Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116922.D
Acq On : 10 Sep 2019 15:40
Operator : HP/JU
Sample : PB122853BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 10 17:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 77931 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.12 | 136 | 344170 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.87 | 164 | 177544 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.35 | 188 | 298439 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 13.99 | 240 | 204881 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.43 | 264 | 132403 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 508101 | 105.63 | ng | | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 654228 | 103.57 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 380597 | 63.13 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 150171 | 126.52 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.19 | 172 | 677677 | 64.39 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.93 | 244 | 670643 | 60.55 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.66 | 88 | 73508 | 33.103 | ng | | 96 |
| 3) Pyridine | 3.40 | 79 | 170768 | 26.560 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.34 | 42 | 74436 | 33.715 | ng | | 89 |
| 6) Aniline | 6.50 | 93 | 228083 | 26.071 | ng | | 100 |
| 8) 2-Chlorophenol | 6.62 | 128 | 224693 | 42.789 | ng | | 95 |
| 9) Benzaldehyde | 6.38 | 77 | 94893 | 22.803 | ng | | 98 |
| 10) Phenol | 6.49 | 94 | 287018 | 41.035 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 207889 | 38.171 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 218826 | 36.871 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 227295 | 38.468 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.00 | 146 | 213107 | 38.918 | ng | | 95 |
| 15) Benzyl Alcohol | 6.97 | 79 | 200709 | 39.145 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 201427 | 31.523 | ng | | 86 |
| 17) 2-Methylphenol | 7.09 | 107 | 191422 | 41.641 | ng | | 99 |
| 18) Hexachloroethane | 7.35 | 117 | 87529 | 38.128 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 159563 | 38.365 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.24 | 107 | 235247 | 44.013 | ng | # | 75 |
| 22) Acetophenone | 7.24 | 105 | 320143 | 38.637 | ng | | 97 |
| 24) Nitrobenzene | 7.42 | 77 | 249879 | 40.753 | ng | | 95 |
| 25) Isophorone | 7.65 | 82 | 447282 | 36.613 | ng | | 99 |
| 26) 2-Nitrophenol | 7.73 | 139 | 116213 | 50.979 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 196927 | 42.774 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93 | 268625 | 35.982 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.97 | 162 | 182809 | 41.318 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 178448 | 37.185 | ng | | 96 |
| 31) Naphthalene | 8.14 | 128 | 625138 | 38.198 | ng | | 99 |
| 32) Benzoic acid | 7.90 | 122 | 126076 | 48.499 | ng | | 98 |
| 33) 4-Chloroaniline | 8.19 | 127 | 185587 | 24.912 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 98505 | 37.646 | ng | | 97 |
| 35) Caprolactam | 8.55 | 113 | 36383 | 21.973 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.67 | 107 | 211576 | 41.606 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.83 | 142 | 435432 | 39.989 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.93 | 142 | 406793 | 39.575 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 169199 | 39.755 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116922.D
Acq On : 10 Sep 2019 15:40
Operator : HP/JU
Sample : PB122853BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 10 17:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.99 | 237 | 129715 | 52.778 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.10 | 196 | 122175 | 41.876 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.15 | 196 | 134462 | 44.393 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.29 | 154 | 517298 | 38.397 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.32 | 162 | 399915 | 37.478 | ng | | 99 |
| 48) 2-Nitroaniline | 9.41 | 65 | 130291 | 42.235 | ng | | 98 |
| 49) Acenaphthylene | 9.73 | 152 | 634608 | 39.344 | ng | | 99 |
| 50) Dimethylphthalate | 9.59 | 163 | 468458 | 38.218 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.65 | 165 | 104840 | 44.829 | ng | | 95 |
| 52) Acenaphthene | 9.90 | 154 | 374810 | 37.819 | ng | | 100 |
| 53) 3-Nitroaniline | 9.82 | 138 | 90253 | 30.795 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 9.93 | 184 | 90621 | 105.905 | ng | | 97 |
| 55) Dibenzofuran | 10.07 | 168 | 554297 | 39.674 | ng | | 96 |
| 56) 4-Nitrophenol | 9.99 | 139 | 177624 | 88.388 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 10.06 | 165 | 140983 | 49.301 | ng | | 98 |
| 58) Fluorene | 10.42 | 166 | 448043 | 42.087 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.19 | 232 | 102980 | 47.109 | ng | | 96 |
| 60) Diethylphthalate | 10.29 | 149 | 479688 | 39.068 | ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204 | 192787 | 41.356 | ng | | 89 |
| 62) 4-Nitroaniline | 10.43 | 138 | 117302 | 41.242 | ng | | 96 |
| 63) Azobenzene | 10.57 | 77 | 496492 | 38.780 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198 | 61663 | 54.844 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.53 | 169 | 391895 | 37.960 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.90 | 248 | 112917 | 37.245 | ng | | 92 |
| 68) Hexachlorobenzene | 10.97 | 284 | 117610 | 37.078 | ng | | 97 |
| 69) Atrazine | 11.05 | 200 | 103943 | 35.948 | ng | | 99 |
| 70) Pentachlorophenol | 11.16 | 266 | 136723 | 89.103 | ng | | 99 |
| 71) Phenanthrene | 11.38 | 178 | 630595 | 37.958 | ng | | 99 |
| 72) Anthracene | 11.43 | 178 | 649986 | 38.867 | ng | | 99 |
| 73) Carbazole | 11.58 | 167 | 616924 | 38.727 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.91 | 149 | 761854 | 37.306 | ng | | 100 |
| 75) Fluoranthene | 12.56 | 202 | 637855 | 39.069 | ng | | 99 |
| 77) Benzidine | 12.68 | 184 | 109594 | 13.638 | ng | | 99 |
| 78) Pyrene | 12.79 | 202 | 650703 | 35.728 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.40 | 149 | 306918 | 34.654 | ng | | 94 |
| 81) Benzo(a)anthracene | 13.97 | 228 | 494294 | 38.120 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.93 | 252 | 138345 | 31.571 | ng | | 97 |
| 83) Chrysene | 14.02 | 228 | 476320 | 35.655 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 413052 | 37.781 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.57 | 149 | 649105 | 36.280 | ng | # | 94 |
| 86) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 347035 | 32.342 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 383843 | 47.951 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.04 | 252 | 373627 | 51.191 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.37 | 252 | 348682 | 50.067 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.89 | 278 | 288226 | 47.282 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.32 | 276 | 290865 | 46.785 | ng | | 99 |

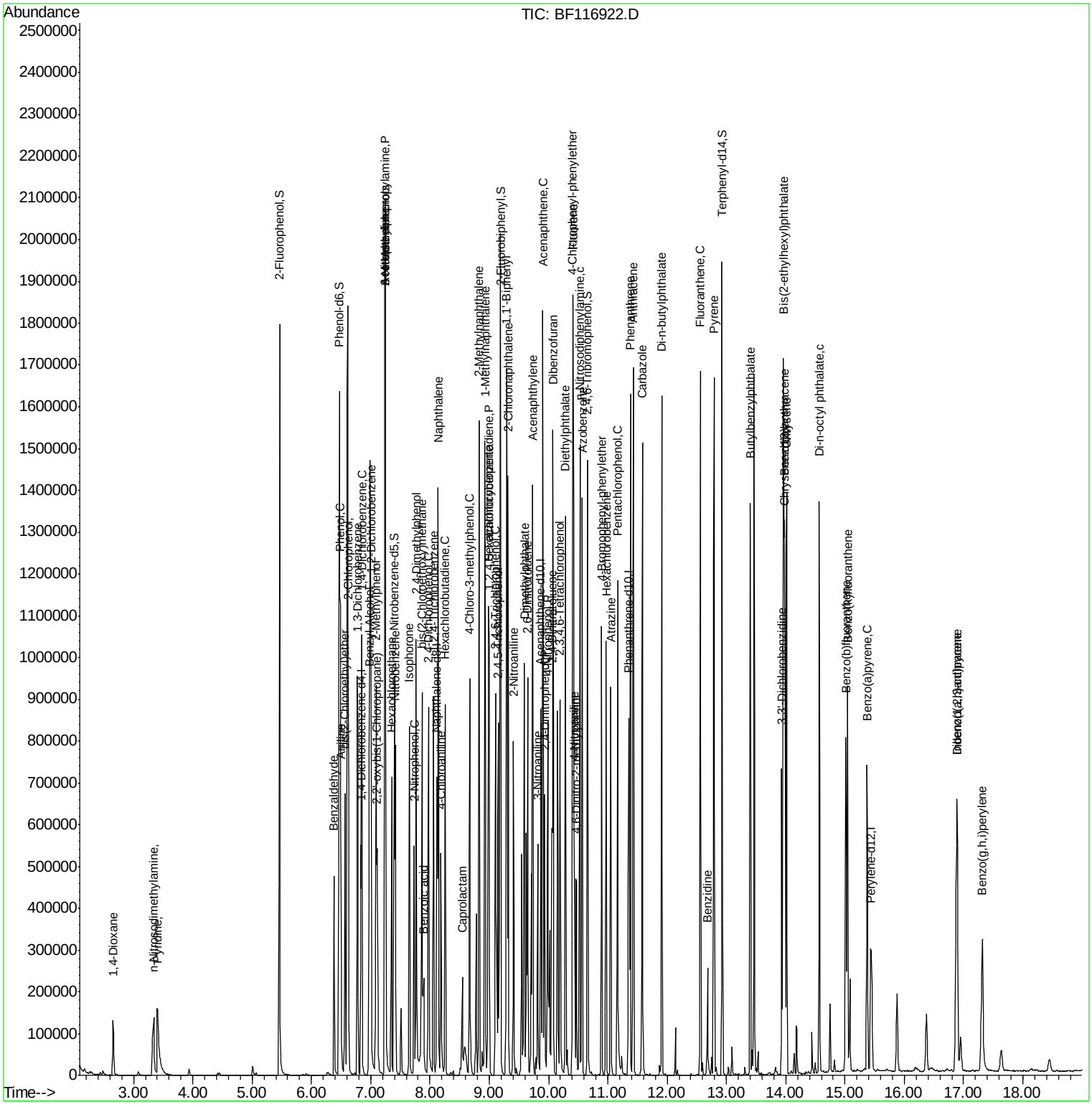
(#) = qualifier out of range (m) = manual integration (+) = signals summed

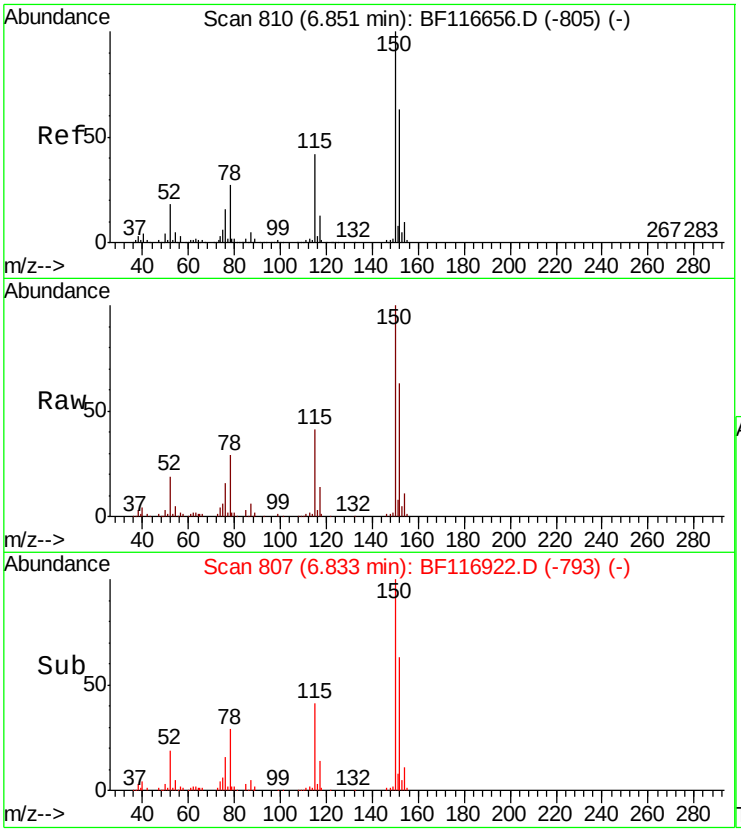
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116922.D
Acq On : 10 Sep 2019 15:40
Operator : HP/JU
Sample : PB122853BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 10 17:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



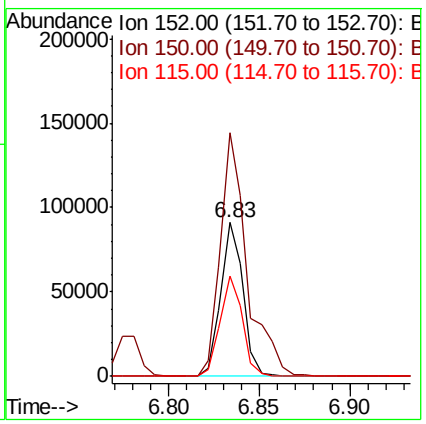


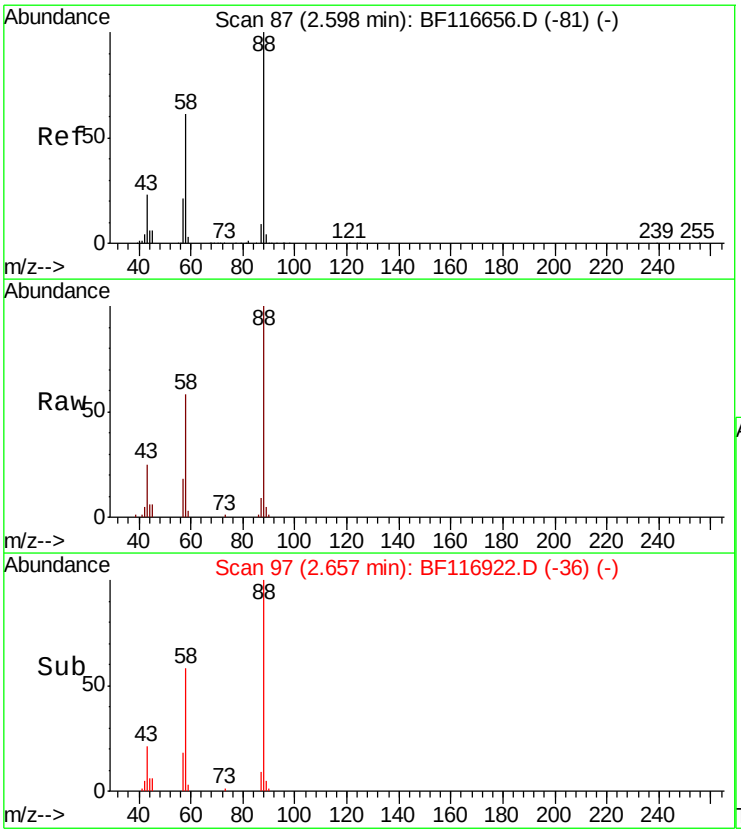

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:152 Resp: 77931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 124.4 | 186.6 |
| 115 | 65.3 | 49.9 | 74.9 |

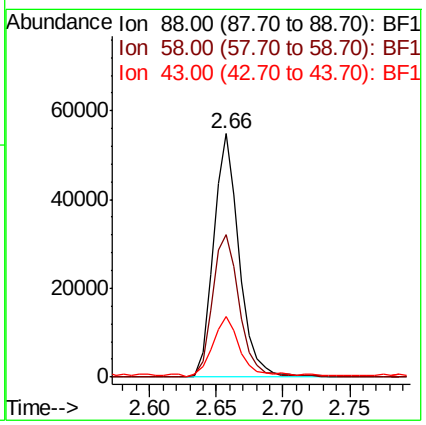


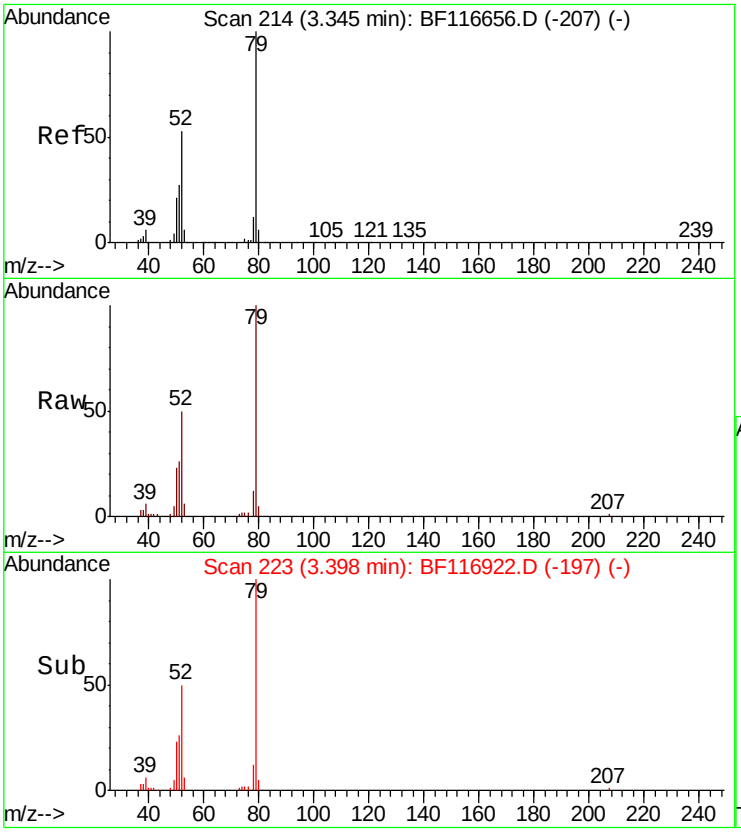




#2
1,4-Dioxane
Concen: 33.103 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.06 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 88 Resp: 73508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 62.2 | 51.7 | 77.5 |
| 43 | 27.3 | 19.8 | 29.8 |



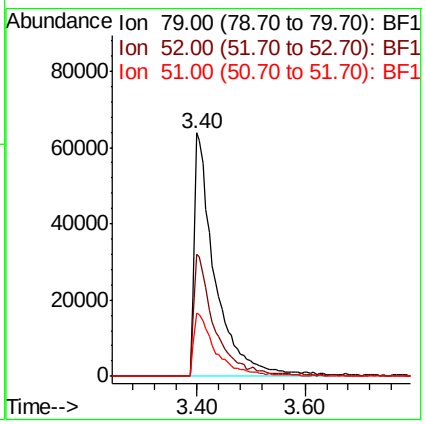


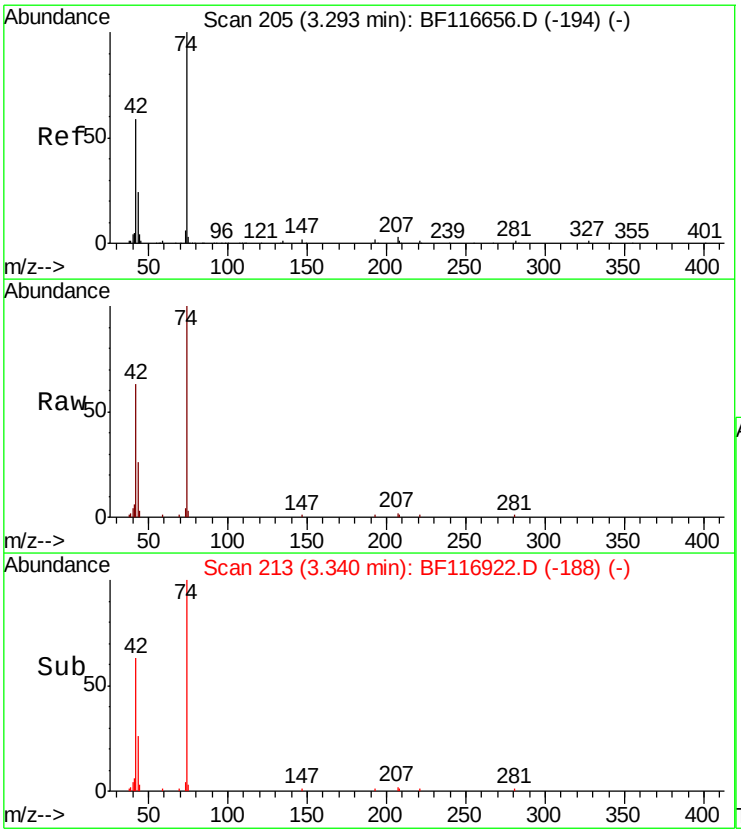

#3
Pyridine
Concen: 26.560 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.05 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 79 Resp: 170768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 50.0 | 47.4 | 71.0 |
| 51 | 26.2 | 24.1 | 36.1 |

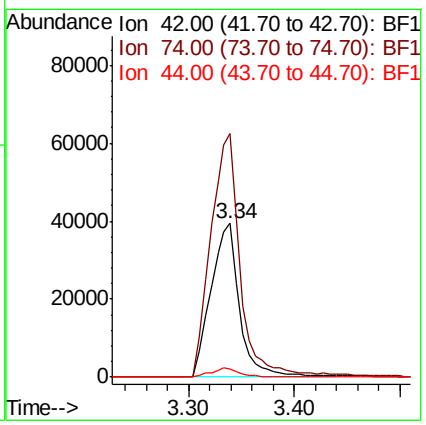


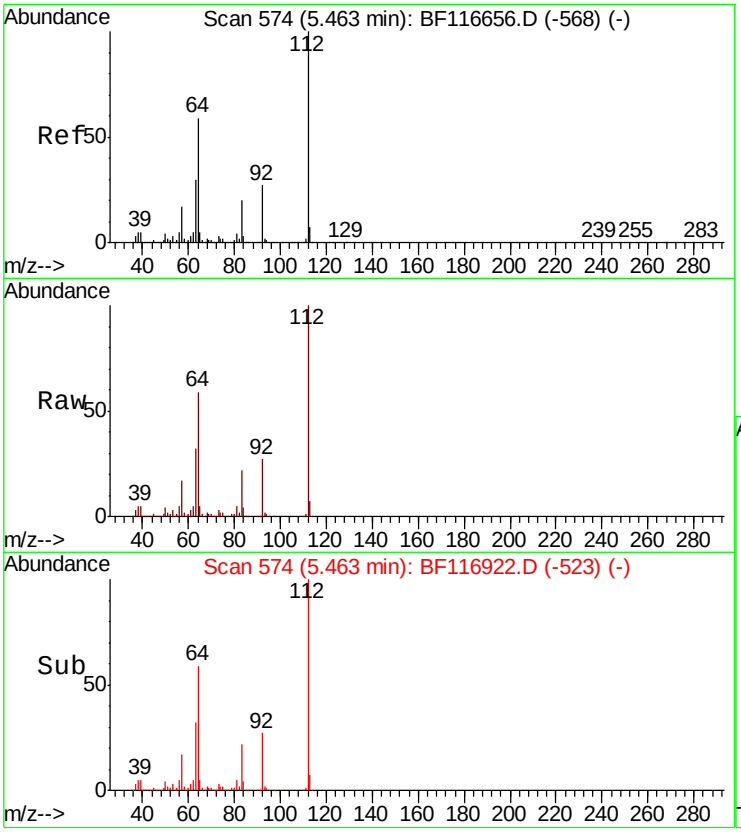




#4
n-Nitrosodimethylamine
Concen: 33.715 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.05 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 42 Resp: 74436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 158.4 | 115.6 | 173.4 |
| 44 | 5.4 | 4.6 | 7.0 |



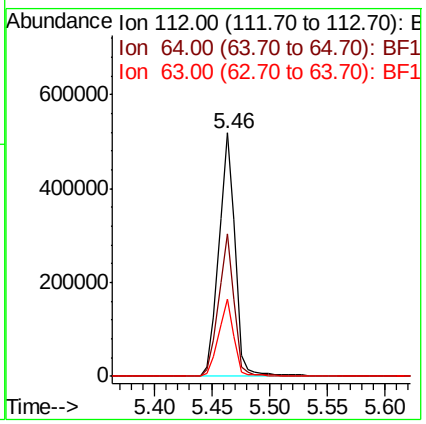


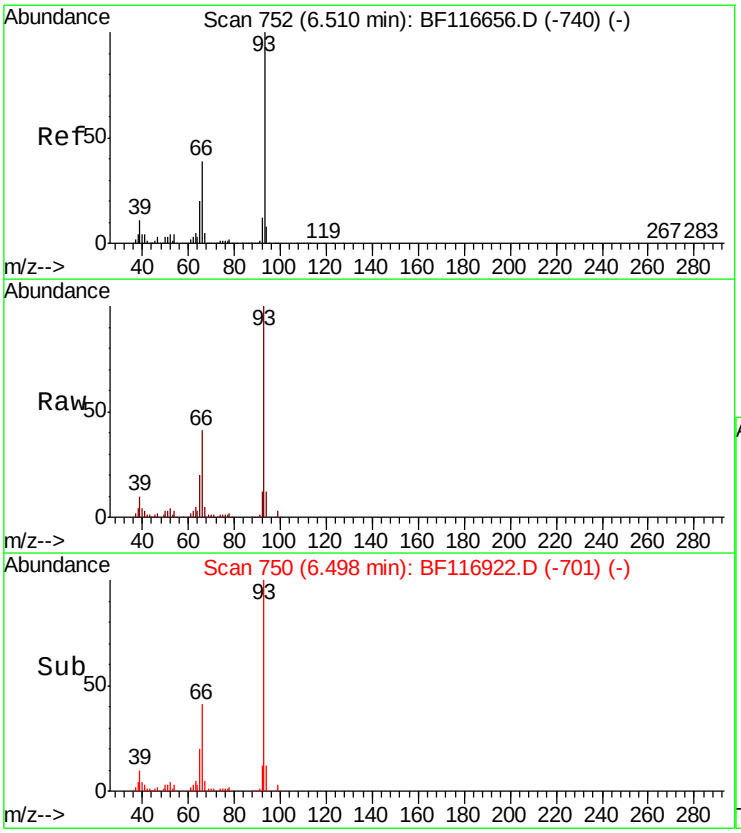

#5
2-Fluorophenol
Concen: 105.626 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:112 Resp: 508101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.6 | 47.1 | 70.7 |
| 63 | 31.7 | 24.9 | 37.3 |

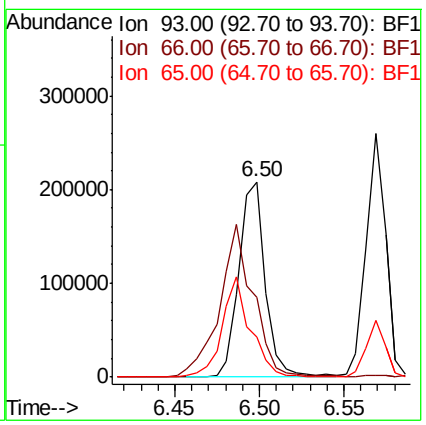


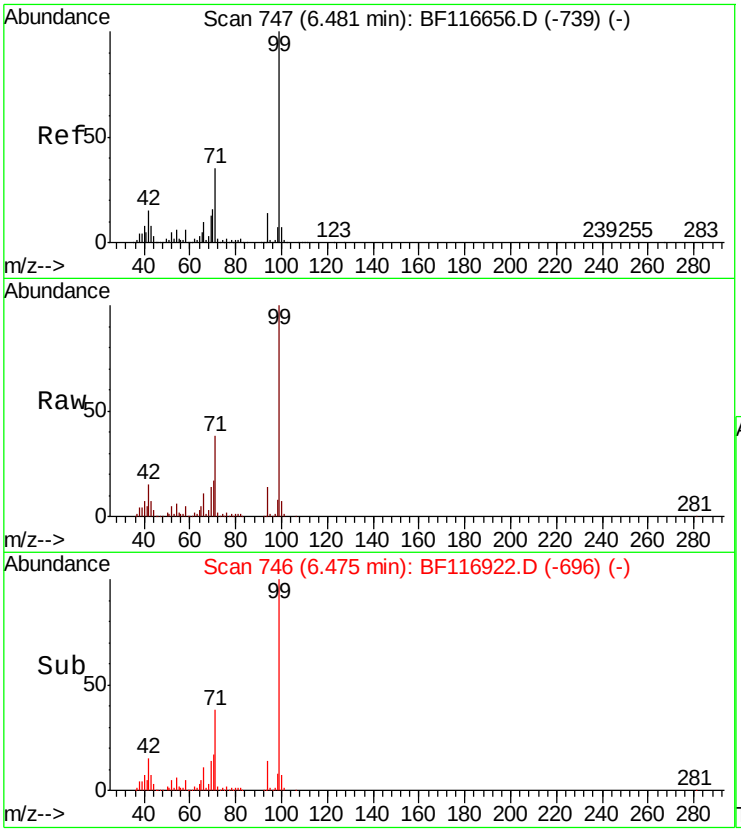




#6
Aniline
Concen: 26.071 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 93 Resp: 228083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.6 | 32.7 | 49.1 |
| 65 | 20.4 | 16.3 | 24.5 |



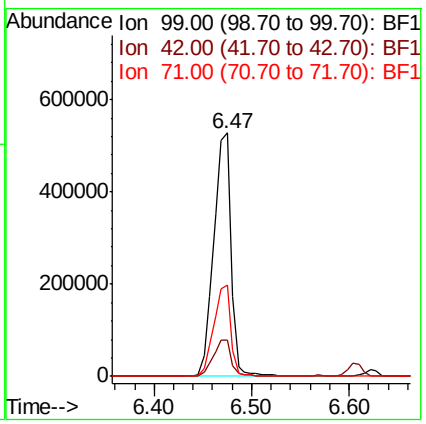


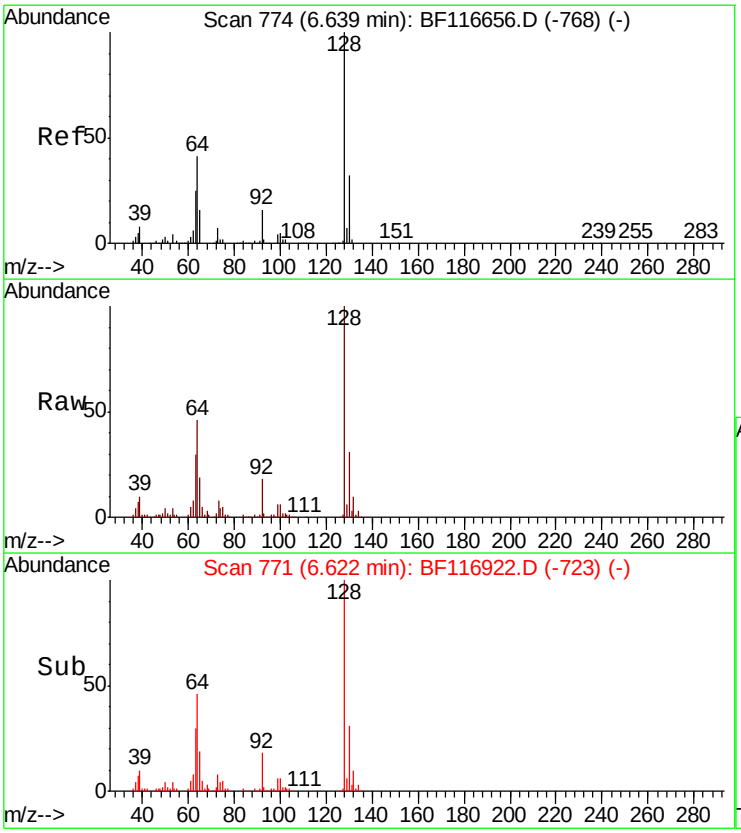

#7
Phenol-d6
Concen: 103.573 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 99 Resp: 654228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.0 | 13.7 | 20.5 |
| 71 | 37.7 | 30.8 | 46.2 |

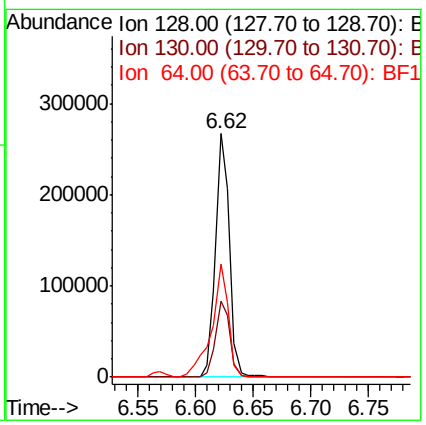


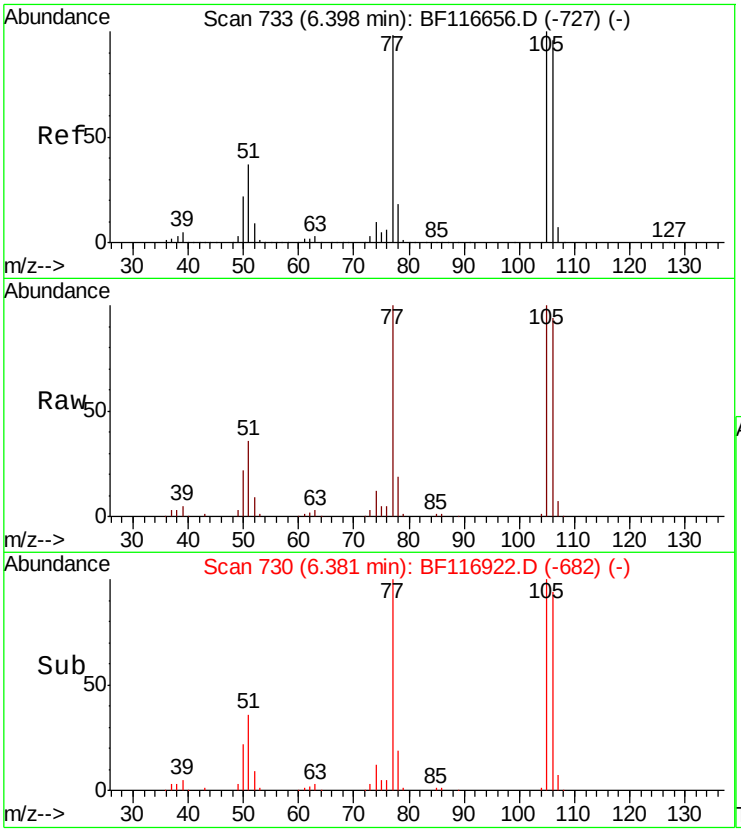




#8
2-Chlorophenol
Concen: 42.789 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:128 Resp: 224693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 12.3 | 52.3 |
| 64 | 46.4 | 22.5 | 62.5 |



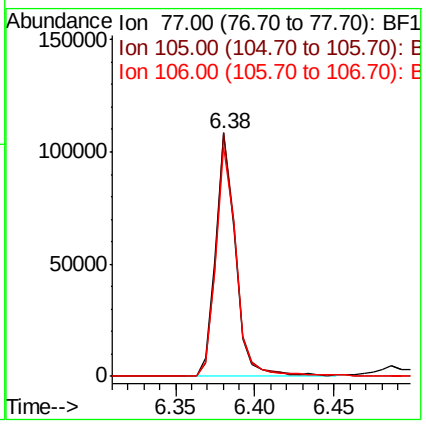


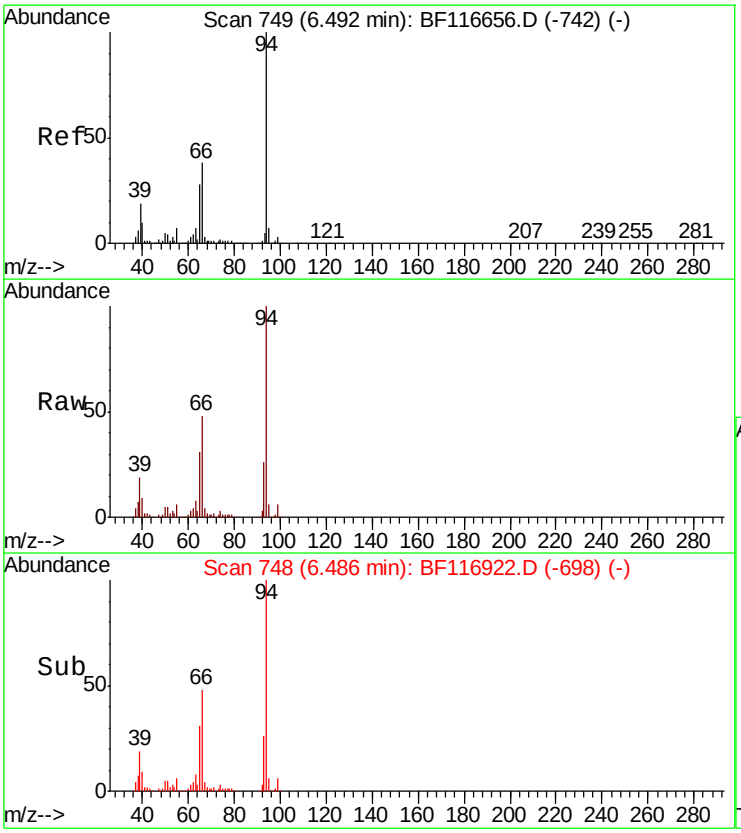

#9
Benzaldehyde
Concen: 22.803 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 77 Resp: 94893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.0 | 76.7 | 116.7 |
| 106 | 94.4 | 73.1 | 113.1 |

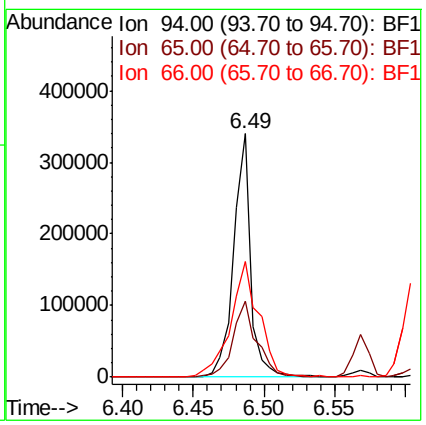


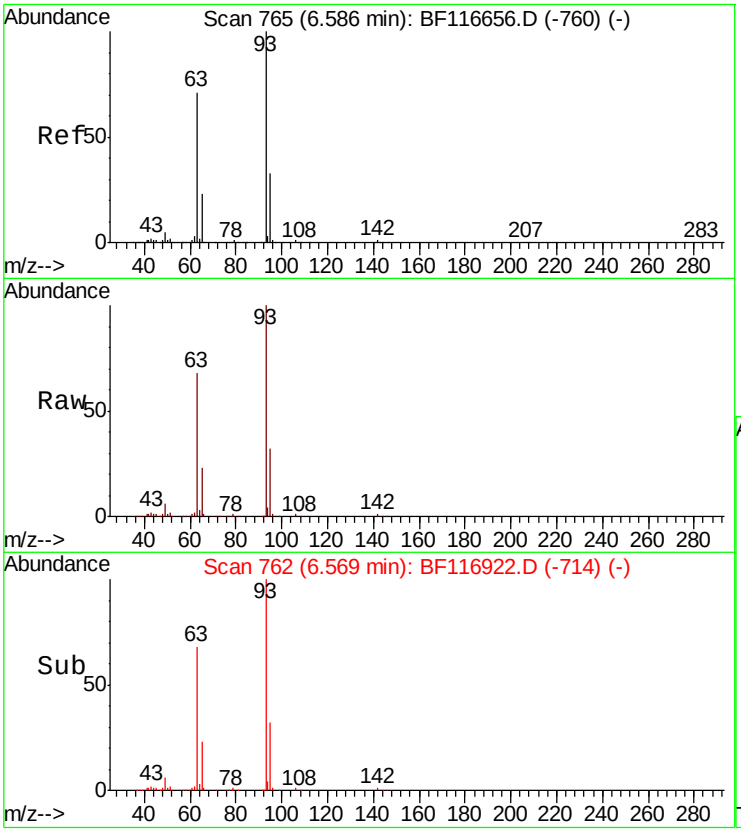




#10
Phenol
Concen: 41.035 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 94 Resp: 287018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.4 | 10.8 | 50.8 |
| 66 | 47.7 | 21.1 | 61.1 |



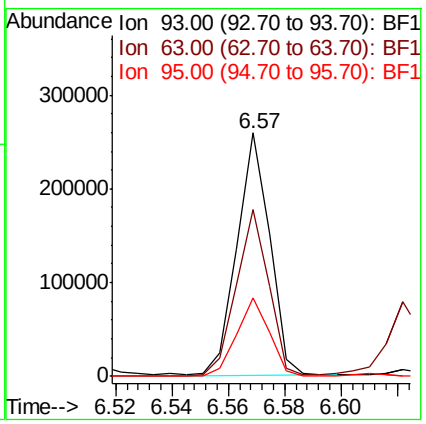


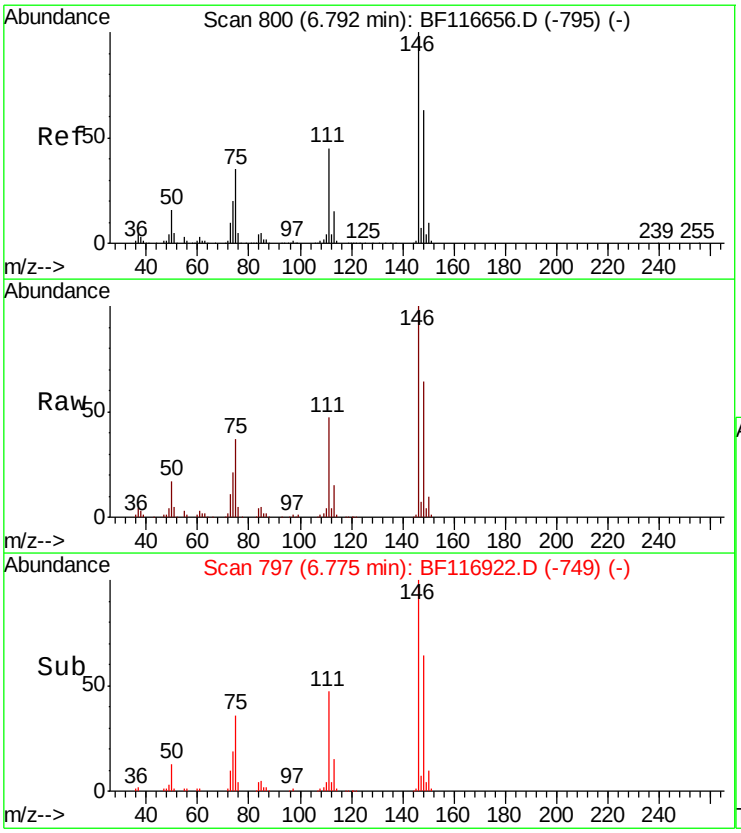

#11
bis(2-Chloroethyl)ether
Concen: 38.171 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 93 Resp: 207889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.4 | 49.9 | 89.9 |
| 95 | 32.0 | 12.7 | 52.7 |

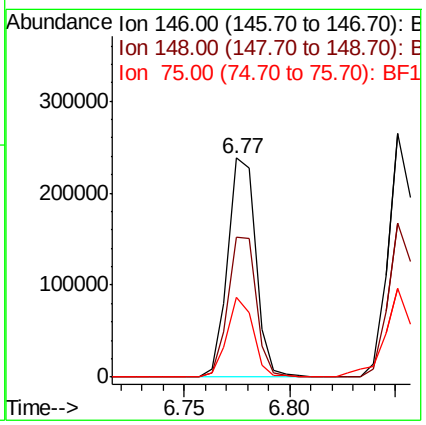


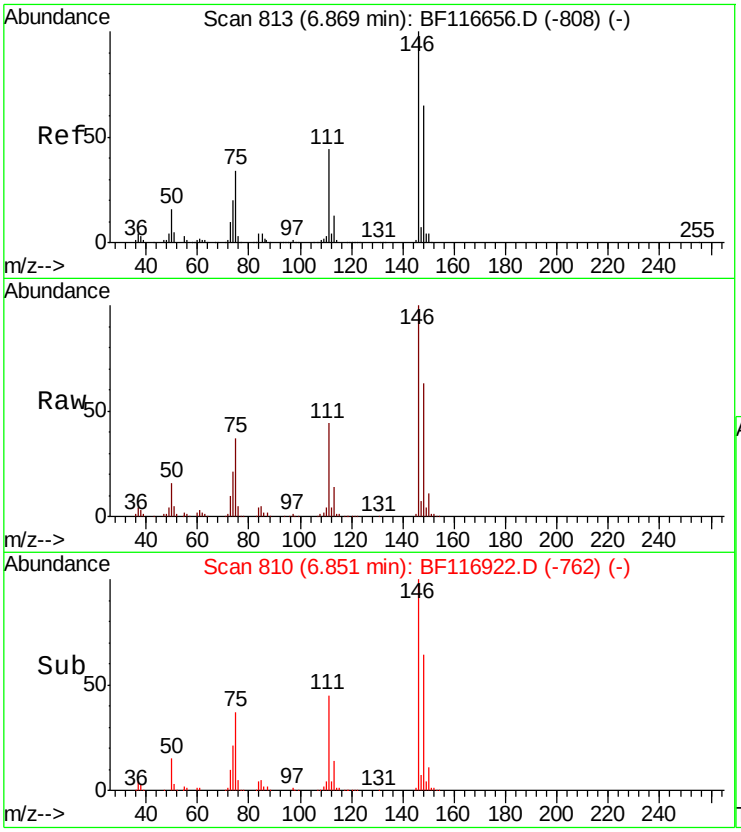




#12
1,3-Dichlorobenzene
Concen: 36.871 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:146 Resp: 218826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.4 | 77.0 |
| 75 | 36.7 | 29.6 | 44.4 |



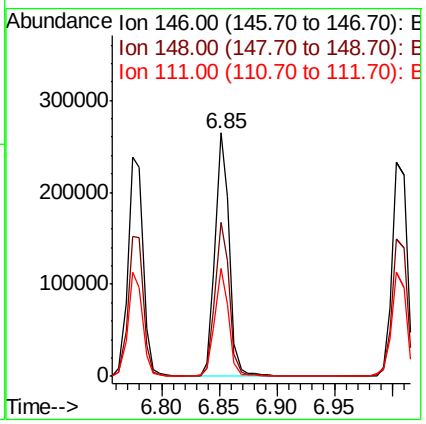


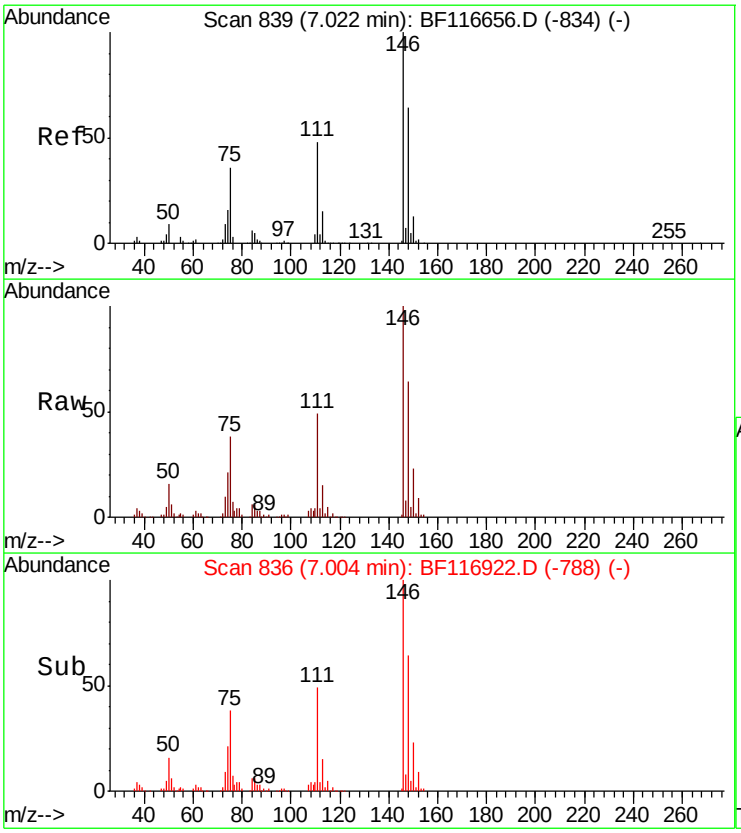

#13
1,4-Dichlorobenzene
Concen: 38.468 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:146 Resp: 227295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.4 | 77.2 |
| 111 | 44.5 | 34.8 | 52.2 |

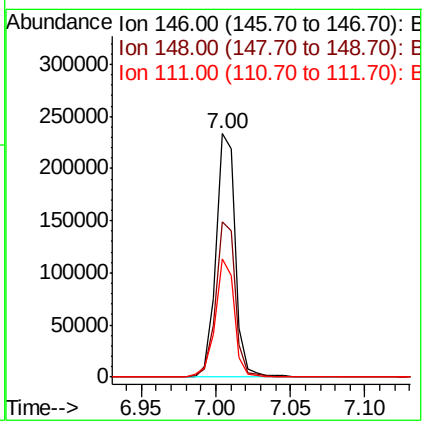


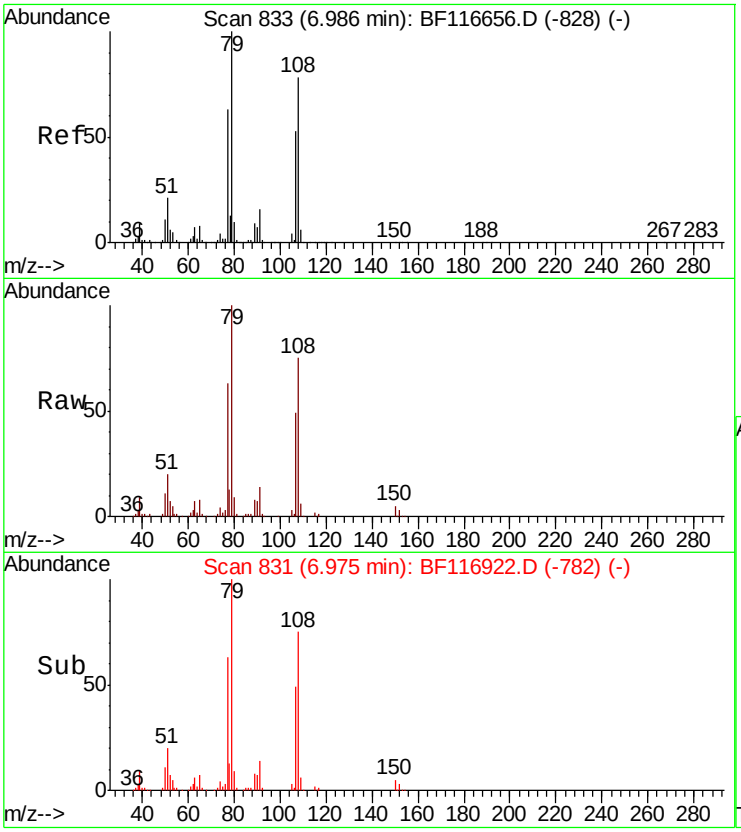




#14
1,2-Dichlorobenzene
Concen: 38.918 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:146 Resp: 213107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 52.6 | 78.8 |
| 111 | 48.5 | 34.2 | 51.4 |



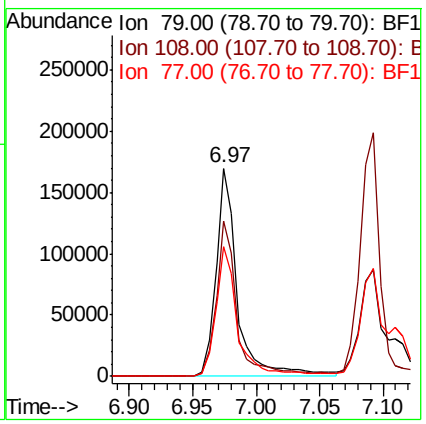


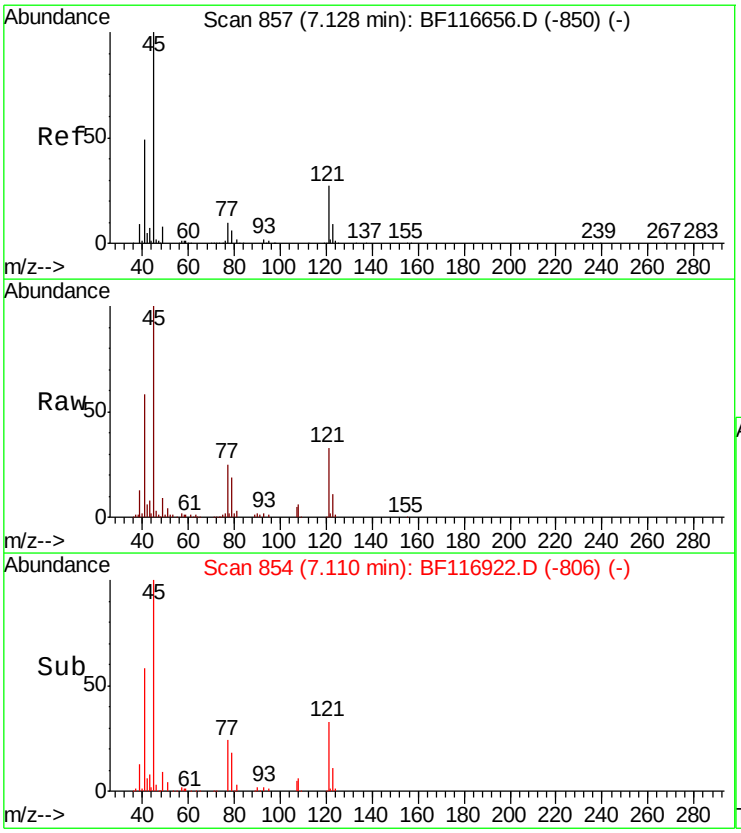

#15
Benzyl Alcohol
Concen: 39.145 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 79 Resp: 200709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.9 | 59.2 | 88.8 |
| 77 | 62.6 | 53.0 | 79.4 |

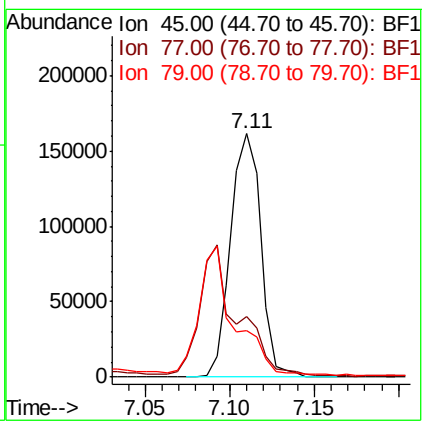


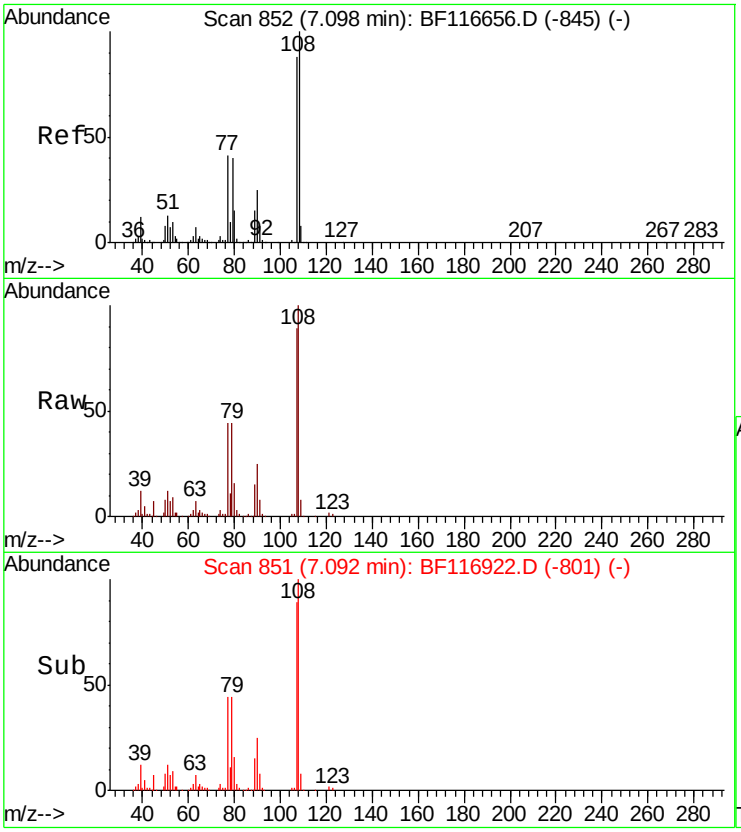




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.523 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 45 Resp: 201427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 24.7 | 0.0 | 38.2 |
| 79 | 19.0 | 0.0 | 33.9 |



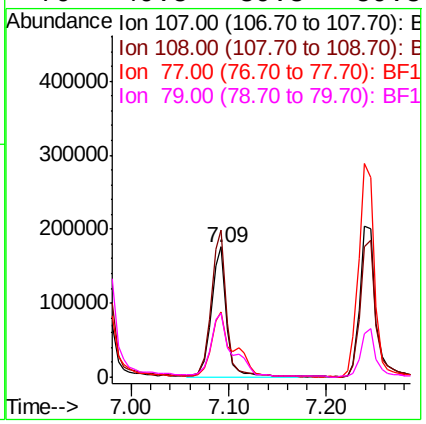


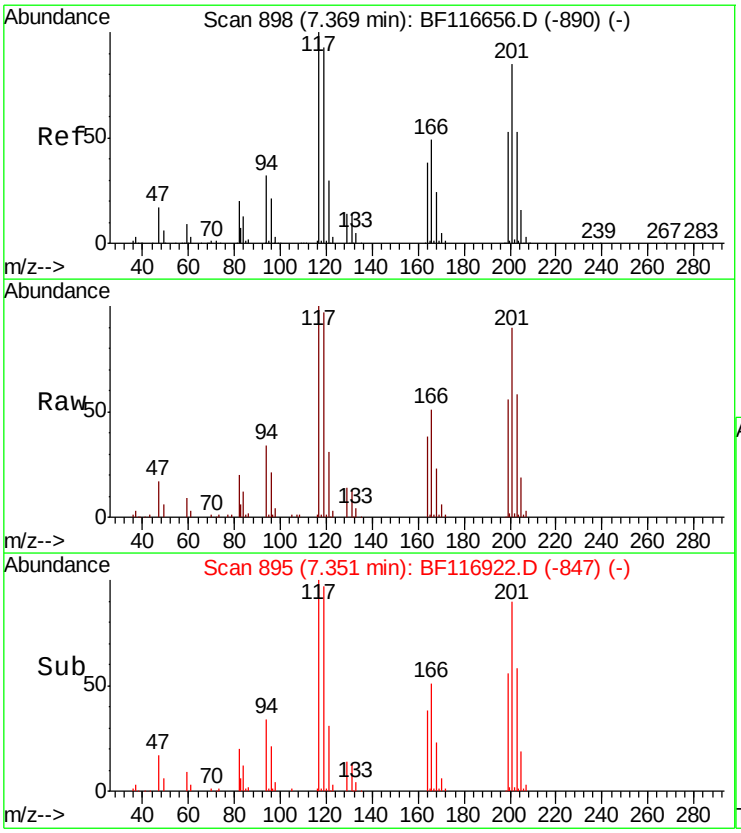

#17
2-Methylphenol
Concen: 41.641 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:107 Resp: 191422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.7 | 88.3 | 132.5 |
| 77 | 49.8 | 39.9 | 59.9 |
| 79 | 49.5 | 39.8 | 59.8 |

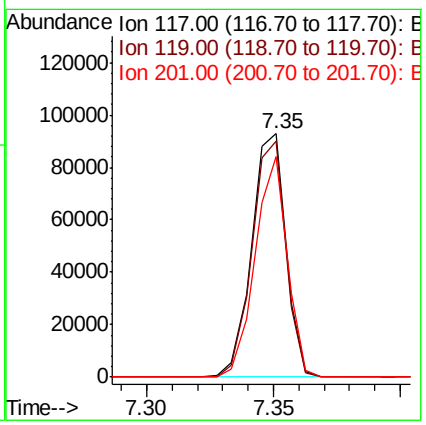


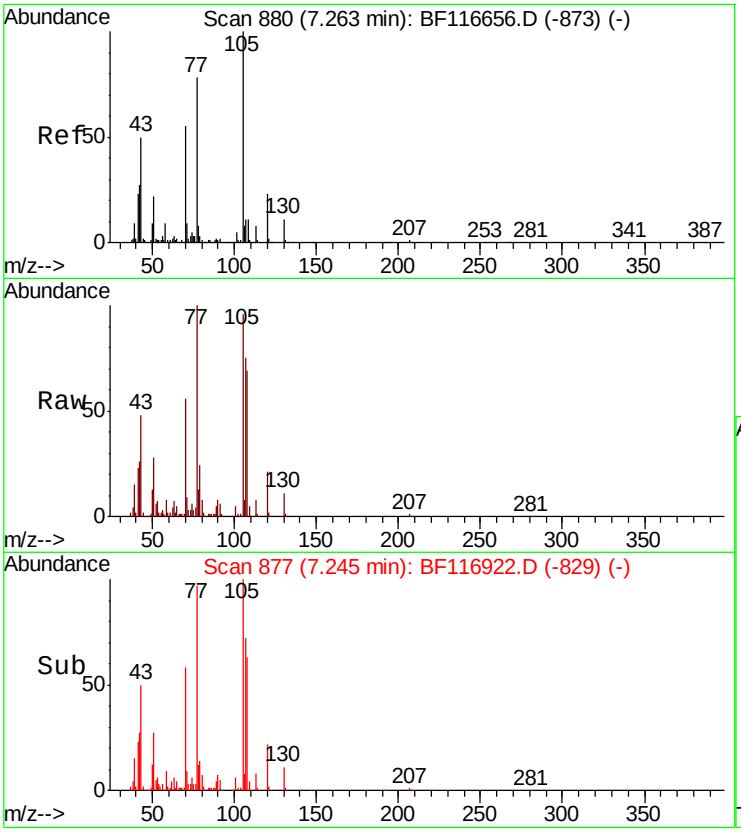




#18
Hexachloroethane
Concen: 38.128 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:117 Resp: 87529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.8 | 76.9 | 115.3 |
| 201 | 90.5 | 79.4 | 119.0 |



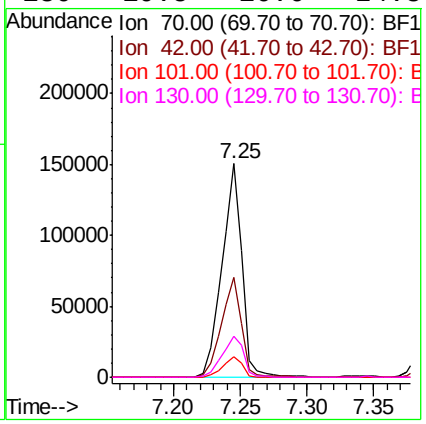


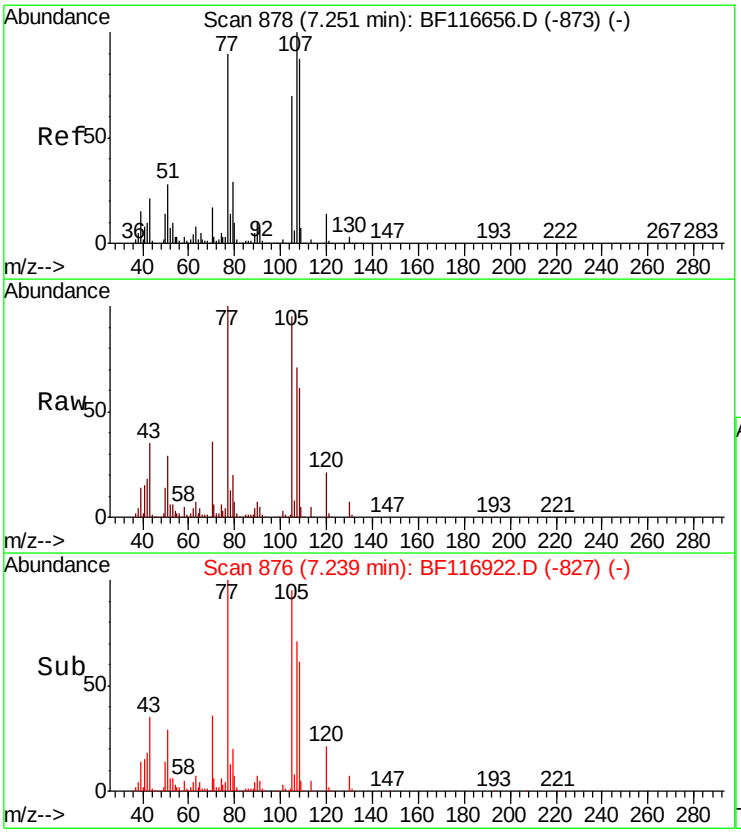

#19
n-Nitroso-di-n-propylamine
Concen: 38.365 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 70 Resp: 159563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.5 | 43.5 | 65.3 |
| 101 | 9.6 | 7.8 | 11.6 |
| 130 | 19.5 | 16.6 | 24.8 |

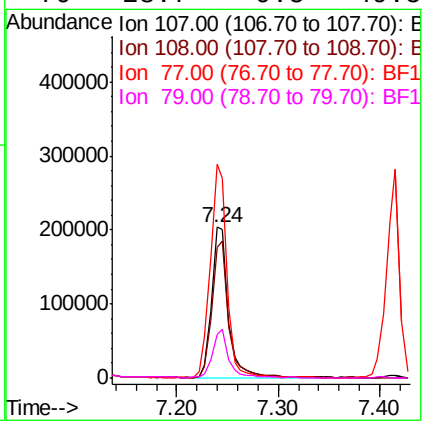


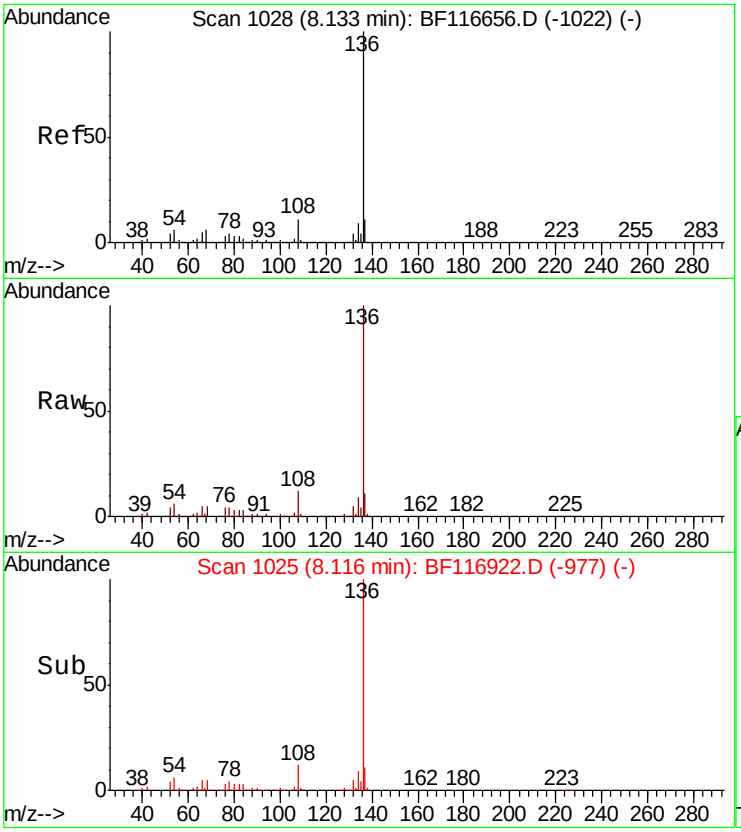




#20
3+4-Methylphenols
Concen: 44.013 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:107 Resp: 235247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.9 | 65.5 | 105.5 |
| 77 | 141.6 | 69.4 | 109.4# |
| 79 | 28.7 | 9.5 | 49.5 |



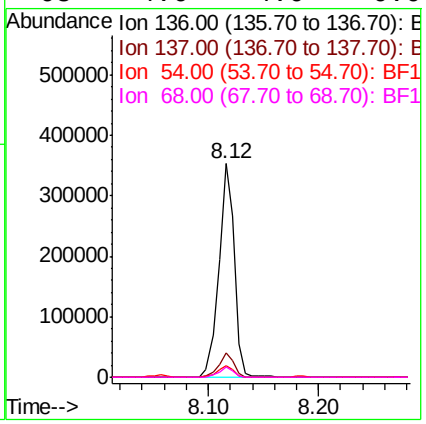


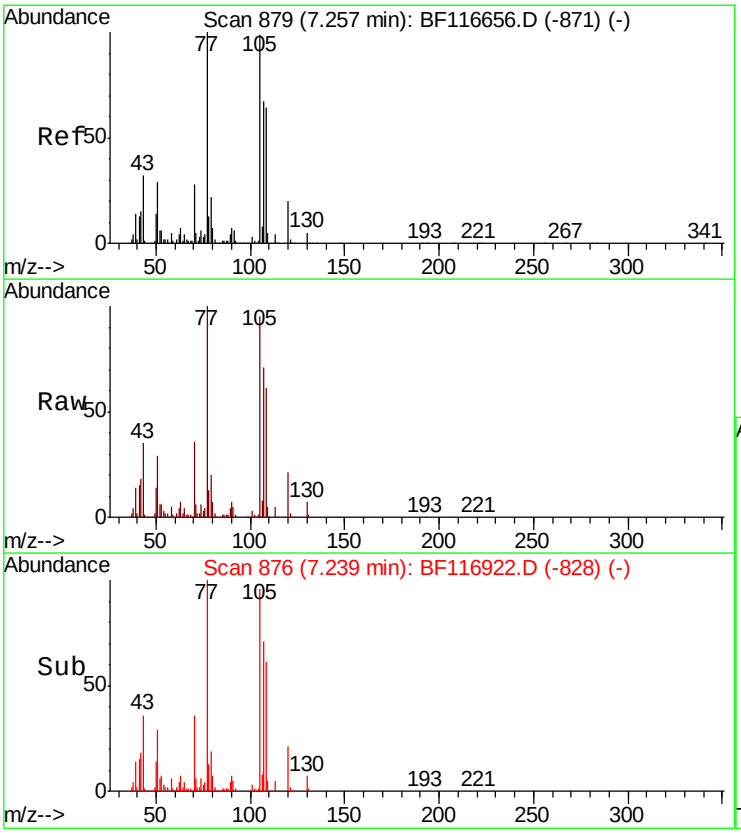

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:136 Resp: 344170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.9 | 13.3 |
| 54 | 5.6 | 4.8 | 7.2 |
| 68 | 4.6 | 4.0 | 6.0 |

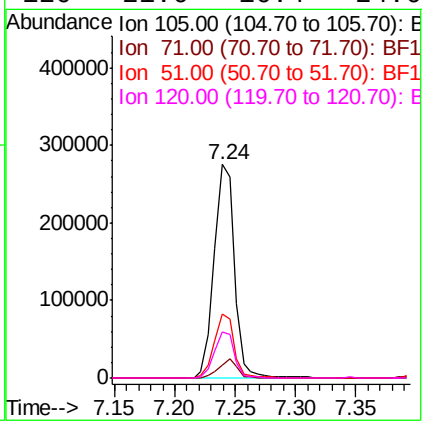


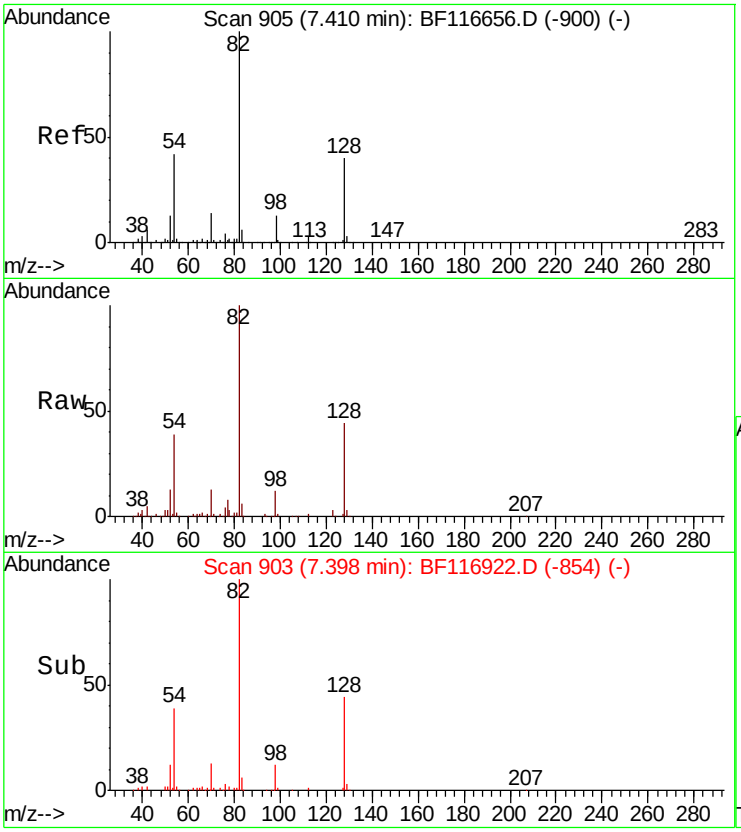




#22
Acetophenone
Concen: 38.637 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:105 Resp: 320143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.3 | 4.2 | 6.4 |
| 51 | 30.0 | 25.8 | 38.8 |
| 120 | 21.6 | 16.4 | 24.6 |



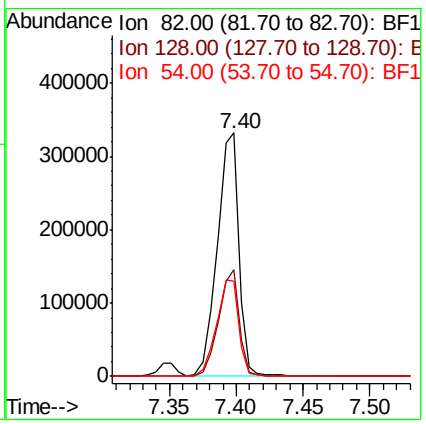


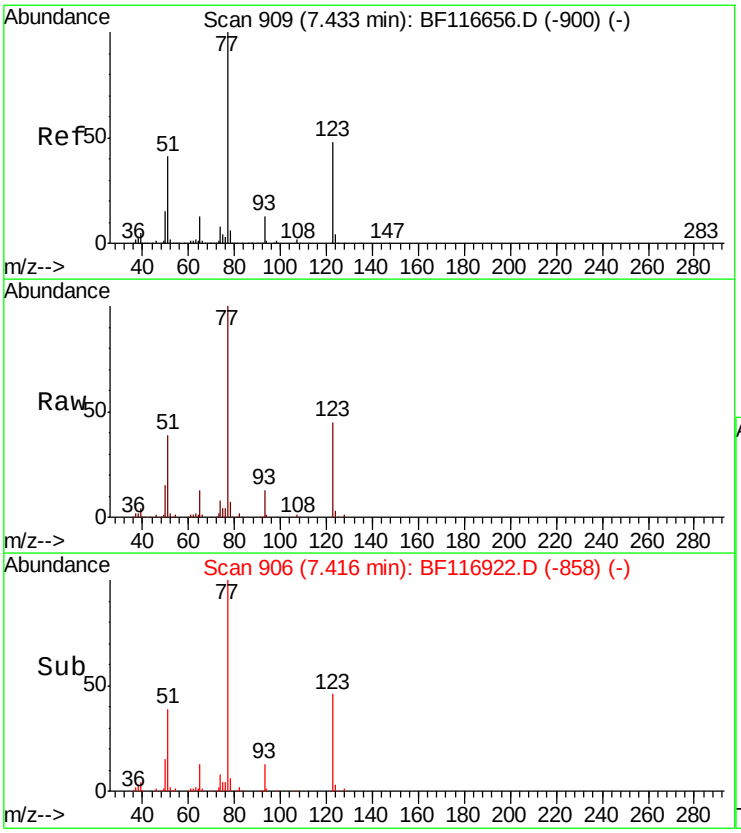

#23
Nitrobenzene-d5
Concen: 63.129 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 82 Resp: 380597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.8 | 32.8 | 49.2 |
| 54 | 39.0 | 36.9 | 55.3 |

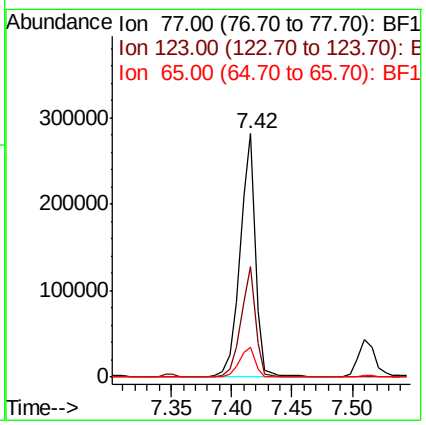


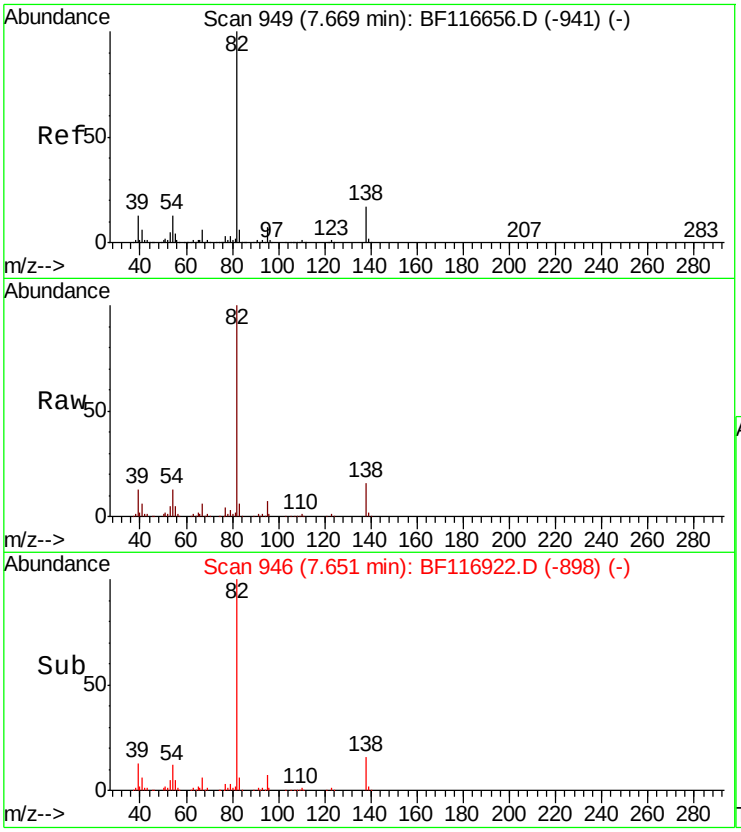




#24
Nitrobenzene
Concen: 40.753 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 77 Resp: 249879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.3 | 33.1 | 49.7 |
| 65 | 12.5 | 10.6 | 15.8 |



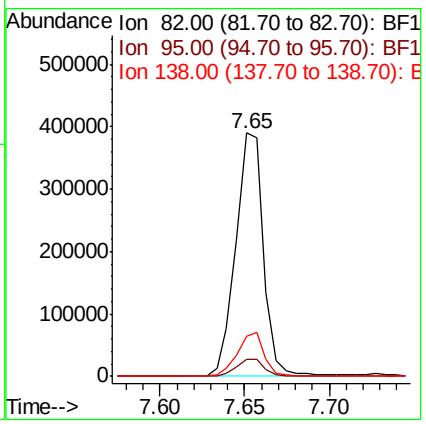


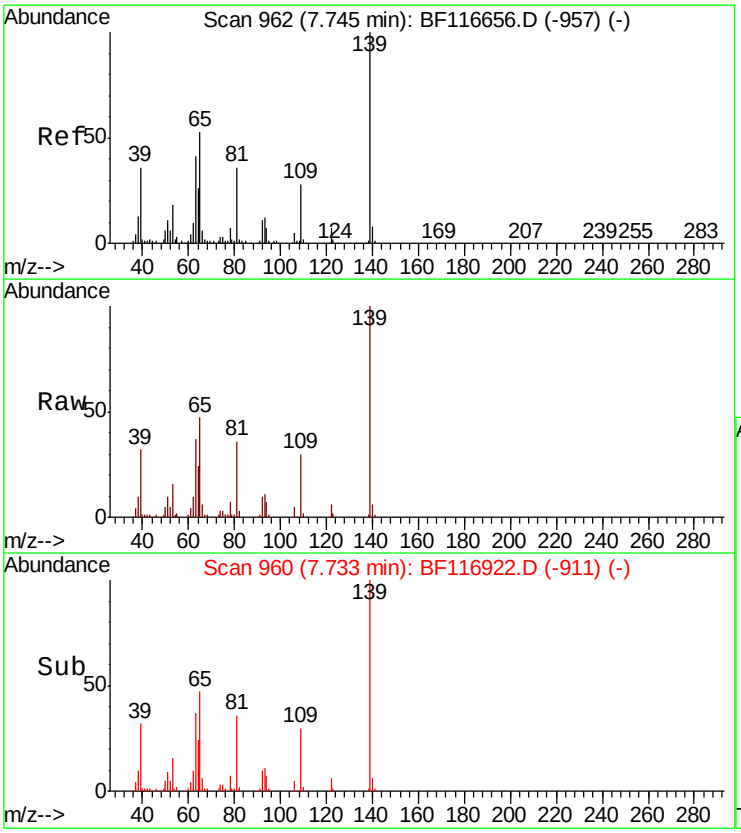

#25
Isophorone
Concen: 36.613 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 82 Resp: 447282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.8 | 8.6 |
| 138 | 16.3 | 13.5 | 20.3 |

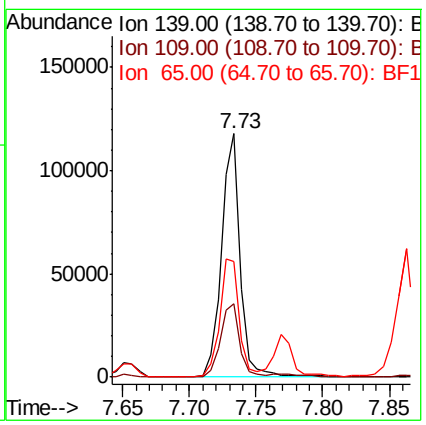


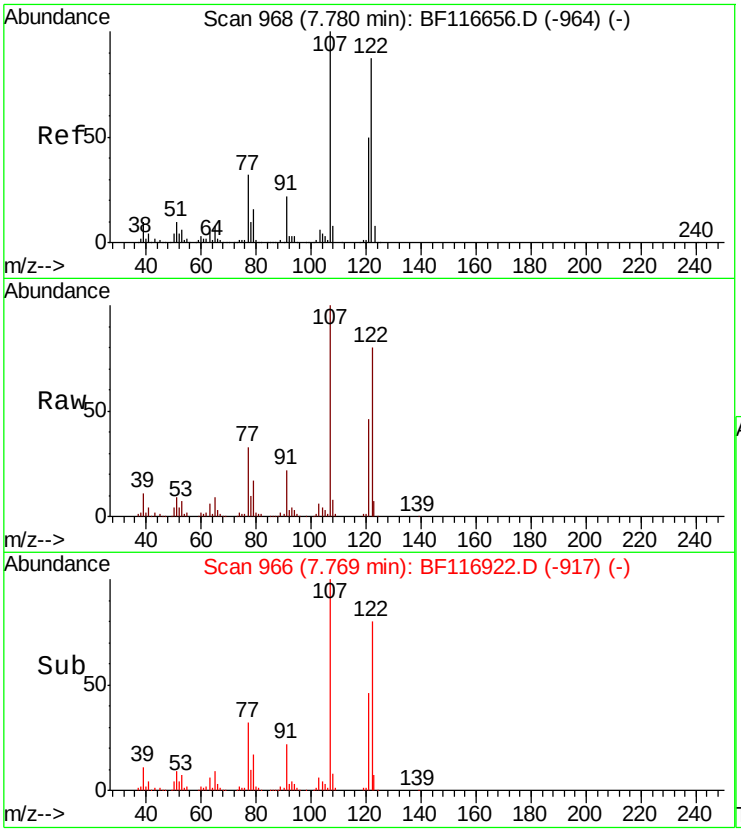




#26
2-Nitrophenol
Concen: 50.979 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:139 Resp: 116213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.2 | 27.1 | 40.7 |
| 65 | 47.3 | 43.0 | 64.6 |



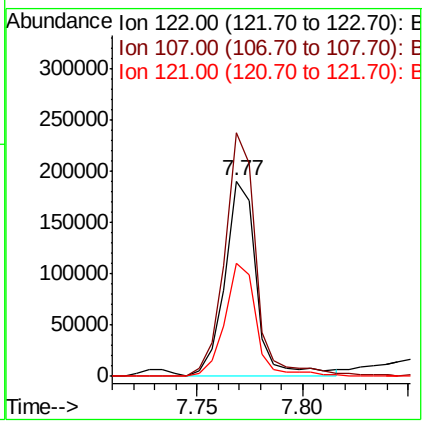


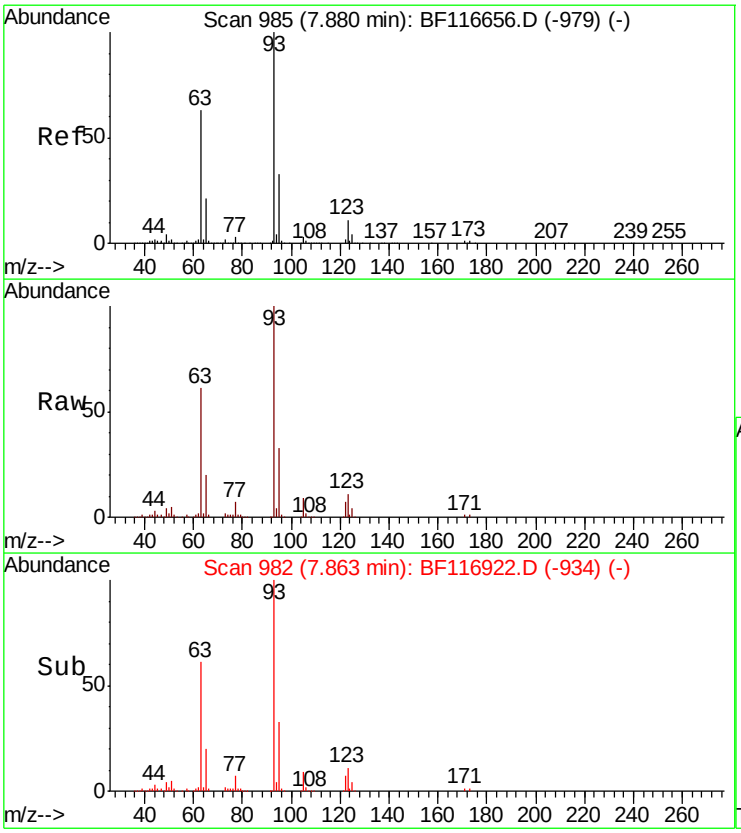

#27
2,4-Dimethylphenol
Concen: 42.774 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:122 Resp: 196927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 124.7 | 98.1 | 147.1 |
| 121 | 57.7 | 47.3 | 70.9 |

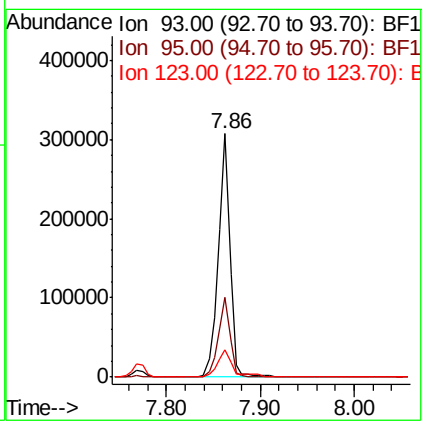


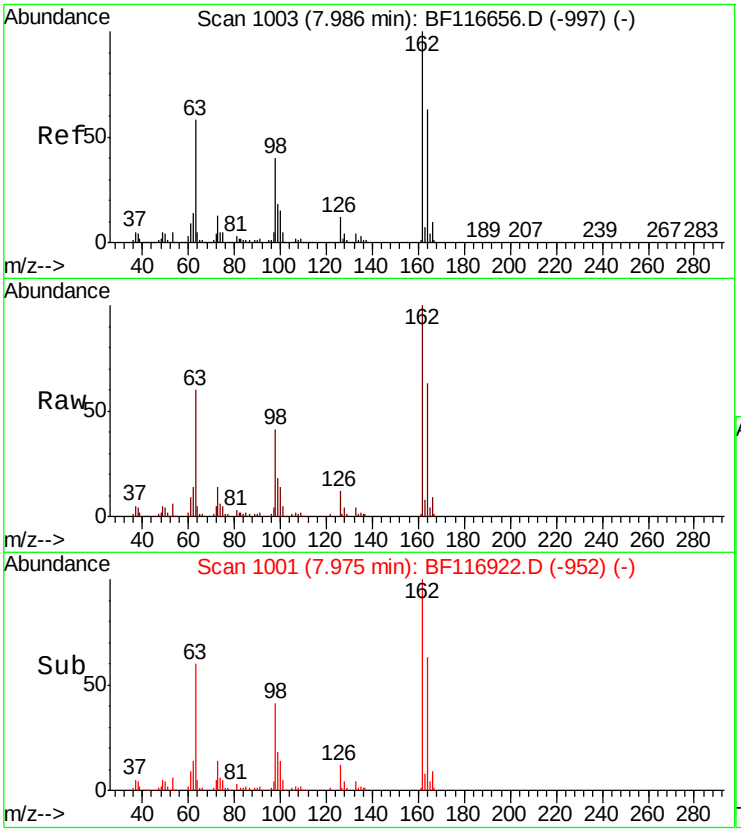




#28
bis(2-Chloroethoxy)methane
Concen: 35.982 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 93 Resp: 268625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.9 | 26.4 | 39.6 |
| 123 | 11.4 | 9.8 | 14.8 |



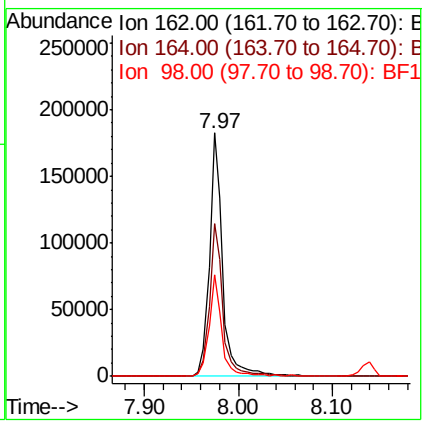


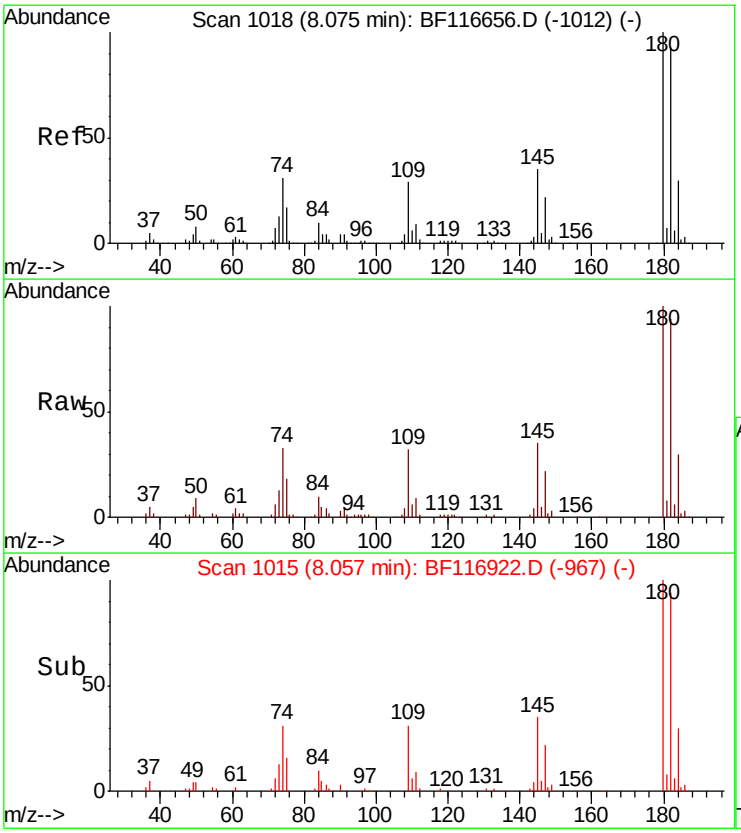

#29
2,4-Dichlorophenol
Concen: 41.318 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:162 Resp: 182809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.7 | 43.4 | 83.4 |
| 98 | 41.5 | 18.1 | 58.1 |

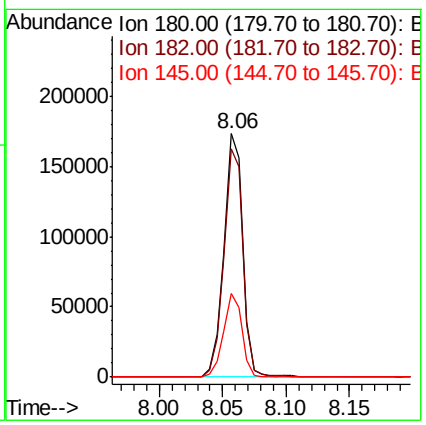


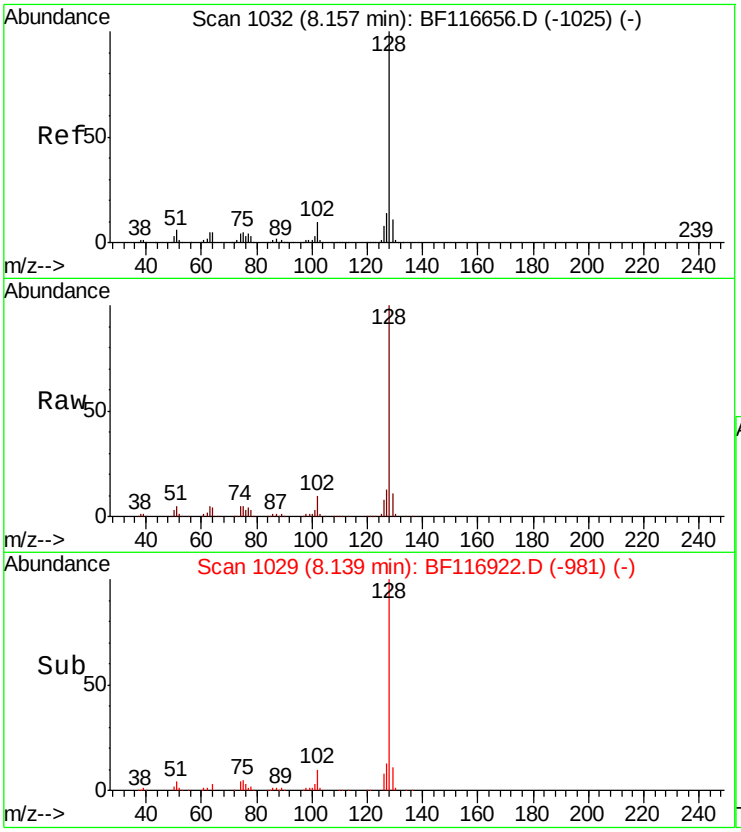




#30
1,2,4-Trichlorobenzene
Concen: 37.185 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:180 Resp: 178448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 78.6 | 118.0 |
| 145 | 34.5 | 25.7 | 38.5 |



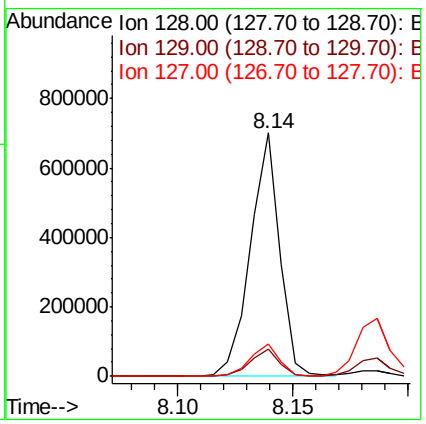


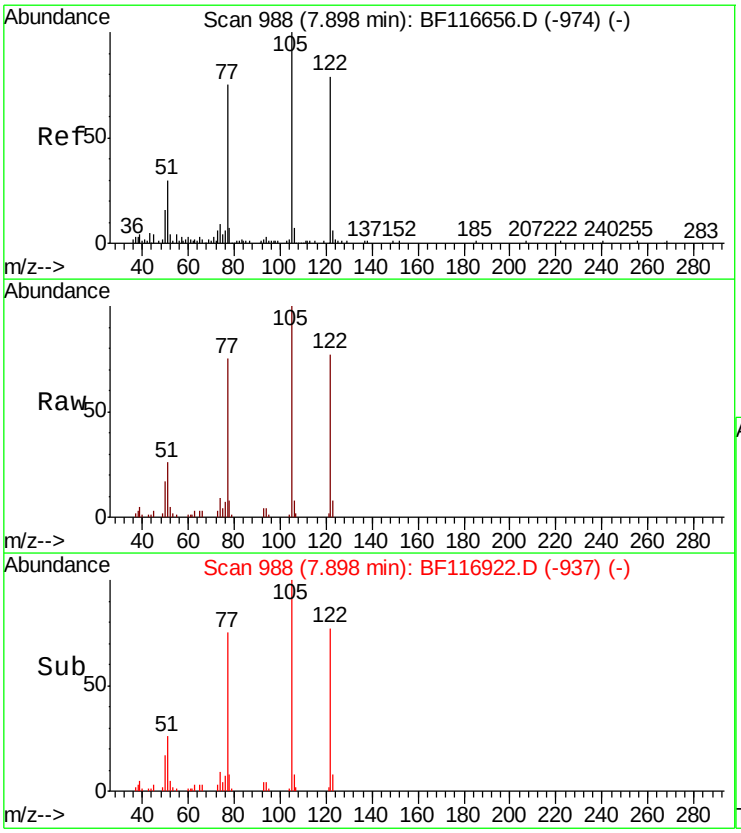

#31
Naphthalene
Concen: 38.198 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:128 Resp: 625138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.6 | 13.0 |
| 127 | 13.5 | 10.4 | 15.6 |

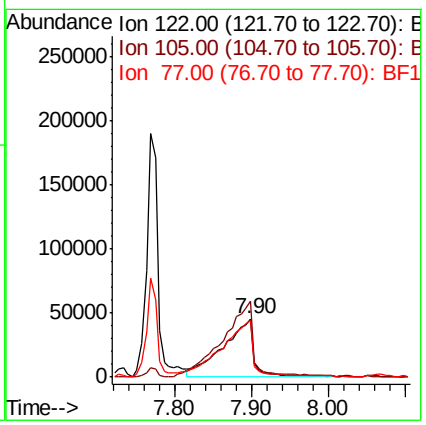


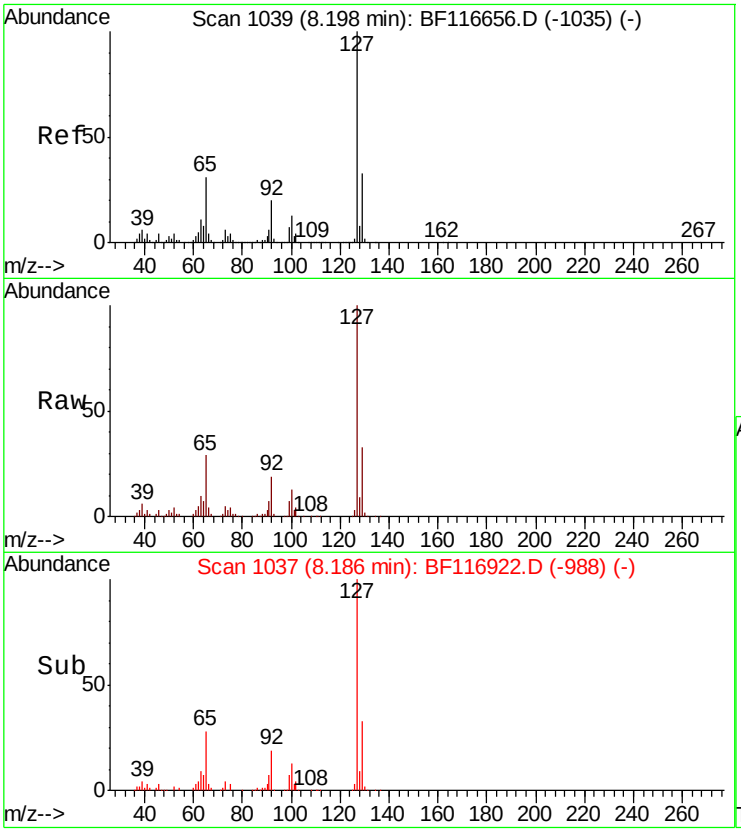




#32
Benzoic acid
Concen: 48.499 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:122 Resp: 126076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 130.1 | 110.0 | 150.0 |
| 77 | 98.1 | 81.7 | 121.7 |



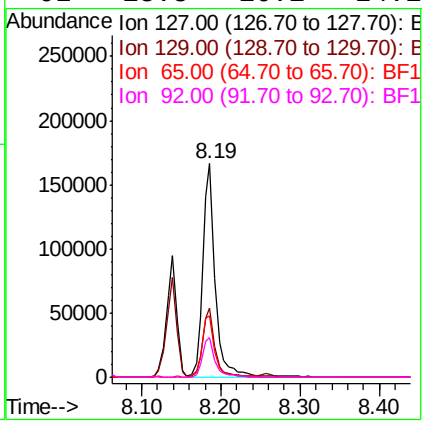


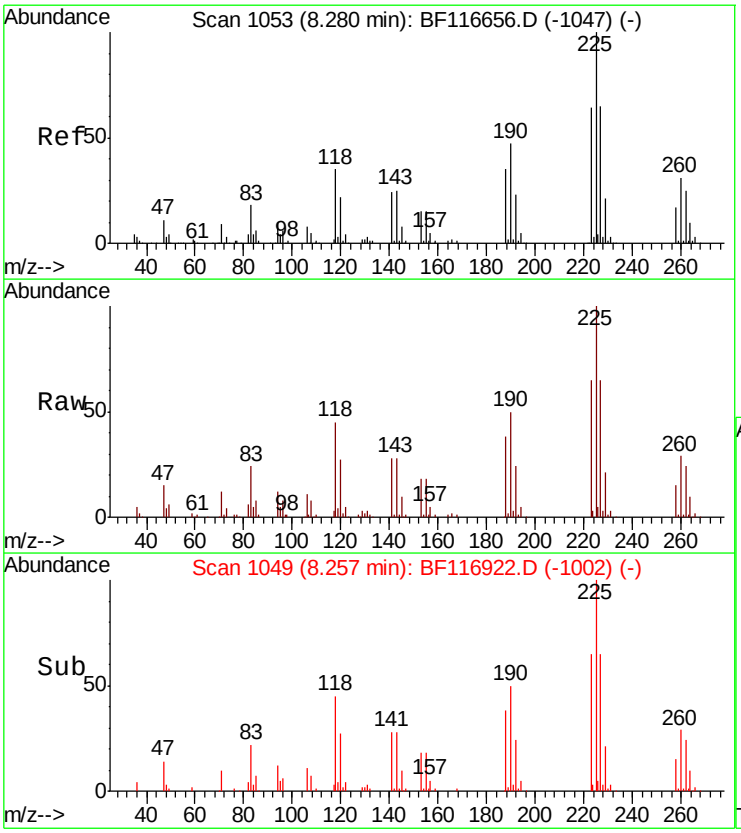

#33
4-Chloroaniline
Concen: 24.912 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:127 Resp: 185587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.2 | 39.2 |
| 65 | 28.7 | 26.0 | 39.0 |
| 92 | 18.8 | 16.1 | 24.1 |

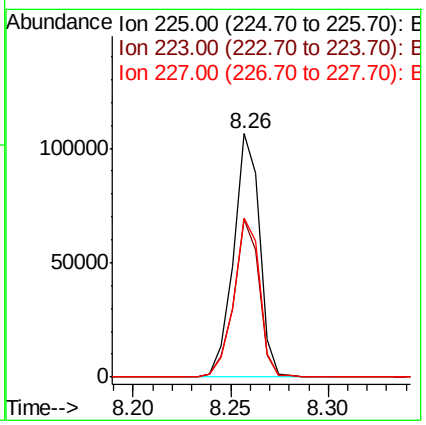


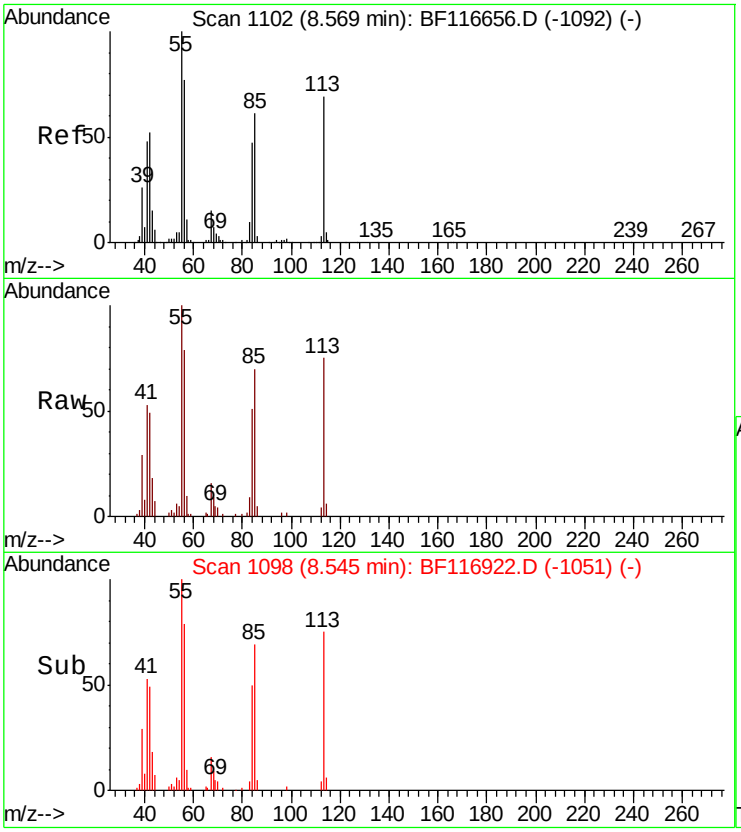




#34
Hexachlorobutadiene
Concen: 37.646 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:225 Resp: 98505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.7 | 49.4 | 74.2 |
| 227 | 65.2 | 51.0 | 76.4 |



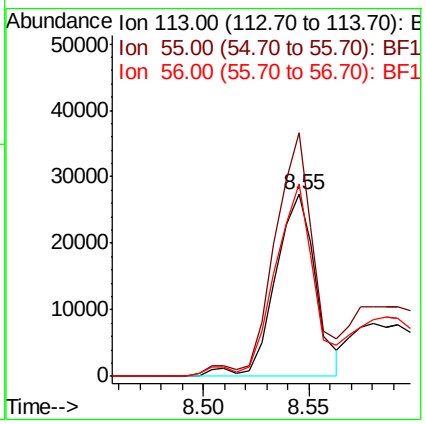


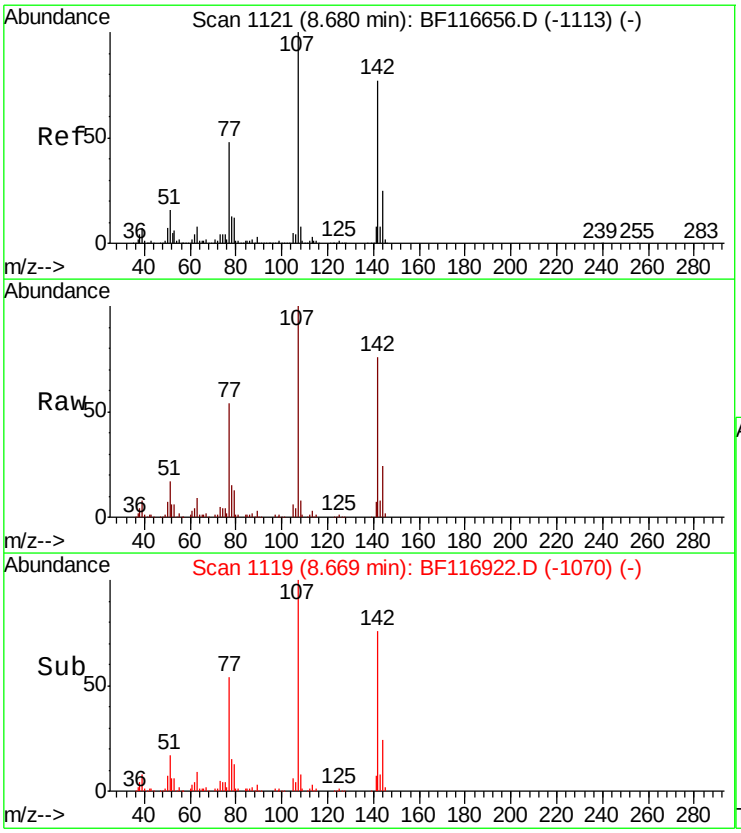

#35
Caprolactam
Concen: 21.973 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:113 Resp: 36383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 134.1 | 124.3 | 164.3 |
| 56 | 105.7 | 94.6 | 134.6 |

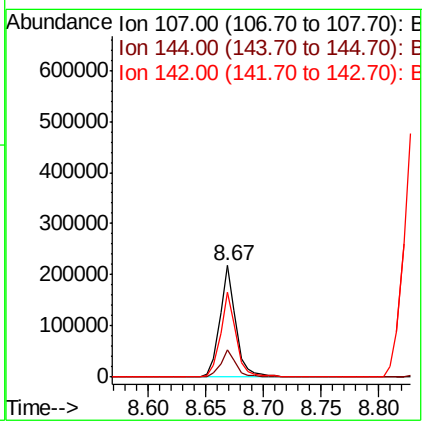


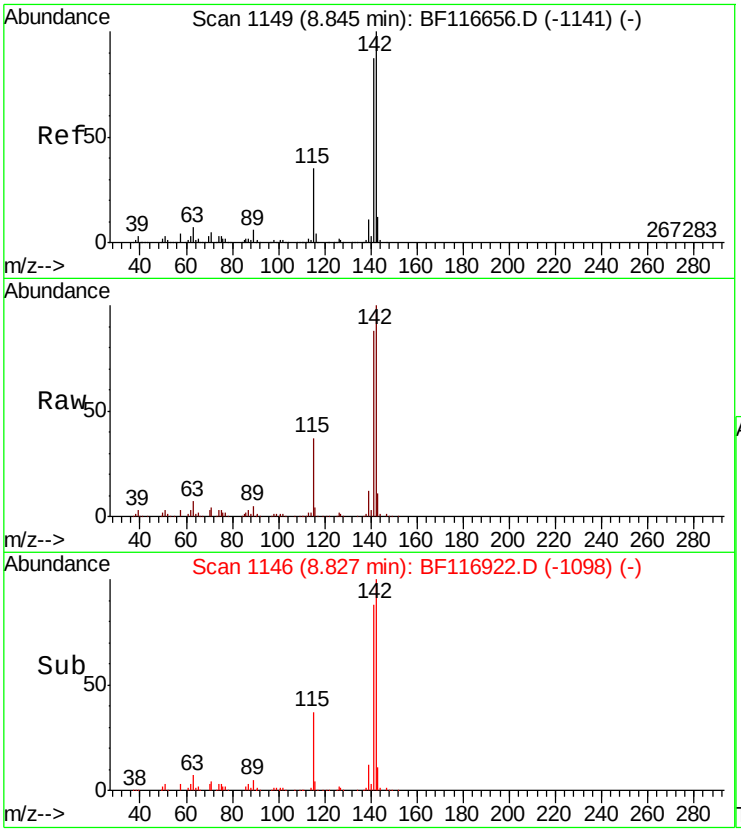




#36
4-Chloro-3-methylphenol
Concen: 41.606 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:107 Resp: 211576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.2 | 18.6 | 27.8 |
| 142 | 76.0 | 58.5 | 87.7 |



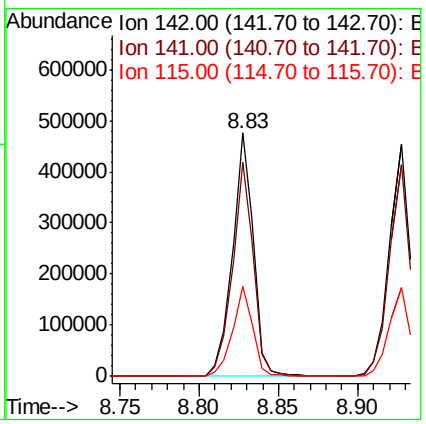


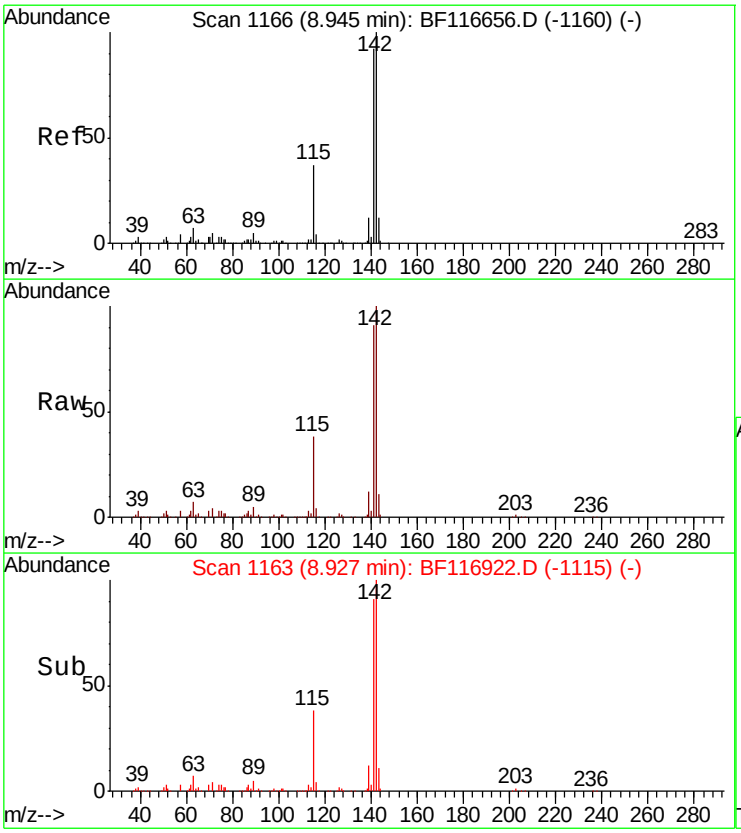

#37
2-Methylnaphthalene
Concen: 39.989 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:142 Resp: 435432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 72.6 | 109.0 |
| 115 | 36.8 | 29.8 | 44.6 |

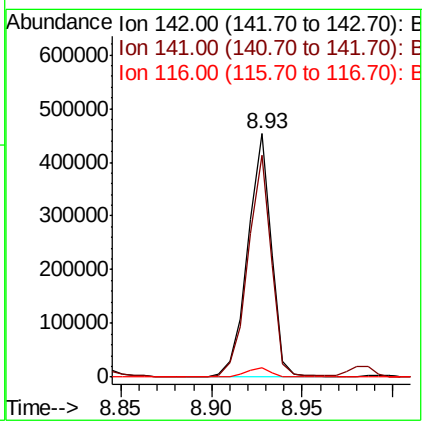


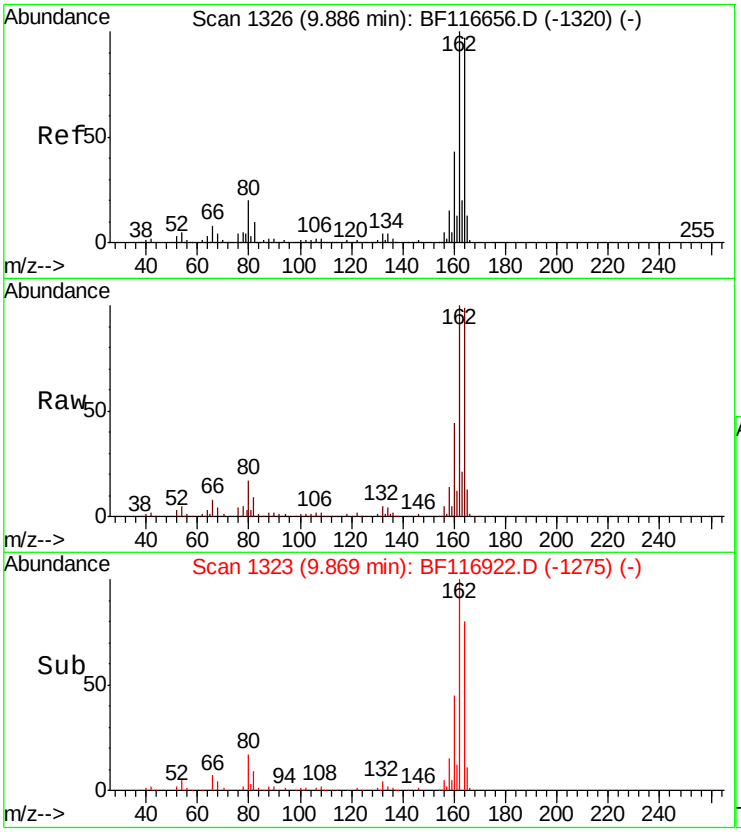




#38
1-Methylnaphthalene
Concen: 39.575 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:142 Resp: 406793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 73.9 | 110.9 |
| 116 | 4.0 | 3.0 | 4.6 |



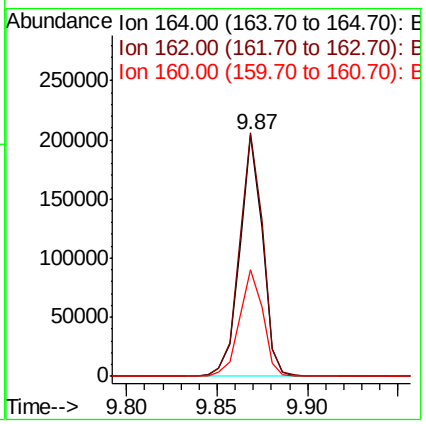


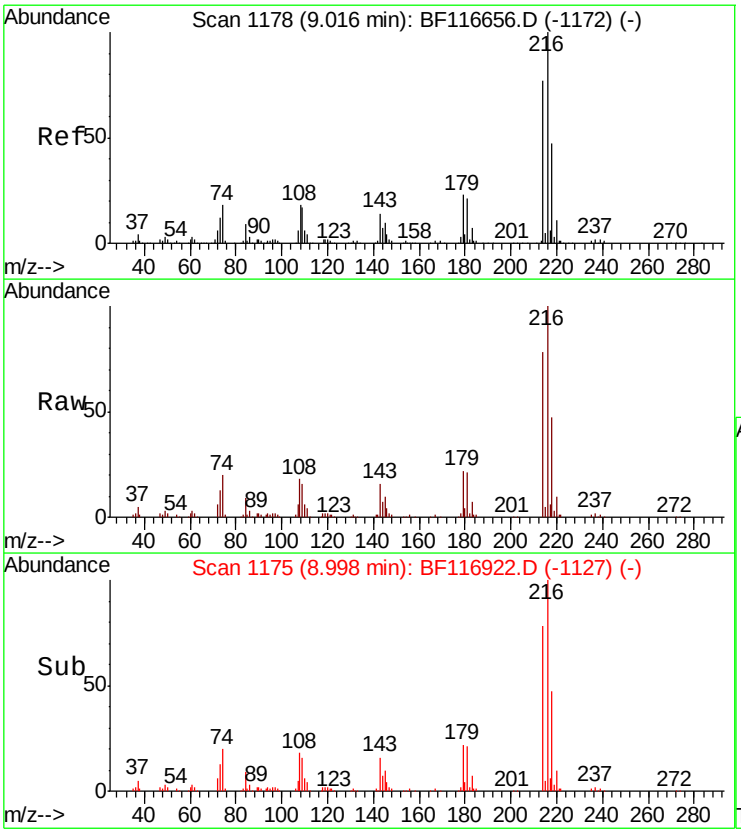

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:164 Resp: 177544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 81.4 | 122.0 |
| 160 | 44.1 | 35.4 | 53.2 |

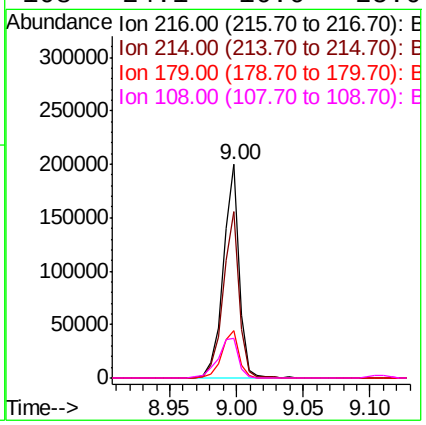


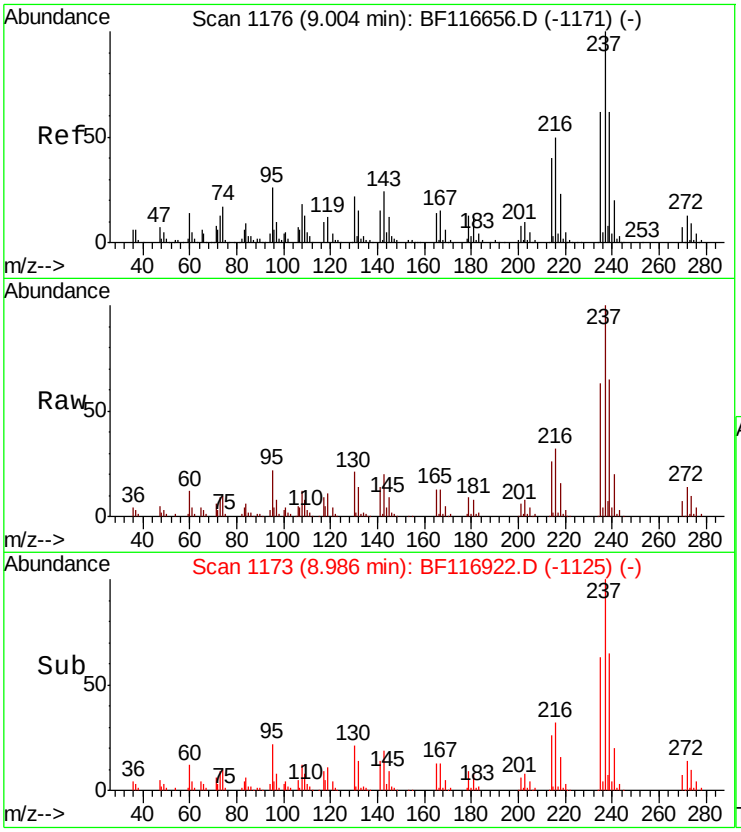




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.755 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:216 Resp: 169199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 62.7 | 94.1 |
| 179 | 23.4 | 19.3 | 28.9 |
| 108 | 24.1 | 16.6 | 25.0 |



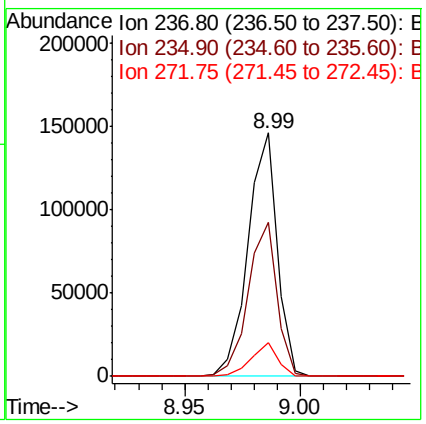


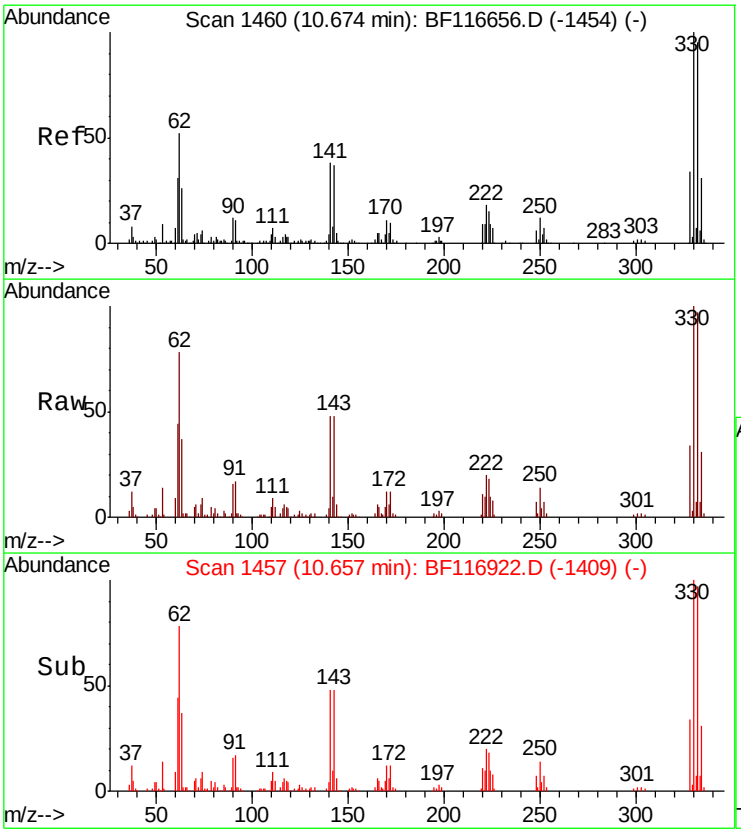

#41
Hexachlorocyclopentadiene
Concen: 52.778 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:237 Resp: 129715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.3 | 41.4 | 81.4 |
| 272 | 13.7 | 0.0 | 32.8 |

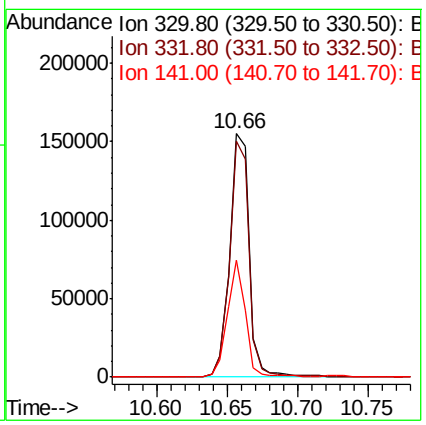


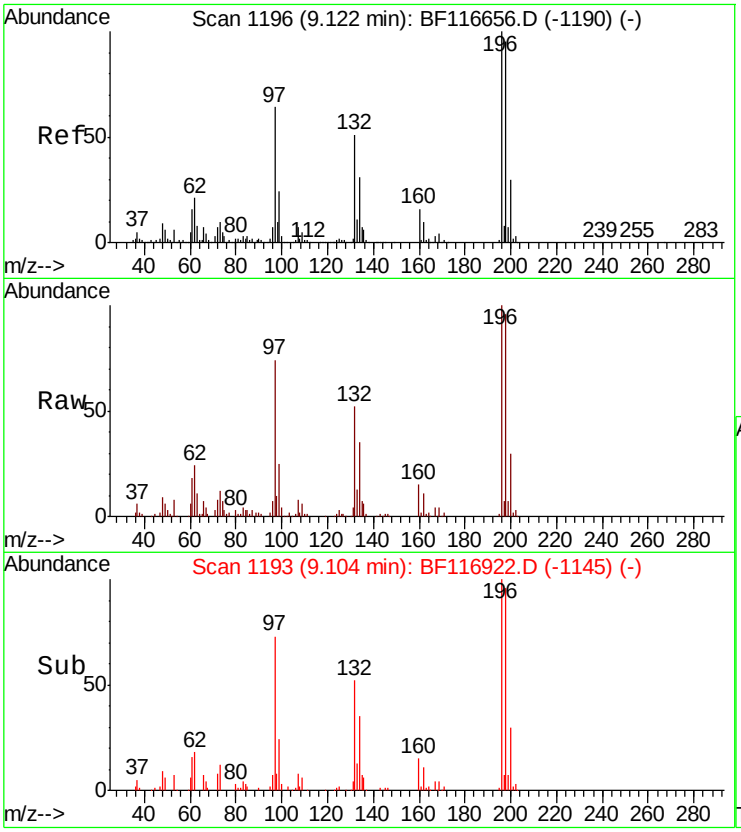




#42
2,4,6-Tribromophenol
Concen: 126.522 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:330 Resp: 150171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.9 | 115.3 |
| 141 | 44.4 | 31.4 | 47.2 |



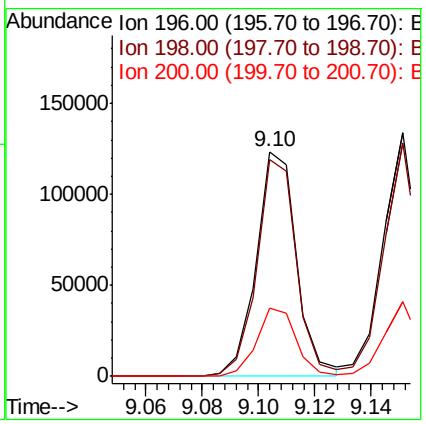


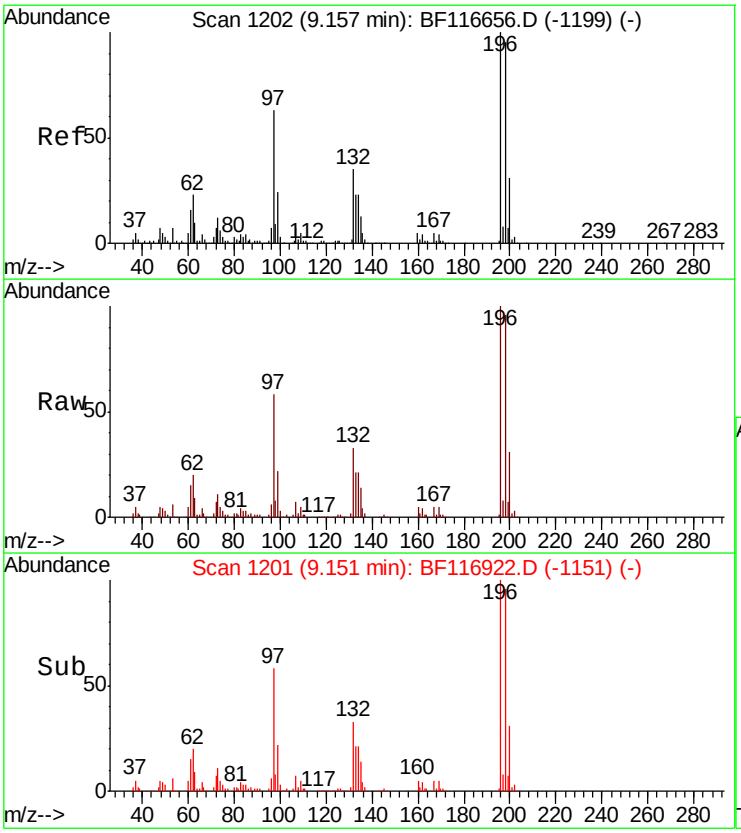

#43
2,4,6-Trichlorophenol
Concen: 41.876 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:196 Resp: 122175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 79.1 | 118.7 |
| 200 | 30.5 | 24.0 | 36.0 |

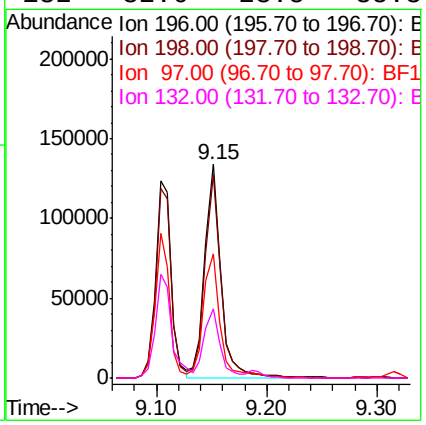


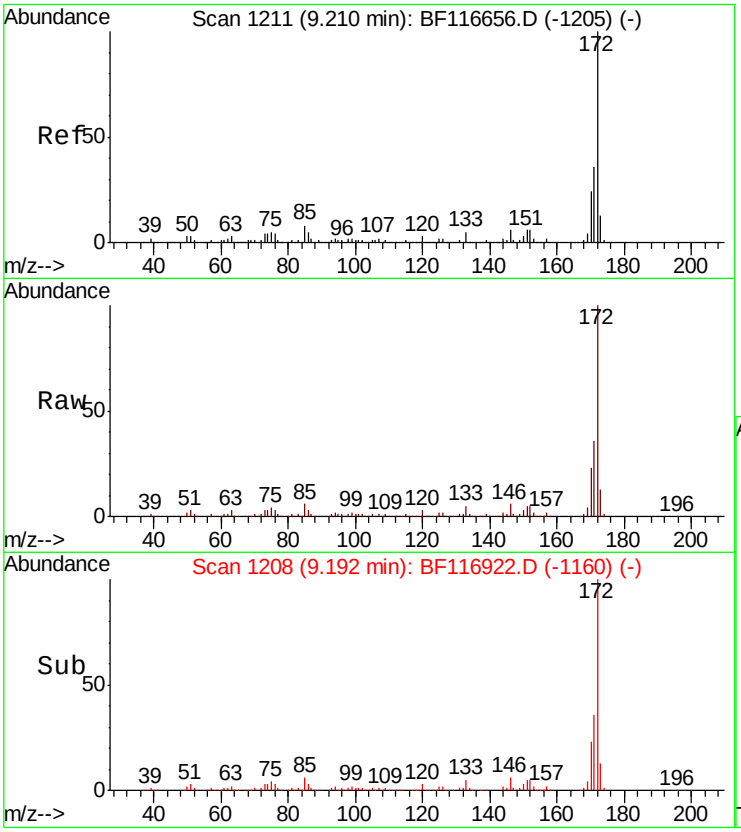




#44
2,4,5-Trichlorophenol
Concen: 44.393 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:196 Resp: 134462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 78.1 | 117.1 |
| 97 | 58.1 | 41.6 | 62.4 |
| 132 | 32.6 | 23.5 | 35.3 |



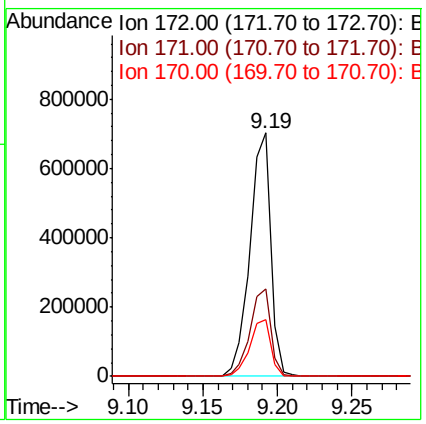


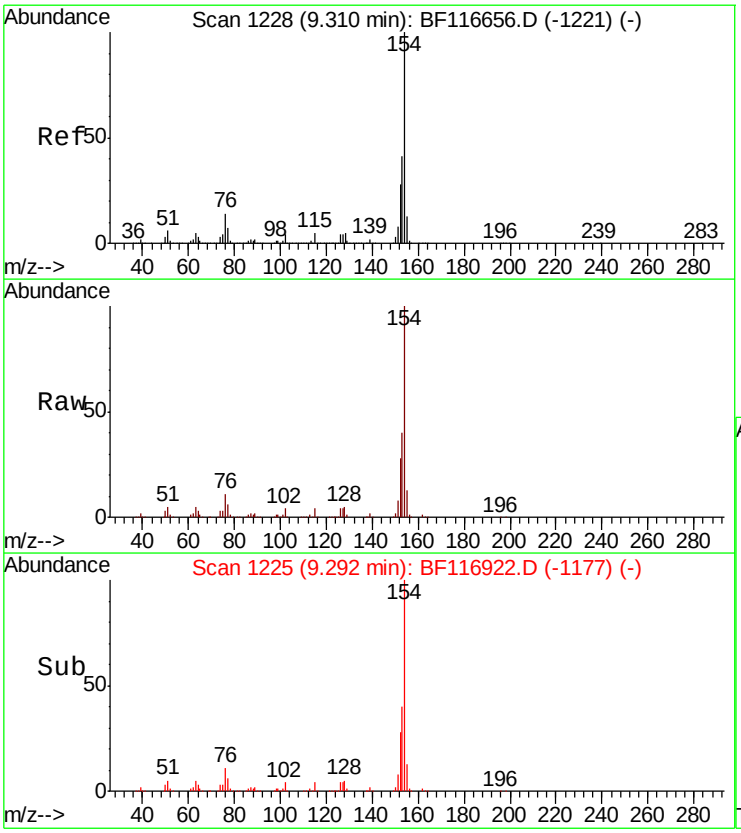

#45
2-Fluorobiphenyl
Concen: 64.388 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:172 Resp: 677677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 27.8 | 41.6 |
| 170 | 23.3 | 18.9 | 28.3 |

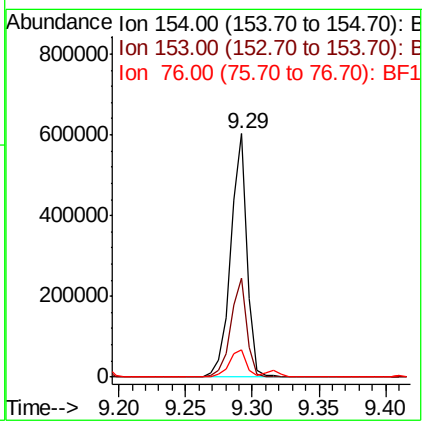


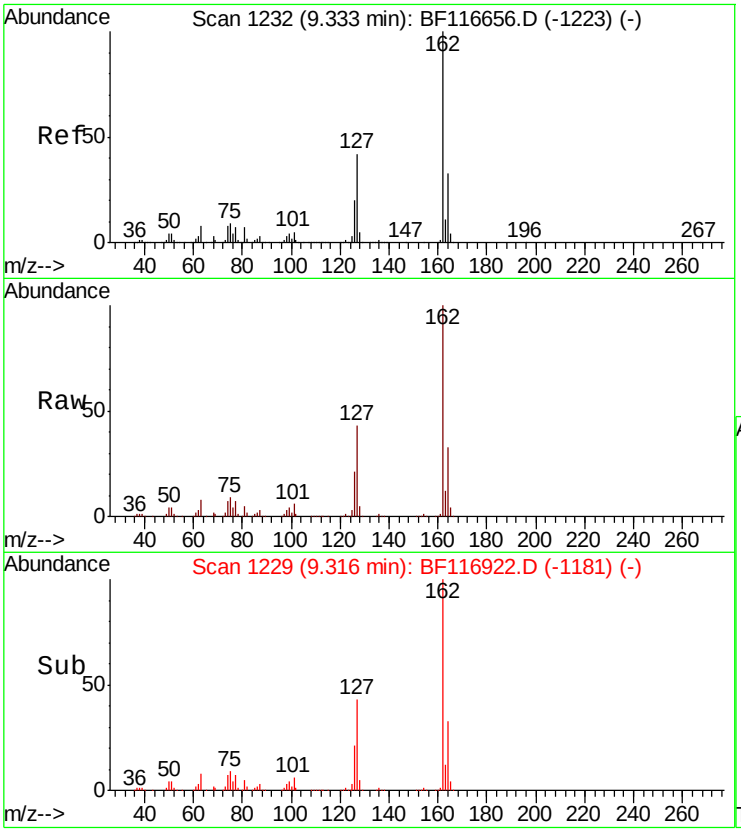




#46
1,1'-Biphenyl
Concen: 38.397 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:154 Resp: 517298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 21.2 | 61.2 |
| 76 | 11.4 | 0.0 | 30.9 |



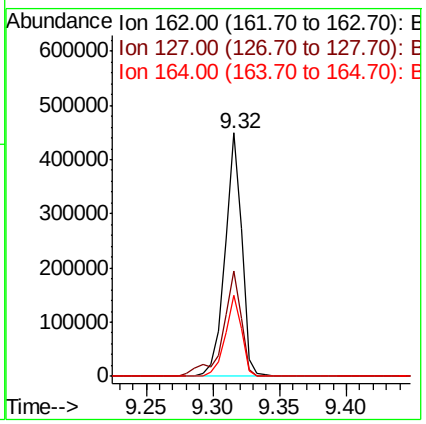


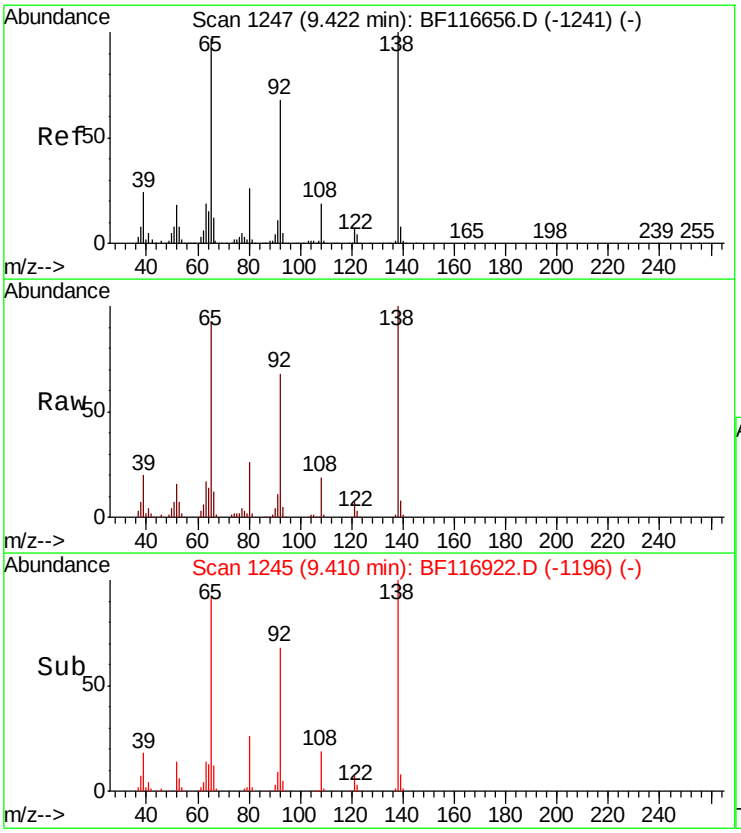

#47
2-Chloronaphthalene
Concen: 37.478 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:162 Resp: 399915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.3 | 33.4 | 50.2 |
| 164 | 33.2 | 26.6 | 39.8 |

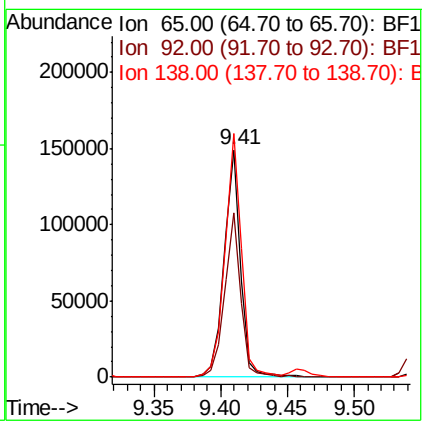


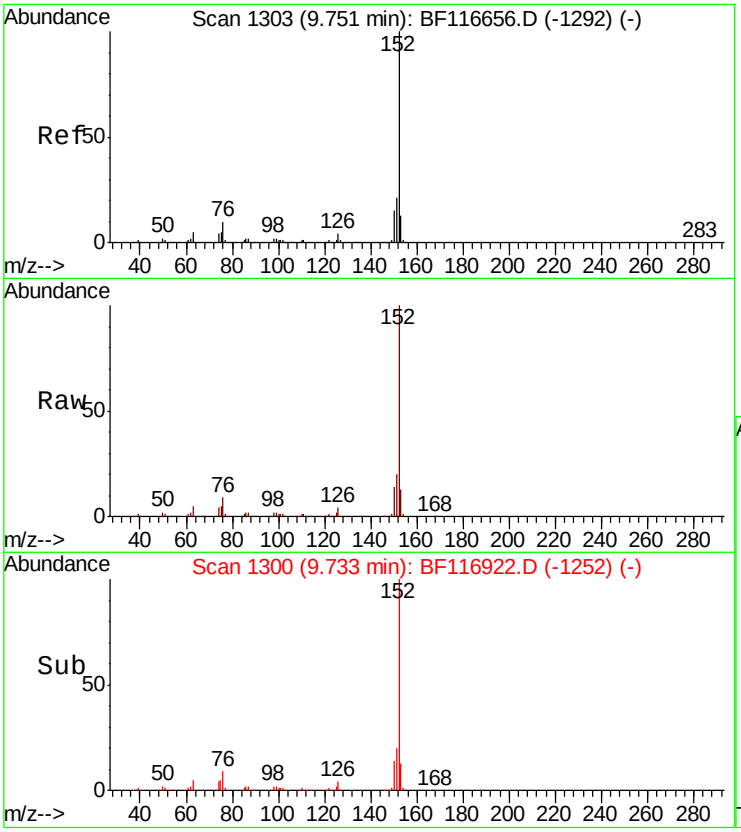




#48
2-Nitroaniline
Concen: 42.235 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion: 65 Resp: 130291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.4 | 57.1 | 85.7 |
| 138 | 107.1 | 88.2 | 132.2 |



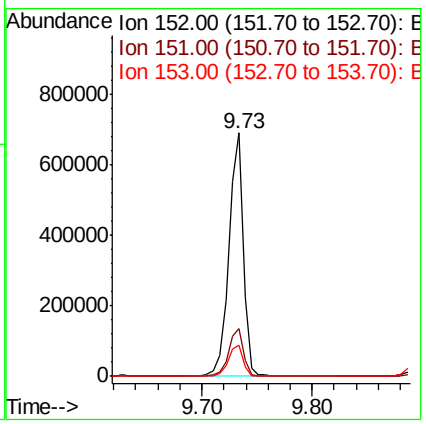


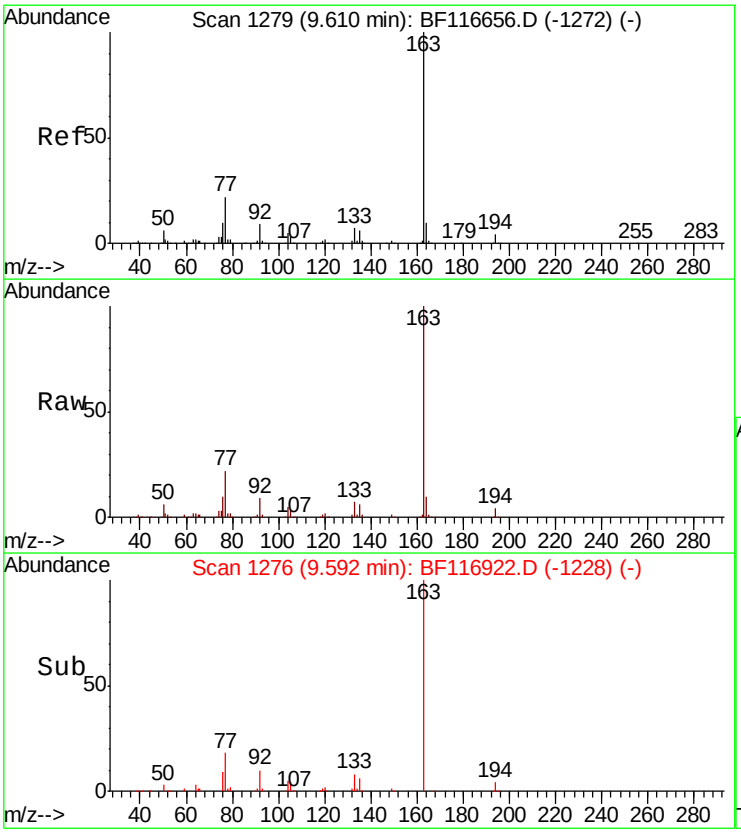

#49
Acenaphthylene
Concen: 39.344 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:152 Resp: 634608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.9 | 23.9 |
| 153 | 12.7 | 10.9 | 16.3 |

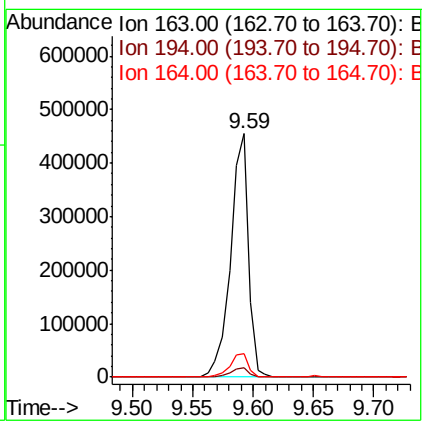


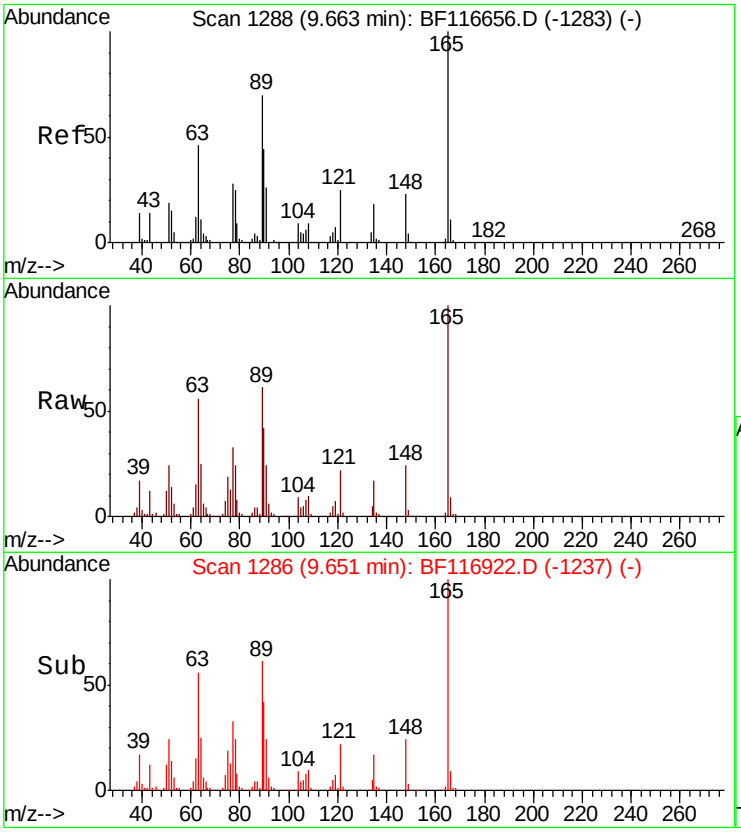




#50
Dimethylphthalate
Concen: 38.218 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:163 Resp: 468458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.8 | 4.2 |
| 164 | 9.8 | 8.6 | 12.8 |



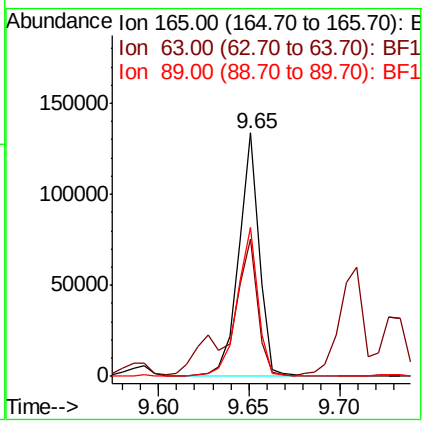


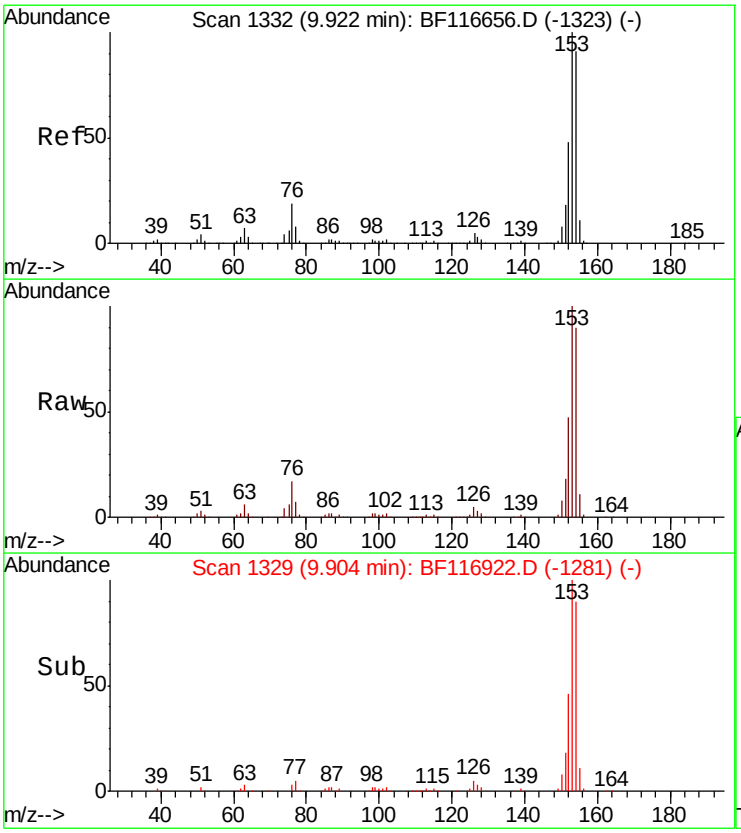

#51
2,6-Dinitrotoluene
Concen: 44.829 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:165 Resp: 104840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.3 | 47.3 | 70.9 |
| 89 | 61.0 | 52.5 | 78.7 |

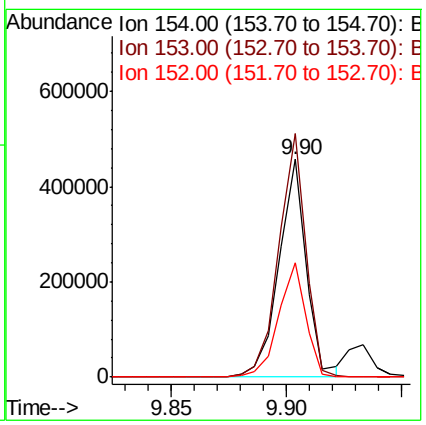


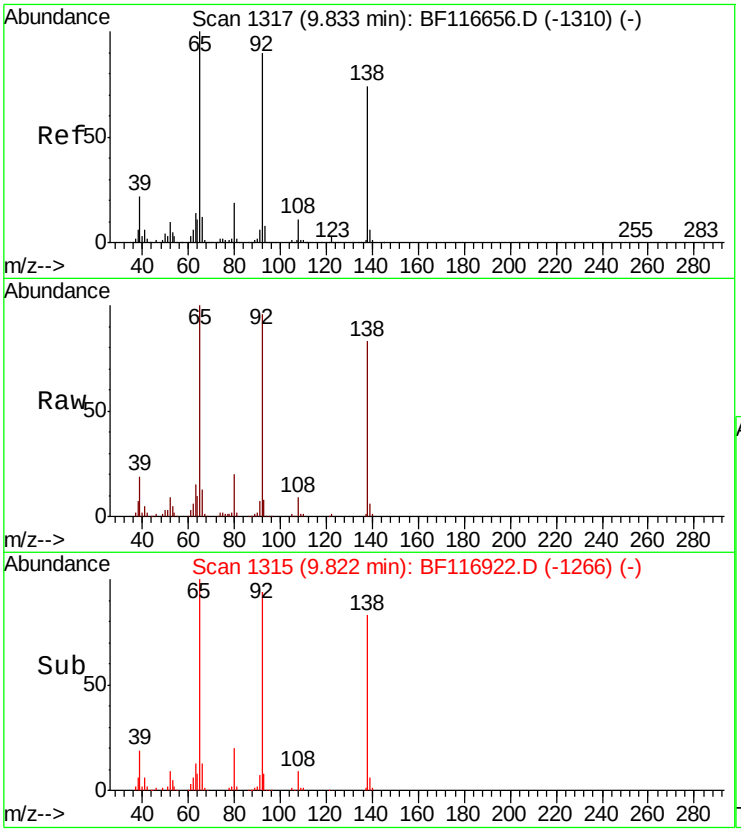




#52
Acenaphthene
Concen: 37.819 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:154 Resp: 374810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 89.5 | 134.3 |
| 152 | 52.5 | 41.9 | 62.9 |



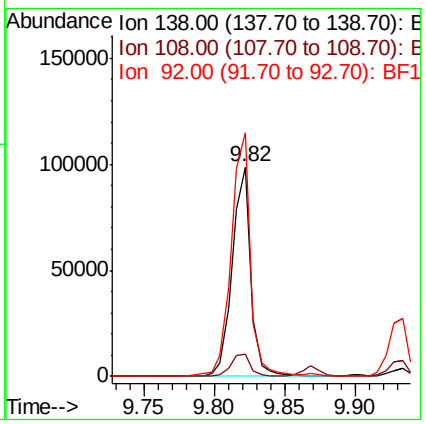


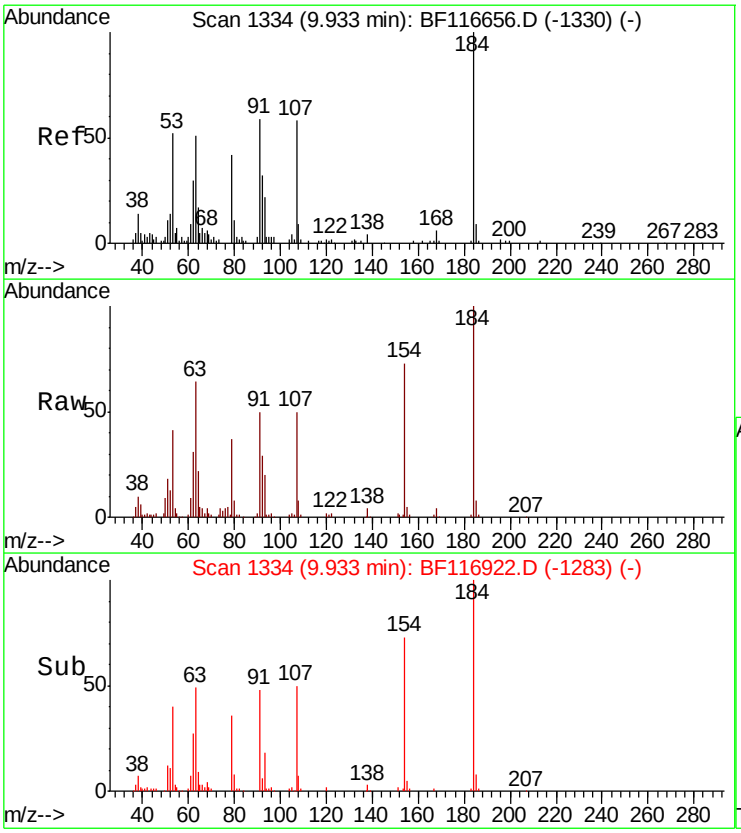

#53
3-Nitroaniline
Concen: 30.795 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:138 Resp: 90253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 8.5 | 12.7 |
| 92 | 116.4 | 87.2 | 130.8 |

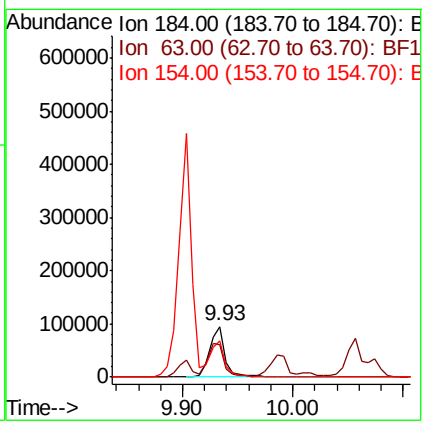


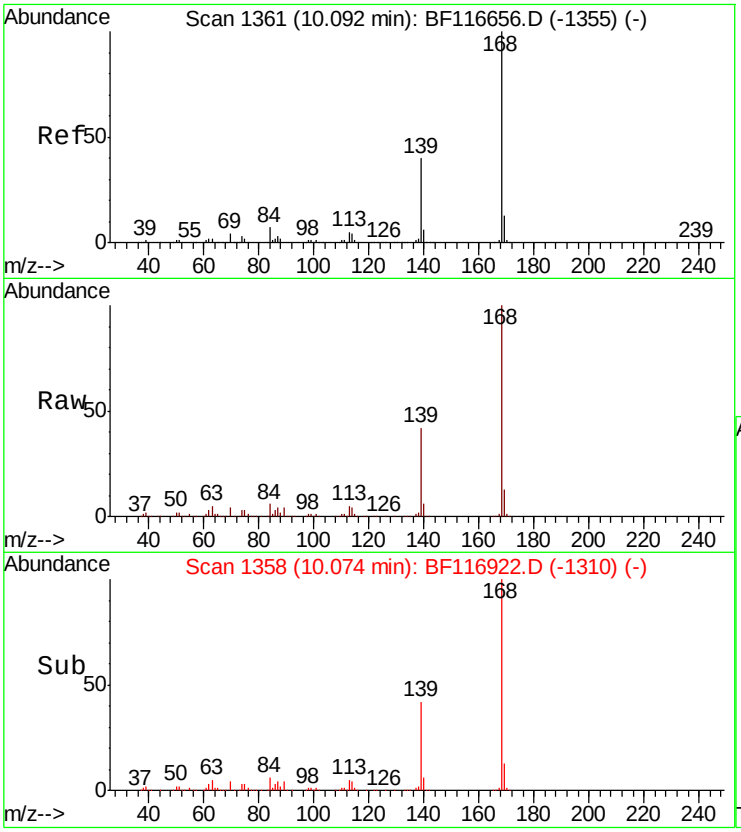




#54
2,4-Dinitrophenol
Concen: 105.905 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:184 Resp: 90621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 63.8 | 52.2 | 78.2 |
| 154 | 72.6 | 60.8 | 91.2 |



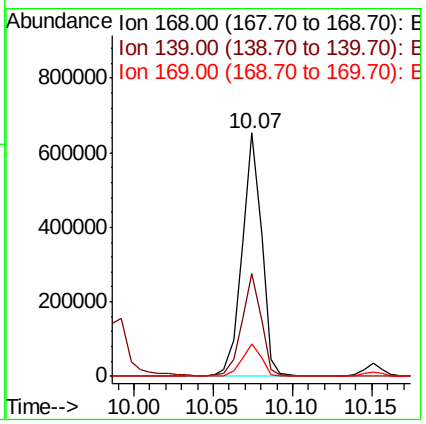


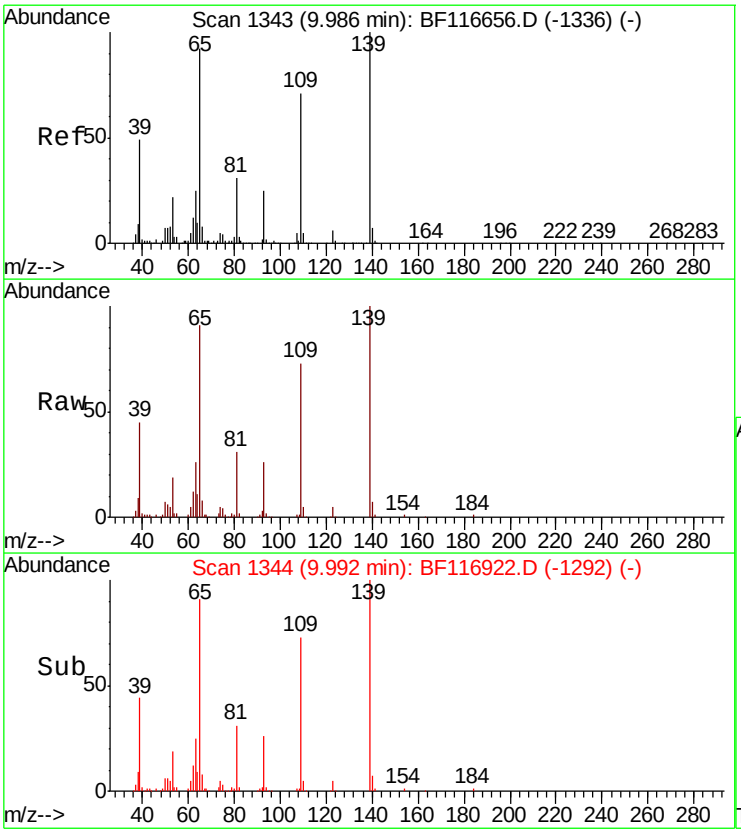

#55
Dibenzofuran
Concen: 39.674 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:168 Resp: 554297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.1 | 31.5 | 47.3 |
| 169 | 13.4 | 10.3 | 15.5 |

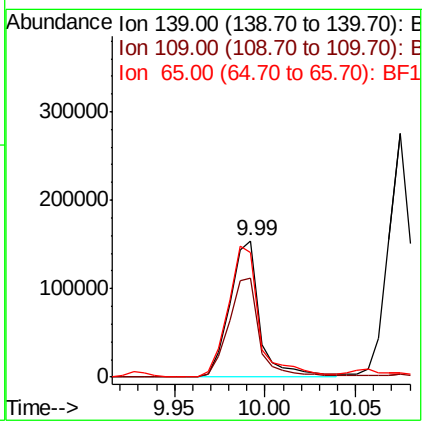


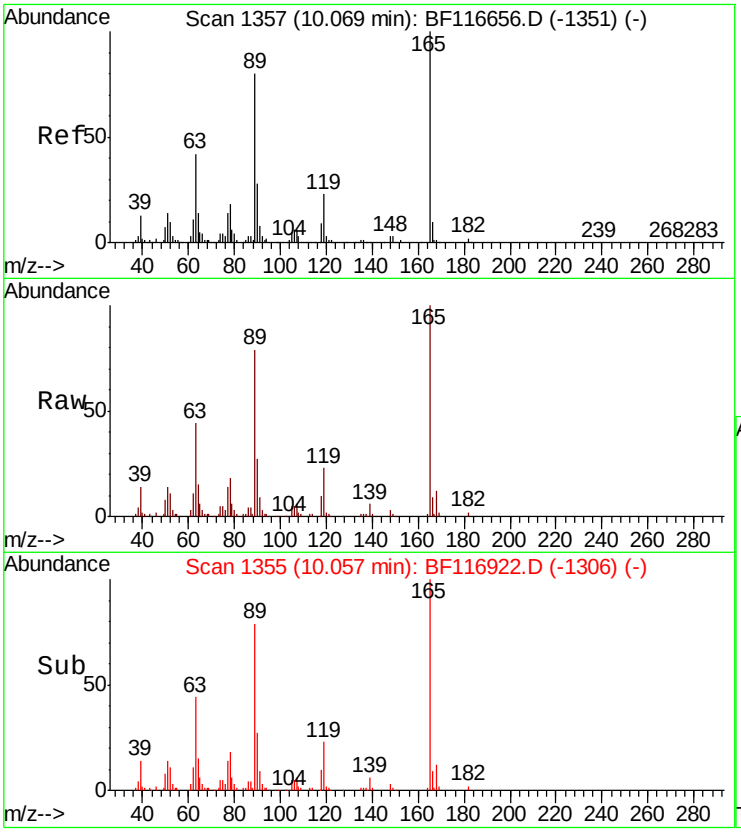




#56
4-Nitrophenol
Concen: 88.388 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:139 Resp: 177624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.9 | 61.7 | 101.7 |
| 65 | 91.2 | 89.1 | 129.1 |



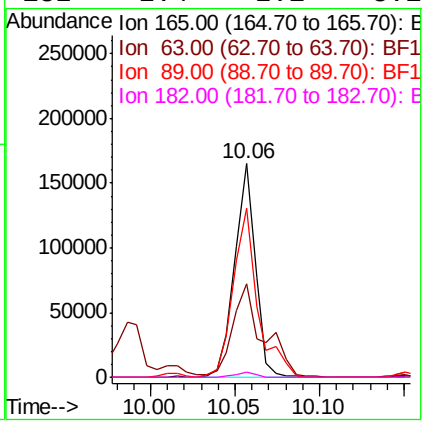


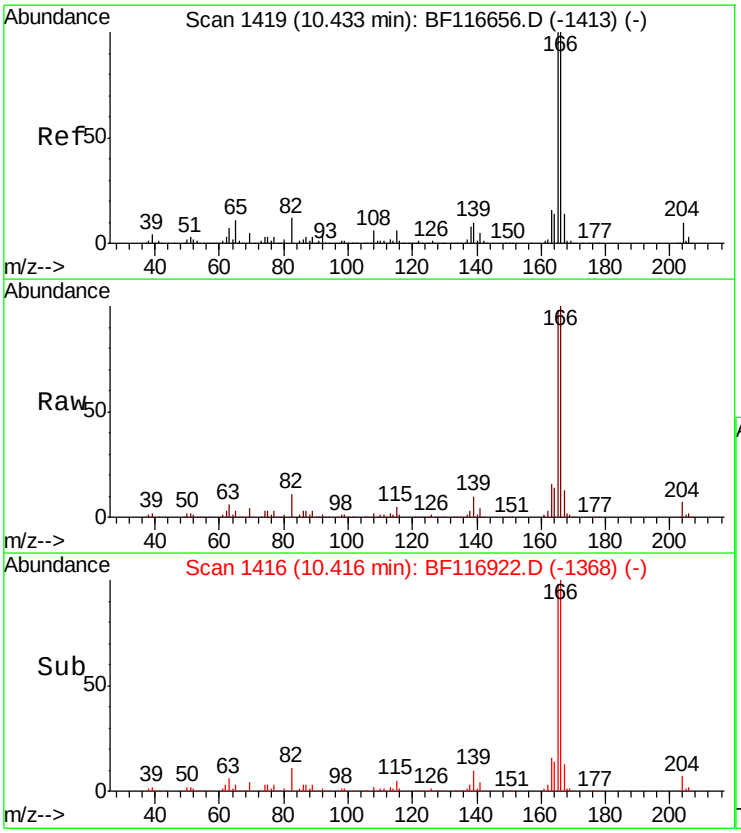

#57
2,4-Dinitrotoluene
Concen: 49.301 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:165 Resp: 140983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.6 | 36.4 | 54.6 |
| 89 | 79.4 | 62.6 | 94.0 |
| 182 | 2.4 | 2.1 | 3.1 |

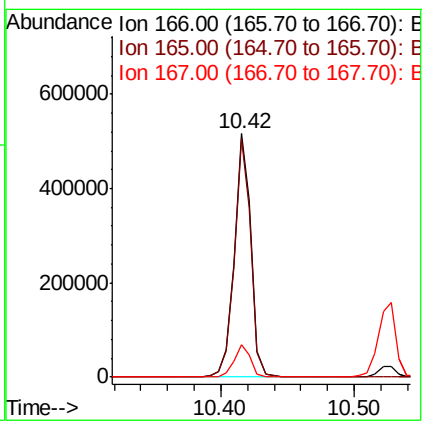


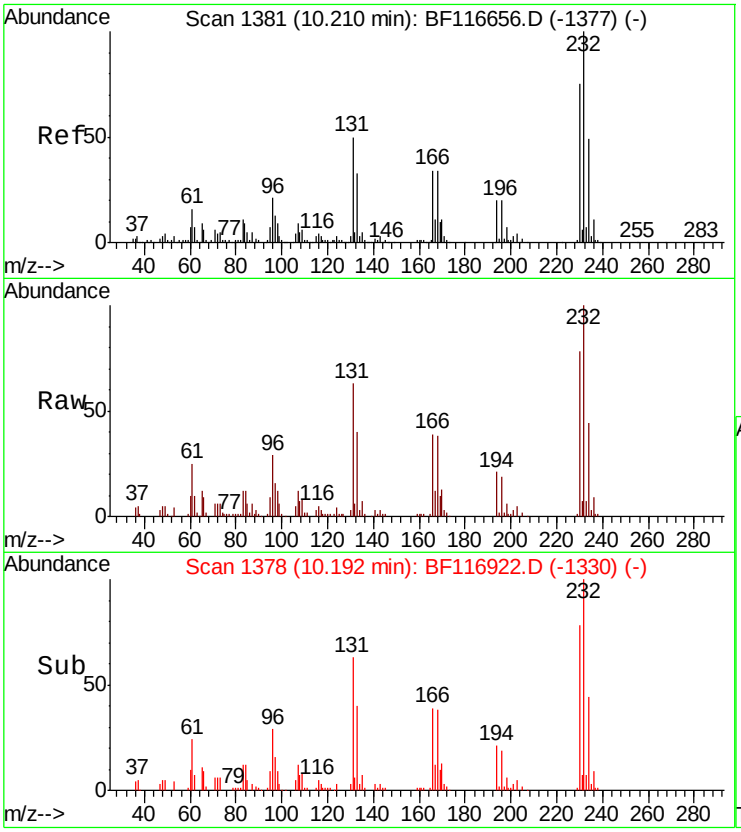




#58
Fluorene
Concen: 42.087 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:166 Resp: 448043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 78.8 | 118.2 |
| 167 | 13.3 | 10.0 | 15.0 |



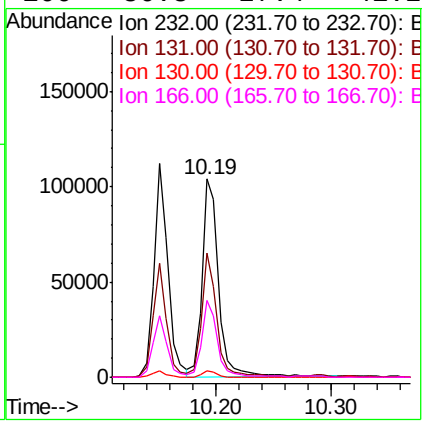


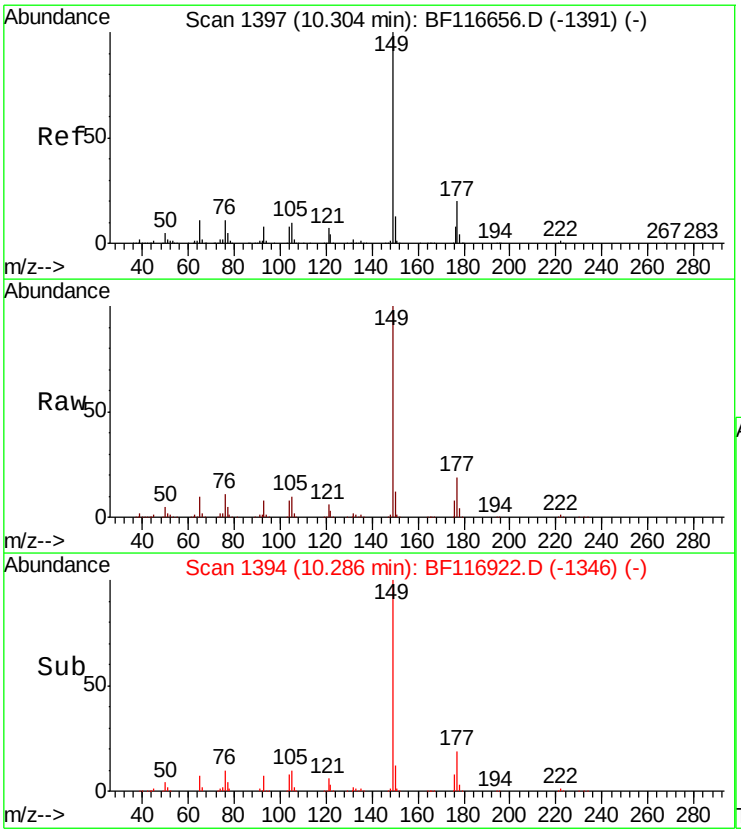

#59
2,3,4,6-Tetrachlorophenol
Concen: 47.109 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:232 Resp: 102980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 57.0 | 42.7 | 64.1 |
| 130 | 2.7 | 1.9 | 2.9 |
| 166 | 36.3 | 27.4 | 41.2 |

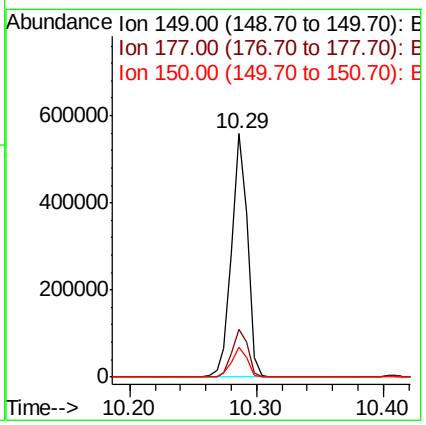


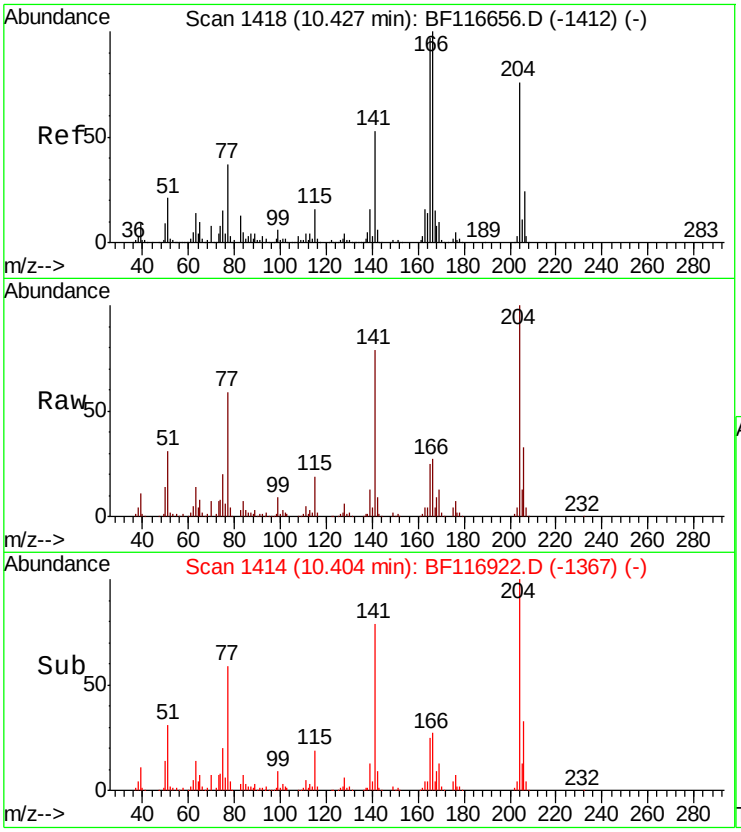




#60
Diethylphthalate
Concen: 39.068 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:149 Resp: 479688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.4 | 17.2 | 25.8 |
| 150 | 12.2 | 9.7 | 14.5 |



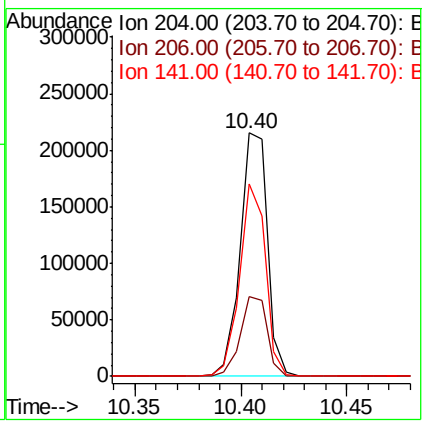


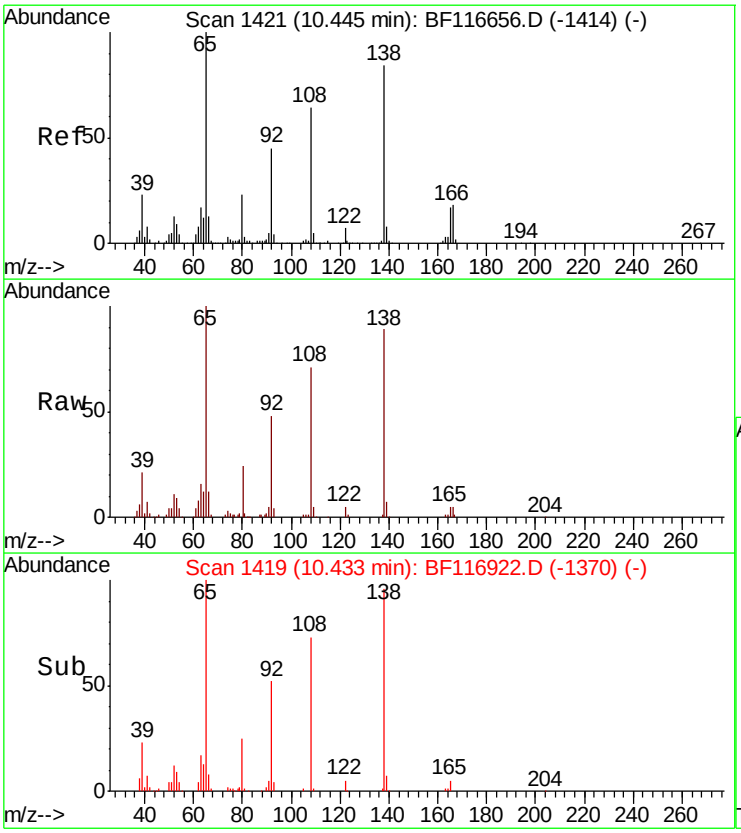

#61
4-Chlorophenyl-phenylether
Concen: 41.356 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:204 Resp: 192787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 25.4 | 38.2 |
| 141 | 79.2 | 53.8 | 80.8 |

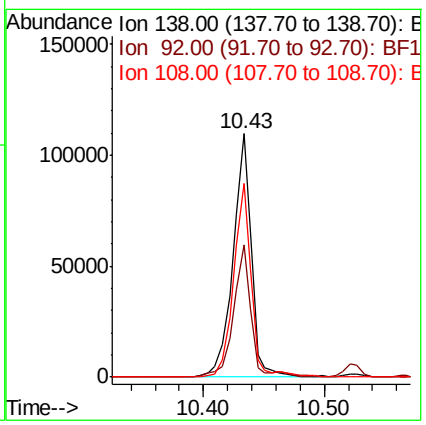


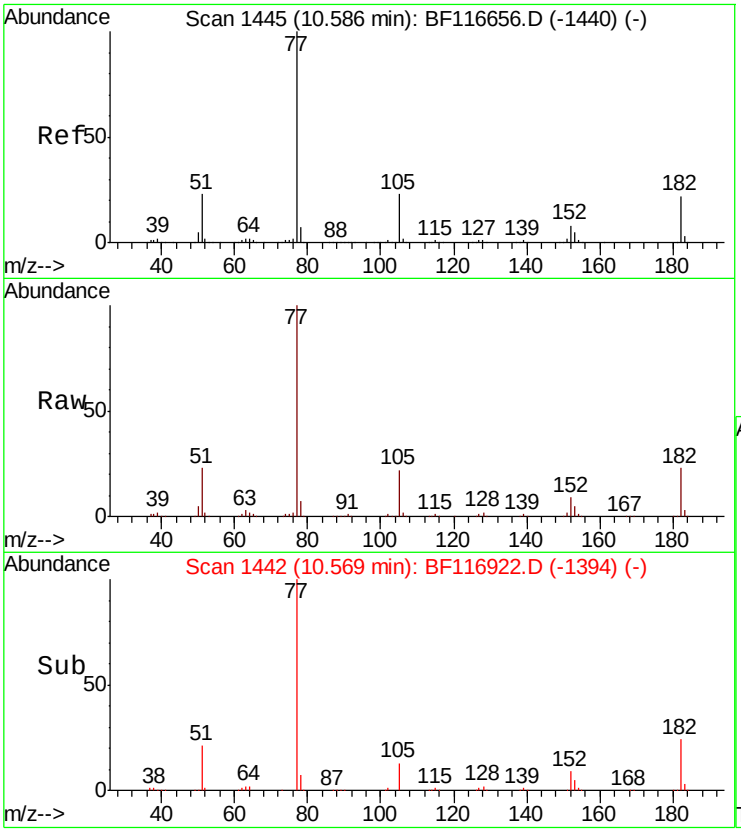




#62
4-Nitroaniline
Concen: 41.242 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:138 Resp: 117302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.2 | 28.7 | 68.7 |
| 108 | 79.5 | 60.4 | 100.4 |



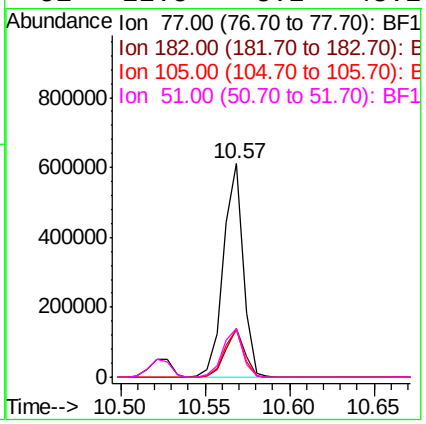


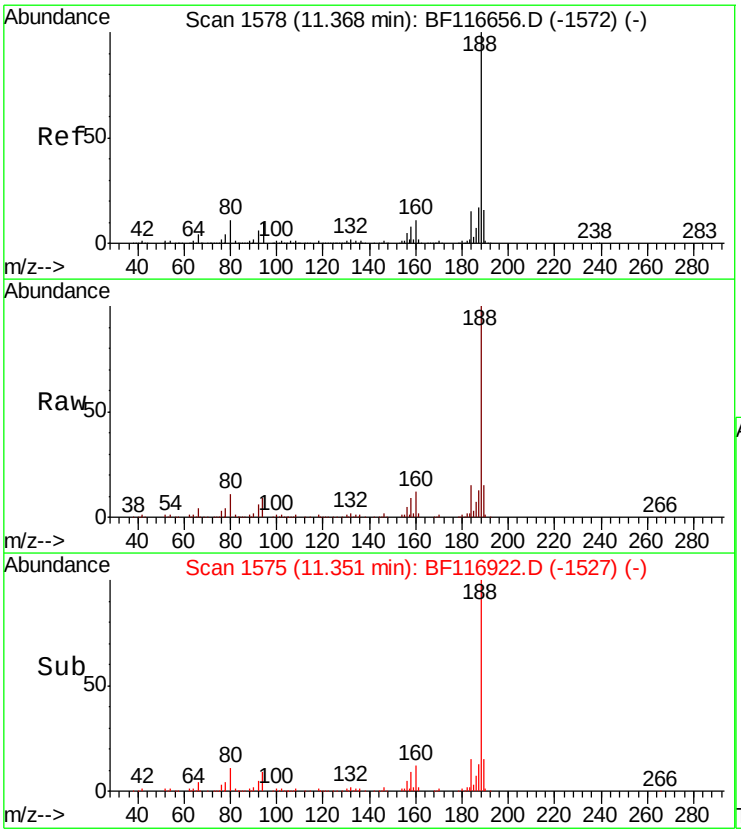

#63
Azobenzene
Concen: 38.780 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion: 77 Resp: 496492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.6 | 1.2 | 41.2 |
| 105 | 22.1 | 0.6 | 40.6 |
| 51 | 22.5 | 8.2 | 48.2 |

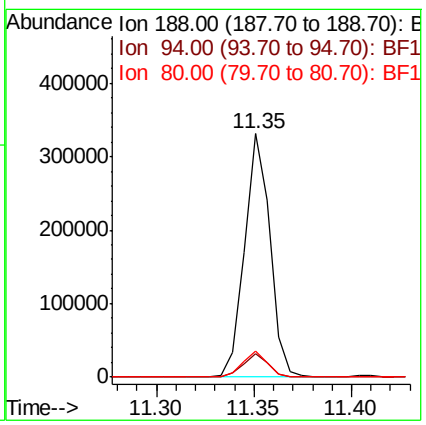


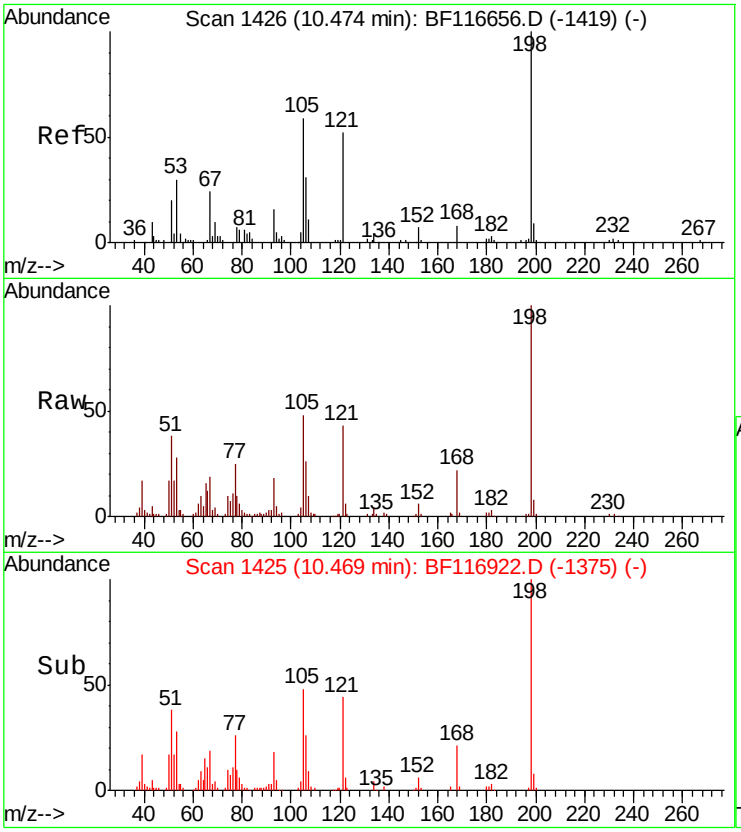




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:188 Resp: 298439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.3 | 10.9 |
| 80 | 10.8 | 8.4 | 12.6 |



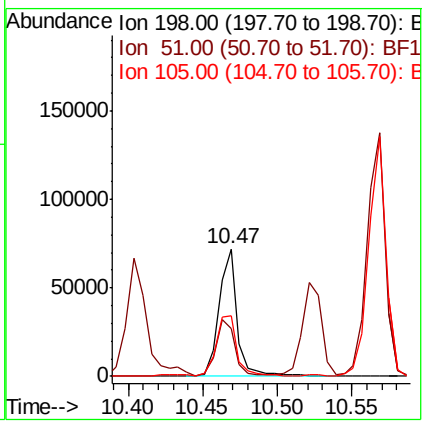


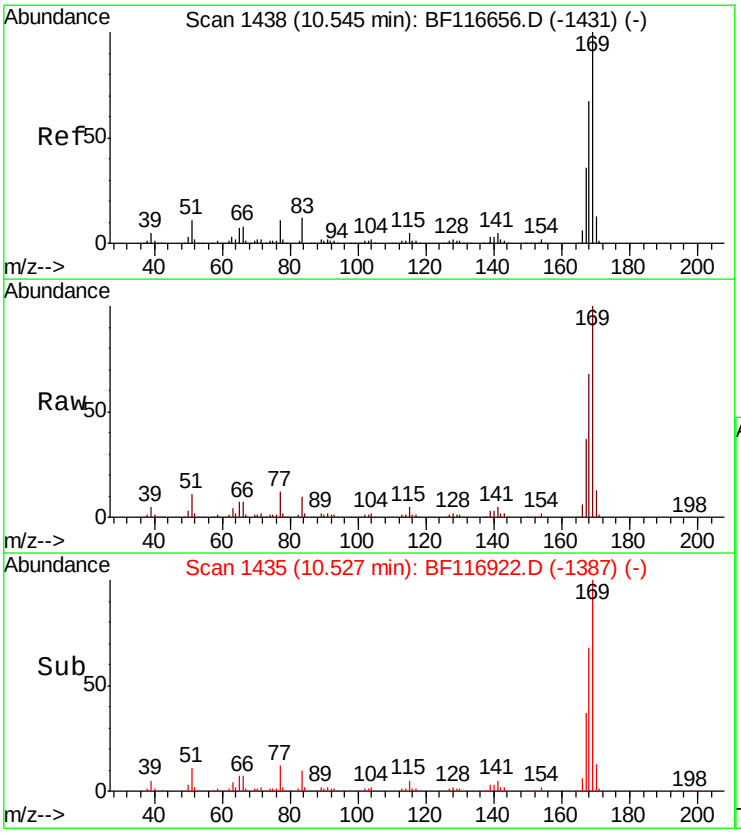

#65
4,6-Dinitro-2-methylphenol
Concen: 54.844 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:198 Resp: 61663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.5 | 18.4 | 58.4 |
| 105 | 48.0 | 22.9 | 62.9 |

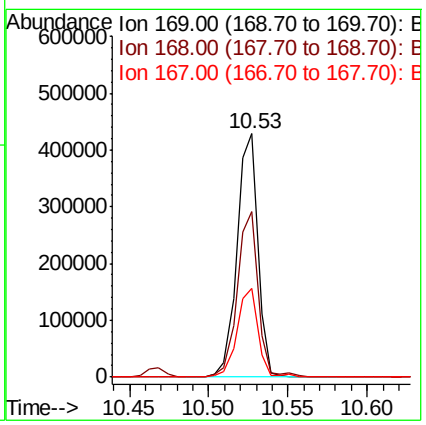


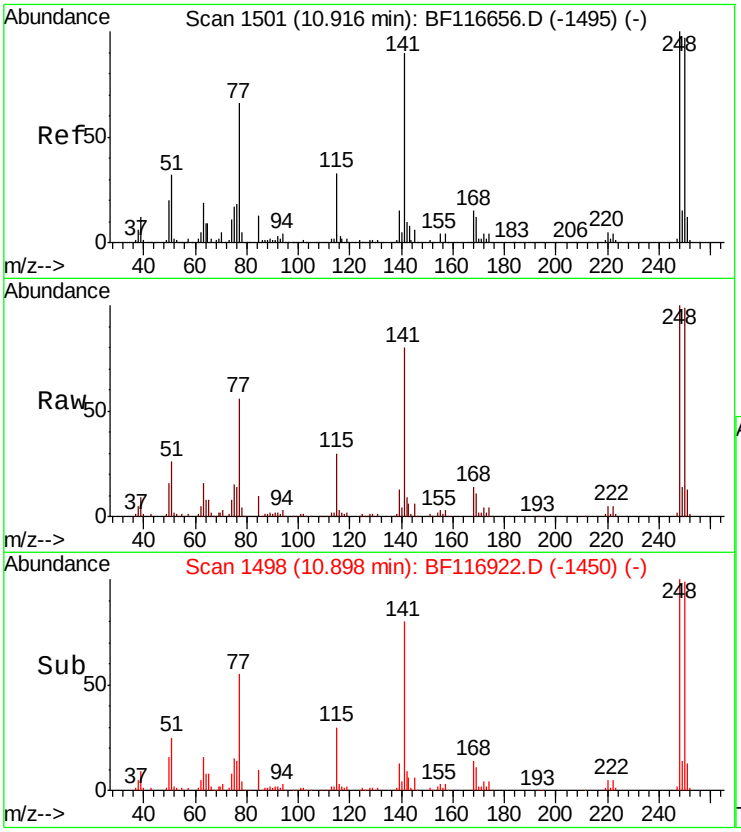




#66
n-Nitrosodiphenylamine
Concen: 37.960 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:169 Resp: 391895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.0 | 55.8 | 83.6 |
| 167 | 36.7 | 29.4 | 44.2 |



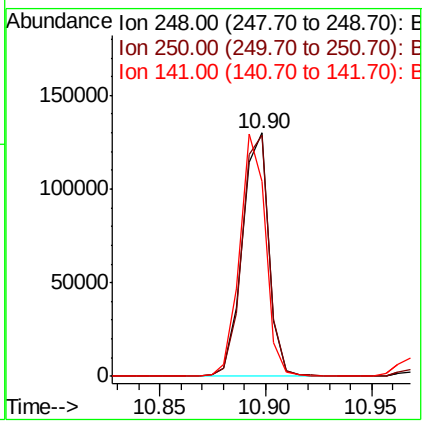


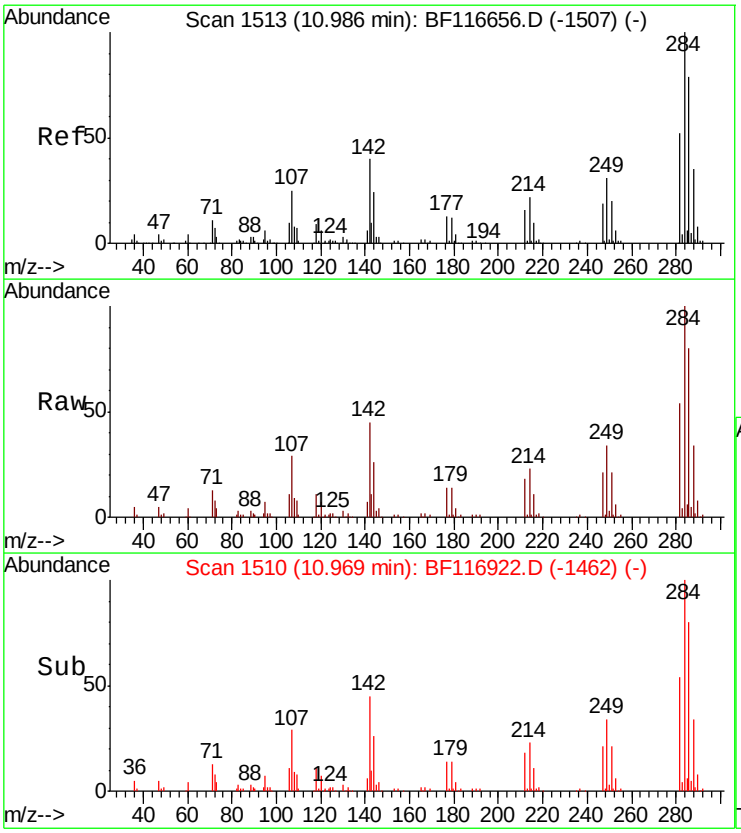

#67
4-Bromophenyl-phenylether
Concen: 37.245 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:248 Resp: 112917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 77.8 | 116.8 |
| 141 | 80.1 | 75.9 | 113.9 |

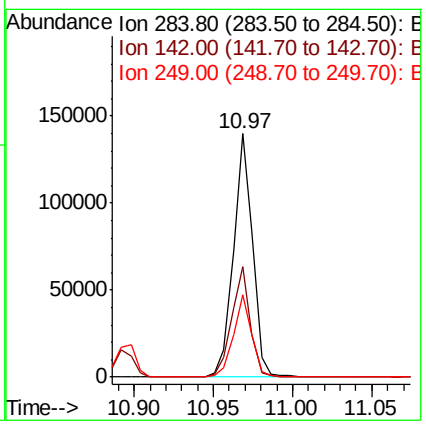


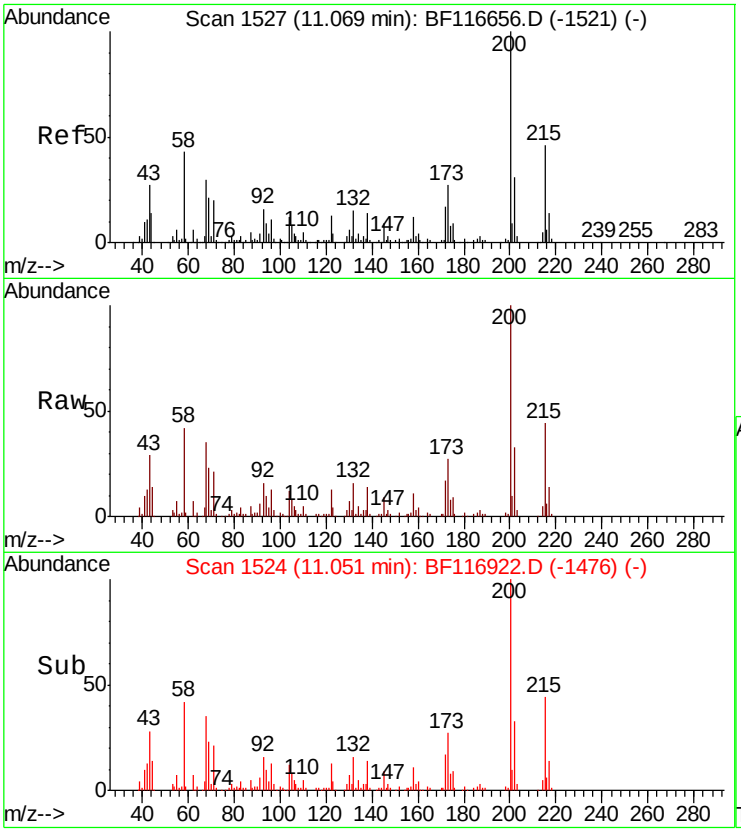




#68
Hexachlorobenzene
Concen: 37.078 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:284 Resp: 117610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 45.4 | 34.0 | 51.0 |
| 249 | 33.9 | 26.4 | 39.6 |



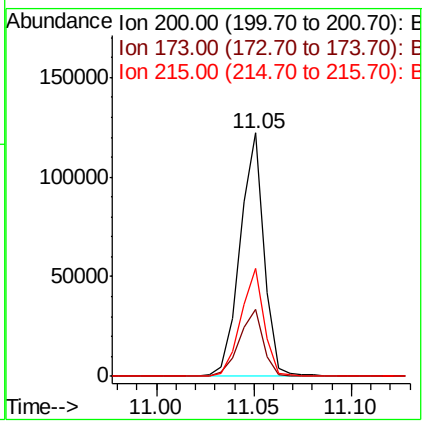


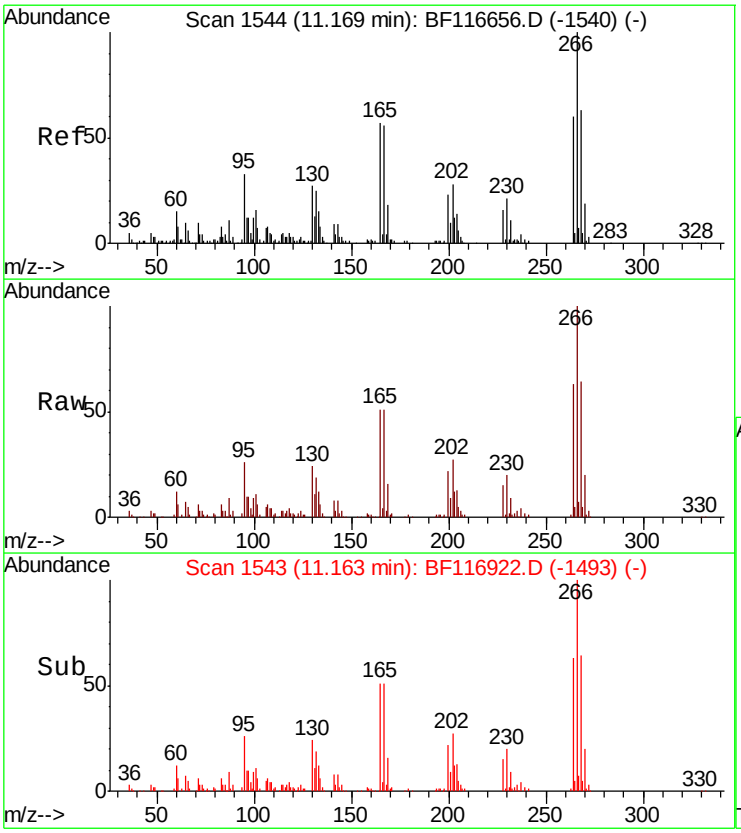

#69
Atrazine
Concen: 35.948 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:200 Resp: 103943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.3 | 6.2 | 46.2 |
| 215 | 44.1 | 24.3 | 64.3 |

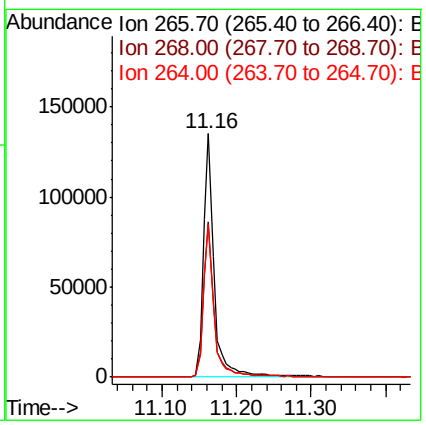


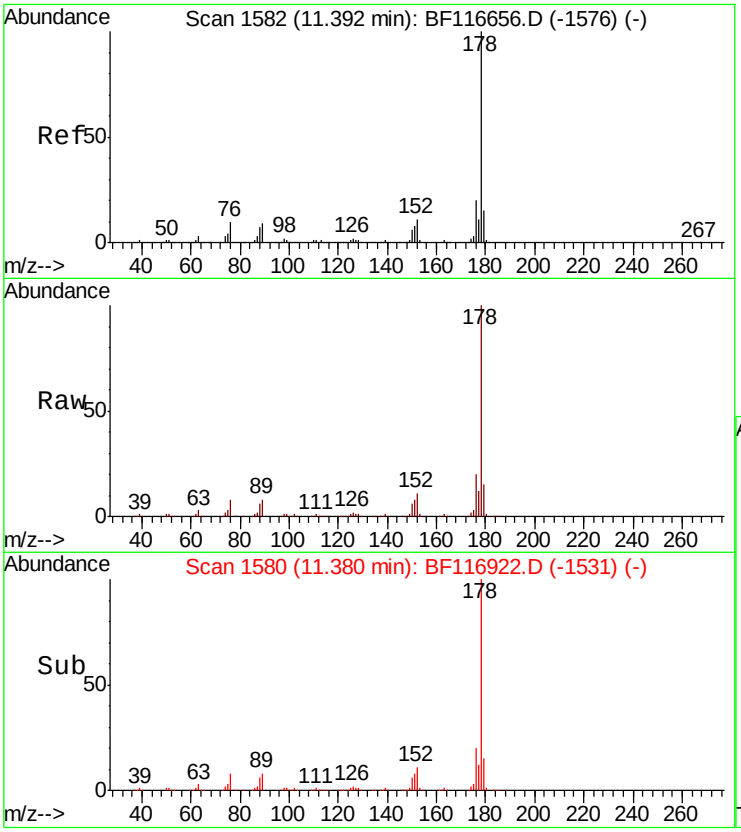




#70
Pentachlorophenol
Concen: 89.103 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:266 Resp: 136723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 51.2 | 76.8 |
| 264 | 62.9 | 51.9 | 77.9 |



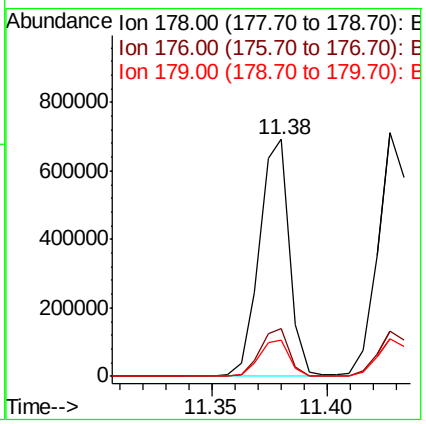


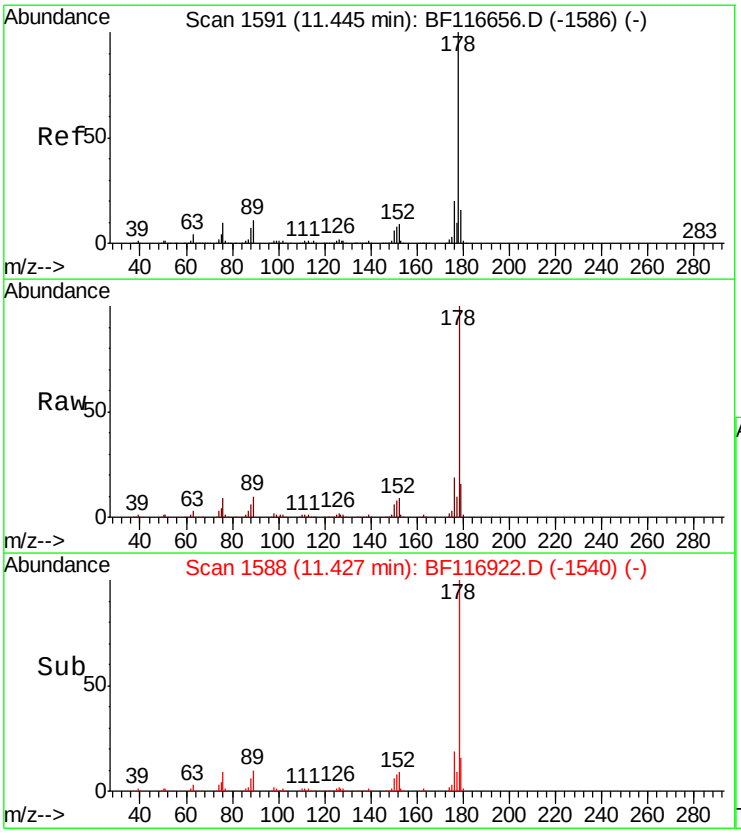

#71
Phenanthrene
Concen: 37.958 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:178 Resp: 630595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.4 | 23.0 |
| 179 | 15.4 | 12.2 | 18.2 |

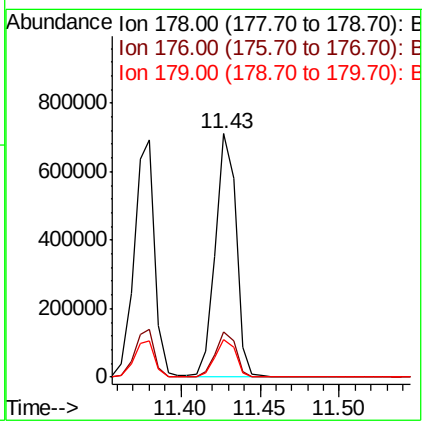


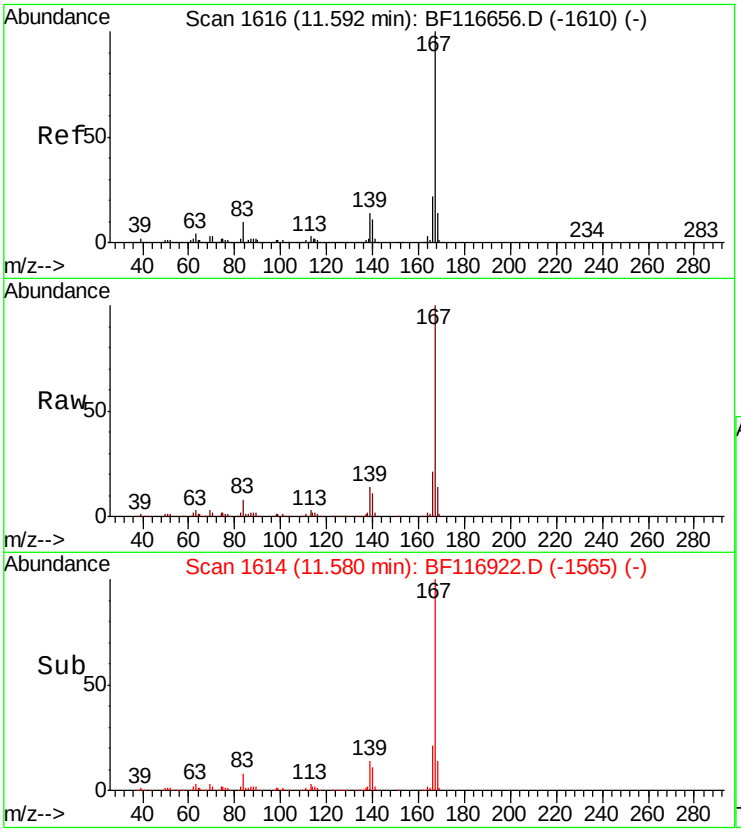




#72
Anthracene
Concen: 38.867 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:178 Resp: 649986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.4 | 23.0 |
| 179 | 15.6 | 12.5 | 18.7 |



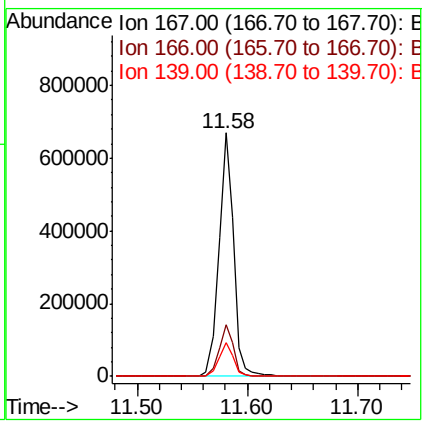


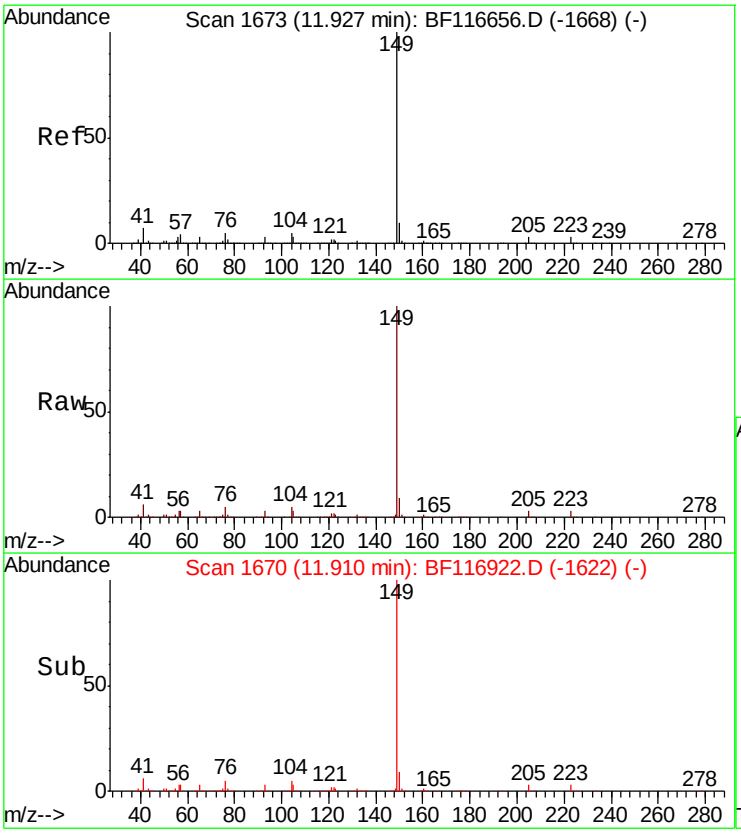

#73
Carbazole
Concen: 38.727 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:167 Resp: 616924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.8 | 26.6 |
| 139 | 13.7 | 11.1 | 16.7 |

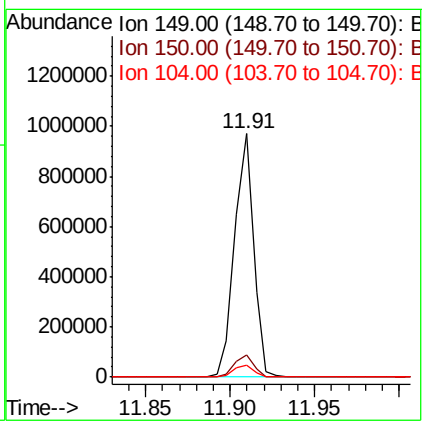


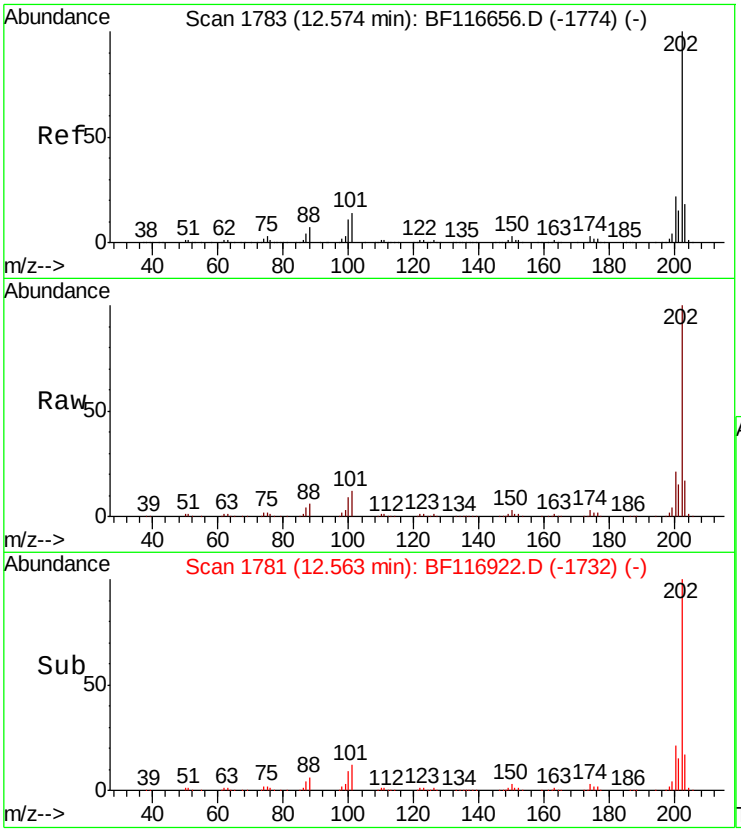




#74
Di-n-butylphthalate
Concen: 37.306 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:149 Resp: 761854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.2 | 10.8 |
| 104 | 5.1 | 4.2 | 6.2 |



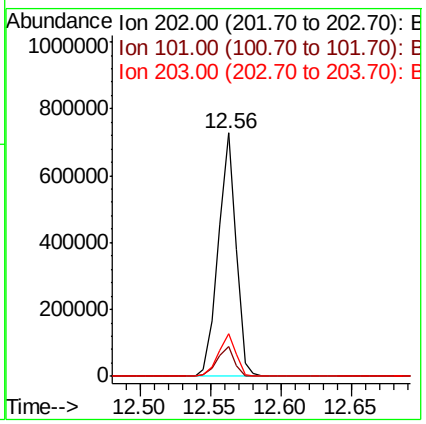


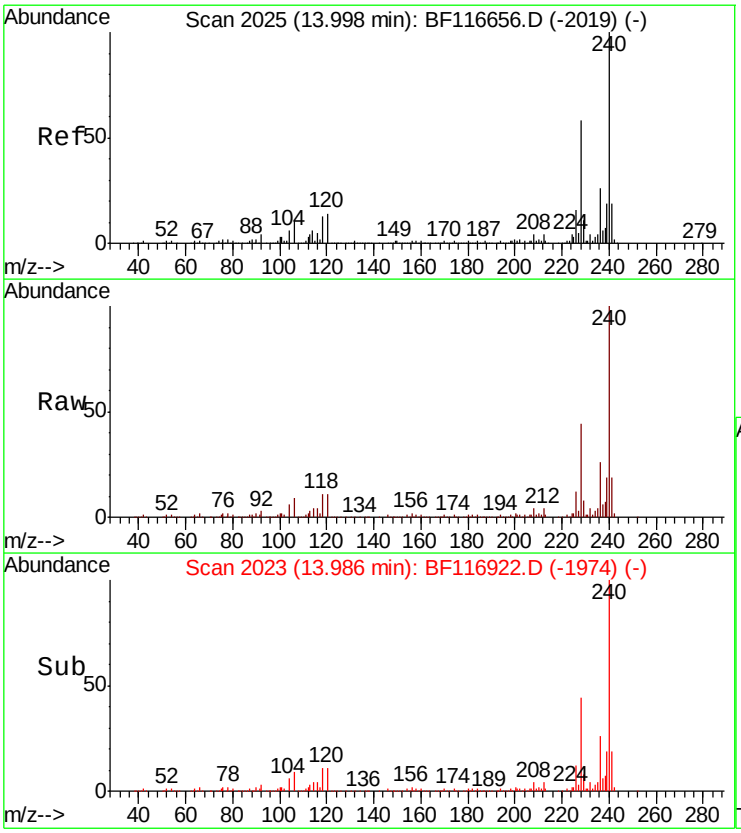

#75
Fluoranthene
Concen: 39.069 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:202 Resp: 637855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.1 | 0.0 | 31.3 |
| 203 | 17.3 | 0.0 | 37.6 |

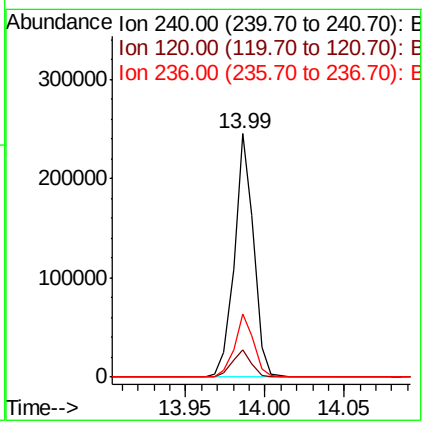


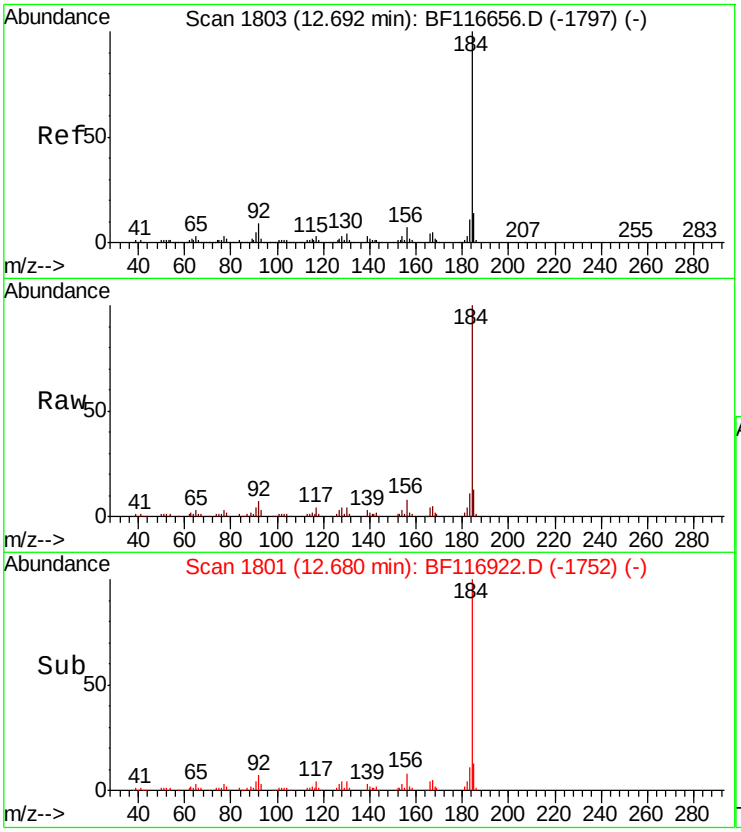




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:240 Resp: 204881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.1 | 13.7 |
| 236 | 25.8 | 21.1 | 31.7 |



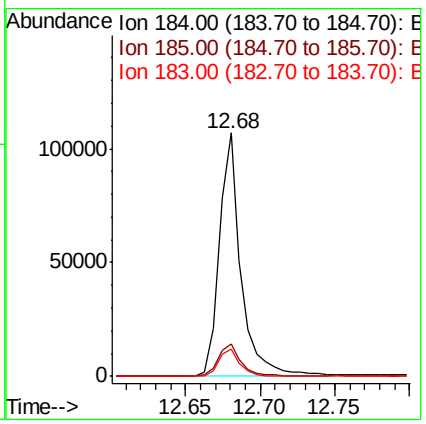


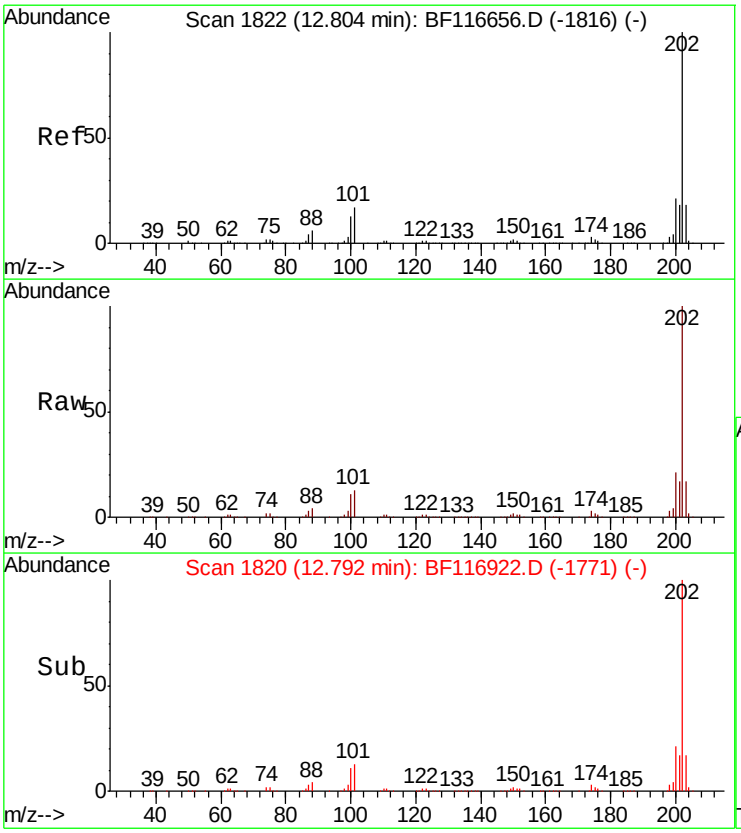

#77
Benzidine
Concen: 13.638 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:184 Resp: 109594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.4 | 11.3 | 16.9 |
| 183 | 11.3 | 9.2 | 13.8 |

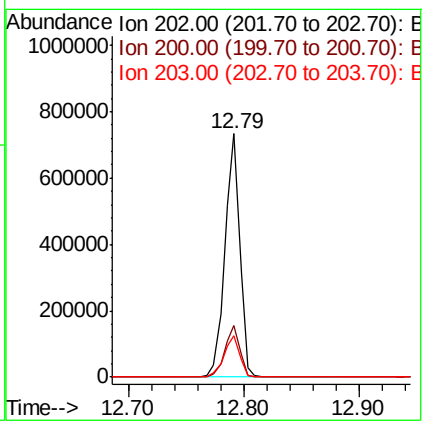


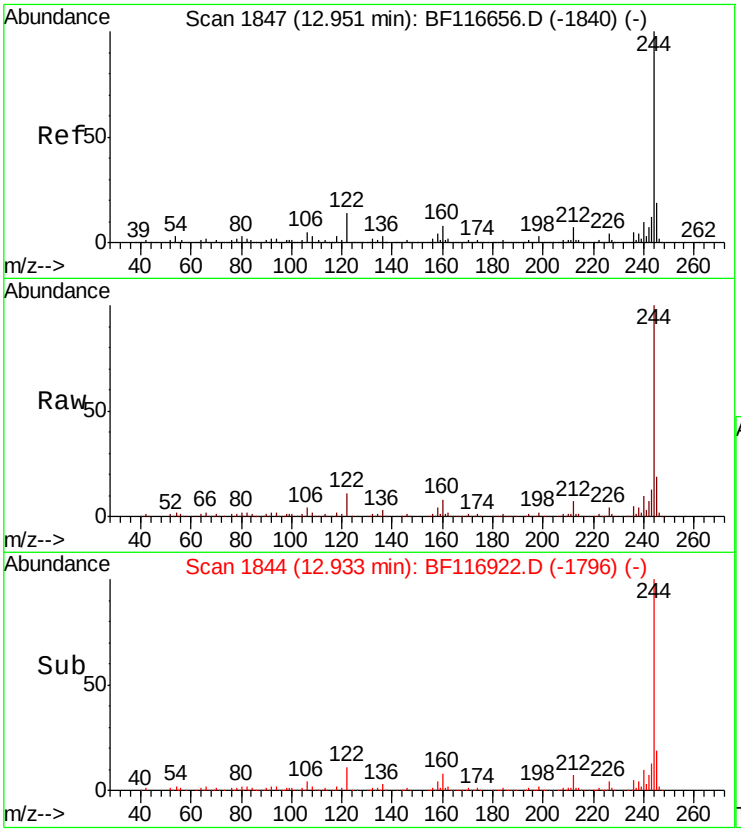




#78
Pyrene
Concen: 35.728 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:202 Resp: 650703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 16.5 | 24.7 |
| 203 | 17.3 | 13.7 | 20.5 |



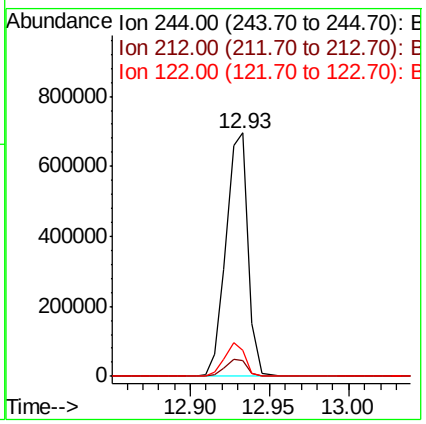


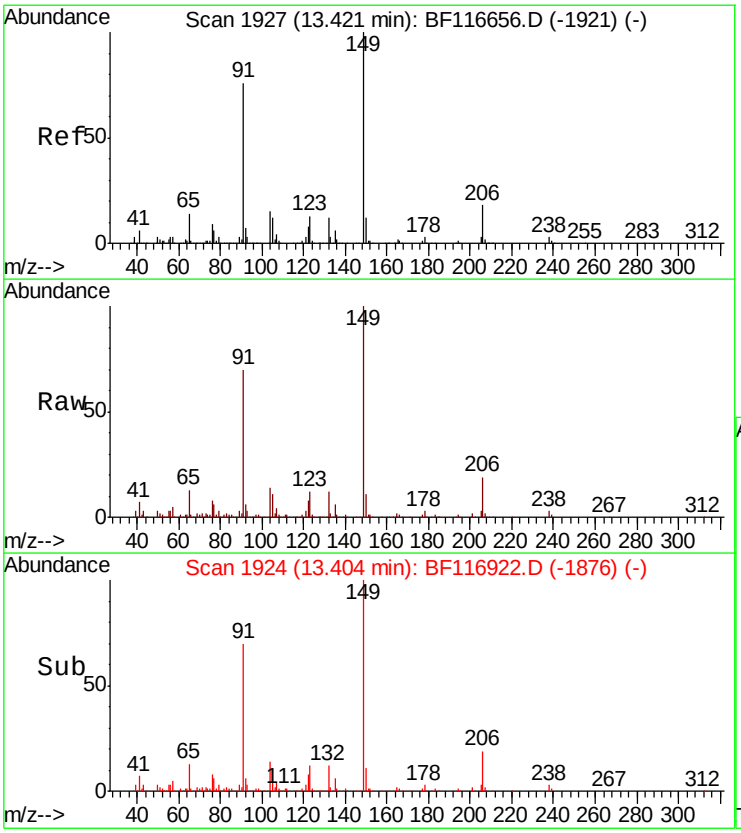

#79
Terphenyl-d14
Concen: 60.555 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:244 Resp: 670643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 6.1 | 9.1 |
| 122 | 10.7 | 10.2 | 15.4 |

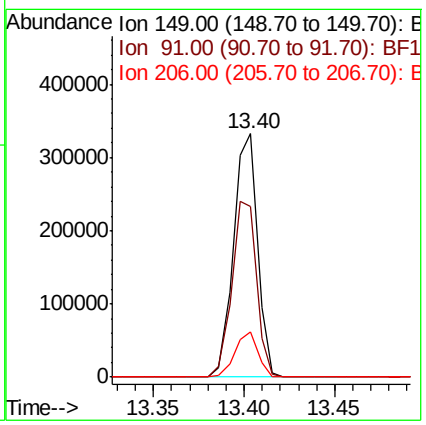


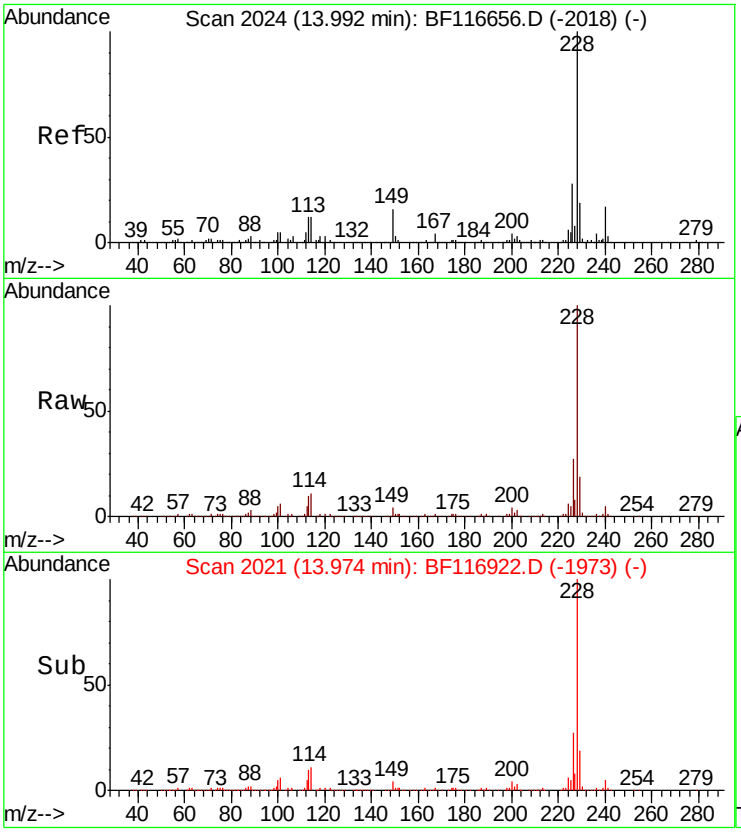




#80
Butylbenzylphthalate
Concen: 34.654 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:149 Resp: 306918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.1 | 61.0 | 91.4 |
| 206 | 18.7 | 14.8 | 22.2 |



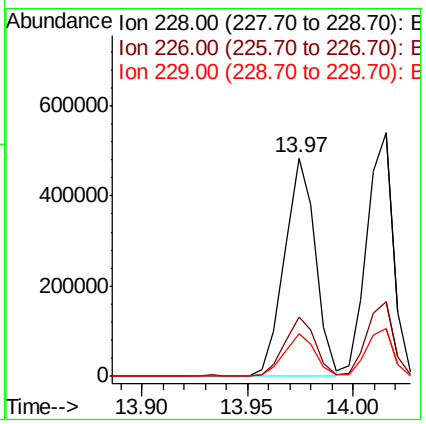


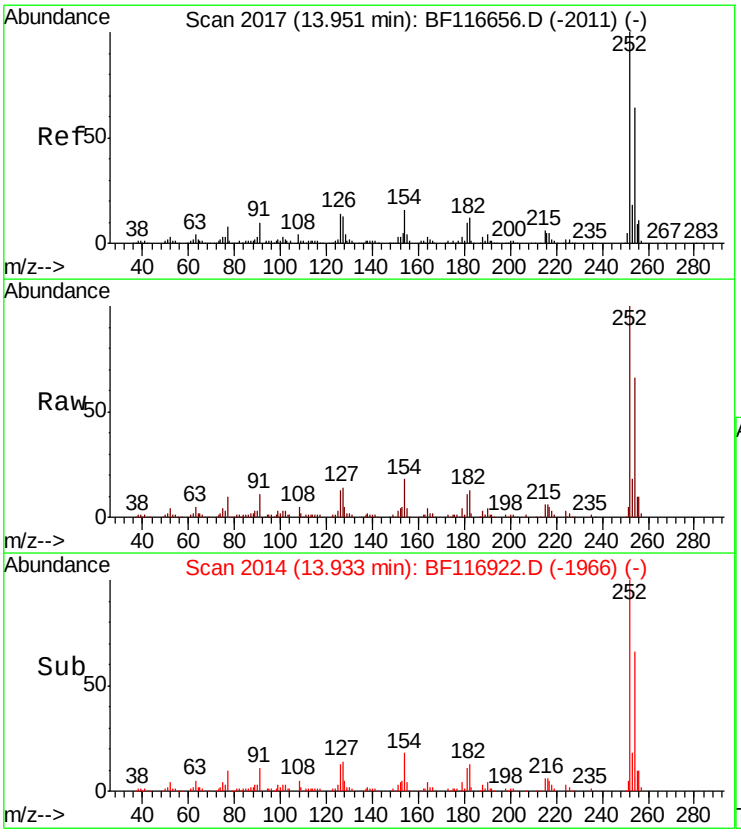

#81
Benzo(a)anthracene
Concen: 38.120 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:228 Resp: 494294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 22.0 | 33.0 |
| 229 | 19.3 | 16.4 | 24.6 |

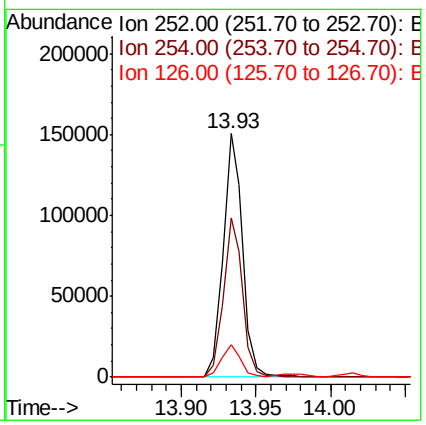


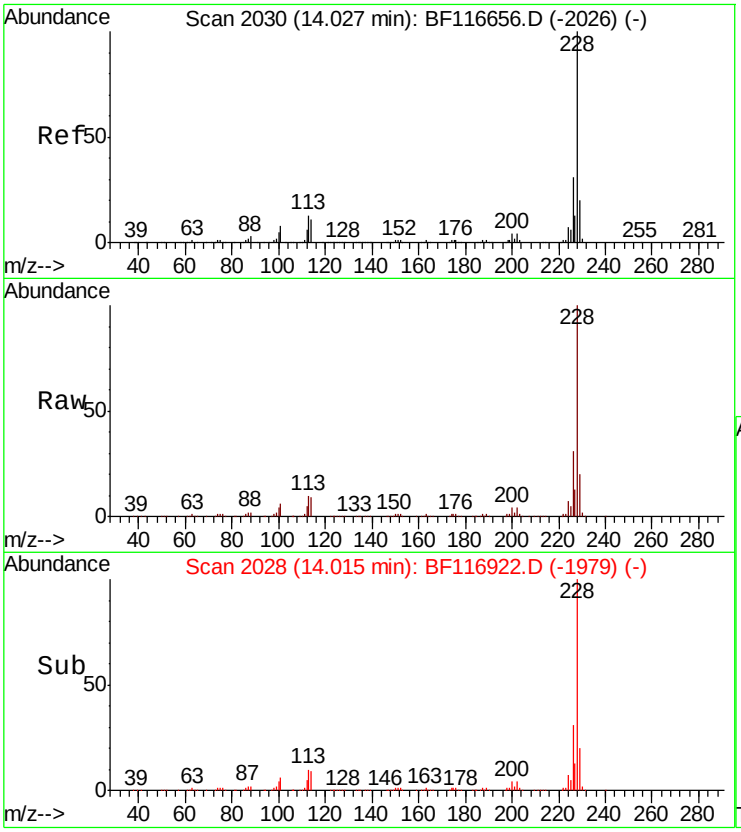




#82
3,3'-Dichlorobenzidine
Concen: 31.571 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:252 Resp: 138345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.5 | 50.1 | 75.1 |
| 126 | 13.5 | 10.6 | 16.0 |



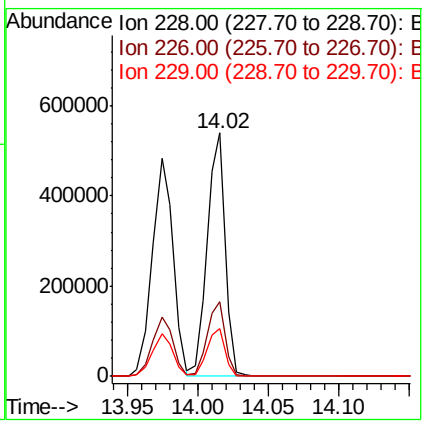


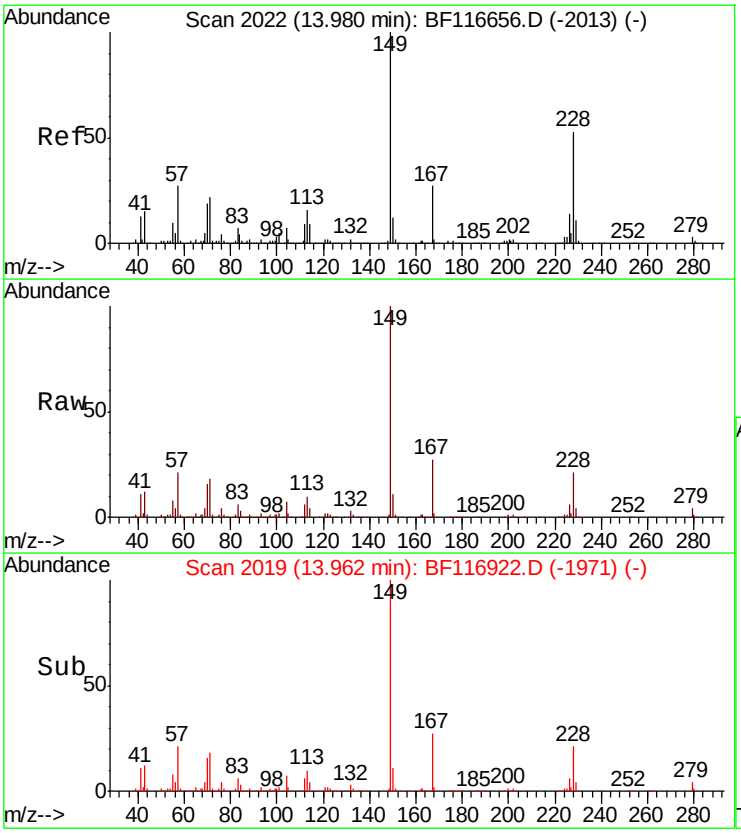

#83
Chrysene
Concen: 35.655 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:228 Resp: 476320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.0 | 36.0 |
| 229 | 19.6 | 15.4 | 23.0 |

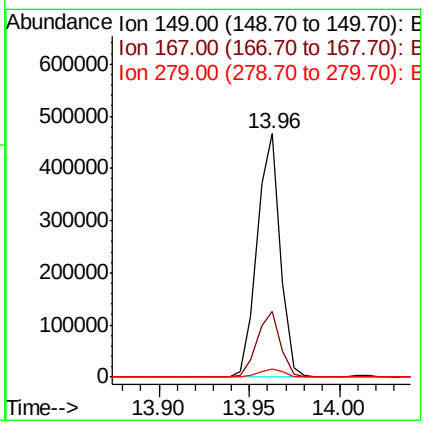


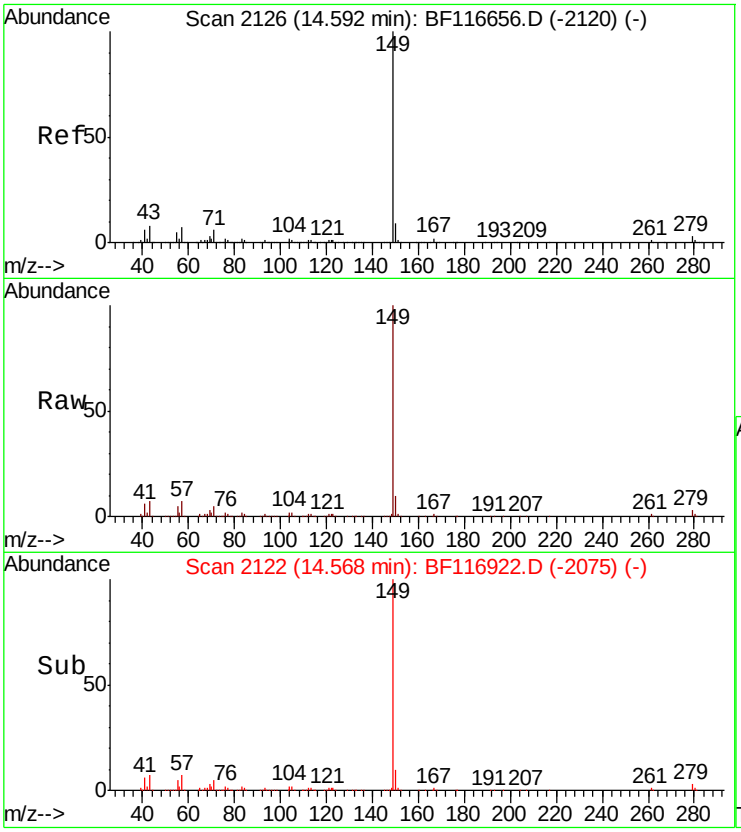




#84
Bis(2-ethylhexyl)phthalate
Concen: 37.781 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:149 Resp: 413052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.1 | 21.0 | 31.4 |
| 279 | 3.5 | 2.8 | 4.2 |



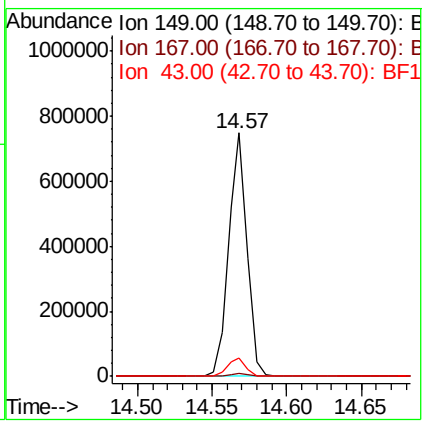


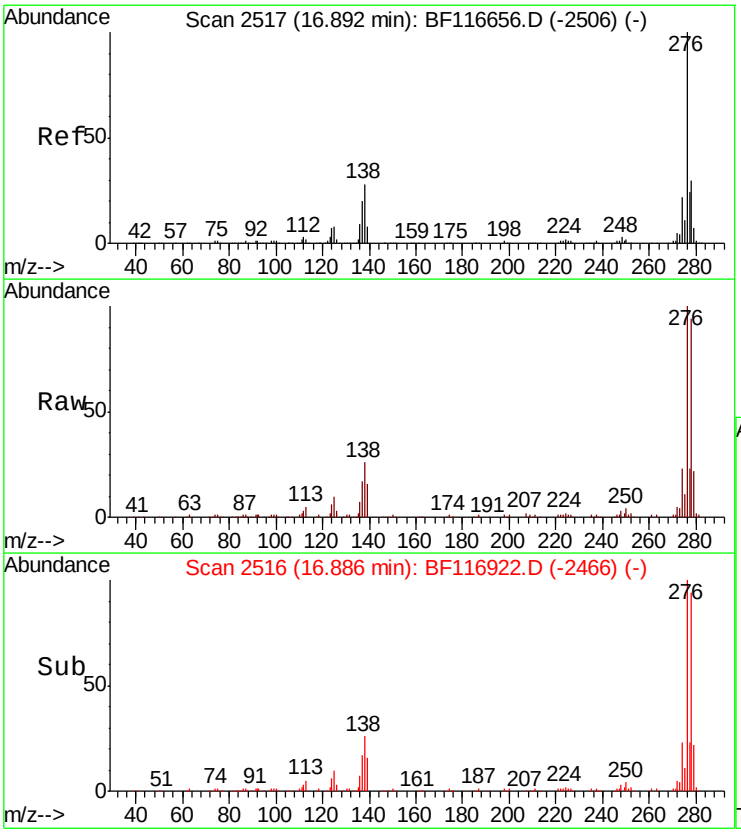

#85
Di-n-octyl phthalate
Concen: 36.280 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:149 Resp: 649105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 7.4 | 7.8 | 11.8# |

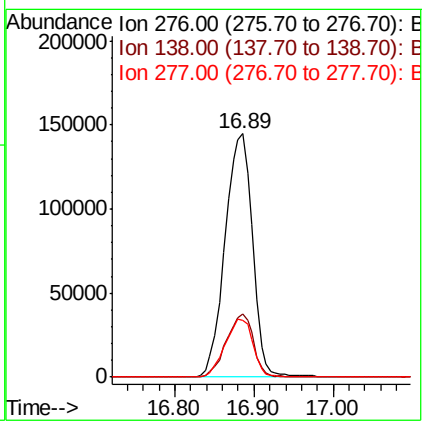


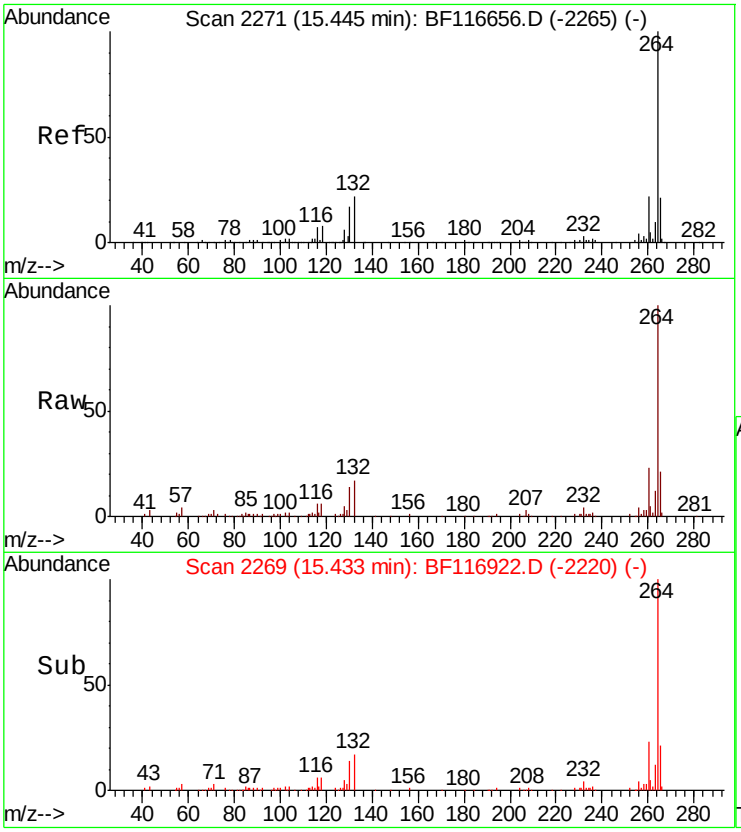




#86
Indeno(1,2,3-cd)pyrene
Concen: 32.342 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:276 Resp: 347035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.6 | 19.4 | 29.2 |
| 277 | 24.2 | 20.5 | 30.7 |



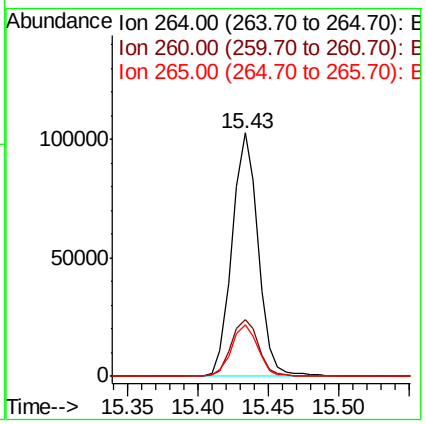


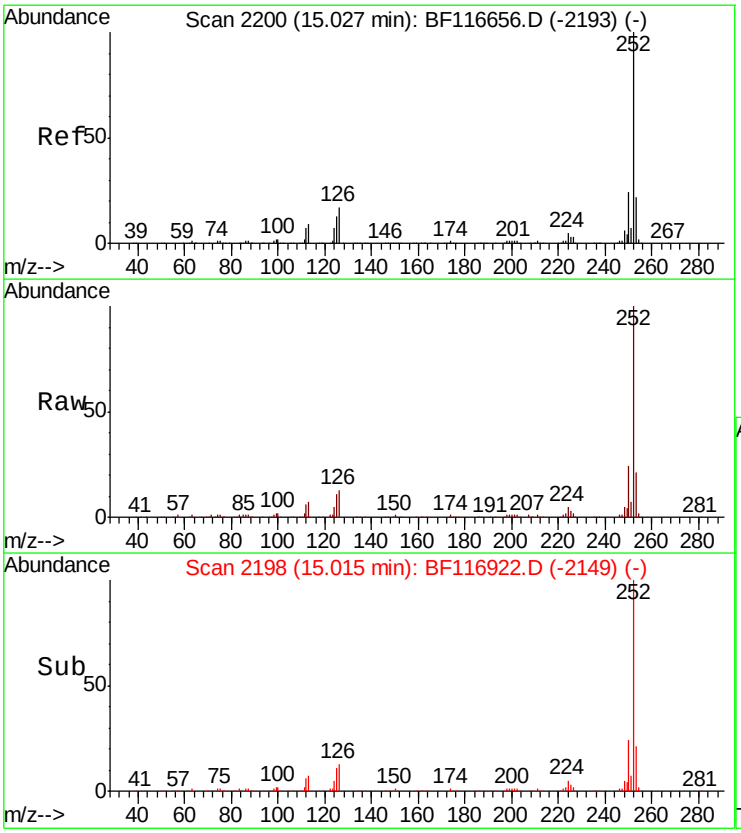

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:264 Resp: 132403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.3 | 27.5 |
| 265 | 21.0 | 16.5 | 24.7 |

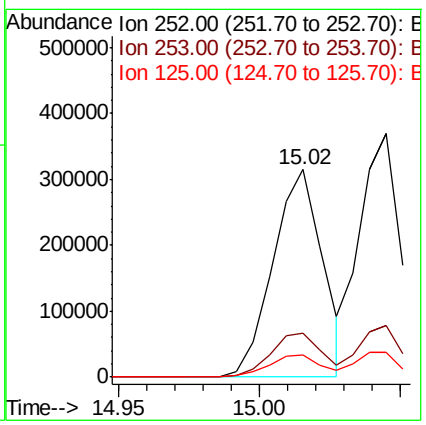


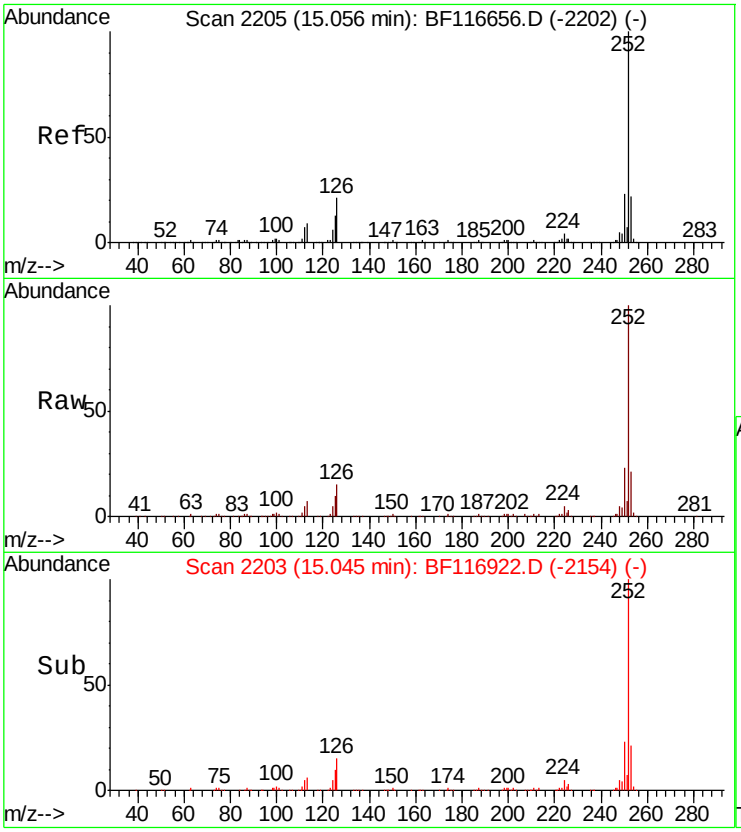




#88
Benzo(b)fluoranthene
Concen: 47.951 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:252 Resp: 383843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.7 | 26.5 |
| 125 | 10.7 | 8.2 | 12.2 |



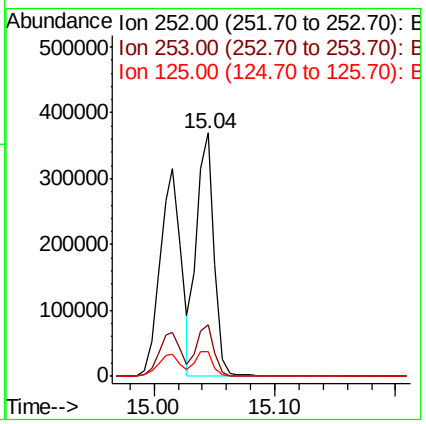


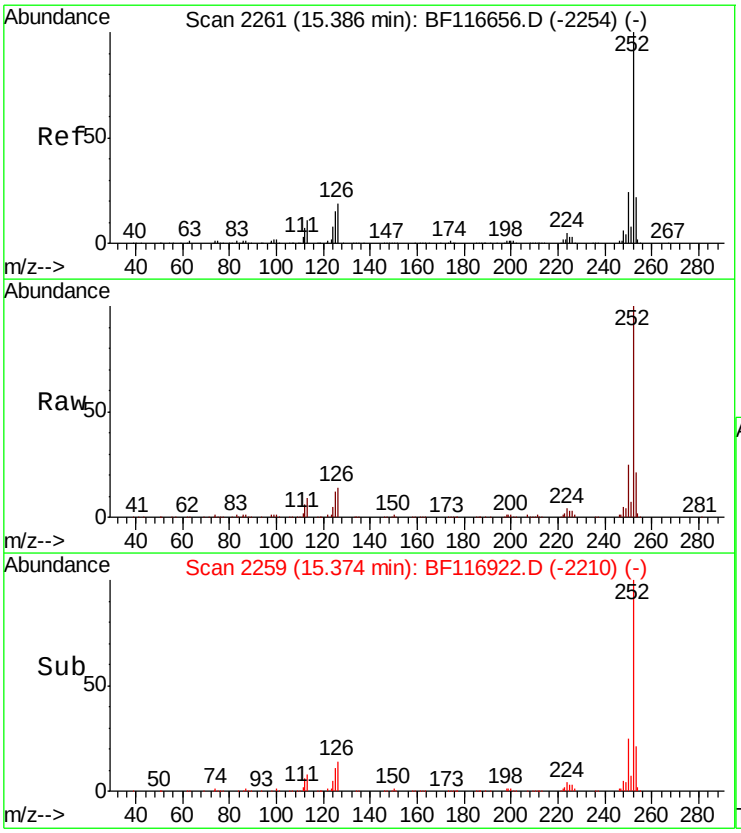

#89
Benzo(k)fluoranthene
Concen: 51.191 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:252 Resp: 373627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.7 | 26.5 |
| 125 | 10.2 | 8.6 | 13.0 |

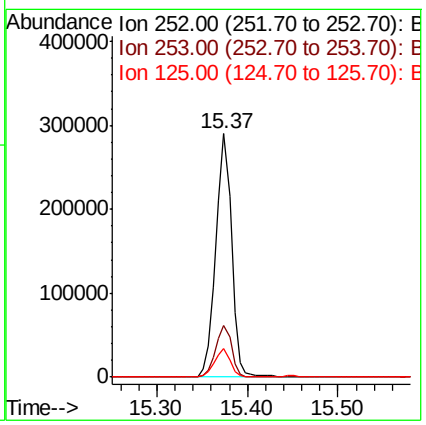


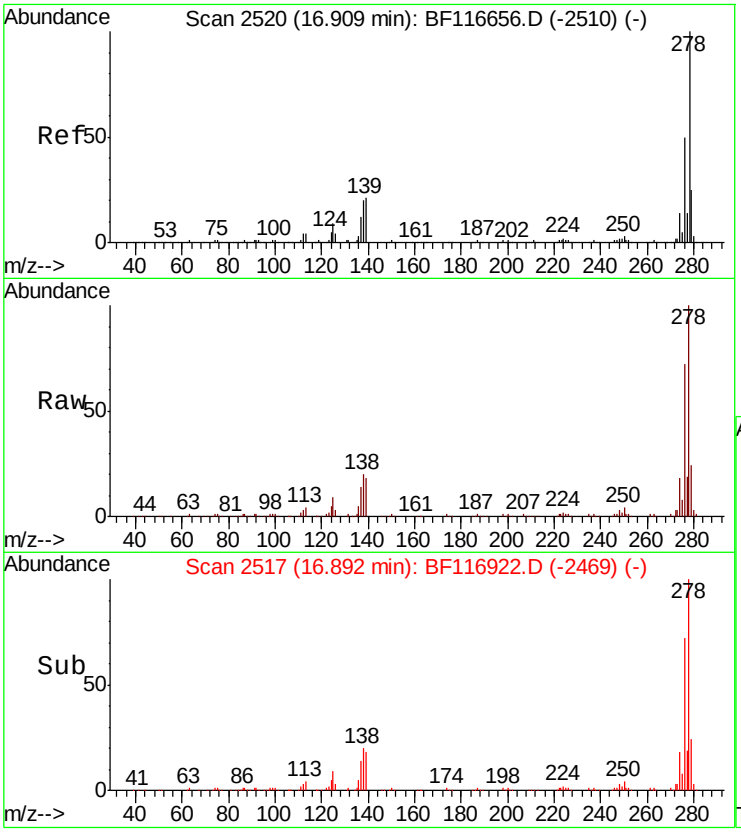




#90
Benzo(a)pyrene
Concen: 50.067 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:252 Resp: 348682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 18.1 | 27.1 |
| 125 | 11.7 | 9.8 | 14.8 |



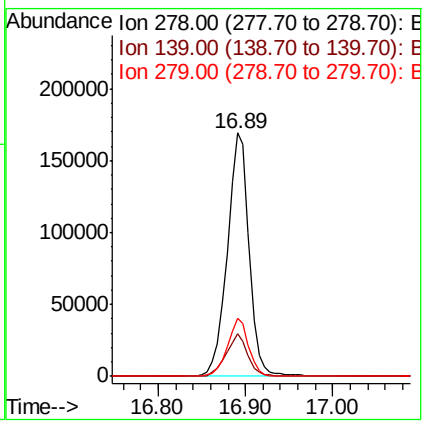


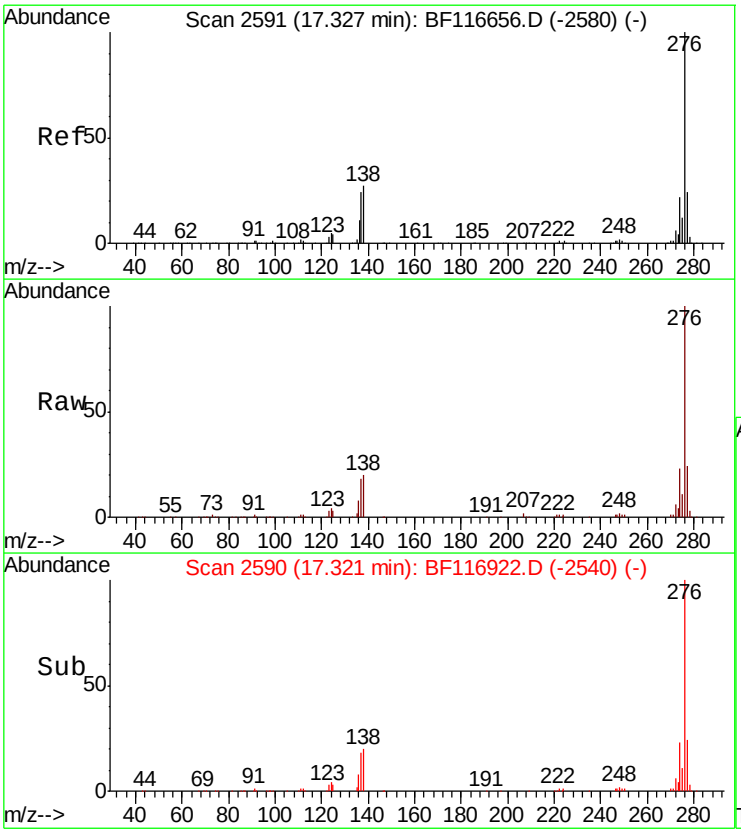

#91
Dibenzo(a,h)anthracene
Concen: 47.282 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

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

Tgt Ion:278 Resp: 288226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.6 | 12.4 | 18.6 |
| 279 | 23.7 | 18.2 | 27.4 |




#92
Benzo(g,h,i)perylene
Concen: 46.785 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:276 Resp: 290865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.5 | 27.7 |
| 138 | 20.2 | 16.2 | 24.2 |