Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110716.D
Acq On : 13 Nov 2018 11:16
Operator : JU/SJ
Sample : PB114706BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB114706BSD

Quant Time: Nov 13 11:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.94 | 152 | 66231 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.22 | 136 | 286981 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.99 | 164 | 137354 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.48 | 188 | 236907 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.13 | 240 | 142998 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.65 | 264 | 115297 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.57 | 112 | 315467 | 77.37 | ng | | 0.00 |
| 7) Phenol-d6 | 6.57 | 99 | 396652 | 76.07 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.51 | 82 | 365907 | 73.43 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 90659 | 65.50 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.30 | 172 | 734090 | 76.33 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.06 | 244 | 531798 | 69.65 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.84 | 88 | 50607 | 24.910 | ng | | 87 |
| 3) Pyridine | 3.62 | 79 | 133174 | 30.368 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.57 | 42 | 68346 | 36.323 | ng | # | 92 |
| 6) Aniline | 6.60 | 93 | 131733 | 19.373 | ng | # | 54 |
| 8) 2-Chlorophenol | 6.73 | 128 | 170391 | 35.647 | ng | | 98 |
| 9) Benzaldehyde | 6.50 | 77 | 97821 | 33.459 | ng | | 98 |
| 10) Phenol | 6.58 | 94 | 208346 | 34.460 | ng | # | 65 |
| 11) bis(2-Chloroethyl)ether | 6.67 | 93 | 154847 | 34.175 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.88 | 146 | 174171 | 33.302 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.96 | 146 | 178506 | 33.611 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.11 | 146 | 167966 | 33.997 | ng | | 97 |
| 15) Benzyl Alcohol | 7.08 | 79 | 143235 | 35.103 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45 | 246661 | 34.665 | ng | | 70 |
| 17) 2-Methylphenol | 7.19 | 107 | 138382 | 36.376 | ng | # | 82 |
| 18) Hexachloroethane | 7.45 | 117 | 62802 | 32.031 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70 | 116015 | 34.857 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.35 | 107 | 179694 | 36.797 | ng | # | 79 |
| 22) Acetophenone | 7.35 | 105 | 234370 | 35.042 | ng | | 95 |
| 24) Nitrobenzene | 7.53 | 77 | 176708 | 34.610 | ng | | 96 |
| 25) Isophorone | 7.76 | 82 | 314416 | 38.496 | ng | | 98 |
| 26) 2-Nitrophenol | 7.85 | 139 | 80561 | 31.629 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.87 | 122 | 154455 | 39.818 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93 | 199007 | 35.987 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.08 | 162 | 140611 | 35.228 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.16 | 180 | 150480 | 33.438 | ng | | 97 |
| 31) Naphthalene | 8.25 | 128 | 496233 | 36.834 | ng | | 99 |
| 32) Benzoic acid | 7.97 | 122 | 35871 | 13.070 | ng | | 97 |
| 33) 4-Chloroaniline | 8.30 | 127 | 102308 | 16.765 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.35 | 225 | 83014 | 32.296 | ng | | 97 |
| 35) Caprolactam | 8.66 | 113 | 43212 | 32.404 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 8.77 | 107 | 152575 | 35.444 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.94 | 142 | 344068 | 38.958 | ng | | 97 |
| 38) 1-Methylnaphthalene | 9.04 | 142 | 317452 | 37.376 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 145940 | 33.566 | ng | | 98 |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110716.D
Acq On : 13 Nov 2018 11:16
Operator : JU/SJ
Sample : PB114706BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB114706BSD

Quant Time: Nov 13 11:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.08 | 237 | 44750 | 31.511 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.22 | 196 | 91719 | 33.570 ng | | 93 |
| 44) 2,4,5-Trichlorophenol | 9.26 | 196 | 99483 | 34.135 ng | | 95 |
| 46) 1,1'-Biphenyl | 9.40 | 154 | 417965 | 32.620 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.43 | 162 | 312791 | 33.885 ng | | 98 |
| 48) 2-Nitroaniline | 9.53 | 65 | 101037 | 35.518 ng | | 91 |
| 49) Acenaphthylene | 9.85 | 152 | 489373 | 36.812 ng | | 99 |
| 50) Dimethylphthalate | 9.70 | 163 | 366567 | 35.766 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.77 | 165 | 79117 | 35.092 ng | | 98 |
| 52) Acenaphthene | 10.02 | 154 | 292436 | 34.808 ng | | 97 |
| 53) 3-Nitroaniline | 9.95 | 138 | 62803 | 24.044 ng | | 86 |
| 54) 2,4-Dinitrophenol | 10.06 | 184 | 17481 | 23.022 ng | | 91 |
| 55) Dibenzofuran | 10.19 | 168 | 427275 | 34.761 ng | | 97 |
| 56) 4-Nitrophenol | 10.10 | 139 | 99414 | 57.369 ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.18 | 165 | 101953 | 34.779 ng | | 91 |
| 58) Fluorene | 10.53 | 166 | 341605 | 36.182 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.31 | 232 | 79474 | 34.664 ng | # | 94 |
| 60) Diethylphthalate | 10.40 | 149 | 365071 | 36.005 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204 | 162574 | 33.257 ng | | 96 |
| 62) 4-Nitroaniline | 10.56 | 138 | 81749 | 31.080 ng | | 97 |
| 63) Azobenzene | 10.69 | 77 | 342799 | 34.652 ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.59 | 198 | 17038 | 14.270 ng | | 82 |
| 66) n-Nitrosodiphenylamine | 10.64 | 169 | 297549 | 37.262 ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 11.02 | 248 | 94141 | 35.955 ng | | 97 |
| 68) Hexachlorobenzene | 11.09 | 284 | 95909 | 34.743 ng | # | 91 |
| 69) Atrazine | 11.16 | 200 | 95922 | 39.286 ng | | 99 |
| 70) Pentachlorophenol | 11.29 | 266 | 64171 | 43.566 ng | | 95 |
| 71) Phenanthrene | 11.50 | 178 | 469541 | 36.994 ng | | 99 |
| 72) Anthracene | 11.56 | 178 | 485984 | 37.957 ng | | 99 |
| 73) Carbazole | 11.71 | 167 | 406787 | 33.083 ng | | 99 |
| 74) Di-n-butylphthalate | 12.02 | 149 | 564281 | 39.134 ng | | 99 |
| 75) Fluoranthene | 12.70 | 202 | 428978 | 33.712 ng | | 99 |
| 77) Benzidine | 12.82 | 184 | 114070 | 29.007 ng | | 96 |
| 78) Pyrene | 12.93 | 202 | 418442 | 38.004 ng | | 99 |
| 80) Butylbenzylphthalate | 13.53 | 149 | 197659 | 41.709 ng | | 96 |
| 81) Benzo(a)anthracene | 14.12 | 228 | 320769 | 37.529 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.07 | 252 | 81758 | 28.554 ng | | 99 |
| 83) Chrysene | 14.16 | 228 | 303800 | 37.309 ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149 | 270035 | 45.933 ng | | 97 |
| 85) Di-n-octyl phthalate | 14.69 | 149 | 400764 | 46.357 ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.22 | 276 | 246486 | 42.183 ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.20 | 252 | 262219 | 38.017 ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.23 | 252 | 247856 | 36.367 ng | # | 96 |
| 90) Benzo(a)pyrene | 15.59 | 252 | 238763 | 38.099 ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.23 | 278 | 205164 | 38.686 ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.70 | 276 | 190374 | 36.180 ng | | 96 |

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

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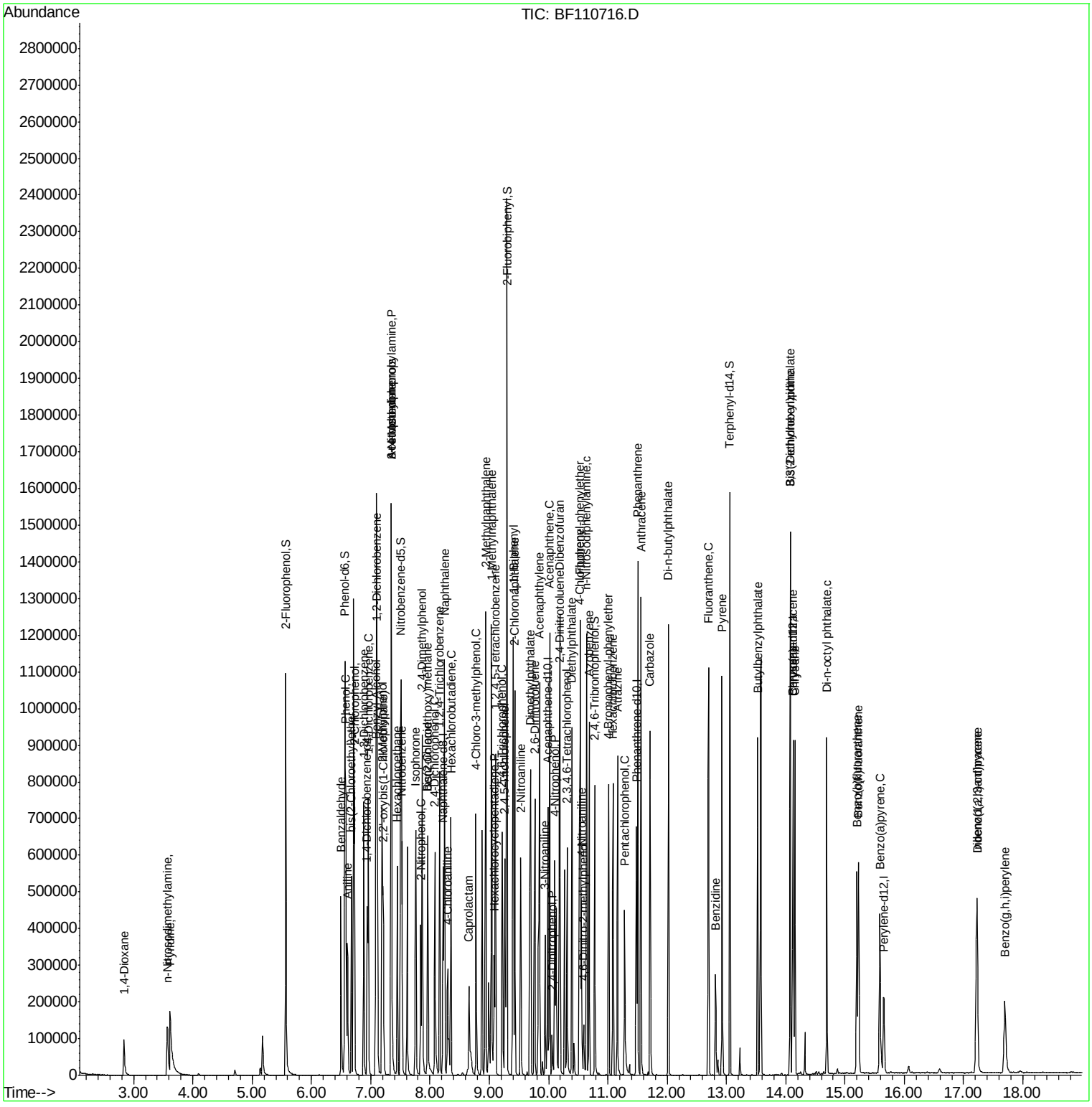
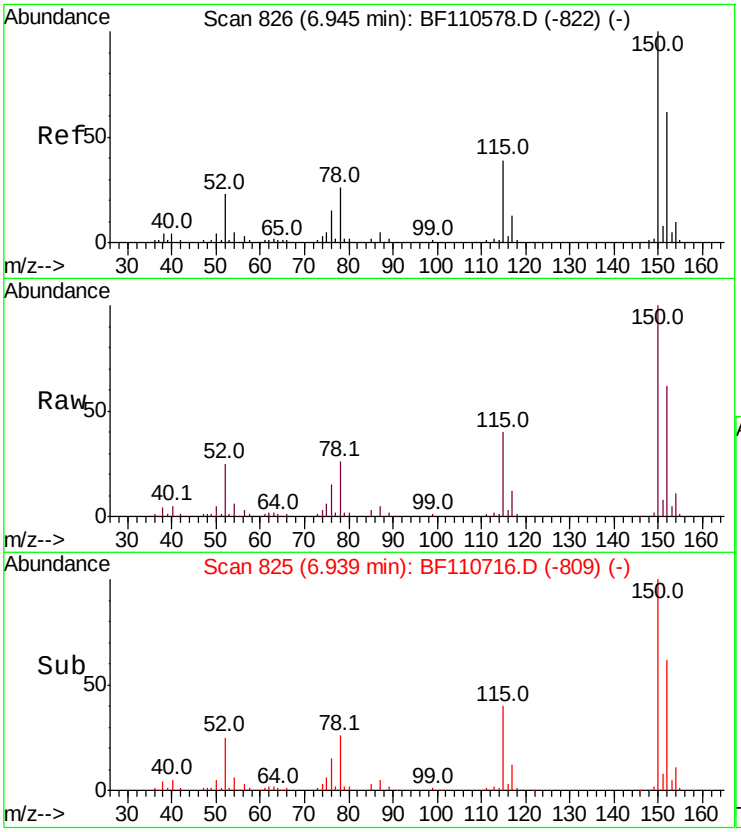
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110716.D
Acq On : 13 Nov 2018 11:16
Operator : JU/SJ
Sample : PB114706BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Quant Time: Nov 13 11:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



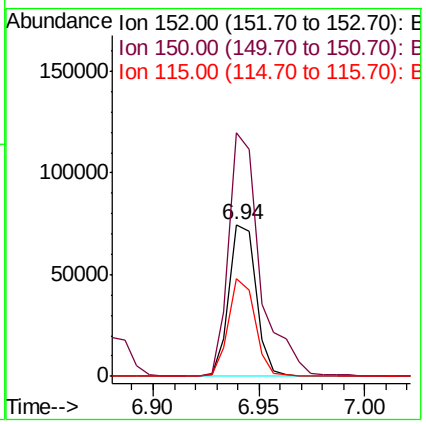


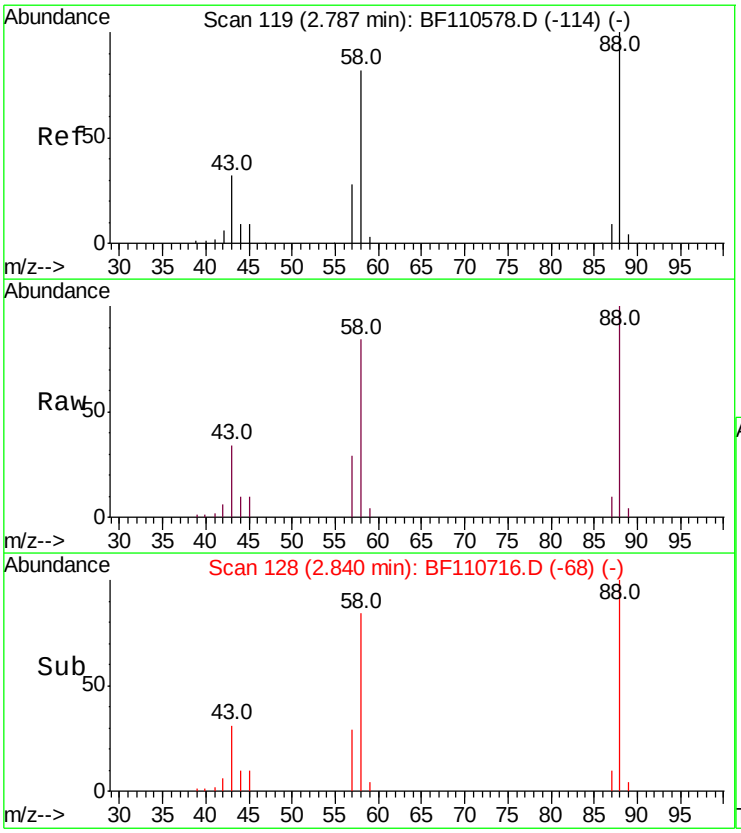

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:152 Resp: 66231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.5 | 122.7 | 184.1 |
| 115 | 64.6 | 49.1 | 73.7 |

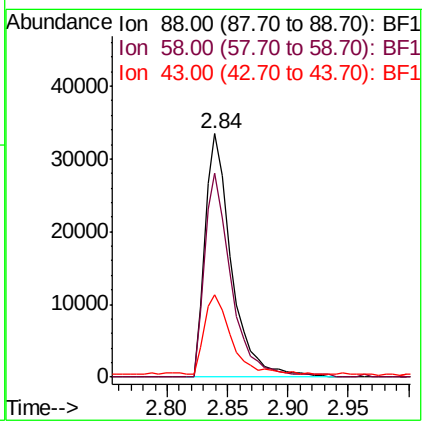


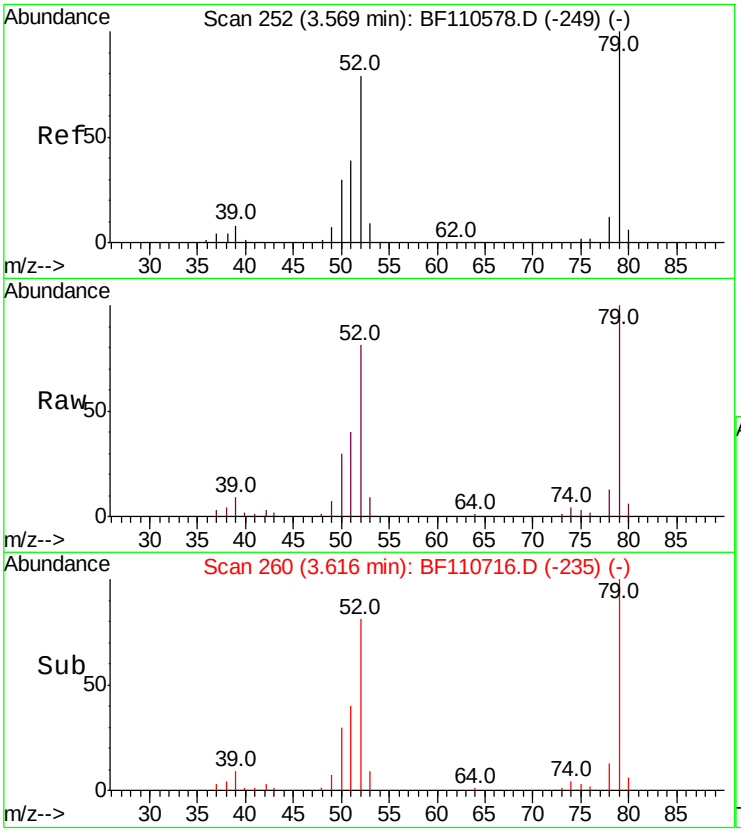




#2
1,4-Dioxane
Concen: 24.910 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.05 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 88 Resp: 50607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 84.5 | 57.1 | 85.7 |
| 43 | 33.1 | 24.1 | 36.1 |



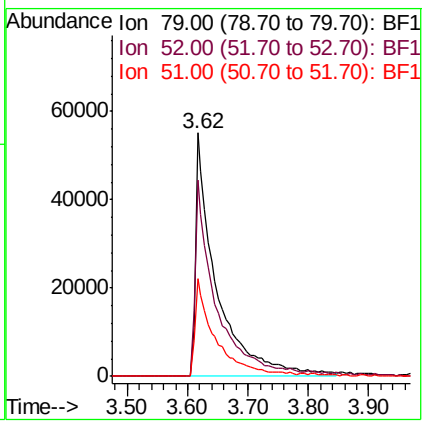


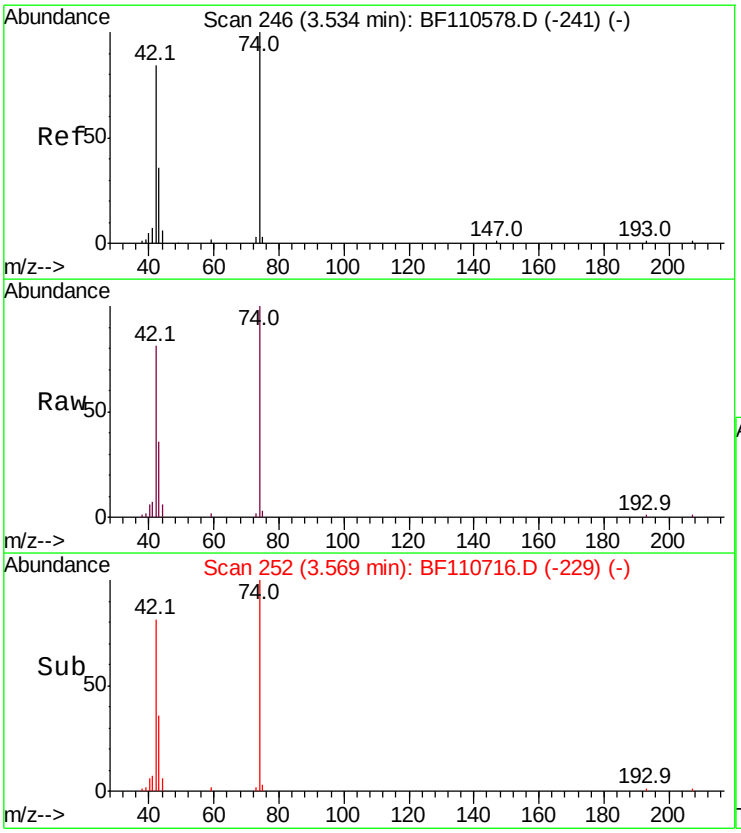

#3
Pyridine
Concen: 30.368 ng
RT: 3.62 min Scan# 260
Delta R.T. 0.05 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 79 Resp: 133174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.6 | 53.1 | 79.7# |
| 51 | 39.9 | 27.4 | 41.2 |

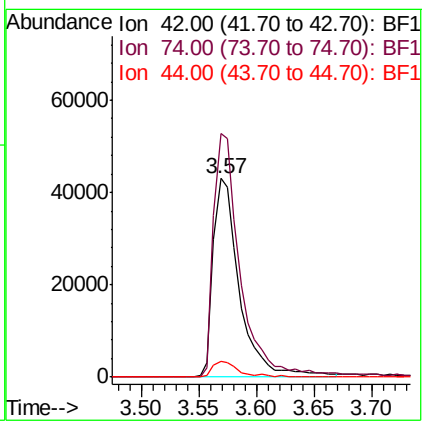


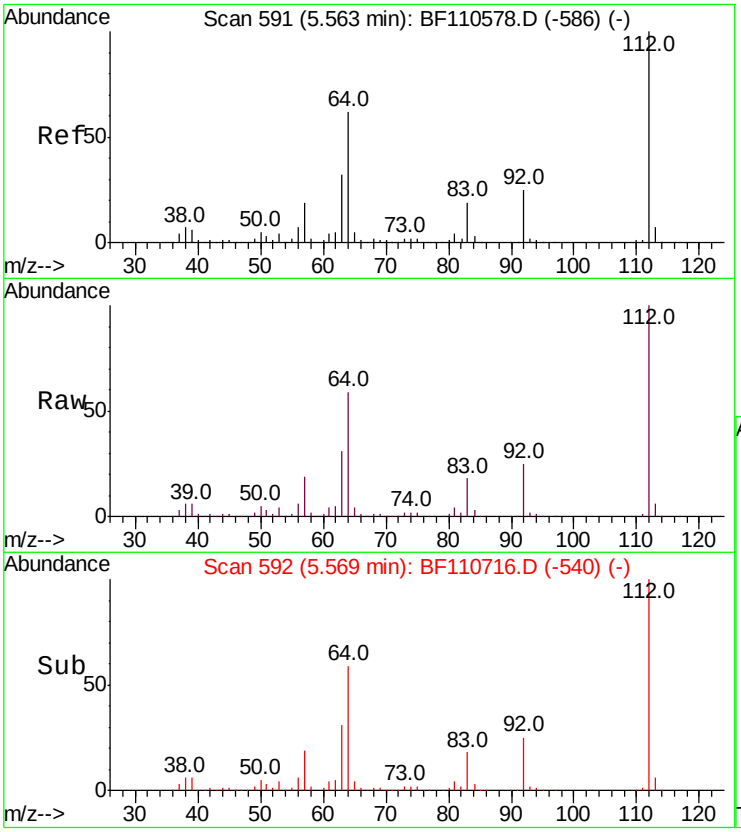




#4
n-Nitrosodimethylamine
Concen: 36.323 ng
RT: 3.57 min Scan# 252
Delta R.T. 0.04 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 42 Resp: 68346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.7 | 105.5 | 158.3 |
| 44 | 7.9 | 4.9 | 7.3# |



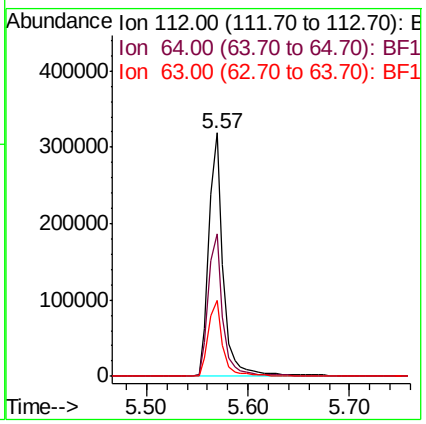


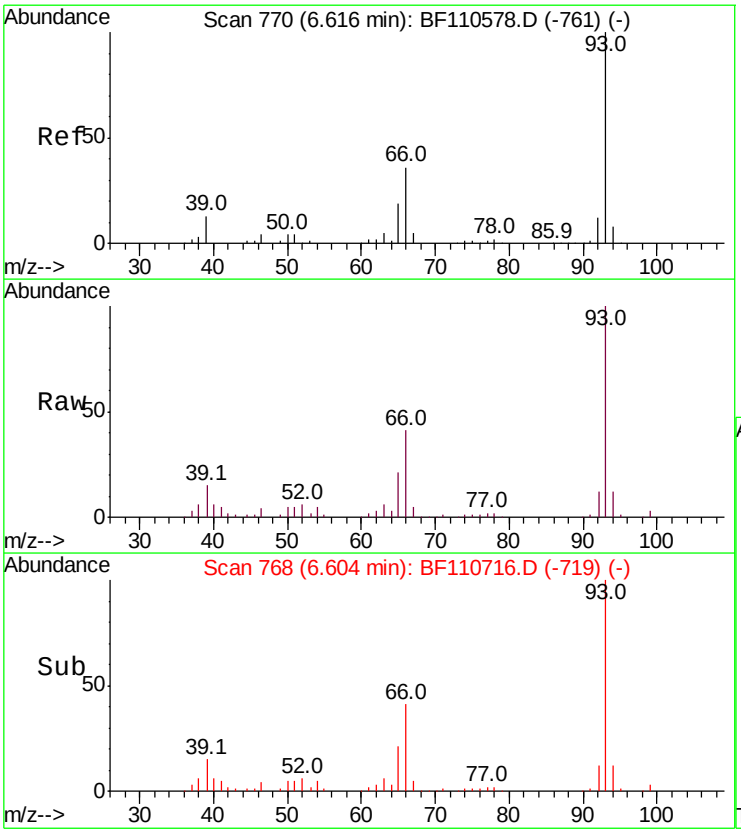

#5
2-Fluorophenol
Concen: 77.368 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:112 Resp: 315467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.7 | 44.1 | 66.1 |
| 63 | 31.1 | 23.7 | 35.5 |

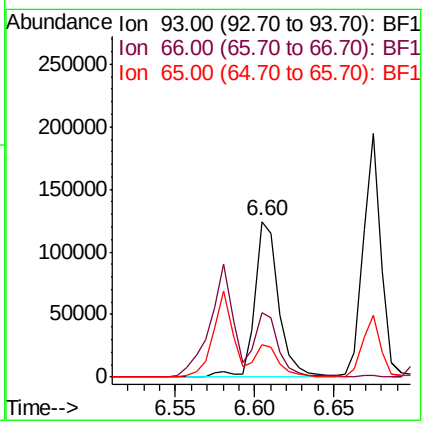


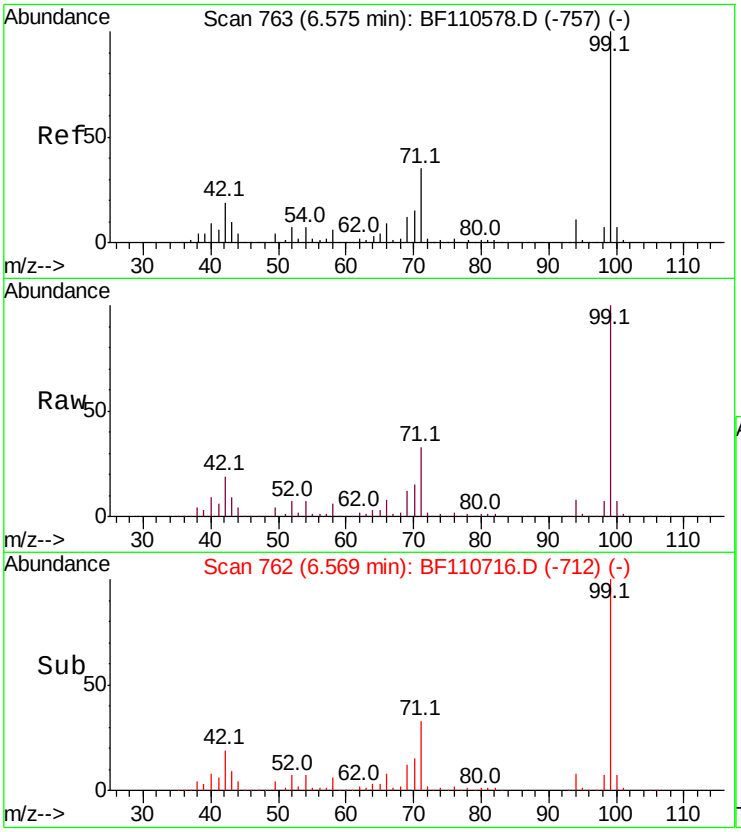




#6
Aniline
Concen: 19.373 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 93 Resp: 131733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.2 | 67.4 | 101.0# |
| 65 | 21.1 | 41.0 | 61.4# |



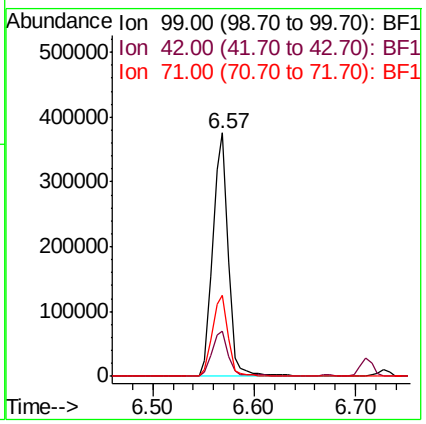


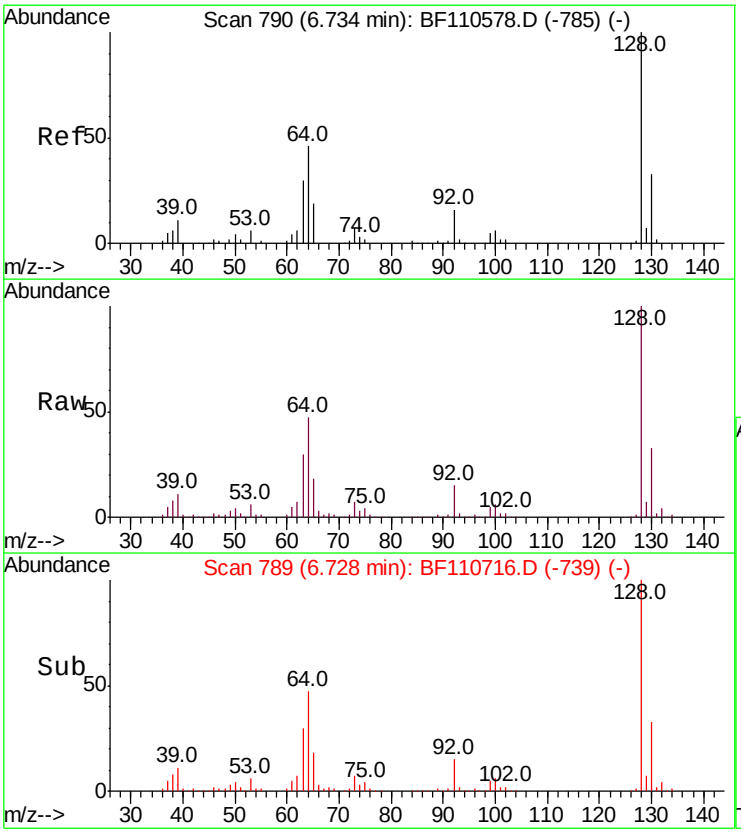

#7
Phenol-d6
Concen: 76.073 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 99 Resp: 396652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.8 | 15.8 | 23.6 |
| 71 | 33.5 | 28.0 | 42.0 |

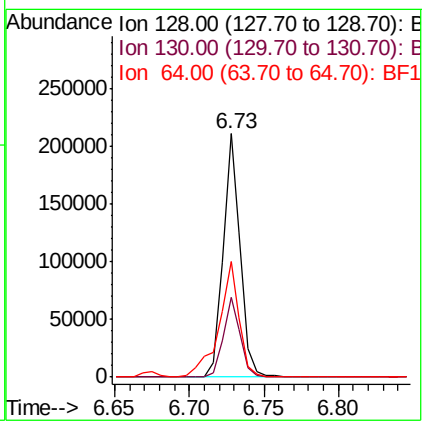


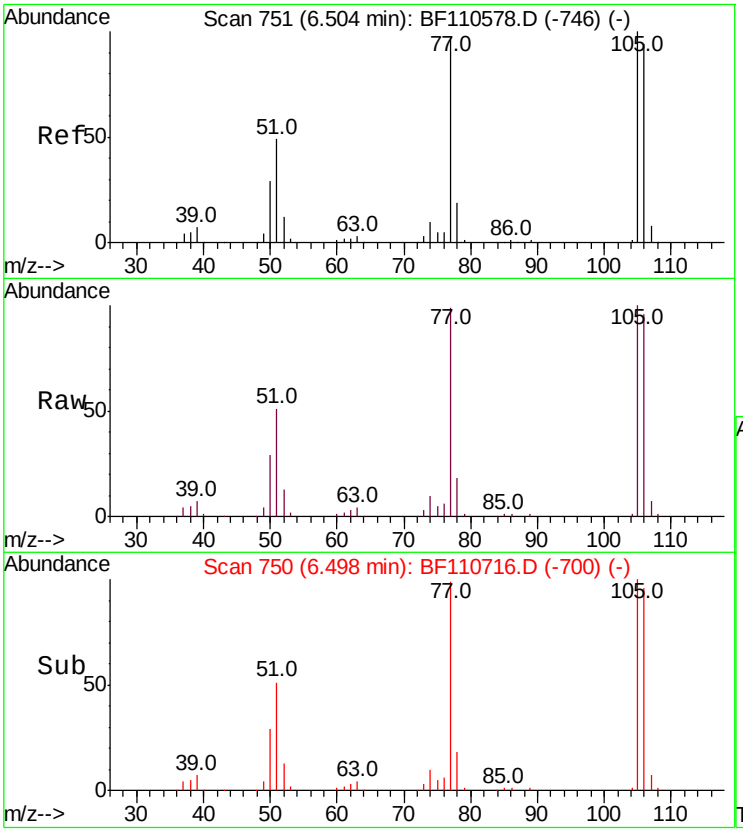




#8
2-Chlorophenol
Concen: 35.647 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:128 Resp: 170391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 13.1 | 53.1 |
| 64 | 47.5 | 26.0 | 66.0 |



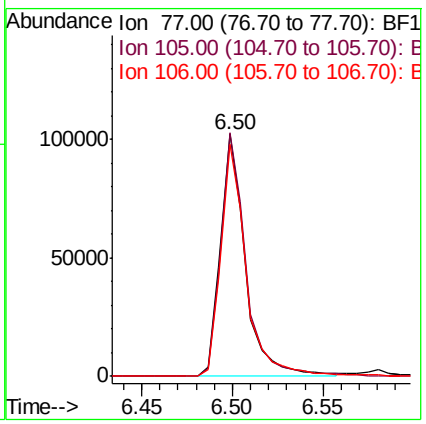


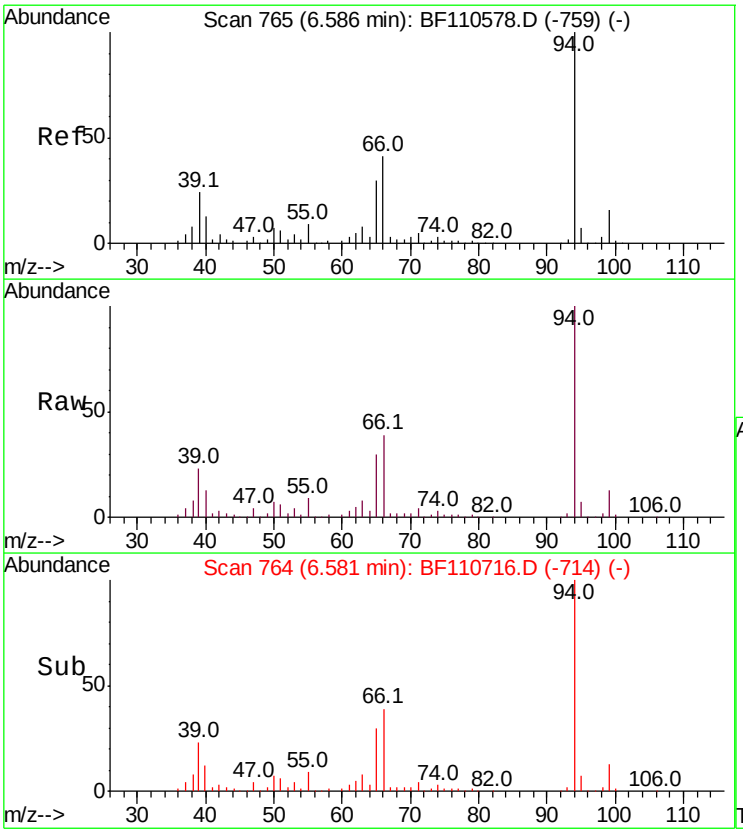

#9
Benzaldehyde
Concen: 33.459 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 77 Resp: 97821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.6 | 78.6 | 118.6 |
| 106 | 96.1 | 74.8 | 114.8 |

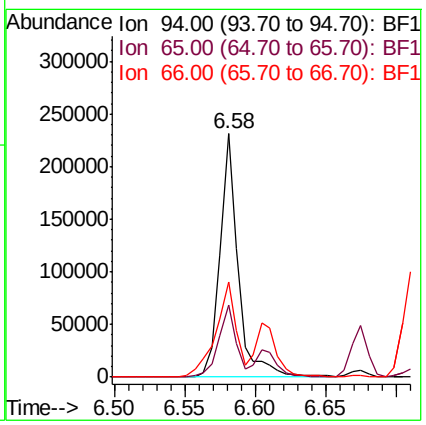


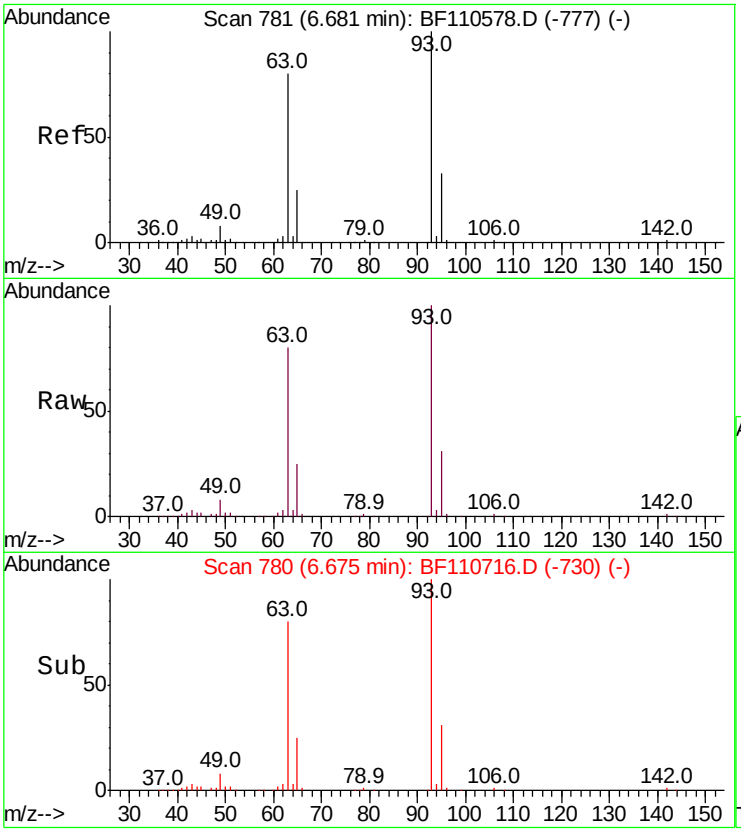




#10
Phenol
Concen: 34.460 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 94 Resp: 208346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.7 | 25.3 | 65.3 |
| 66 | 38.9 | 54.5 | 94.5# |



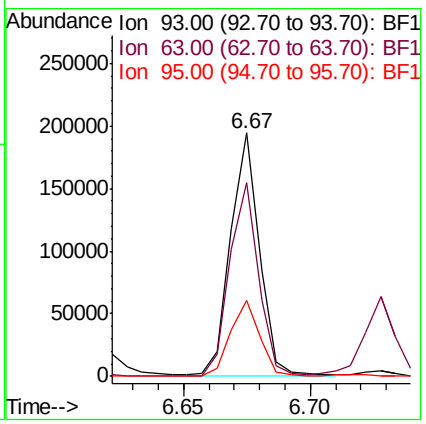


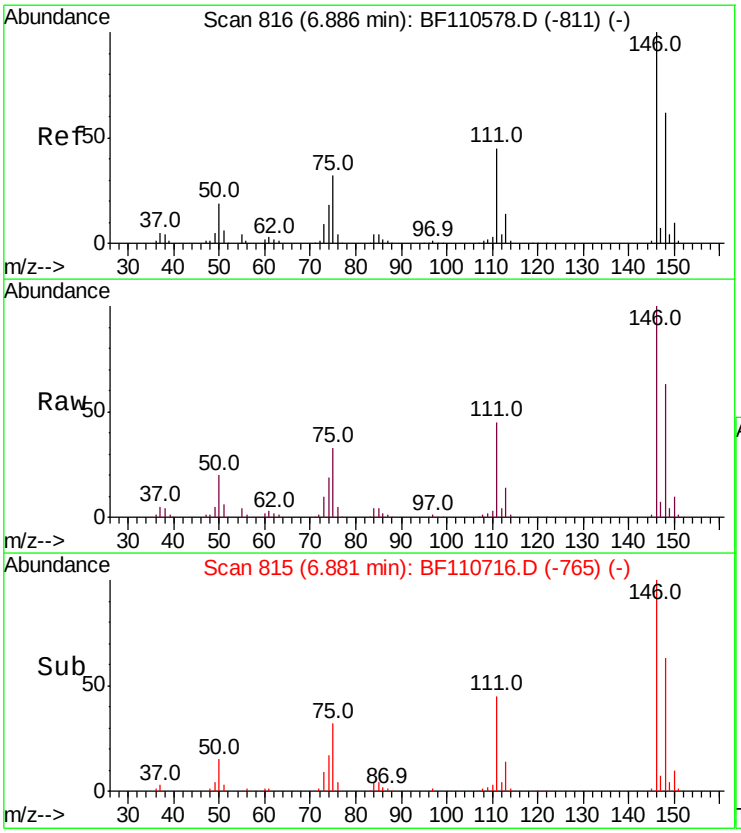

#11
bis(2-Chloroethyl)ether
Concen: 34.175 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 93 Resp: 154847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.6 | 53.4 | 93.4 |
| 95 | 31.2 | 12.1 | 52.1 |

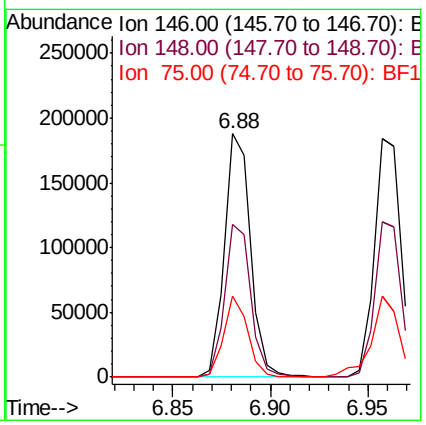


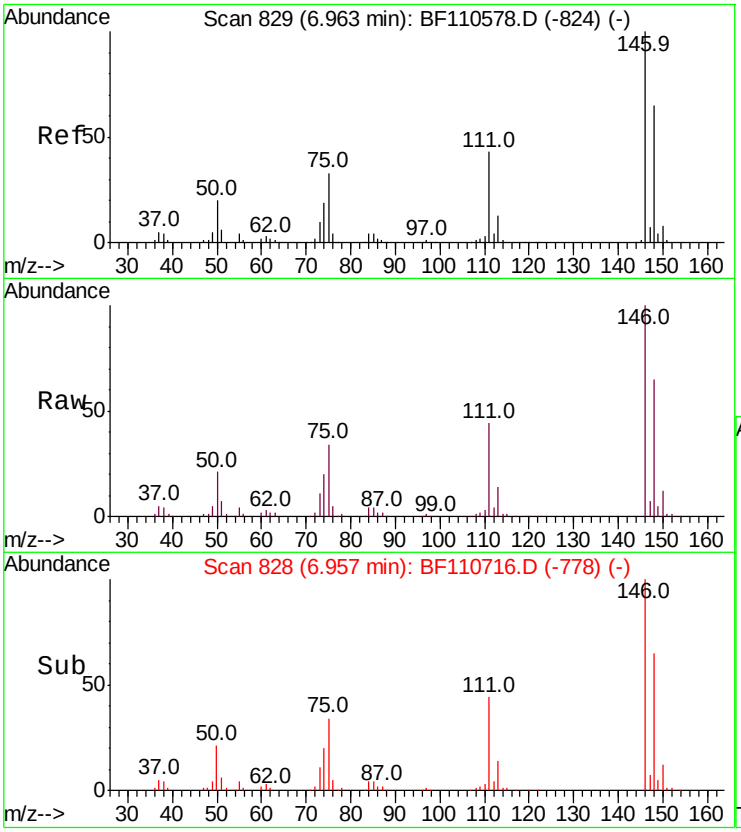




#12
1,3-Dichlorobenzene
Concen: 33.302 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:146 Resp: 174171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.4 | 75.6 |
| 75 | 33.1 | 25.8 | 38.6 |



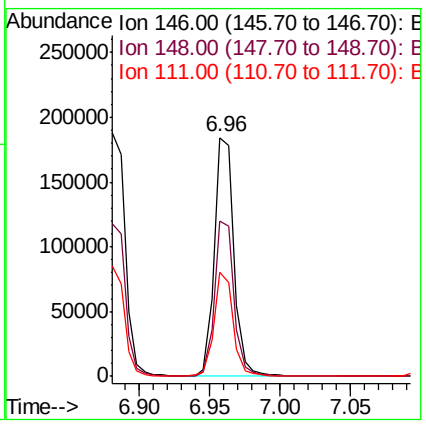


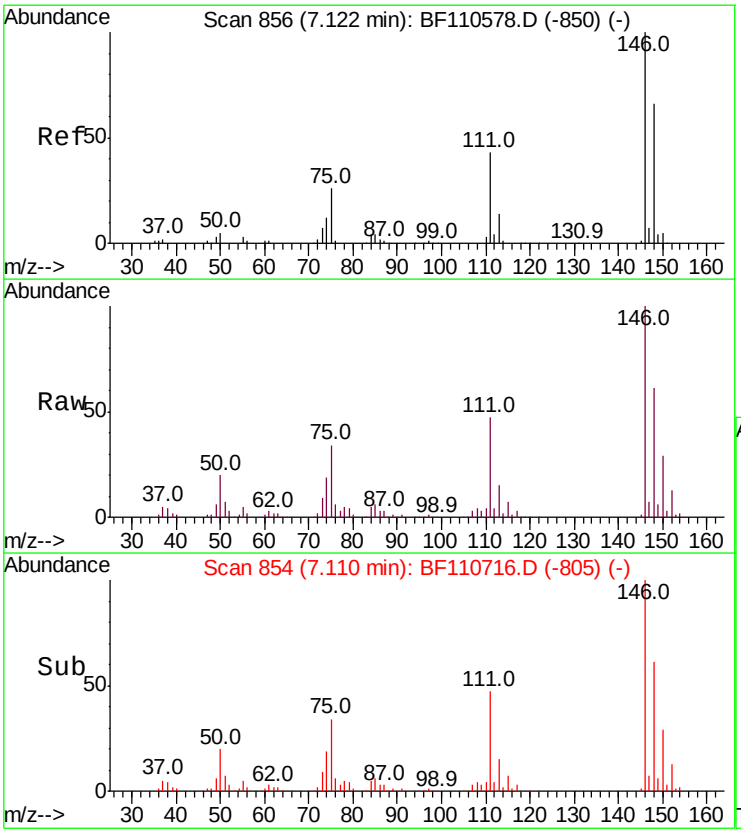

#13
1,4-Dichlorobenzene
Concen: 33.611 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:146 Resp: 178506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 50.3 | 75.5 |
| 111 | 43.6 | 32.7 | 49.1 |

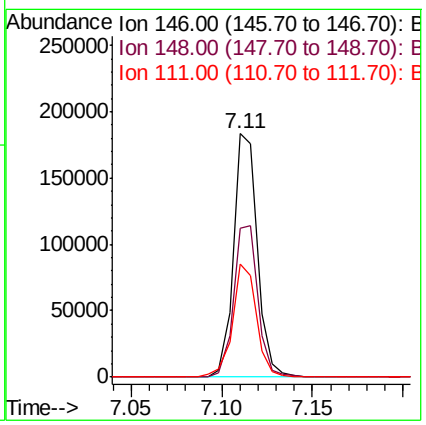


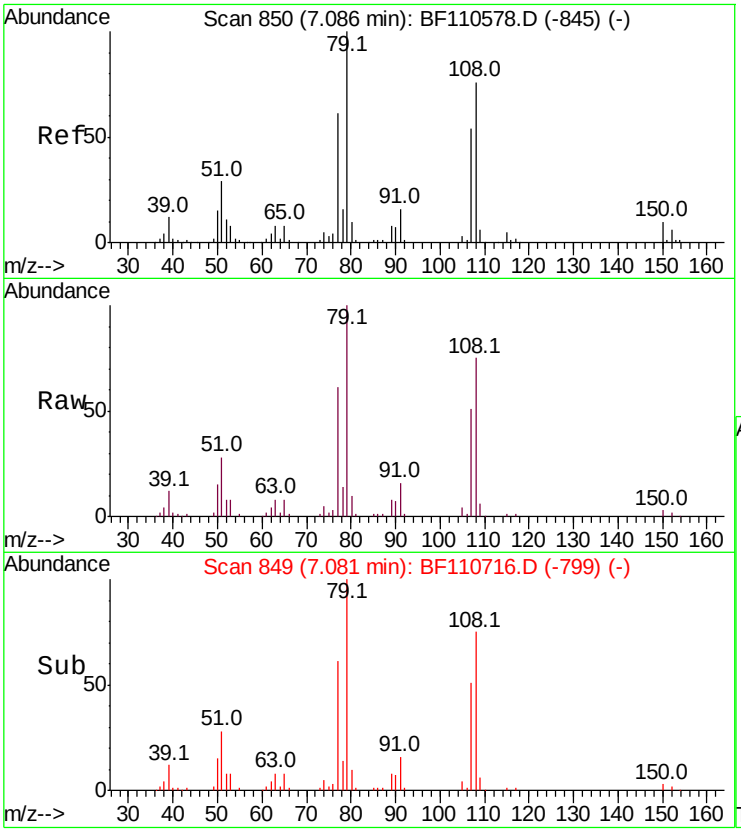




#14
1,2-Dichlorobenzene
Concen: 33.997 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:146 Resp: 167966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.4 | 51.1 | 76.7 |
| 111 | 46.5 | 35.8 | 53.6 |



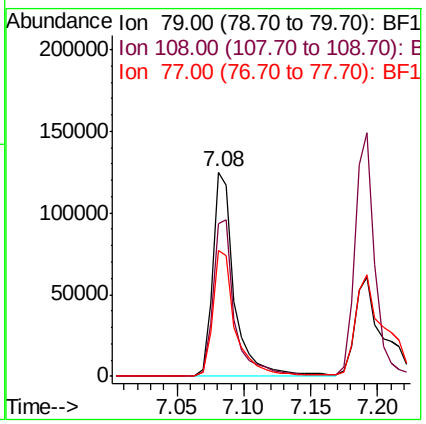


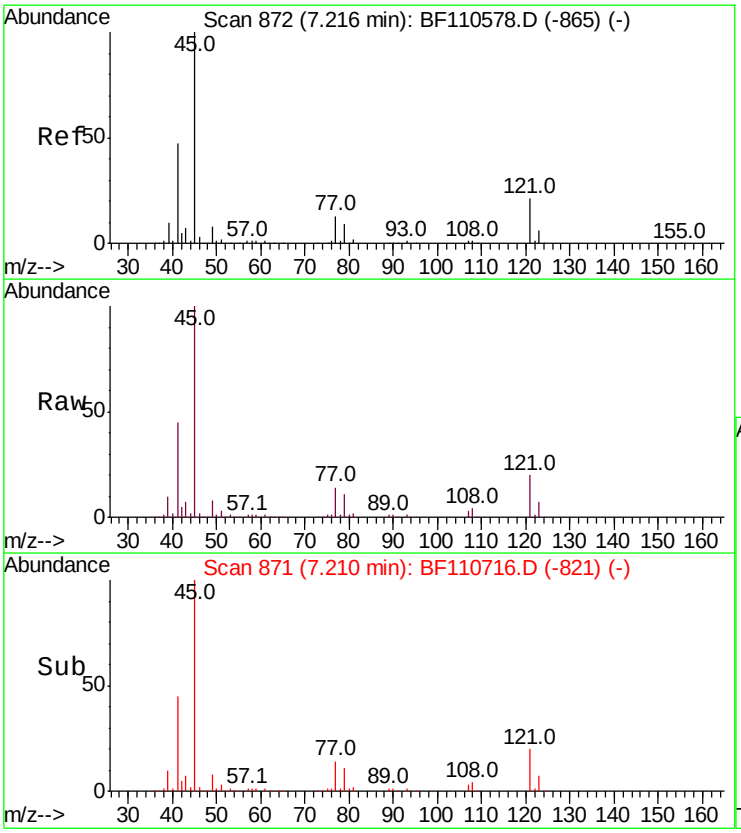

#15
Benzyl Alcohol
Concen: 35.103 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 79 Resp: 143235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.1 | 56.3 | 84.5 |
| 77 | 61.5 | 52.9 | 79.3 |

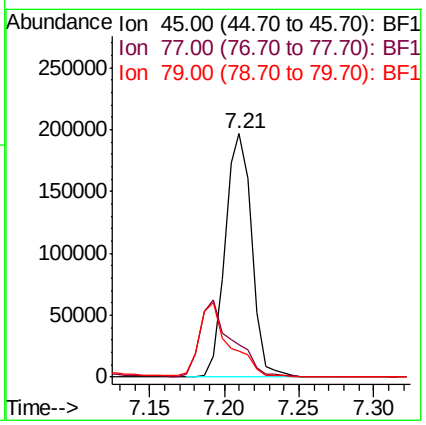


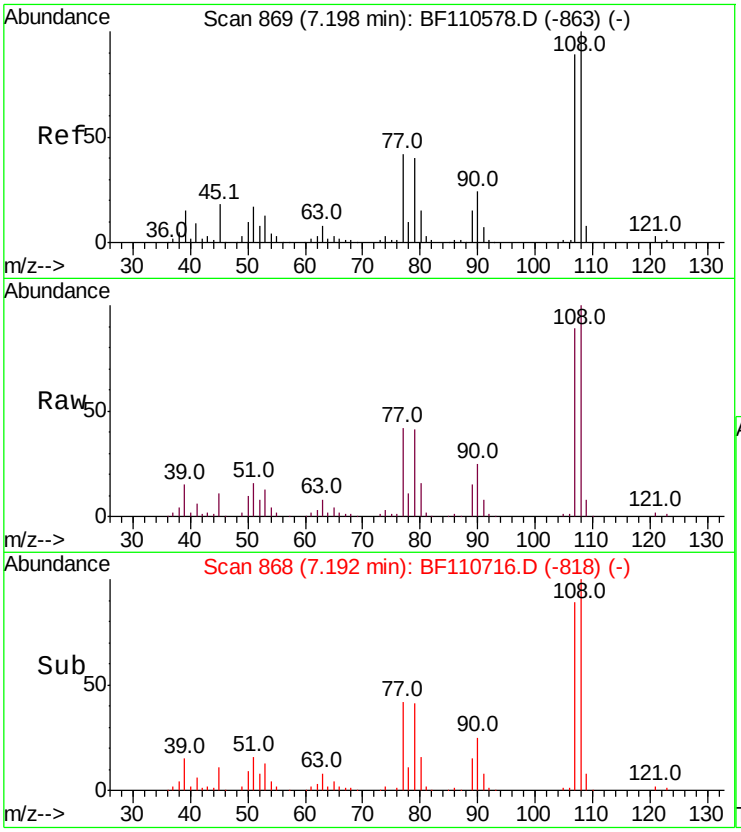




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.665 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 45 Resp: 246661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.6 | 10.0 | 50.0 |
| 79 | 10.9 | 6.1 | 46.1 |



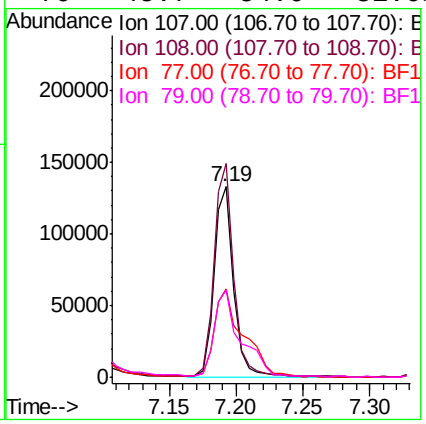


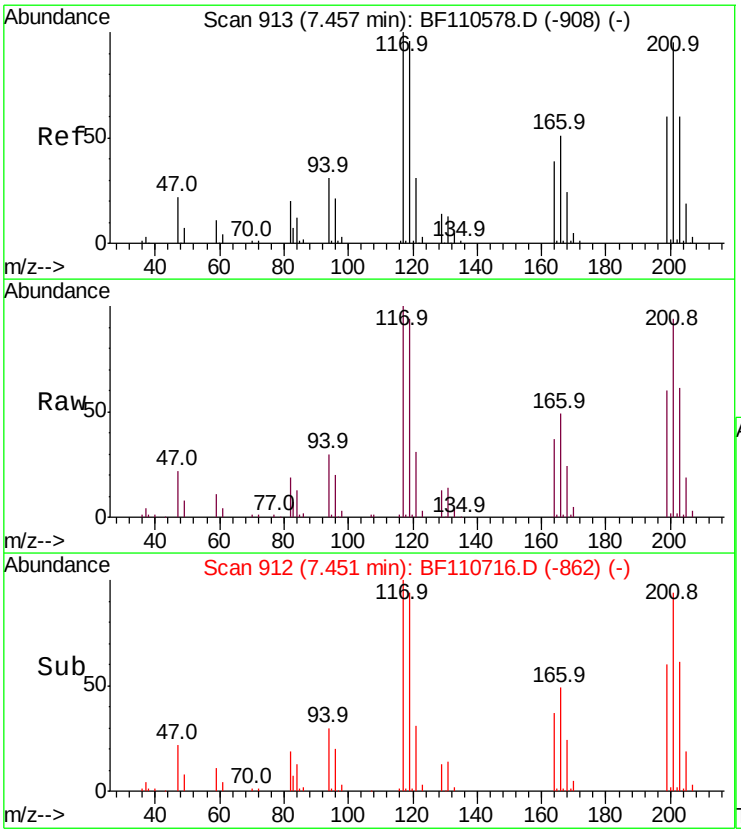

#17
2-Methylphenol
Concen: 36.376 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:107 Resp: 138382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.3 | 92.6 | 138.8 |
| 77 | 46.8 | 59.4 | 89.2# |
| 79 | 45.7 | 54.0 | 81.0# |

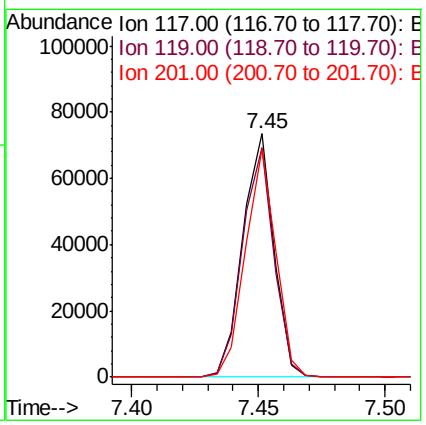


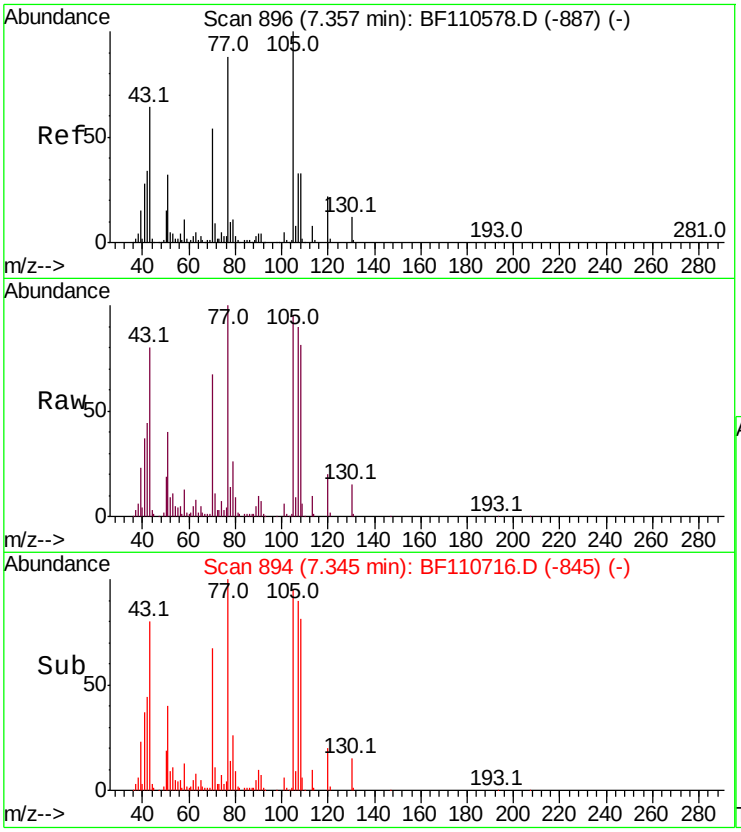




#18
Hexachloroethane
Concen: 32.031 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:117 Resp: 62802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.0 | 75.0 | 112.6 |
| 201 | 93.8 | 79.2 | 118.8 |



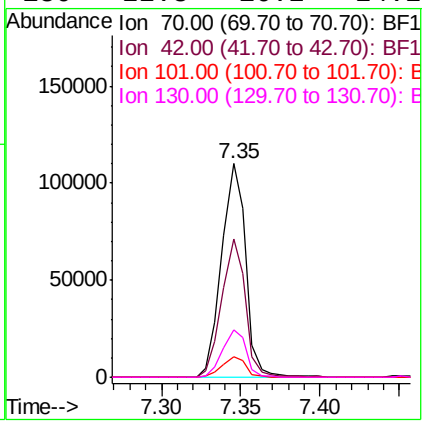


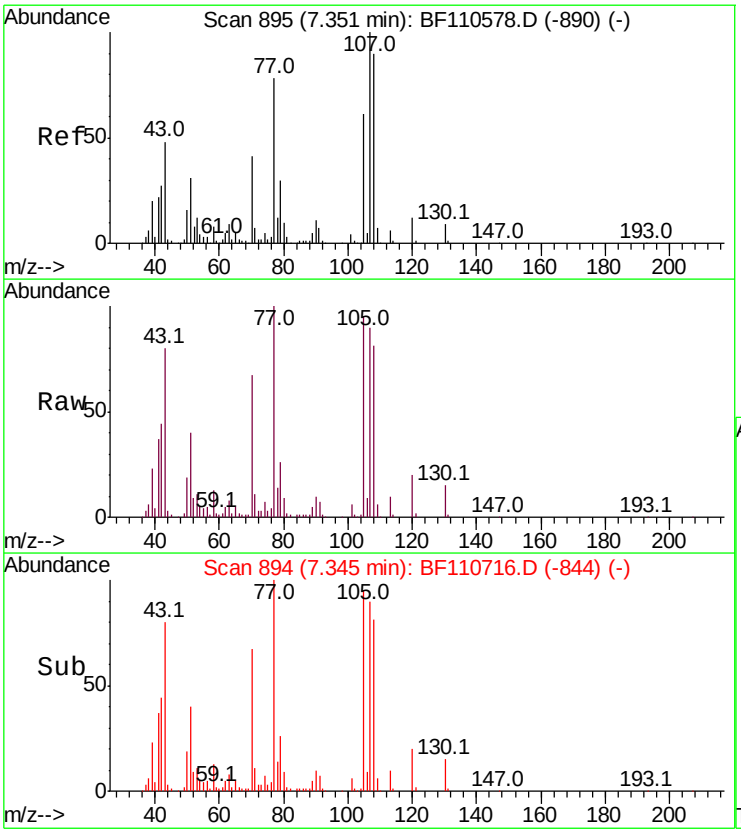

#19
n-Nitroso-di-n-propylamine
Concen: 34.857 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 70 Resp: 116015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.5 | 47.4 | 71.2 |
| 101 | 9.3 | 7.3 | 10.9 |
| 130 | 22.3 | 16.2 | 24.2 |

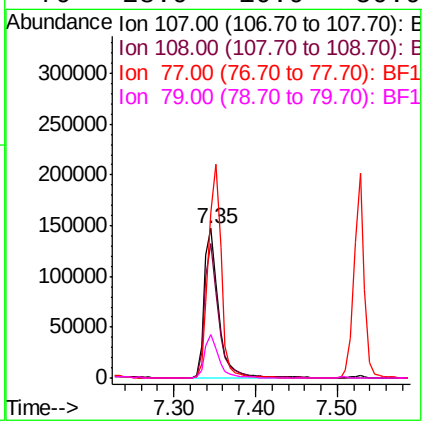


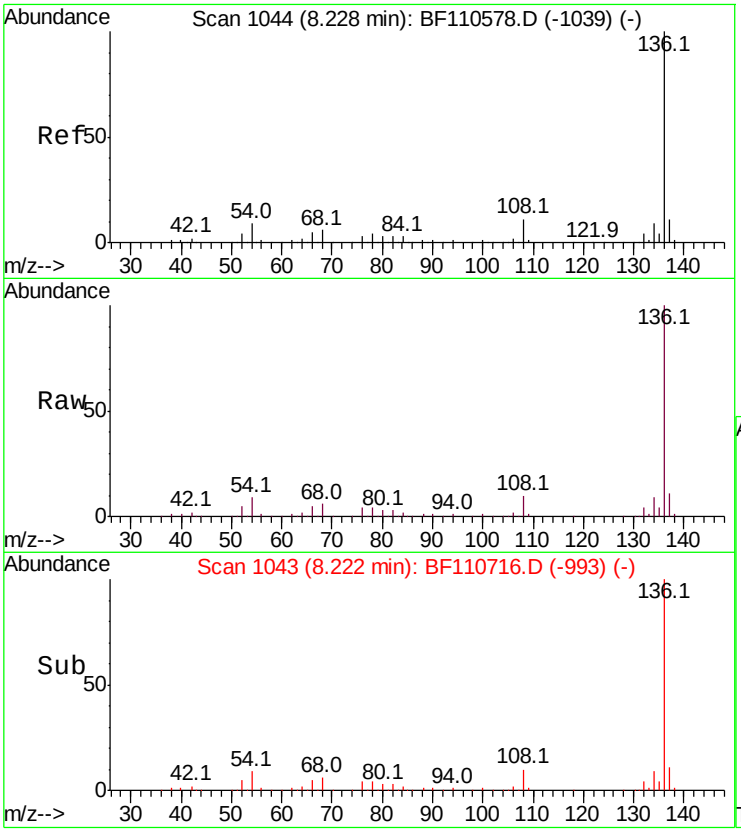




#20
3+4-Methylphenols
Concen: 36.797 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:107 Resp: 179694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.6 | 71.4 | 111.4 |
| 77 | 110.5 | 47.3 | 87.3# |
| 79 | 28.9 | 10.9 | 50.9 |



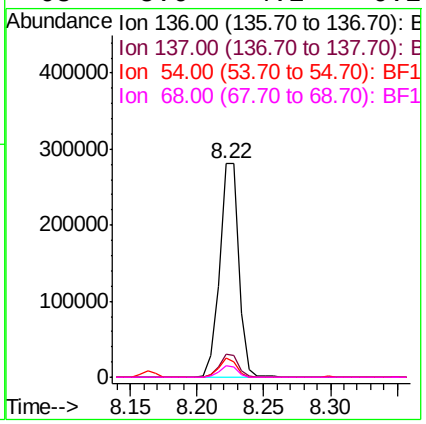


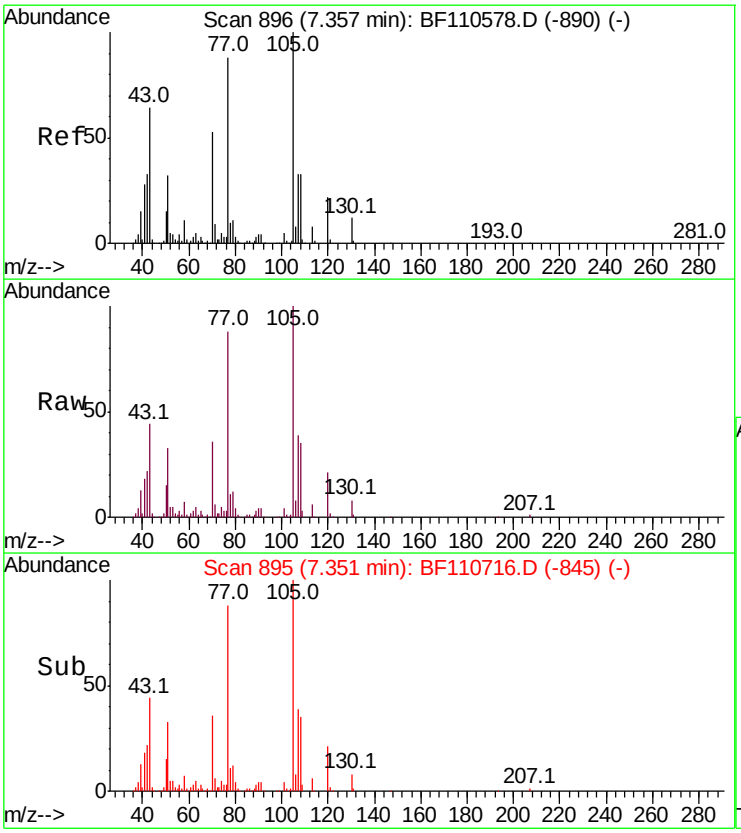

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:136 Resp: 286981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 8.8 | 5.4 | 8.2# |
| 68 | 5.6 | 4.2 | 6.2 |

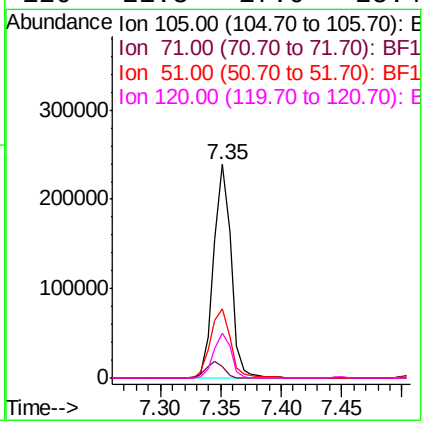


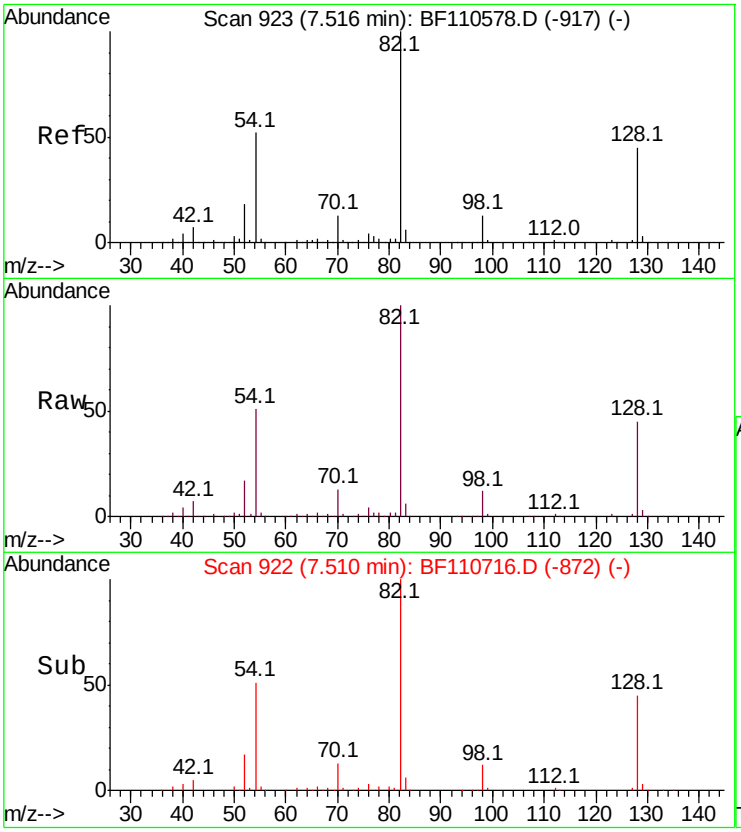




#22
Acetophenone
Concen: 35.042 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:105 Resp: 234370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.7 | 5.2 | 7.8 |
| 51 | 32.6 | 21.8 | 32.8 |
| 120 | 21.3 | 17.0 | 25.4 |



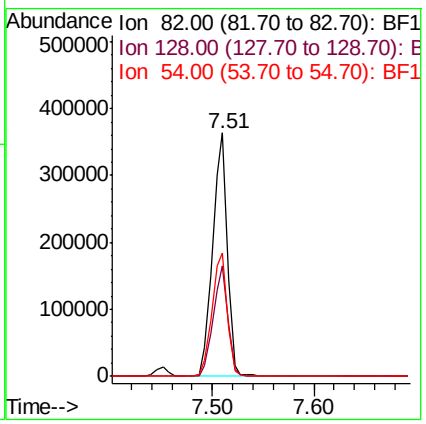


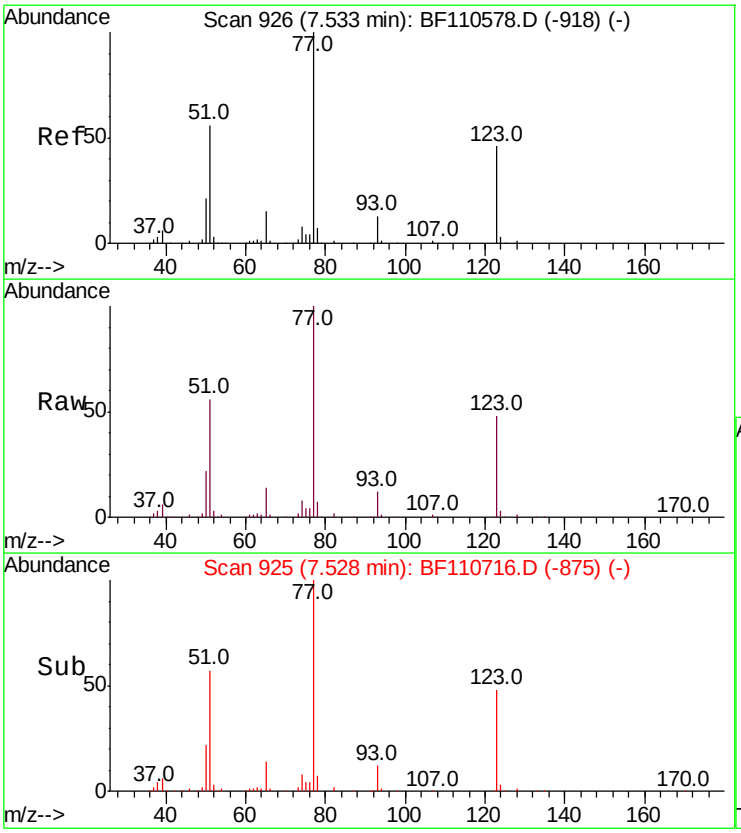

#23
Nitrobenzene-d5
Concen: 73.428 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 82 Resp: 365907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.2 | 34.2 | 51.2 |
| 54 | 50.9 | 38.6 | 58.0 |

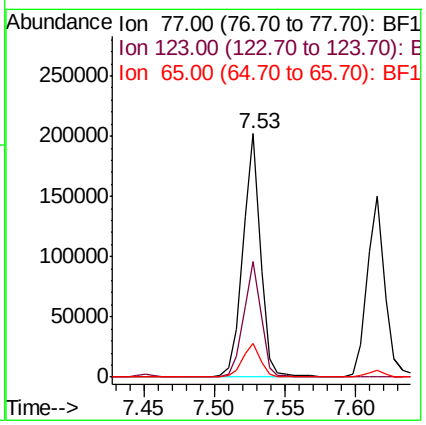


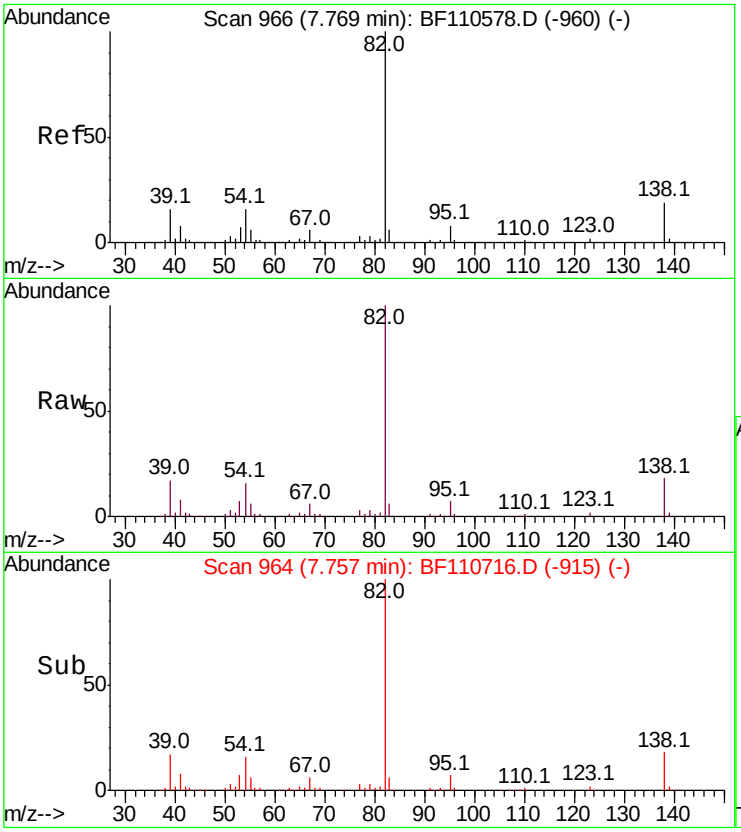




#24
Nitrobenzene
Concen: 34.610 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 77 Resp: 176708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.7 | 35.7 | 53.5 |
| 65 | 13.8 | 10.7 | 16.1 |



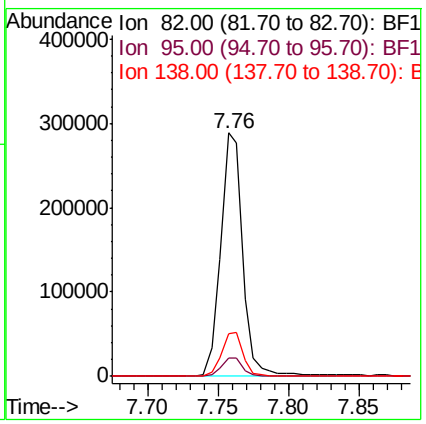


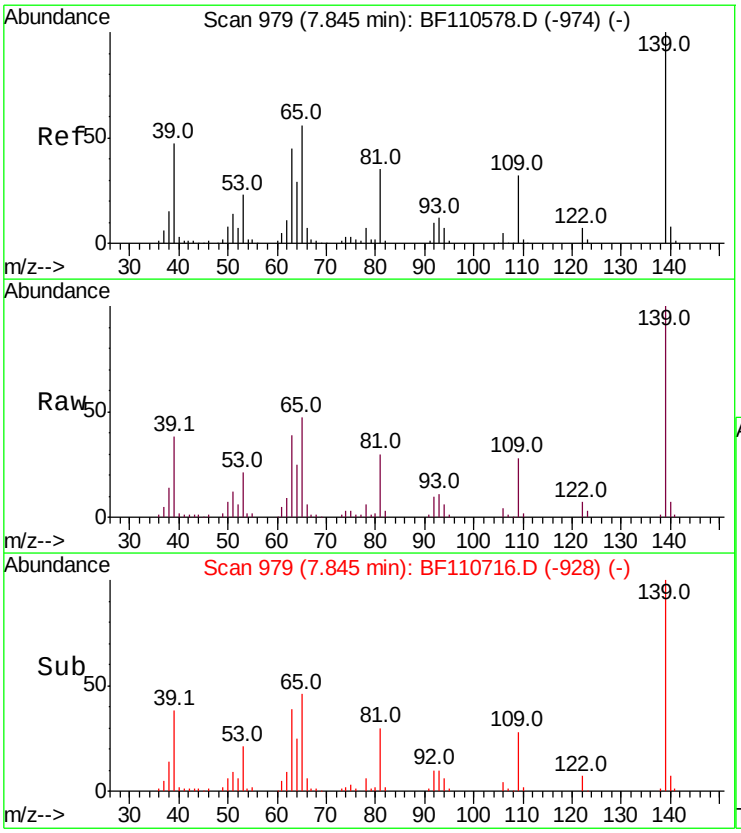

#25
Isophorone
Concen: 38.496 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 82 Resp: 314416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.7 | 8.5 |
| 138 | 17.8 | 13.2 | 19.8 |

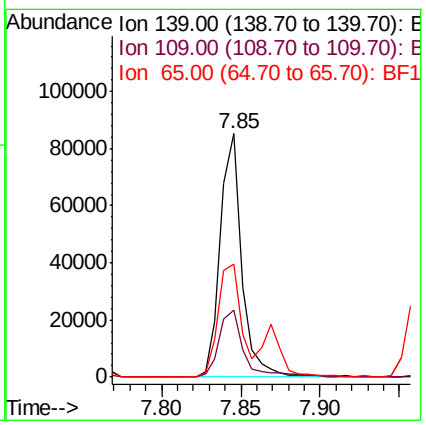


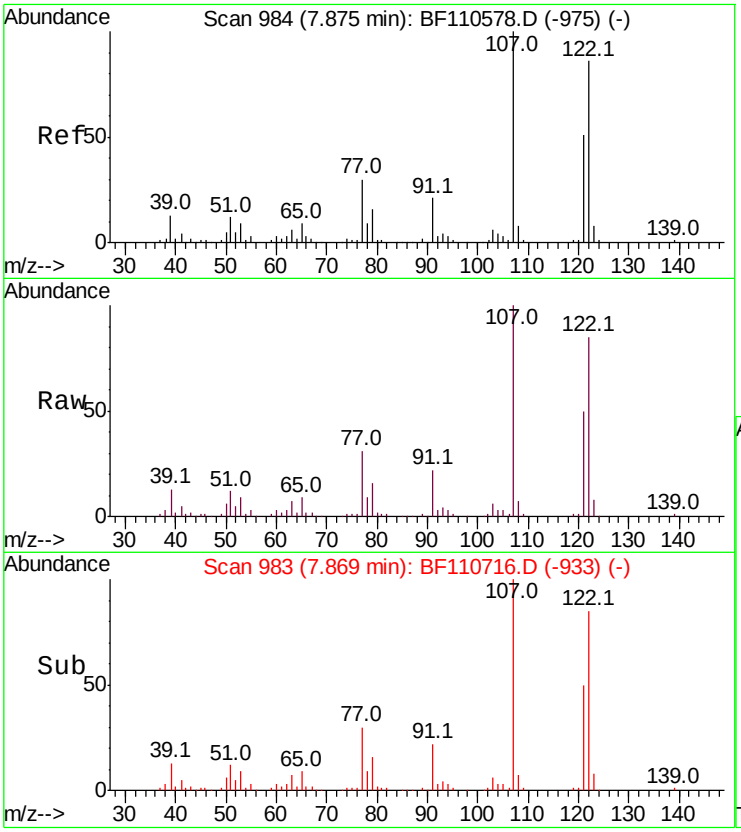




#26
2-Nitrophenol
Concen: 31.629 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:139 Resp: 80561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.6 | 25.0 | 37.6 |
| 65 | 46.5 | 44.0 | 66.0 |



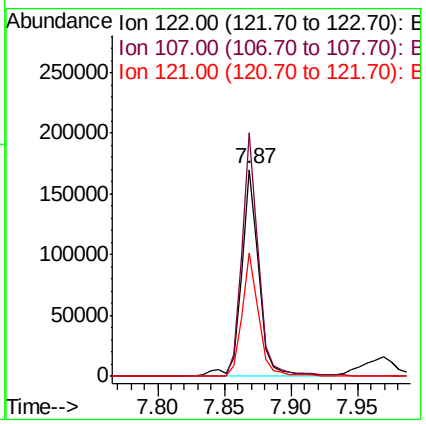


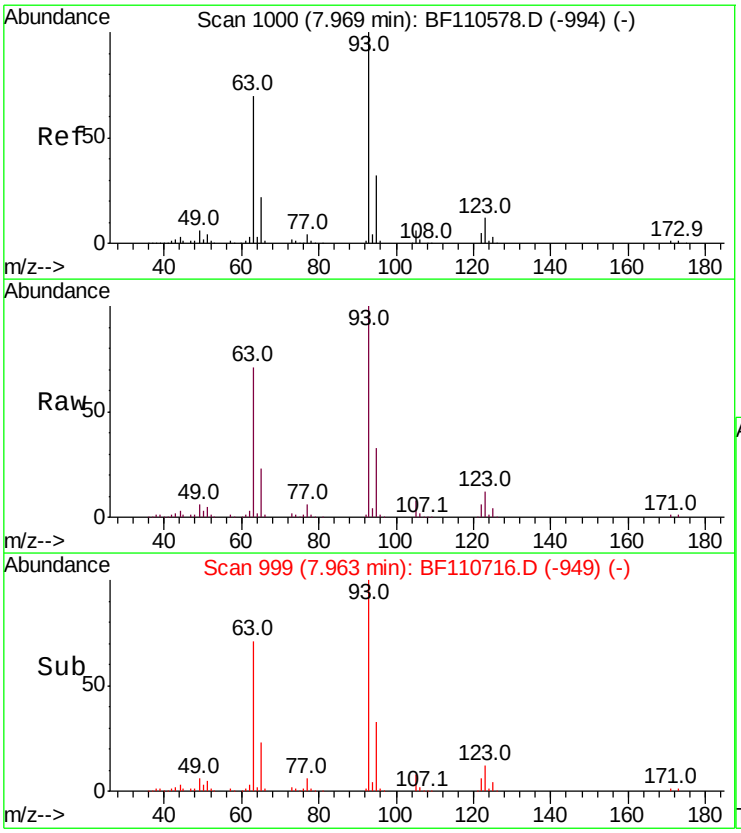

#27
2,4-Dimethylphenol
Concen: 39.818 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:122 Resp: 154455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.6 | 92.5 | 138.7 |
| 121 | 59.4 | 45.8 | 68.8 |

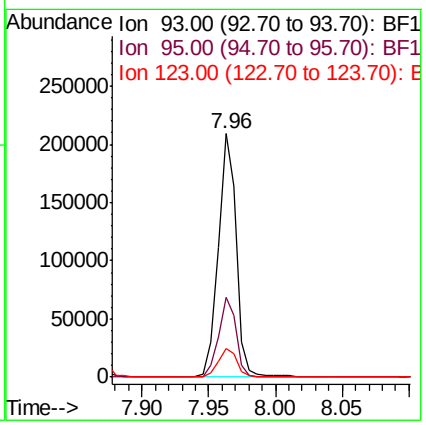


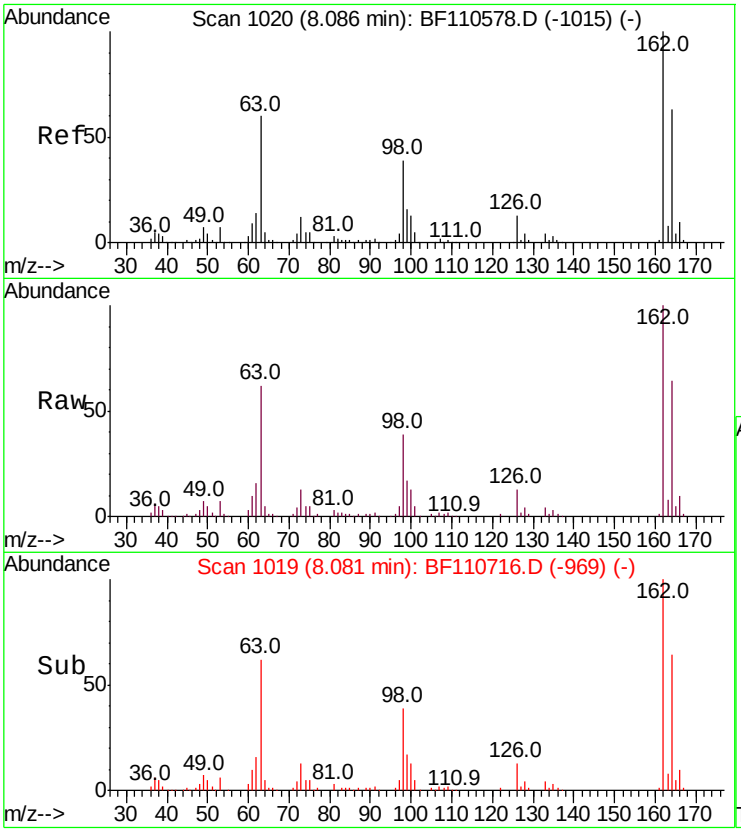




#28
bis(2-Chloroethoxy)methane
Concen: 35.987 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 93 Resp: 199007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 26.4 | 39.6 |
| 123 | 11.7 | 9.0 | 13.6 |



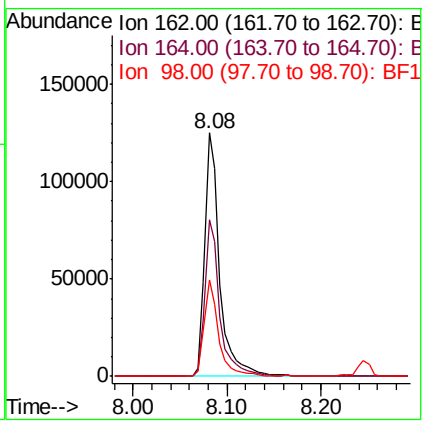


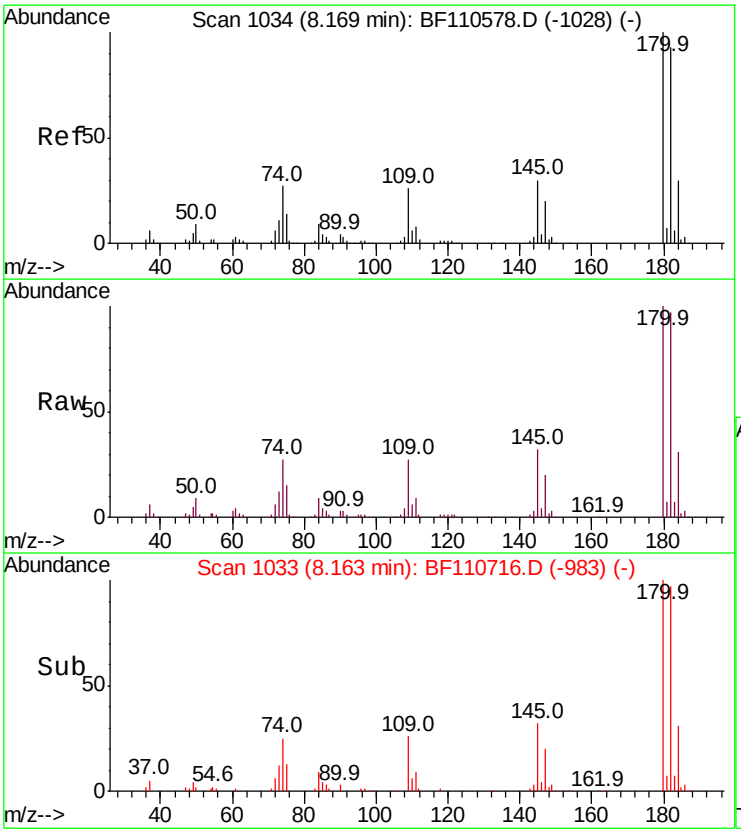

#29
2,4-Dichlorophenol
Concen: 35.228 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:162 Resp: 140611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.6 | 84.6 |
| 98 | 39.4 | 17.4 | 57.4 |

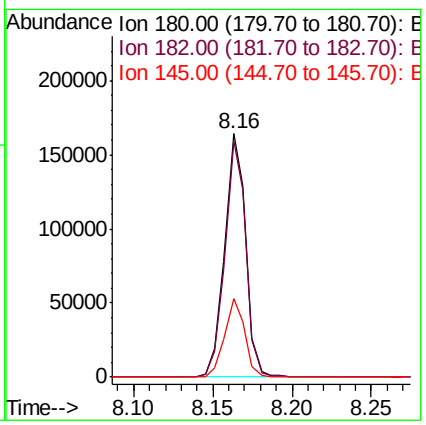


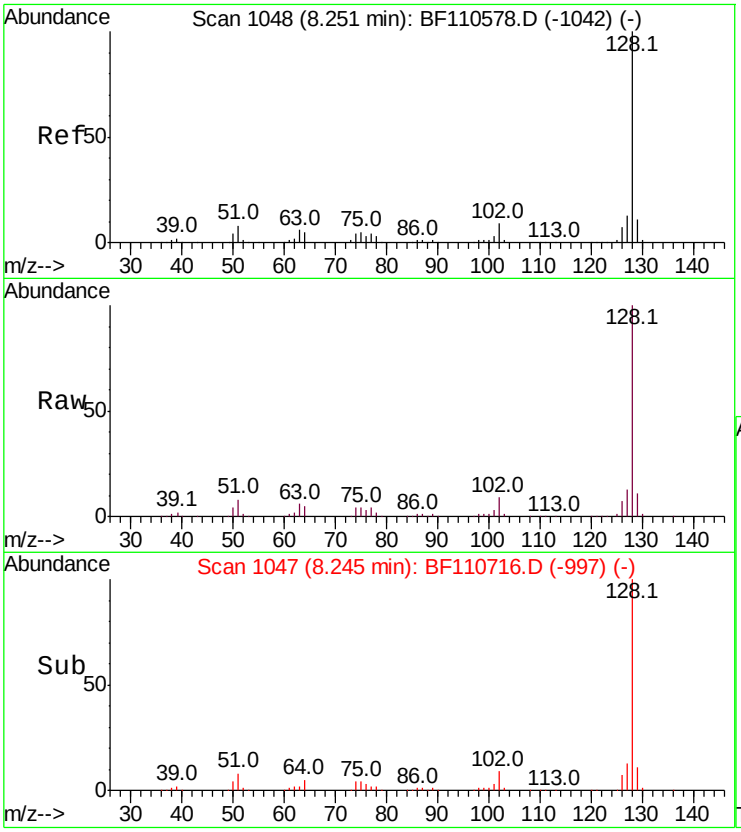




#30
1,2,4-Trichlorobenzene
Concen: 33.438 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:180 Resp: 150480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 80.3 | 120.5 |
| 145 | 32.2 | 25.4 | 38.0 |



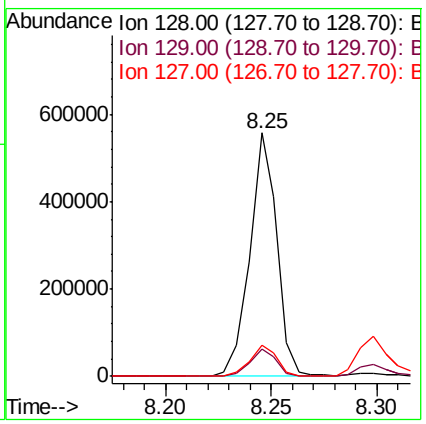


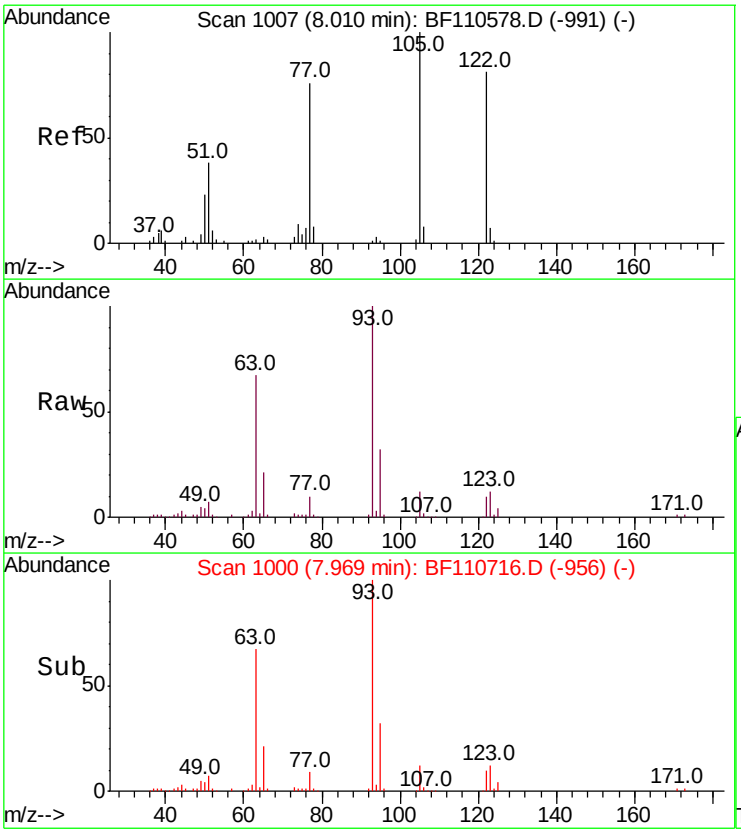

#31
Naphthalene
Concen: 36.834 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:128 Resp: 496233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.8 | 13.2 |
| 127 | 13.0 | 10.8 | 16.2 |

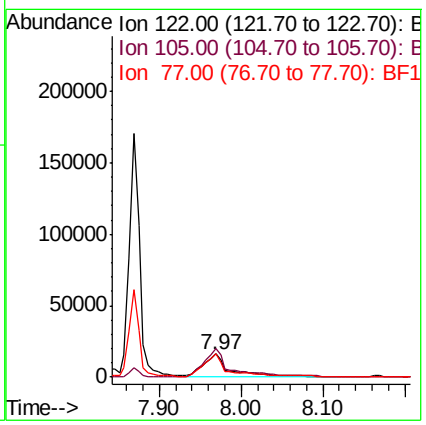


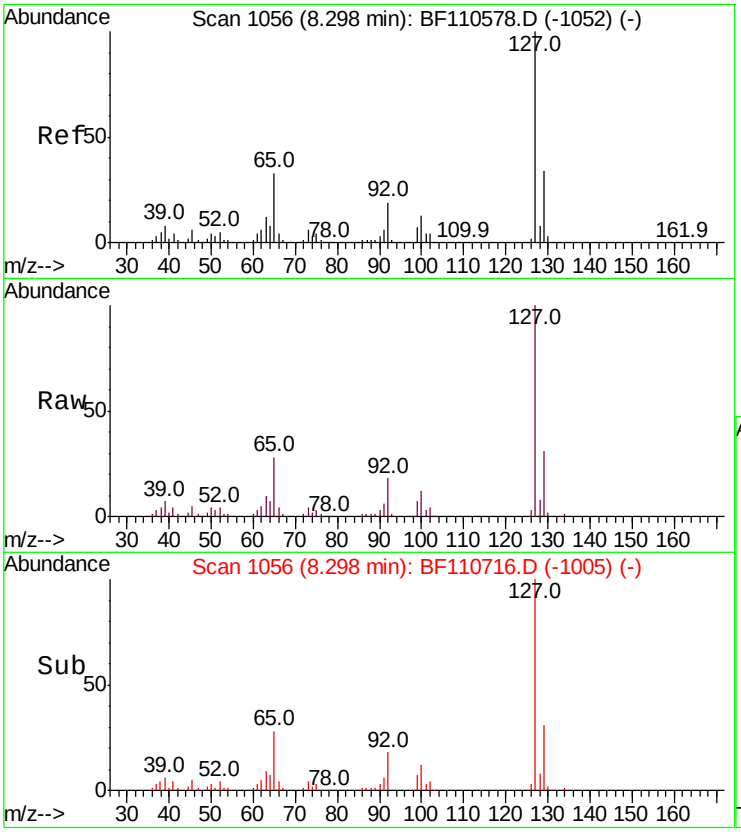




#32
Benzoic acid
Concen: 13.070 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:122 Resp: 35871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.4 | 109.0 | 149.0 |
| 77 | 98.4 | 79.0 | 119.0 |



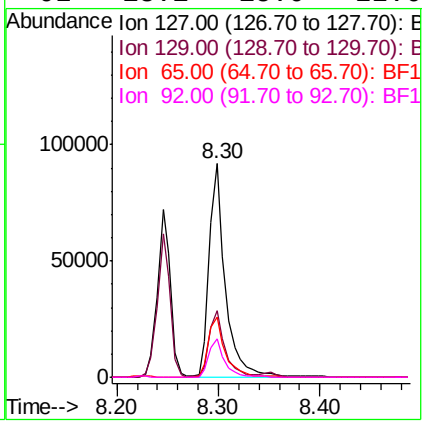


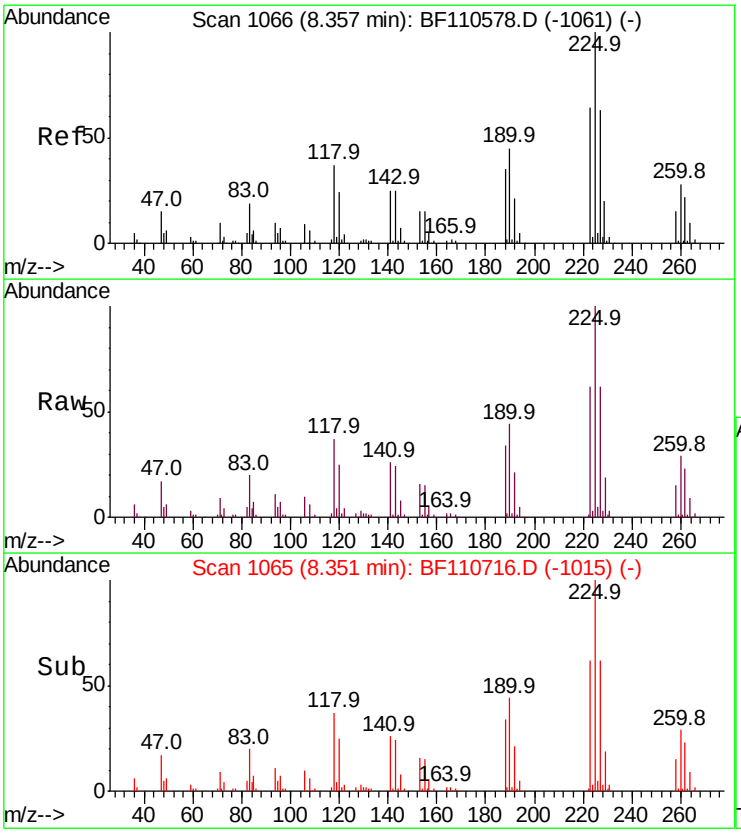

#33
4-Chloroaniline
Concen: 16.765 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:127 Resp: 102308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.2 | 26.0 | 39.0 |
| 65 | 28.0 | 25.1 | 37.7 |
| 92 | 18.1 | 15.0 | 22.6 |

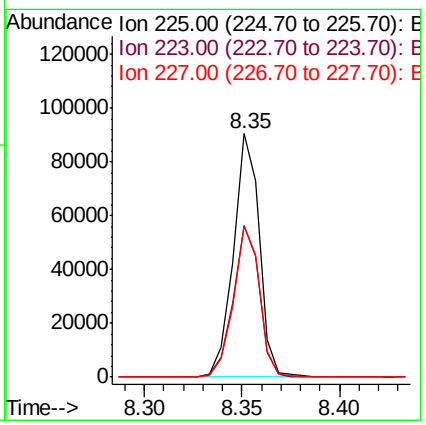


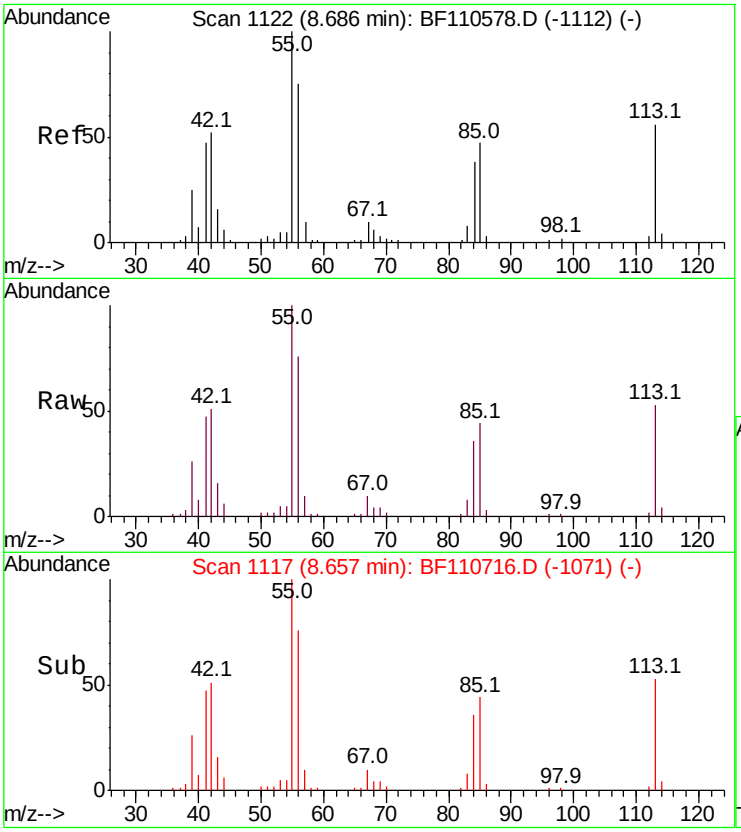




#34
Hexachlorobutadiene
Concen: 32.296 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:225 Resp: 83014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 51.4 | 77.2 |
| 227 | 62.0 | 51.0 | 76.6 |



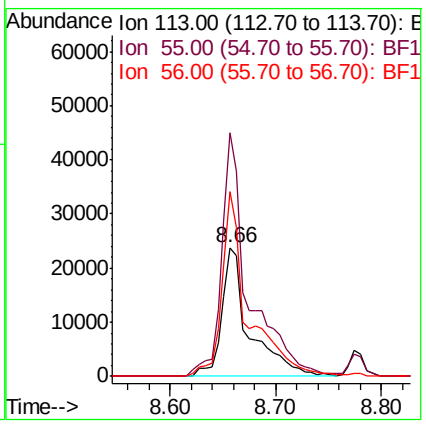


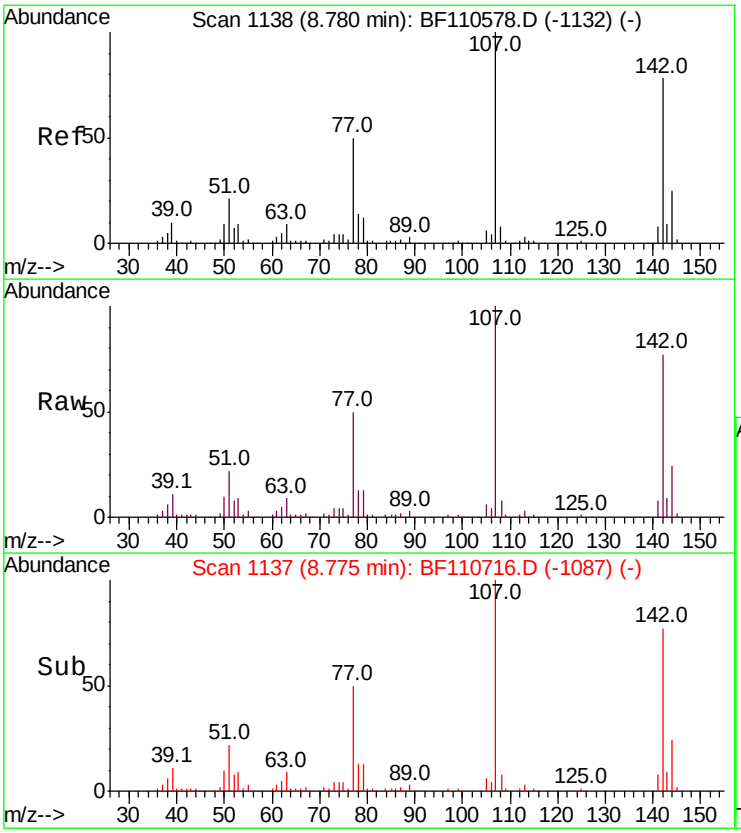

#35
Caprolactam
Concen: 32.404 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:113 Resp: 43212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 189.0 | 142.8 | 182.8# |
| 56 | 143.2 | 105.0 | 145.0 |

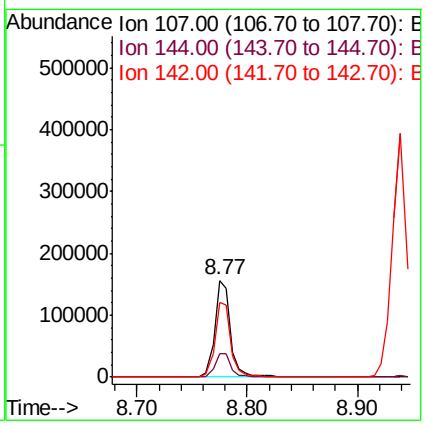


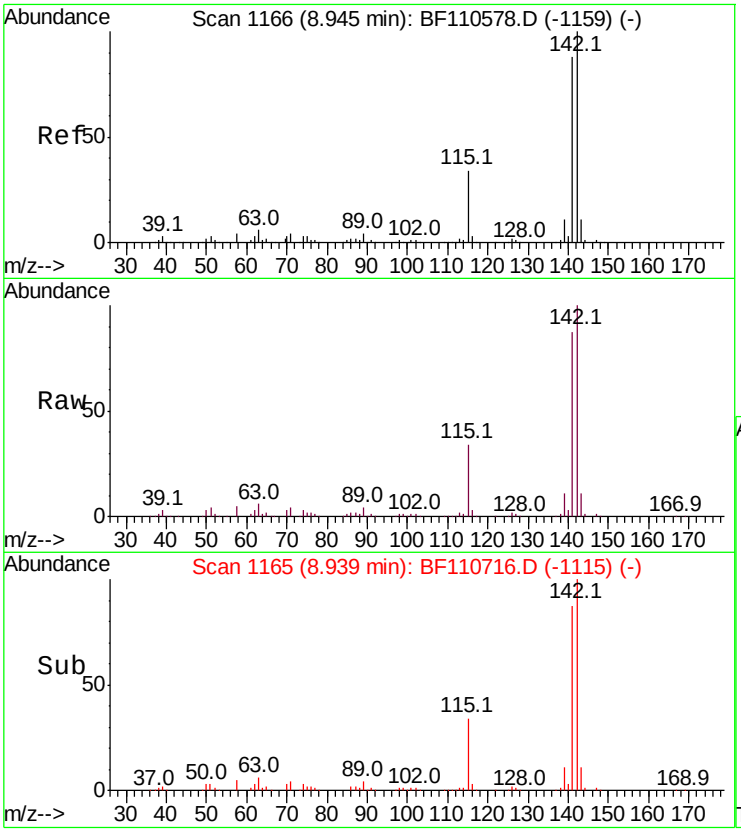




#36
4-Chloro-3-methylphenol
Concen: 35.444 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:107 Resp: 152575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.0 | 20.0 | 30.0 |
| 142 | 76.7 | 59.7 | 89.5 |

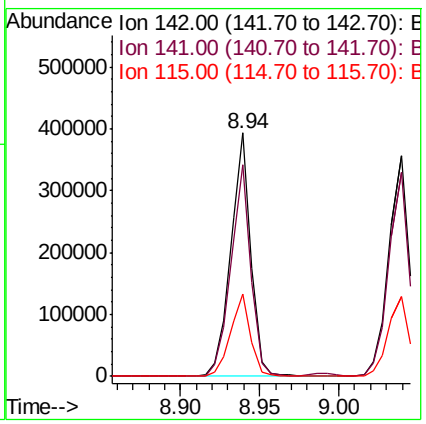




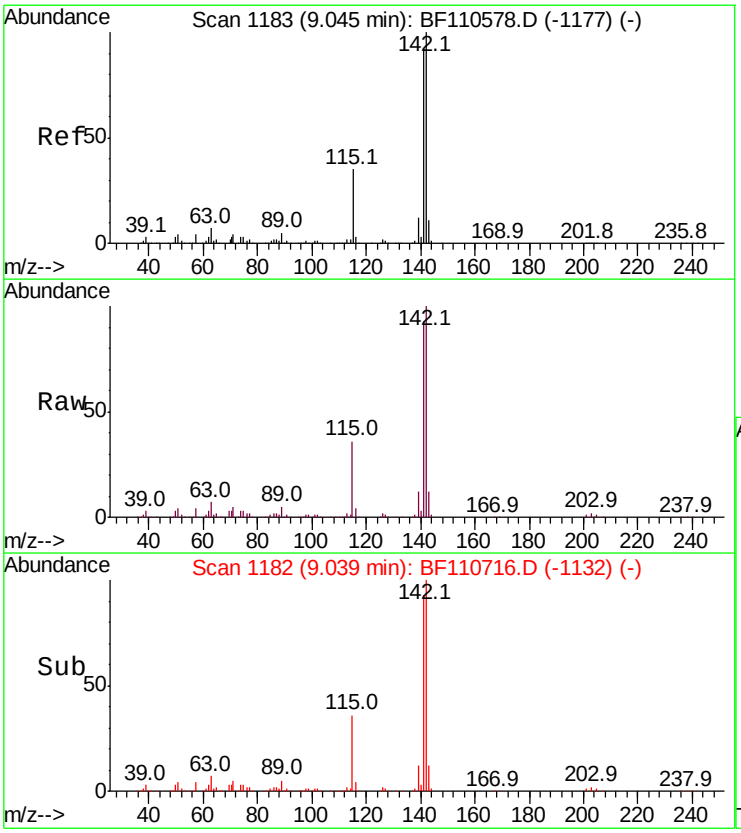

#37
2-Methylnaphthalene
Concen: 38.958 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:142 Resp: 344068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 71.4 | 107.2 |
| 115 | 33.6 | 28.7 | 43.1 |



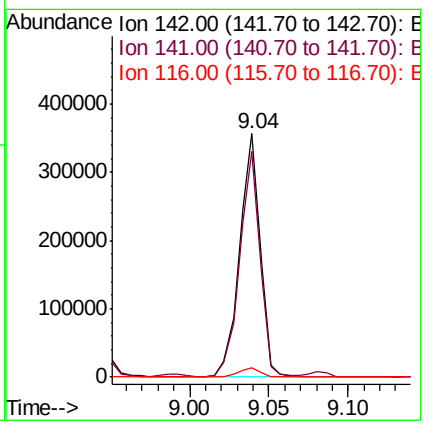

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

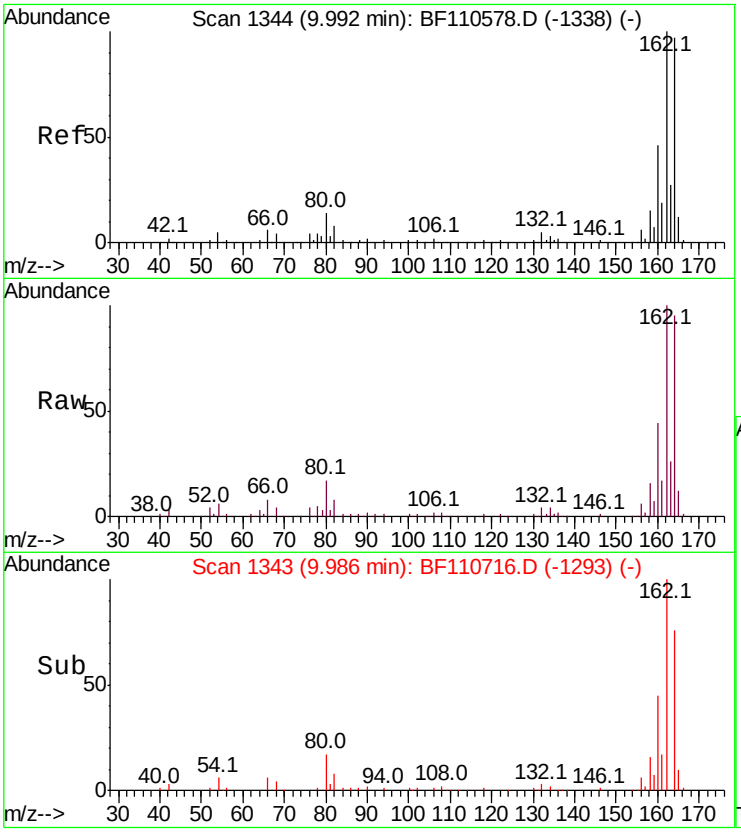



#38
1-Methylnaphthalene
Concen: 37.376 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:142 Resp: 317452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 74.2 | 111.4 |
| 116 | 3.9 | 2.6 | 4.0 |



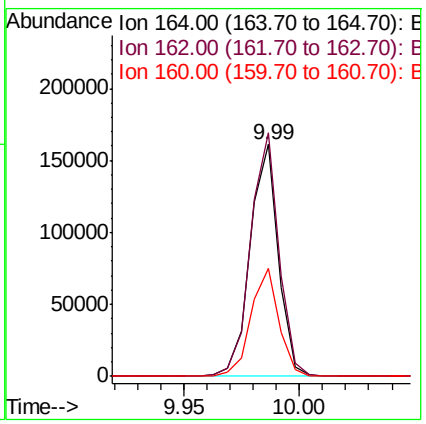


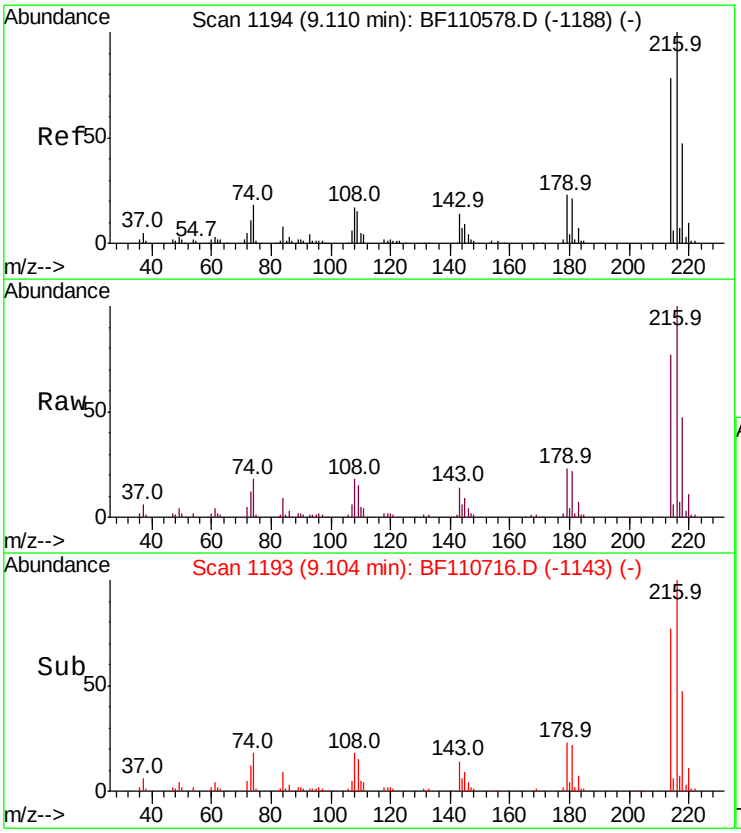

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:164 Resp: 137354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.0 | 83.0 | 124.6 |
| 160 | 46.5 | 37.0 | 55.6 |

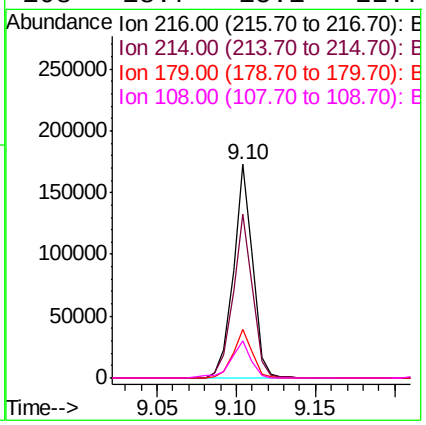


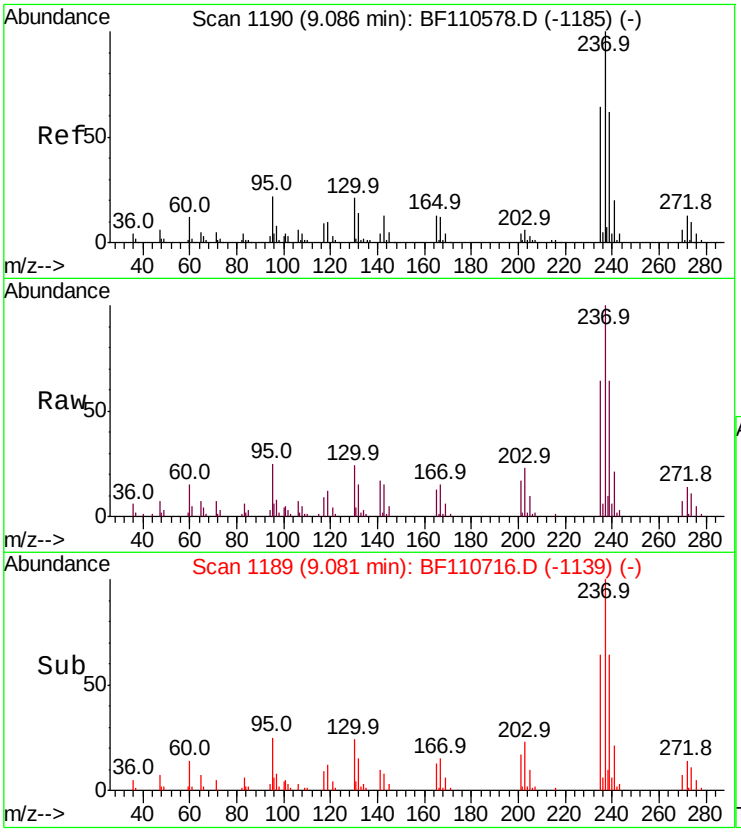




#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.566 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:216 Resp: 145940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.7 | 63.8 | 95.6 |
| 179 | 22.6 | 16.6 | 25.0 |
| 108 | 18.7 | 15.1 | 22.7 |



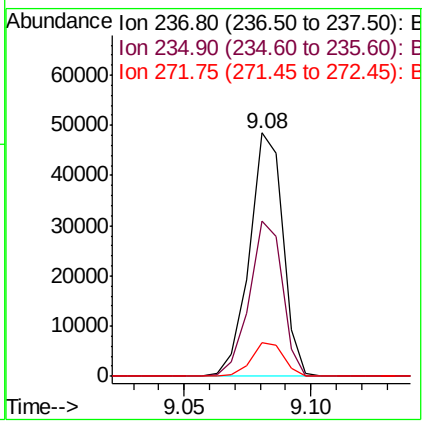


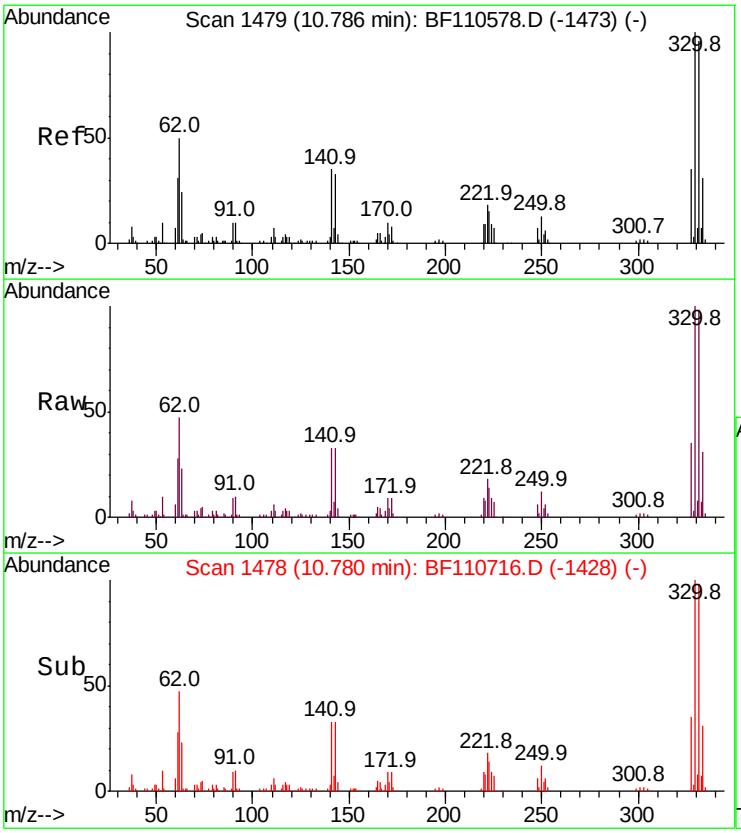

#41
Hexachlorocyclopentadiene
Concen: 31.511 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:237 Resp: 44750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 43.1 | 83.1 |
| 272 | 13.8 | 0.0 | 32.6 |

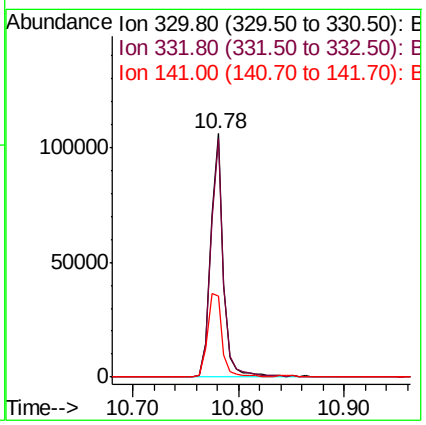


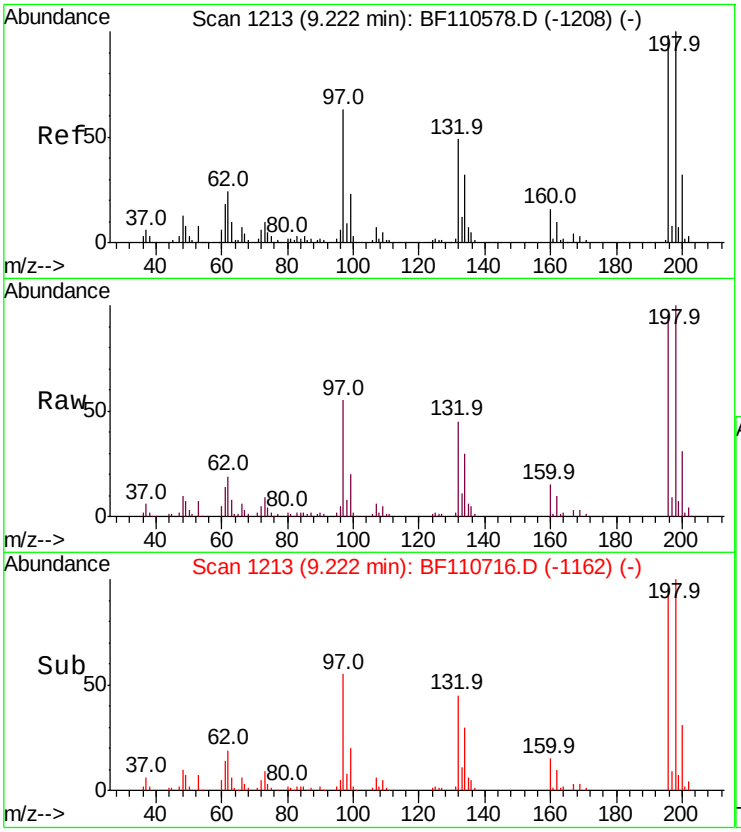




#42
2,4,6-Tribromophenol
Concen: 65.504 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:330 Resp: 90659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 77.1 | 115.7 |
| 141 | 39.2 | 27.0 | 40.4 |



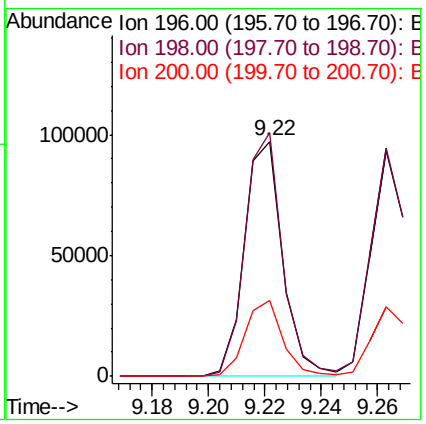


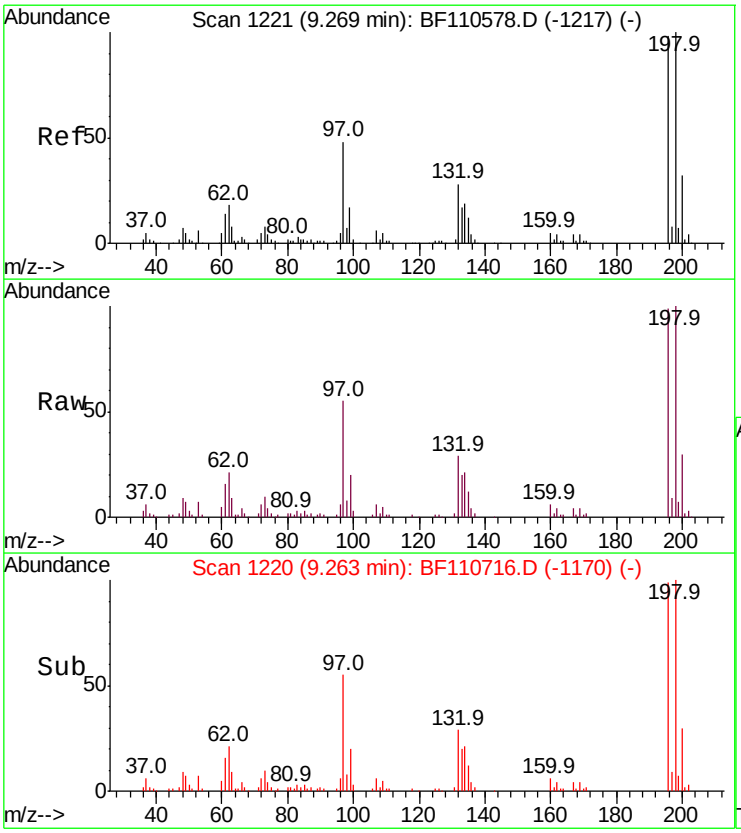

#43
2,4,6-Trichlorophenol
Concen: 33.570 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:196 Resp: 91719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.7 | 76.2 | 114.4 |
| 200 | 32.2 | 24.4 | 36.6 |

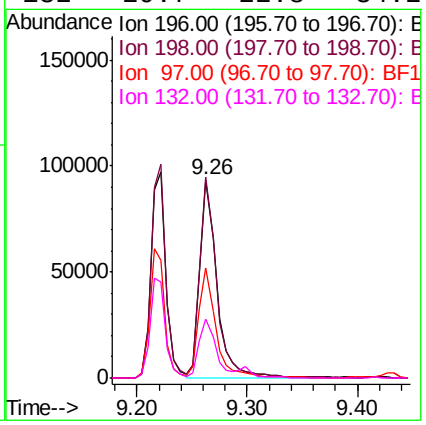


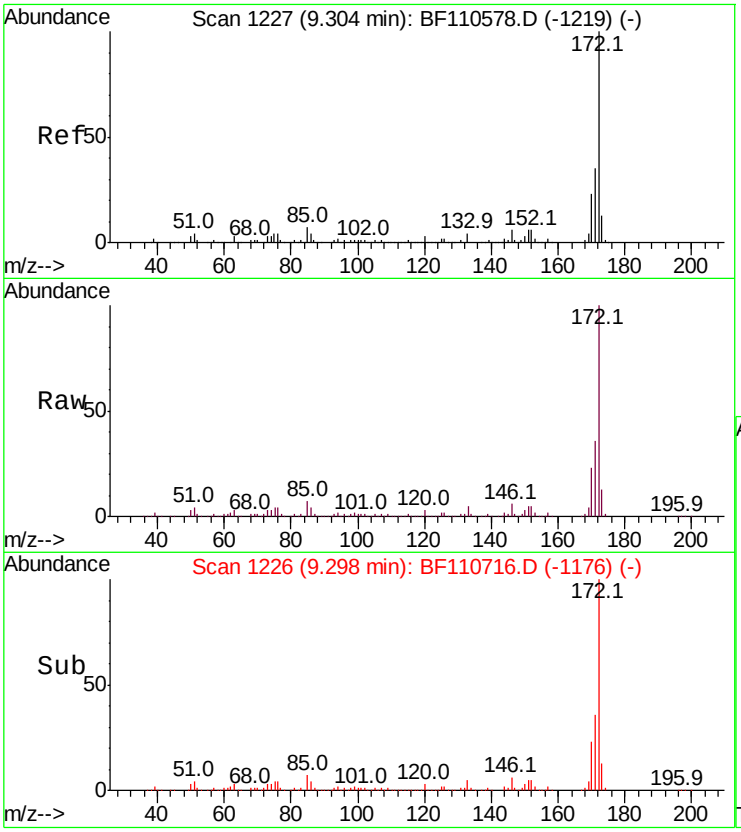




#44
2,4,5-Trichlorophenol
Concen: 34.135 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:196 Resp: 99483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.4 | 75.8 | 113.6 |
| 97 | 56.0 | 42.4 | 63.6 |
| 132 | 29.7 | 22.8 | 34.2 |



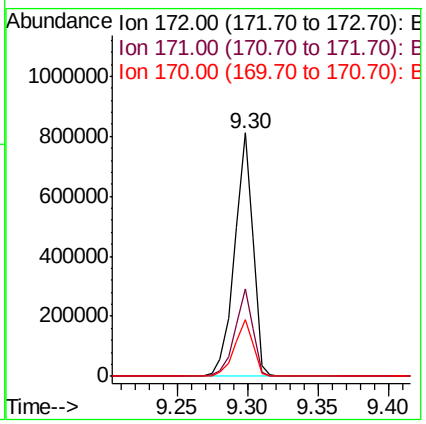


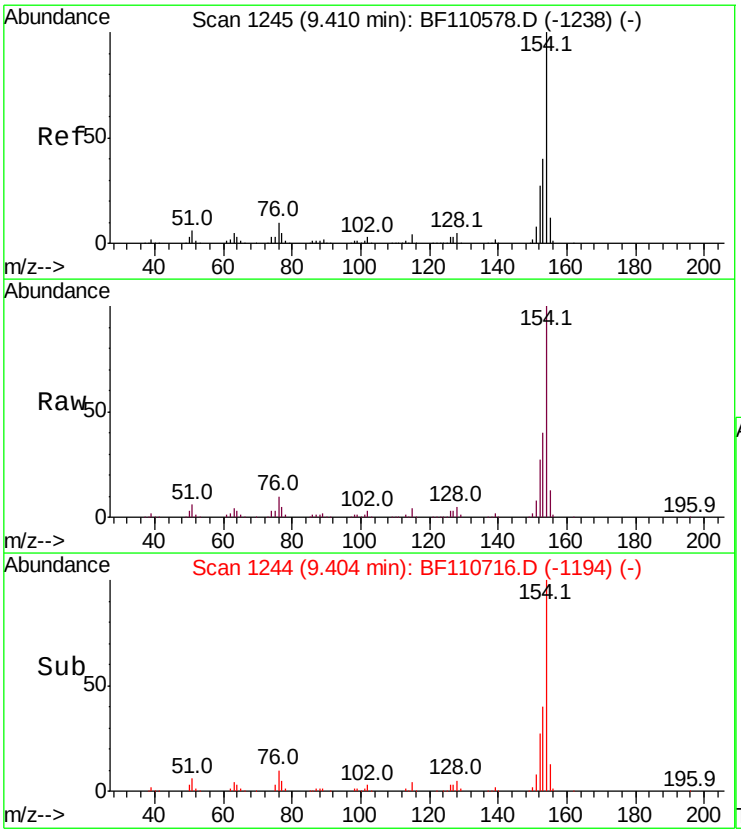

#45
2-Fluorobiphenyl
Concen: 76.329 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:172 Resp: 734090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.6 | 43.0 |
| 170 | 23.1 | 19.7 | 29.5 |

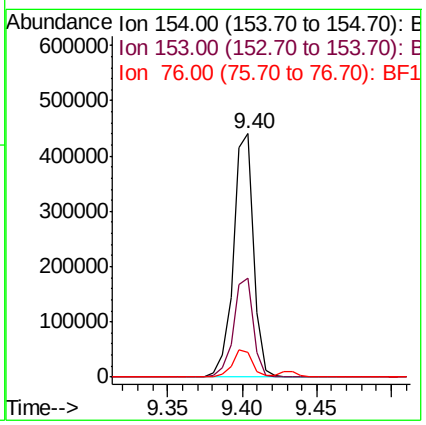


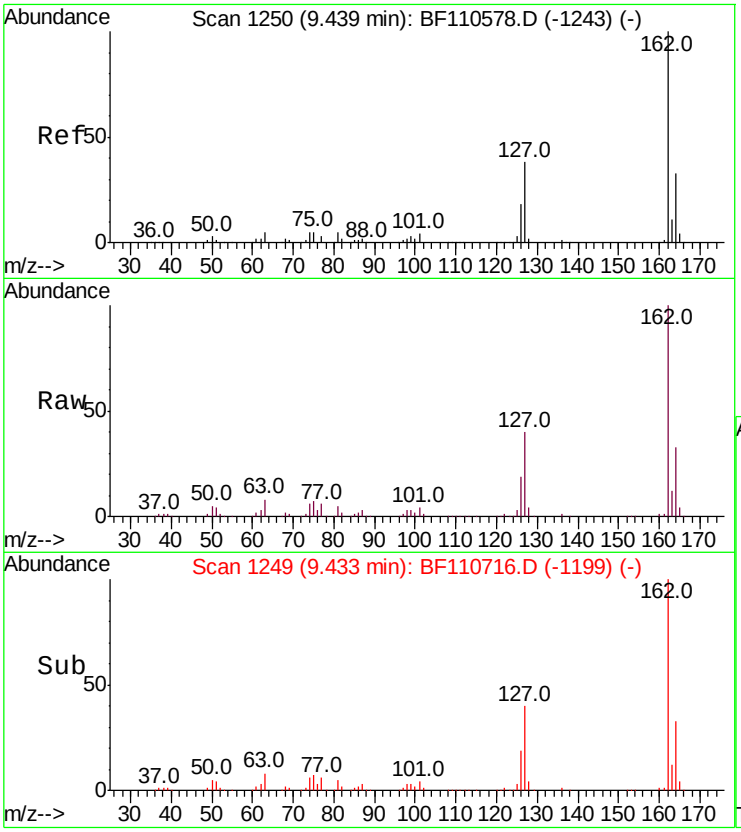




#46
1,1'-Biphenyl
Concen: 32.620 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:154 Resp: 417965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.4 | 60.4 |
| 76 | 10.2 | 0.0 | 31.9 |



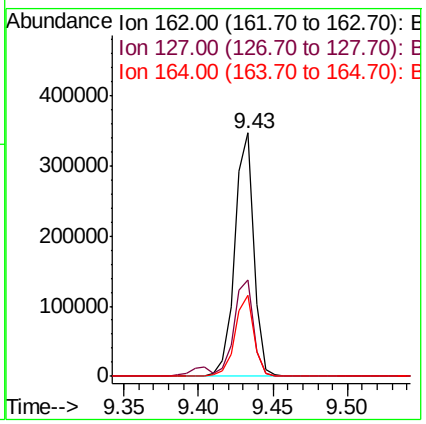


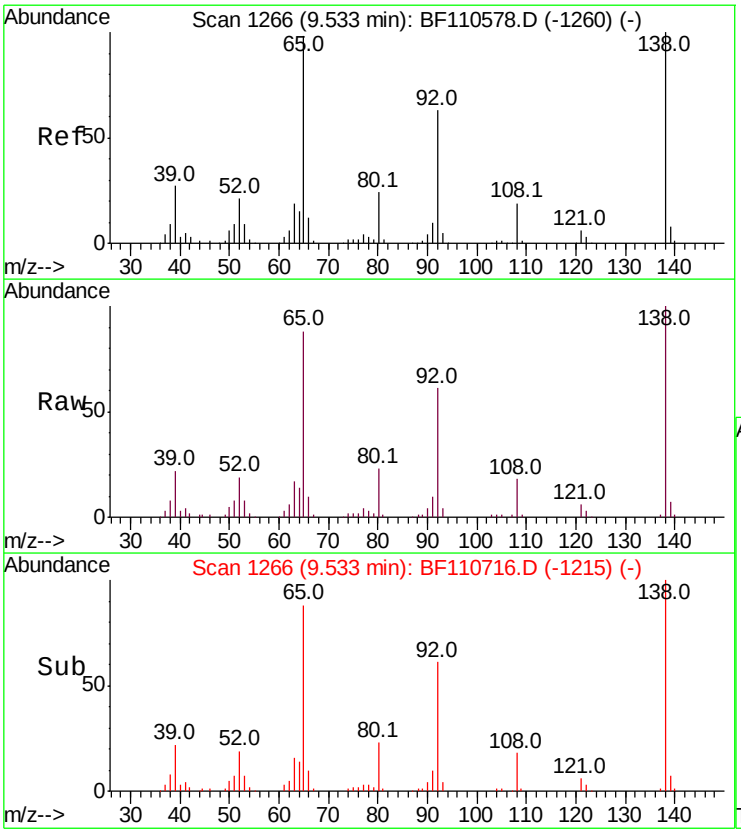

#47
2-Chloronaphthalene
Concen: 33.885 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:162 Resp: 312791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.7 | 32.6 | 48.8 |
| 164 | 33.1 | 25.9 | 38.9 |

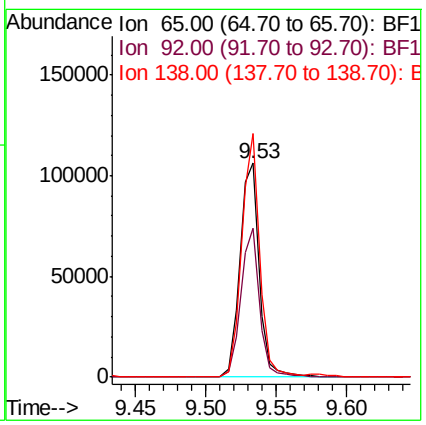


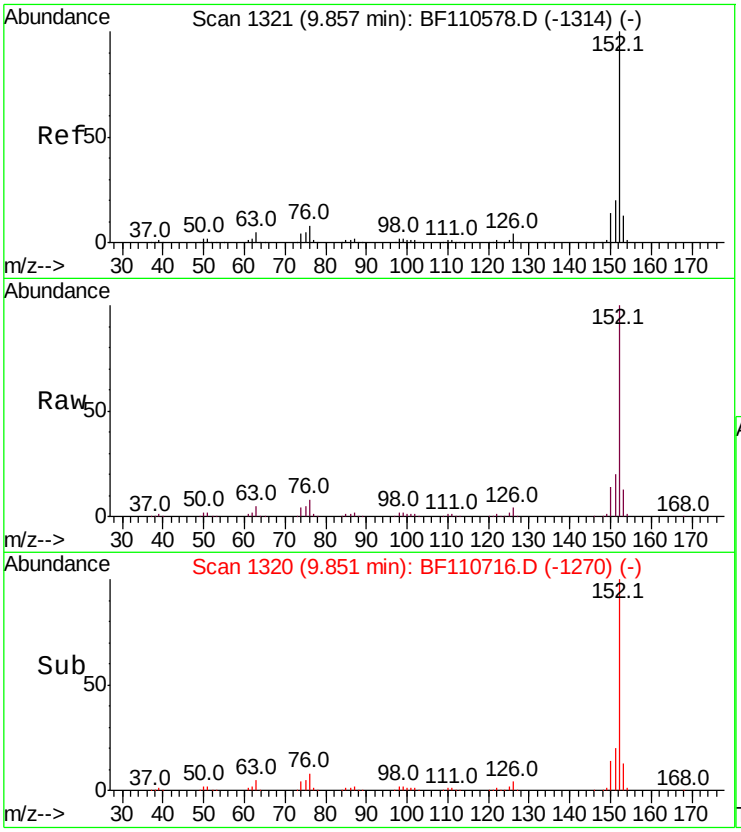




#48
2-Nitroaniline
Concen: 35.518 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 65 Resp: 101037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.4 | 54.6 | 81.8 |
| 138 | 113.8 | 80.3 | 120.5 |



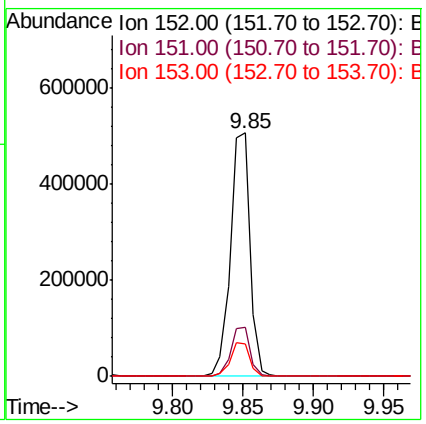


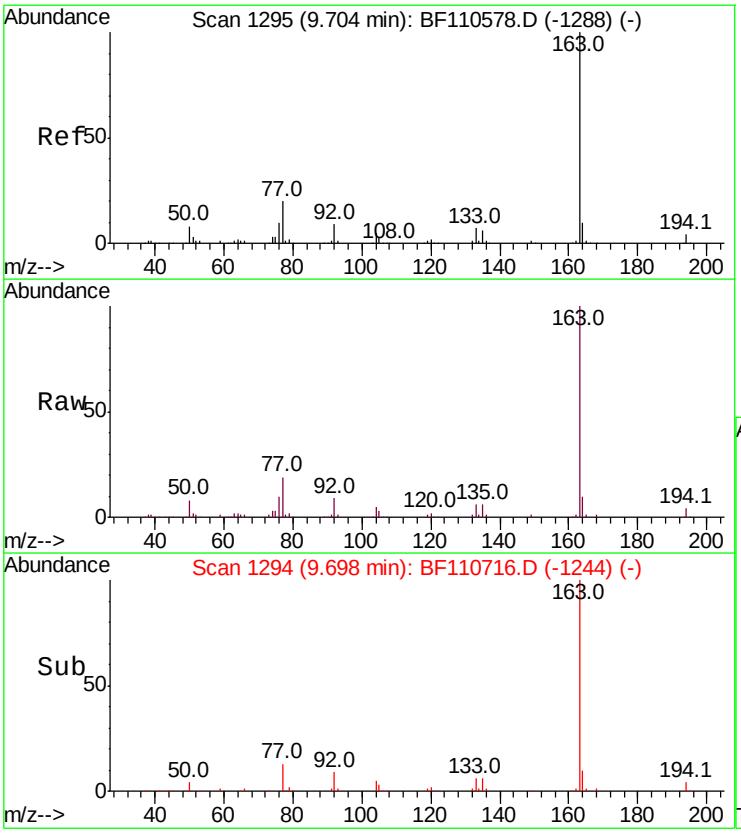

#49
Acenaphthylene
Concen: 36.812 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:152 Resp: 489373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 15.8 | 23.8 |
| 153 | 13.4 | 10.4 | 15.6 |

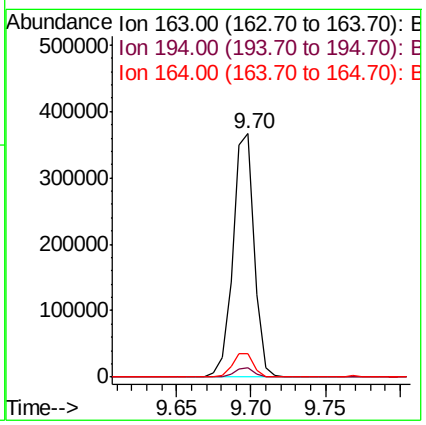


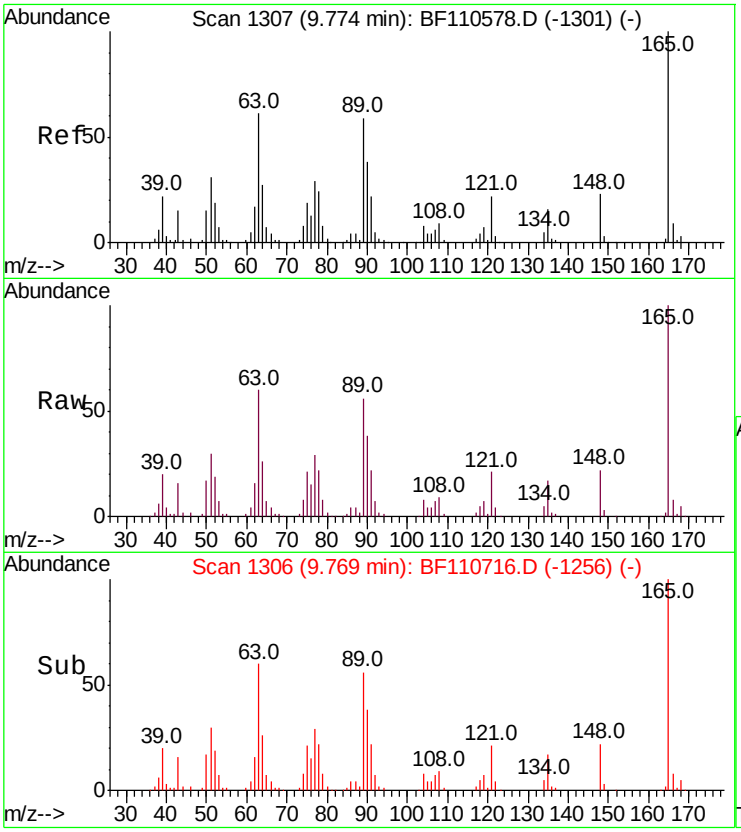




#50
Dimethylphthalate
Concen: 35.766 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:163 Resp: 366567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.2 | 4.8 |
| 164 | 9.7 | 8.1 | 12.1 |



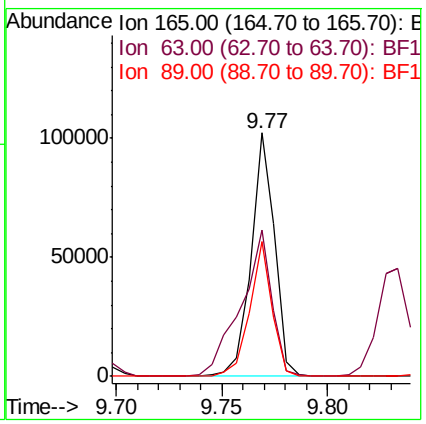


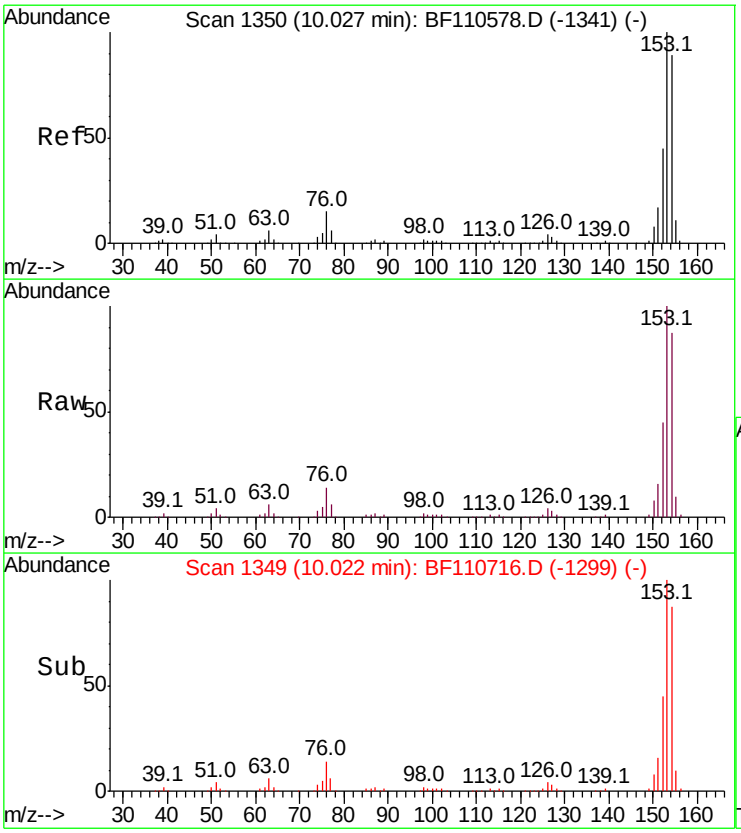

#51
2,6-Dinitrotoluene
Concen: 35.092 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:165 Resp: 79117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.0 | 48.9 | 73.3 |
| 89 | 55.5 | 46.6 | 69.8 |

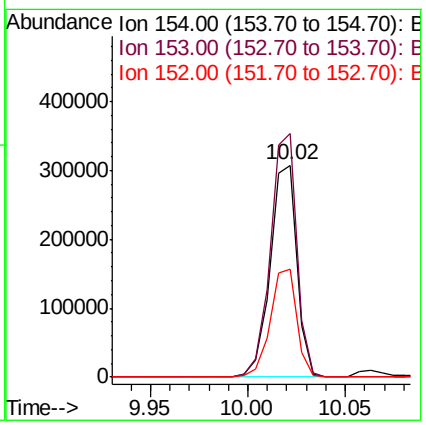


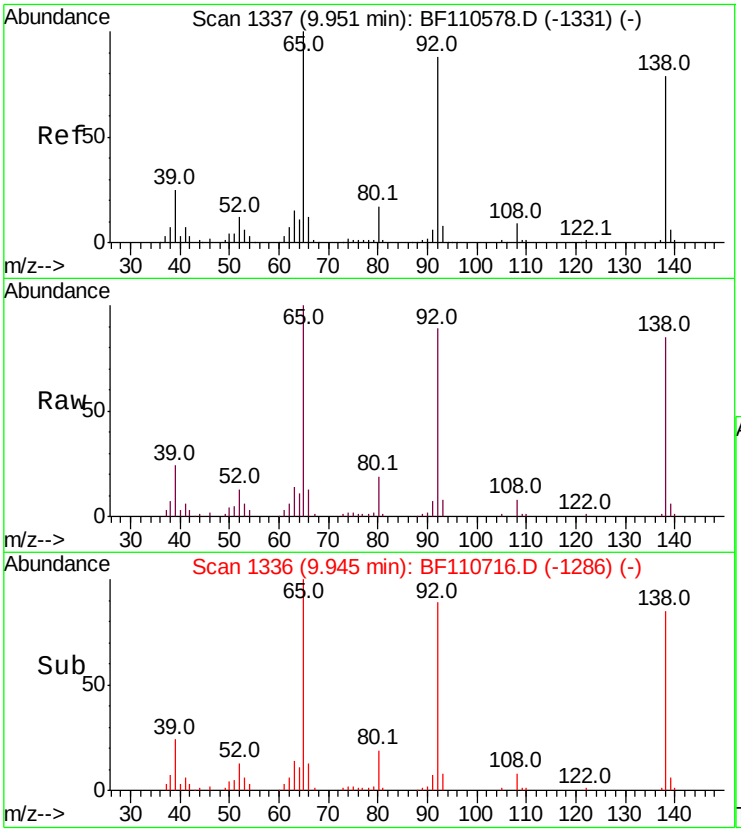




#52
Acenaphthene
Concen: 34.808 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:154 Resp: 292436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.8 | 90.1 | 135.1 |
| 152 | 51.2 | 43.4 | 65.2 |



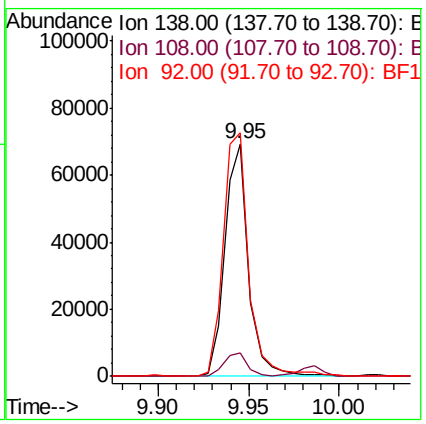


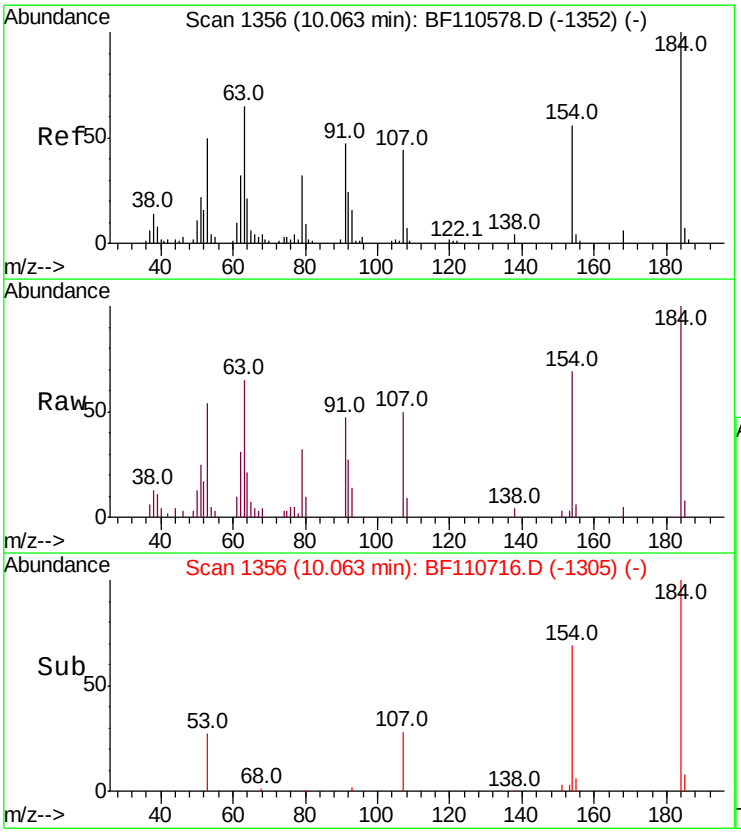

#53
3-Nitroaniline
Concen: 24.044 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:138 Resp: 62803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 8.7 | 13.1 |
| 92 | 104.9 | 97.0 | 145.4 |

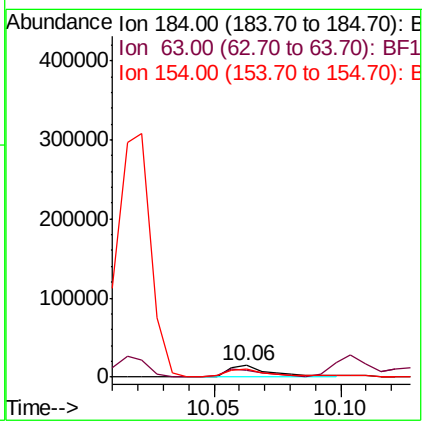


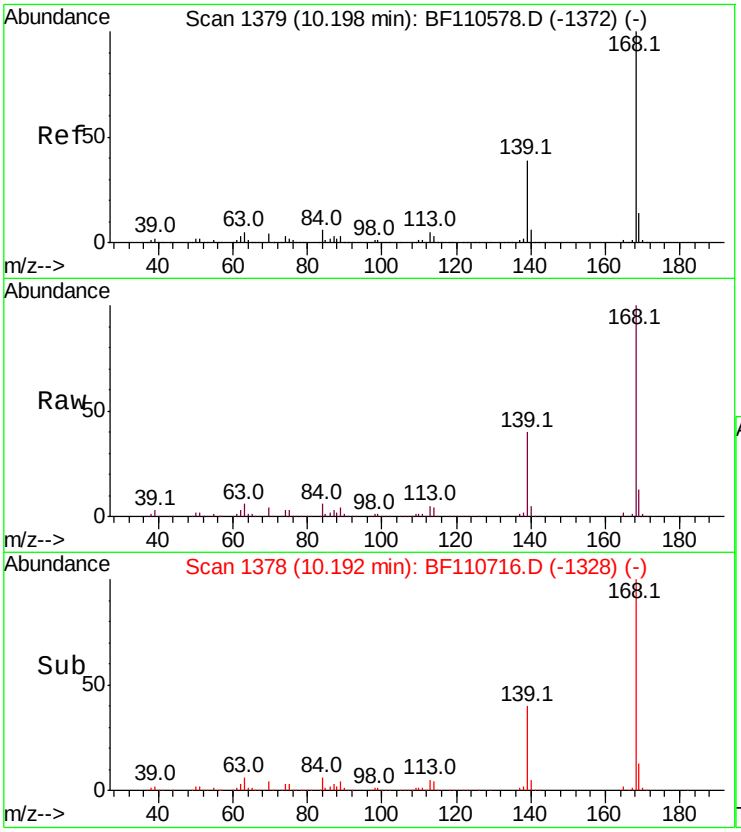




#54
2,4-Dinitrophenol
Concen: 23.022 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:184 Resp: 17481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.8 | 55.8 | 83.6 |
| 154 | 69.4 | 63.2 | 94.8 |



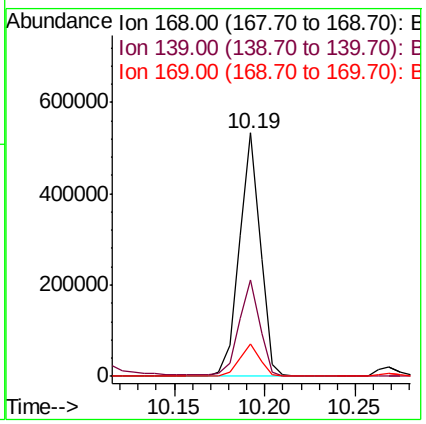


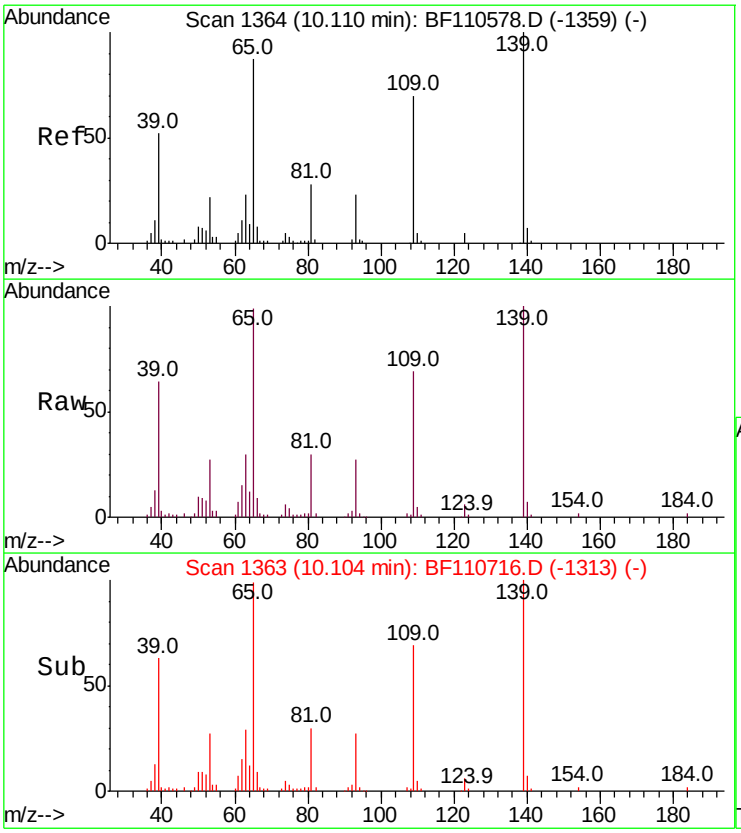

#55
Dibenzofuran
Concen: 34.761 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:168 Resp: 427275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.5 | 33.0 | 49.6 |
| 169 | 13.4 | 11.3 | 16.9 |

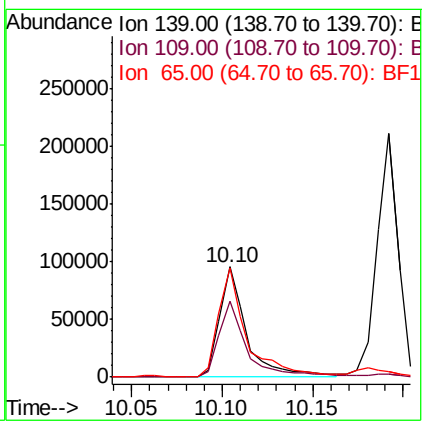


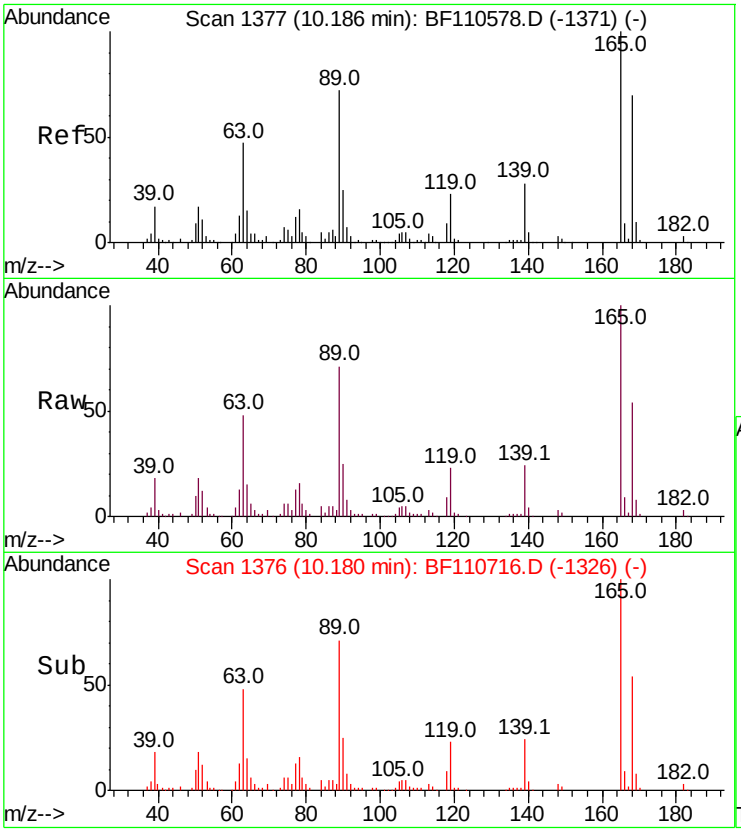




#56
4-Nitrophenol
Concen: 57.369 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:139 Resp: 99414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 69.0 | 55.8 | 95.8 |
| 65 | 99.4 | 77.9 | 117.9 |



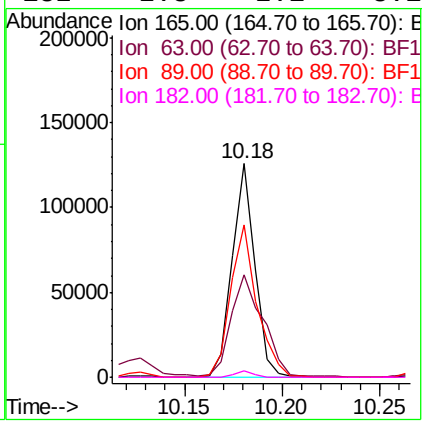


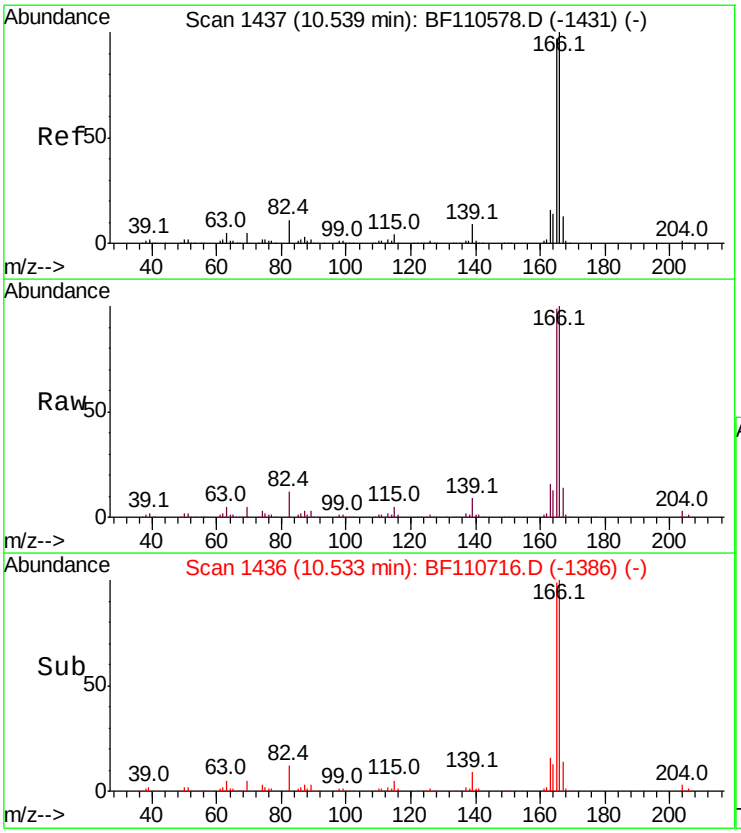

#57
2,4-Dinitrotoluene
Concen: 34.779 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:165 Resp: 101953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.9 | 44.8 | 67.2 |
| 89 | 71.3 | 62.2 | 93.4 |
| 182 | 2.8 | 2.1 | 3.1 |

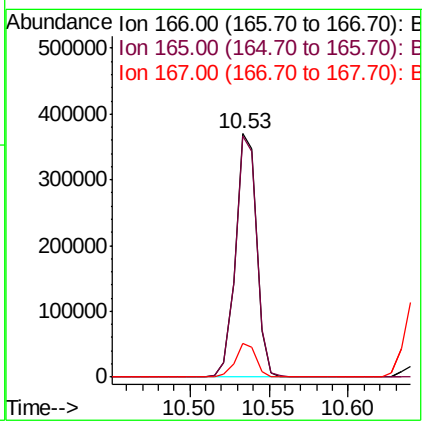


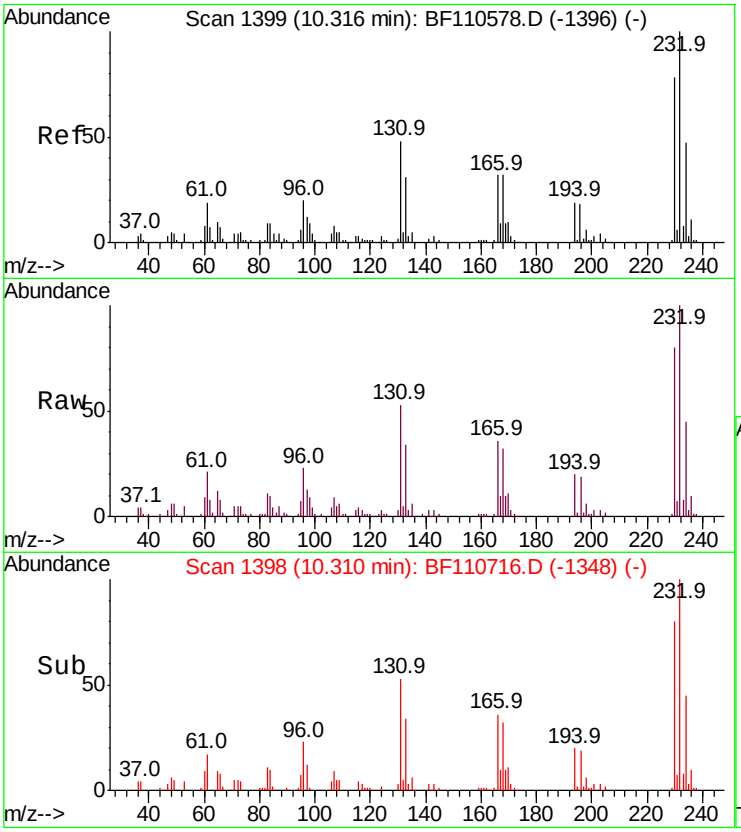




#58
Fluorene
Concen: 36.182 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:166 Resp: 341605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.3 | 78.6 | 117.8 |
| 167 | 13.9 | 10.8 | 16.2 |



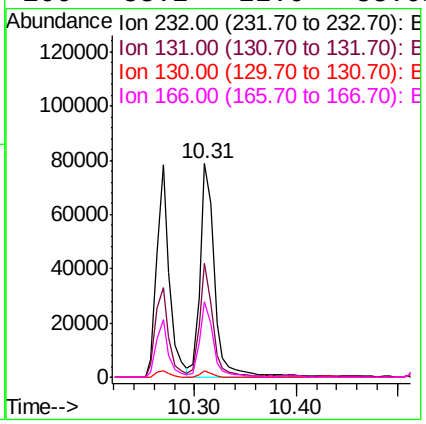


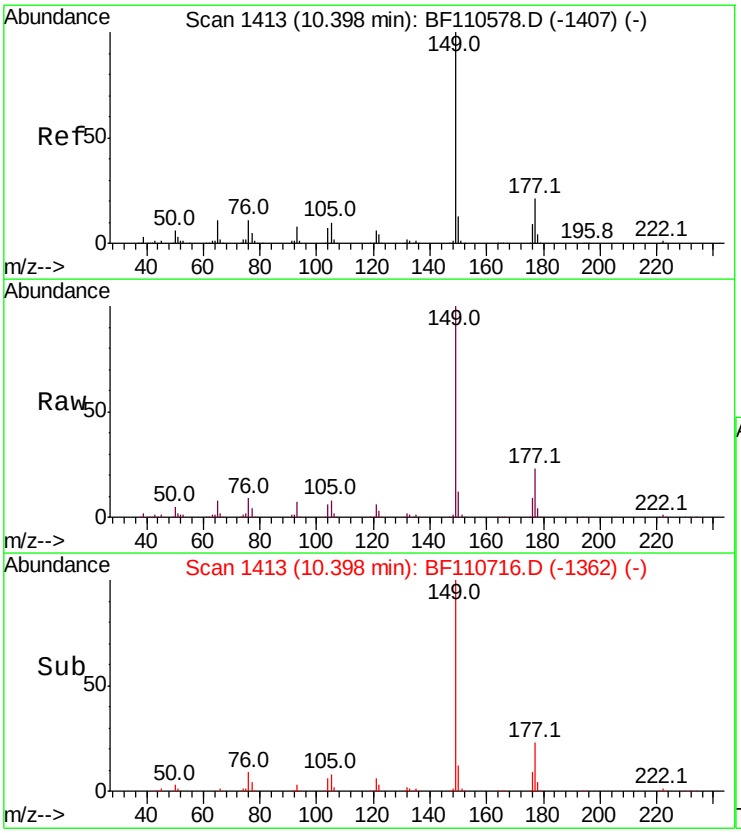

#59
2,3,4,6-Tetrachlorophenol
Concen: 34.664 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:232 Resp: 79474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.5 | 37.0 | 55.4 |
| 130 | 2.2 | 1.8 | 2.6 |
| 166 | 33.2 | 22.0 | 33.0# |

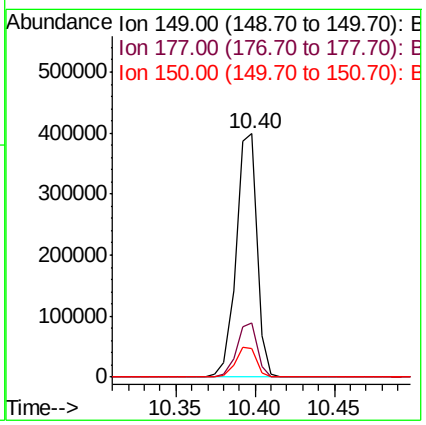


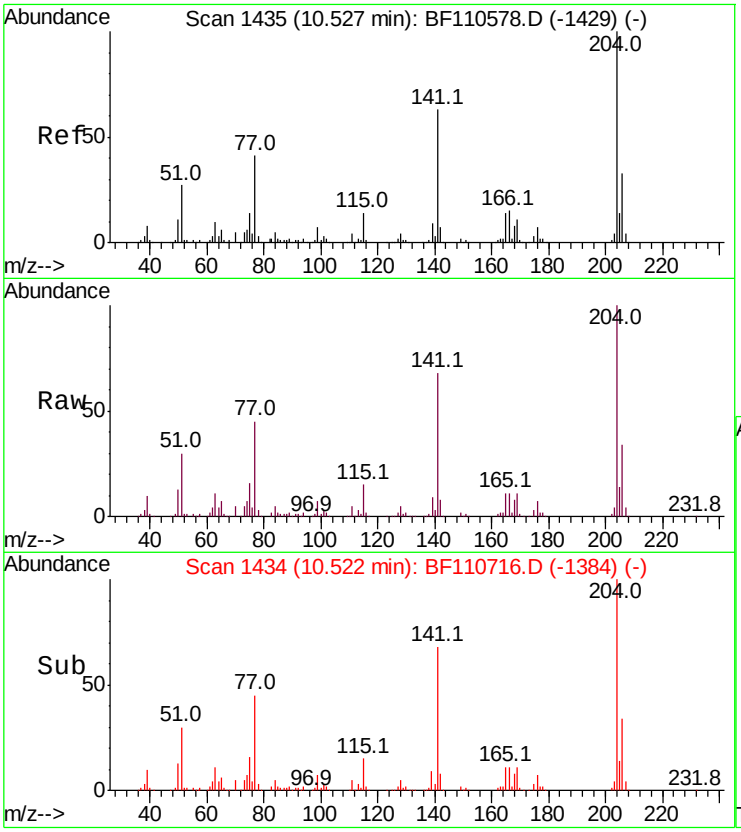




#60
Diethylphthalate
Concen: 36.005 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:149 Resp: 365071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 17.4 | 26.2 |
| 150 | 11.9 | 9.8 | 14.8 |



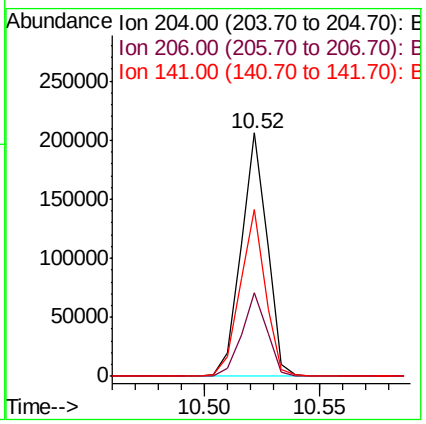


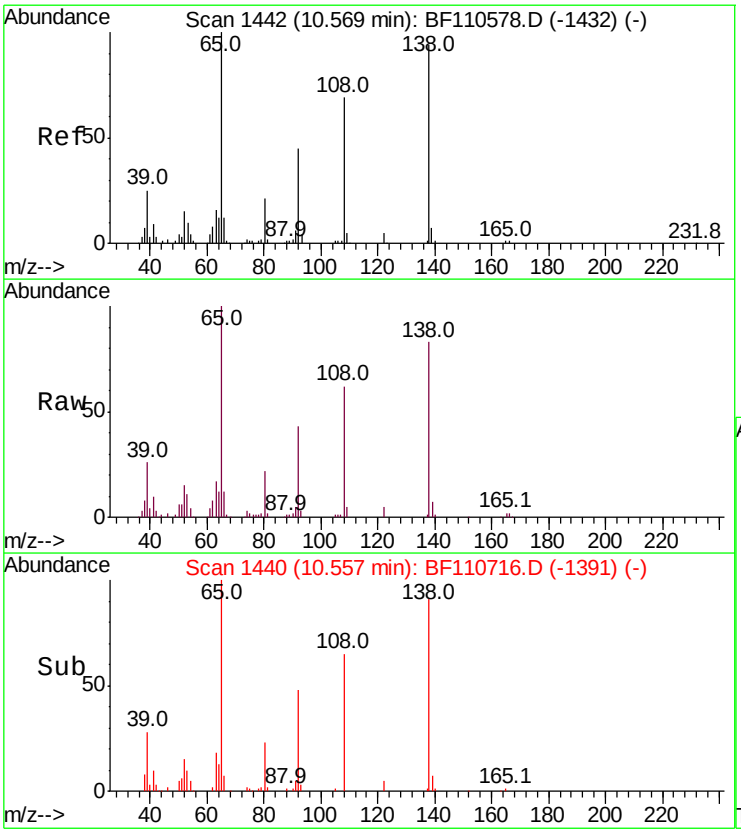

#61
4-Chlorophenyl-phenylether
Concen: 33.257 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:204 Resp: 162574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.4 | 26.5 | 39.7 |
| 141 | 68.4 | 51.8 | 77.8 |

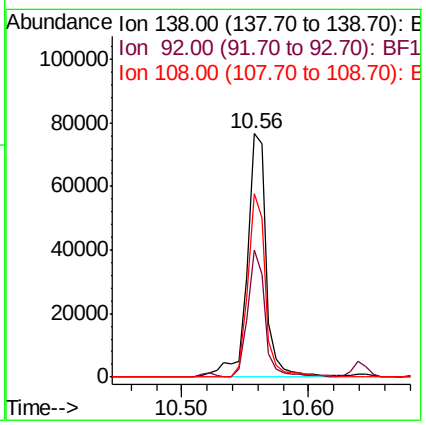


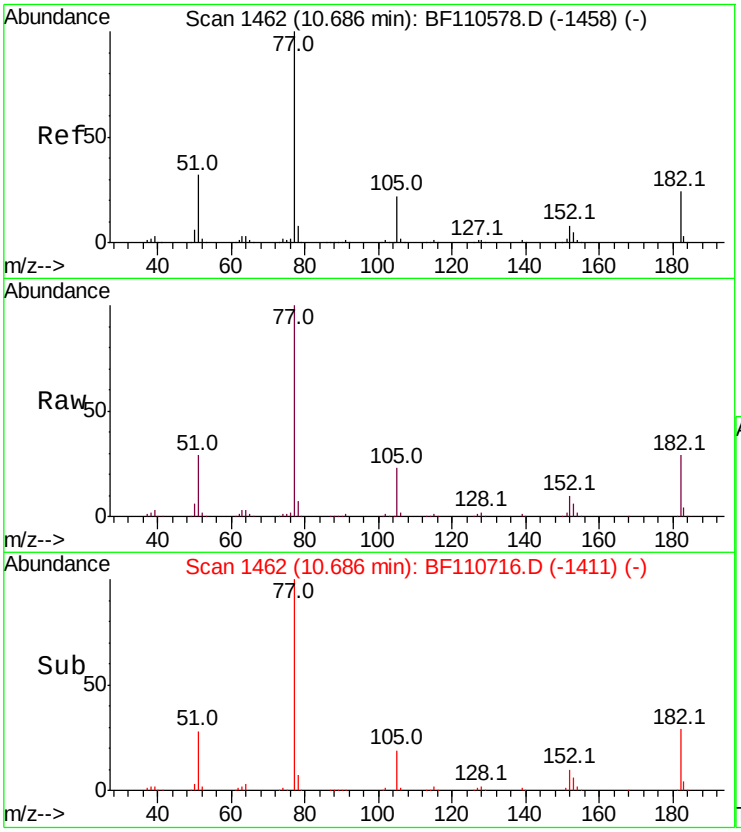




#62
4-Nitroaniline
Concen: 31.080 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:138 Resp: 81749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.1 | 31.7 | 71.7 |
| 108 | 75.3 | 59.3 | 99.3 |



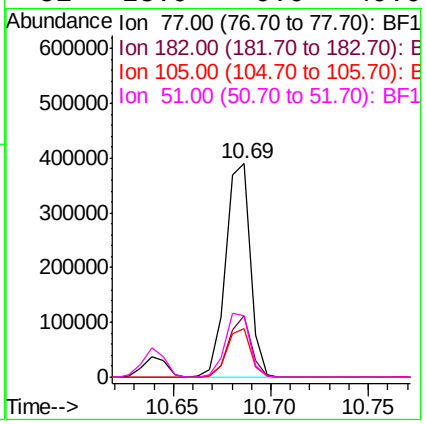


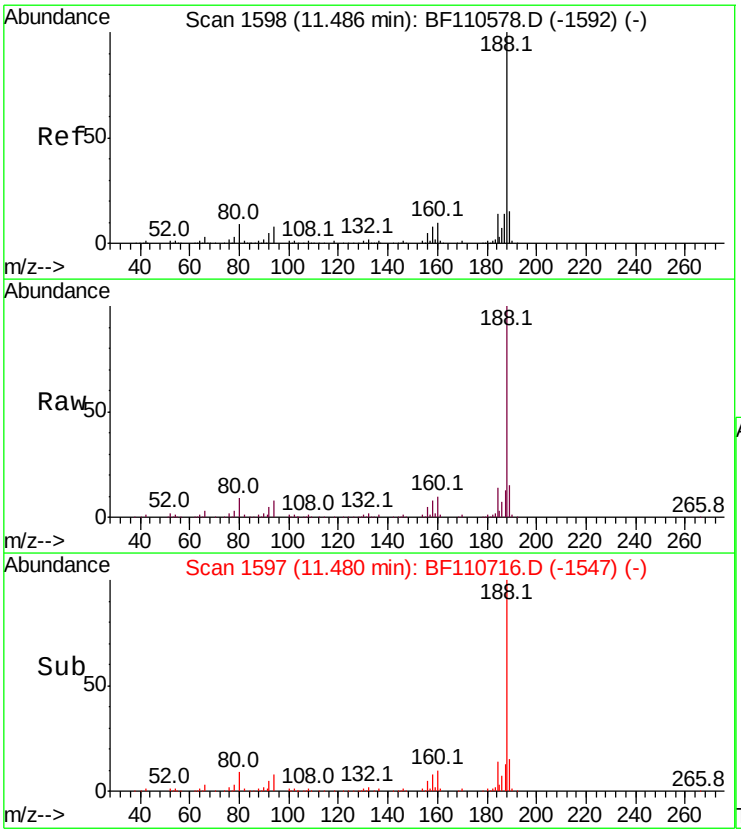

#63
Azobenzene
Concen: 34.652 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion: 77 Resp: 342799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.6 | 4.3 | 44.3 |
| 105 | 22.8 | 1.3 | 41.3 |
| 51 | 28.9 | 9.0 | 49.0 |

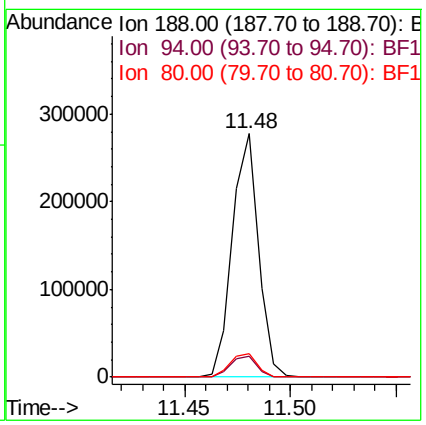


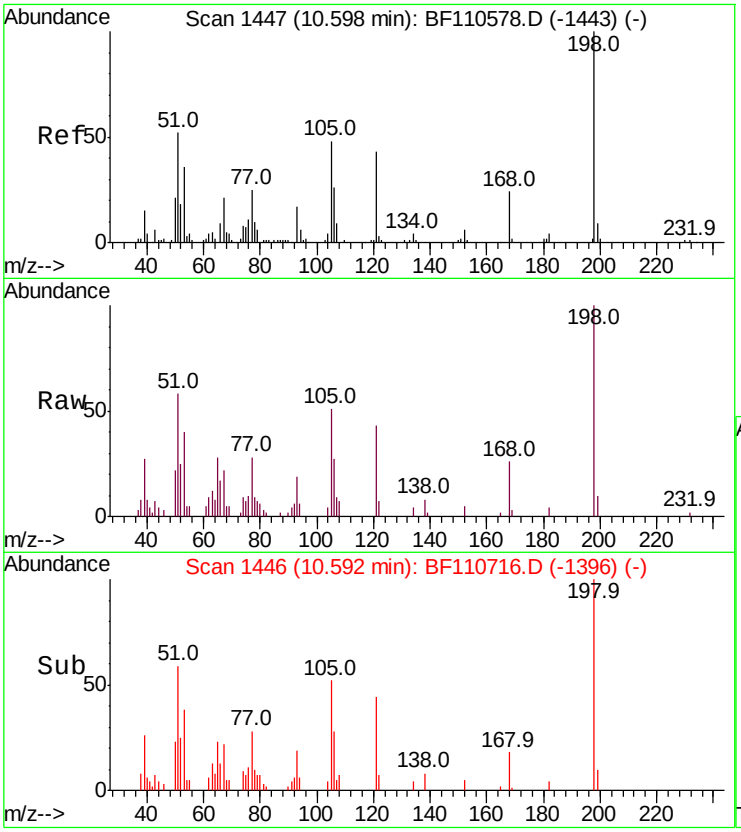




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:188 Resp: 236907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.2 | 10.8 |
| 80 | 9.4 | 7.9 | 11.9 |



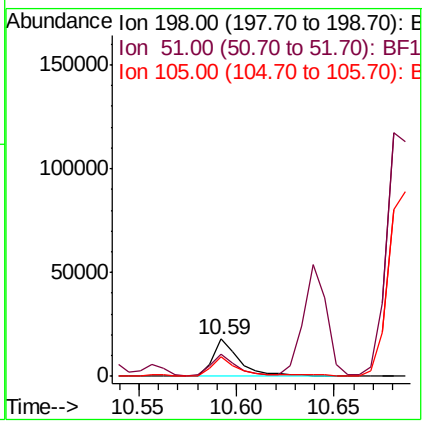


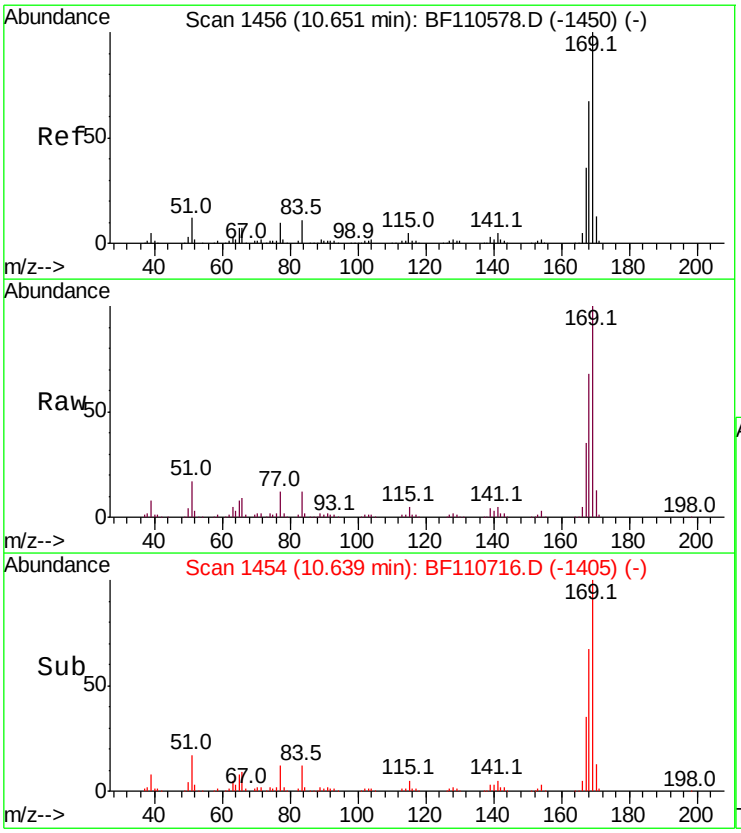

#65
4,6-Dinitro-2-methylphenol
Concen: 14.270 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:198 Resp: 17038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.2 | 22.8 | 62.8 |
| 105 | 51.3 | 23.6 | 63.6 |

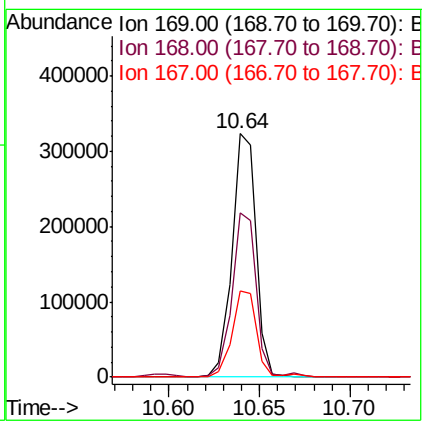


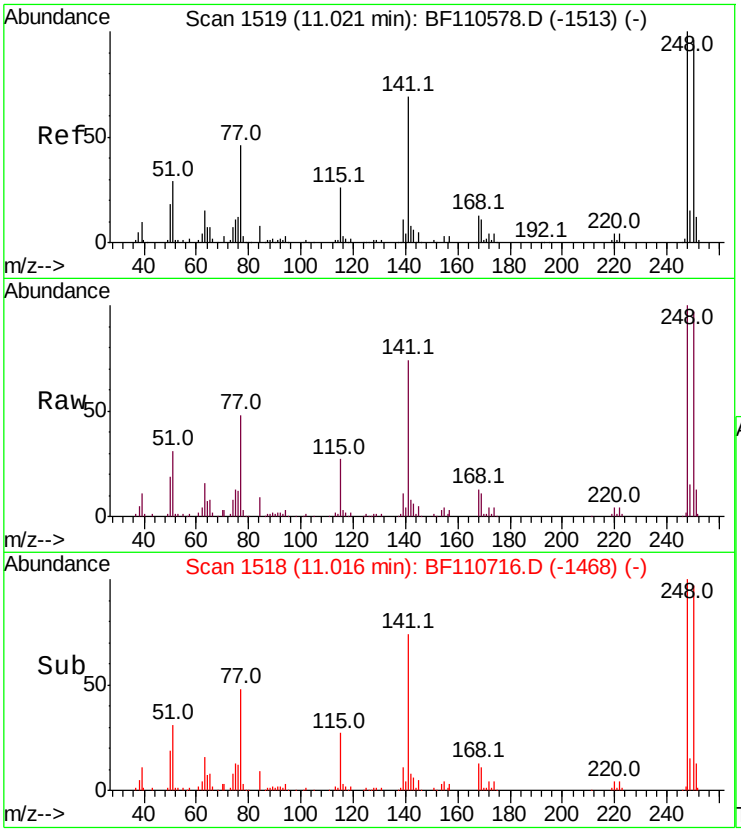




#66
n-Nitrosodiphenylamine
Concen: 37.262 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:169 Resp: 297549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 51.2 | 76.8 |
| 167 | 35.3 | 27.8 | 41.6 |



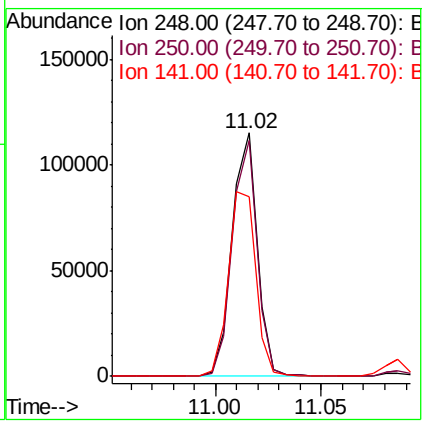


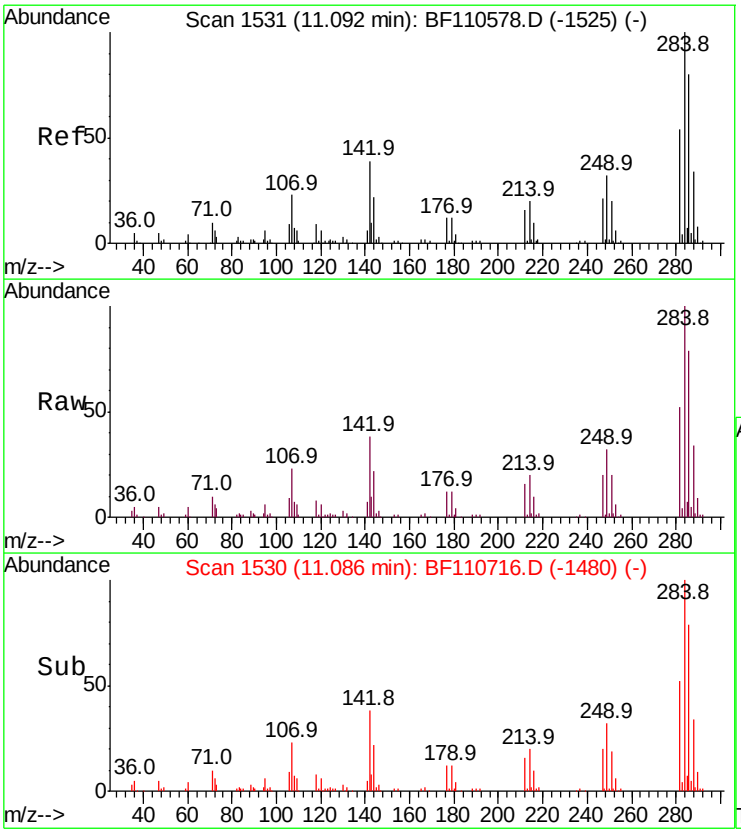

#67
4-Bromophenyl-phenylether
Concen: 35.955 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:248 Resp: 94141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 79.4 | 119.2 |
| 141 | 73.8 | 55.9 | 83.9 |

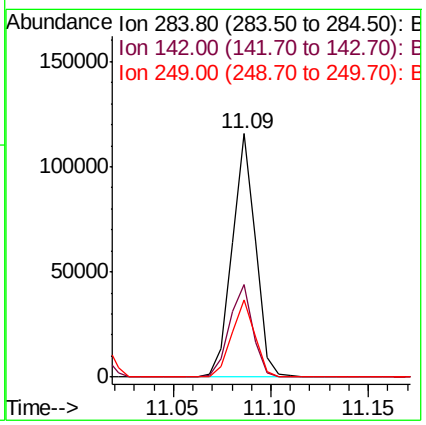


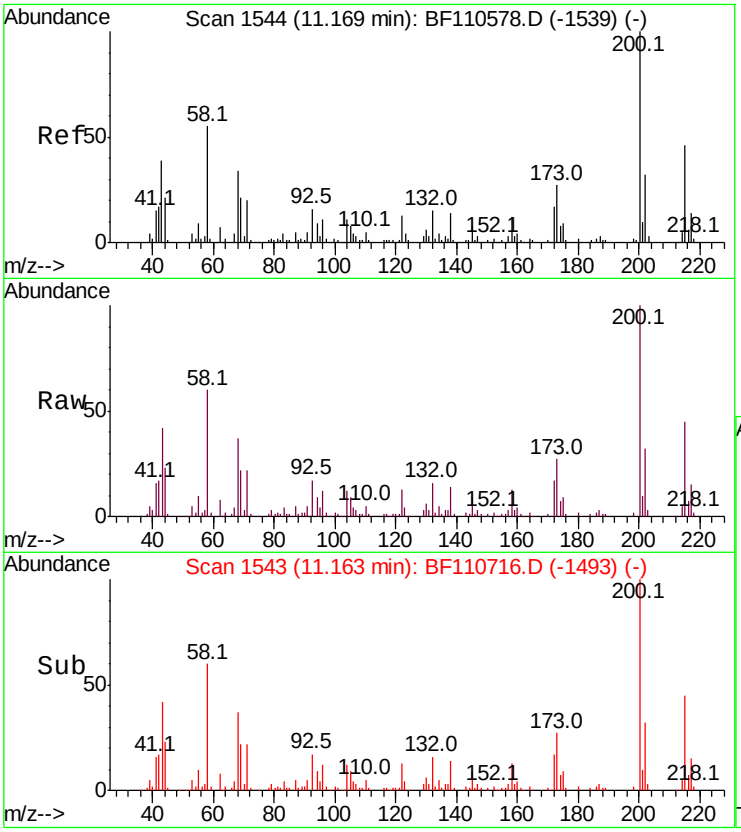




#68
Hexachlorobenzene
Concen: 34.743 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:284 Resp: 95909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 38.1 | 23.9 | 35.9# |
| 249 | 31.5 | 24.2 | 36.2 |



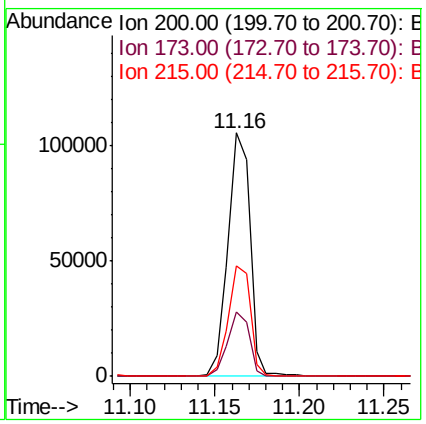


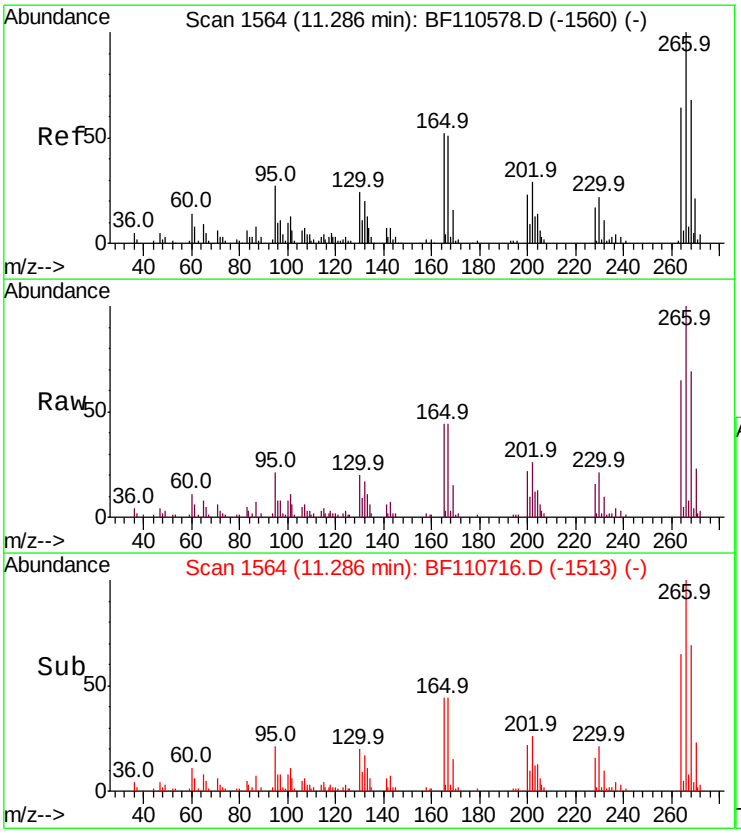

#69
Atrazine
Concen: 39.286 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:200 Resp: 95922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 6.6 | 46.6 |
| 215 | 45.2 | 26.3 | 66.3 |

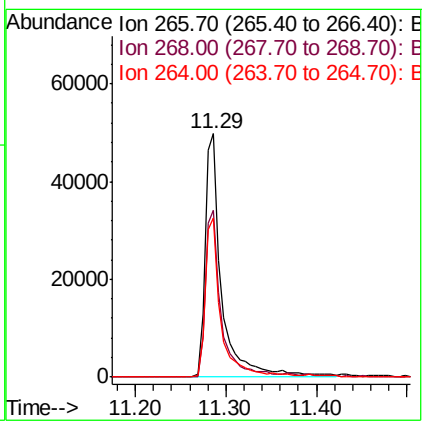


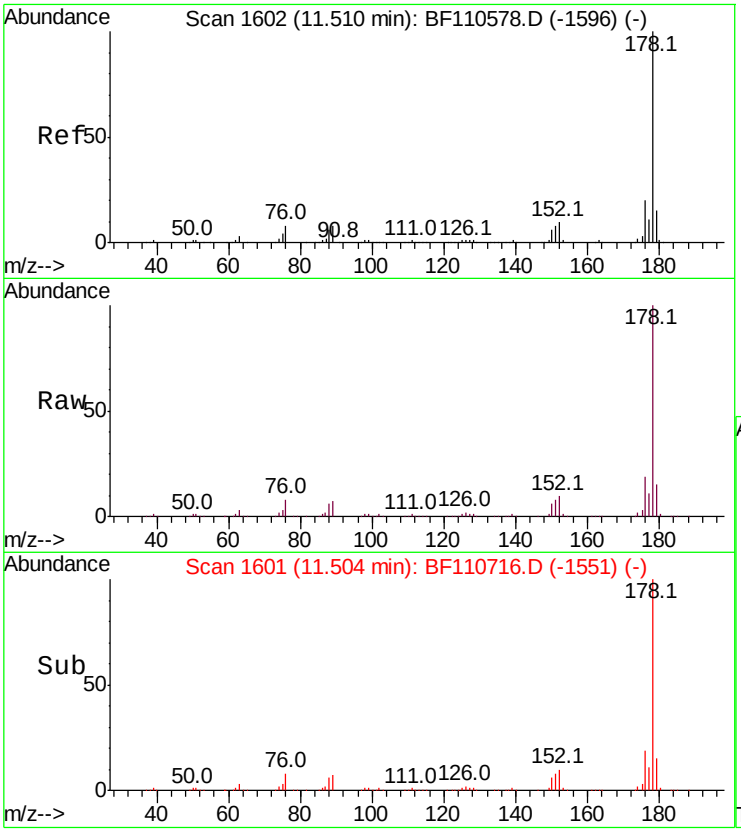




#70
Pentachlorophenol
Concen: 43.566 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:266 Resp: 64171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 68.6 | 50.6 | 75.8 |
| 264 | 65.2 | 50.6 | 75.8 |



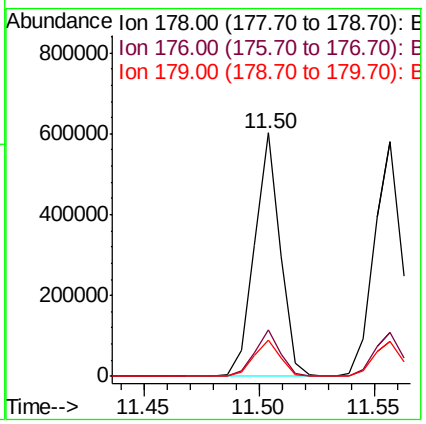


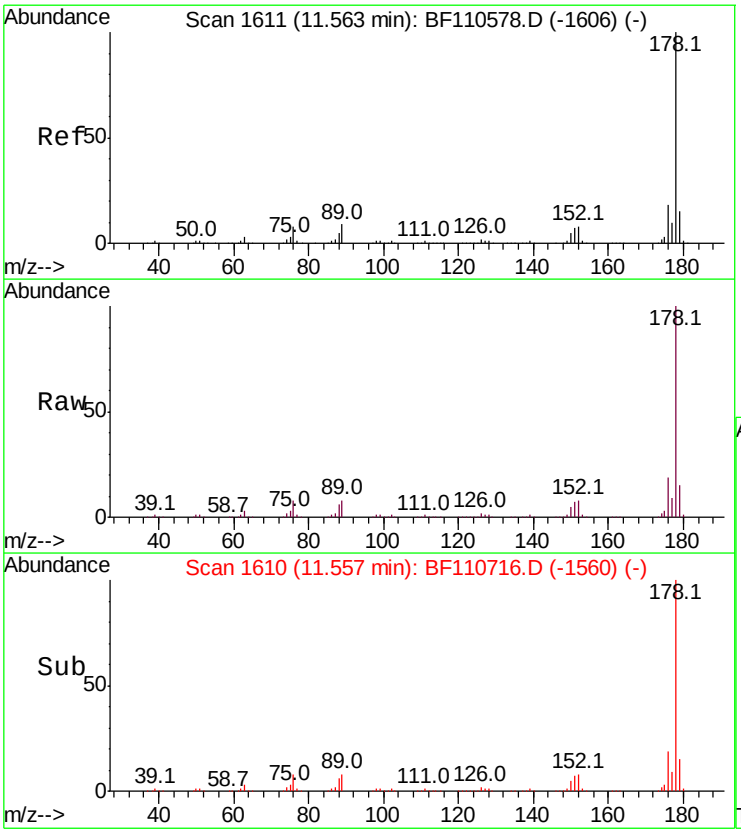

#71
Phenanthrene
Concen: 36.994 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:178 Resp: 469541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.5 | 23.3 |
| 179 | 14.7 | 12.5 | 18.7 |

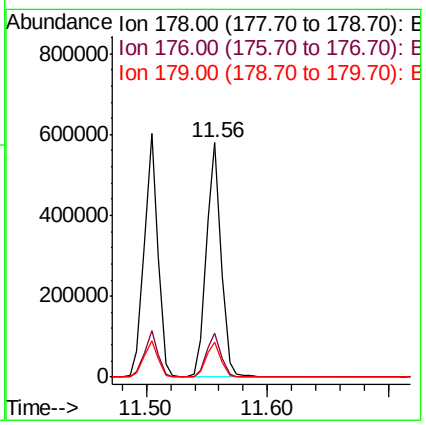


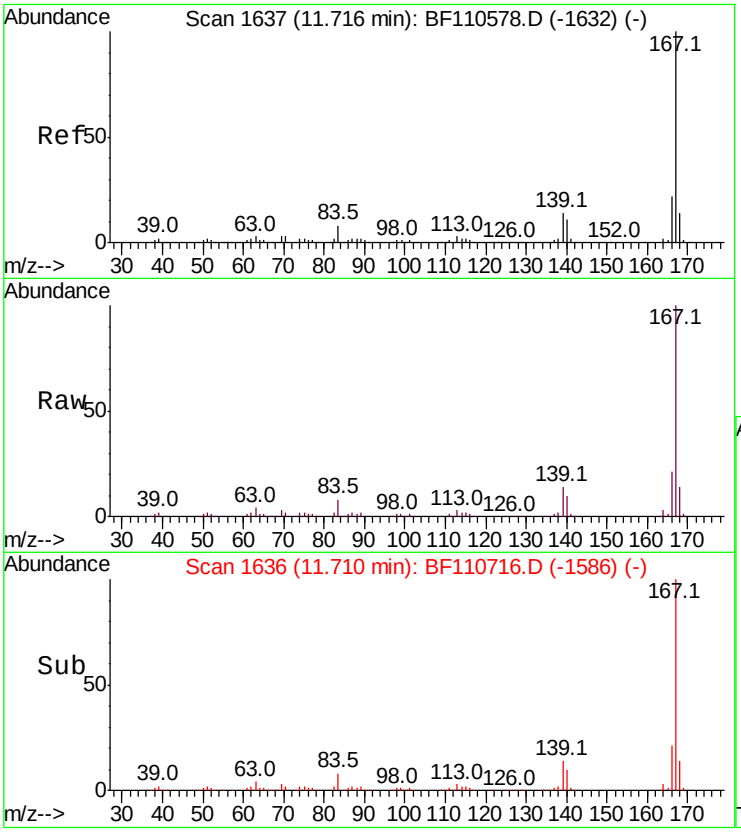




#72
Anthracene
Concen: 37.957 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:178 Resp: 485984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.4 | 23.2 |
| 179 | 14.9 | 12.6 | 18.8 |



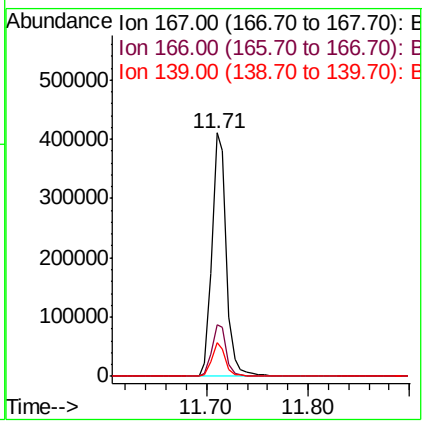


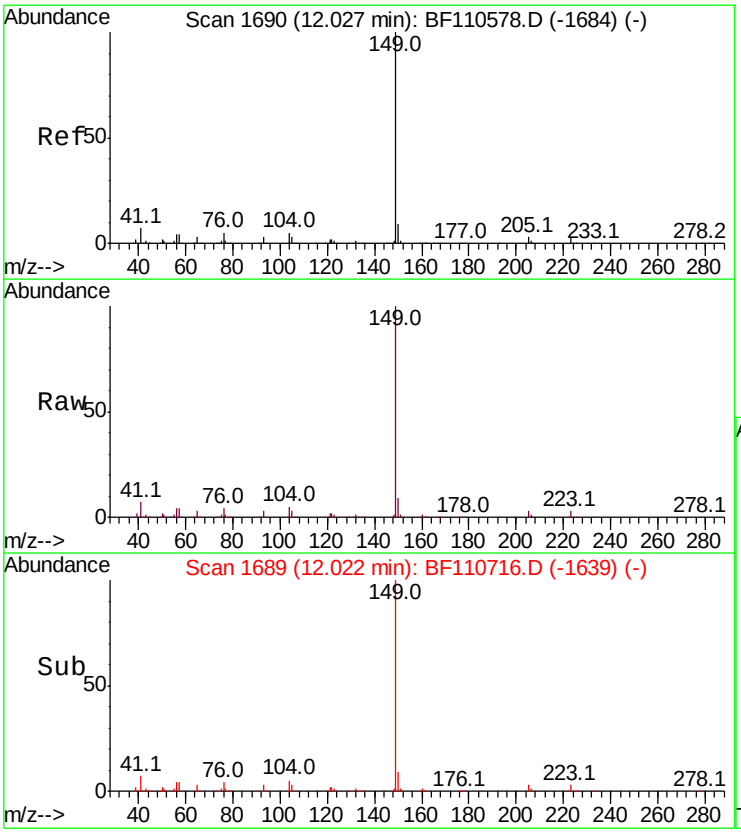

#73
Carbazole
Concen: 33.083 ng
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:167 Resp: 406787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.4 | 26.0 |
| 139 | 13.8 | 10.9 | 16.3 |

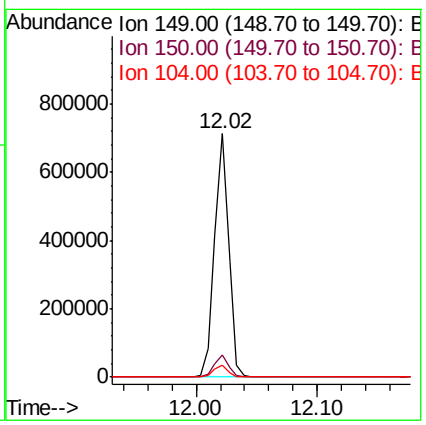


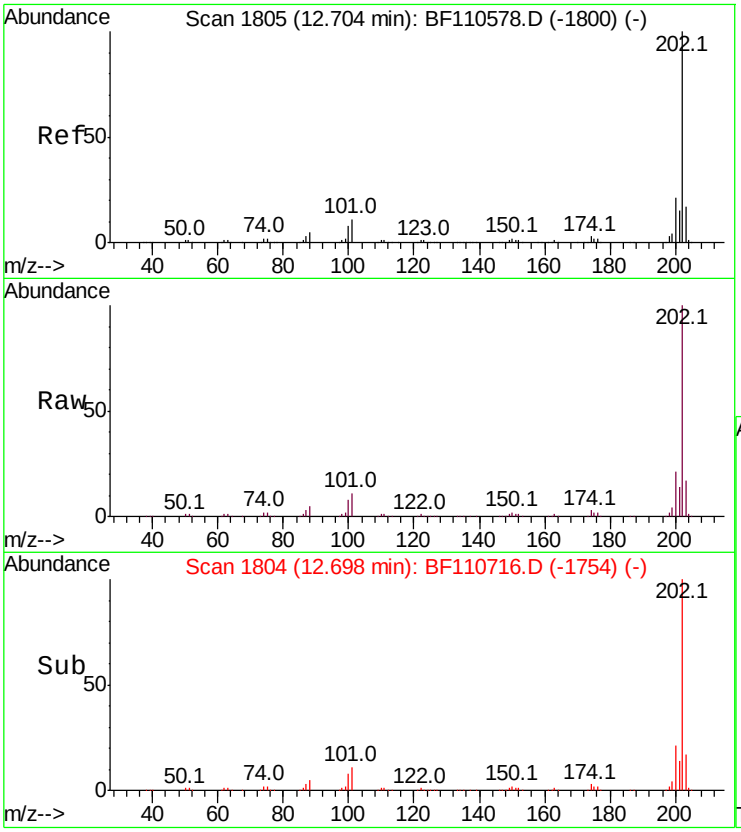




#74
Di-n-butylphthalate
Concen: 39.134 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:149 Resp: 564281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.7 | 11.5 |
| 104 | 4.9 | 4.2 | 6.4 |



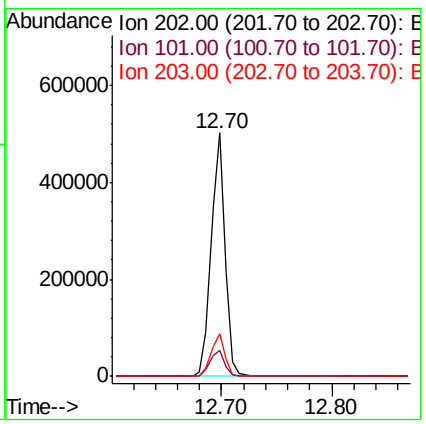


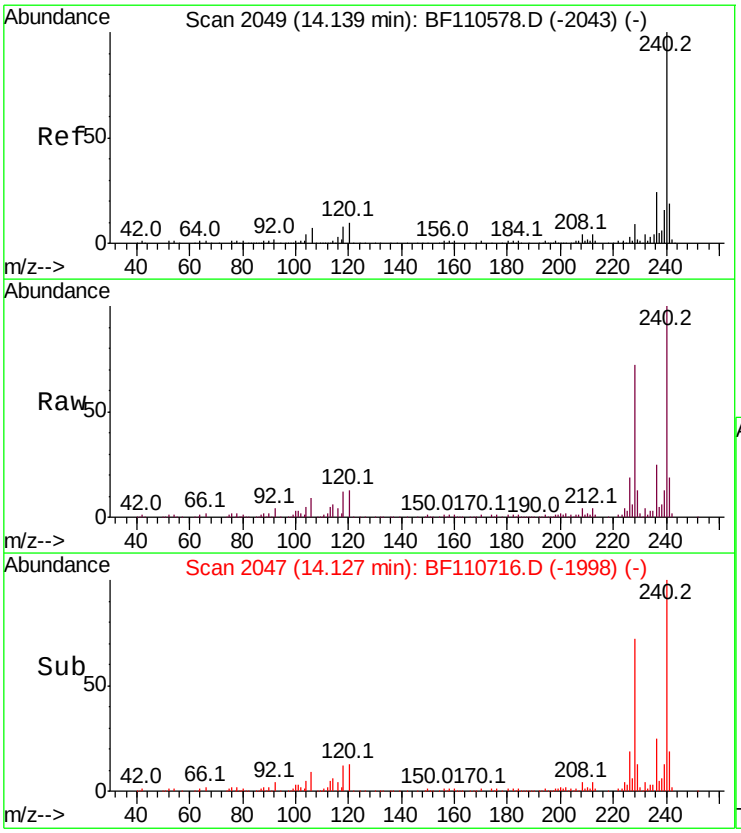

#75
Fluoranthene
Concen: 33.712 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:202 Resp: 428978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 31.4 |
| 203 | 17.4 | 0.0 | 37.7 |

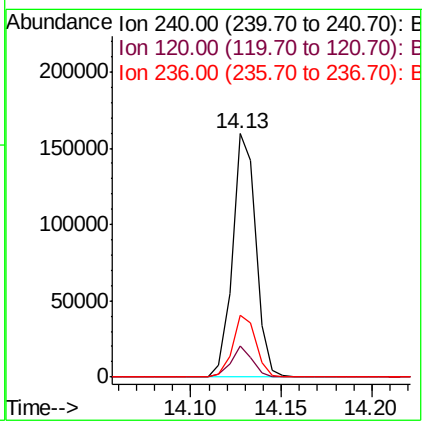


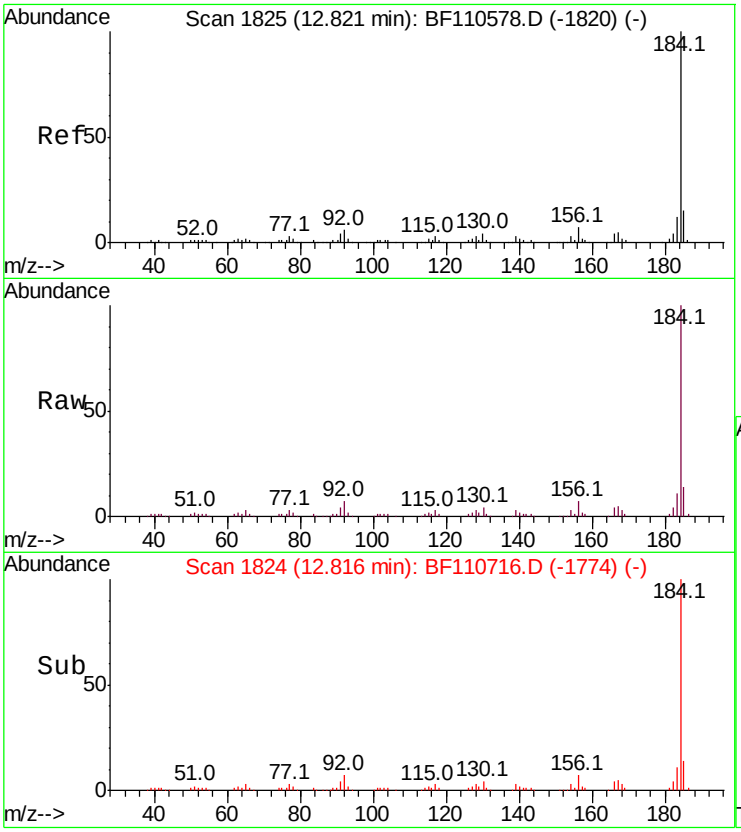




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:240 Resp: 142998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.8 | 8.3 | 12.5# |
| 236 | 25.4 | 21.2 | 31.8 |



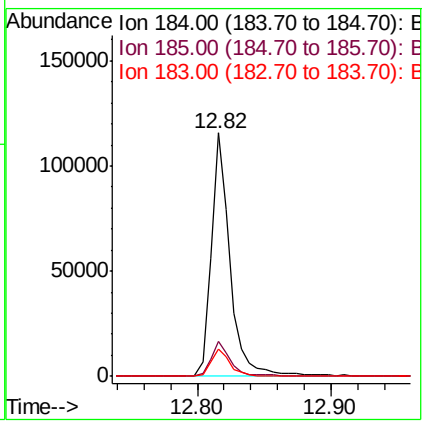


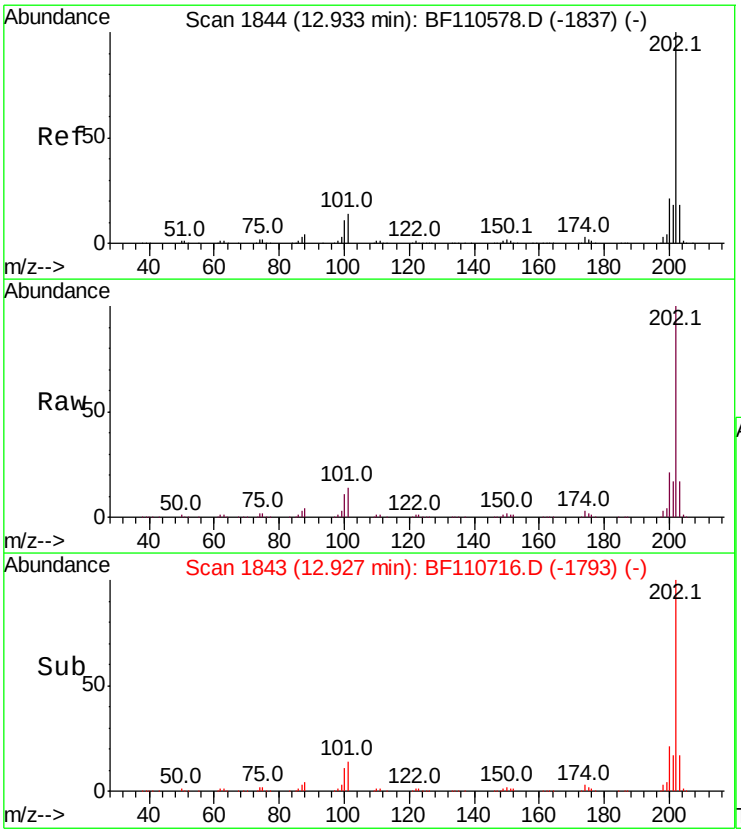

#77
Benzidine
Concen: 29.007 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:184 Resp: 114070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 13.4 | 20.2 |
| 183 | 11.3 | 9.4 | 14.2 |

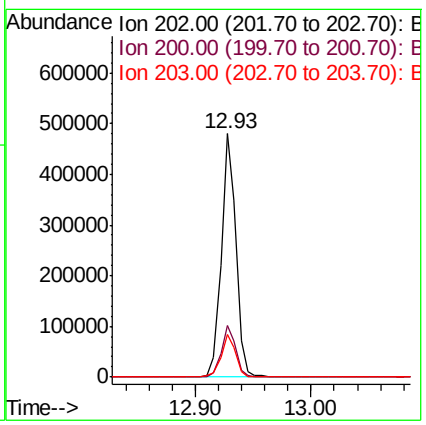


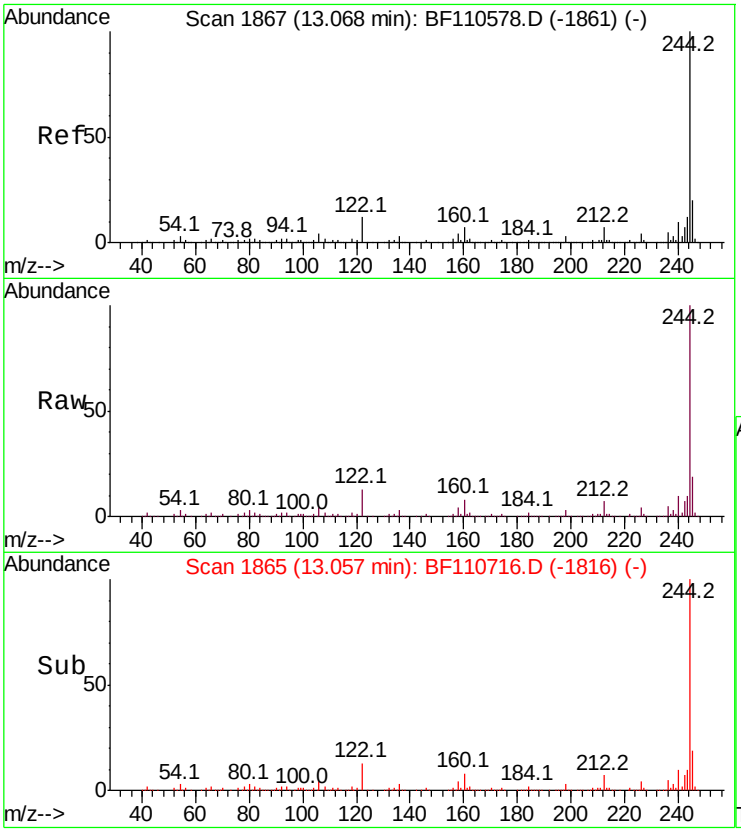




#78
Pyrene
Concen: 38.004 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:202 Resp: 418442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.8 | 26.6 |
| 203 | 17.4 | 14.2 | 21.4 |



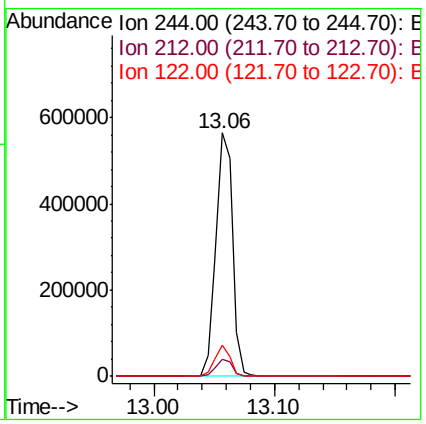


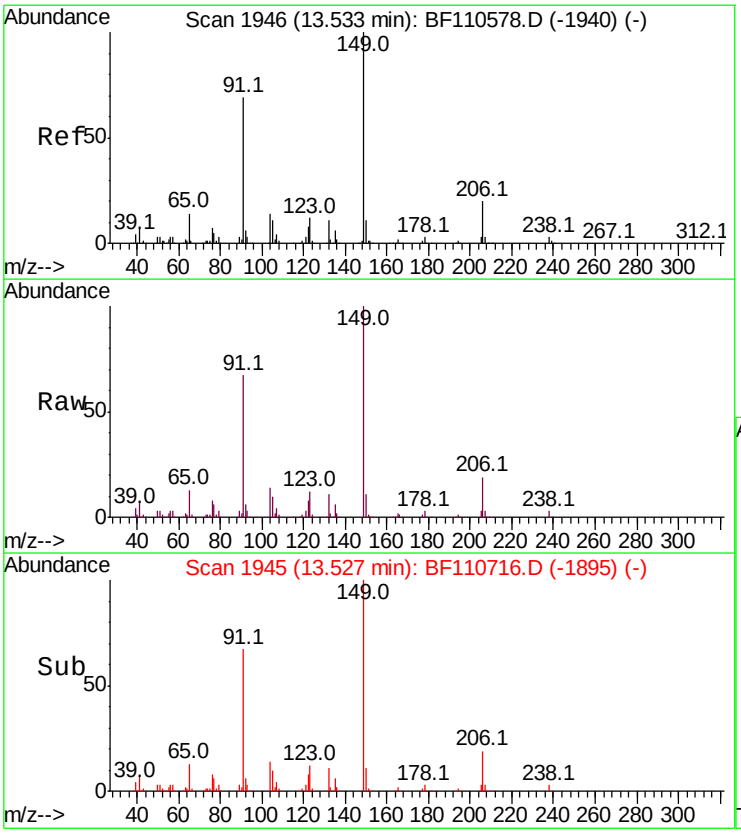

#79
Terphenyl-d14
Concen: 69.647 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :** BNA_F
**ClientSampleId :** PB114706BSD

Tgt Ion:244 Resp: 531798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.8 | 8.8 |
| 122 | 13.0 | 8.7 | 13.1 |

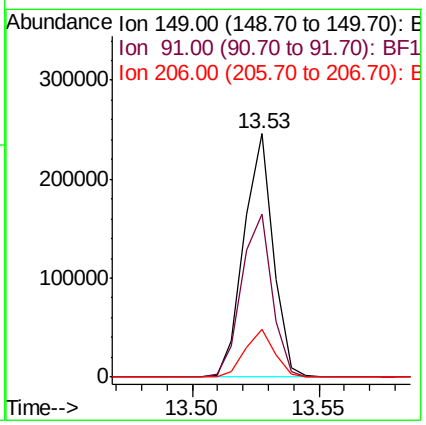


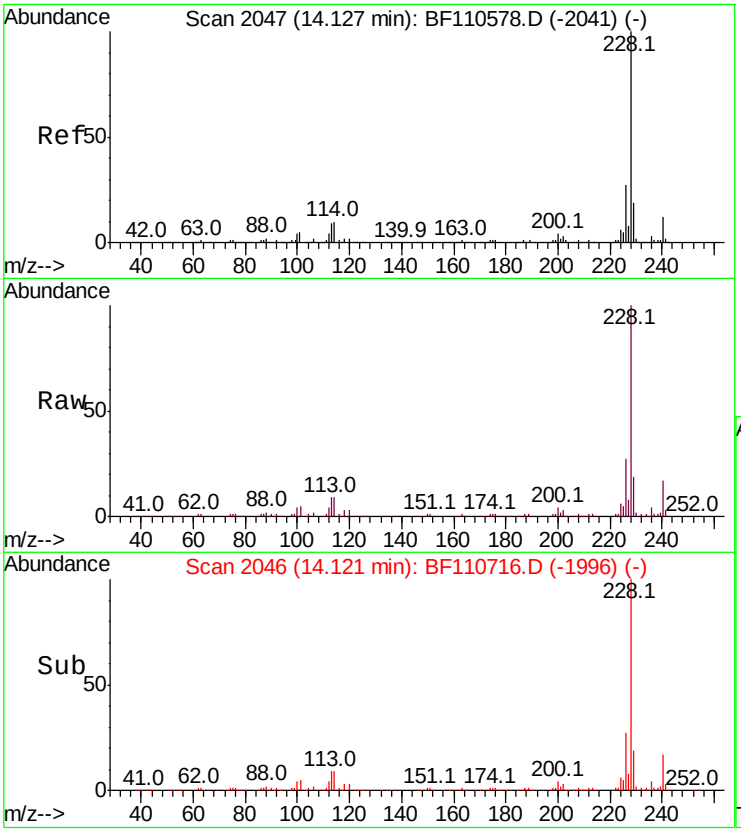




#80
Butylbenzylphthalate
Concen: 41.709 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:149 Resp: 197659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.1 | 57.2 | 85.8 |
| 206 | 19.4 | 15.7 | 23.5 |



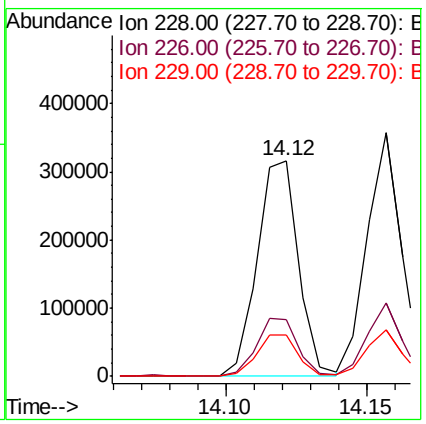


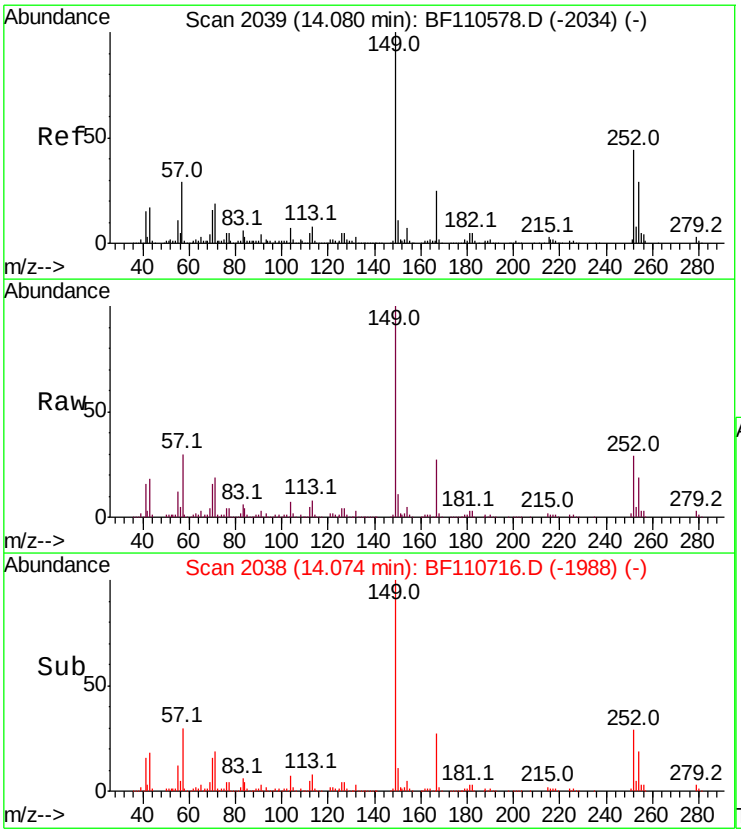

#81
Benzo(a)anthracene
Concen: 37.529 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:228 Resp: 320769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 22.1 | 33.1 |
| 229 | 19.3 | 15.6 | 23.4 |

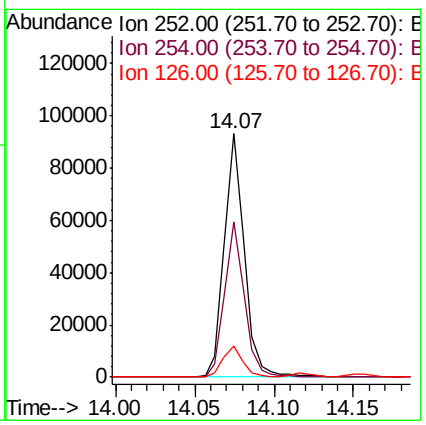


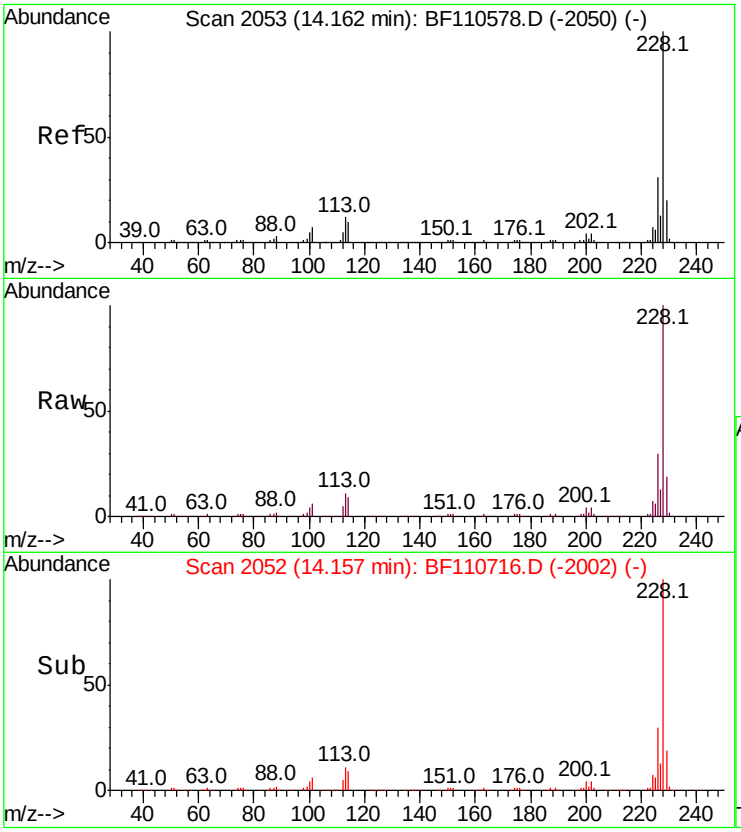




#82
3,3'-Dichlorobenzidine
Concen: 28.554 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:252 Resp: 81758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 51.3 | 76.9 |
| 126 | 12.9 | 9.4 | 14.2 |



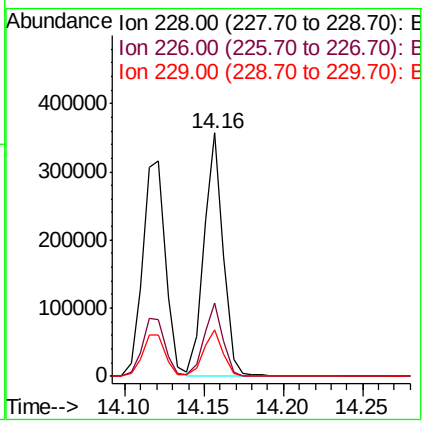


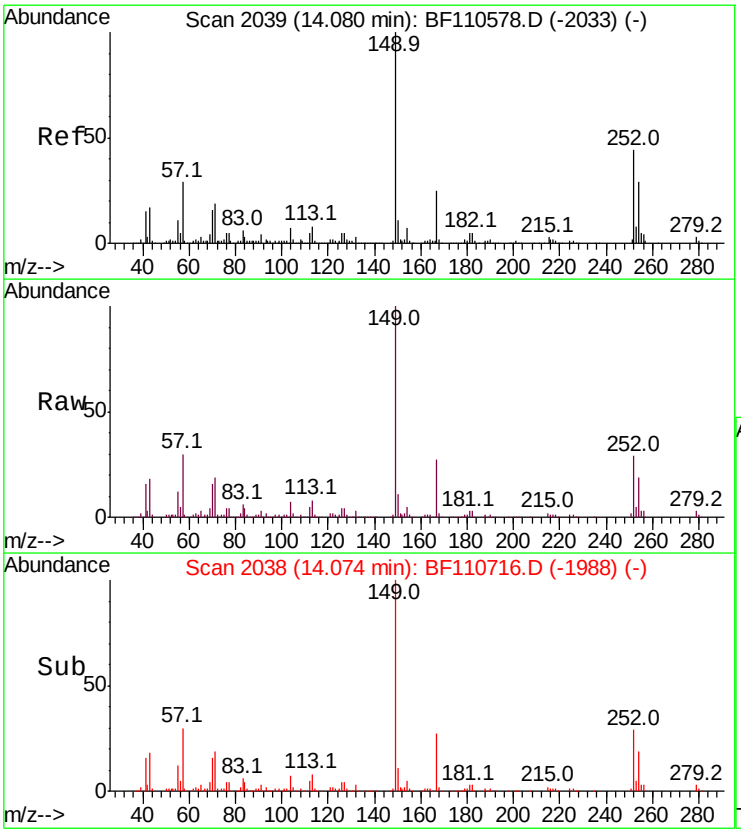

#83
Chrysene
Concen: 37.309 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:228 Resp: 303800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.7 | 37.1 |
| 229 | 19.3 | 15.9 | 23.9 |

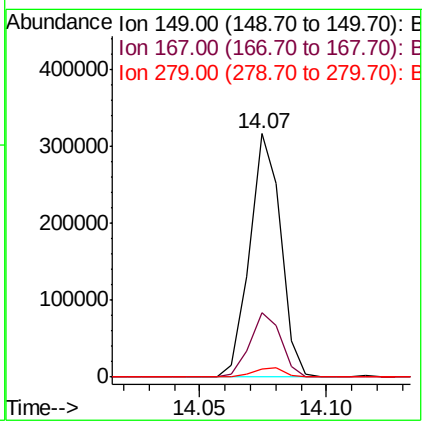


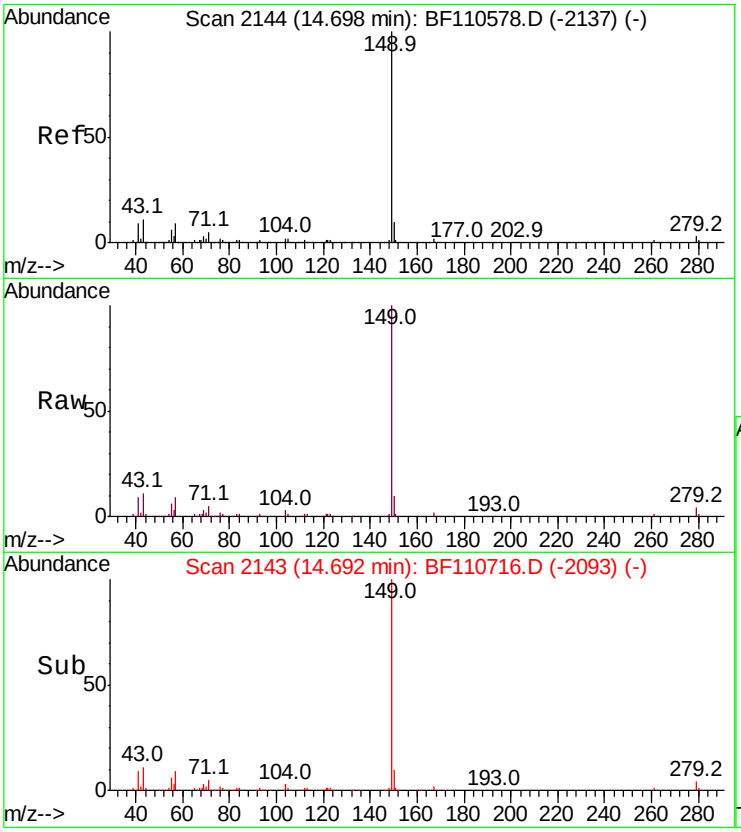




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.933 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:149 Resp: 270035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.6 | 19.8 | 29.8 |
| 279 | 3.5 | 2.7 | 4.1 |



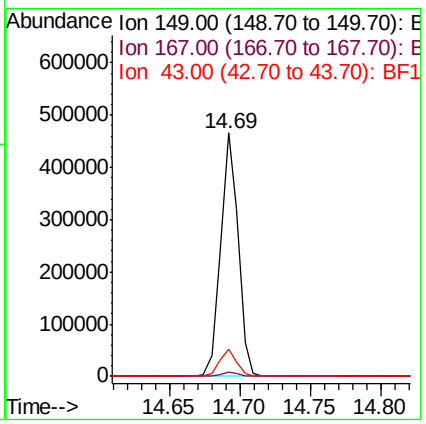


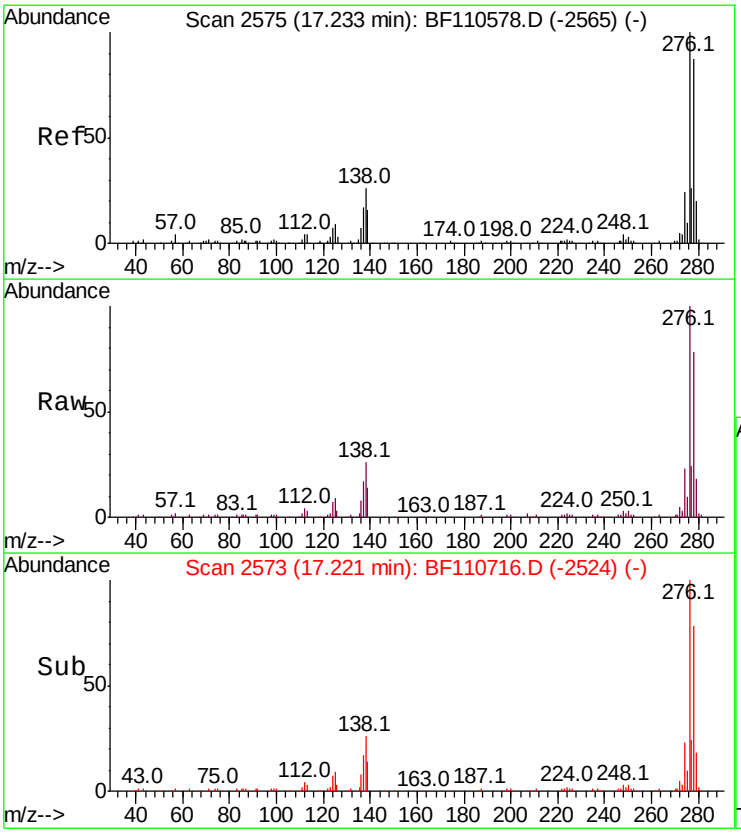

#85
Di-n-octyl phthalate
Concen: 46.357 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:149 Resp: 400764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 10.7 | 7.8 | 11.8 |

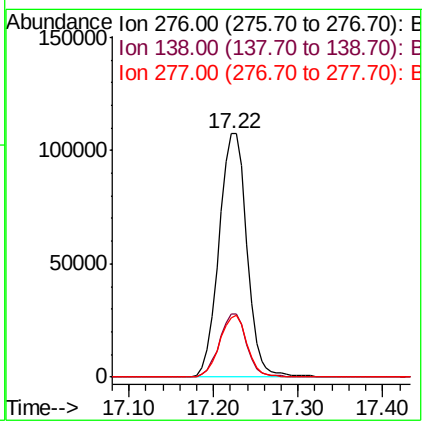


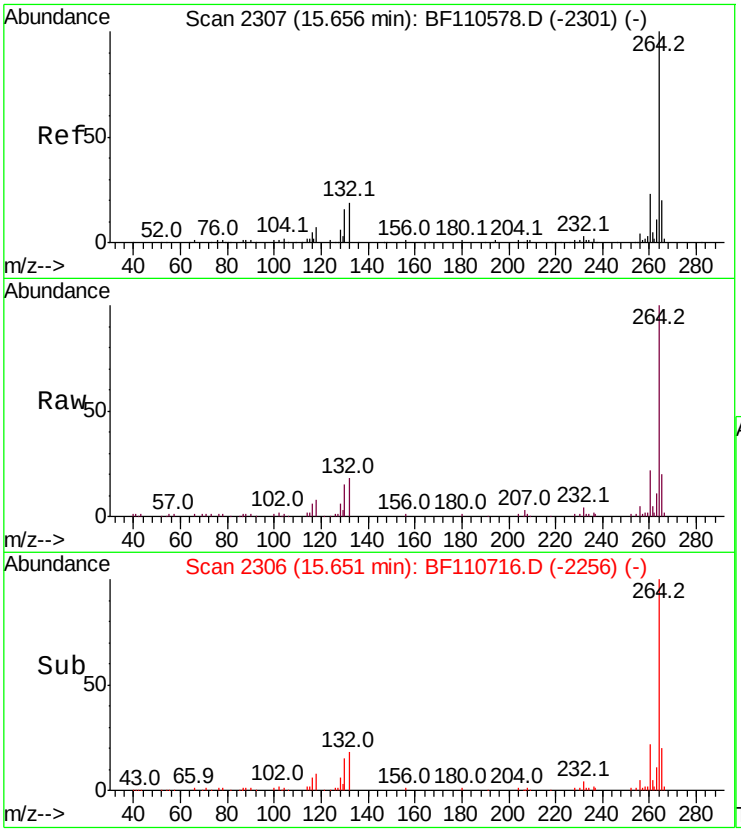




#86
Indeno(1,2,3-cd)pyrene
Concen: 42.183 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:276 Resp: 246486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.5 | 18.5 | 27.7 |
| 277 | 24.6 | 20.0 | 30.0 |



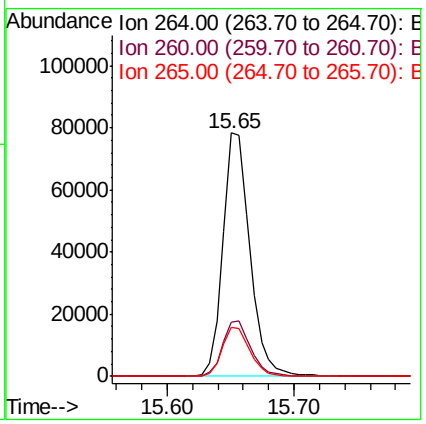


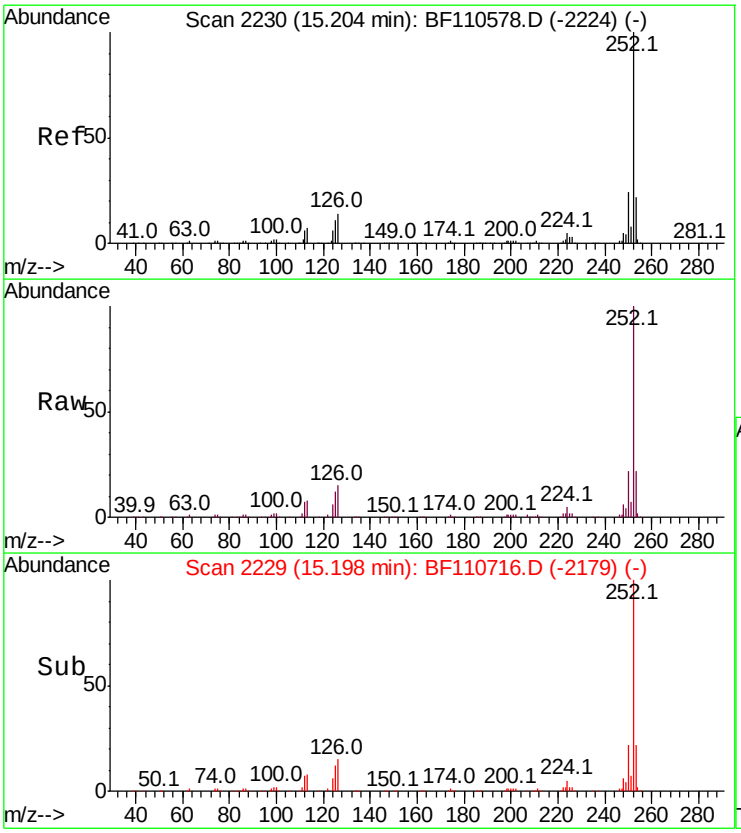

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:264 Resp: 115297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 18.7 | 28.1 |
| 265 | 20.3 | 16.7 | 25.1 |

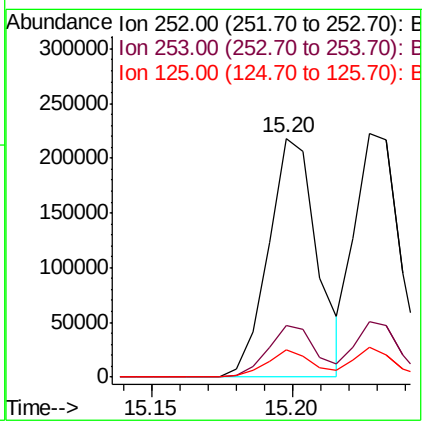


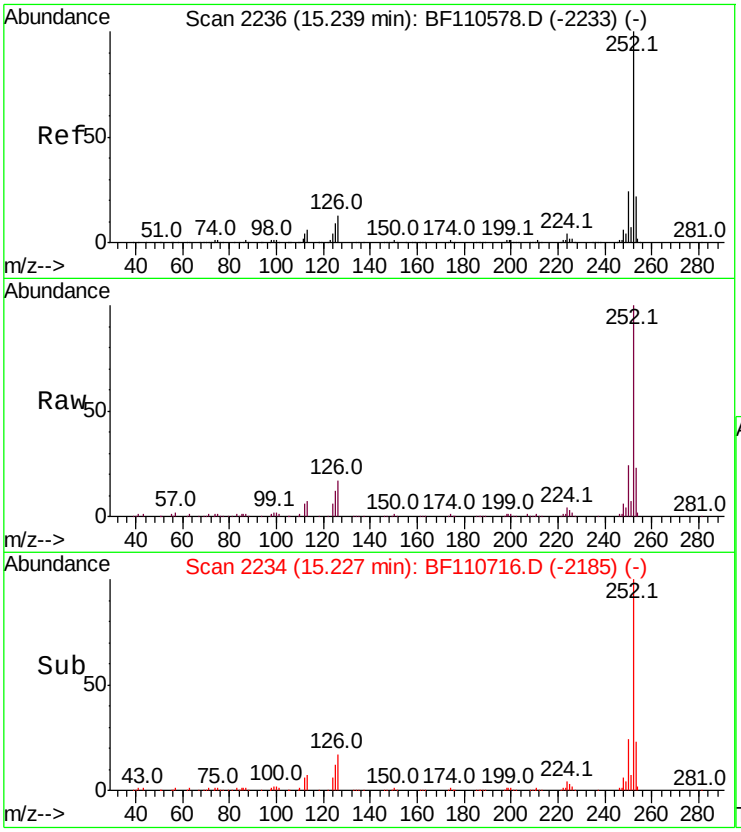




#88
Benzo(b)fluoranthene
Concen: 38.017 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:252 Resp: 262219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.2 | 25.8 |
| 125 | 11.7 | 8.2 | 12.4 |



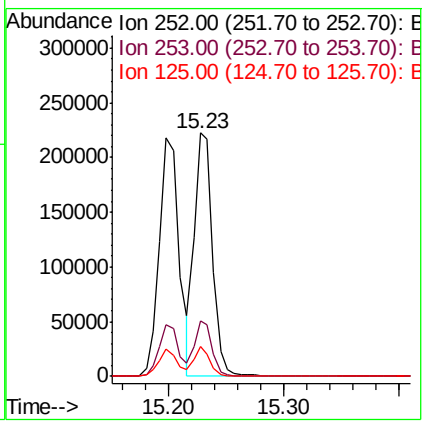


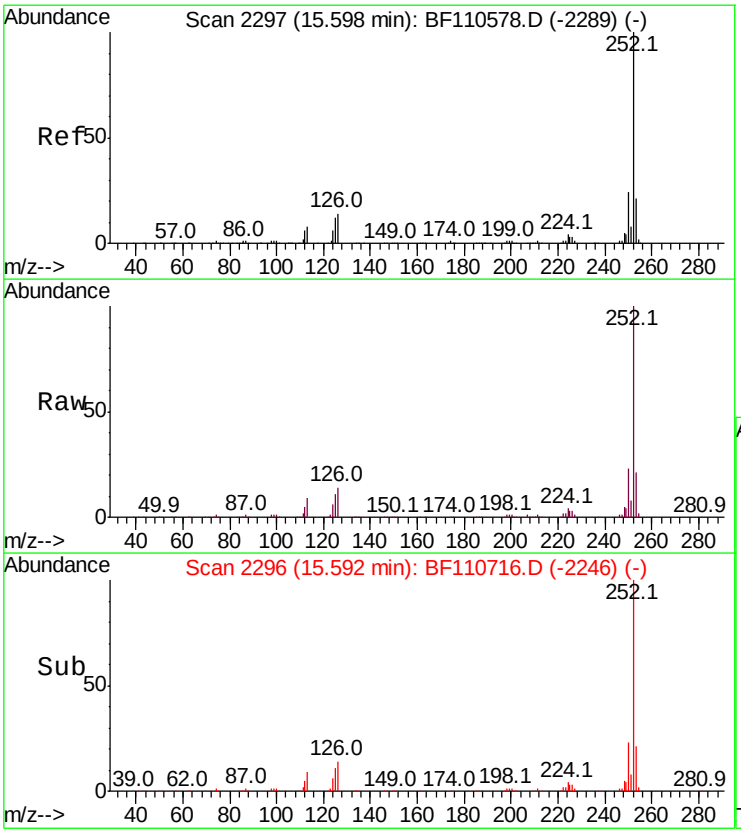

#89
Benzo(k)fluoranthene
Concen: 36.367 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:252 Resp: 247856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.2 | 25.8 |
| 125 | 12.2 | 7.4 | 11.0# |

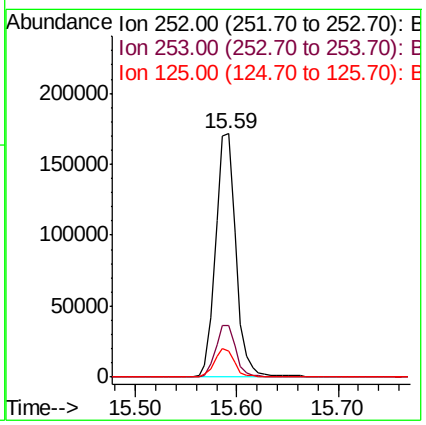


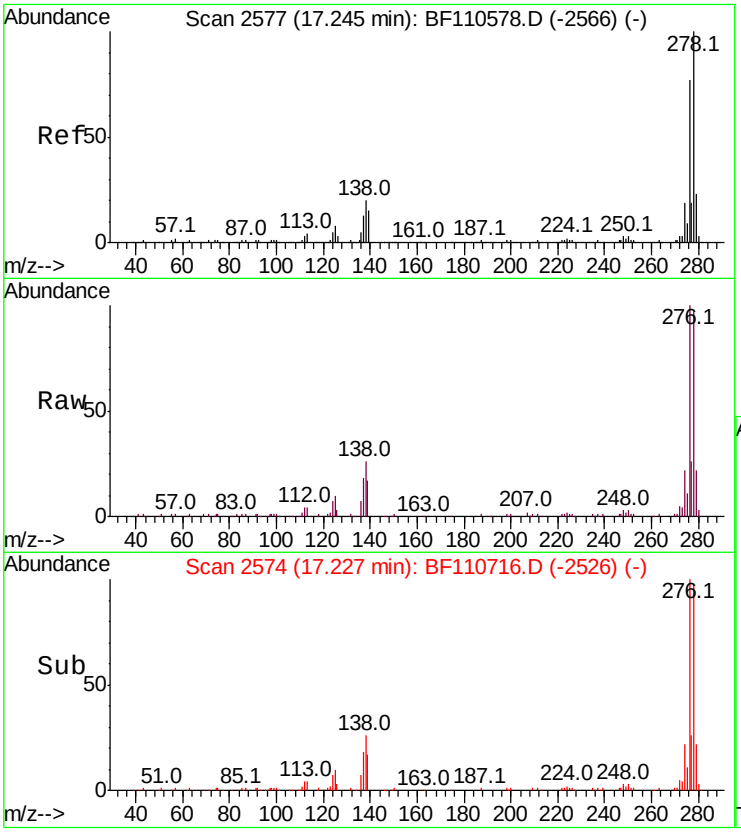




#90
Benzo(a)pyrene
Concen: 38.099 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:252 Resp: 238763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 18.2 | 27.4 |
| 125 | 10.6 | 9.0 | 13.6 |



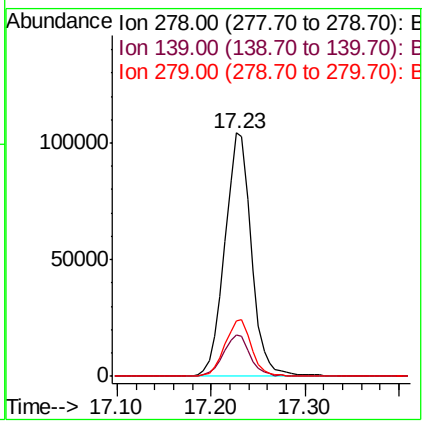


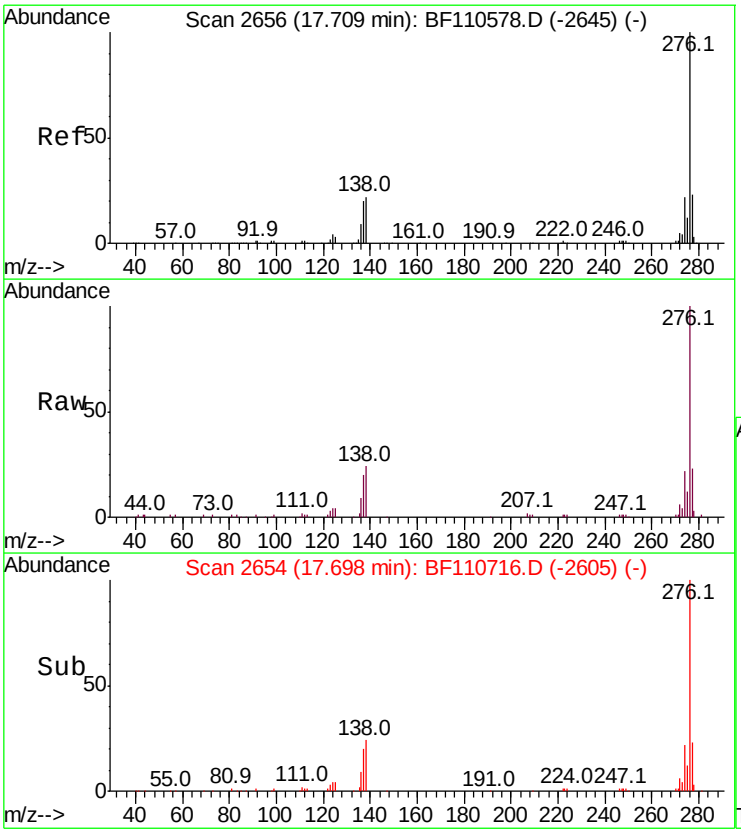

#91
Dibenzo(a,h)anthracene
Concen: 38.686 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB114706BSD

Tgt Ion:278 Resp: 205164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.2 | 12.7 | 19.1 |
| 279 | 22.9 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 36.180 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:276 Resp: 190374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.0 | 18.8 | 28.2 |
| 138 | 23.6 | 16.0 | 24.0 |