Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097676.D
Acq On : 13 Aug 2017 16:03
Operator : SJ/JU
Sample : I4703-01MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-G9-BASEMSD

Quant Time: Aug 14 05:33:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.50 | 152 | 107897 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.53 | 136 | 450414 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 12.36 | 164 | 176606 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 14.75 | 188 | 242005 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 18.45 | 240 | 185192 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 20.12 | 264 | 167203 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 571861 | 84.24 | ng | | 0.03 |
| 7) Phenol-d6 | 7.07 | 99 | 693912 | 82.41 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 8.42 | 82 | 406191 | 56.55 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.65 | 330 | 89998 | 67.04 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 11.30 | 172 | 568697 | 48.60 | ng | | -0.02 |
| 78) Terphenyl-d14 | 17.10 | 244 | 344576 | 38.51 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.85 | 88 | 67765 | 23.00 | ng | # | 62 |
| 3) Pyridine | 2.44 | 79 | 191771 | 22.32 | ng | # | 64 |
| 4) n-Nitrosodimethylamine | 2.40 | 42 | 130413 | 26.16 | ng | # | 76 |
| 6) Aniline | 7.00 | 93 | 241654 | 19.97 | ng | | 99 |
| 8) 2-Chlorophenol | 7.19 | 128 | 218904 | 28.13 | ng | | 93 |
| 9) Benzaldehyde | 6.82 | 77 | 86263 | 15.54 | ng | | 97 |
| 10) Phenol | 7.09 | 94 | 286247 | 31.05 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.14 | 93 | 218638 | 29.56 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 7.40 | 146 | 212616 | 24.40 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.40 | 146 | 212616 | 23.97 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 7.76 | 146 | 204173 | 25.22 | ng | | 97 |
| 15) Benzyl Alcohol | 7.80 | 79 | 179947 | 30.93 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.99 | 45 | 433585 | 26.11 | ng | | 90 |
| 17) 2-Methylphenol | 8.04 | 107 | 163664 | 27.14 | ng | | 99 |
| 18) Hexachloroethane | 8.27 | 117 | 69613 | 22.94 | ng | # | 75 |
| 19) n-Nitroso-di-n-propylamine | 8.22 | 70 | 165955 | 28.33 | ng | # | 80 |
| 20) 3+4-Methylphenols | 8.30 | 107 | 227957 | 30.86 | ng | # | 59 |
| 22) Acetophenone | 8.19 | 105 | 309609 | 29.10 | ng | # | 98 |
| 24) Nitrobenzene | 8.45 | 77 | 227206 | 29.03 | ng | | 94 |
| 25) Isophorone | 8.85 | 82 | 394309 | 29.80 | ng | | 97 |
| 26) 2-Nitrophenol | 8.96 | 139 | 101064 | 25.53 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 9.11 | 122 | 178899 | 27.09 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.22 | 93 | 247660 | 25.90 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 9.40 | 162 | 169047 | 29.04 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 9.46 | 180 | 155086 | 26.87 | ng | | 98 |
| 31) Naphthalene | 9.56 | 128 | 597235 | 26.47 | ng | | 99 |
| 33) 4-Chloroaniline | 9.72 | 127 | 173593 | 18.57 | ng | | 96 |
| 34) Hexachlorobutadiene | 9.78 | 225 | 82040 | 26.02 | ng | | 100 |
| 35) Caprolactam | 10.30 | 113 | 47545 | 25.35 | ng | # | 52 |
| 36) 4-Chloro-3-methylphenol | 10.59 | 107 | 177561 | 27.14 | ng | # | 84 |
| 37) 2-Methylnaphthalene | 10.69 | 142 | 398859 | 28.10 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.97 | 216 | 140869 | 28.17 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 10.95 | 237 | 806 | 11.67 | ng | | 82 |
| 42) 2,4,6-Trichlorophenol | 11.20 | 196 | 91063 | 27.64 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097676.D
Acq On : 13 Aug 2017 16:03
Operator : SJ/JU
Sample : I4703-01MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-G9-BASEMSD

Quant Time: Aug 14 05:33:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 11.30 | 196 | 81422 | 26.16 | ng | | 98 |
| 45) 1,1'-Biphenyl | 11.46 | 154 | 420571 | 27.76 | ng | | 97 |
| 46) 2-Chloronaphthalene | 11.47 | 162 | 311358 | 26.76 | ng | # | 93 |
| 47) 2-Nitroaniline | 11.69 | 65 | 125416 | 27.52 | ng | | 95 |
| 48) Acenaphthylene | 12.12 | 152 | 484423 | 26.19 | ng | | 98 |
| 49) Dimethylphthalate | 12.00 | 163 | 463903 | 34.08 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 12.10 | 165 | 76651 | 27.27 | ng | # | 64 |
| 51) Acenaphthene | 12.40 | 154 | 281328 | 25.38 | ng | | 97 |
| 52) 3-Nitroaniline | 12.37 | 138 | 84981 | 23.09 | ng | | 98 |
| 54) Dibenzofuran | 12.69 | 168 | 431690 | 27.82 | ng | | 100 |
| 55) 4-Nitrophenol | 12.69 | 139 | 165164 | 117.85 | ng | # | 27 |
| 56) 2,4-Dinitrotoluene | 12.77 | 165 | 98038 | 26.13 | ng | # | 80 |
| 57) Fluorene | 13.25 | 166 | 326850 | 25.61 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 12.95 | 232 | 51055 | 23.89 | ng | # | 94 |
| 59) Diethylphthalate | 13.15 | 149 | 389813 | 30.32 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 13.27 | 204 | 144211 | 26.47 | ng | | 95 |
| 61) 4-Nitroaniline | 13.37 | 138 | 80927 | 23.05 | ng | | 92 |
| 62) Azobenzene | 13.53 | 77 | 348840 | 27.28 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 13.47 | 198 | 3447 | 2.33 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 13.49 | 169 | 281299 | 31.45 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 14.06 | 248 | 77443 | 30.84 | ng | | 97 |
| 67) Hexachlorobenzene | 14.14 | 284 | 76290 | 27.89 | ng | # | 90 |
| 68) Atrazine | 14.40 | 200 | 74507 | 33.20 | ng | | 94 |
| 69) Pentachlorophenol | 14.53 | 266 | 5176 | 15.75 | ng | | 98 |
| 70) Phenanthrene | 14.79 | 178 | 384026 | 27.55 | ng | | 98 |
| 71) Anthracene | 14.87 | 178 | 389048 | 27.28 | ng | | 98 |
| 72) Carbazole | 15.17 | 167 | 372908 | 27.47 | ng | | 99 |
| 73) Di-n-butylphthalate | 15.74 | 149 | 507890 | 31.96 | ng | | 98 |
| 74) Fluoranthene | 16.55 | 202 | 344610 | 27.36 | ng | | 98 |
| 76) Benzidine | 16.78 | 184 | 204633 | 33.53 | ng | # | 92 |
| 77) Pyrene | 16.86 | 202 | 345343 | 22.55 | ng | | 99 |
| 79) Butylbenzylphthalate | 17.77 | 149 | 178118 | 27.82 | ng | # | 77 |
| 80) Benzo(a)anthracene | 18.44 | 228 | 292558 | 27.05 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 18.42 | 252 | 104499 | 28.01 | ng | # | 96 |
| 82) Chrysene | 18.48 | 228 | 288574 | 26.82 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 18.52 | 149 | 252372 | 27.71 | ng | | 99 |
| 84) Di-n-octyl phthalate | 19.29 | 149 | 459983 | 28.92 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 21.33 | 276 | 235162 | 28.10 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 19.71 | 252 | 289593 | 28.84 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 19.74 | 252 | 270568 | 26.76 | ng | | 96 |
| 89) Benzo(a)pyrene | 20.06 | 252 | 259297 | 28.14 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 21.33 | 278 | 202658 | 30.71 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 21.68 | 276 | 193365 | 26.71 | ng | | 97 |

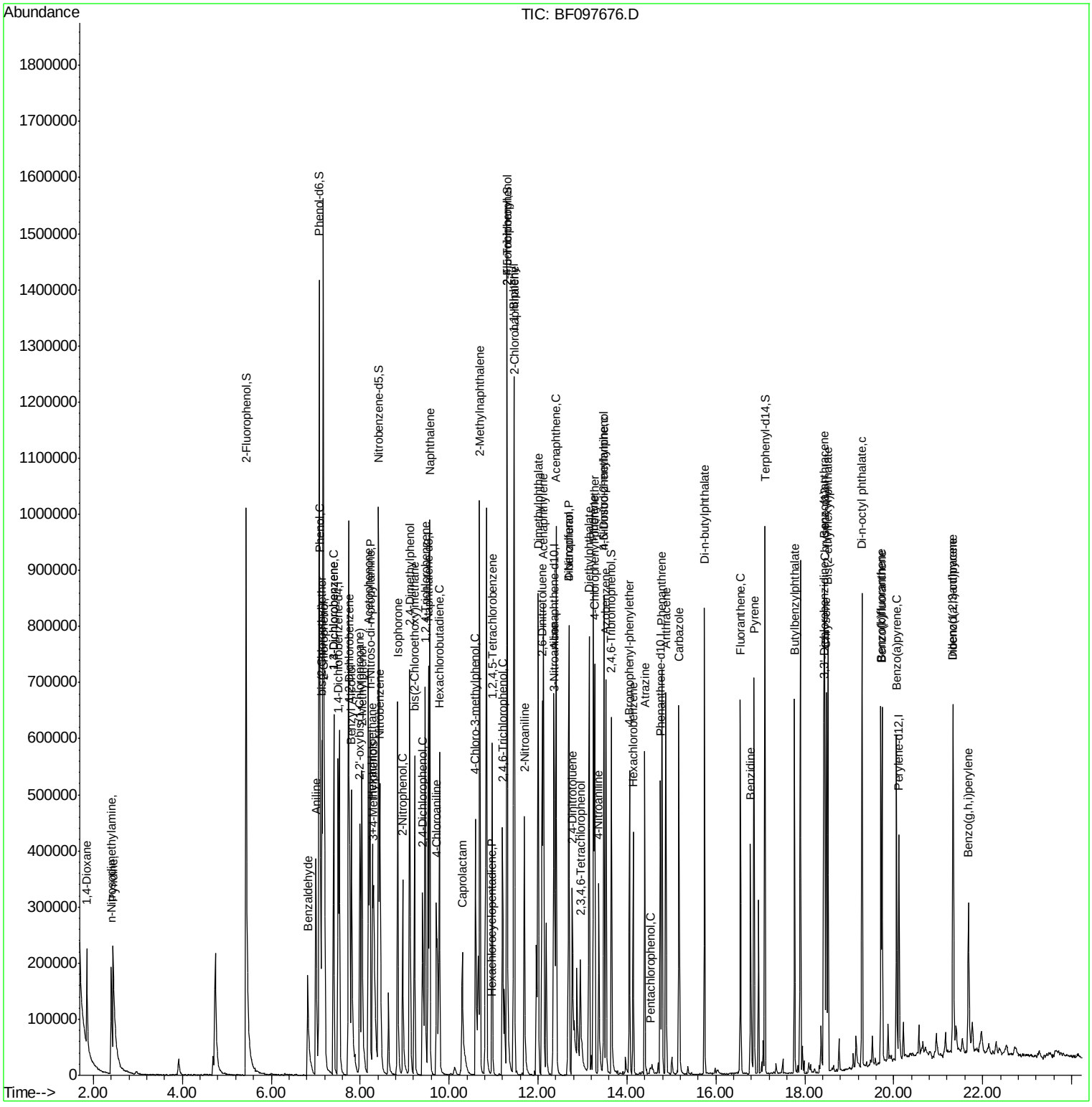
(#) = qualifier out of range (m) = manual integration (+) = signals summed

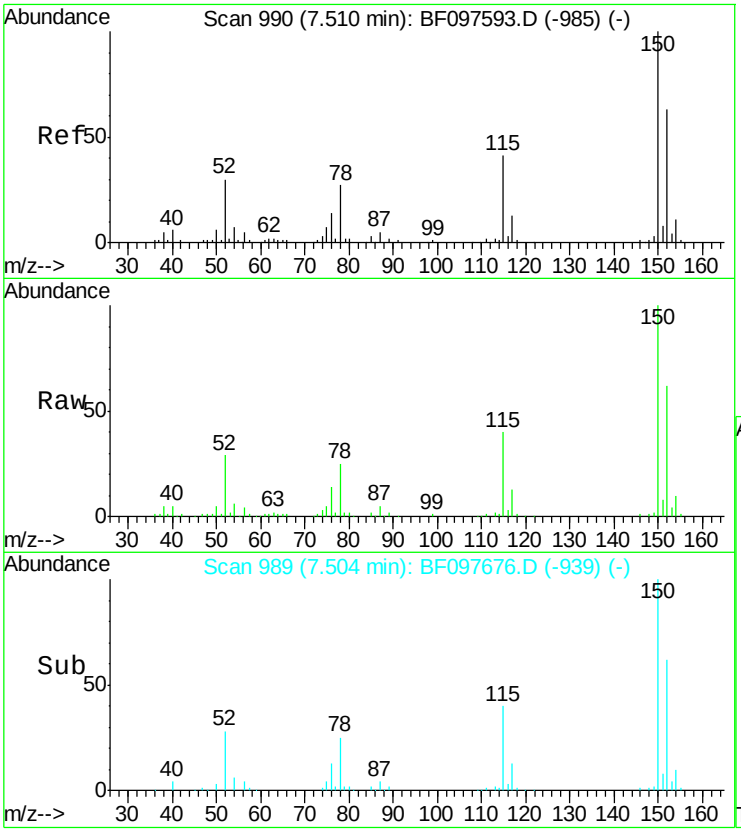
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097676.D
Acq On : 13 Aug 2017 16:03
Operator : SJ/JU
Sample : I4703-01MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Quant Time: Aug 14 05:33:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



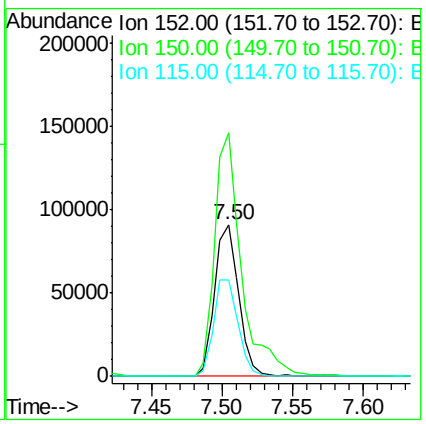


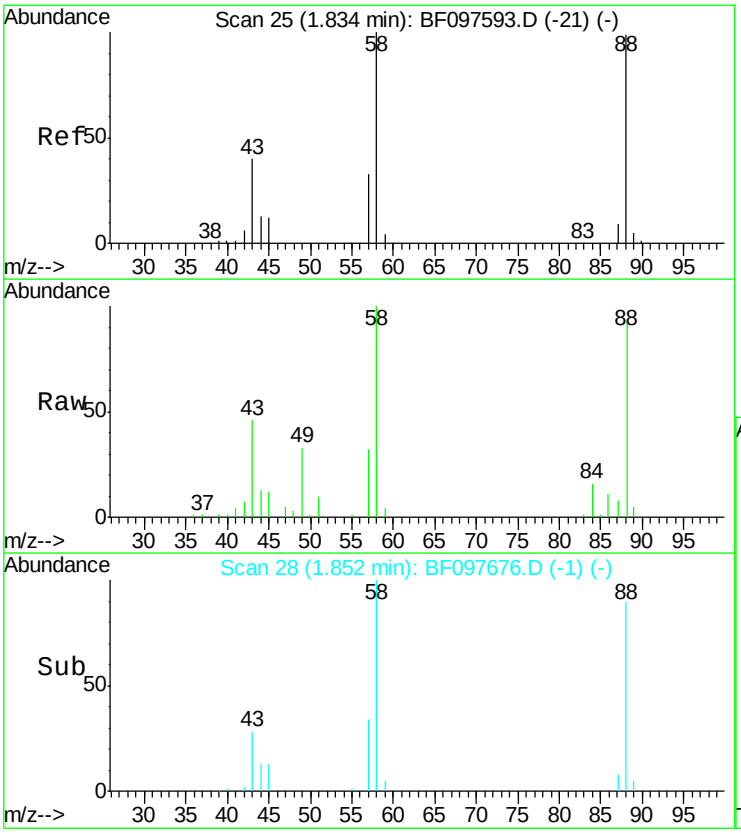

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:152 Resp: 107897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.4 | 126.2 | 189.2 |
| 115 | 63.4 | 52.2 | 78.2 |

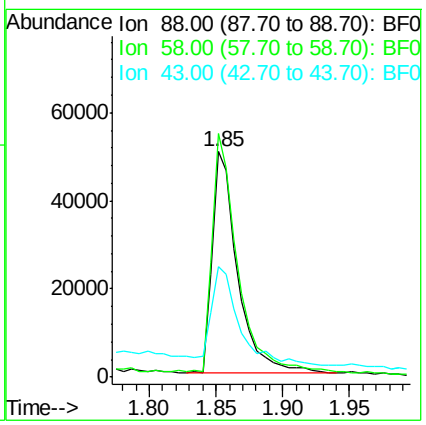


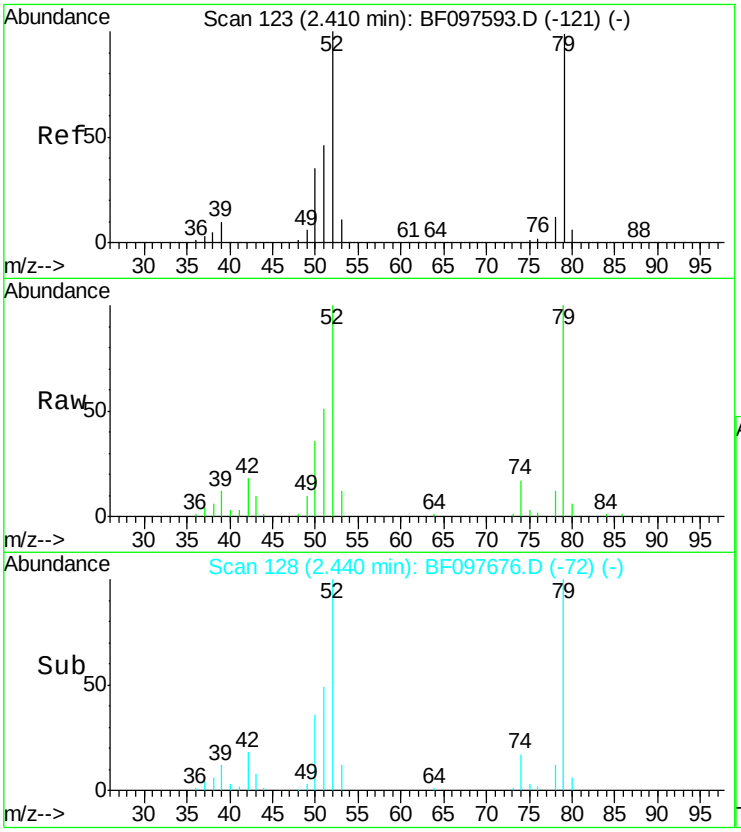




#2
1,4-Dioxane
Concen: 23.00 ng
RT: 1.85 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 88 Resp: 67765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 109.5 | 61.4 | 92.0# |
| 43 | 49.1 | 23.4 | 35.0# |



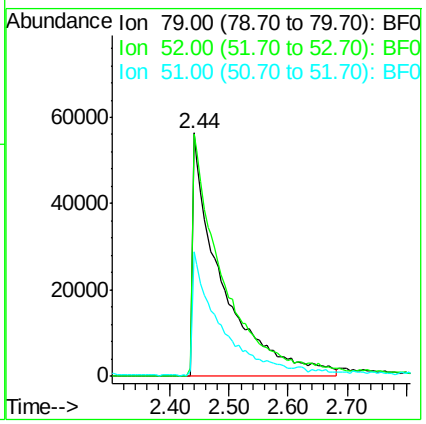


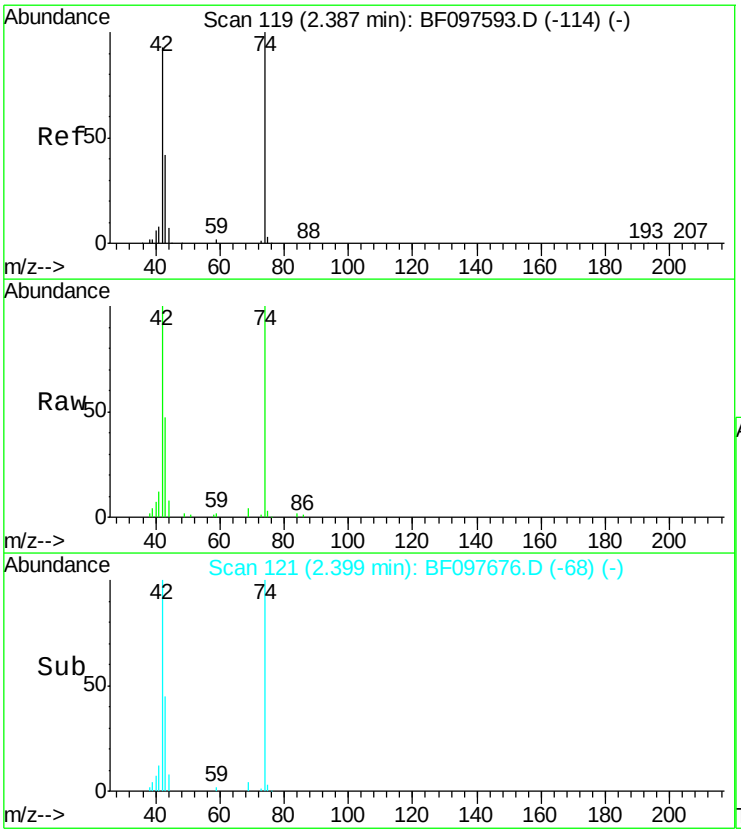

#3
Pyridine
Concen: 22.32 ng
RT: 2.44 min Scan# 128
Delta R.T. 0.03 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 79 Resp: 191771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 99.6 | 54.8 | 82.2# |
| 51 | 51.1 | 27.0 | 40.4# |

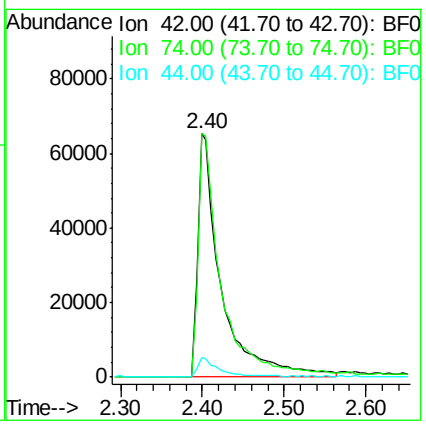


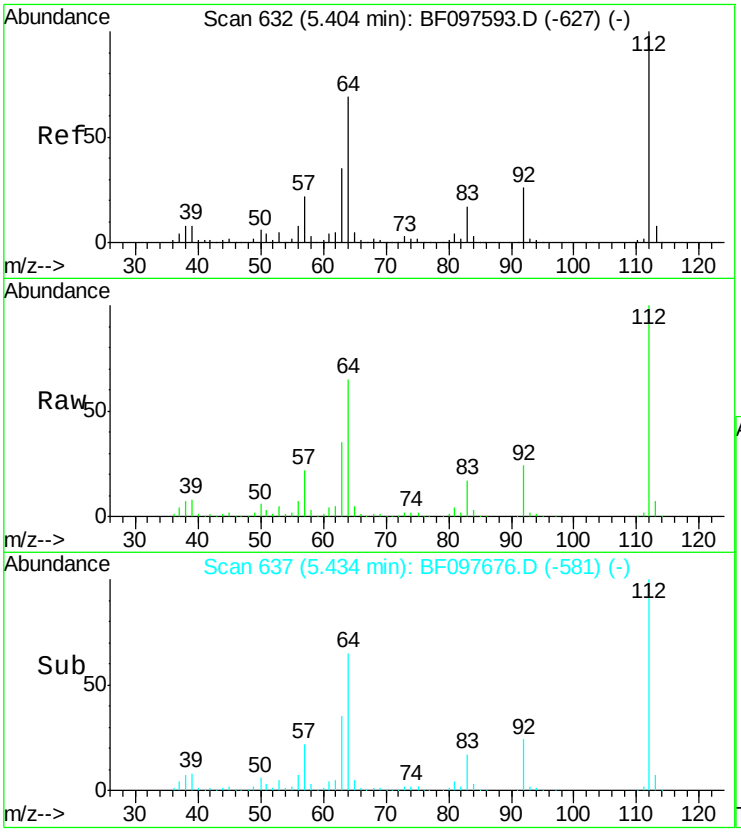




#4
n-Nitrosodimethylamine
Concen: 26.16 ng
RT: 2.40 min Scan# 121
Delta R.T. 0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 42 Resp: 130413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 100.2 | 103.9 | 155.9# |
| 44 | 7.9 | 5.7 | 8.5 |



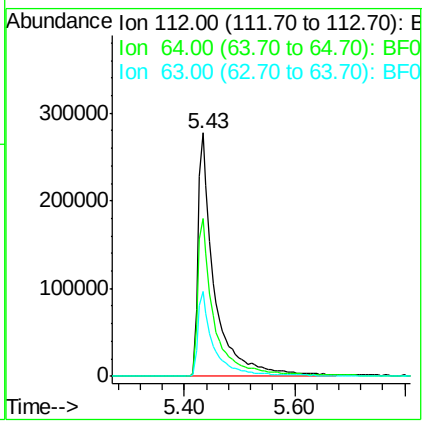


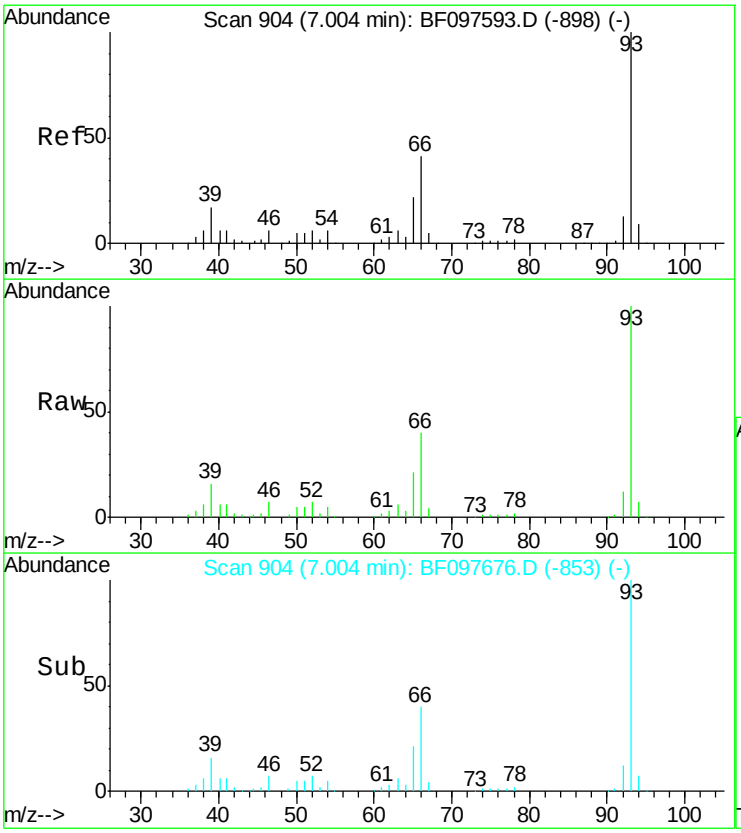

#5
2-Fluorophenol
Concen: 84.24 ng
RT: 5.43 min Scan# 637
Delta R.T. 0.03 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:112 Resp: 571861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.8 | 46.0 | 69.0 |
| 63 | 34.6 | 23.4 | 35.0 |

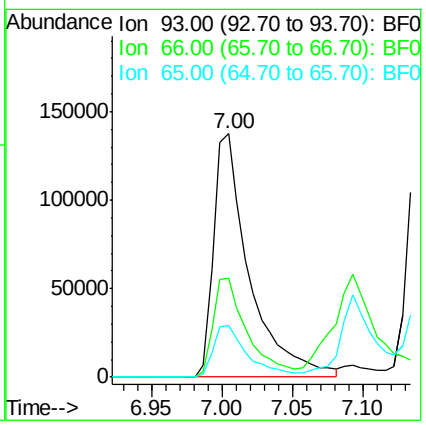


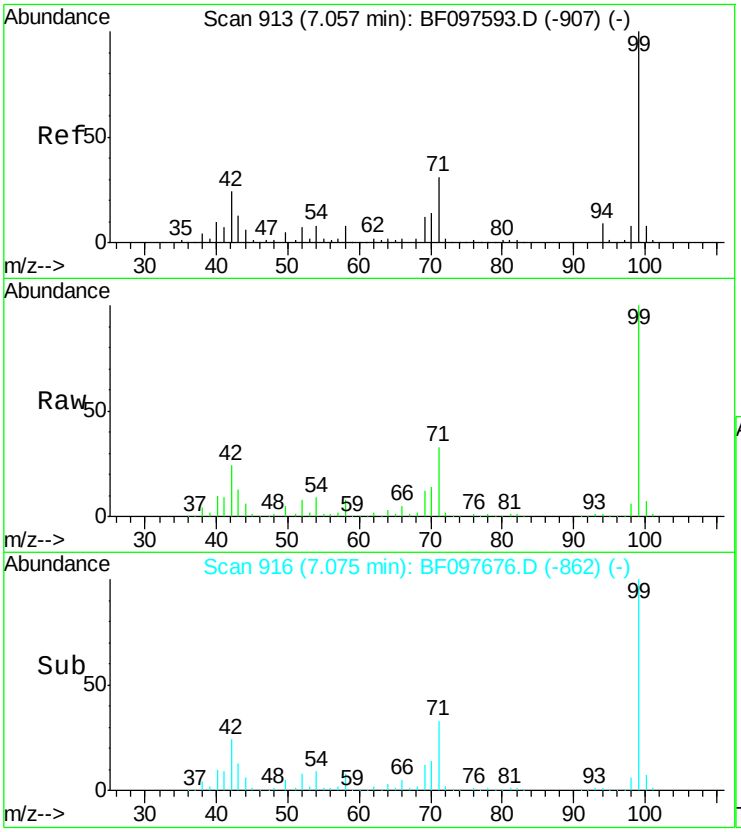




#6
Aniline
Concen: 19.97 ng
RT: 7.00 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 93 Resp: 241654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.4 | 32.9 | 49.3 |
| 65 | 21.0 | 16.0 | 24.0 |



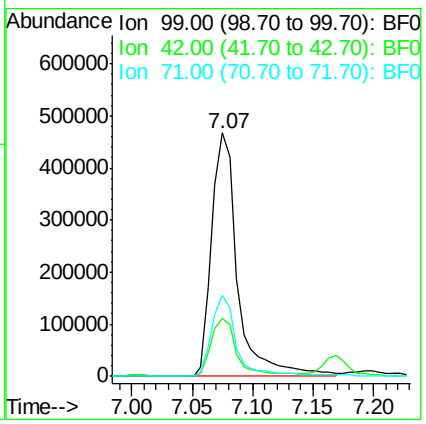


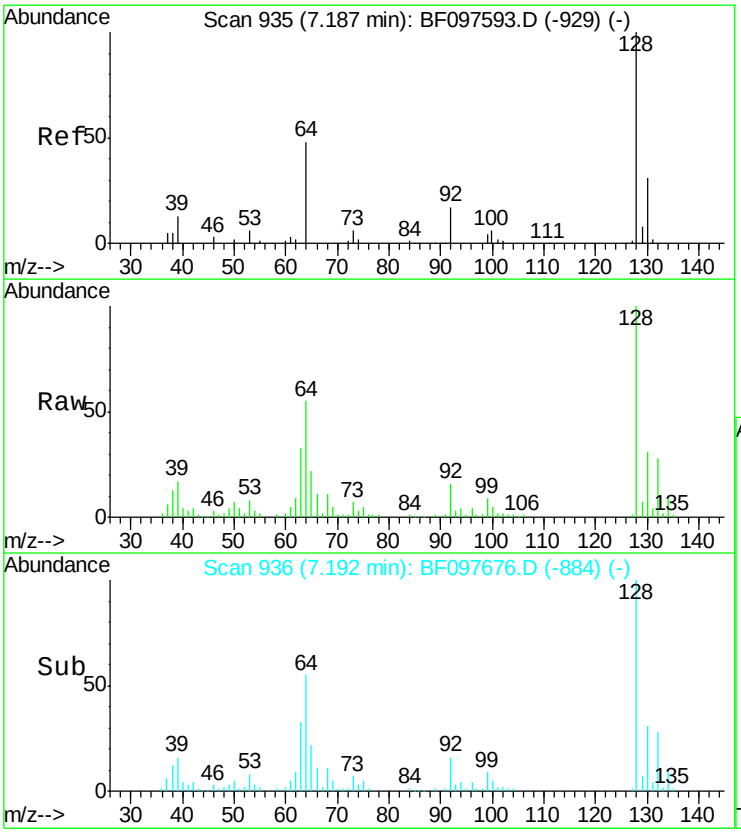

#7
Phenol-d6
Concen: 82.41 ng
RT: 7.07 min Scan# 916
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 99 Resp: 693912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.6 | 13.5 | 20.3# |
| 71 | 33.1 | 24.5 | 36.7 |

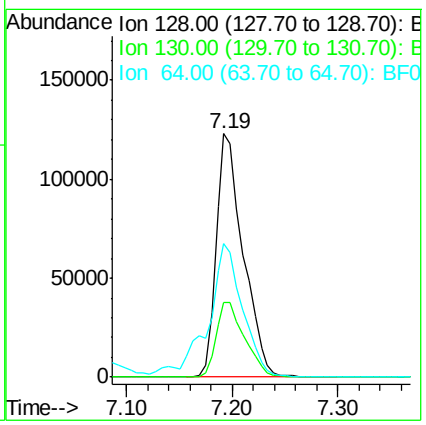


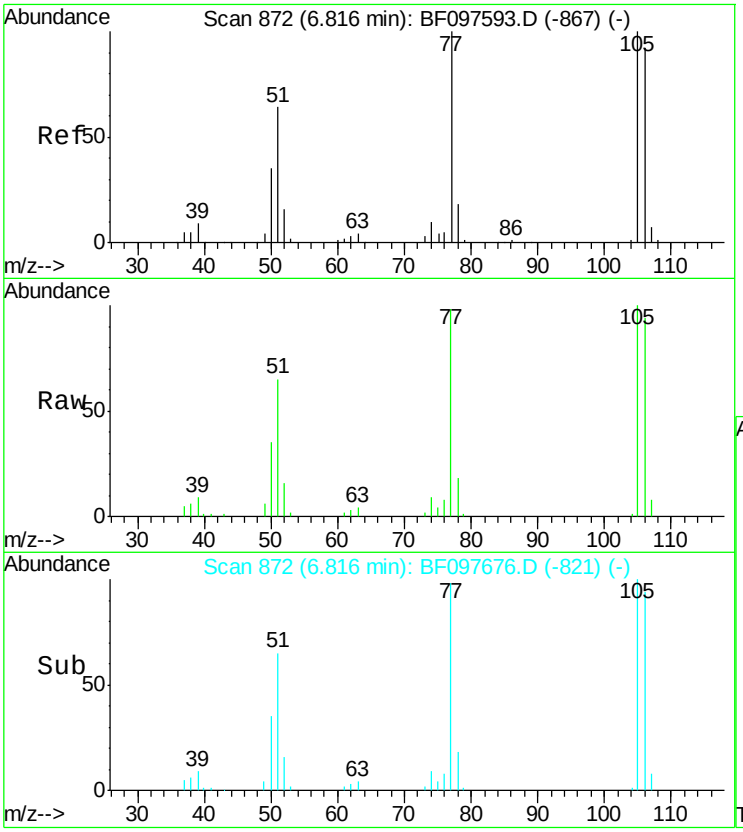




#8
2-Chlorophenol
Concen: 28.13 ng
RT: 7.19 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:128 Resp: 218904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.9 | 12.9 | 52.9 |
| 64 | 55.0 | 28.4 | 68.4 |



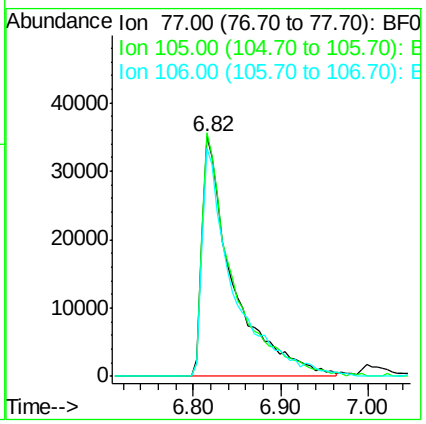


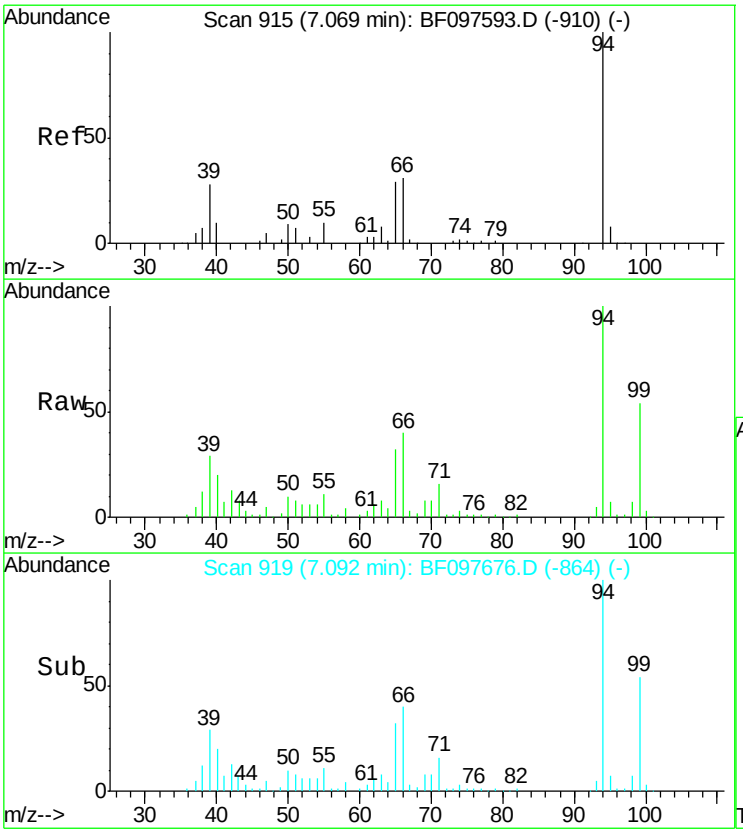

#9
Benzaldehyde
Concen: 15.54 ng
RT: 6.82 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 77 Resp: 86263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.8 | 83.8 | 123.8 |
| 106 | 95.5 | 79.1 | 119.1 |

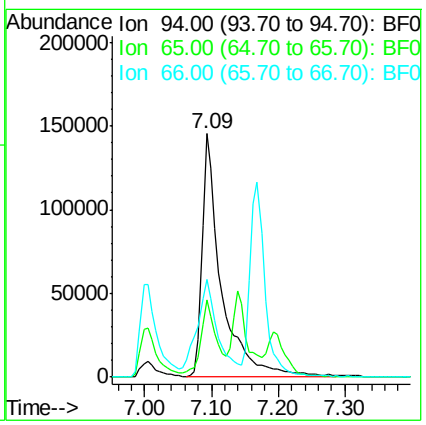


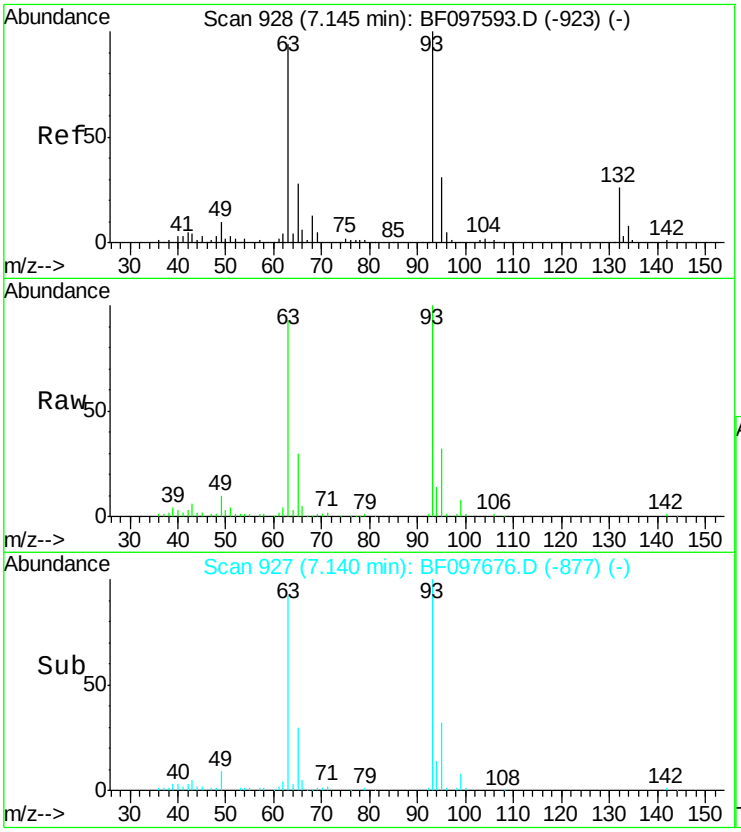




#10
Phenol
Concen: 31.05 ng
RT: 7.09 min Scan# 919
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 94 Resp: 286247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.0 | 9.9 | 49.9 |
| 66 | 40.2 | 23.1 | 63.1 |



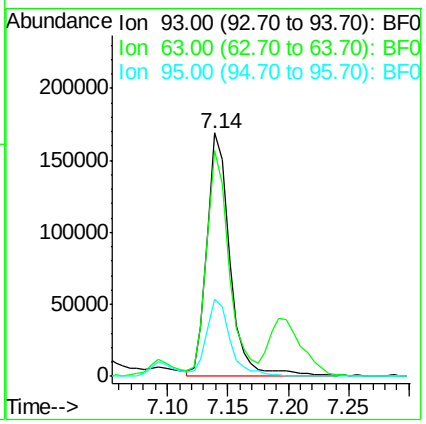


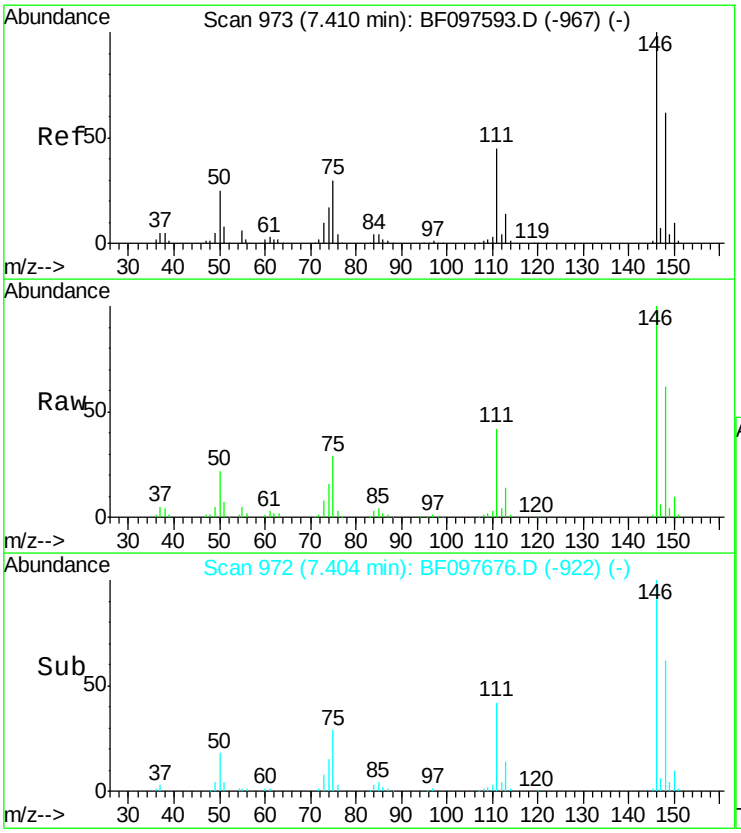

#11
bis(2-Chloroethyl)ether
Concen: 29.56 ng
RT: 7.14 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 93 Resp: 218638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 92.7 | 59.2 | 99.2 |
| 95 | 32.0 | 12.8 | 52.8 |

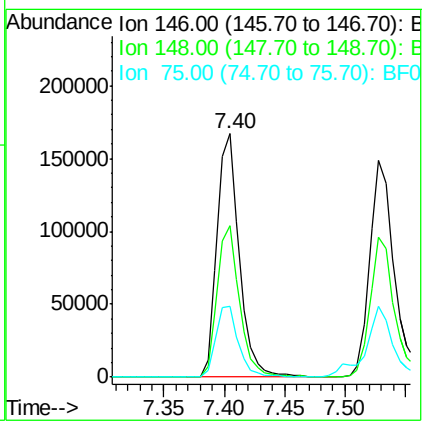


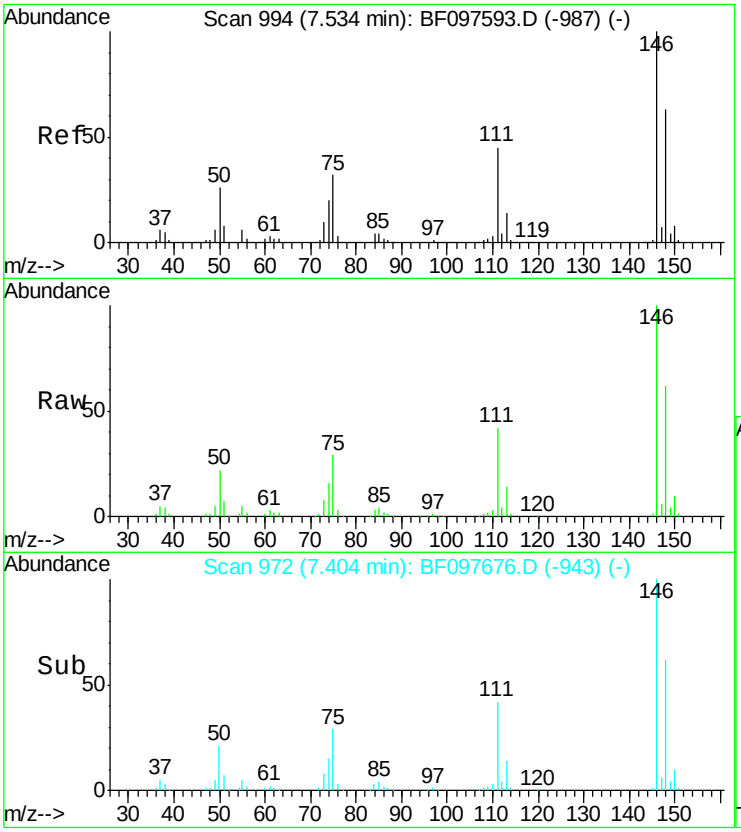




#12
1,3-Dichlorobenzene
Concen: 24.40 ng
RT: 7.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:146 Resp: 212616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 51.8 | 77.6 |
| 75 | 29.3 | 23.1 | 34.7 |



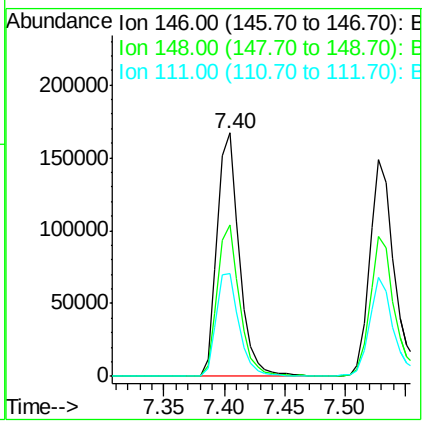


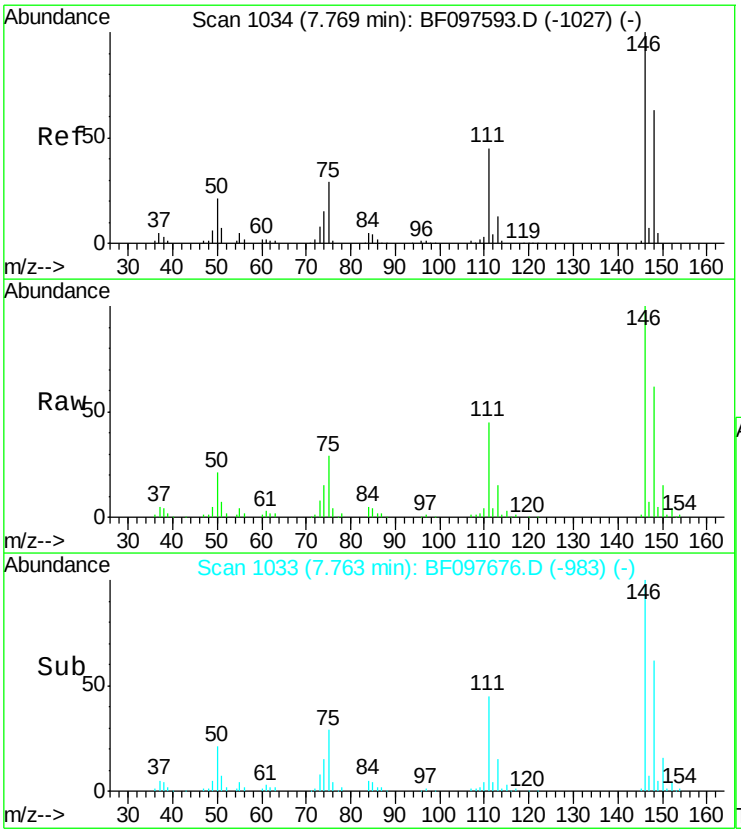

#13
1,4-Dichlorobenzene
Concen: 23.97 ng
RT: 7.40 min Scan# 972
Delta R.T. -0.13 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:146 Resp: 212616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 52.2 | 78.2 |
| 111 | 42.4 | 30.3 | 45.5 |

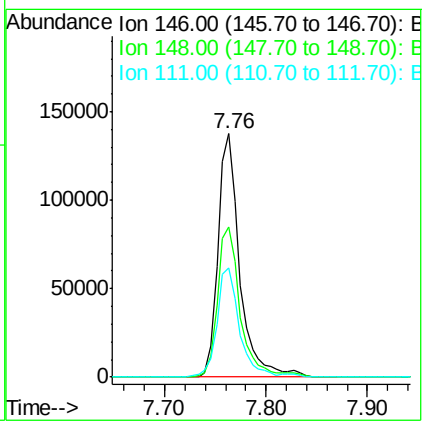


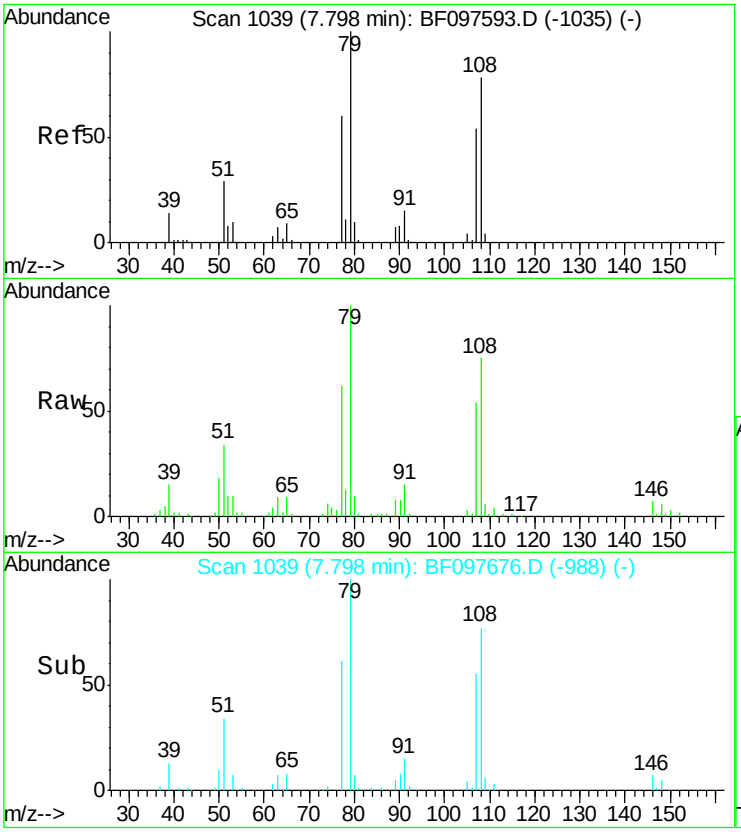




#14
1,2-Dichlorobenzene
Concen: 25.22 ng
RT: 7.76 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:146 Resp: 204173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.9 | 50.4 | 75.6 |
| 111 | 44.8 | 38.2 | 57.4 |



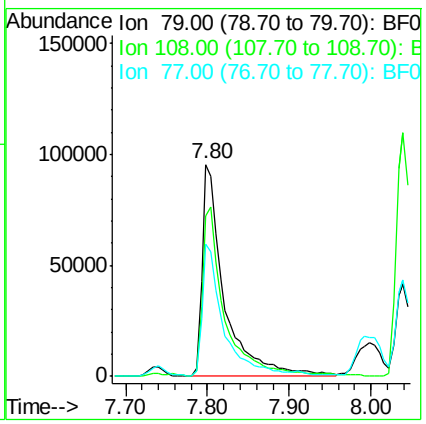


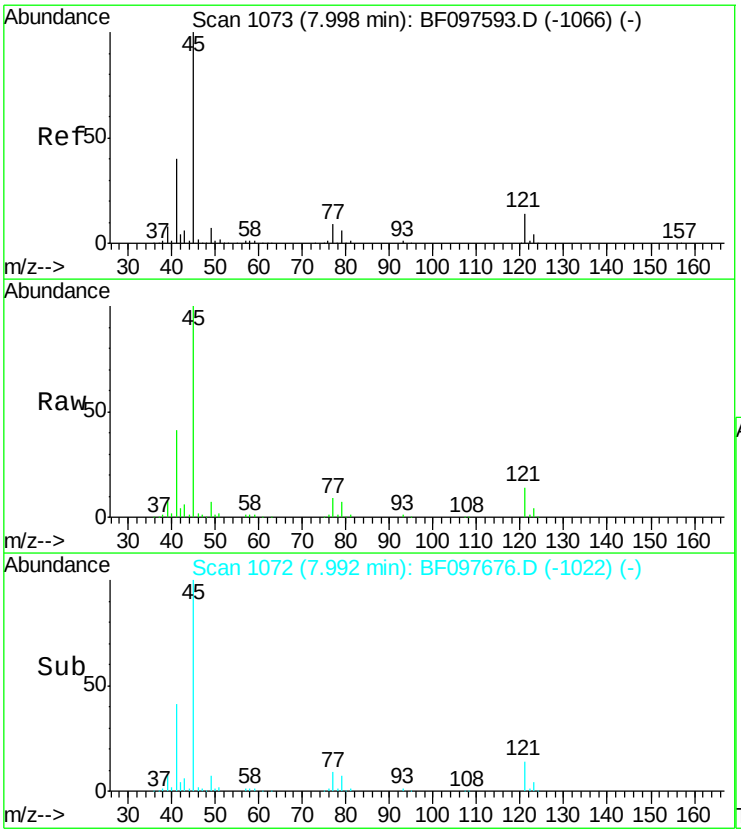

#15
Benzyl Alcohol
Concen: 30.93 ng
RT: 7.80 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 79 Resp: 179947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.4 | 63.4 | 95.0 |
| 77 | 62.3 | 49.2 | 73.8 |

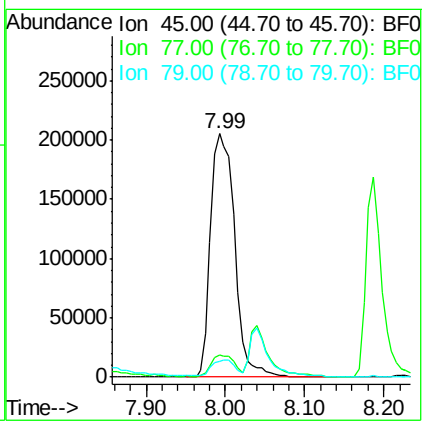


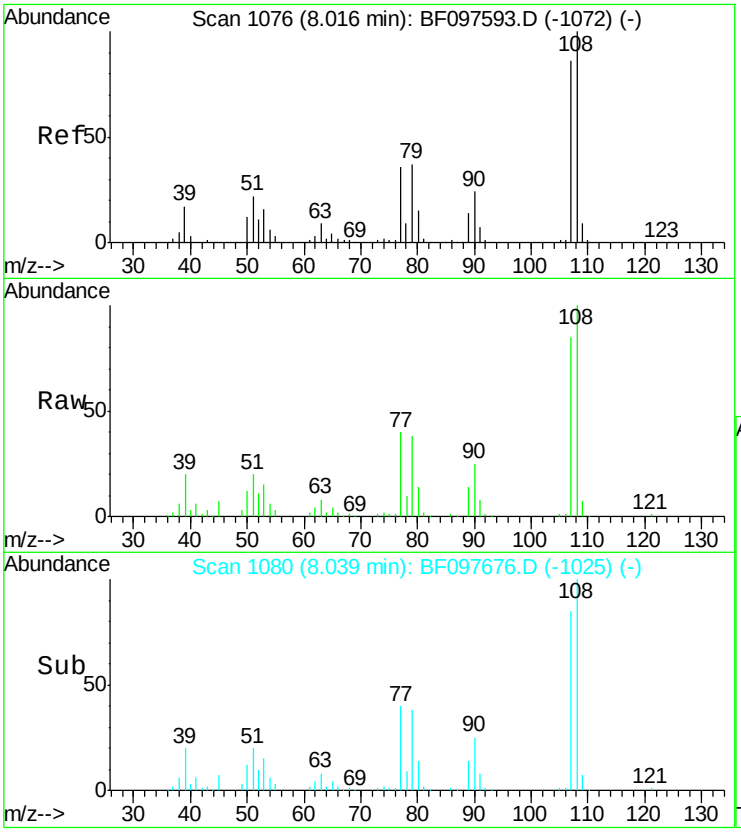




#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.11 ng
RT: 7.99 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 45 Resp: 433585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 8.9 | 0.0 | 33.2 |
| 79 | 6.7 | 0.0 | 30.0 |



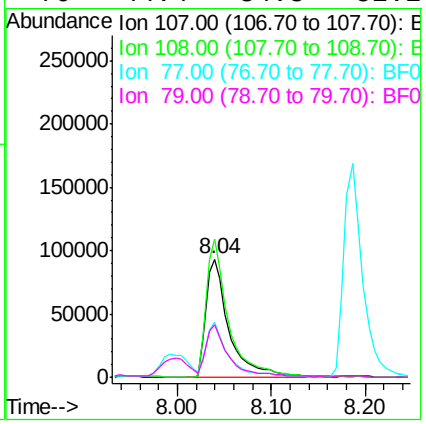


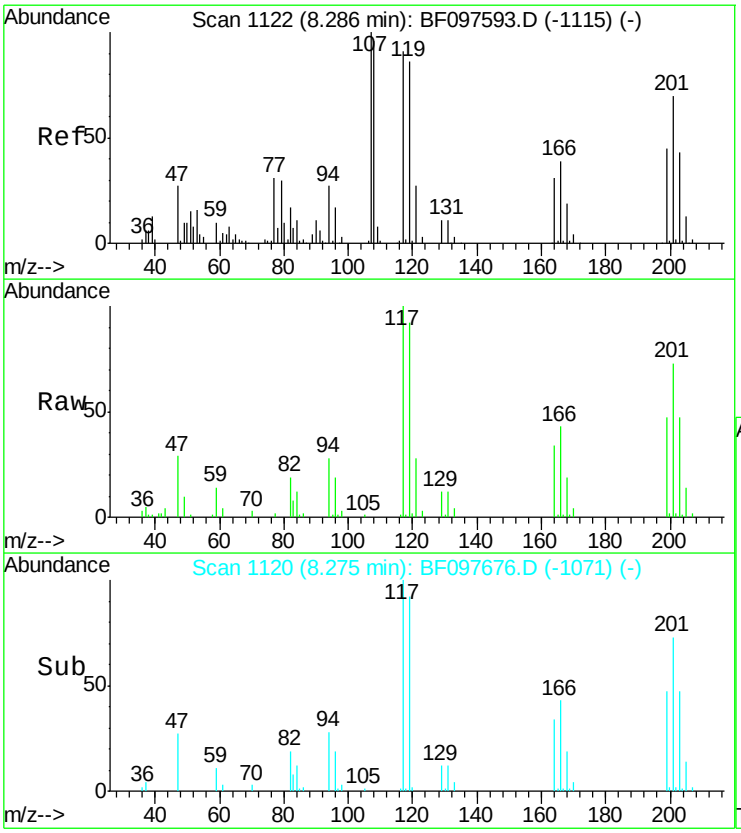

#17
2-Methylphenol
Concen: 27.14 ng
RT: 8.04 min Scan# 1080
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:107 Resp: 163664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.4 | 93.4 | 140.0 |
| 77 | 46.4 | 35.8 | 53.6 |
| 79 | 44.4 | 34.8 | 52.2 |

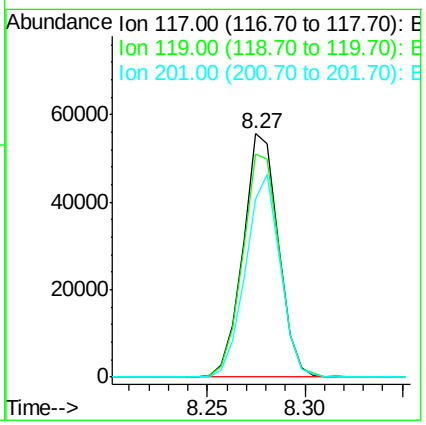


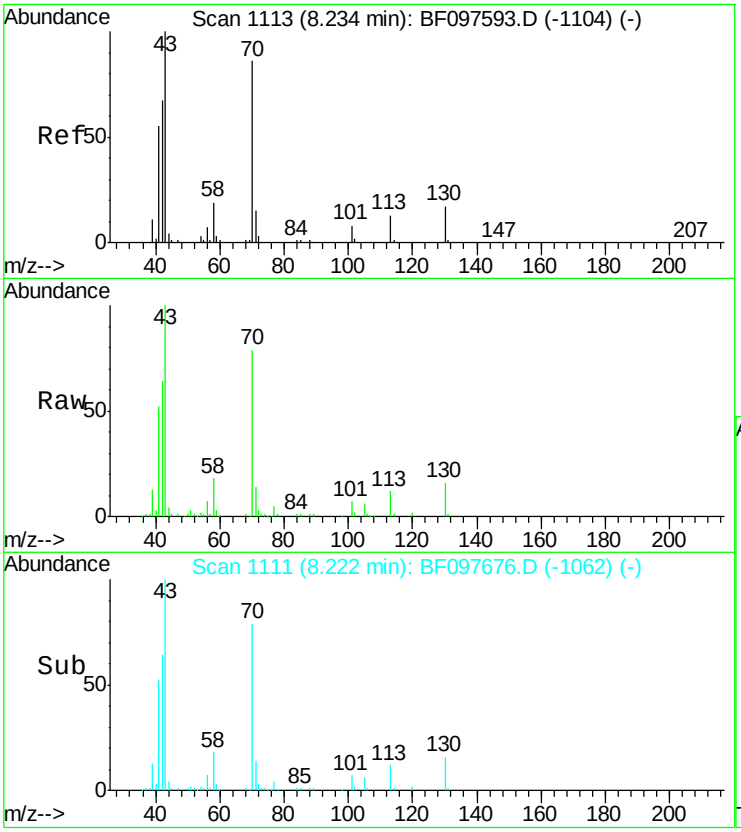




#18
Hexachloroethane
Concen: 22.94 ng
RT: 8.27 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:117 Resp: 69613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.9 | 77.4 | 116.0 |
| 201 | 73.4 | 94.6 | 141.8# |



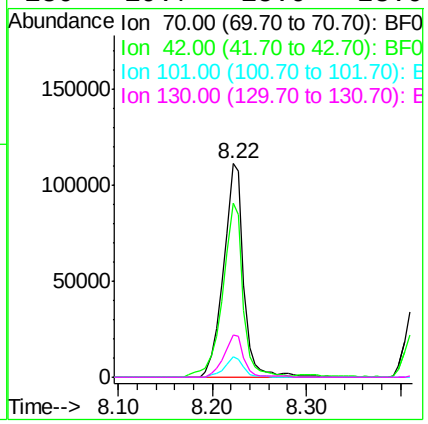


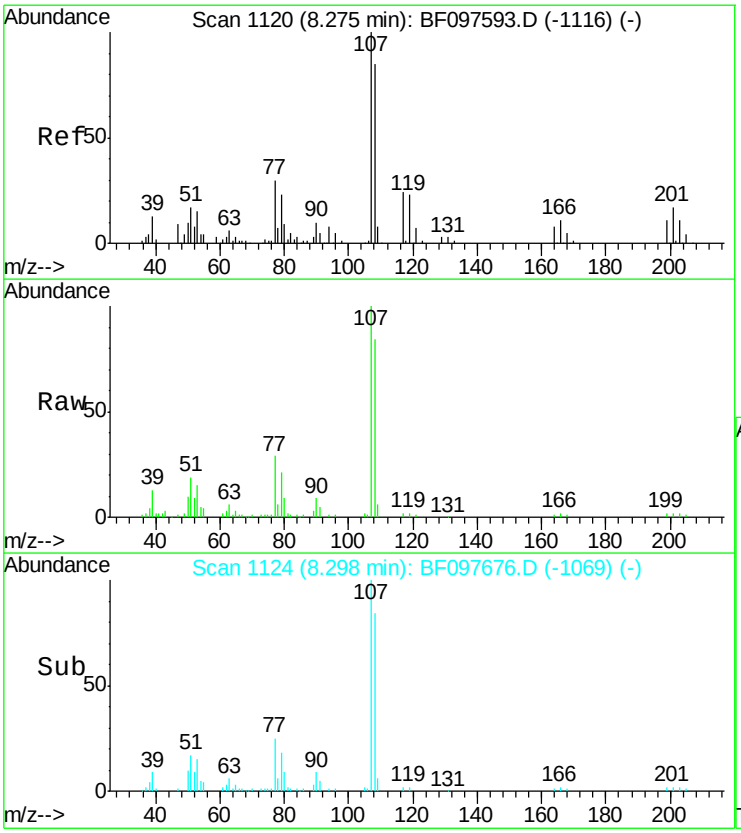

#19
n-Nitroso-di-n-propylamine
Concen: 28.33 ng
RT: 8.22 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 70 Resp: 165955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 81.4 | 47.2 | 70.8# |
| 101 | 9.4 | 7.2 | 10.8 |
| 130 | 19.7 | 15.9 | 23.9 |

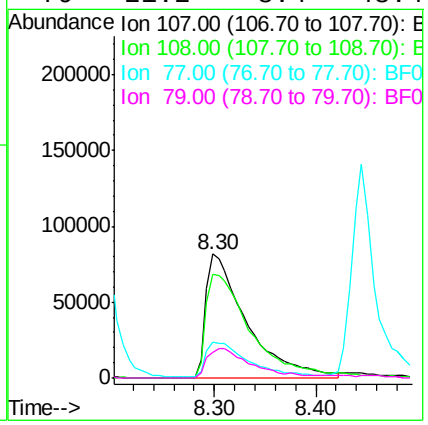


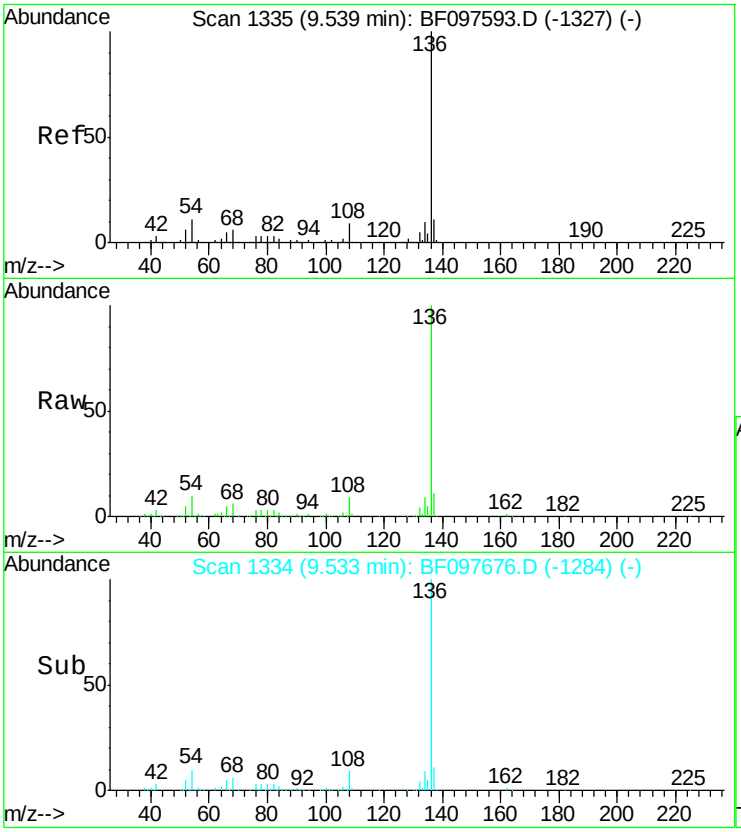




#20
3+4-Methylphenols
Concen: 30.86 ng
RT: 8.30 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:107 Resp: 227957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.1 | 71.0 | 111.0 |
| 77 | 29.2 | 90.5 | 130.5# |
| 79 | 21.2 | 8.4 | 48.4 |



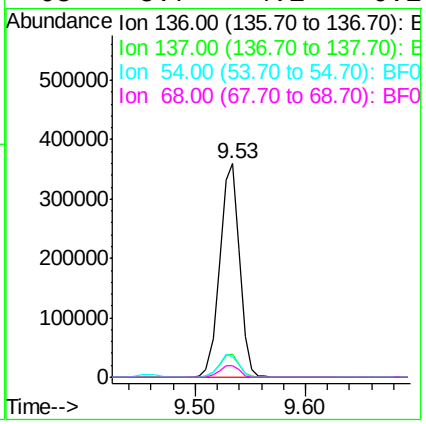


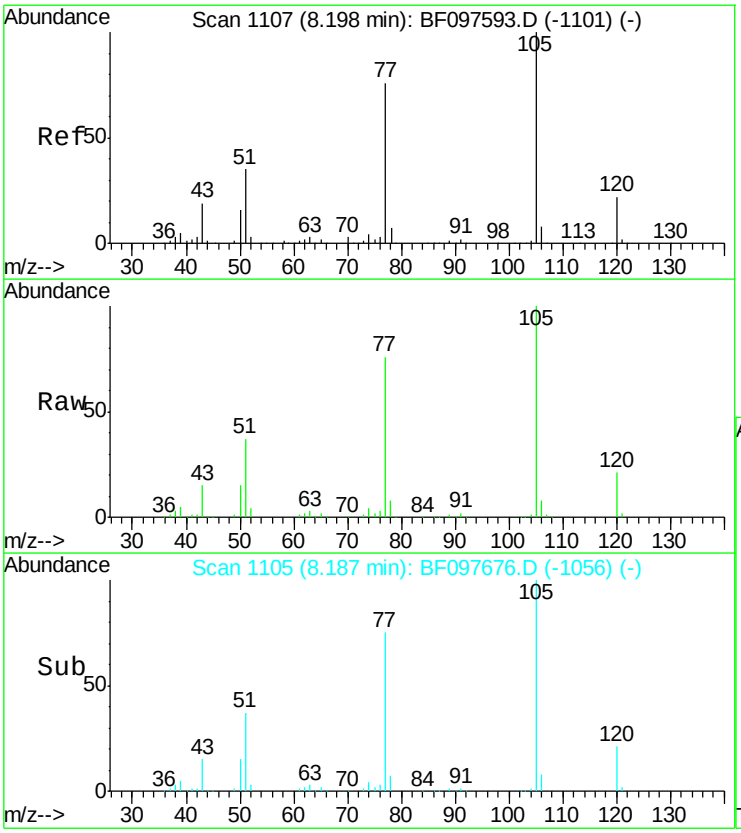

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:136 Resp: 450414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 9.8 | 4.9 | 7.3# |
| 68 | 5.7 | 4.1 | 6.1 |

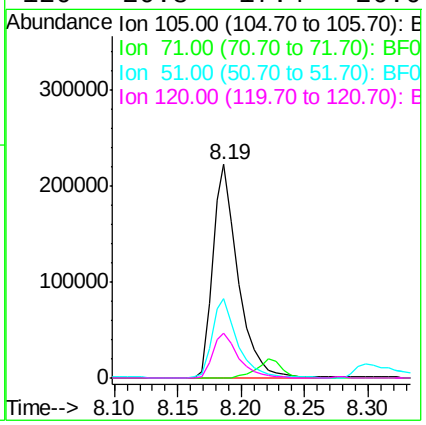


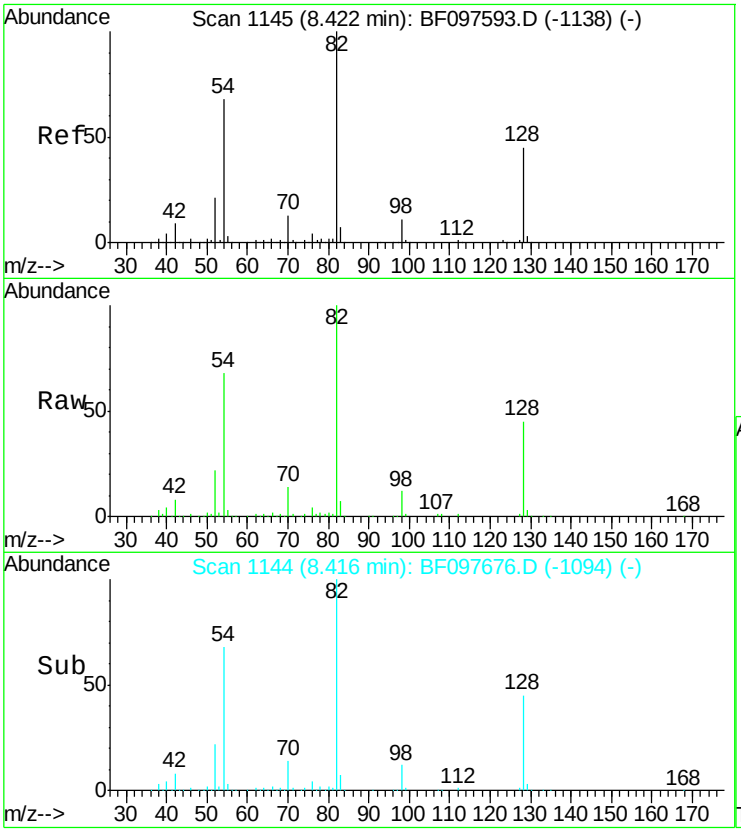




#22
Acetophenone
Concen: 29.10 ng
RT: 8.19 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:105 Resp: 309609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 2.8 | 4.2# |
| 51 | 37.3 | 30.7 | 46.1 |
| 120 | 20.8 | 17.4 | 26.0 |



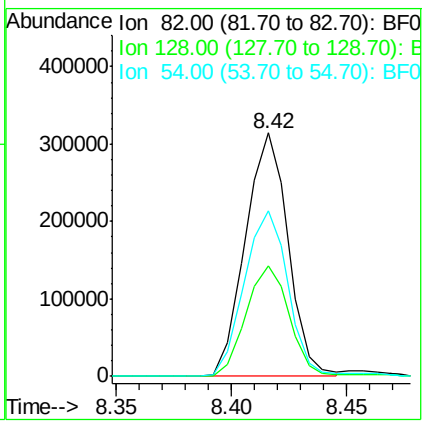


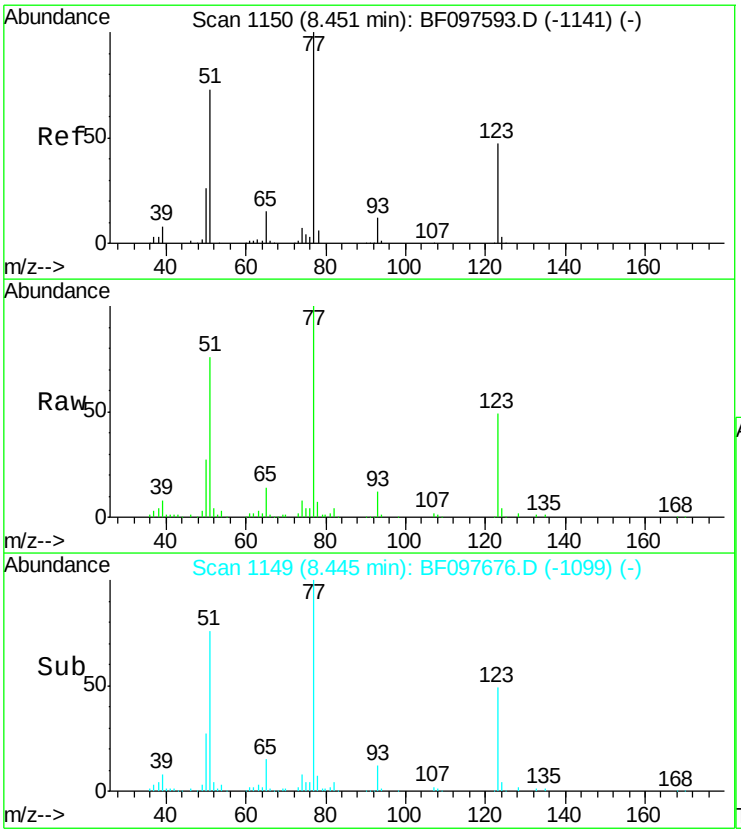

#23
Nitrobenzene-d5
Concen: 56.55 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 82 Resp: 406191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 34.0 | 51.0 |
| 54 | 67.8 | 42.2 | 63.2# |

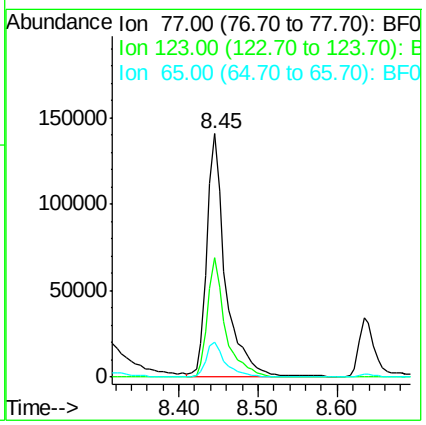


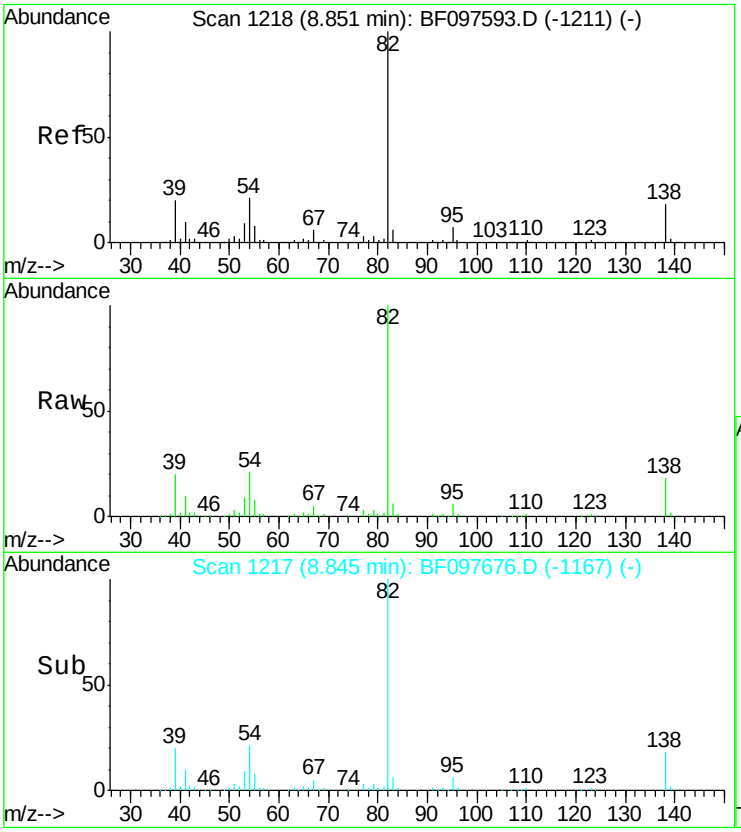




#24
Nitrobenzene
Concen: 29.03 ng
RT: 8.45 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 77 Resp: 227206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.0 | 35.8 | 53.8 |
| 65 | 14.5 | 10.6 | 15.8 |



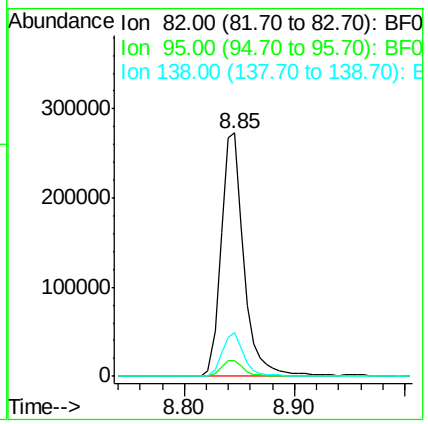


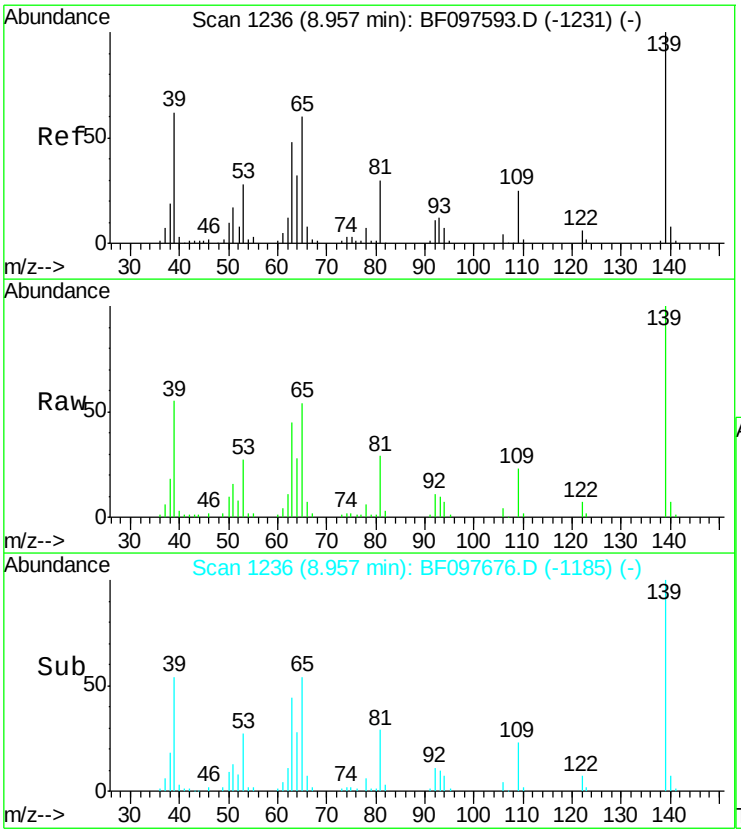

#25
Isophorone
Concen: 29.80 ng
RT: 8.85 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion: 82 Resp: 394309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.3 | 7.9 |
| 138 | 18.0 | 13.1 | 19.7 |

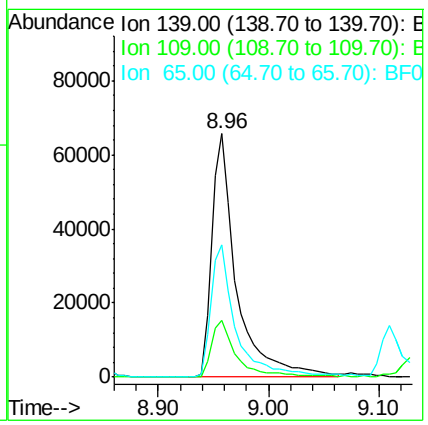


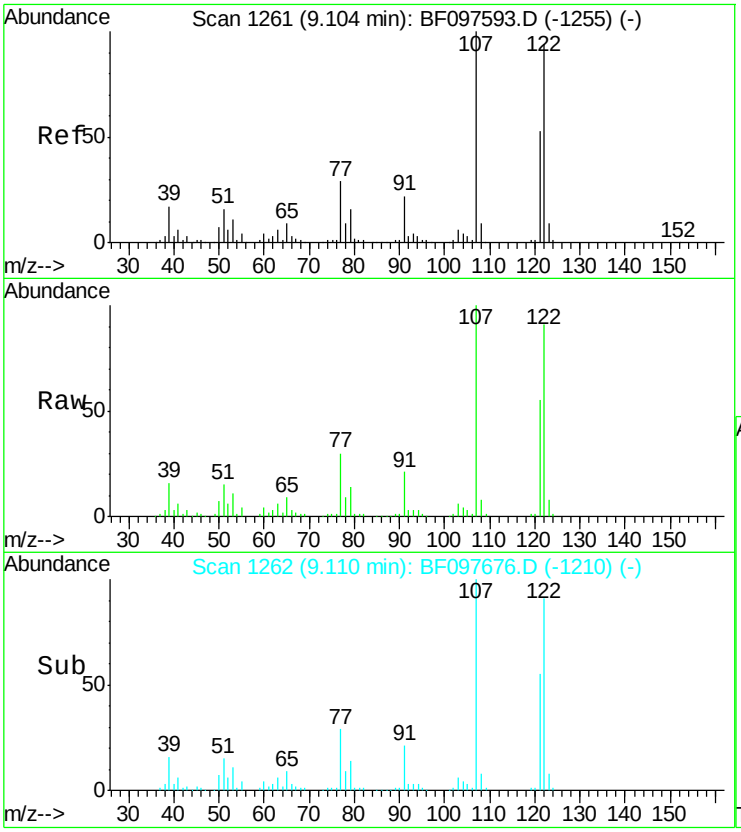




#26
2-Nitrophenol
Concen: 25.53 ng
RT: 8.96 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:139 Resp: 101064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 23.1 | 21.0 | 31.6 |
| 65 | 54.1 | 33.0 | 49.6# |



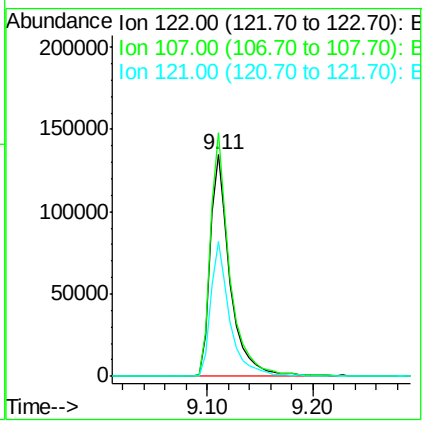


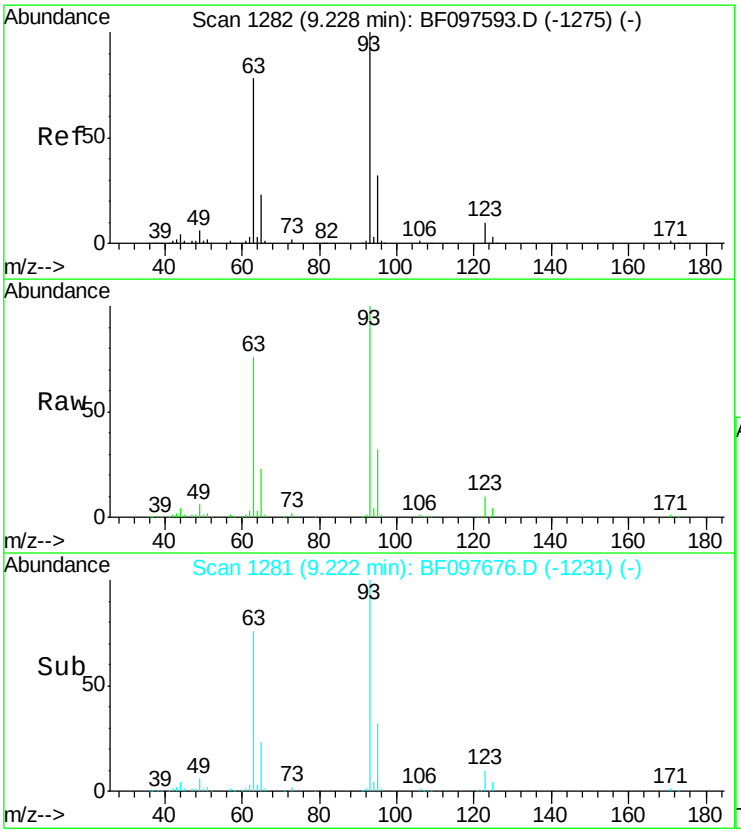

#27
2,4-Dimethylphenol
Concen: 27.09 ng
RT: 9.11 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:122 Resp: 178899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.9 | 89.2 | 133.8 |
| 121 | 60.9 | 45.2 | 67.8 |

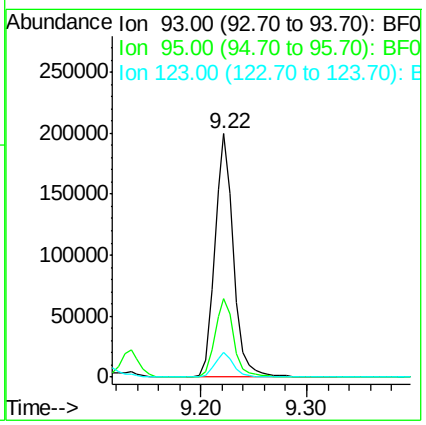


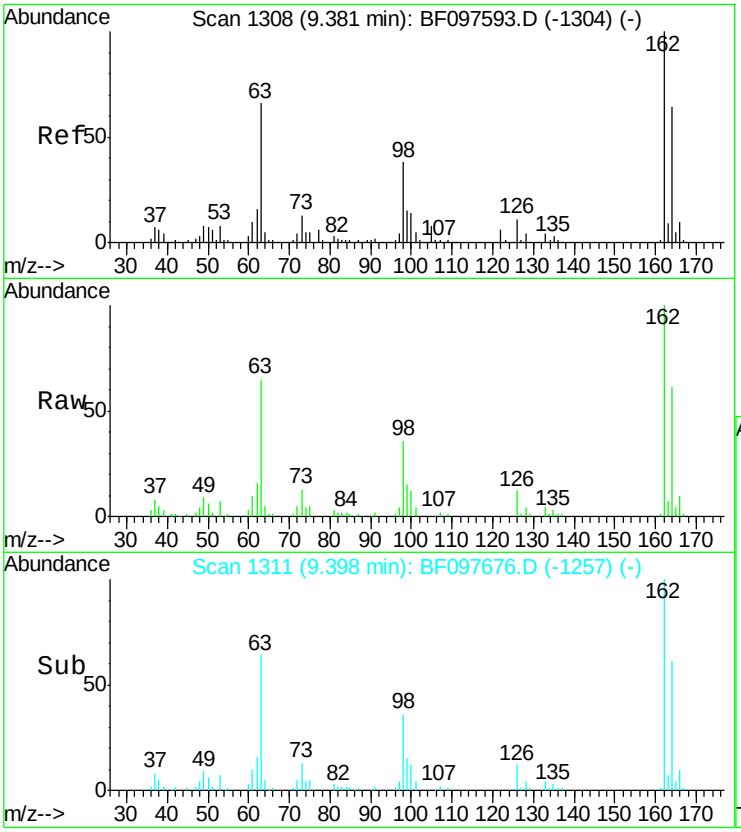




#28
bis(2-Chloroethoxy)methane
Concen: 25.90 ng
RT: 9.22 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 93 Resp: 247660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 26.5 | 39.7 |
| 123 | 10.0 | 9.0 | 13.4 |



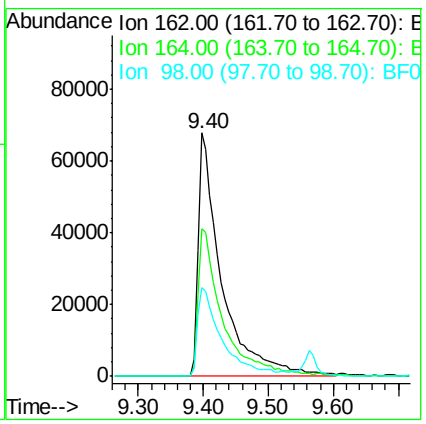


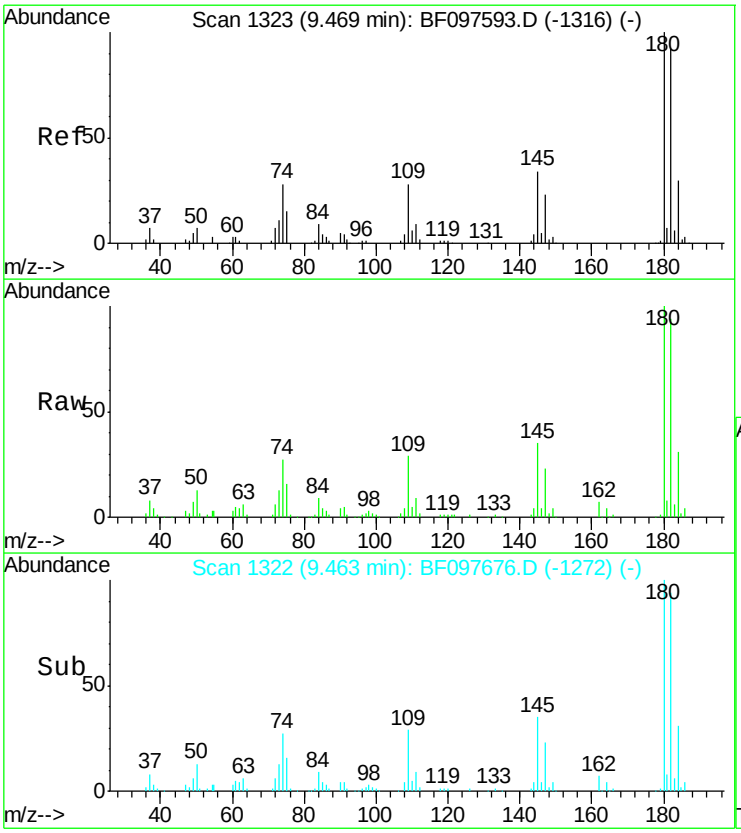

#29
2,4-Dichlorophenol
Concen: 29.04 ng
RT: 9.40 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:162 Resp: 169047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.8 | 44.6 | 84.6 |
| 98 | 36.3 | 14.8 | 54.8 |

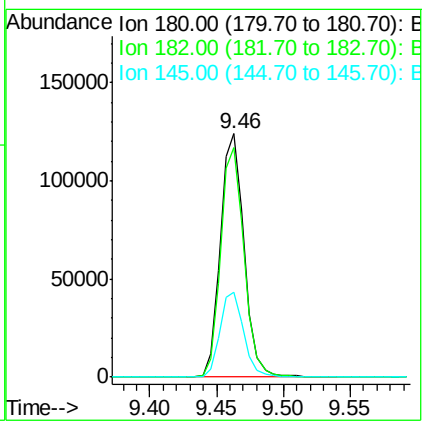


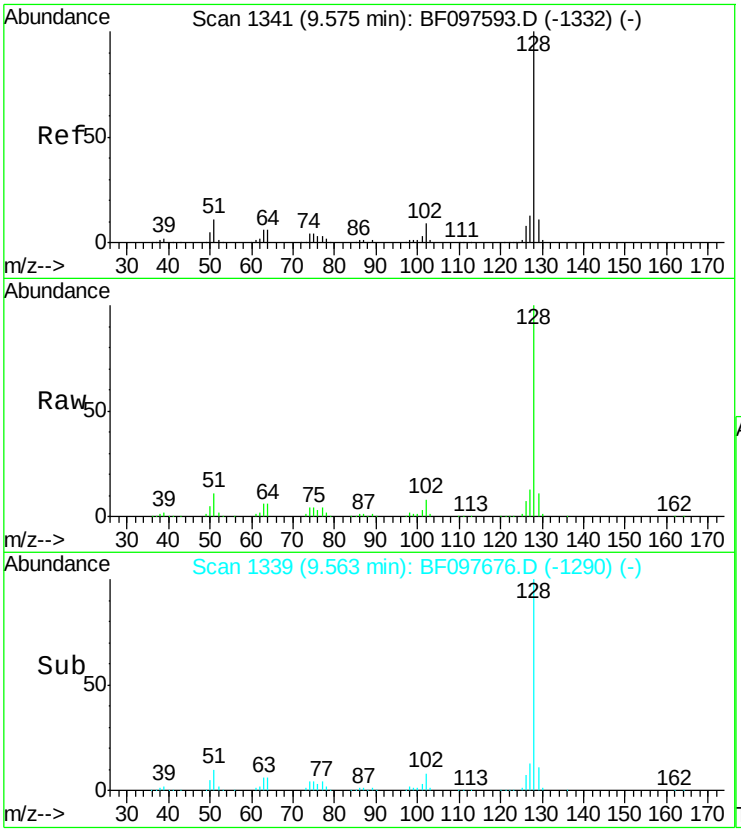




#30
1,2,4-Trichlorobenzene
Concen: 26.87 ng
RT: 9.46 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:180 Resp: 155086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 75.8 | 113.6 |
| 145 | 35.0 | 25.3 | 37.9 |



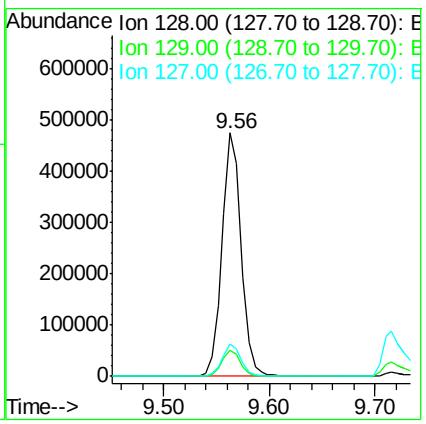


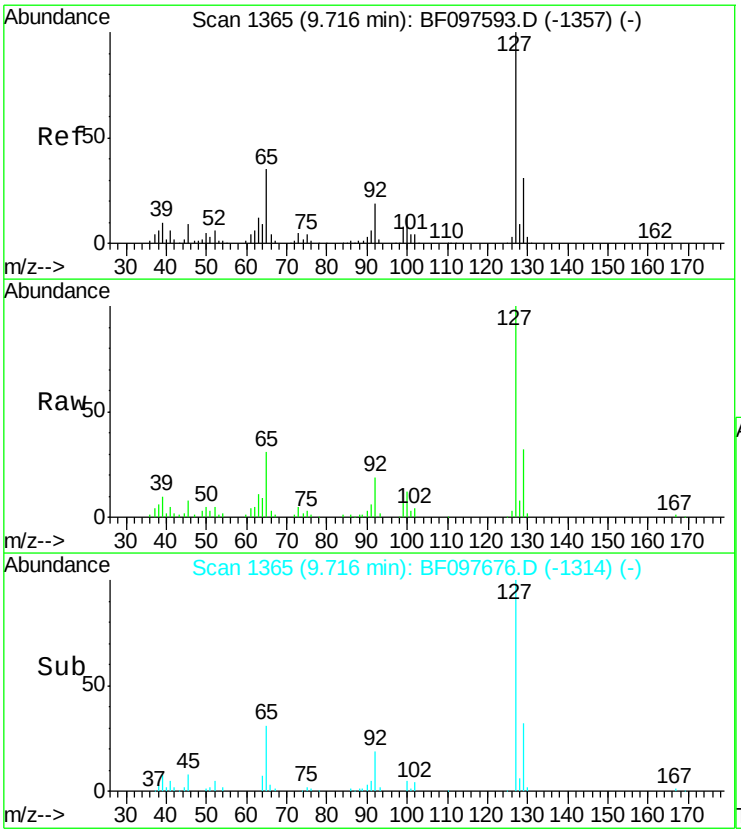

#31
Naphthalene
Concen: 26.47 ng
RT: 9.56 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:128 Resp: 597235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 13.2 | 10.8 | 16.2 |

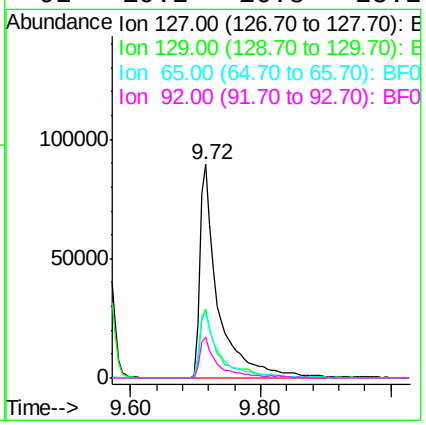


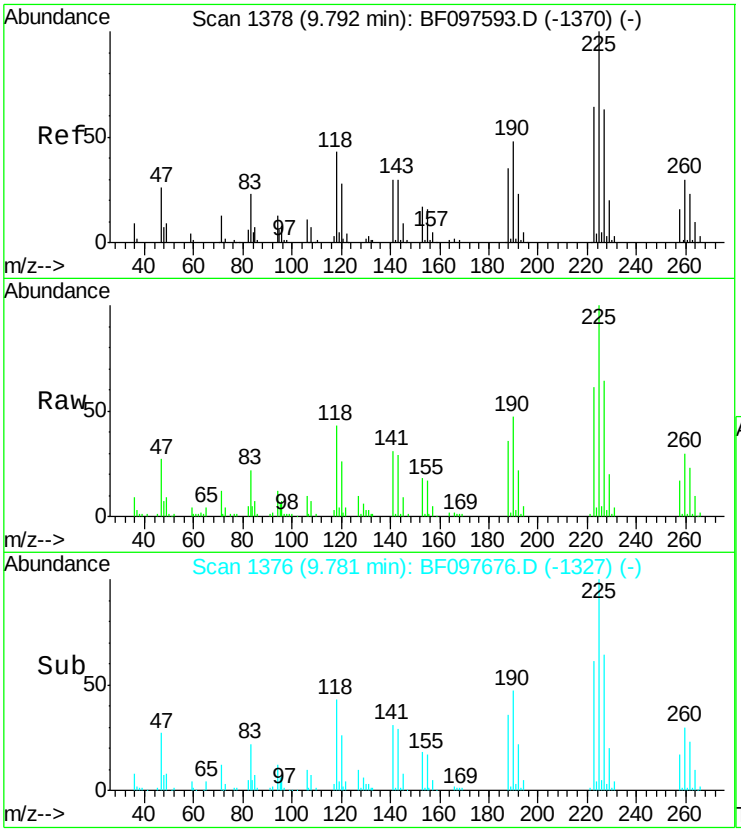




#33
4-Chloroaniline
Concen: 18.57 ng
RT: 9.72 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:127 Resp: 173593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.2 | 39.2 |
| 65 | 30.8 | 27.8 | 41.8 |
| 92 | 19.2 | 16.8 | 25.2 |



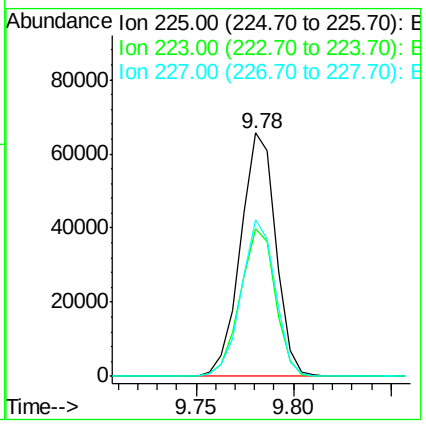


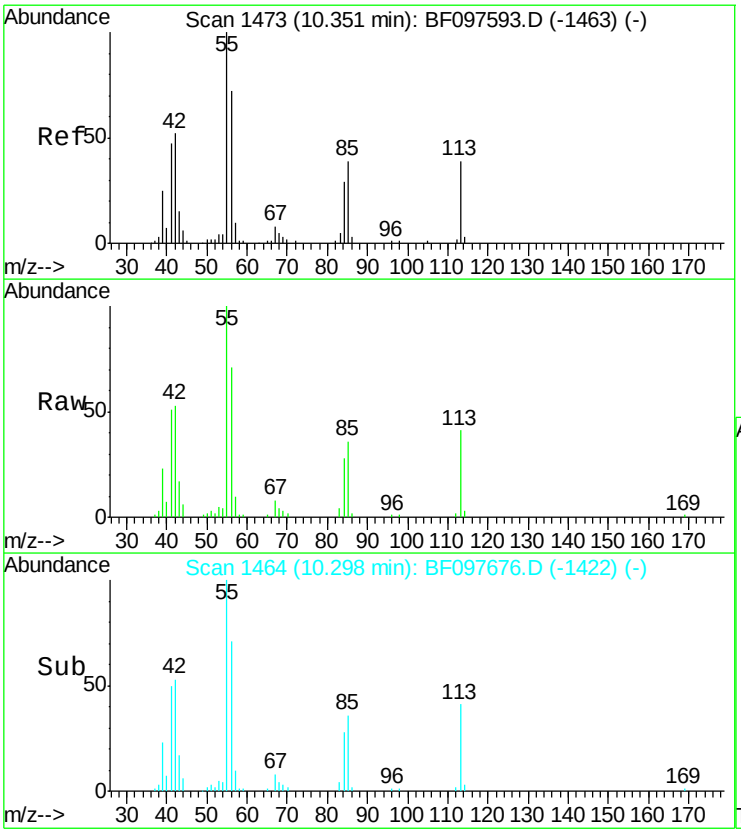

#34
Hexachlorobutadiene
Concen: 26.02 ng
RT: 9.78 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:225 Resp: 82040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.9 | 48.8 | 73.2 |
| 227 | 64.3 | 51.1 | 76.7 |

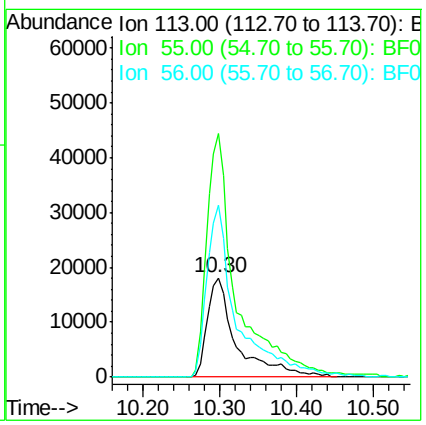


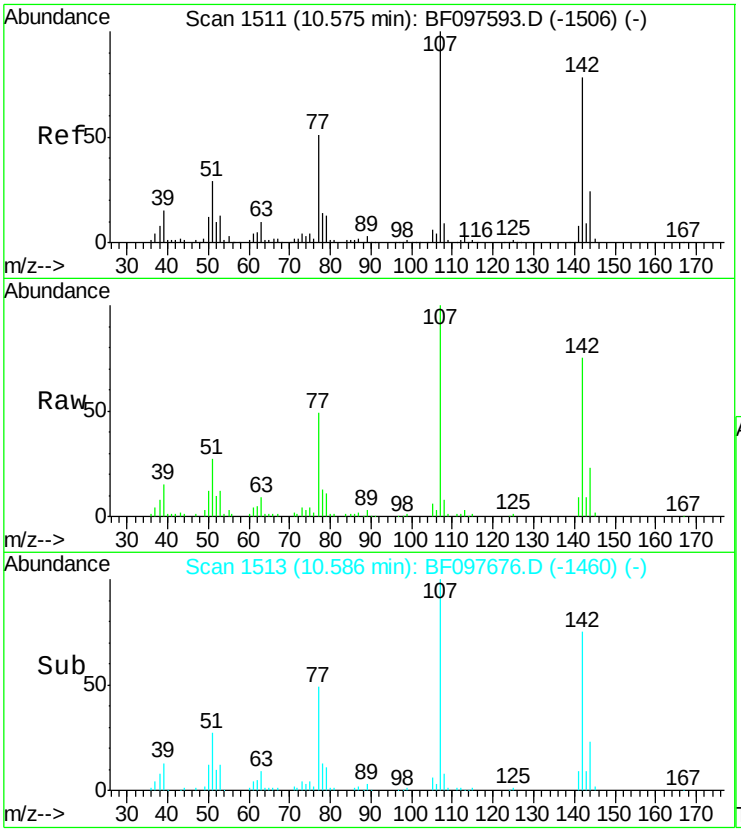




#35
Caprolactam
Concen: 25.35 ng
RT: 10.30 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:113 Resp: 47545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 244.6 | 150.2 | 190.2# |
| 56 | 173.2 | 107.8 | 147.8# |



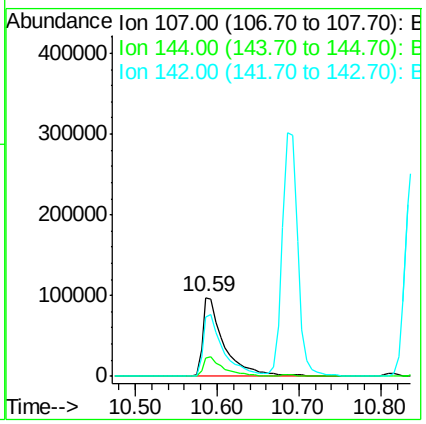


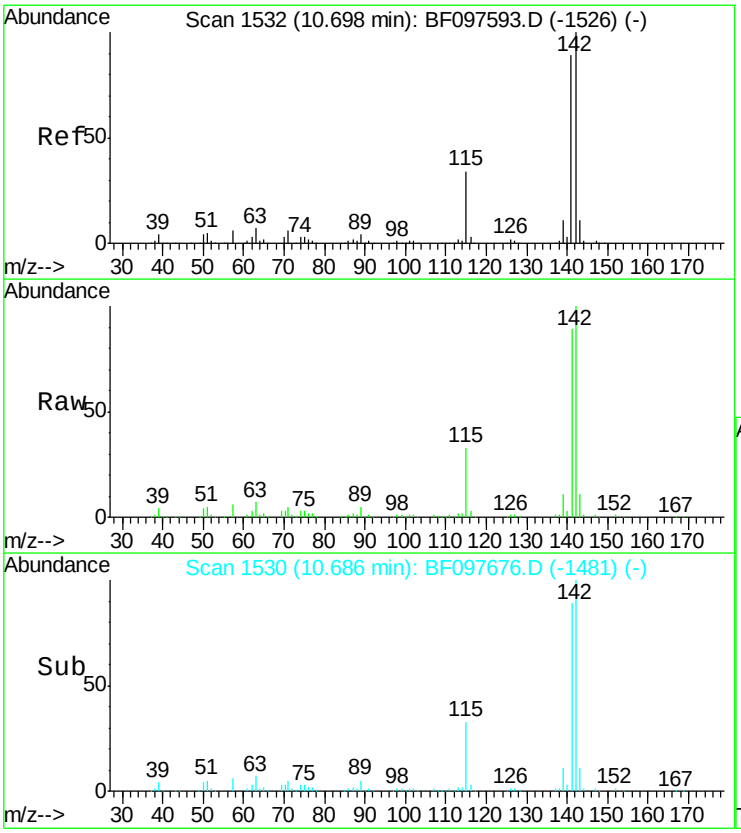

#36
4-Chloro-3-methylphenol
Concen: 27.14 ng
RT: 10.59 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:107 Resp: 177561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.2 | 24.2 | 36.4# |
| 142 | 75.0 | 73.4 | 110.0 |

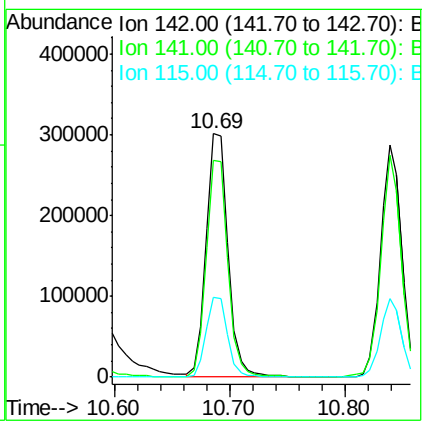


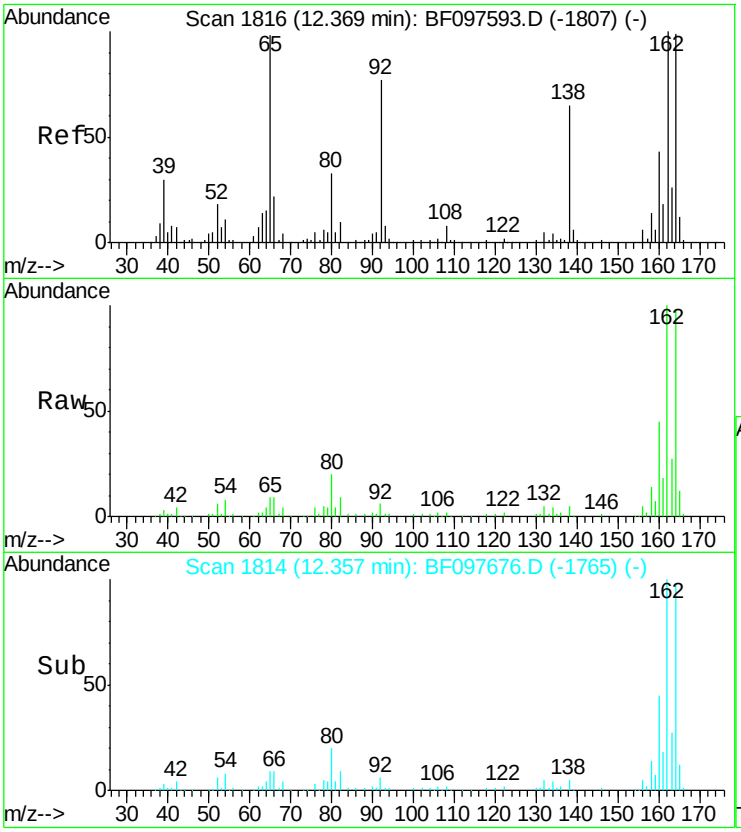




#37
2-Methylnaphthalene
Concen: 28.10 ng
RT: 10.69 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:142 Resp: 398859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 71.3 | 106.9 |
| 115 | 33.0 | 27.1 | 40.7 |



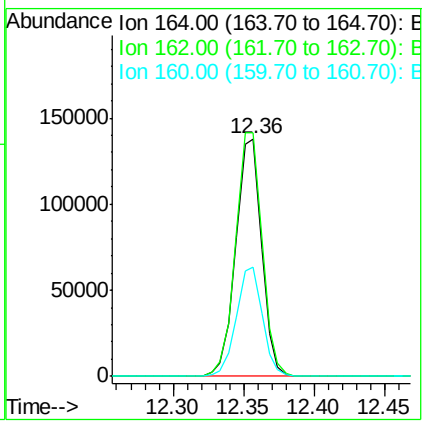


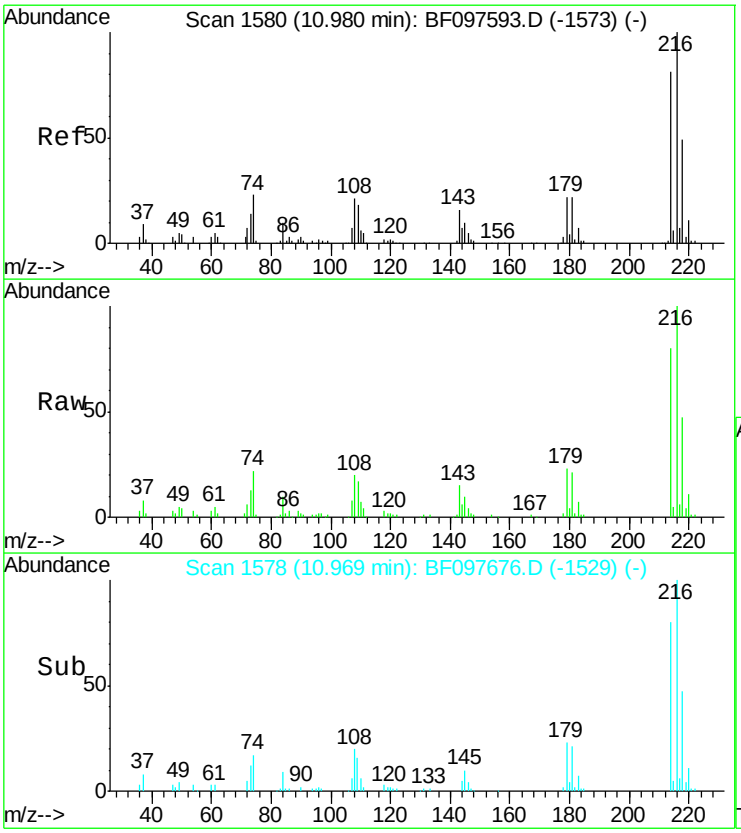

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:164 Resp: 176606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 82.6 | 123.8 |
| 160 | 45.8 | 36.2 | 54.2 |

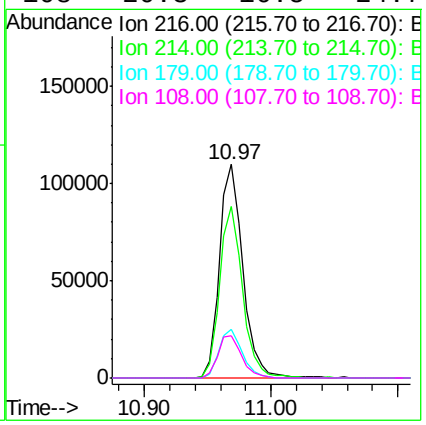


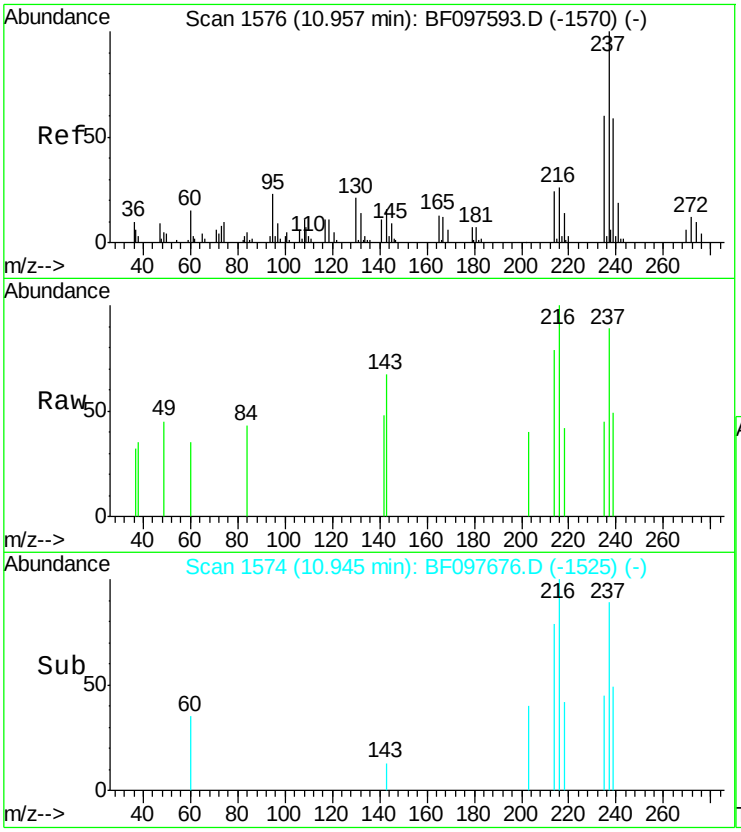




#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.17 ng
RT: 10.97 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:216 Resp: 140869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 63.4 | 95.2 |
| 179 | 22.6 | 17.9 | 26.9 |
| 108 | 20.3 | 16.5 | 24.7 |



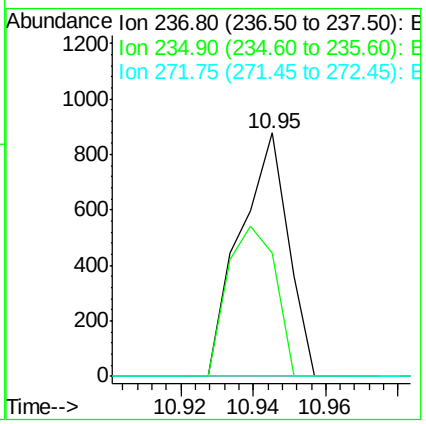


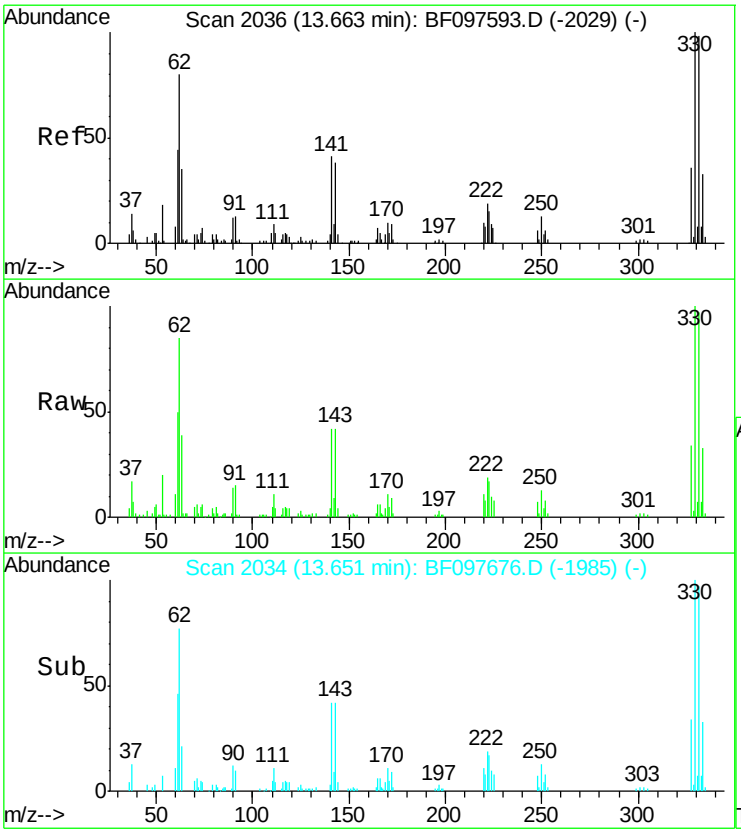

#40
Hexachlorocyclopentadiene
Concen: 11.67 ng
RT: 10.95 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:237 Resp: 806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 50.9 | 42.6 | 82.6 |
| 272 | 0.0 | 0.0 | 31.9 |

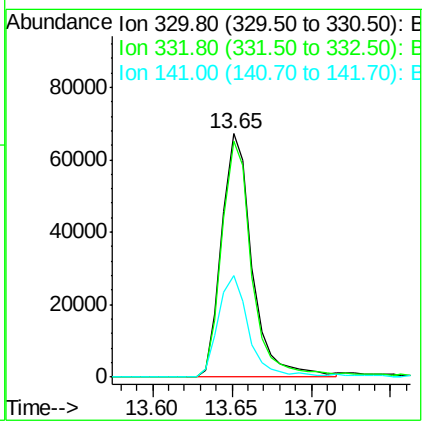


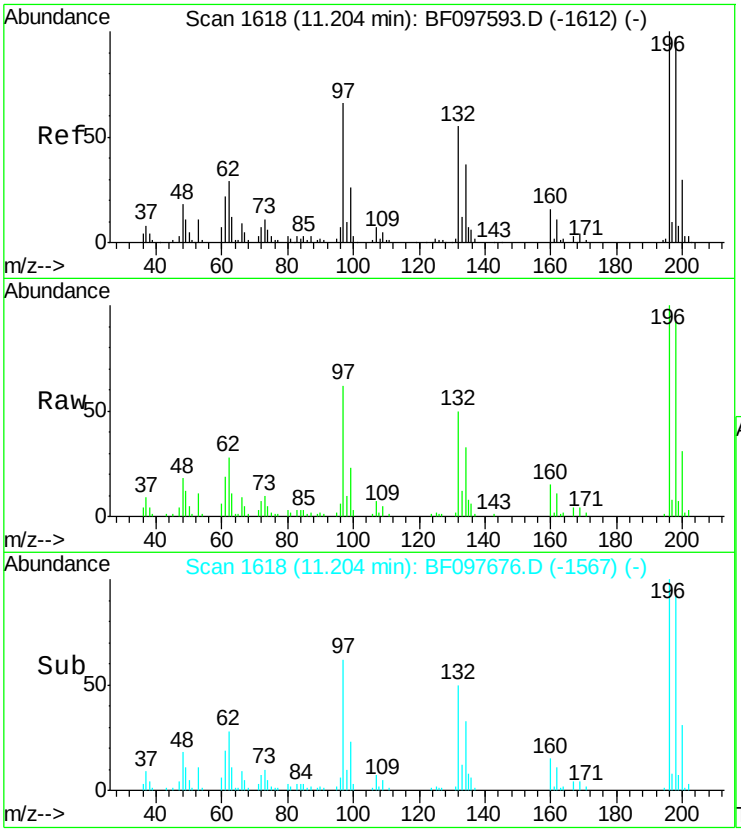




#41
2,4,6-Tribromophenol
Concen: 67.04 ng
RT: 13.65 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:330 Resp: 89998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.6 | 115.0 |
| 141 | 42.0 | 31.4 | 47.2 |



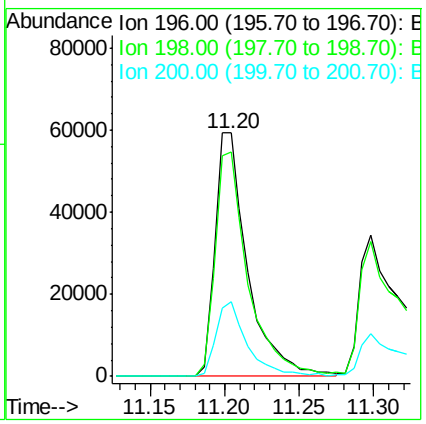


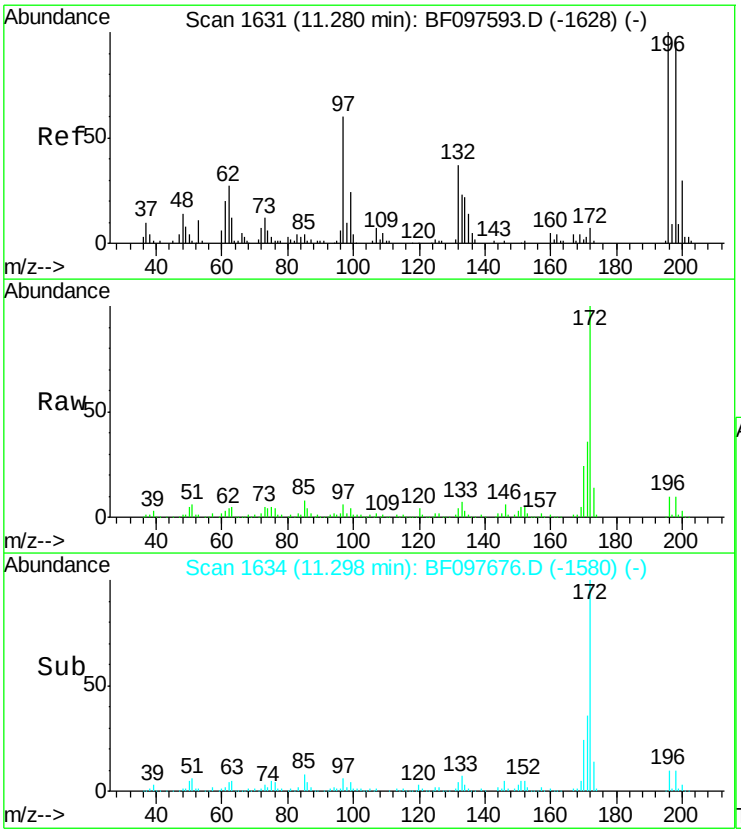

#42
2,4,6-Trichlorophenol
Concen: 27.64 ng
RT: 11.20 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:196 Resp: 91063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.9 | 74.2 | 111.4 |
| 200 | 30.9 | 24.0 | 36.0 |

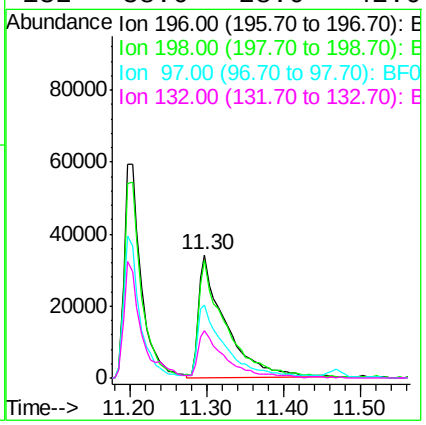


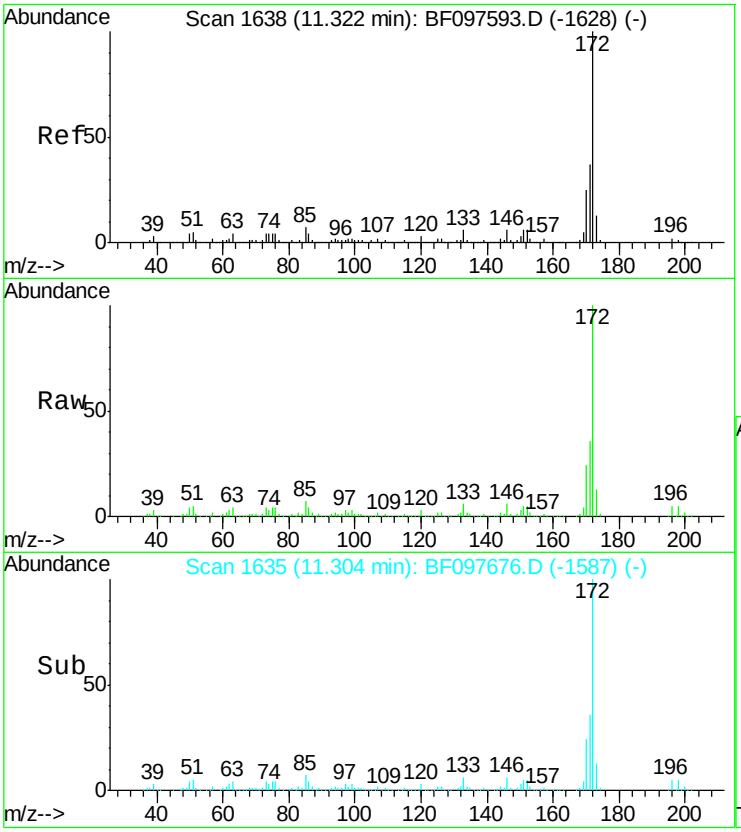




#43
2,4,5-Trichlorophenol
Concen: 26.16 ng
RT: 11.30 min Scan# 1634
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:196 Resp: 81422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 75.7 | 113.5 |
| 97 | 59.0 | 47.7 | 71.5 |
| 132 | 38.6 | 28.0 | 42.0 |



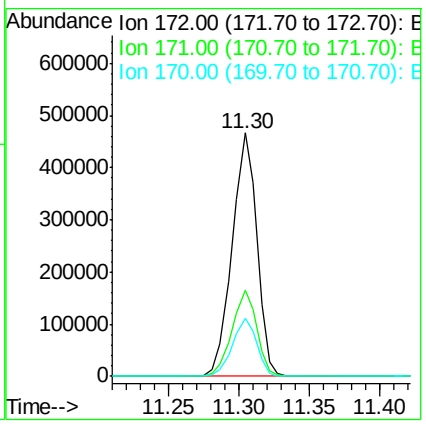


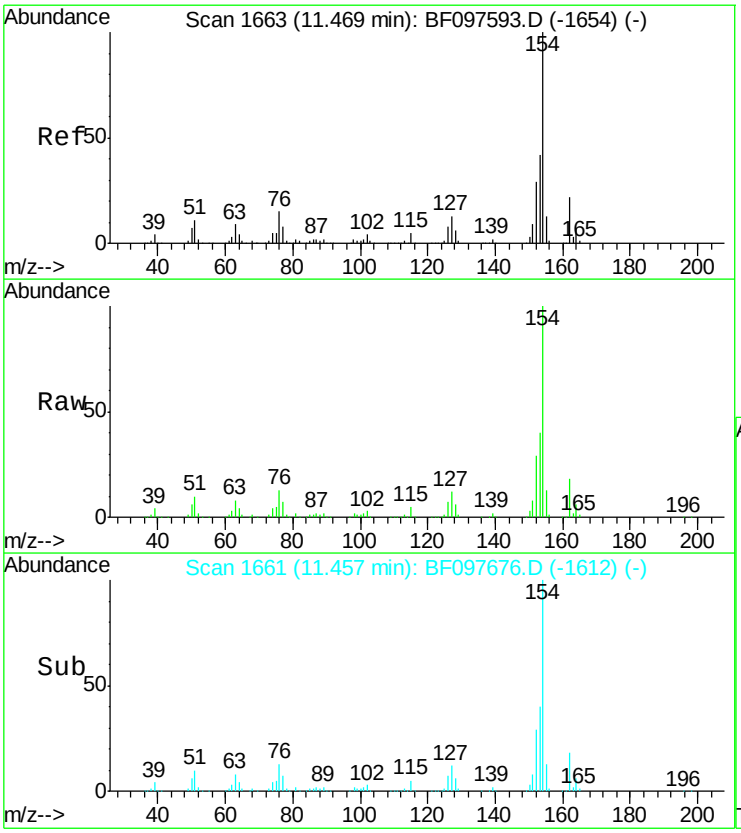

#44
2-Fluorobiphenyl
Concen: 48.60 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:172 Resp: 568697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.6 | 44.4 |
| 170 | 23.8 | 19.8 | 29.8 |

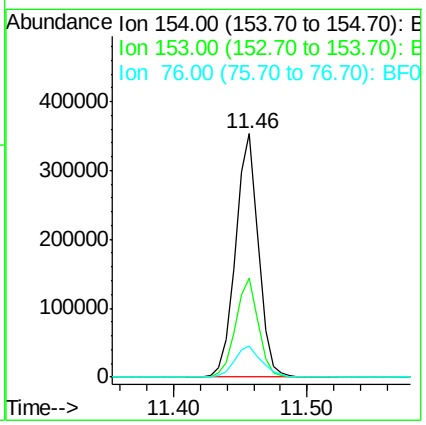


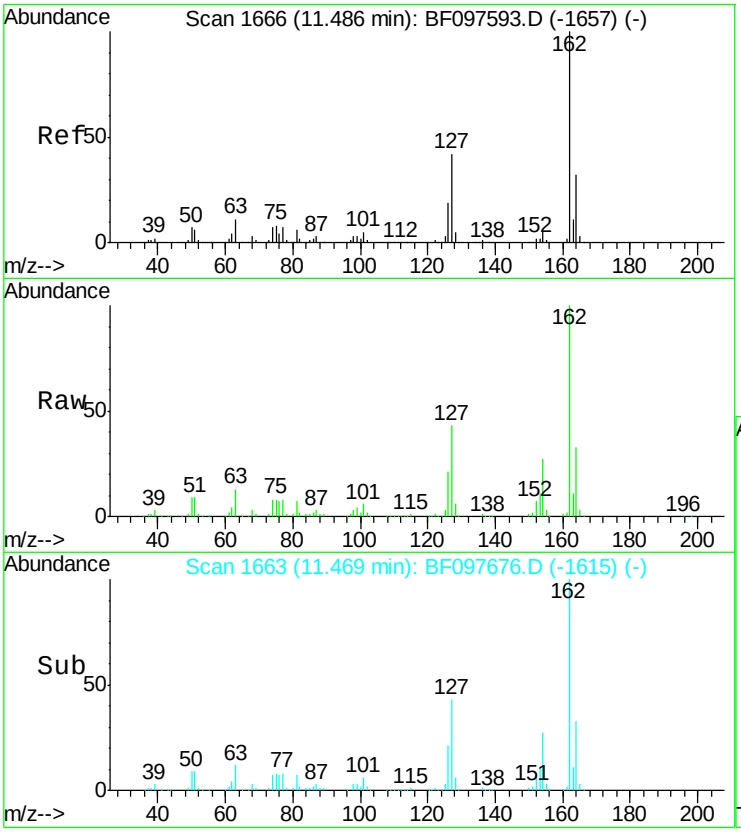




#45
1,1'-Biphenyl
Concen: 27.76 ng
RT: 11.46 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:154 Resp: 420571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 21.2 | 61.2 |
| 76 | 12.9 | 0.0 | 29.9 |



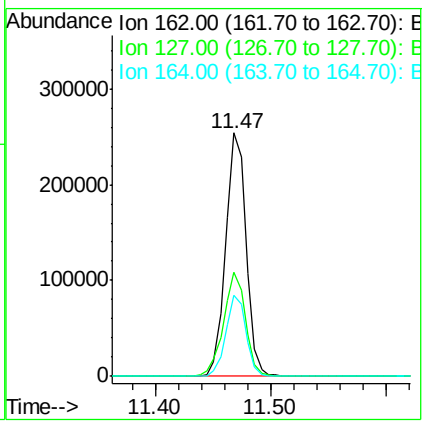


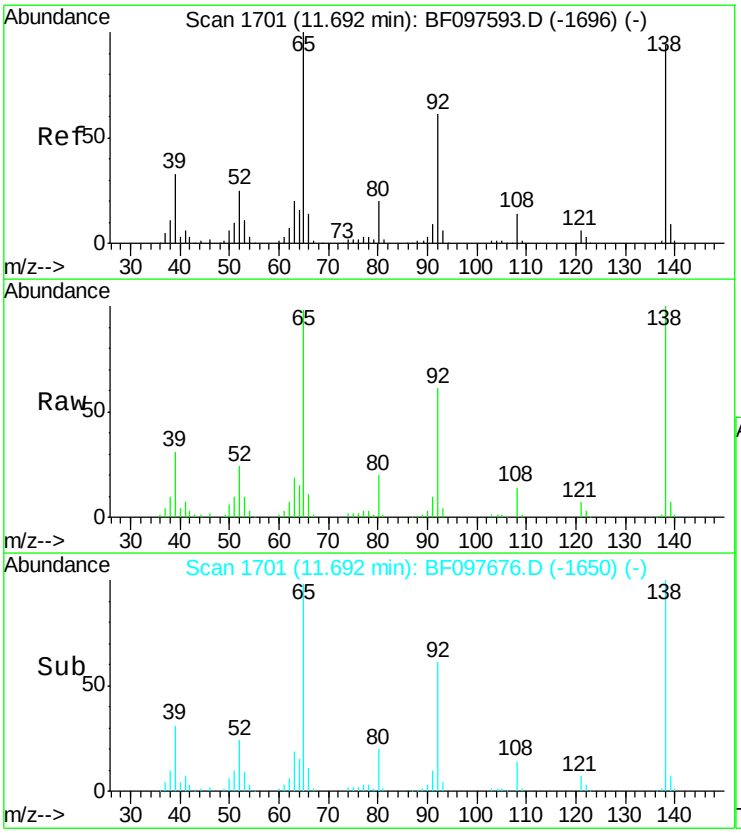

#46
2-Chloronaphthalene
Concen: 26.76 ng
RT: 11.47 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:162 Resp: 311358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.9 | 28.3 | 42.5# |
| 164 | 33.1 | 27.0 | 40.4 |

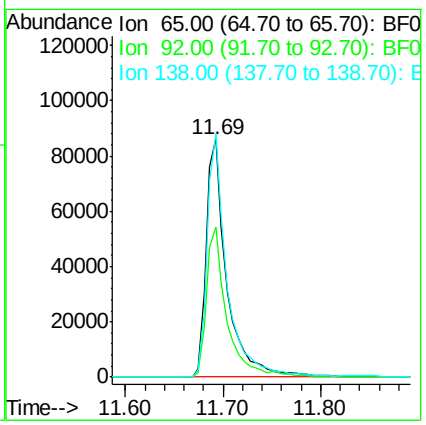


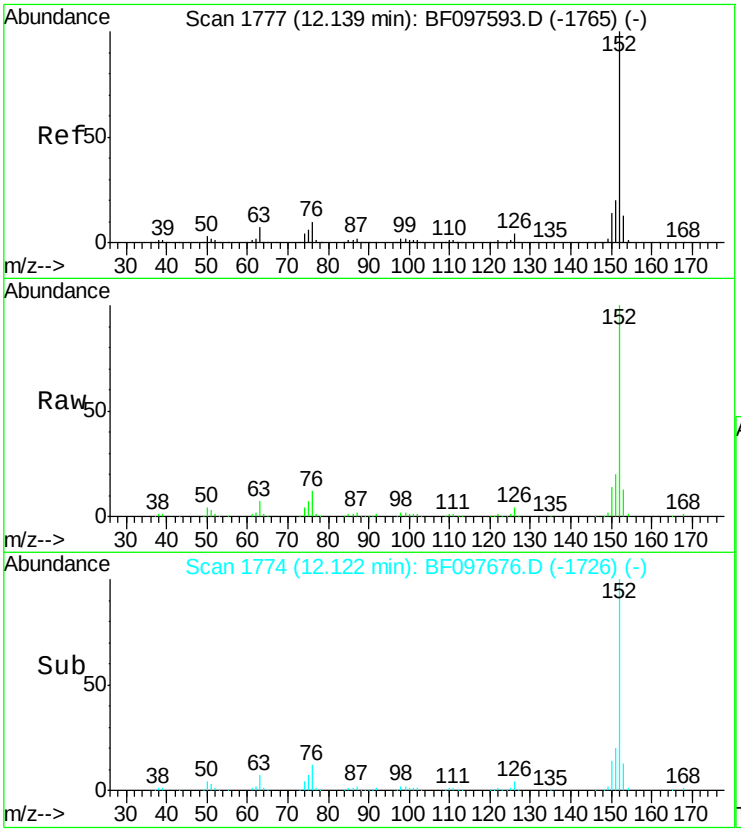




#47
2-Nitroaniline
Concen: 27.52 ng
RT: 11.69 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 65 Resp: 125416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.9 | 53.9 | 80.9 |
| 138 | 102.3 | 78.8 | 118.2 |



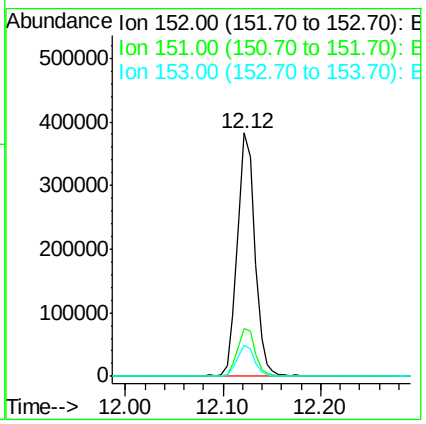


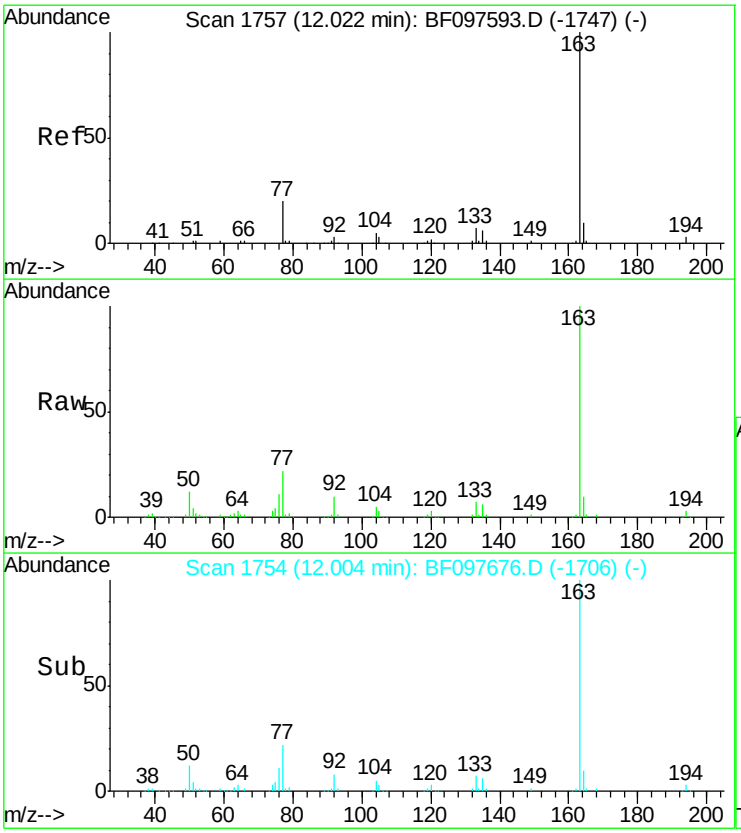

#48
Acenaphthylene
Concen: 26.19 ng
RT: 12.12 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:152 Resp: 484423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.8 | 25.2 |
| 153 | 12.9 | 10.8 | 16.2 |

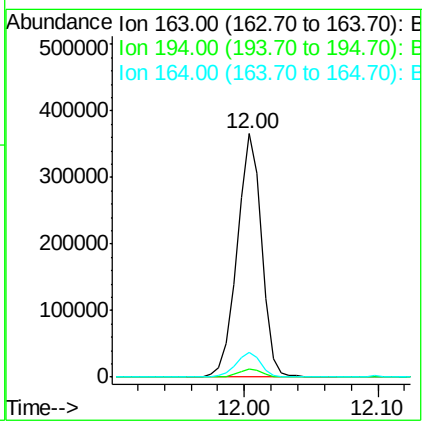


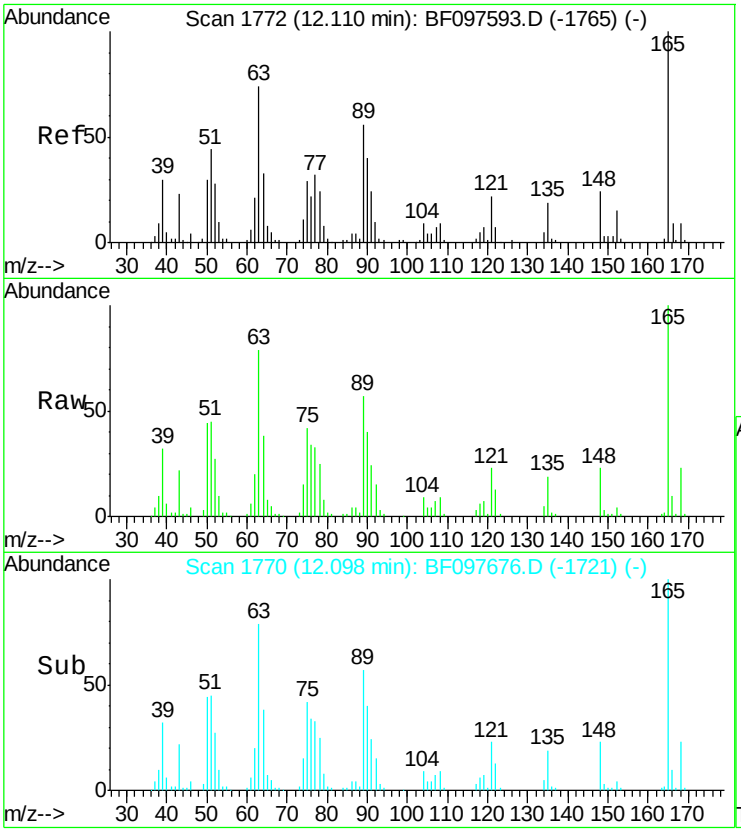




#49
Dimethylphthalate
Concen: 34.08 ng
RT: 12.00 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:163 Resp: 463903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.6 | 4.0 |
| 164 | 10.2 | 8.4 | 12.6 |



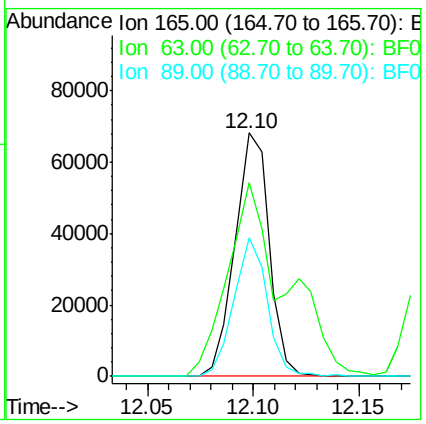


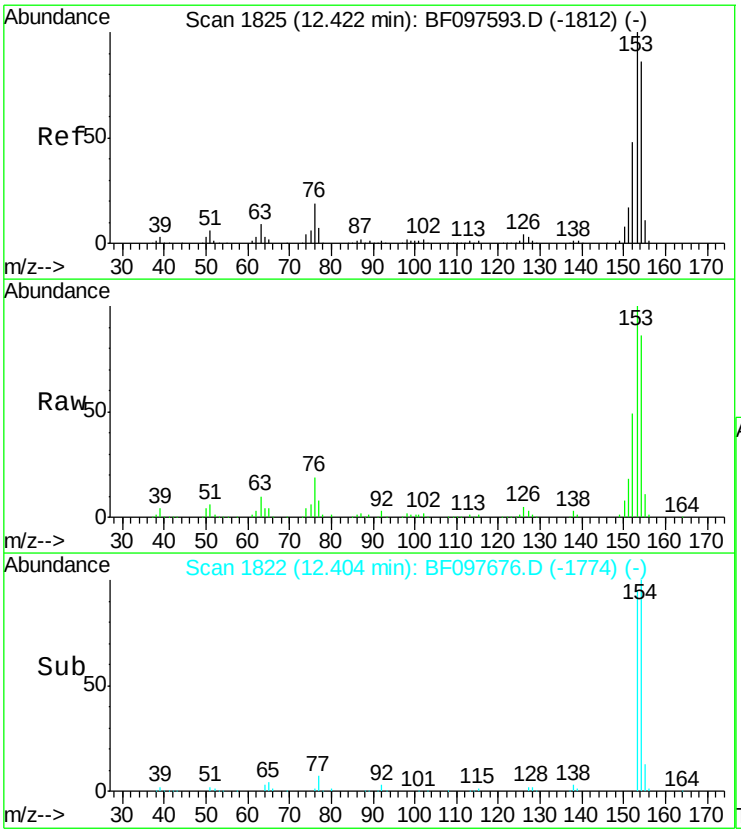

#50
2,6-Dinitrotoluene
Concen: 27.27 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:165 Resp: 76651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 79.3 | 34.3 | 51.5# |
| 89 | 57.1 | 37.1 | 55.7# |

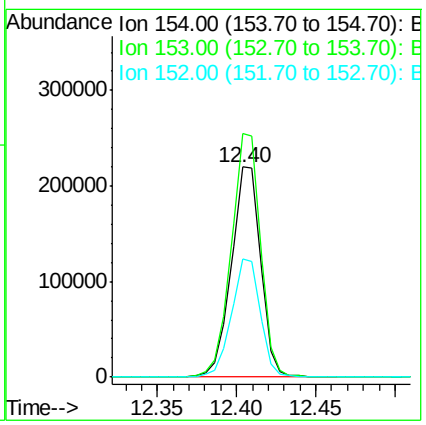


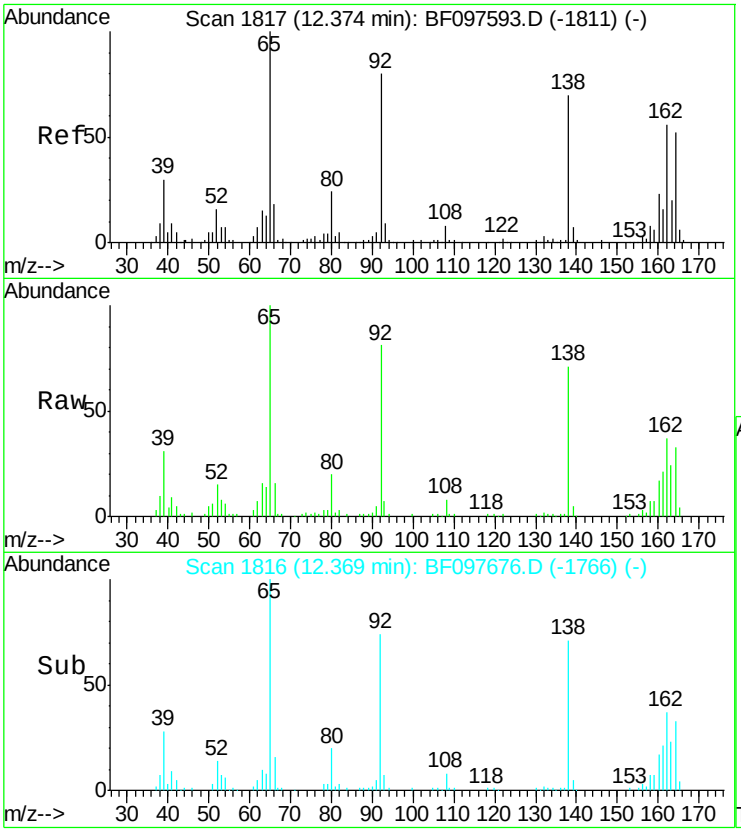




#51
Acenaphthene
Concen: 25.38 ng
RT: 12.40 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:154 Resp: 281328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.9 | 90.5 | 135.7 |
| 152 | 56.5 | 43.6 | 65.4 |



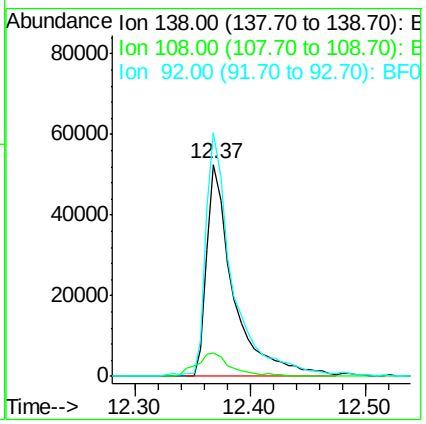


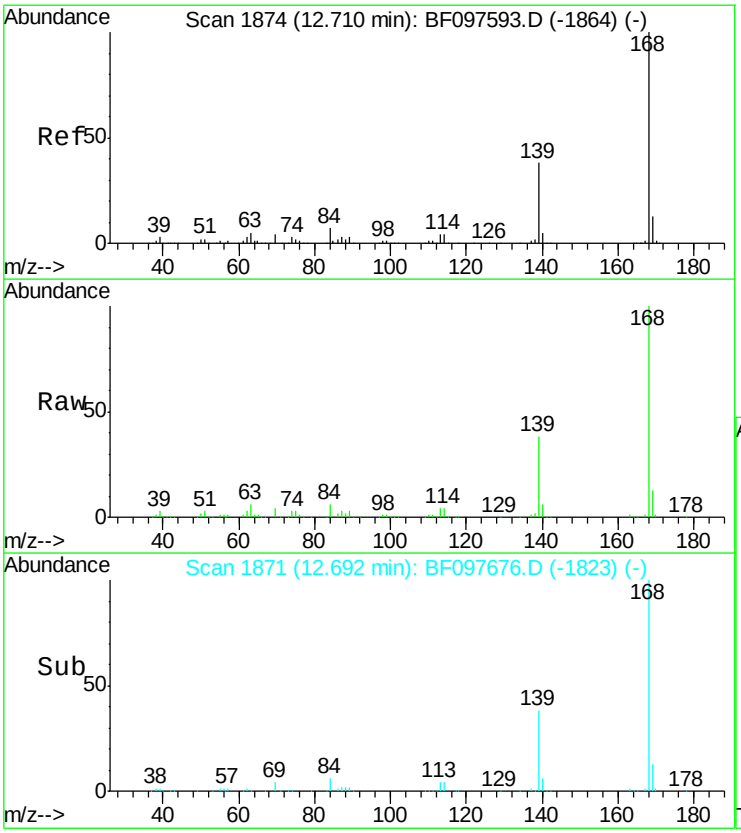

#52
3-Nitroaniline
Concen: 23.09 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:138 Resp: 84981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.1 | 13.7 |
| 92 | 114.7 | 93.8 | 140.6 |

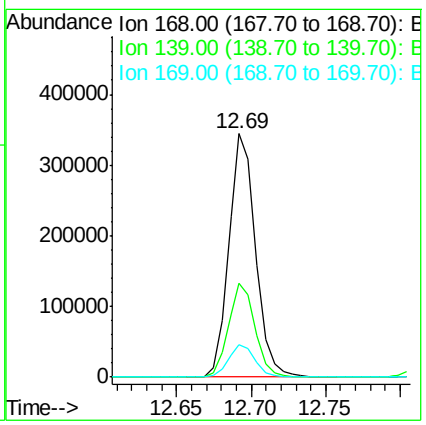


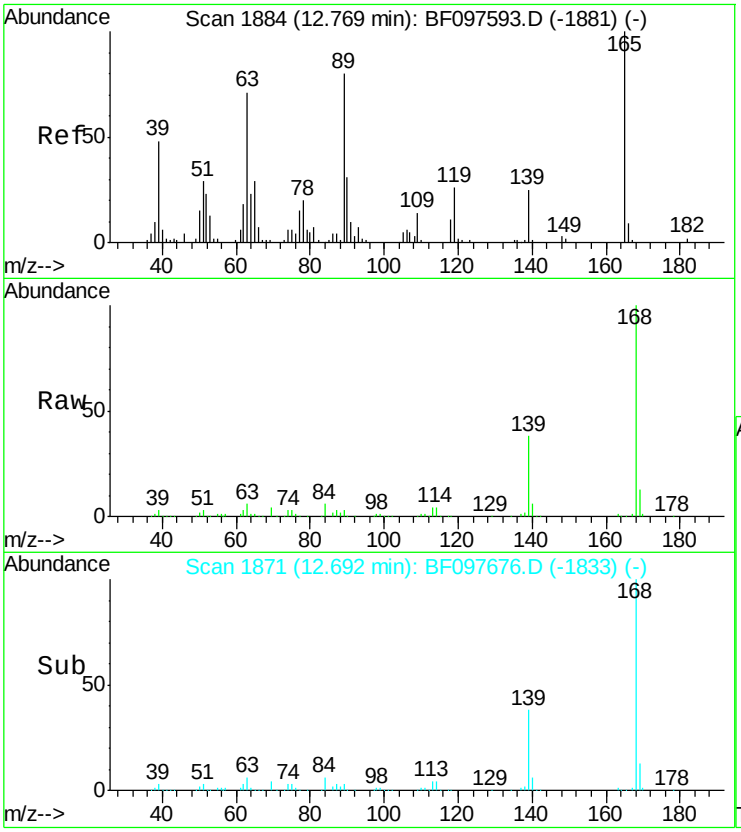




#54
Dibenzofuran
Concen: 27.82 ng
RT: 12.69 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:168 Resp: 431690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.3 | 30.6 | 45.8 |
| 169 | 13.2 | 10.8 | 16.2 |



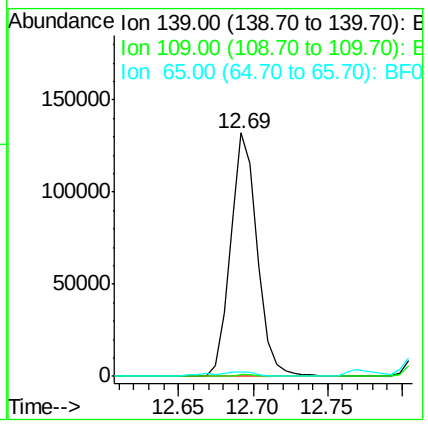


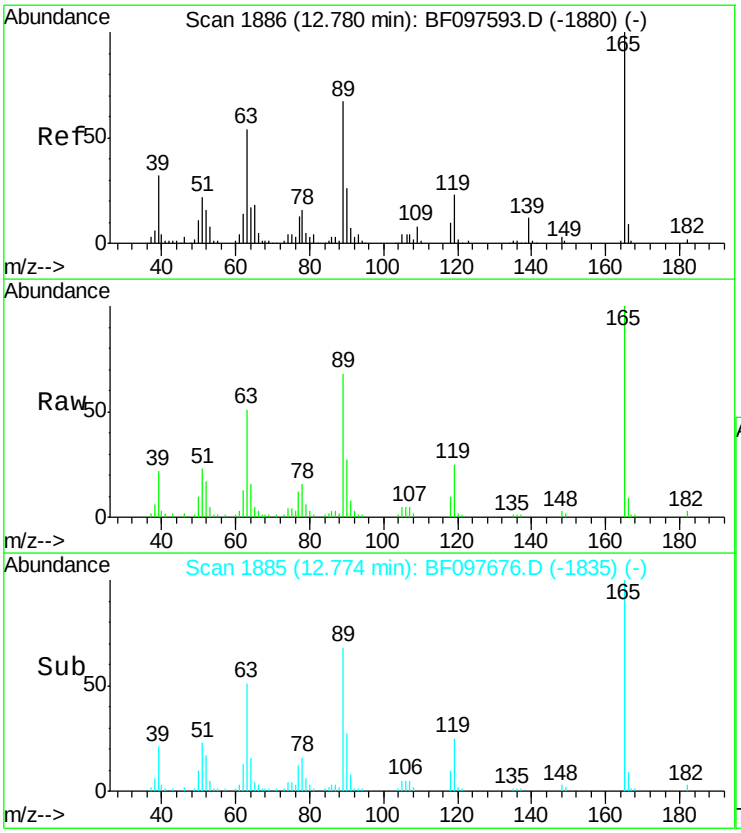

#55
4-Nitrophenol
Concen: 117.85 ng
RT: 12.69 min Scan# 1871
Delta R.T. -0.08 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:139 Resp: 165164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.7 | 34.1 | 74.1# |
| 65 | 1.9 | 31.4 | 71.4# |

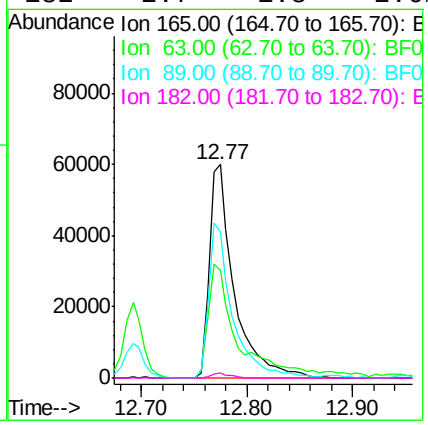


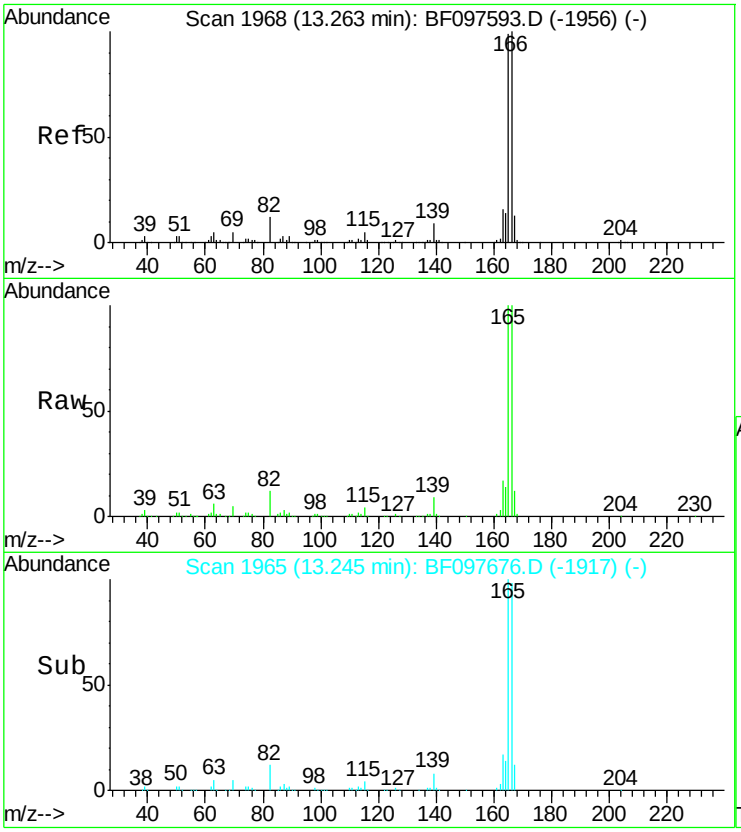




#56
2,4-Dinitrotoluene
Concen: 26.13 ng
RT: 12.77 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:165 Resp: 98038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.6 | 25.4 | 38.0# |
| 89 | 68.1 | 46.4 | 69.6 |
| 182 | 2.7 | 1.8 | 2.6# |



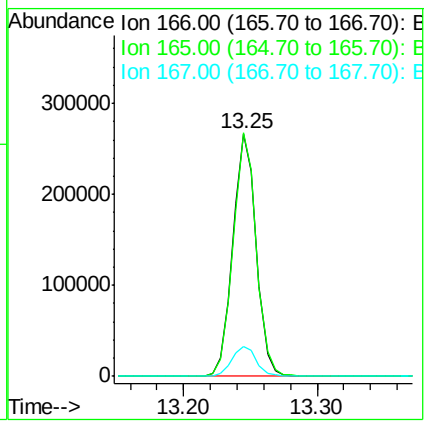


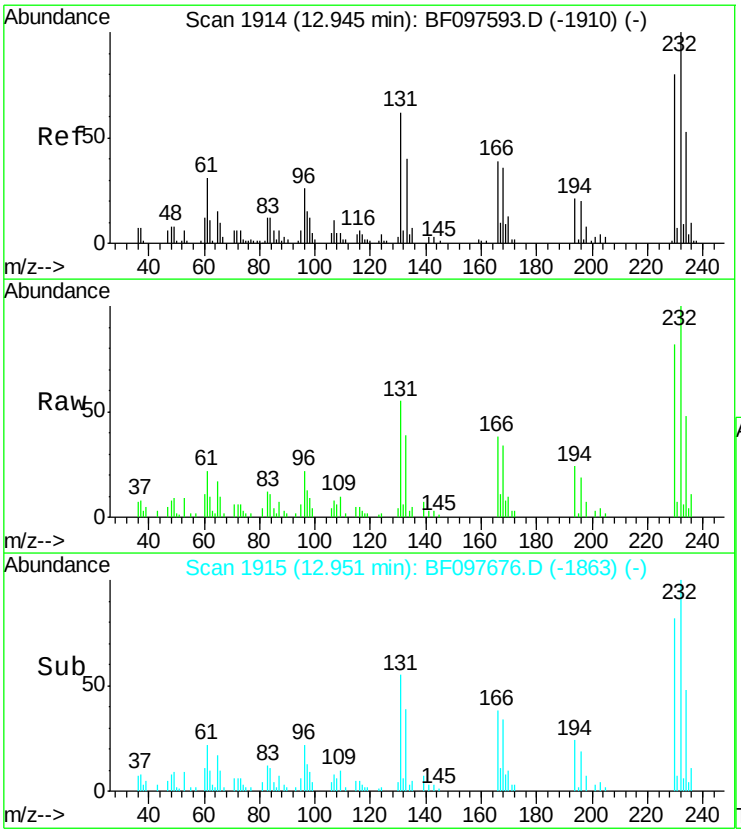

#57
Fluorene
Concen: 25.61 ng
RT: 13.25 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:166 Resp: 326850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.5 | 78.8 | 118.2 |
| 167 | 12.5 | 10.6 | 16.0 |

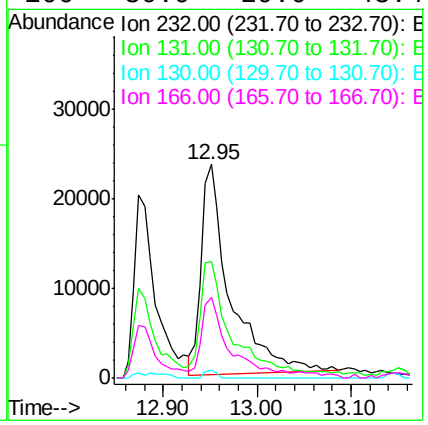


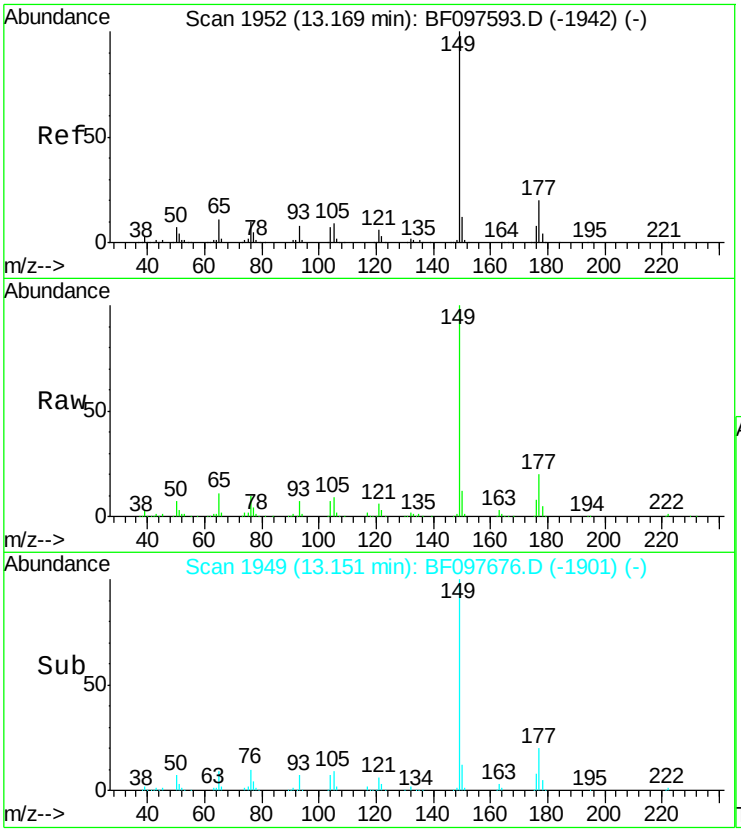




#58
2,3,4,6-Tetrachlorophenol
Concen: 23.89 ng
RT: 12.95 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:232 Resp: 51055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 58.5 | 44.8 | 67.2 |
| 130 | 1.5 | 2.3 | 3.5# |
| 166 | 30.9 | 29.0 | 43.4 |



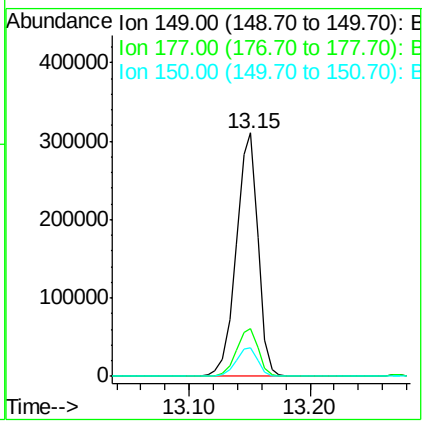


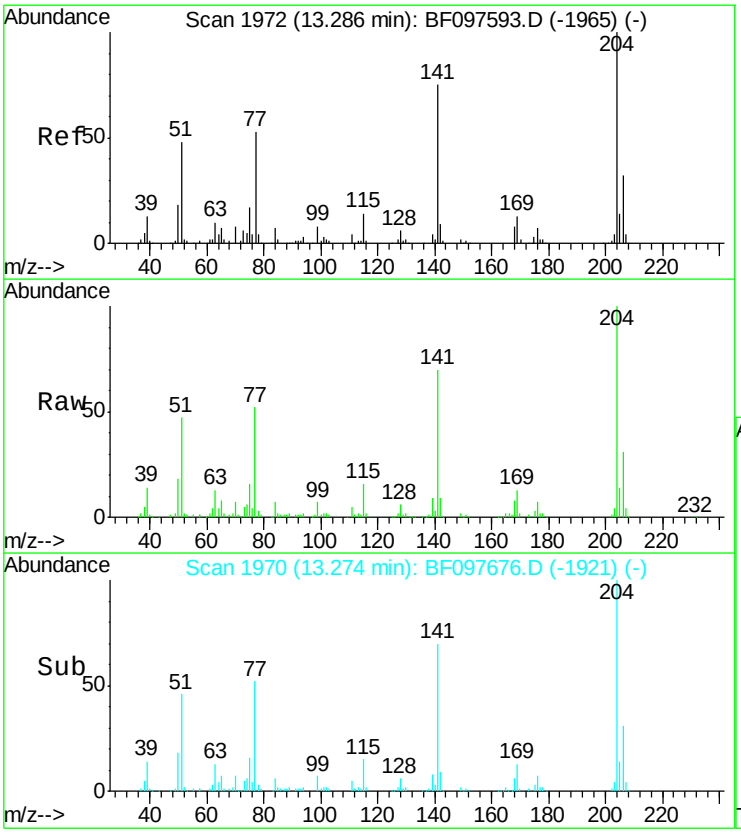

#59
Diethylphthalate
Concen: 30.32 ng
RT: 13.15 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:149 Resp: 389813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.6 | 16.7 | 25.1 |
| 150 | 12.0 | 10.2 | 15.2 |

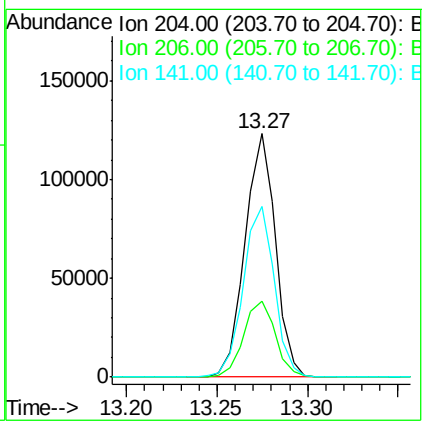


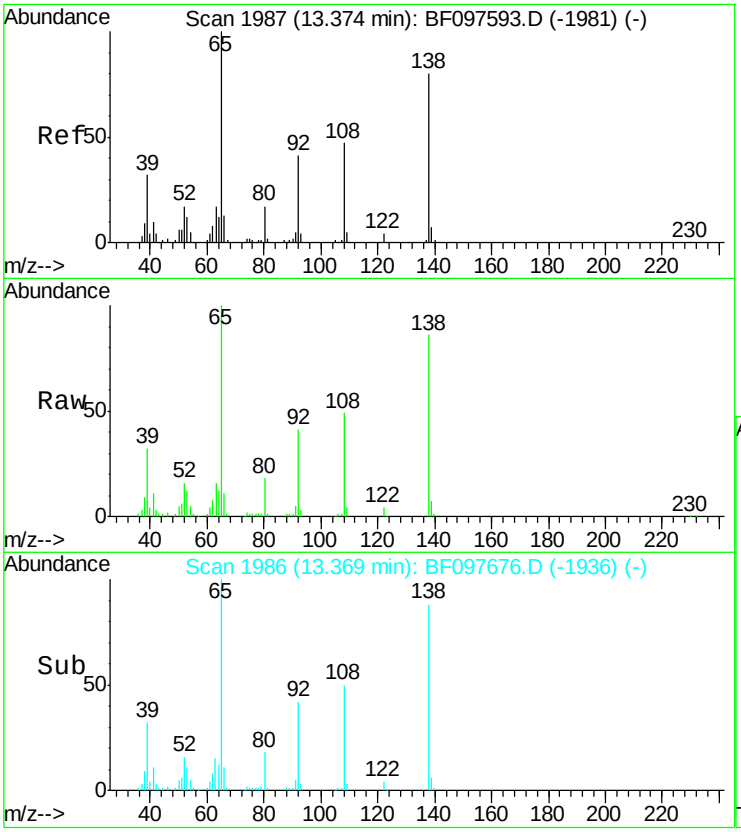




#60
4-Chlorophenyl-phenylether
Concen: 26.47 ng
RT: 13.27 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:204 Resp: 144211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.2 | 26.2 | 39.2 |
| 141 | 70.2 | 60.8 | 91.2 |



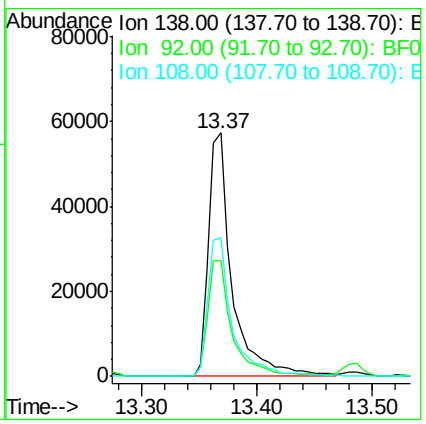


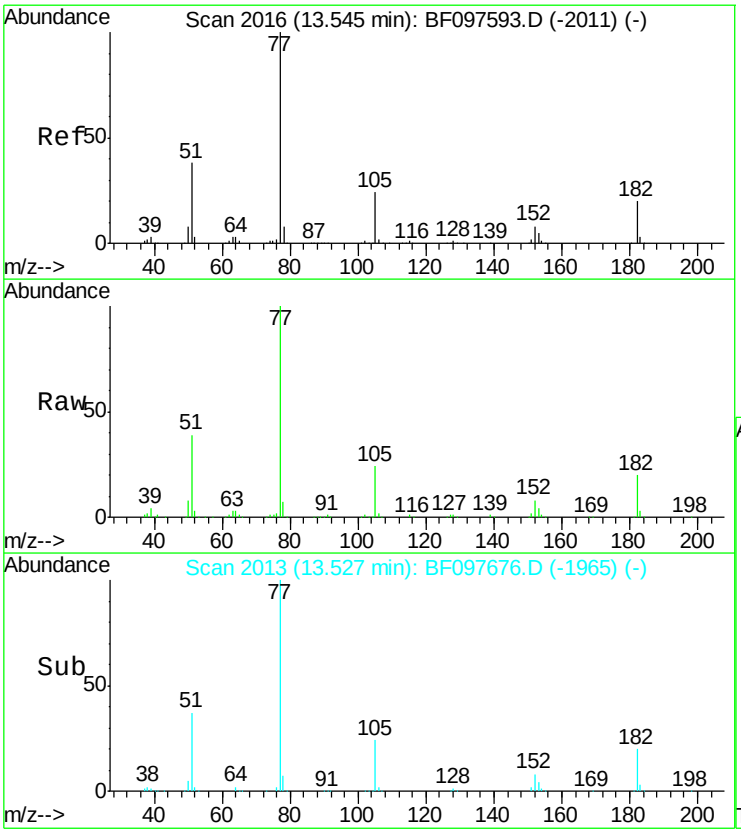

#61
4-Nitroaniline
Concen: 23.05 ng
RT: 13.37 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:138 Resp: 80927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.4 | 21.8 | 61.8 |
| 108 | 57.1 | 42.3 | 82.3 |

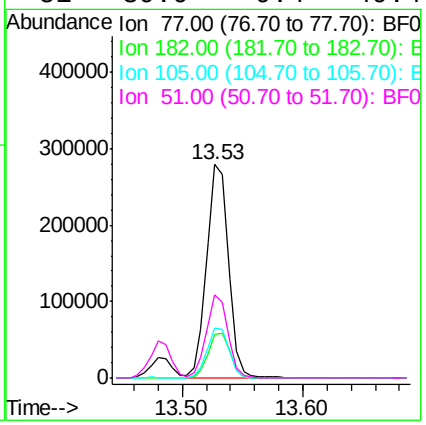


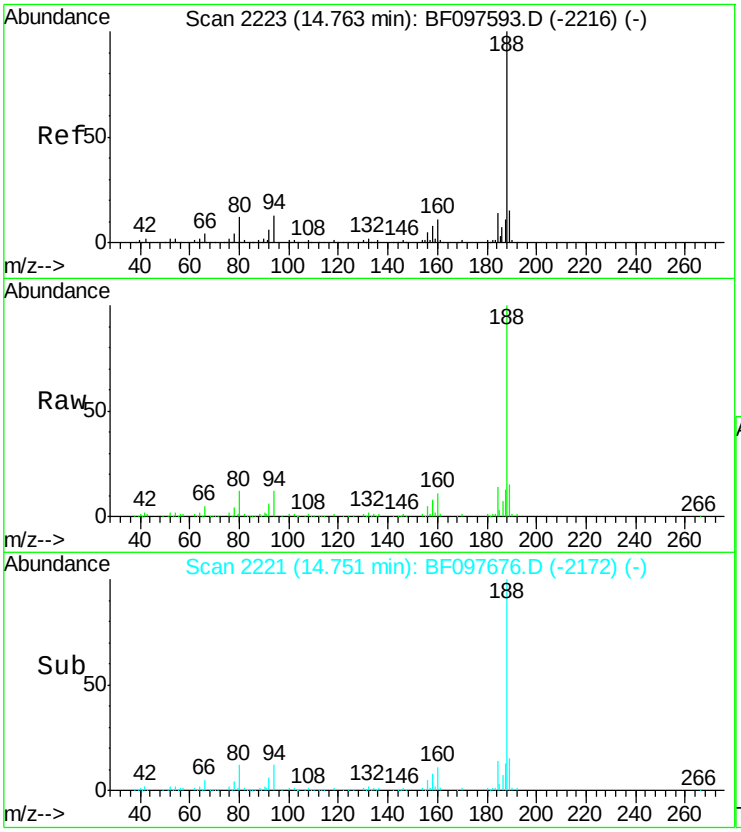




#62
Azobenzene
Concen: 27.28 ng
RT: 13.53 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion: 77 Resp: 348840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 20.2 | 0.1 | 40.1 |
| 105 | 23.7 | 3.6 | 43.6 |
| 51 | 39.0 | 9.4 | 49.4 |



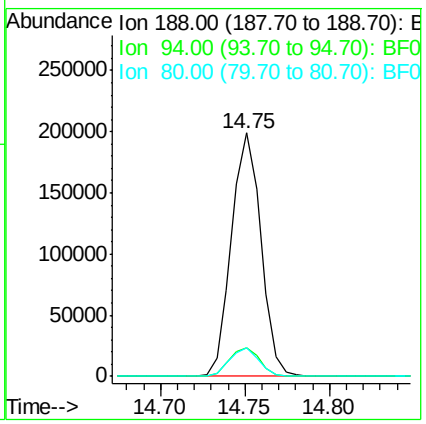


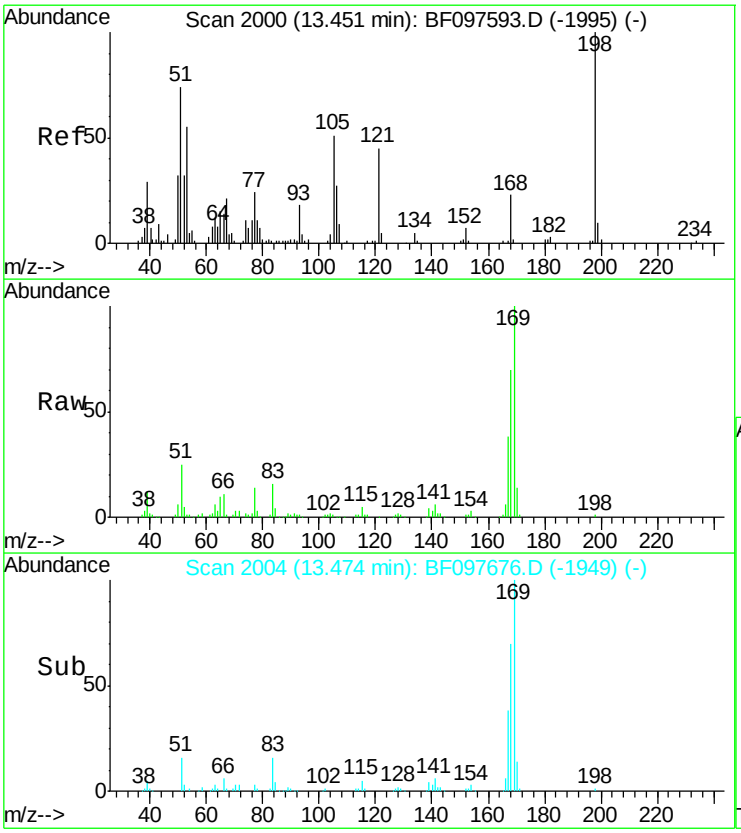

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:188 Resp: 242005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.5 | 9.4 | 14.2 |
| 80 | 11.9 | 10.2 | 15.2 |

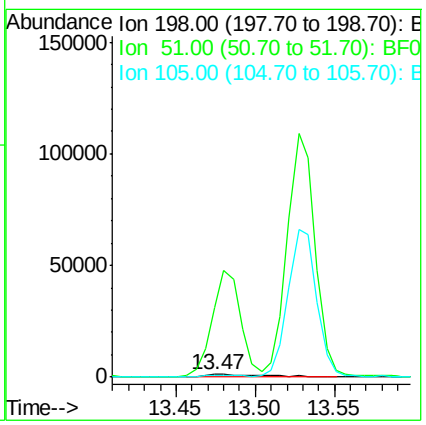


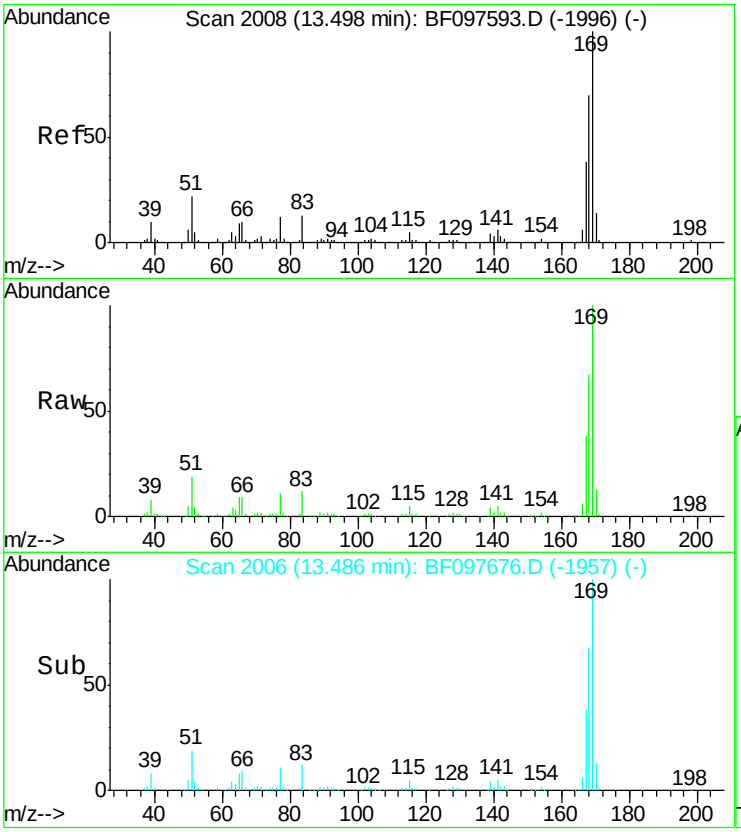




#64
4,6-Dinitro-2-methylphenol
Concen: 2.33 ng
RT: 13.47 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:198 Resp: 3447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 2452.0 | 53.2 | 93.2# |
| 105 | 71.6 | 45.8 | 85.8 |



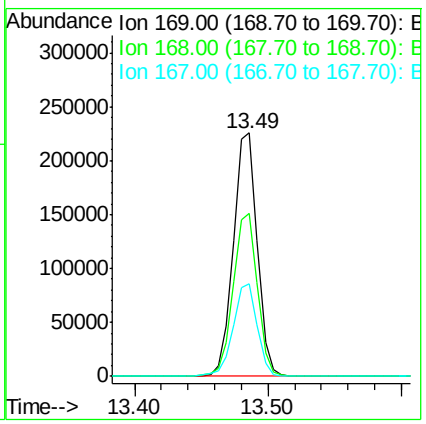


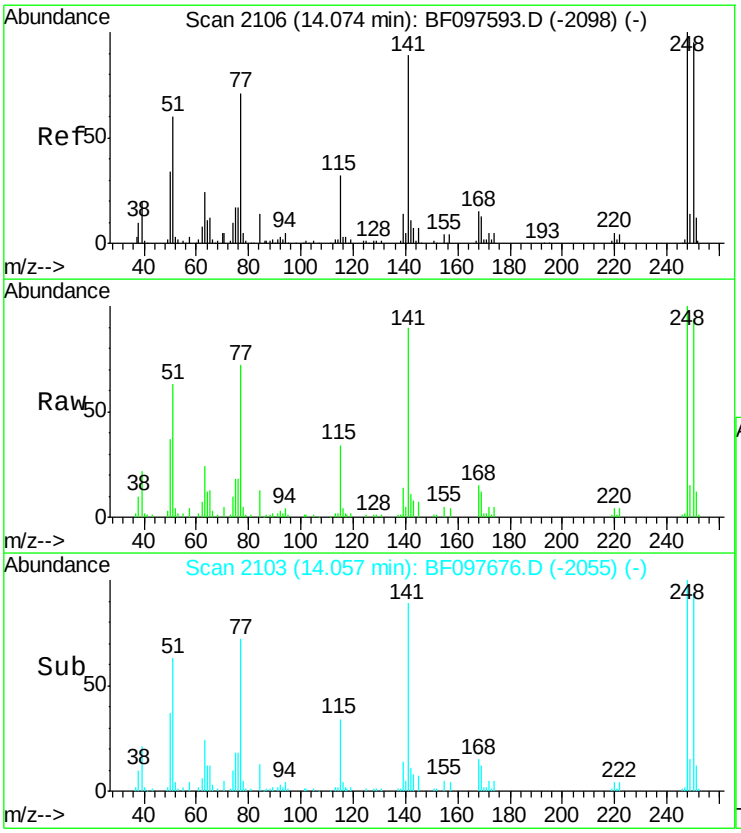

#65
n-Nitrosodiphenylamine
Concen: 31.45 ng
RT: 13.49 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:169 Resp: 281299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 53.2 | 79.8 |
| 167 | 38.0 | 29.5 | 44.3 |

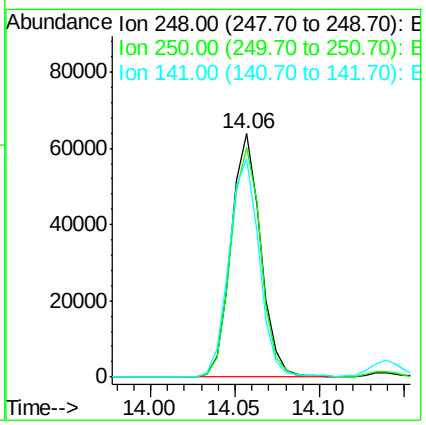


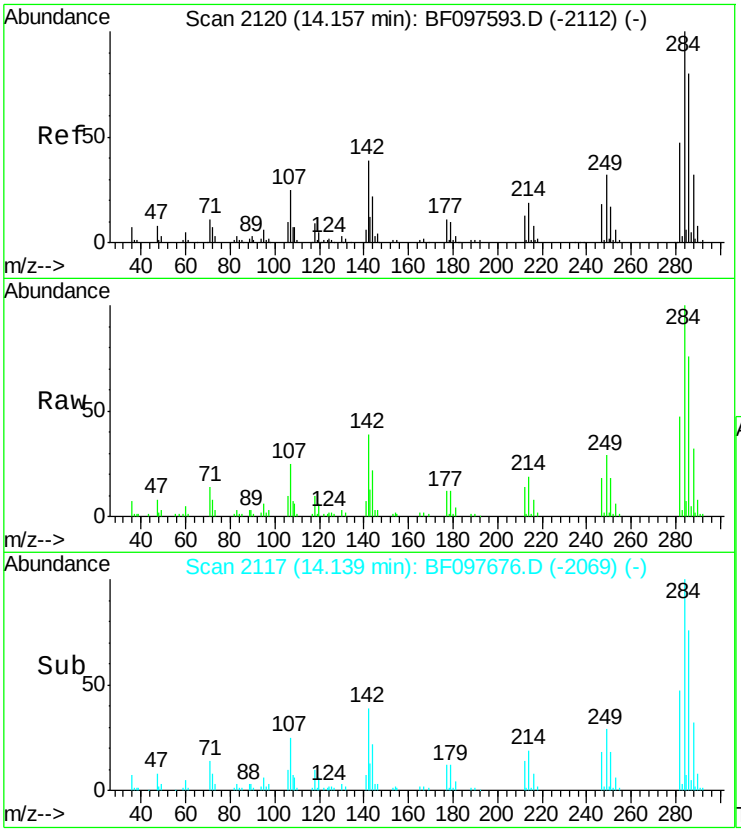




#66
4-Bromophenyl-phenylether
Concen: 30.84 ng
RT: 14.06 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:248 Resp: 77443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.1 | 76.8 | 115.2 |
| 141 | 89.6 | 68.6 | 103.0 |



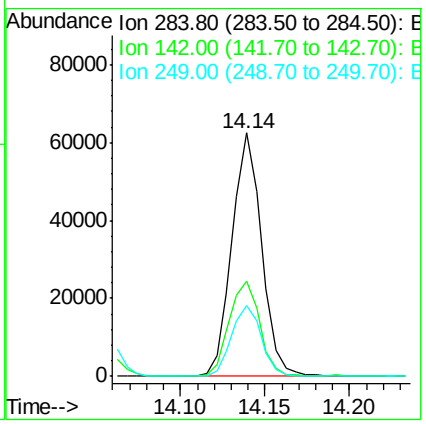


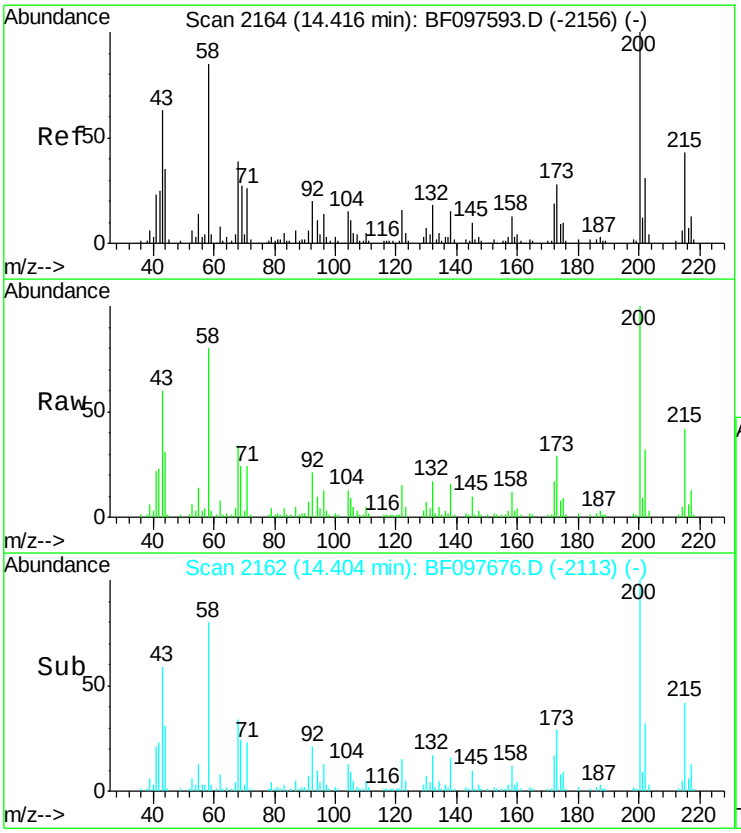

#67
Hexachlorobenzene
Concen: 27.89 ng
RT: 14.14 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:284 Resp: 76290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 38.9 | 22.8 | 34.2# |
| 249 | 29.2 | 24.0 | 36.0 |

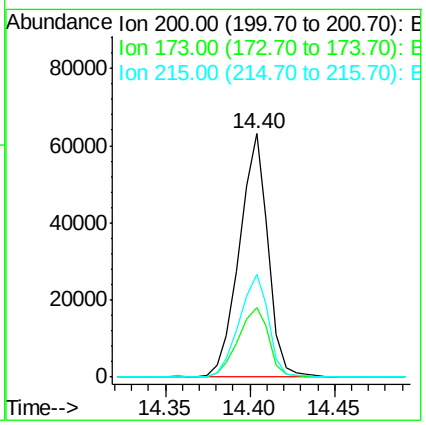


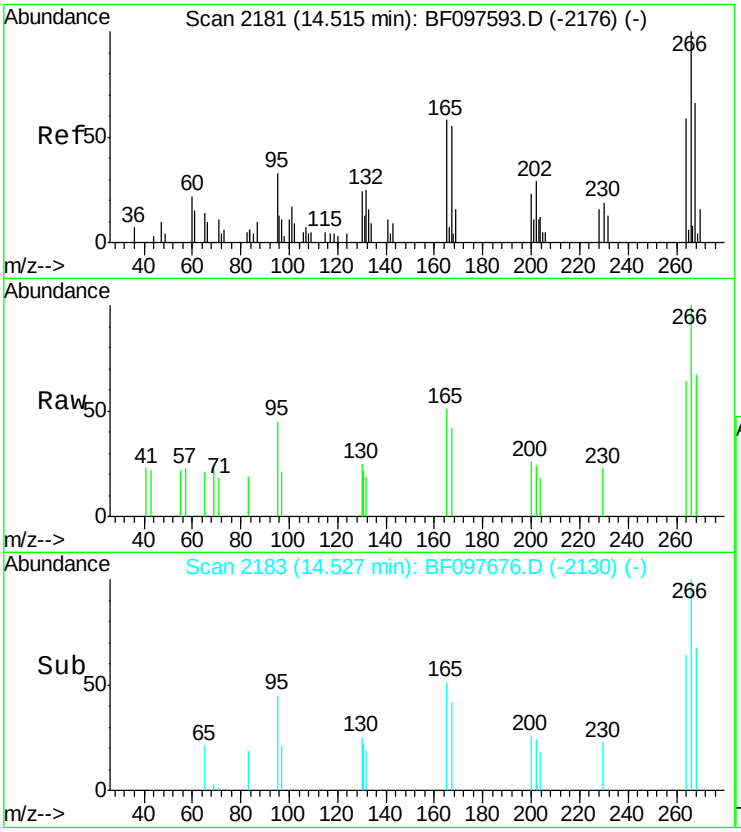




#68
Atrazine
Concen: 33.20 ng
RT: 14.40 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:200 Resp: 74507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.5 | 6.3 | 46.3 |
| 215 | 42.2 | 27.2 | 67.2 |



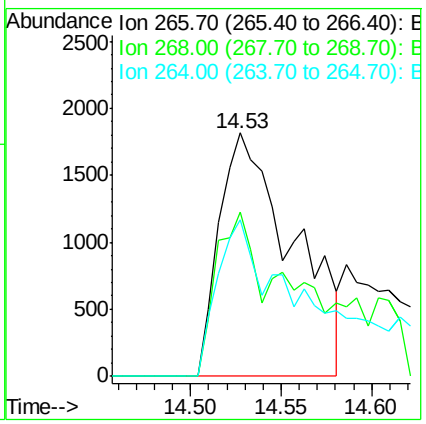


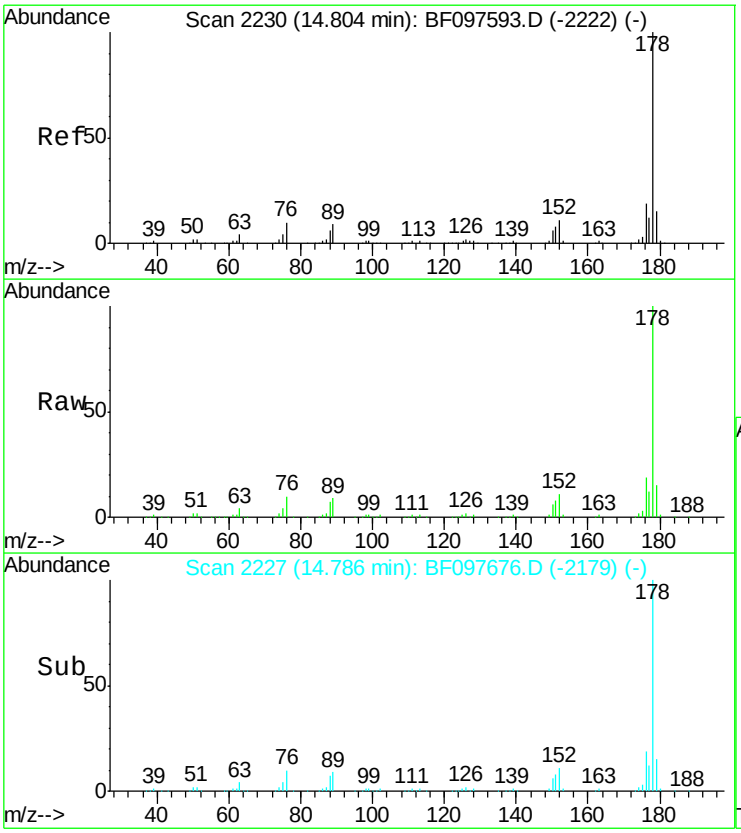

#69
Pentachlorophenol
Concen: 15.75 ng
RT: 14.53 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:266 Resp: 5176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.3 | 51.1 | 76.7 |
| 264 | 64.2 | 51.7 | 77.5 |

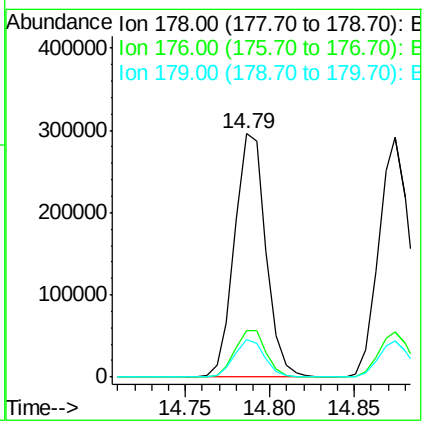


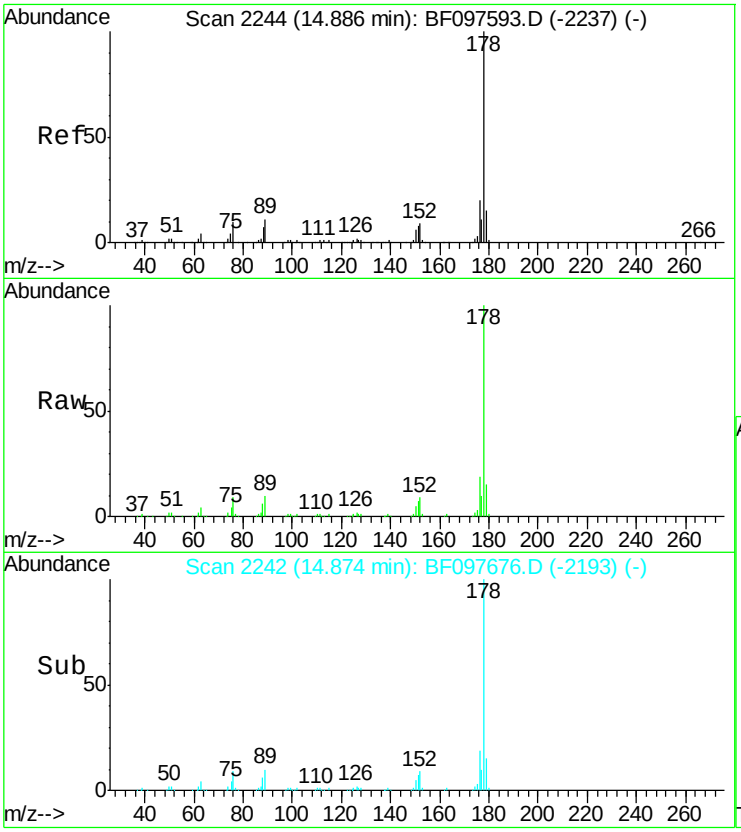




#70
Phenanthrene
Concen: 27.55 ng
RT: 14.79 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:178 Resp: 384026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 16.2 | 24.4 |
| 179 | 15.5 | 12.6 | 19.0 |



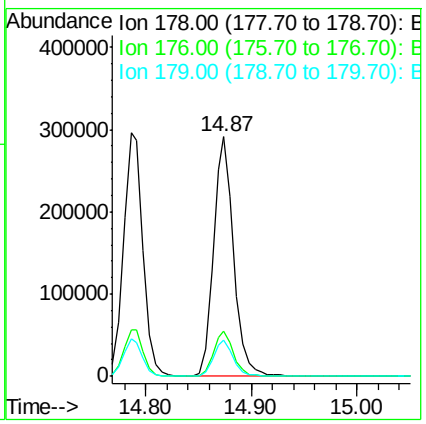


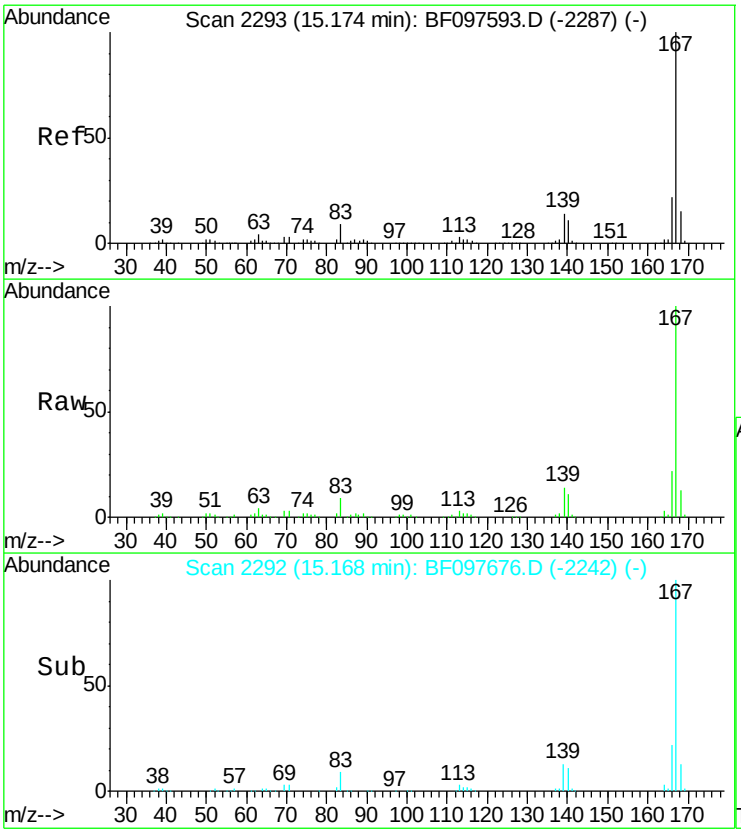

#71
Anthracene
Concen: 27.28 ng
RT: 14.87 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:178 Resp: 389048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.8 | 23.8 |
| 179 | 15.2 | 12.7 | 19.1 |

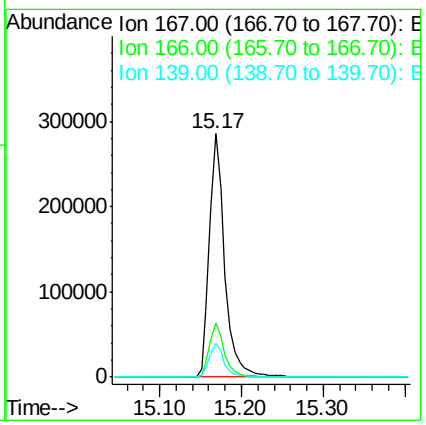


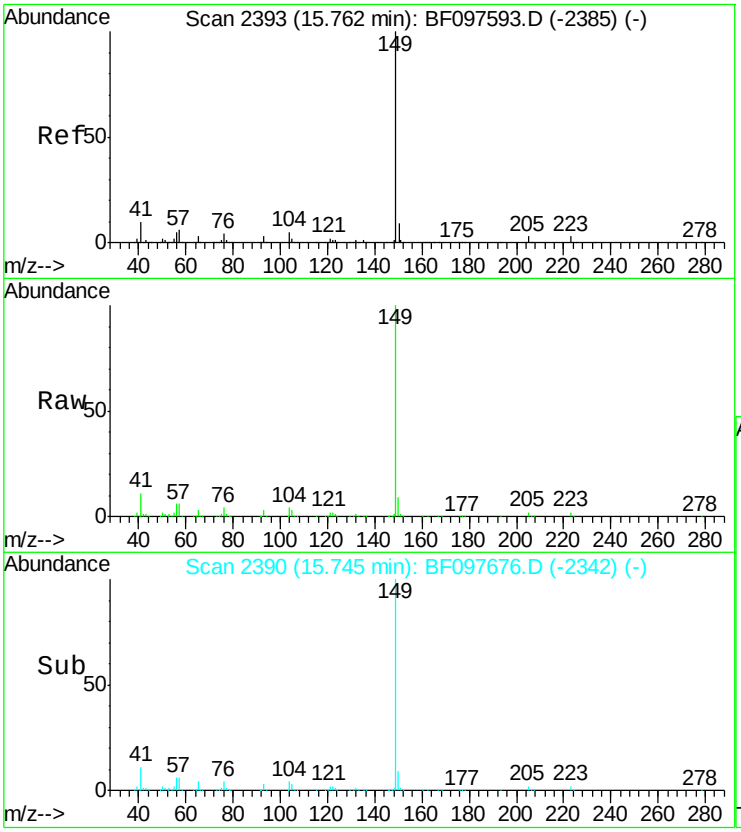




#72
Carbazole
Concen: 27.47 ng
RT: 15.17 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:167 Resp: 372908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 18.1 | 27.1 |
| 139 | 13.9 | 11.7 | 17.5 |



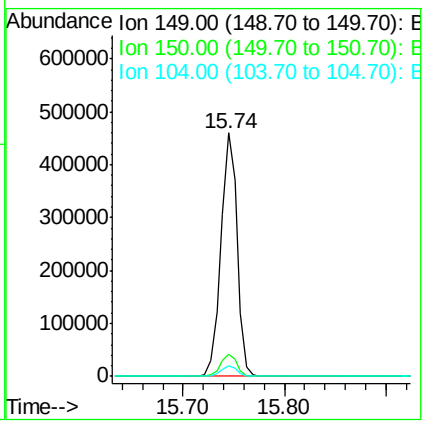


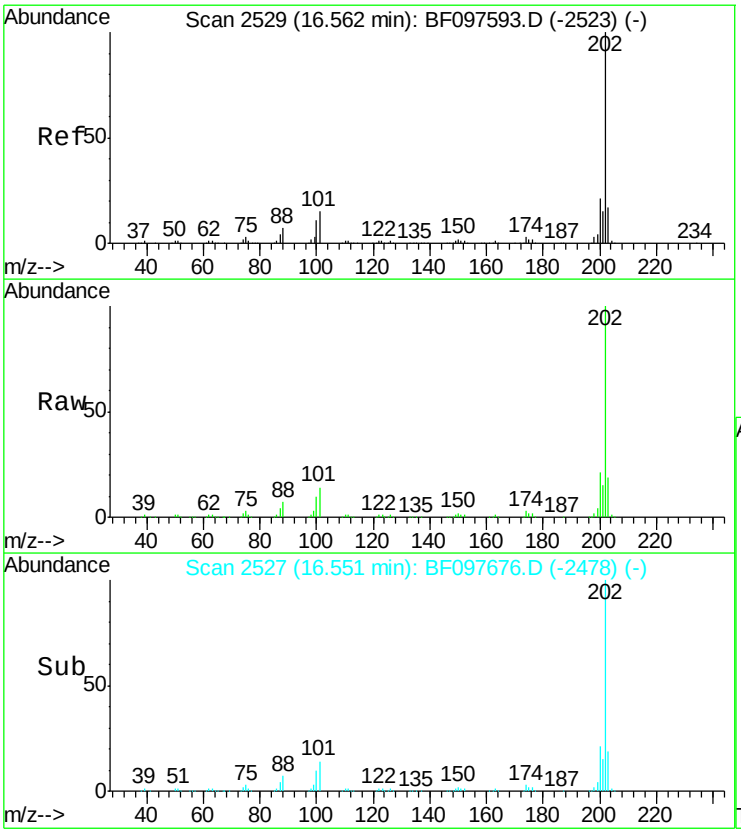

#73
Di-n-butylphthalate
Concen: 31.96 ng
RT: 15.74 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:149 Resp: 507890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.7 | 11.5 |
| 104 | 4.4 | 4.0 | 6.0 |

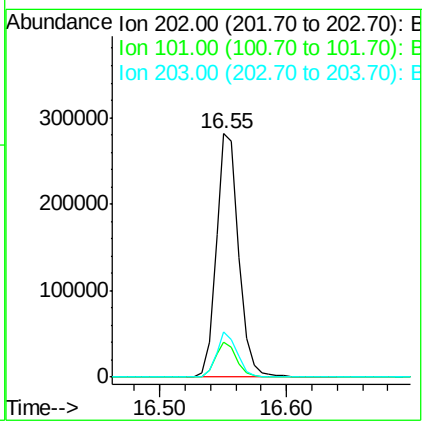


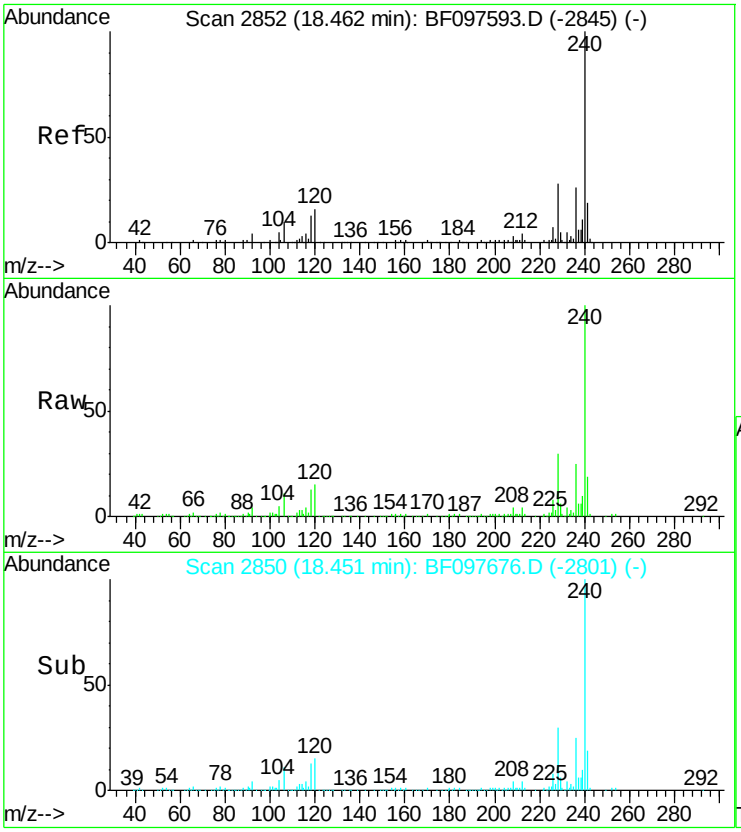




#74
Fluoranthene
Concen: 27.36 ng
RT: 16.55 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:202 Resp: 344610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.2 | 0.0 | 33.2 |
| 203 | 18.6 | 0.0 | 38.1 |



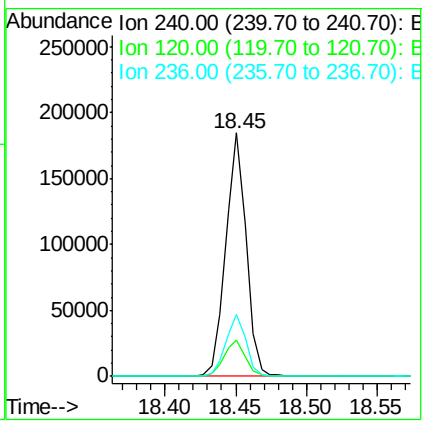


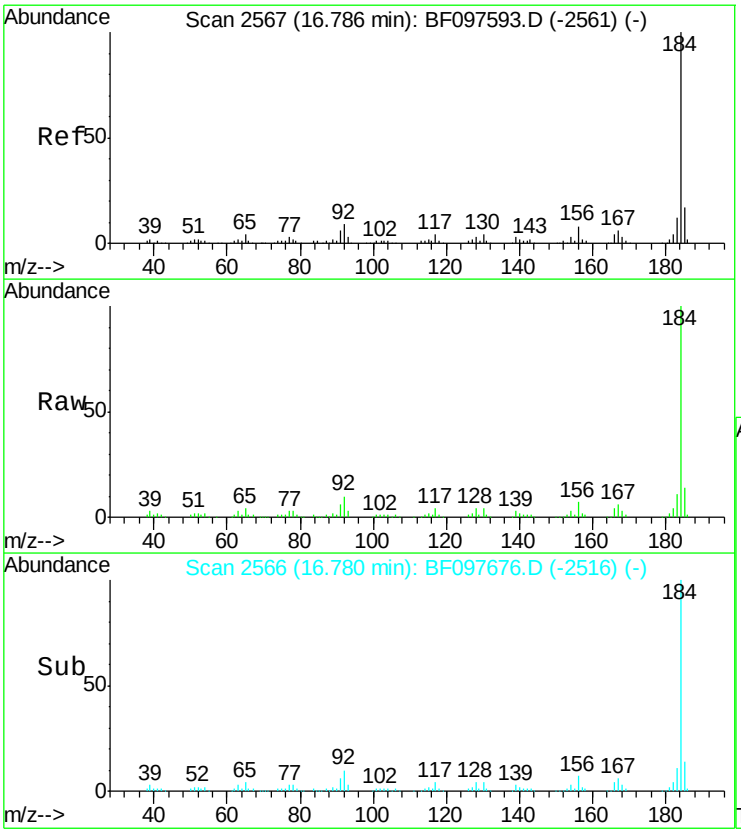

#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:240 Resp: 185192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.1 | 5.8 | 8.8# |
| 236 | 25.2 | 20.5 | 30.7 |

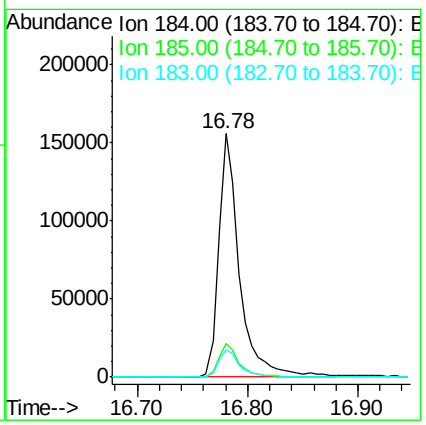


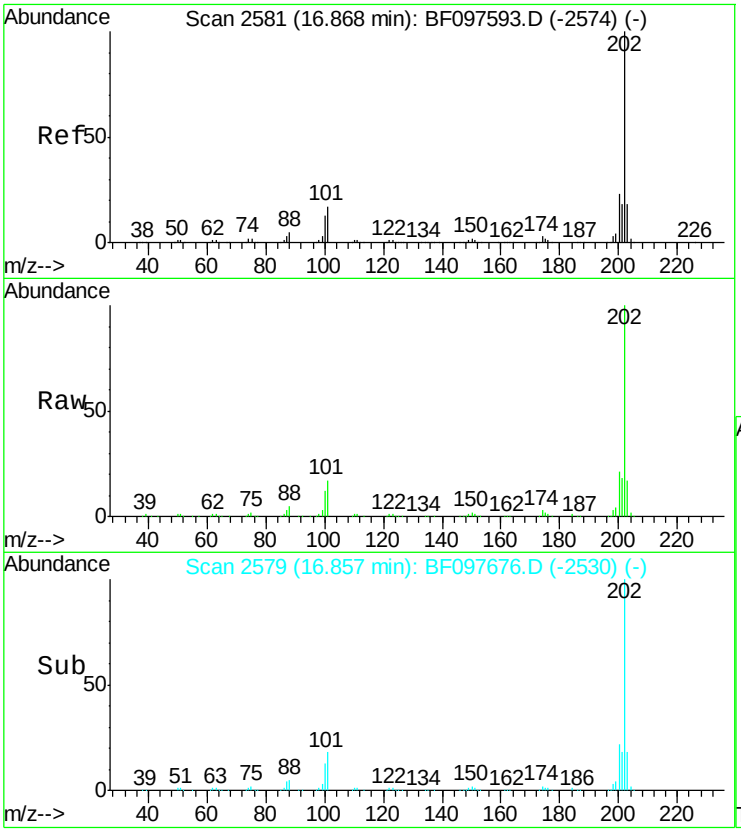




#76
Benzidine
Concen: 33.53 ng
RT: 16.78 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:184 Resp: 204633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 15.5 | 23.3# |
| 183 | 11.4 | 9.8 | 14.6 |



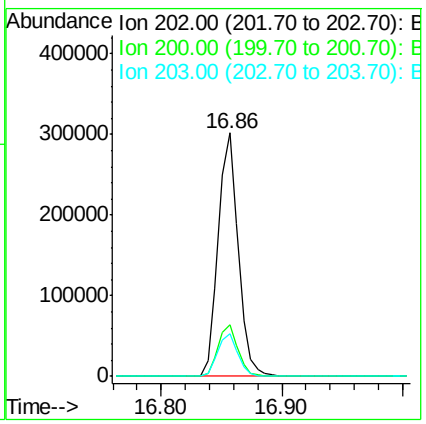


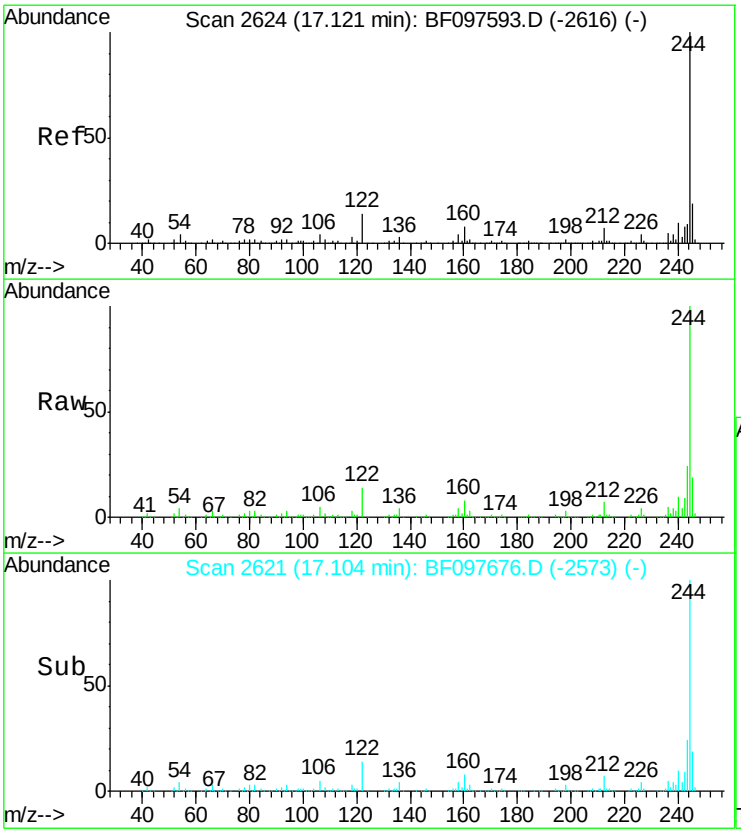

#77
Pyrene
Concen: 22.55 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:202 Resp: 345343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.6 | 26.4 |
| 203 | 17.4 | 14.4 | 21.6 |

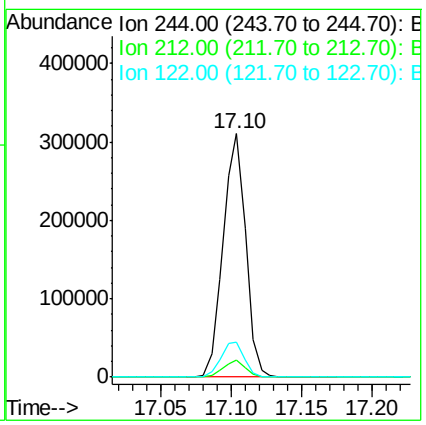


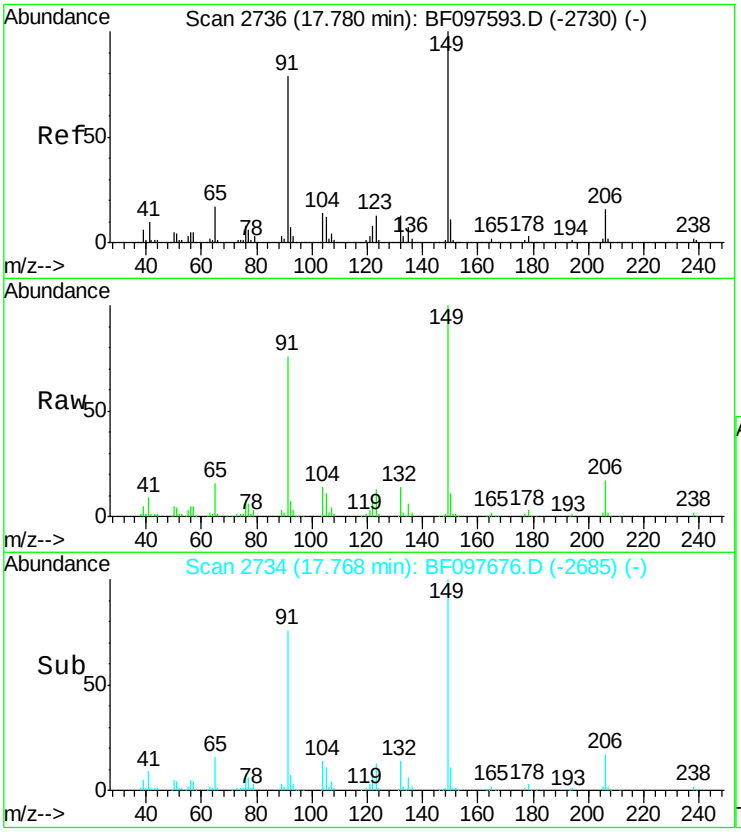




#78
Terphenyl-d14
Concen: 38.51 ng
RT: 17.10 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:244 Resp: 344576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.0 | 9.0 |
| 122 | 14.2 | 10.3 | 15.5 |



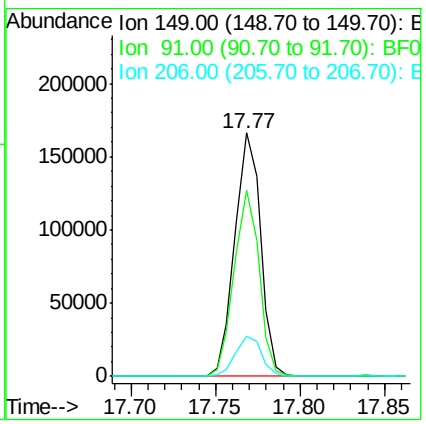


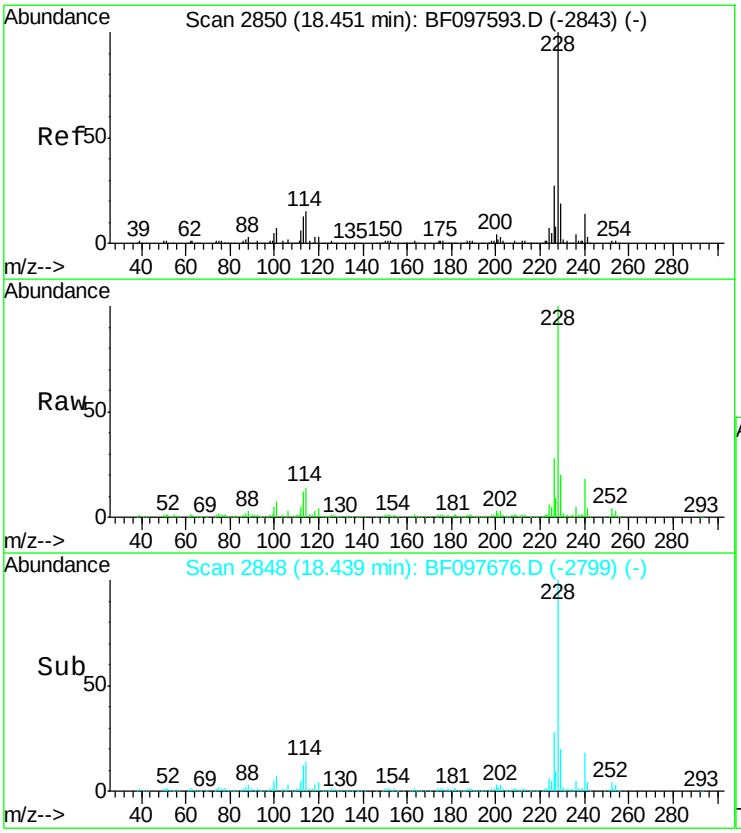

#79
Butylbenzylphthalate
Concen: 27.82 ng
RT: 17.77 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:149 Resp: 178118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.3 | 45.0 | 67.4# |
| 206 | 16.7 | 17.0 | 25.6# |

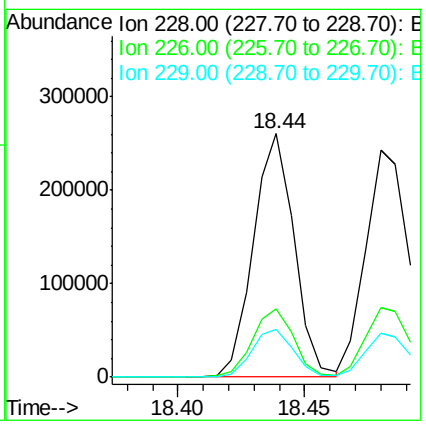


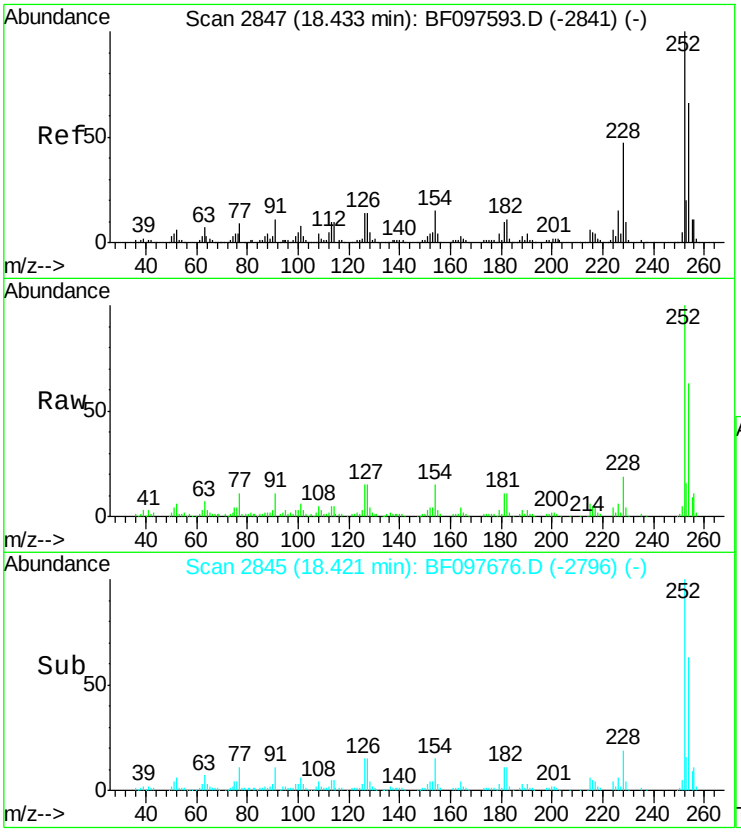




#80
Benzo(a)anthracene
Concen: 27.05 ng
RT: 18.44 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:228 Resp: 292558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.6 | 33.8 |
| 229 | 19.8 | 16.3 | 24.5 |



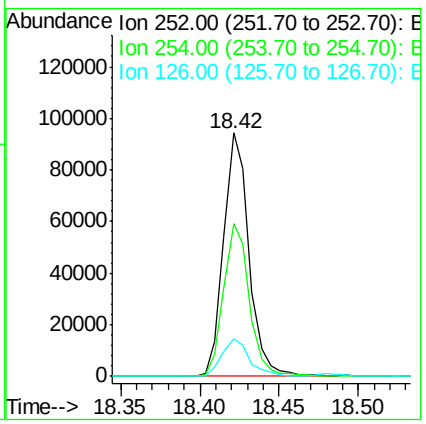


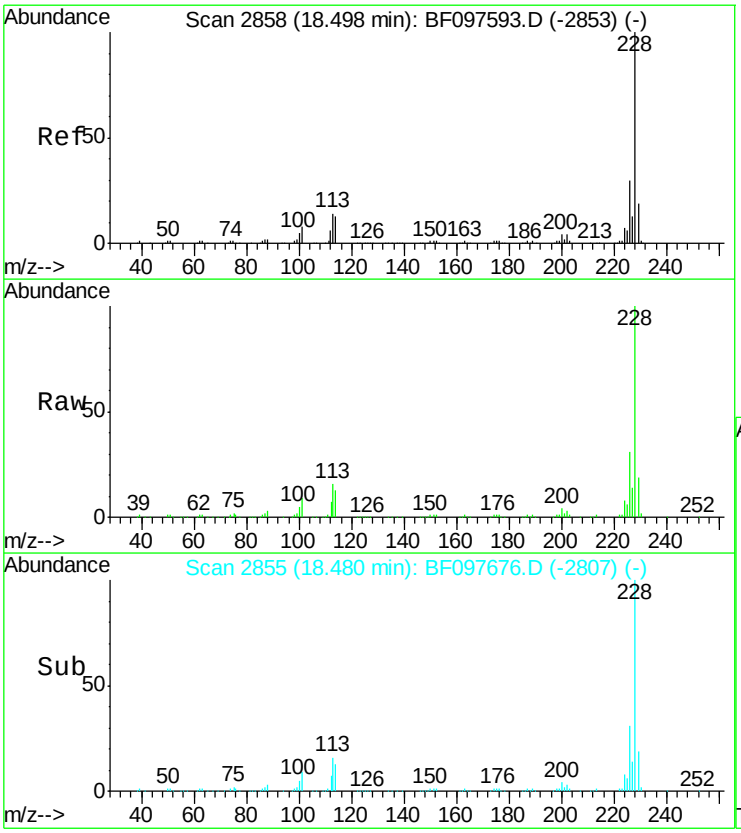

#81
3,3'-Dichlorobenzidine
Concen: 28.01 ng
RT: 18.42 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:252 Resp: 104499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.8 | 51.5 | 77.3 |
| 126 | 15.3 | 15.8 | 23.8# |

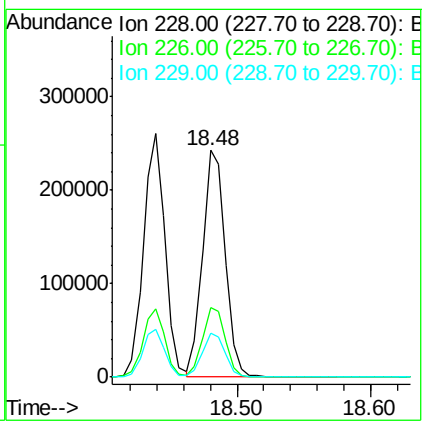


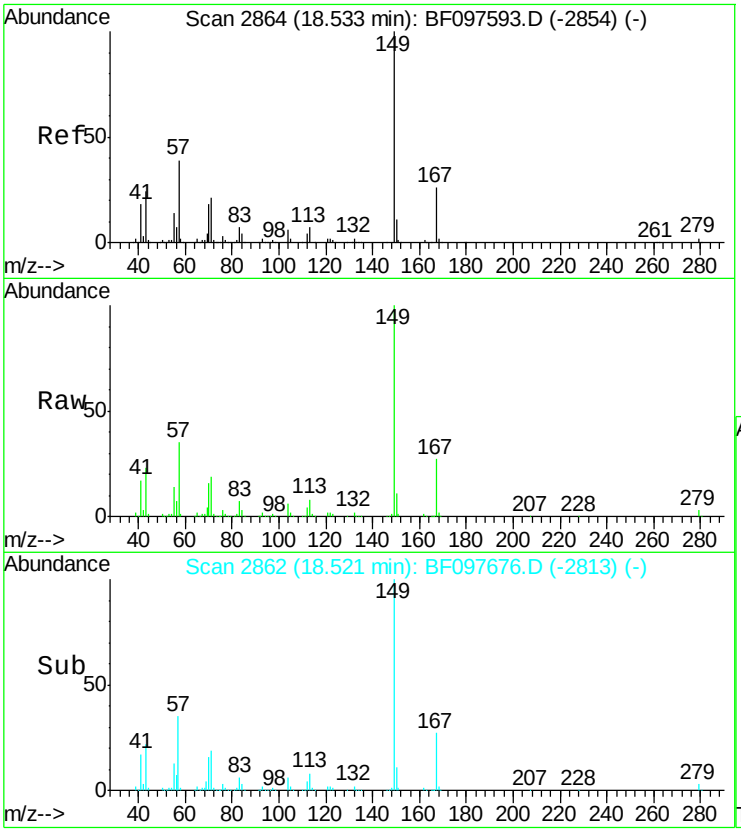




#82
Chrysene
Concen: 26.82 ng
RT: 18.48 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:228 Resp: 288574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 24.9 | 37.3 |
| 229 | 19.4 | 15.8 | 23.6 |



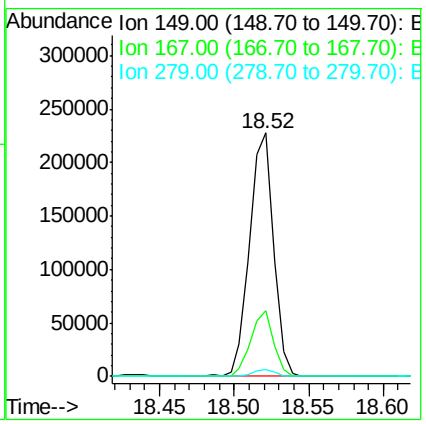


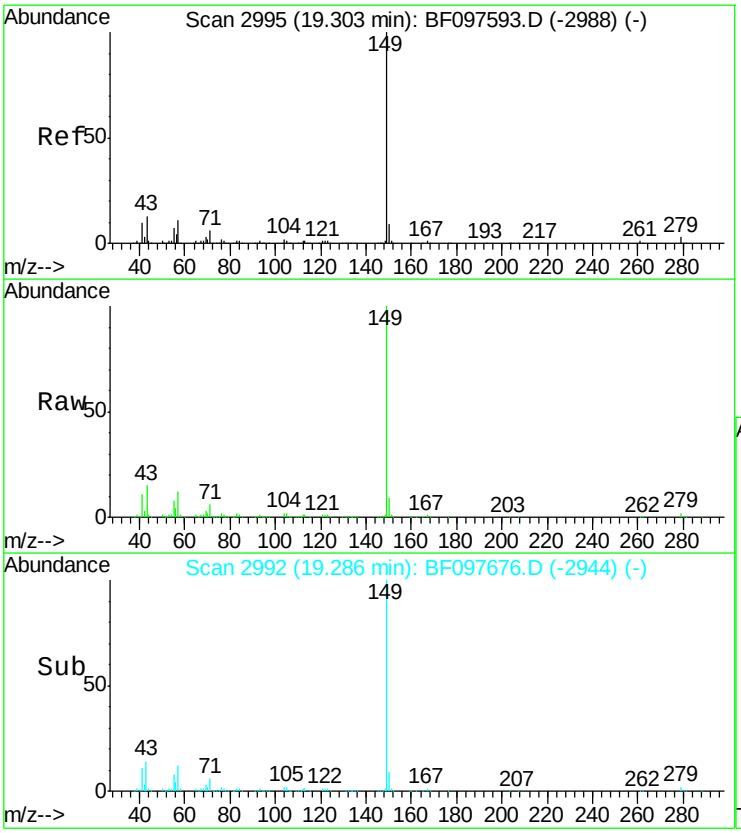

#83
Bis(2-ethylhexyl)phthalate
Concen: 27.71 ng
RT: 18.52 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:149 Resp: 252372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 21.0 | 31.4 |
| 279 | 2.6 | 1.9 | 2.9 |

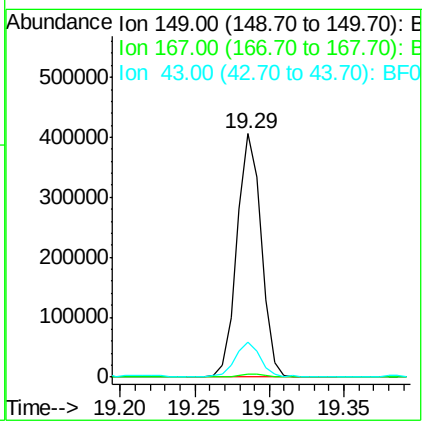


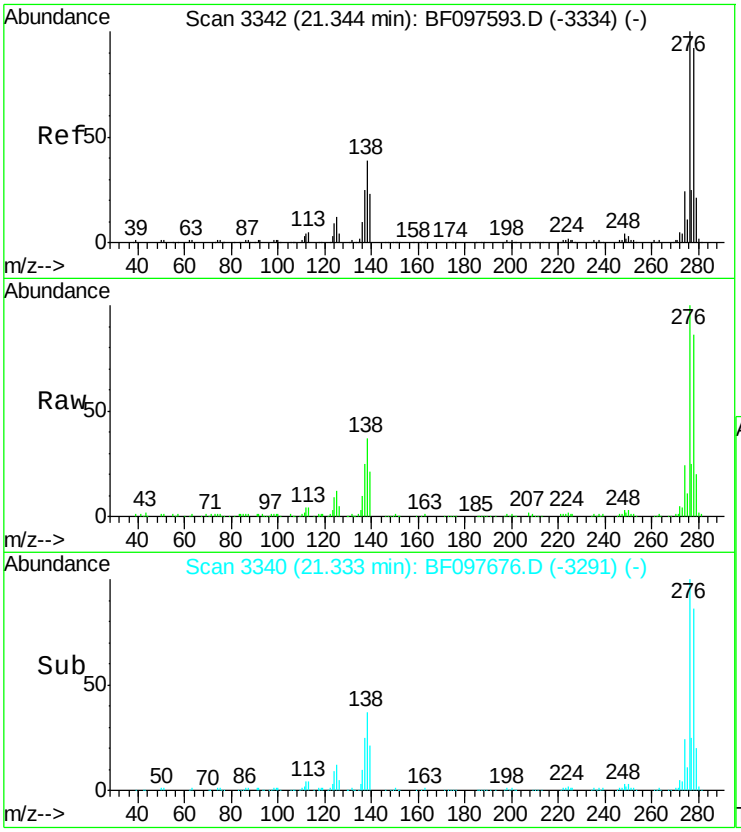




#84
Di-n-octyl phthalate
Concen: 28.92 ng
RT: 19.29 min Scan# 2992
Delta R.T. -0.02 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:149 Resp: 459983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.2 | 1.8 |
| 43 | 14.0 | 8.5 | 12.7# |



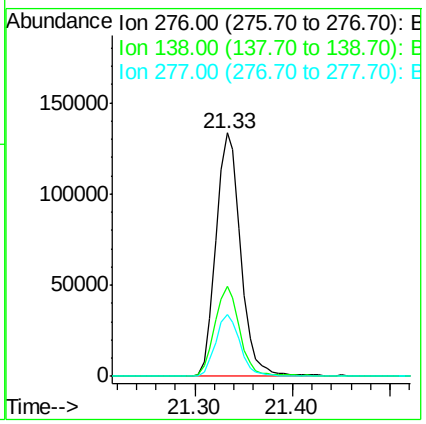


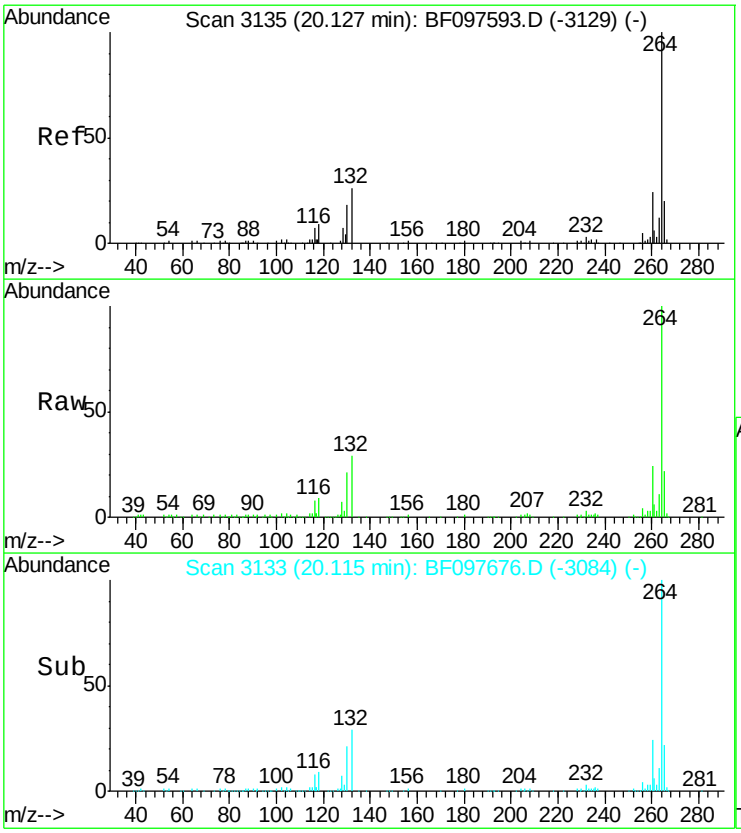

#85
Indeno(1,2,3-cd)pyrene
Concen: 28.10 ng
RT: 21.33 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:276 Resp: 235162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 37.4 | 27.8 | 41.6 |
| 277 | 24.9 | 20.2 | 30.4 |

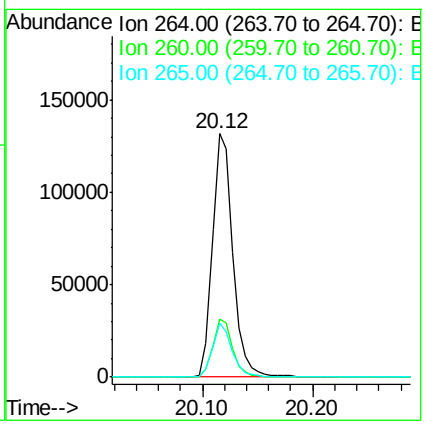


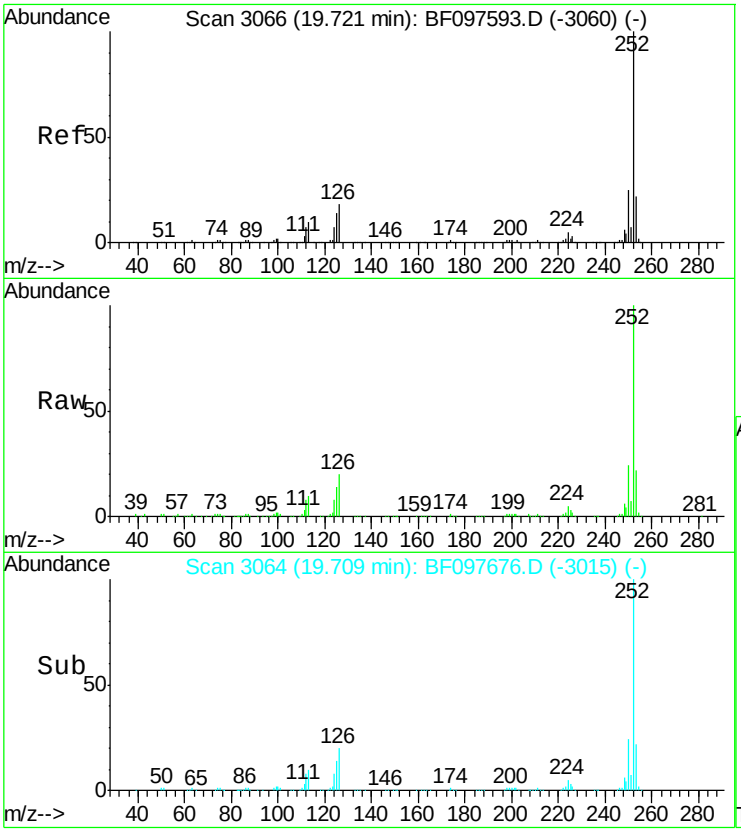




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.12 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:264 Resp: 167203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.5 | 29.3 |
| 265 | 22.1 | 17.2 | 25.8 |



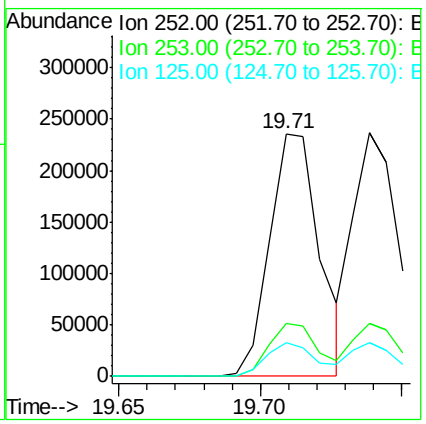


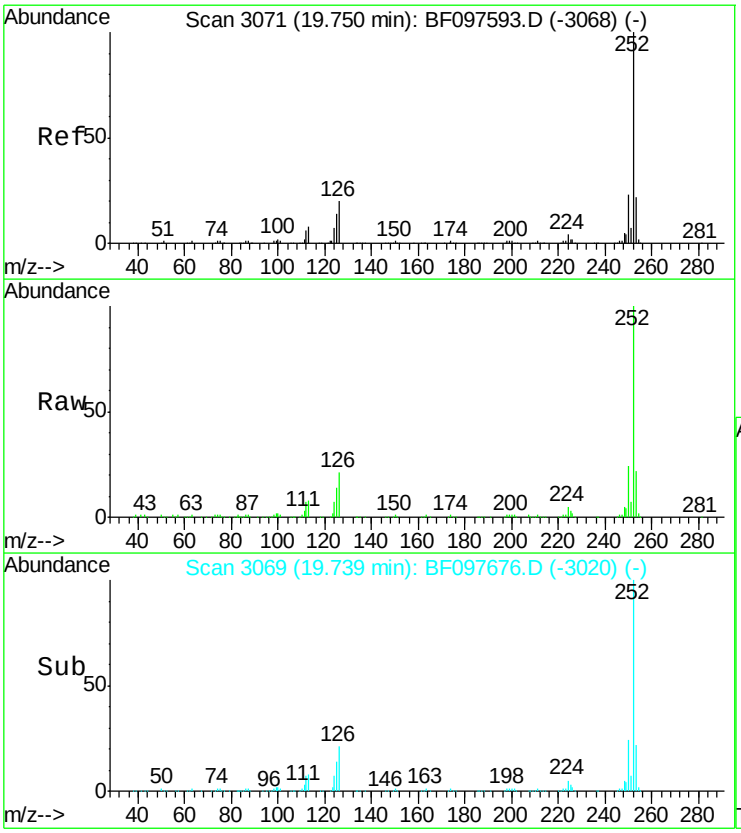

#87
Benzo(b)fluoranthene
Concen: 28.84 ng
RT: 19.71 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:252 Resp: 289593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.1 | 27.1 |
| 125 | 13.9 | 9.8 | 14.8 |

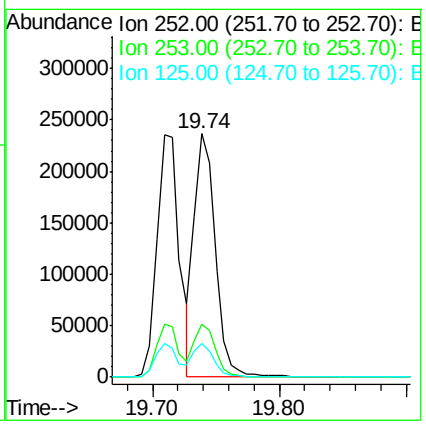


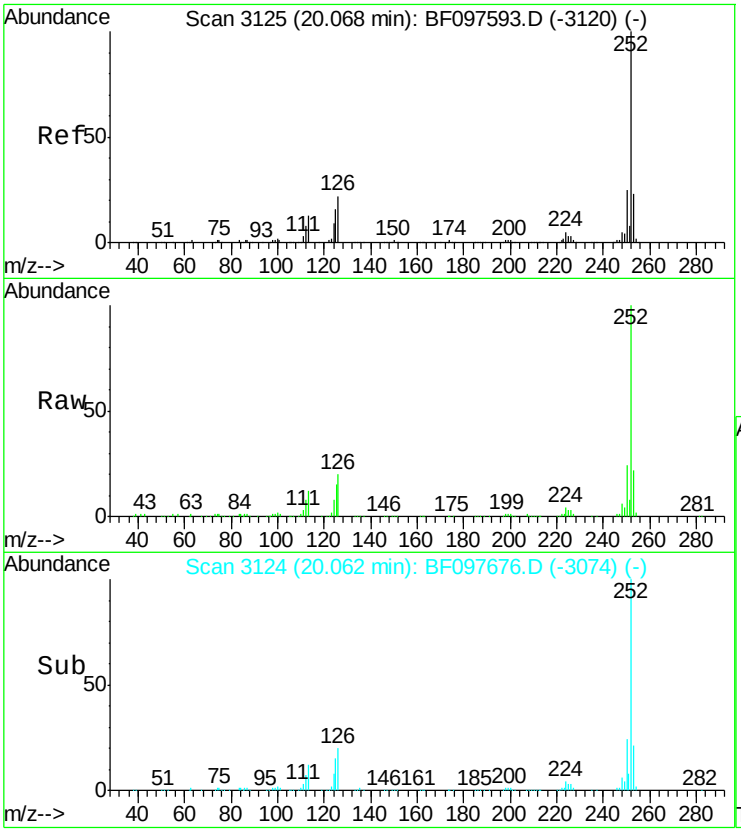




#88
Benzo(k)fluoranthene
Concen: 26.76 ng
RT: 19.74 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:252 Resp: 270568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.4 | 27.6 |
| 125 | 13.7 | 13.1 | 19.7 |



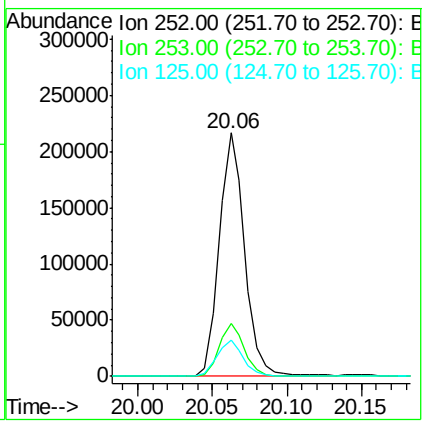


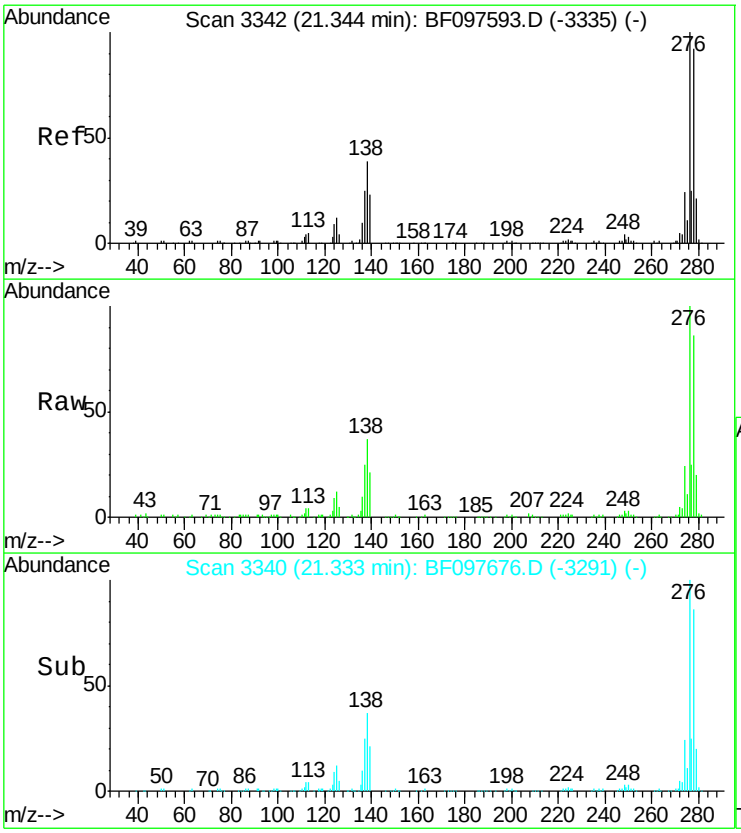

#89
Benzo(a)pyrene
Concen: 28.14 ng
RT: 20.06 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:252 Resp: 259297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.5 | 26.3 |
| 125 | 15.0 | 11.0 | 16.4 |

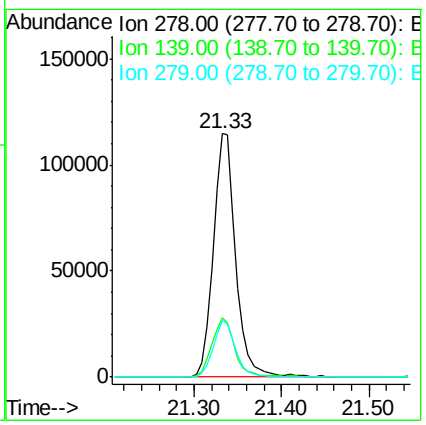


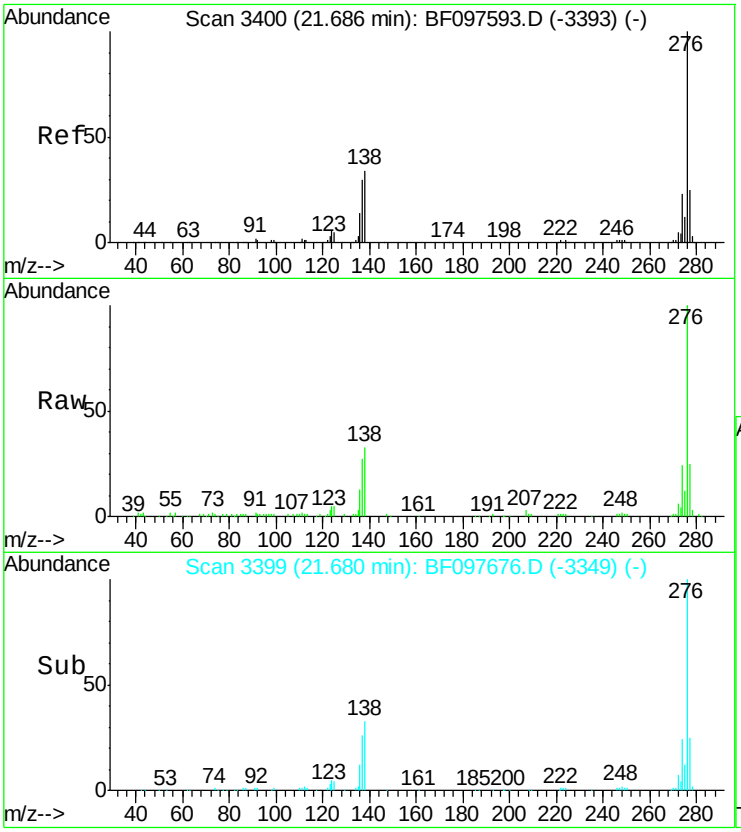




#90
Dibenzo(a,h)anthracene
Concen: 30.71 ng
RT: 21.33 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

Tgt Ion:278 Resp: 202658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 24.4 | 16.6 | 24.8 |
| 279 | 23.6 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 26.71 ng
RT: 21.68 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BF097676.D
Acq: 13 Aug 2017 16:03

**Instrument :**
BNA_F
**ClientSampleId :**
E2-G9-BASEMSD

Tgt Ion:276 Resp: 193365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.2 | 18.6 | 28.0 |
| 138 | 33.4 | 25.4 | 38.0 |