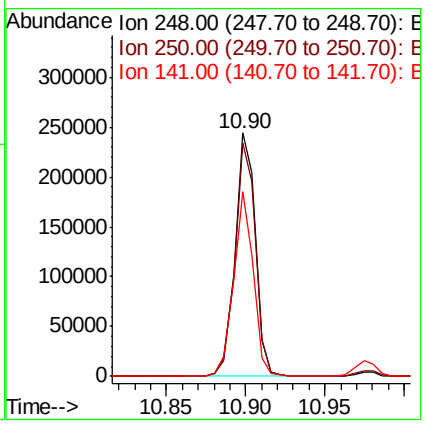


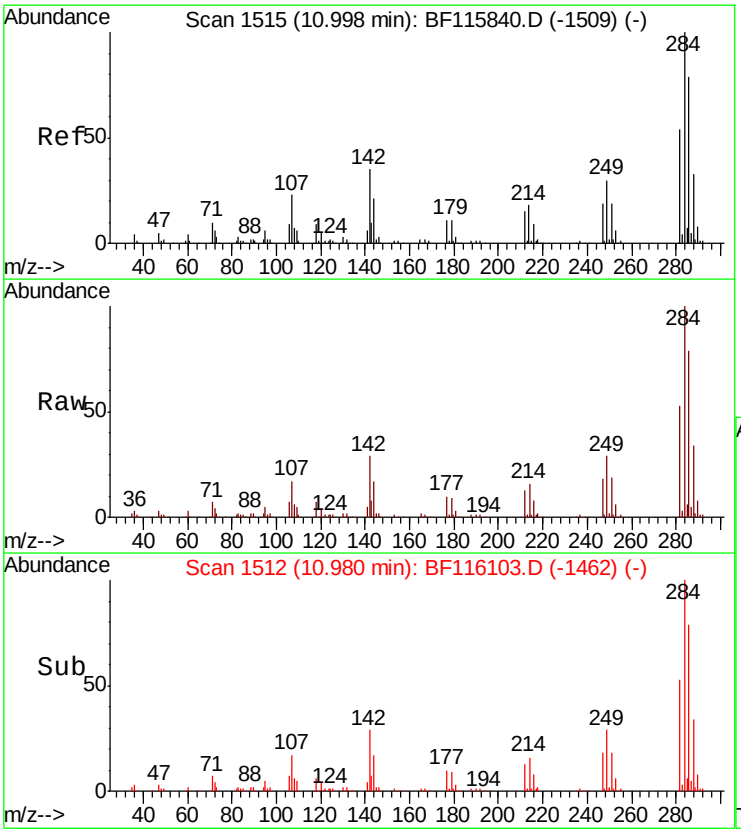

#67
4-Bromophenyl-phenylether
Concen: 42.619 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:248 Resp: 217304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 77.4 | 116.2 |
| 141 | 76.1 | 56.8 | 85.2 |

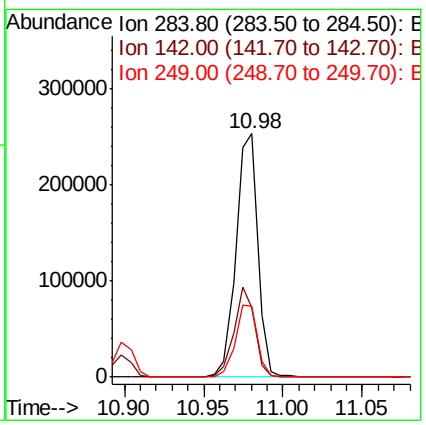


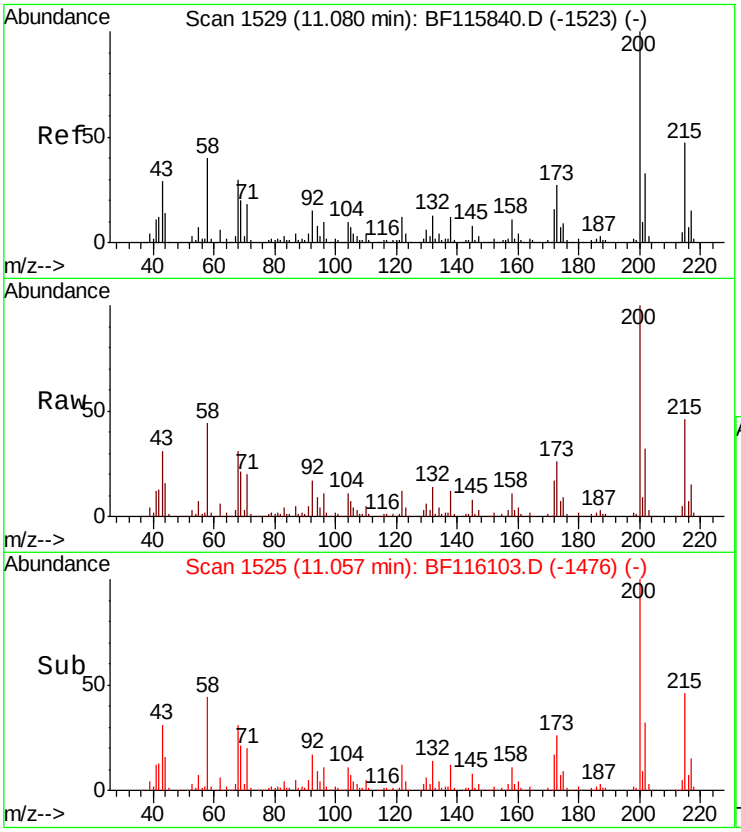




#68
Hexachlorobenzene
Concen: 41.147 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:284 Resp: 242600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 28.8 | 28.4 | 42.6 |
| 249 | 29.1 | 24.5 | 36.7 |



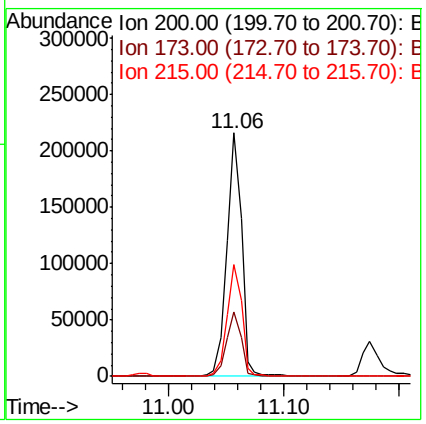


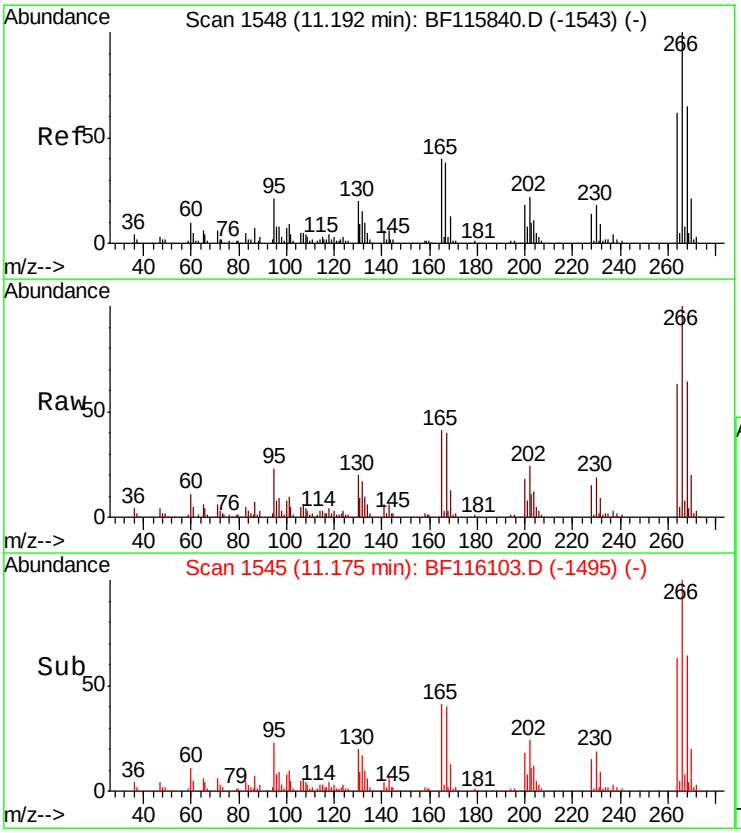

#69
Atrazine
Concen: 40.643 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:200 Resp: 191685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.4 | 6.8 | 46.8 |
| 215 | 46.0 | 27.5 | 67.5 |

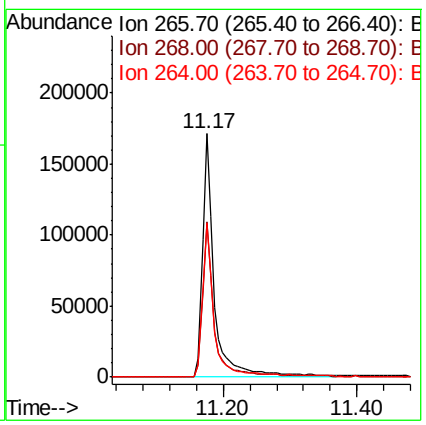


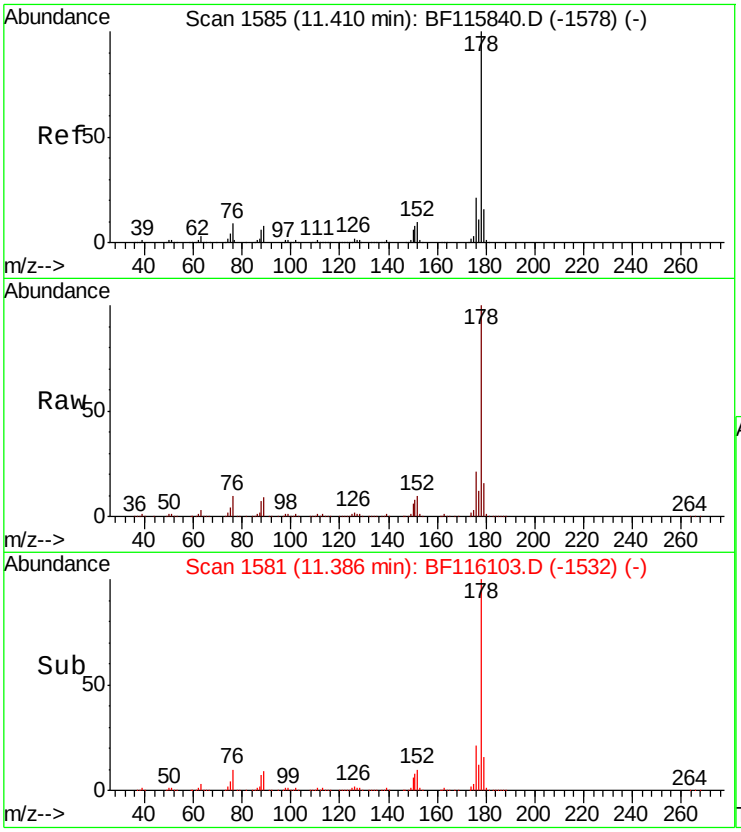




#70
Pentachlorophenol
Concen: 73.303 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:266 Resp: 209829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.8 | 48.8 | 73.2 |
| 264 | 63.4 | 50.6 | 76.0 |



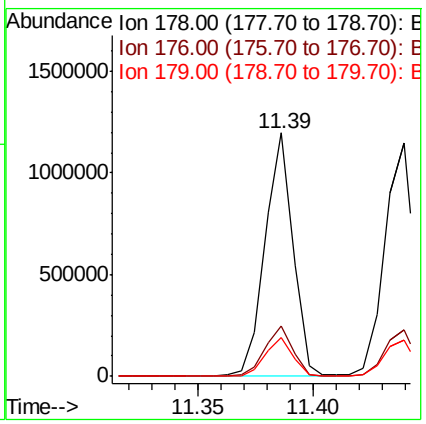


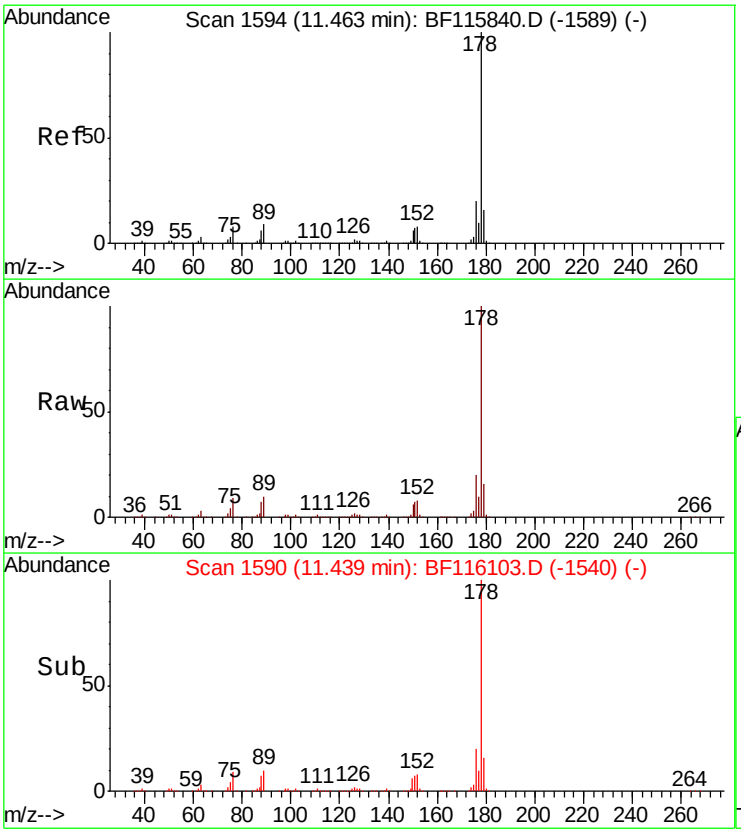

#71
Phenanthrene
Concen: 41.543 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:178 Resp: 1011559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.6 | 16.6 | 24.8 |
| 179 | 16.0 | 12.5 | 18.7 |

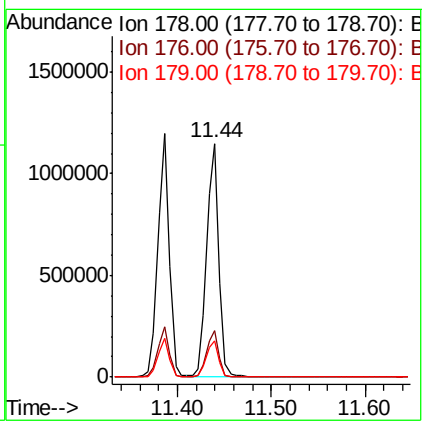


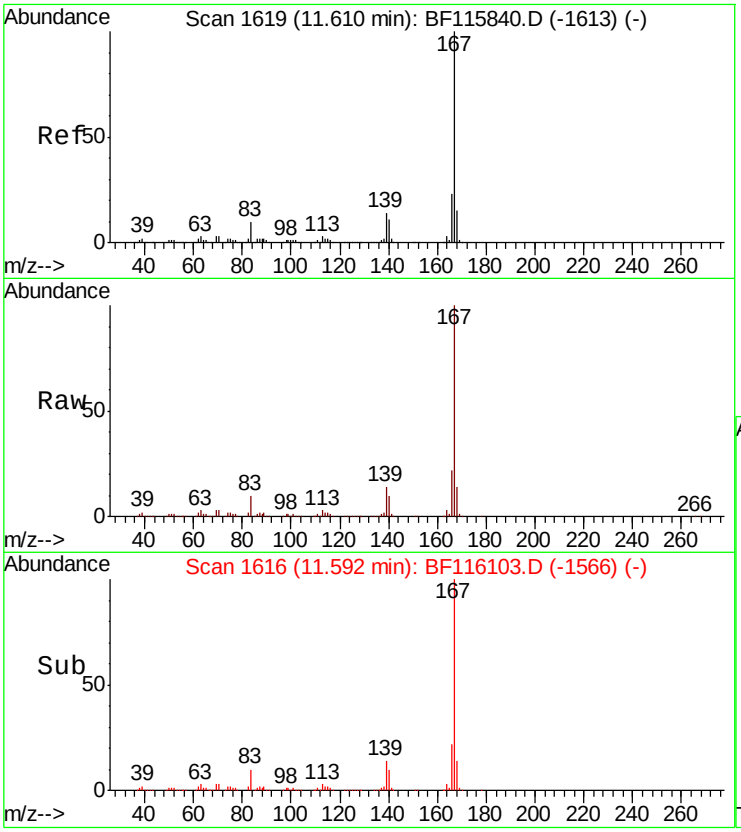




#72
Anthracene
Concen: 42.800 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:178 Resp: 1054719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.7 | 23.5 |
| 179 | 15.6 | 13.0 | 19.6 |



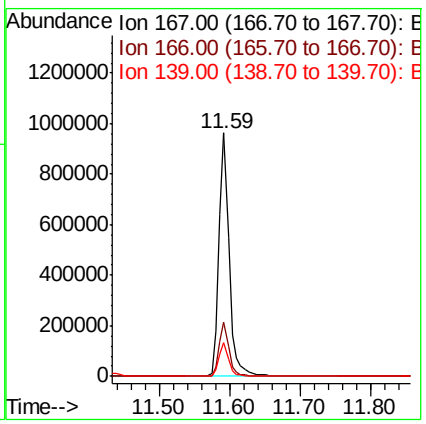


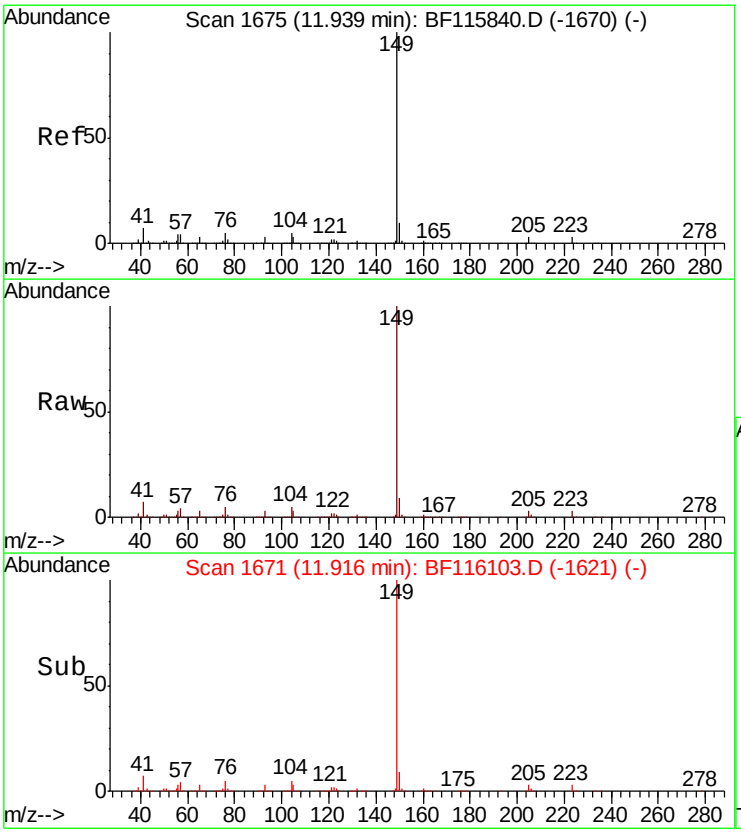

#73
Carbazole
Concen: 42.949 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:167 Resp: 960211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.4 | 17.8 | 26.6 |
| 139 | 13.6 | 11.4 | 17.0 |

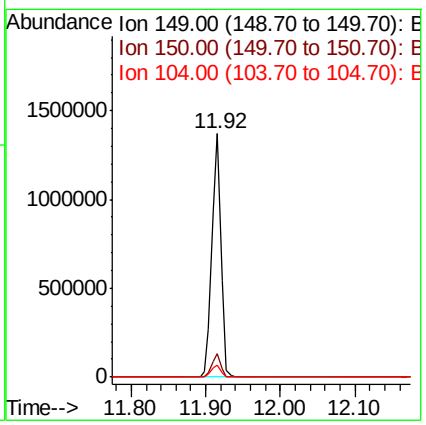


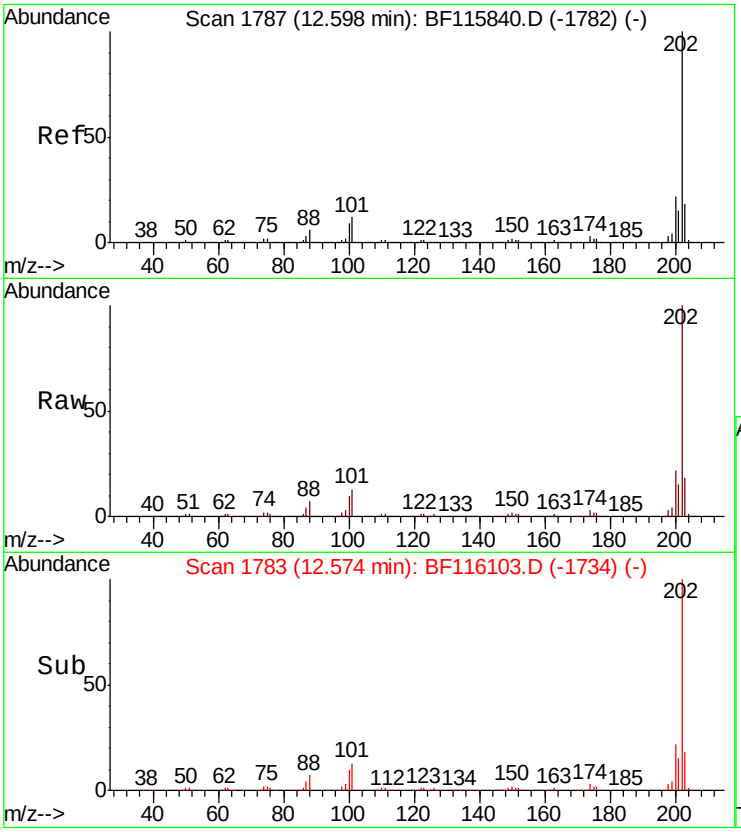




#74
Di-n-butylphthalate
Concen: 43.929 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:149 Resp: 1145710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 8.0 | 12.0 |
| 104 | 5.2 | 4.5 | 6.7 |



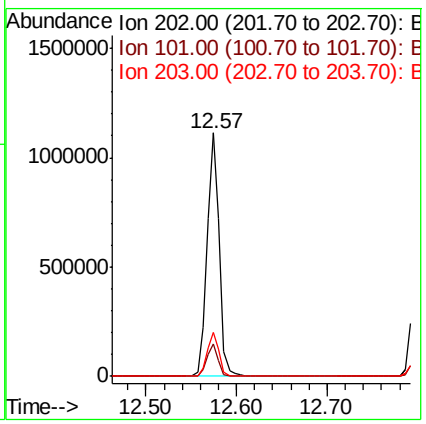


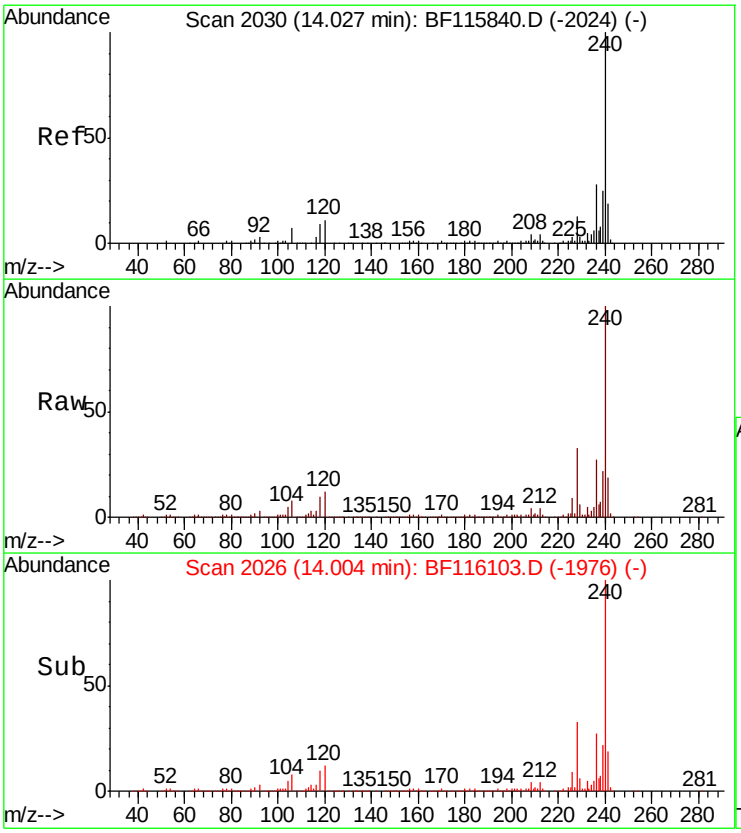

#75
Fluoranthene
Concen: 41.335 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:202 Resp: 1053703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 0.0 | 31.2 |
| 203 | 18.3 | 0.0 | 37.8 |

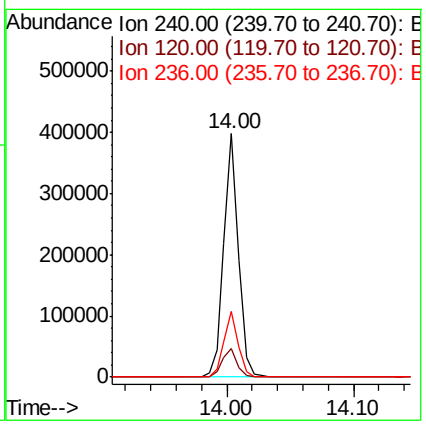


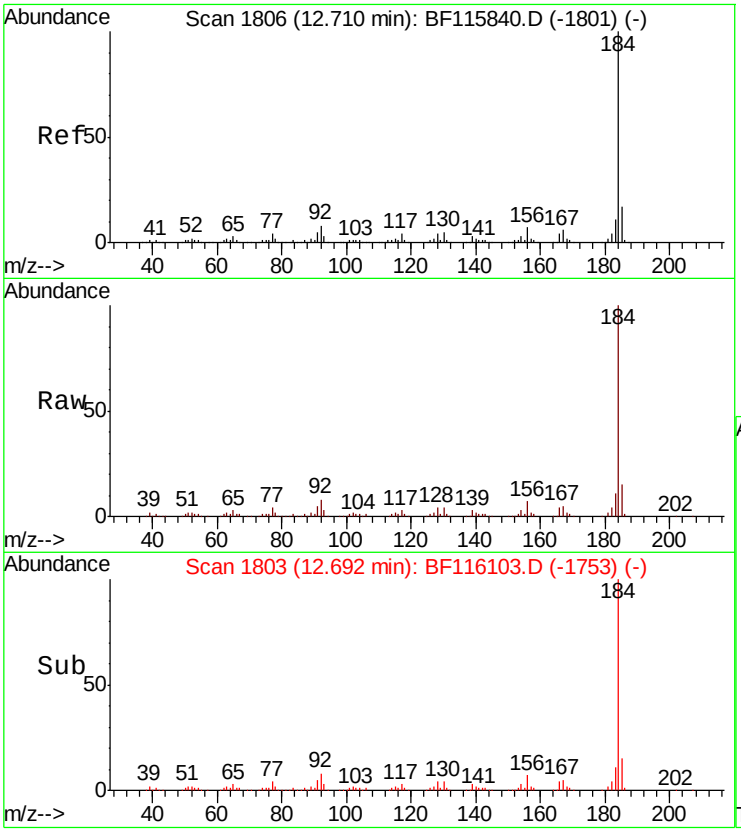




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:240 Resp: 318268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 10.7 | 16.1 |
| 236 | 26.9 | 22.2 | 33.2 |



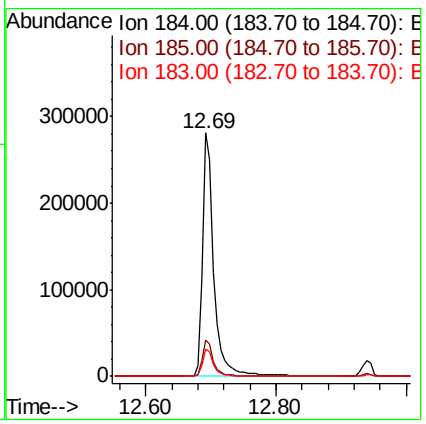


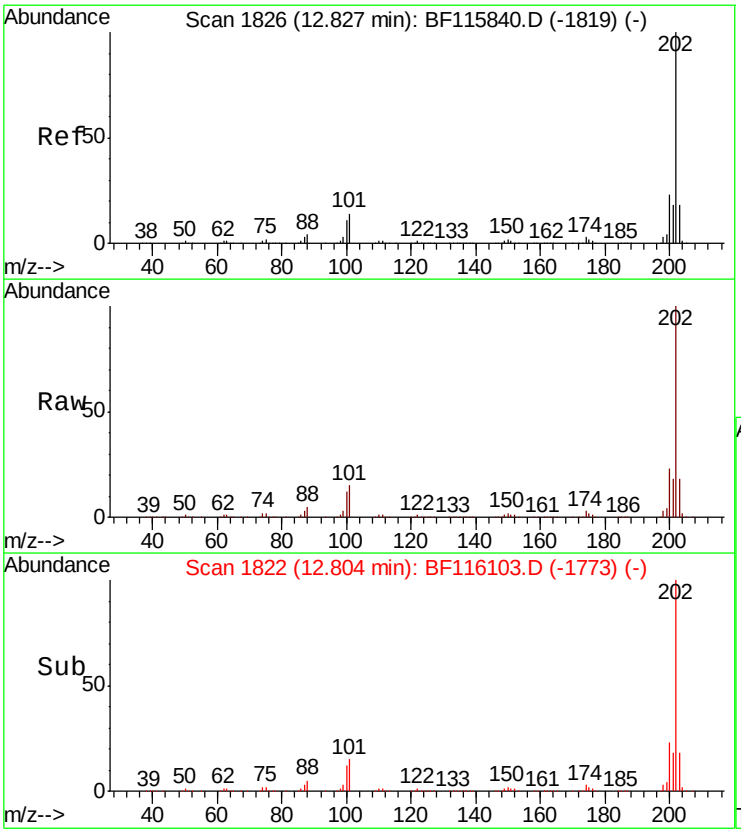

#77
Benzidine
Concen: 31.370 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:184 Resp: 337305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.8 | 19.2 |
| 183 | 11.2 | 9.4 | 14.0 |

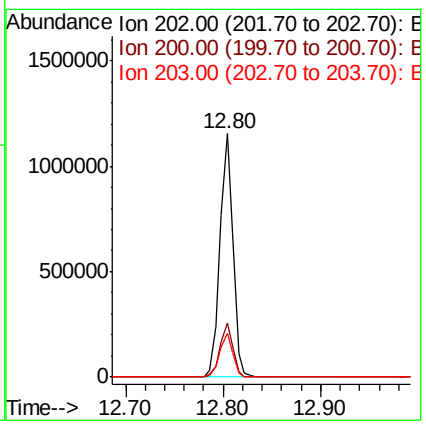


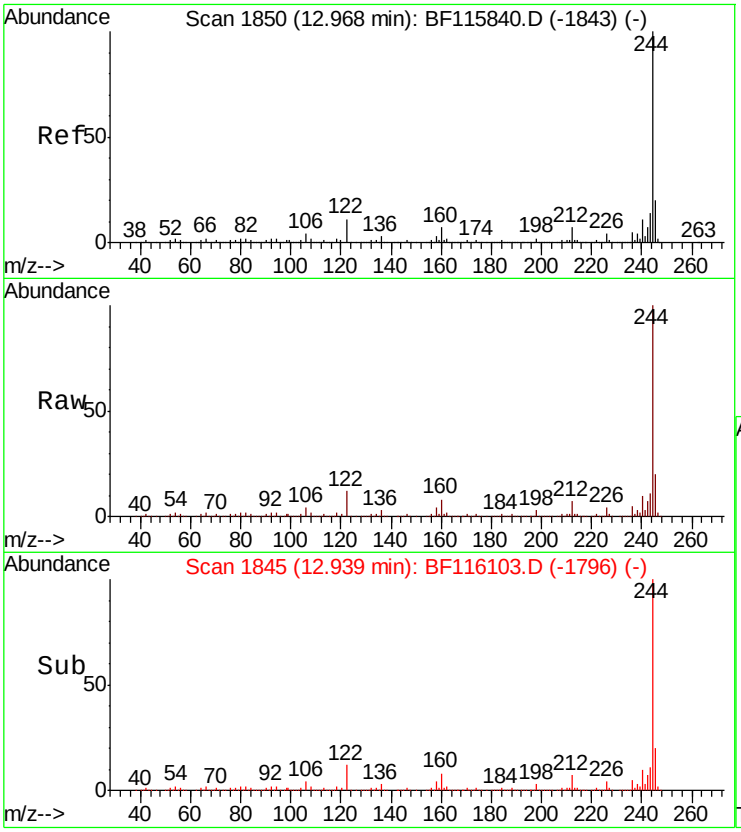




#78
Pyrene
Concen: 44.726 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:202 Resp: 1073040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.5 | 18.0 | 27.0 |
| 203 | 18.1 | 14.1 | 21.1 |



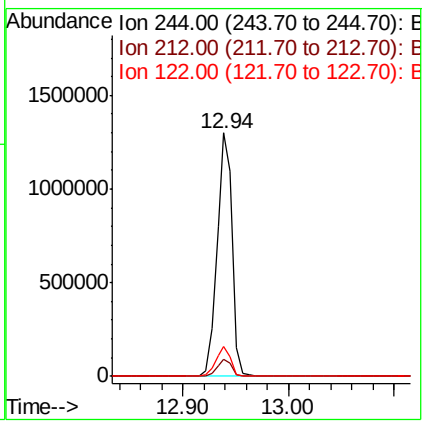


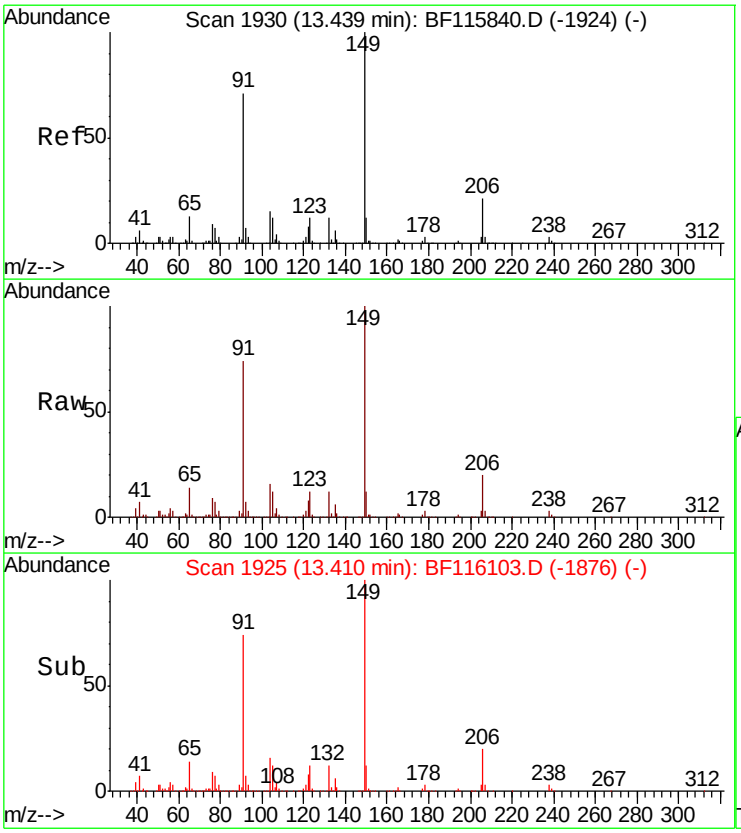

#79
Terphenyl-d14
Concen: 86.131 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:244 Resp: 1300936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 12.3 | 9.0 | 13.4 |

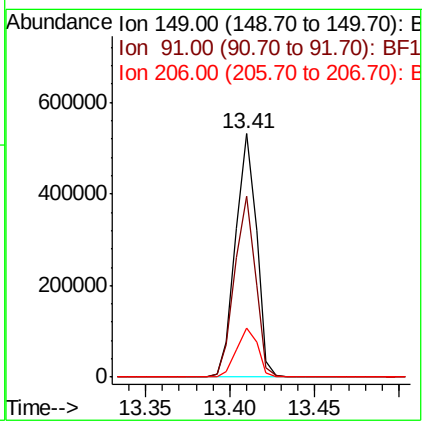


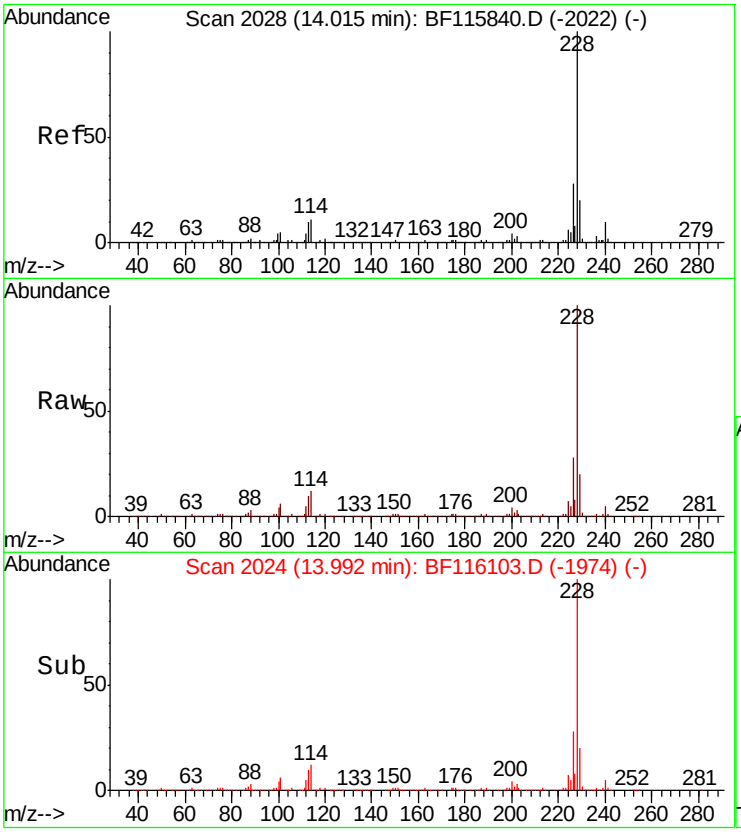




#80
Butylbenzylphthalate
Concen: 45.233 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:149 Resp: 459045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.2 | 56.3 | 84.5 |
| 206 | 20.0 | 18.0 | 27.0 |



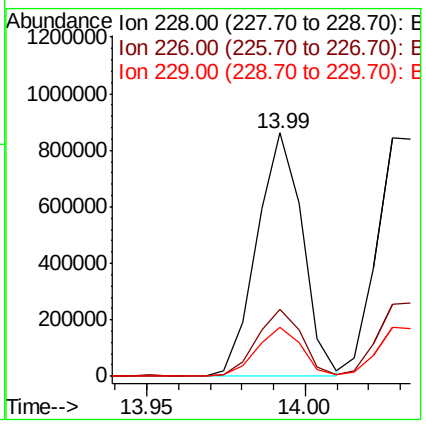


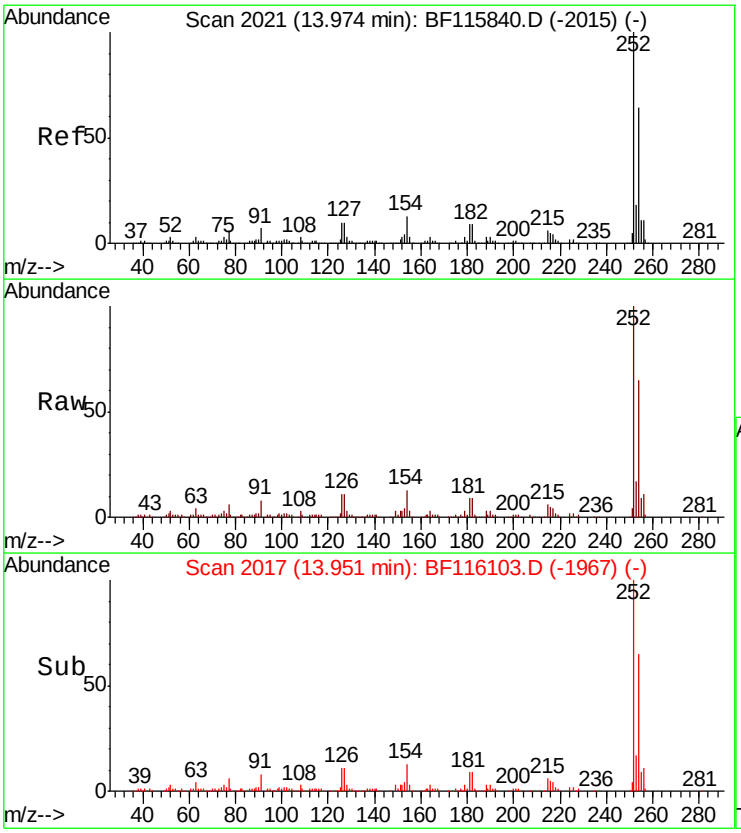

#81
Benzo(a)anthracene
Concen: 42.076 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:228 Resp: 855935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.7 | 34.1 |
| 229 | 20.2 | 16.2 | 24.4 |

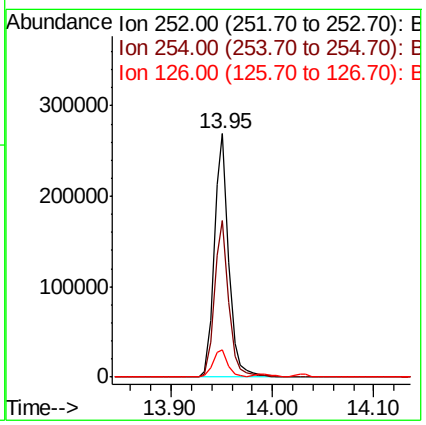


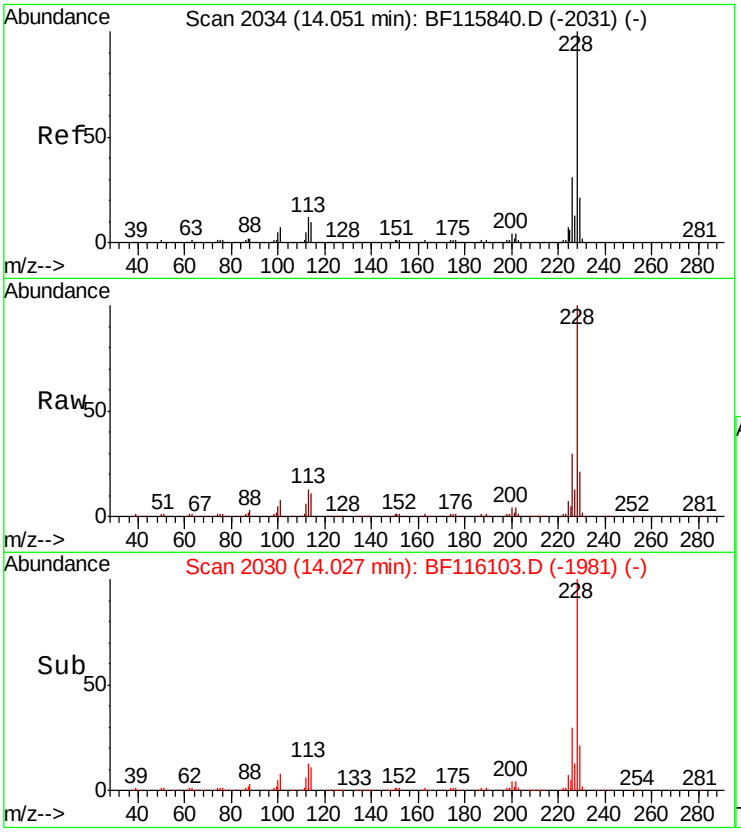




#82
3,3'-Dichlorobenzidine
Concen: 37.647 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:252 Resp: 266063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 50.9 | 76.3 |
| 126 | 11.0 | 9.8 | 14.8 |



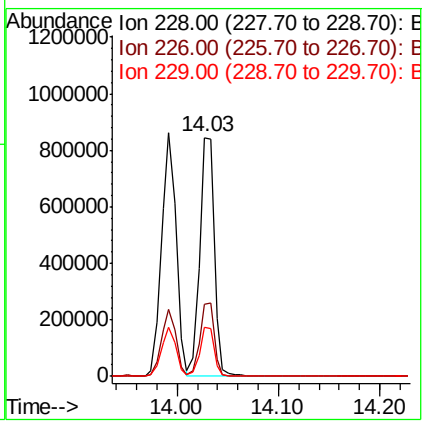


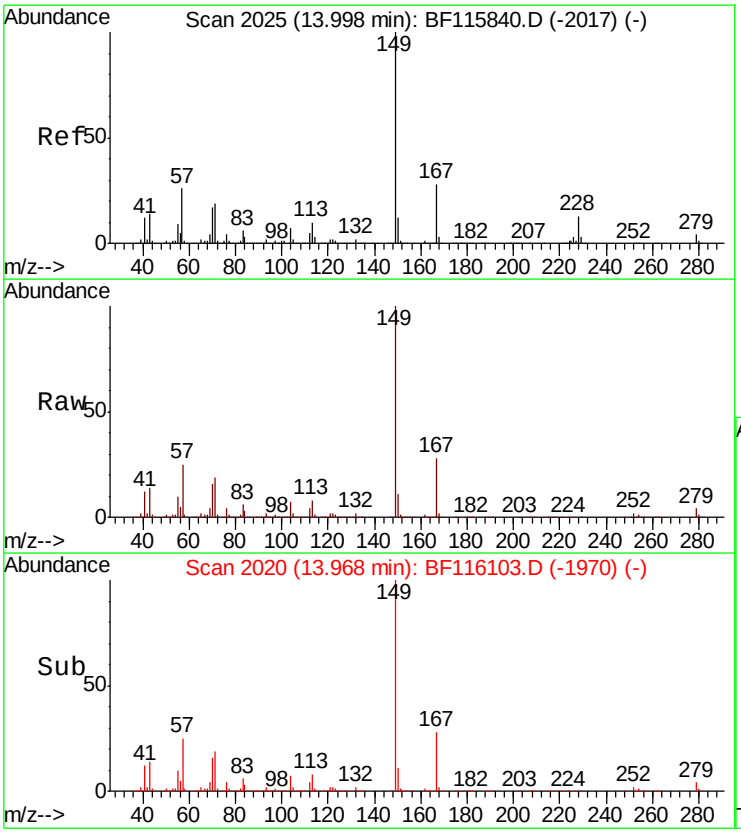

#83
Chrysene
Concen: 42.709 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:228 Resp: 843476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 25.5 | 38.3 |
| 229 | 20.5 | 16.6 | 24.8 |

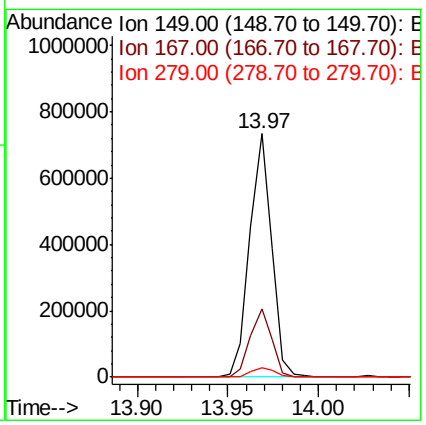


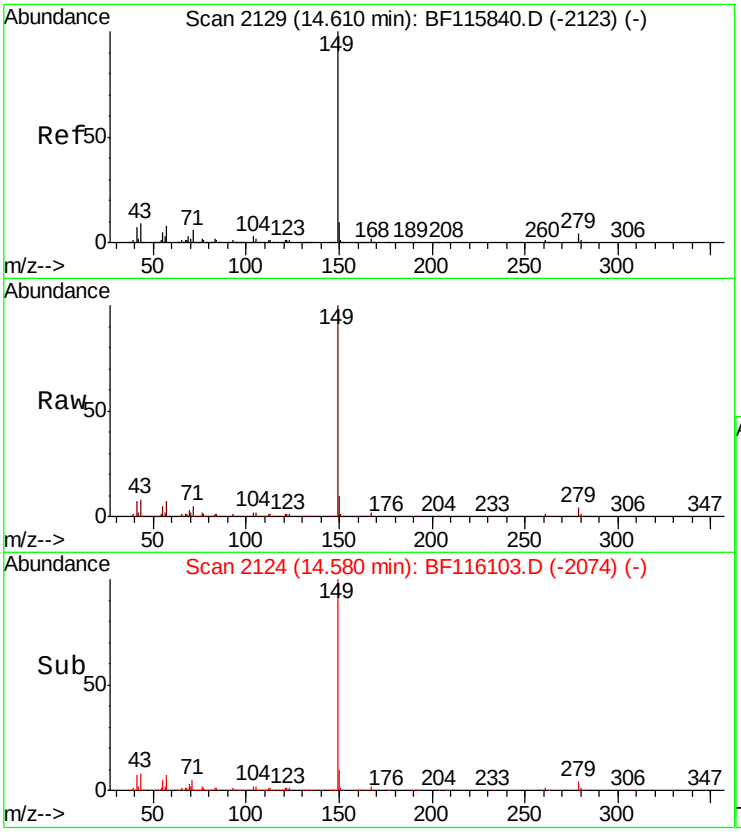




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.972 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:149 Resp: 619465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 21.6 | 32.4 |
| 279 | 4.0 | 3.0 | 4.4 |



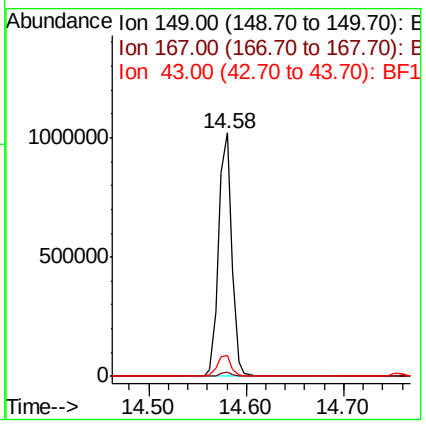


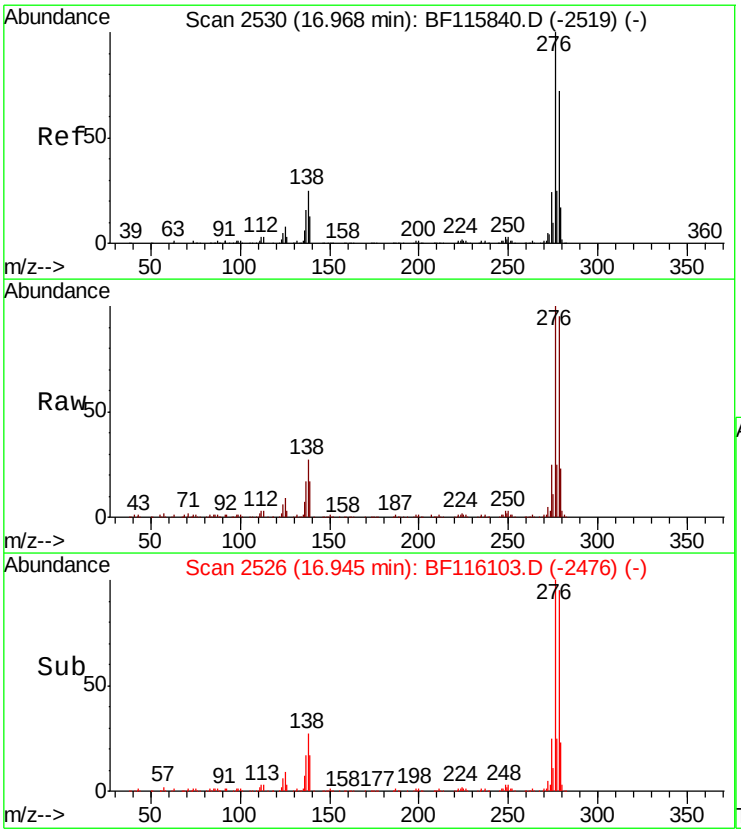

#85
Di-n-octyl phthalate
Concen: 45.709 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:149 Resp: 957468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.4 | 2.0 |
| 43 | 8.8 | 7.5 | 11.3 |

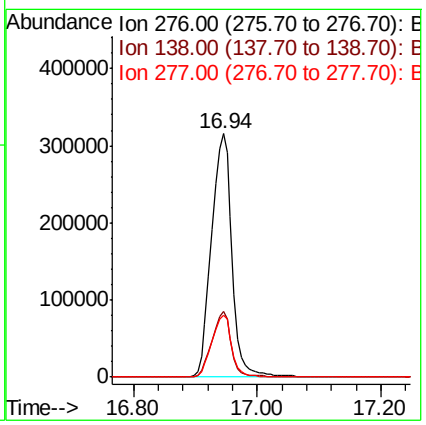


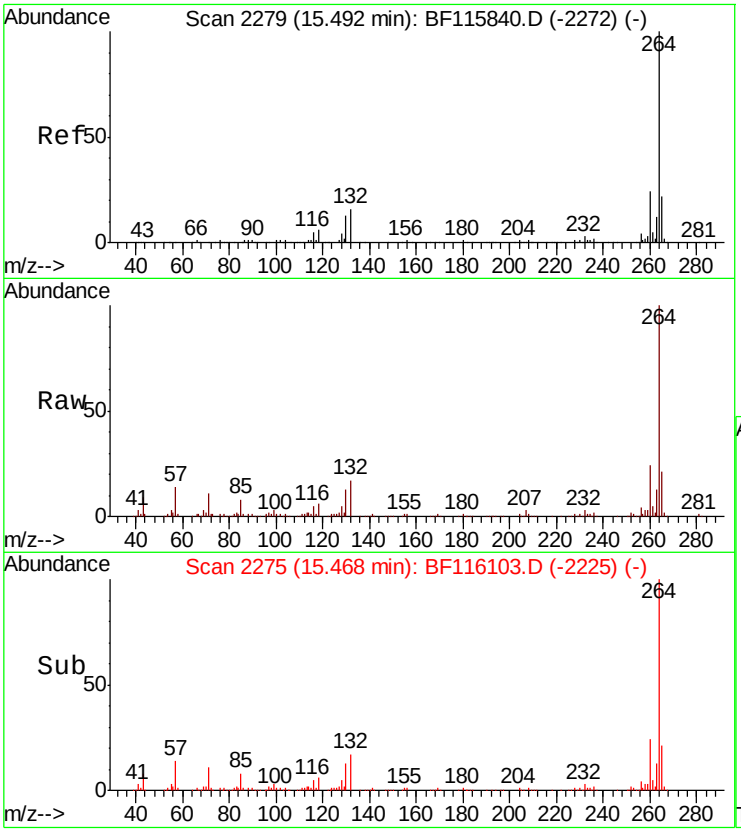




#86
Indeno(1,2,3-cd)pyrene
Concen: 43.559 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:276 Resp: 722532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.5 | 20.4 | 30.6 |
| 277 | 25.0 | 20.0 | 30.0 |



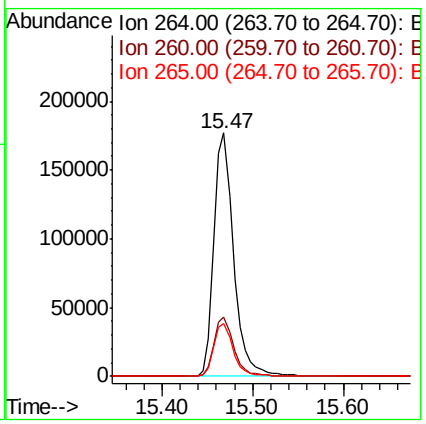


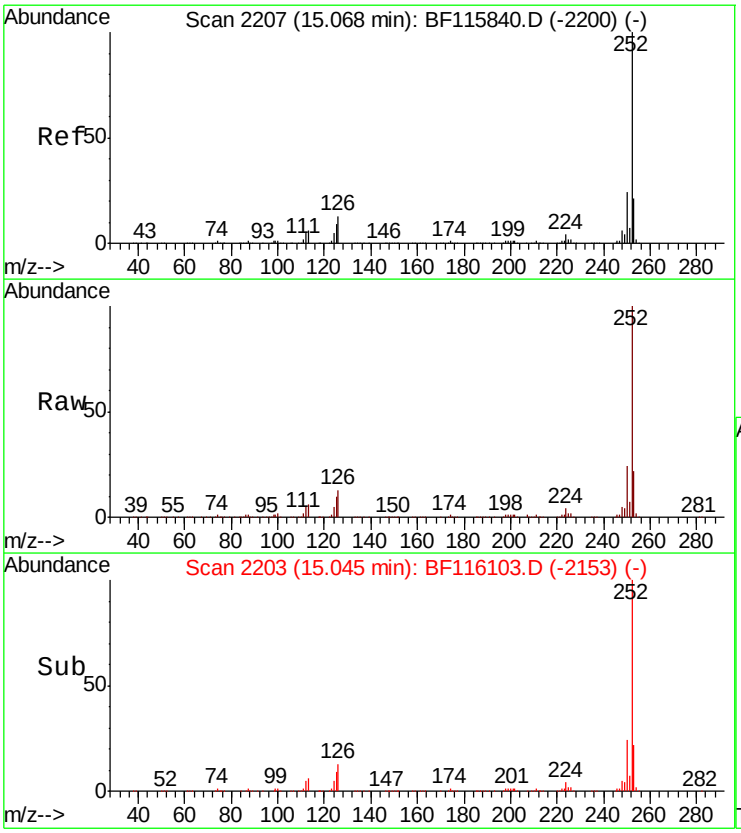

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:264 Resp: 266775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.7 | 29.5 |
| 265 | 21.5 | 17.4 | 26.0 |

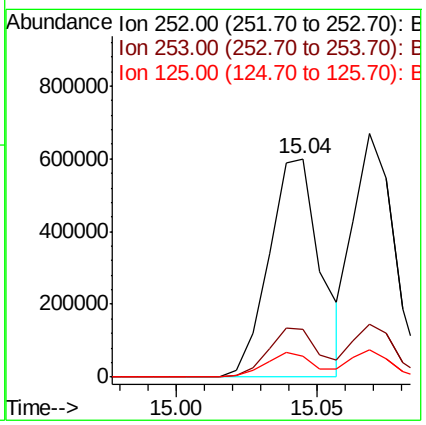


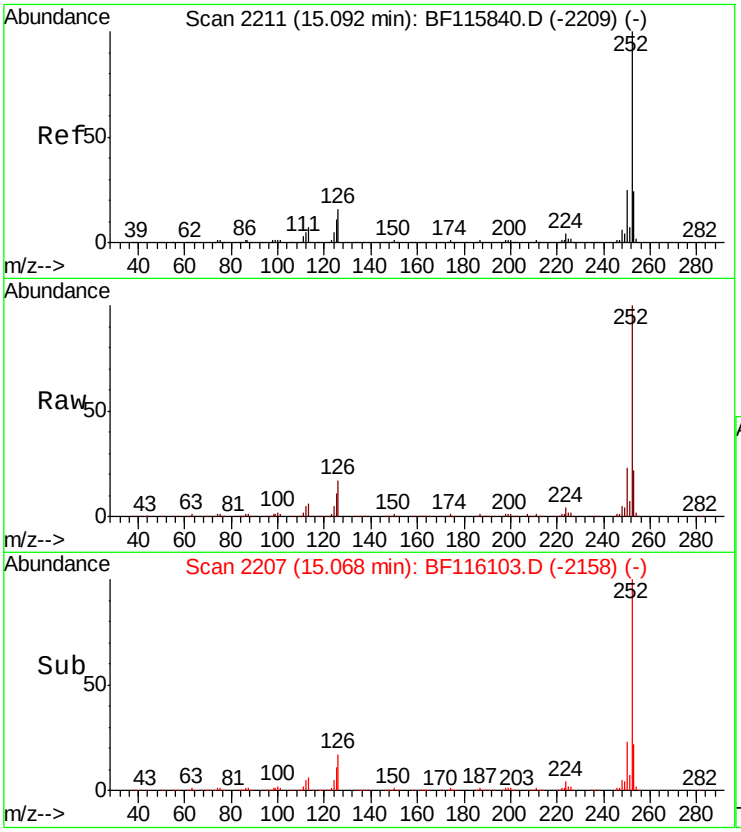




#88
Benzo(b)fluoranthene
Concen: 49.488 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:252 Resp: 763359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.8 |
| 125 | 9.6 | 8.4 | 12.6 |



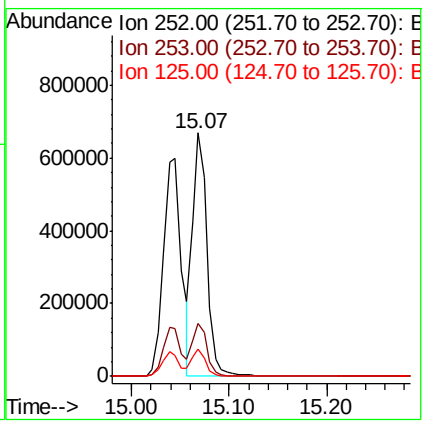


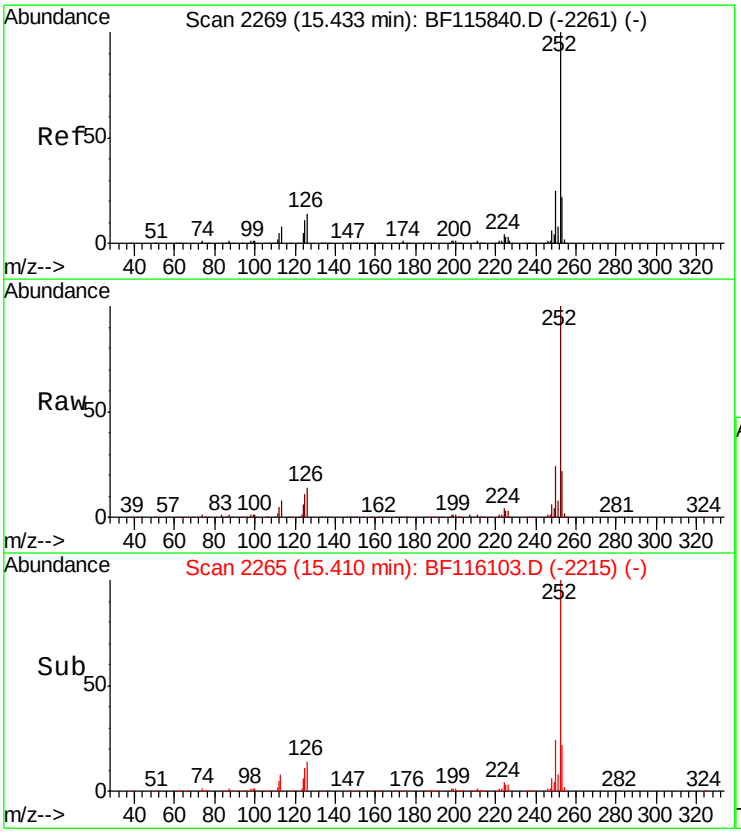

#89
Benzo(k)fluoranthene
Concen: 45.472 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:252 Resp: 683184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.8 |
| 125 | 11.1 | 7.7 | 11.5 |

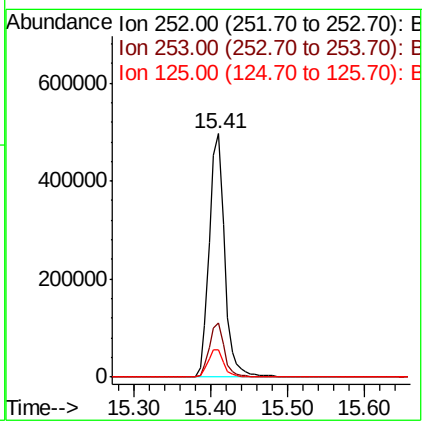


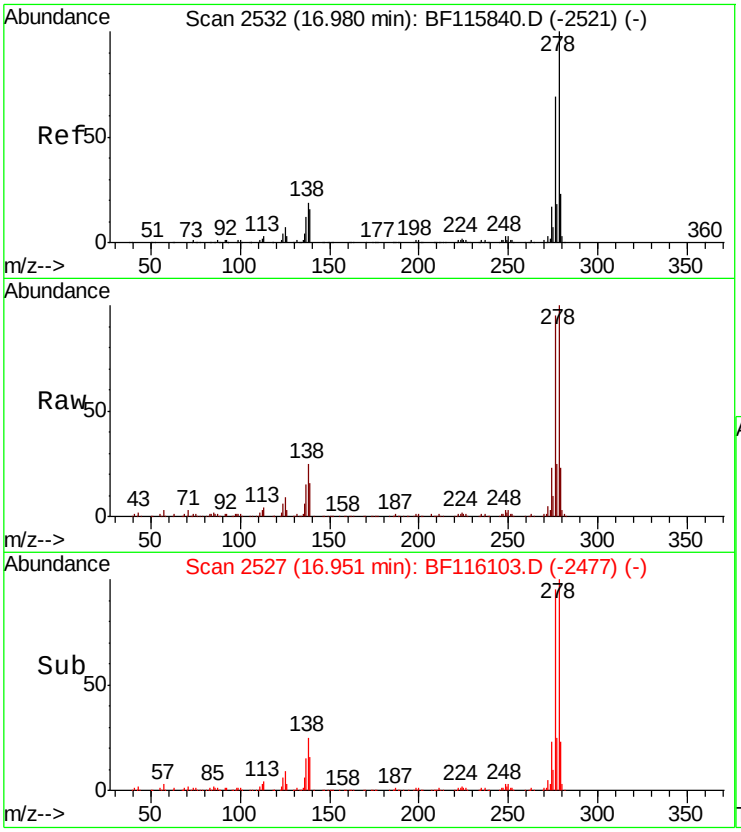




#90
Benzo(a)pyrene
Concen: 49.286 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:252 Resp: 679606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.0 | 27.0 |
| 125 | 11.0 | 8.9 | 13.3 |



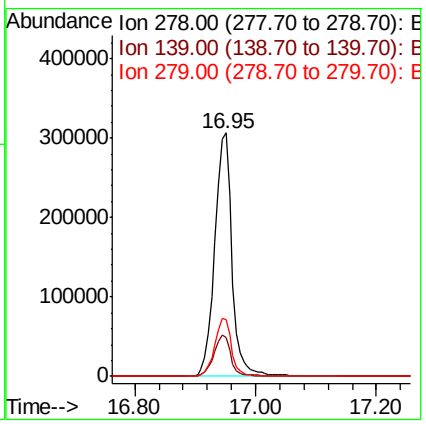


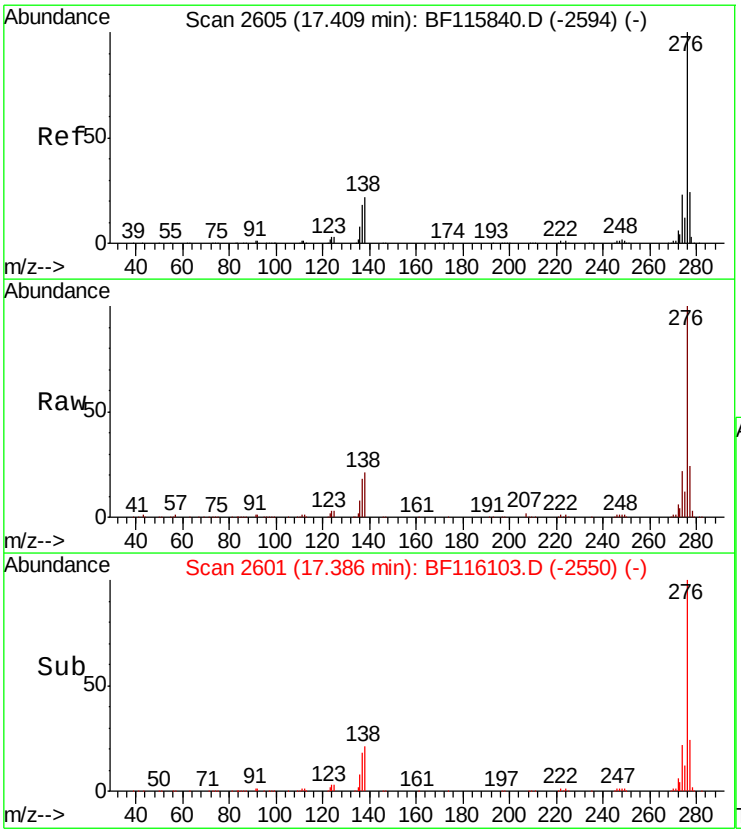

#91
Dibenzo(a,h)anthracene
Concen: 50.663 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

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

Tgt Ion:278 Resp: 604712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 12.8 | 19.2 |
| 279 | 23.2 | 18.8 | 28.2 |




#92
Benzo(g,h,i)perylene
Concen: 51.583 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:276 Resp: 604666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 18.4 | 27.6 |
| 138 | 21.4 | 17.0 | 25.6 |