Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093819.D
Acq On : 22 Mar 2017 6:24
Operator : SJ/MA
Sample : PB97716BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB97716BSD

Quant Time: Mar 22 07:39:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 200671 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 850851 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.86 | 164 | 372909 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.34 | 188 | 593570 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 336048 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.37 | 264 | 345915 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 979328 | 85.34 | ng | | 0.01 |
| 7) Phenol-d6 | 6.46 | 99 | 1254821 | 88.49 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 1202493 | 80.17 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 252946 | 87.57 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.19 | 172 | 1827094 | 82.39 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.93 | 244 | 1294190 | 78.52 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.49 | 88 | 197927 | 34.04 | ng | | 99 |
| 3) Pyridine | 3.19 | 79 | 518098 | 33.26 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.13 | 42 | 264068 | 39.31 | ng | | 93 |
| 6) Aniline | 6.48 | 93 | 417678 | 21.07 | ng | # | 62 |
| 8) 2-Chlorophenol | 6.61 | 128 | 546454 | 43.29 | ng | | 94 |
| 9) Benzaldehyde | 6.37 | 77 | 180370 | 18.00 | ng | | 95 |
| 10) Phenol | 6.47 | 94 | 599254 | 37.60 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.56 | 93 | 490234 | 37.88 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 568803 | 39.73 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 609944 | 41.76 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.00 | 146 | 518468 | 38.70 | ng | | 98 |
| 15) Benzyl Alcohol | 6.97 | 79 | 481114 | 45.79 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 767104 | 37.28 | ng | | 99 |
| 17) 2-Methylphenol | 7.09 | 107 | 465232 | 42.00 | ng | | 97 |
| 18) Hexachloroethane | 7.35 | 117 | 206652 | 39.91 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 358642 | 38.60 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.24 | 107 | 562240 | 42.87 | ng | # | 86 |
| 22) Acetophenone | 7.24 | 105 | 709460 | 38.51 | ng | # | 96 |
| 24) Nitrobenzene | 7.41 | 77 | 526945 | 36.77 | ng | | 100 |
| 25) Isophorone | 7.66 | 82 | 1048732 | 39.47 | ng | # | 91 |
| 26) 2-Nitrophenol | 7.73 | 139 | 304425 | 46.98 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 566037 | 42.47 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93 | 619960 | 36.26 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.97 | 162 | 455444 | 40.15 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 474062 | 40.24 | ng | | 99 |
| 31) Naphthalene | 8.14 | 128 | 1619567 | 41.01 | ng | | 100 |
| 32) Benzoic acid | 7.89 | 122 | 339785 | 41.00 | ng | | 99 |
| 33) 4-Chloroaniline | 8.18 | 127 | 235394 | 13.87 | ng | # | 89 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 239864 | 38.72 | ng | | 98 |
| 35) Caprolactam | 8.55 | 113 | 152789 | 42.90 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 492789 | 41.92 | ng | | 84 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 1029134 | 39.92 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 408573 | 41.37 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.98 | 237 | 262910 | 52.77 | ng | | 98 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093819.D
Acq On : 22 Mar 2017 6:24
Operator : SJ/MA
Sample : PB97716BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB97716BSD

Quant Time: Mar 22 07:39:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.11 | 196 | 332091 | 46.32 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.14 | 196 | 309125 | 41.53 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.29 | 154 | 1237214 | 40.82 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 995435 | 42.84 | ng | | 96 |
| 47) 2-Nitroaniline | 9.41 | 65 | 323167 | 49.80 | ng | # | 75 |
| 48) Acenaphthylene | 9.73 | 152 | 1456004 | 38.50 | ng | | 99 |
| 49) Dimethylphthalate | 9.59 | 163 | 1079667 | 40.68 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.65 | 165 | 231199 | 39.68 | ng | # | 79 |
| 51) Acenaphthene | 9.90 | 154 | 917070 | 40.60 | ng | | 100 |
| 52) 3-Nitroaniline | 9.81 | 138 | 160683 | 22.97 | ng | | 100 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 156249 | 68.32 | ng | # | 53 |
| 54) Dibenzofuran | 10.07 | 168 | 1245564 | 40.98 | ng | | 98 |
| 55) 4-Nitrophenol | 9.98 | 139 | 421269 | 80.19 | ng | # | 71 |
| 56) 2,4-Dinitrotoluene | 10.05 | 165 | 300133 | 40.58 | ng | # | 72 |
| 57) Fluorene | 10.41 | 166 | 905558 | 38.90 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.18 | 232 | 222763 | 43.57 | ng | | 98 |
| 59) Diethylphthalate | 10.30 | 149 | 1083602 | 41.89 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204 | 406036 | 41.38 | ng | | 96 |
| 61) 4-Nitroaniline | 10.42 | 138 | 240112 | 38.38 | ng | | 94 |
| 62) Azobenzene | 10.56 | 77 | 1097502 | 42.90 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 121170 | 35.24 | ng | # | 49 |
| 65) n-Nitrosodiphenylamine | 10.53 | 169 | 936410 | 47.32 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.89 | 248 | 243385 | 42.60 | ng | | 95 |
| 67) Hexachlorobenzene | 10.96 | 284 | 249487 | 42.34 | ng | # | 87 |
| 68) Atrazine | 11.05 | 200 | 271678 | 44.73 | ng | | 96 |
| 69) Pentachlorophenol | 11.16 | 266 | 274988 | 79.81 | ng | | 99 |
| 70) Phenanthrene | 11.37 | 178 | 1331772 | 42.13 | ng | | 99 |
| 71) Anthracene | 11.42 | 178 | 1303067 | 40.04 | ng | | 100 |
| 72) Carbazole | 11.57 | 167 | 1135292 | 35.23 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.91 | 149 | 1474666 | 42.52 | ng | | 100 |
| 74) Fluoranthene | 12.55 | 202 | 1194866 | 36.77 | ng | | 99 |
| 76) Benzidine | 12.67 | 184 | 367814 | 24.95 | ng | # | 94 |
| 77) Pyrene | 12.78 | 202 | 1203529 | 43.04 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 535332 | 42.83 | ng | | 94 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 822195 | 39.06 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.92 | 252 | 268944 | 33.91 | ng | | 96 |
| 82) Chrysene | 13.99 | 228 | 779724 | 37.07 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 653990 | 43.44 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.57 | 149 | 1117464 | 40.68 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.73 | 276 | 745658 | 43.30 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.97 | 252 | 1025698m | 43.98 | ng | | |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 611249m | 35.50 | ng | | |
| 89) Benzo(a)pyrene | 15.32 | 252 | 781455 | 41.33 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.76 | 278 | 638898 | 40.69 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.15 | 276 | 595586 | 38.22 | ng | | 94 |

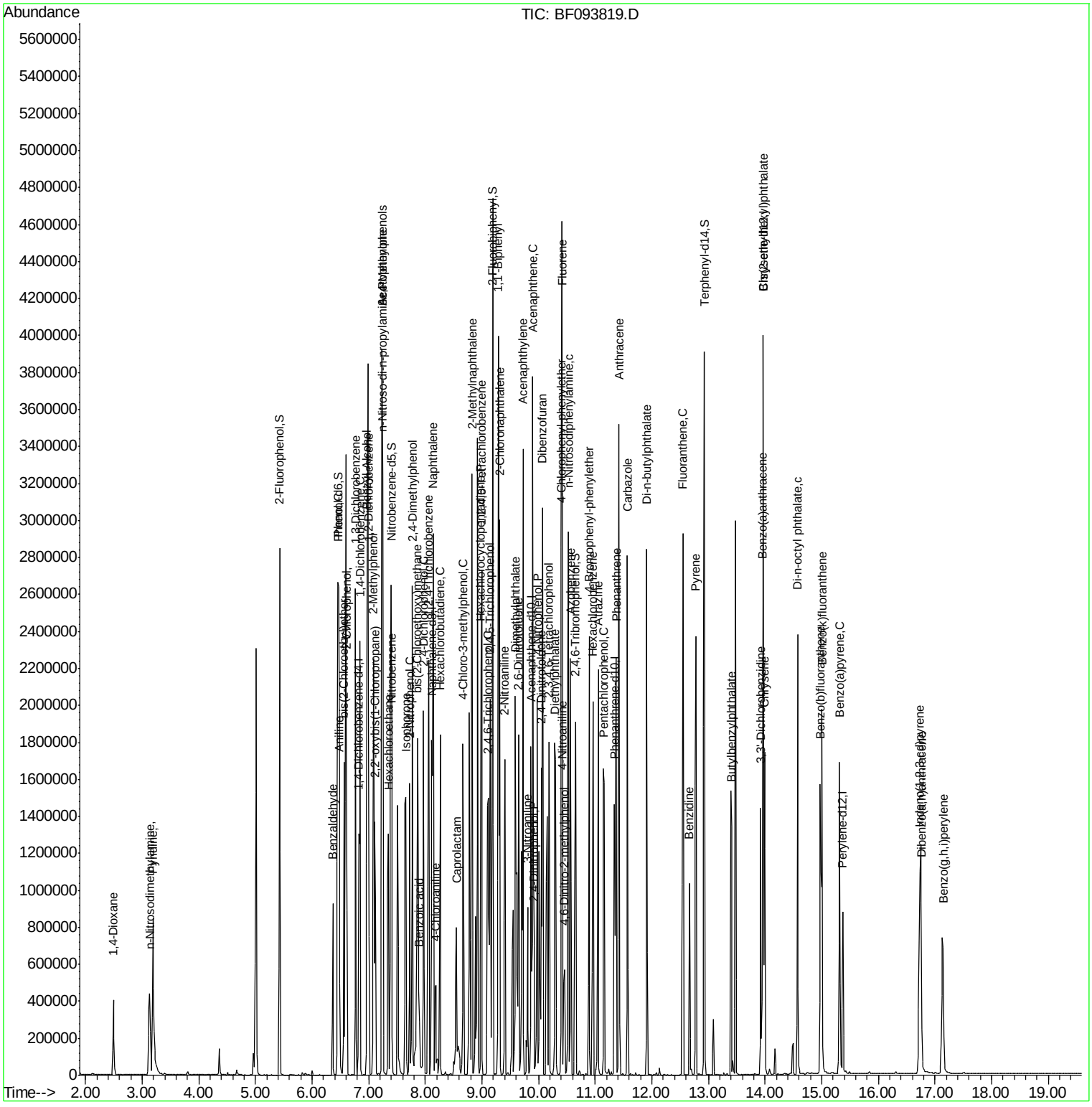
(#) = qualifier out of range (m) = manual integration (+) = signals summed

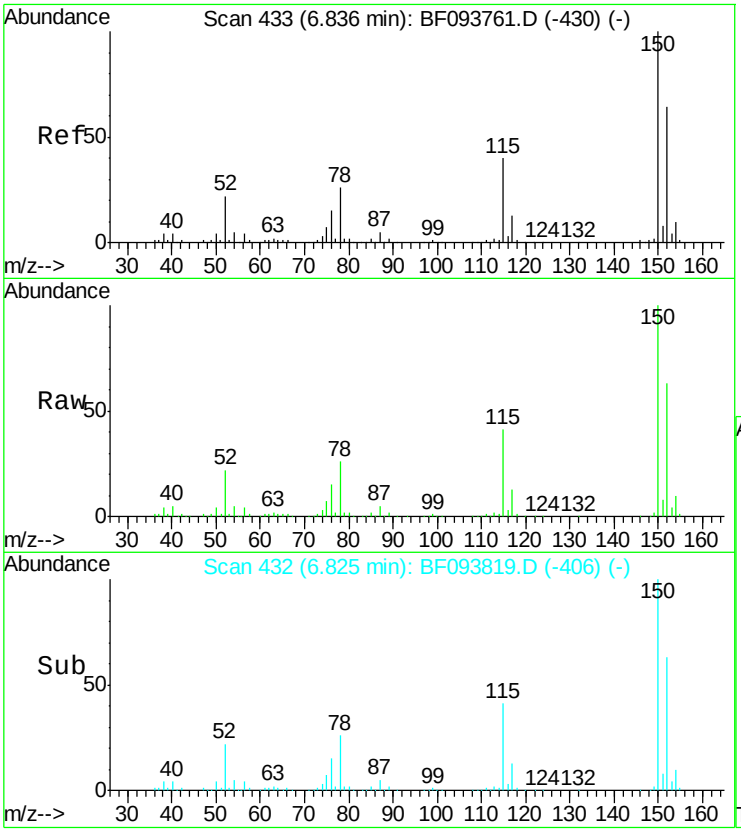
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093819.D
Acq On : 22 Mar 2017 6:24
Operator : SJ/MA
Sample : PB97716BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Quant Time: Mar 22 07:39:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration



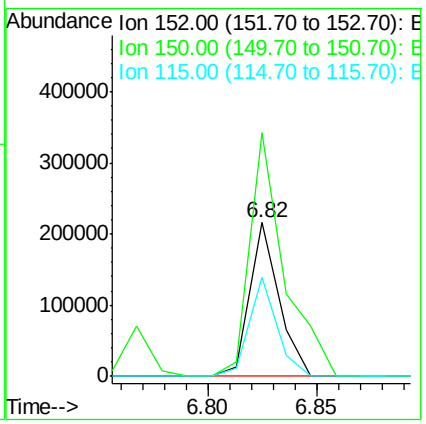


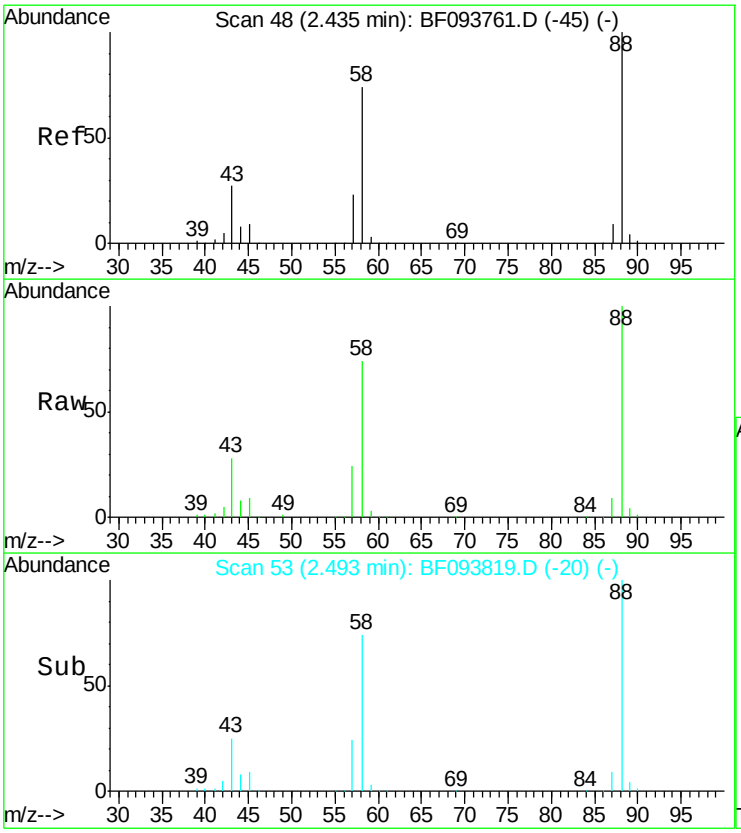

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:152 Resp: 200671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.7 | 126.2 | 189.2 |
| 115 | 64.7 | 52.2 | 78.2 |

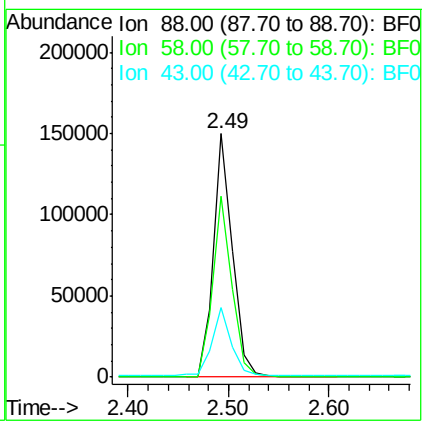


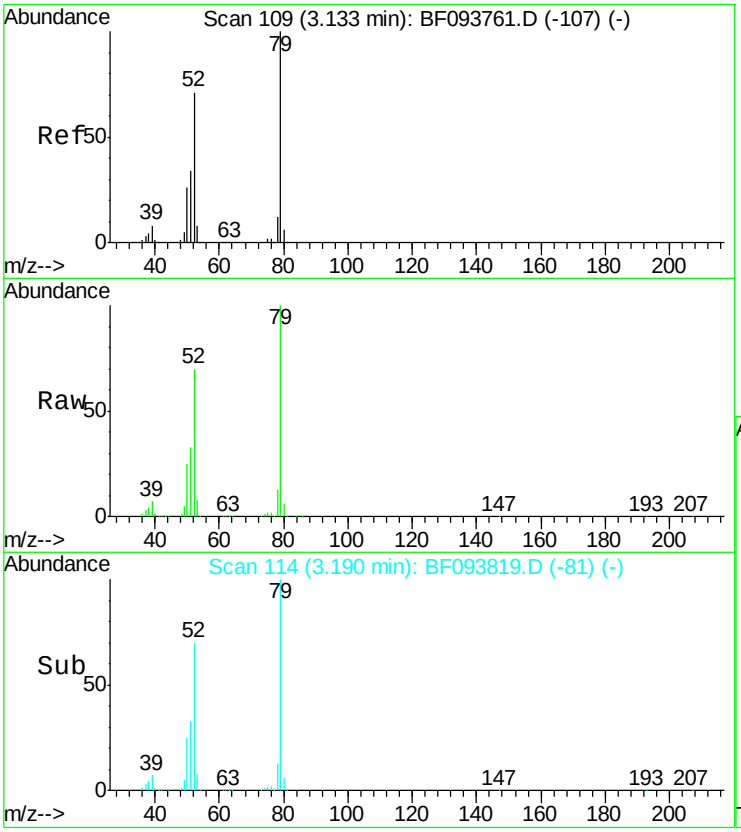




#2
1,4-Dioxane
Concen: 34.04 ng
RT: 2.49 min Scan# 53
Delta R.T. 0.08 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 88 Resp: 197927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.0 | 61.4 | 92.0 |
| 43 | 27.9 | 23.4 | 35.0 |



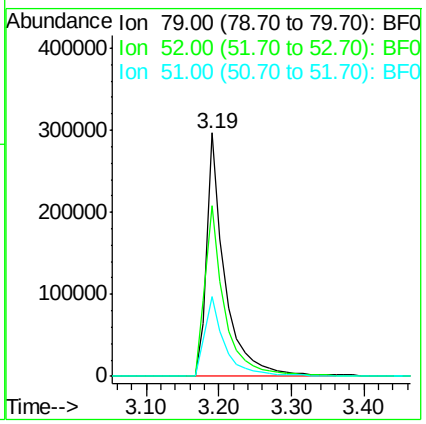


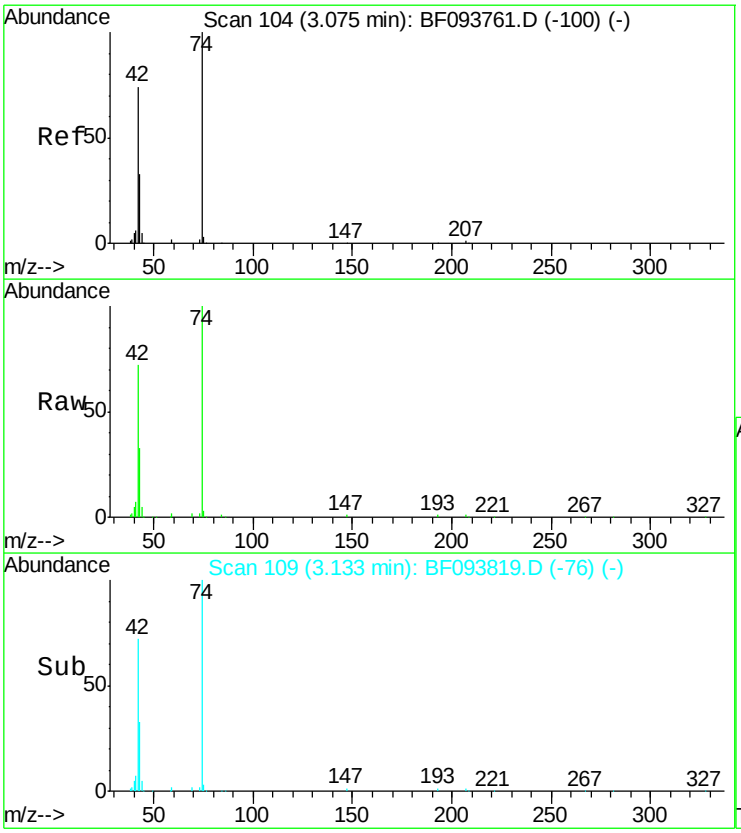

#3
Pyridine
Concen: 33.26 ng
RT: 3.19 min Scan# 114
Delta R.T. 0.08 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 79 Resp: 518098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 70.2 | 54.8 | 82.2 |
| 51 | 33.0 | 27.0 | 40.4 |

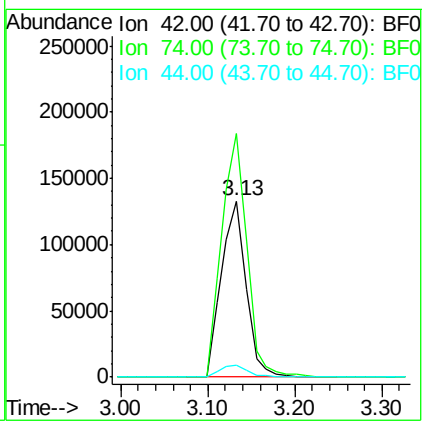


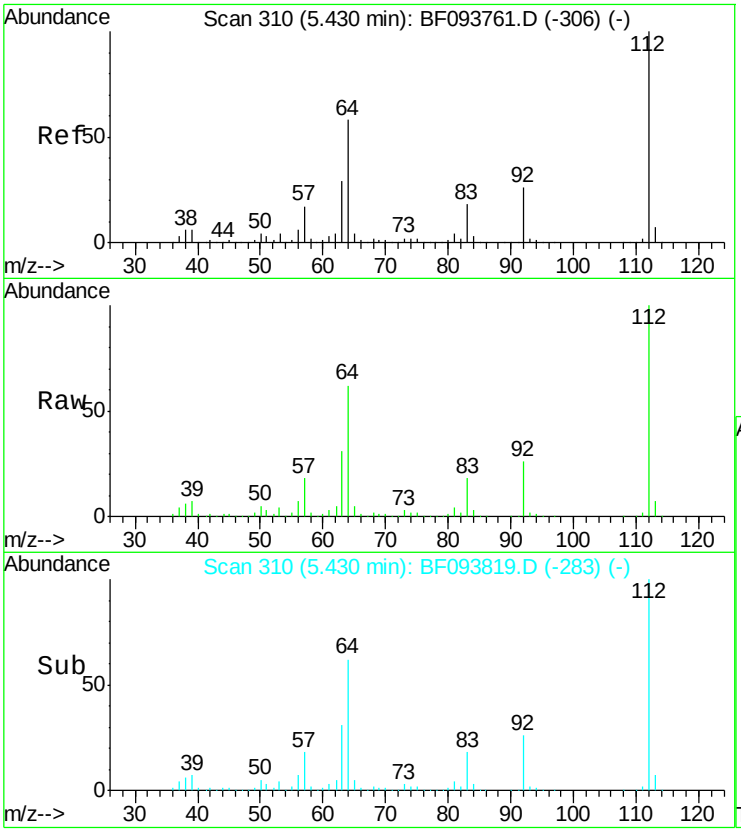




#4
n-Nitrosodimethylamine
Concen: 39.31 ng
RT: 3.13 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 42 Resp: 264068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 138.4 | 103.9 | 155.9 |
| 44 | 6.5 | 5.7 | 8.5 |



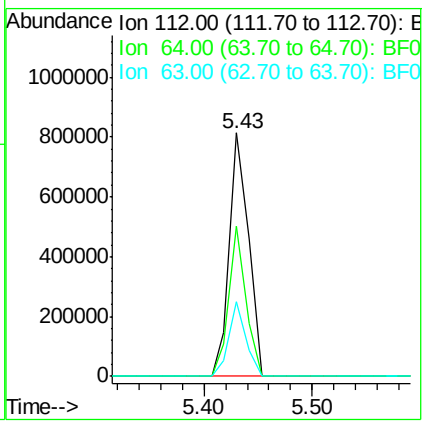


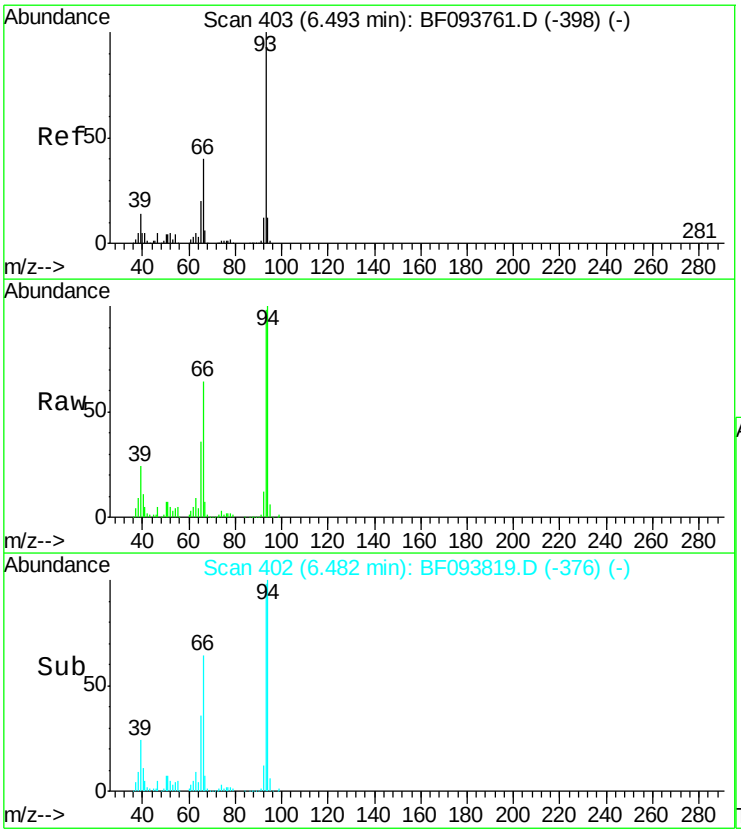

#5
2-Fluorophenol
Concen: 85.34 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:112 Resp: 979328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.7 | 46.0 | 69.0 |
| 63 | 30.6 | 23.4 | 35.0 |

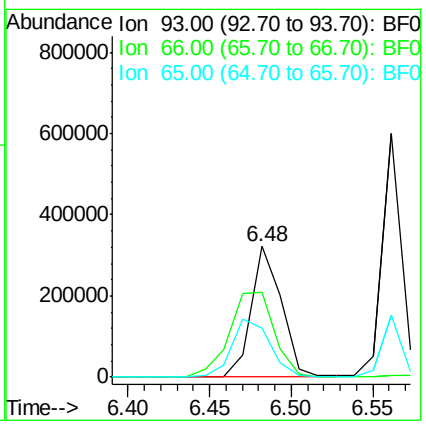


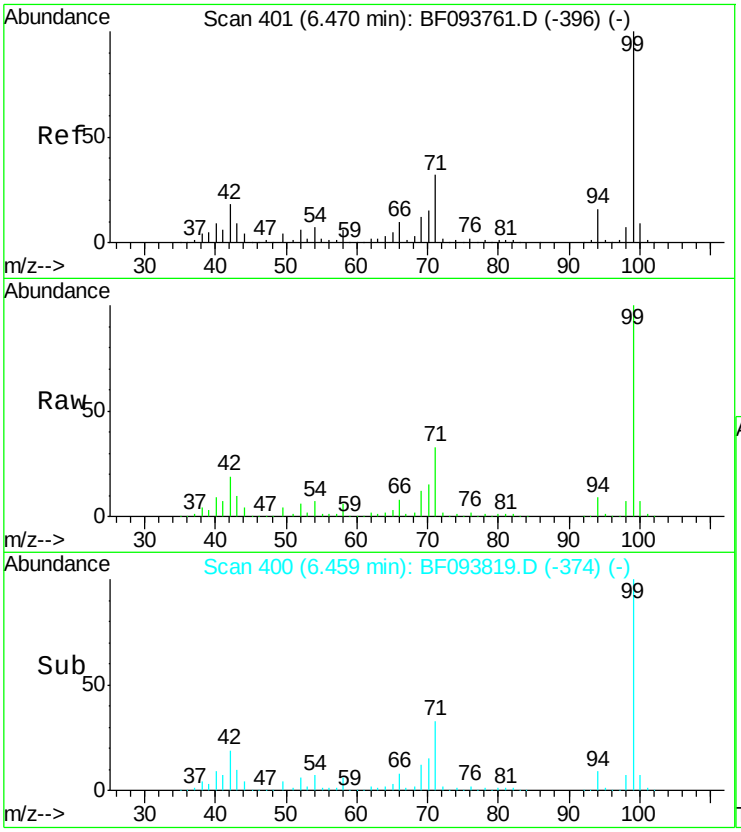




#6
Aniline
Concen: 21.07 ng
RT: 6.48 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 93 Resp: 417678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 65.2 | 32.9 | 49.3# |
| 65 | 37.2 | 16.0 | 24.0# |



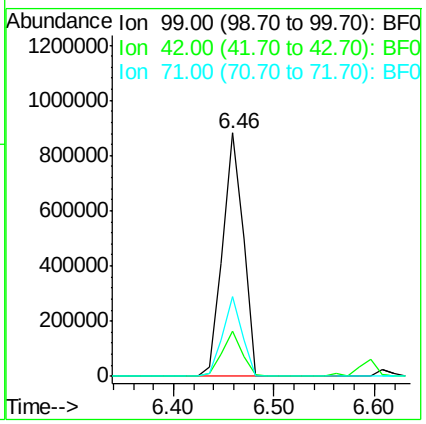


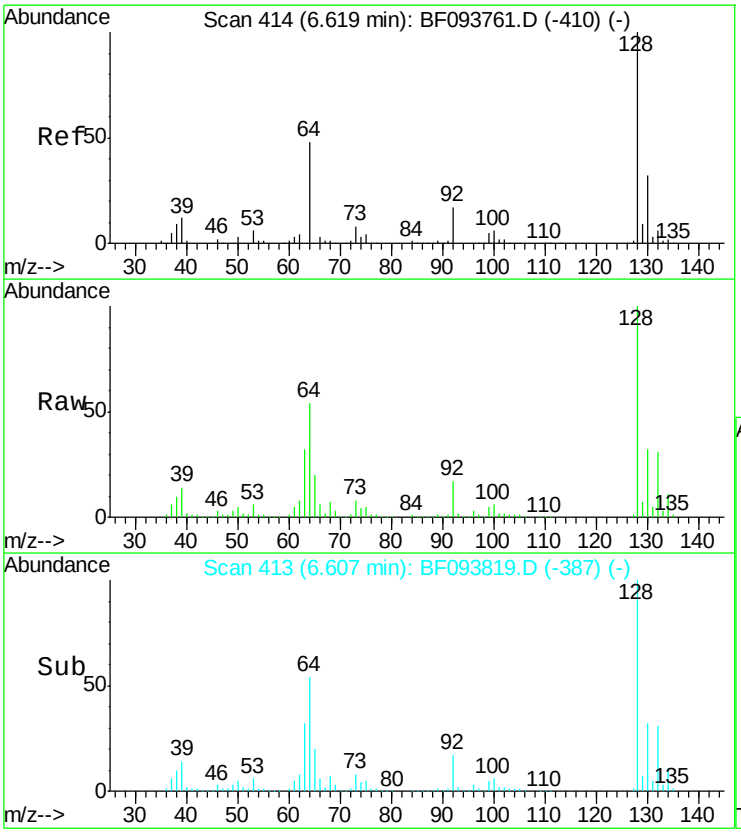

#7
Phenol-d6
Concen: 88.49 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 99 Resp: 1254821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 13.5 | 20.3 |
| 71 | 32.7 | 24.5 | 36.7 |

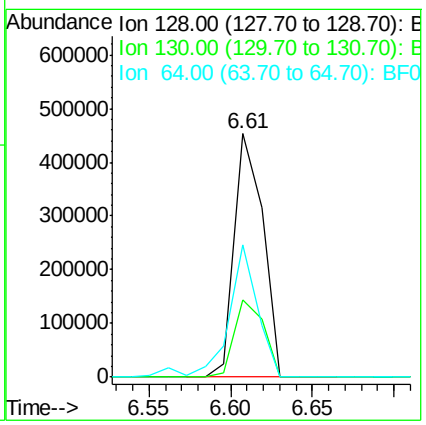


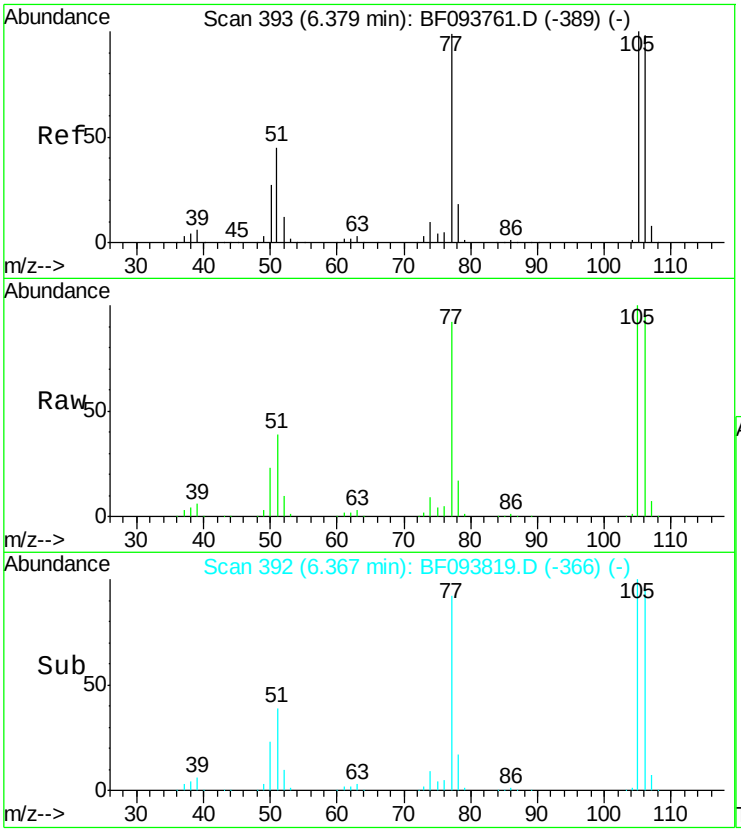




#8
2-Chlorophenol
Concen: 43.29 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:128 Resp: 546454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.8 | 12.9 | 52.9 |
| 64 | 54.3 | 28.4 | 68.4 |



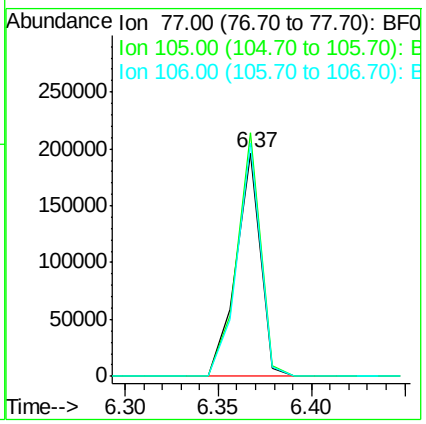


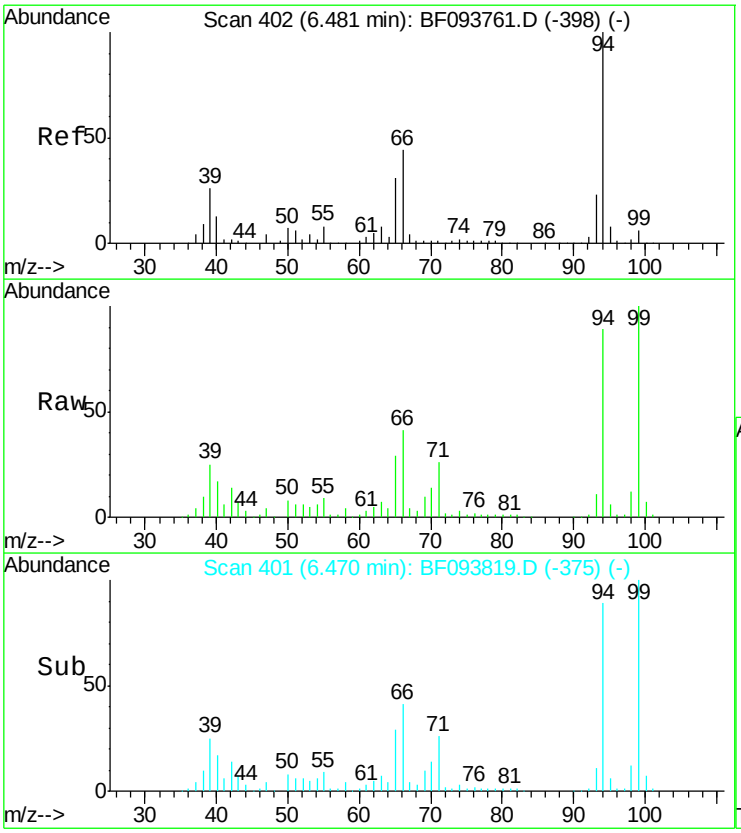

#9
Benzaldehyde
Concen: 18.00 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 77 Resp: 180370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 108.9 | 83.8 | 123.8 |
| 106 | 104.3 | 79.1 | 119.1 |

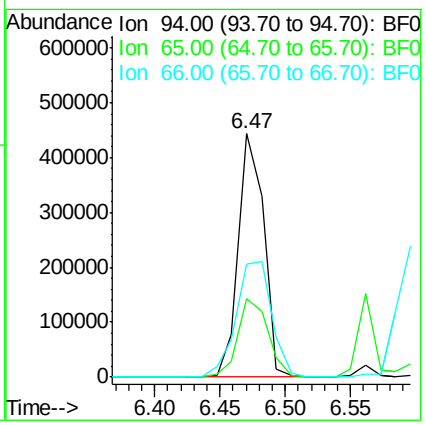


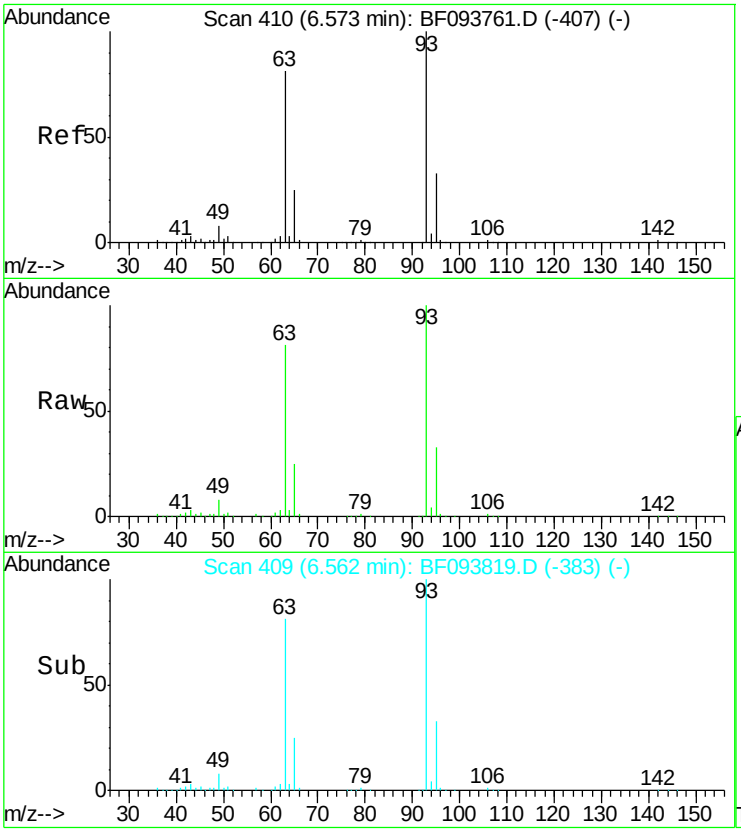




#10
Phenol
Concen: 37.60 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 94 Resp: 599254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.1 | 9.9 | 49.9 |
| 66 | 46.3 | 23.1 | 63.1 |



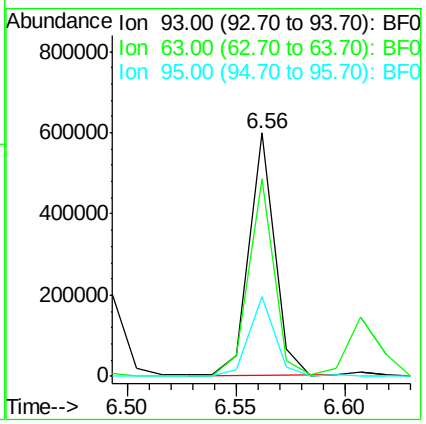


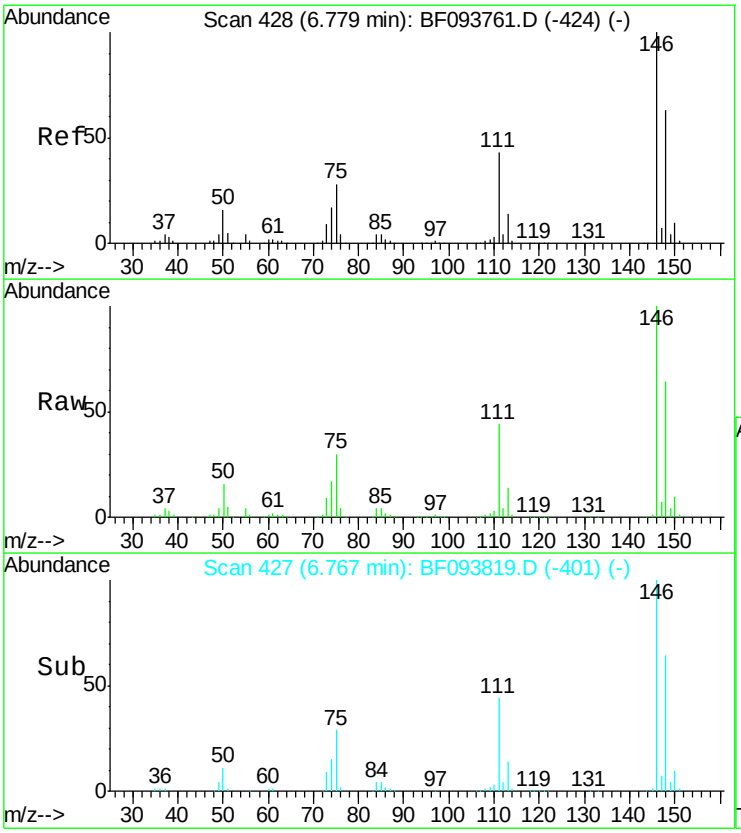

#11
bis(2-Chloroethyl)ether
Concen: 37.88 ng
RT: 6.56 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 93 Resp: 490234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.3 | 59.2 | 99.2 |
| 95 | 32.9 | 12.8 | 52.8 |

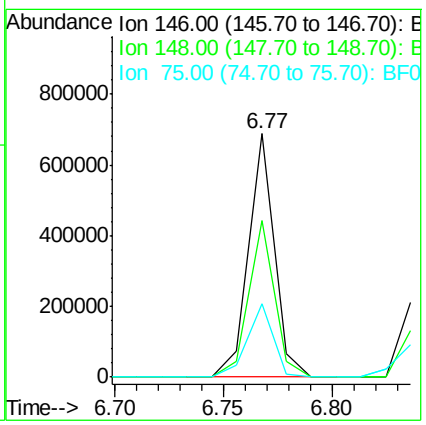


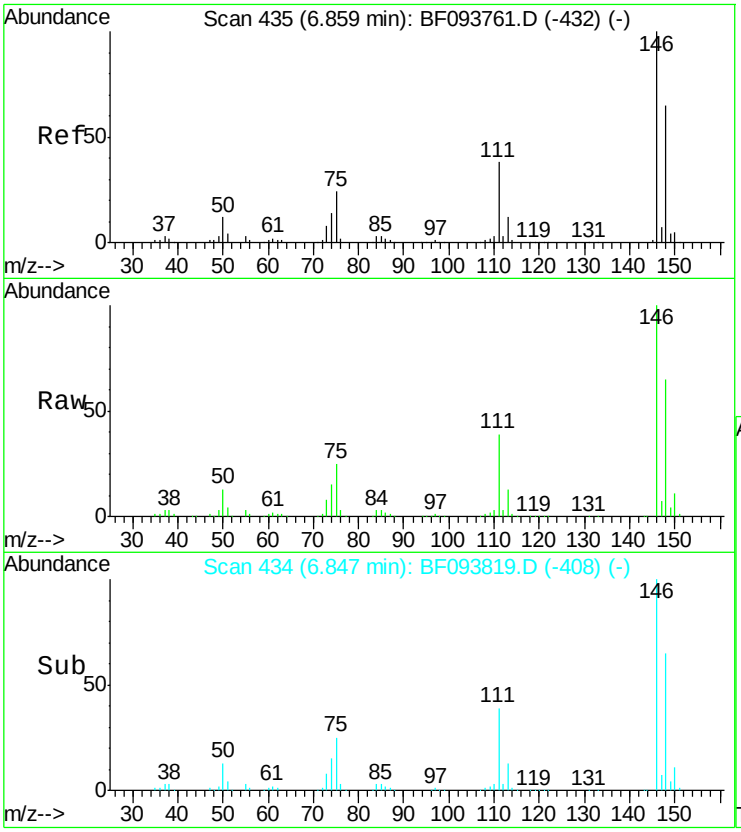




#12
1,3-Dichlorobenzene
Concen: 39.73 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:146 Resp: 568803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.8 | 77.6 |
| 75 | 30.1 | 23.1 | 34.7 |



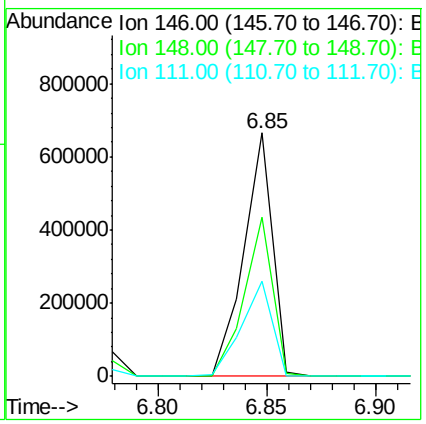


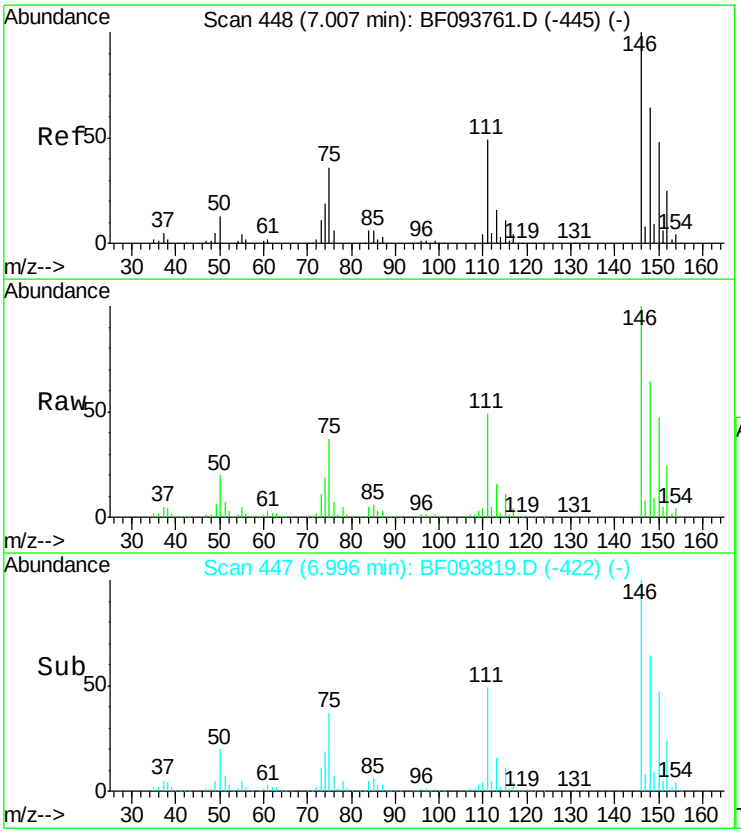

#13
1,4-Dichlorobenzene
Concen: 41.76 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:146 Resp: 609944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.5 | 52.2 | 78.2 |
| 111 | 39.0 | 30.3 | 45.5 |

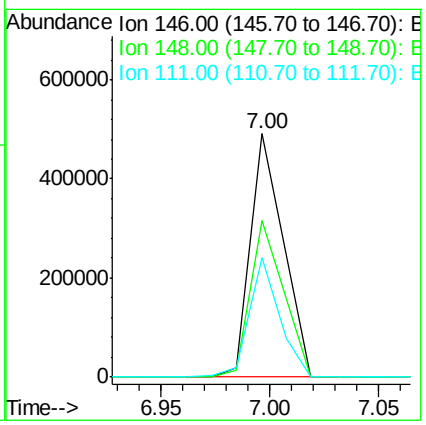


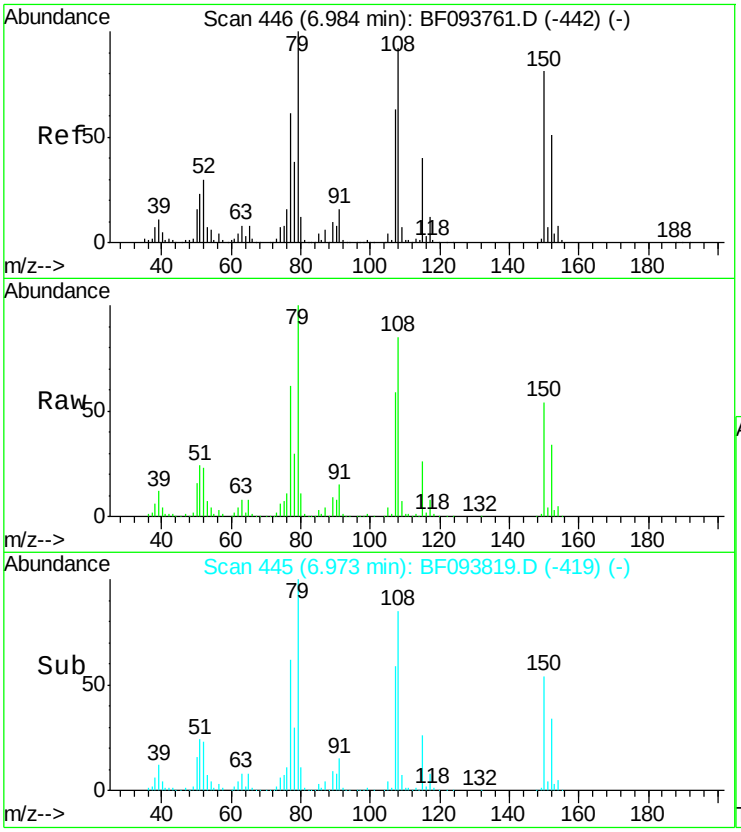




#14
1,2-Dichlorobenzene
Concen: 38.70 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:146 Resp: 518468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.4 | 75.6 |
| 111 | 49.0 | 38.2 | 57.4 |



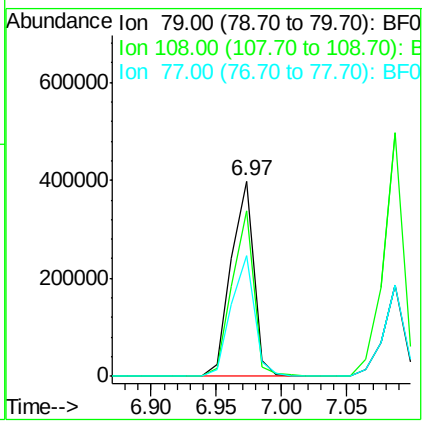


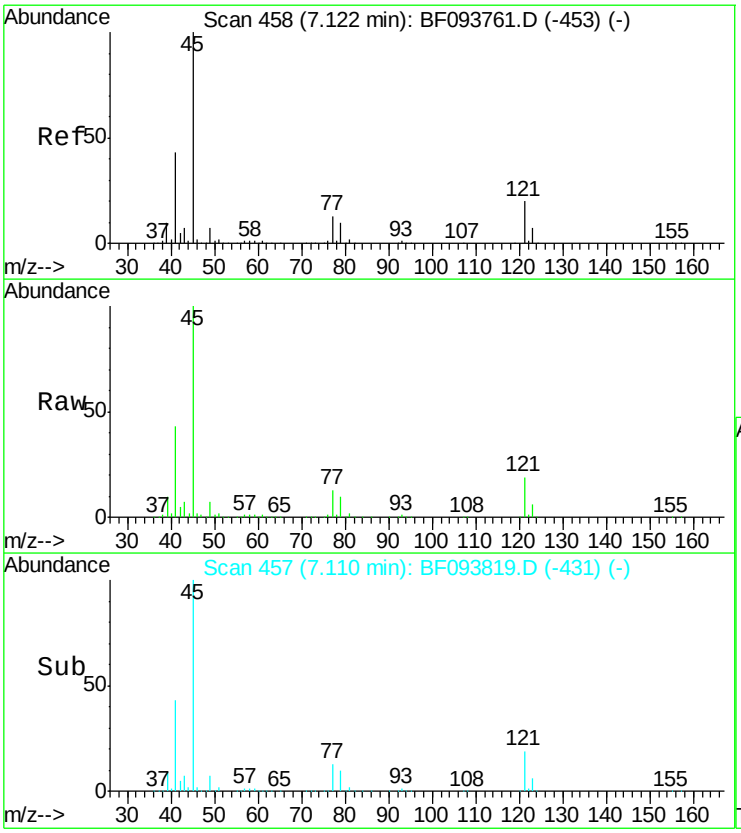

#15
Benzyl Alcohol
Concen: 45.79 ng
RT: 6.97 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 79 Resp: 481114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.9 | 63.4 | 95.0 |
| 77 | 61.7 | 49.2 | 73.8 |

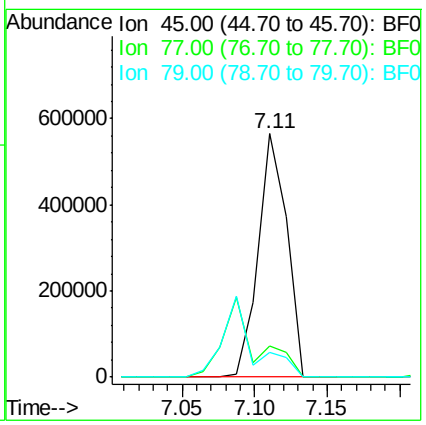


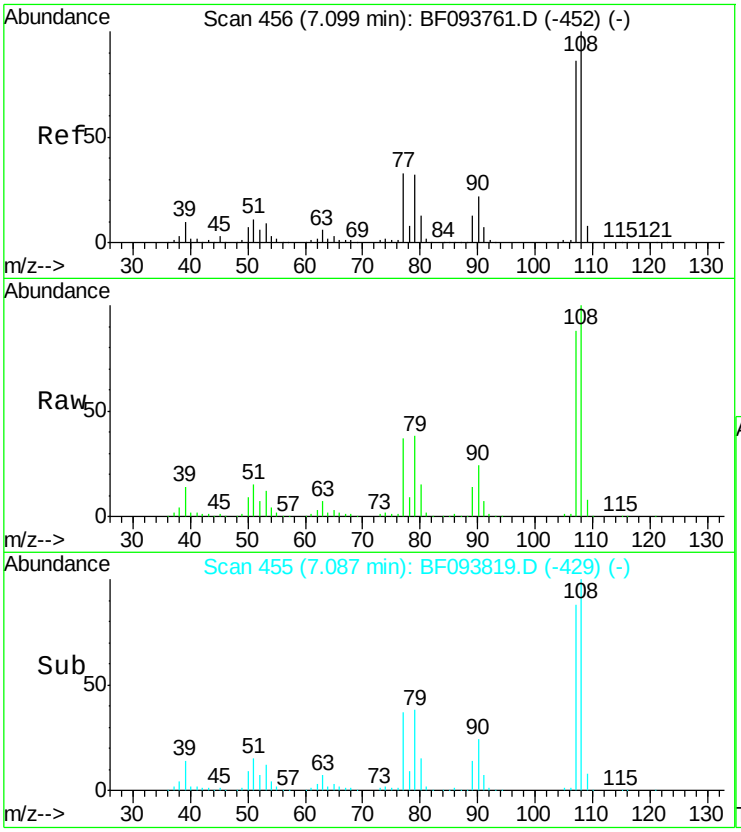




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.28 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 45 Resp: 767104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.7 | 0.0 | 33.2 |
| 79 | 10.2 | 0.0 | 30.0 |



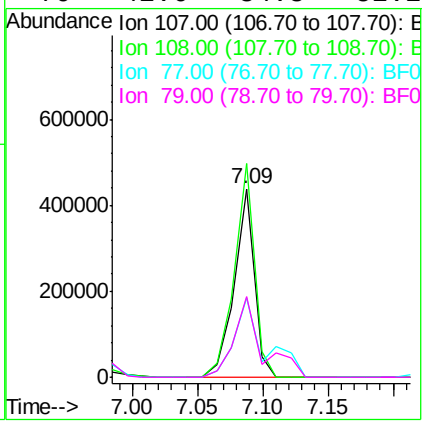


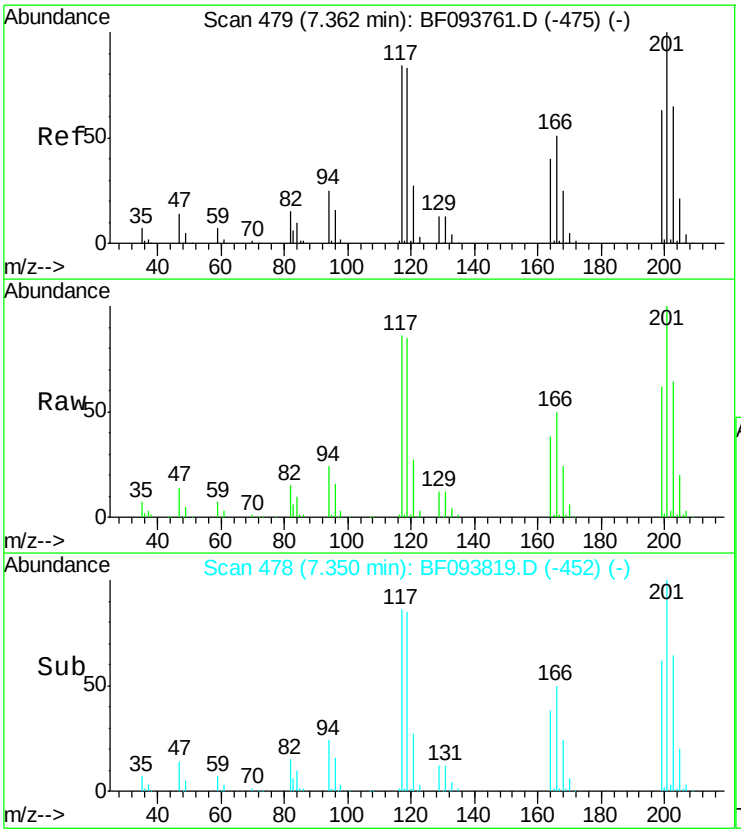

#17
2-Methylphenol
Concen: 42.00 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:107 Resp: 465232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.4 | 93.4 | 140.0 |
| 77 | 42.3 | 35.8 | 53.6 |
| 79 | 42.6 | 34.8 | 52.2 |

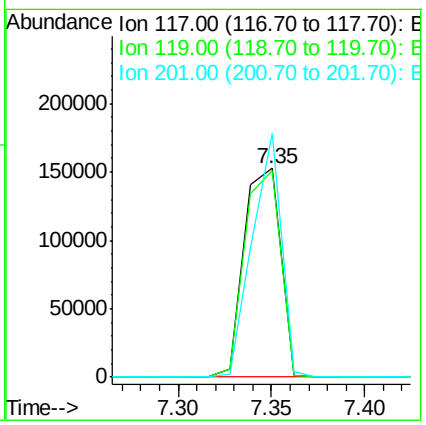


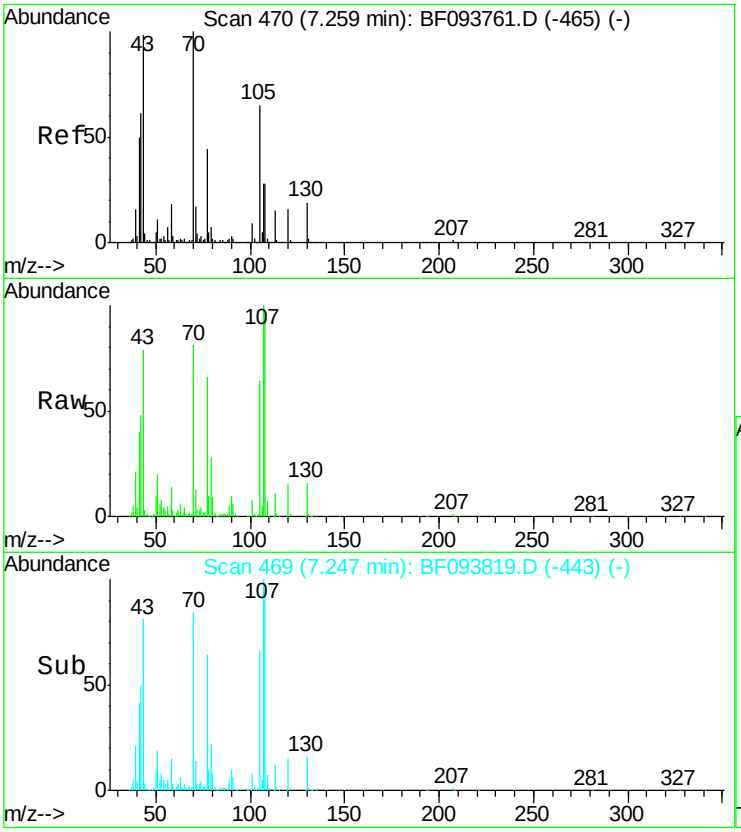




#18
Hexachloroethane
Concen: 39.91 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:117 Resp: 206652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.8 | 77.4 | 116.0 |
| 201 | 116.6 | 94.6 | 141.8 |



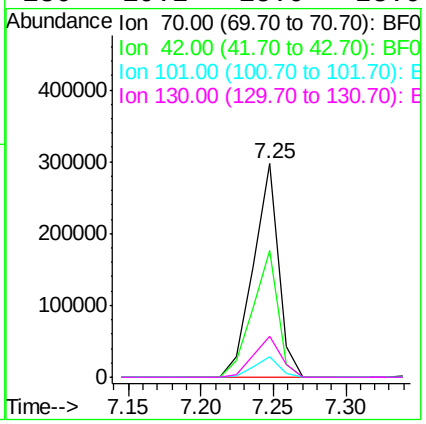


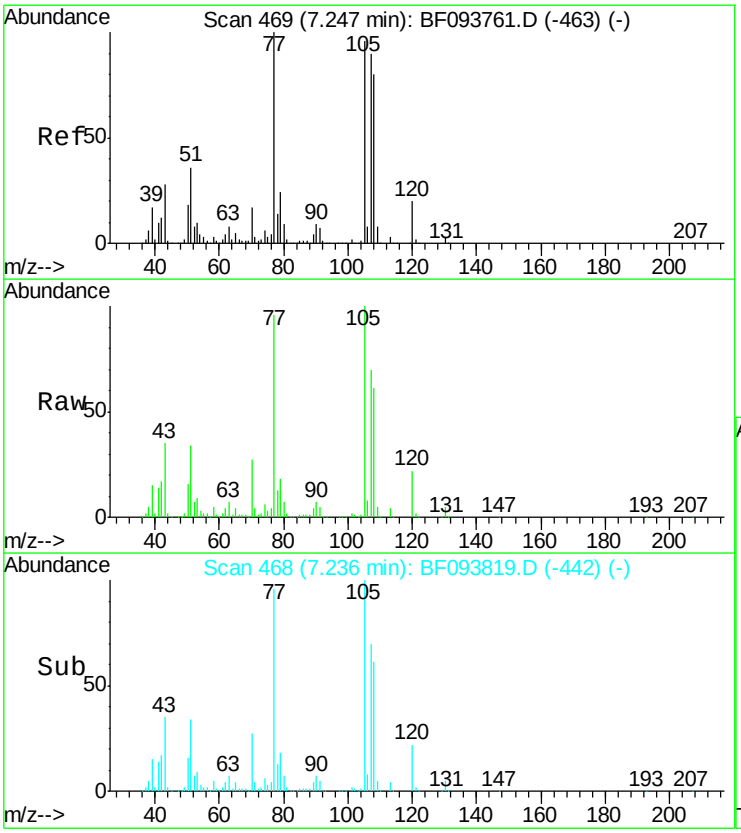

#19
n-Nitroso-di-n-propylamine
Concen: 38.60 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 70 Resp: 358642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.5 | 47.2 | 70.8 |
| 101 | 9.3 | 7.2 | 10.8 |
| 130 | 19.2 | 15.9 | 23.9 |

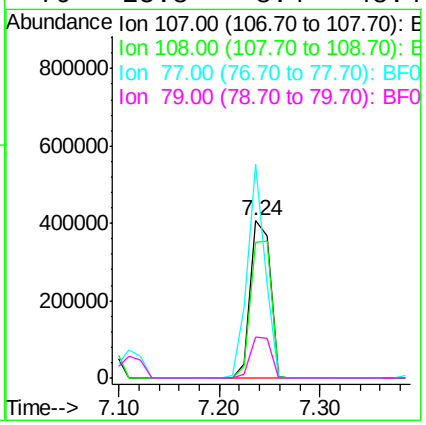


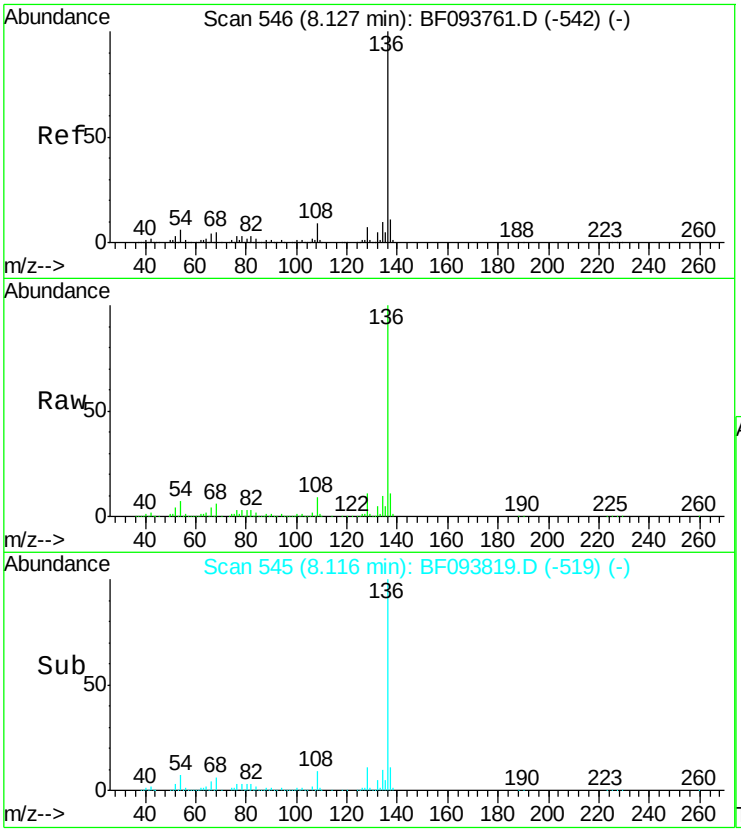




#20
3+4-Methylphenols
Concen: 42.87 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:107 Resp: 562240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.6 | 71.0 | 111.0 |
| 77 | 136.0 | 90.5 | 130.5# |
| 79 | 25.8 | 8.4 | 48.4 |



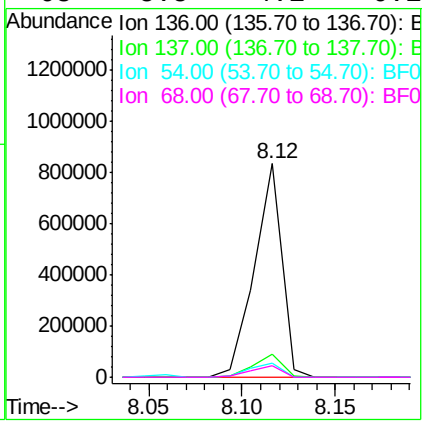


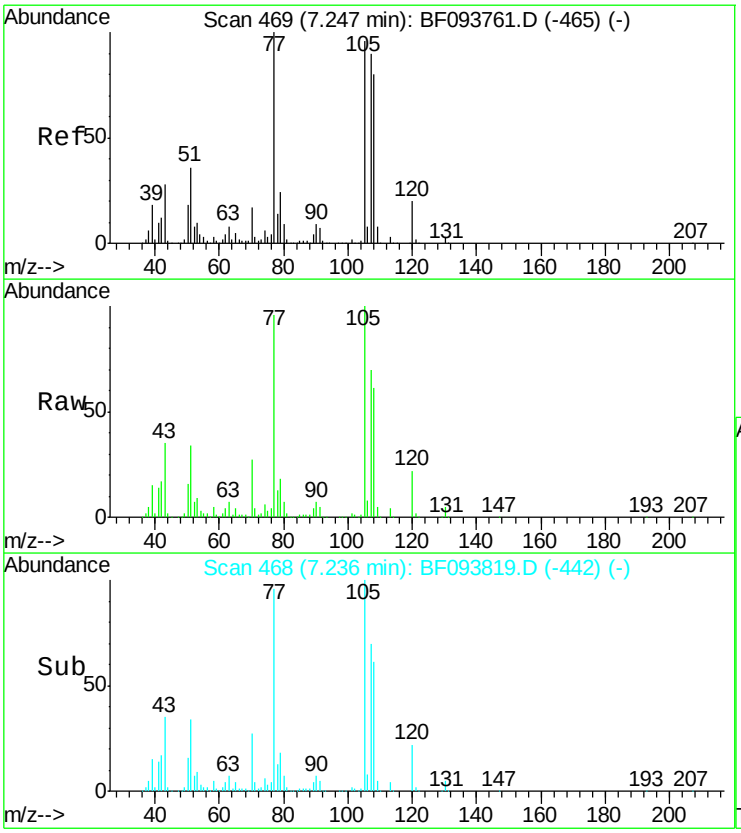

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:136 Resp: 850851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 6.6 | 4.9 | 7.3 |
| 68 | 5.5 | 4.1 | 6.1 |

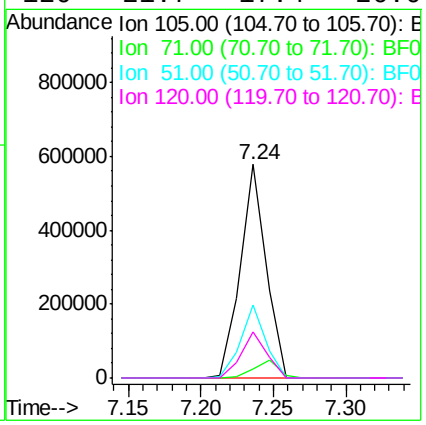


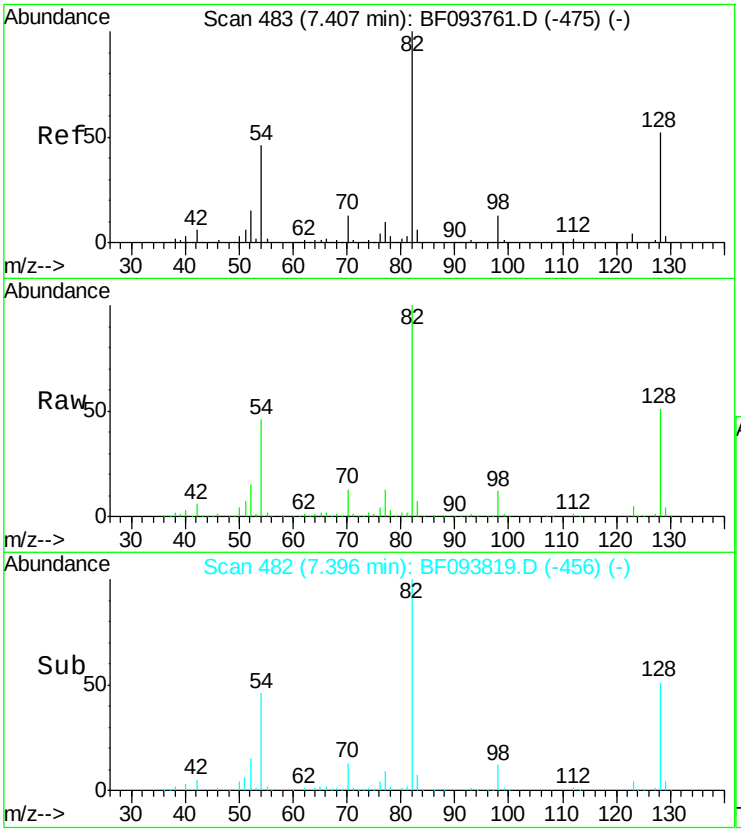




#22
Acetophenone
Concen: 38.51 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:105 Resp: 709460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.3 | 2.8 | 4.2# |
| 51 | 34.5 | 30.7 | 46.1 |
| 120 | 21.7 | 17.4 | 26.0 |



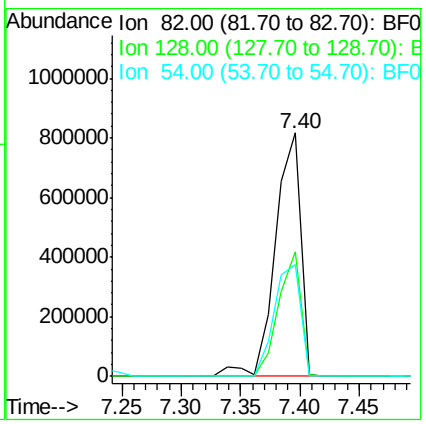


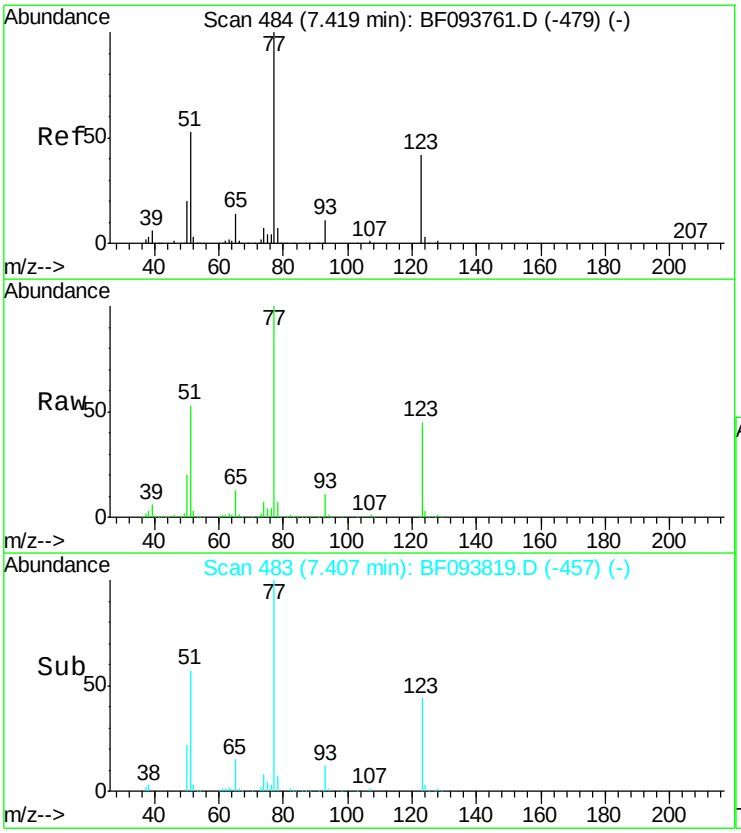

#23
Nitrobenzene-d5
Concen: 80.17 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 82 Resp: 1202493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.1 | 34.0 | 51.0# |
| 54 | 46.1 | 42.2 | 63.2 |

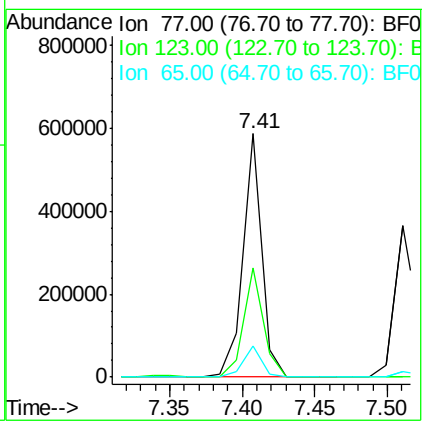


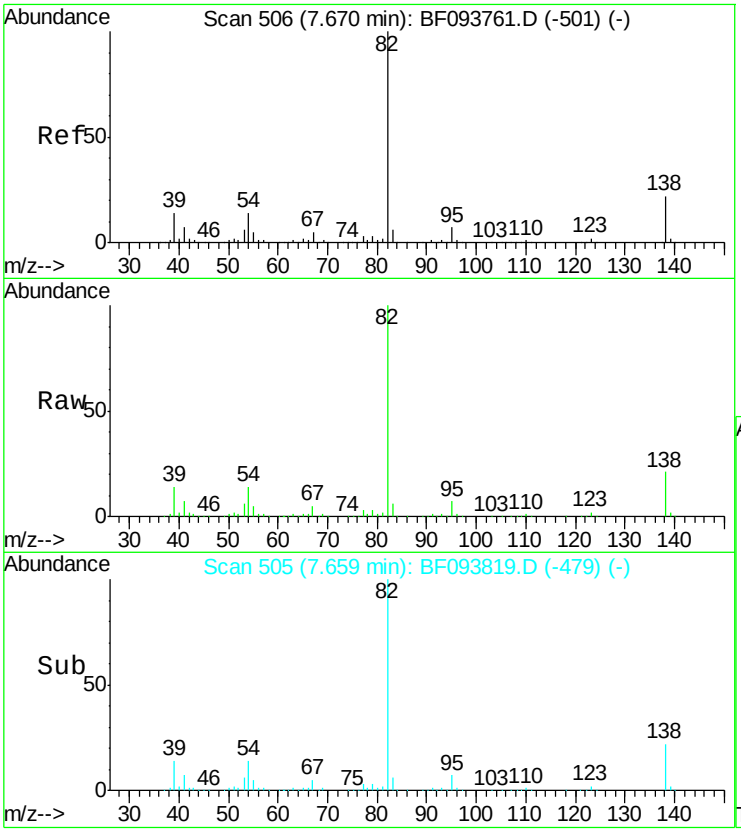




#24
Nitrobenzene
Concen: 36.77 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 77 Resp: 526945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.6 | 35.8 | 53.8 |
| 65 | 13.0 | 10.6 | 15.8 |



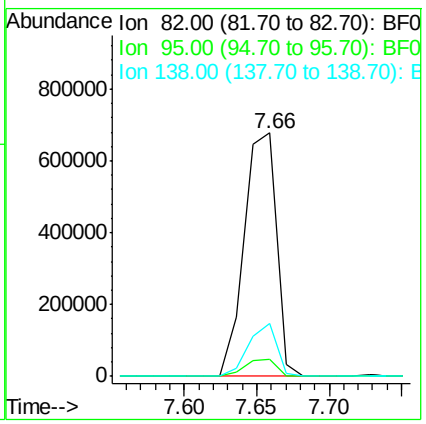


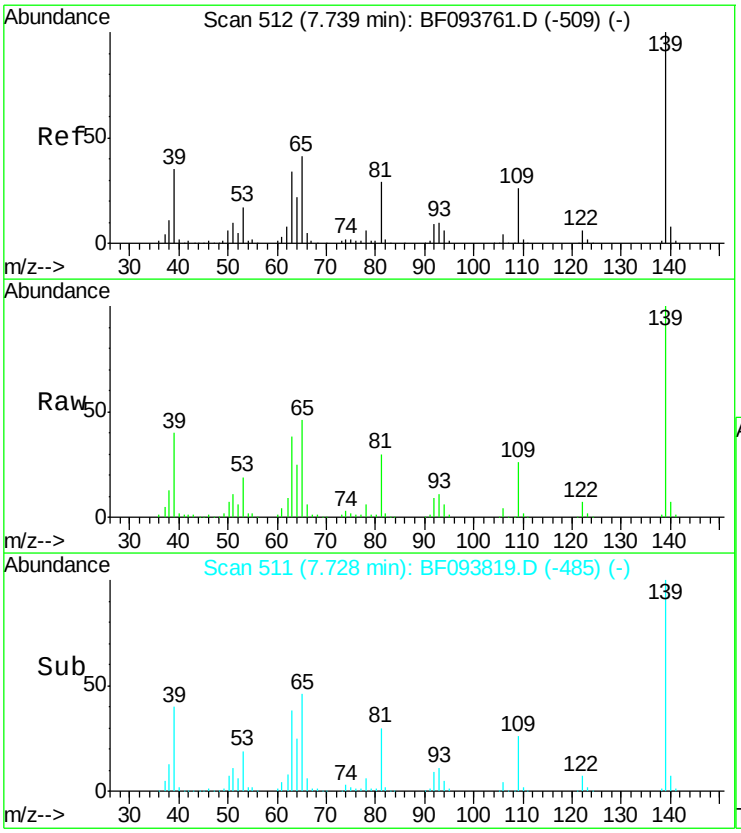

#25
Isophorone
Concen: 39.47 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 82 Resp: 1048732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.3 | 7.9 |
| 138 | 21.5 | 13.1 | 19.7# |

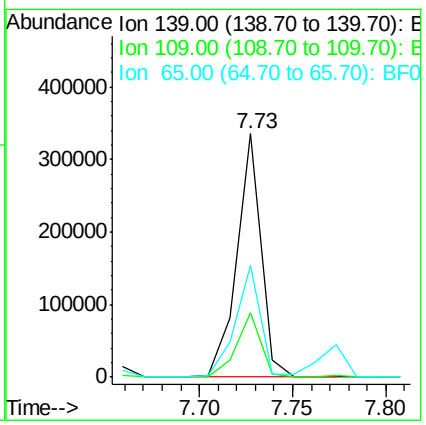


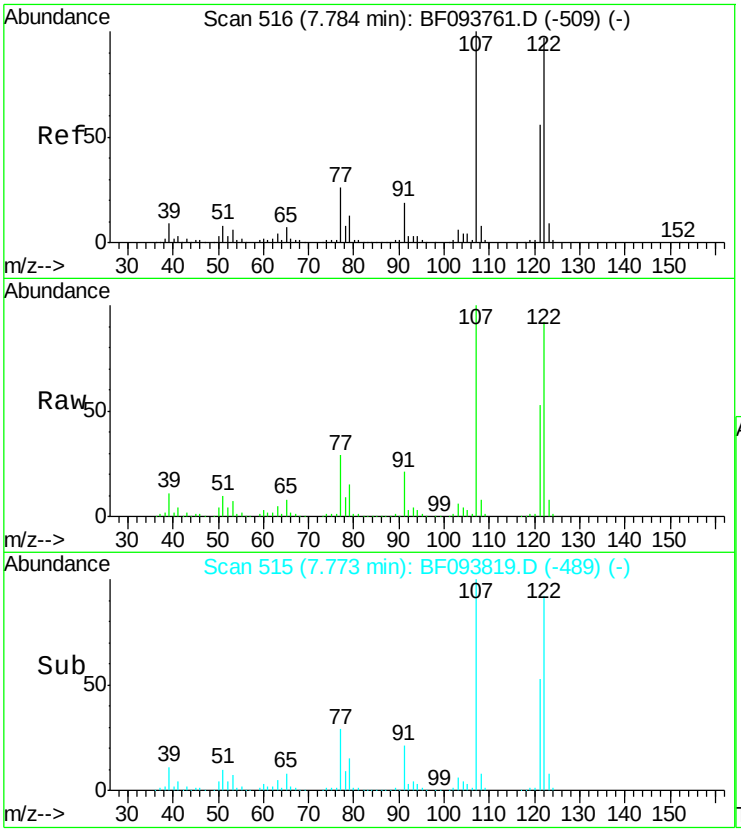




#26
2-Nitrophenol
Concen: 46.98 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:139 Resp: 304425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.2 | 21.0 | 31.6 |
| 65 | 46.2 | 33.0 | 49.6 |



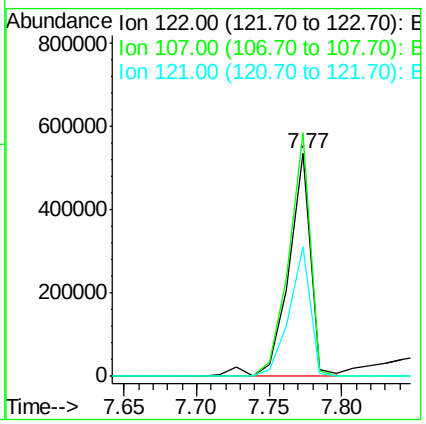


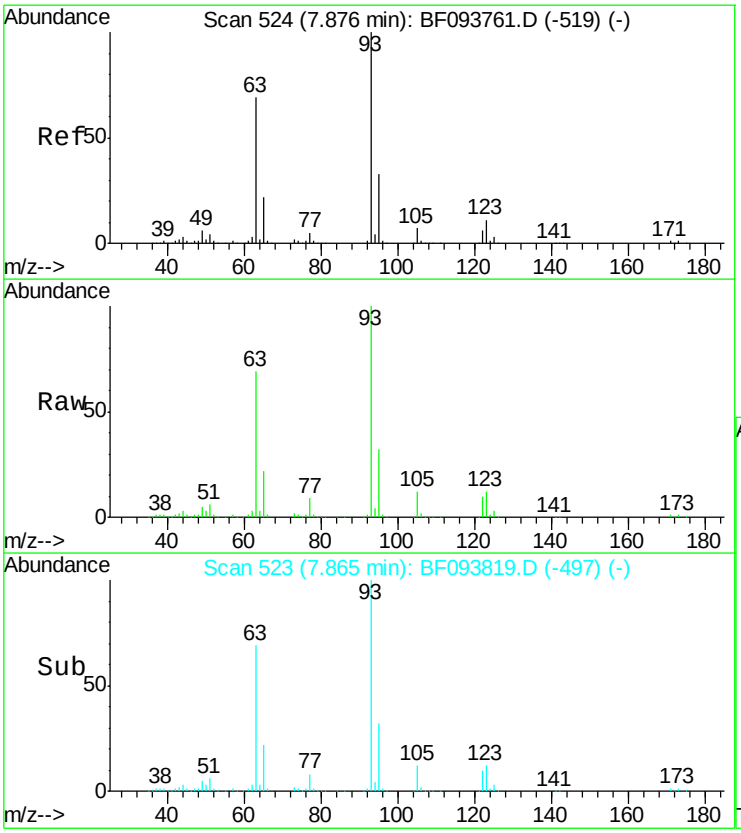

#27
2,4-Dimethylphenol
Concen: 42.47 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:122 Resp: 566037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.3 | 89.2 | 133.8 |
| 121 | 58.1 | 45.2 | 67.8 |

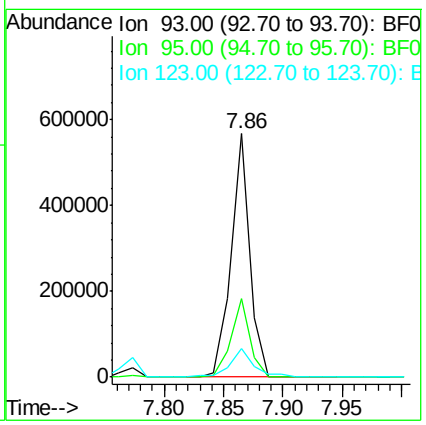


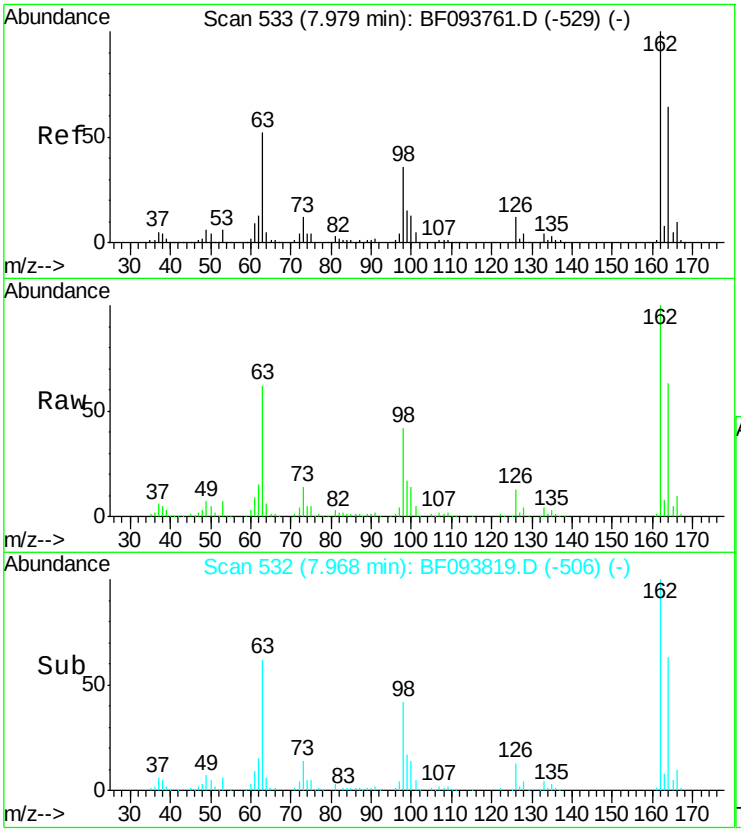




#28
bis(2-Chloroethoxy)methane
Concen: 36.26 ng
RT: 7.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 93 Resp: 619960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 26.5 | 39.7 |
| 123 | 11.5 | 9.0 | 13.4 |



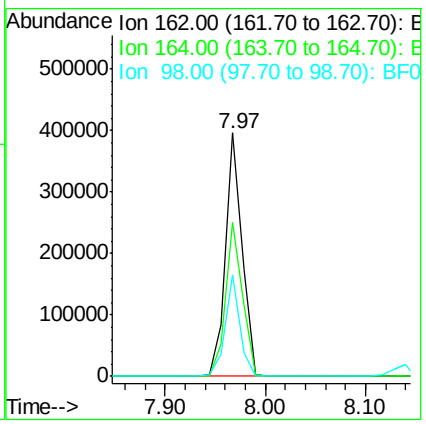


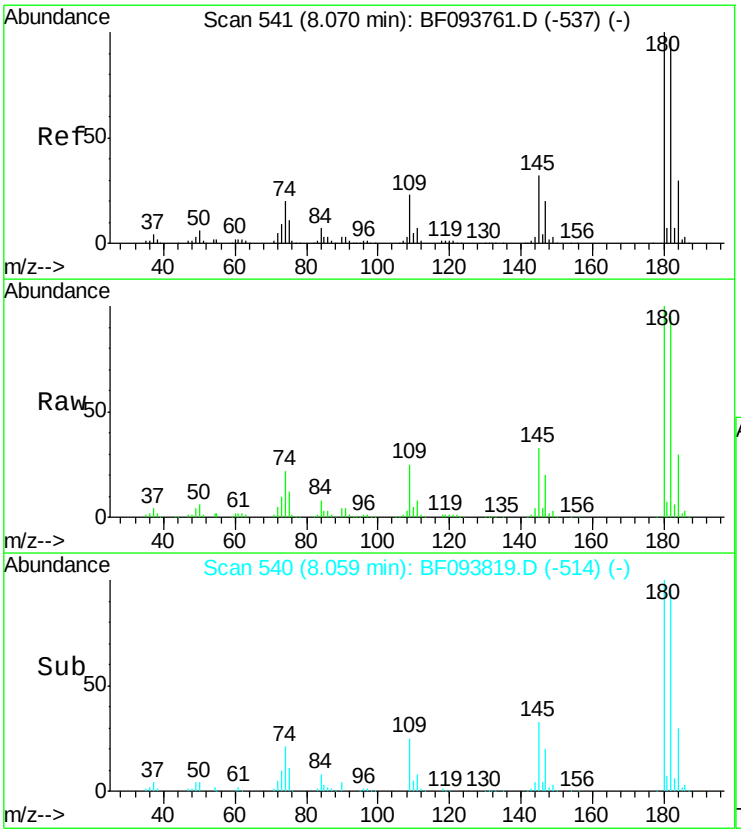

#29
2,4-Dichlorophenol
Concen: 40.15 ng
RT: 7.97 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:162 Resp: 455444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.2 | 44.6 | 84.6 |
| 98 | 41.8 | 14.8 | 54.8 |

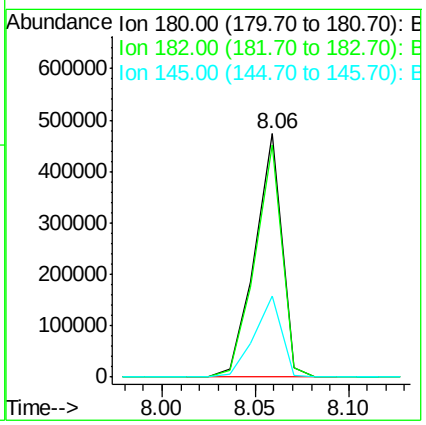


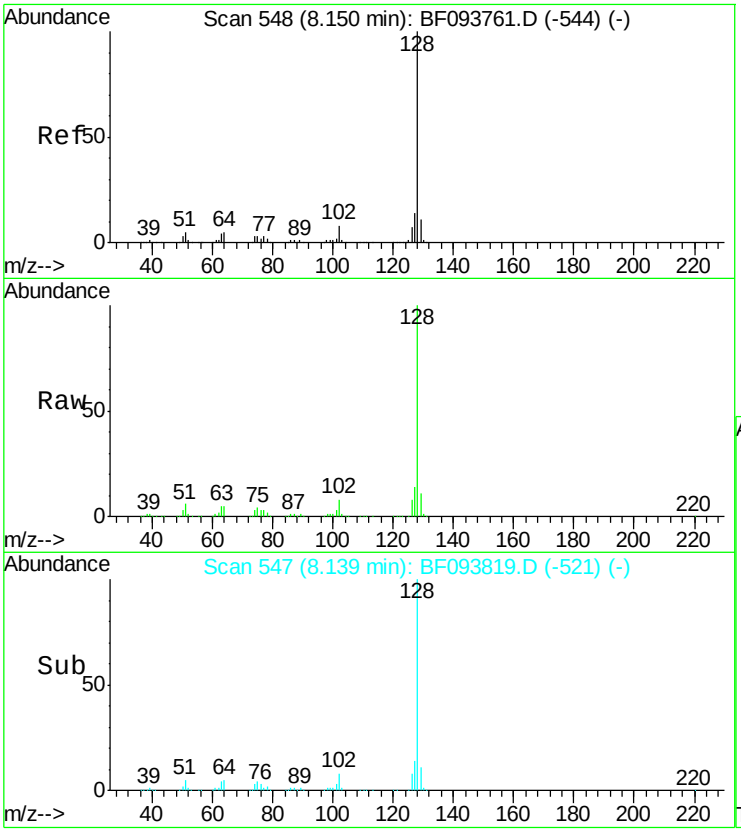




#30
1,2,4-Trichlorobenzene
Concen: 40.24 ng
RT: 8.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:180 Resp: 474062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 75.8 | 113.6 |
| 145 | 33.1 | 25.3 | 37.9 |



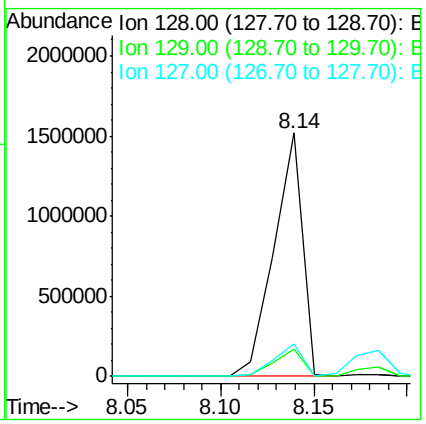


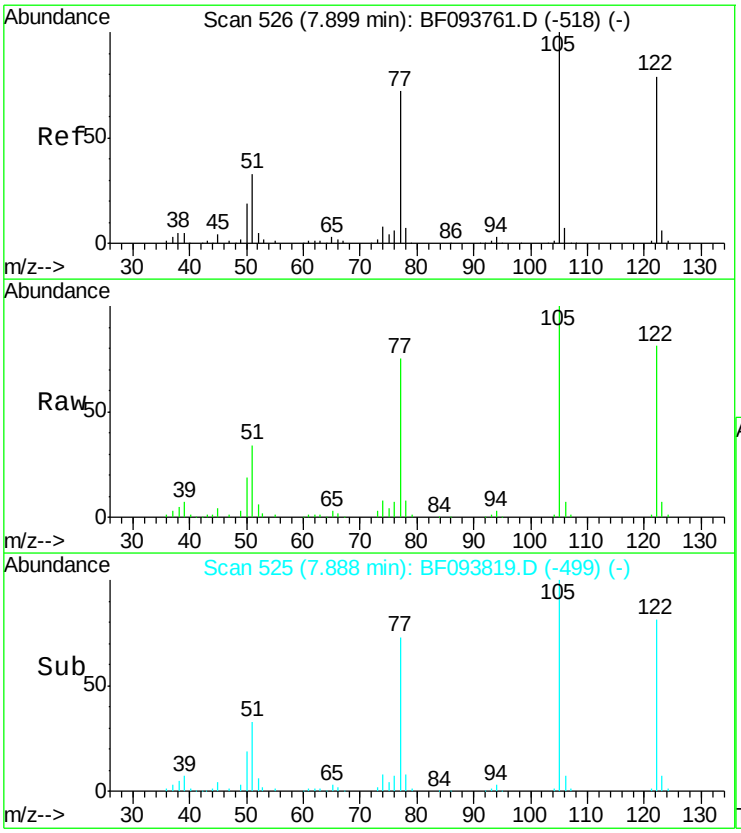

#31
Naphthalene
Concen: 41.01 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:128 Resp: 1619567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.6 |
| 127 | 13.5 | 10.8 | 16.2 |

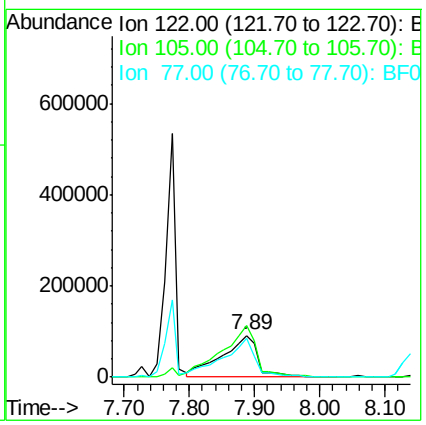


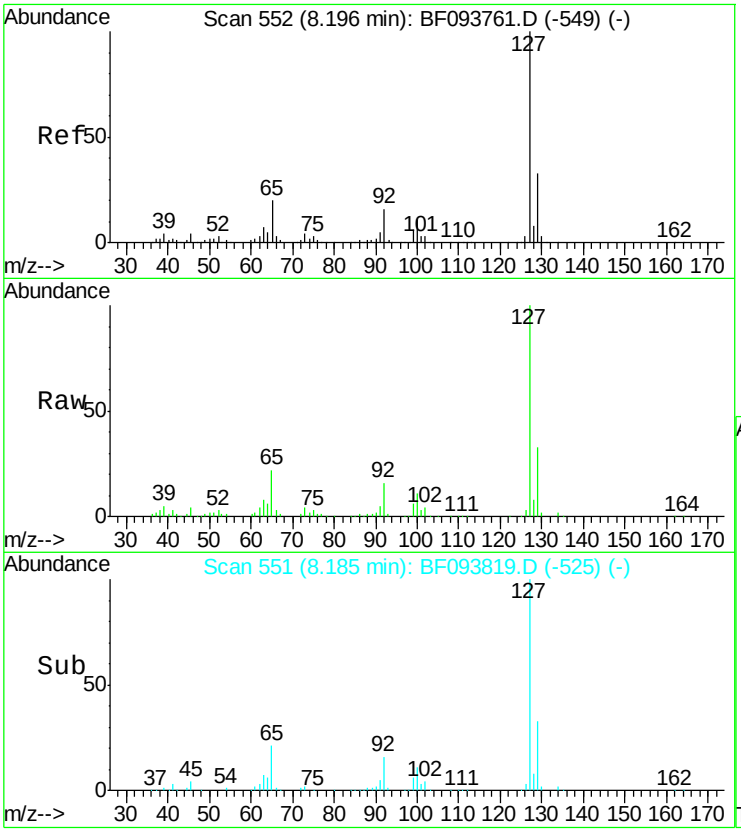




#32
Benzoic acid
Concen: 41.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:122 Resp: 339785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.1 | 103.3 | 143.3 |
| 77 | 92.8 | 73.7 | 113.7 |



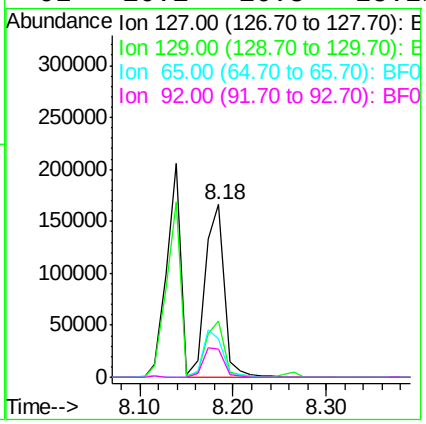


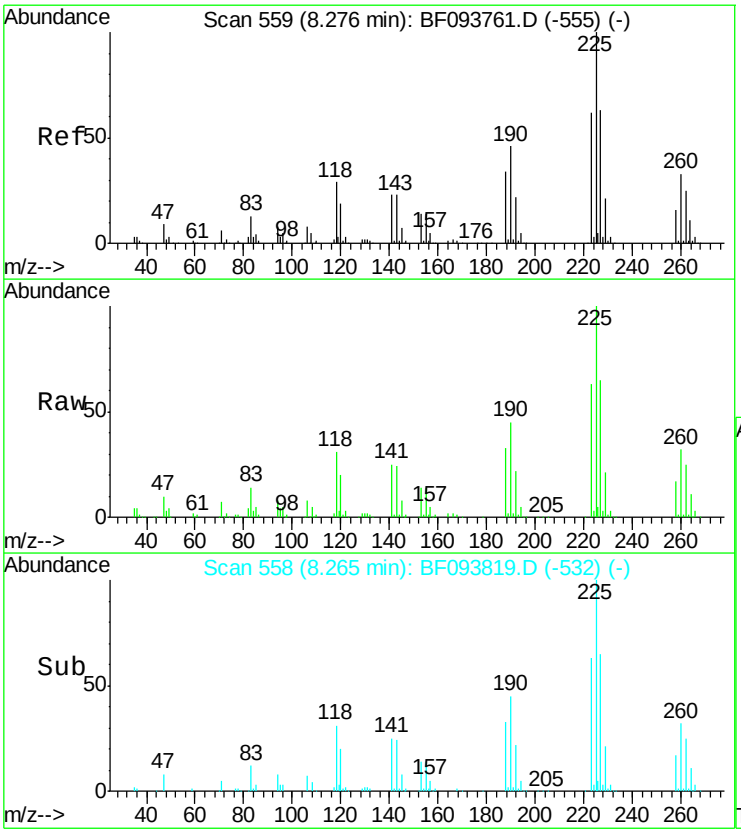

#33
4-Chloroaniline
Concen: 13.87 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:127 Resp: 235394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.0 | 26.2 | 39.2 |
| 65 | 22.4 | 27.8 | 41.8# |
| 92 | 16.1 | 16.8 | 25.2# |

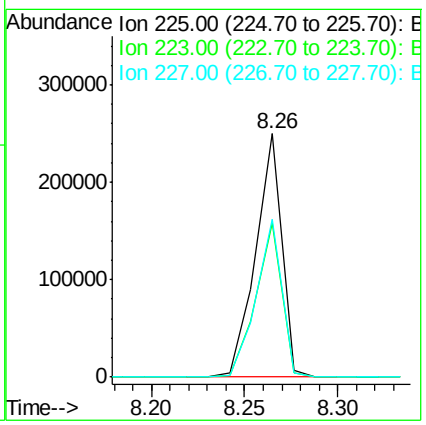


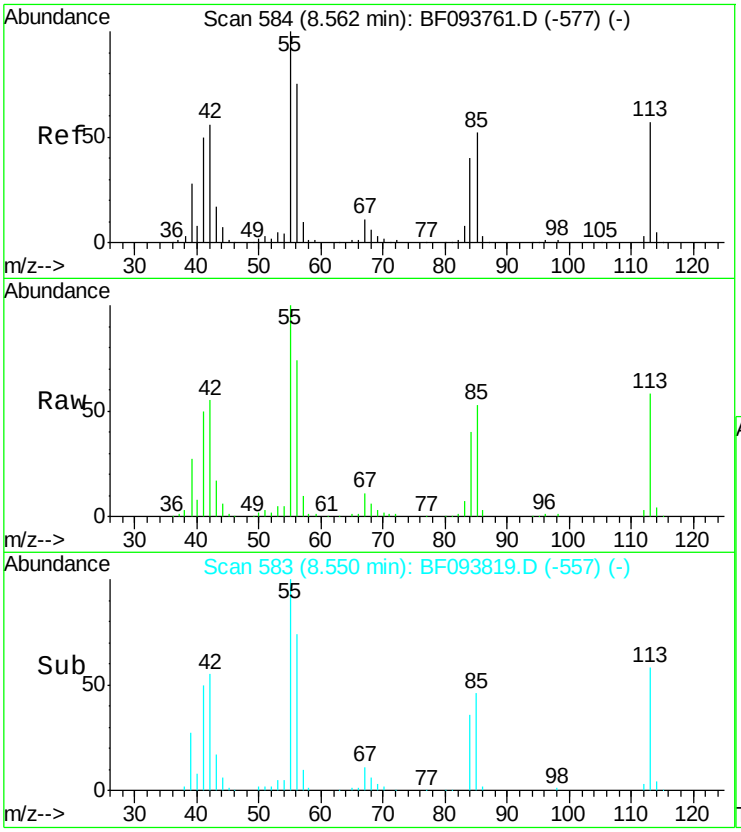




#34
Hexachlorobutadiene
Concen: 38.72 ng
RT: 8.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:225 Resp: 239864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 48.8 | 73.2 |
| 227 | 64.6 | 51.1 | 76.7 |



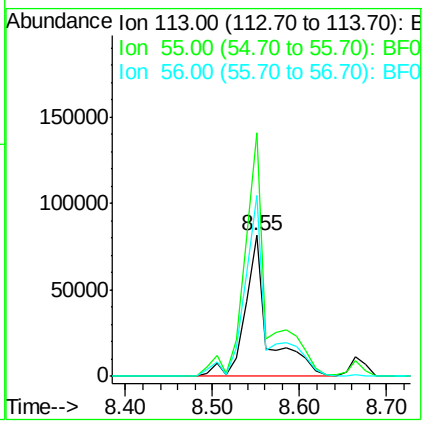


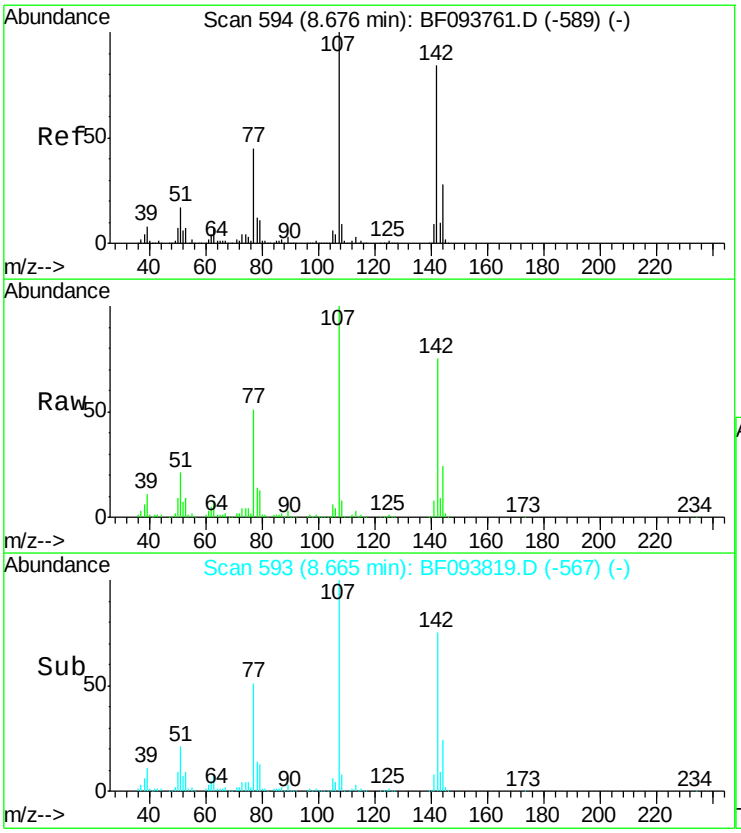

#35
Caprolactam
Concen: 42.90 ng
RT: 8.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:113 Resp: 152789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 172.8 | 150.2 | 190.2 |
| 56 | 128.4 | 107.8 | 147.8 |

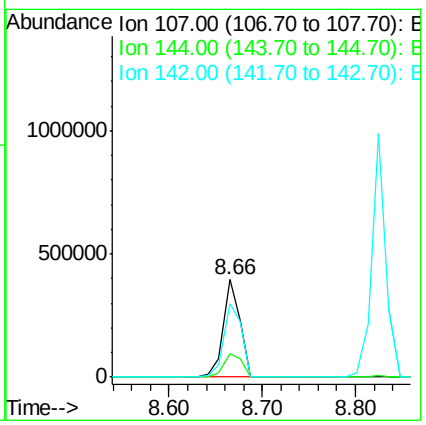


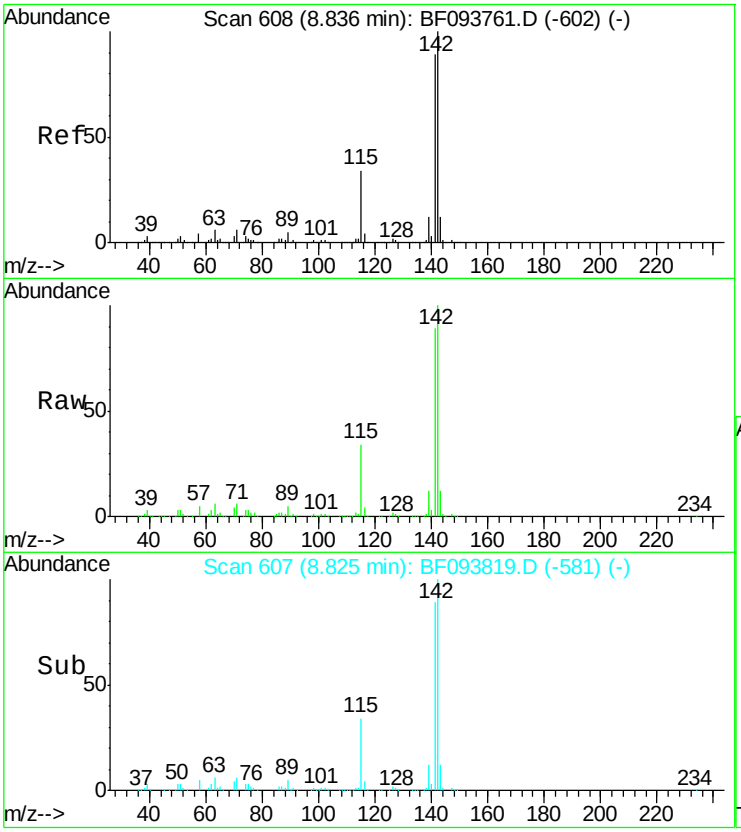




#36
4-Chloro-3-methylphenol
Concen: 41.92 ng
RT: 8.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:107 Resp: 492789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.3 | 24.2 | 36.4 |
| 142 | 74.9 | 73.4 | 110.0 |



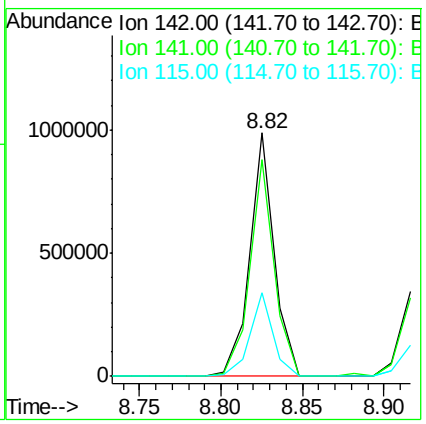


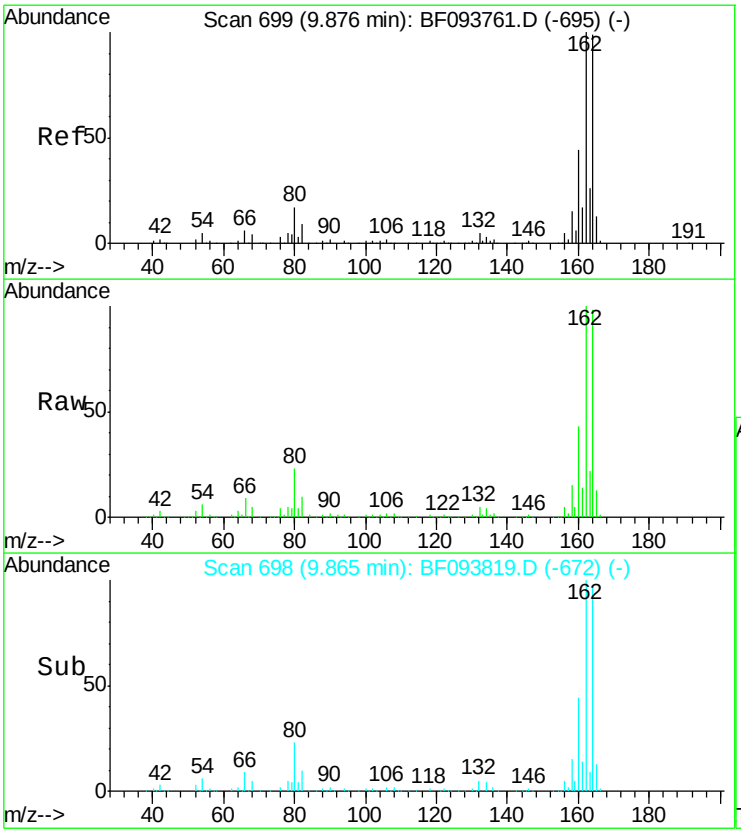

#37
2-Methylnaphthalene
Concen: 39.92 ng
RT: 8.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:142 Resp: 1029134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.3 | 106.9 |
| 115 | 34.2 | 27.1 | 40.7 |

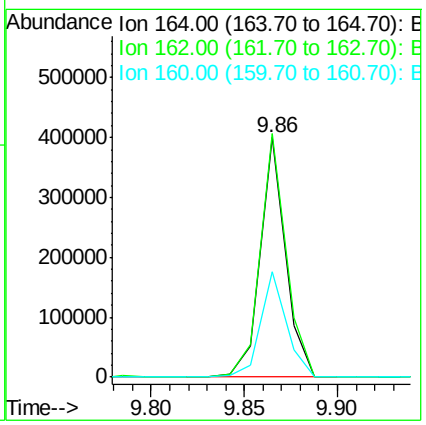


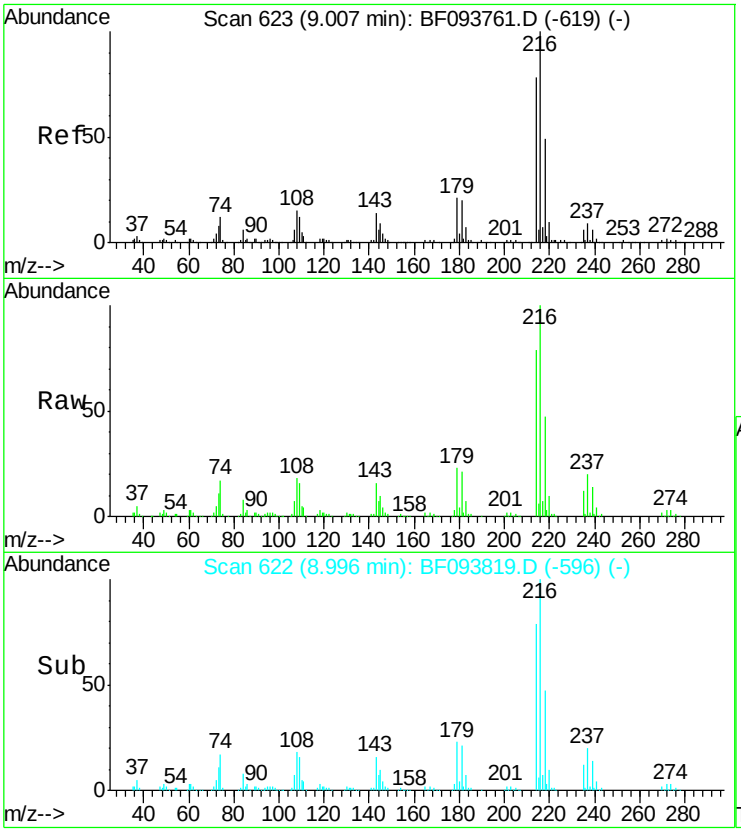




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:164 Resp: 372909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 82.6 | 123.8 |
| 160 | 44.2 | 36.2 | 54.2 |



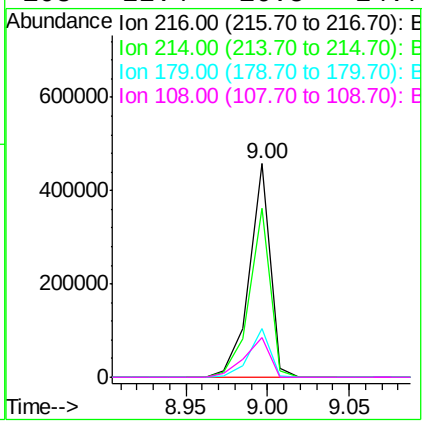


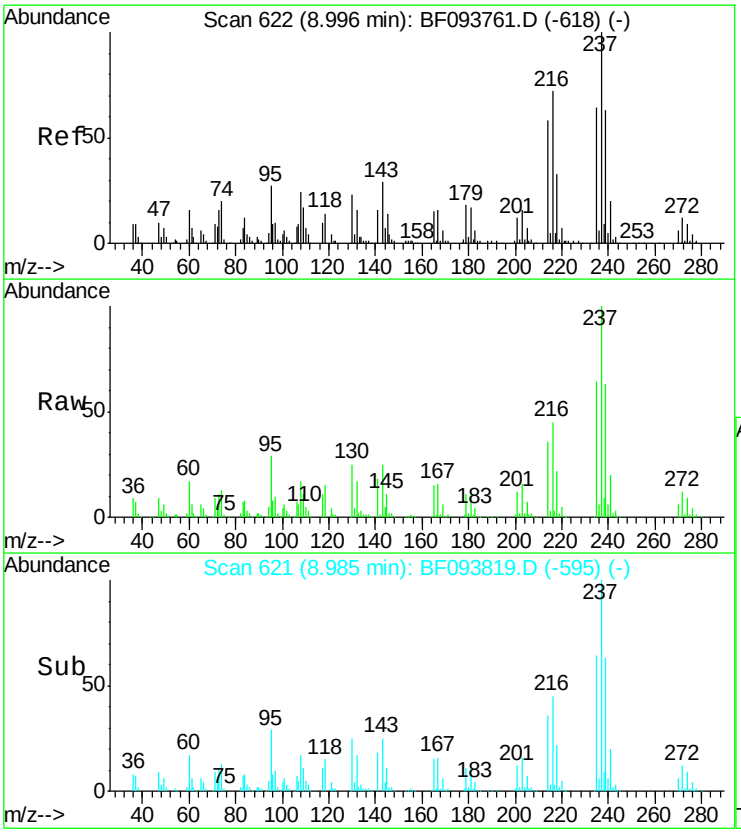

#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.37 ng
RT: 9.00 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:216 Resp: 408573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 63.4 | 95.2 |
| 179 | 22.9 | 17.9 | 26.9 |
| 108 | 22.4 | 16.5 | 24.7 |

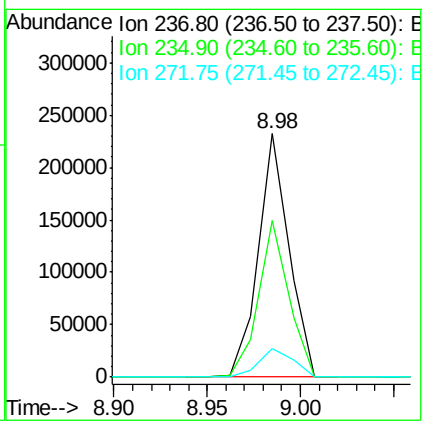


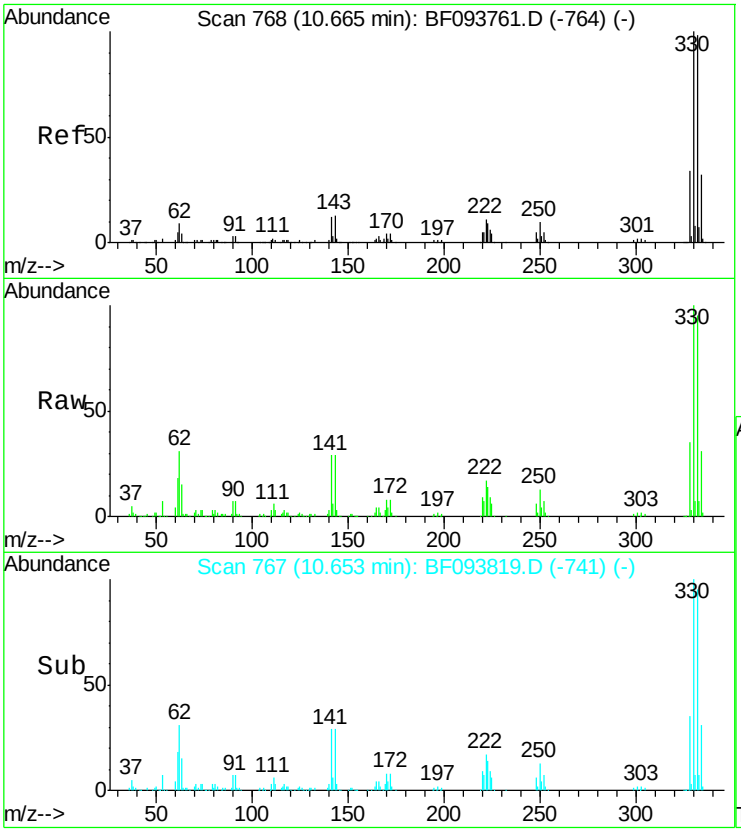




#40
Hexachlorocyclopentadiene
Concen: 52.77 ng
RT: 8.98 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:237 Resp: 262910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.5 | 42.6 | 82.6 |
| 272 | 11.8 | 0.0 | 31.9 |



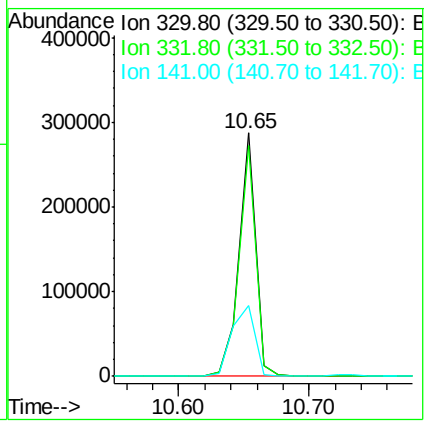


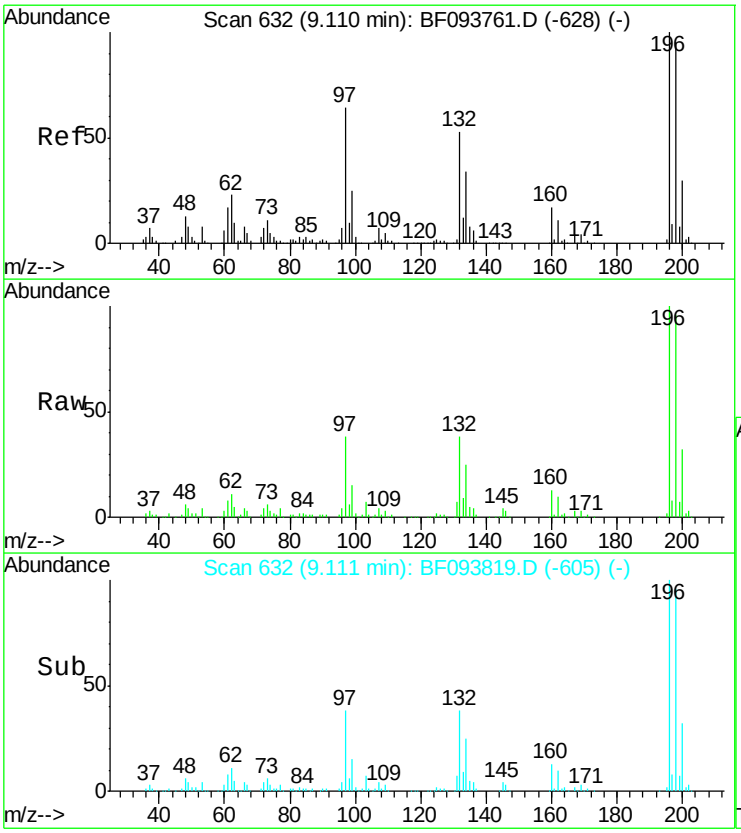

#41
2,4,6-Tribromophenol
Concen: 87.57 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:330 Resp: 252946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 76.6 | 115.0 |
| 141 | 40.6 | 31.4 | 47.2 |

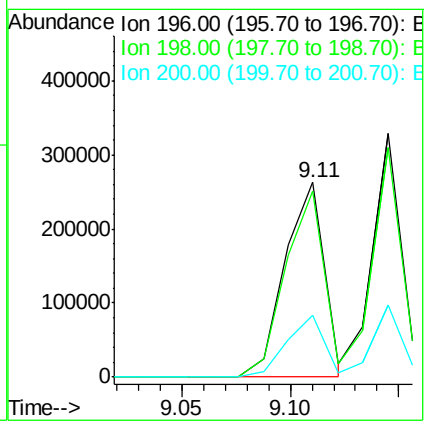


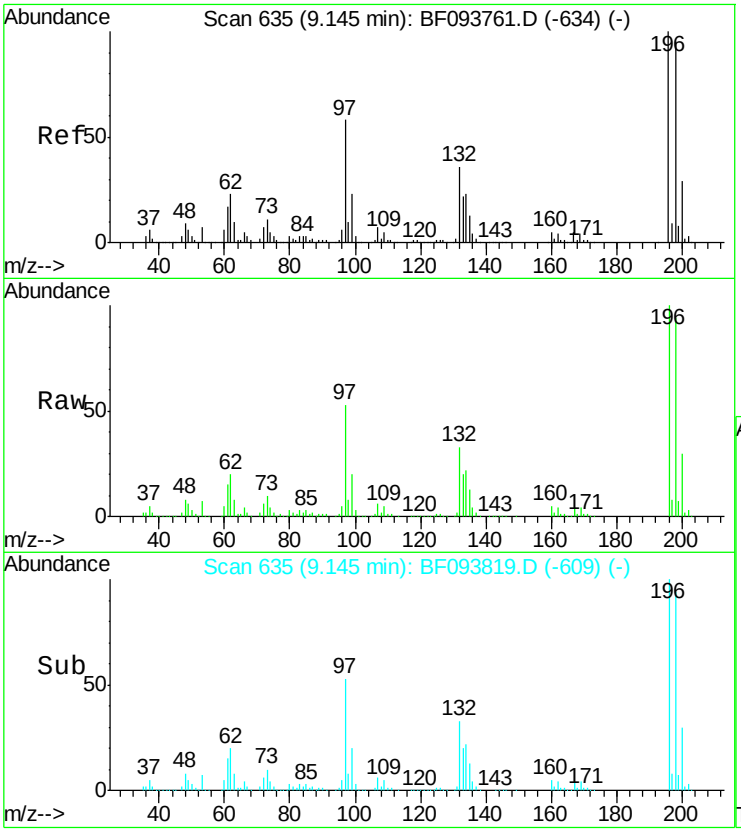




#42
2,4,6-Trichlorophenol
Concen: 46.32 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:196 Resp: 332091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 74.2 | 111.4 |
| 200 | 31.6 | 24.0 | 36.0 |



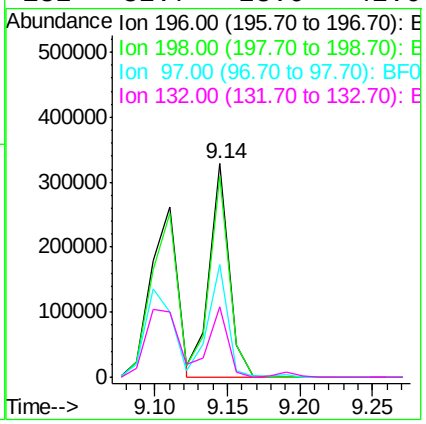


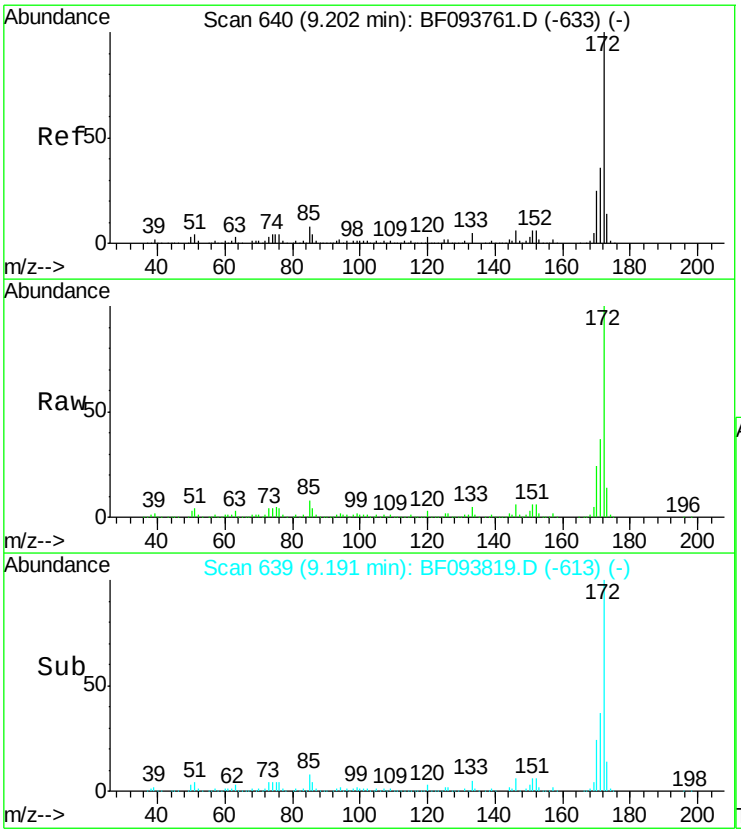

#43
2,4,5-Trichlorophenol
Concen: 41.53 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:196 Resp: 309125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 75.7 | 113.5 |
| 97 | 52.6 | 47.7 | 71.5 |
| 132 | 32.7 | 28.0 | 42.0 |

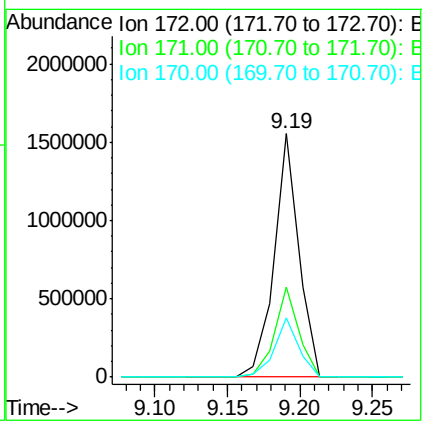


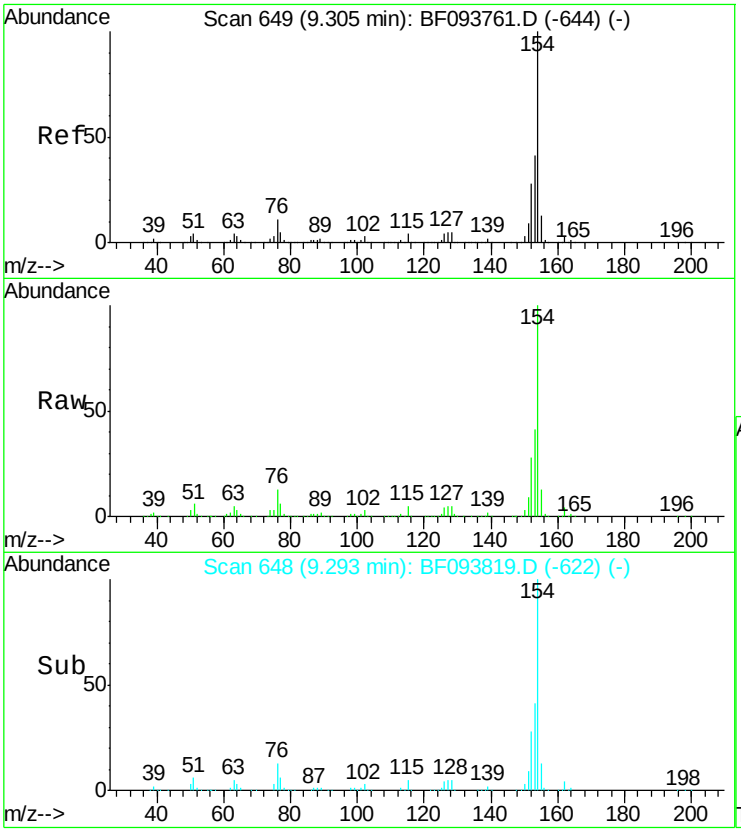




#44
2-Fluorobiphenyl
Concen: 82.39 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:172 Resp: 1827094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.6 | 44.4 |
| 170 | 24.3 | 19.8 | 29.8 |



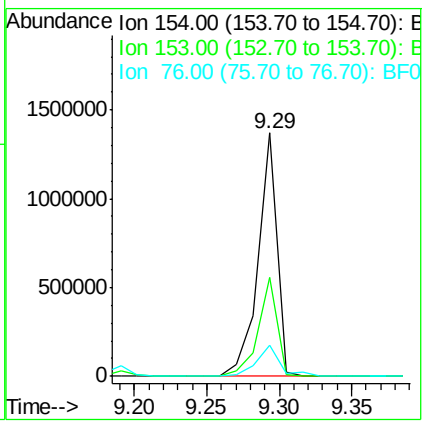


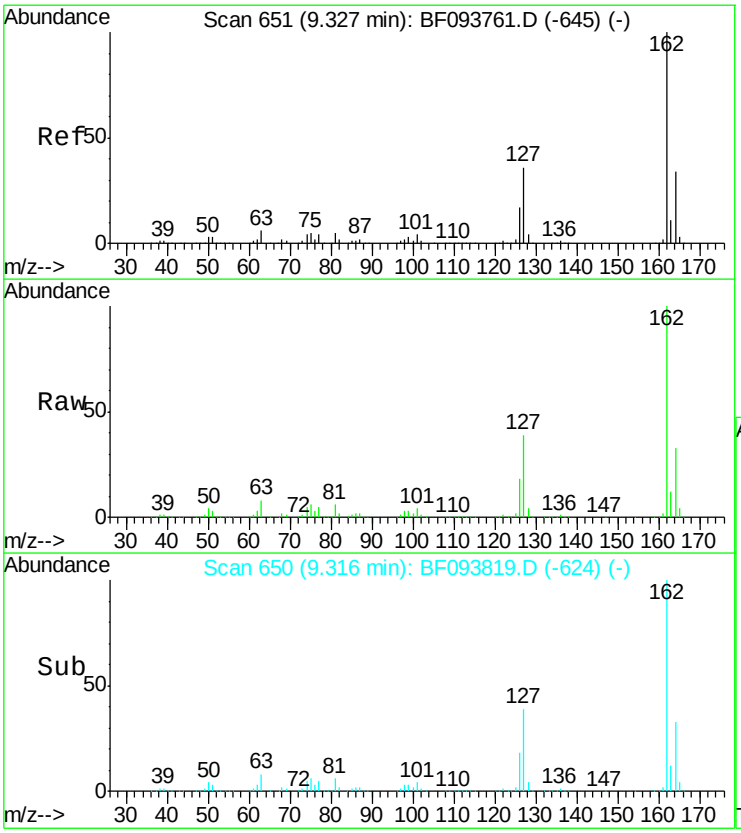

#45
1,1'-Biphenyl
Concen: 40.82 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:154 Resp: 1237214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 21.2 | 61.2 |
| 76 | 12.7 | 0.0 | 29.9 |

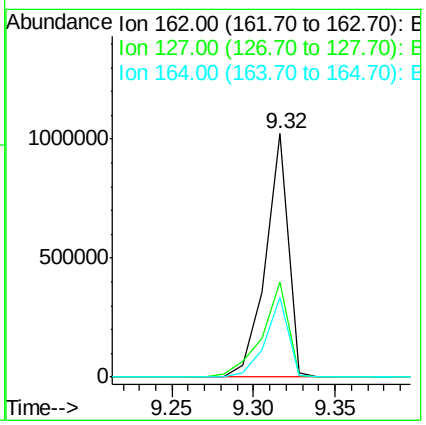


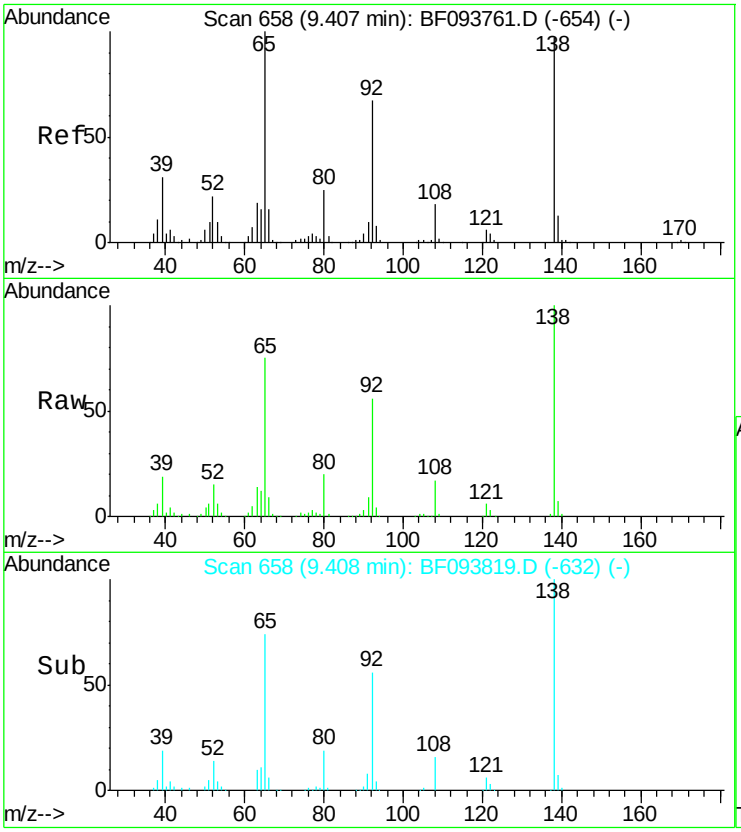




#46
2-Chloronaphthalene
Concen: 42.84 ng
RT: 9.32 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:162 Resp: 995435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 28.3 | 42.5 |
| 164 | 32.9 | 27.0 | 40.4 |



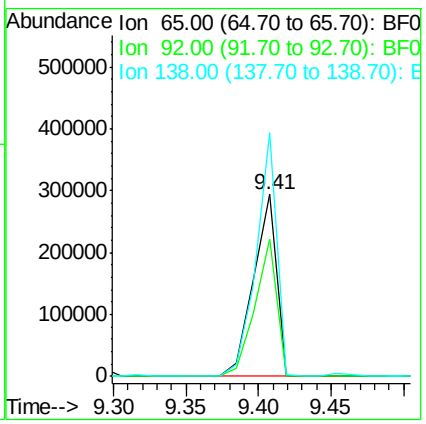


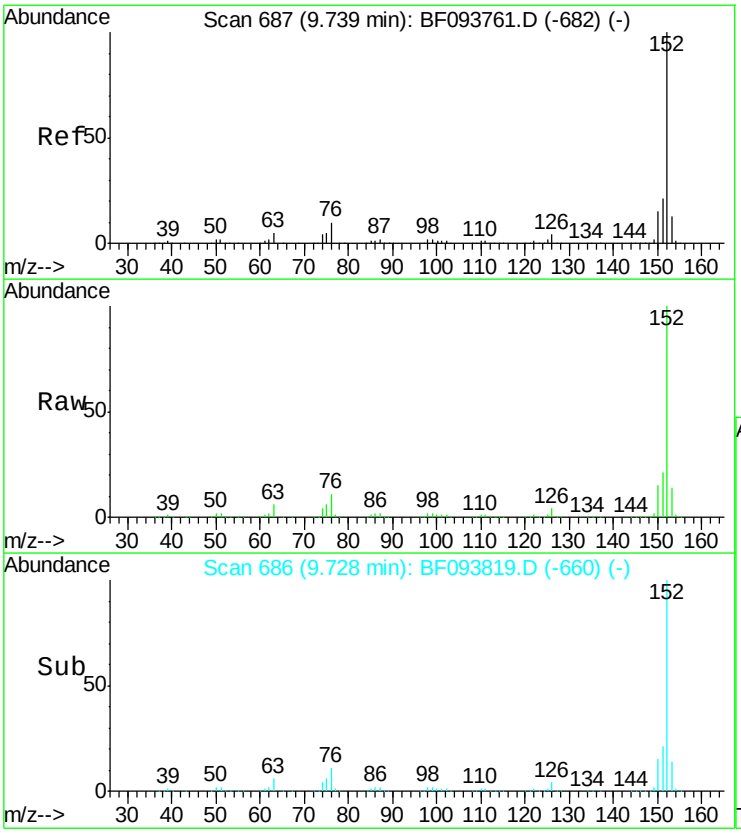

#47
2-Nitroaniline
Concen: 49.80 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion: 65 Resp: 323167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.5 | 53.9 | 80.9 |
| 138 | 134.1 | 78.8 | 118.2# |

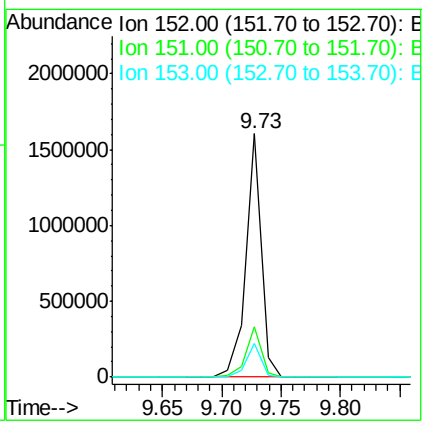


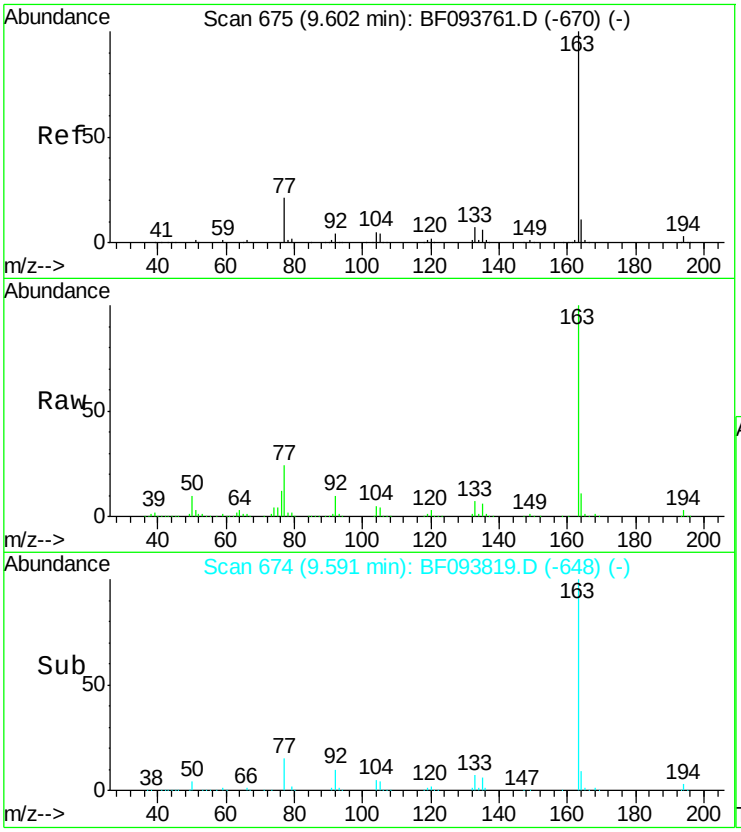




#48
Acenaphthylene
Concen: 38.50 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:152 Resp: 1456004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.8 | 25.2 |
| 153 | 13.7 | 10.8 | 16.2 |



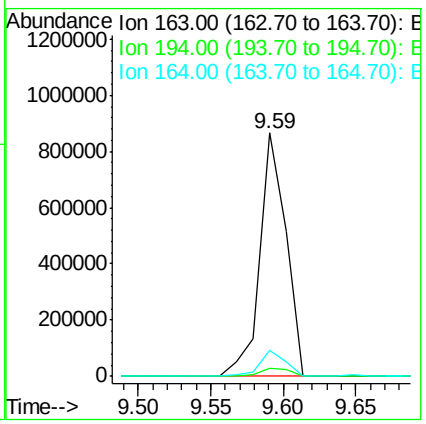


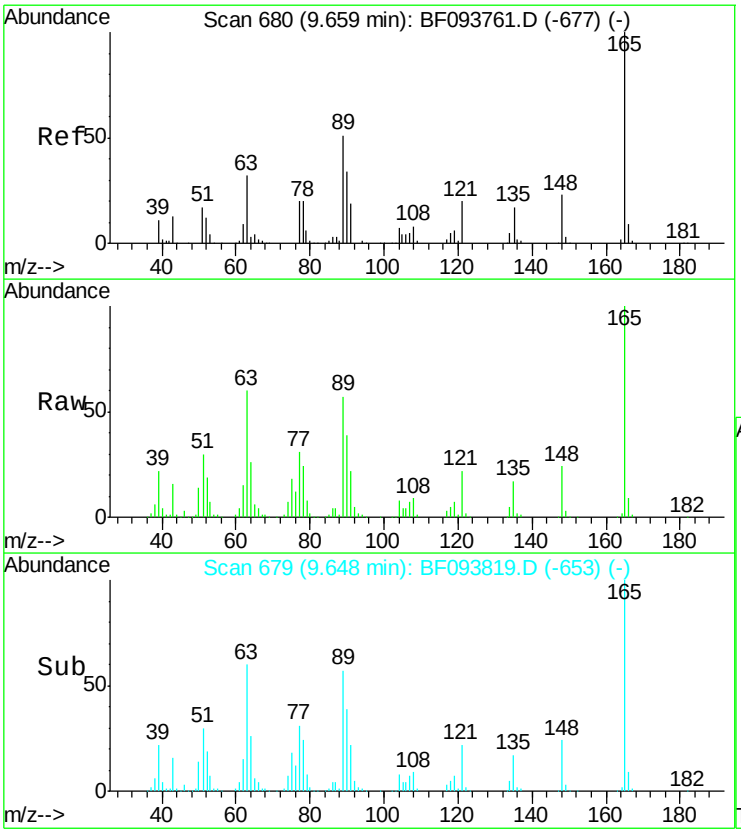

#49
Dimethylphthalate
Concen: 40.68 ng
RT: 9.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:163 Resp: 1079667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 10.7 | 8.4 | 12.6 |

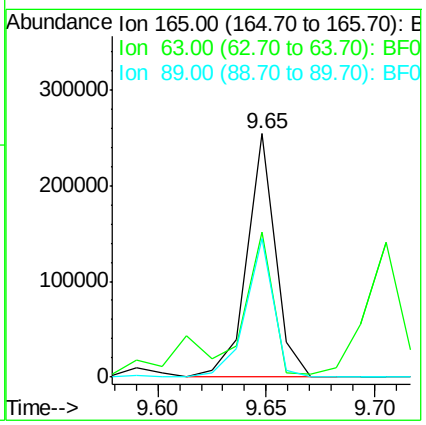


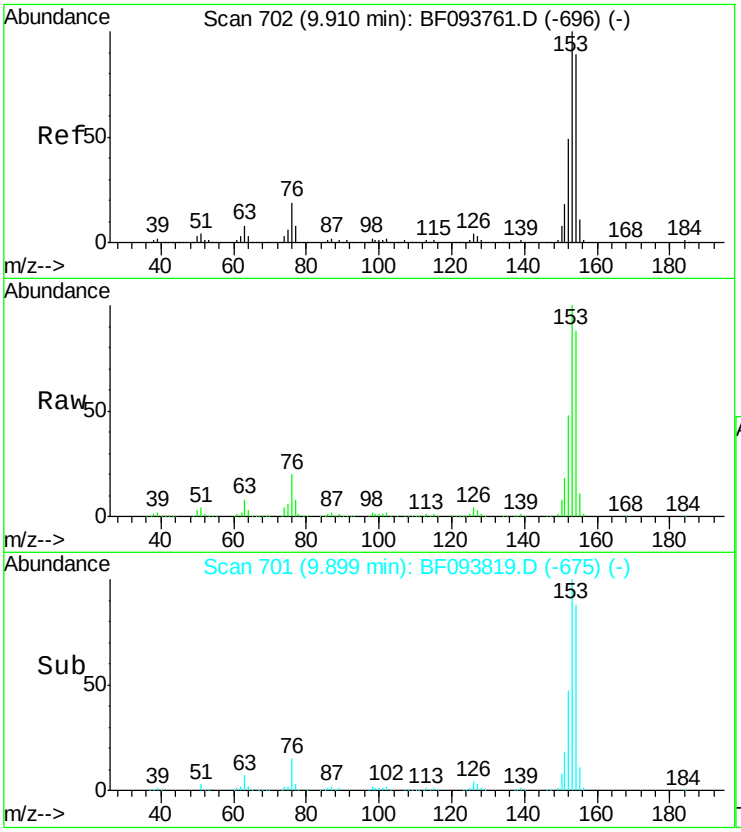




#50
2,6-Dinitrotoluene
Concen: 39.68 ng
RT: 9.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:165 Resp: 231199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.5 | 34.3 | 51.5# |
| 89 | 56.8 | 37.1 | 55.7# |



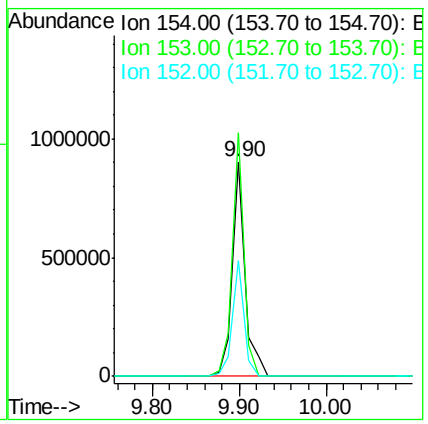


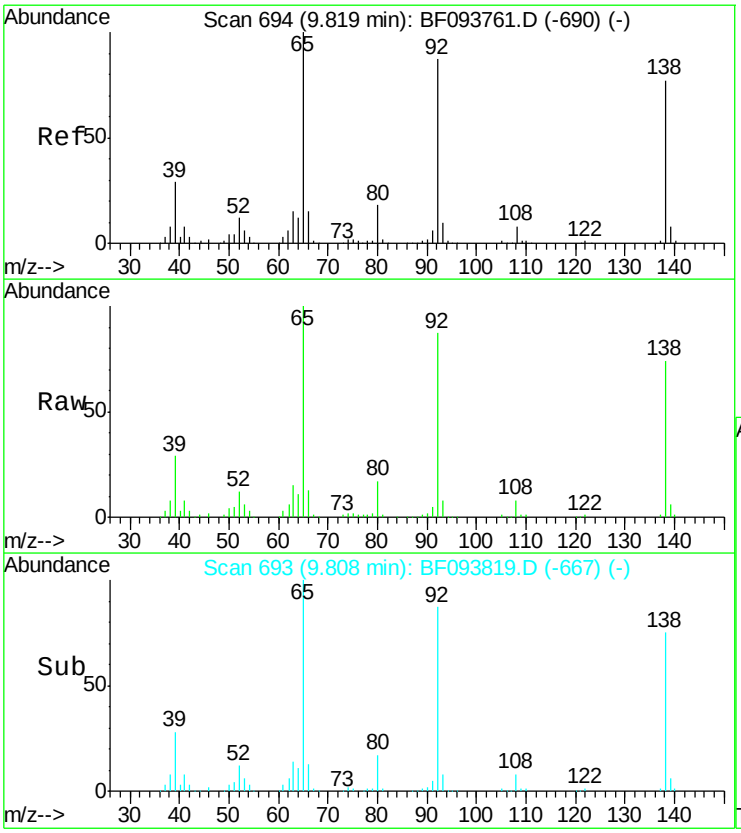

#51
Acenaphthene
Concen: 40.60 ng
RT: 9.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:154 Resp: 917070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.5 | 90.5 | 135.7 |
| 152 | 54.0 | 43.6 | 65.4 |

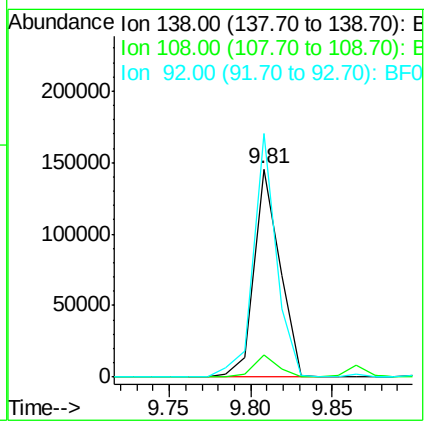


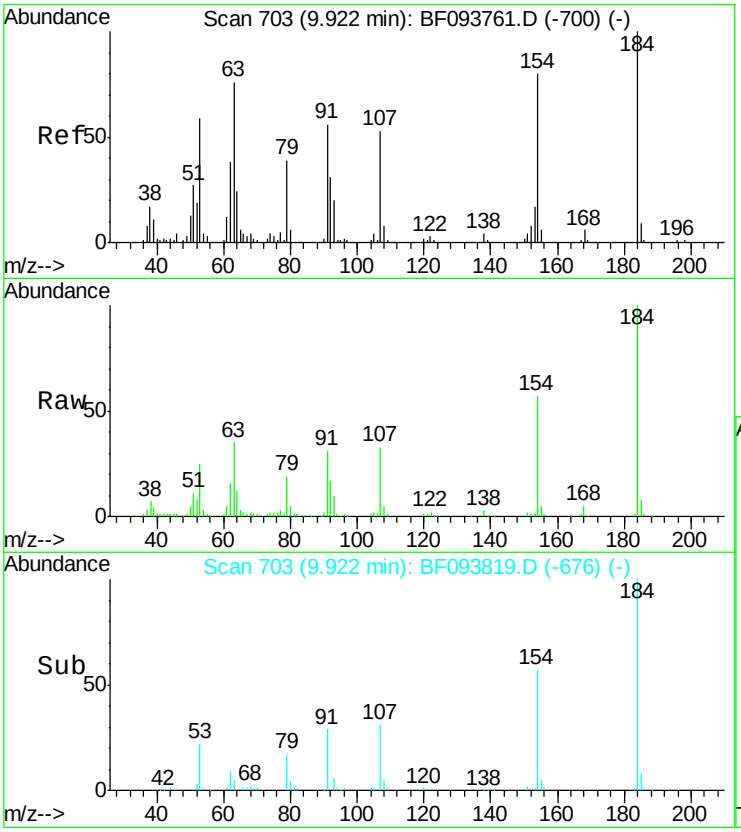




#52
3-Nitroaniline
Concen: 22.97 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:138 Resp: 160683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 9.1 | 13.7 |
| 92 | 116.9 | 93.8 | 140.6 |



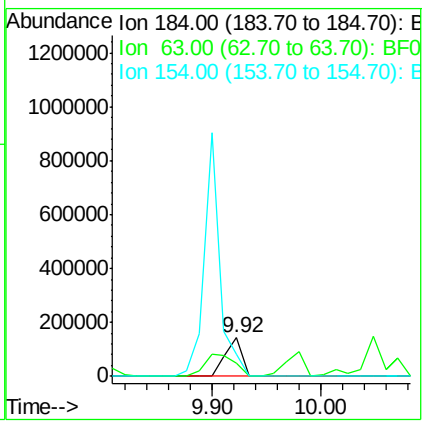


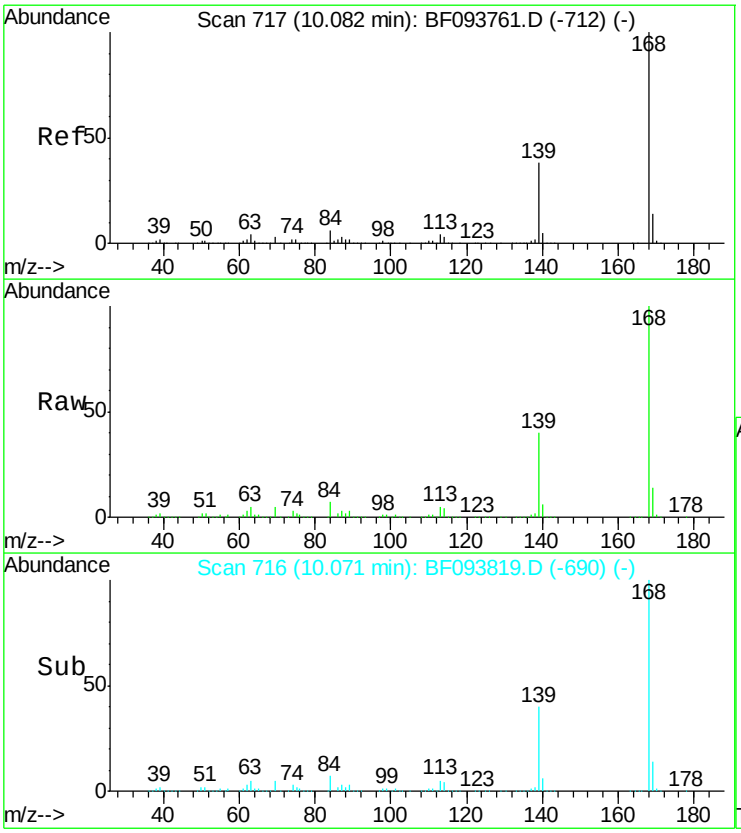

#53
2,4-Dinitrophenol
Concen: 68.32 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:184 Resp: 156249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 34.8 | 62.7 | 94.1# |
| 154 | 57.0 | 81.1 | 121.7# |

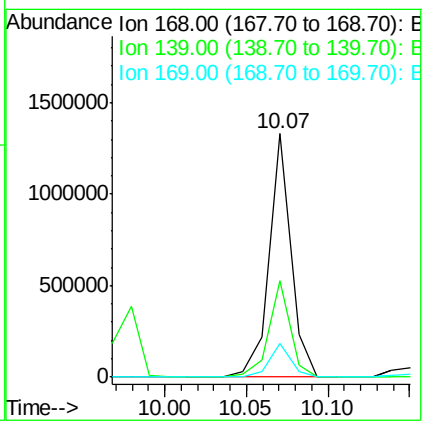


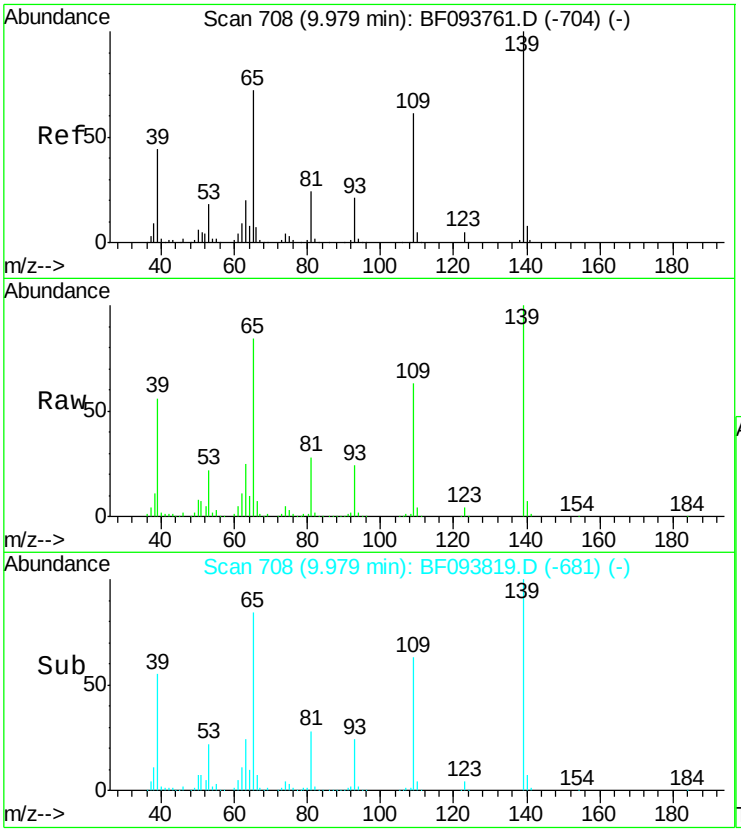




#54
Dibenzofuran
Concen: 40.98 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:168 Resp: 1245564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.7 | 30.6 | 45.8 |
| 169 | 14.1 | 10.8 | 16.2 |



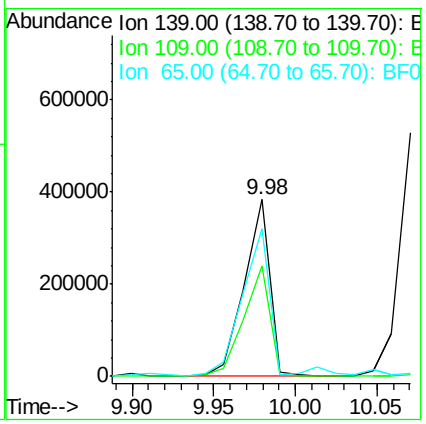


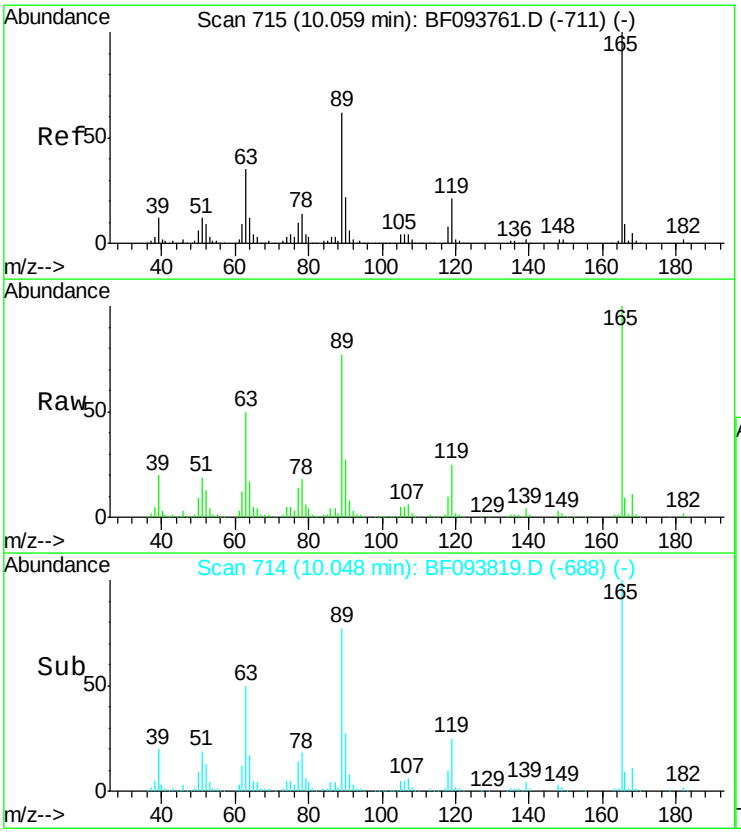

#55
4-Nitrophenol
Concen: 80.19 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:139 Resp: 421269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.7 | 34.1 | 74.1 |
| 65 | 83.6 | 31.4 | 71.4# |

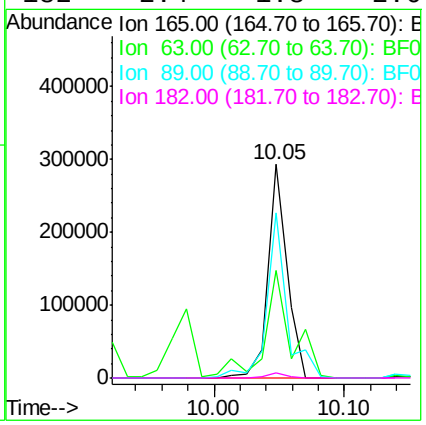


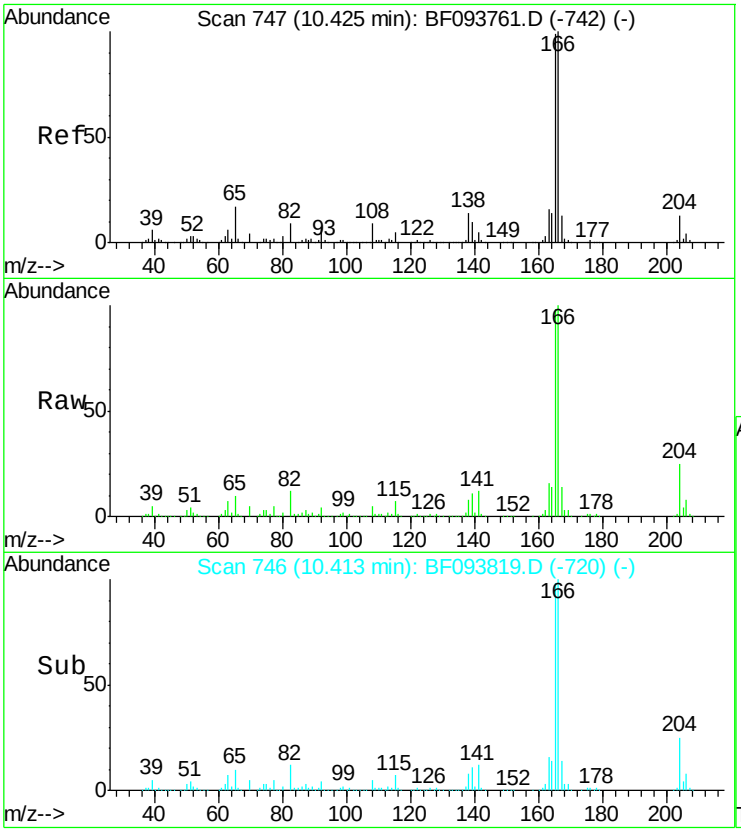




#56
2,4-Dinitrotoluene
Concen: 40.58 ng
RT: 10.05 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:165 Resp: 300133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.1 | 25.4 | 38.0# |
| 89 | 77.5 | 46.4 | 69.6# |
| 182 | 2.4 | 1.8 | 2.6 |



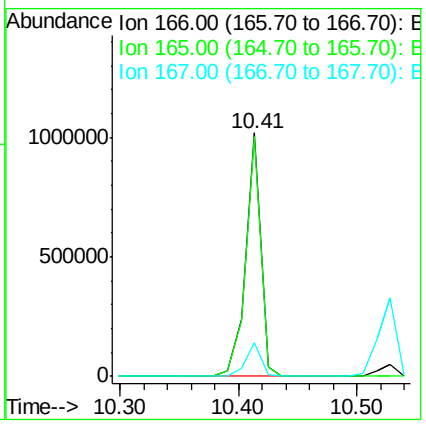


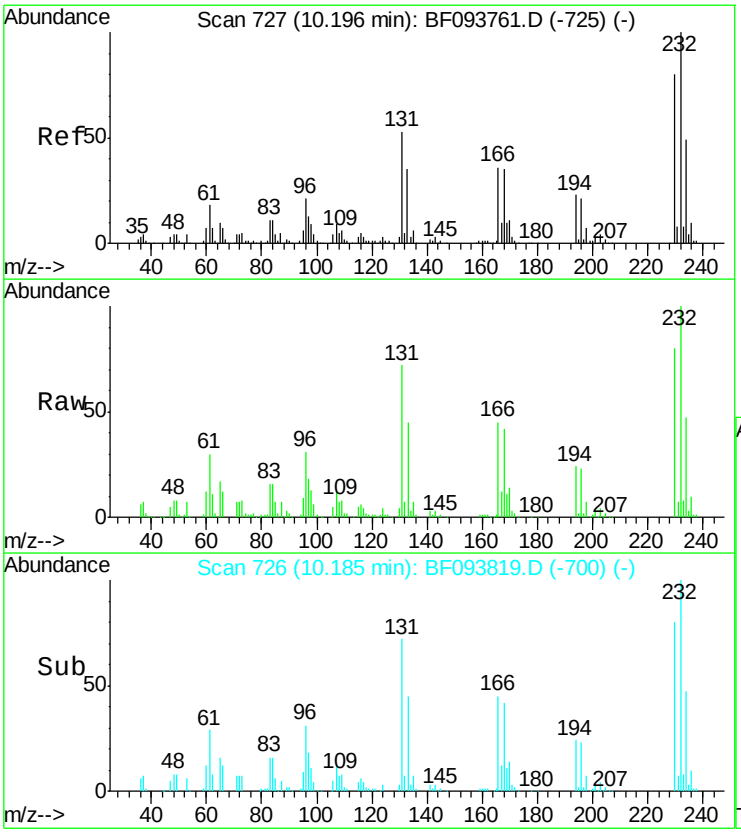

#57
Fluorene
Concen: 38.90 ng
RT: 10.41 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:166 Resp: 905558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 78.8 | 118.2 |
| 167 | 13.8 | 10.6 | 16.0 |

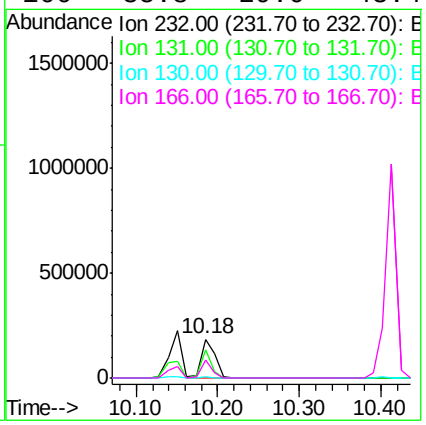


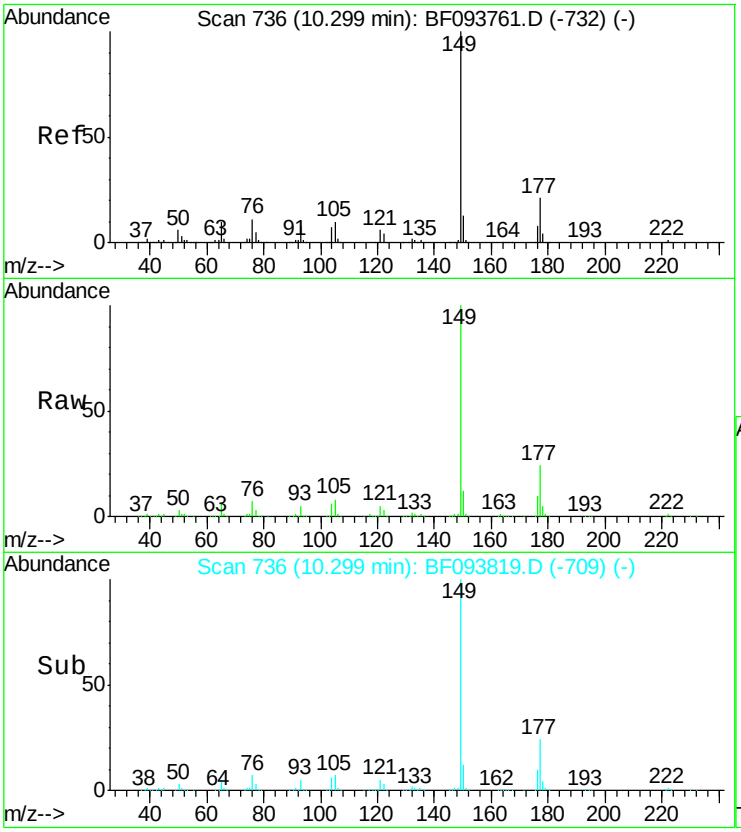




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.57 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:232 Resp: 222763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 54.2 | 44.8 | 67.2 |
| 130 | 2.5 | 2.3 | 3.5 |
| 166 | 35.8 | 29.0 | 43.4 |



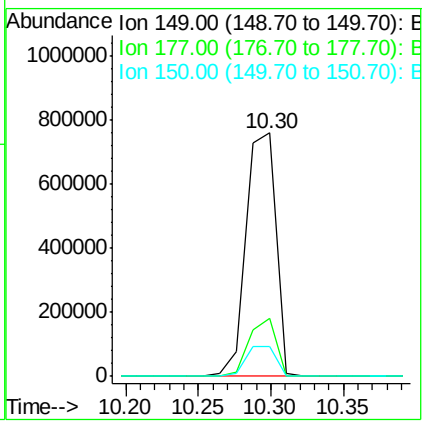


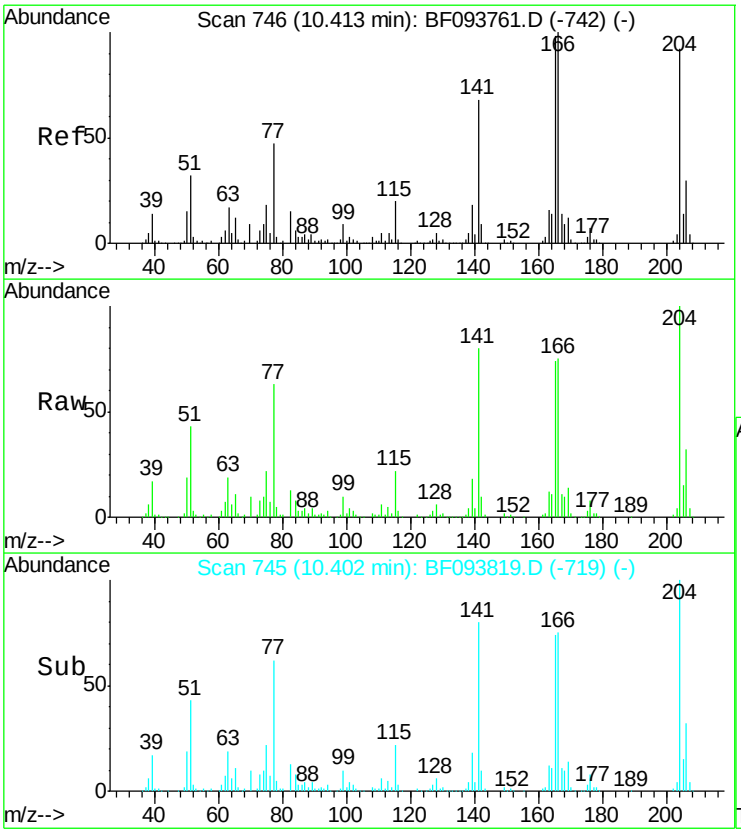

#59
Diethylphthalate
Concen: 41.89 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:149 Resp: 1083602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.9 | 16.7 | 25.1 |
| 150 | 12.3 | 10.2 | 15.2 |

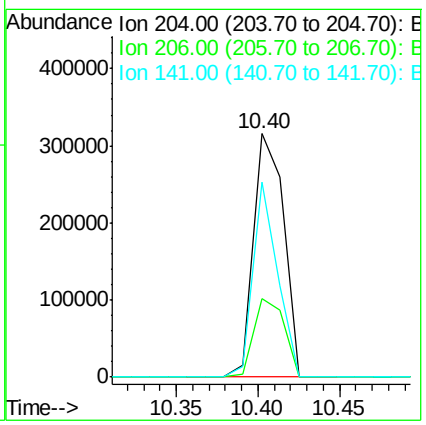


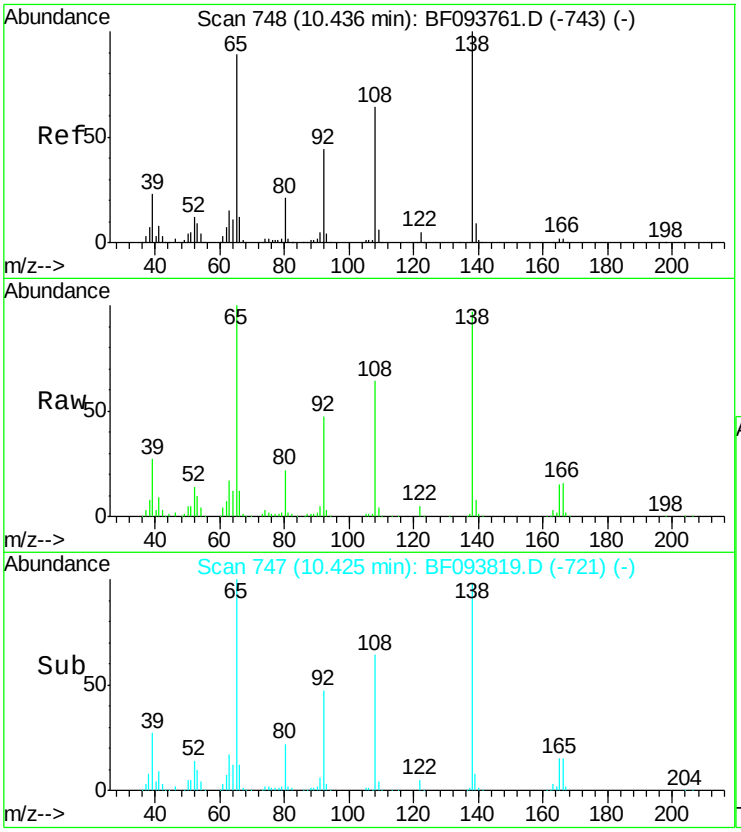




#60
4-Chlorophenyl-phenylether
Concen: 41.38 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:204 Resp: 406036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 26.2 | 39.2 |
| 141 | 80.3 | 60.8 | 91.2 |



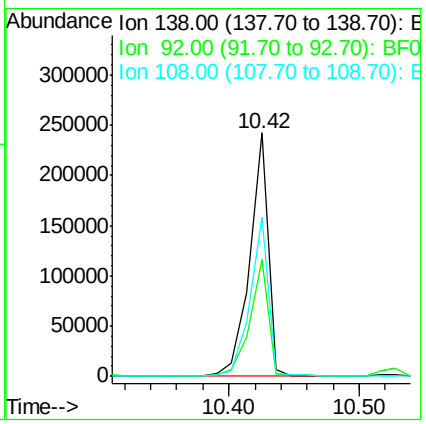


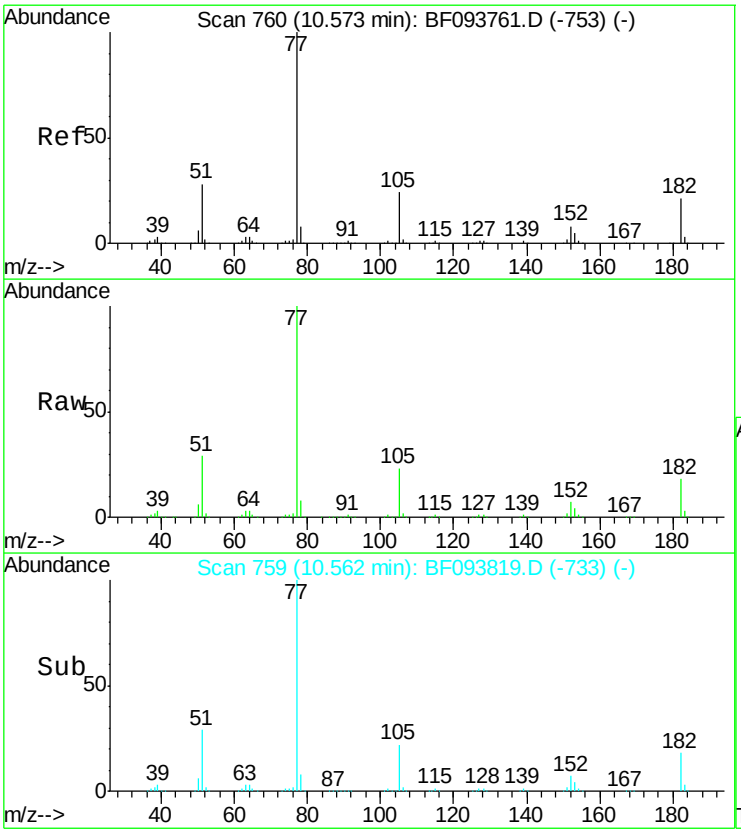

#61
4-Nitroaniline
Concen: 38.38 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:138 Resp: 240112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.8 | 21.8 | 61.8 |
| 108 | 65.5 | 42.3 | 82.3 |

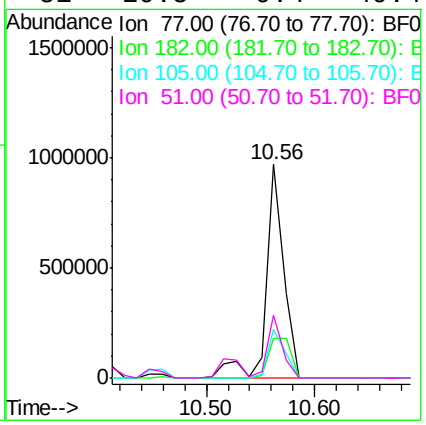


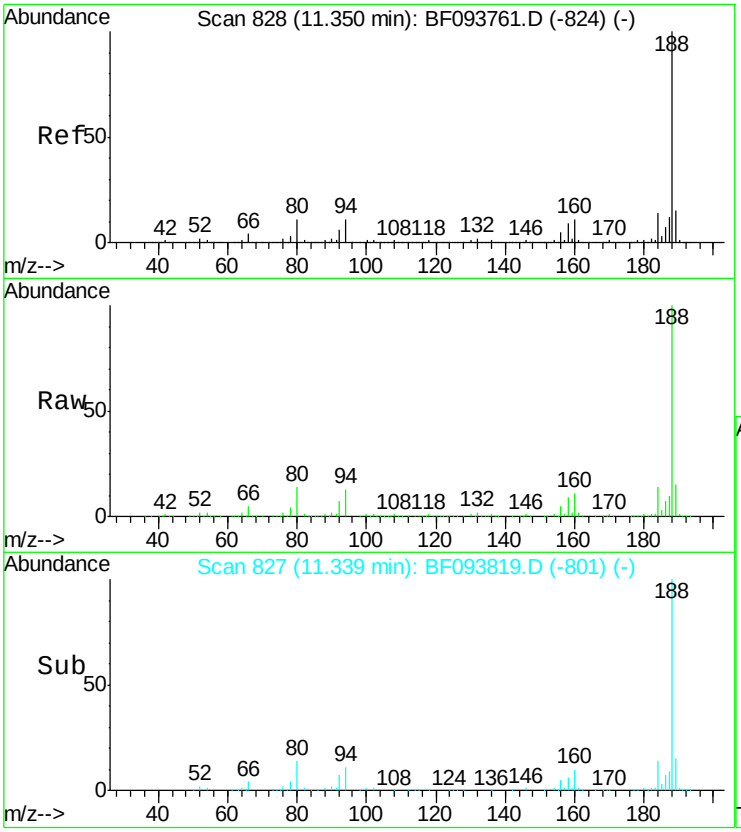




#62
Azobenzene
Concen: 42.90 ng
RT: 10.56 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 77 Resp: 1097502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 18.4 | 0.1 | 40.1 |
| 105 | 22.6 | 3.6 | 43.6 |
| 51 | 29.5 | 9.4 | 49.4 |



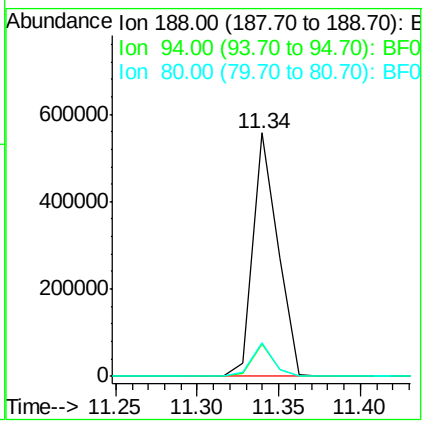


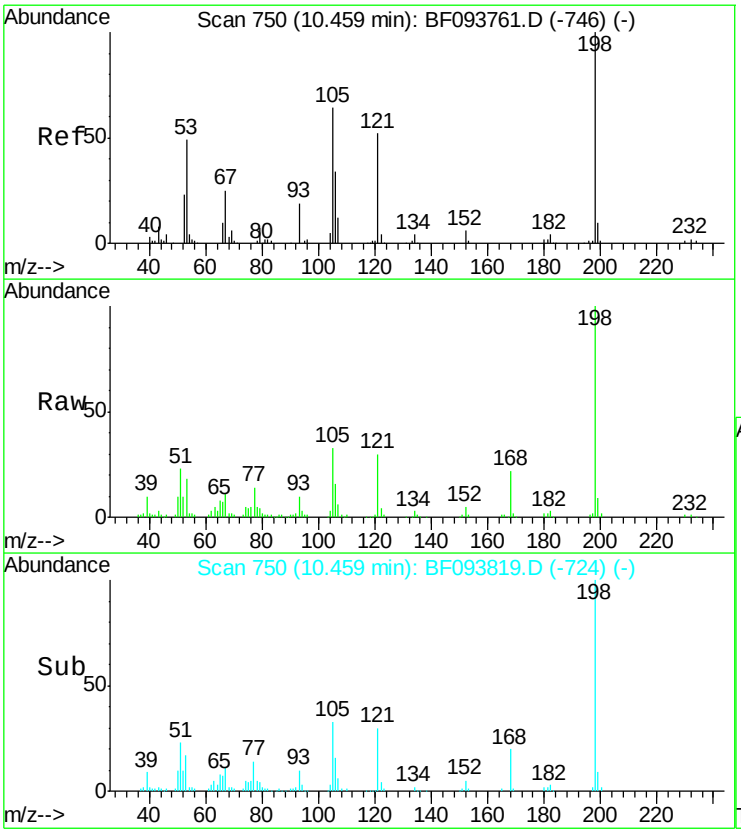

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:188 Resp: 593570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.1 | 9.4 | 14.2 |
| 80 | 13.9 | 10.2 | 15.2 |

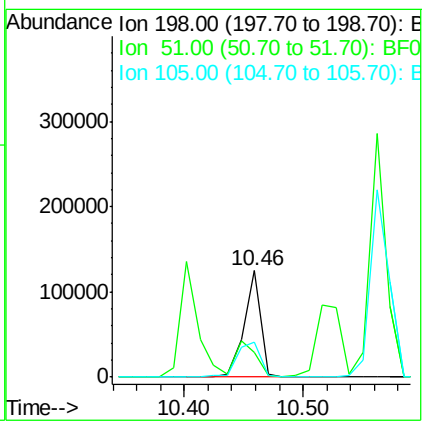


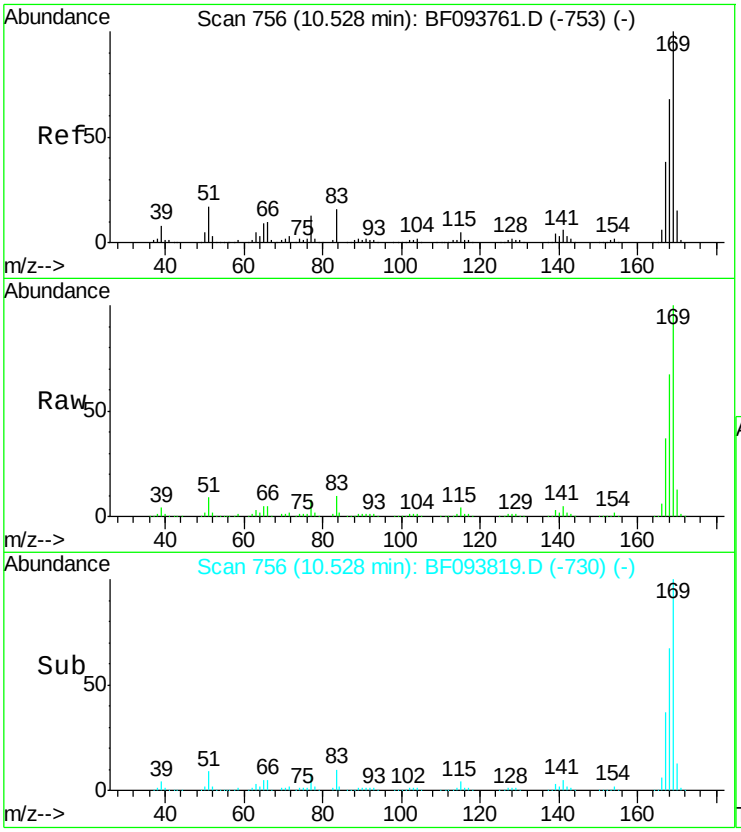




#64
4,6-Dinitro-2-methylphenol
Concen: 35.24 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:198 Resp: 121170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 23.1 | 53.2 | 93.2# |
| 105 | 33.3 | 45.8 | 85.8# |



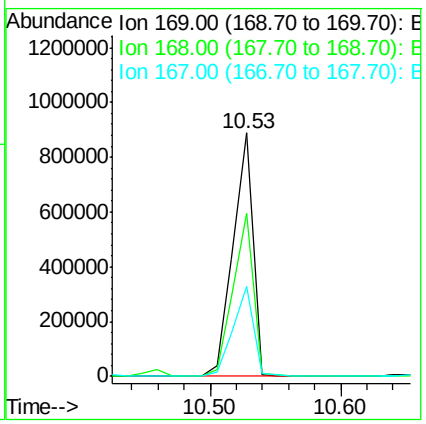


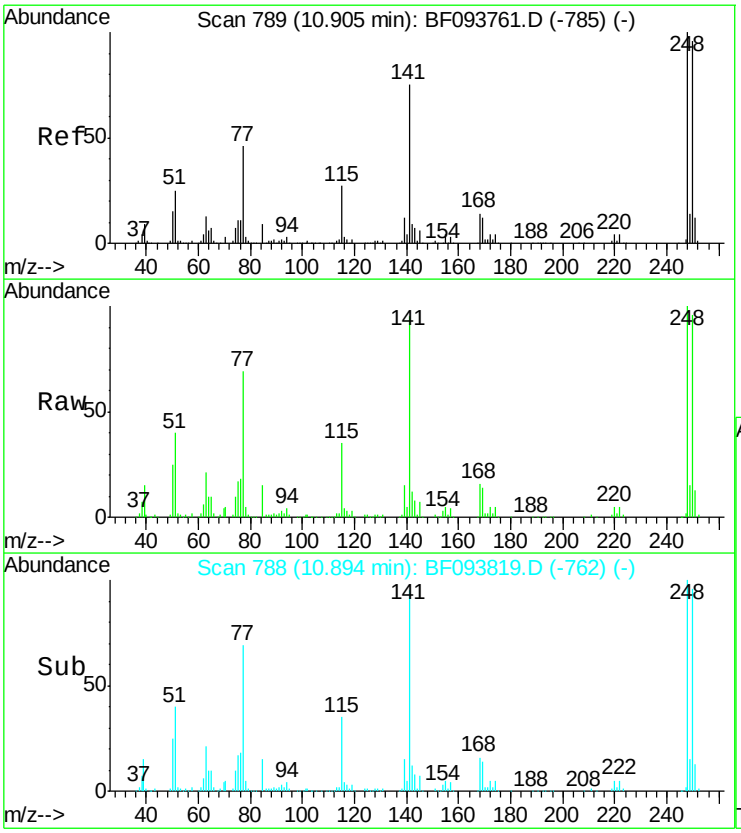

#65
n-Nitrosodiphenylamine
Concen: 47.32 ng
RT: 10.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:169 Resp: 936410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.2 | 53.2 | 79.8 |
| 167 | 36.9 | 29.5 | 44.3 |

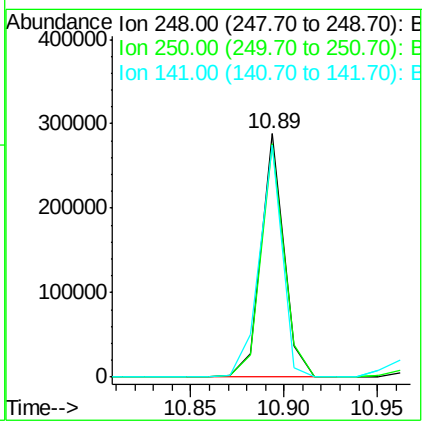


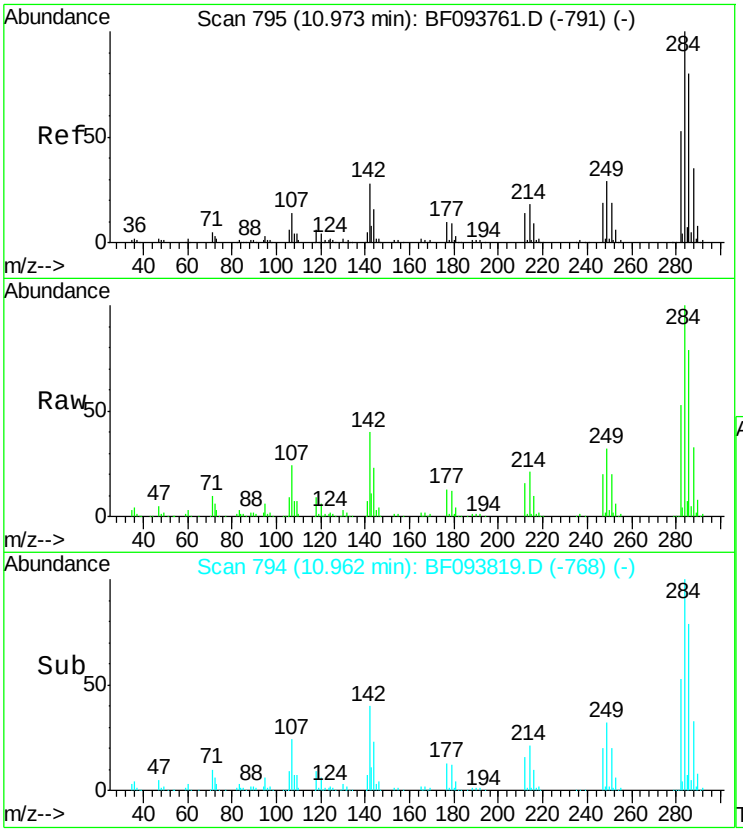




#66
4-Bromophenyl-phenylether
Concen: 42.60 ng
RT: 10.89 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:248 Resp: 243385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 76.8 | 115.2 |
| 141 | 95.4 | 68.6 | 103.0 |



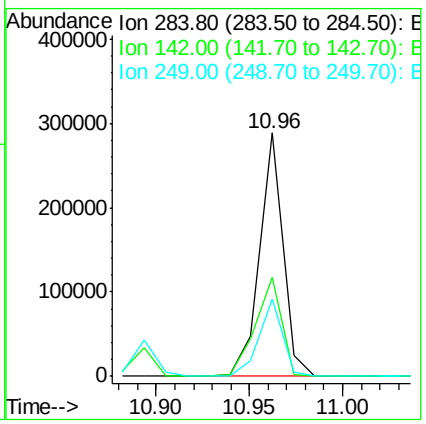


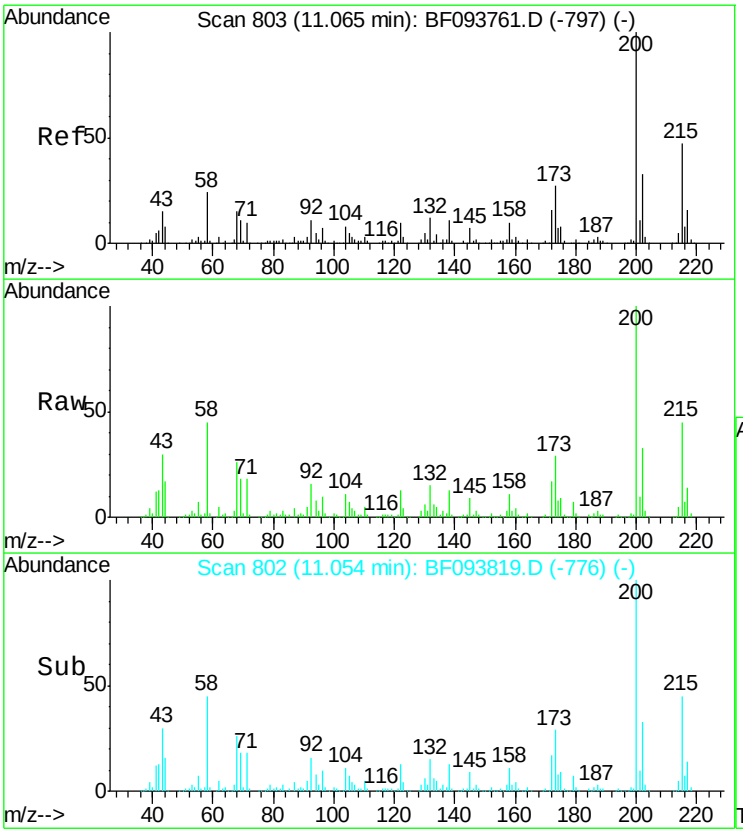

#67
Hexachlorobenzene
Concen: 42.34 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:284 Resp: 249487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.4 | 22.8 | 34.2# |
| 249 | 32.0 | 24.0 | 36.0 |

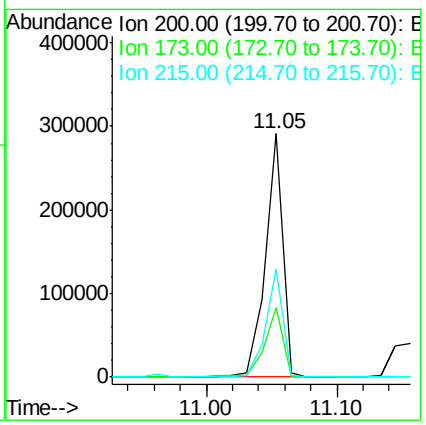


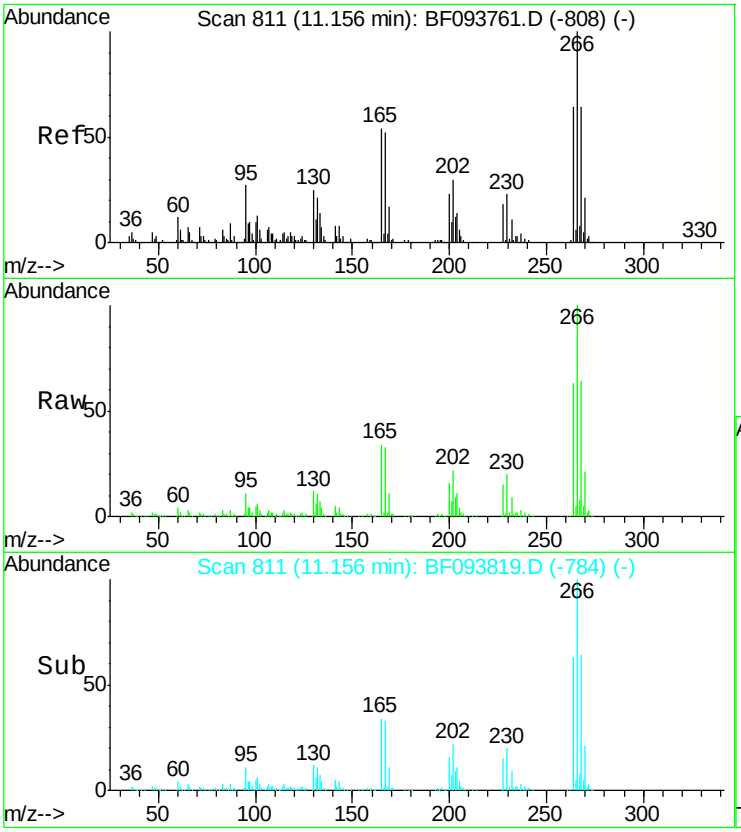




#68
Atrazine
Concen: 44.73 ng
RT: 11.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:200 Resp: 271678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.7 | 6.3 | 46.3 |
| 215 | 44.6 | 27.2 | 67.2 |



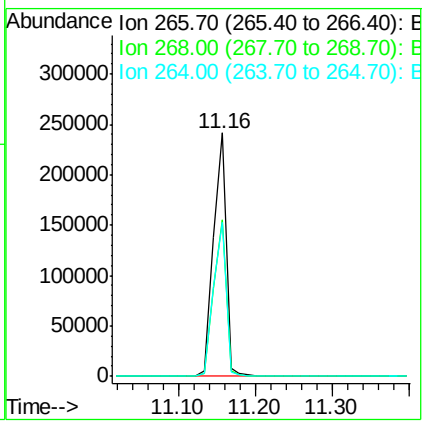


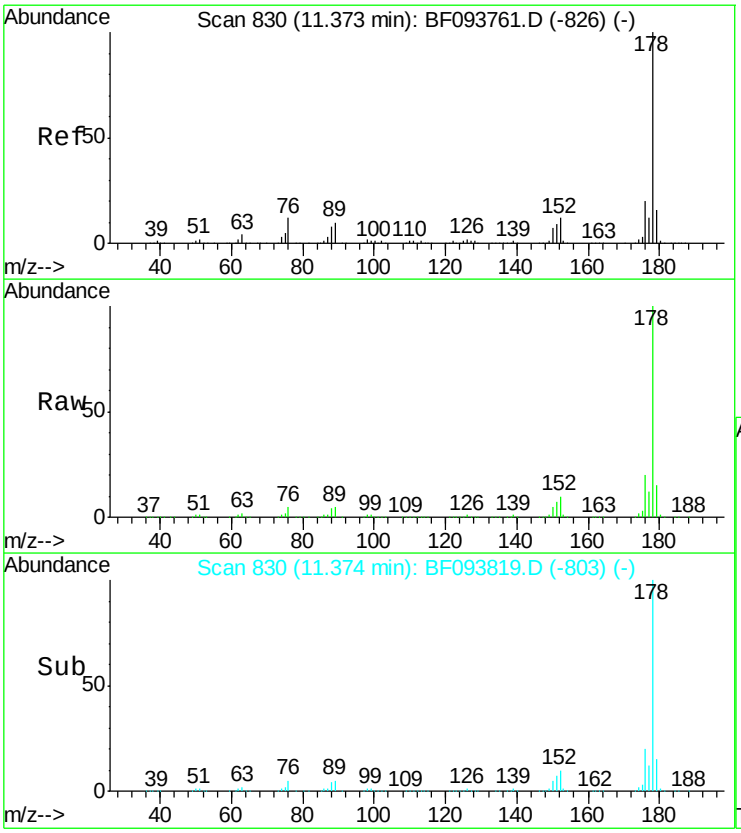

#69
Pentachlorophenol
Concen: 79.81 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:266 Resp: 274988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 51.1 | 76.7 |
| 264 | 63.2 | 51.7 | 77.5 |

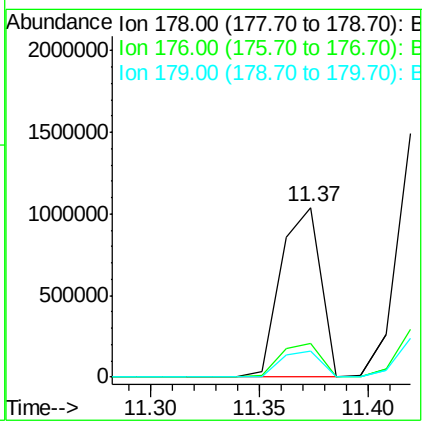


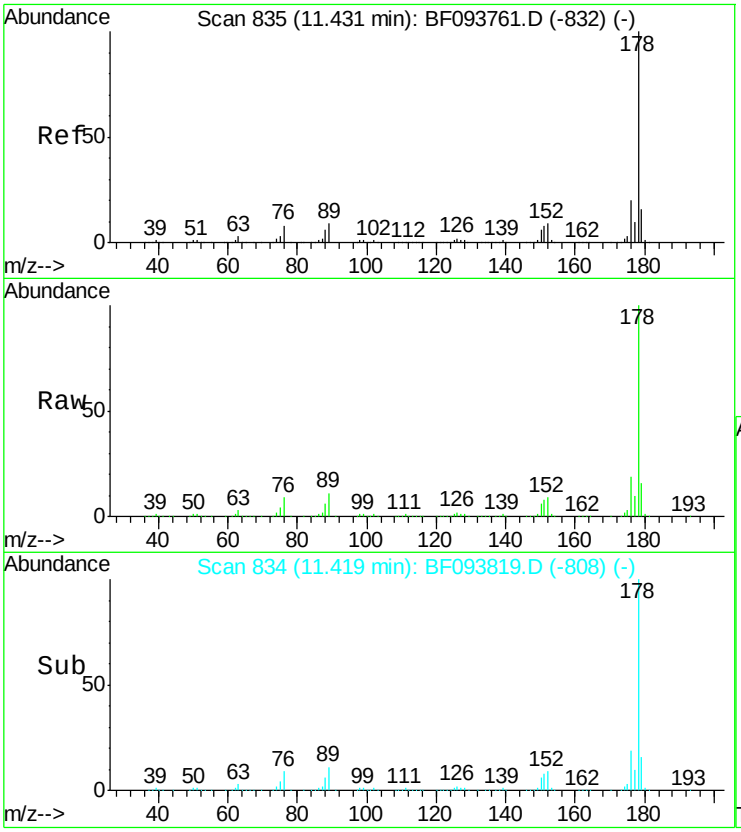




#70
Phenanthrene
Concen: 42.13 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:178 Resp: 1331772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 16.2 | 24.4 |
| 179 | 15.2 | 12.6 | 19.0 |



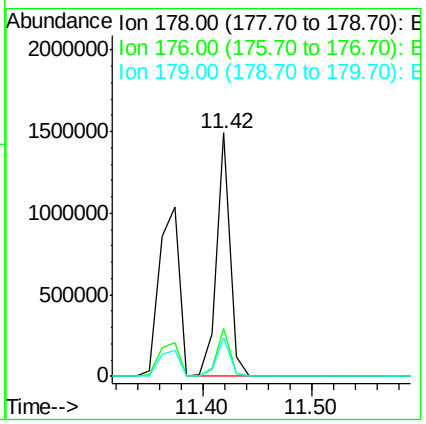


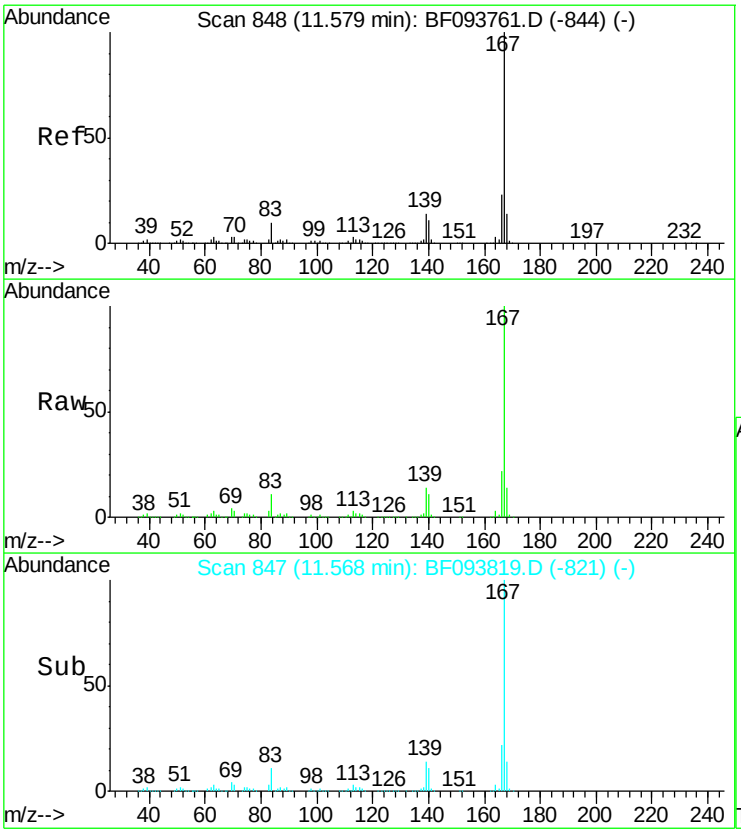

#71
Anthracene
Concen: 40.04 ng
RT: 11.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:178 Resp: 1303067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.8 | 23.8 |
| 179 | 15.9 | 12.7 | 19.1 |

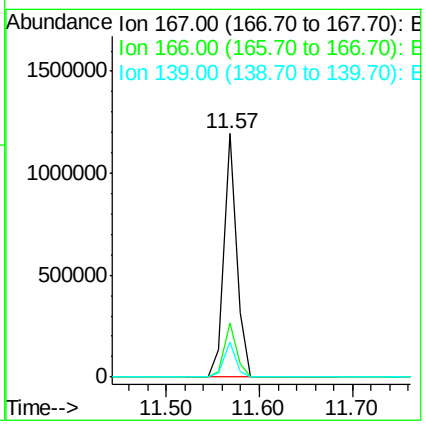


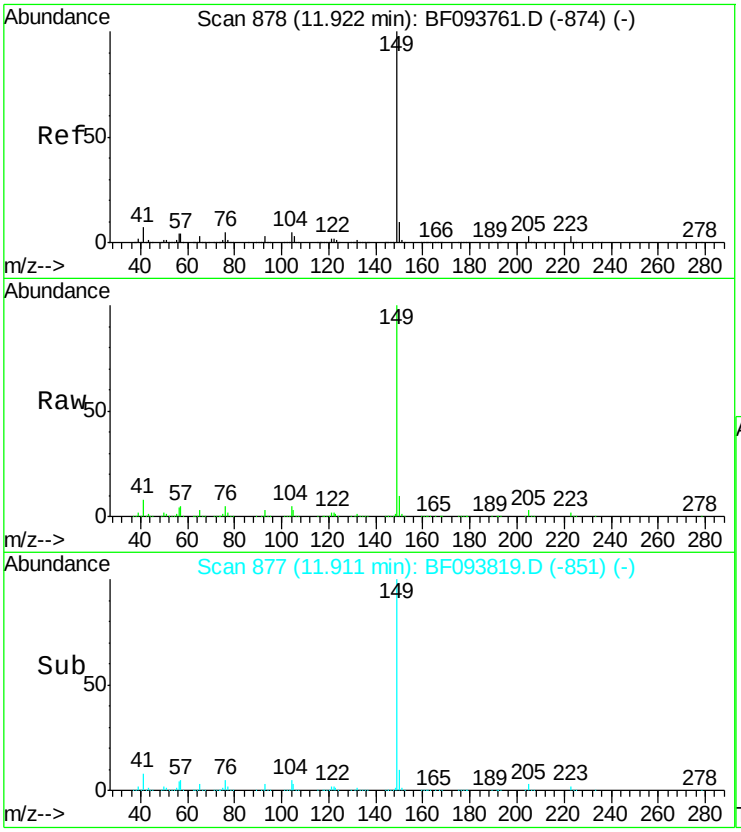




#72
Carbazole
Concen: 35.23 ng
RT: 11.57 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:167 Resp: 1135292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 18.1 | 27.1 |
| 139 | 14.4 | 11.7 | 17.5 |



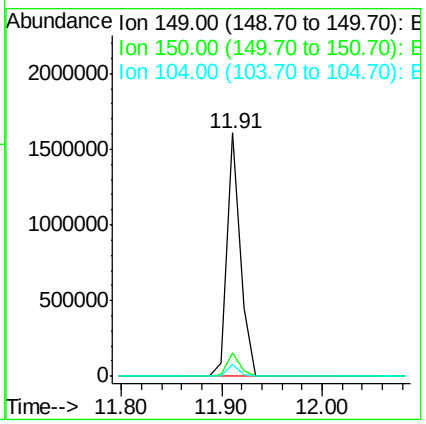


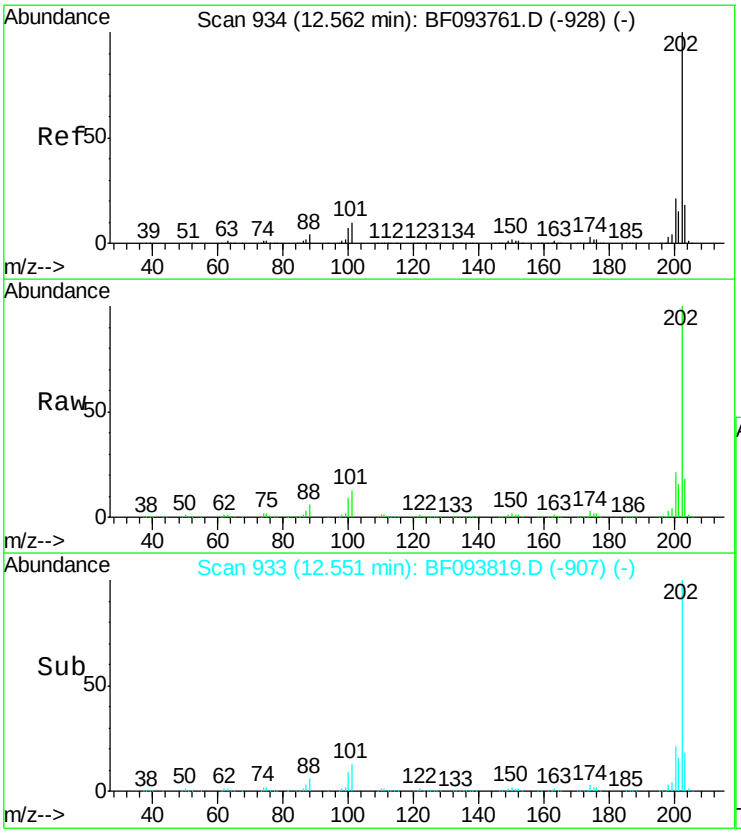

#73
Di-n-butylphthalate
Concen: 42.52 ng
RT: 11.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:149 Resp: 1474666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.7 | 11.5 |
| 104 | 5.0 | 4.0 | 6.0 |

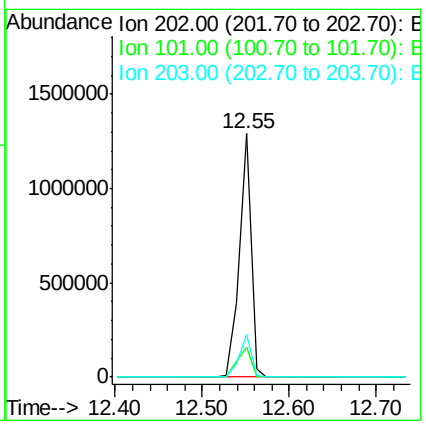


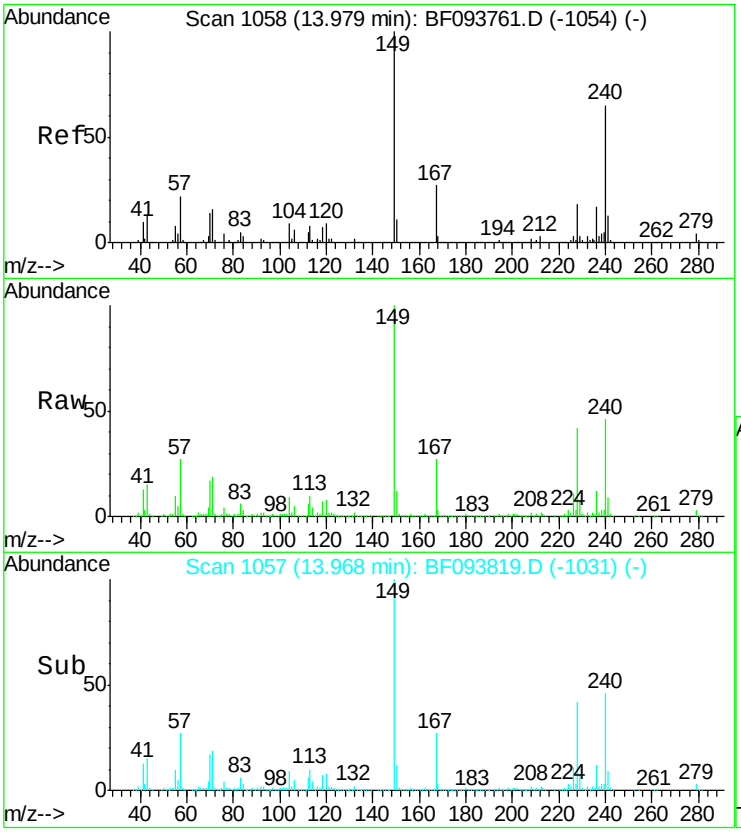




#74
Fluoranthene
Concen: 36.77 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:202 Resp: 1194866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 33.2 |
| 203 | 17.7 | 0.0 | 38.1 |



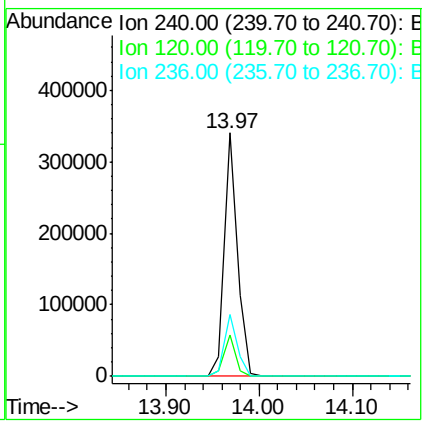


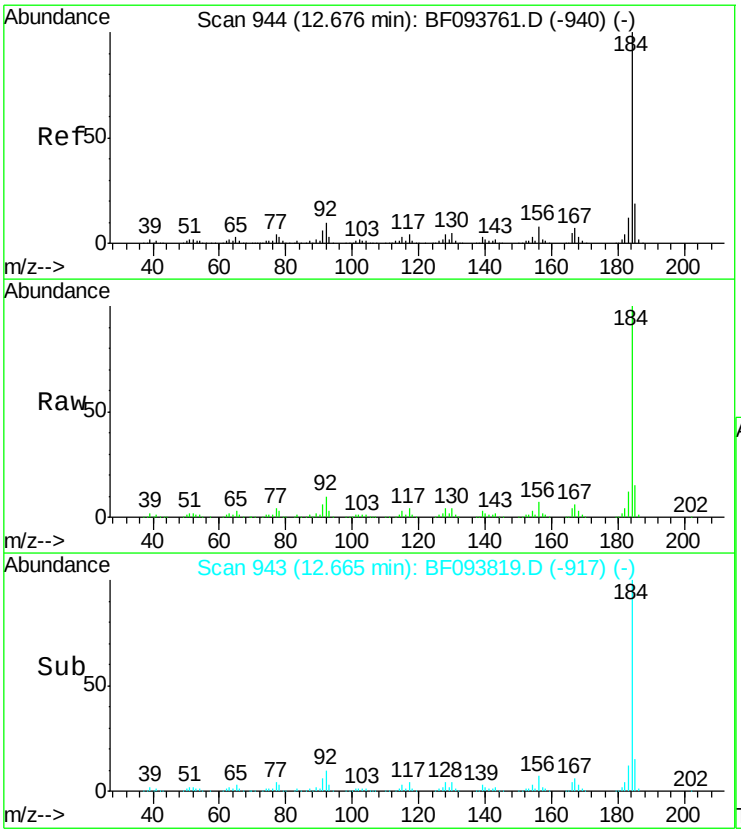

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:240 Resp: 336048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.8 | 5.8 | 8.8# |
| 236 | 25.5 | 20.5 | 30.7 |

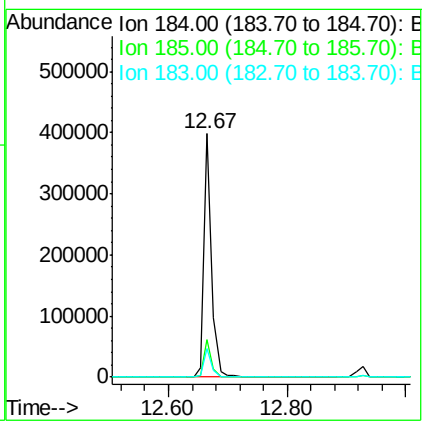


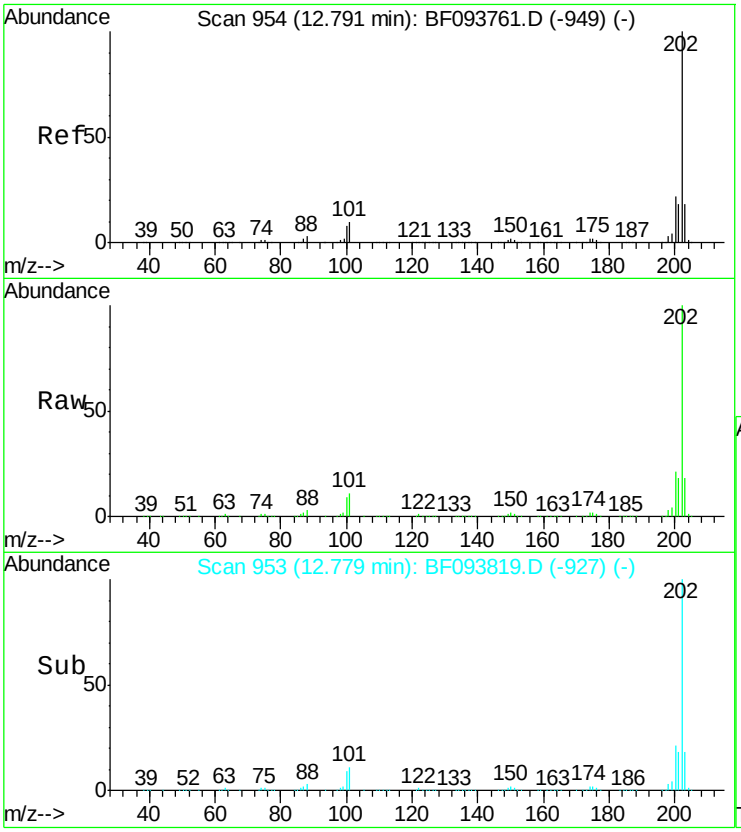




#76
Benzidine
Concen: 24.95 ng
RT: 12.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:184 Resp: 367814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.5 | 15.5 | 23.3# |
| 183 | 11.8 | 9.8 | 14.6 |



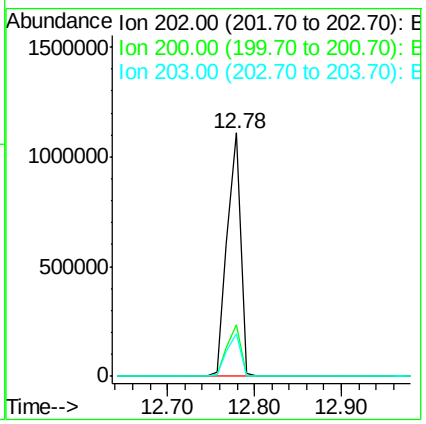


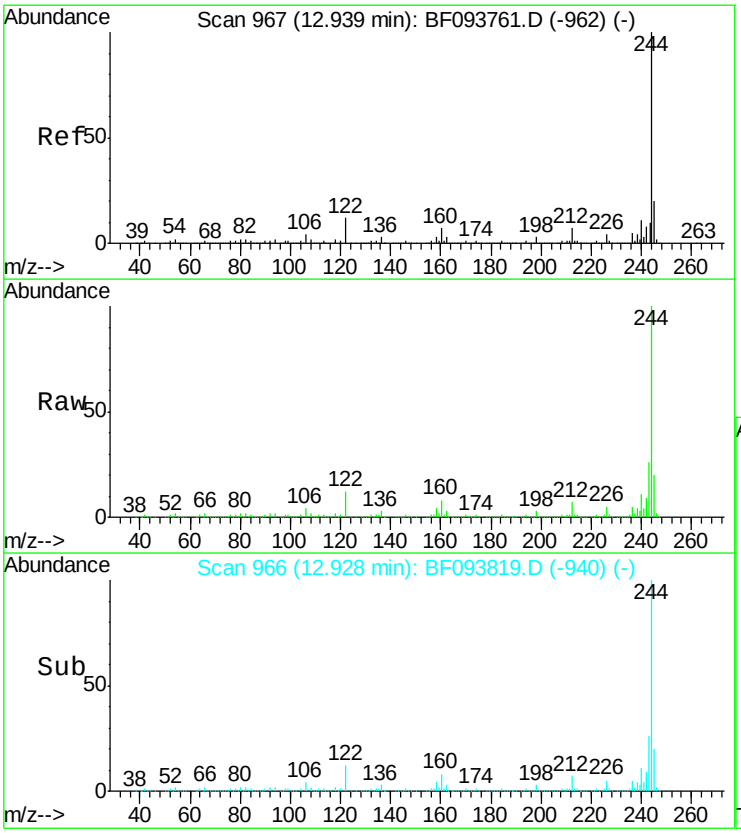

#77
Pyrene
Concen: 43.04 ng
RT: 12.78 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:202 Resp: 1203529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.6 | 26.4 |
| 203 | 17.6 | 14.4 | 21.6 |

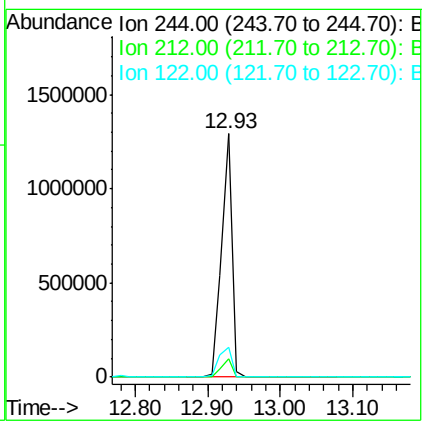


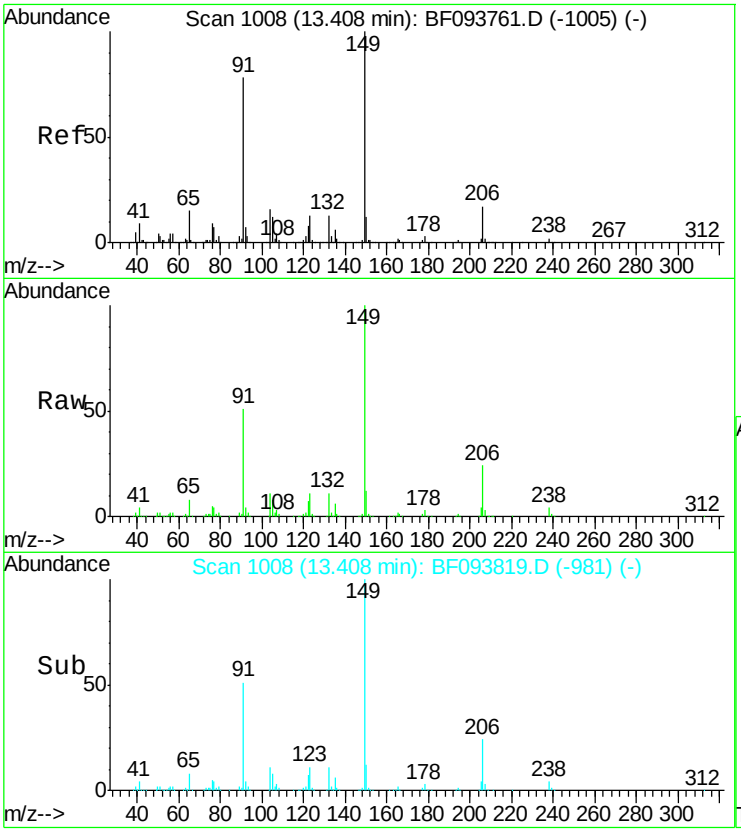




#78
Terphenyl-d14
Concen: 78.52 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:244 Resp: 1294190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.0 | 9.0 |
| 122 | 12.0 | 10.3 | 15.5 |



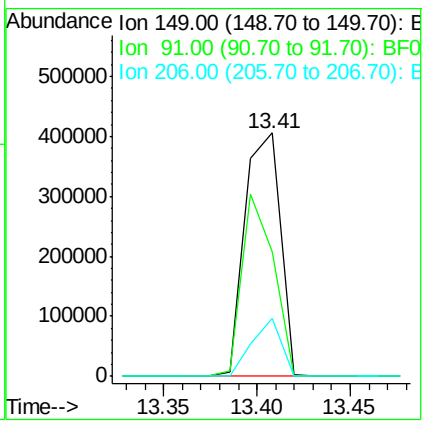


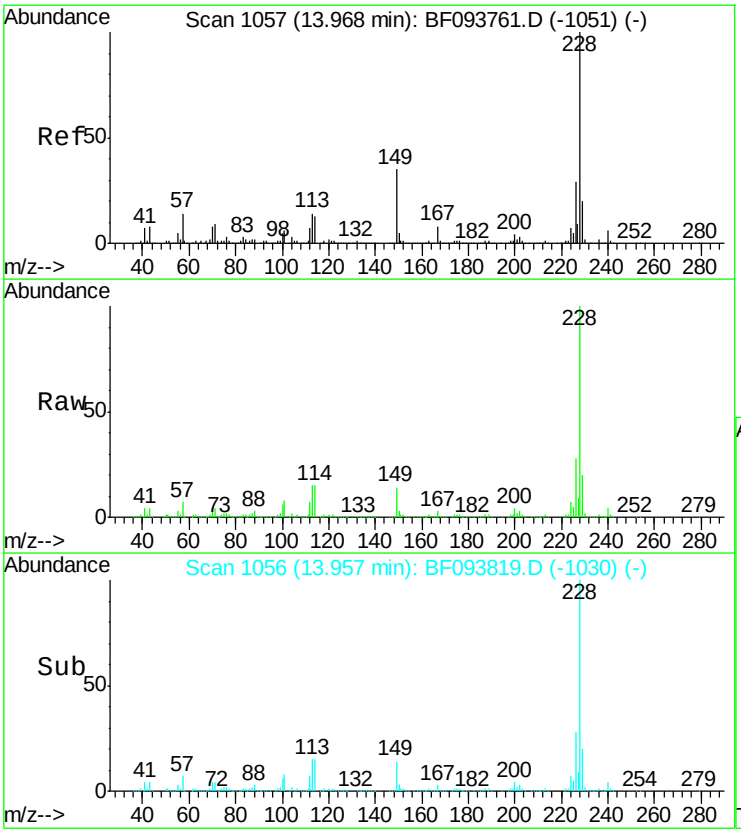

#79
Butylbenzylphthalate
Concen: 42.83 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:149 Resp: 535332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 51.3 | 45.0 | 67.4 |
| 206 | 23.6 | 17.0 | 25.6 |

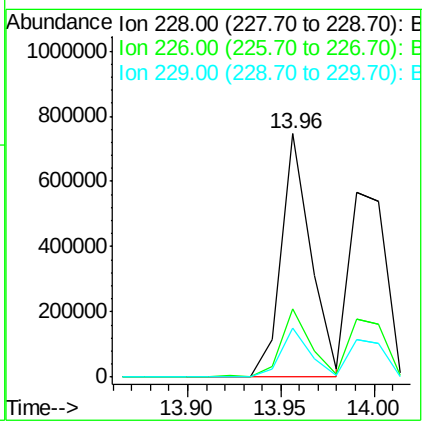


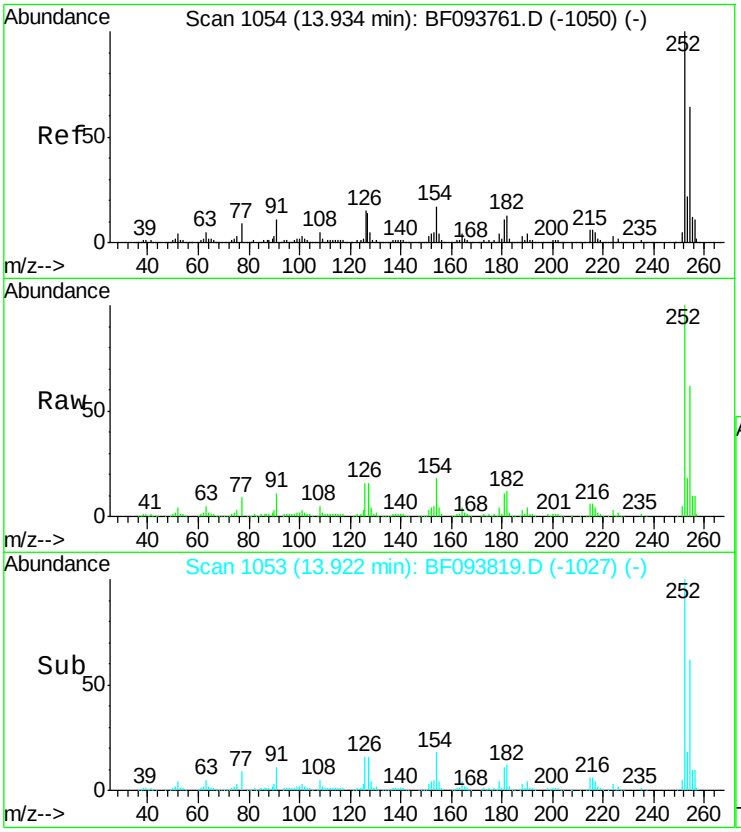




#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 13.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:228 Resp: 822195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.6 | 33.8 |
| 229 | 20.3 | 16.3 | 24.5 |



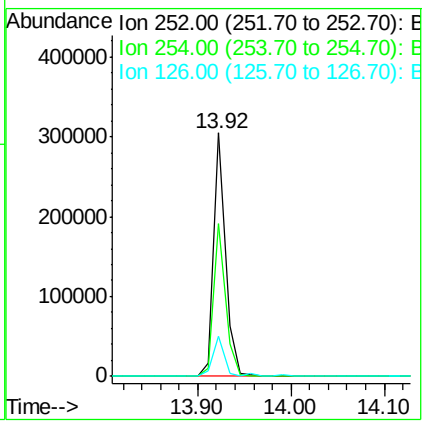


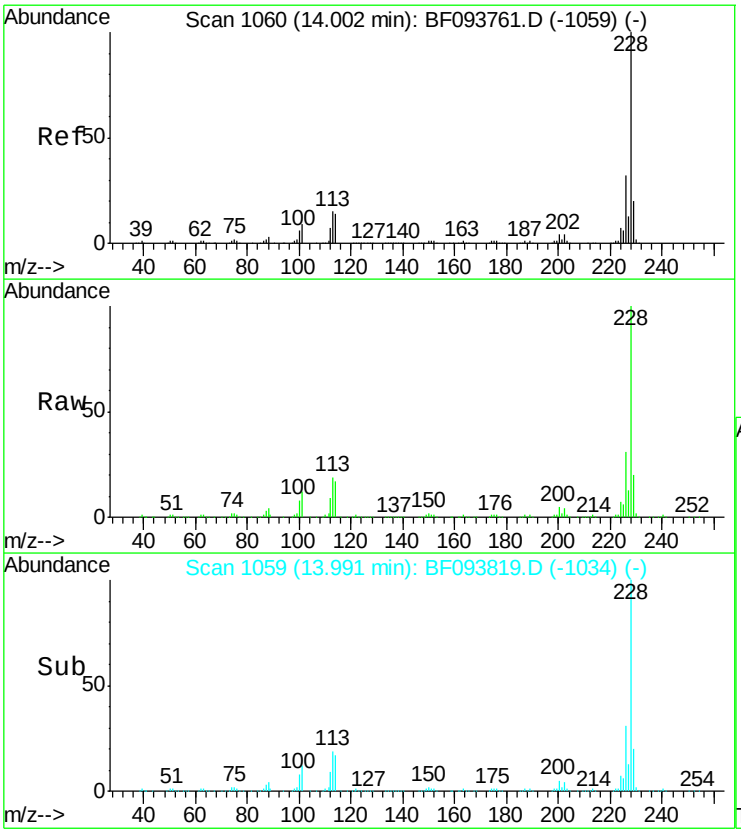

#81
3,3'-Dichlorobenzidine
Concen: 33.91 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:252 Resp: 268944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.5 | 51.5 | 77.3 |
| 126 | 16.2 | 15.8 | 23.8 |

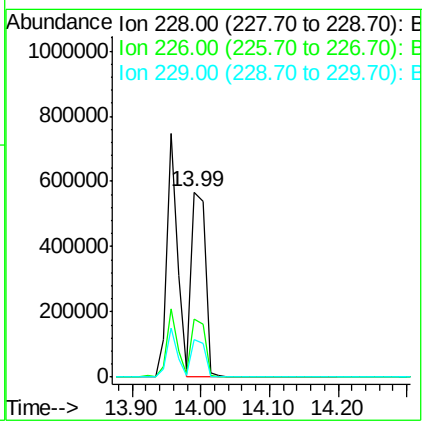


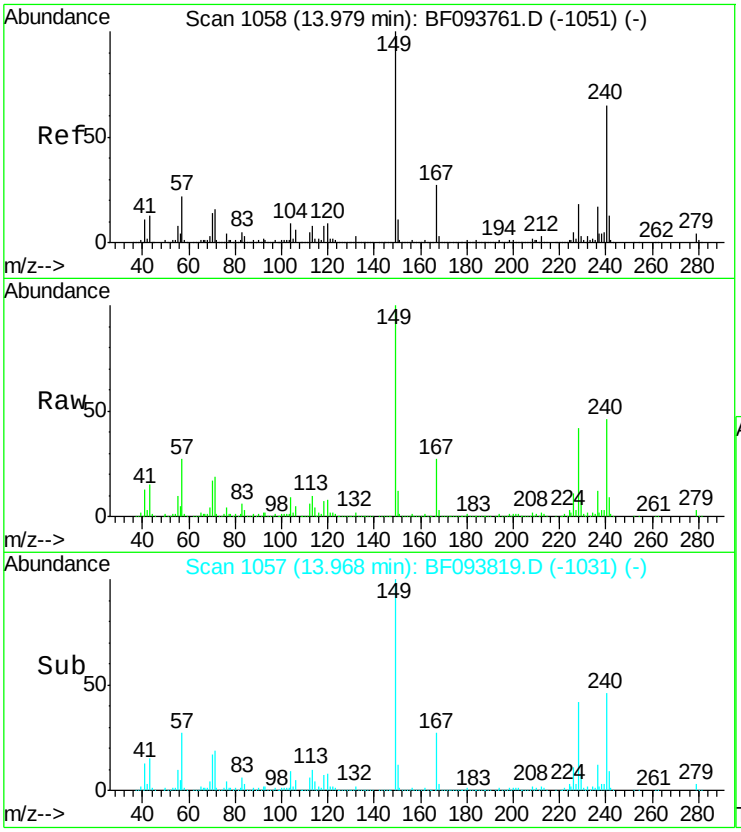




#82
Chrysene
Concen: 37.07 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:228 Resp: 779724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.9 | 37.3 |
| 229 | 20.5 | 15.8 | 23.6 |



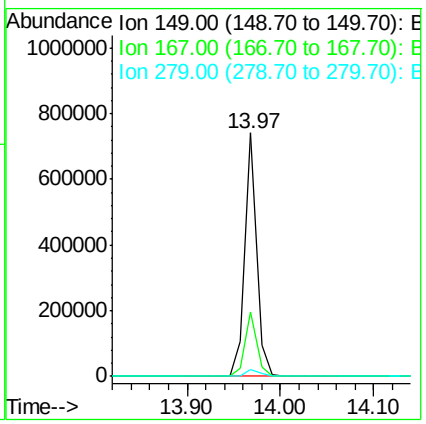


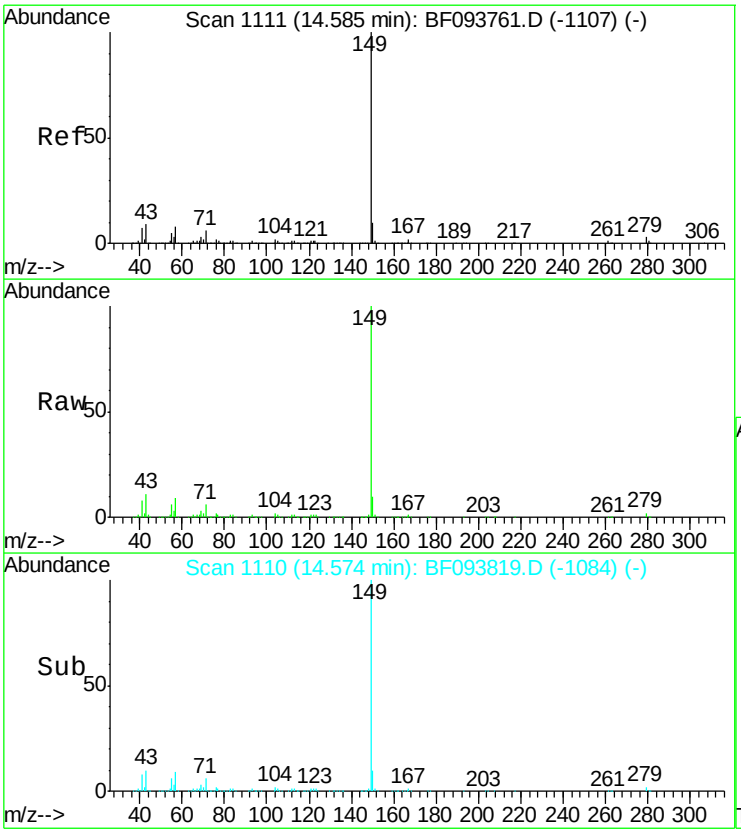

#83
Bis(2-ethylhexyl)phthalate
Concen: 43.44 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:149 Resp: 653990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 21.0 | 31.4 |
| 279 | 2.7 | 1.9 | 2.9 |

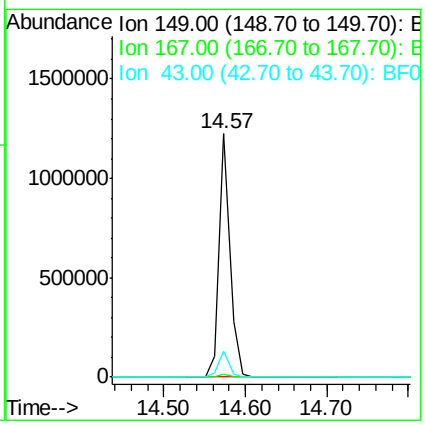


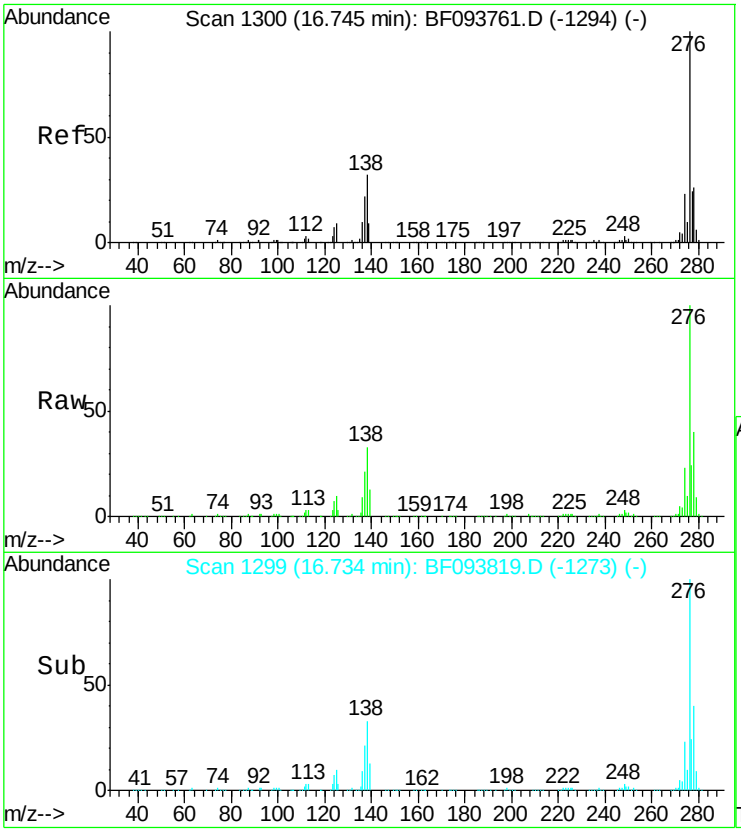




#84
Di-n-octyl phthalate
Concen: 40.68 ng
RT: 14.57 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:149 Resp: 1117464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.3 | 8.5 | 12.7 |



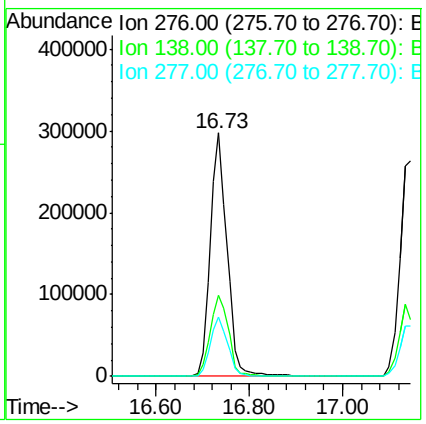


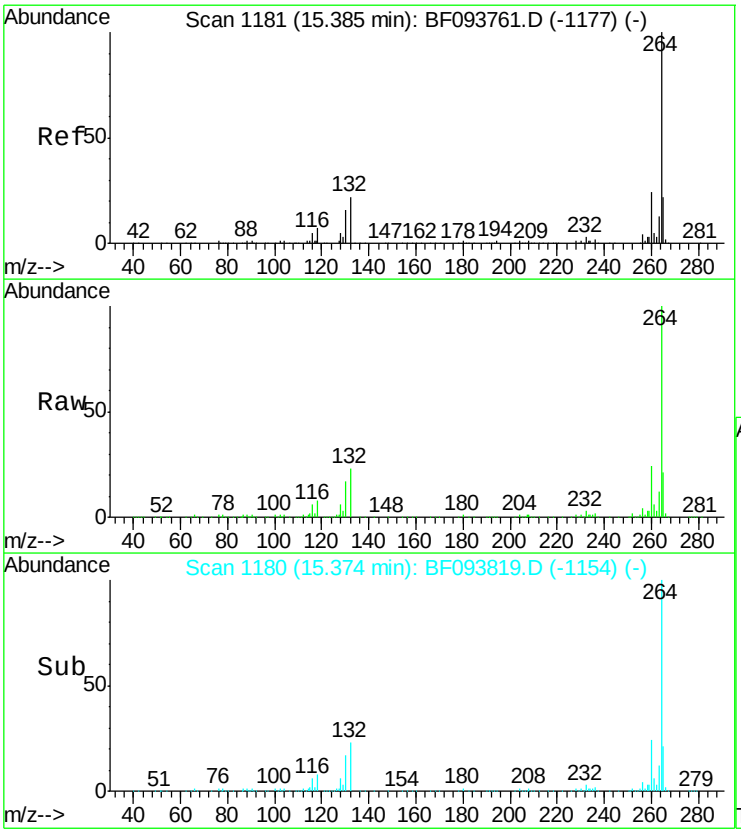

#85
Indeno(1,2,3-cd)pyrene
Concen: 43.30 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:276 Resp: 745658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 35.9 | 27.8 | 41.6 |
| 277 | 25.0 | 20.2 | 30.4 |

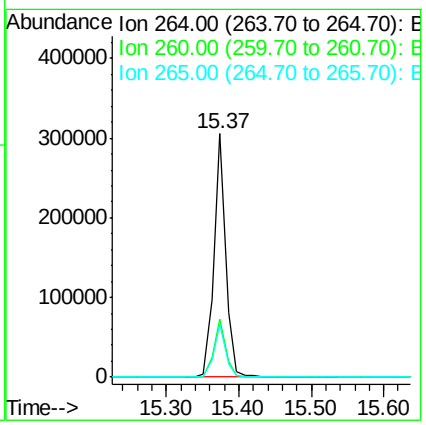


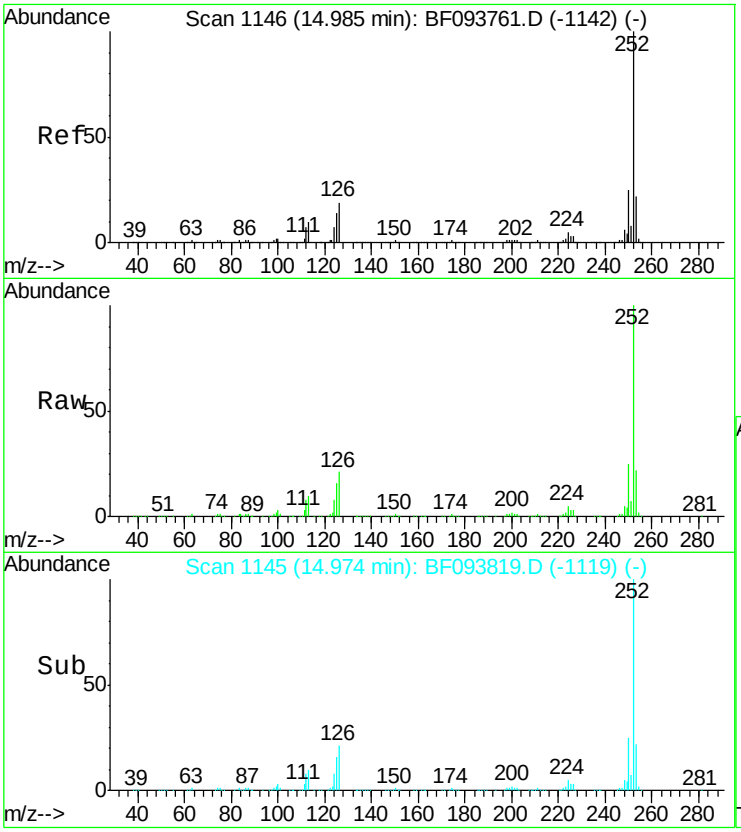




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:264 Resp: 345915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.5 | 29.3 |
| 265 | 21.5 | 17.2 | 25.8 |



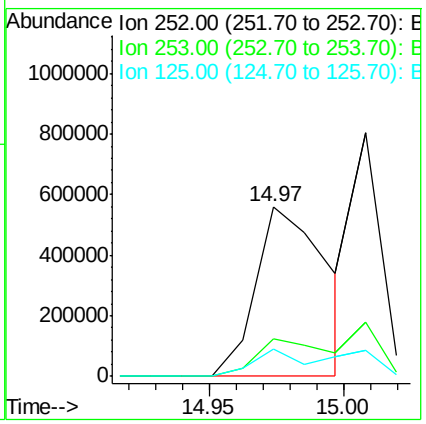


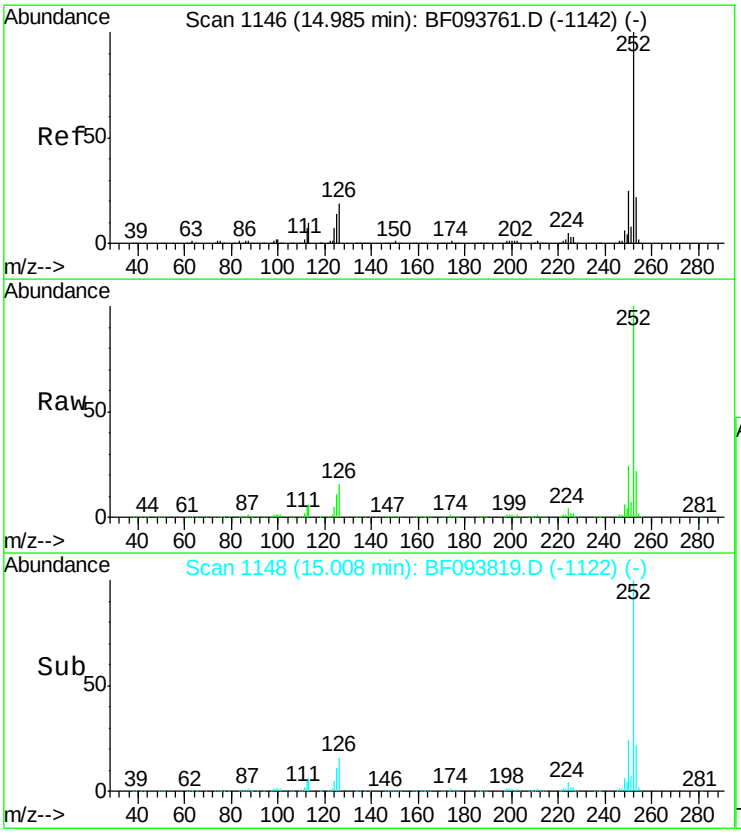

#87
Benzo(b)fluoranthene
Concen: 43.98 ng m
RT: 14.97 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:252 Resp: 1025698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.1 | 27.1 |
| 125 | 15.9 | 9.8 | 14.8# |

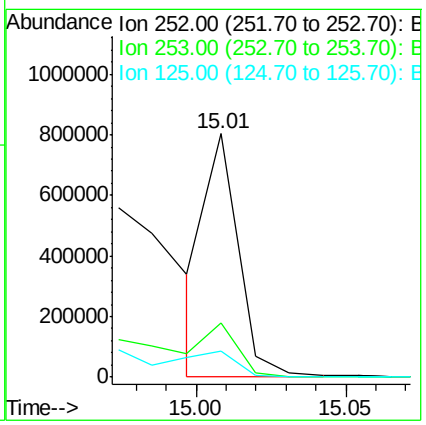


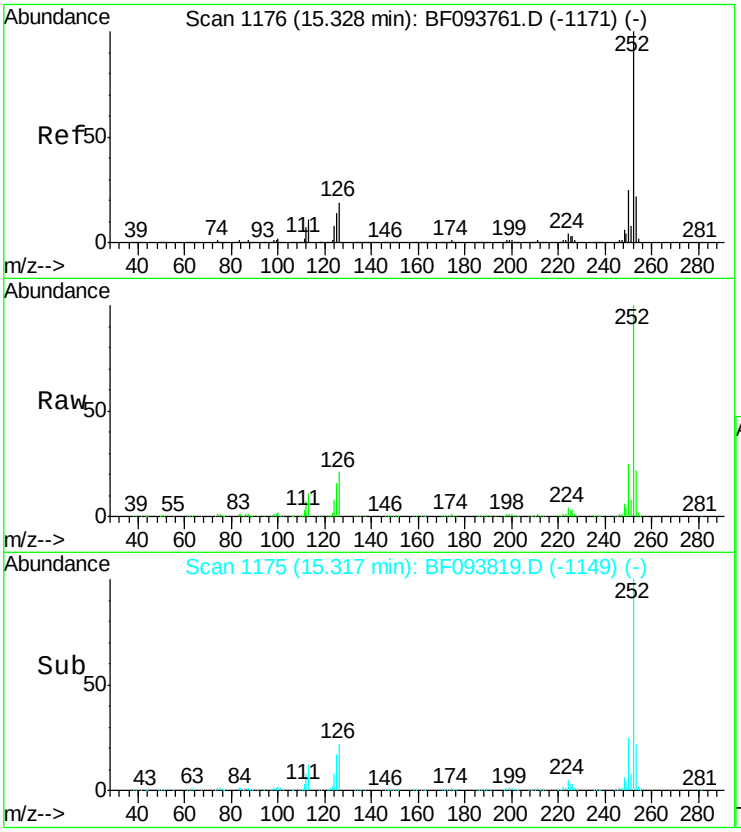




#88
Benzo(k)fluoranthene
Concen: 35.50 ng m
RT: 15.01 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:252 Resp: 611249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.4 | 27.6 |
| 125 | 10.8 | 13.1 | 19.7# |



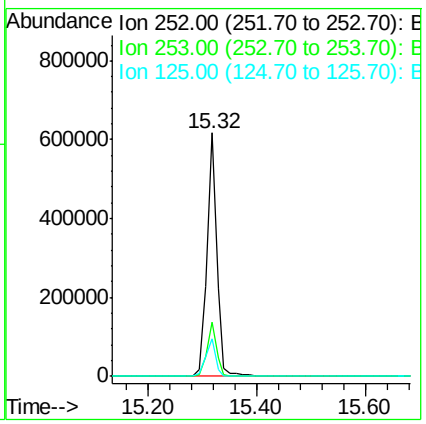


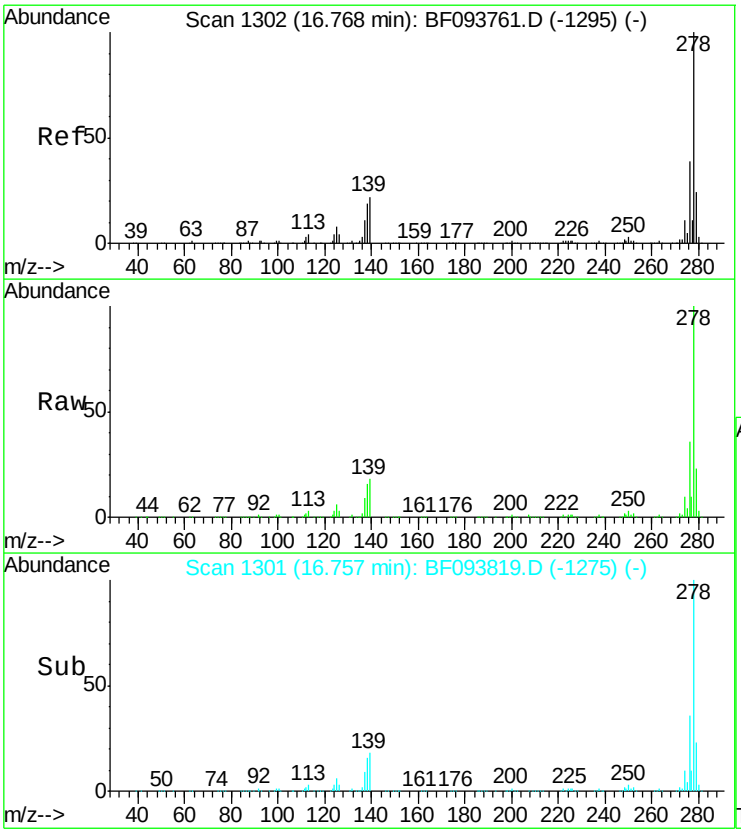

#89
Benzo(a)pyrene
Concen: 41.33 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:252 Resp: 781455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.5 | 26.3 |
| 125 | 15.7 | 11.0 | 16.4 |

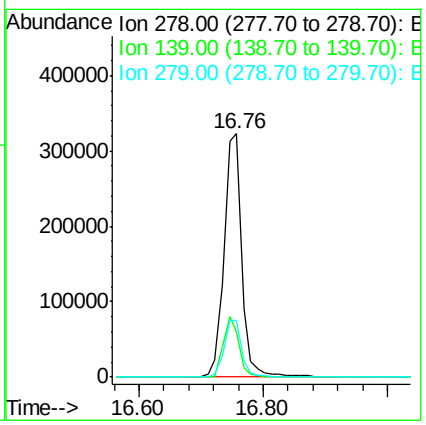


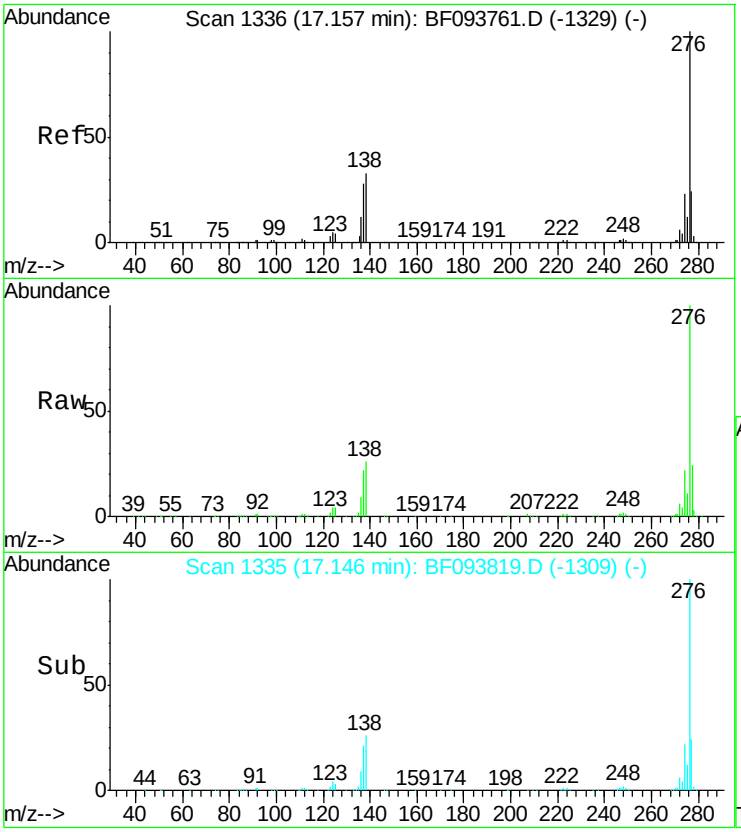




#90
Dibenzo(a,h)anthracene
Concen: 40.69 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:278 Resp: 638898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.4 | 16.6 | 24.8 |
| 279 | 23.4 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 38.22 ng
RT: 17.15 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
PB97716BSD

Tgt Ion:276 Resp: 595586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.6 | 28.0 |
| 138 | 26.0 | 25.4 | 38.0 |