Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 22 00:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 28450 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 12722 | 20.00 | ng | -0.03 |
| 38) Acenaphthene-d10 | 9.80 | 164 | 4526 | 20.00 | ng | -0.05 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 5005 | 20.00 | ng | -0.08 |
| 75) Chrysene-d12 | 14.01 | 240 | 143517 | 20.00 | ng | 0.02 |
| 86) Perylene-d12 | 15.45 | 264 | 168491 | 20.00 | ng | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 292787 | 163.83 | ng | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 203748 | 92.42 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 14513 | 73.16 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.76 | 330 | 30888 | 834.02 | ng | 0.11 |
| 44) 2-Fluorobiphenyl | 9.27 | 172 | 203149 | 749.32 | ng | 0.09 |
| 78) Terphenyl-d14 | 12.97 | 244 | 298728 | 47.34 | ng | 0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.21 | 42 | 2554 | 2.608 | ng | # 1 |
| 6) Aniline | 6.49 | 93 | 6911 | 2.323 | ng | # 1 |
| 9) Benzaldehyde | 6.35 | 77 | 11919 | 9.320 | ng | # 49 |
| 10) Phenol | 6.49 | 94 | 15195 | 6.163 | ng | # 1 |
| 15) Benzyl Alcohol | 6.99 | 79 | 10043 | 6.209 | ng | # 54 |
| 18) Hexachloroethane | 7.32 | 117 | 31683 | 40.874 | ng | # 1 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 28217 | 20.046 | ng | # 70 |
| 20) 3+4-Methylphenols | 7.29 | 107 | 13322 | 6.359 | ng | # 1 |
| 22) Acetophenone | 7.22 | 105 | 241859 | 784.666 | ng | # 49 |
| 24) Nitrobenzene | 7.36 | 77 | 75772 | 336.713 | ng | # 11 |
| 25) Isophorone | 7.65 | 82 | 72359 | 176.422 | ng | # 1 |
| 26) 2-Nitrophenol | 7.69 | 139 | 7337 | 67.801 | ng | # 1 |
| 27) 2,4-Dimethylphenol | 7.70 | 122 | 2534 | 12.400 | ng | # 1 |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93 | 10277 | 40.208 | ng | # 1 |
| 29) 2,4-Dichlorophenol | 7.97 | 162 | 26316 | 149.982 | ng | # 1 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 1578 | 8.992 | ng | # 76 |
| 31) Naphthalene | 8.17 | 128 | 315534 | 528.087 | ng | # 1 |
| 32) Benzoic acid | 7.95 | 122 | 11766 | 70.090 | ng | # 1 |
| 33) 4-Chloroaniline | 8.16 | 127 | 99547 | 398.958 | ng | # 1 |
| 35) Caprolactam | 8.62 | 113 | 235567 | 4185.388 | ng | # 1 |
| 36) 4-Chloro-3-methylphenol | 8.61 | 107 | 9076 | 46.021 | ng | # 39 |
| 37) 2-Methylnaphthalene | 9.02 | 142 | 305642 | 786.871 | ng | # 12 |
| 42) 2,4,6-Trichlorophenol | 9.16 | 196 | 2126 | 22.233 | ng | # 13 |
| 43) 2,4,5-Trichlorophenol | 9.16 | 196 | 2126 | 22.272 | ng | # 1 |
| 45) 1,1'-Biphenyl | 9.37 | 154 | 93516 | 240.412 | ng | 69 |
| 46) 2-Chloronaphthalene | 9.27 | 162 | 3437 | 11.768 | ng | # 1 |
| 47) 2-Nitroaniline | 9.39 | 65 | 5350 | 59.825 | ng | # 46 |
| 48) Acenaphthylene | 9.76 | 152 | 65631 | 146.796 | ng | # 1 |
| 49) Dimethylphthalate | 9.47 | 163 | 7394 | 21.645 | ng | # 1 |
| 50) 2,6-Dinitrotoluene | 9.46 | 165 | 19777 | 265.934 | ng | # 87 |
| 51) Acenaphthene | 9.81 | 154 | 3655 | 12.906 | ng | # 15 |
| 52) 3-Nitroaniline | 9.74 | 138 | 2431 | 28.035 | ng | # 53 |
| 53) 2,4-Dinitrophenol | 9.90 | 184 | 898 | 27.331 | ng | # 1 |
| 54) Dibenzofuran | 10.00 | 168 | 83235 | 220.735 | ng | # 56 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 22 00:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 55) 4-Nitrophenol | 9.99 | 139 | 59706 | 814.297 | ng | # | 5 |
| 56) 2,4-Dinitrotoluene | 10.00 | 165 | 13547 | 140.360 | ng | # | 70 |
| 57) Fluorene | 10.38 | 166 | 25985 | 85.736 | ng | # | 1 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 979 | 14.847 | ng | # | 32 |
| 59) Diethylphthalate | 10.20 | 149 | 3979 | 11.921 | ng | # | 1 |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204 | 32005 | 235.080 | ng | # | 1 |
| 61) 4-Nitroaniline | 10.36 | 138 | 4768 | 56.994 | ng | # | 52 |
| 62) Azobenzene | 10.63 | 77 | 17879 | 58.255 | ng | # | 1 |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198 | 728 | 23.907 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 10.46 | 169 | 22372 | 129.028 | ng | # | 32 |
| 66) 4-Bromophenyl-phenylether | 10.77 | 248 | 1300 | 26.536 | ng | # | 1 |
| 68) Atrazine | 10.93 | 200 | 4050 | 77.635 | ng | # | 1 |
| 69) Pentachlorophenol | 11.07 | 266 | 4703 | 144.421 | ng | # | 33 |
| 70) Phenanthrene | 11.35 | 178 | 33204 | 123.940 | ng | # | 1 |
| 71) Anthracene | 11.35 | 178 | 33204 | 121.131 | ng | # | 1 |
| 72) Carbazole | 11.49 | 167 | 79178 | 294.962 | ng | # | 23 |
| 73) Di-n-butylphthalate | 11.82 | 149 | 18719 | 57.935 | ng | # | 1 |
| 74) Fluoranthene | 12.63 | 202 | 56255 | 207.367 | ng | | 69 |
| 77) Pyrene | 12.80 | 202 | 51840 | 4.737 | ng | # | 20 |
| 80) Benzo(a)anthracene | 14.00 | 228 | 17672 | 2.034 | ng | # | 1 |
| 82) Chrysene | 14.03 | 228 | 51403 | 6.213 | ng | # | 66 |

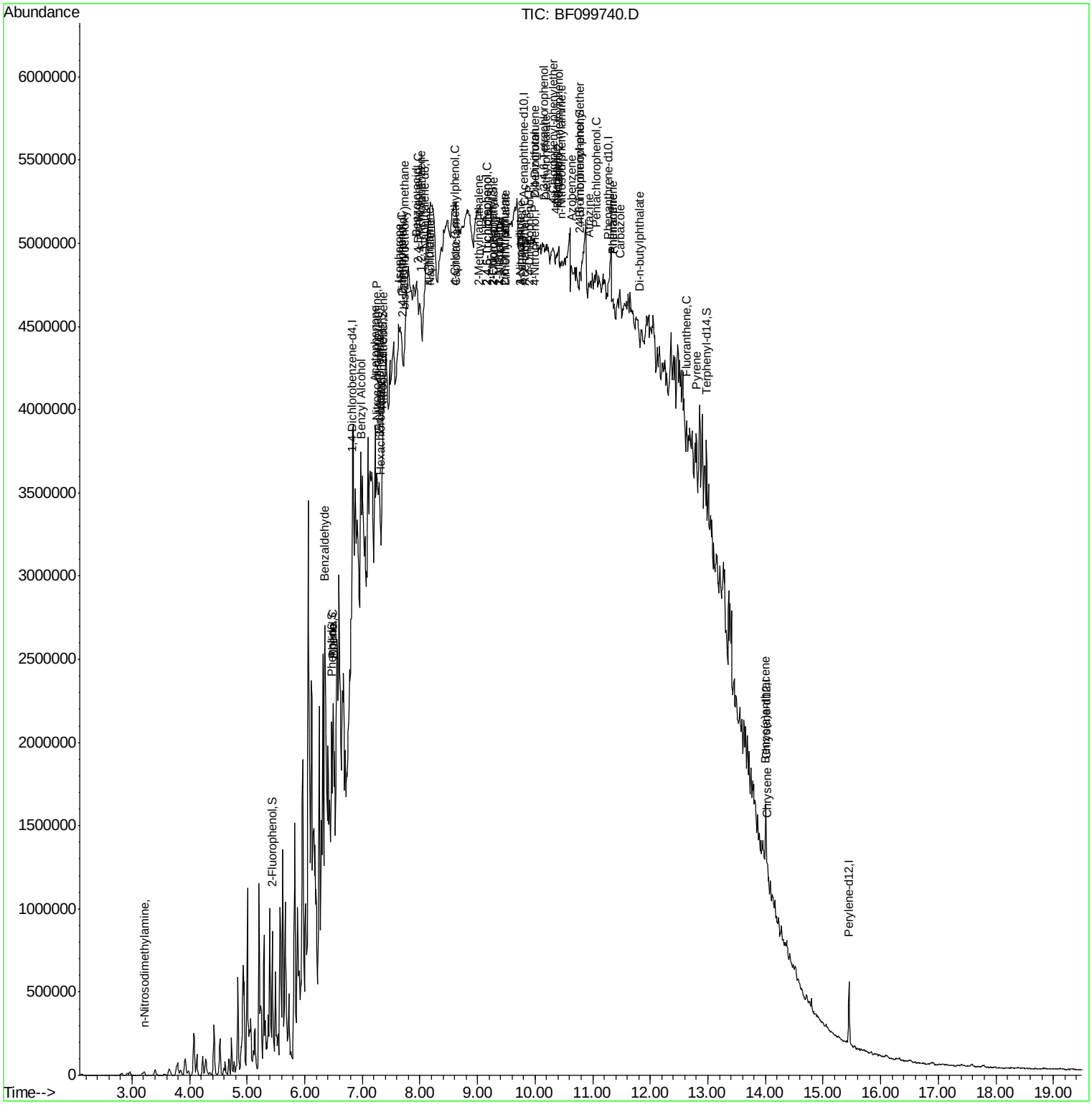
(#) = qualifier out of range (m) = manual integration (+) = signals summed

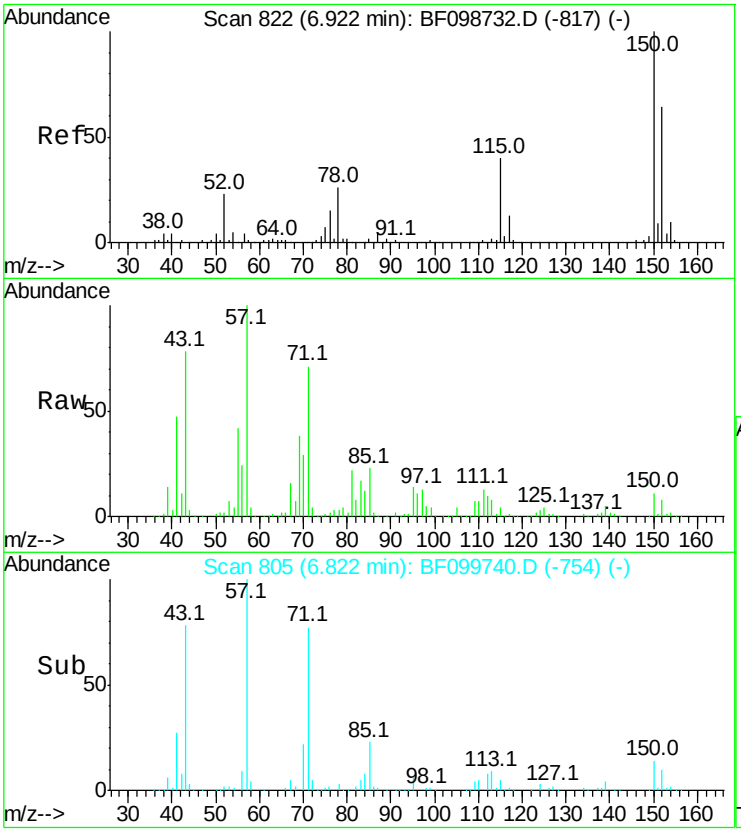
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 22 00:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration



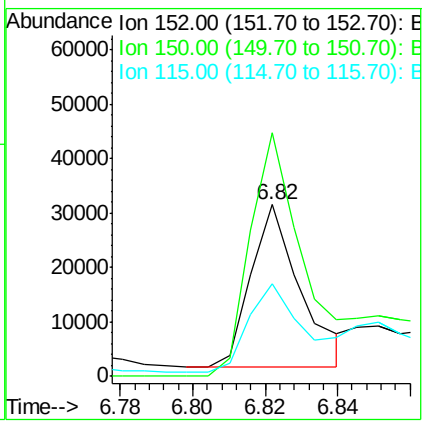


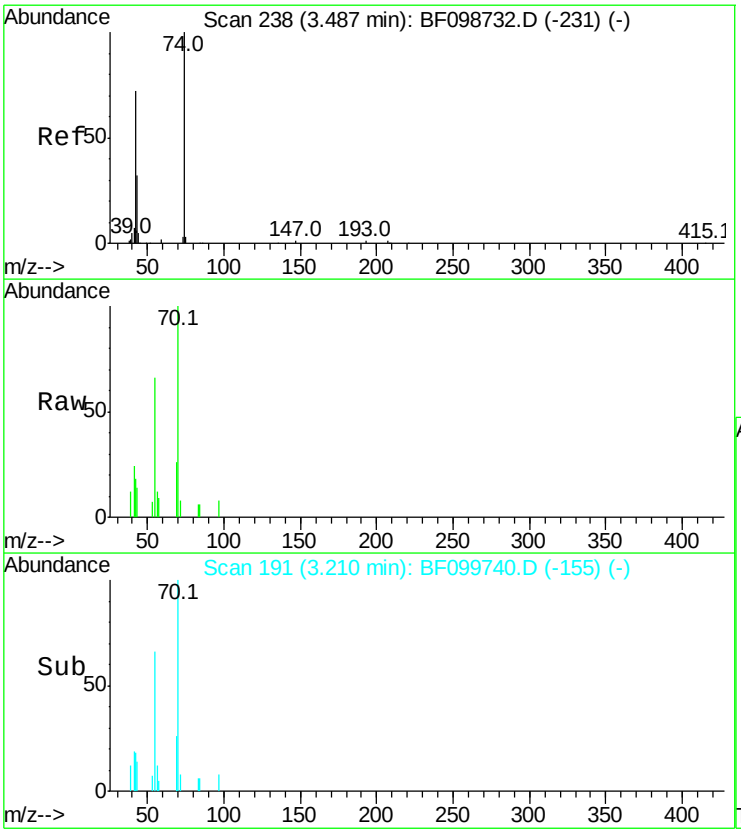

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:152 Resp: 28450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 142.0 | 124.6 | 186.8 |
| 115 | 54.0 | 50.1 | 75.1 |

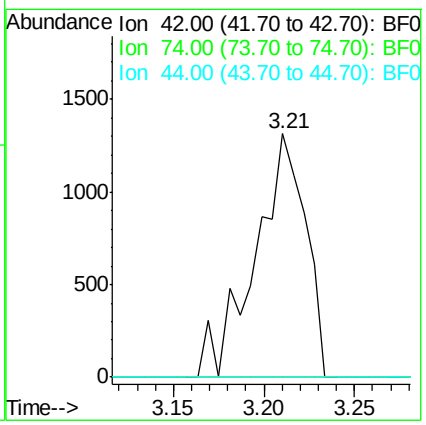


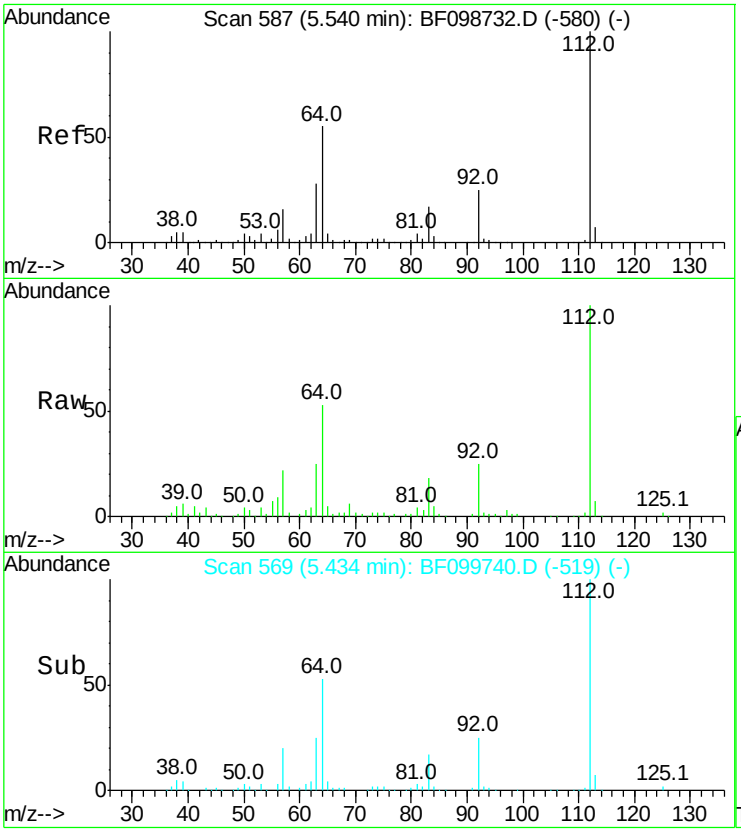




#4
n-Nitrosodimethylamine
Concen: 2.608 ng
RT: 3.21 min Scan# 191
Delta R.T. -0.09 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 42 Resp: 2554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 104.9 | 157.3# |
| 44 | 0.0 | 6.9 | 10.3# |



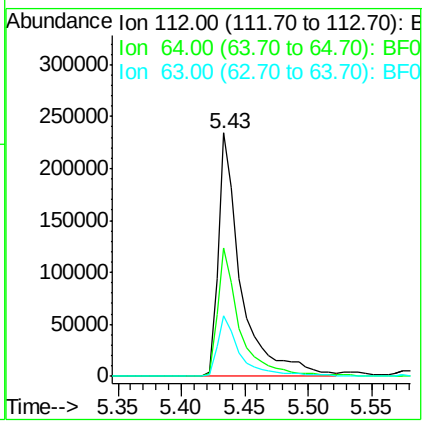


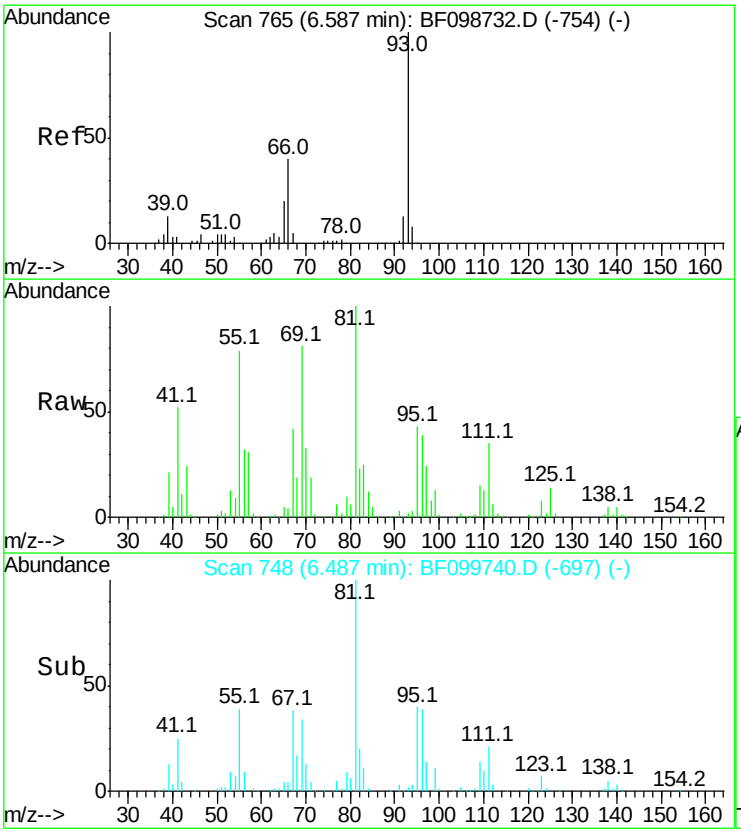

#5
2-Fluorophenol
Concen: 163.827 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:112 Resp: 292787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.8 | 47.9 | 71.9 |
| 63 | 25.0 | 23.7 | 35.5 |

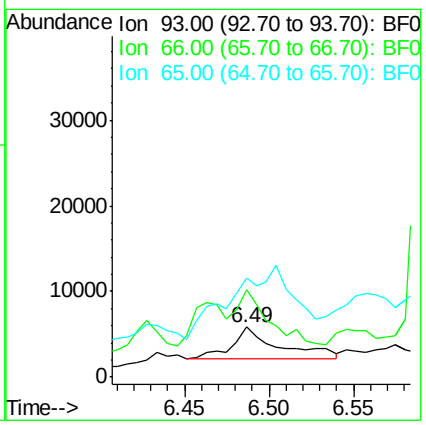


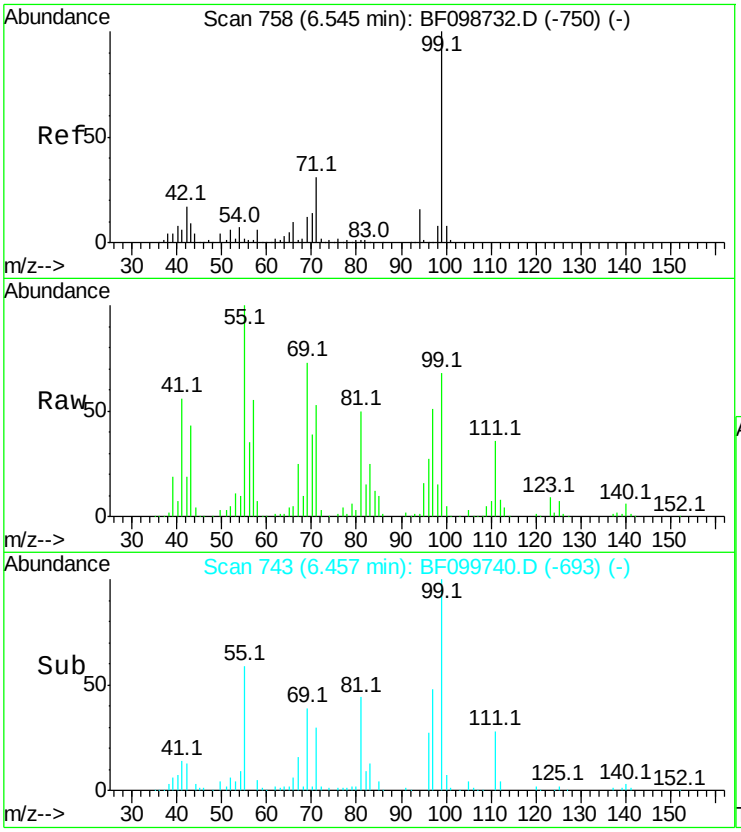




#6
Aniline
Concen: 2.323 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 93 Resp: 6911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 173.9 | 32.2 | 48.2# |
| 65 | 196.6 | 16.4 | 24.6# |



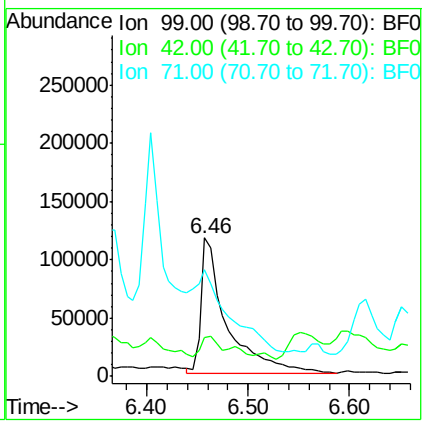


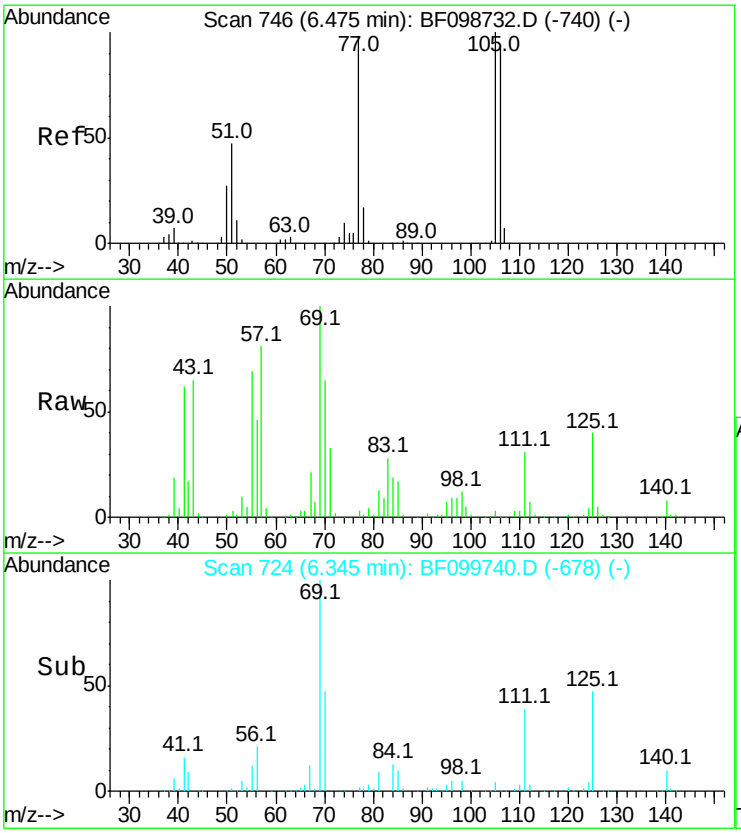

#7
Phenol-d6
Concen: 92.416 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion: 99 Resp: 203748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 28.5 | 14.5 | 21.7# |
| 71 | 77.7 | 25.4 | 38.0# |

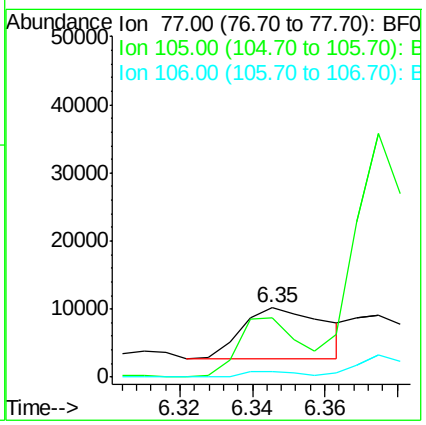


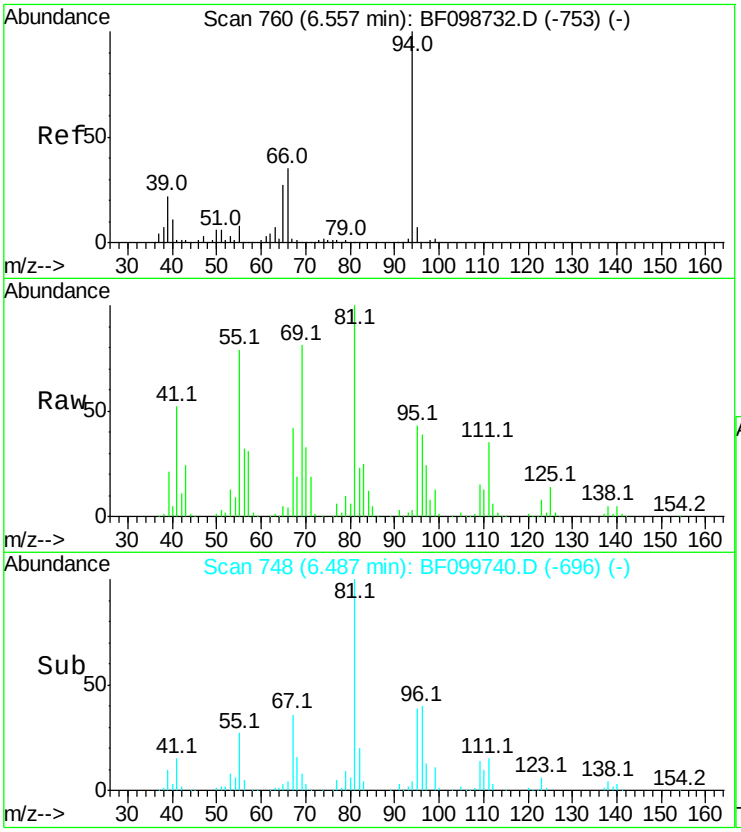




#9
Benzaldehyde
Concen: 9.320 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 77 Resp: 11919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 85.2 | 81.1 | 121.1 |
| 106 | 8.4 | 74.5 | 114.5# |



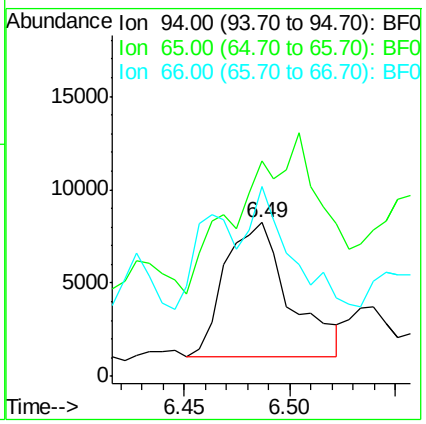


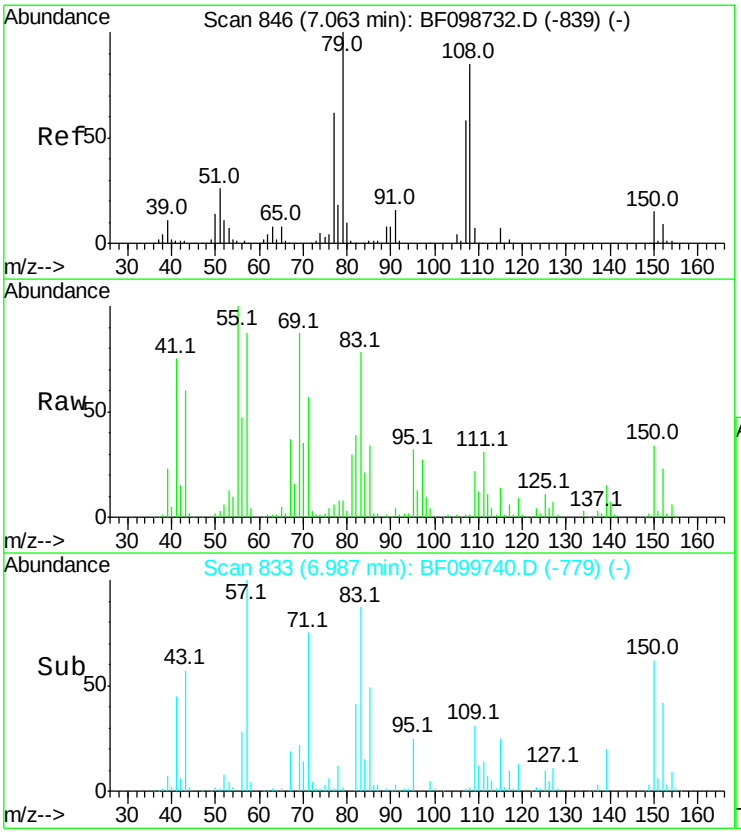

#10
Phenol
Concen: 6.163 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion: 94 Resp: 15195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 139.7 | 7.9 | 47.9# |
| 66 | 123.7 | 16.2 | 56.2# |

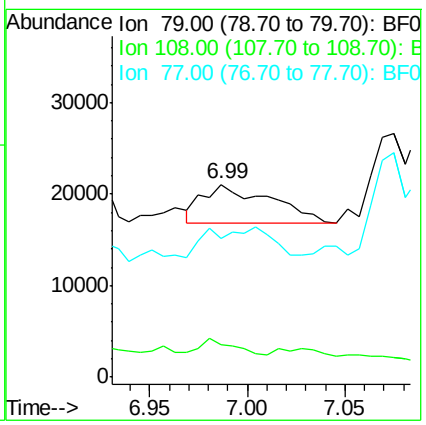


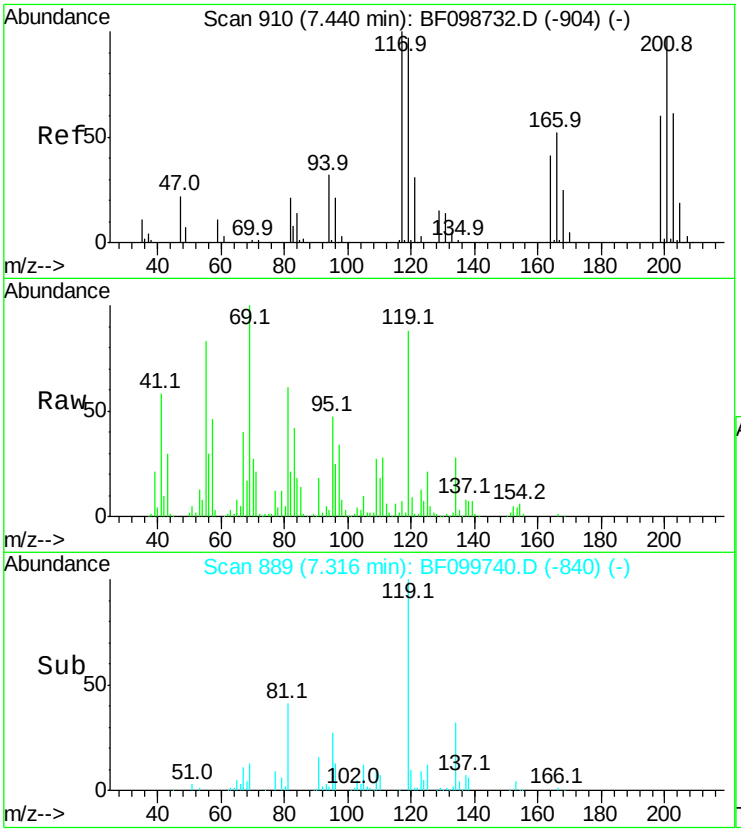




#15
Benzyl Alcohol
Concen: 6.209 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 79 Resp: 10043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 17.0 | 65.1 | 97.7# |
| 77 | 72.1 | 50.6 | 75.8 |



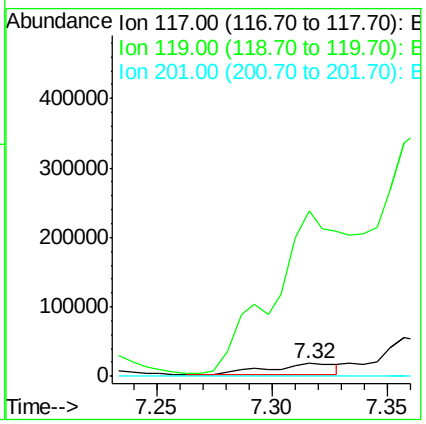


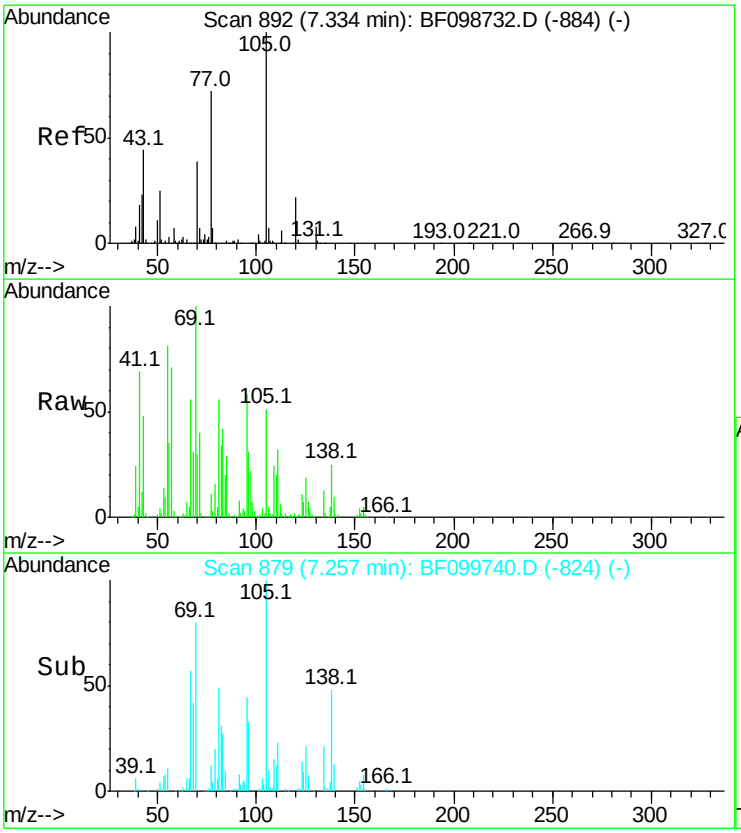

#18
Hexachloroethane
Concen: 40.874 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:117 Resp: 31683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 1262.8 | 75.8 | 113.8# |
| 201 | 0.0 | 75.7 | 113.5# |

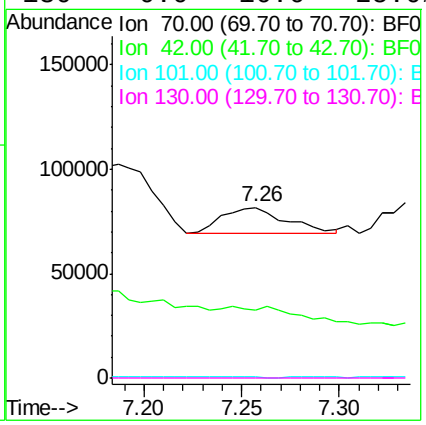


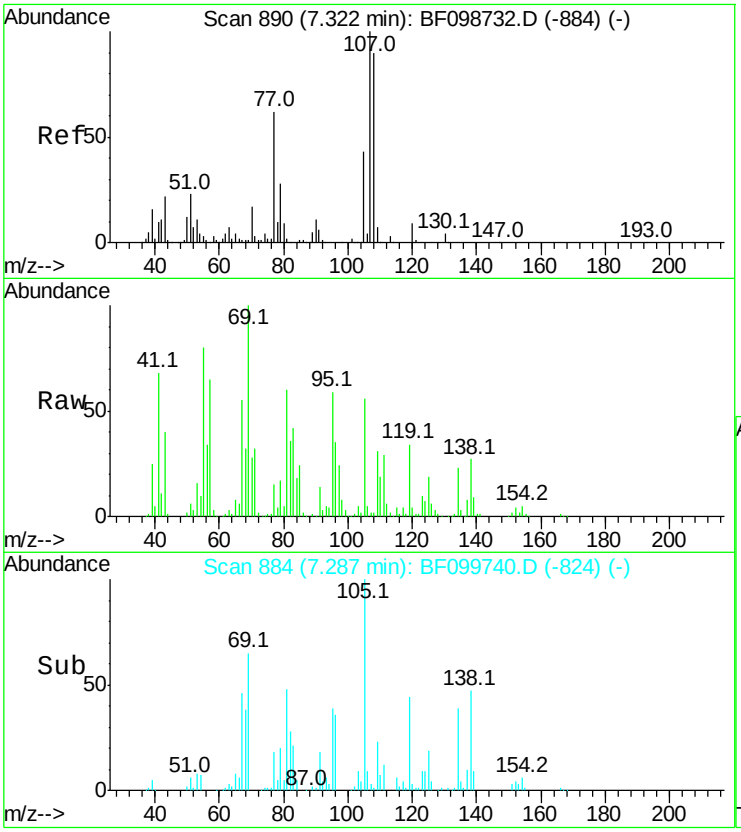




#19
n-Nitroso-di-n-propylamine
Concen: 20.046 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 70 Resp: 28217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 39.6 | 47.5 | 71.3# |
| 101 | 0.4 | 7.4 | 11.2# |
| 130 | 0.0 | 16.6 | 25.0# |



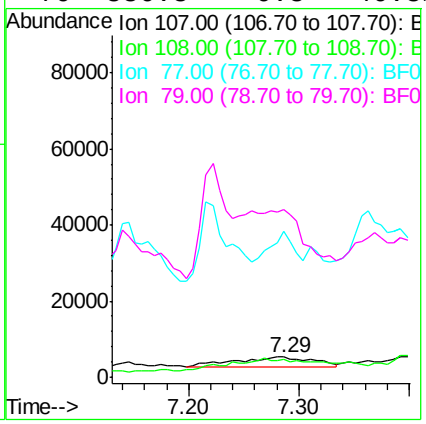


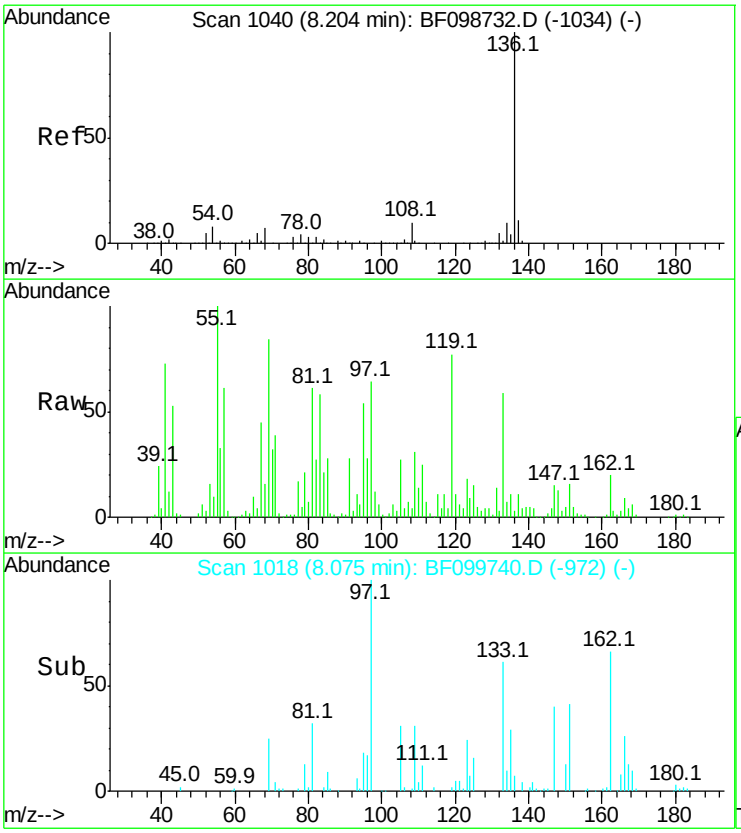

#20
3+4-Methylphenols
Concen: 6.359 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:107 Resp: 13322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.7 | 68.2 | 108.2 |
| 77 | 723.4 | 26.7 | 66.7# |
| 79 | 836.3 | 6.3 | 46.3# |

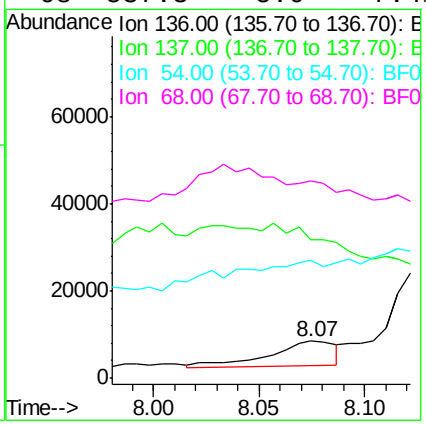


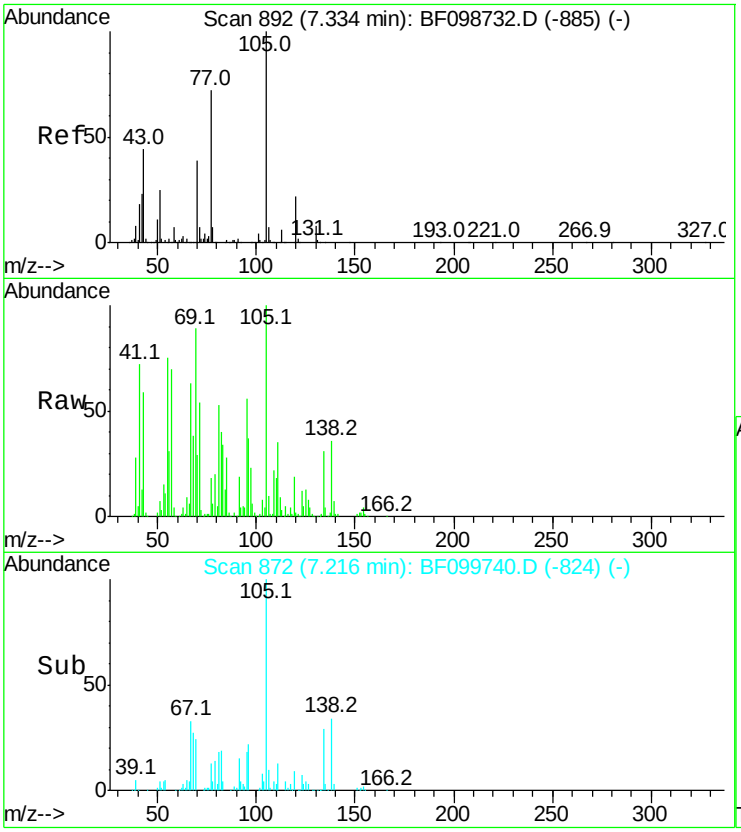




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:136 Resp: 12722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 376.9 | 8.9 | 13.3# |
| 54 | 320.1 | 6.6 | 9.8# |
| 68 | 537.3 | 5.0 | 7.4# |



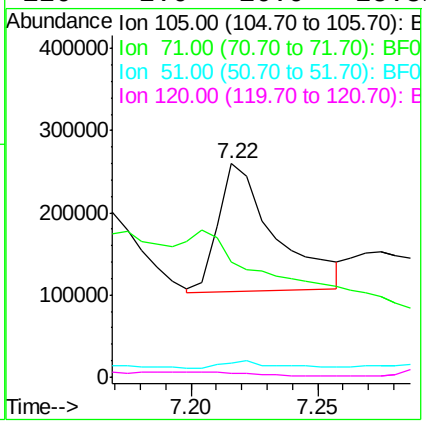


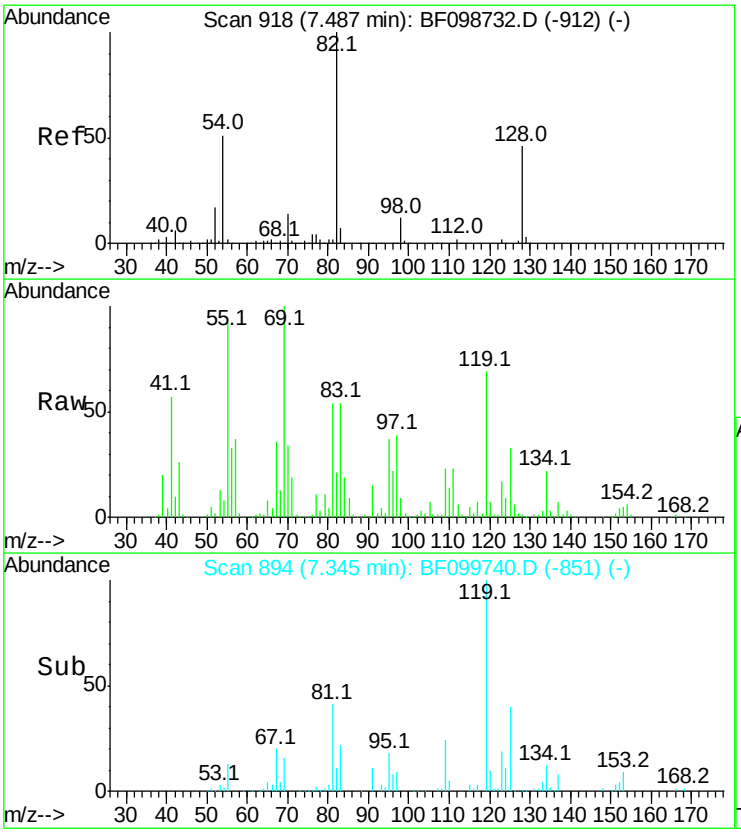

#22
Acetophenone
Concen: 784.666 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:105 Resp: 241859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 54.0 | 4.4 | 6.6# |
| 51 | 6.7 | 22.3 | 33.5# |
| 120 | 2.0 | 16.9 | 25.3# |

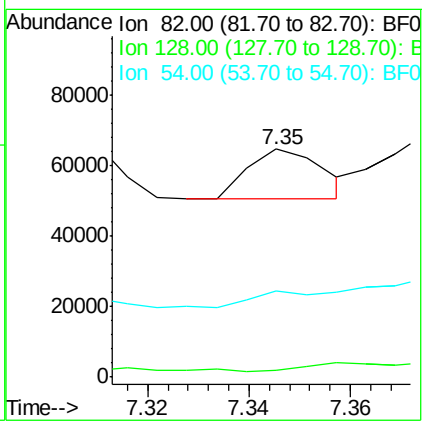


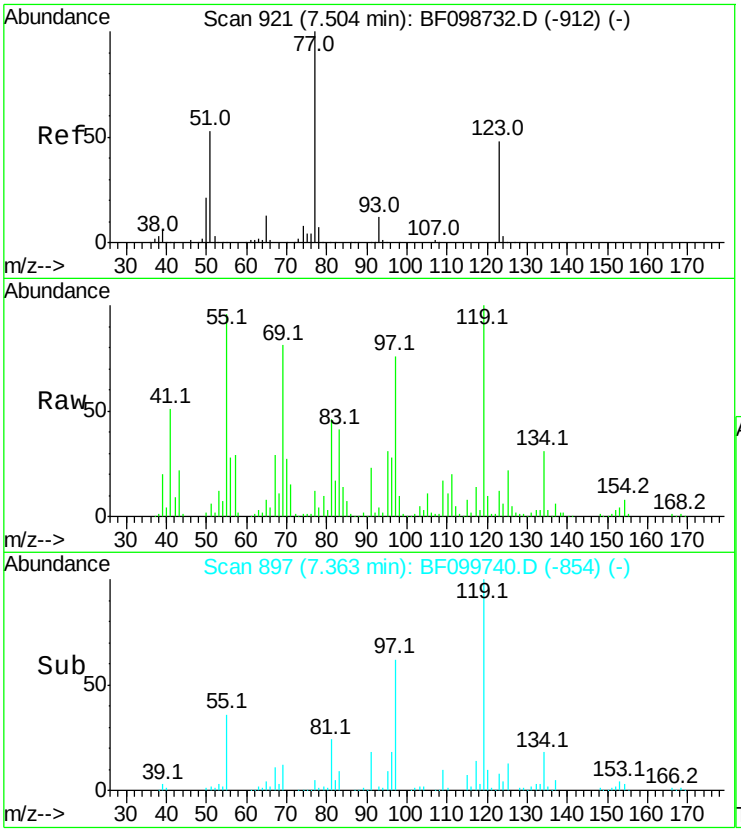




#23
Nitrobenzene-d5
Concen: 73.158 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 82 Resp: 14513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 3.1 | 36.1 | 54.1# |
| 54 | 38.0 | 41.4 | 62.2# |



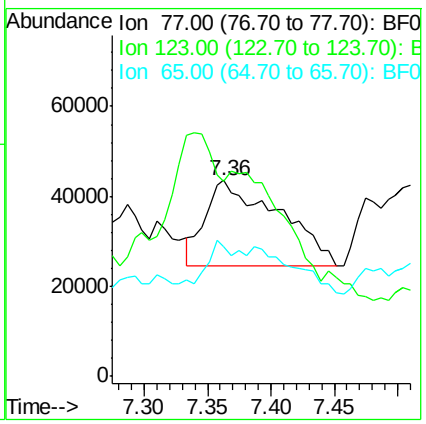


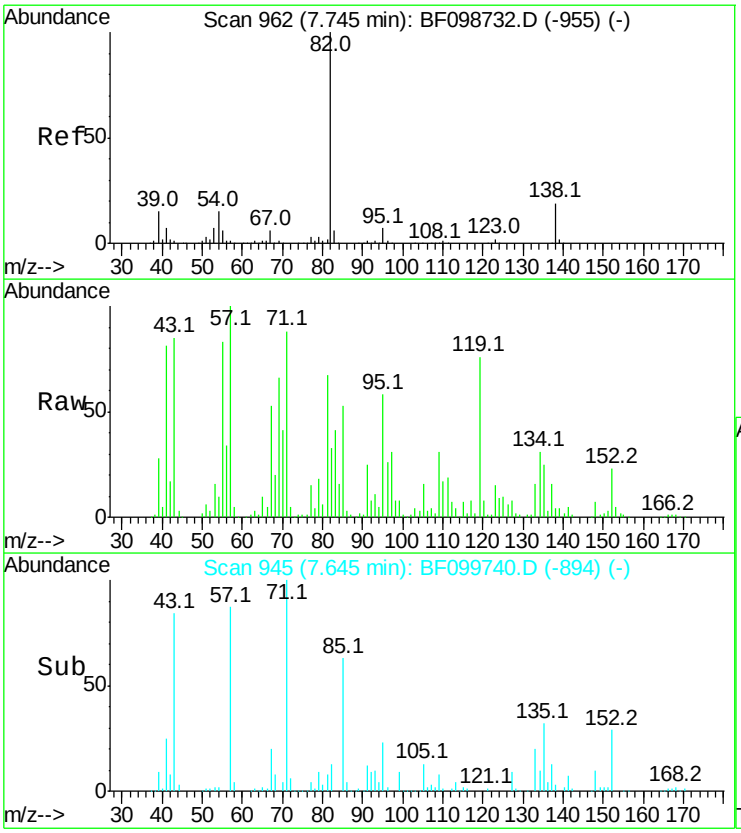

#24
Nitrobenzene
Concen: 336.713 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion: 77 Resp: 75772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 99.3 | 37.9 | 56.9# |
| 65 | 66.1 | 11.0 | 16.4# |

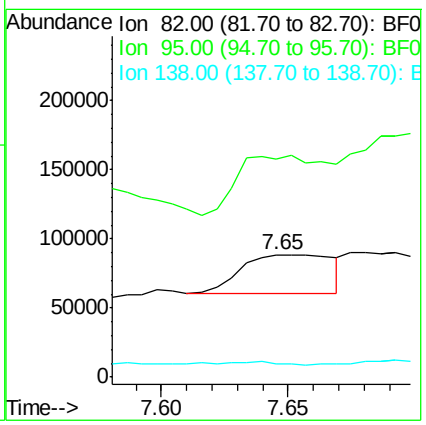


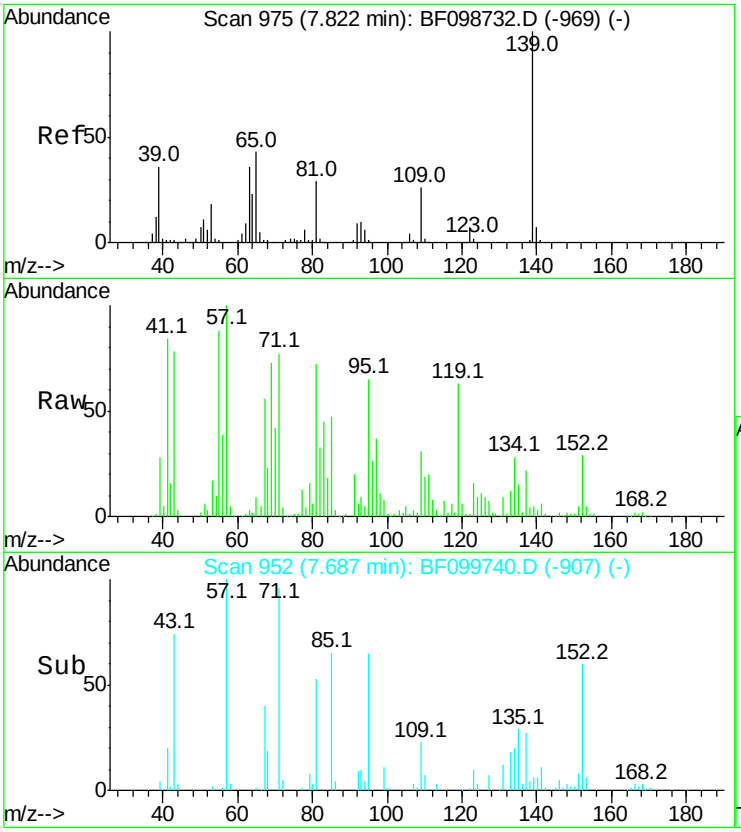




#25
Isophorone
Concen: 176.422 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 82 Resp: 72359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 177.5 | 5.2 | 7.8# |
| 138 | 10.9 | 14.9 | 22.3# |



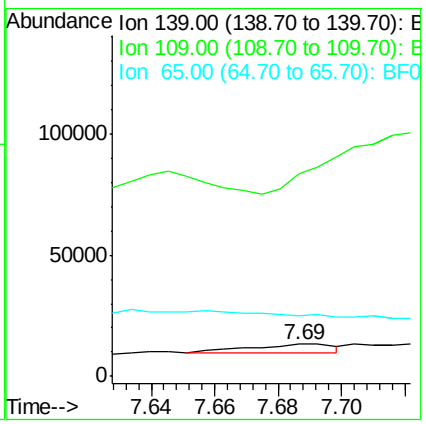


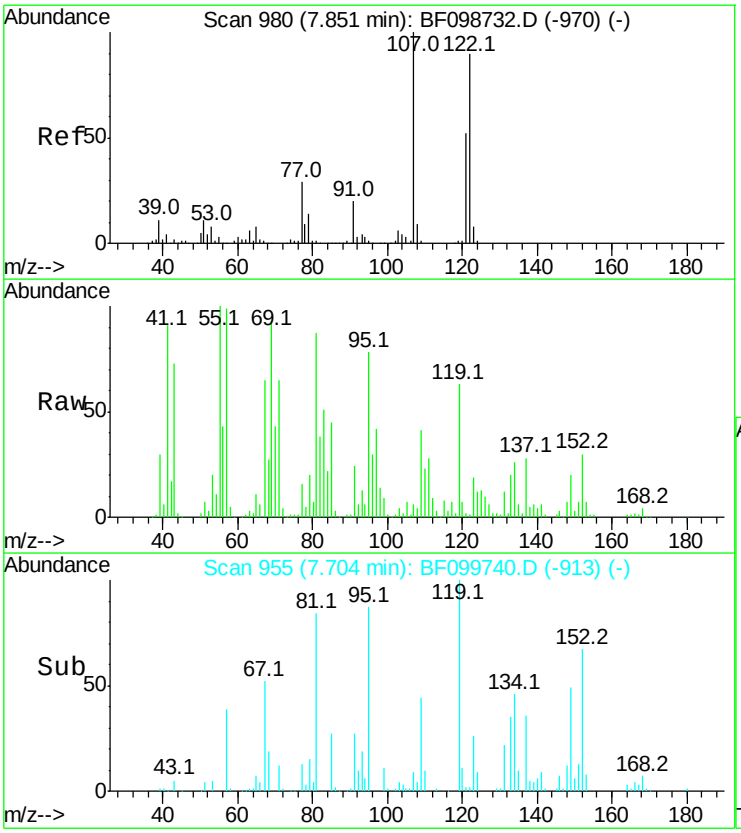

#26
2-Nitrophenol
Concen: 67.801 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.04 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:139 Resp: 7337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 628.8 | 22.7 | 34.1# |
| 65 | 189.1 | 40.5 | 60.7# |

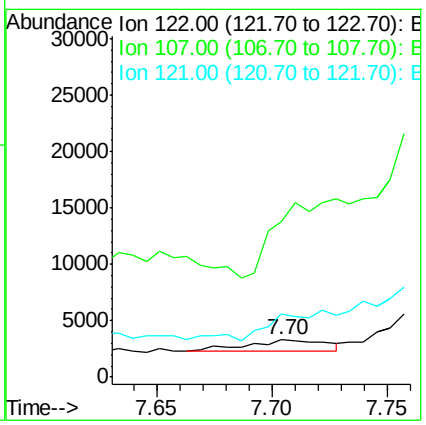


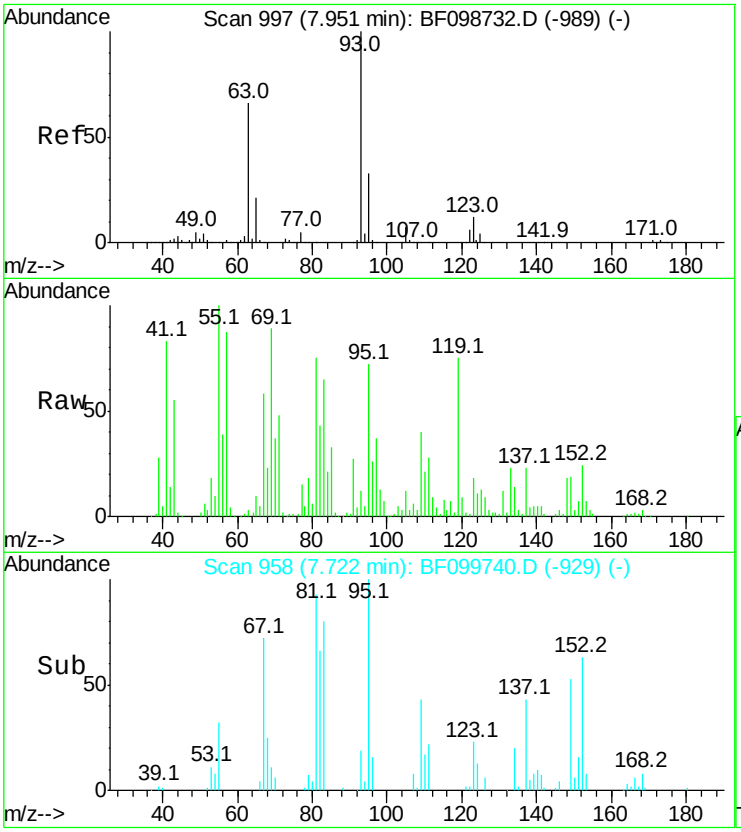




#27
2,4-Dimethylphenol
Concen: 12.400 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:122 Resp: 2534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 417.7 | 91.2 | 136.8# |
| 121 | 168.0 | 47.2 | 70.8# |



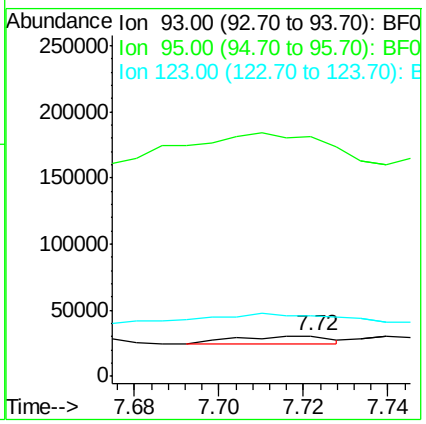


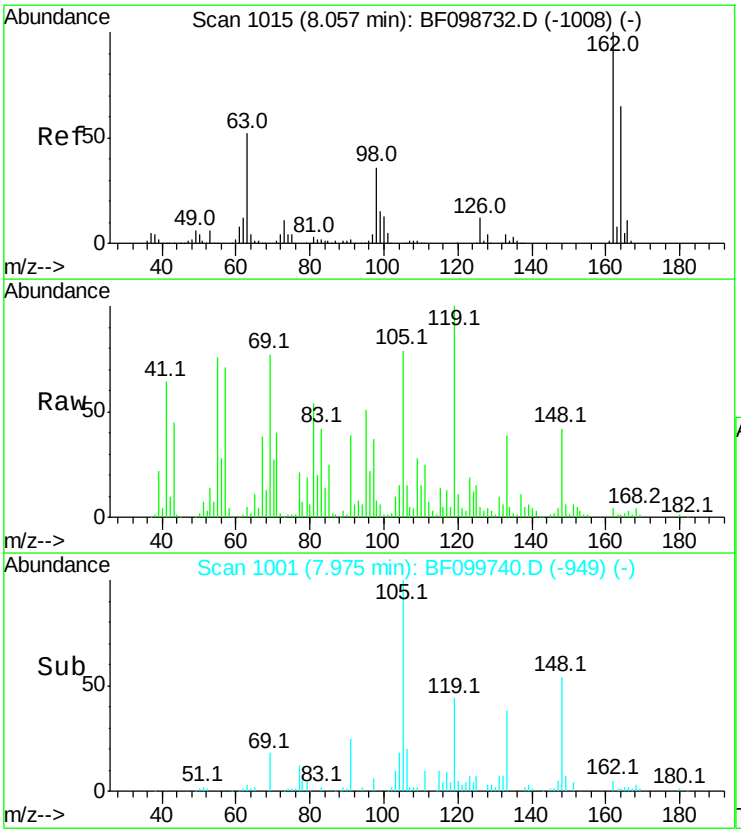

#28
bis(2-Chloroethoxy)methane
Concen: 40.208 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.13 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion: 93 Resp: 10277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 597.6 | 26.3 | 39.5# |
| 123 | 150.8 | 9.8 | 14.6# |

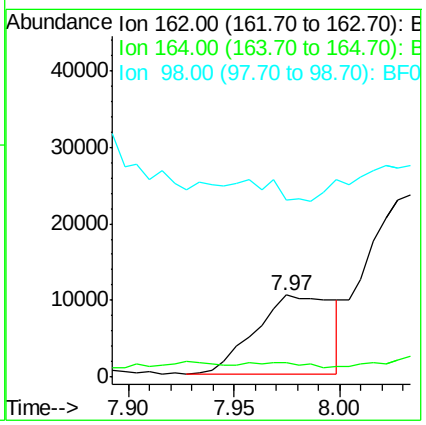


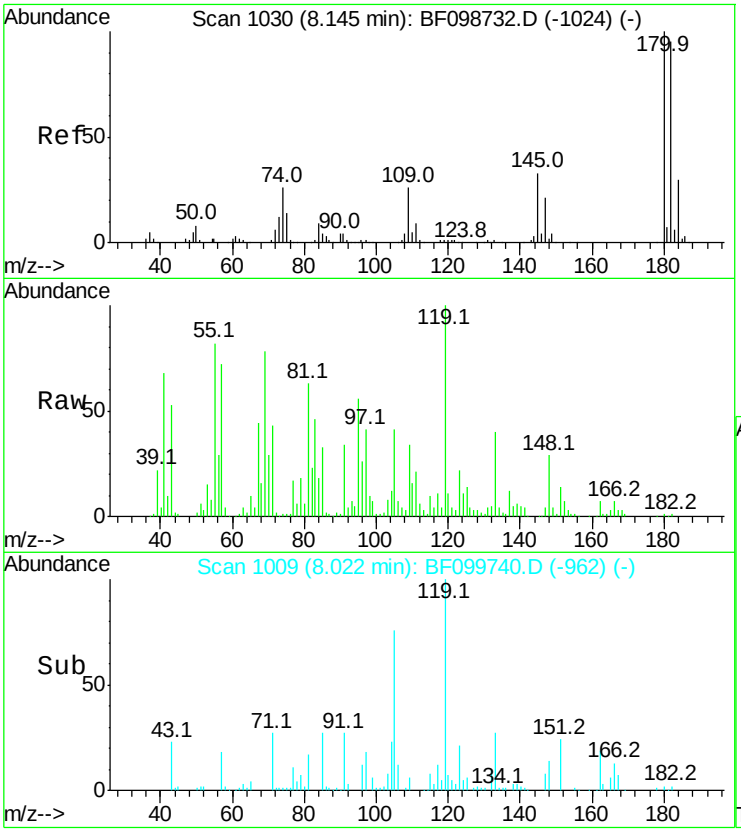




#29
2,4-Dichlorophenol
Concen: 149.982 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:162 Resp: 26316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 17.7 | 42.7 | 82.7# |
| 98 | 215.3 | 18.1 | 58.1# |



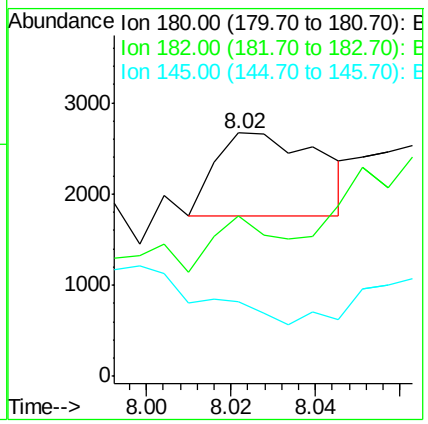


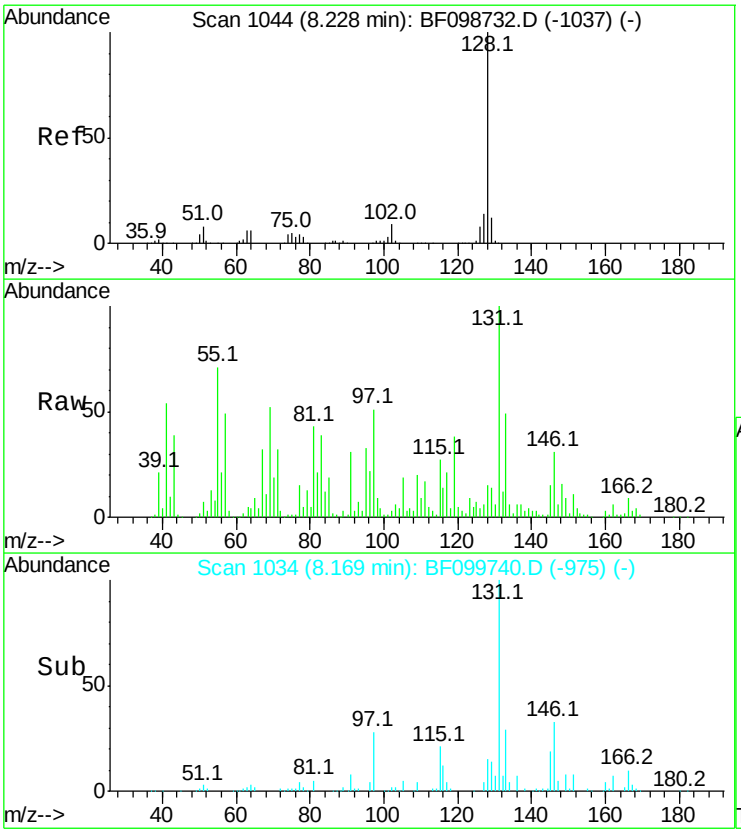

#30
1,2,4-Trichlorobenzene
Concen: 8.992 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:180 Resp: 1578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 66.1 | 76.8 | 115.2# |
| 145 | 30.6 | 26.5 | 39.7 |

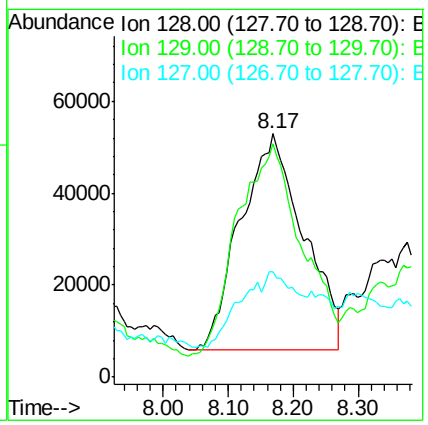


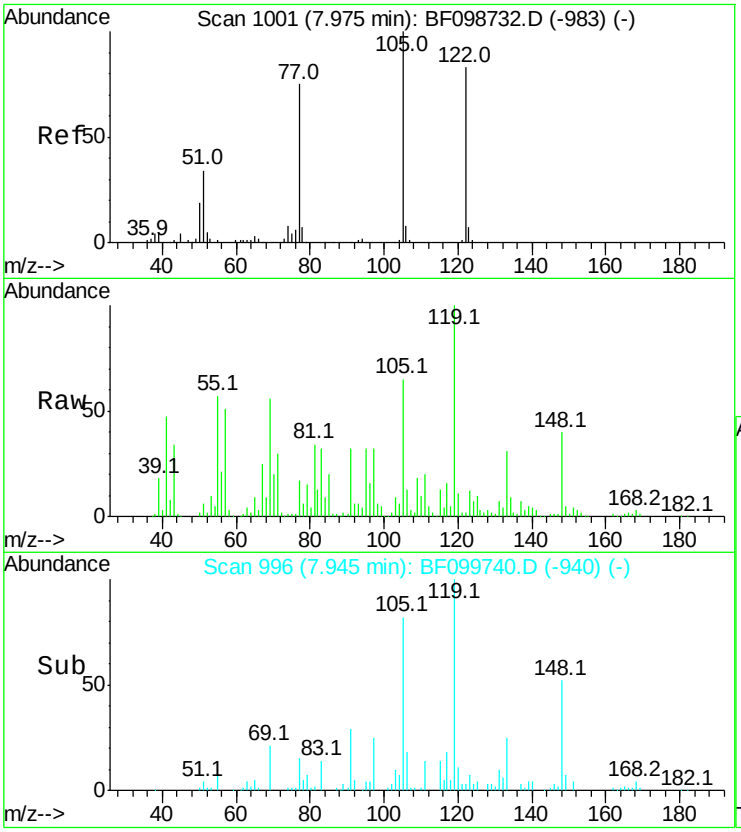




#31
Naphthalene
Concen: 528.087 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:128 Resp: 315534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 96.0 | 8.8 | 13.2# |
| 127 | 43.2 | 10.9 | 16.3# |



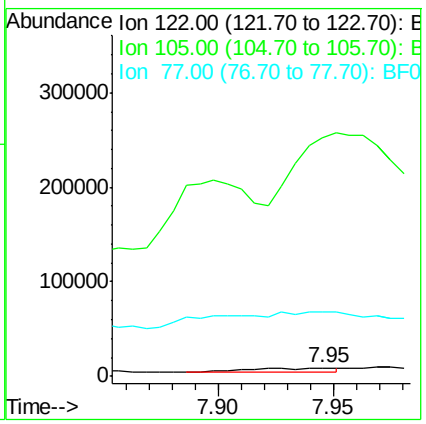


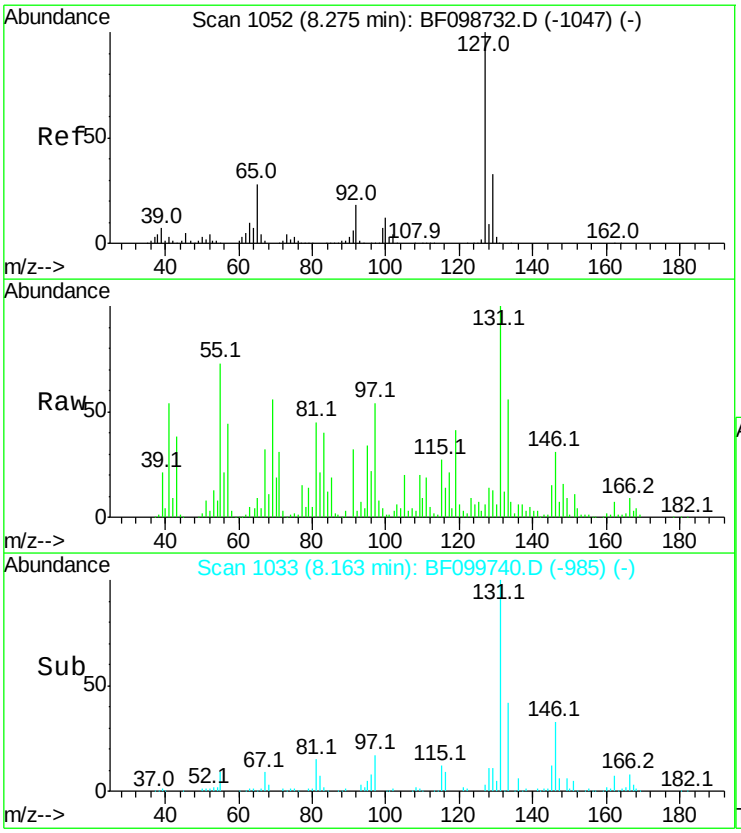

#32
Benzoic acid
Concen: 70.090 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:122 Resp: 11766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 2819.4 | 101.1 | 141.1# |
| 77 | 763.2 | 70.7 | 110.7# |

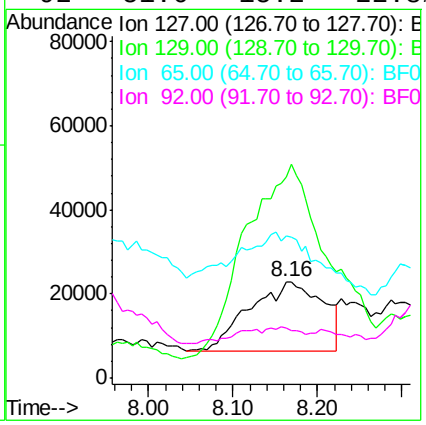


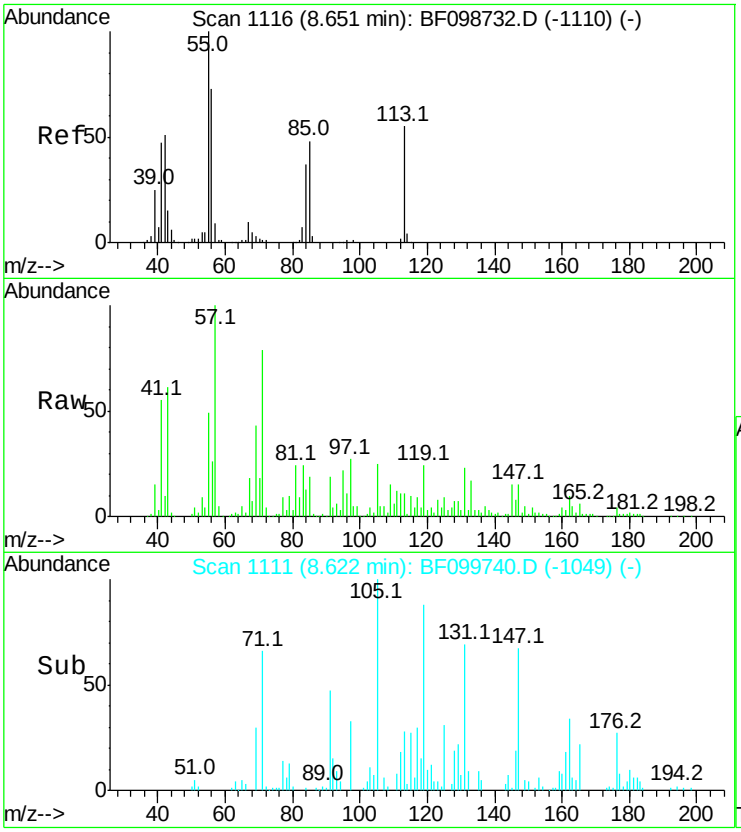




#33
4-Chloroaniline
Concen: 398.958 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:127 Resp: 99547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 208.9 | 25.9 | 38.9# |
| 65 | 146.9 | 25.0 | 37.4# |
| 92 | 51.6 | 15.2 | 22.8# |



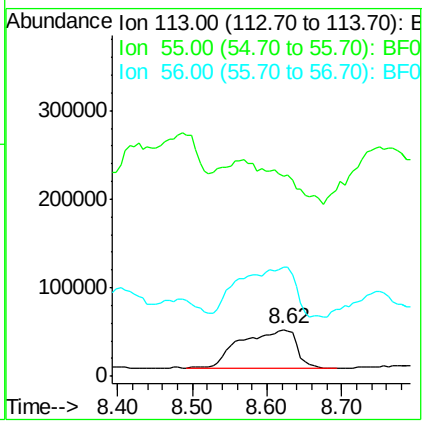


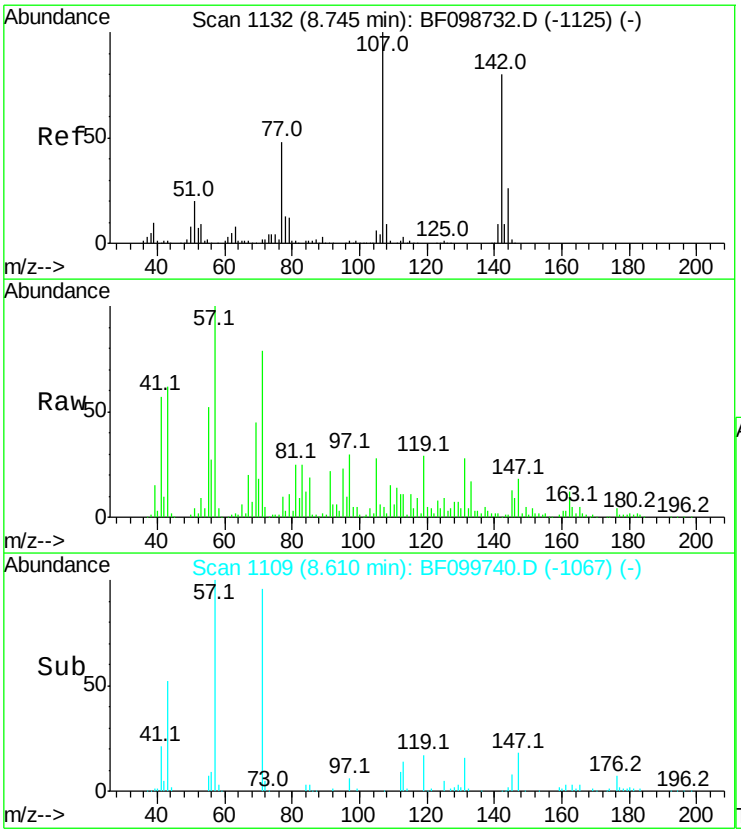

#35
Caprolactam
Concen: 4185.388 ng
RT: 8.62 min  Scan# 1111
Delta R.T.  0.06 min
Lab File:  BF099740.D
Acq: 21 Oct 2017  20:58

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

Tgt Ion:113 Resp:  235567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 430.4 | 163.3 | 203.3# |
| 56 | 233.4 | 115.7 | 155.7# |

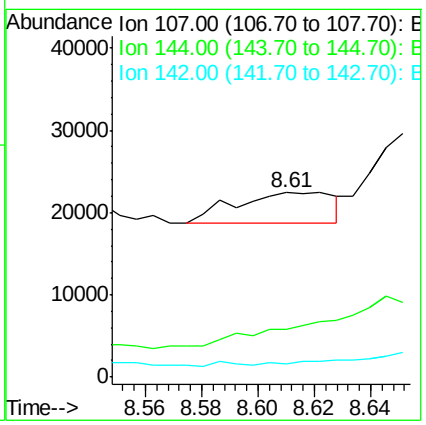


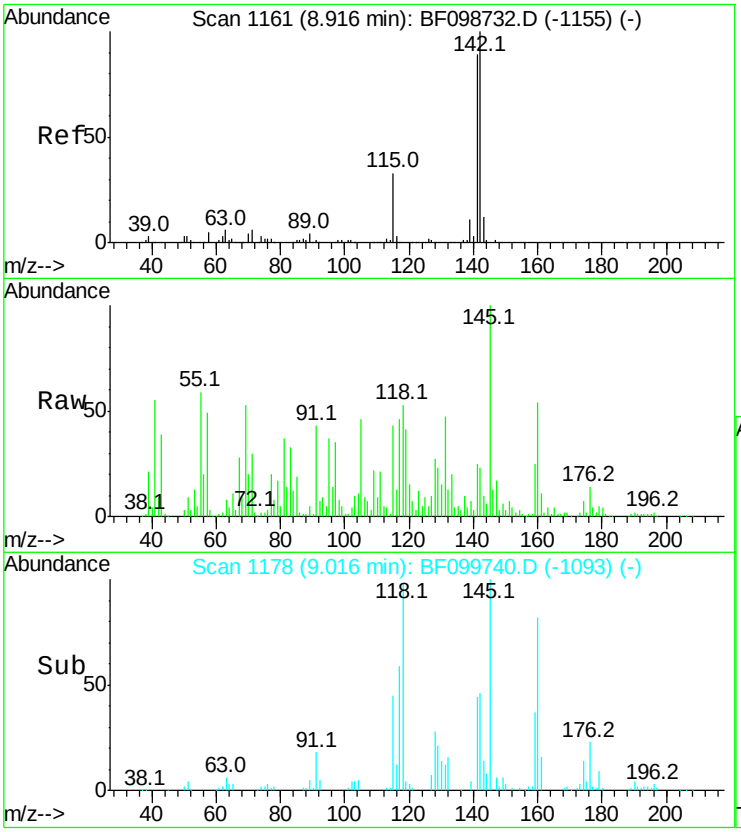




#36
4-Chloro-3-methylphenol
Concen:  46.021 ng
RT: 8.61 min  Scan# 1109
Delta R.T.  -0.05 min
Lab File:  BF099740.D
Acq: 21 Oct 2017  20:58

Tgt Ion:107 Resp:  9076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.7 | 20.5 | 30.7 |
| 142 | 7.4 | 62.0 | 93.0# |



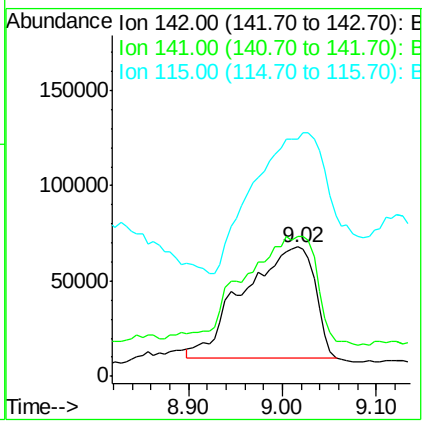


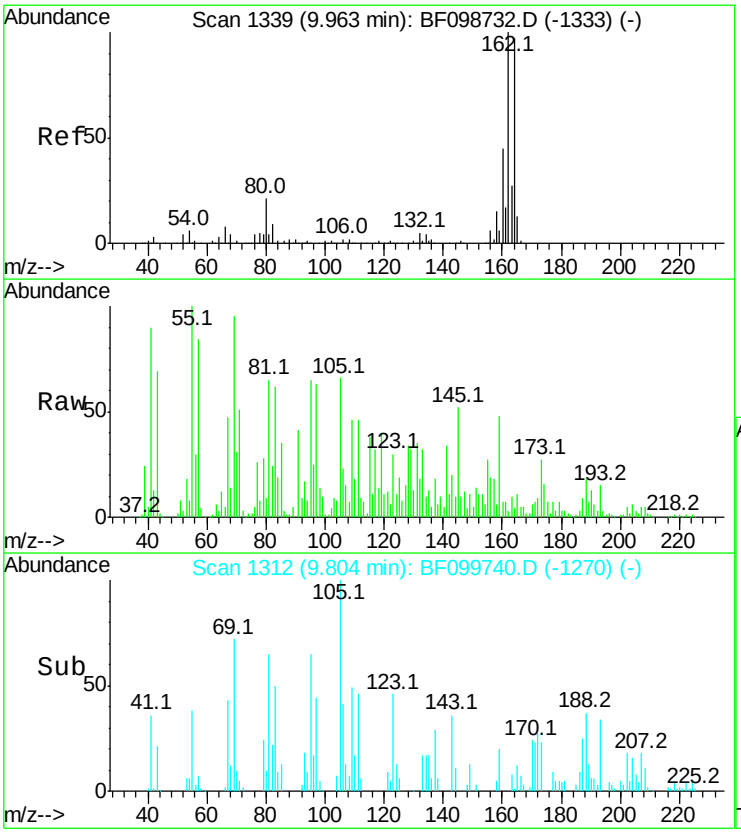

#37
2-Methylnaphthalene
Concen: 786.871 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.20 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:142 Resp: 305642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 108.1 | 70.8 | 106.2# |
| 115 | 183.4 | 26.1 | 39.1# |

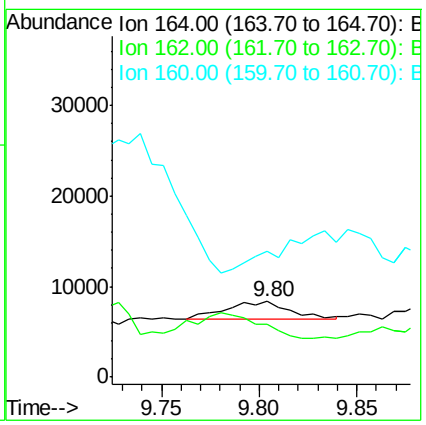


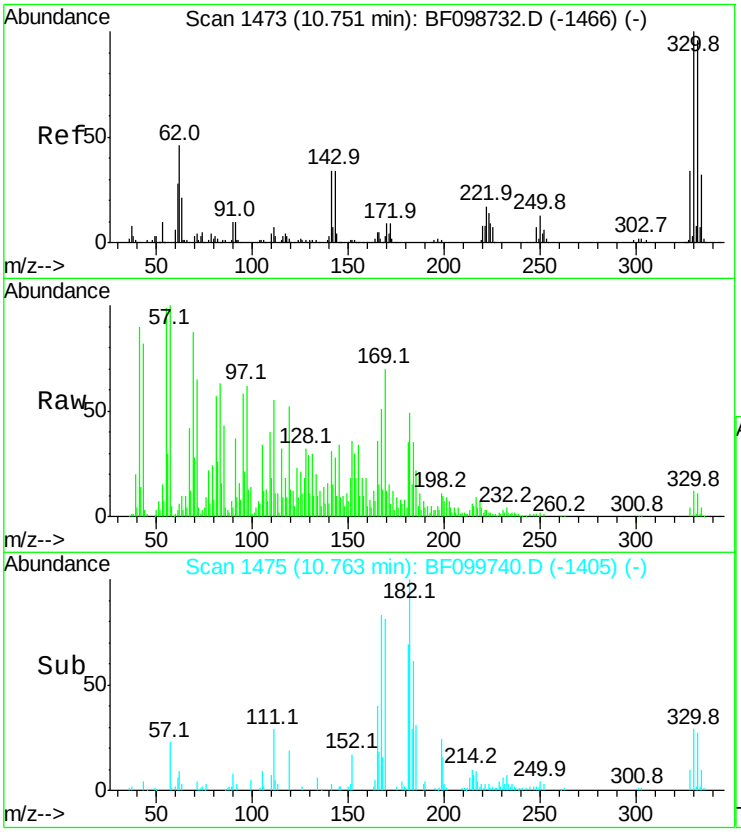




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:164 Resp: 4526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 69.4 | 86.1 | 129.1# |
| 160 | 167.5 | 38.3 | 57.5# |



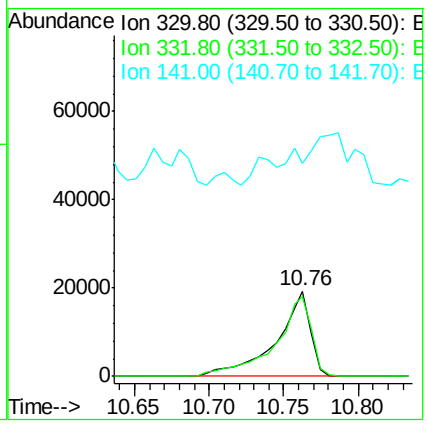


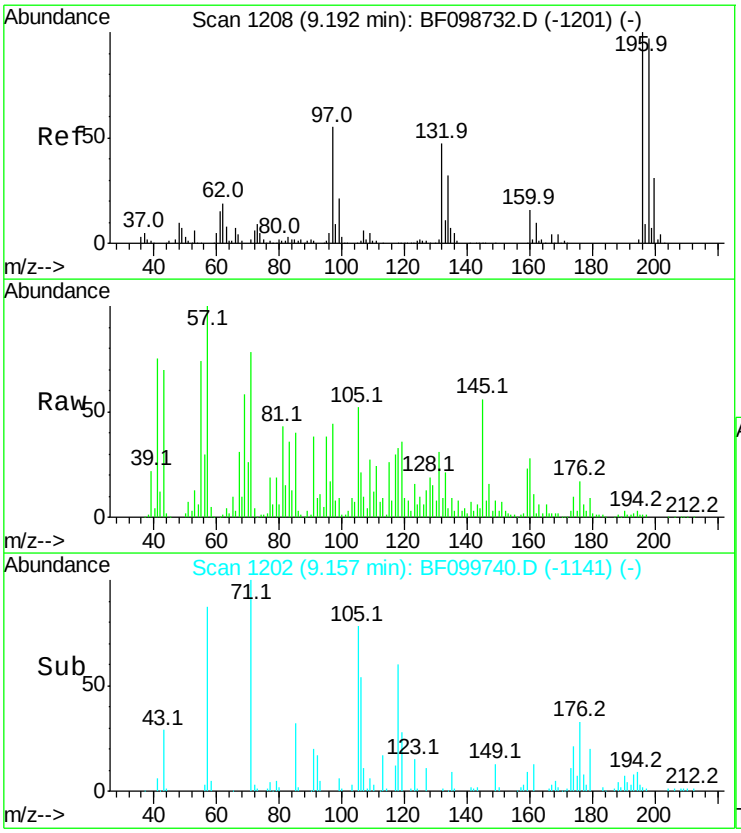

#41
2,4,6-Tribromophenol
Concen: 834.023 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.11 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:330 Resp: 30888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.4 | 77.0 | 115.6 |
| 141 | 0.0 | 29.9 | 44.9# |

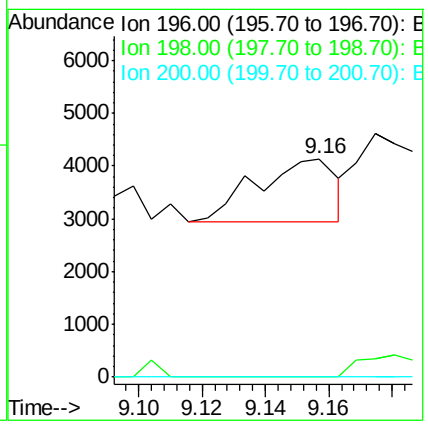


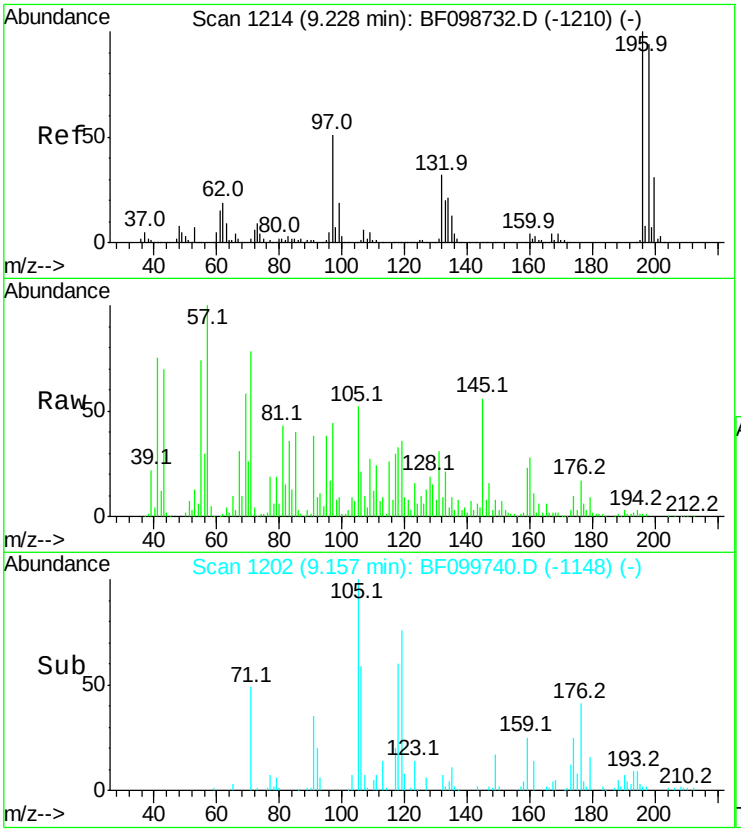




#42
2,4,6-Trichlorophenol
Concen: 22.233 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.06 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:196 Resp: 2126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 75.7 | 113.5# |
| 200 | 0.0 | 24.5 | 36.7# |



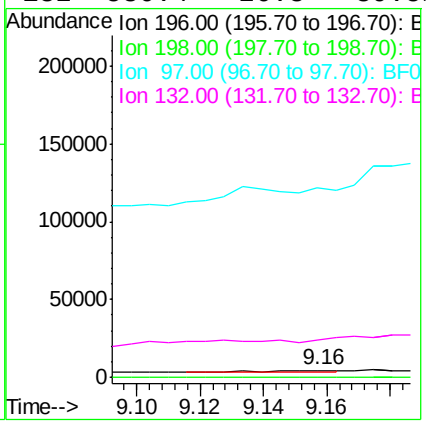


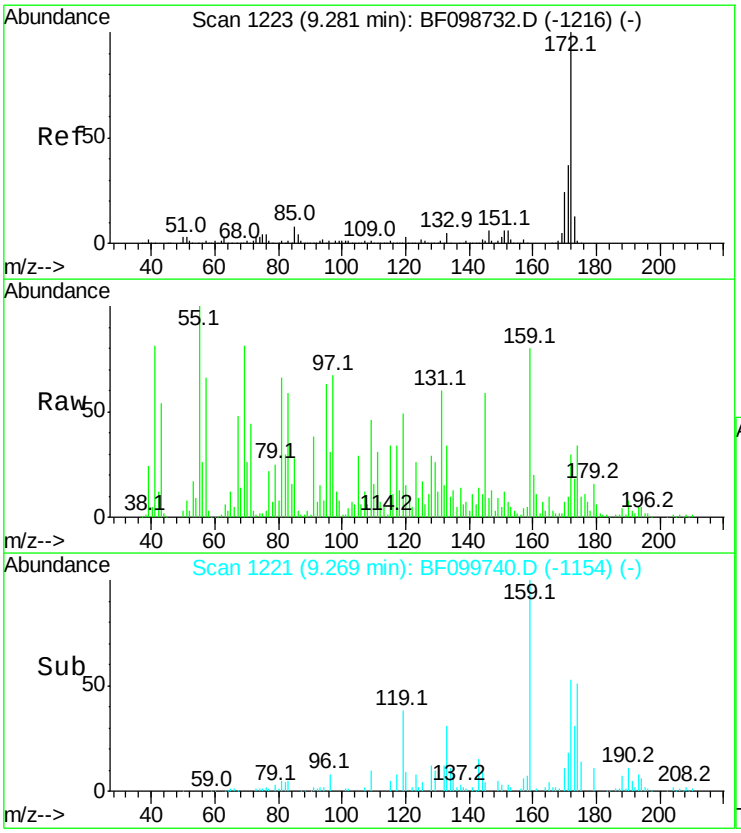

#43
2,4,5-Trichlorophenol
Concen: 22.272 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:196 Resp: 2126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 74.6 | 112.0# |
| 97 | 2941.2 | 42.9 | 64.3# |
| 132 | 580.4 | 26.3 | 39.5# |

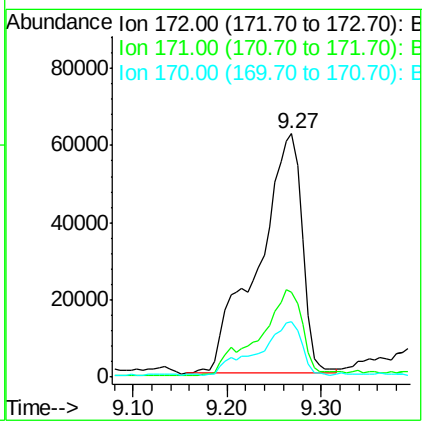


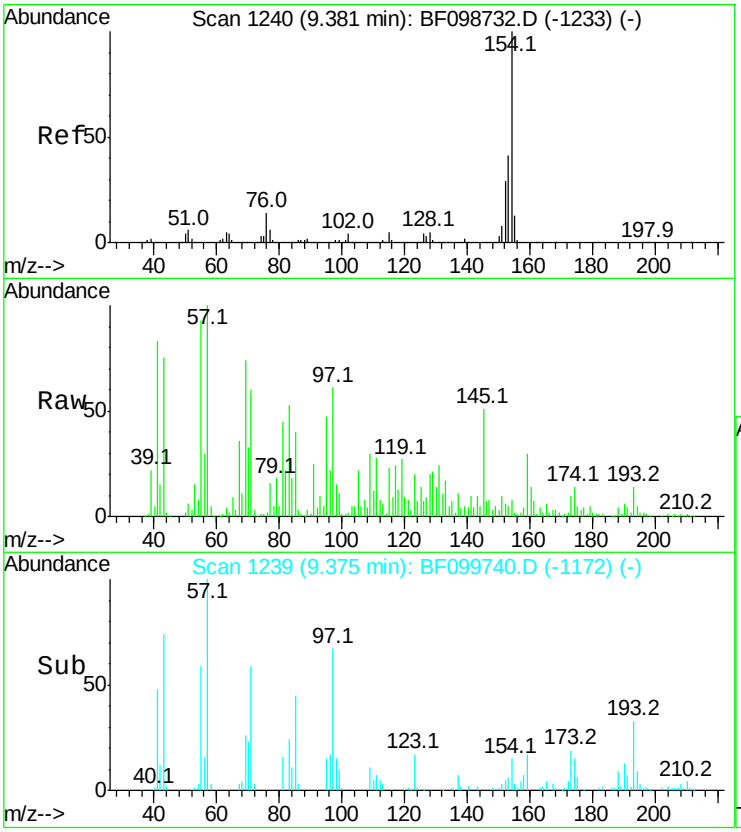




#44
2-Fluorobiphenyl
Concen: 749.316 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.09 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:172 Resp: 203149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 29.7 | 44.5 |
| 170 | 22.6 | 19.6 | 29.4 |



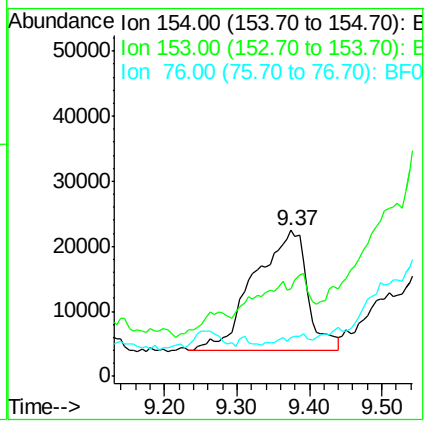


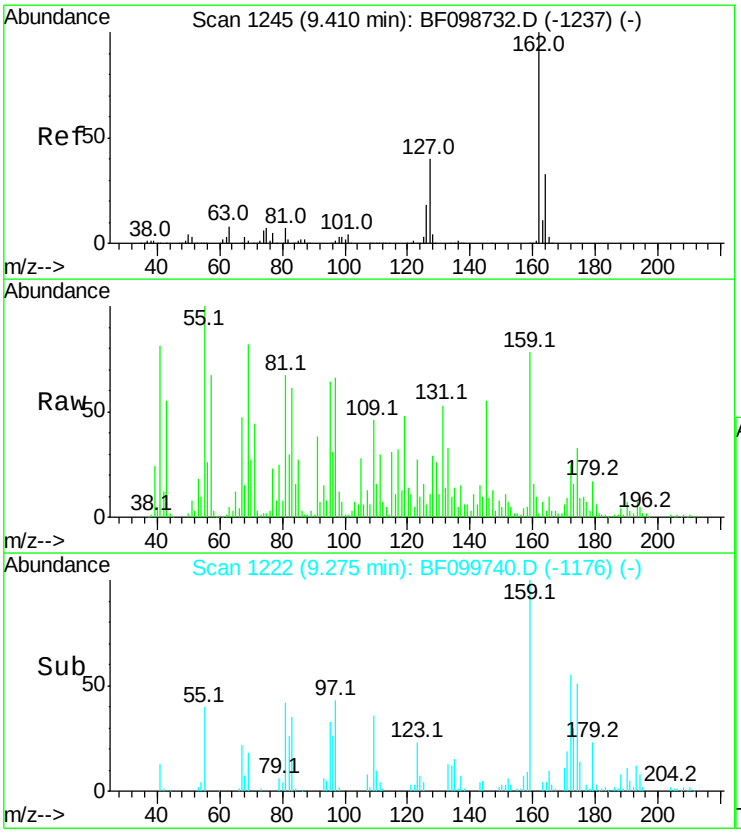

#45
1,1'-Biphenyl
Concen: 240.412 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.09 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:154 Resp: 93516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 60.4 | 21.3 | 61.3 |
| 76 | 26.9 | 0.0 | 34.0 |

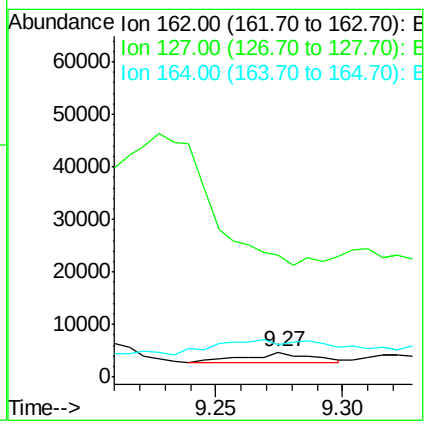


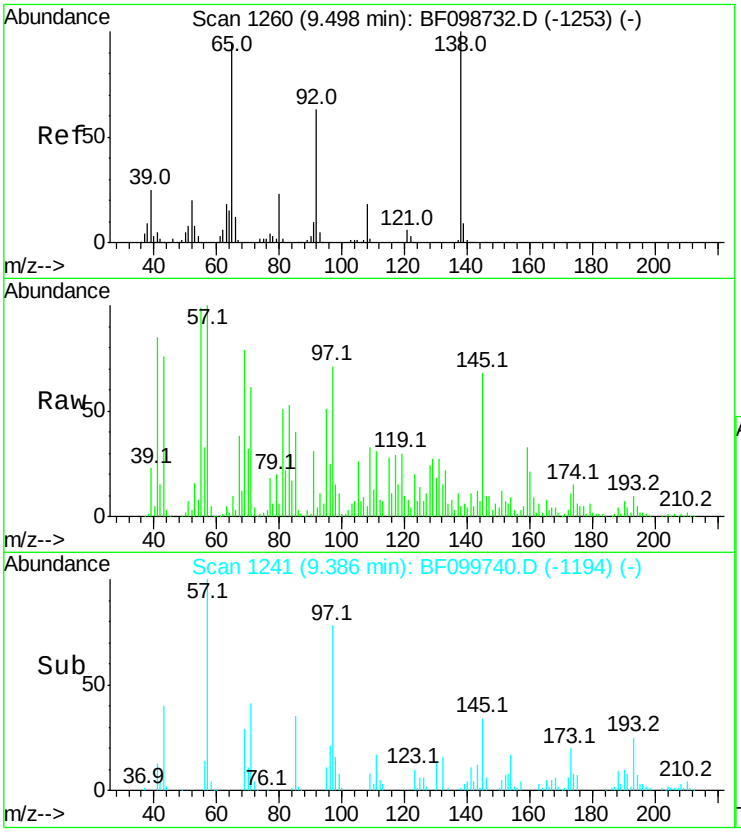




#46
2-Chloronaphthalene
Concen: 11.768 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:162 Resp: 3437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 486.6 | 33.9 | 50.9# |
| 164 | 131.2 | 26.5 | 39.7# |



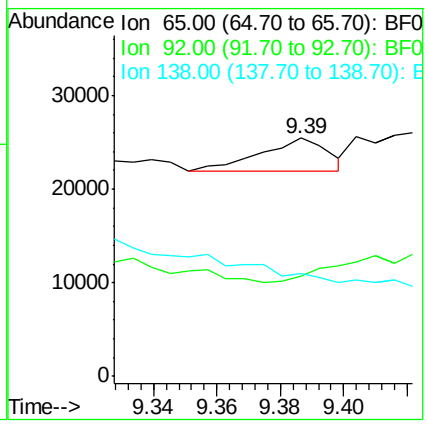


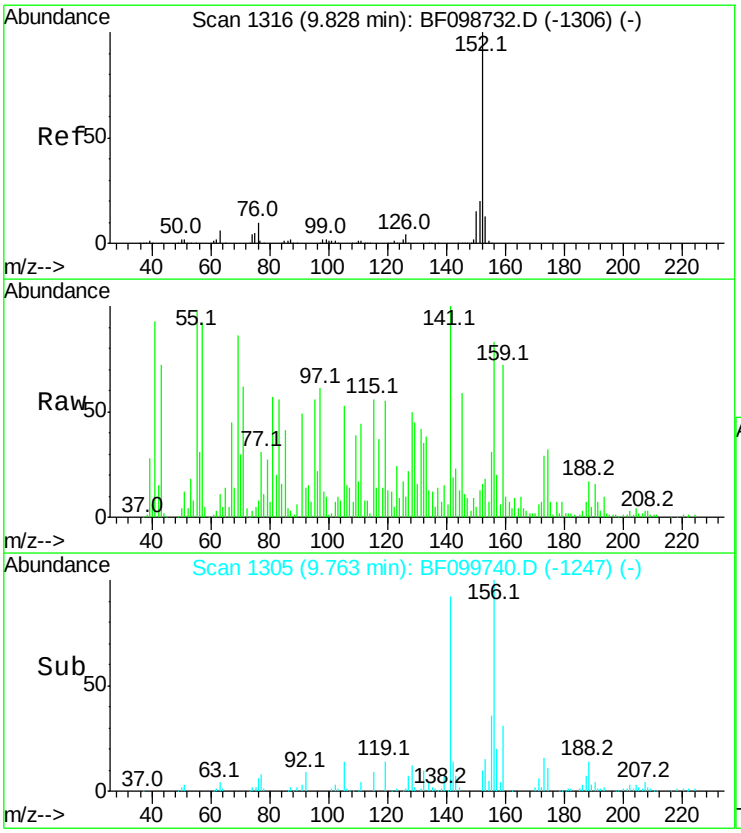

#47
2-Nitroaniline
Concen: 59.825 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion: 65 Resp: 5350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 42.2 | 55.8 | 83.6# |
| 138 | 43.1 | 91.2 | 136.8# |

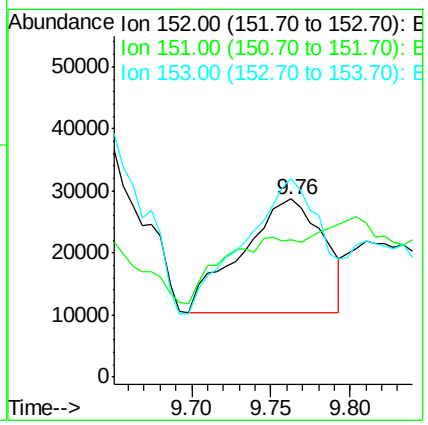


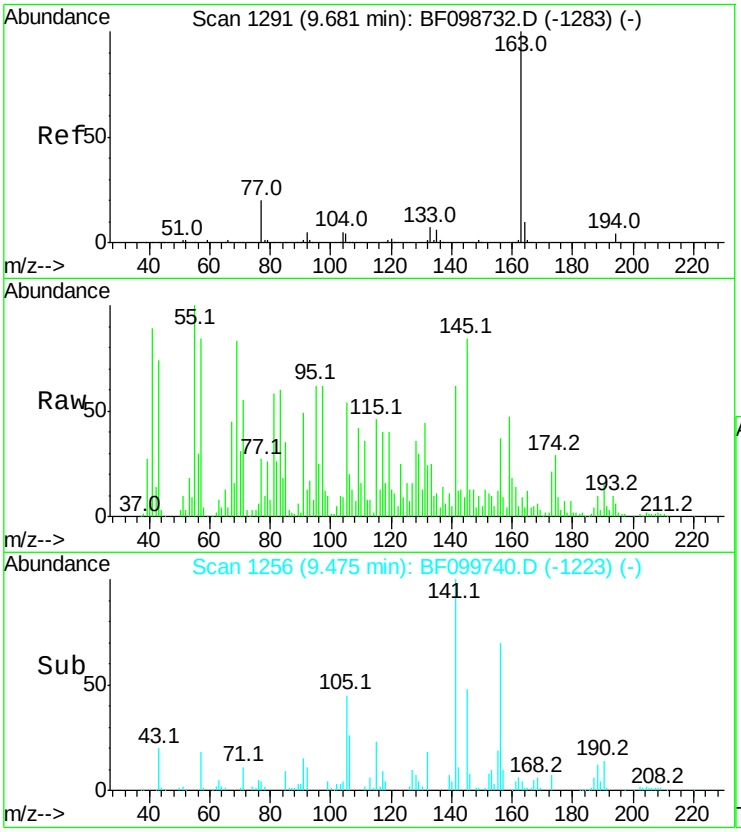




#48
Acenaphthylene
Concen: 146.796 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.04 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:152 Resp: 65631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 77.0 | 16.3 | 24.5# |
| 153 | 111.9 | 10.7 | 16.1# |



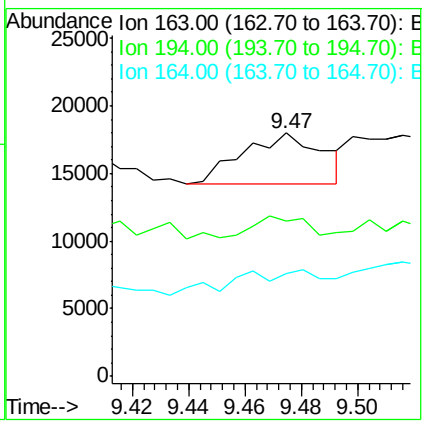


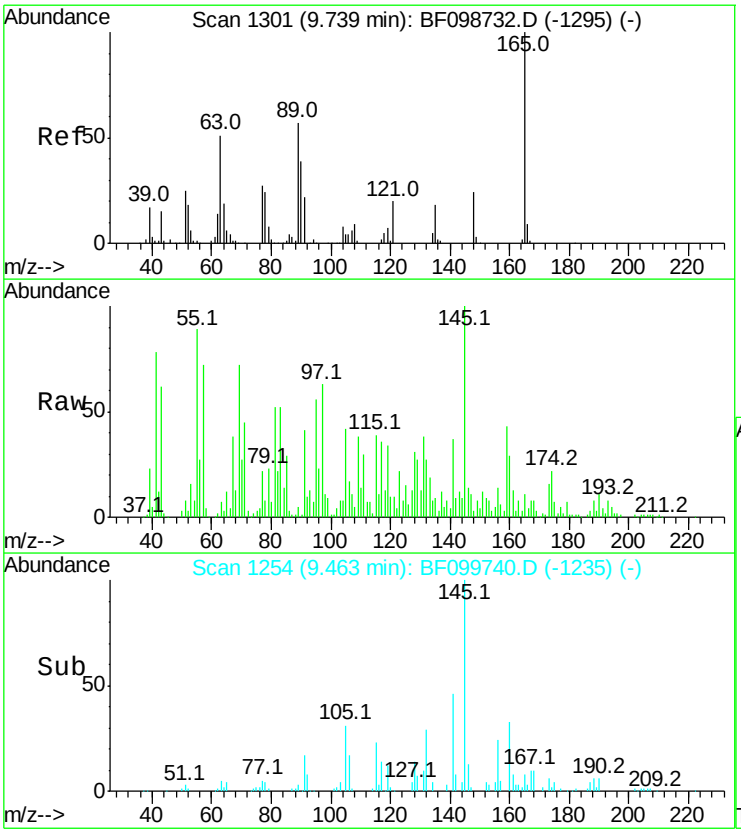

#49
Dimethylphthalate
Concen: 21.645 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.11 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:163 Resp: 7394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 64.0 | 2.7 | 4.1# |
| 164 | 42.1 | 8.2 | 12.2# |

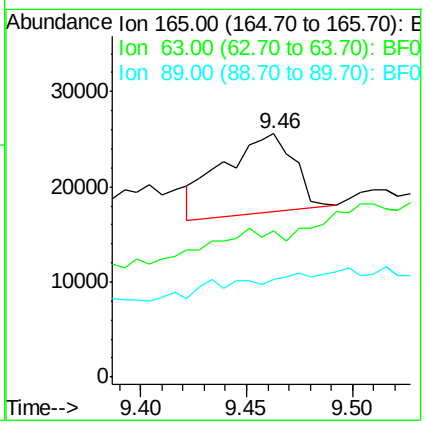


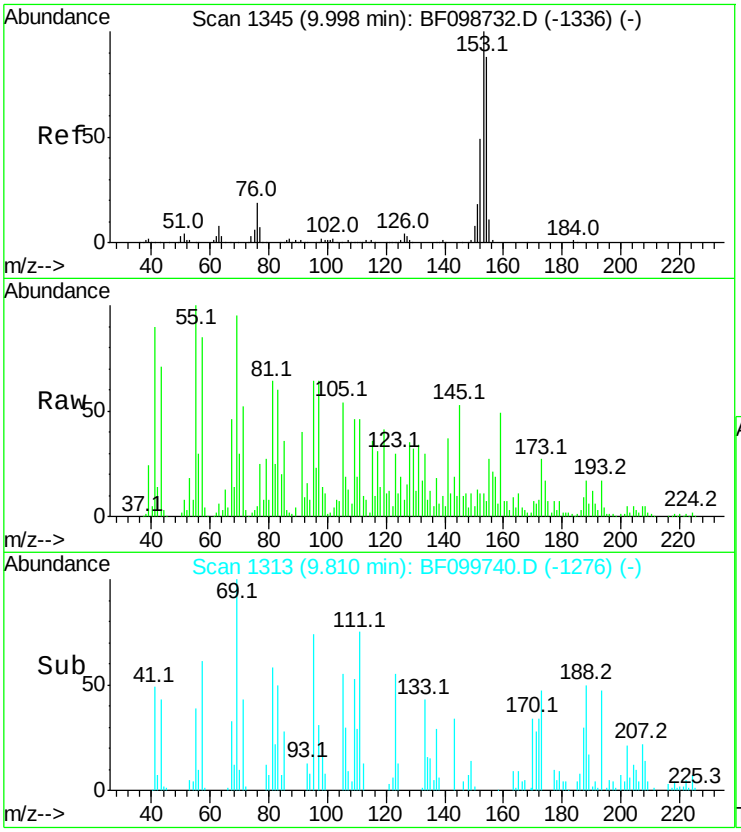




#50
2,6-Dinitrotoluene
Concen: 265.934 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.19 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:165 Resp: 19777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.9 | 44.7 | 67.1 |
| 89 | 40.4 | 44.0 | 66.0# |



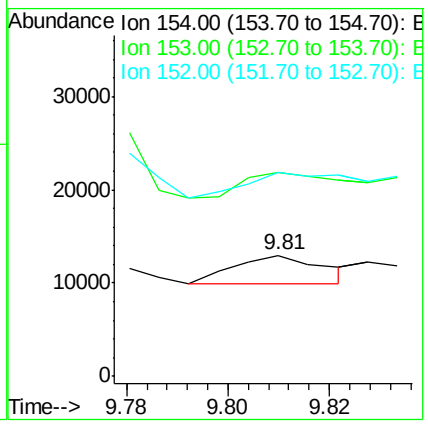


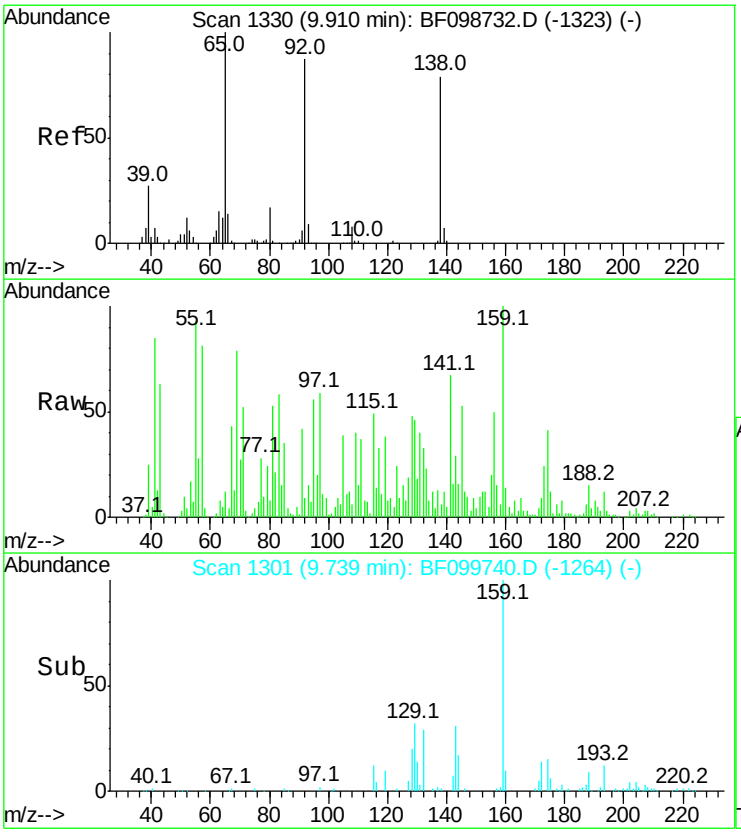

#51
Acenaphthene
Concen: 12.906 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:154 Resp: 3655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 168.0 | 91.2 | 136.8# |
| 152 | 168.2 | 43.8 | 65.8# |

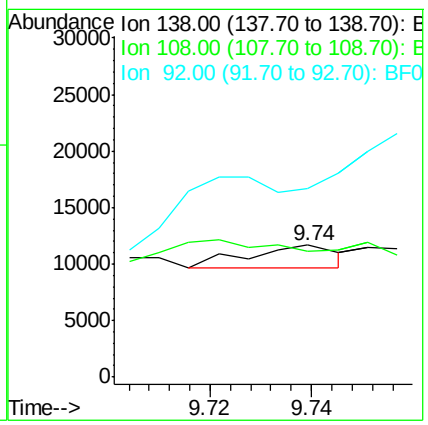


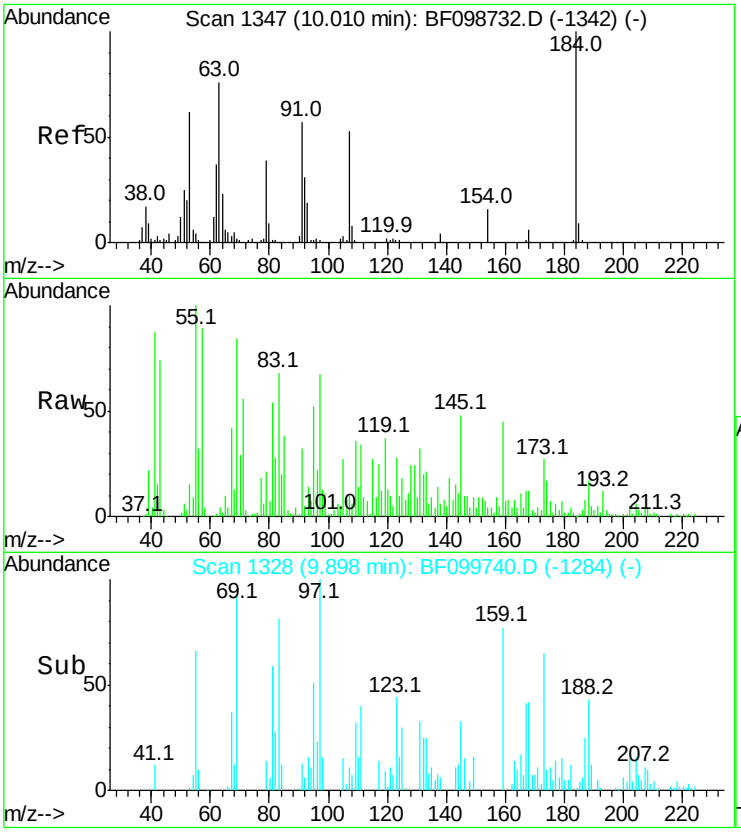




#52
3-Nitroaniline
Concen: 28.035 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:138 Resp: 2431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 95.5 | 9.4 | 14.0# |
| 92 | 143.3 | 89.4 | 134.2# |



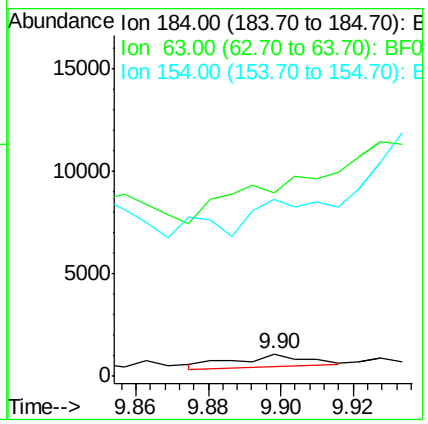


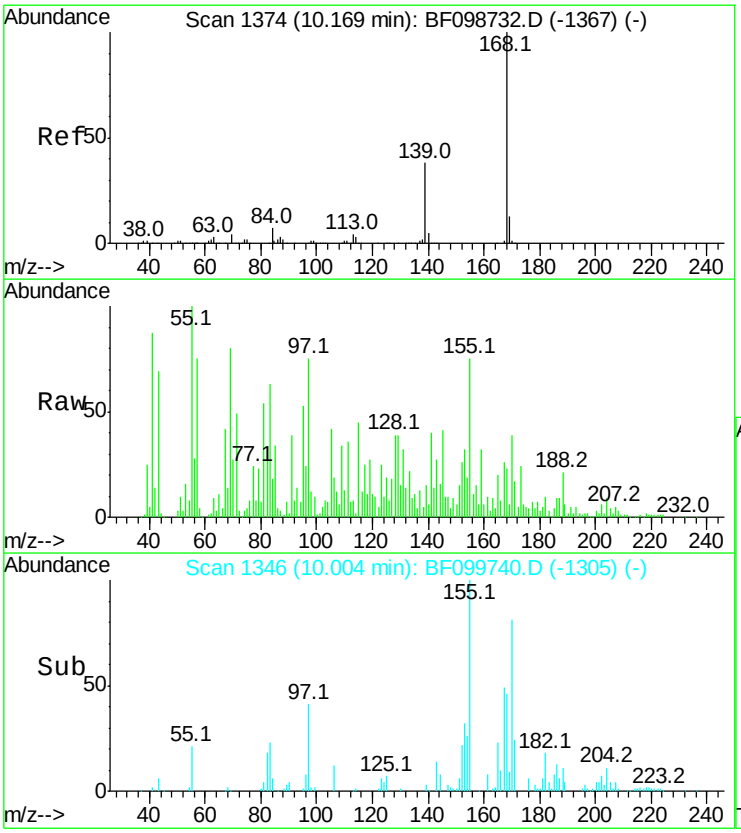

#53
2,4-Dinitrophenol
Concen: 27.331 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:184 Resp: 898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 814.4 | 54.2 | 81.2# |
| 154 | 788.1 | 53.5 | 80.3# |

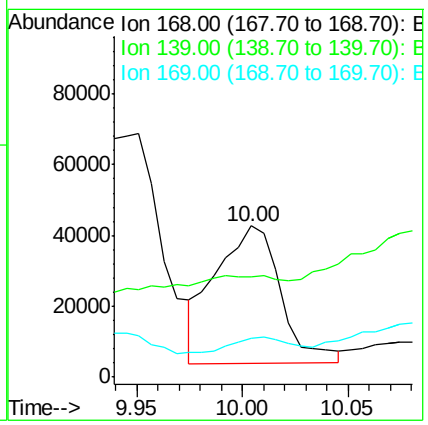


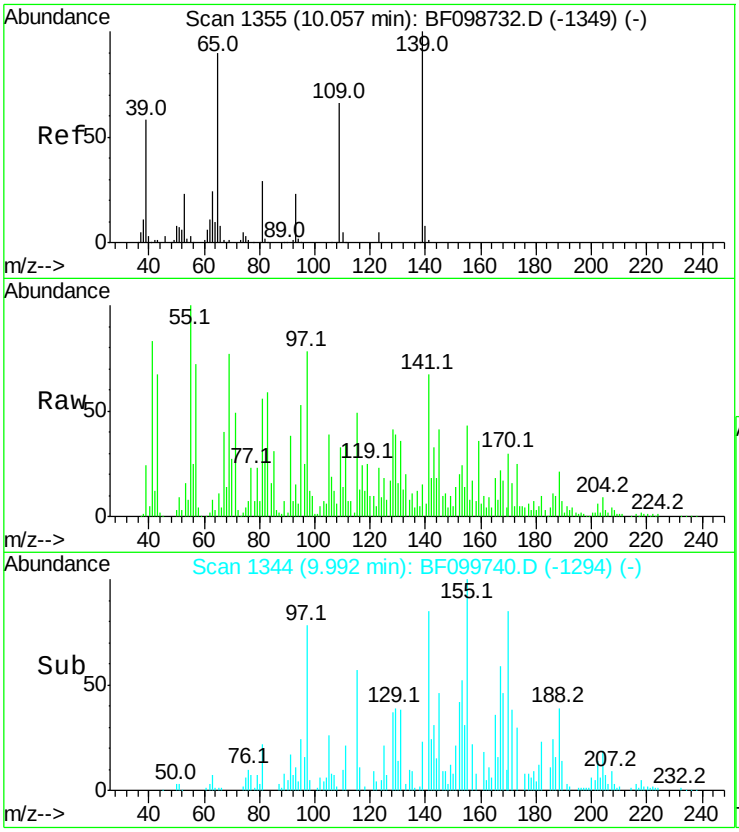




#54
Dibenzofuran
Concen: 220.735 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.06 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:168 Resp: 83235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 66.8 | 30.1 | 45.1# |
| 169 | 25.7 | 10.9 | 16.3# |



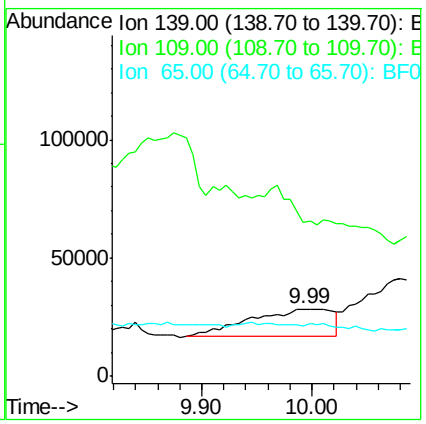


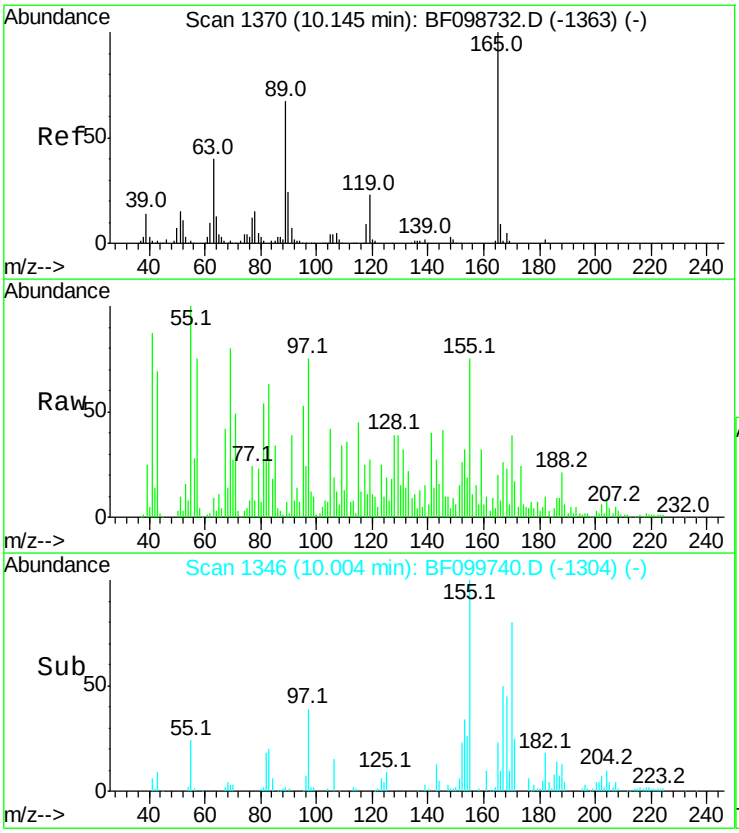

#55
4-Nitrophenol
Concen: 814.297 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:139 Resp: 59706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 228.2 | 48.4 | 88.4# |
| 65 | 74.4 | 72.6 | 112.6 |

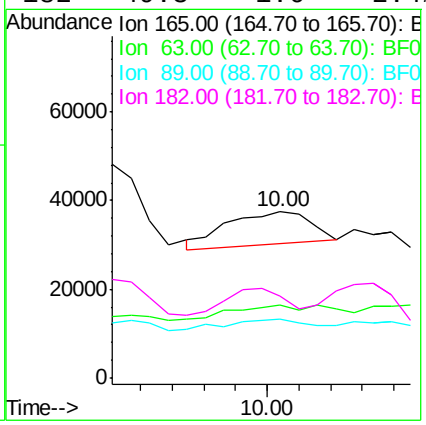


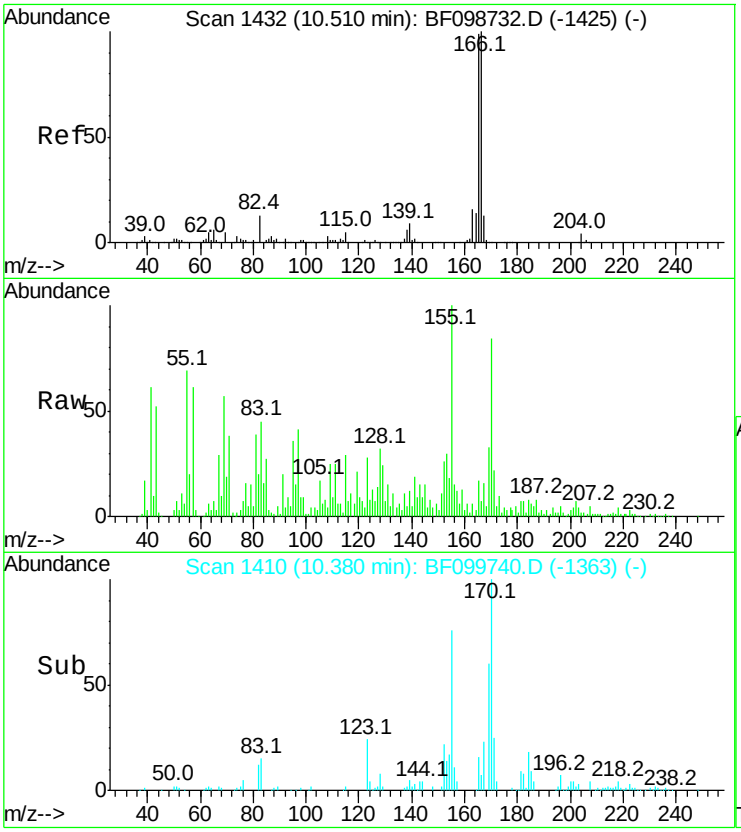




#56
2,4-Dinitrotoluene
Concen: 140.360 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:165 Resp: 13547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.1 | 36.4 | 54.6 |
| 89 | 35.1 | 57.8 | 86.6# |
| 182 | 49.3 | 1.6 | 2.4# |



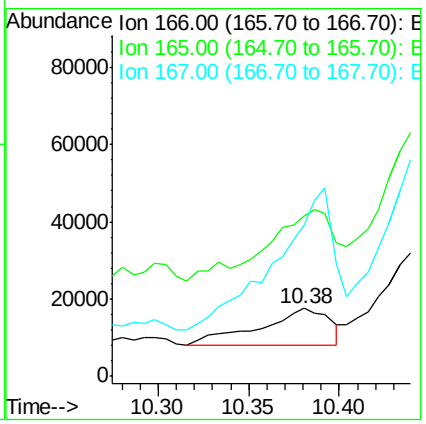


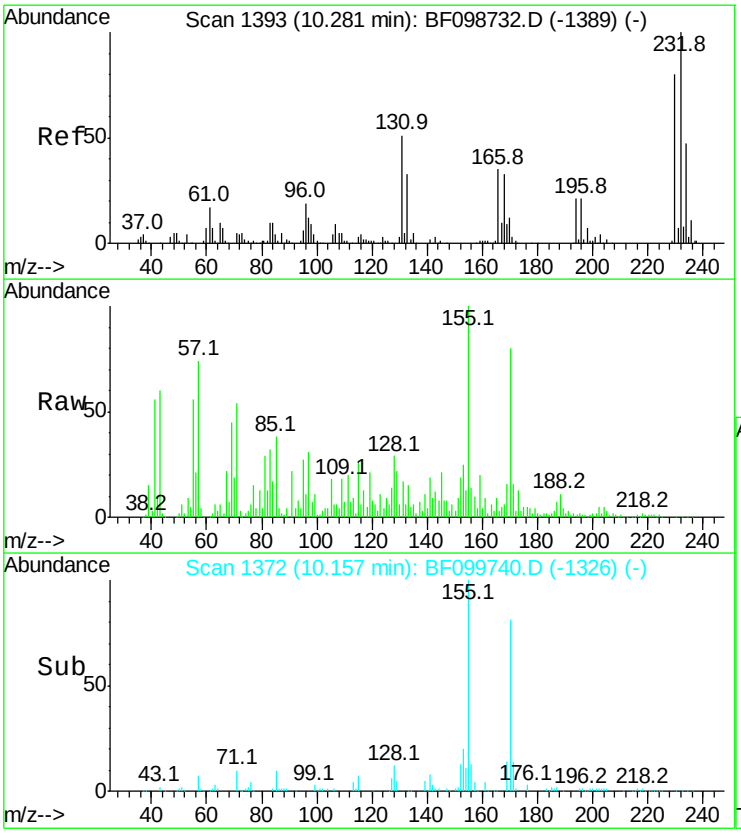

#57
Fluorene
Concen: 85.736 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:166 Resp: 25985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 236.4 | 79.8 | 119.8# |
| 167 | 223.6 | 10.6 | 16.0# |

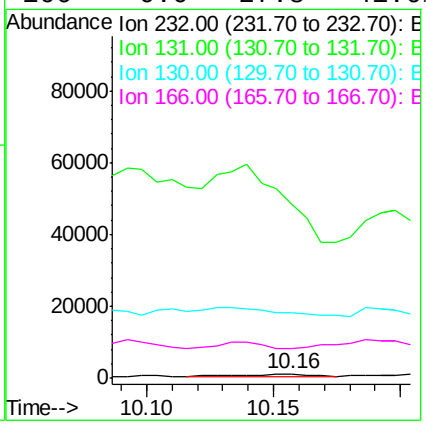


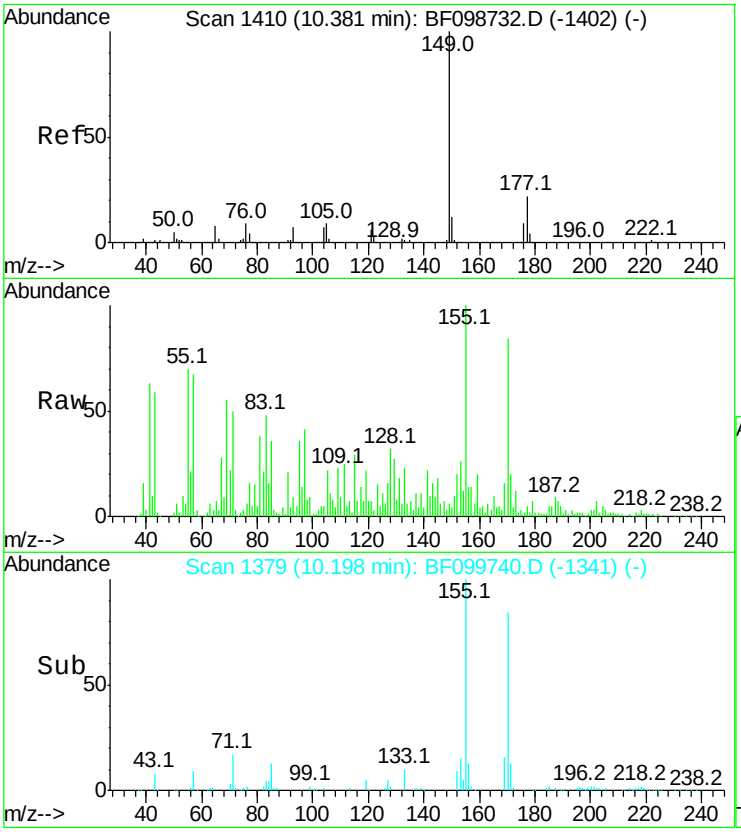




#58
2,3,4,6-Tetrachlorophenol
Concen: 14.847 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:232 Resp: 979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 0.0 | 43.8 | 65.8# |
| 130 | 0.0 | 2.1 | 3.1# |
| 166 | 0.0 | 27.8 | 41.6# |



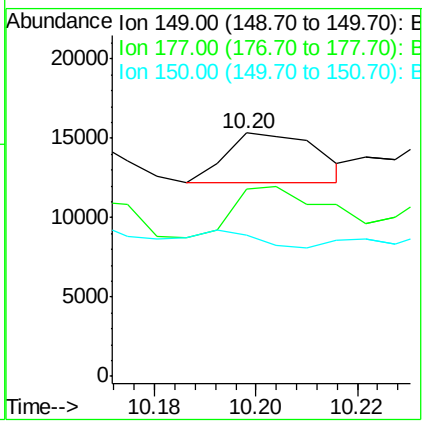


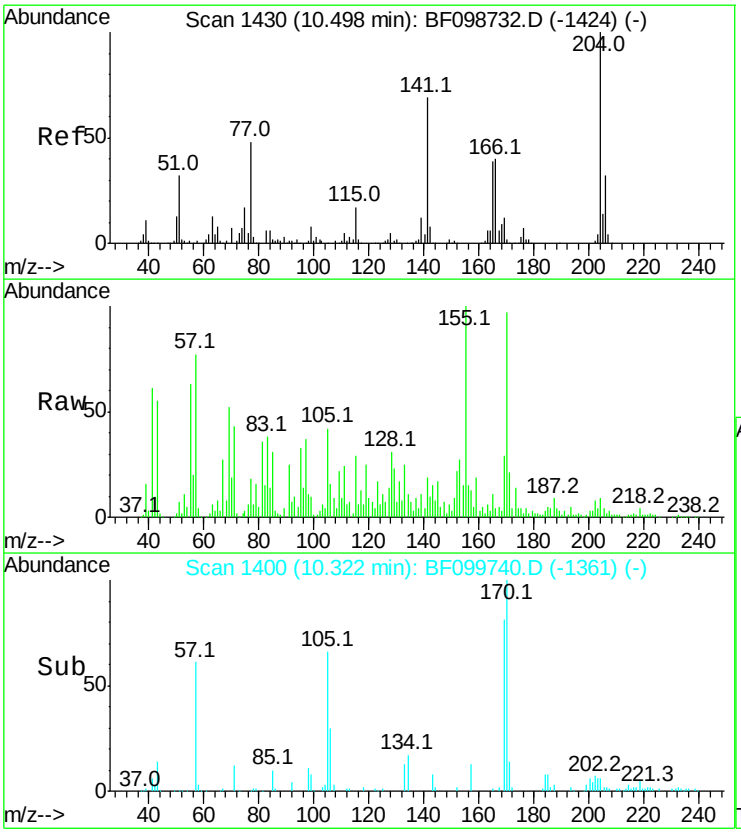

#59
Diethylphthalate
Concen: 11.921 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:149 Resp: 3979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 77.0 | 16.1 | 24.1# |
| 150 | 58.0 | 10.1 | 15.1# |

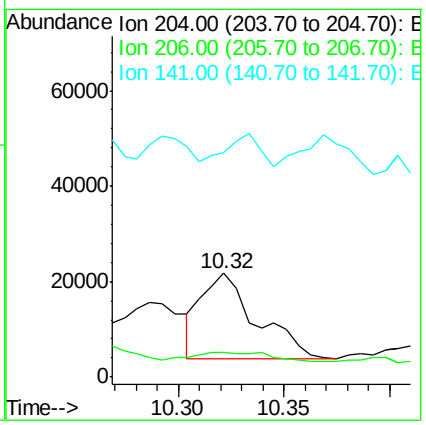


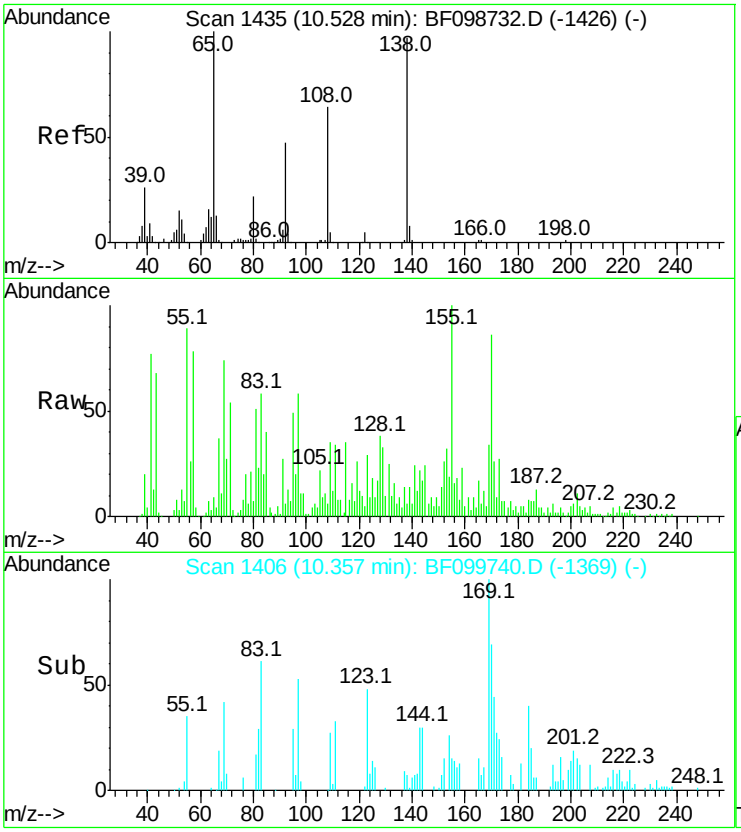




#60
4-Chlorophenyl-phenylether
Concen: 235.080 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.07 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:204 Resp: 32005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 24.5 | 26.5 | 39.7# |
| 141 | 216.5 | 54.6 | 81.8# |



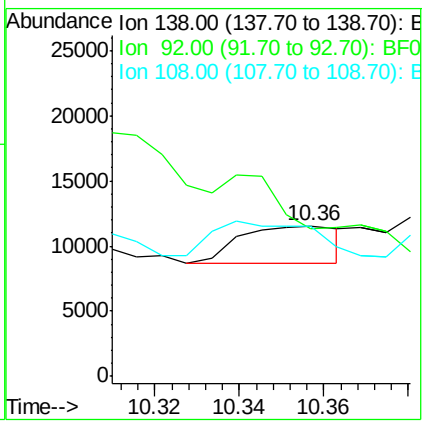


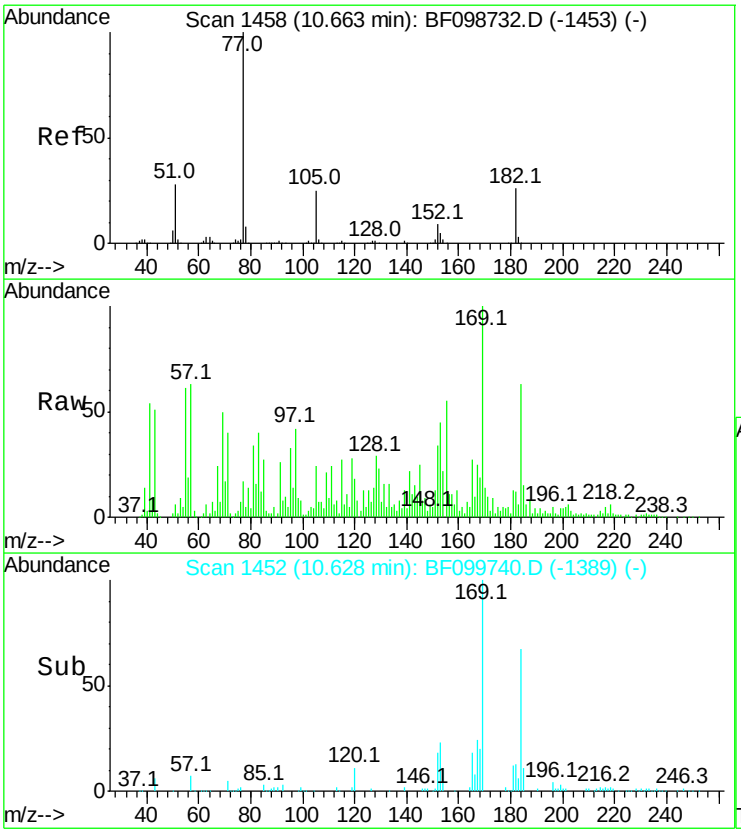

#61
4-Nitroaniline
Concen: 56.994 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:138 Resp: 4768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 98.1 | 30.2 | 70.2# |
| 108 | 99.8 | 52.5 | 92.5# |

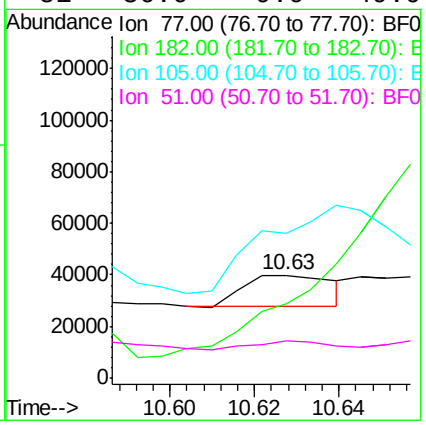


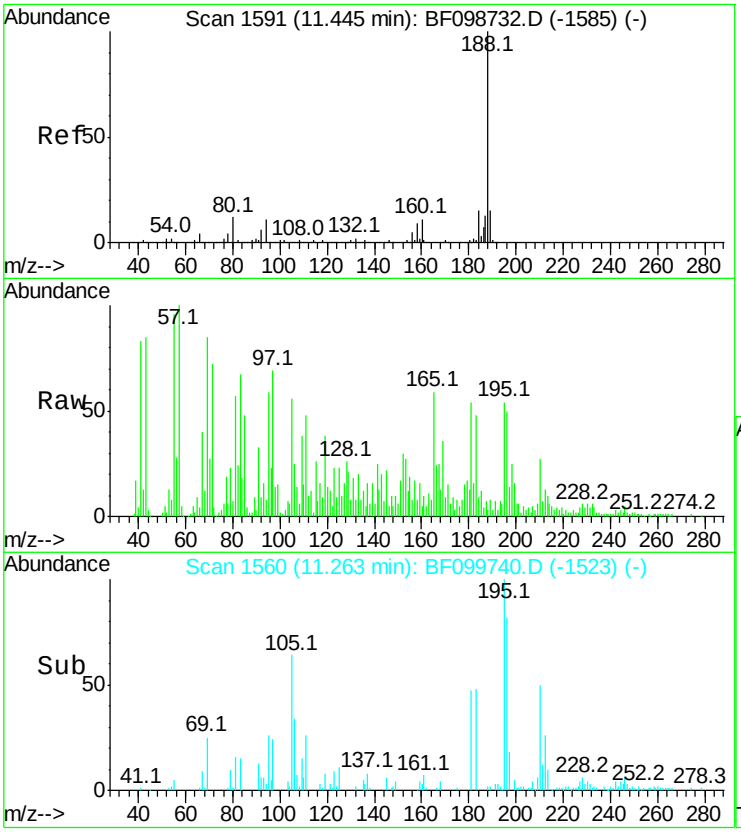




#62
Azobenzene
Concen: 58.255 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.07 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion: 77 Resp: 17879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 71.8 | 1.7 | 41.7# |
| 105 | 140.6 | 3.0 | 43.0# |
| 51 | 36.0 | 9.9 | 49.9 |



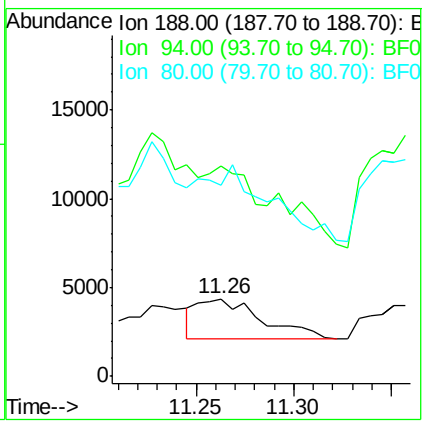


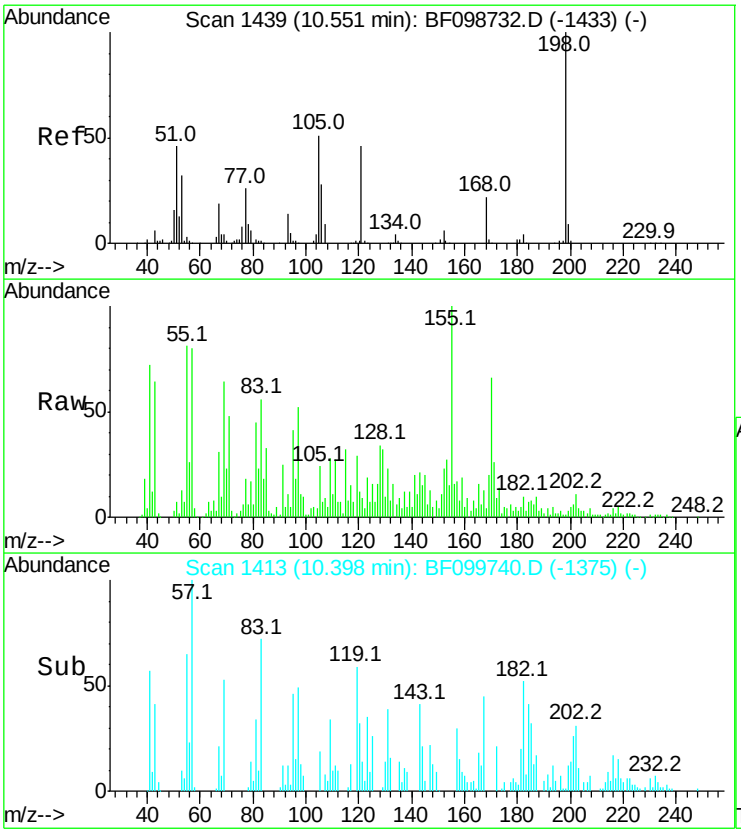

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:188 Resp: 5005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 270.1 | 8.5 | 12.7# |
| 80 | 246.3 | 9.2 | 13.8# |

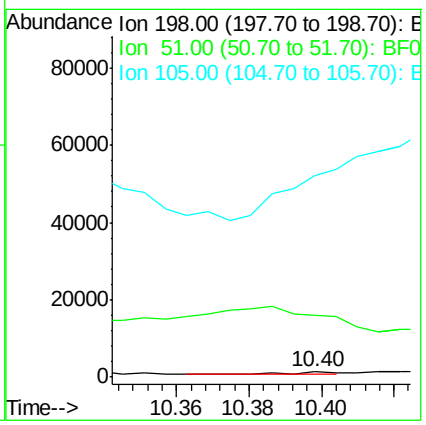


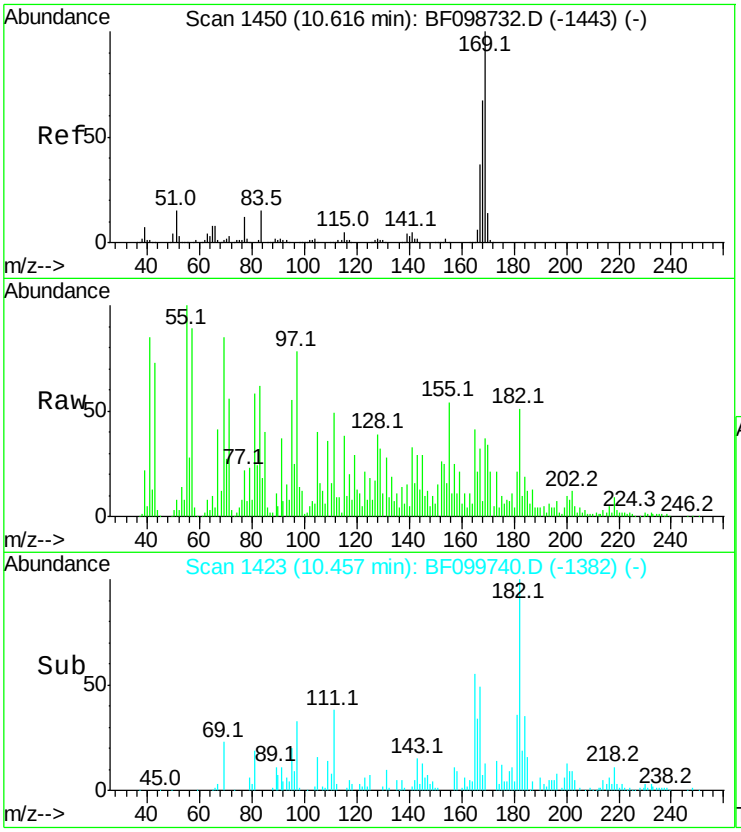




#64
4,6-Dinitro-2-methylphenol
Concen: 23.907 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:198 Resp: 728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 1151.1 | 37.7 | 77.7# |
| 105 | 3753.4 | 36.3 | 76.3# |



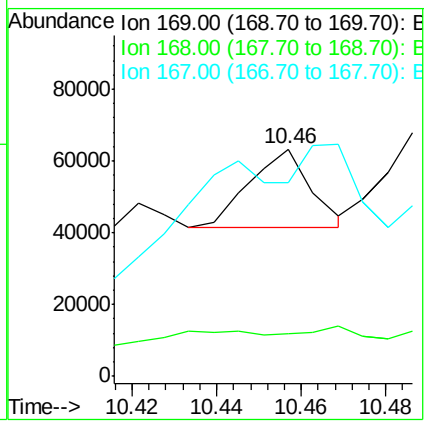


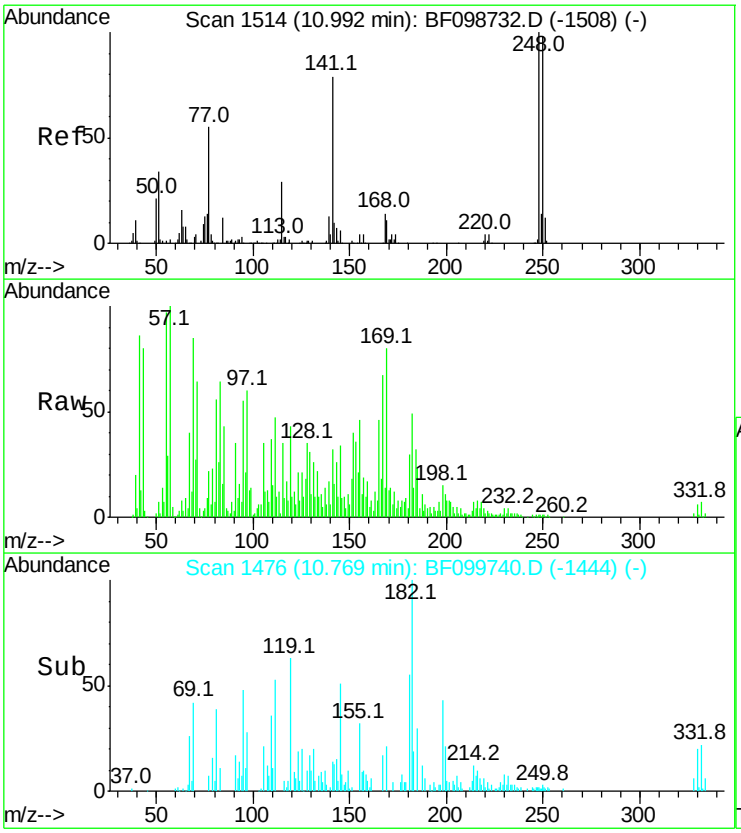

#65
n-Nitrosodiphenylamine
Concen: 129.028 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.06 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:169 Resp: 22372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 18.8 | 54.4 | 81.6# |
| 167 | 85.3 | 29.8 | 44.6# |

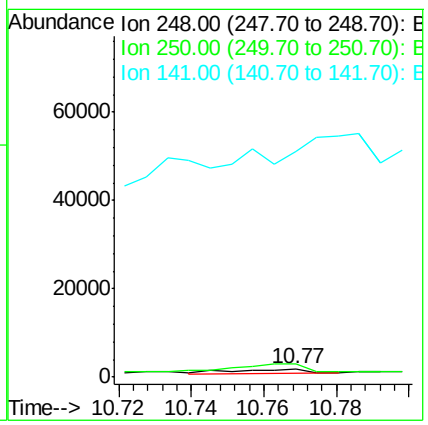


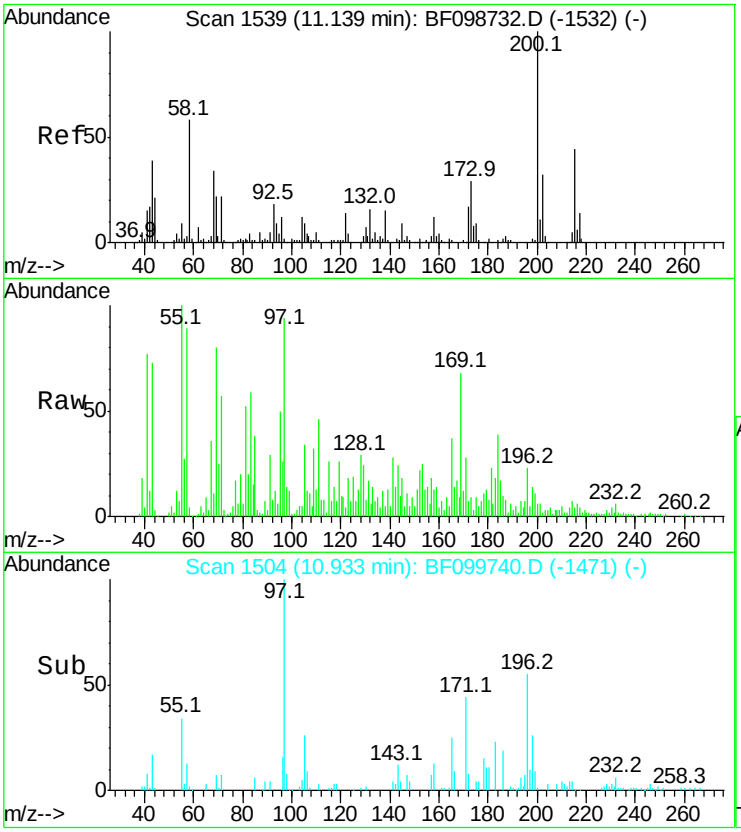




#66
4-Bromophenyl-phenylether
Concen: 26.536 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.11 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:248 Resp: 1300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 156.9 | 76.9 | 115.3# |
| 141 | 2753.7 | 74.4 | 111.6# |



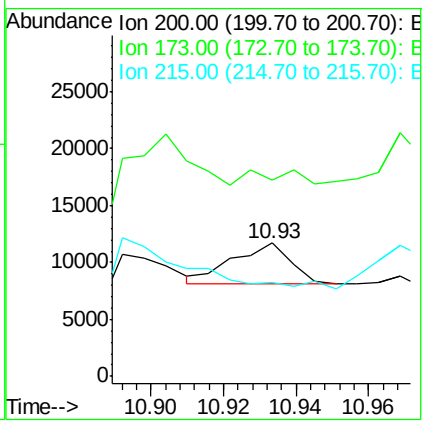


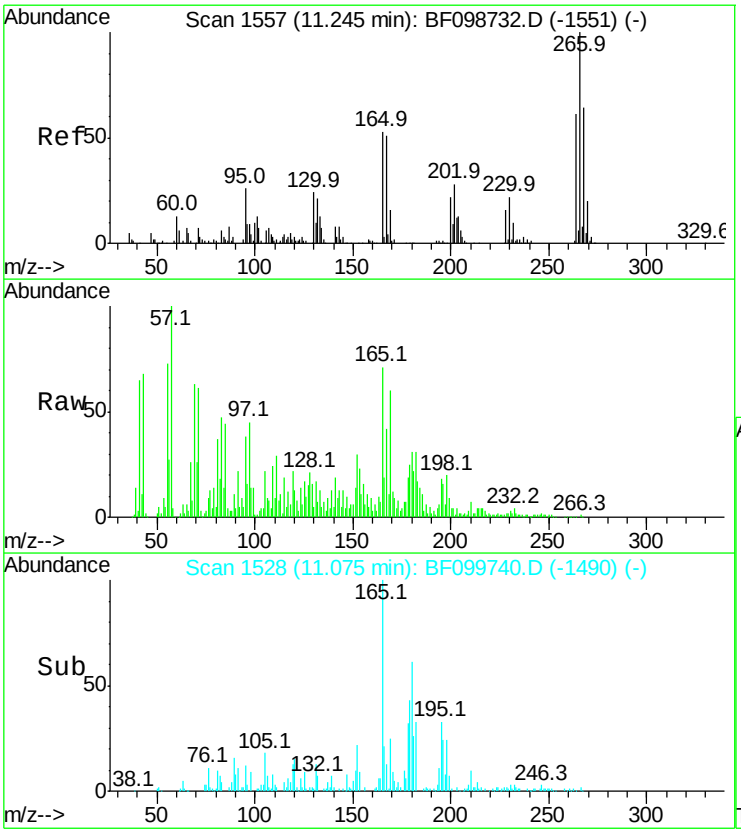

#68
Atrazine
Concen: 77.635 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.11 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:200 Resp: 4050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 147.1 | 8.6 | 48.6# |
| 215 | 70.7 | 25.1 | 65.1# |

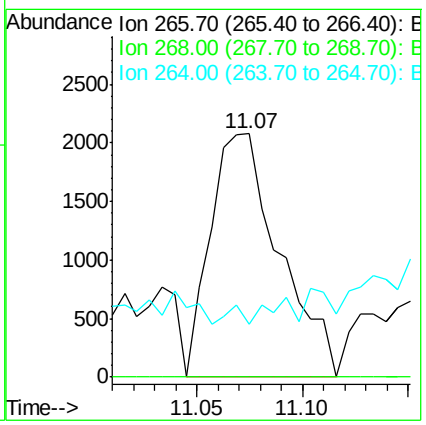


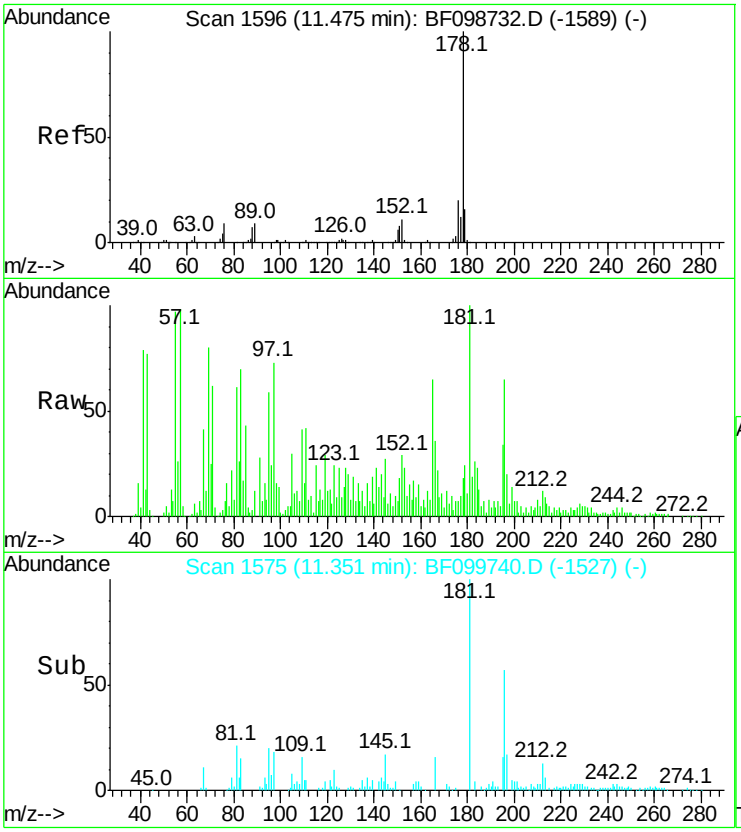




#69
Pentachlorophenol
Concen: 144.421 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:266 Resp: 4703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 51.1 | 76.7# |
| 264 | 21.9 | 49.5 | 74.3# |



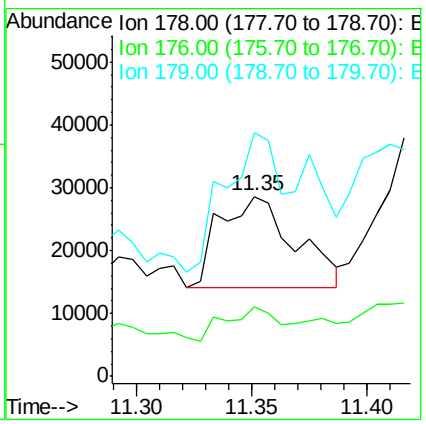


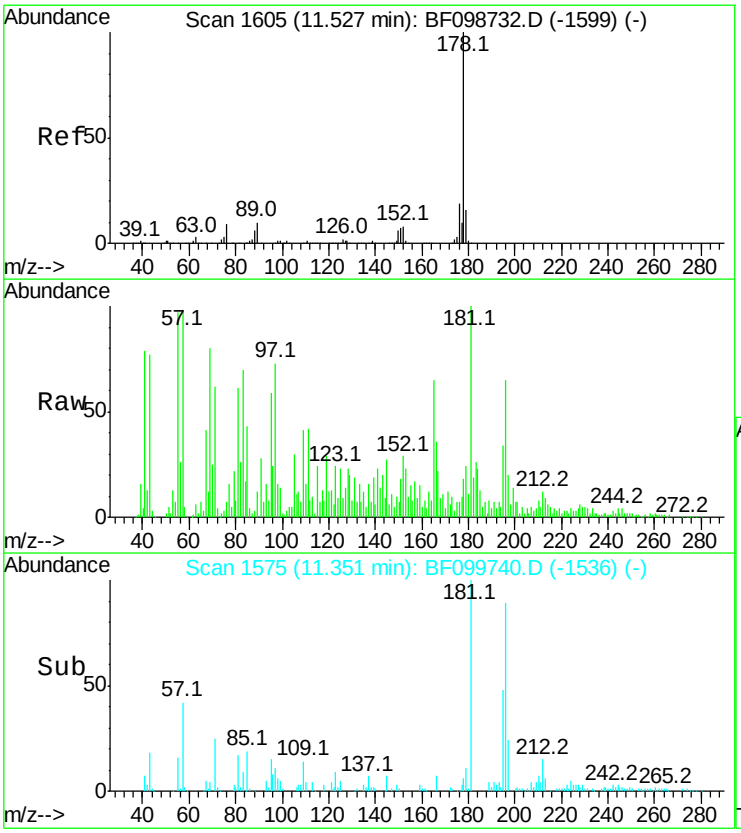

#70
Phenanthrene
Concen: 123.940 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:178 Resp: 33204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 38.9 | 15.8 | 23.8# |
| 179 | 135.2 | 13.0 | 19.6# |

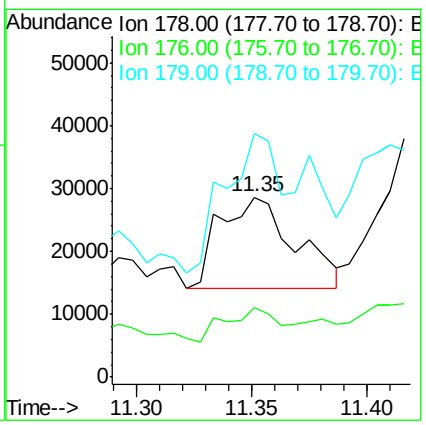


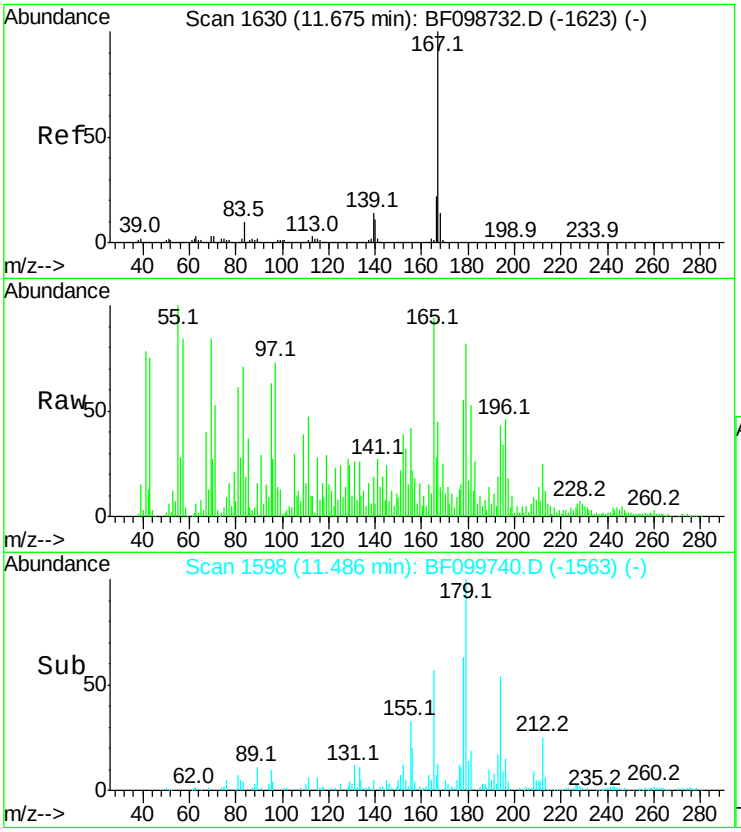




#71
Anthracene
Concen: 121.131 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.07 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:178 Resp: 33204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 38.9 | 15.4 | 23.2# |
| 179 | 135.2 | 12.6 | 19.0# |



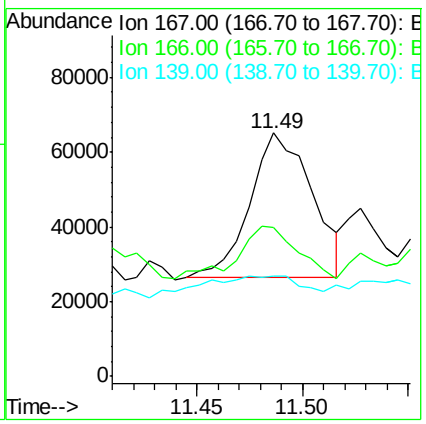


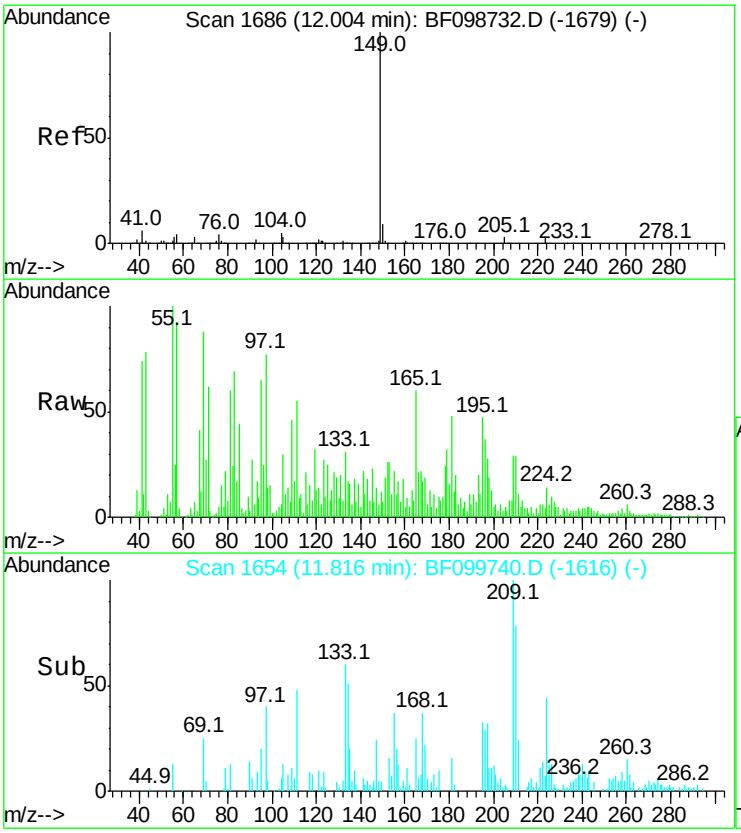

#72
Carbazole
Concen: 294.962 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.09 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:167 Resp: 79178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 61.1 | 17.6 | 26.4# |
| 139 | 41.1 | 10.9 | 16.3# |

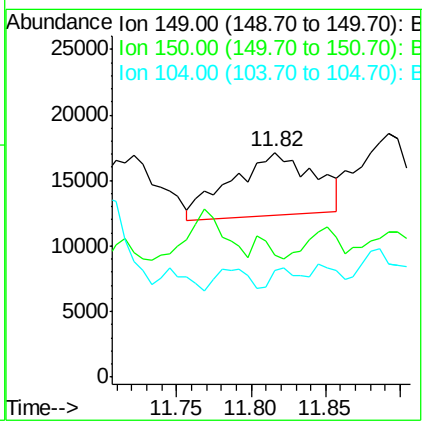


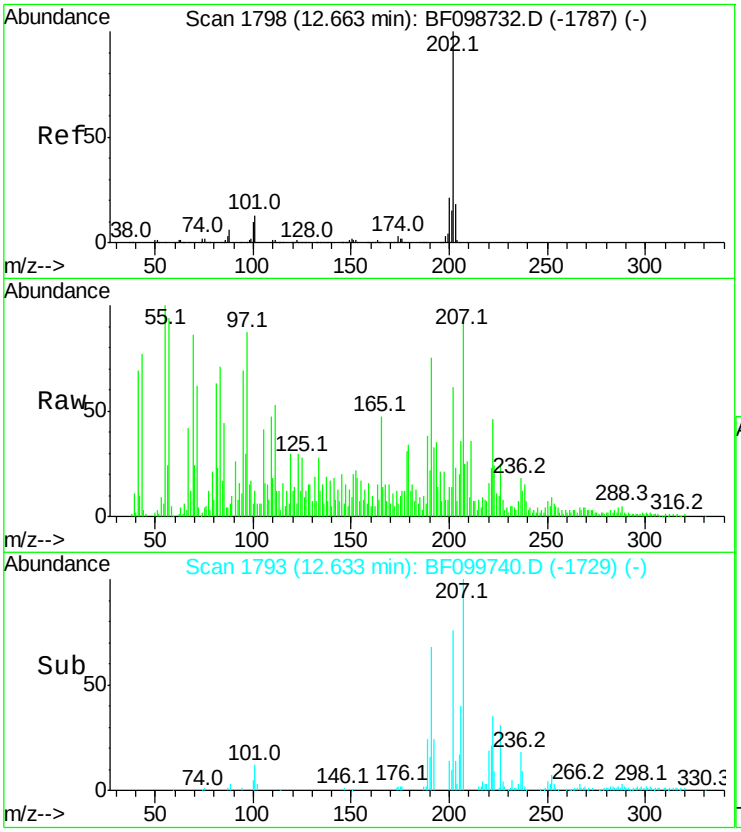




#73
Di-n-butylphthalate
Concen: 57.935 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:149 Resp: 18719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 54.5 | 7.8 | 11.6# |
| 104 | 47.6 | 3.8 | 5.8# |



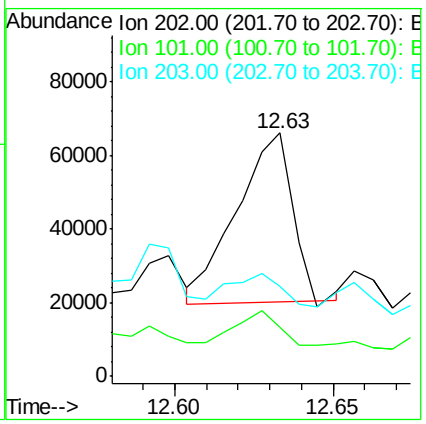


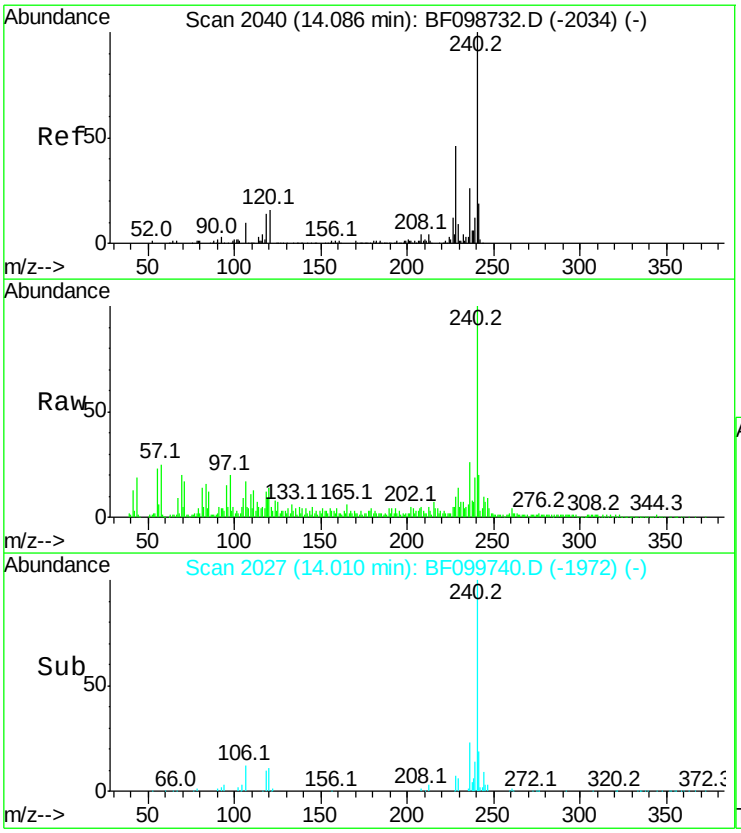

#74
Fluoranthene
Concen: 207.367 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.08 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:202 Resp: 56255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 20.0 | 0.0 | 34.1 |
| 203 | 37.2 | 0.0 | 38.1 |

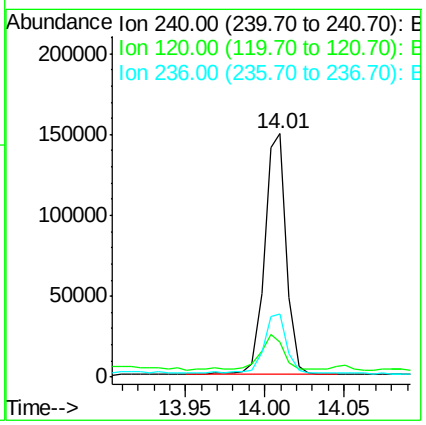


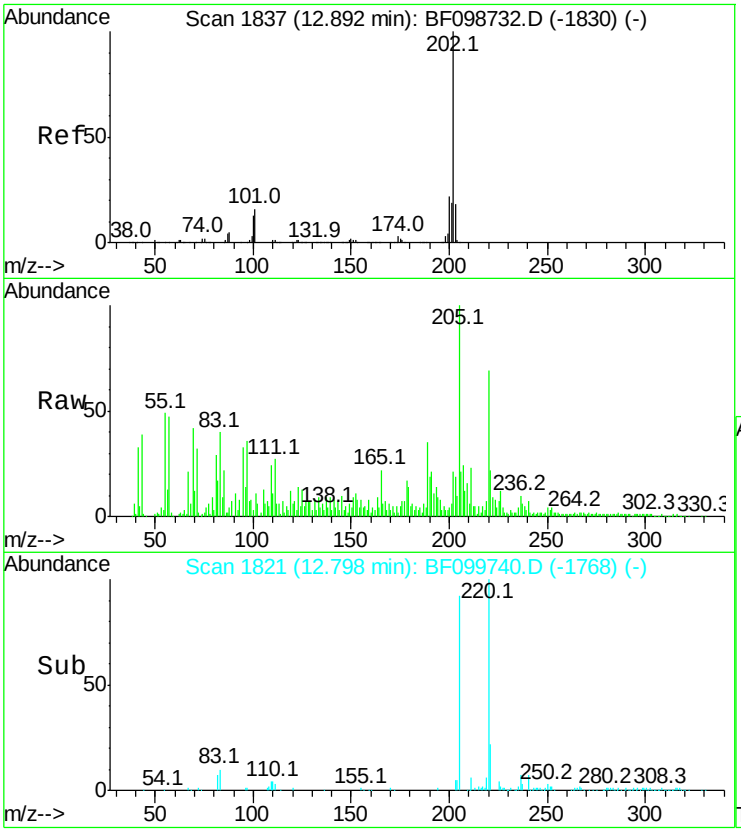




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:240 Resp: 143517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.5 | 9.5 | 14.3# |
| 236 | 26.2 | 20.7 | 31.1 |



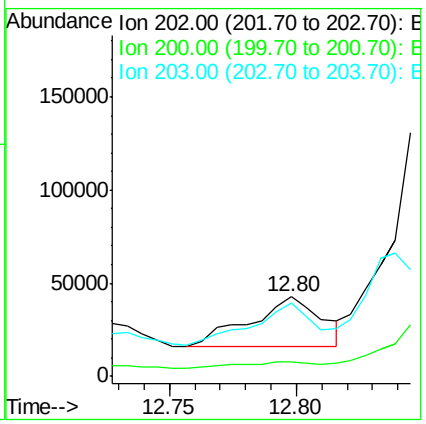


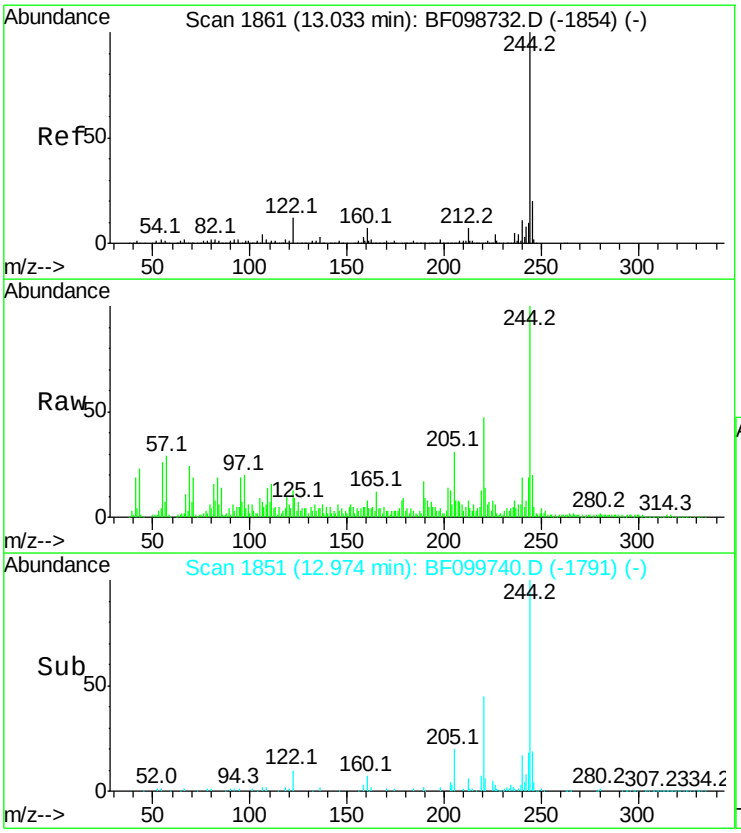

#77
Pyrene
Concen: 4.737 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:202 Resp: 51840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.9 | 17.4 | 26.2 |
| 203 | 93.2 | 14.3 | 21.5# |

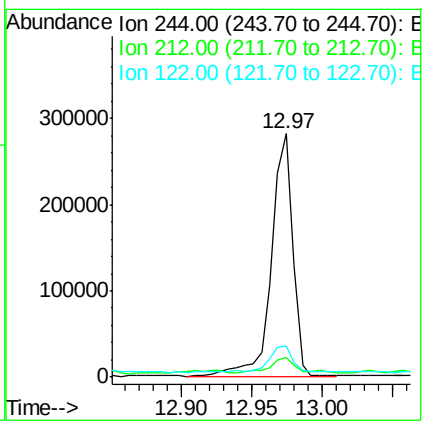


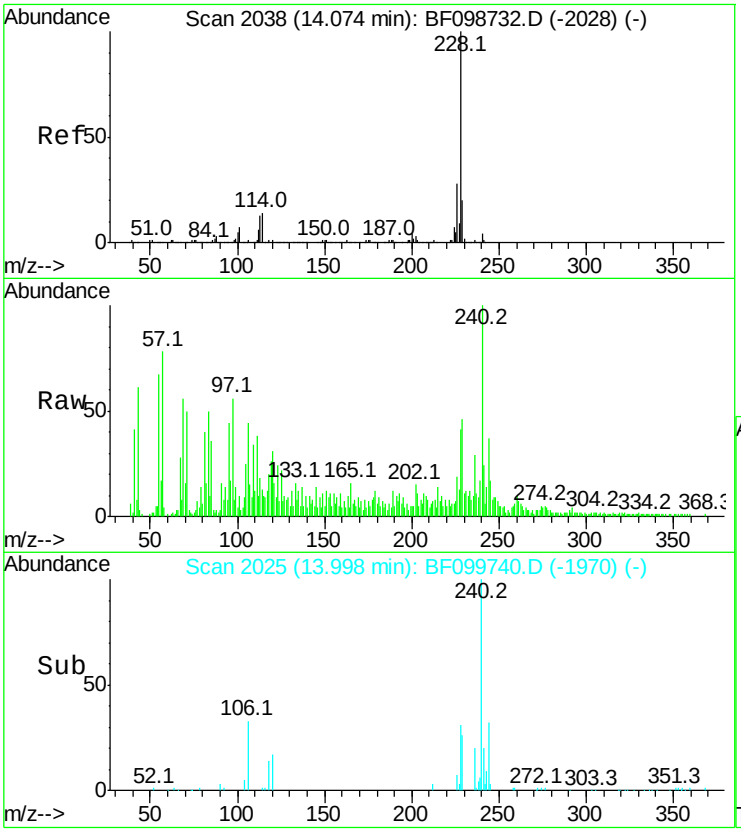




#78
Terphenyl-d14
Concen: 47.337 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.05 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:244 Resp: 298728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.4 | 8.0 |
| 122 | 12.9 | 11.0 | 16.4 |



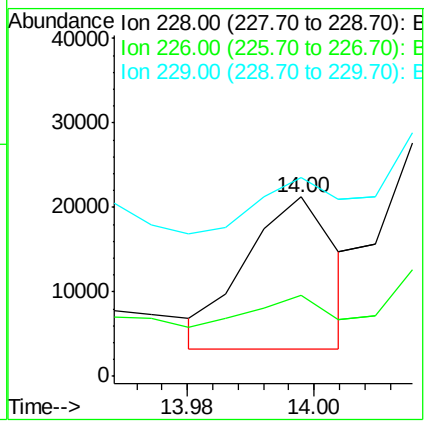


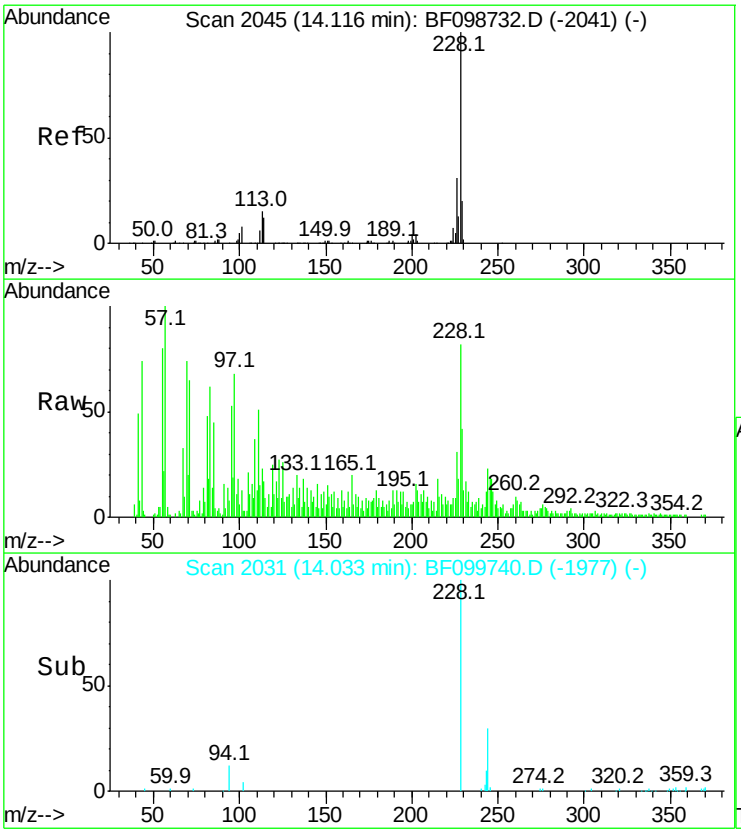

#80
Benzo(a)anthracene
Concen: 2.034 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:228 Resp: 17672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 45.0 | 22.6 | 33.8# |
| 229 | 110.8 | 15.8 | 23.6# |

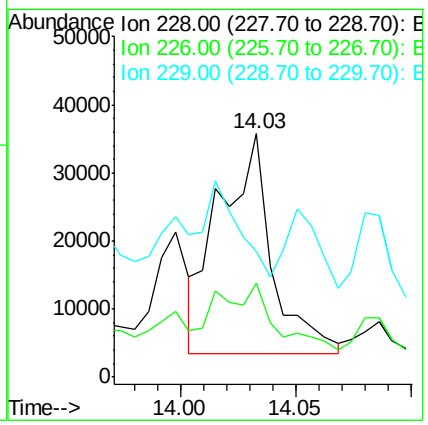


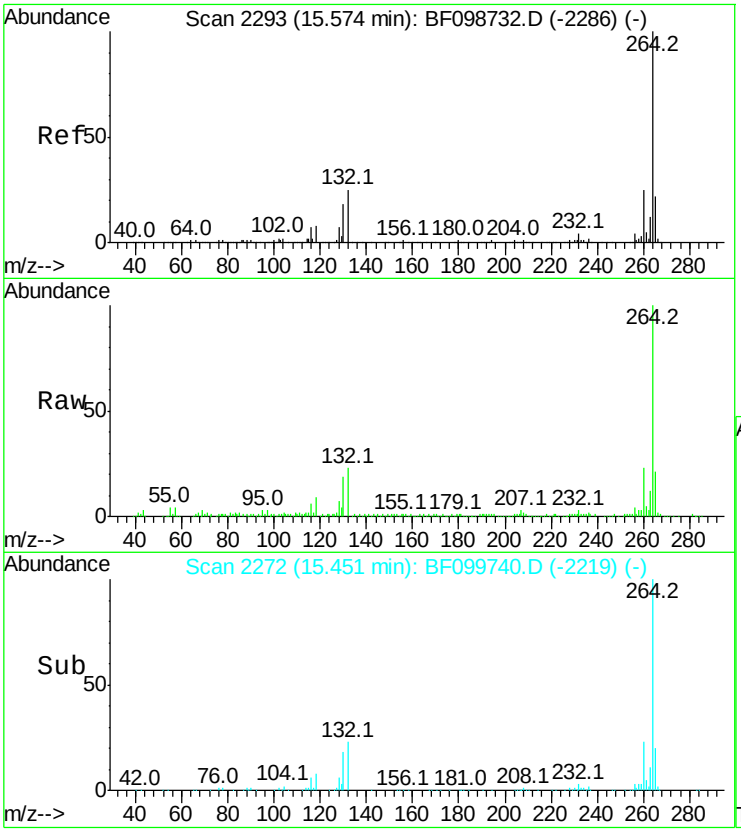




#82
Chrysene
Concen: 6.213 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

Tgt Ion:228 Resp: 51403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.4 | 25.0 | 37.6# |
| 229 | 51.6 | 16.2 | 24.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099740.D
Acq: 21 Oct 2017 20:58

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

Tgt Ion:264 Resp: 168491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.2 | 28.8 |
| 265 | 20.9 | 17.5 | 26.3 |