Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

Quantitation Report (Not Reviewed)

Data File : BF118685.D
Acq On : 24 Jan 2020 15:00
Operator : CG/JU
Sample : L1241-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP-12MS

Quant Time: Jan 27 00:59:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 273139 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.15 | 136 | 1080289 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 575504 | 20.00 | ng | | -0.03 |
| 64) Phenanthrene-d10 | 11.38 | 188 | 1013551 | 20.00 | ng | | -0.03 |
| 76) Chrysene-d12 | 14.02 | 240 | 566548 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 15.47 | 264 | 627117 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 1605728 | 109.18 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 2011384 | 105.23 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 1387444 | 71.84 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 714294 | 107.31 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 2624290 | 74.95 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.96 | 244 | 2825743 | 108.79 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.68 | 88 | 303603 | 42.622 | ng | | 97 |
| 3) Pyridine | 3.47 | 79 | 782962 | 38.998 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.37 | 42 | 352797 | 40.988 | ng | | 83 |
| 6) Aniline | 6.52 | 93 | 714687 | 28.395 | ng | | 99 |
| 8) 2-Chlorophenol | 6.65 | 128 | 820815 | 49.725 | ng | | 95 |
| 9) Benzaldehyde | 6.41 | 77 | 415371 | 35.731 | ng | | 94 |
| 10) Phenol | 6.51 | 94 | 1024548 | 47.033 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.60 | 93 | 756313 | 46.796 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 892139 | 46.175 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.88 | 146 | 907938 | 46.814 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.04 | 146 | 846506 | 46.429 | ng | | 98 |
| 15) Benzyl Alcohol | 7.00 | 79 | 696386 | 45.940 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45 | 992404 | 44.084 | ng | | 99 |
| 17) 2-Methylphenol | 7.12 | 107 | 703416 | 51.158 | ng | | 96 |
| 18) Hexachloroethane | 7.38 | 117 | 335855 | 47.756 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70 | 573127 | 44.405 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 826398 | 49.227 | ng | | 95 |
| 22) Acetophenone | 7.27 | 105 | 1093953 | 42.747 | ng | # | 93 |
| 24) Nitrobenzene | 7.45 | 77 | 880888 | 44.544 | ng | | 94 |
| 25) Isophorone | 7.69 | 82 | 1603198 | 45.510 | ng | | 97 |
| 26) 2-Nitrophenol | 7.76 | 139 | 468077 | 55.504 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 741398 | 50.911 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 993571 | 43.773 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 750750 | 46.635 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 851013 | 45.592 | ng | | 99 |
| 31) Naphthalene | 8.17 | 128 | 2387277 | 48.919 | ng | | 99 |
| 32) Benzoic acid | 7.92 | 122 | 511872 | 46.835 | ng | | 94 |
| 33) 4-Chloroaniline | 8.21 | 127 | 277640 | 12.309 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.29 | 225 | 487805 | 42.914 | ng | | 99 |
| 35) Caprolactam | 8.58 | 113 | 137429 | 26.086 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 744580 | 46.838 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 1667425 | 48.407 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.96 | 142 | 1521193 | 46.484 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 792438 | 44.007 | ng | | 99 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

Quantitation Report (Not Reviewed)

Data File : BF118685.D
Acq On : 24 Jan 2020 15:00
Operator : CG/JU
Sample : L1241-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP-12MS

Quant Time: Jan 27 00:59:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.02 | 237 | 858152 | 94.456 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.13 | 196 | 565009 | 47.284 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.17 | 196 | 587580 | 48.148 ng | | 97 |
| 46) 1,1'-Biphenyl | 9.32 | 154 | 1936530 | 48.824 ng | | 98 |
| 47) 2-Chloronaphthalene | 9.35 | 162 | 1559880 | 46.659 ng | | 98 |
| 48) 2-Nitroaniline | 9.44 | 65 | 424586 | 41.315 ng | # | 84 |
| 49) Acenaphthylene | 9.76 | 152 | 2360732 | 50.195 ng | | 97 |
| 50) Dimethylphthalate | 9.62 | 163 | 2072626 | 55.278 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.68 | 165 | 422219 | 50.287 ng | # | 78 |
| 52) Acenaphthene | 9.93 | 154 | 1588621 | 50.515 ng | | 98 |
| 53) 3-Nitroaniline | 9.85 | 138 | 228510 | 23.835 ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.95 | 184 | 364249 | 108.668 ng | # | 36 |
| 55) Dibenzofuran | 10.10 | 168 | 2132549 | 48.932 ng | | 96 |
| 56) 4-Nitrophenol | 10.01 | 139 | 669376 | 92.487 ng | | 86 |
| 57) 2,4-Dinitrotoluene | 10.08 | 165 | 546297 | 51.613 ng | | 98 |
| 58) Fluorene | 10.45 | 166 | 1591775 | 46.524 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 503763 | 46.932 ng | | 97 |
| 60) Diethylphthalate | 10.32 | 149 | 1710750 | 47.058 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.44 | 204 | 857737 | 46.094 ng | | 98 |
| 62) 4-Nitroaniline | 10.46 | 138 | 366506 | 37.269 ng | | 94 |
| 63) Azobenzene | 10.60 | 77 | 1556856 | 44.219 ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 271784 | 60.981 ng | | 78 |
| 66) n-Nitrosodiphenylamine | 10.56 | 169 | 1500040 | 49.075 ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.93 | 248 | 580771 | 46.380 ng | # | 94 |
| 68) Hexachlorobenzene | 11.00 | 284 | 652331 | 45.949 ng | | 95 |
| 69) Atrazine | 11.08 | 200 | 480699 | 45.373 ng | | 99 |
| 70) Pentachlorophenol | 11.19 | 266 | 689016 | 87.293 ng | | 98 |
| 71) Phenanthrene | 11.41 | 178 | 2360835 | 48.281 ng | | 95 |
| 72) Anthracene | 11.46 | 178 | 2410844 | 49.827 ng | | 95 |
| 73) Carbazole | 11.61 | 167 | 2034931 | 45.853 ng | | 97 |
| 74) Di-n-butylphthalate | 11.94 | 149 | 2463175 | 49.956 ng | | 98 |
| 75) Fluoranthene | 12.59 | 202 | 2334432 | 45.264 ng | | 97 |
| 77) Benzidine | 12.71 | 184 | 940689 | 62.142 ng | | 98 |
| 78) Pyrene | 12.82 | 202 | 2290990 | 59.563 ng | | 95 |
| 80) Butylbenzylphthalate | 13.44 | 149 | 893980 | 56.791 ng | | 94 |
| 81) Benzo(a)anthracene | 14.00 | 228 | 1669732 | 48.993 ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.96 | 252 | 379078 | 31.215 ng | | 98 |
| 83) Chrysene | 14.04 | 228 | 1664789 | 50.968 ng | | 94 |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 1121295 | 58.304 ng | | 98 |
| 85) Di-n-octyl phthalate | 14.60 | 149 | 1657255 | 58.217 ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 2089341 | 73.618 ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.05 | 252 | 1636279 | 41.510 ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.08 | 252 | 1628318 | 44.587 ng | | 99 |
| 90) Benzo(a)pyrene | 15.42 | 252 | 1553657 | 45.691 ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.96 | 278 | 1740770 | 57.874 ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.39 | 276 | 1845471 | 63.191 ng | | 98 |

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

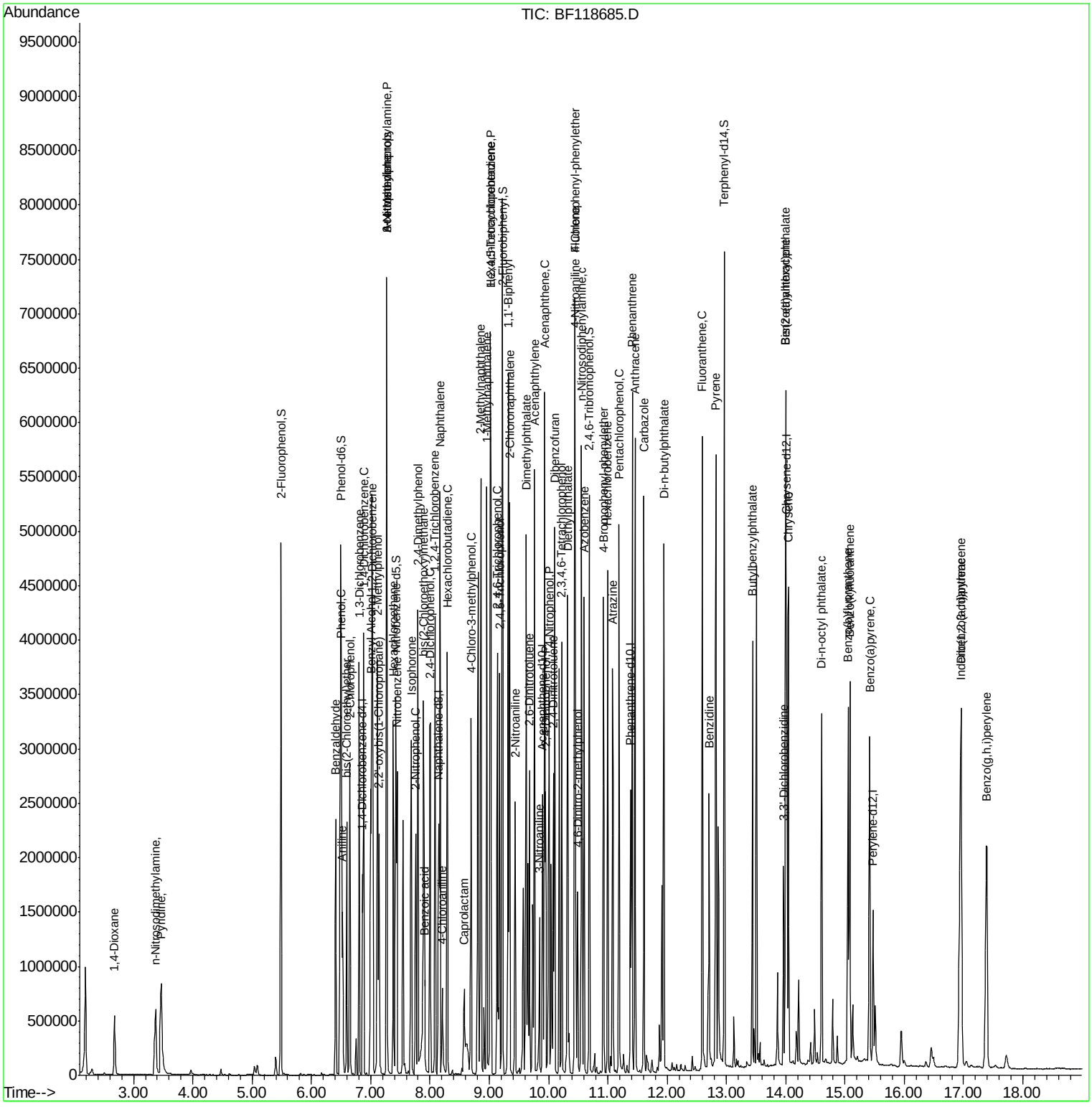
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

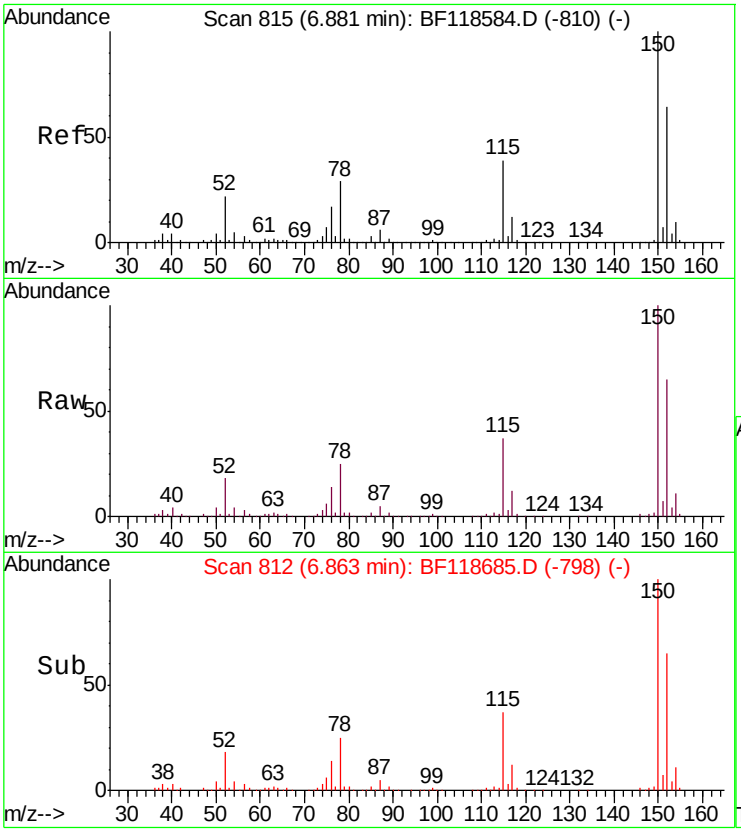
Quantitation Report (Not Reviewed)

Data File : BF118685.D
Acq On : 24 Jan 2020 15:00
Operator : CG/JU
Sample : L1241-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Quant Time: Jan 27 00:59:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



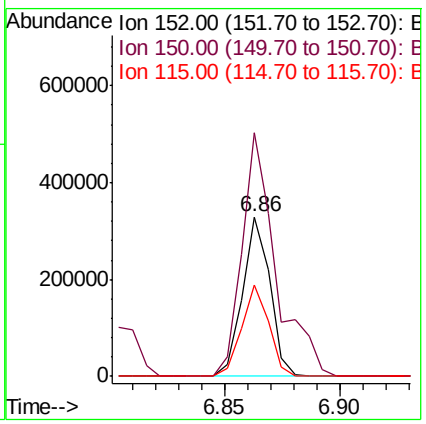


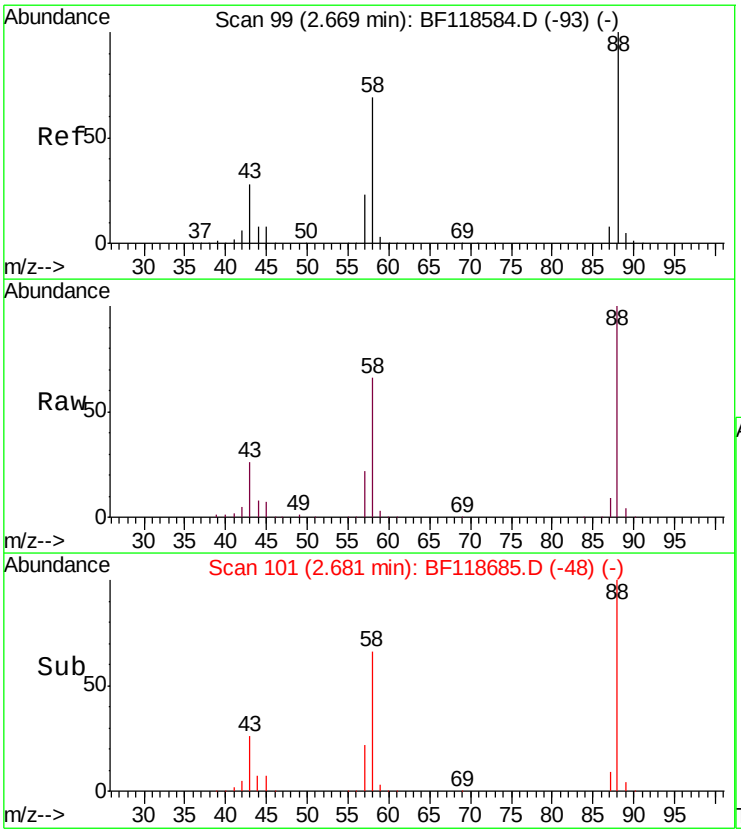

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:152 Resp: 273139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.0 | 125.6 | 188.4 |
| 115 | 57.2 | 48.4 | 72.6 |

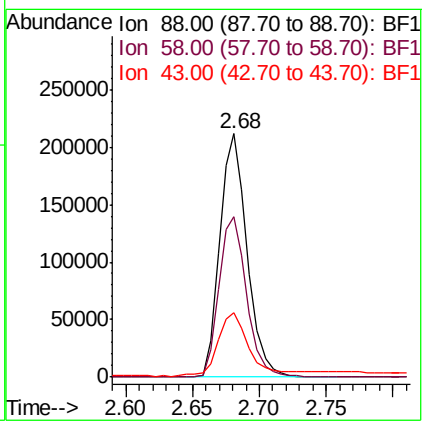


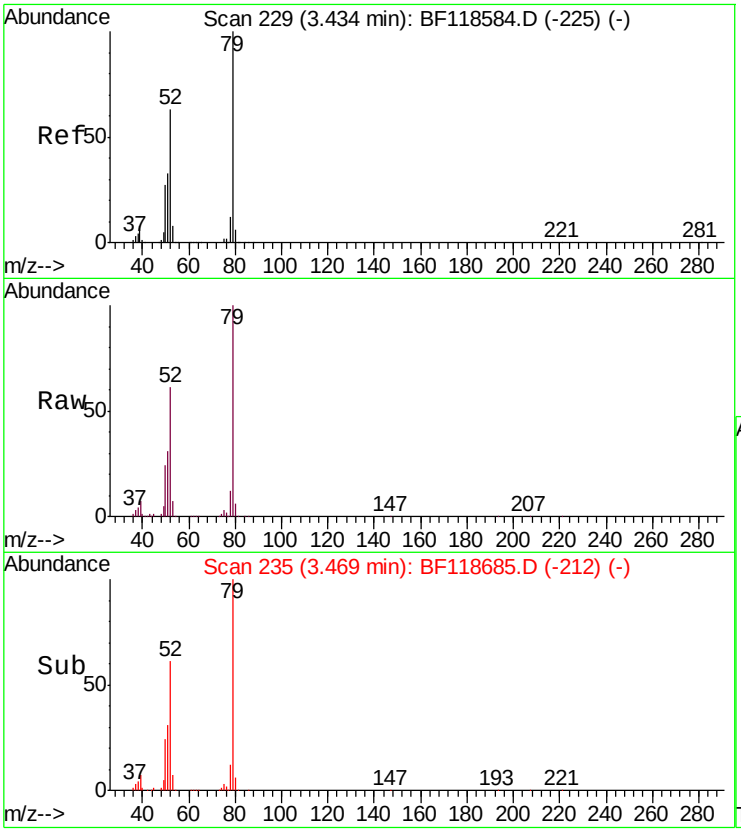




#2
1,4-Dioxane
Concen: 42.622 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 88 Resp: 303603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.9 | 56.1 | 84.1 |
| 43 | 29.9 | 23.0 | 34.6 |



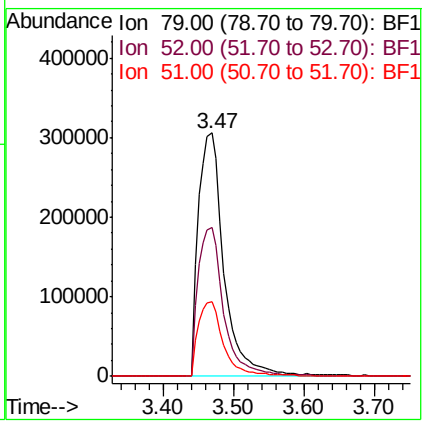


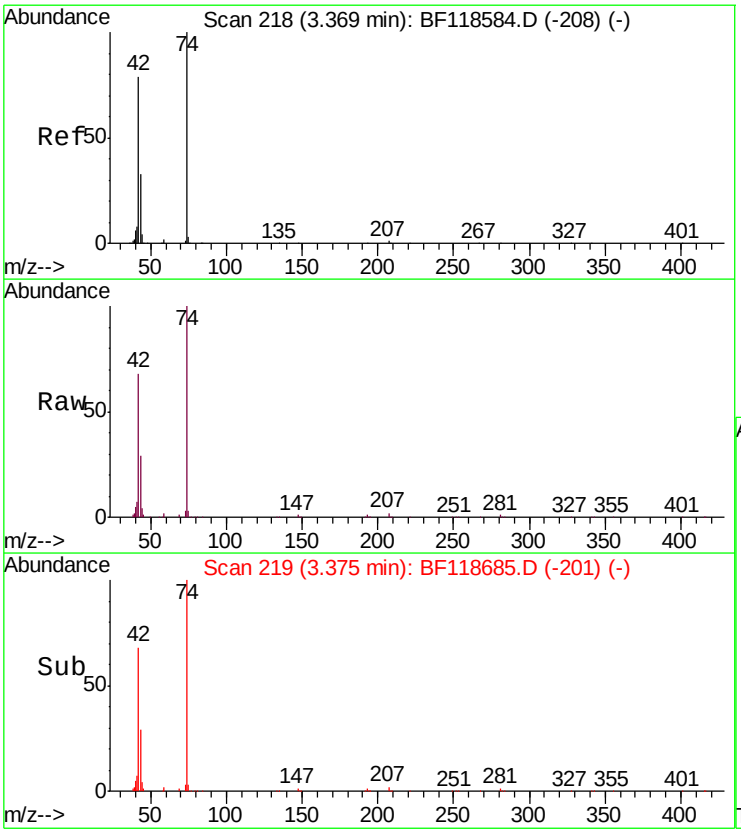

#3
Pyridine
Concen: 38.998 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 79 Resp: 782962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 61.3 | 50.7 | 76.1 |
| 51 | 30.8 | 26.6 | 40.0 |

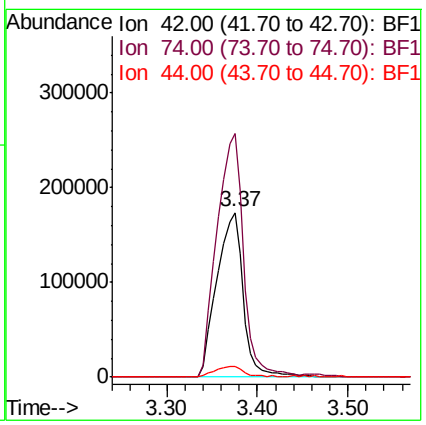


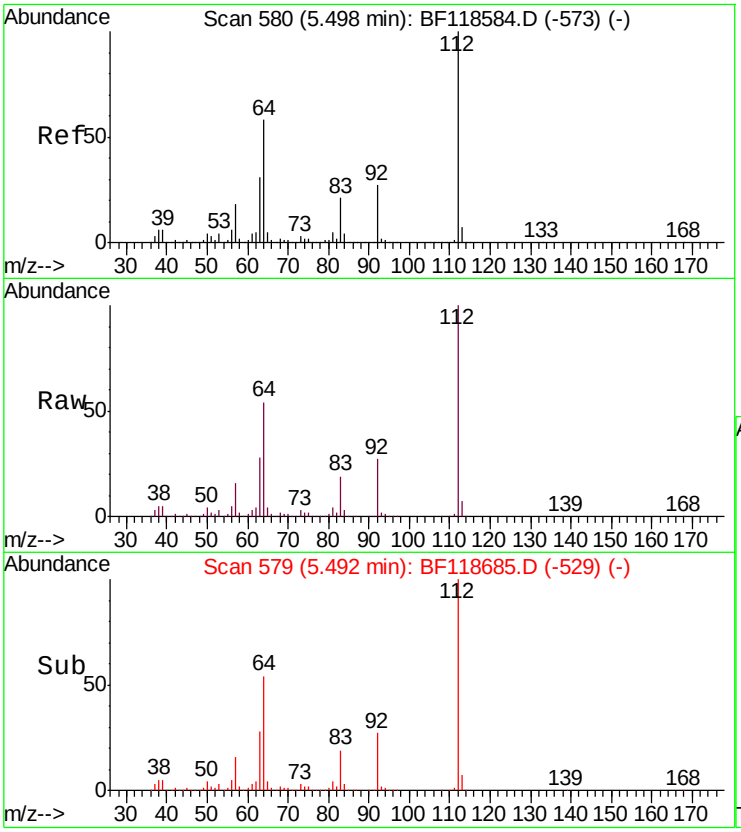




#4
n-Nitrosodimethylamine
Concen: 40.988 ng
RT: 3.37 min Scan# 219
Delta R.T. 0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 42 Resp: 352797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 148.0 | 101.6 | 152.4 |
| 44 | 6.3 | 4.9 | 7.3 |



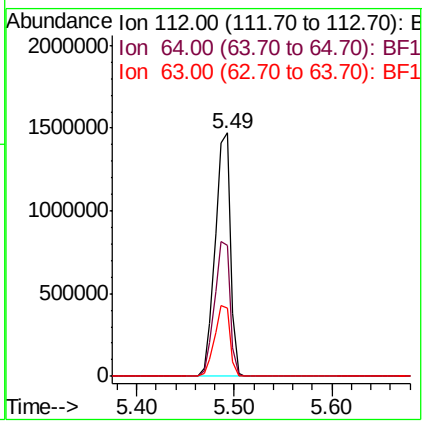


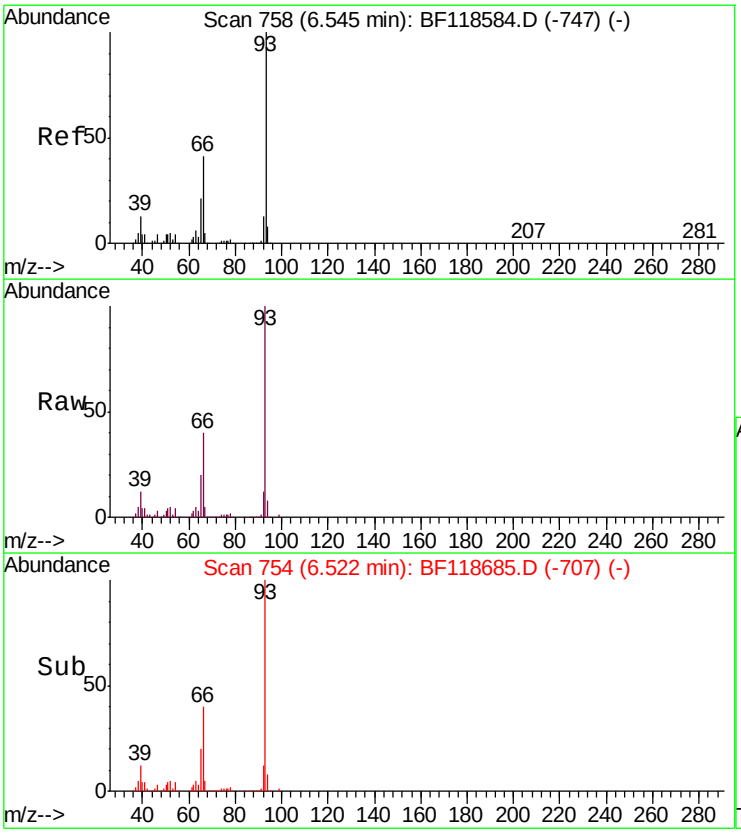

#5
2-Fluorophenol
Concen: 109.184 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:112 Resp: 1605728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.9 | 46.6 | 70.0 |
| 63 | 28.2 | 25.1 | 37.7 |

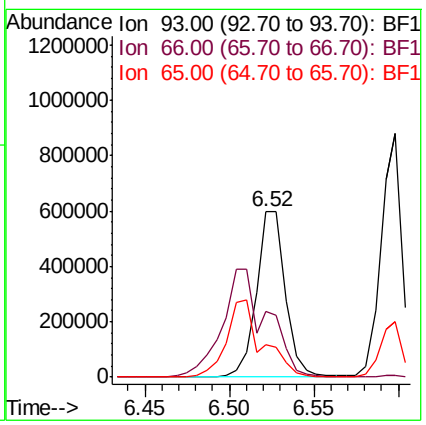


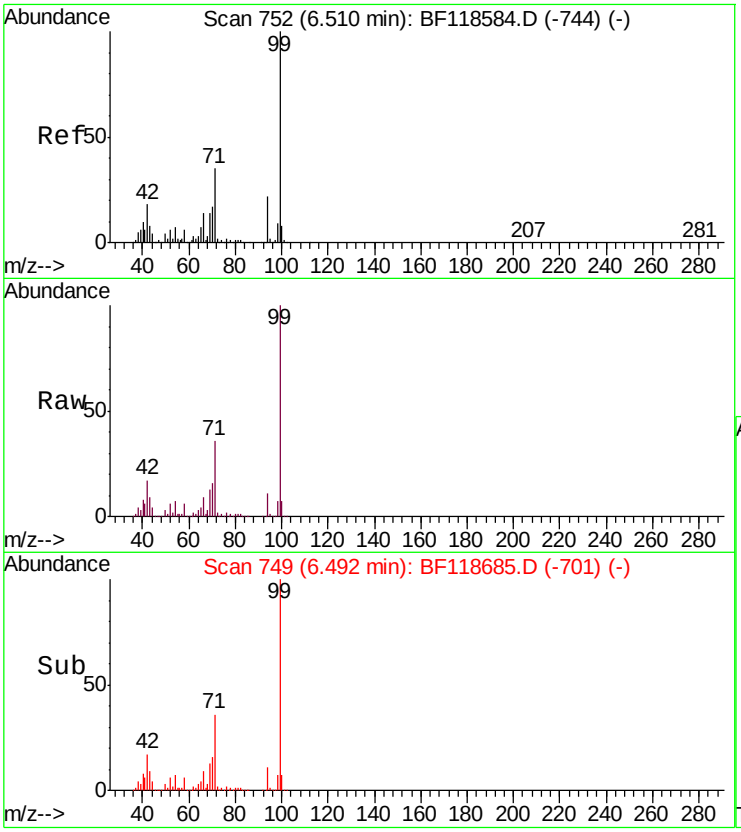




#6
Aniline
Concen: 28.395 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 93 Resp: 714687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.1 | 32.8 | 49.2 |
| 65 | 19.9 | 16.5 | 24.7 |



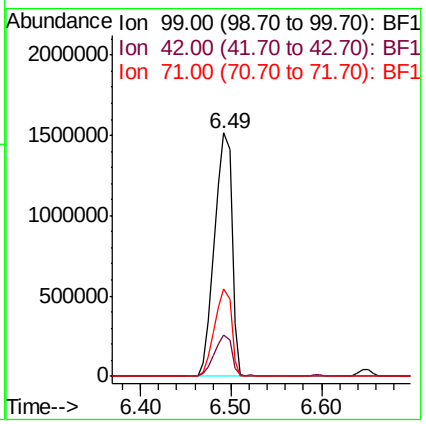


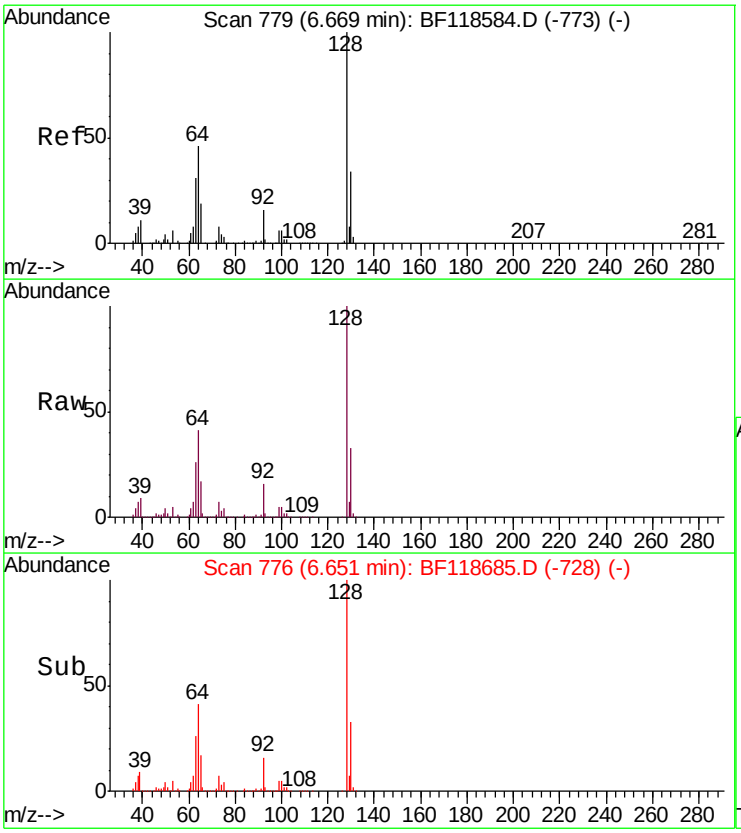

#7
Phenol-d6
Concen: 105.226 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 99 Resp: 2011384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 14.2 | 21.2 |
| 71 | 35.9 | 27.8 | 41.6 |

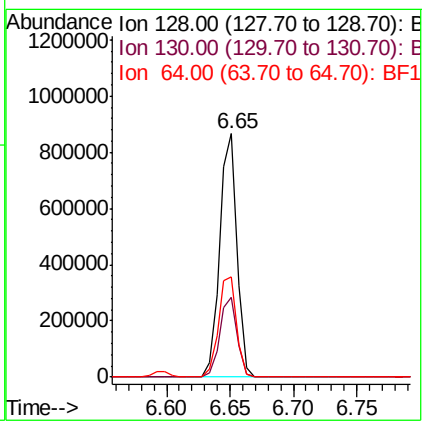


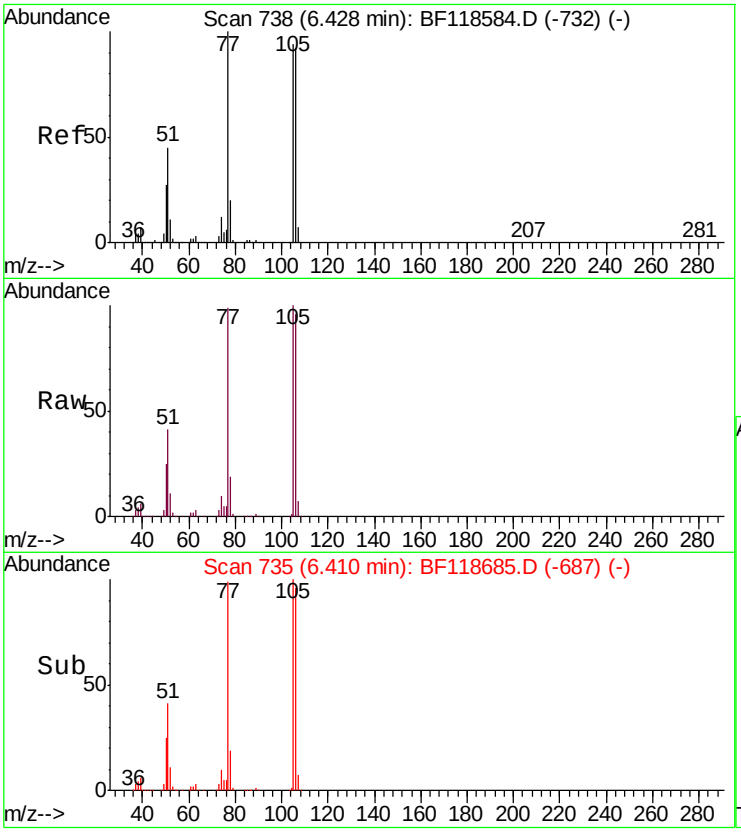




#8
2-Chlorophenol
Concen: 49.725 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:128 Resp: 820815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 13.6 | 53.6 |
| 64 | 41.1 | 26.4 | 66.4 |



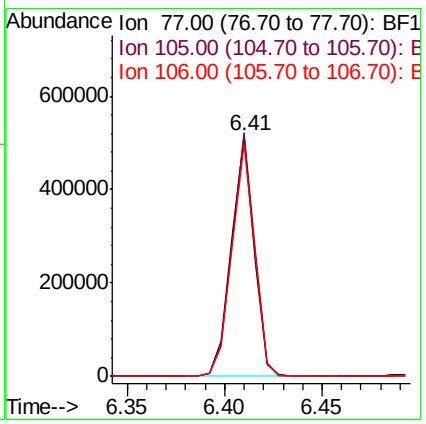


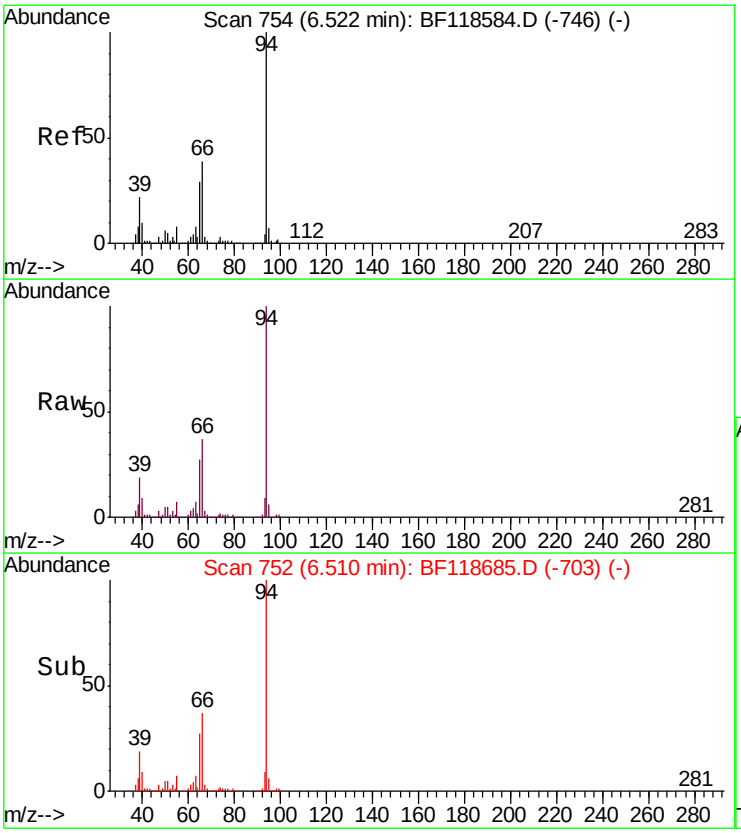

#9
Benzaldehyde
Concen:  35.731 ng
RT: 6.41 min  Scan# 735
Delta R.T.  -0.02 min
Lab File:  BF118685.D
Acq: 24 Jan 2020  15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 77 Resp:  415371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.1 | 73.5 | 113.5 |
| 106 | 96.6 | 71.9 | 111.9 |

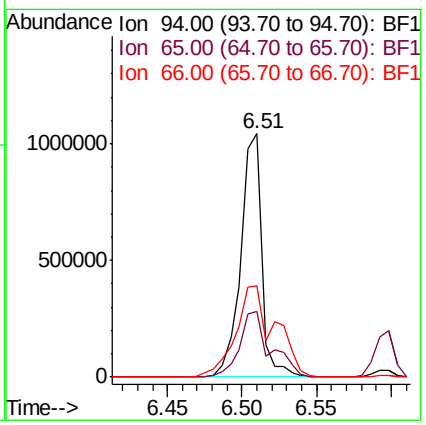


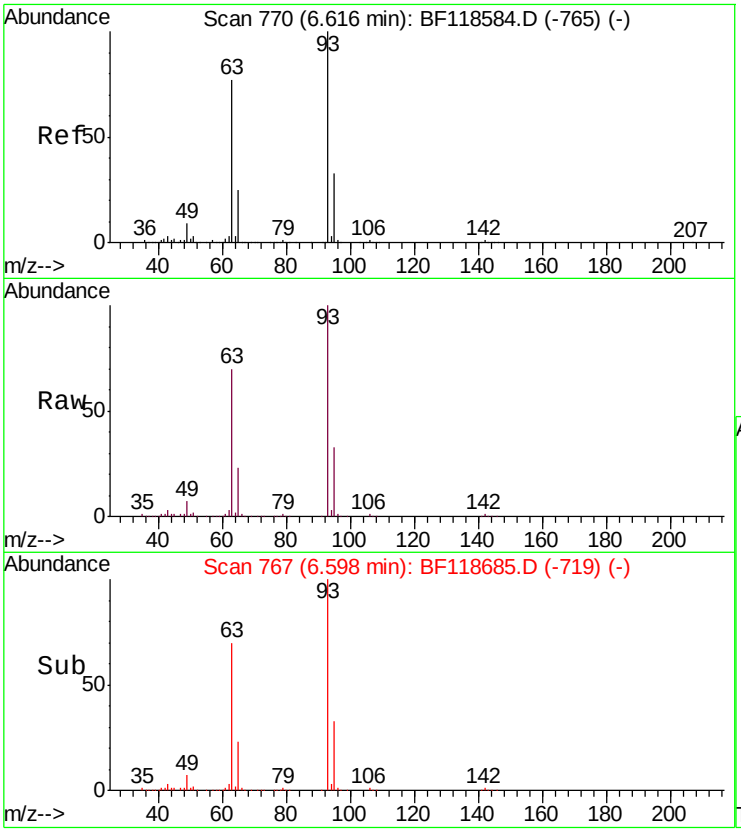




#10
Phenol
Concen:  47.033 ng
RT: 6.51 min  Scan# 752
Delta R.T.  -0.01 min
Lab File:  BF118685.D
Acq: 24 Jan 2020  15:00

Tgt Ion: 94 Resp: 1024548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.9 | 9.5 | 49.5 |
| 66 | 37.4 | 18.5 | 58.5 |



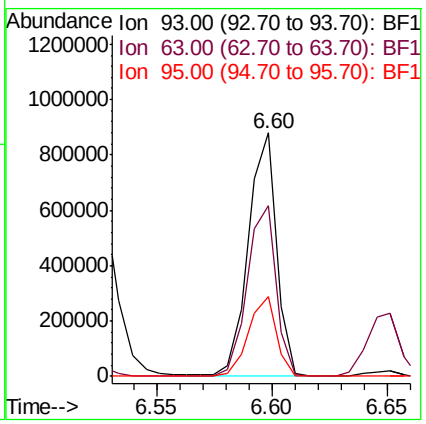


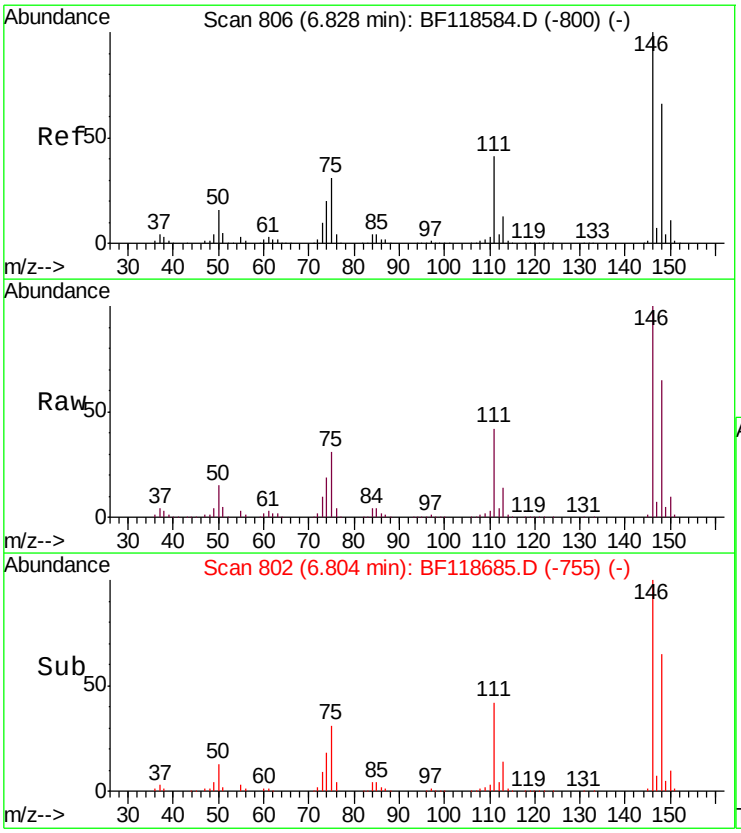

#11
bis(2-Chloroethyl)ether
Concen: 46.796 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 93 Resp: 756313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.9 | 56.3 | 96.3 |
| 95 | 33.0 | 13.3 | 53.3 |

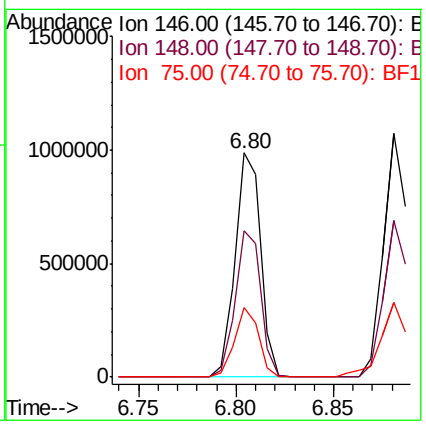


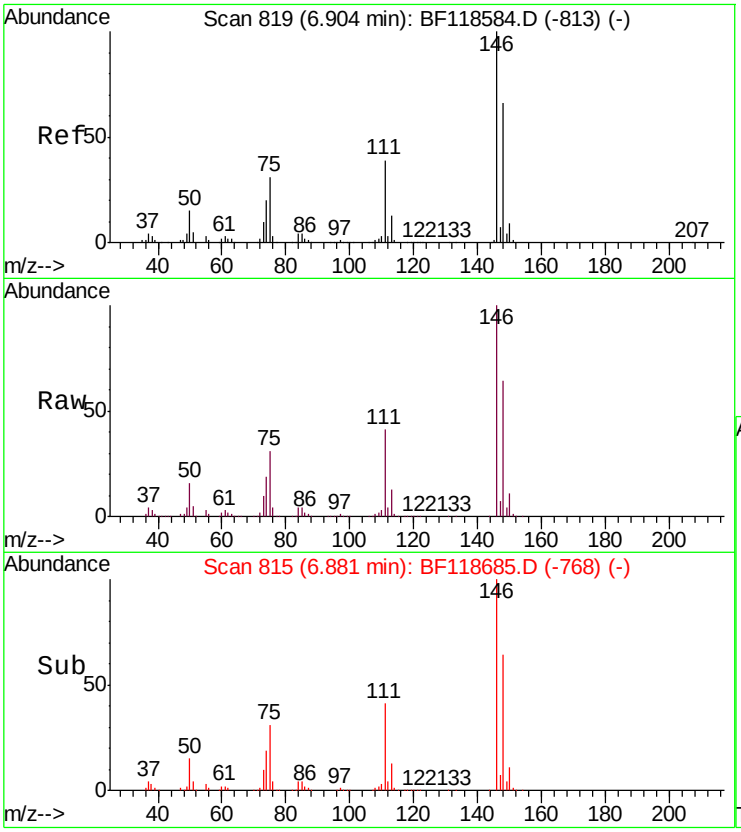




#12
1,3-Dichlorobenzene
Concen: 46.175 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:146 Resp: 892139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 53.0 | 79.6 |
| 75 | 31.0 | 25.1 | 37.7 |



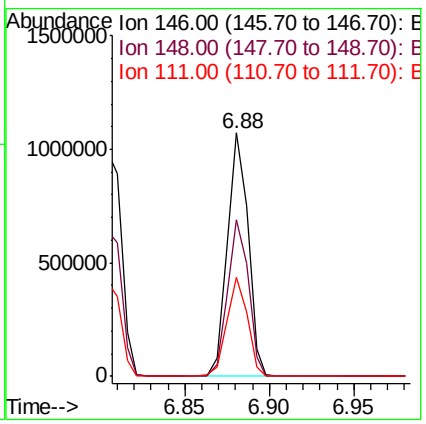


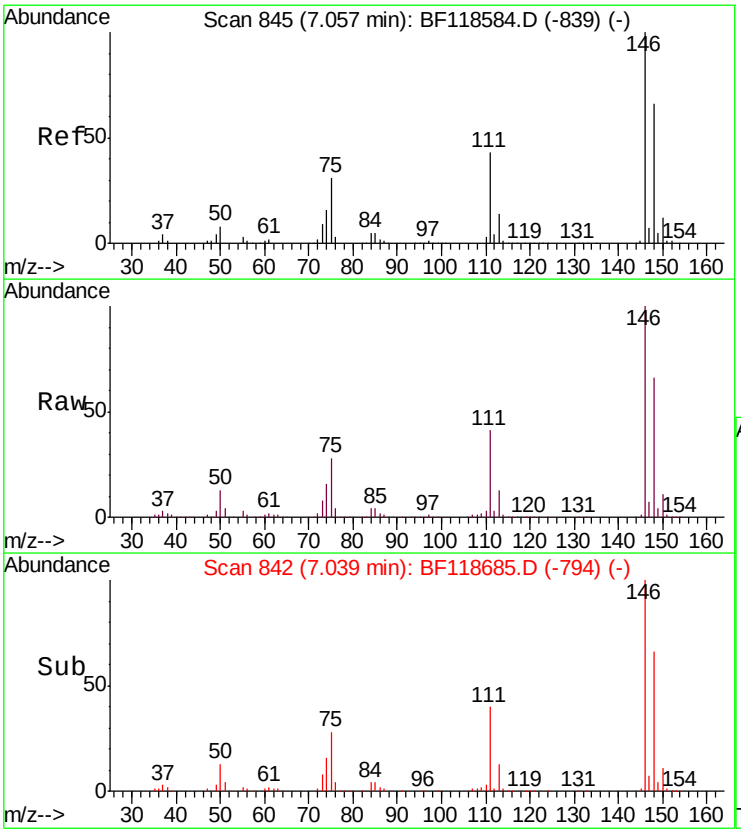

#13
1,4-Dichlorobenzene
Concen: 46.814 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:146 Resp: 907938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 52.4 | 78.6 |
| 111 | 40.6 | 31.6 | 47.4 |

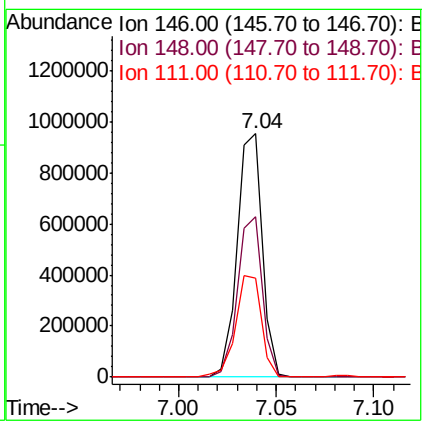


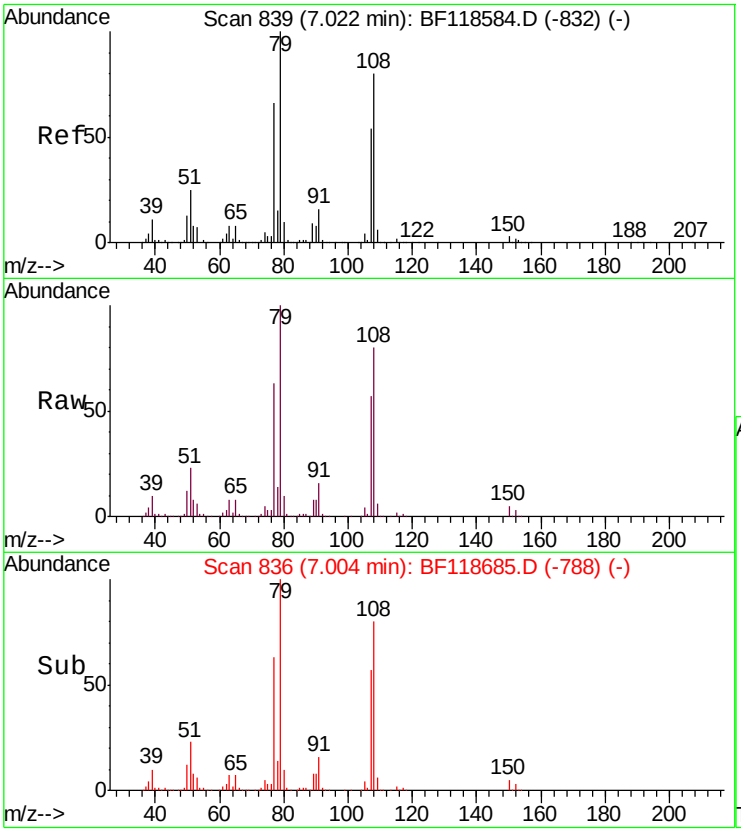




#14
1,2-Dichlorobenzene
Concen: 46.429 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:146 Resp: 846506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.9 | 52.7 | 79.1 |
| 111 | 40.6 | 34.6 | 52.0 |



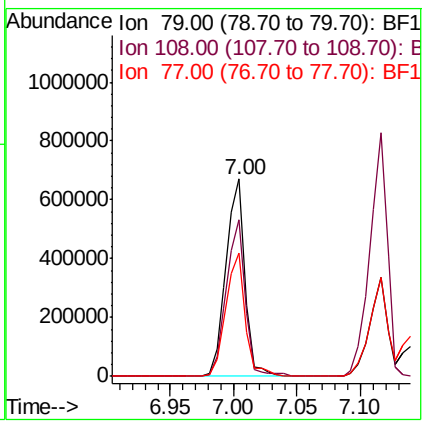


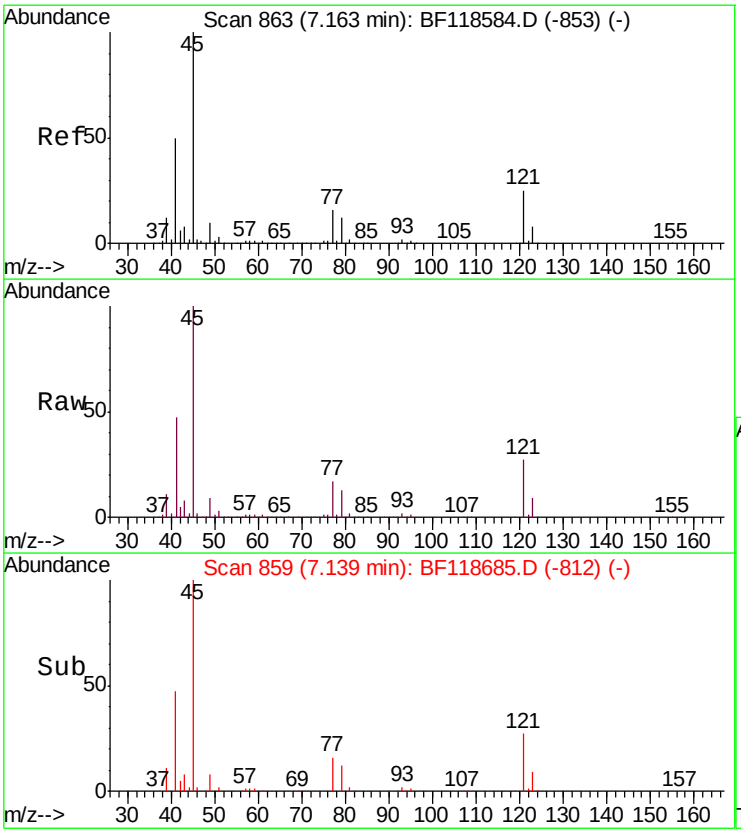

#15
Benzyl Alcohol
Concen: 45.940 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 79 Resp: 696386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.8 | 63.6 | 95.4 |
| 77 | 62.7 | 52.5 | 78.7 |

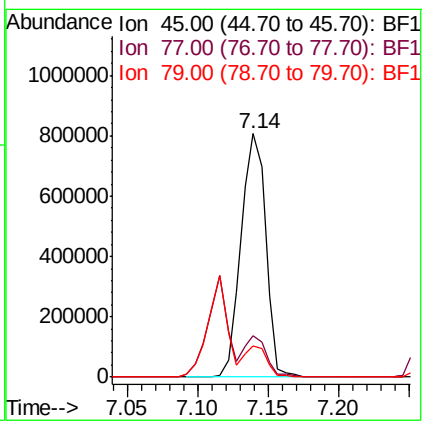


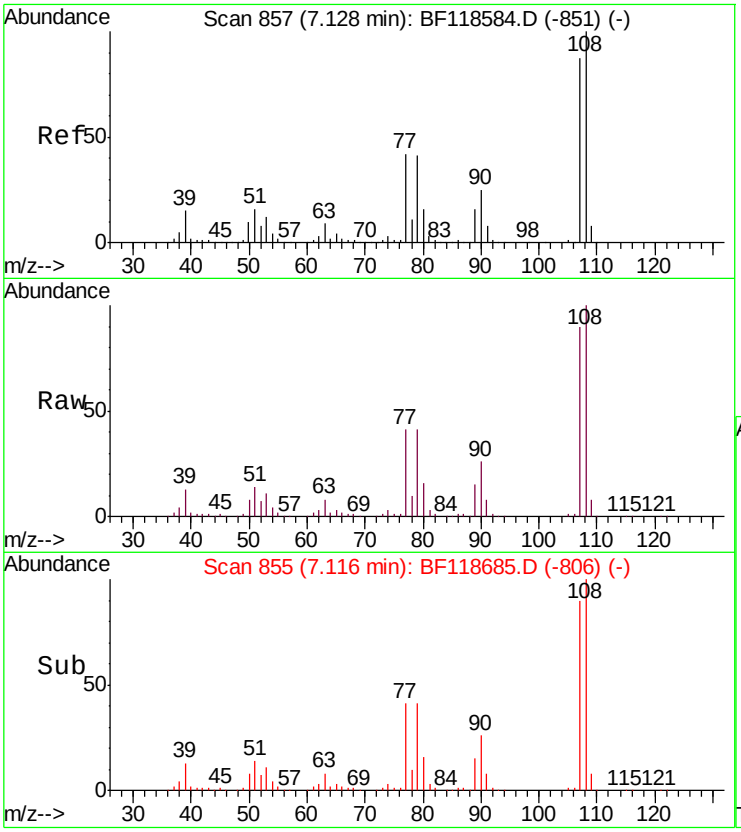




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.084 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 45 Resp: 992404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.9 | 0.0 | 36.1 |
| 79 | 12.7 | 0.0 | 32.4 |



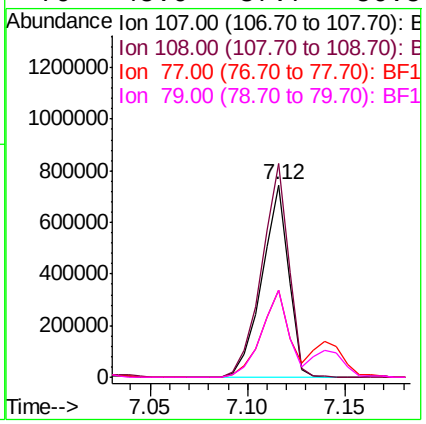


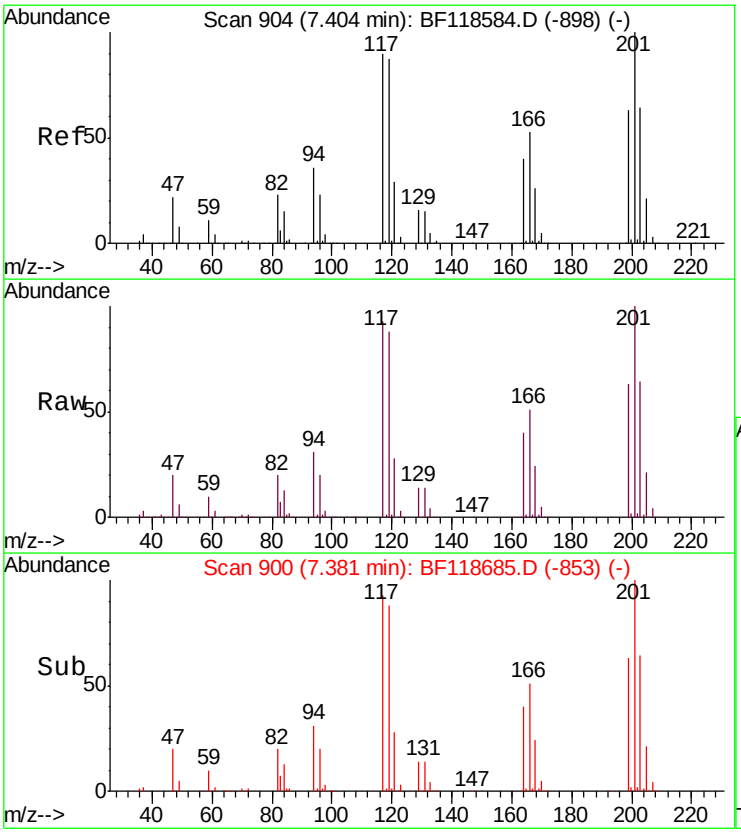

#17
2-Methylphenol
Concen: 51.158 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:107 Resp: 703416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.9 | 91.5 | 137.3 |
| 77 | 45.0 | 38.7 | 58.1 |
| 79 | 45.0 | 37.7 | 56.5 |

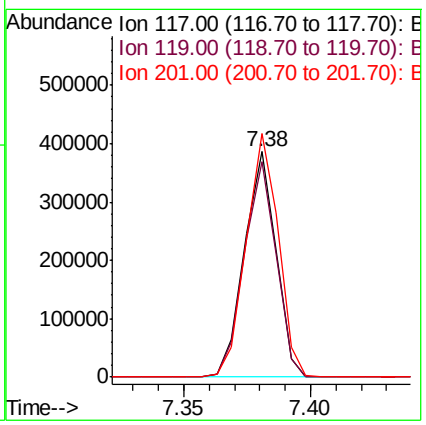


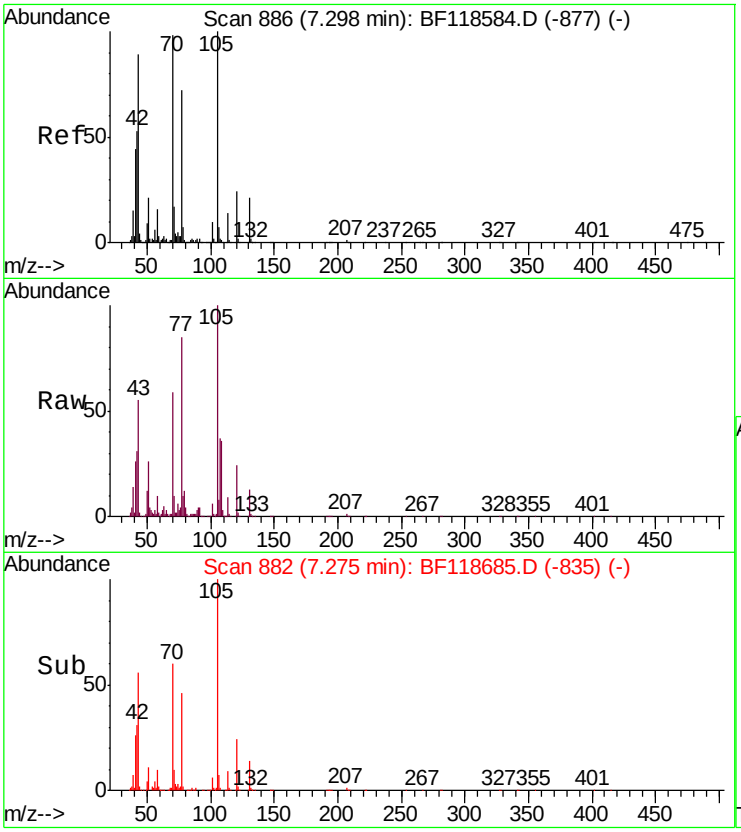




#18
Hexachloroethane
Concen: 47.756 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:117 Resp: 335855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.4 | 77.6 | 116.4 |
| 201 | 108.1 | 88.8 | 133.2 |



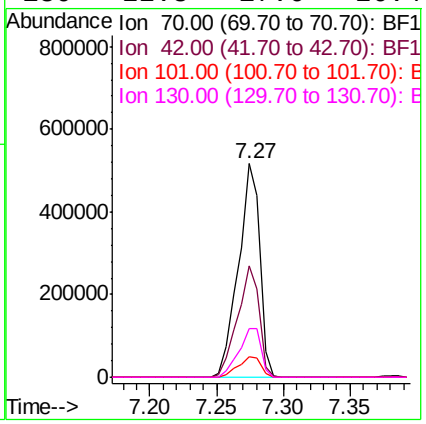


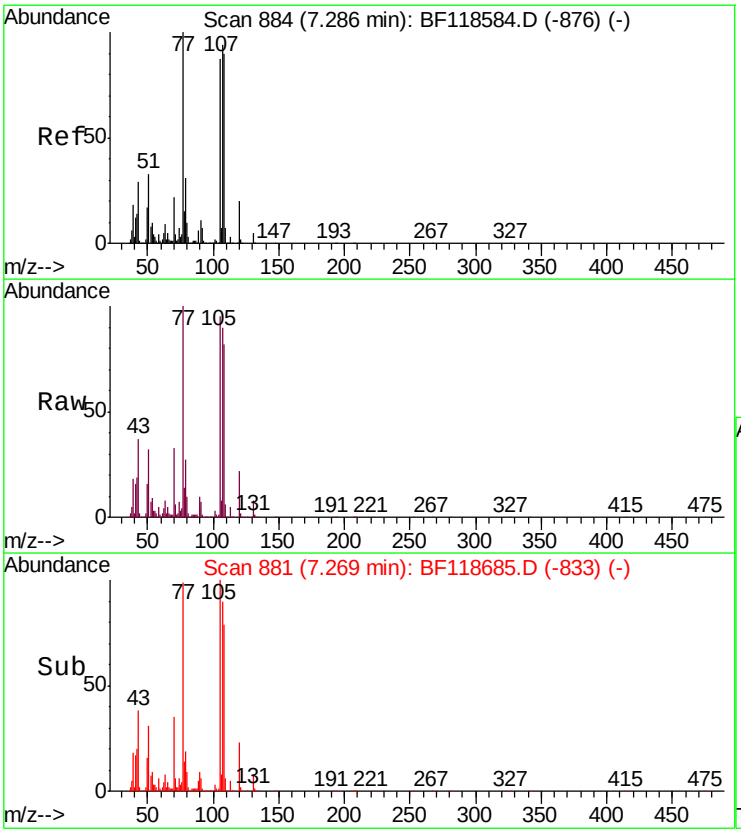

#19
n-Nitroso-di-n-propylamine
Concen: 44.405 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 70 Resp: 573127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.3 | 43.4 | 65.0 |
| 101 | 9.8 | 8.1 | 12.1 |
| 130 | 22.8 | 17.6 | 26.4 |

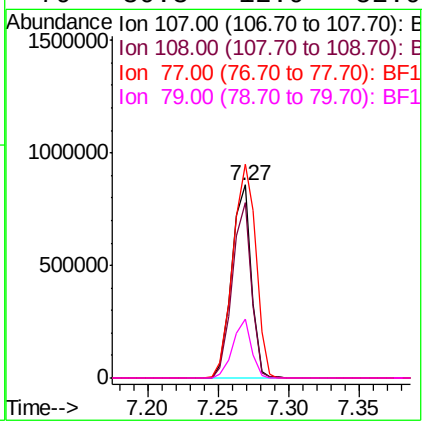


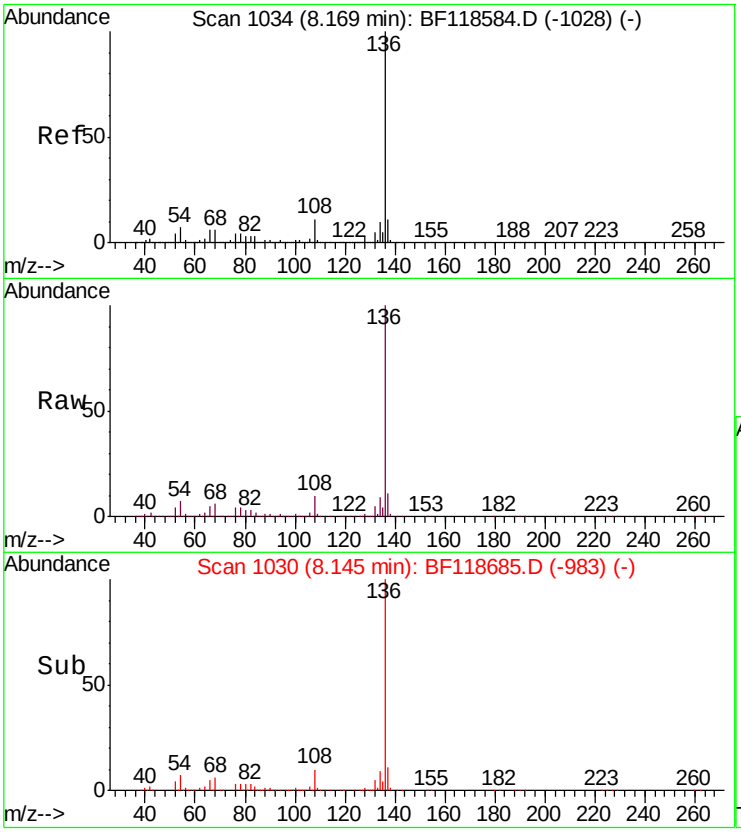




#20
3+4-Methylphenols
Concen: 49.227 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:107 Resp: 826398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.8 | 75.8 | 115.8 |
| 77 | 110.7 | 86.5 | 126.5 |
| 79 | 30.3 | 12.9 | 52.9 |



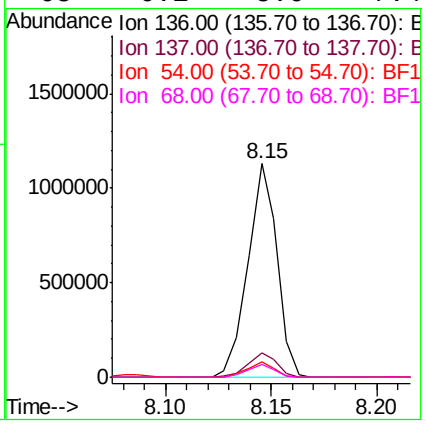


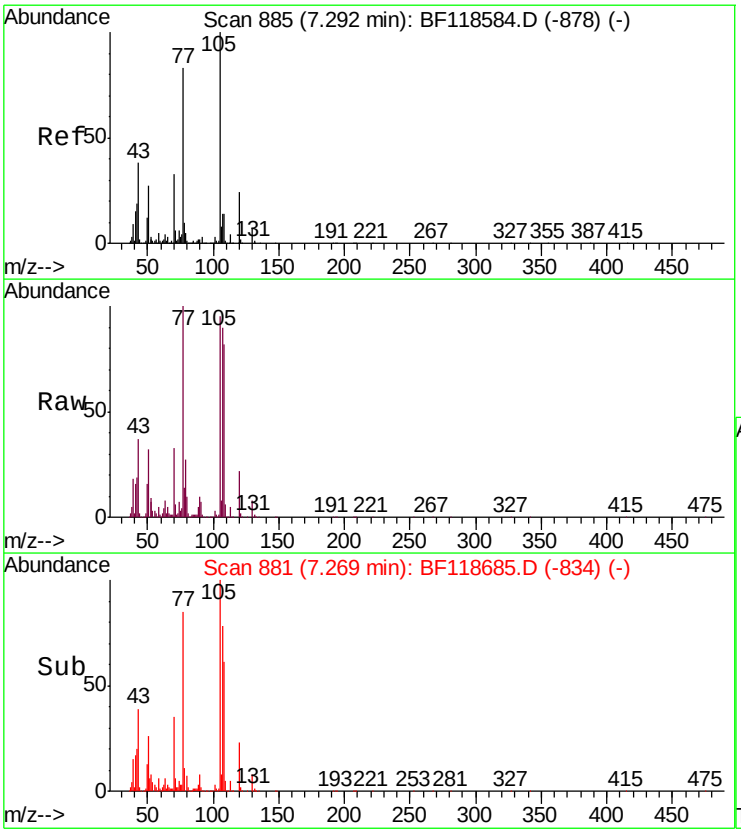

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:136 Resp: 1080289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.1 | 13.7 |
| 54 | 7.2 | 5.8 | 8.6 |
| 68 | 6.1 | 5.0 | 7.4 |

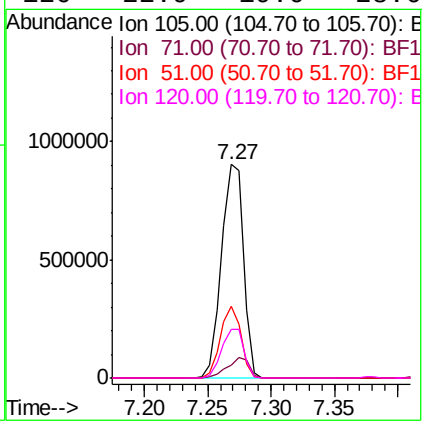


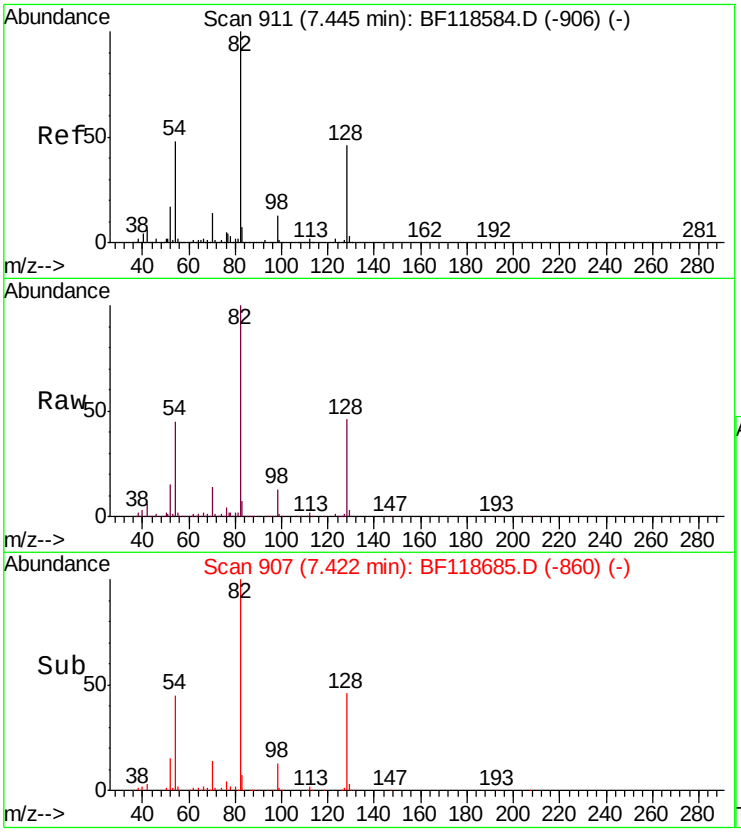




#22
Acetophenone
Concen: 42.747 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:105 Resp: 1093953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.3 | 4.5 | 6.7 |
| 51 | 33.8 | 21.5 | 32.3# |
| 120 | 22.9 | 19.0 | 28.6 |



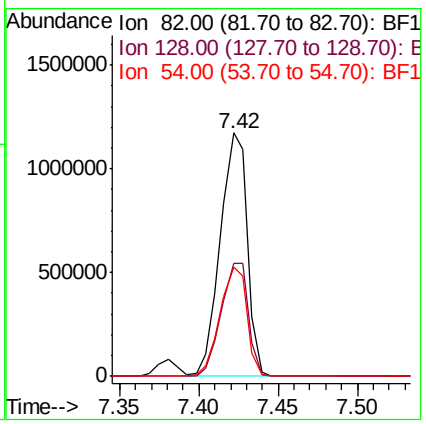


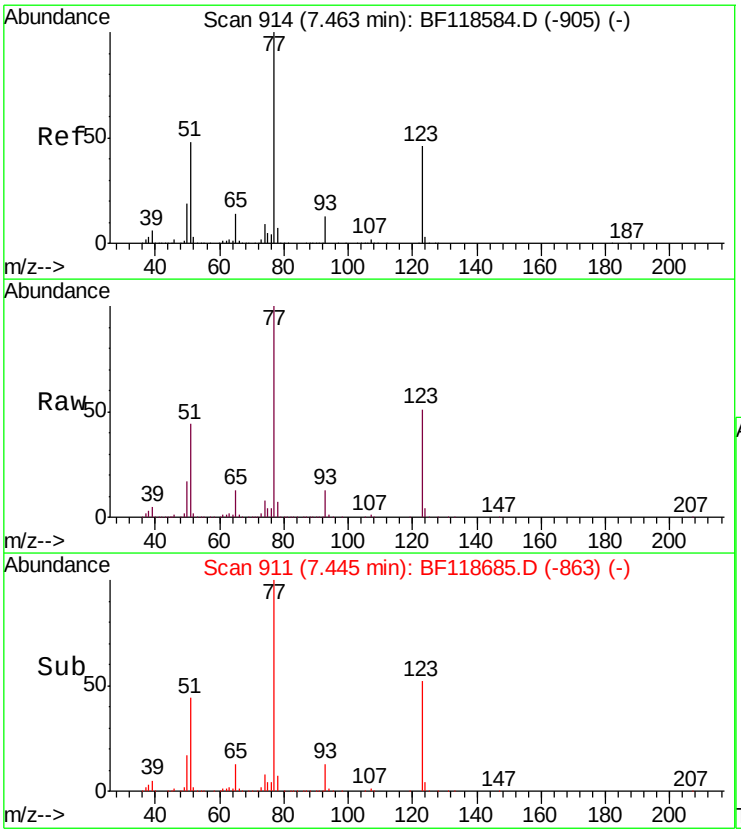

#23
Nitrobenzene-d5
Concen: 71.838 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 82 Resp: 1387444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.5 | 36.6 | 54.8 |
| 54 | 44.7 | 38.0 | 57.0 |

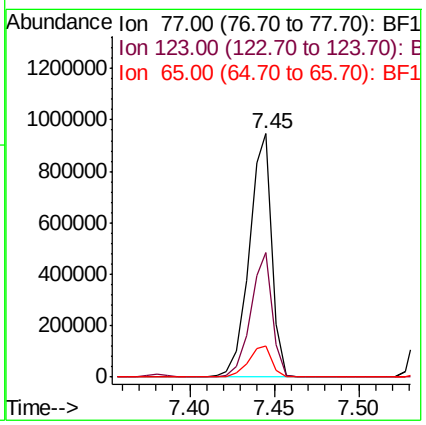


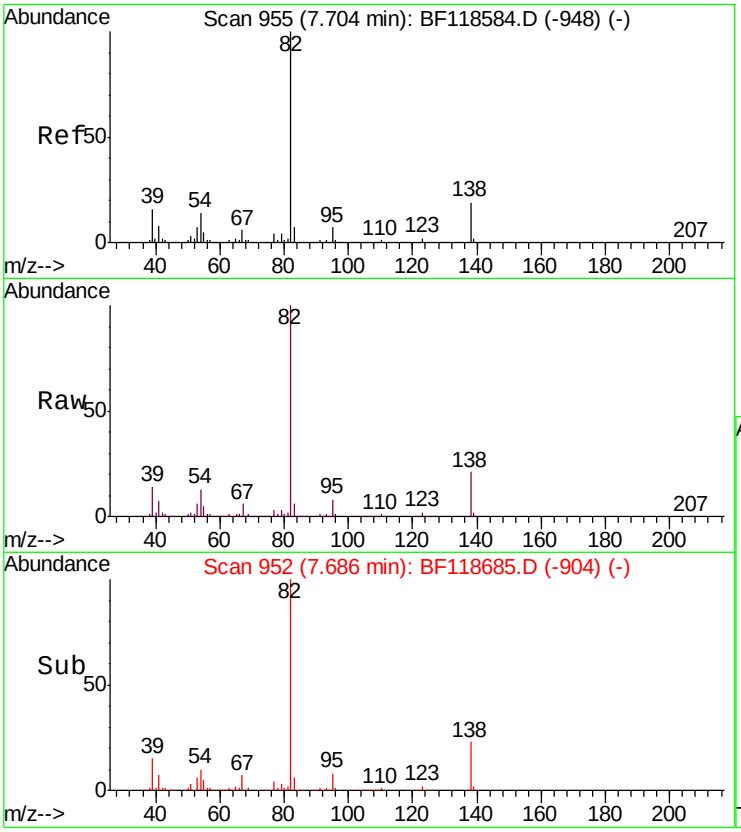




#24
Nitrobenzene
Concen: 44.544 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 77 Resp: 880888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.2 | 37.0 | 55.4 |
| 65 | 12.9 | 11.1 | 16.7 |



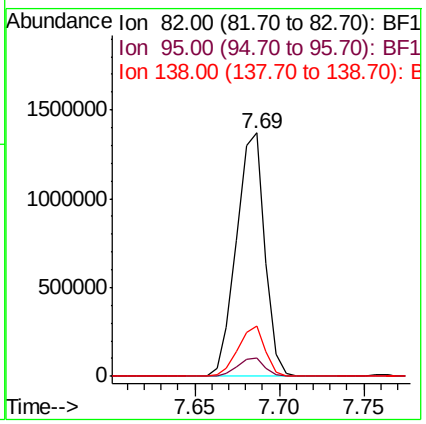


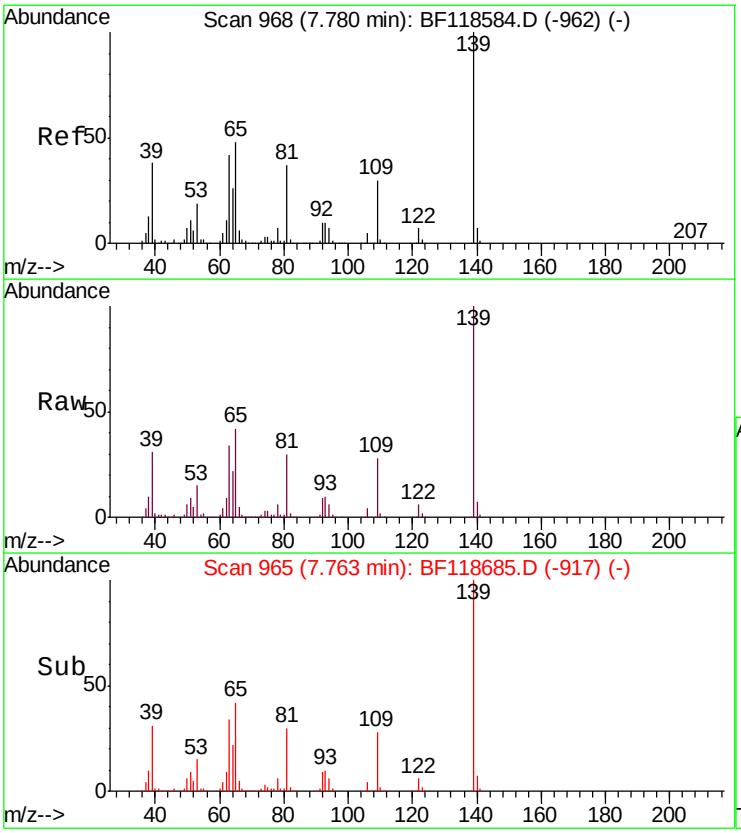

#25
Isophorone
Concen: 45.510 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 82 Resp: 1603198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 5.9 | 8.9 |
| 138 | 20.8 | 15.3 | 22.9 |

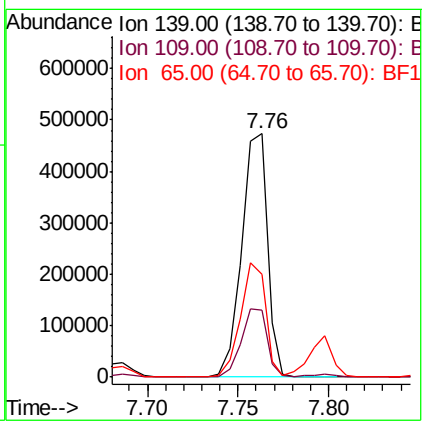


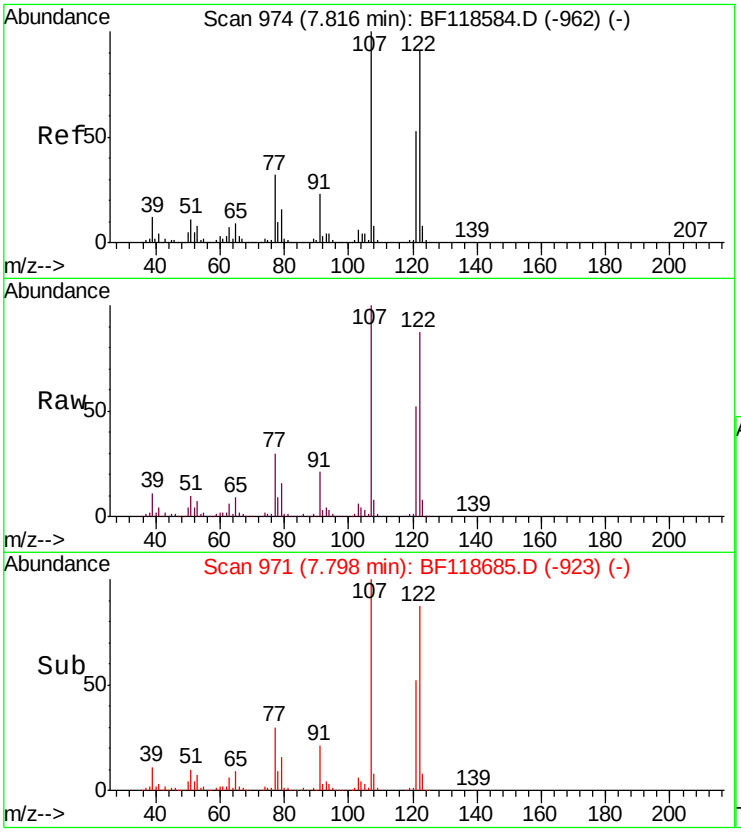




#26
2-Nitrophenol
Concen: 55.504 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:139 Resp: 468077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.5 | 23.8 | 35.8 |
| 65 | 42.3 | 38.5 | 57.7 |



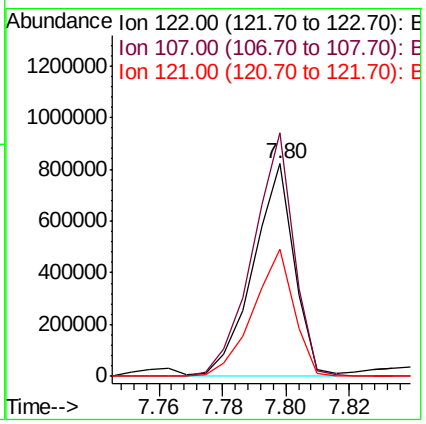


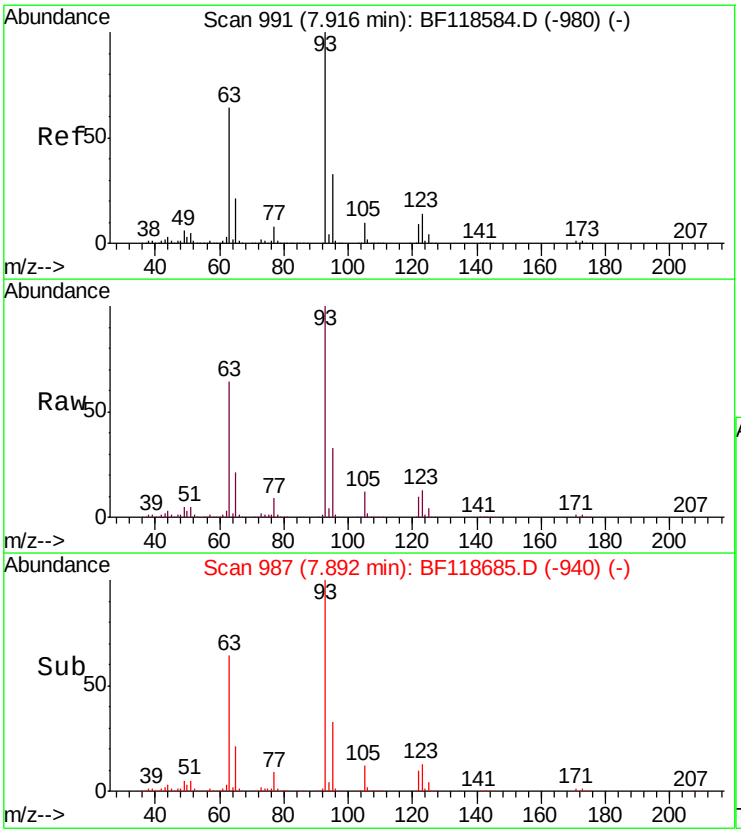

#27
2,4-Dimethylphenol
Concen: 50.911 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:122 Resp: 741398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.4 | 88.0 | 132.0 |
| 121 | 59.7 | 46.3 | 69.5 |

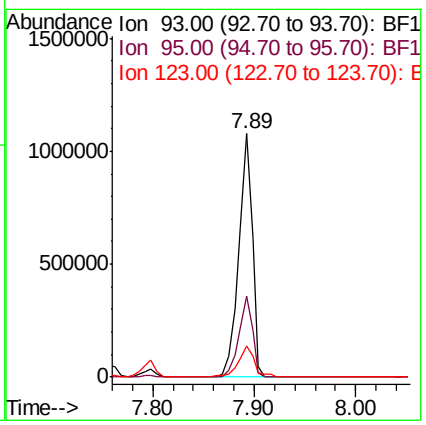


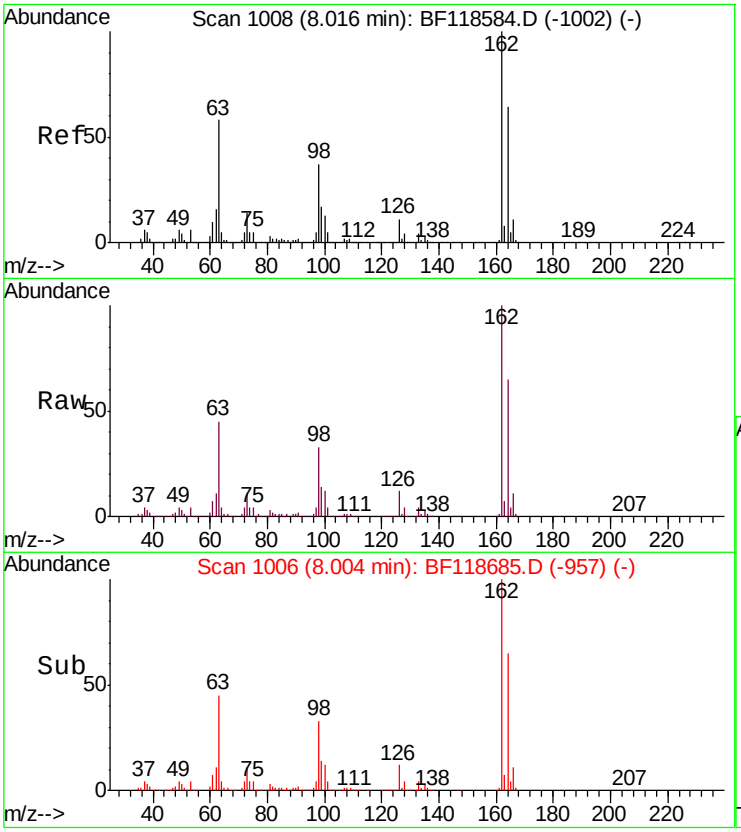




#28
bis(2-Chloroethoxy)methane
Concen: 43.773 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 93 Resp: 993571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.7 | 40.1 |
| 123 | 12.9 | 11.0 | 16.6 |



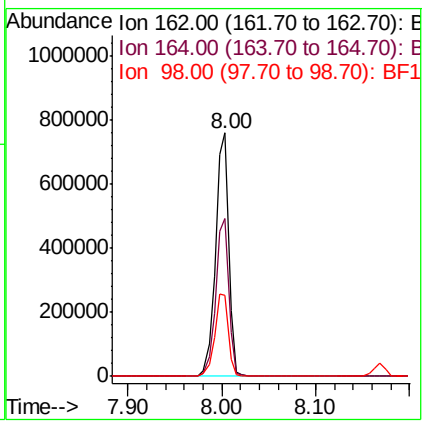


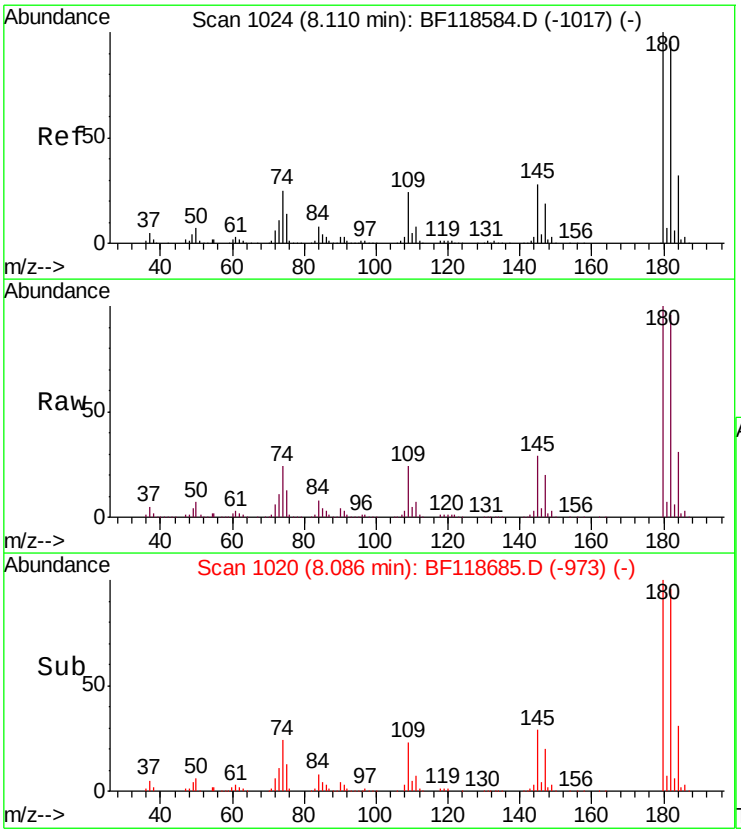

#29
2,4-Dichlorophenol
Concen: 46.635 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:162 Resp: 750750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.0 | 44.3 | 84.3 |
| 98 | 33.1 | 17.5 | 57.5 |

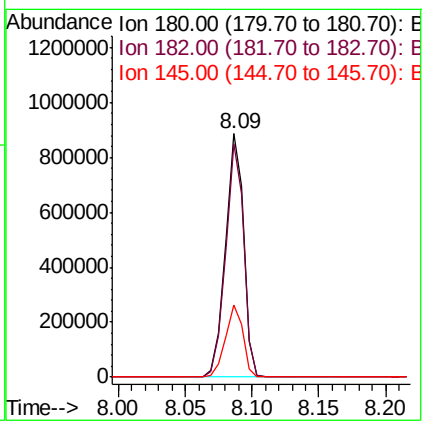


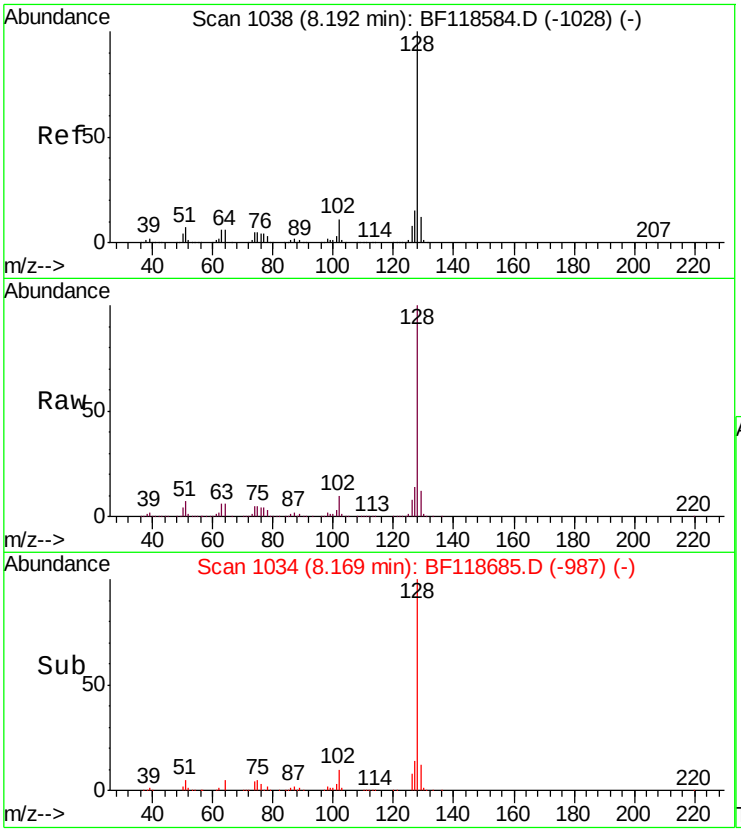




#30
1,2,4-Trichlorobenzene
Concen: 45.592 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:180 Resp: 851013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 76.9 | 115.3 |
| 145 | 29.5 | 22.8 | 34.2 |



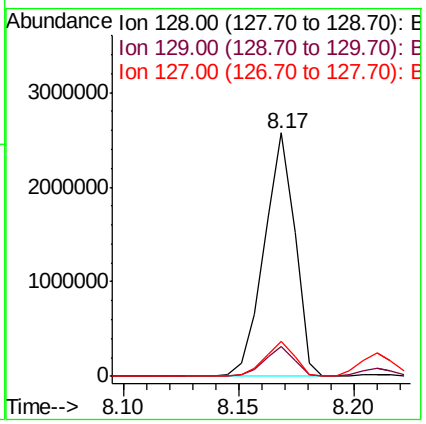


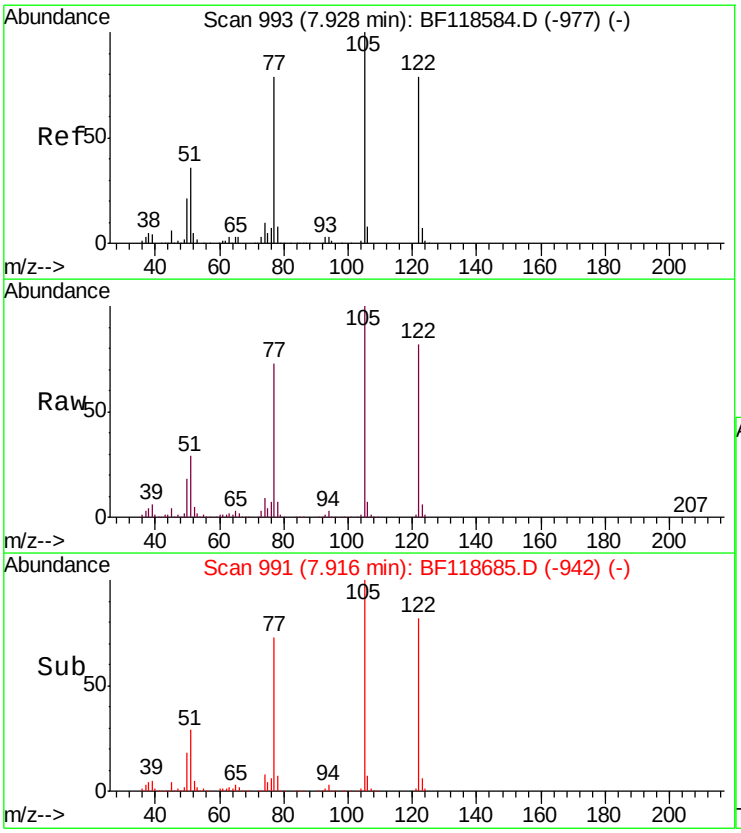

#31
Naphthalene
Concen: 48.919 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:128 Resp: 2387277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.1 | 9.9 | 14.9 |
| 127 | 14.1 | 12.0 | 18.0 |

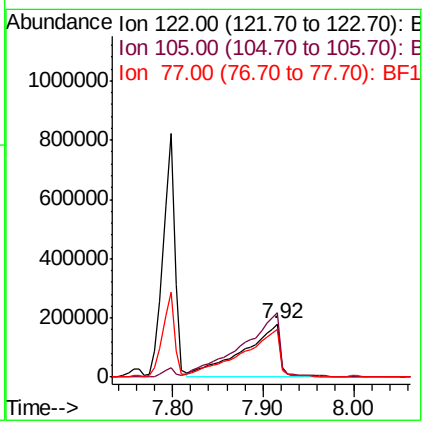


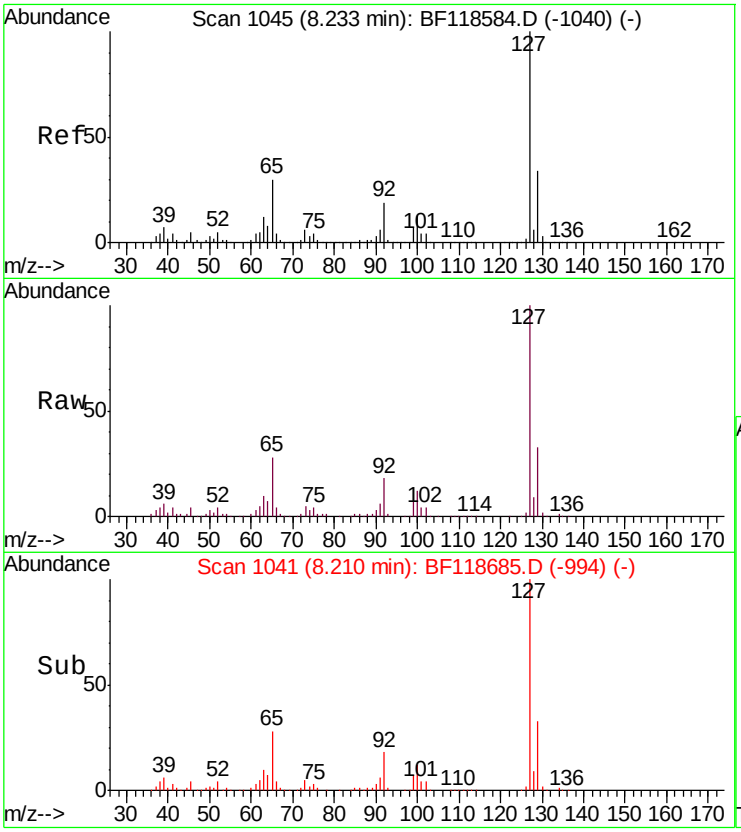




#32
Benzoic acid
Concen: 46.835 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:122 Resp: 511872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.0 | 104.3 | 144.3 |
| 77 | 89.5 | 79.4 | 119.4 |



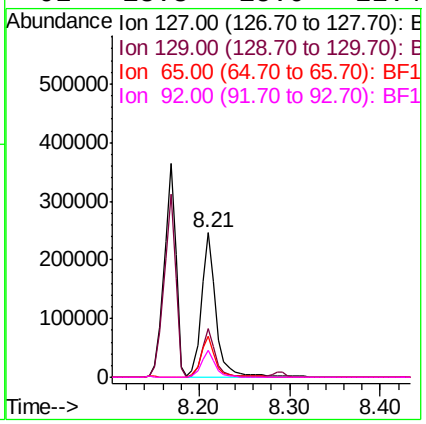


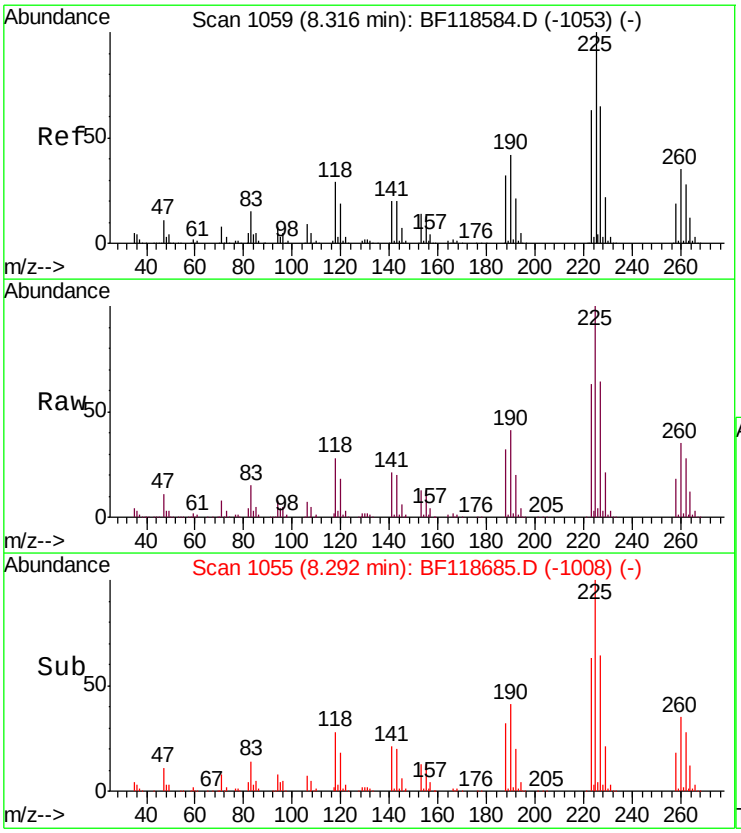

#33
4-Chloroaniline
Concen: 12.309 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:127 Resp: 277640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.3 | 27.4 | 41.0 |
| 65 | 28.2 | 23.6 | 35.4 |
| 92 | 18.3 | 15.0 | 22.4 |

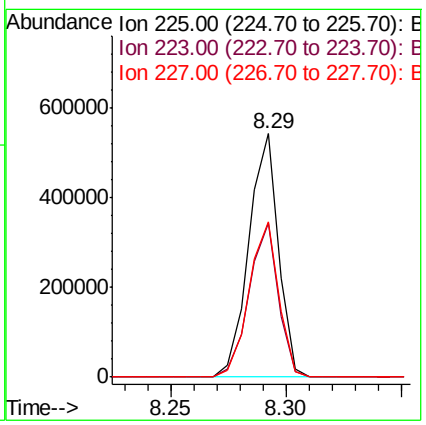


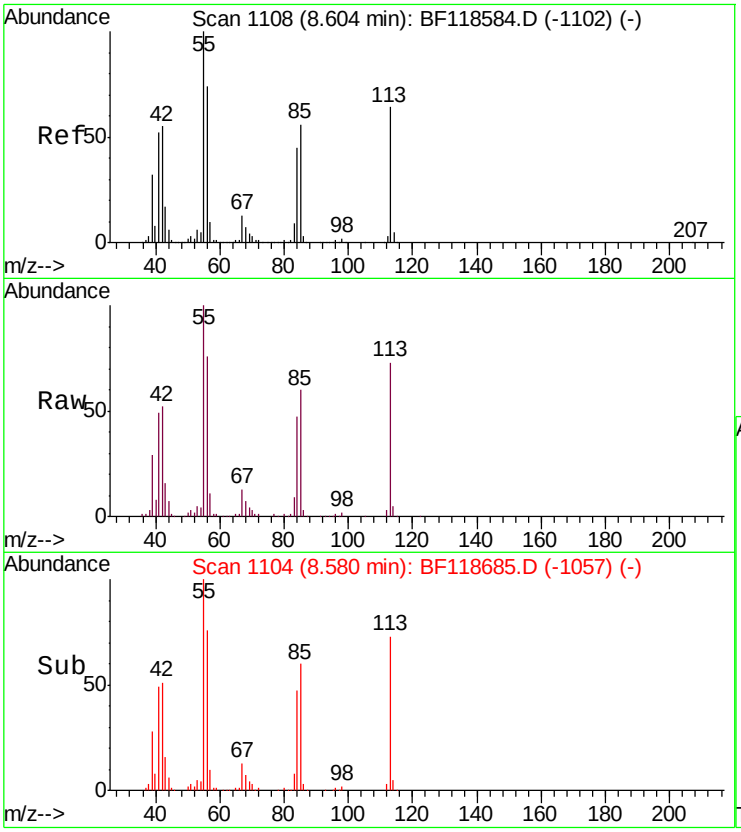




#34
Hexachlorobutadiene
Concen: 42.914 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:225 Resp: 487805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 50.2 | 75.4 |
| 227 | 63.7 | 52.1 | 78.1 |



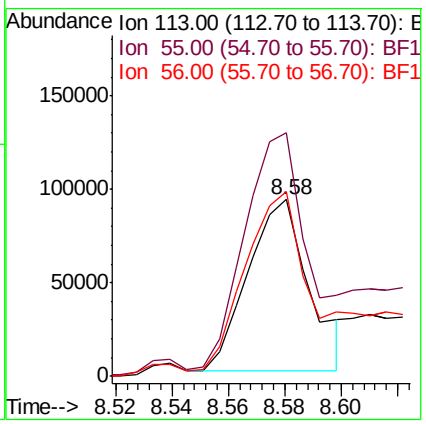


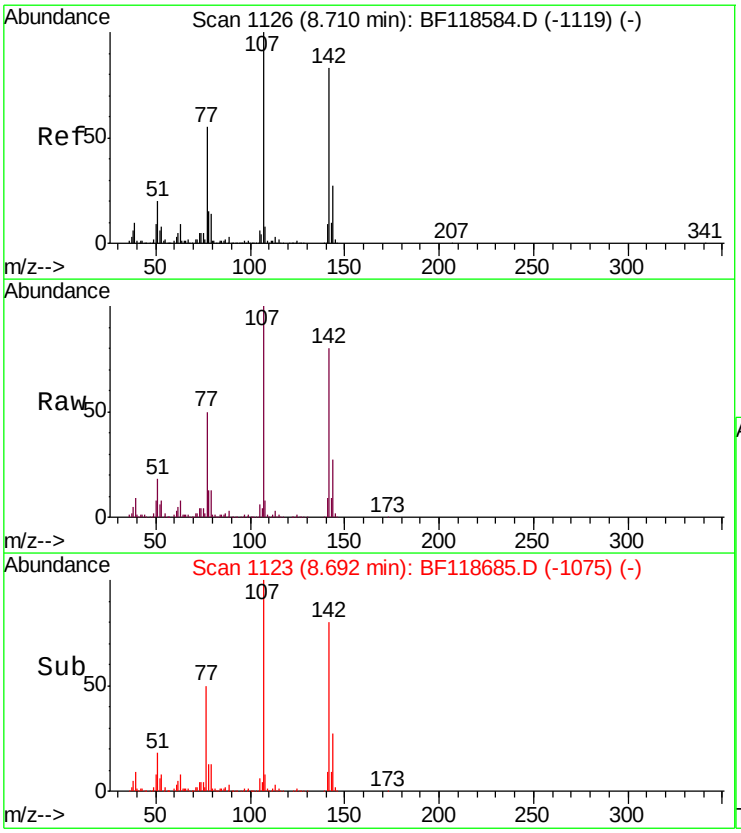

#35
Caprolactam
Concen: 26.086 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:113 Resp: 137429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 137.6 | 136.1 | 176.1 |
| 56 | 104.6 | 95.2 | 135.2 |

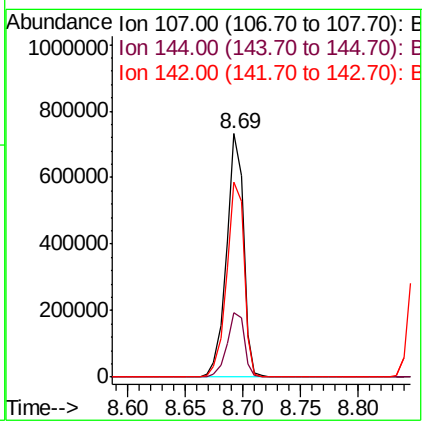


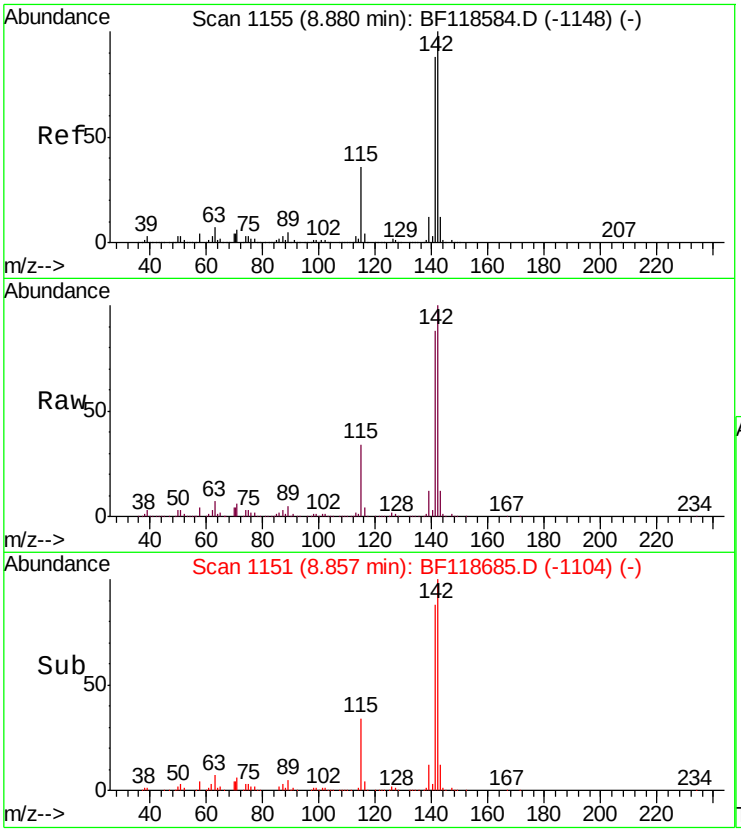




#36
4-Chloro-3-methylphenol
Concen: 46.838 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:107 Resp: 744580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 21.8 | 32.8 |
| 142 | 80.3 | 66.5 | 99.7 |



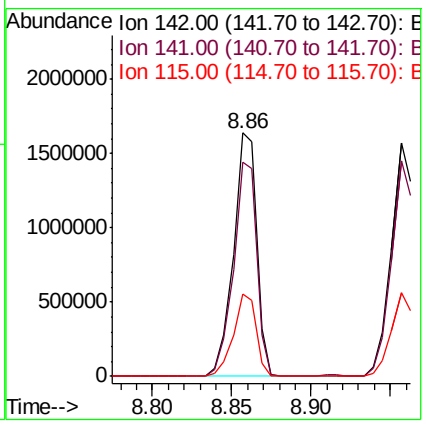


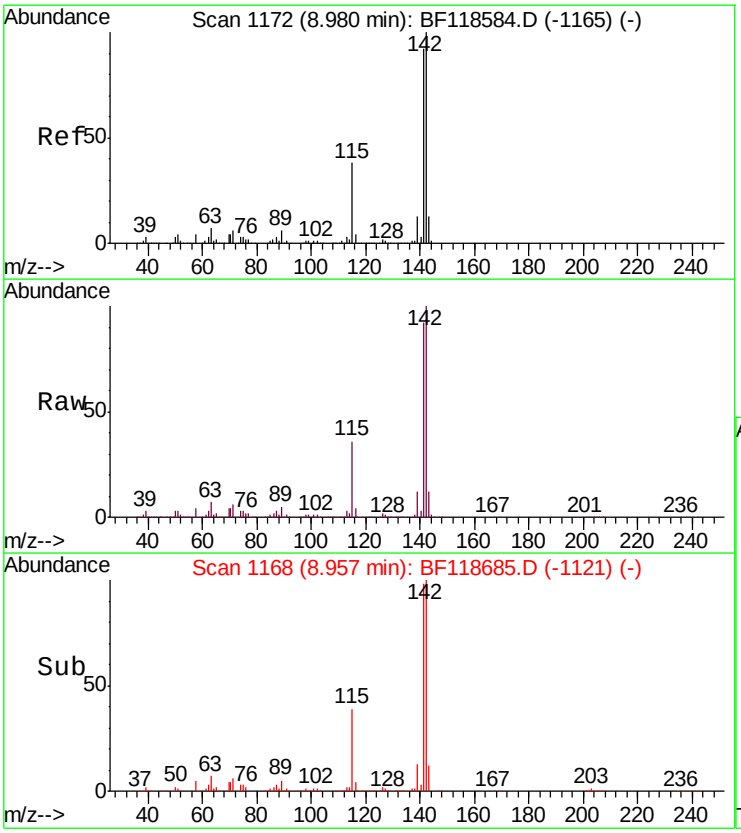

#37
2-Methylnaphthalene
Concen: 48.407 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:142 Resp: 1667425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 70.7 | 106.1 |
| 115 | 34.1 | 28.5 | 42.7 |

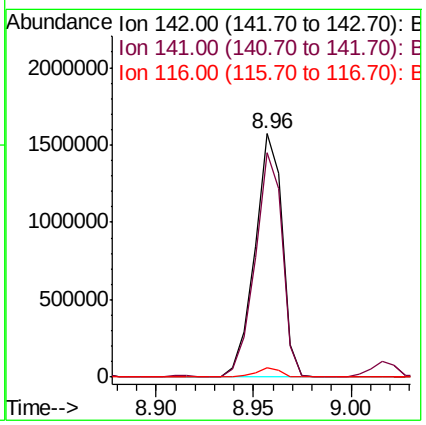


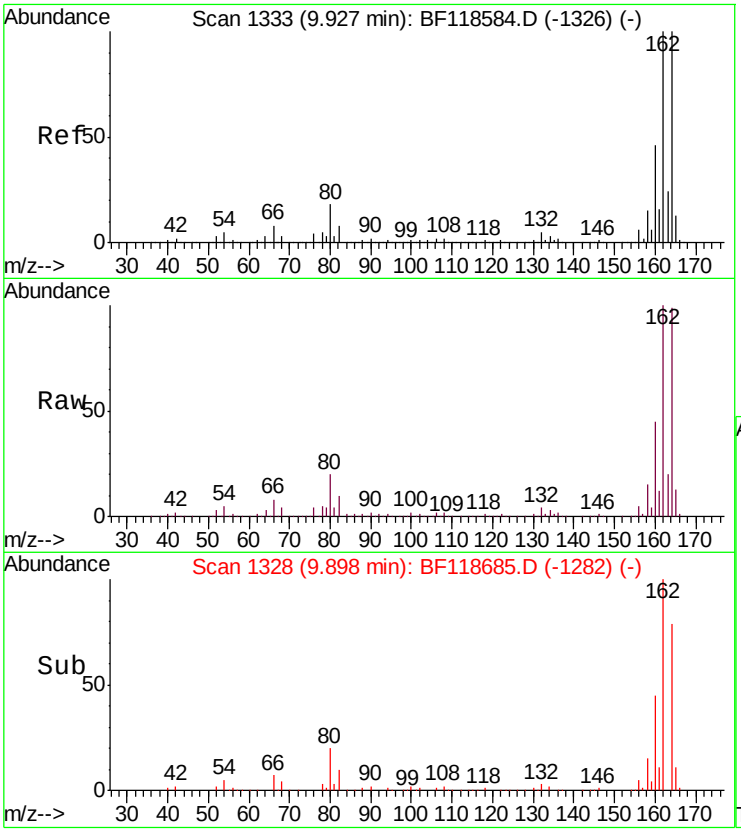




#38
1-Methylnaphthalene
Concen: 46.484 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:142 Resp: 1521193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.4 | 110.2 |
| 116 | 3.8 | 3.3 | 4.9 |



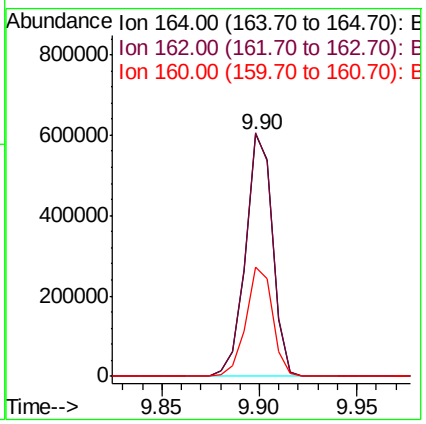


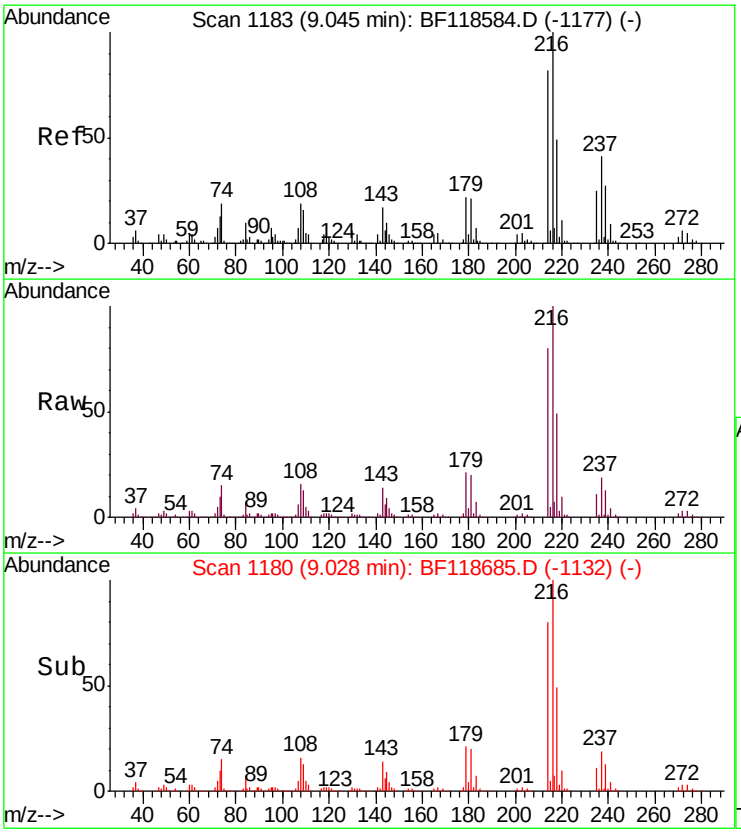

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:164 Resp: 575504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 80.4 | 120.6 |
| 160 | 45.0 | 36.6 | 55.0 |

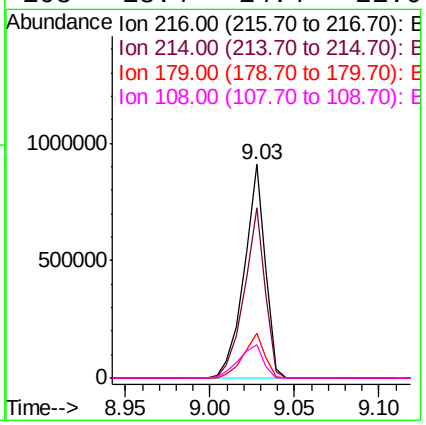


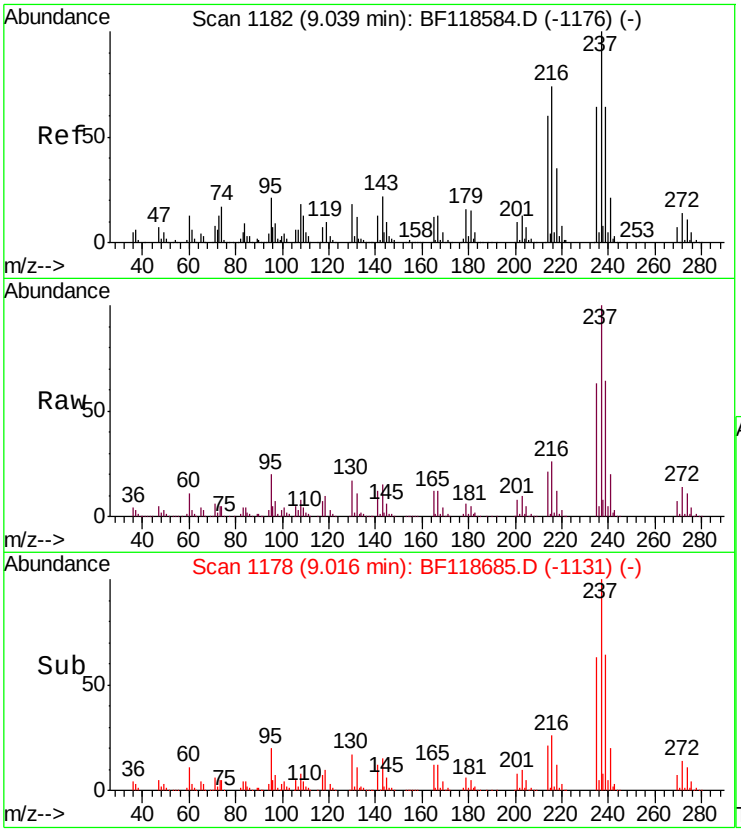




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.007 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:216 Resp: 792438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 64.2 | 96.2 |
| 179 | 21.0 | 16.6 | 25.0 |
| 108 | 18.4 | 14.4 | 21.6 |



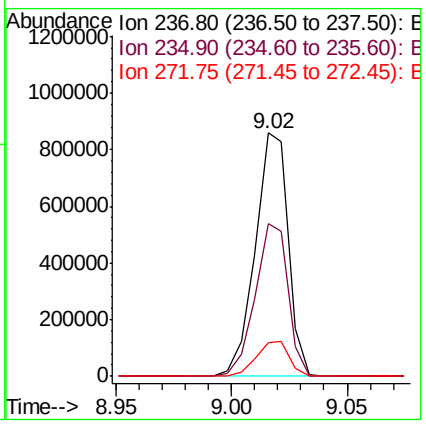


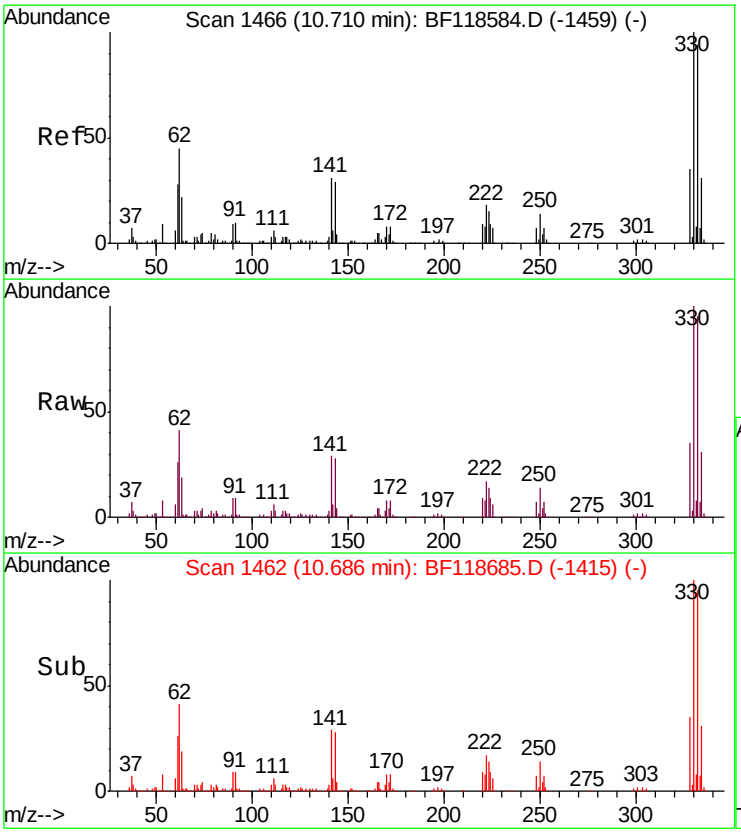

#41
Hexachlorocyclopentadiene
Concen: 94.456 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:237 Resp: 858152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.9 | 44.0 | 84.0 |
| 272 | 14.1 | 0.0 | 34.0 |

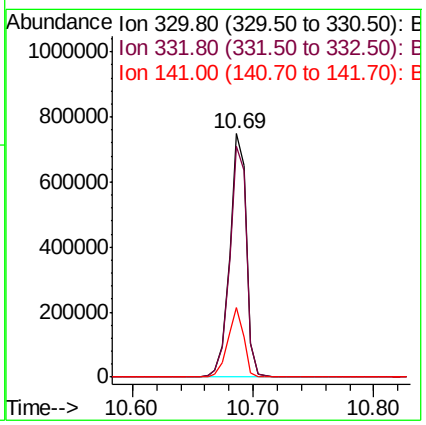


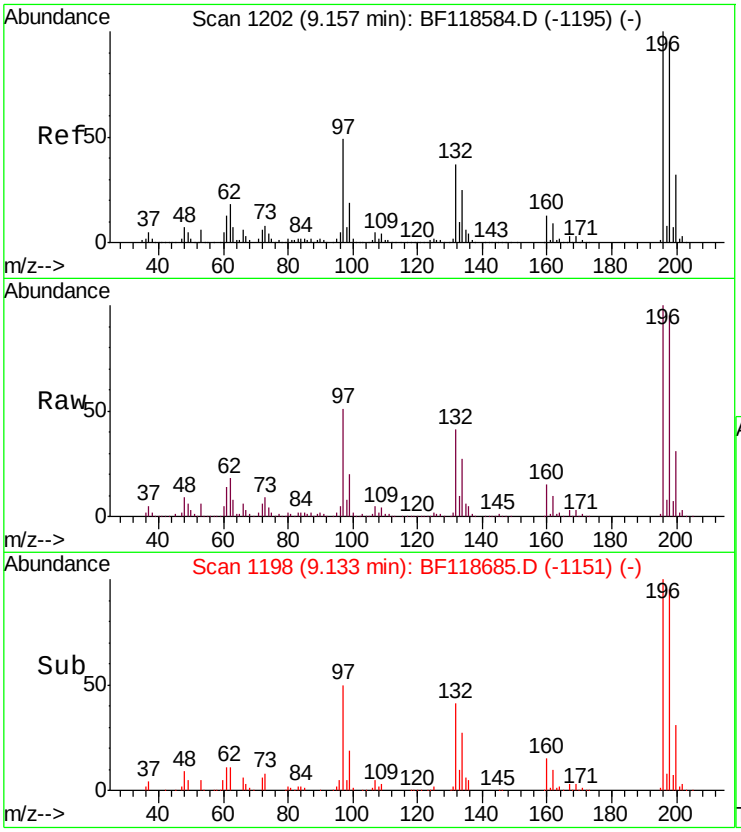




#42
2,4,6-Tribromophenol
Concen: 107.309 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:330 Resp: 714294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 76.2 | 114.4 |
| 141 | 27.2 | 23.9 | 35.9 |



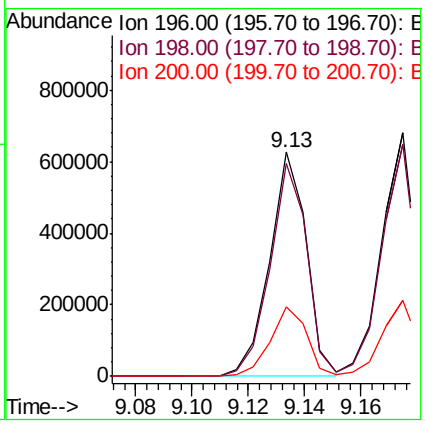


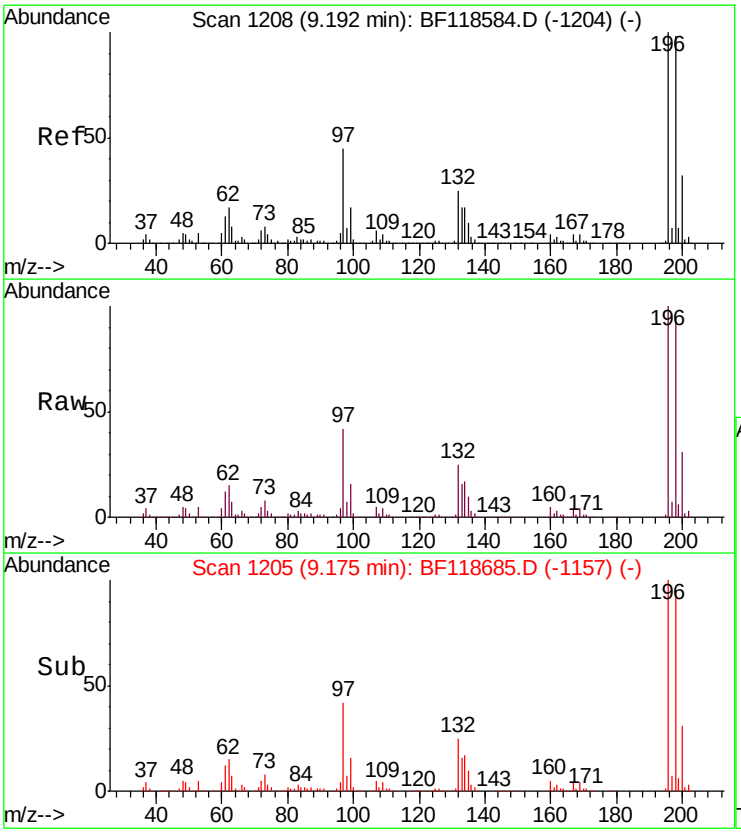

#43
2,4,6-Trichlorophenol
Concen: 47.284 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:196 Resp: 565009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 76.3 | 114.5 |
| 200 | 30.8 | 25.4 | 38.2 |

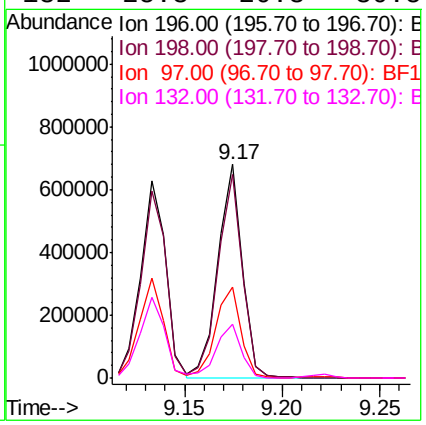


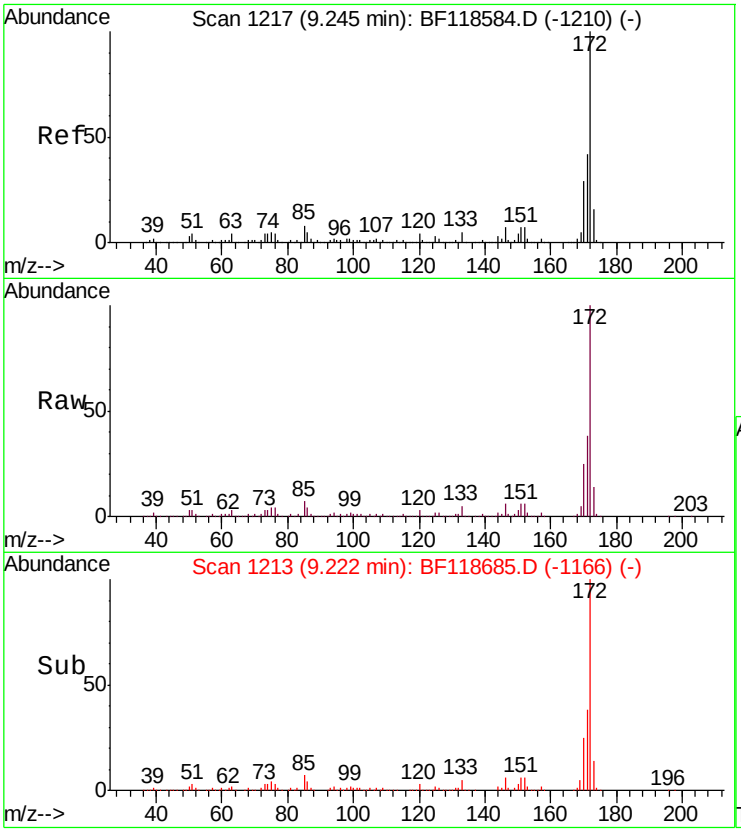




#44
2,4,5-Trichlorophenol
Concen: 48.148 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:196 Resp: 587580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 78.3 | 117.5 |
| 97 | 42.4 | 35.9 | 53.9 |
| 132 | 25.3 | 20.3 | 30.5 |



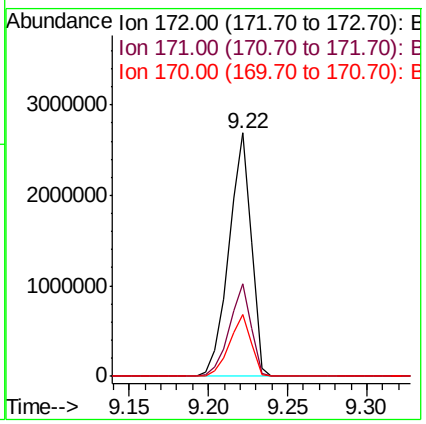


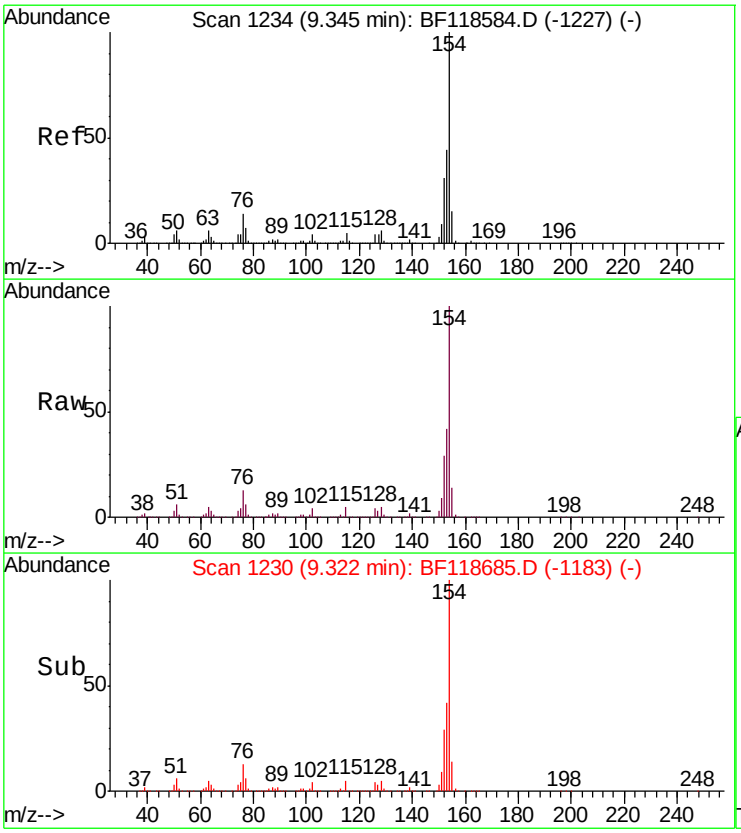

#45
2-Fluorobiphenyl
Concen: 74.949 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:172 Resp: 2624290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.8 | 33.4 | 50.2 |
| 170 | 25.4 | 23.2 | 34.8 |

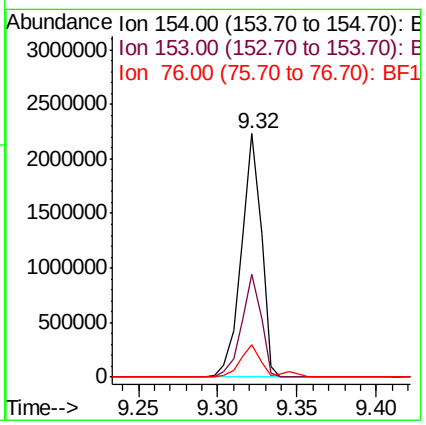


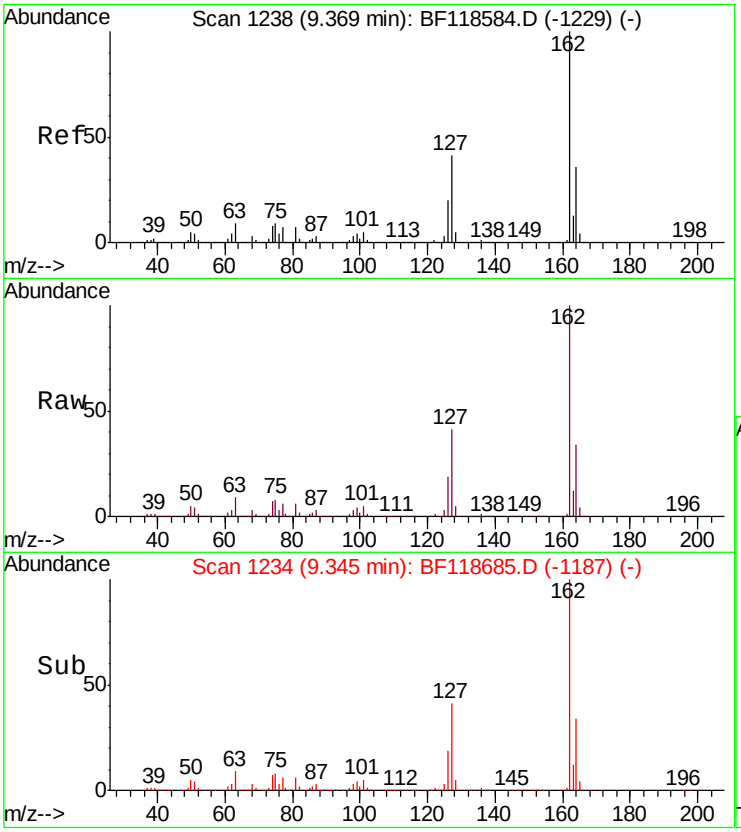




#46
1,1'-Biphenyl
Concen: 48.824 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:154 Resp: 1936530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.4 | 23.8 | 63.8 |
| 76 | 13.3 | 0.0 | 34.3 |



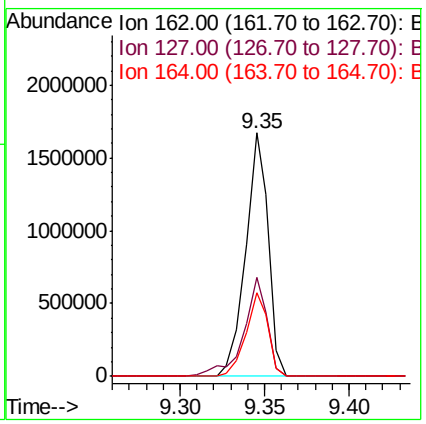


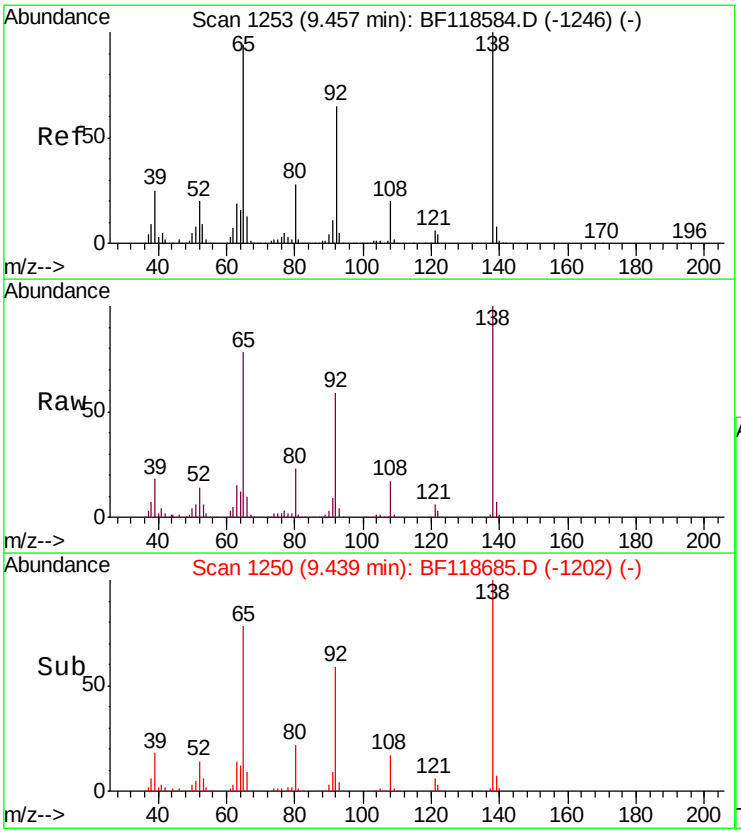

#47
2-Chloronaphthalene
Concen: 46.659 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:162 Resp: 1559880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.7 | 33.0 | 49.6 |
| 164 | 34.4 | 28.6 | 42.8 |

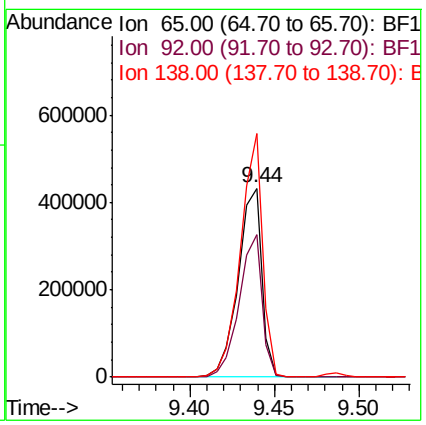


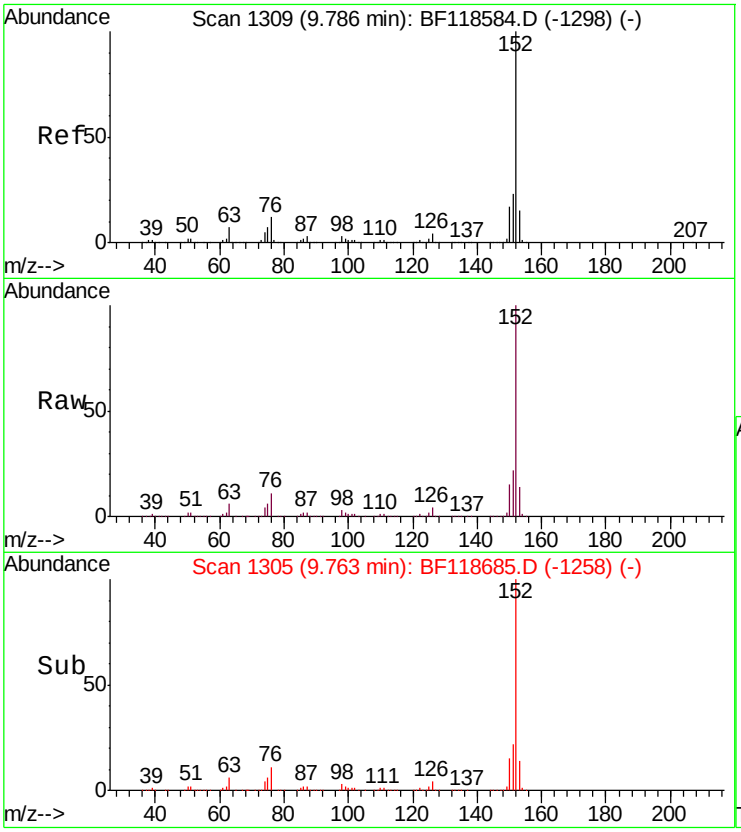




#48
2-Nitroaniline
Concen: 41.315 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion: 65 Resp: 424586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.7 | 55.4 | 83.0 |
| 138 | 128.7 | 85.0 | 127.6# |



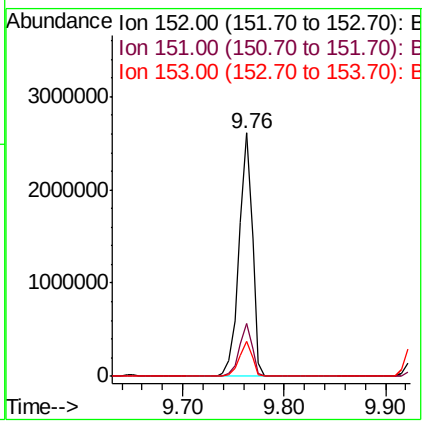


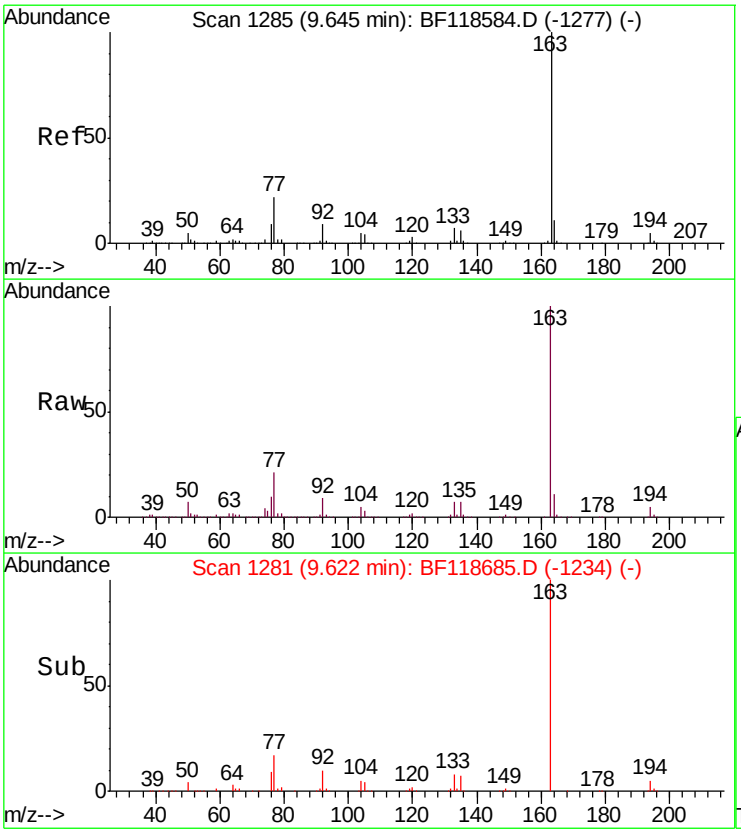

#49
Acenaphthylene
Concen: 50.195 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:152 Resp: 2360732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.7 | 18.6 | 27.8 |
| 153 | 14.1 | 12.2 | 18.4 |

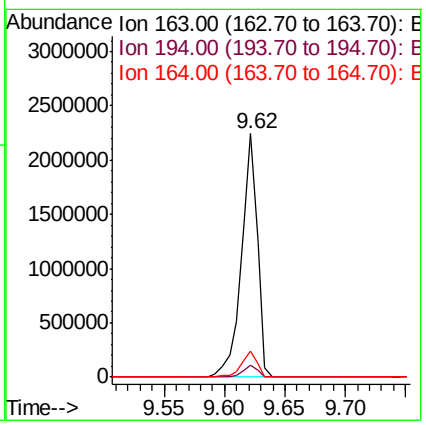


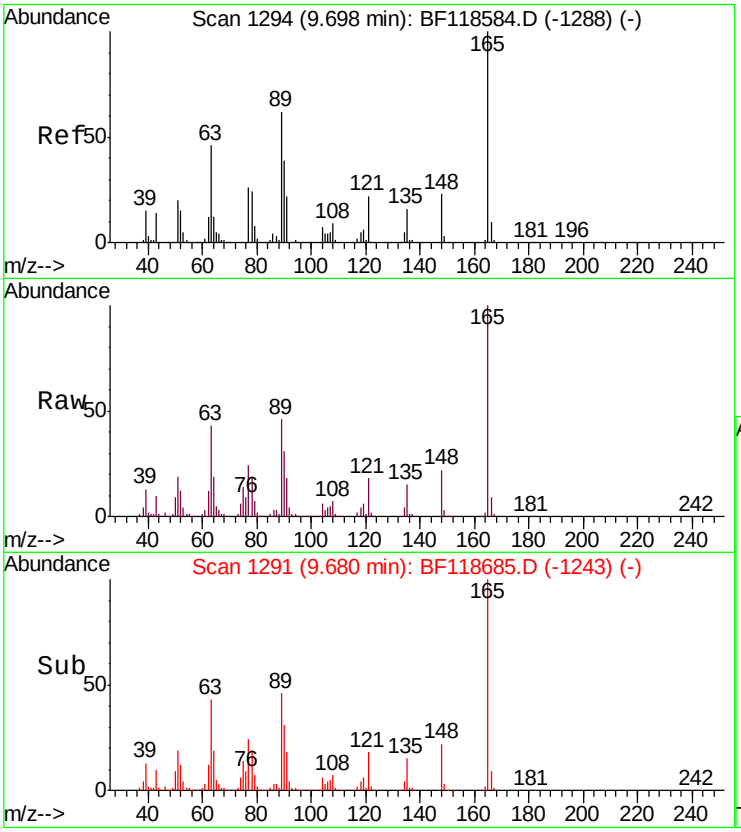




#50
Dimethylphthalate
Concen: 55.278 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:163 Resp: 2072626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 3.9 | 5.9 |
| 164 | 10.9 | 9.1 | 13.7 |



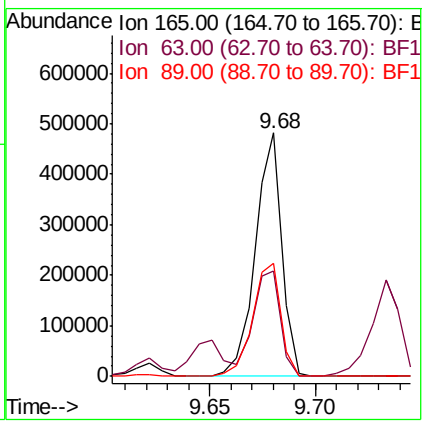


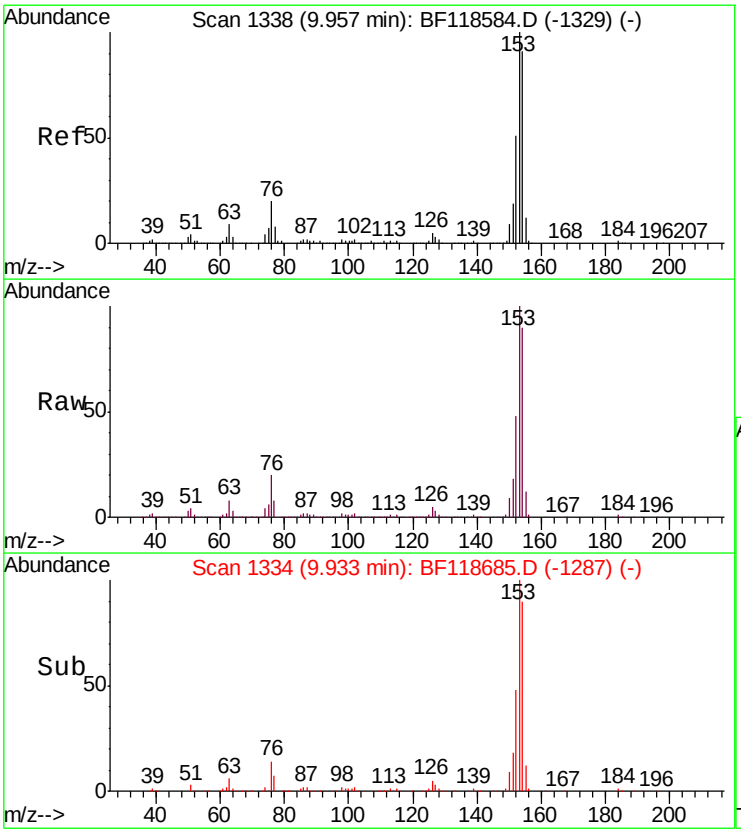

#51
2,6-Dinitrotoluene
Concen: 50.287 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:165 Resp: 422219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.1 | 48.9 | 73.3# |
| 89 | 46.3 | 49.8 | 74.6# |

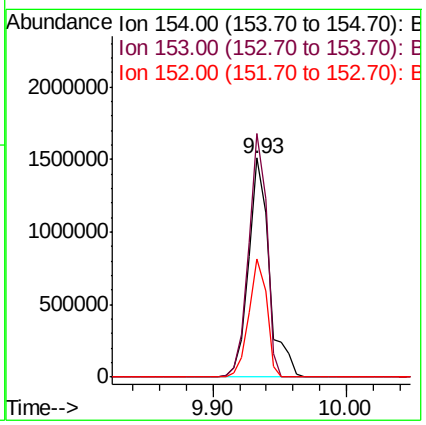


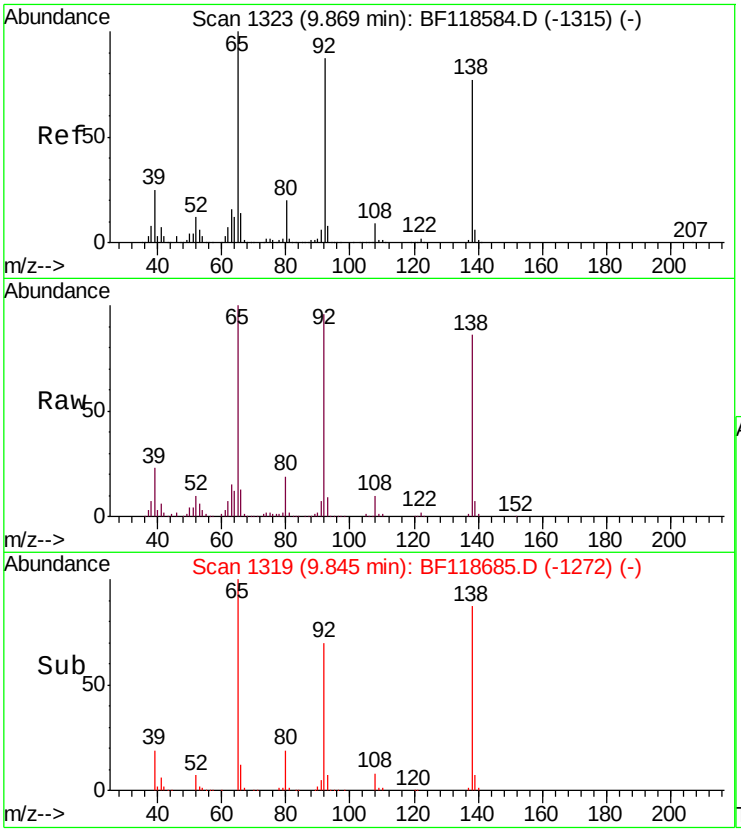




#52
Acenaphthene
Concen: 50.515 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:154 Resp: 1588621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.3 | 87.6 | 131.4 |
| 152 | 53.8 | 44.4 | 66.6 |



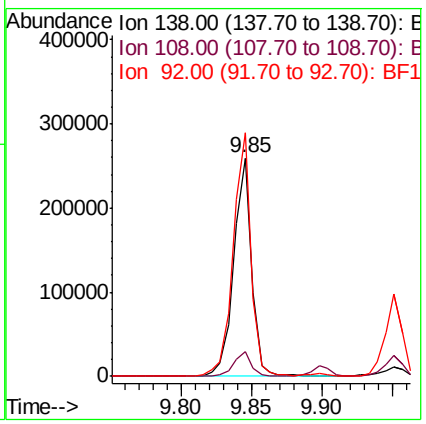


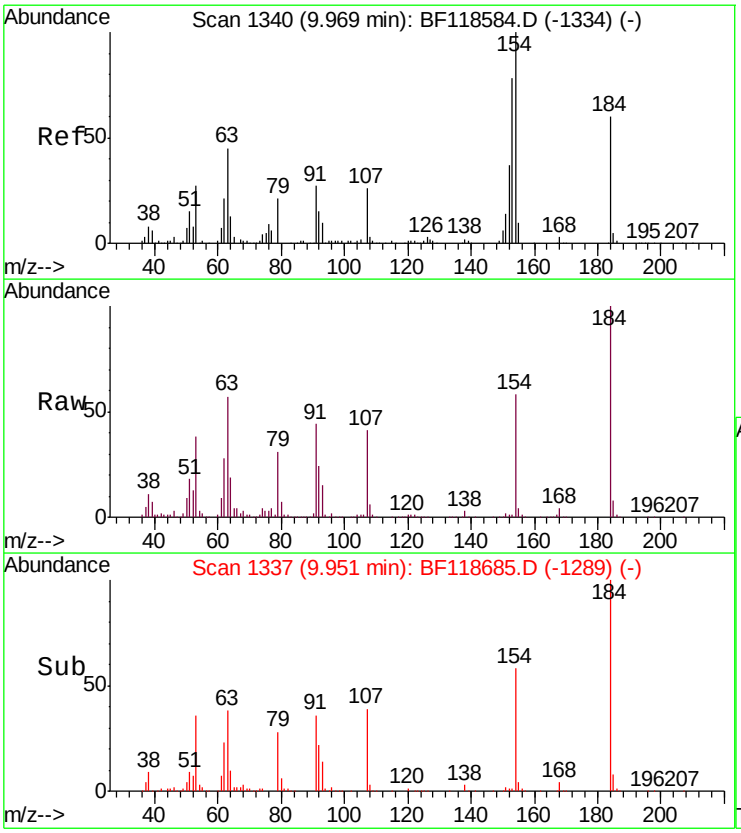

#53
3-Nitroaniline
Concen: 23.835 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:138 Resp: 228510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.6 | 14.4 |
| 92 | 111.6 | 90.6 | 136.0 |

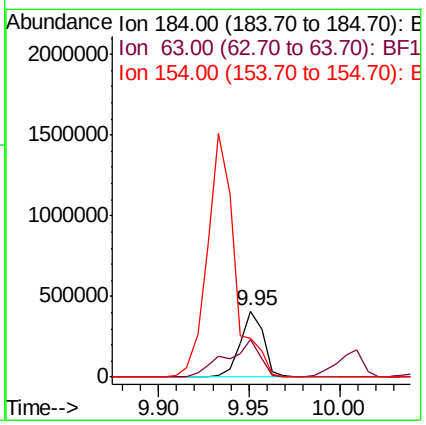


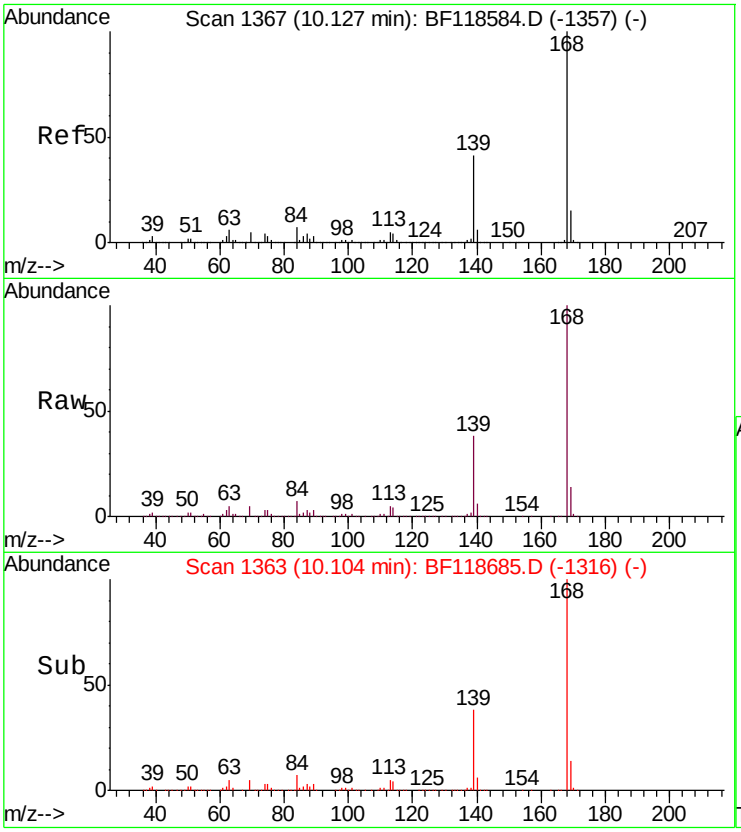




#54
2,4-Dinitrophenol
Concen: 108.668 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:184 Resp: 364249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.2 | 60.6 | 90.8# |
| 154 | 58.1 | 137.3 | 205.9# |



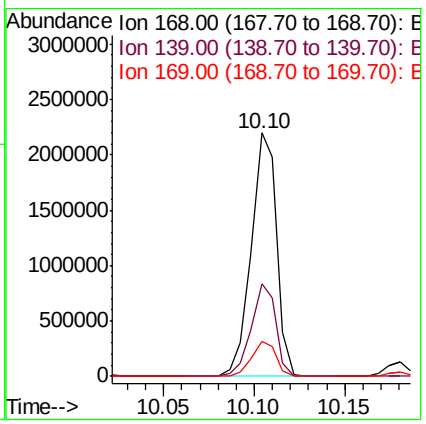


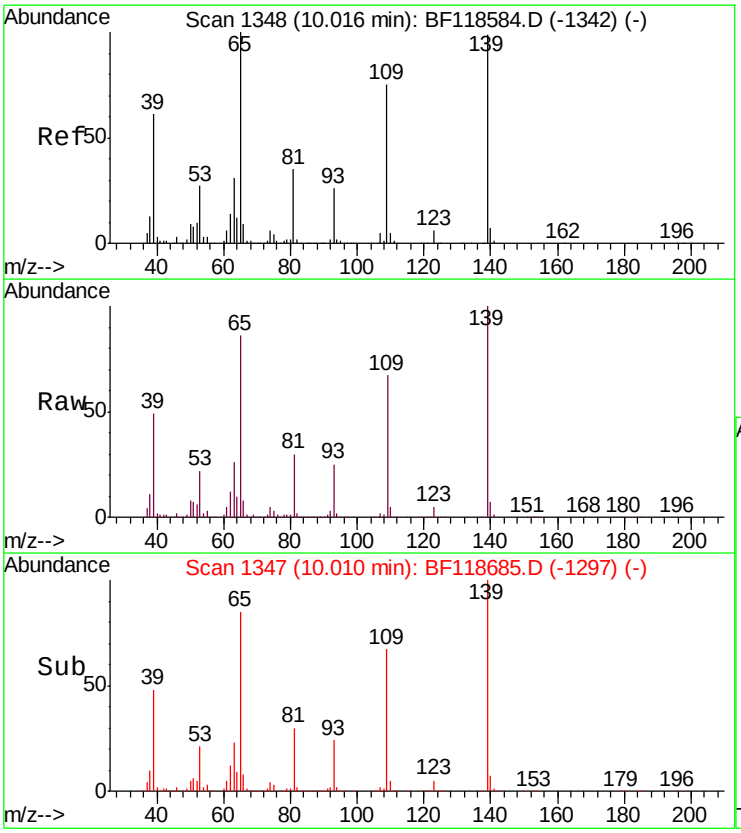

#55
Dibenzofuran
Concen: 48.932 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:168 Resp: 2132549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.2 | 32.7 | 49.1 |
| 169 | 14.3 | 12.2 | 18.2 |

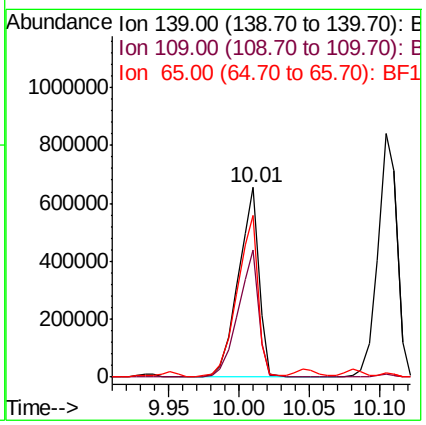


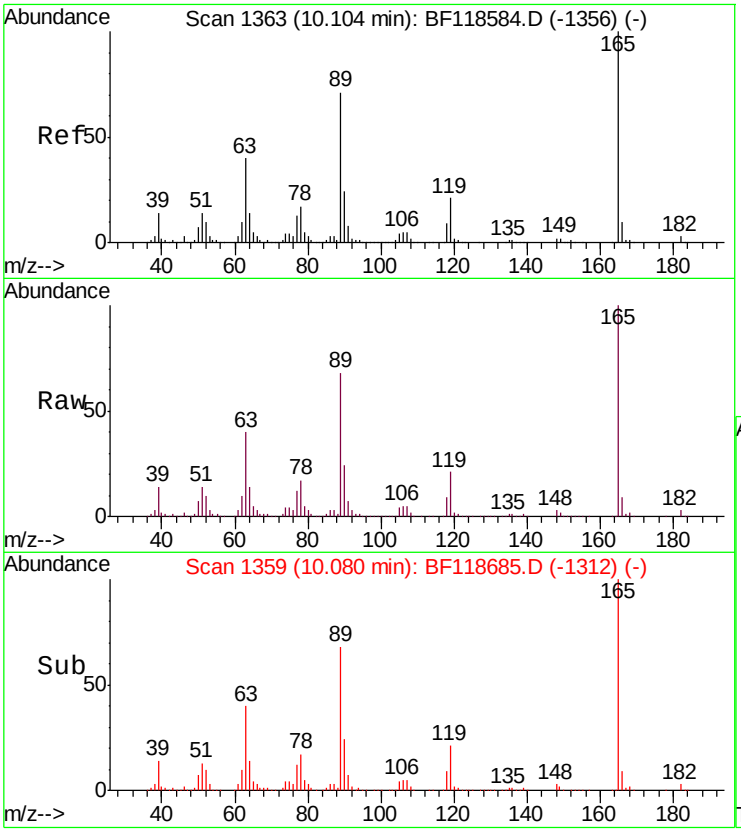




#56
4-Nitrophenol
Concen: 92.487 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:139 Resp: 669376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.8 | 56.0 | 96.0 |
| 65 | 85.5 | 81.4 | 121.4 |



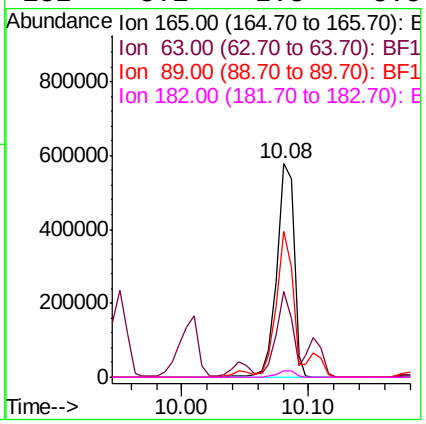


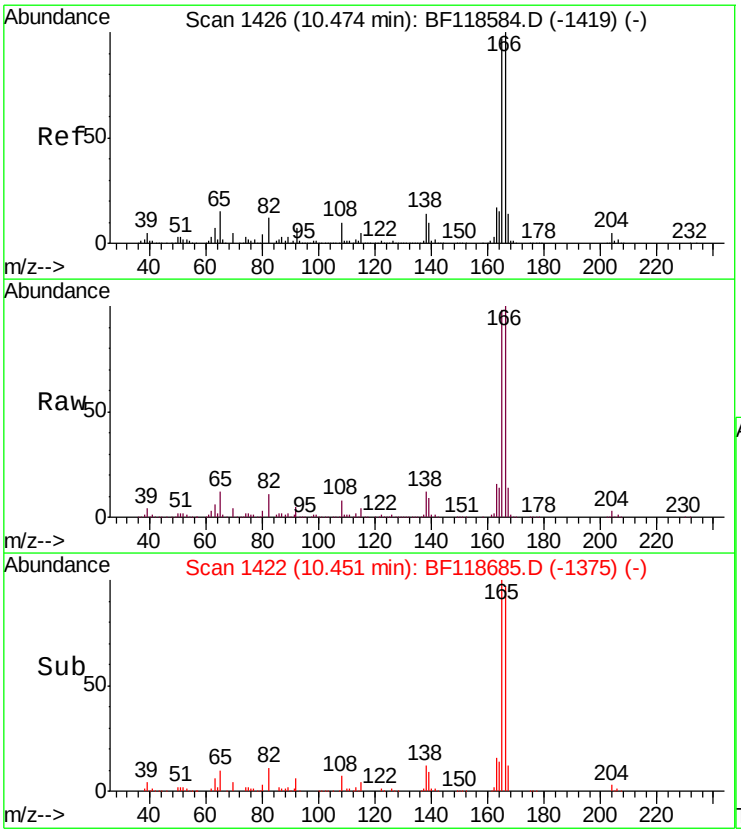

#57
2,4-Dinitrotoluene
Concen: 51.613 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:165 Resp: 546297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.2 | 32.4 | 48.6 |
| 89 | 68.4 | 56.4 | 84.6 |
| 182 | 3.1 | 2.3 | 3.5 |

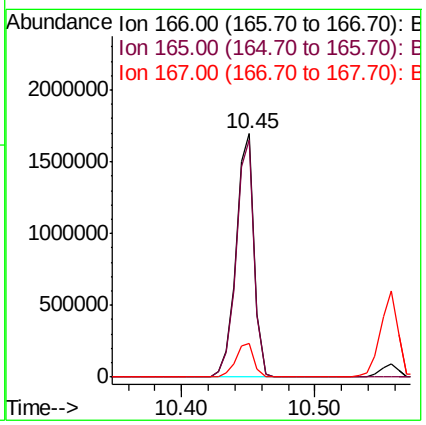


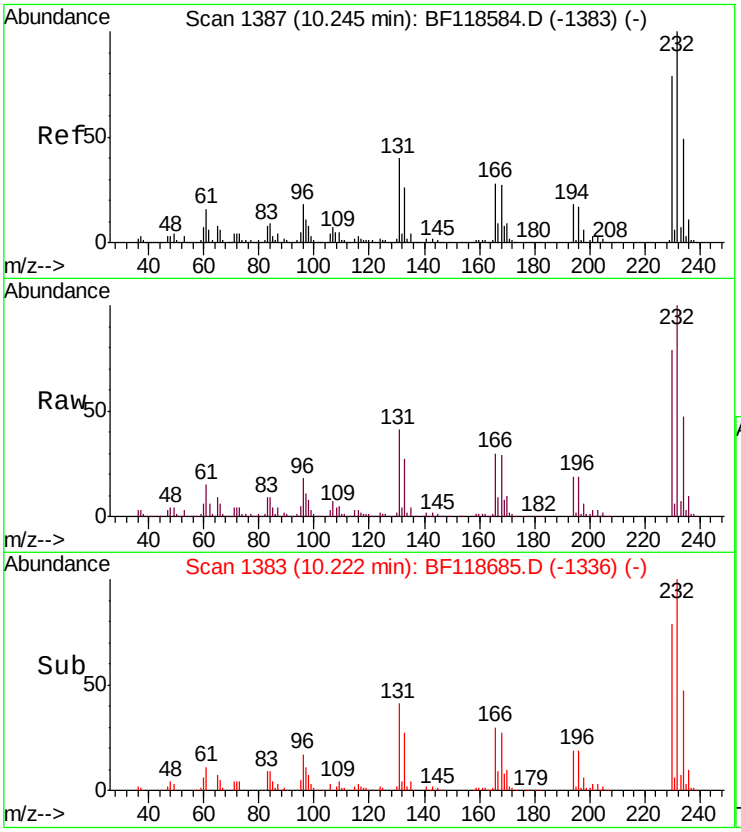




#58
Fluorene
Concen: 46.524 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:166 Resp: 1591775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 77.3 | 115.9 |
| 167 | 13.6 | 11.5 | 17.3 |



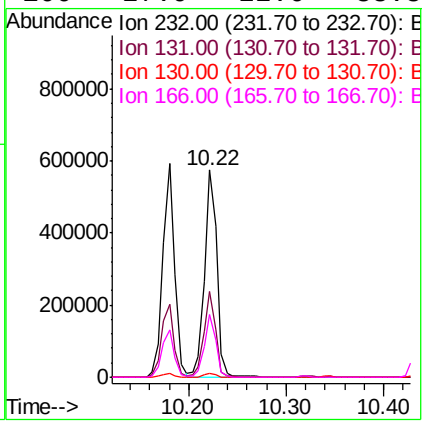


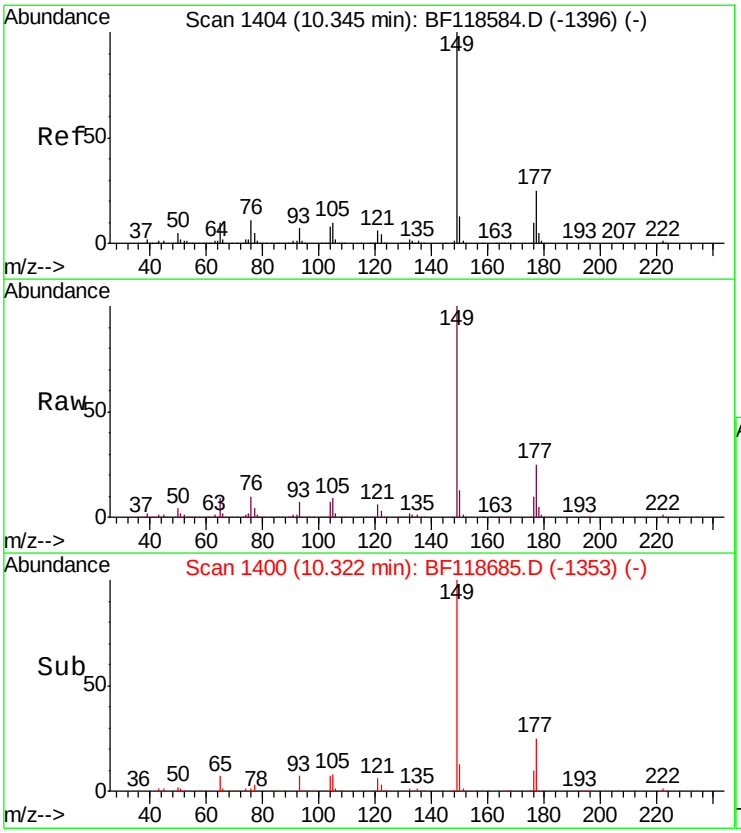

#59
2,3,4,6-Tetrachlorophenol
Concen: 46.932 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:232 Resp: 503763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.6 | 33.2 | 49.8 |
| 130 | 2.0 | 1.8 | 2.6 |
| 166 | 27.9 | 22.6 | 33.8 |

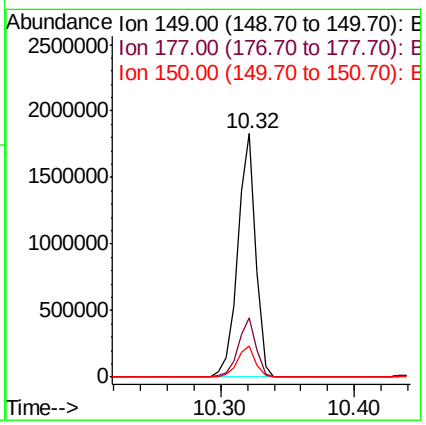


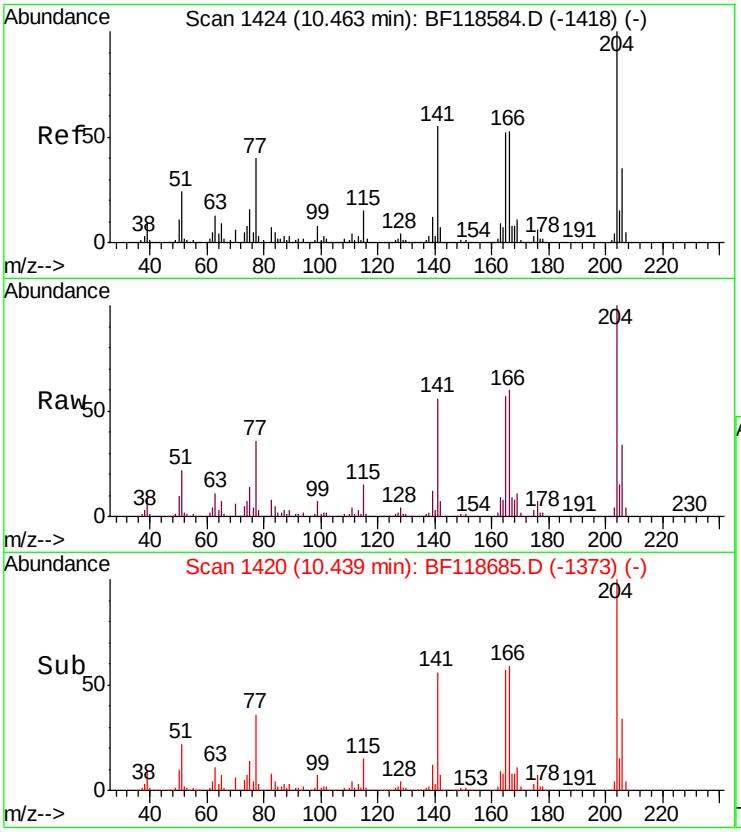




#60
Diethylphthalate
Concen: 47.058 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:149 Resp: 1710750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.6 | 20.0 | 30.0 |
| 150 | 13.0 | 10.6 | 16.0 |



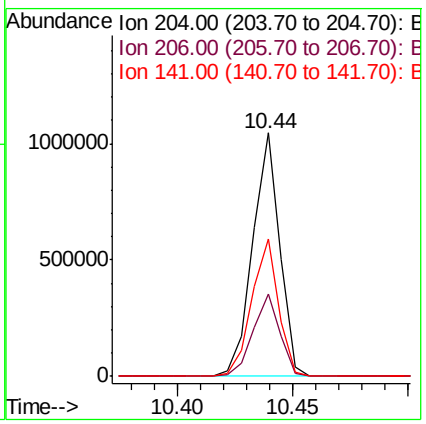


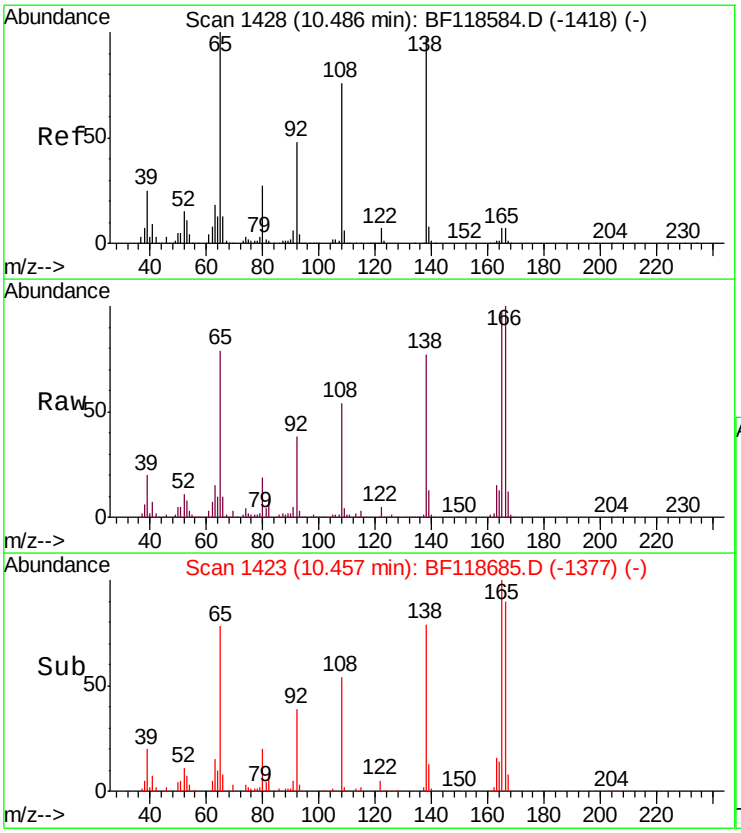

#61
4-Chlorophenyl-phenylether
Concen: 46.094 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:204 Resp: 857737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.0 | 27.8 | 41.6 |
| 141 | 56.5 | 43.7 | 65.5 |

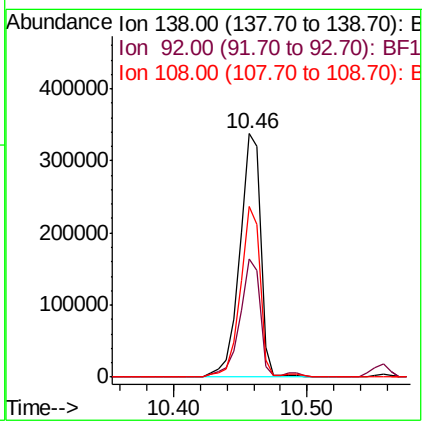


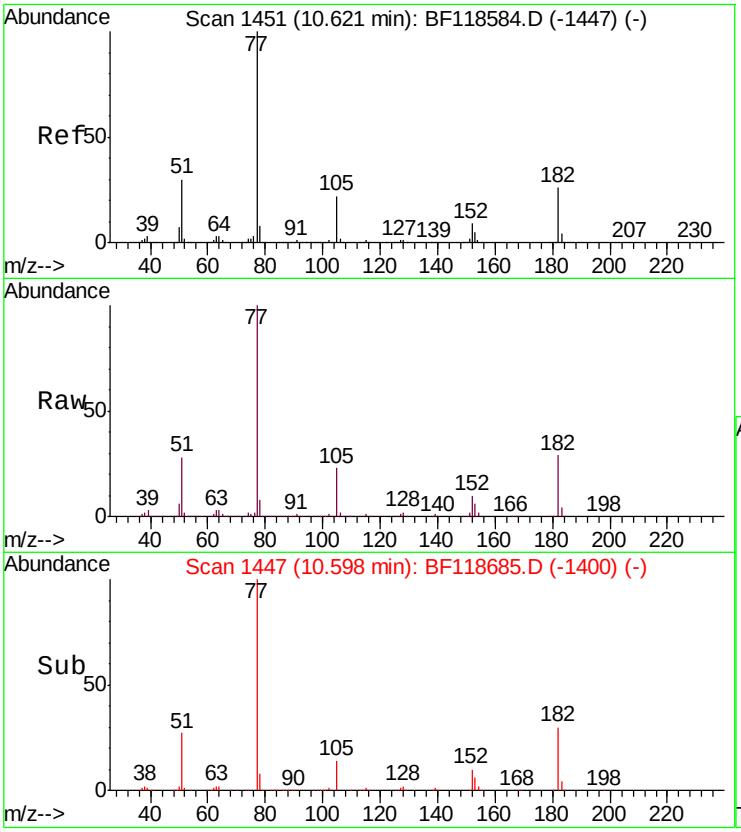




#62
4-Nitroaniline
Concen: 37.269 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:138 Resp: 366506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.7 | 29.4 | 69.4 |
| 108 | 70.1 | 58.2 | 98.2 |



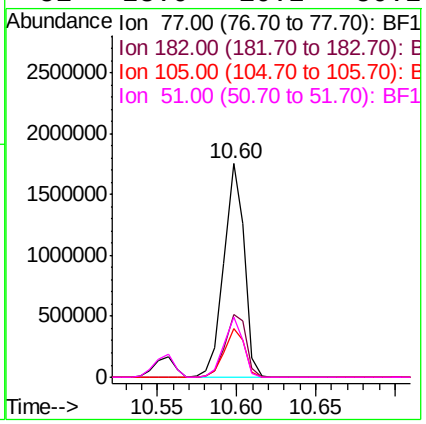


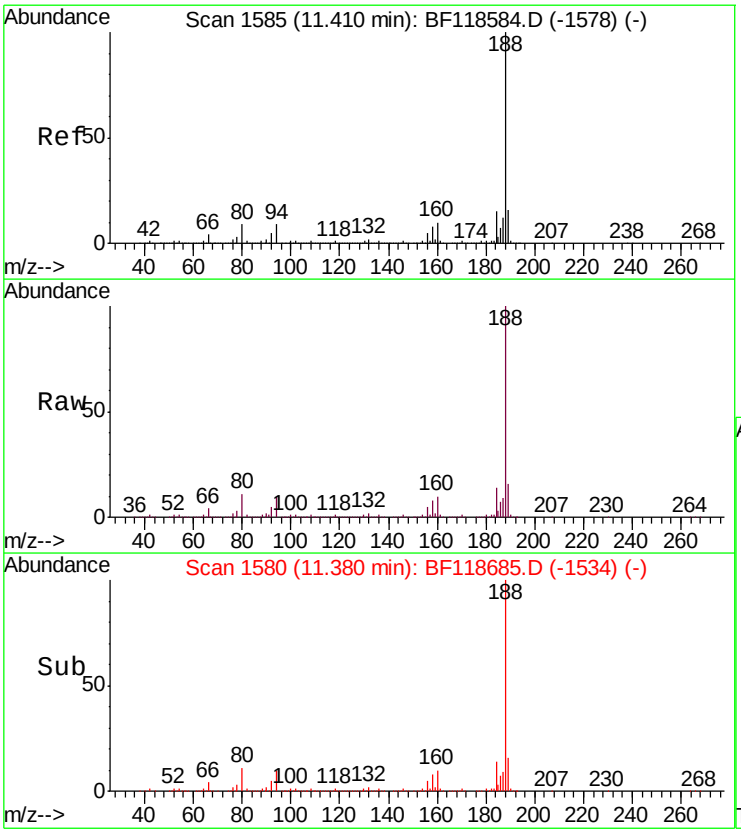

#63
Azobenzene
Concen: 44.219 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion: 77 Resp: 1556856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.1 | 5.6 | 45.6 |
| 105 | 22.7 | 2.0 | 42.0 |
| 51 | 28.0 | 10.2 | 50.2 |

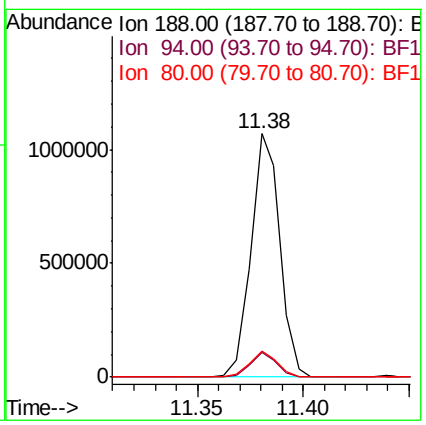


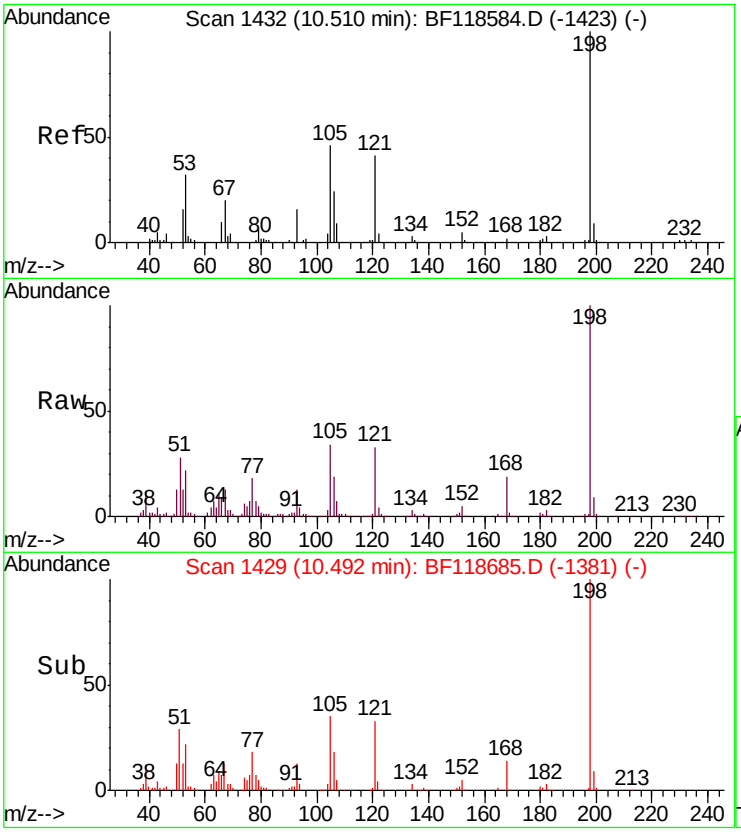




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:188 Resp: 1013551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.9 | 7.1 | 10.7 |
| 80 | 10.7 | 7.5 | 11.3 |



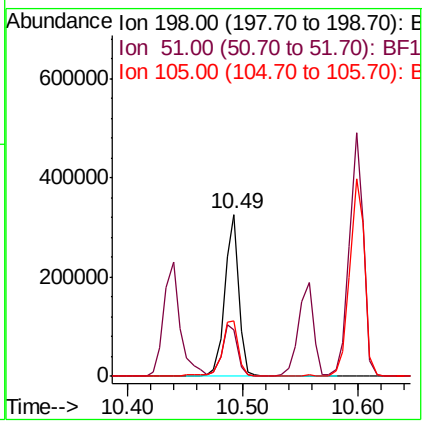


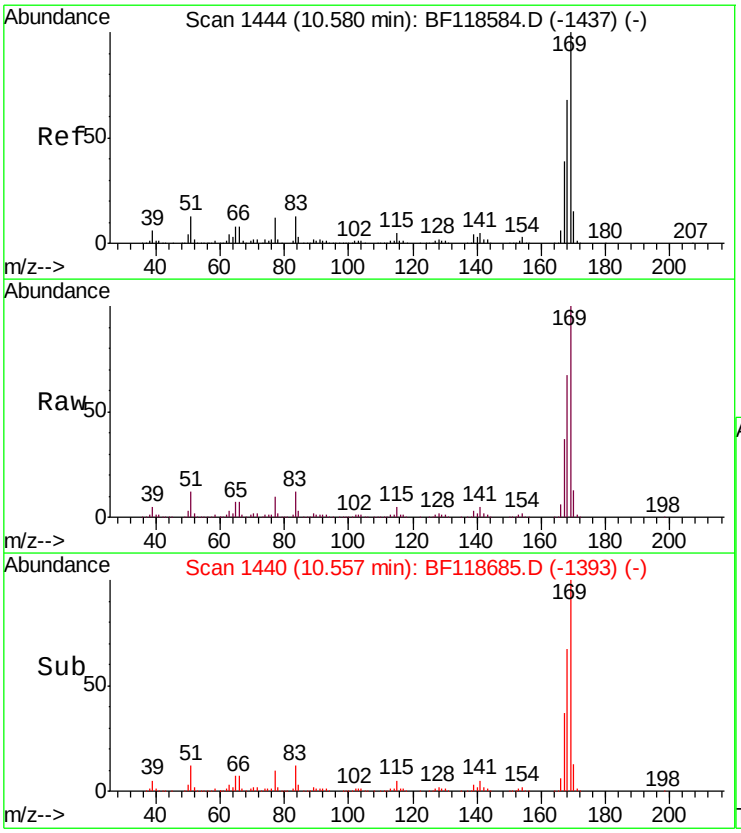

#65
4,6-Dinitro-2-methylphenol
Concen: 60.981 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:198 Resp: 271784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 28.4 | 25.2 | 65.2 |
| 105 | 34.4 | 26.3 | 66.3 |

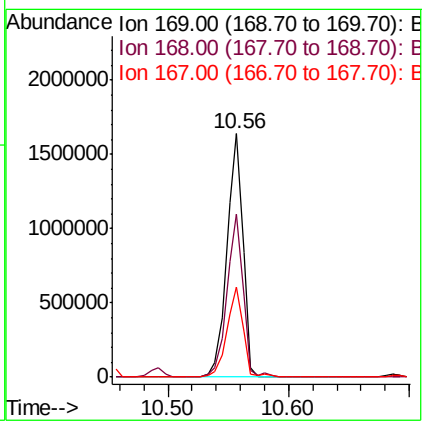


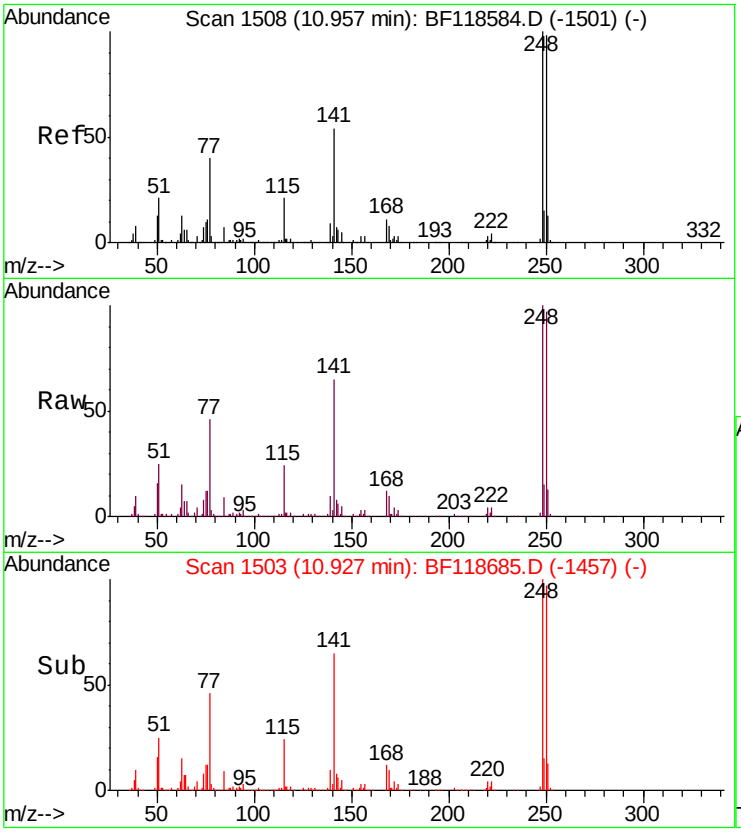




#66
n-Nitrosodiphenylamine
Concen: 49.075 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:169 Resp: 1500040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 54.6 | 82.0 |
| 167 | 36.8 | 30.9 | 46.3 |



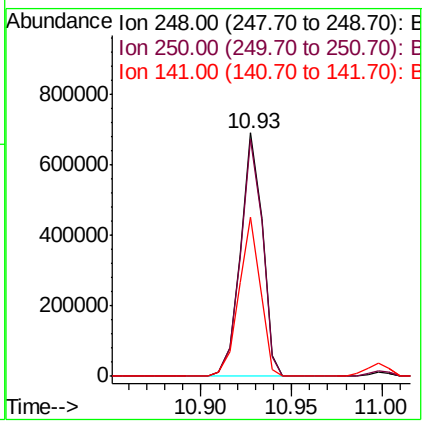


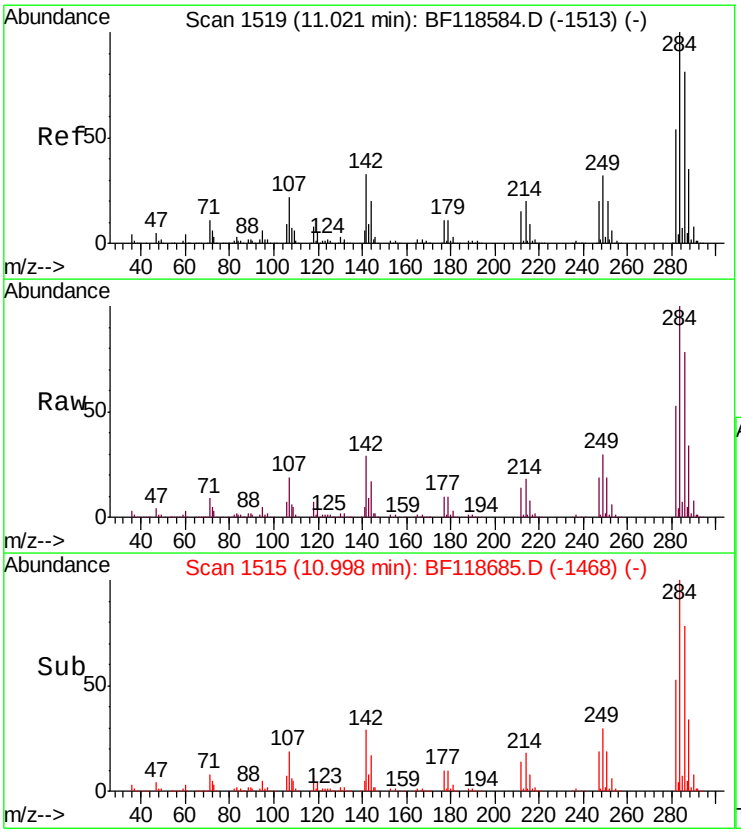

#67
4-Bromophenyl-phenylether
Concen: 46.380 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:248 Resp: 580771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.2 | 78.7 | 118.1 |
| 141 | 65.2 | 43.2 | 64.8# |

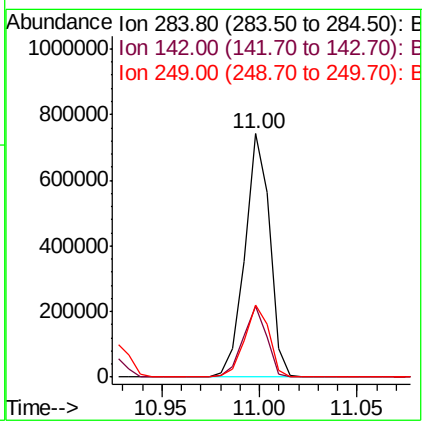


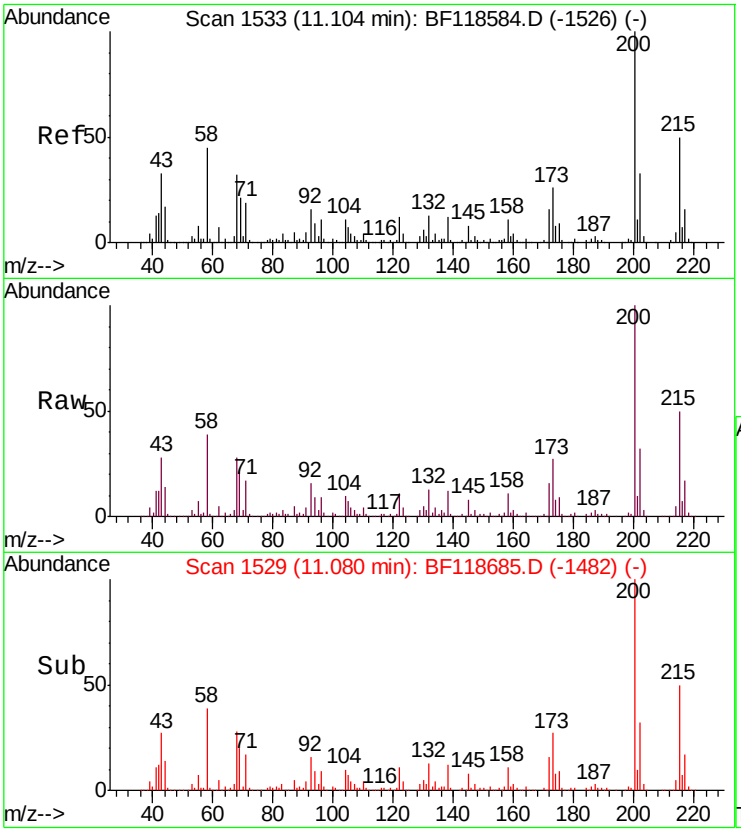




#68
Hexachlorobenzene
Concen: 45.949 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:284 Resp: 652331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 28.9 | 26.6 | 39.8 |
| 249 | 29.8 | 25.2 | 37.8 |



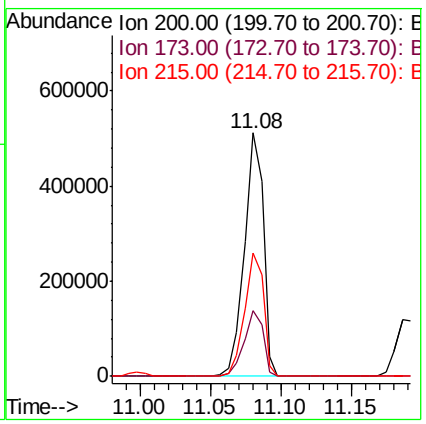


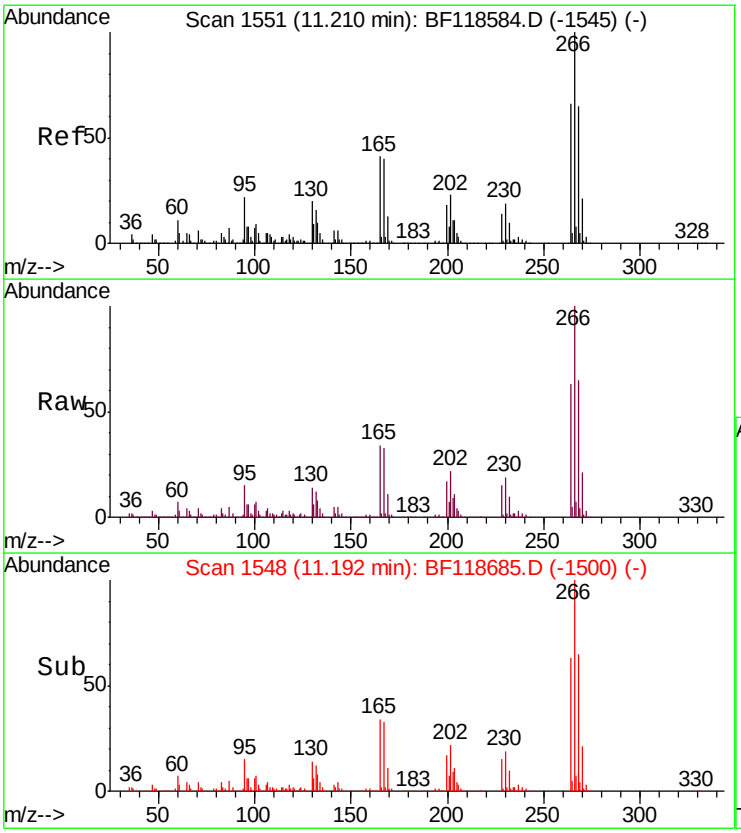

#69
Atrazine
Concen: 45.373 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:200 Resp: 480699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 6.3 | 46.3 |
| 215 | 50.4 | 30.2 | 70.2 |

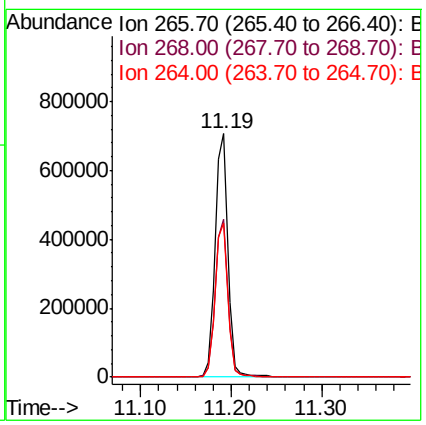


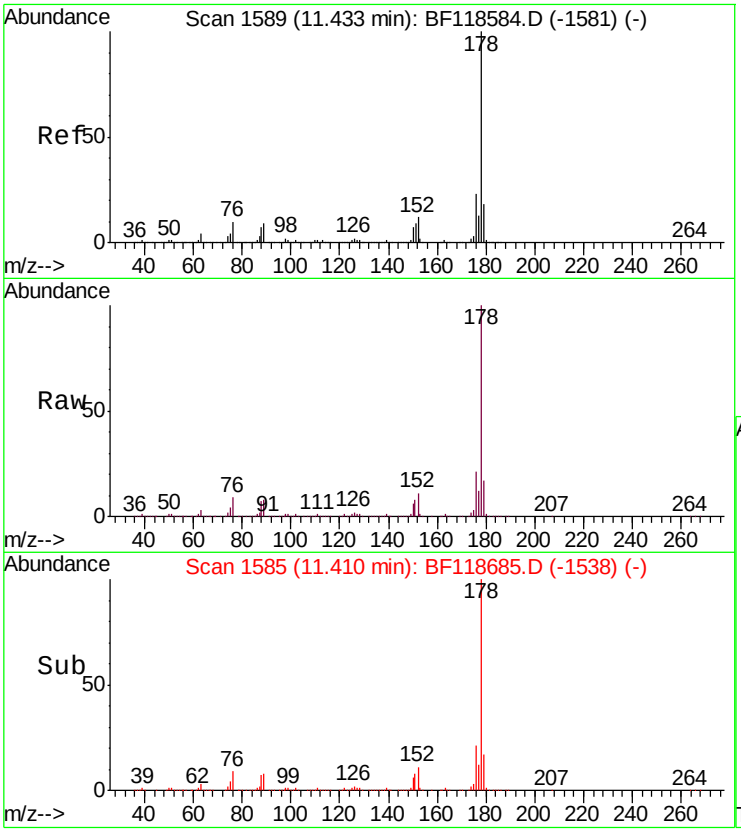




#70
Pentachlorophenol
Concen: 87.293 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:266 Resp: 689016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.9 | 52.1 | 78.1 |
| 264 | 63.2 | 52.4 | 78.6 |



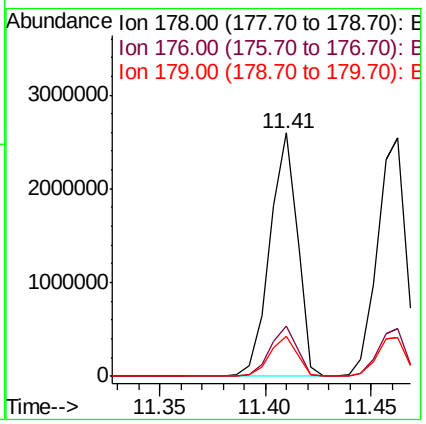


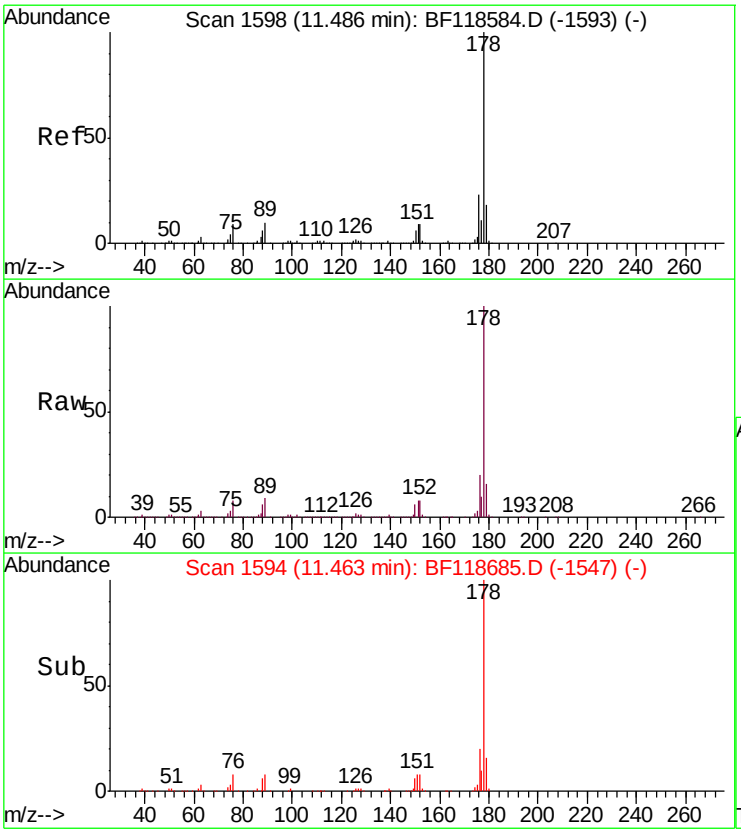

#71
Phenanthrene
Concen: 48.281 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:178 Resp: 2360835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.8 | 18.6 | 27.8 |
| 179 | 16.6 | 14.7 | 22.1 |

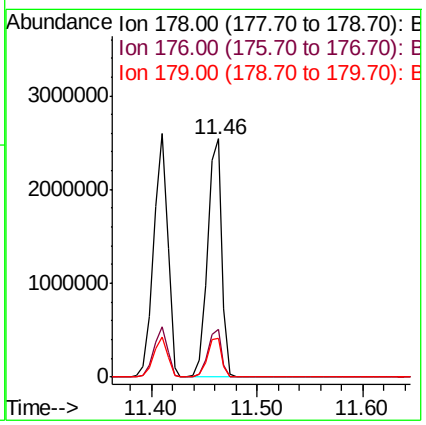


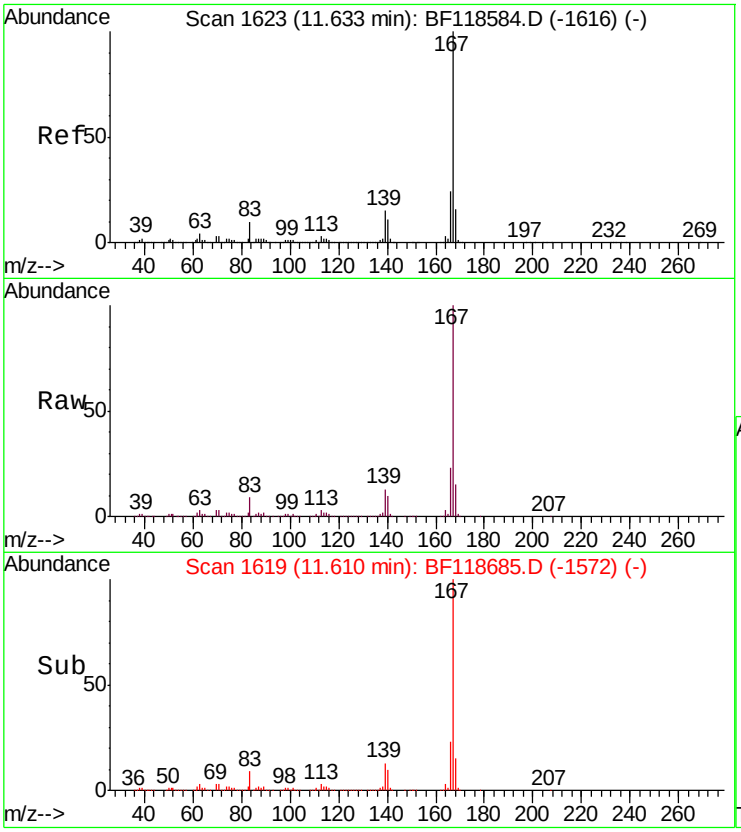




#72
Anthracene
Concen: 49.827 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:178 Resp: 2410844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.1 | 18.0 | 27.0 |
| 179 | 16.4 | 14.7 | 22.1 |



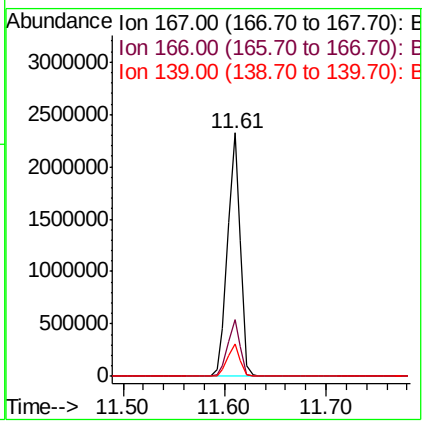


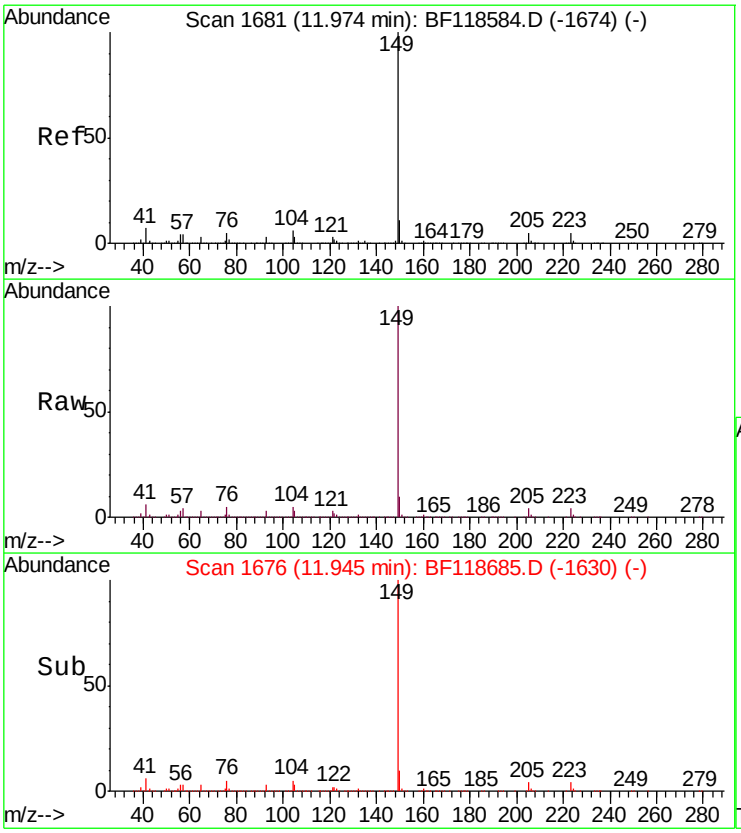

#73
Carbazole
Concen: 45.853 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:167 Resp: 2034931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.1 | 19.4 | 29.2 |
| 139 | 13.3 | 11.7 | 17.5 |

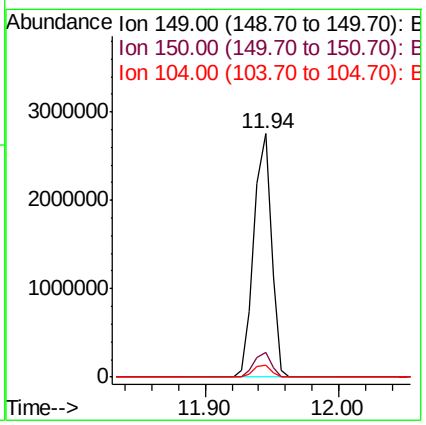


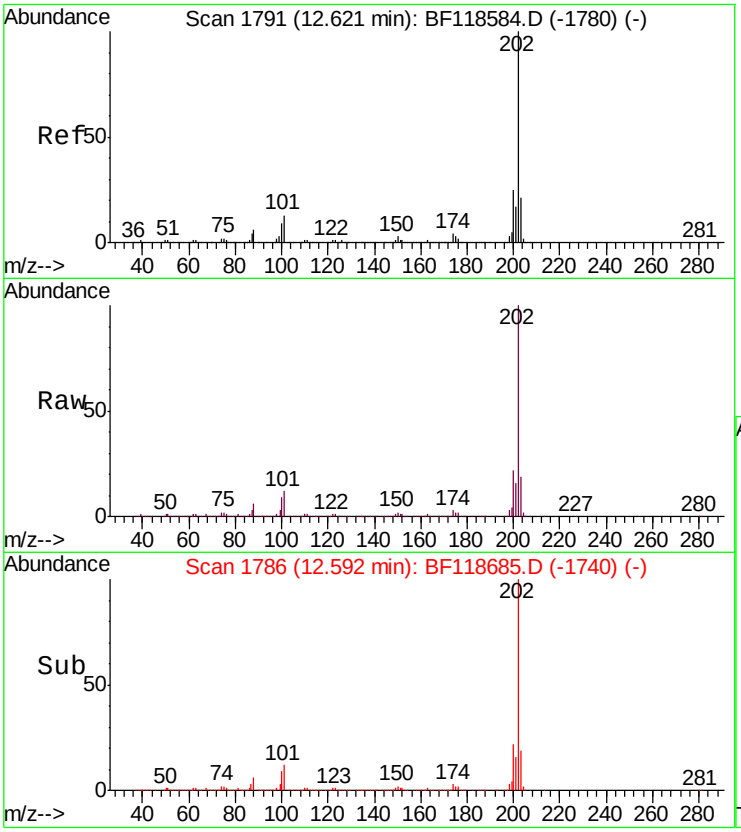




#74
Di-n-butylphthalate
Concen: 49.956 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:149 Resp: 2463175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.0 | 8.7 | 13.1 |
| 104 | 5.1 | 4.6 | 6.8 |



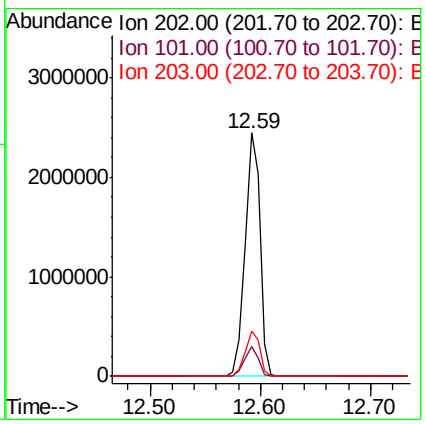


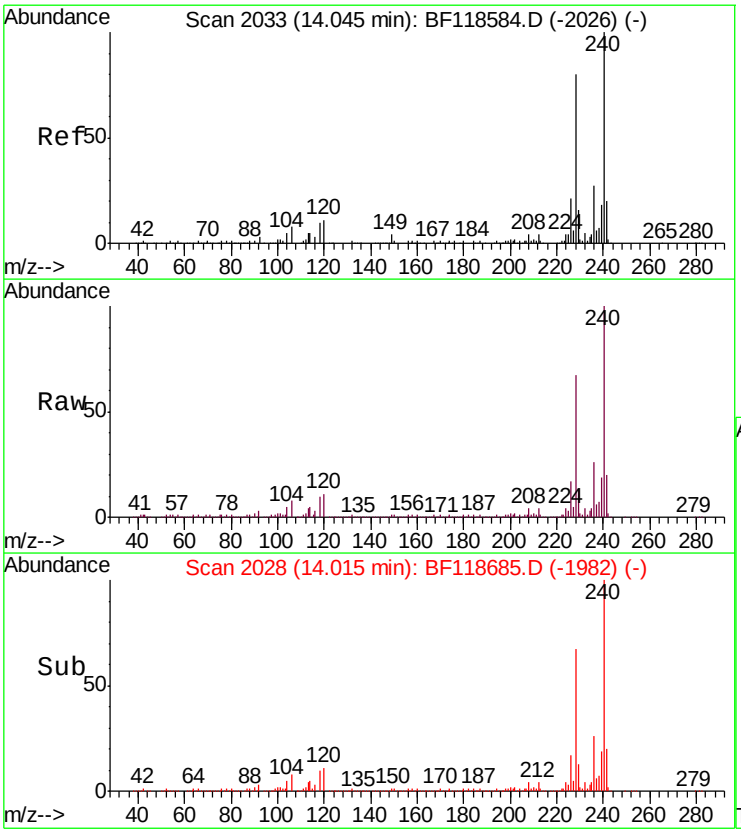

#75
Fluoranthene
Concen: 45.264 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:202 Resp: 2334432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 0.0 | 32.5 |
| 203 | 18.7 | 0.8 | 40.8 |

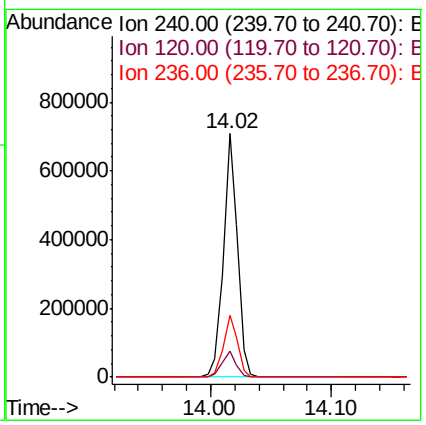


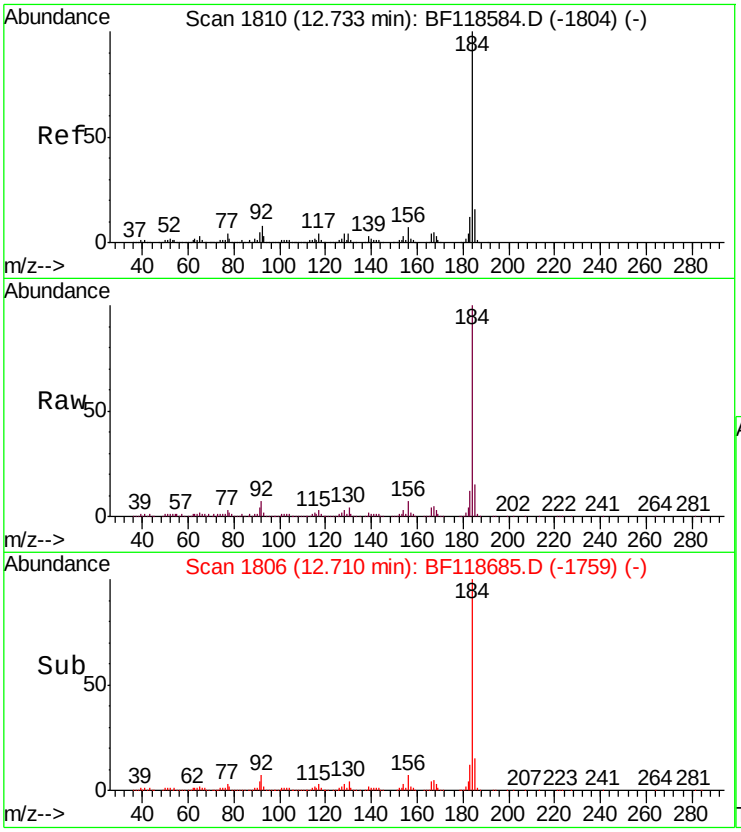




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:240 Resp: 566548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 8.9 | 13.3 |
| 236 | 25.6 | 21.5 | 32.3 |



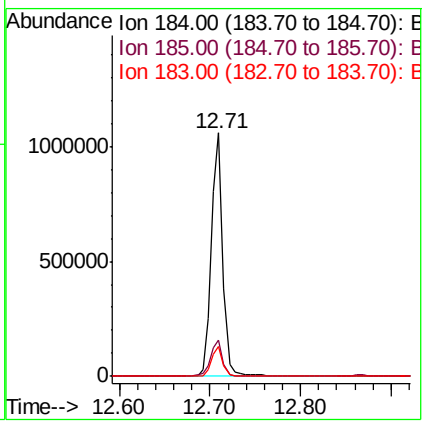


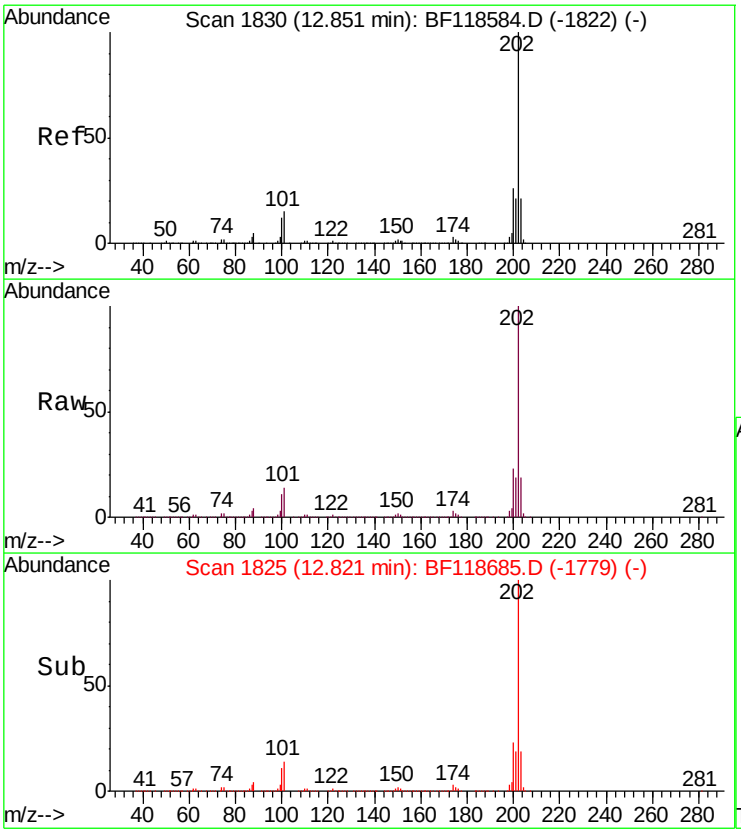

#77
Benzidine
Concen: 62.142 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:184 Resp: 940689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.9 | 19.3 |
| 183 | 12.2 | 9.6 | 14.4 |

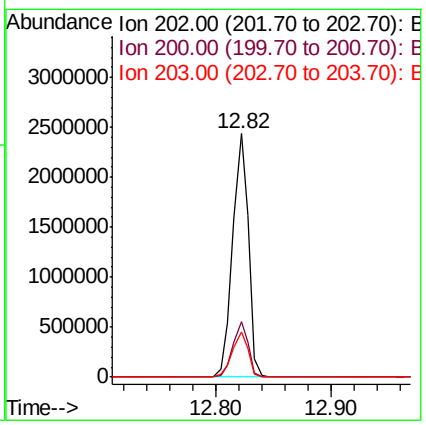


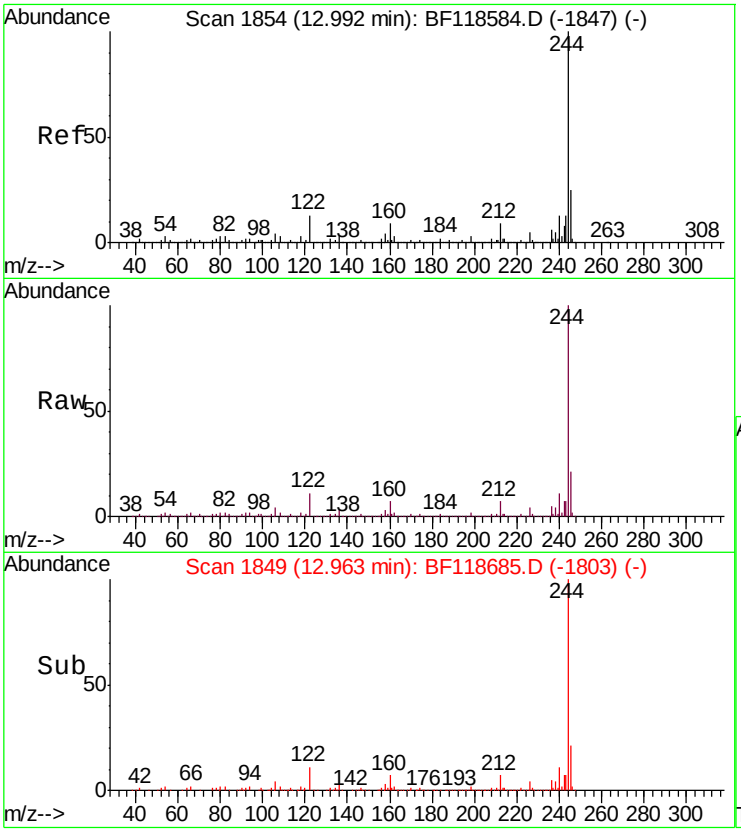




#78
Pyrene
Concen: 59.563 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:202 Resp: 2290990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.8 | 20.6 | 31.0 |
| 203 | 18.8 | 16.8 | 25.2 |



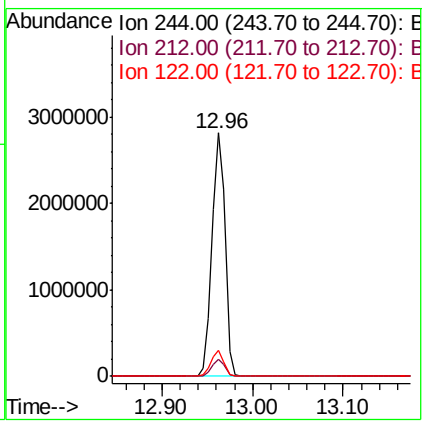


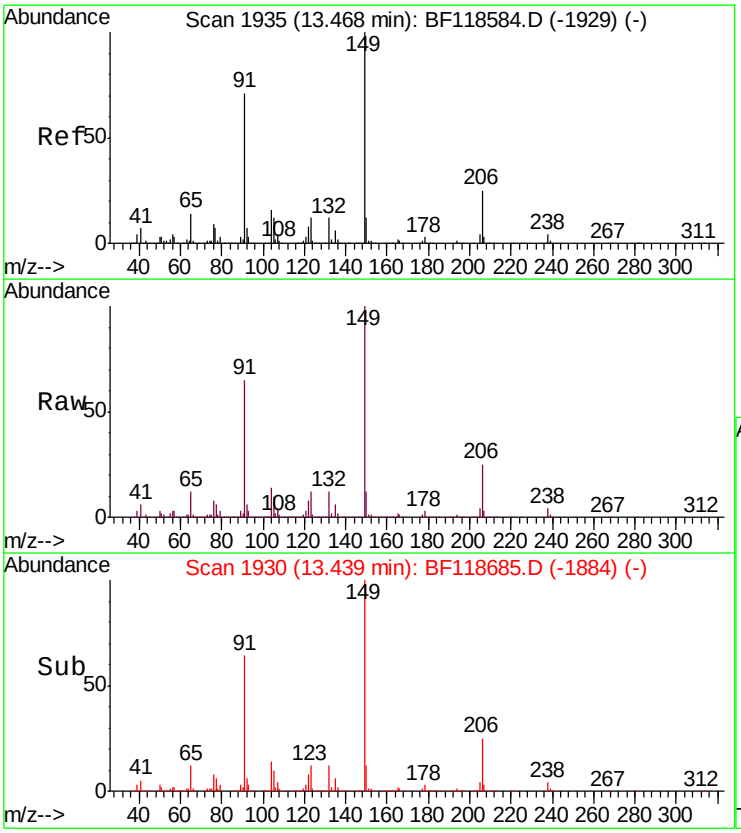

#79
Terphenyl-d14
Concen: 108.785 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:244 Resp: 2825743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 7.0 | 10.4 |
| 122 | 10.9 | 10.7 | 16.1 |

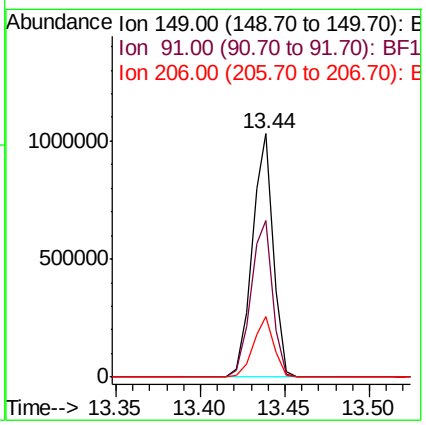


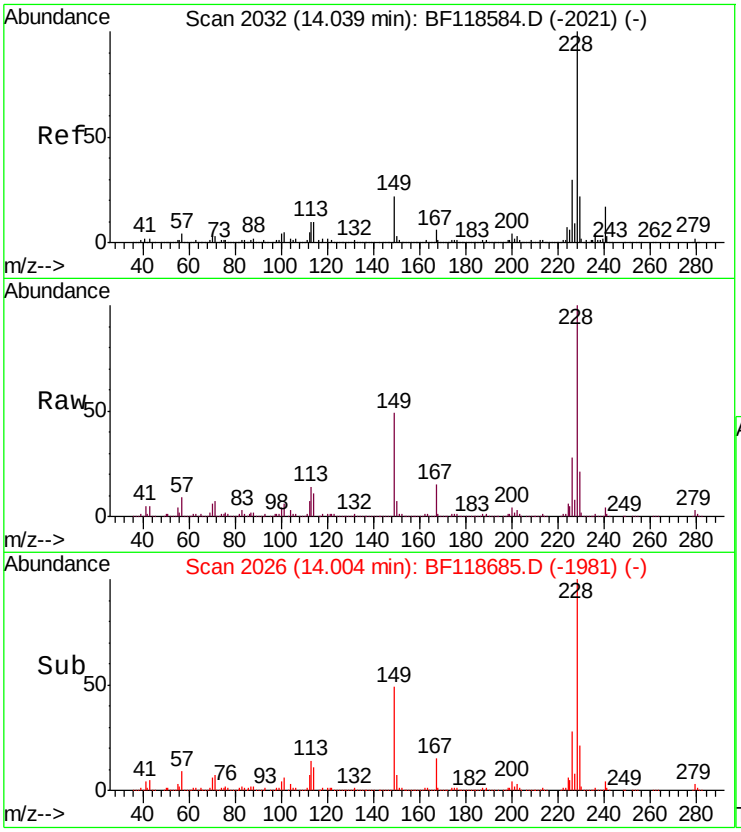




#80
Butylbenzylphthalate
Concen: 56.791 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:149 Resp: 893980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.5 | 56.5 | 84.7 |
| 206 | 25.1 | 19.9 | 29.9 |



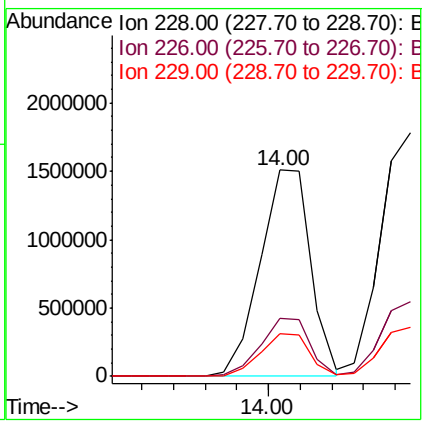


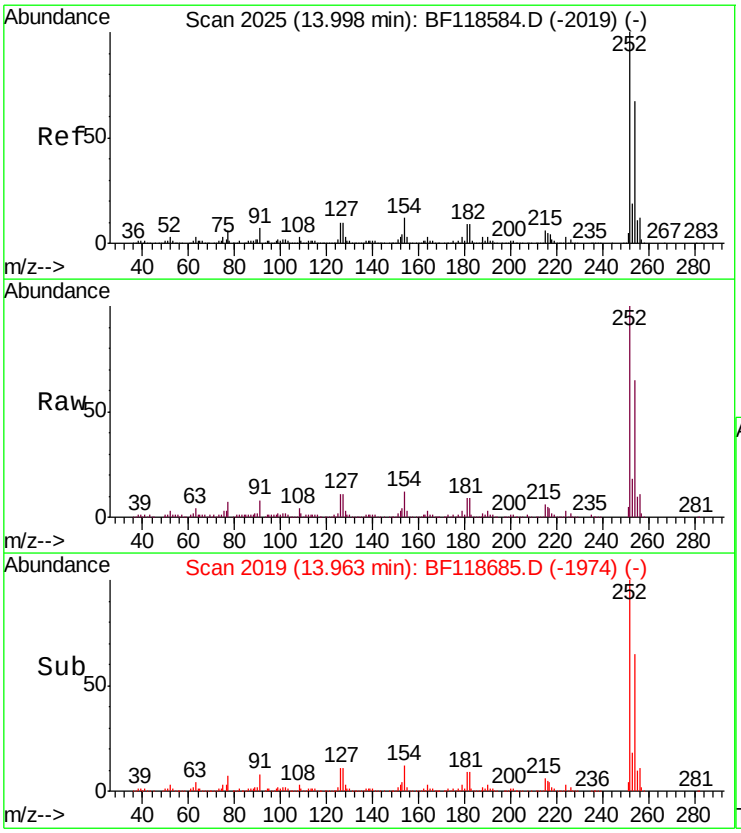

#81
Benzo(a)anthracene
Concen: 48.993 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:228 Resp: 1669732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 24.1 | 36.1 |
| 229 | 20.8 | 17.6 | 26.4 |

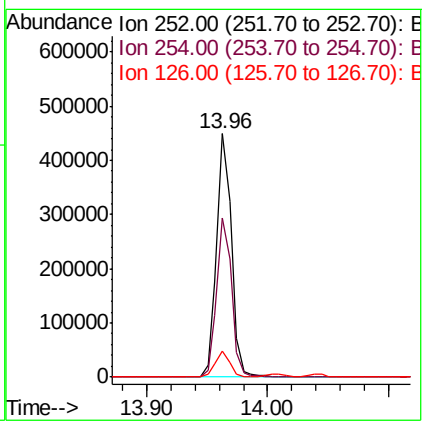


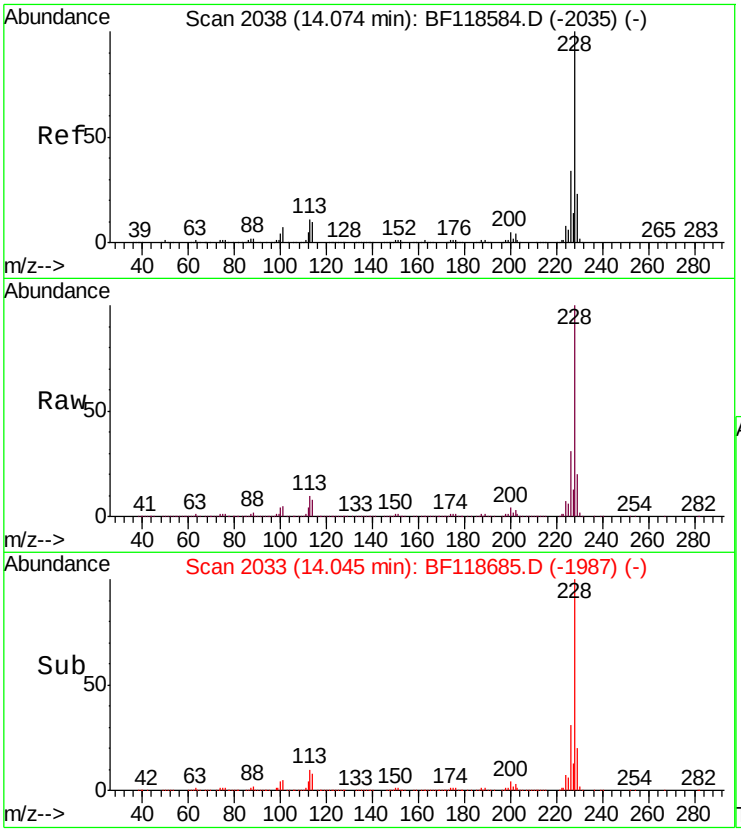




#82
3,3'-Dichlorobenzidine
Concen: 31.215 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:252 Resp: 379078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 53.4 | 80.2 |
| 126 | 10.7 | 8.0 | 12.0 |



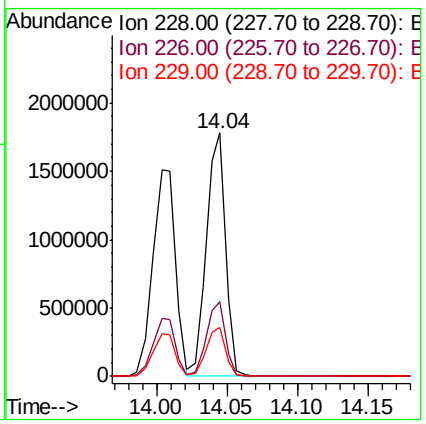


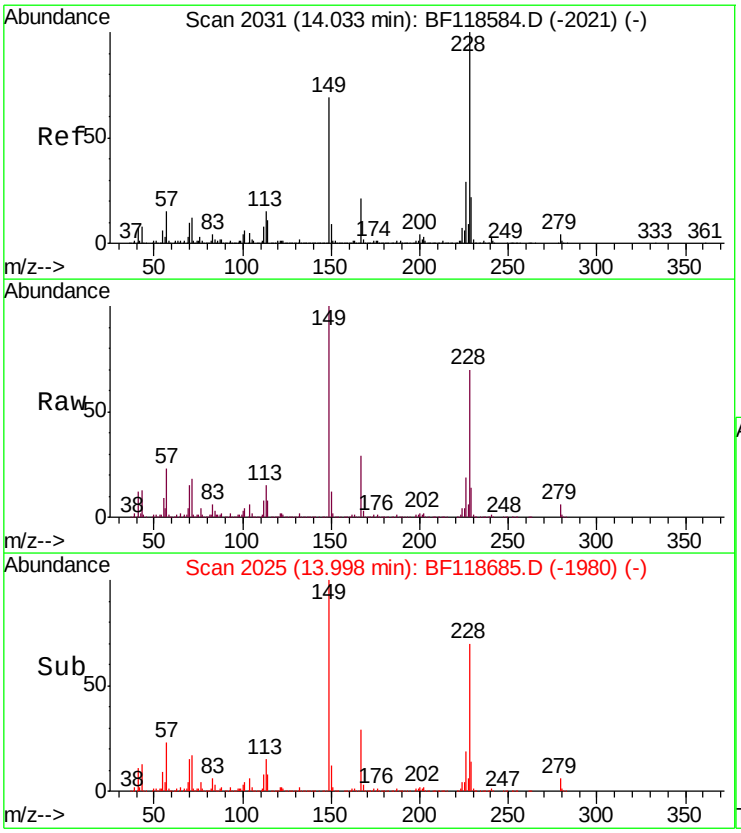

#83
Chrysene
Concen: 50.968 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:228 Resp: 1664789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 27.4 | 41.0 |
| 229 | 20.1 | 18.3 | 27.5 |

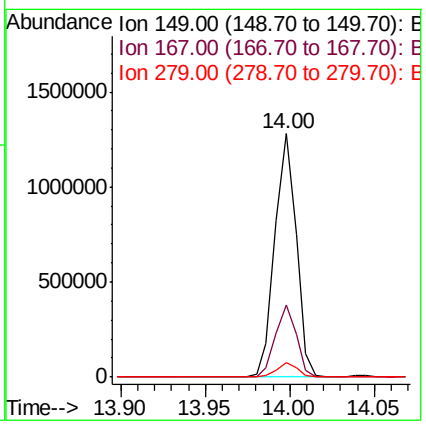


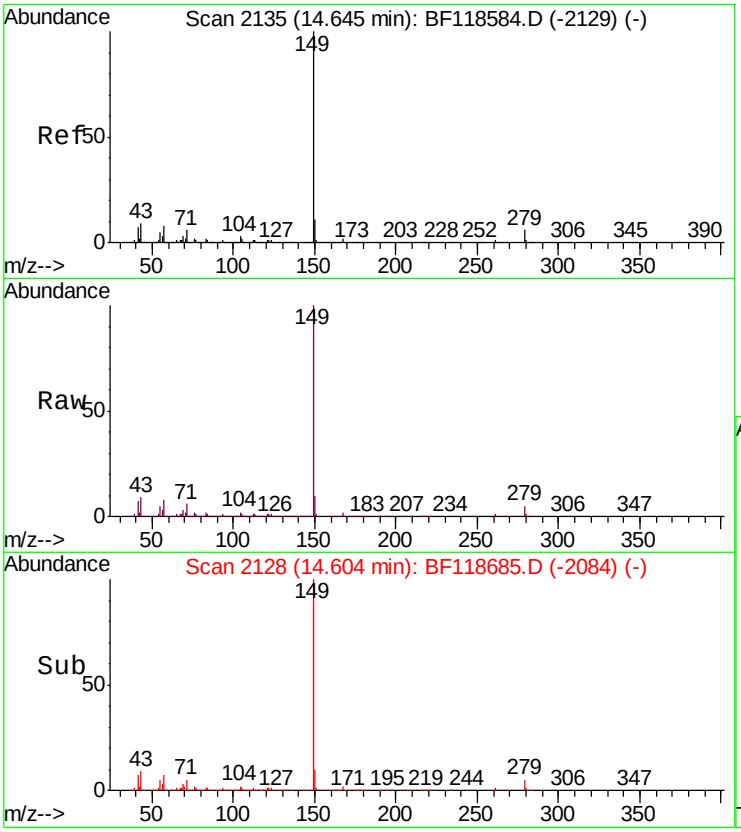




#84
Bis(2-ethylhexyl)phthalate
Concen: 58.304 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:149 Resp: 1121295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.4 | 24.2 | 36.4 |
| 279 | 5.7 | 5.0 | 7.4 |



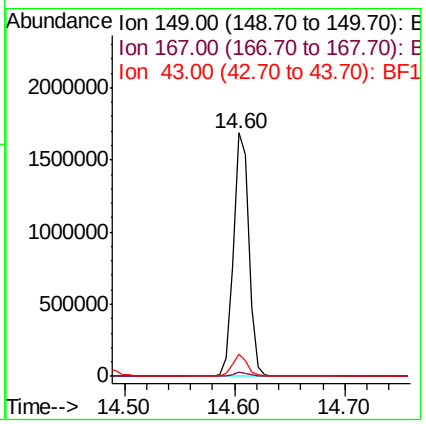


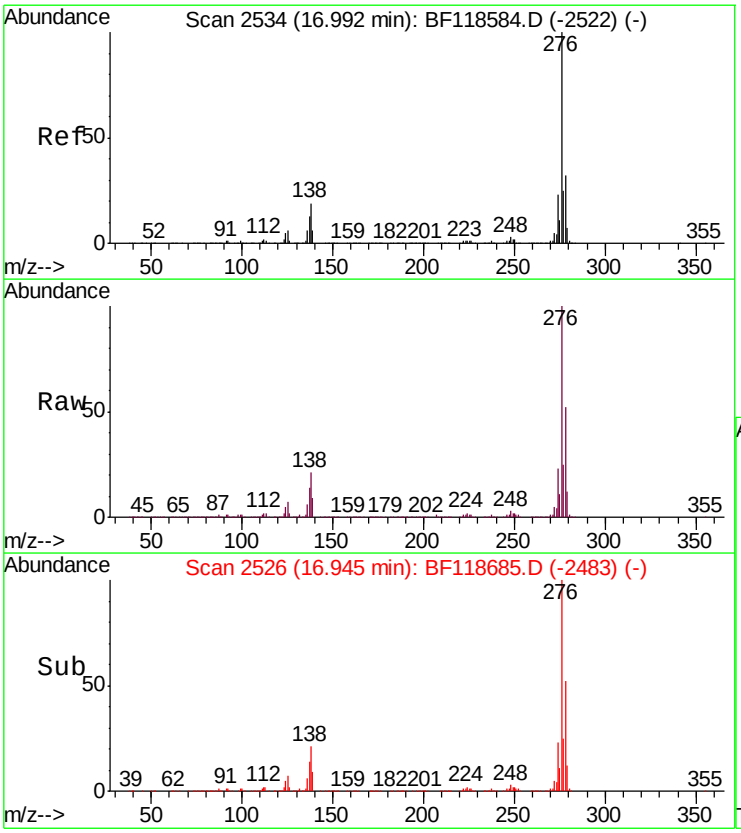

#85
Di-n-octyl phthalate
Concen: 58.217 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:149 Resp: 1657255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.4 | 2.0 |
| 43 | 8.1 | 8.1 | 12.1 |

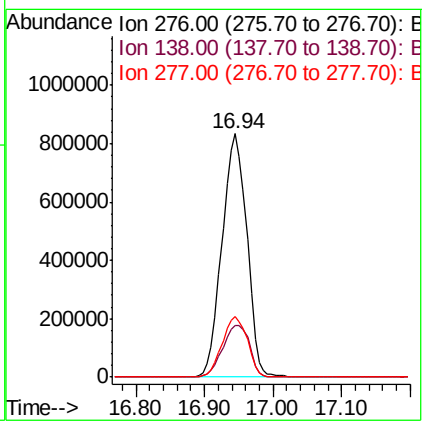


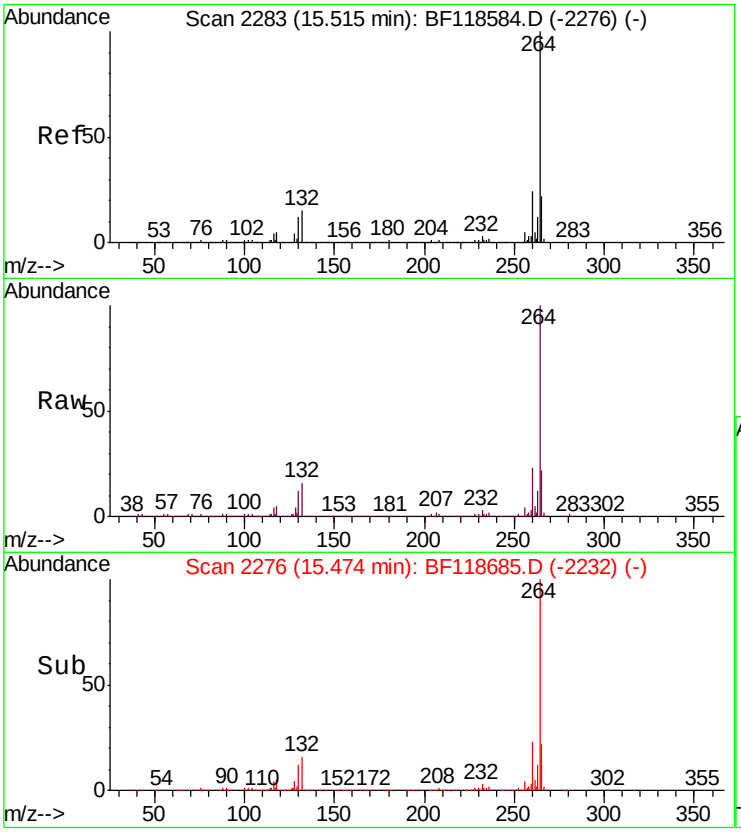




#86
Indeno(1,2,3-cd)pyrene
Concen: 73.618 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.05 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:276 Resp: 2089341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.2 | 17.2 | 25.8 |
| 277 | 25.5 | 20.5 | 30.7 |



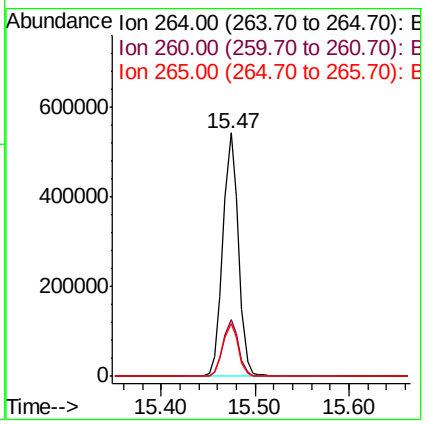


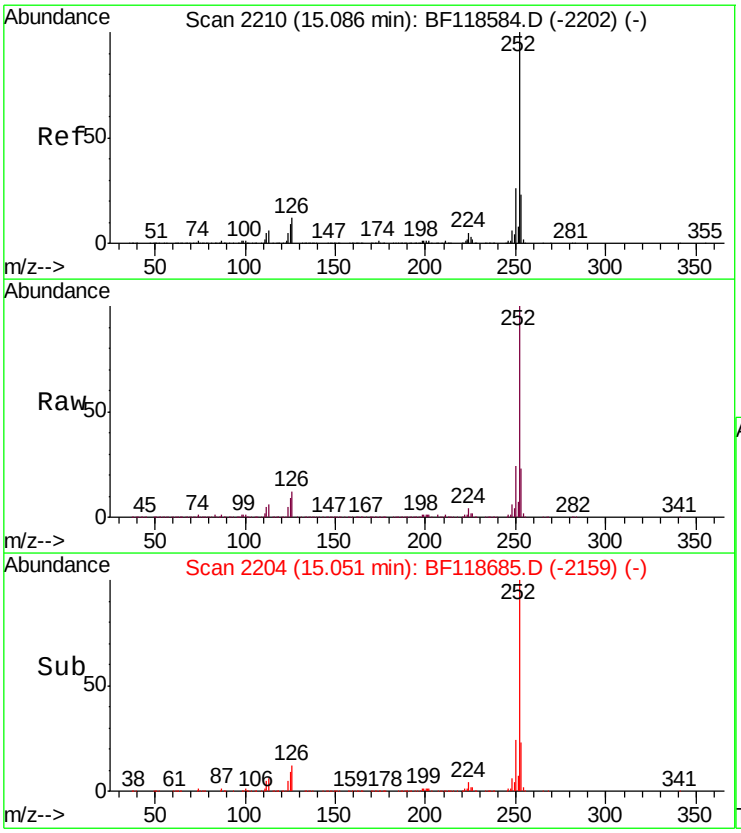

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:264 Resp: 627117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.6 | 29.4 |
| 265 | 21.7 | 17.7 | 26.5 |

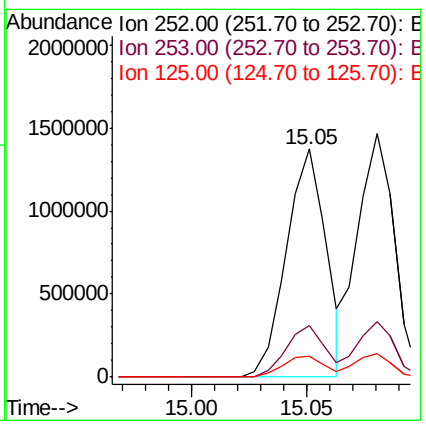


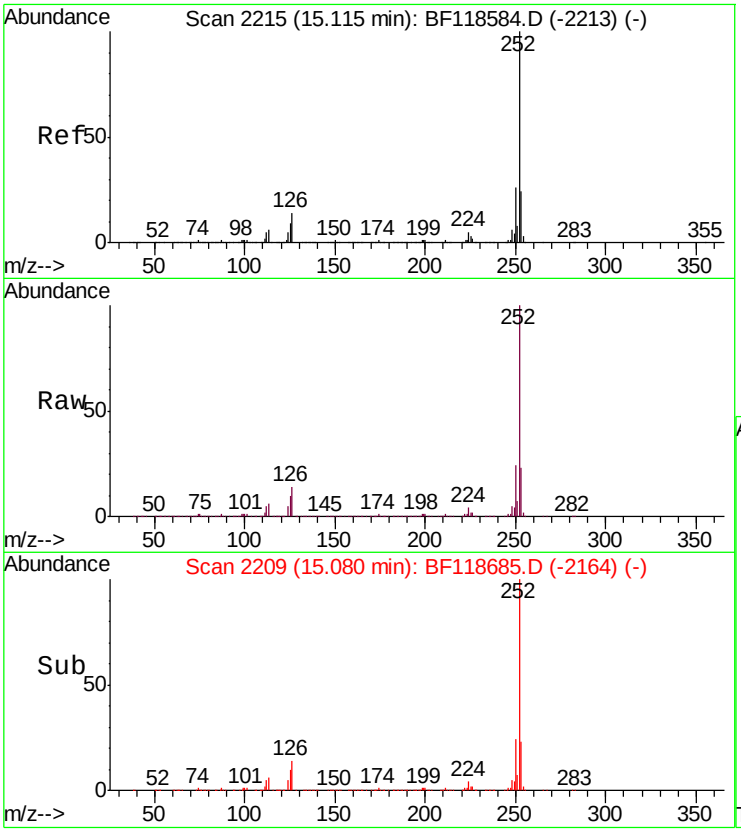




#88
Benzo(b)fluoranthene
Concen: 41.510 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:252 Resp: 1636279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.7 | 28.1 |
| 125 | 9.4 | 7.3 | 10.9 |



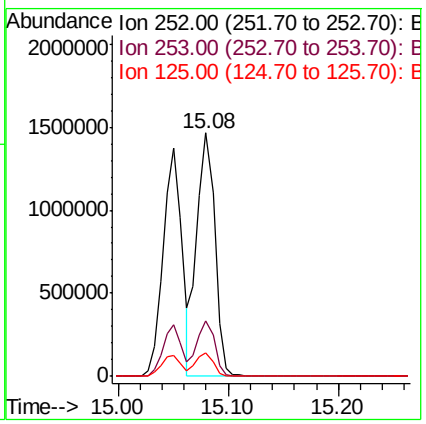


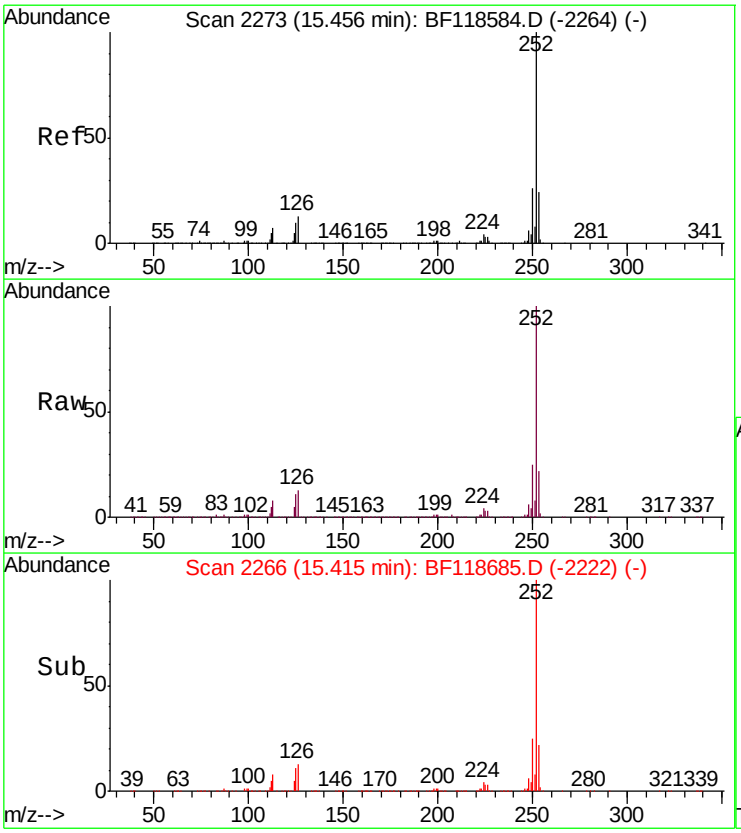

#89
Benzo(k)fluoranthene
Concen: 44.587 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:252 Resp: 1628318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 19.0 | 28.4 |
| 125 | 9.6 | 7.6 | 11.4 |

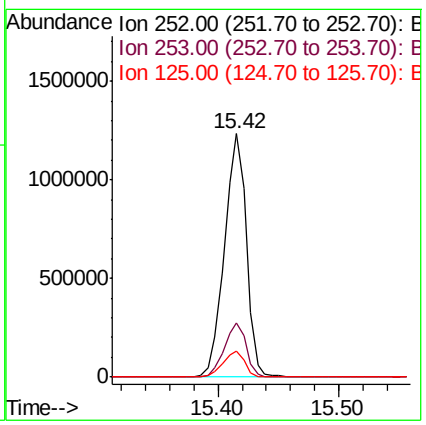


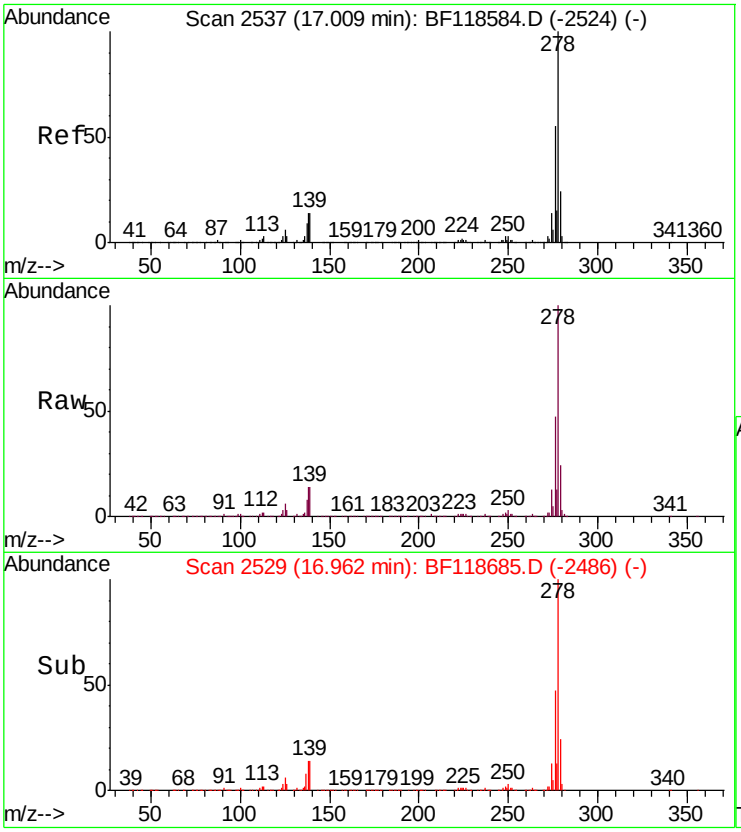




#90
Benzo(a)pyrene
Concen: 45.691 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:252 Resp: 1553657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.8 | 28.2 |
| 125 | 10.6 | 7.8 | 11.6 |



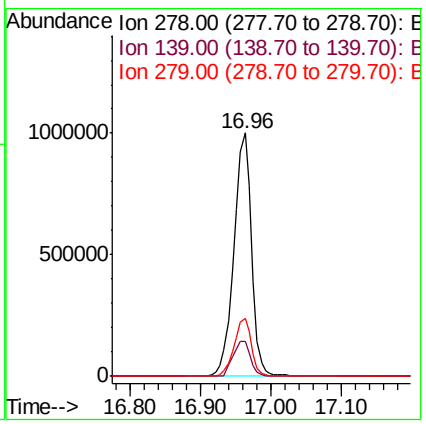


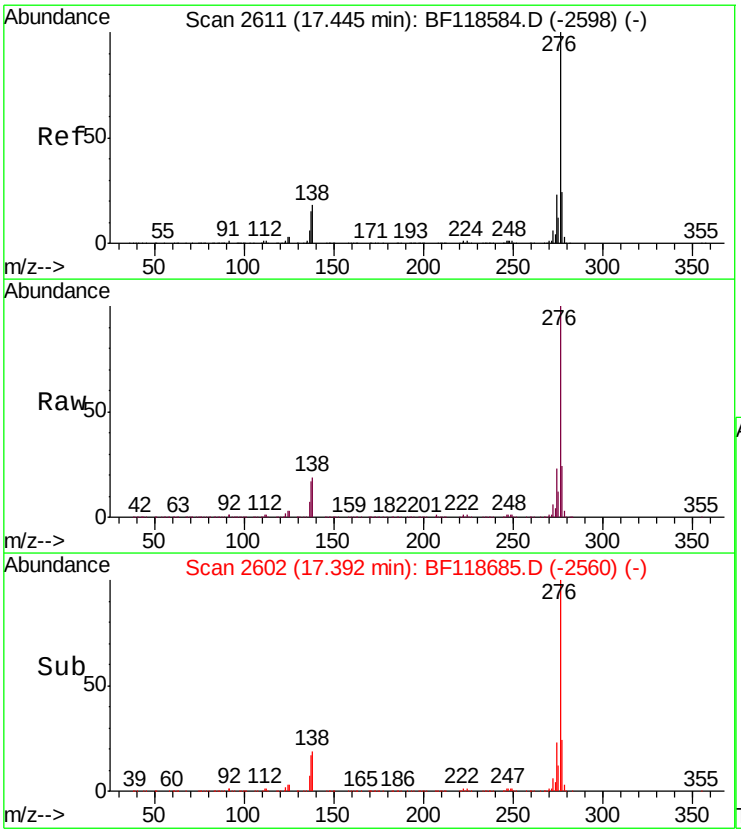

#91
Dibenzo(a,h)anthracene
Concen: 57.874 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.05 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

**Instrument :**
BNA_F
**ClientSampleId :**
EP-12MS

Tgt Ion:278 Resp: 1740770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.3 | 11.4 | 17.0 |
| 279 | 23.7 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 63.191 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.05 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:276 Resp: 1845471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.9 | 28.3 |
| 138 | 19.3 | 14.4 | 21.6 |