Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118567.D
Acq On : 17 Jan 2020 19:31
Operator : JU
Sample : L1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-05-011420

Quant Time: Jan 18 01:04:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 305047 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 1096439 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 613771 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.41 | 188 | 1150592 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.04 | 240 | 982475 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.52 | 264 | 1013849 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 2406611 | 145.77 | ng | | 0.01 |
| 7) Phenol-d6 | 6.52 | 99 | 2949706 | 136.36 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 1956493 | 110.21 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.71 | 330 | 1117414 | 164.69 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.25 | 172 | 3662763 | 107.73 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.00 | 244 | 4637709 | 93.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.81 | 88 | 126 | 0.016 | ng | # | 23 |
| 3) Pyridine | 3.45 | 79 | 378 | 0.017 | ng | # | 16 |
| 4) n-Nitrosodimethylamine | 3.38 | 42 | 471 | 0.047 | ng | # | 1 |
| 6) Aniline | 6.52 | 93 | 230 | 0.008 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.67 | 128 | 776 | 0.041 | ng | # | 1 |
| 9) Benzaldehyde | 6.51 | 77 | 5683 | 0.513 | ng | # | 3 |
| 10) Phenol | 6.52 | 94 | 1647 | 0.069 | ng | # | 1 |
| 11) bis(2-Chloroethyl)ether | 6.66 | 93 | 3810 | 0.200 | ng | # | 1 |
| 12) 1,3-Dichlorobenzene | 6.83 | 146 | 122 | 0.005 | ng | # | 25 |
| 13) 1,4-Dichlorobenzene | 6.83 | 146 | 122 | 0.005 | ng | # | 23 |
| 14) 1,2-Dichlorobenzene | 7.06 | 146 | 169 | 0.008 | ng | # | 39 |
| 15) Benzyl Alcohol | 7.05 | 79 | 36726 | 2.069 | ng | # | 49 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45 | 496 | 0.018 | ng | | 65 |
| 17) 2-Methylphenol | 7.12 | 107 | 232 | 0.015 | ng | # | 6 |
| 18) Hexachloroethane | 7.43 | 117 | 576 | 0.070 | ng | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 7.45 | 70 | 280906 | 18.108 | ng | # | 78 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 1474 | 0.077 | ng | # | 80 |
| 22) Acetophenone | 7.29 | 105 | 3773 | 0.142 | ng | # | 81 |
| 24) Nitrobenzene | 7.49 | 77 | 242 | 0.013 | ng | # | 37 |
| 25) Isophorone | 7.45 | 82 | 1948514 | 50.572 | ng | # | 63 |
| 27) 2,4-Dimethylphenol | 7.94 | 122 | 1336 | 0.087 | ng | | 85 |
| 28) bis(2-Chloroethoxy)methane | 8.17 | 93 | 579 | 0.023 | ng | # | 1 |
| 30) 1,2,4-Trichlorobenzene | 8.11 | 180 | 219 | 0.011 | ng | # | 71 |
| 31) Naphthalene | 8.19 | 128 | 15749 | 0.305 | ng | | 95 |
| 32) Benzoic acid | 7.83 | 122 | 5603 | 8.300 | ng | | 98 |
| 33) 4-Chloroaniline | 8.19 | 127 | 2118 | 0.088 | ng | # | 46 |
| 35) Caprolactam | 8.55 | 113 | 351 | 0.067 | ng | # | 32 |
| 37) 2-Methylnaphthalene | 8.88 | 142 | 4962 | 0.135 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.98 | 142 | 3749 | 0.108 | ng | # | 95 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 734 | 0.037 | ng | # | 78 |
| 41) Hexachlorocyclopentadiene | 9.05 | 237 | 291 | 0.028 | ng | # | 28 |
| 46) 1,1'-Biphenyl | 9.35 | 154 | 11791 | 0.269 | ng | | 95 |
| 47) 2-Chloronaphthalene | 9.37 | 162 | 910 | 0.025 | ng | # | 90 |
| 48) 2-Nitroaniline | 9.25 | 65 | 6785 | 0.706 | ng | # | 1 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118567.D
Acq On : 17 Jan 2020 19:31
Operator : JU
Sample : L1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-05-011420

Quant Time: Jan 18 01:04:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 49) Acenaphthylene | 9.78 | 152 | 1326 | 0.025 | ng | # | 81 |
| 51) 2,6-Dinitrotoluene | 9.92 | 165 | 79719 | 9.915 | ng | # | 27 |
| 52) Acenaphthene | 9.96 | 154 | 2277 | 0.067 | ng | | 91 |
| 55) Dibenzofuran | 10.13 | 168 | 4841 | 0.100 | ng | # | 92 |
| 56) 4-Nitrophenol | 10.13 | 139 | 1740 | 0.259 | ng | # | 13 |
| 57) 2,4-Dinitrotoluene | 9.92 | 165 | 79719 | 11.771 | ng | # | 22 |
| 58) Fluorene | 10.47 | 166 | 3699 | 0.099 | ng | # | 93 |
| 60) Diethylphthalate | 10.34 | 149 | 2005 | 0.049 | ng | # | 79 |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204 | 805 | 0.039 | ng | # | 66 |
| 63) Azobenzene | 10.62 | 77 | 1789 | 0.045 | ng | | 77 |
| 65) 4,6-Dinitro-2-methylphenol | 10.71 | 198 | 2421 | 10.138 | ng | # | 1 |
| 66) n-Nitrosodiphenylamine | 10.71 | 169 | 30297 | 0.819 | ng | # | 43 |
| 67) 4-Bromophenyl-phenylether | 10.71 | 248 | 69482 | 4.511 | ng | # | 1 |
| 68) Hexachlorobenzene | 11.02 | 284 | 174 | 0.010 | ng | # | 43 |
| 70) Pentachlorophenol | 11.21 | 266 | 109 | 0.013 | ng | # | 19 |
| 71) Phenanthrene | 11.48 | 178 | 3493 | 0.060 | ng | | 98 |
| 72) Anthracene | 11.48 | 178 | 3493 | 0.061 | ng | | 97 |
| 73) Carbazole | 11.63 | 167 | 1826 | 0.035 | ng | # | 87 |
| 74) Di-n-butylphthalate | 11.97 | 149 | 5802 | 0.090 | ng | # | 89 |
| 75) Fluoranthene | 12.62 | 202 | 4252 | 0.068 | ng | | 91 |
| 77) Benzidine | 13.00 | 184 | 66508 | 2.786 | ng | # | 93 |
| 78) Pyrene | 12.85 | 202 | 4509 | 0.061 | ng | # | 85 |
| 80) Butylbenzylphthalate | 13.46 | 149 | 1558 | 0.050 | ng | # | 85 |
| 81) Benzo(a)anthracene | 14.07 | 228 | 3666 | 0.059 | ng | | 95 |
| 83) Chrysene | 14.07 | 228 | 3666 | 0.061 | ng | # | 89 |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149 | 11904 | 0.305 | ng | | 96 |
| 85) Di-n-octyl phthalate | 14.64 | 149 | 5340 | 0.089 | ng | # | 48 |
| 86) Indeno(1,2,3-cd)pyrene | 16.97 | 276 | 5690 | 0.097 | ng | # | 85 |
| 88) Benzo(b)fluoranthene | 15.08 | 252 | 5553 | 0.084 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.08 | 252 | 5553 | 0.093 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.44 | 252 | 4079 | 0.071 | ng | | 94 |
| 91) Dibenzo(a,h)anthracene | 17.00 | 278 | 4617 | 0.086 | ng | # | 88 |
| 92) Benzo(g,h,i)perylene | 17.42 | 276 | 4910 | 0.095 | ng | | 94 |

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

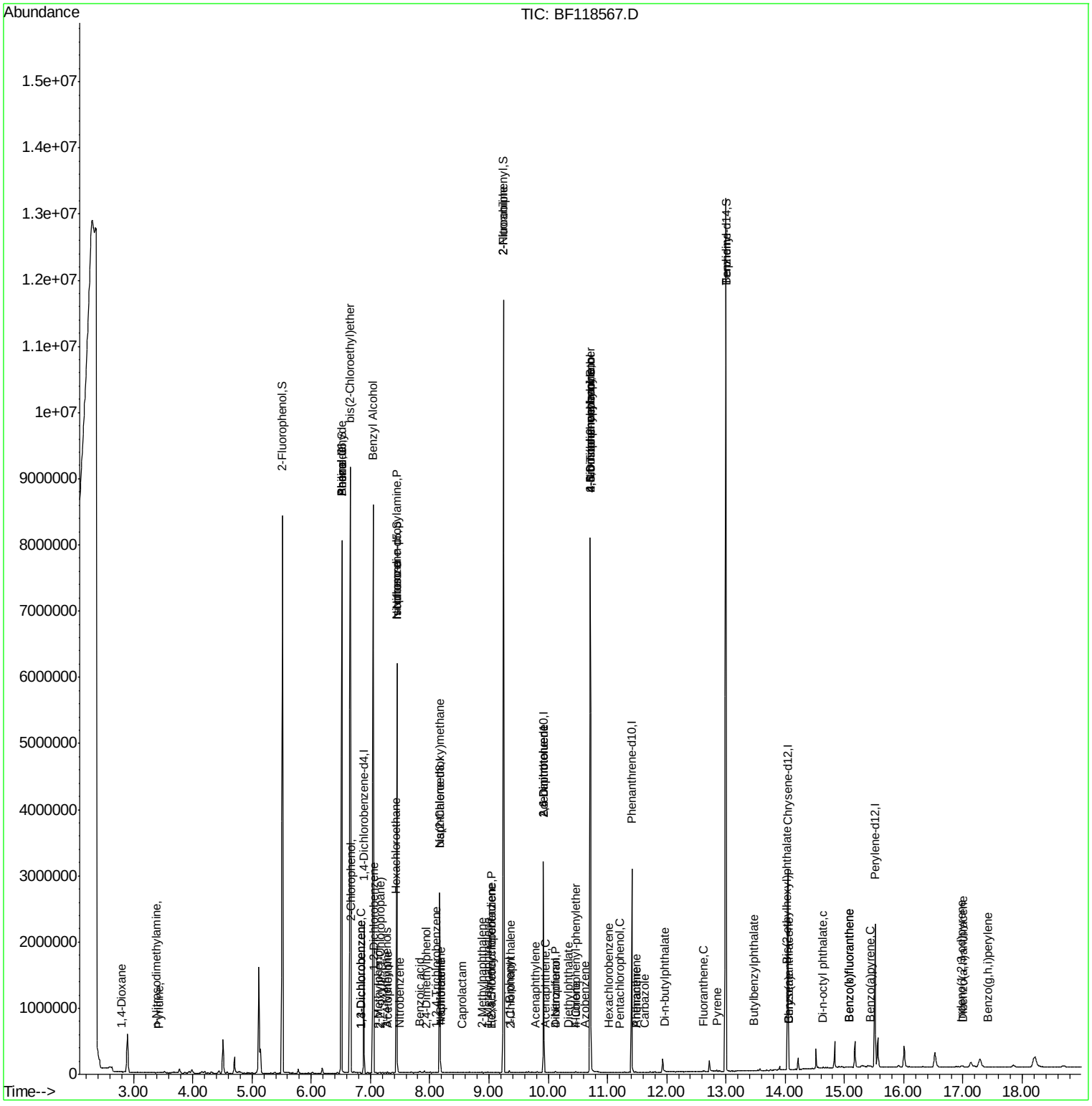
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

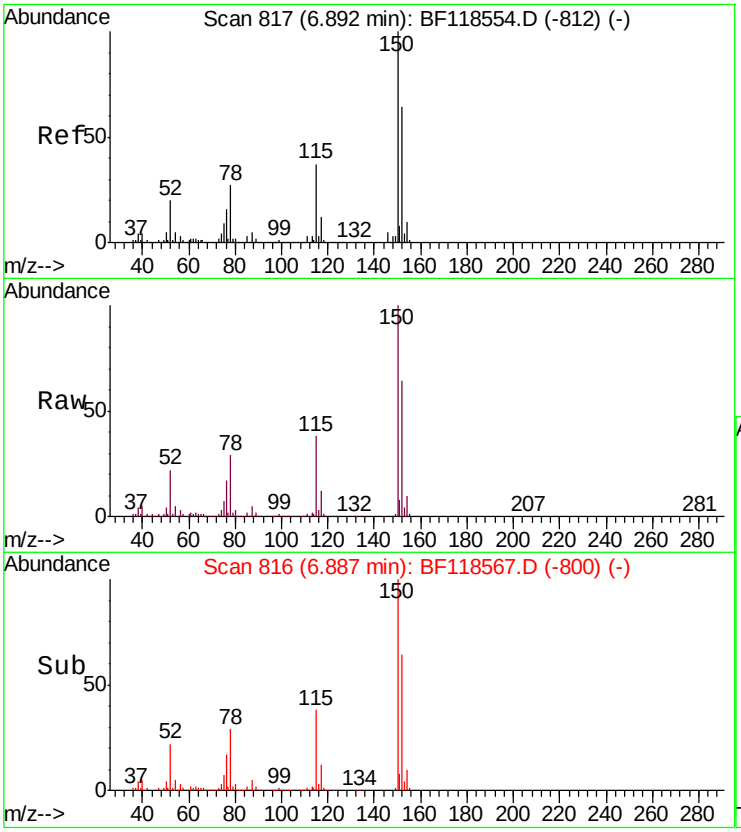
Quantitation Report (Not Reviewed)

Data File : BF118567.D
Acq On : 17 Jan 2020 19:31
Operator : JU
Sample : L1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Quant Time: Jan 18 01:04:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration



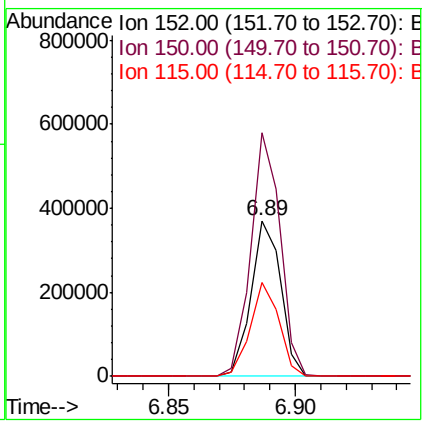


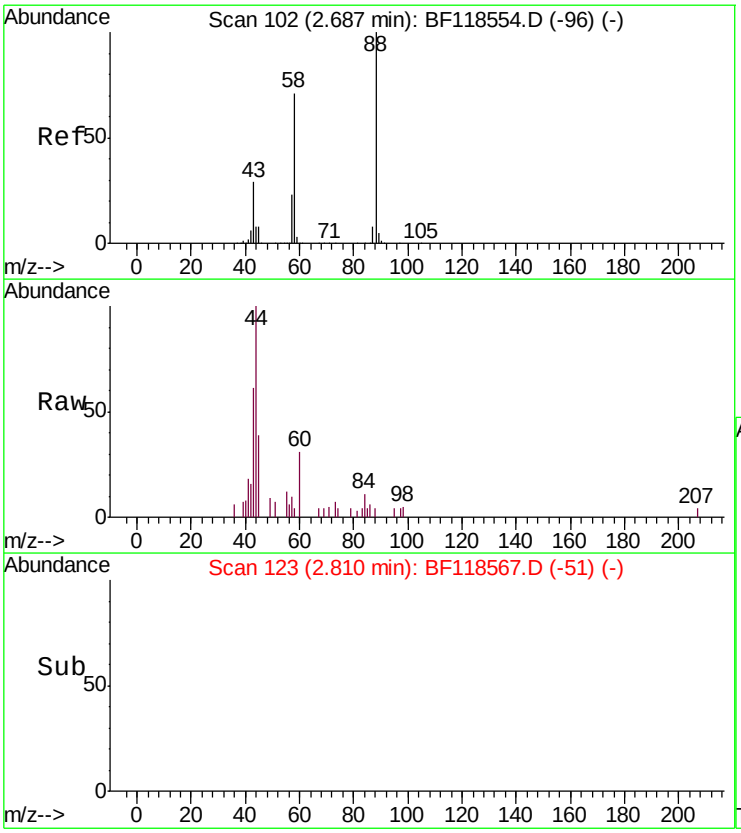

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:152 Resp: 305047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.4 | 124.9 | 187.3 |
| 115 | 60.1 | 45.8 | 68.6 |

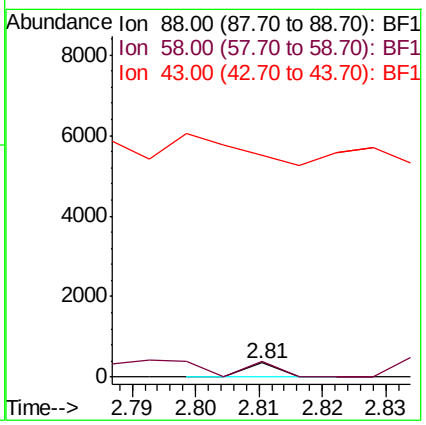


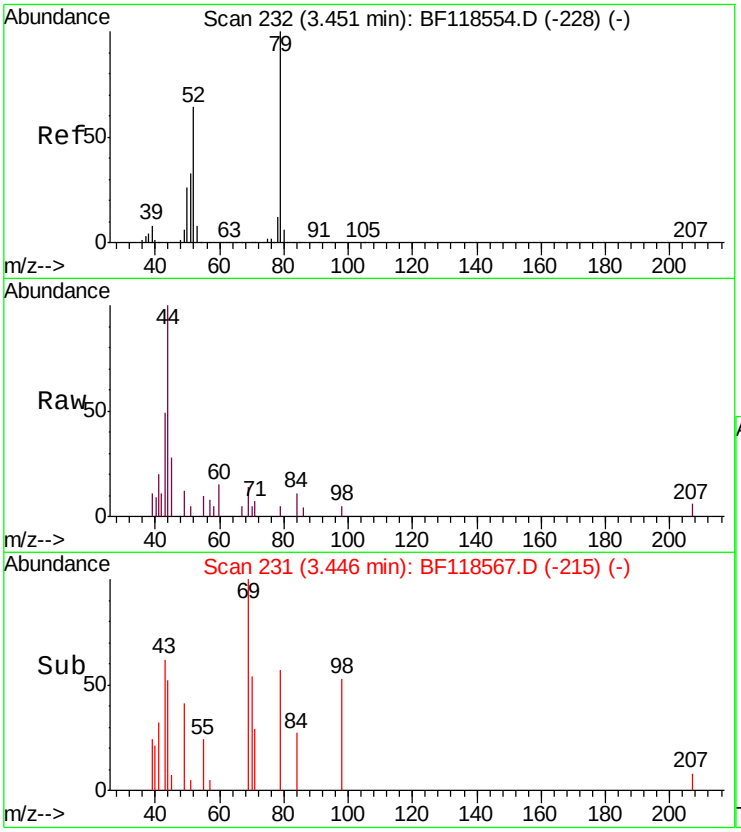




#2
1,4-Dioxane
Concen: 0.016 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.12 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 88 Resp: 126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 56.7 | 85.1# |
| 43 | 0.0 | 23.3 | 34.9# |



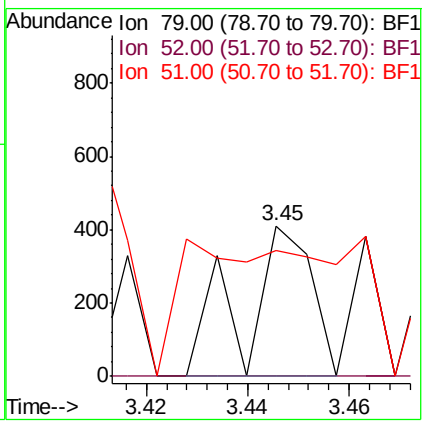


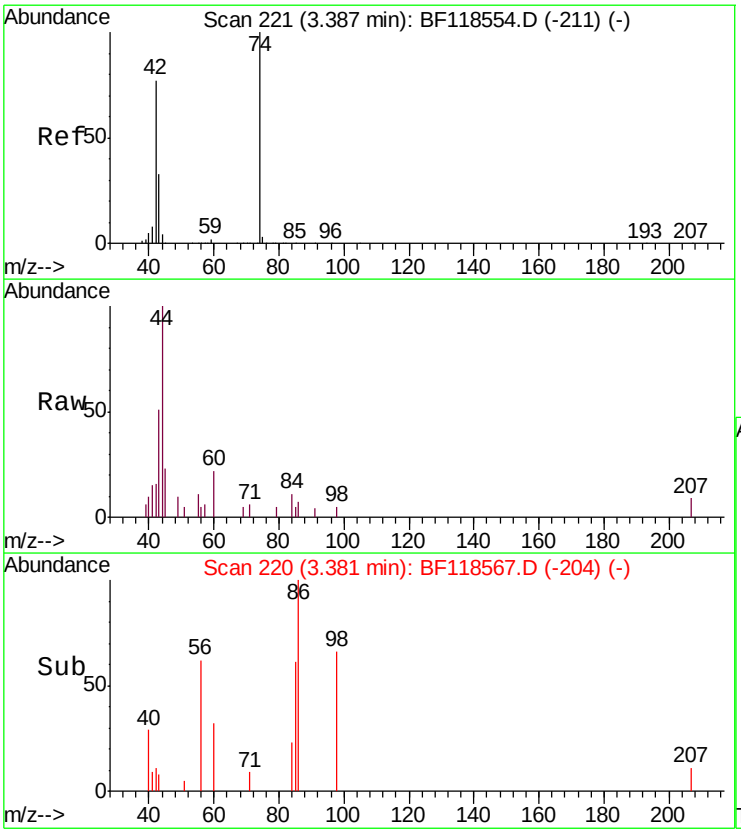

#3
Pyridine
Concen: 0.017 ng
RT: 3.45 min Scan# 231
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 79 Resp: 378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 0.0 | 51.3 | 76.9# |
| 51 | 84.1 | 26.7 | 40.1# |

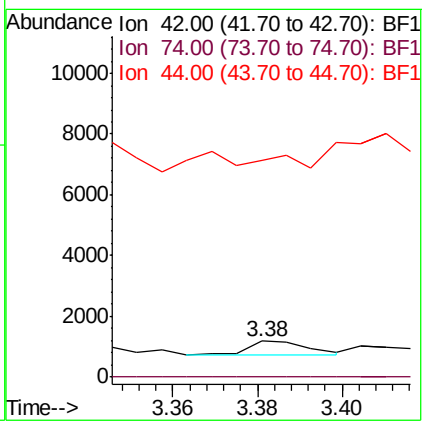


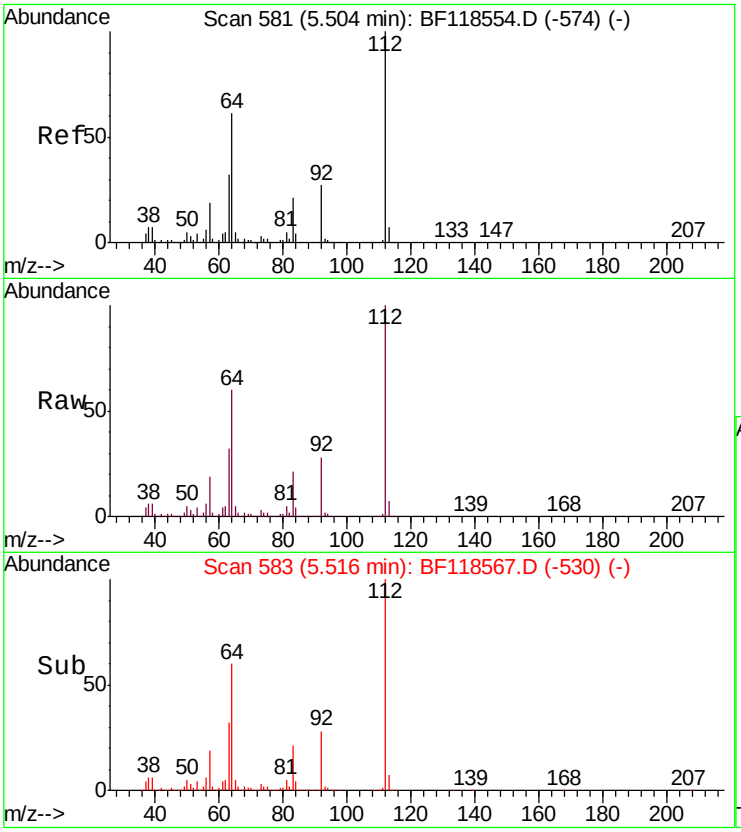




#4
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.38 min Scan# 220
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 42 Resp: 471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 103.1 | 154.7# |
| 44 | 608.1 | 5.4 | 8.2# |



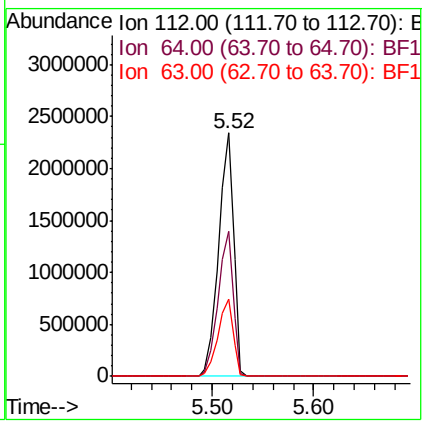


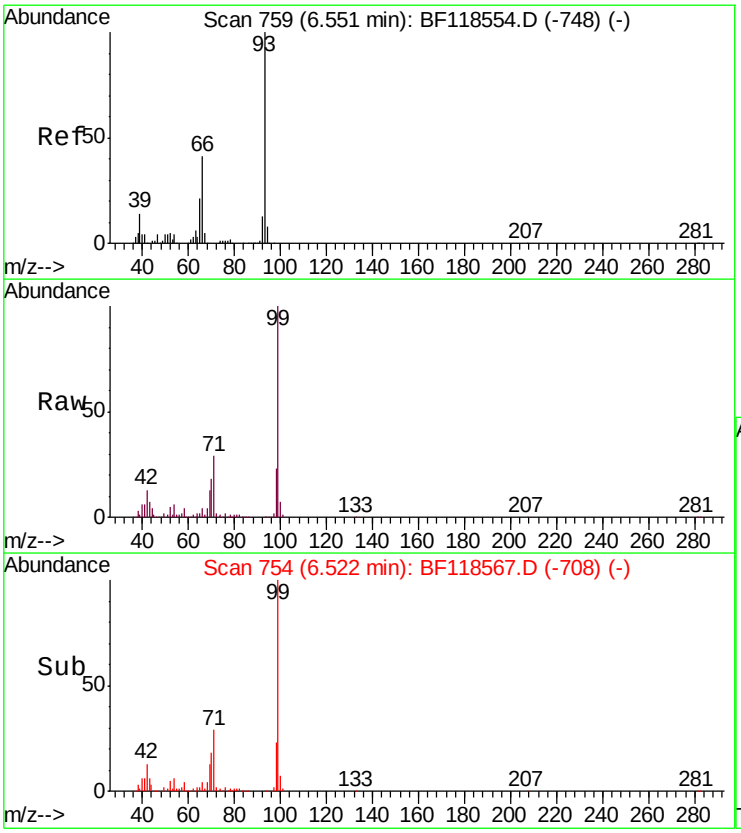

#5
2-Fluorophenol
Concen: 145.773 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:112 Resp: 2406611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.6 | 49.1 | 73.7 |
| 63 | 32.0 | 25.8 | 38.8 |

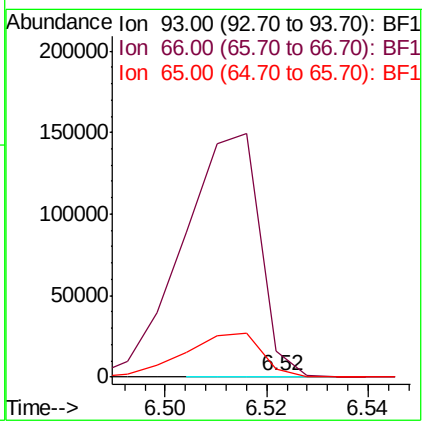


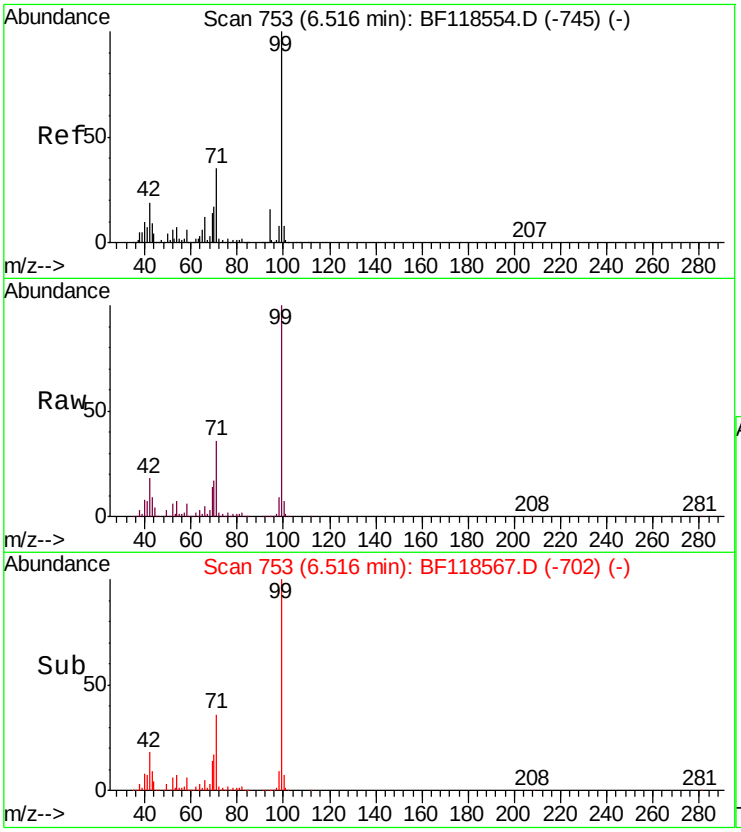




#6
Aniline
Concen: 0.008 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 93 Resp: 230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 4525.5 | 32.9 | 49.3# |
| 65 | 1515.7 | 16.5 | 24.7# |



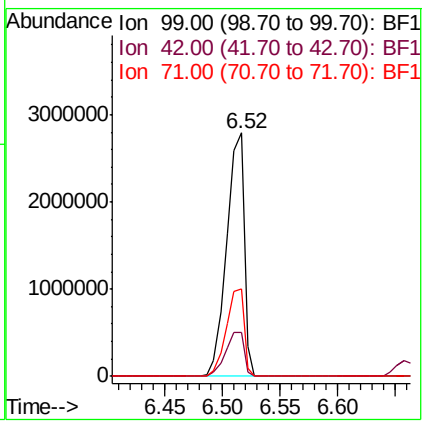


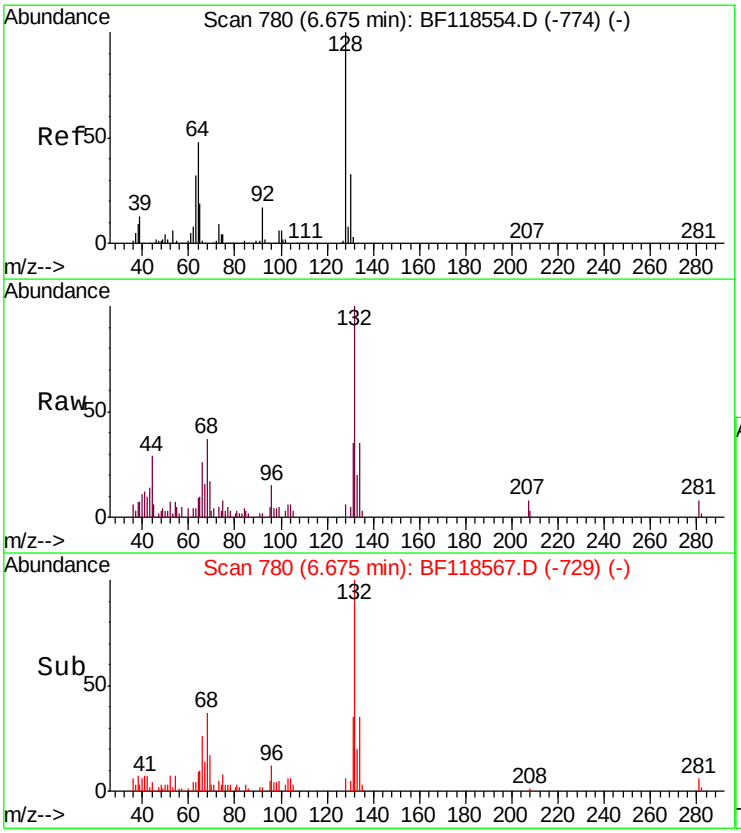

#7
Phenol-d6
Concen: 136.357 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 99 Resp: 2949706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 14.9 | 22.3 |
| 71 | 36.0 | 28.3 | 42.5 |

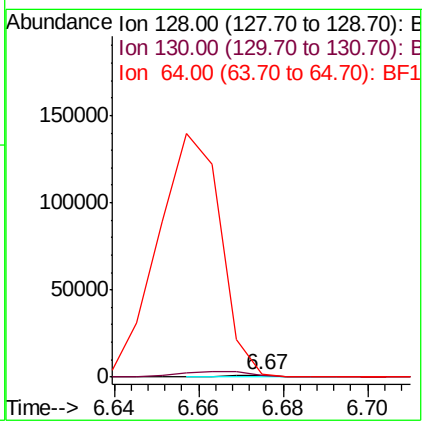


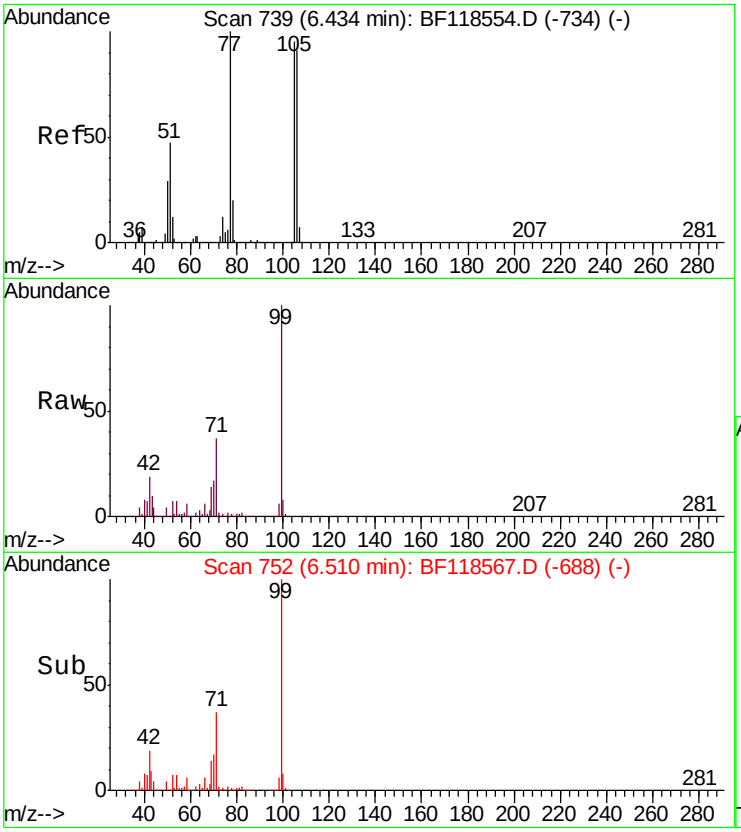




#8
2-Chlorophenol
Concen: 0.041 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:128 Resp: 776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 79.6 | 13.2 | 53.2# |
| 64 | 153.1 | 28.9 | 68.9# |



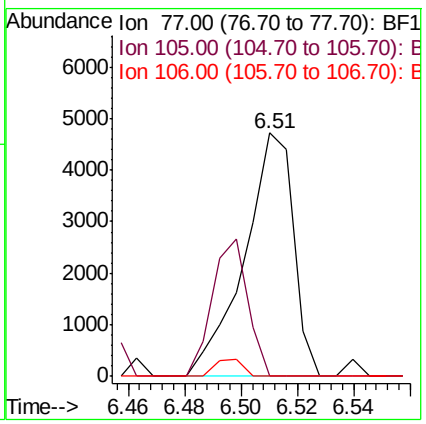


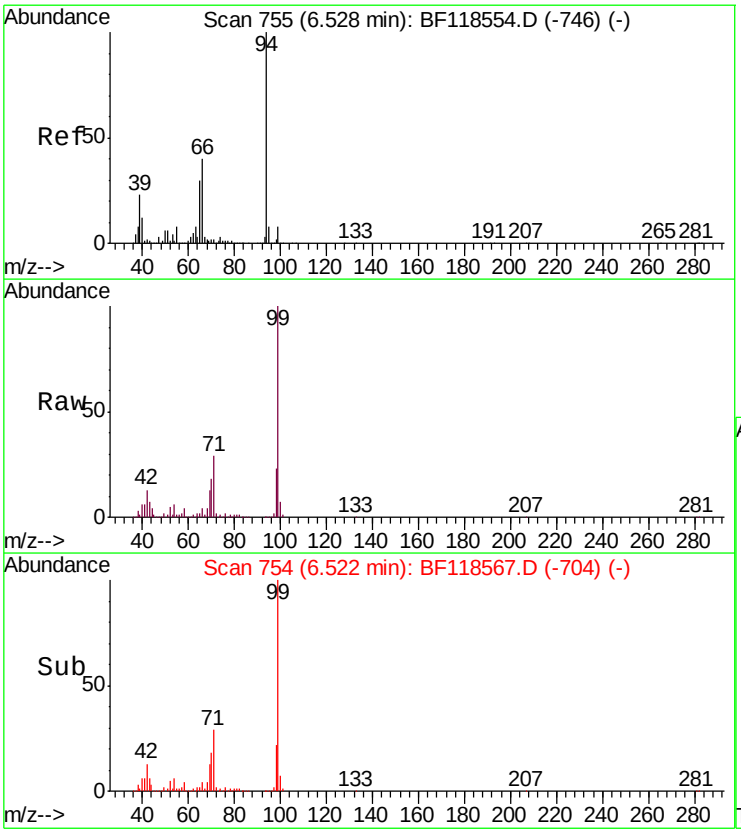

#9
Benzaldehyde
Concen: 0.513 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.08 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 77 Resp: 5683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 75.2 | 115.2# |
| 106 | 0.0 | 71.4 | 111.4# |

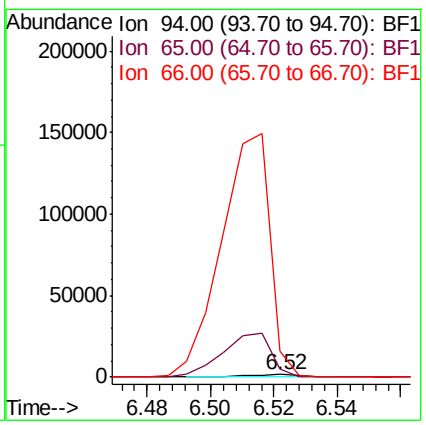


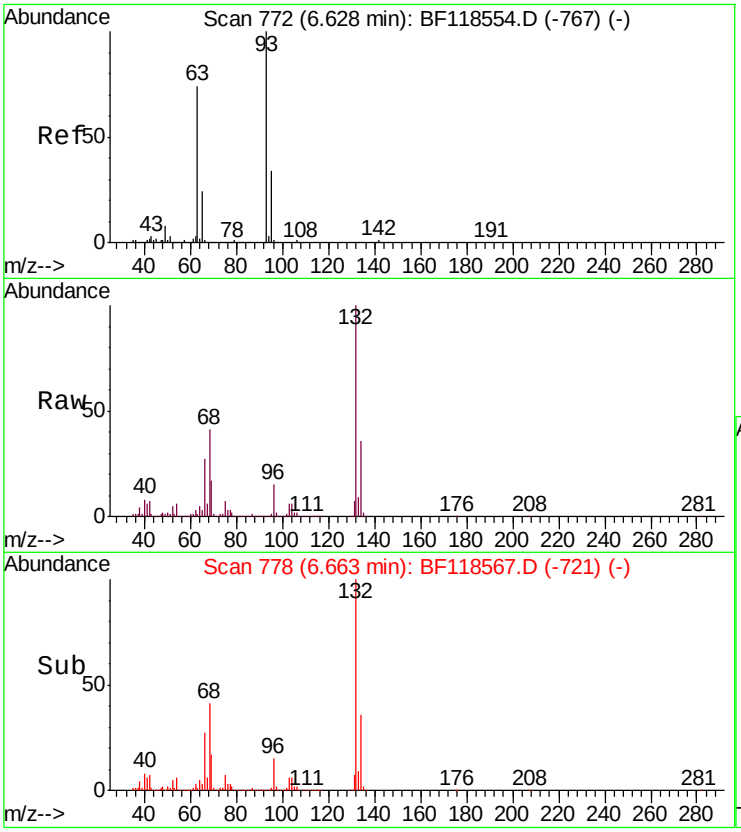




#10
Phenol
Concen: 0.069 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 94 Resp: 1647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 305.6 | 9.8 | 49.8# |
| 66 | 912.5 | 19.5 | 59.5# |



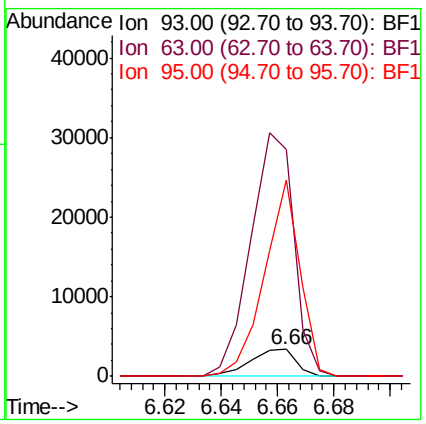


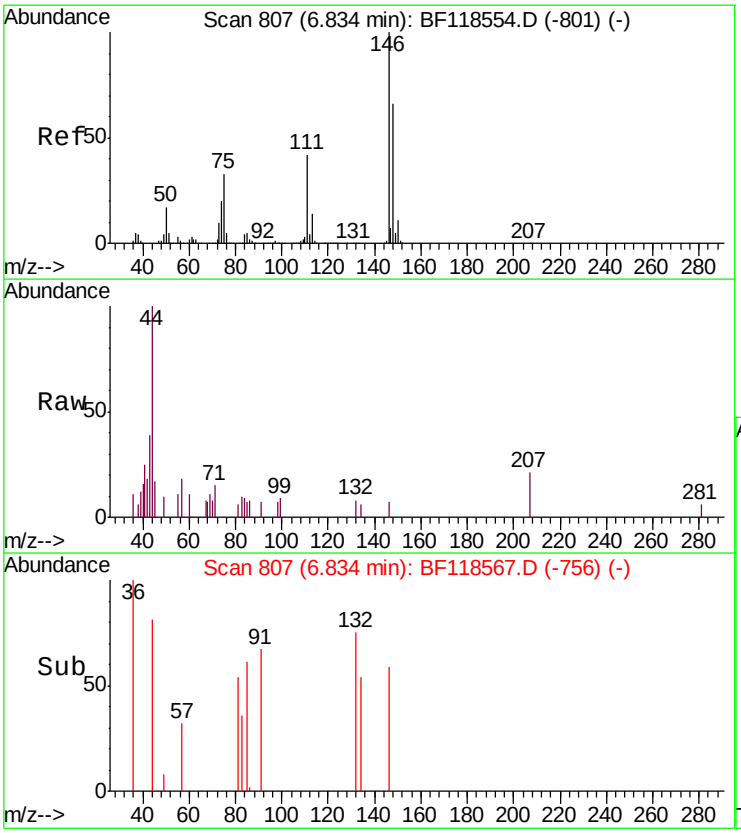

#11
bis(2-Chloroethyl)ether
Concen: 0.200 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.04 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 93 Resp: 3810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 845.3 | 54.0 | 94.0# |
| 95 | 731.2 | 13.5 | 53.5# |

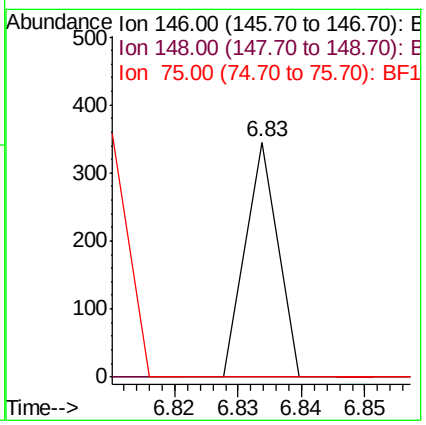


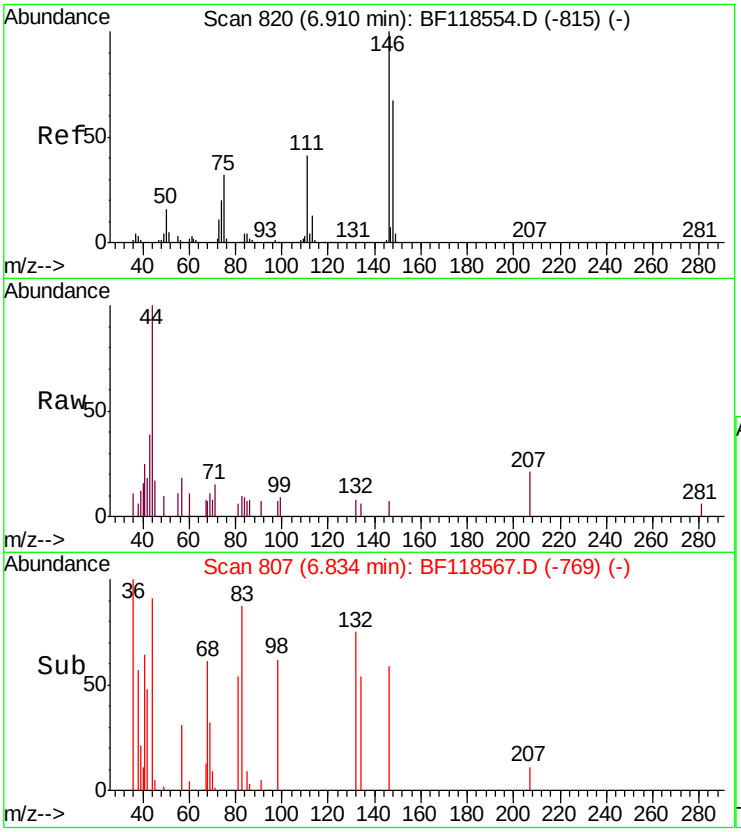




#12
1,3-Dichlorobenzene
Concen: 0.005 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:146 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 53.0 | 79.6# |
| 75 | 0.0 | 26.5 | 39.7# |



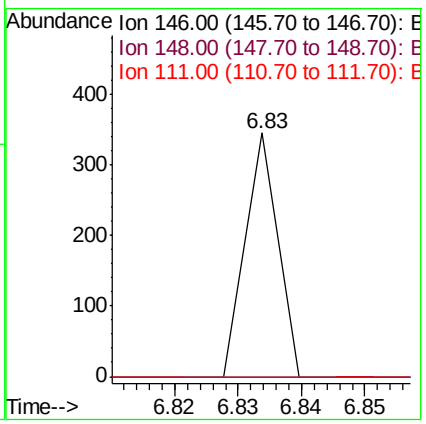


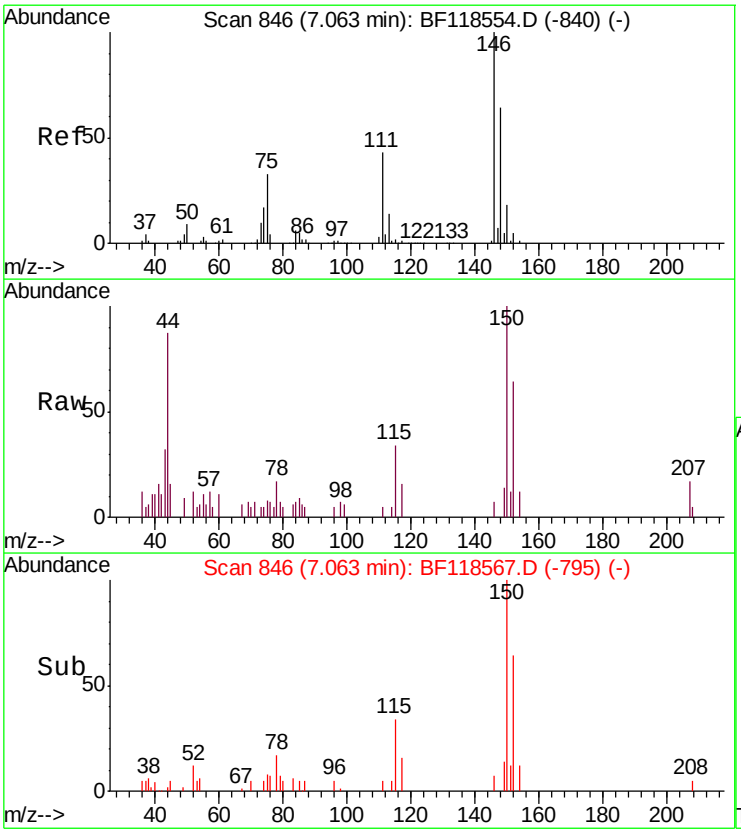

#13
1,4-Dichlorobenzene
Concen: 0.005 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.08 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:146 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 53.4 | 80.2# |
| 111 | 0.0 | 32.6 | 48.8# |

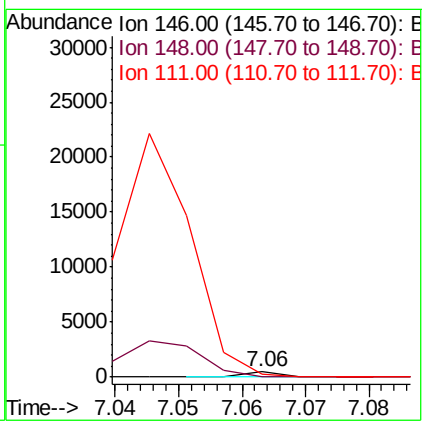


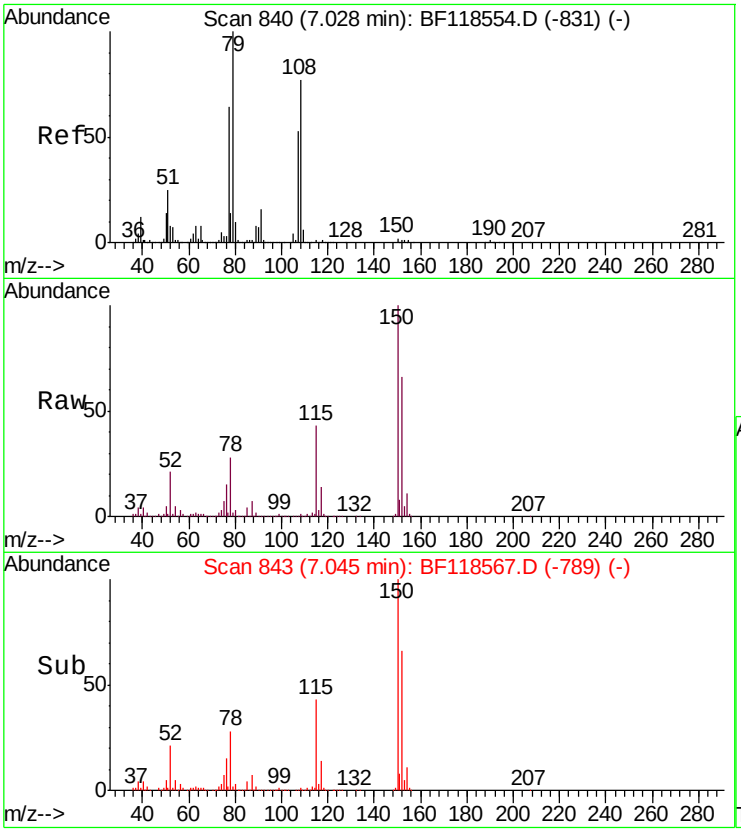




#14
1,2-Dichlorobenzene
Concen: 0.008 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:146 Resp: 169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 51.2 | 76.8# |
| 111 | 63.4 | 34.6 | 52.0# |



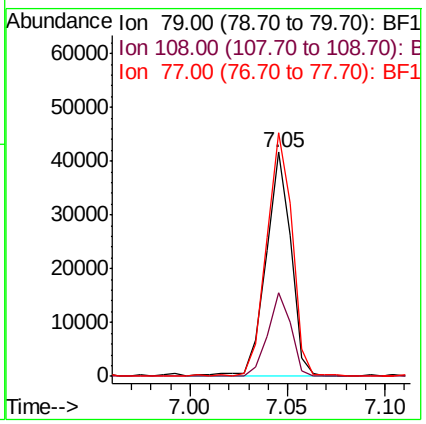


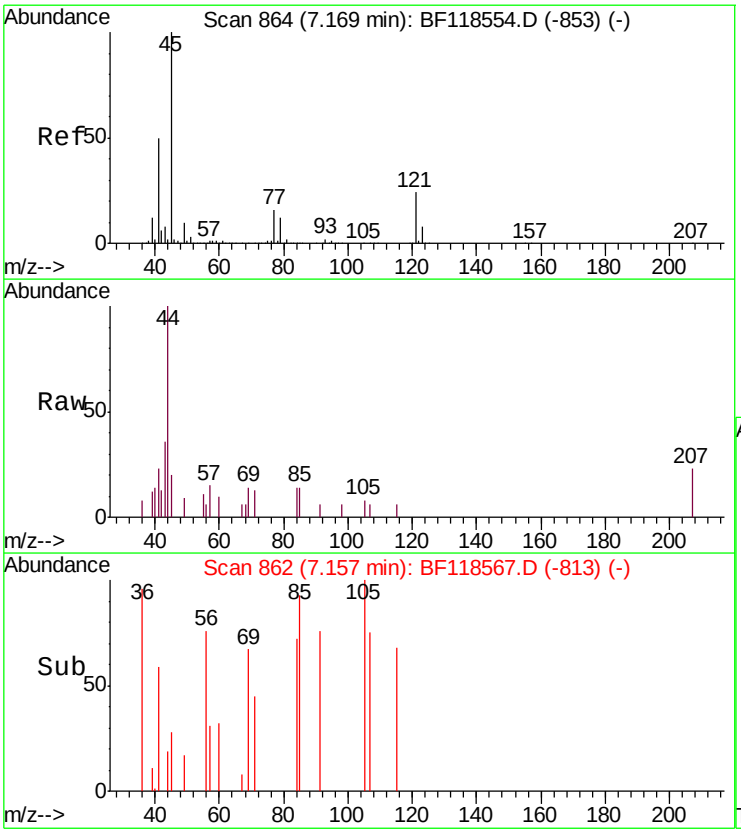

#15
Benzyl Alcohol
Concen: 2.069 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 79 Resp: 36726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 37.6 | 61.9 | 92.9# |
| 77 | 108.7 | 51.5 | 77.3# |

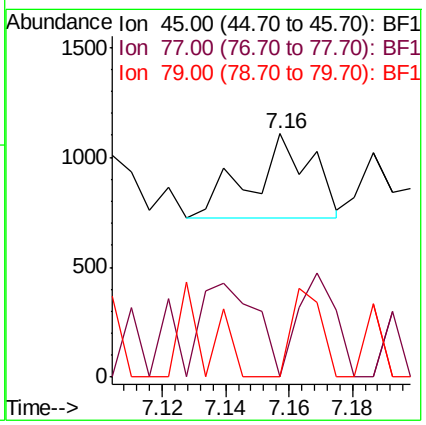


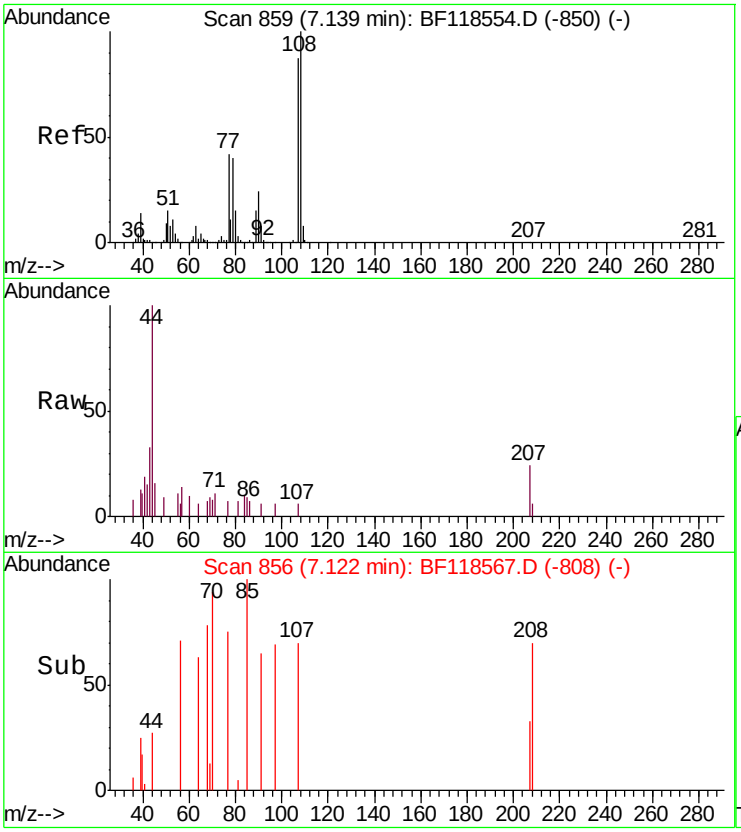




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.018 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 45 Resp: 496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.0 | 0.0 | 35.8 |
| 79 | 0.0 | 0.0 | 32.2 |



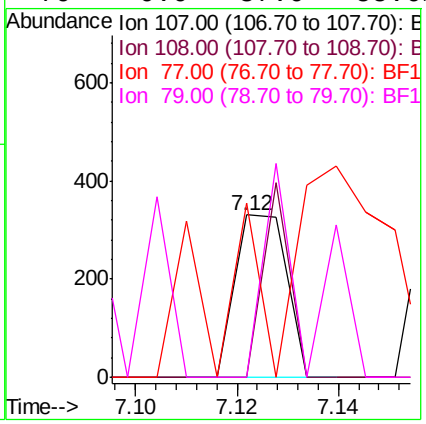


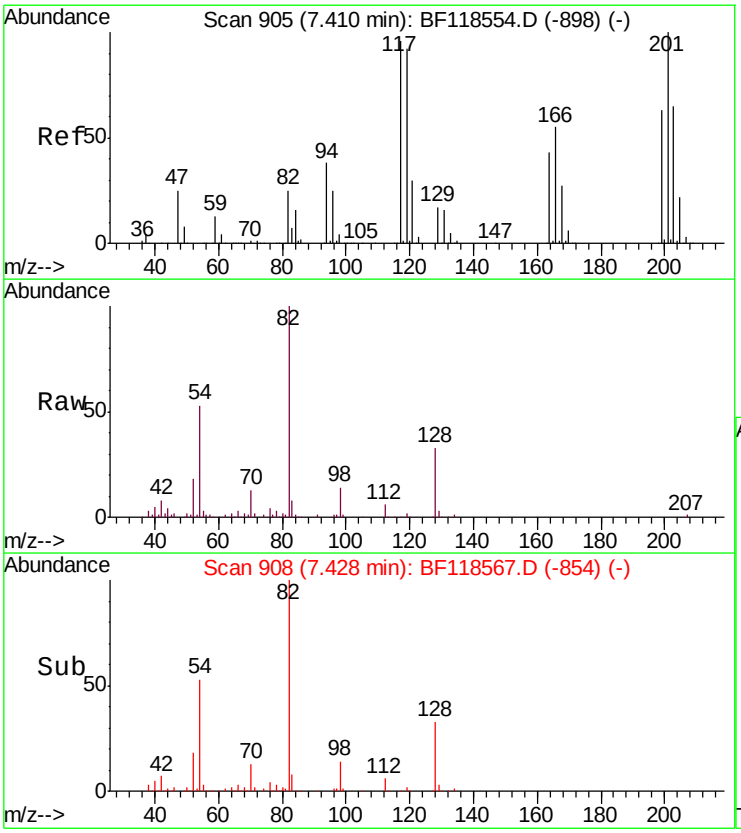

#17
2-Methylphenol
Concen: 0.015 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:107 Resp: 232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 0.0 | 92.3 | 138.5# |
| 77 | 107.3 | 38.6 | 57.8# |
| 79 | 0.0 | 37.0 | 55.6# |

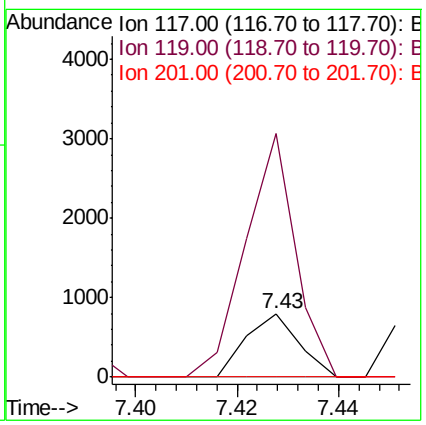


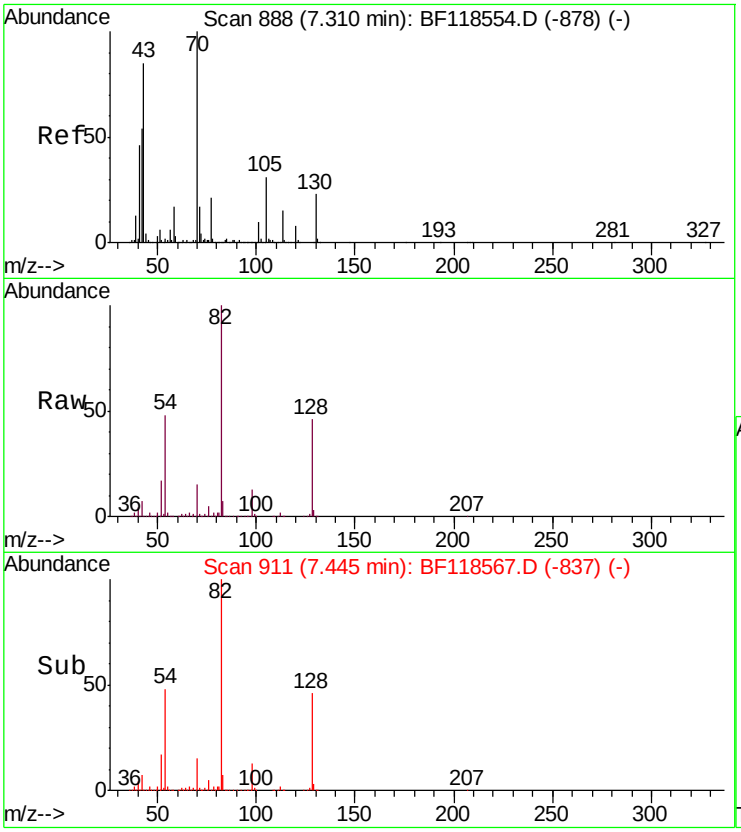




#18
Hexachloroethane
Concen: 0.070 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:117 Resp: 576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 384.0 | 76.9 | 115.3# |
| 201 | 0.0 | 83.6 | 125.4# |



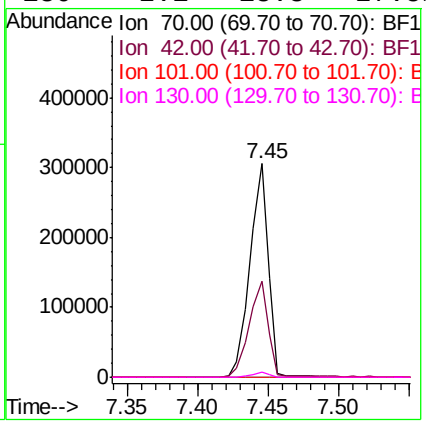


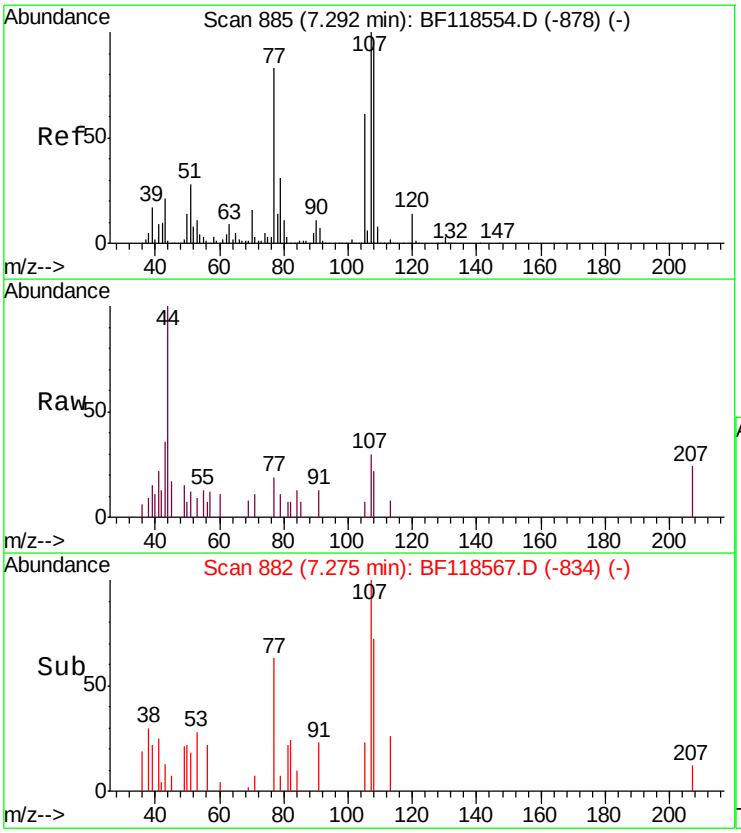

#19
n-Nitroso-di-n-propylamine
Concen: 18.108 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 70 Resp: 280906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.2 | 43.6 | 65.4 |
| 101 | 0.0 | 7.7 | 11.5# |
| 130 | 2.1 | 18.3 | 27.5# |

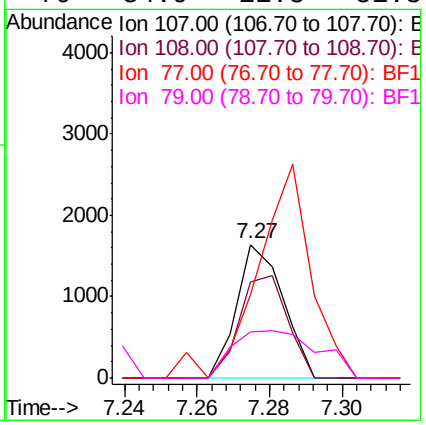


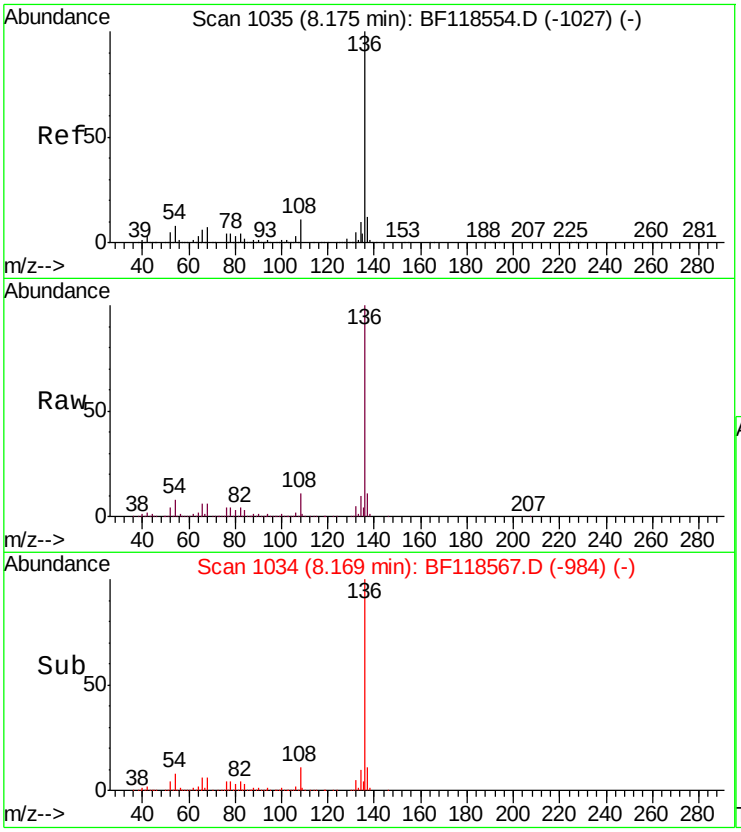




#20
3+4-Methylphenols
Concen: 0.077 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:107 Resp: 1474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 72.0 | 72.6 | 112.6# |
| 77 | 62.6 | 63.0 | 103.0# |
| 79 | 34.9 | 11.3 | 51.3 |



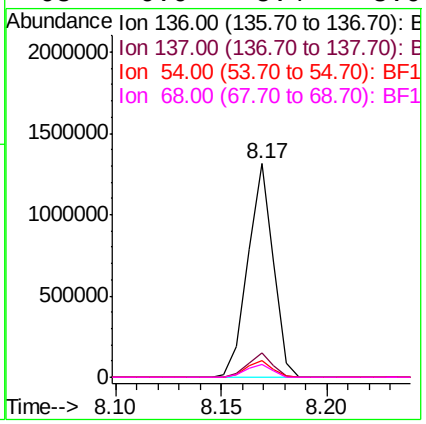


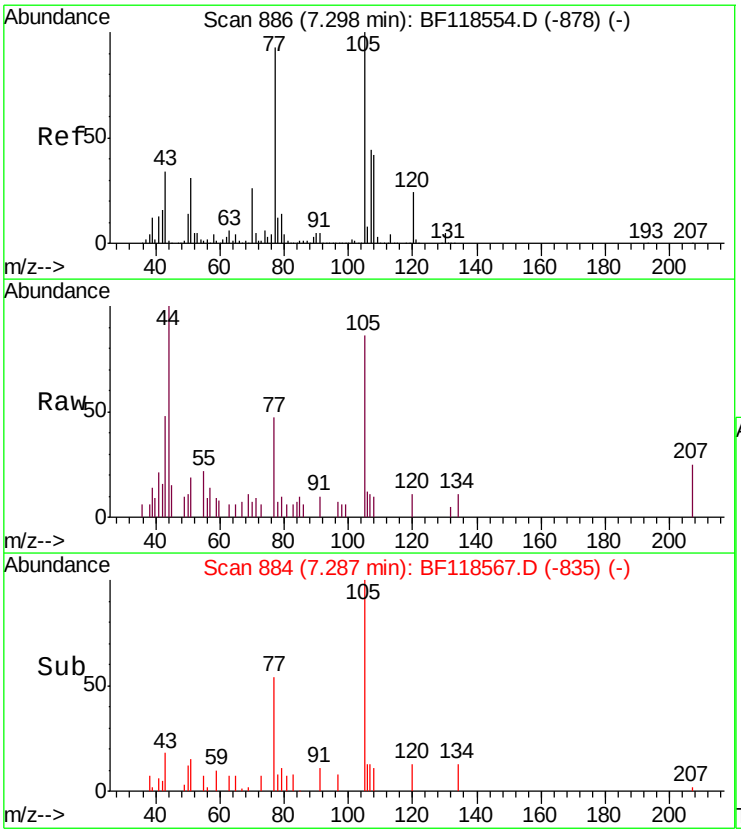

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:136 Resp: 1096439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.4 | 14.0 |
| 54 | 7.5 | 6.2 | 9.2 |
| 68 | 6.0 | 5.4 | 8.0 |

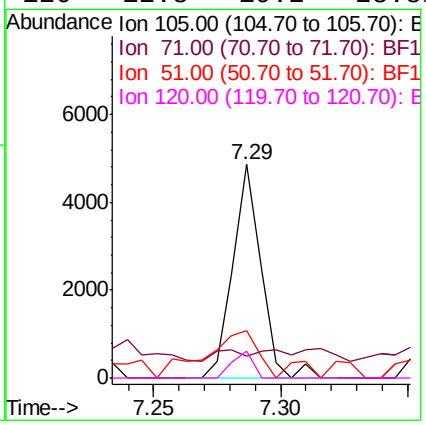


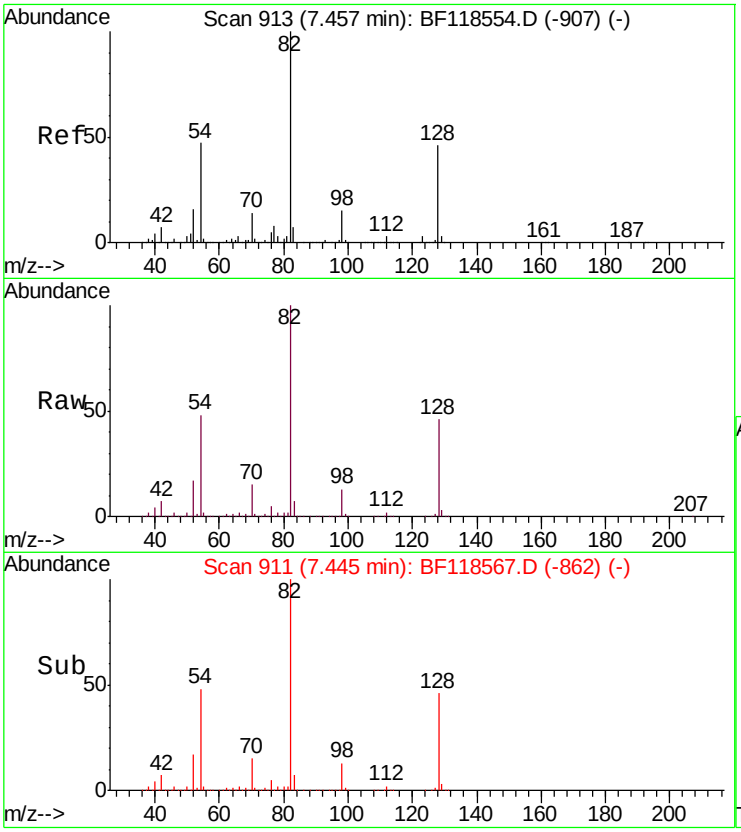




#22
Acetophenone
Concen: 0.142 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:105 Resp: 3773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 10.4 | 3.8 | 5.6# |
| 51 | 22.3 | 24.9 | 37.3# |
| 120 | 12.8 | 19.2 | 28.8# |



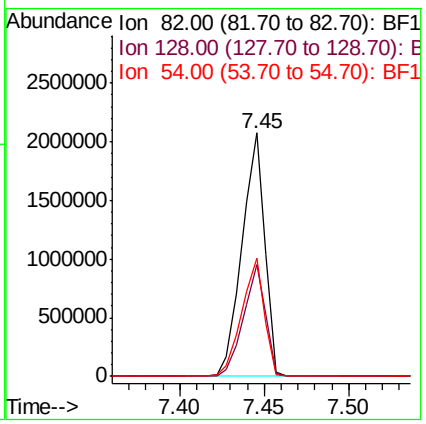


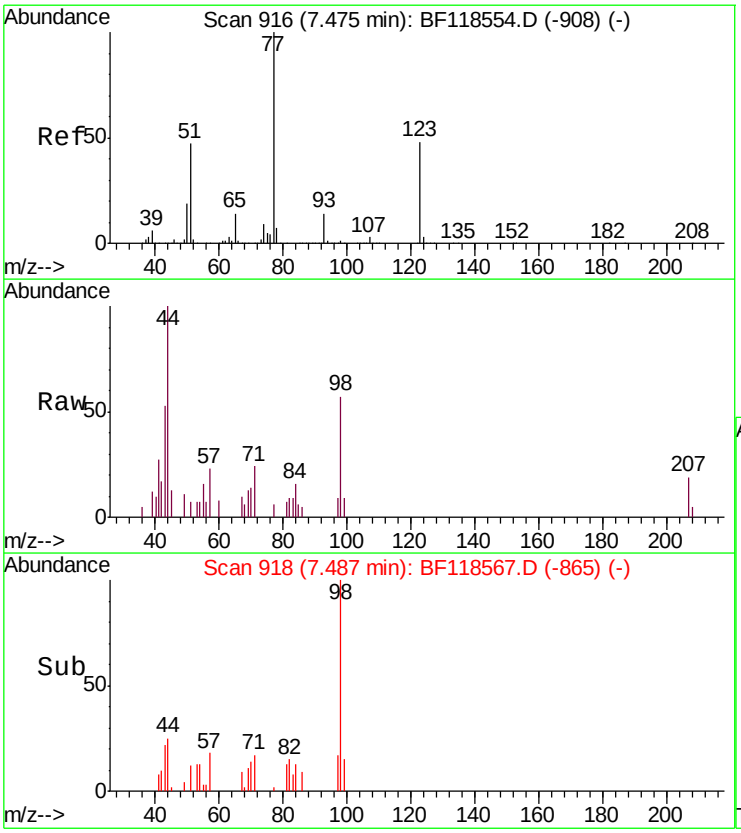

#23
Nitrobenzene-d5
Concen: 110.208 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 82 Resp: 1956493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 37.0 | 55.4 |
| 54 | 48.4 | 37.4 | 56.0 |

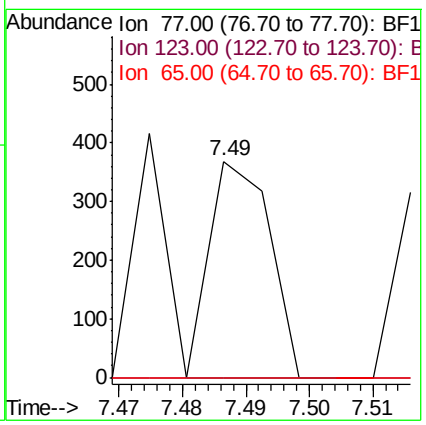


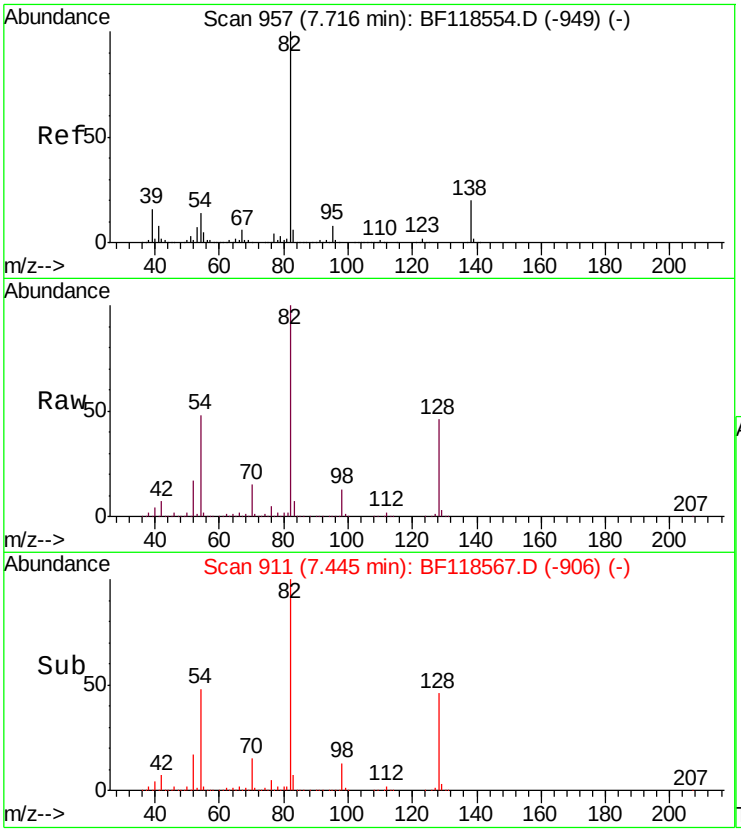




#24
Nitrobenzene
Concen: 0.013 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 77 Resp: 242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 38.2 | 57.2# |
| 65 | 0.0 | 11.1 | 16.7# |



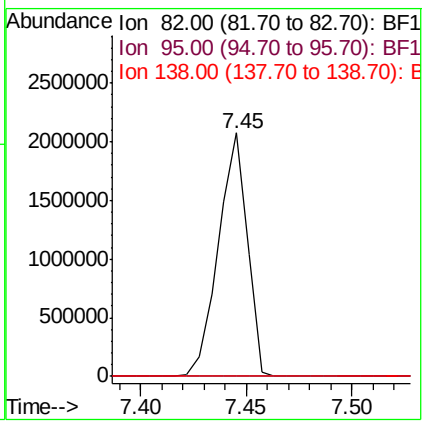


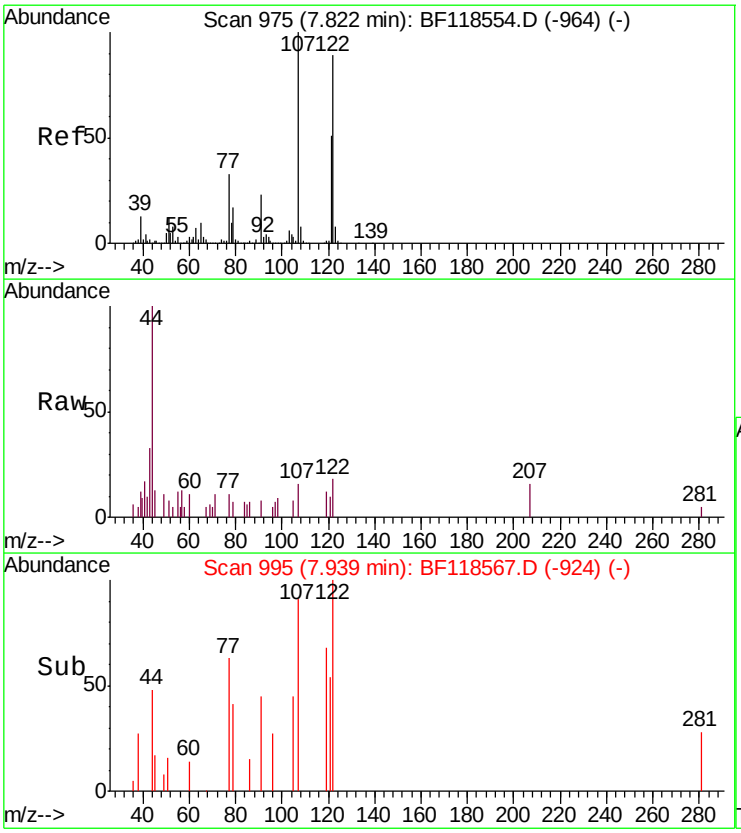

#25
Isophorone
Concen: 50.572 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 82 Resp: 1948514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.0 | 9.0# |
| 138 | 0.0 | 15.8 | 23.8# |

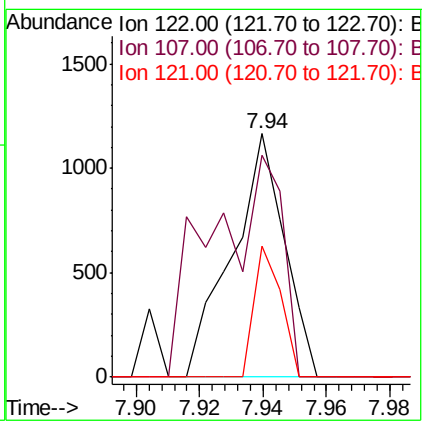


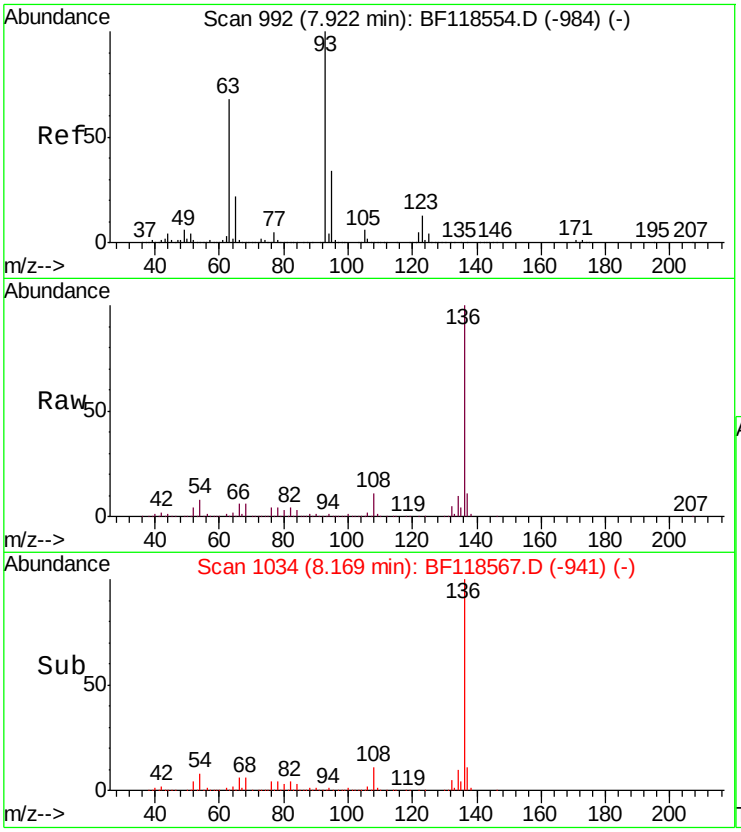




#27
2,4-Dimethylphenol
Concen: 0.087 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.12 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:122 Resp: 1336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 90.9 | 89.6 | 134.4 |
| 121 | 54.0 | 45.9 | 68.9 |



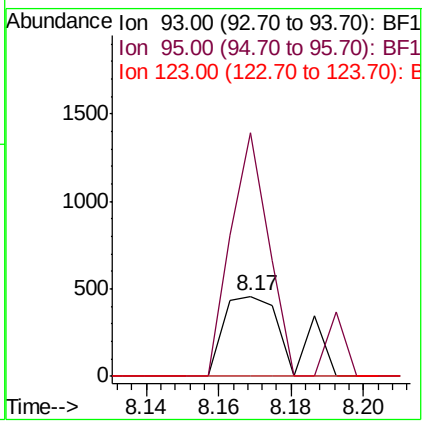


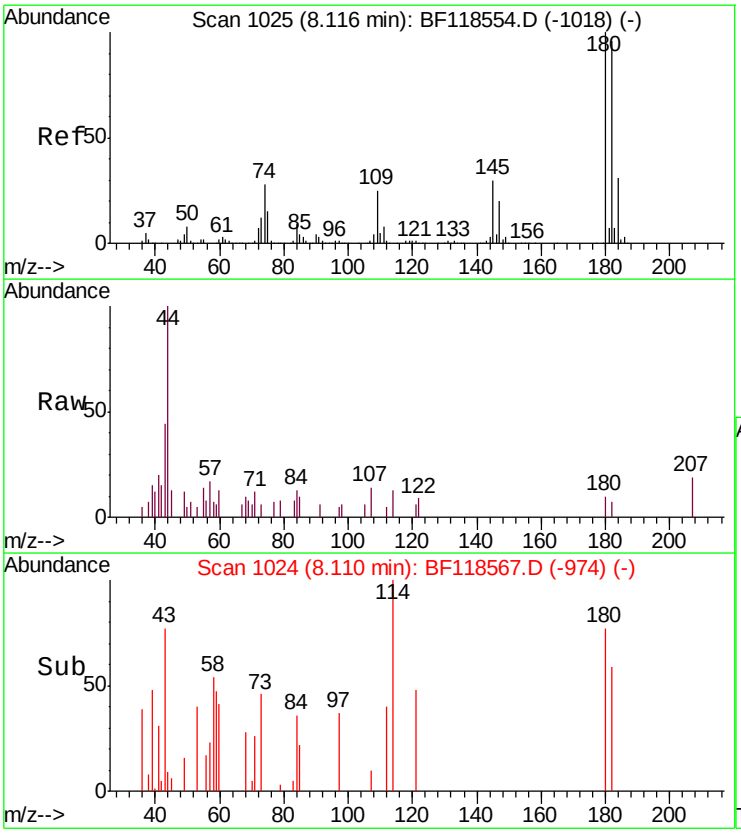

#28
bis(2-Chloroethoxy)methane
Concen: 0.023 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.25 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion: 93 Resp: 579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 305.3 | 27.3 | 40.9# |
| 123 | 0.0 | 10.2 | 15.4# |

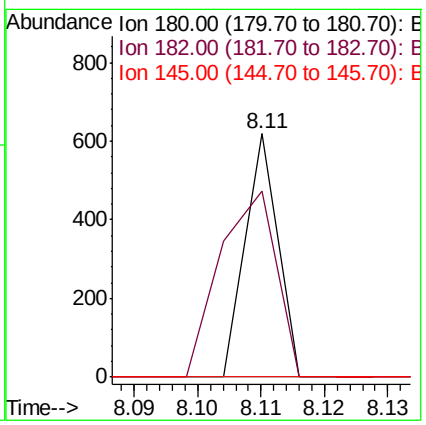


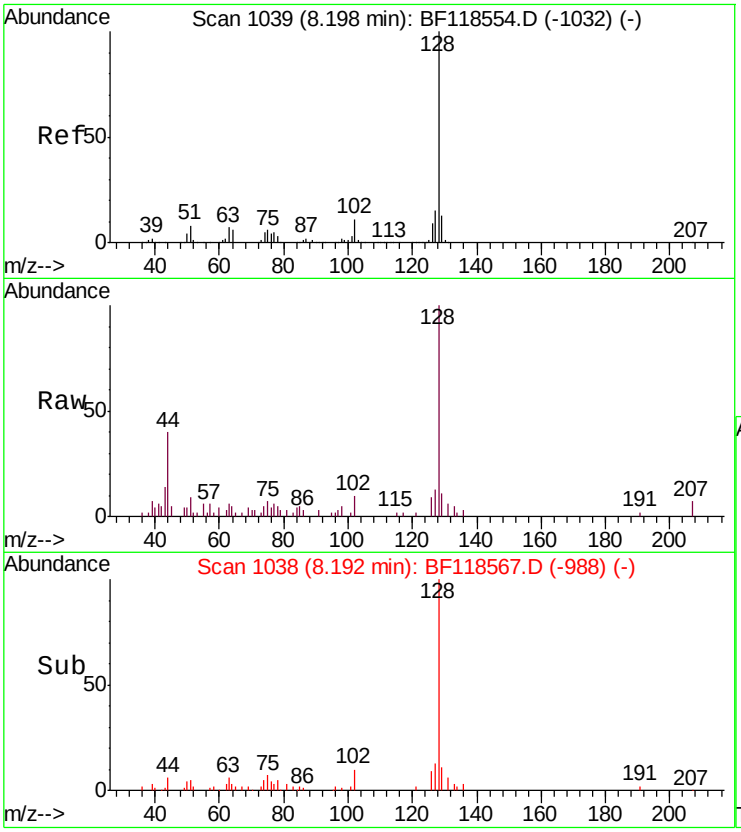




#30
1,2,4-Trichlorobenzene
Concen: 0.011 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:180 Resp: 219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 76.4 | 76.8 | 115.2# |
| 145 | 0.0 | 24.2 | 36.2# |



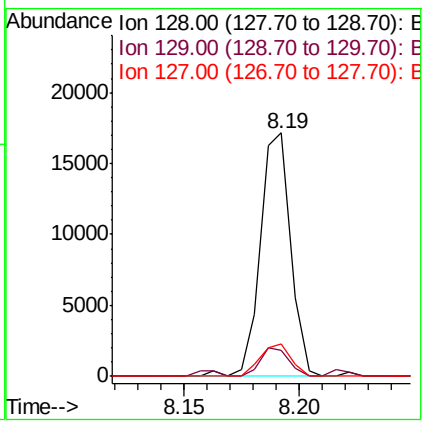


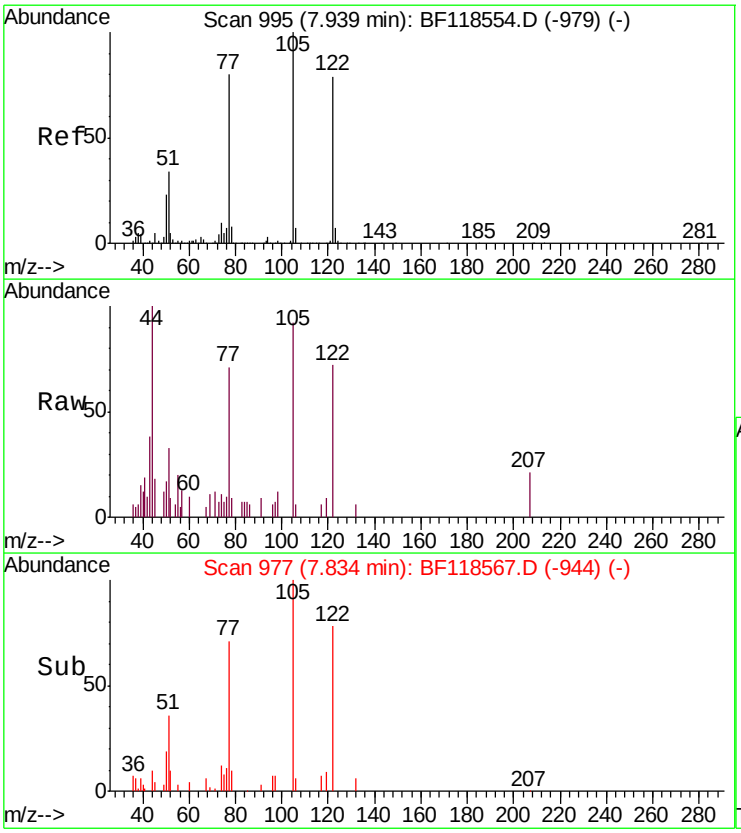

#31
Naphthalene
Concen: 0.305 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:128 Resp: 15749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 10.3 | 15.5 |
| 127 | 13.3 | 12.1 | 18.1 |

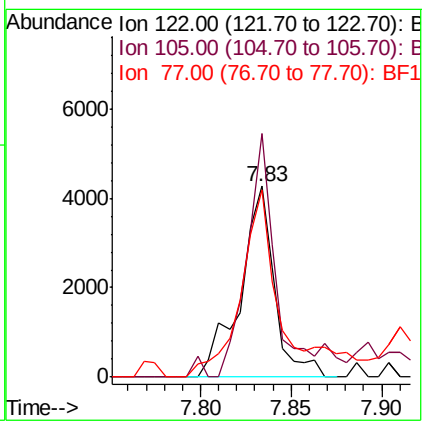


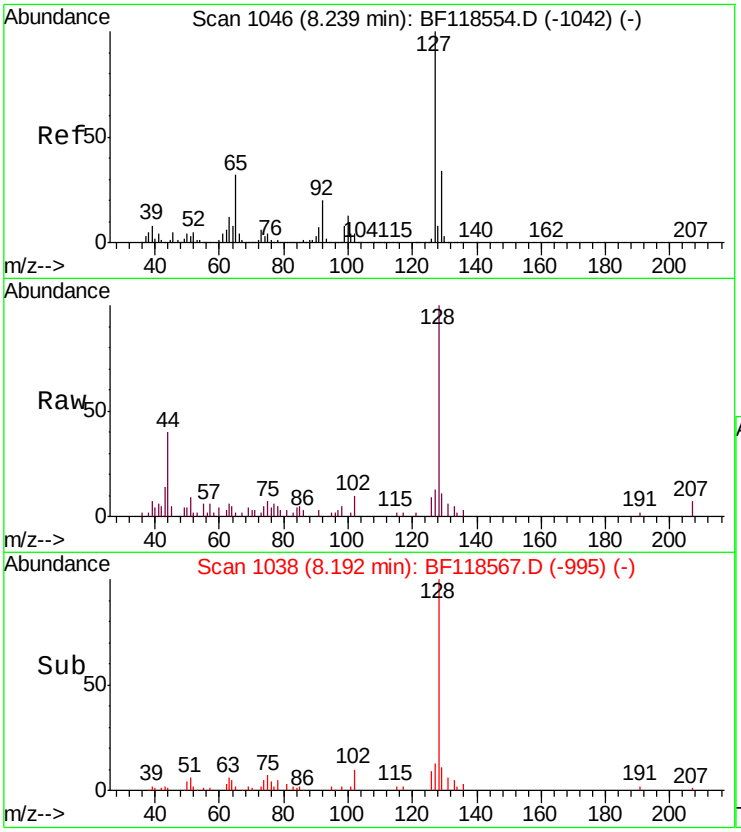




#32
Benzoic acid
Concen: 8.300 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.11 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:122 Resp: 5603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.8 | 105.0 | 145.0 |
| 77 | 98.5 | 80.7 | 120.7 |



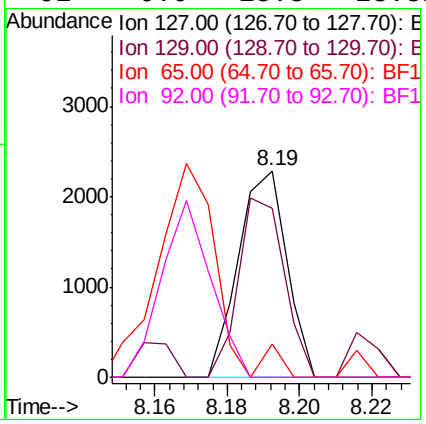


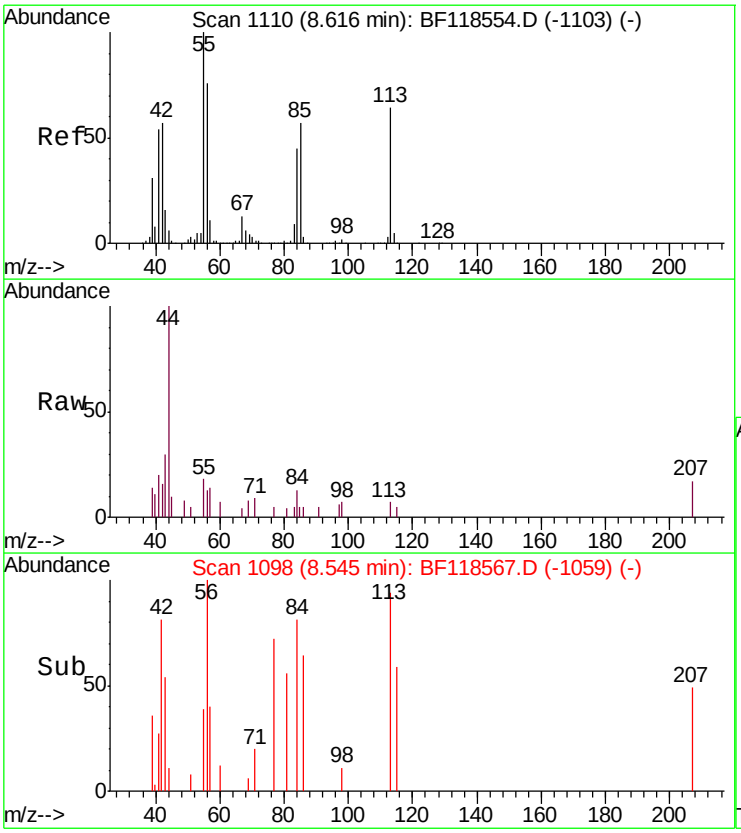

#33
4-Chloroaniline
Concen: 0.088 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:127 Resp: 2118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 82.0 | 27.0 | 40.4# |
| 65 | 16.0 | 25.8 | 38.8# |
| 92 | 0.0 | 15.8 | 23.8# |

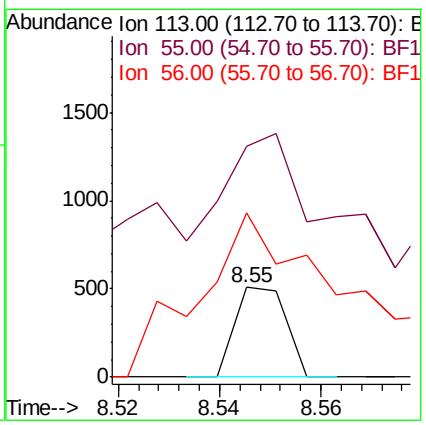


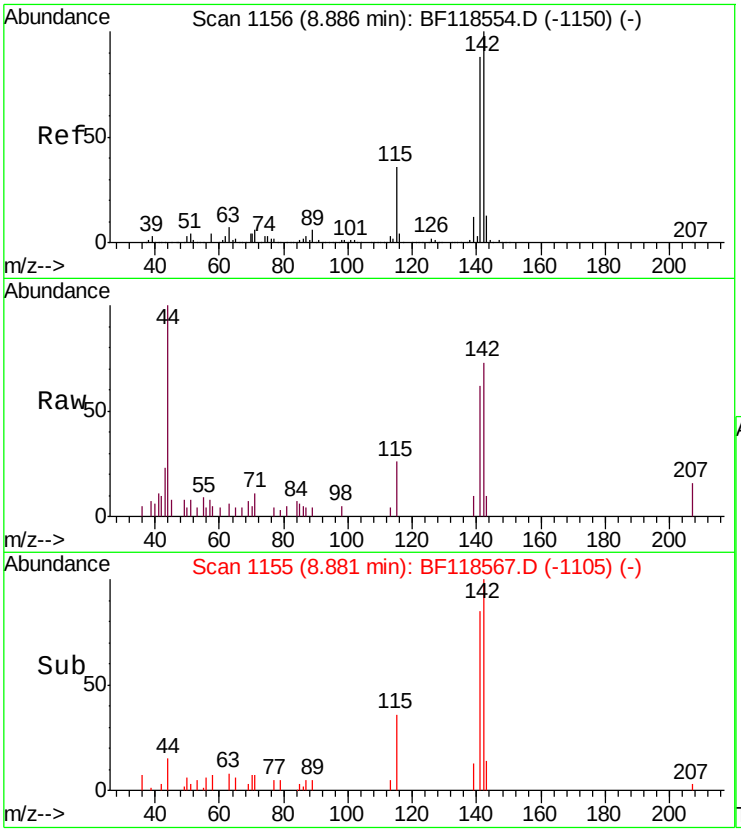




#35
Caprolactam
Concen: 0.067 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.07 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:113 Resp: 351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 257.1 | 137.3 | 177.3# |
| 56 | 183.3 | 99.7 | 139.7# |



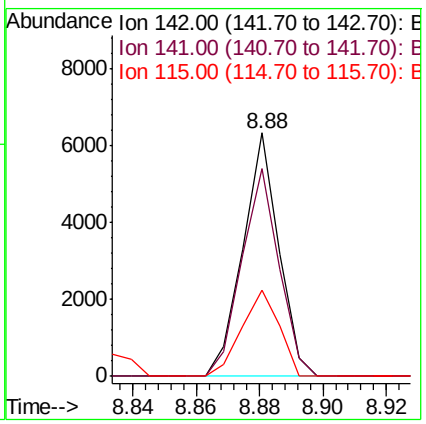


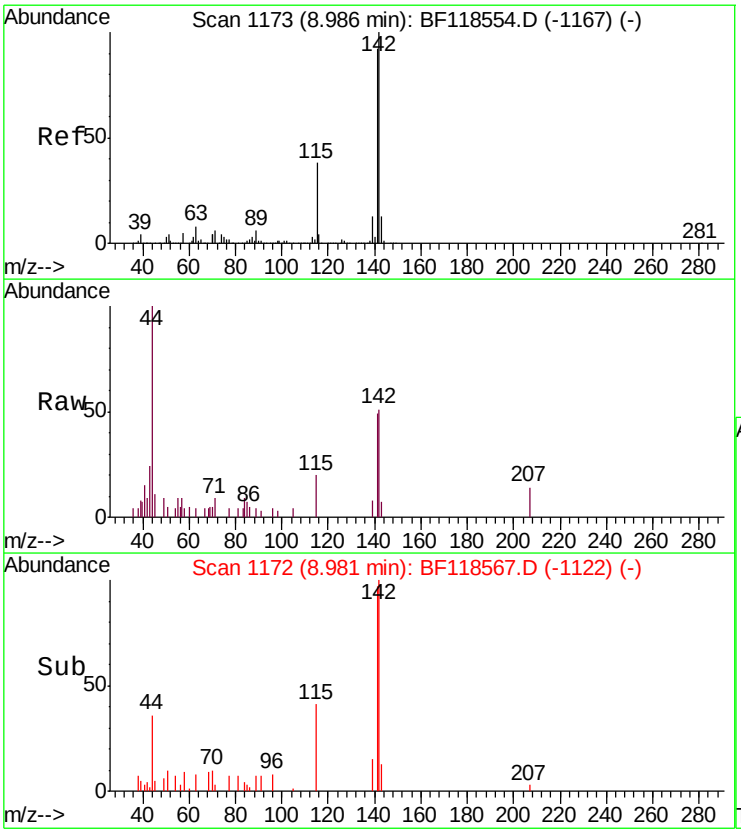

#37
2-Methylnaphthalene
Concen: 0.135 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:142 Resp: 4962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.2 | 70.6 | 106.0 |
| 115 | 35.6 | 29.0 | 43.4 |

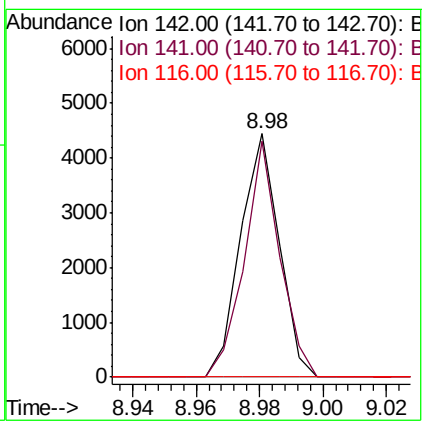


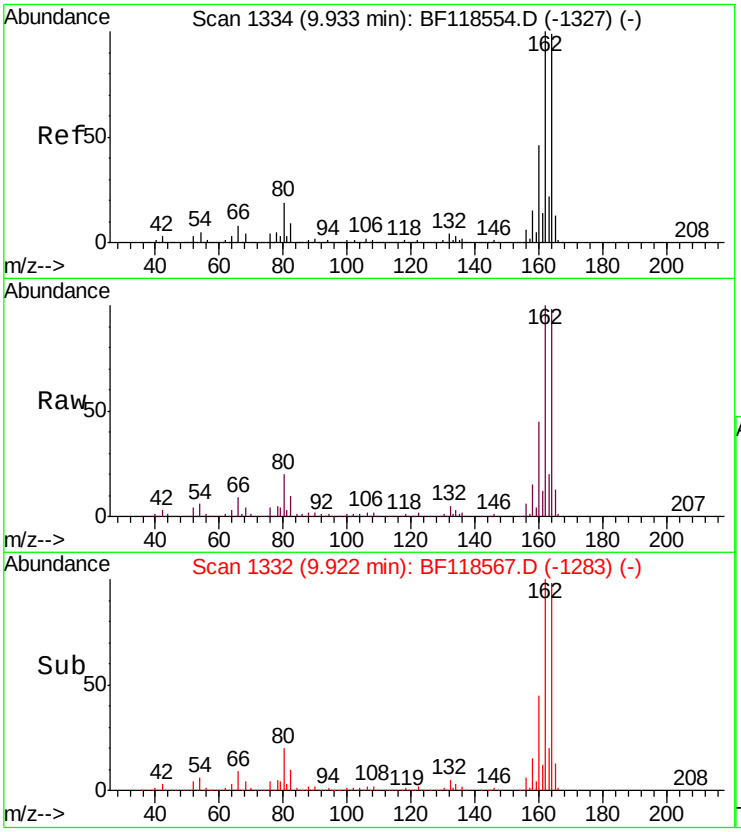




#38
1-Methylnaphthalene
Concen: 0.108 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:142 Resp: 3749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 97.1 | 73.8 | 110.6 |
| 116 | 0.0 | 3.3 | 4.9# |



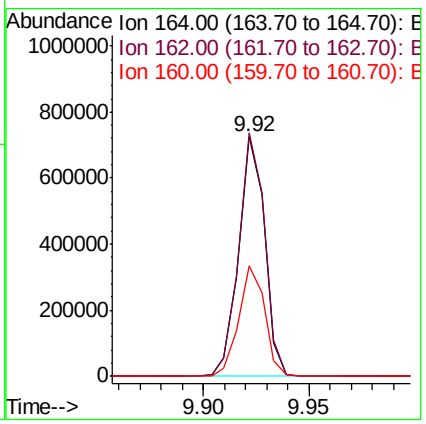


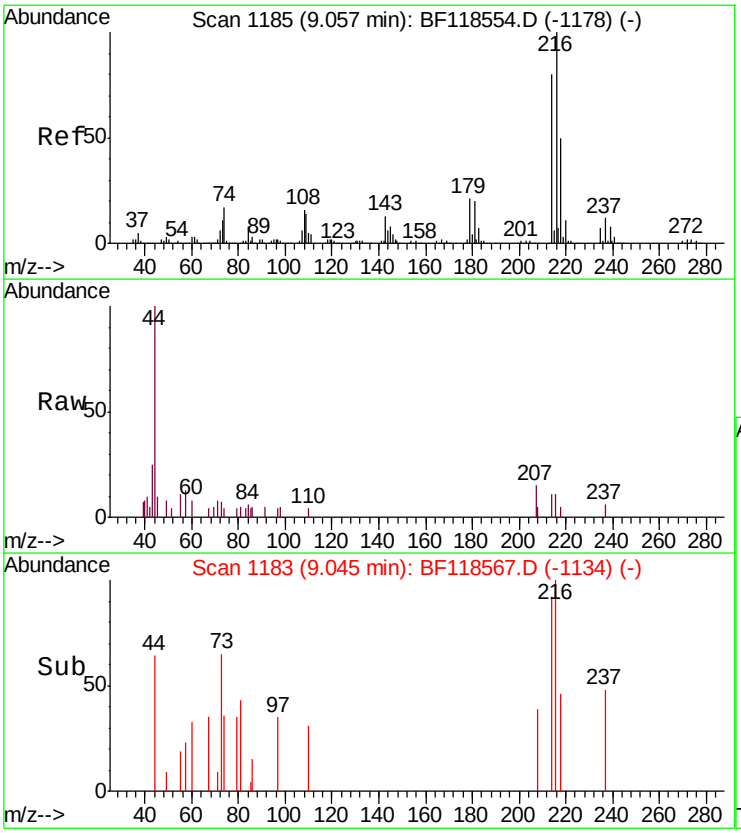

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:164 Resp: 613771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 80.6 | 120.8 |
| 160 | 46.0 | 36.7 | 55.1 |

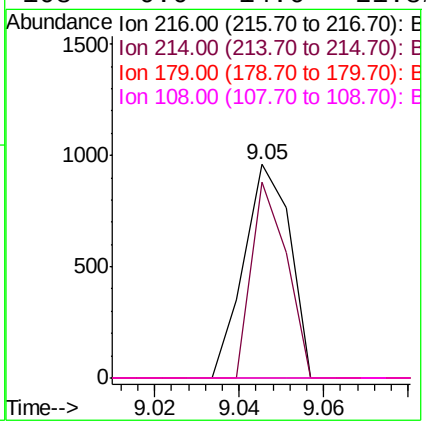


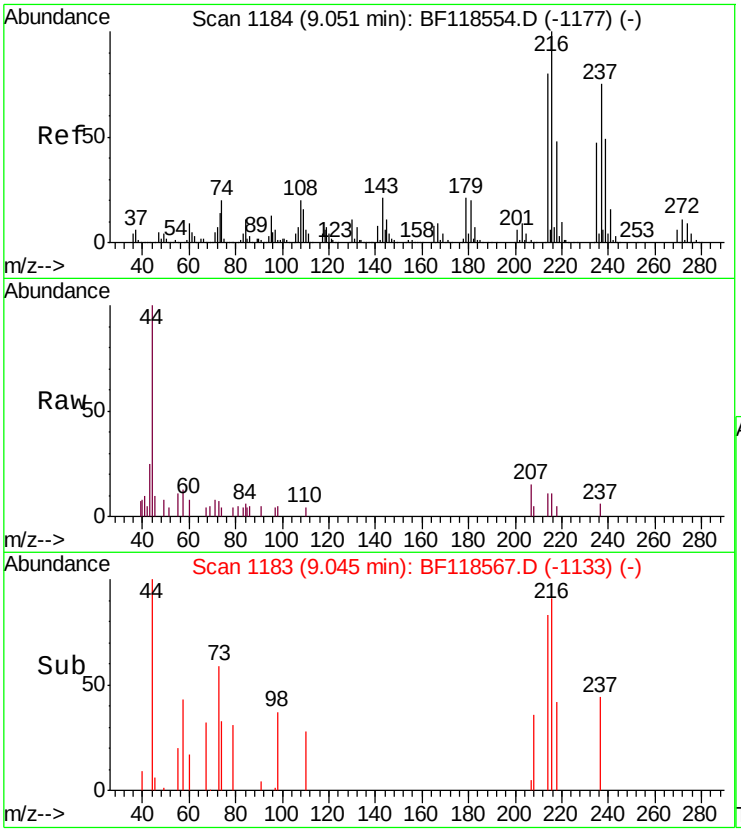




#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.037 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:216 Resp: 734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 69.5 | 63.6 | 95.4 |
| 179 | 0.0 | 16.5 | 24.7# |
| 108 | 0.0 | 14.6 | 21.8# |



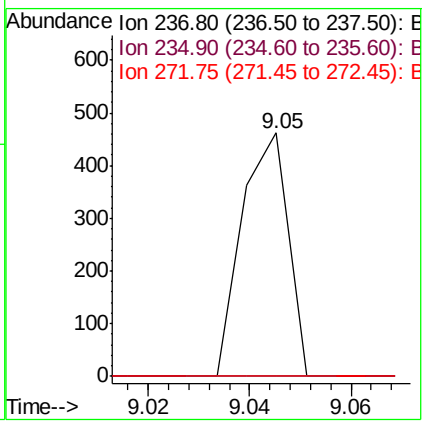


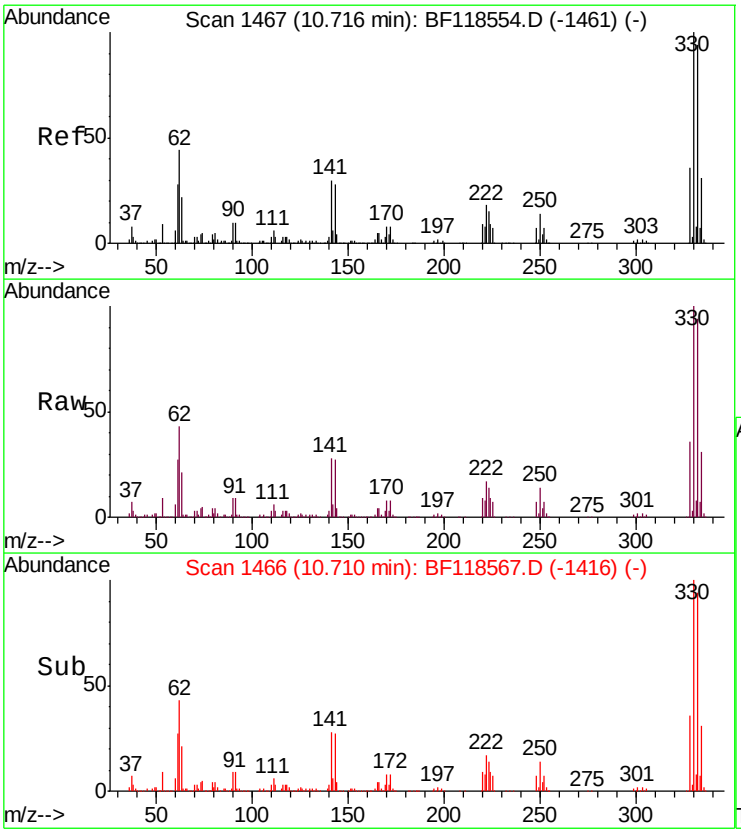

#41
Hexachlorocyclopentadiene
Concen: 0.028 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:237 Resp: 291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 0.0 | 42.1 | 82.1# |
| 272 | 0.0 | 0.0 | 34.3 |

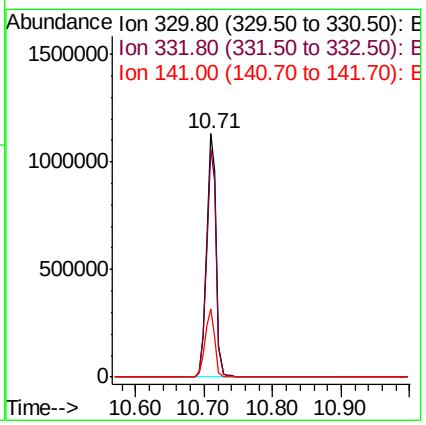


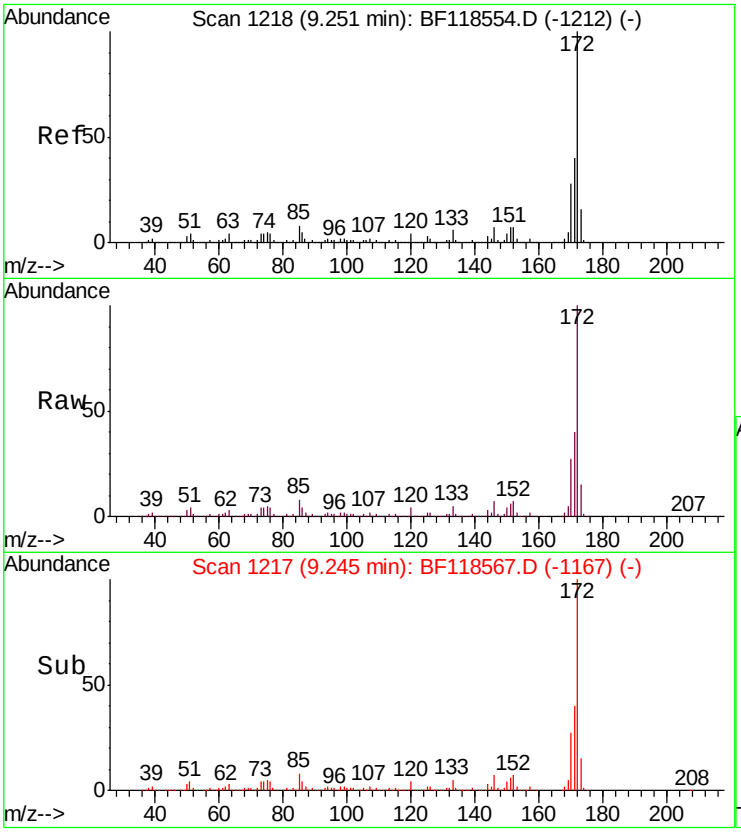




#42
2,4,6-Tribromophenol
Concen: 164.686 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:330 Resp: 1117414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.2 | 76.4 | 114.6 |
| 141 | 28.4 | 23.4 | 35.2 |



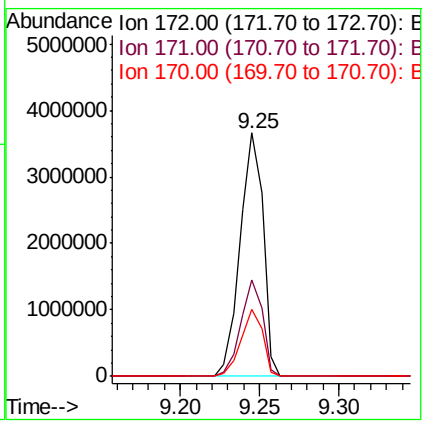


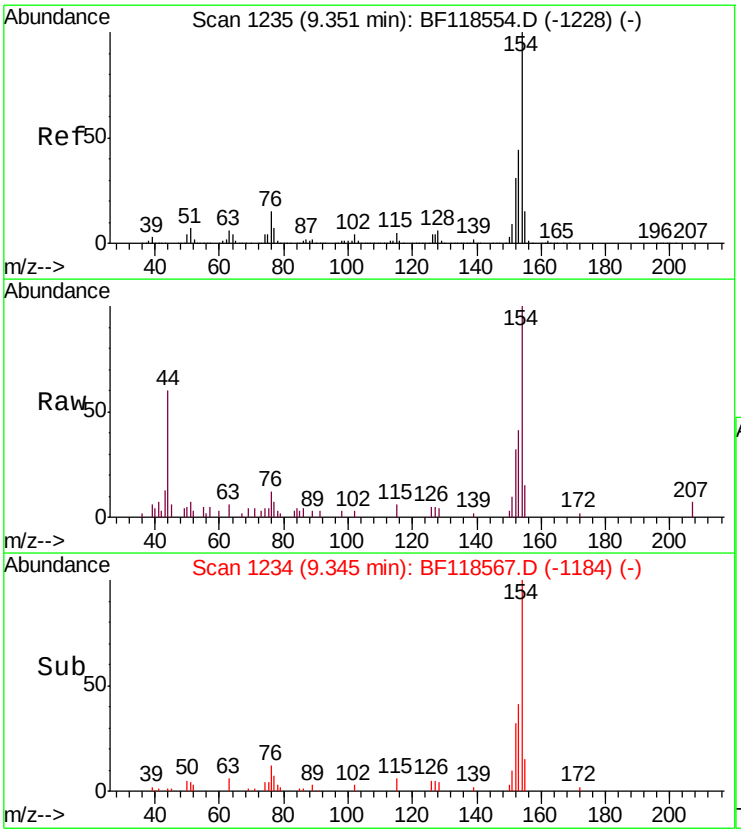

#45
2-Fluorobiphenyl
Concen: 107.734 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:172 Resp: 3662763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.8 | 32.4 | 48.6 |
| 170 | 27.5 | 22.5 | 33.7 |

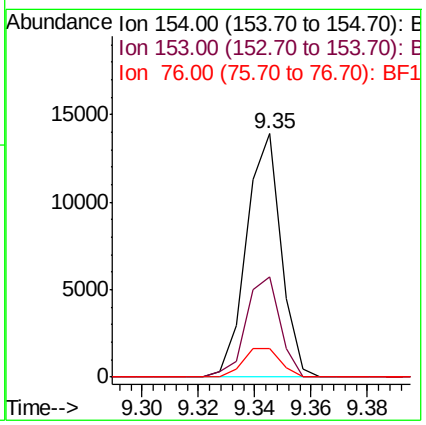


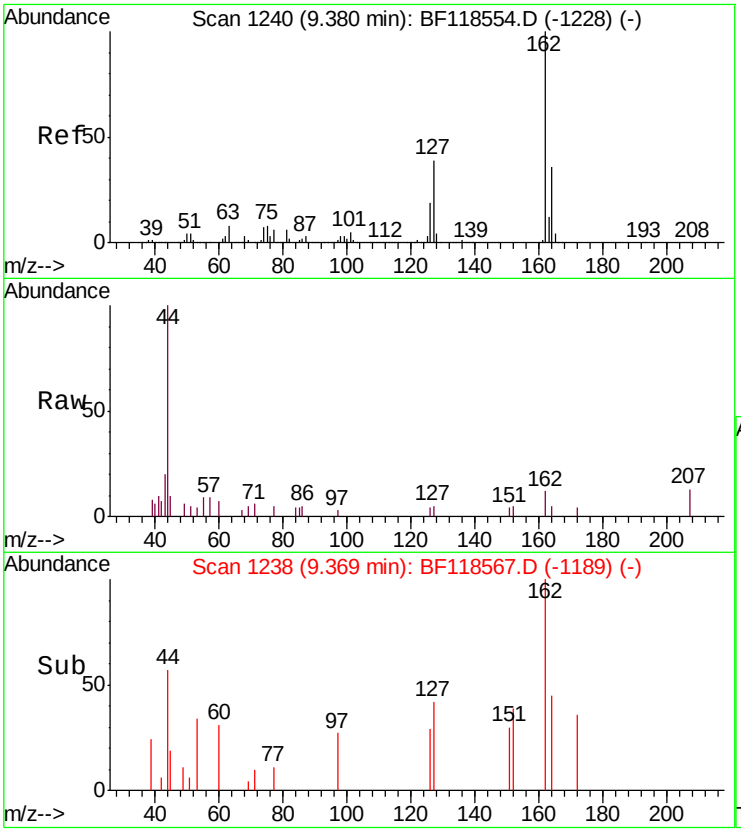




#46
1,1'-Biphenyl
Concen: 0.269 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:154 Resp: 11791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.4 | 23.7 | 63.7 |
| 76 | 12.0 | 0.0 | 35.2 |



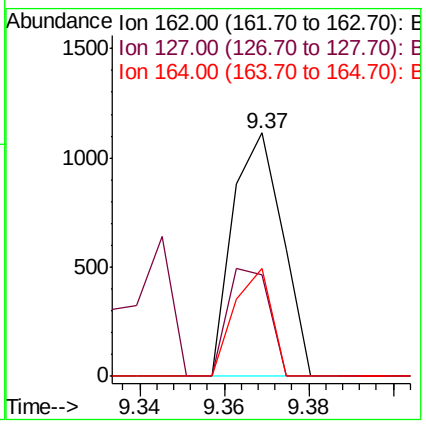


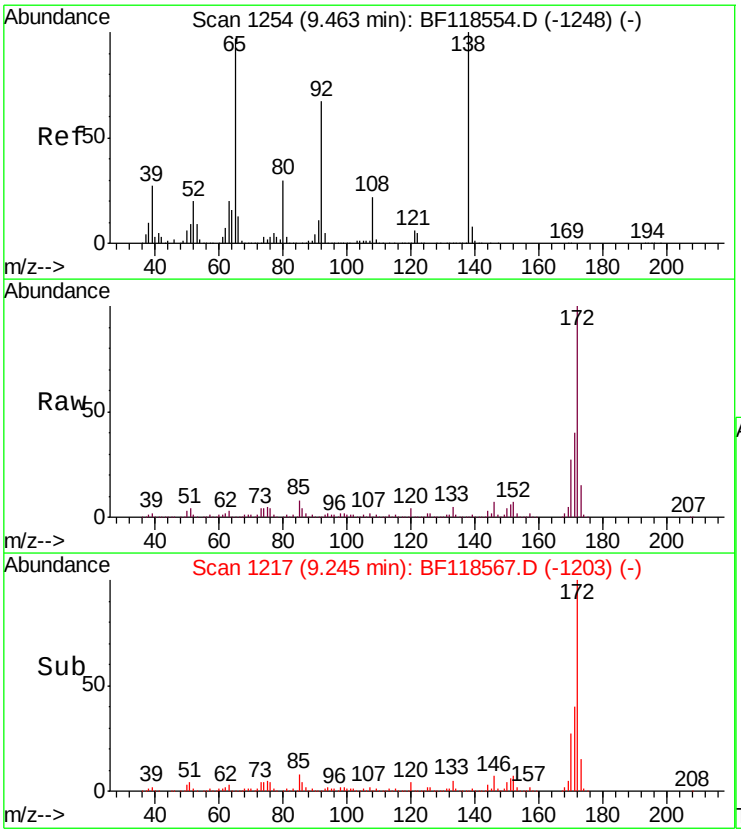

#47
2-Chloronaphthalene
Concen: 0.025 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:162 Resp: 910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.8 | 31.0 | 46.4 |
| 164 | 44.6 | 28.6 | 42.8# |

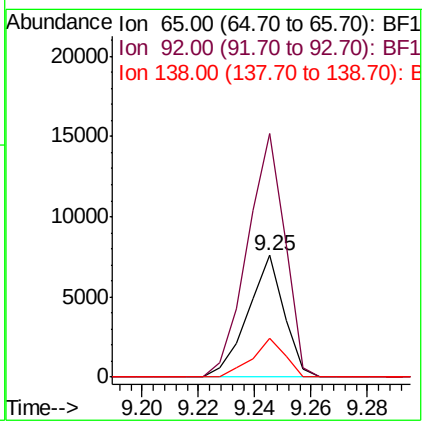


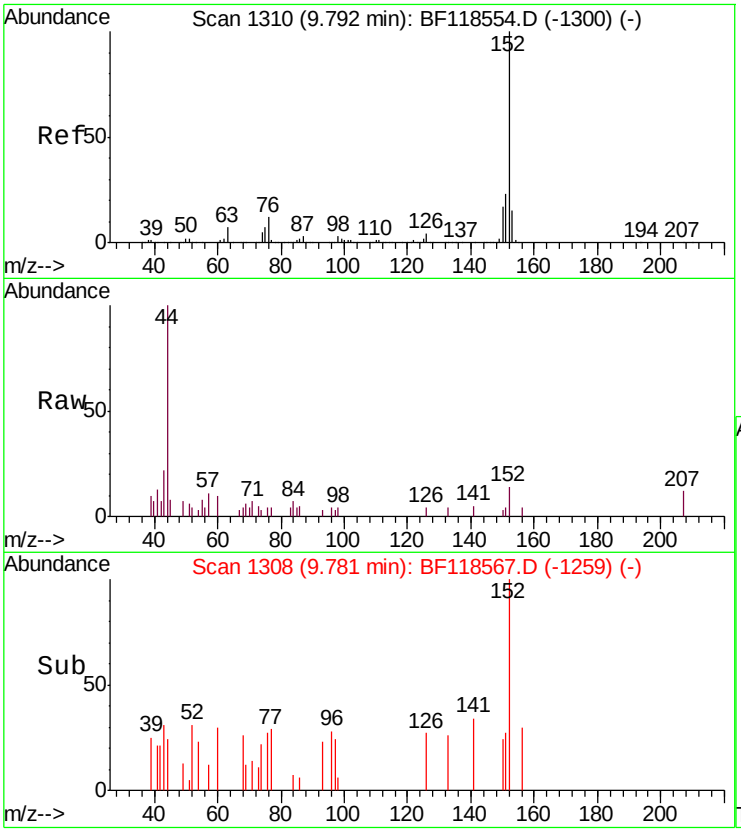




#48
2-Nitroaniline
Concen: 0.706 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.22 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 65 Resp: 6785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 200.5 | 55.3 | 82.9# |
| 138 | 31.7 | 82.9 | 124.3# |



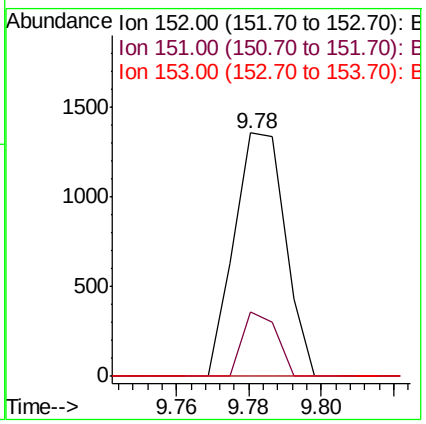


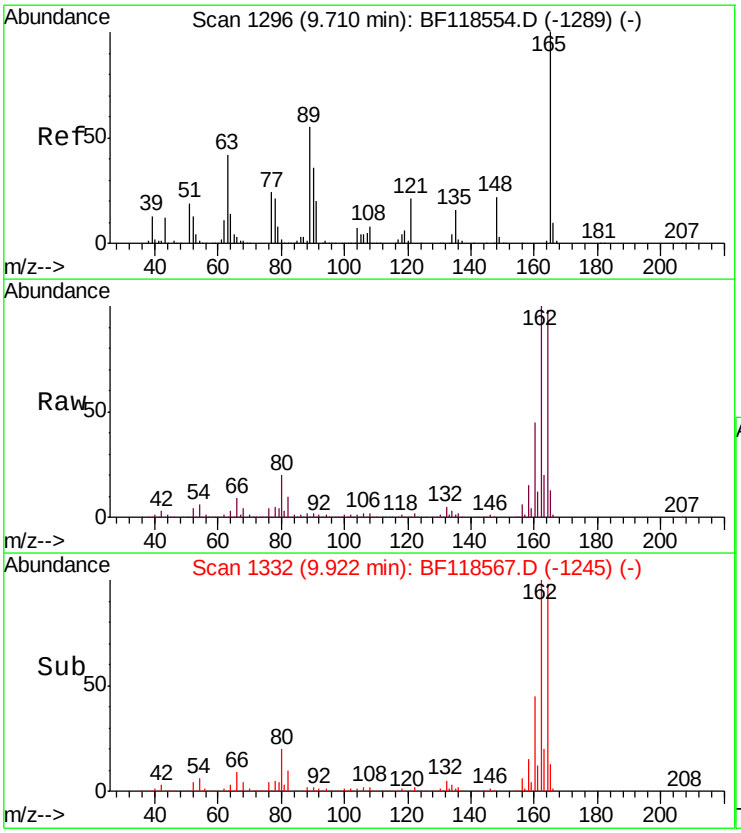

#49
Acenaphthylene
Concen: 0.025 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:152 Resp: 1326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 26.6 | 18.6 | 27.8 |
| 153 | 0.0 | 12.3 | 18.5# |

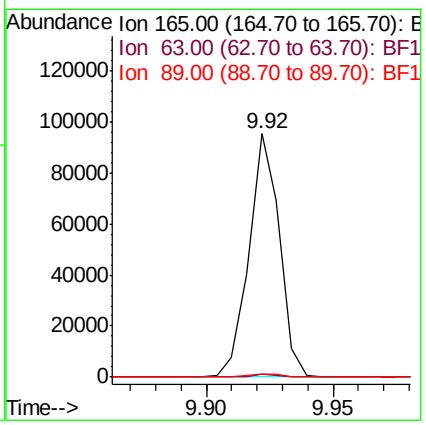


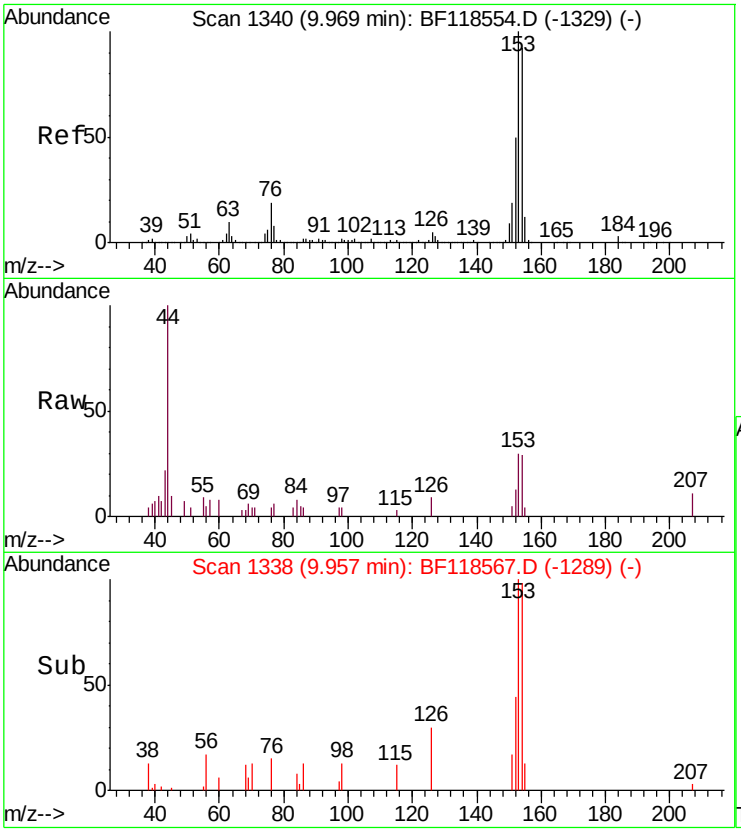




#51
2,6-Dinitrotoluene
Concen: 9.915 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:165 Resp: 79719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 41.9 | 62.9# |
| 89 | 1.3 | 44.0 | 66.0# |



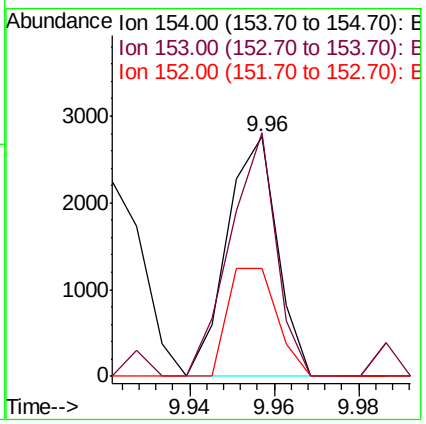


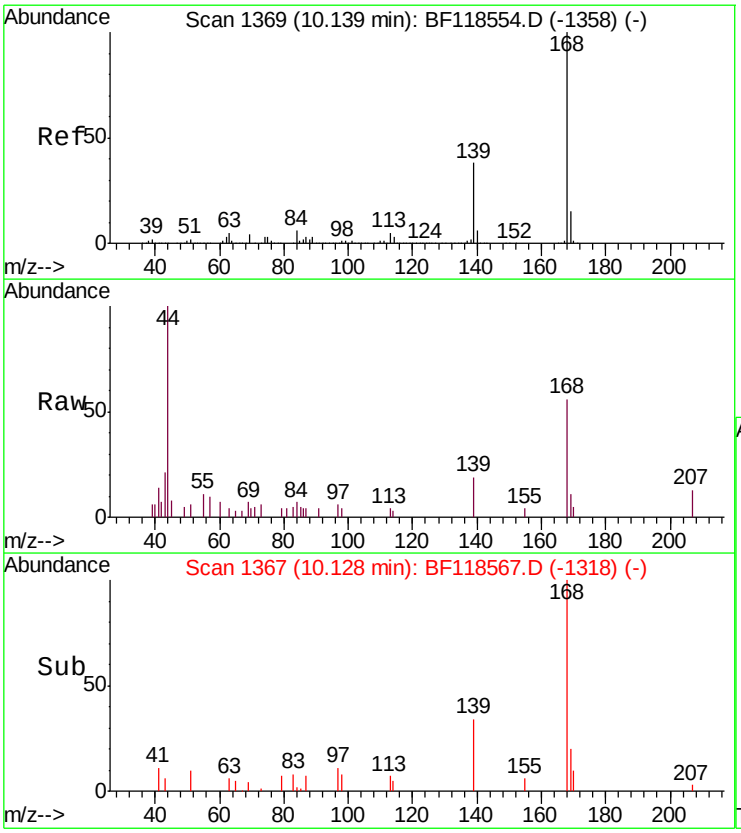

#52
Acenaphthene
Concen: 0.067 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:154 Resp: 2277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 101.7 | 87.0 | 130.4 |
| 152 | 45.1 | 43.8 | 65.8 |

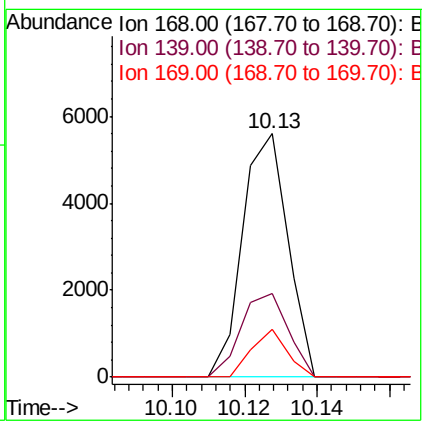


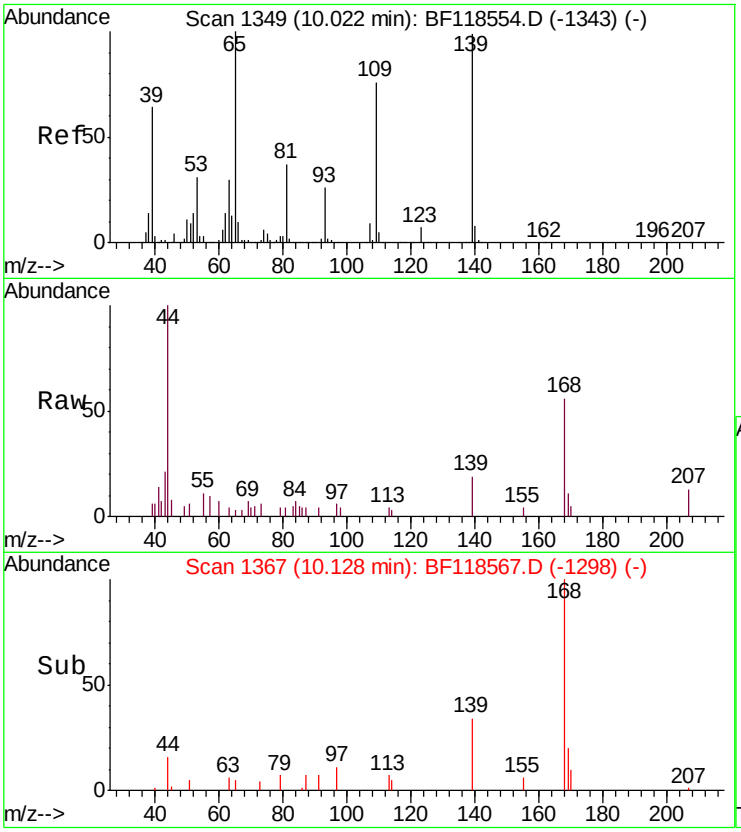




#55
Dibenzofuran
Concen: 0.100 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:168 Resp: 4841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.3 | 30.6 | 46.0 |
| 169 | 19.6 | 11.9 | 17.9# |



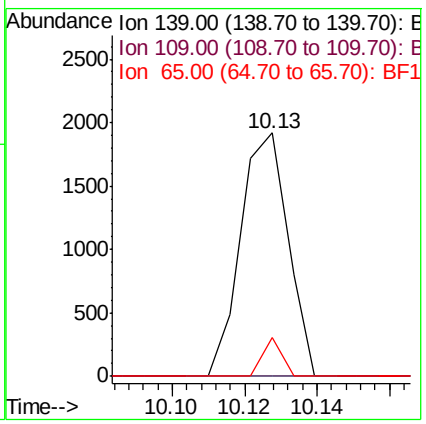


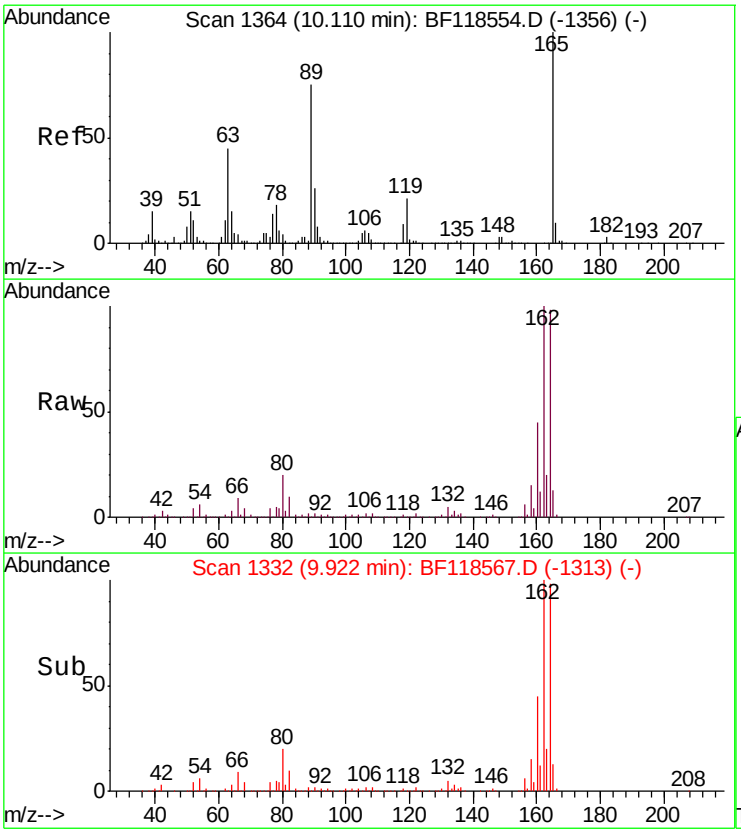

#56
4-Nitrophenol
Concen: 0.259 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :** BNA_F
**ClientSampleId :** HR-05-011420

Tgt Ion:139 Resp: 1740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 56.9 | 96.9# |
| 65 | 15.7 | 81.7 | 121.7# |

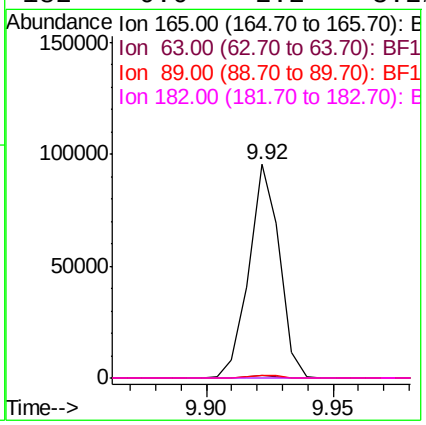


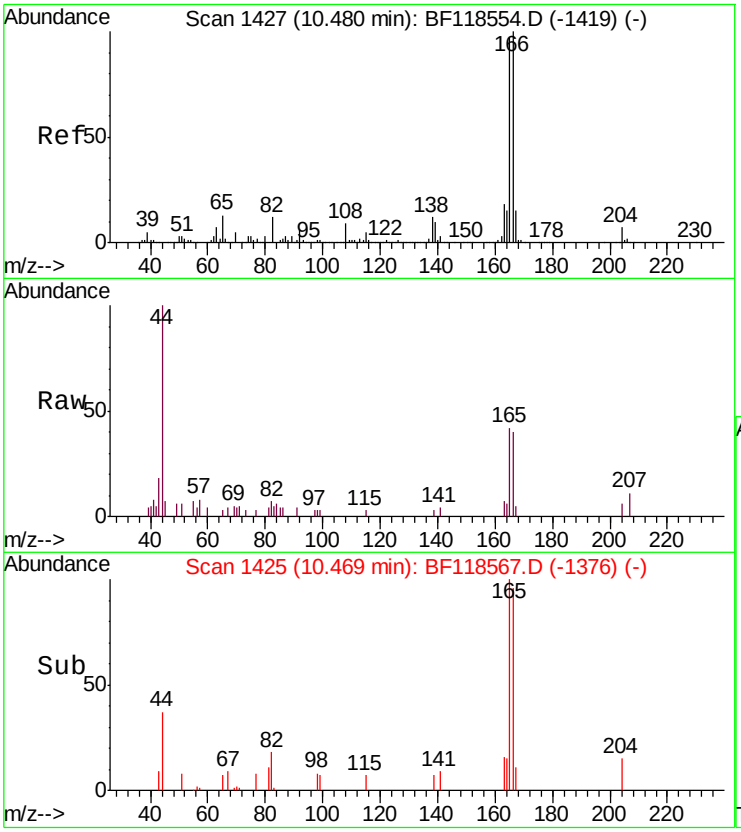




#57
2,4-Dinitrotoluene
Concen: 11.771 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:165 Resp: 79719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 35.8 | 53.6# |
| 89 | 1.3 | 59.9 | 89.9# |
| 182 | 0.0 | 2.2 | 3.2# |



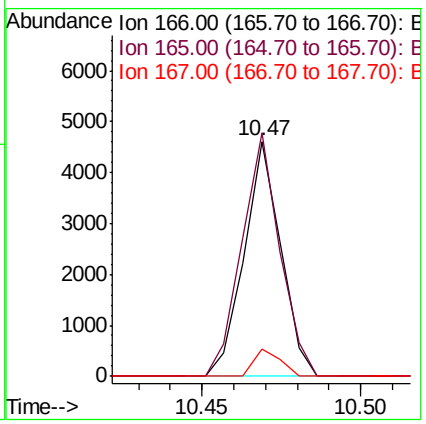


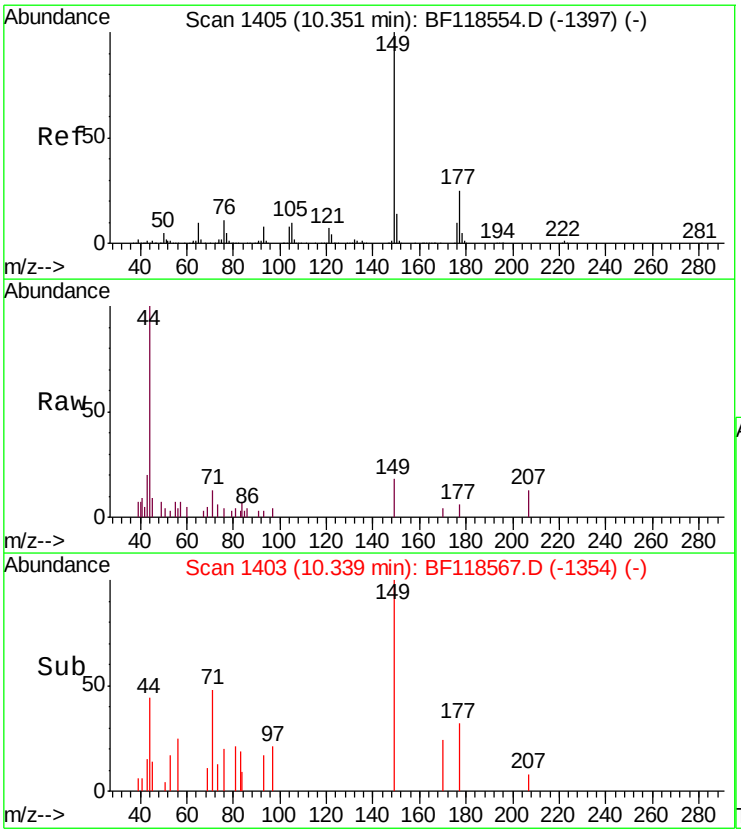

#58
Fluorene
Concen: 0.099 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:166 Resp: 3699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 103.7 | 77.8 | 116.8 |
| 167 | 11.4 | 11.7 | 17.5# |

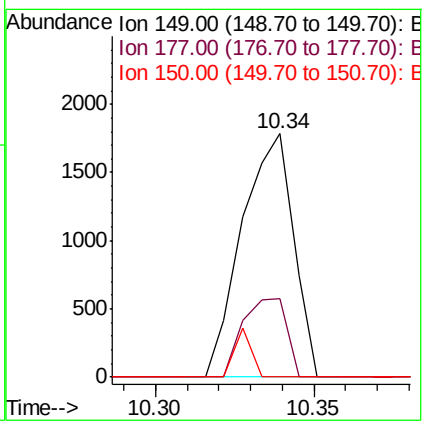


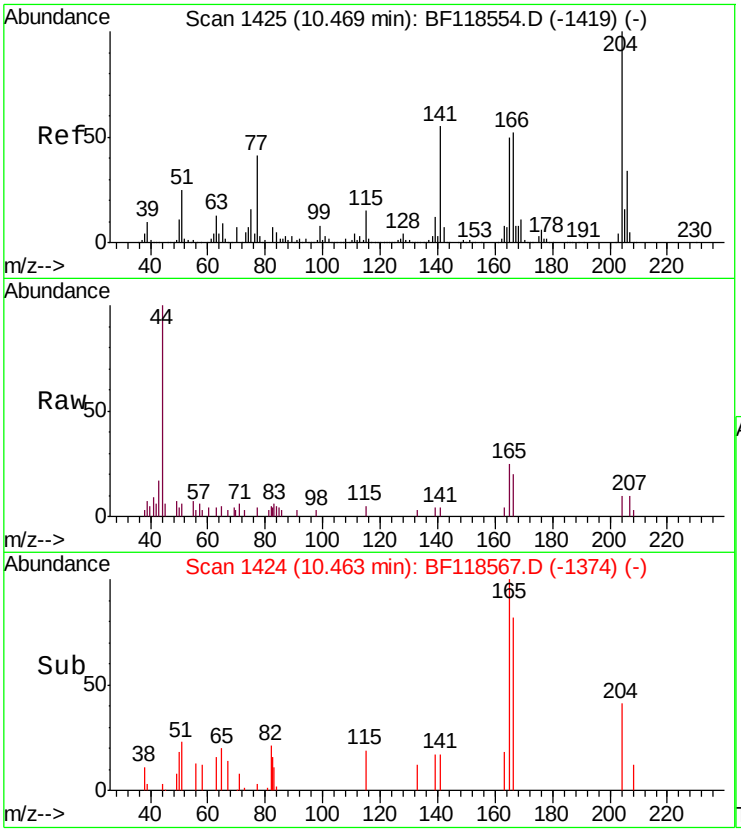




#60
Diethylphthalate
Concen: 0.049 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:149 Resp: 2005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 32.4 | 20.2 | 30.4# |
| 150 | 0.0 | 11.0 | 16.4# |



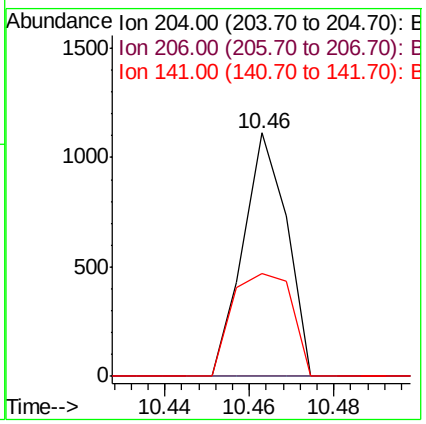


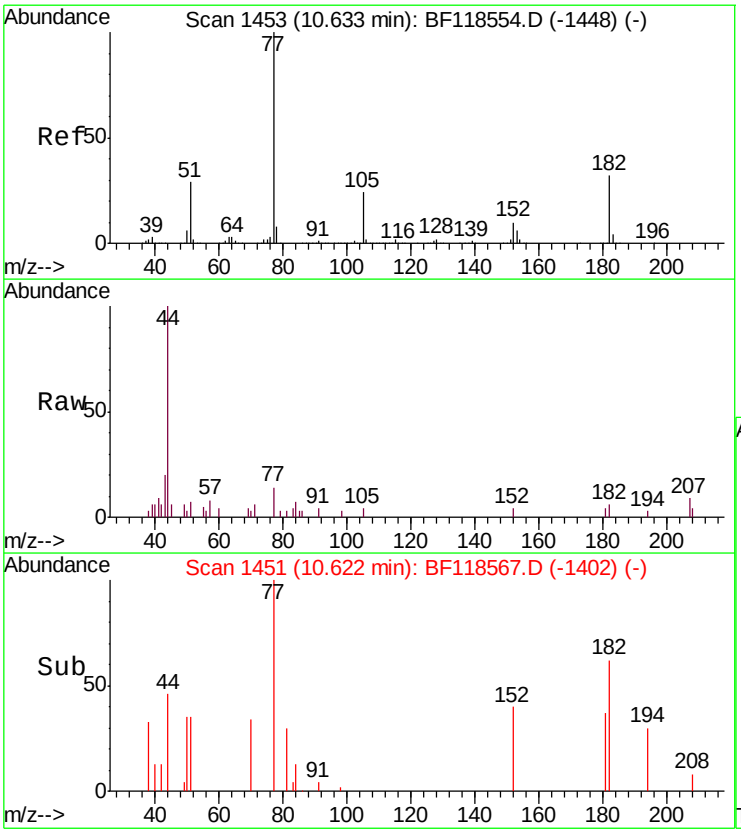

#61
4-Chlorophenyl-phenylether
Concen: 0.039 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:204 Resp: 805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 0.0 | 27.1 | 40.7# |
| 141 | 42.5 | 44.4 | 66.6# |

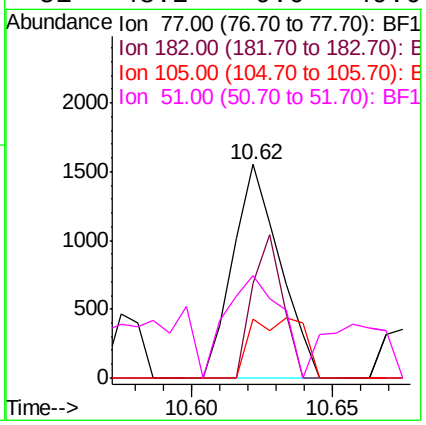


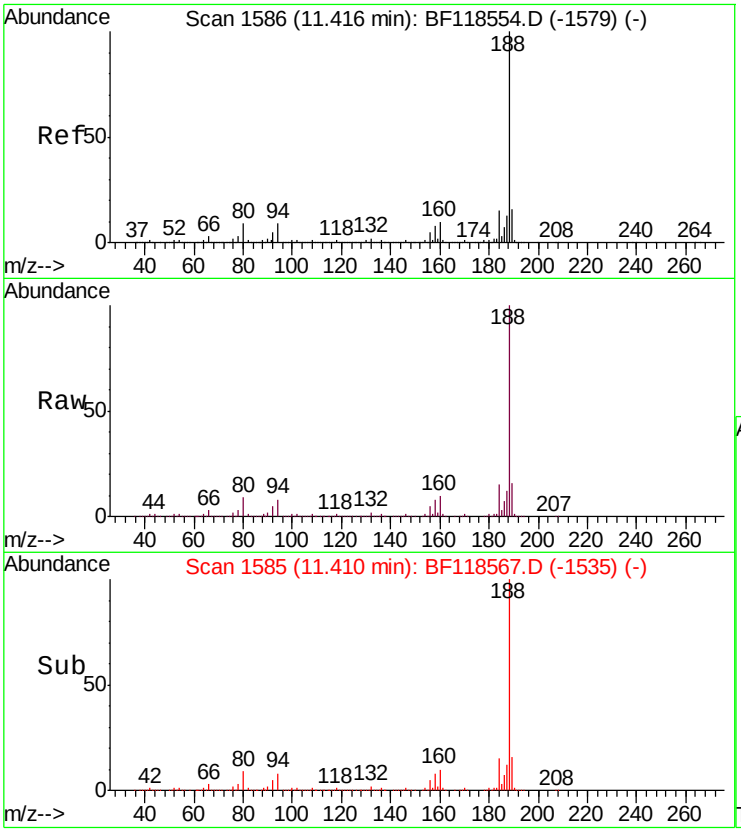




#63
Azobenzene
Concen: 0.045 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 77 Resp: 1789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 44.2 | 11.7 | 51.7 |
| 105 | 27.7 | 3.6 | 43.6 |
| 51 | 48.2 | 9.0 | 49.0 |



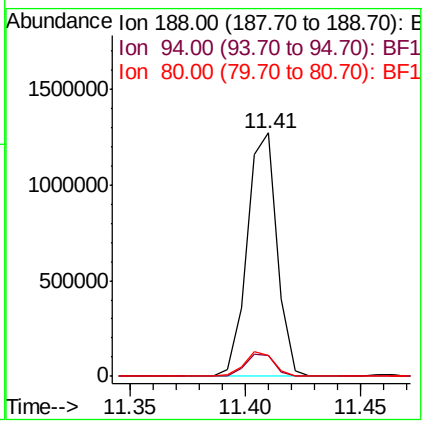


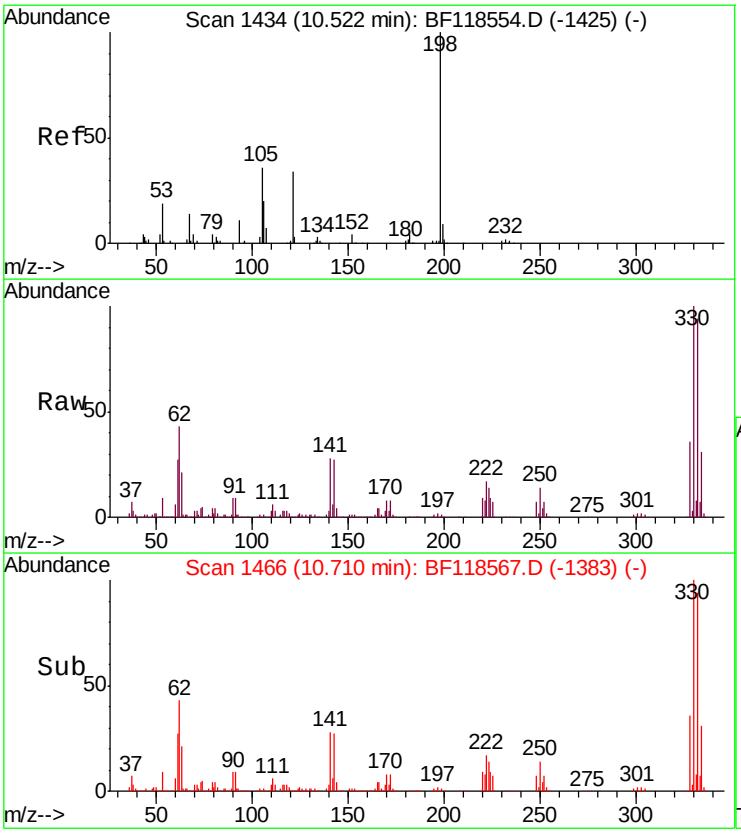

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:188 Resp: 1150592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.0 | 10.4 |
| 80 | 8.8 | 7.4 | 11.2 |

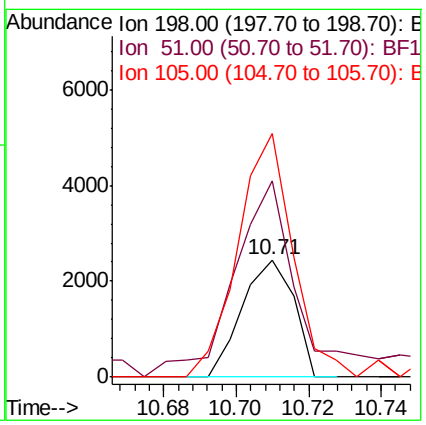


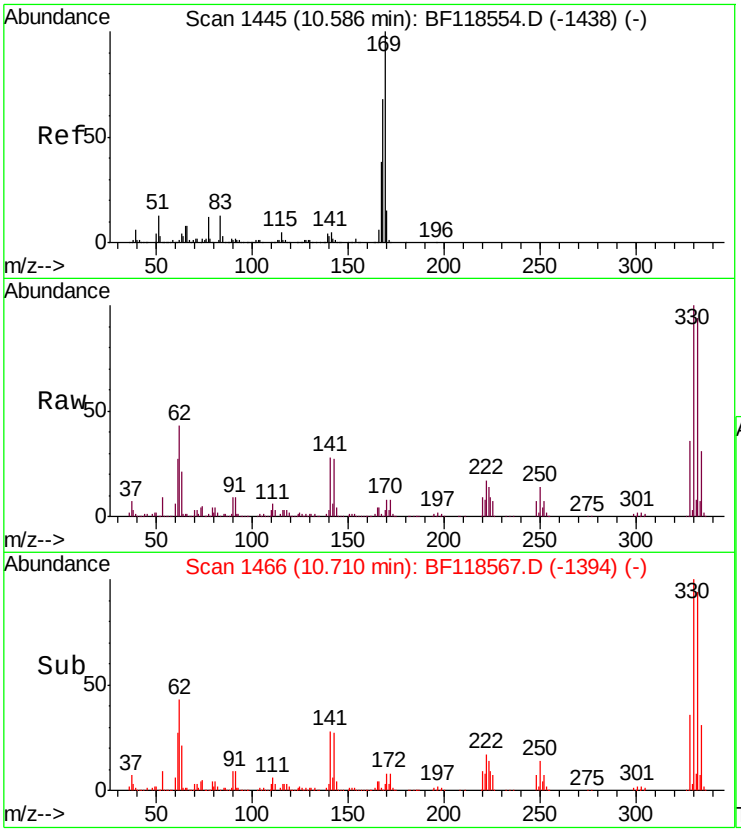




#65
4,6-Dinitro-2-methylphenol
Concen: 10.138 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:198 Resp: 2421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 167.9 | 13.2 | 53.2# |
| 105 | 208.0 | 17.2 | 57.2# |



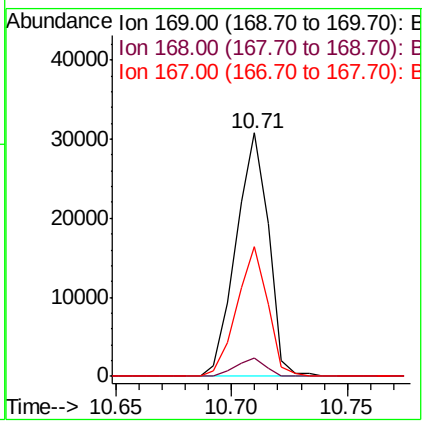


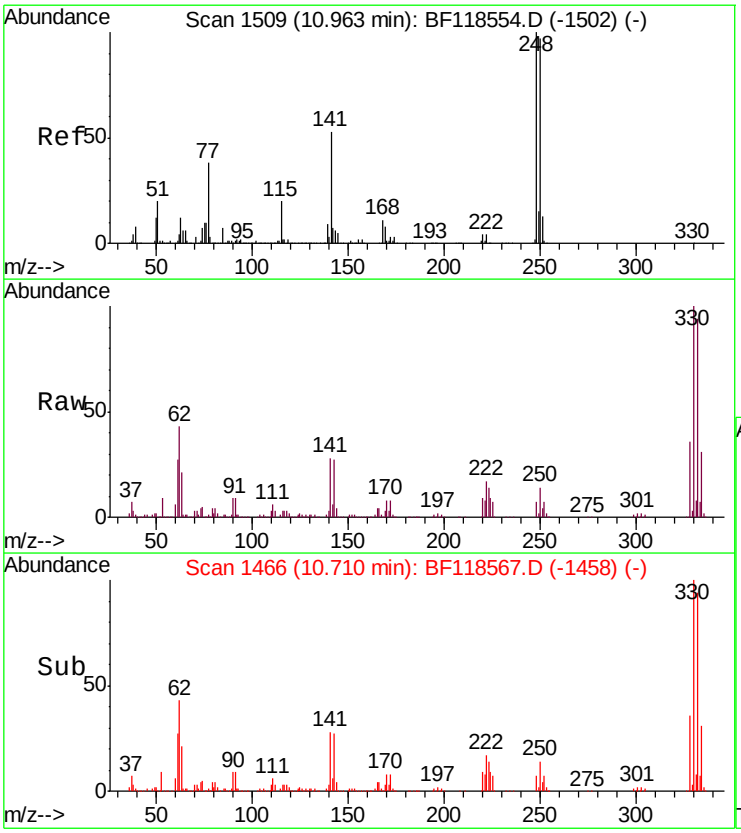

#66
n-Nitrosodiphenylamine
Concen: 0.819 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:169 Resp: 30297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 7.6 | 54.2 | 81.4# |
| 167 | 53.5 | 30.5 | 45.7# |

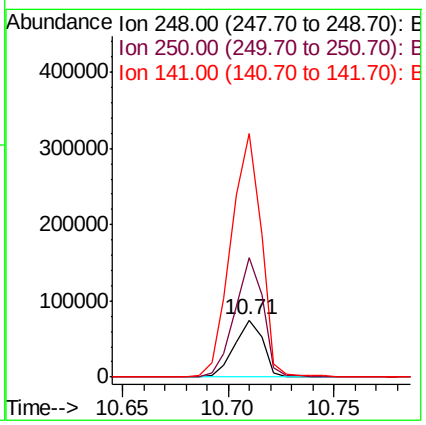


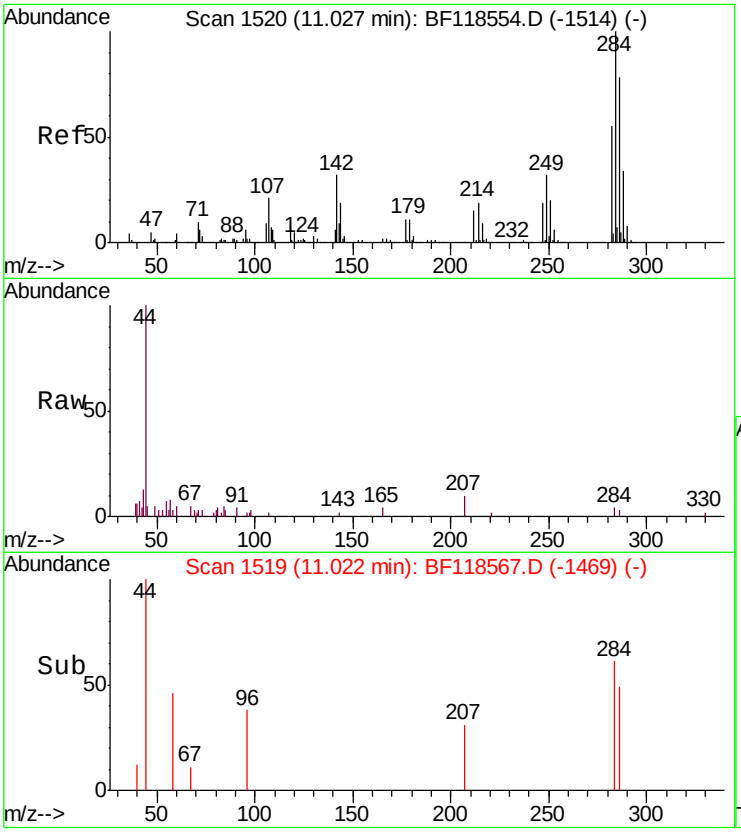




#67
4-Bromophenyl-phenylether
Concen: 4.511 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:248 Resp: 69482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 209.1 | 77.8 | 116.8# |
| 141 | 428.3 | 42.7 | 64.1# |



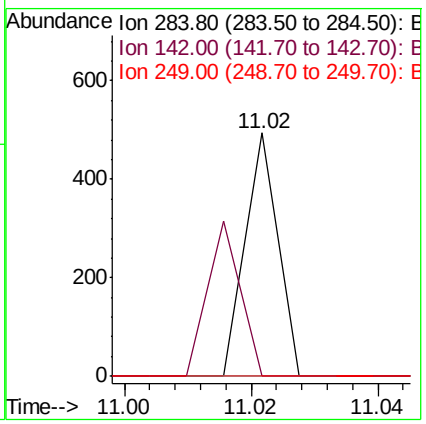


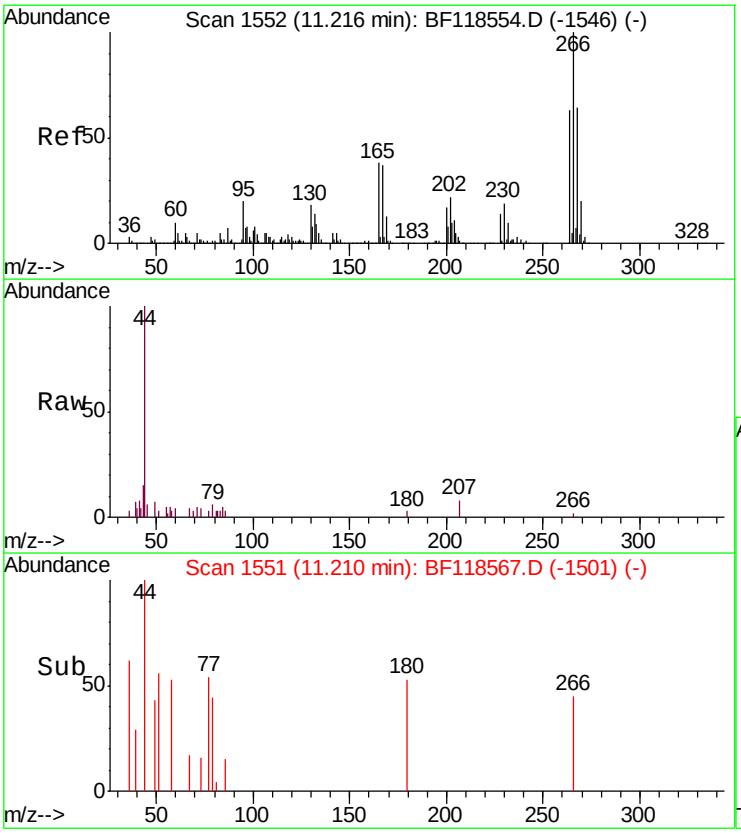

#68
Hexachlorobenzene
Concen: 0.010 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:284 Resp: 174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 25.6 | 38.4# |
| 249 | 0.0 | 25.6 | 38.4# |

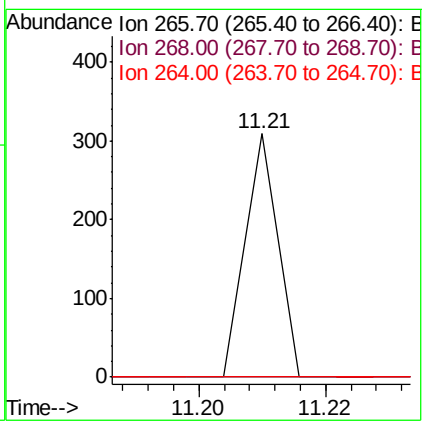


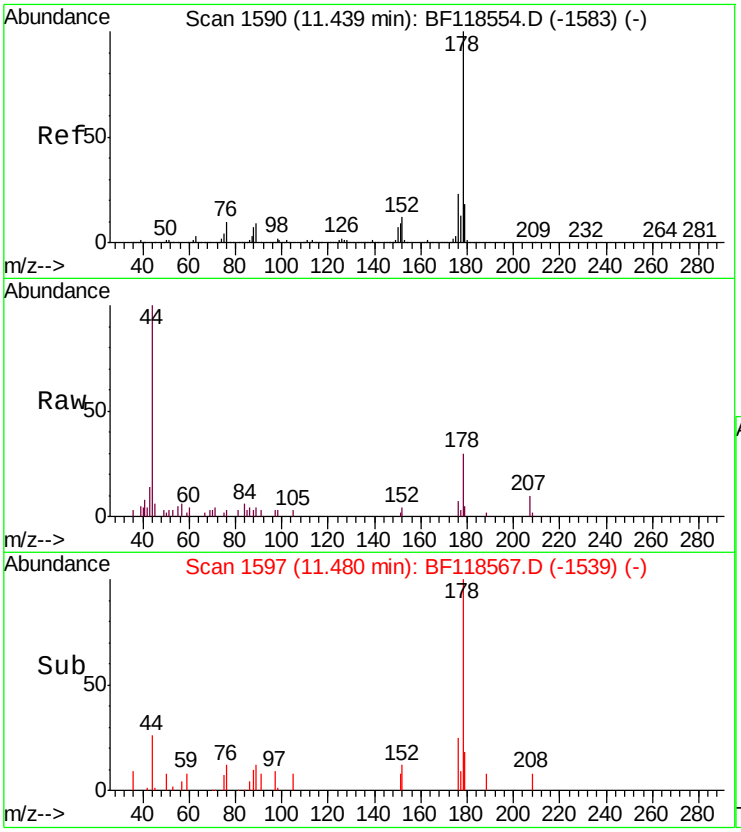




#70
Pentachlorophenol
Concen: 0.013 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:266 Resp: 109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 51.0 | 76.4# |
| 264 | 0.0 | 50.5 | 75.7# |



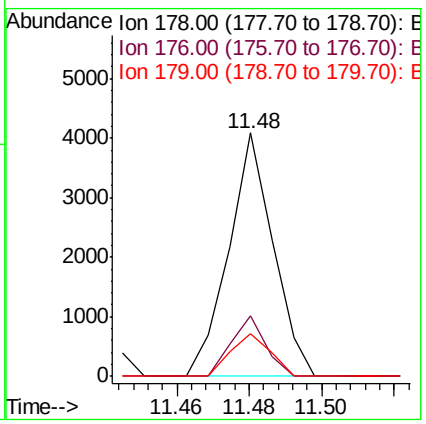


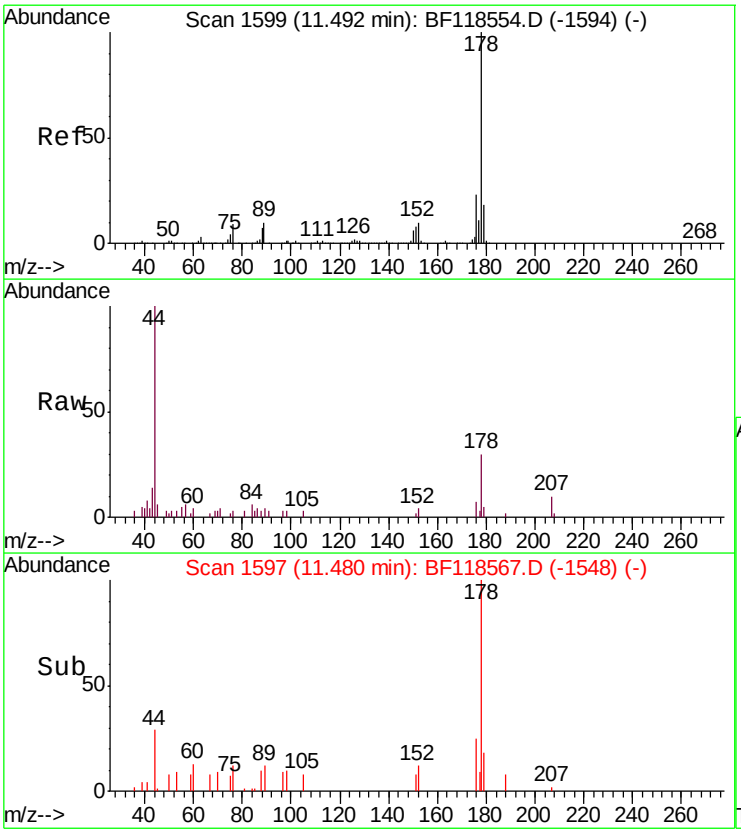

#71
Phenanthrene
Concen: 0.060 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.04 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:178 Resp: 3493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.8 | 18.6 | 28.0 |
| 179 | 17.5 | 14.6 | 22.0 |

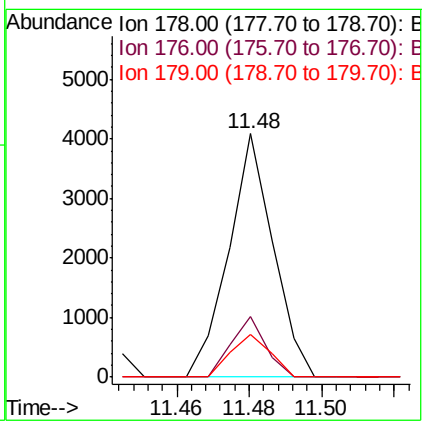


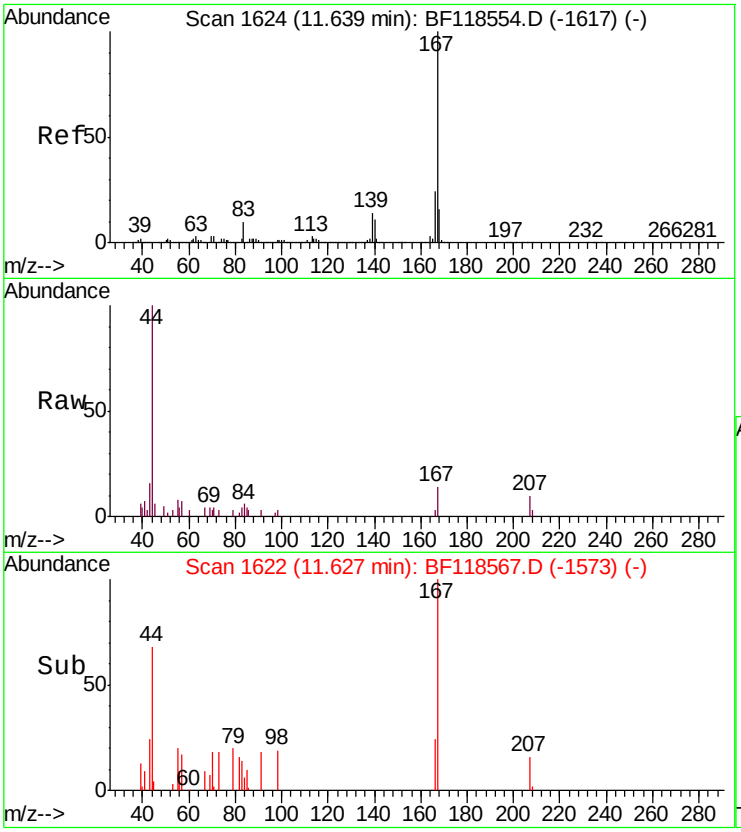




#72
Anthracene
Concen: 0.061 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:178 Resp: 3493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.8 | 18.1 | 27.1 |
| 179 | 17.5 | 14.7 | 22.1 |



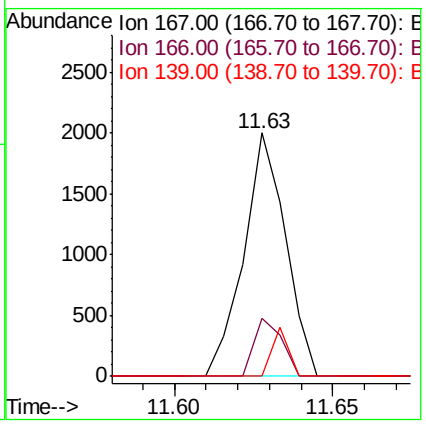


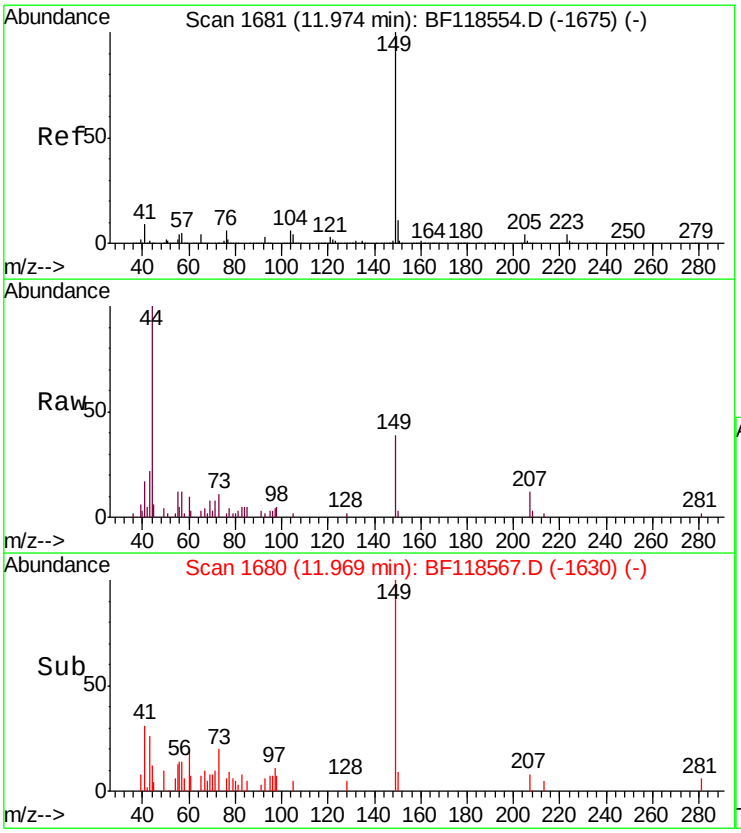

#73
Carbazole
Concen: 0.035 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:167 Resp: 1826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.1 | 19.5 | 29.3 |
| 139 | 0.0 | 11.5 | 17.3# |

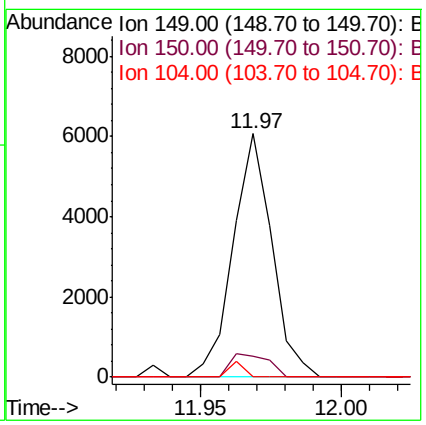


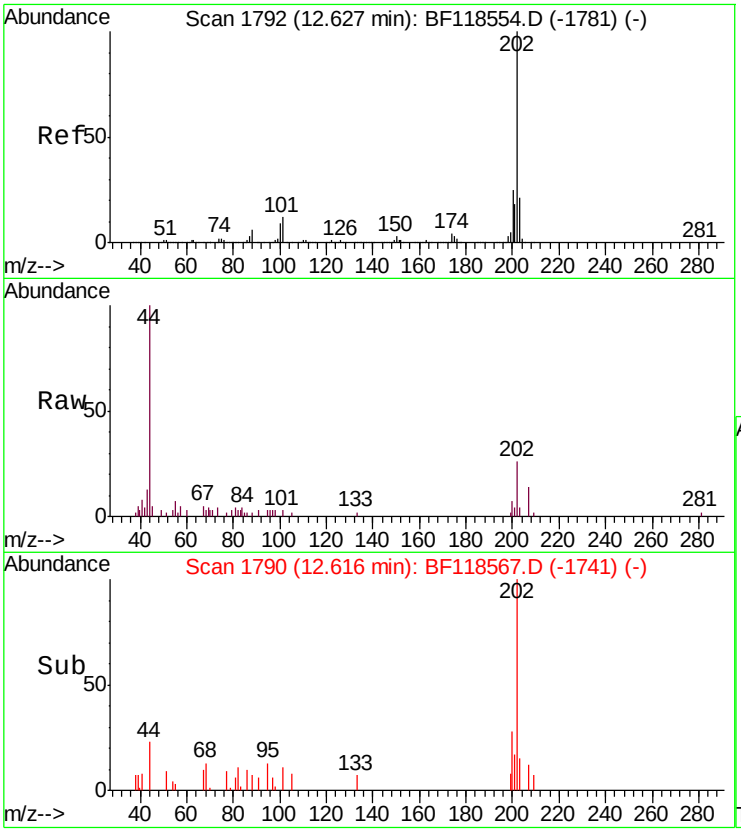




#74
Di-n-butylphthalate
Concen: 0.090 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:149 Resp: 5802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.7 | 9.0 | 13.6# |
| 104 | 0.0 | 5.0 | 7.4# |



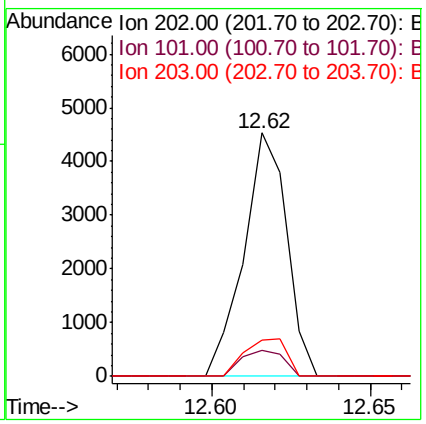


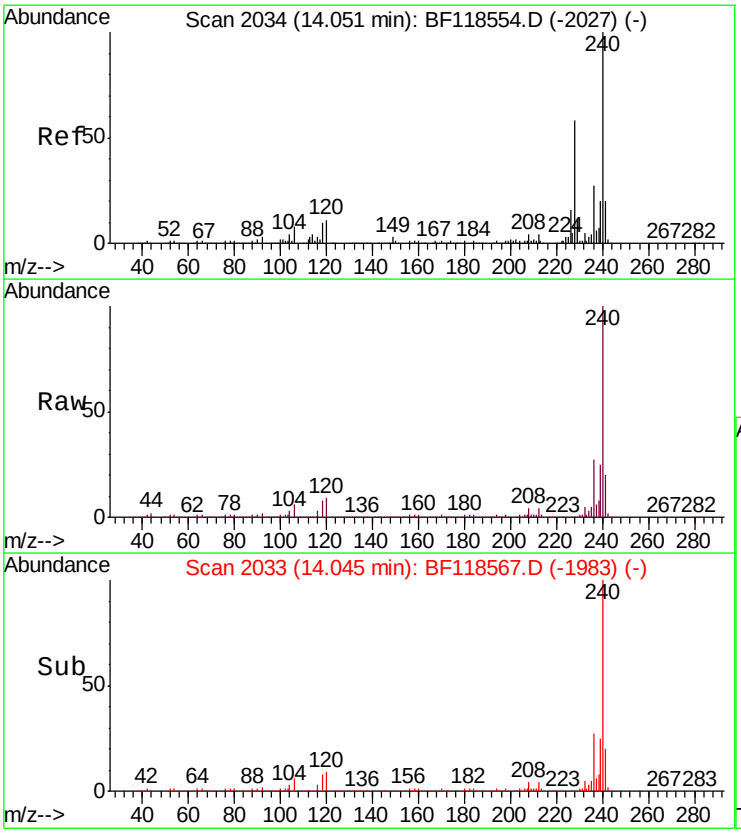

#75
Fluoranthene
Concen: 0.068 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:202 Resp: 4252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 31.9 |
| 203 | 15.0 | 0.9 | 40.9 |

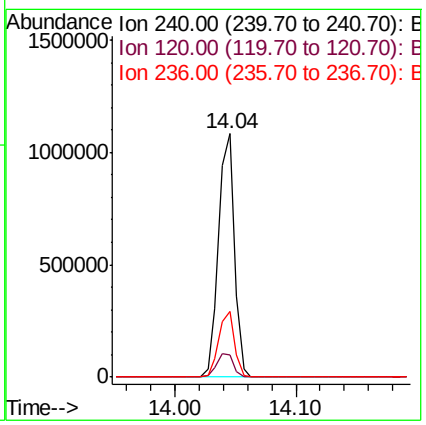


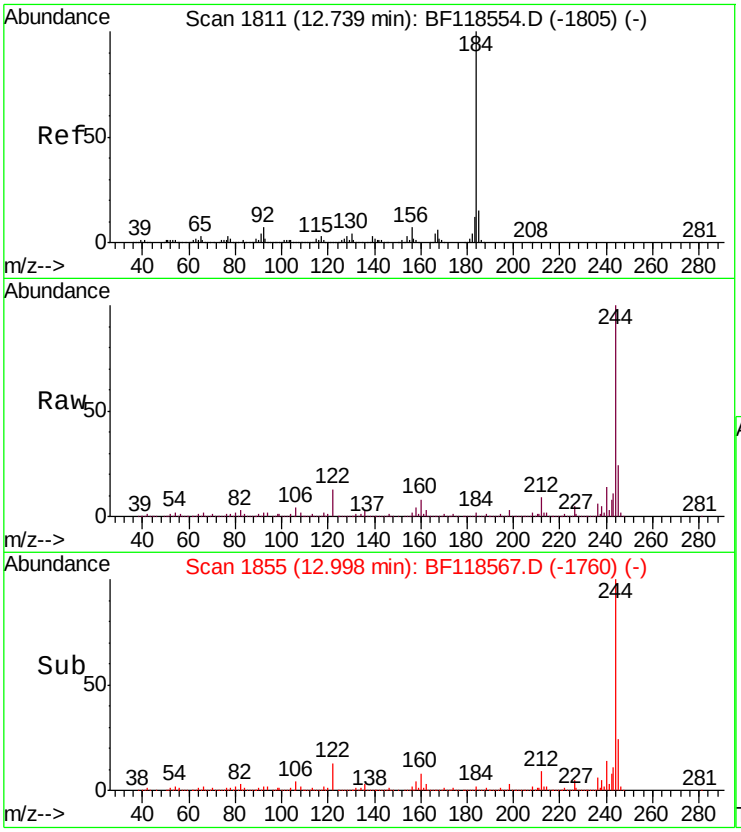




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:240 Resp: 982475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 8.7 | 13.1 |
| 236 | 26.8 | 21.8 | 32.8 |



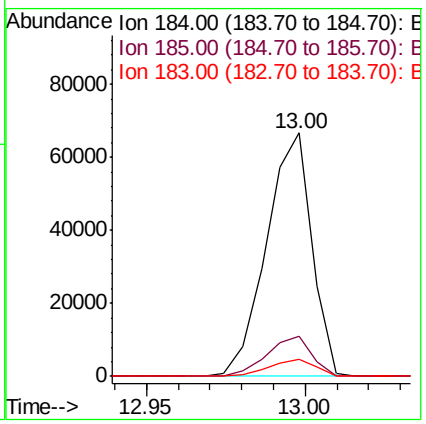


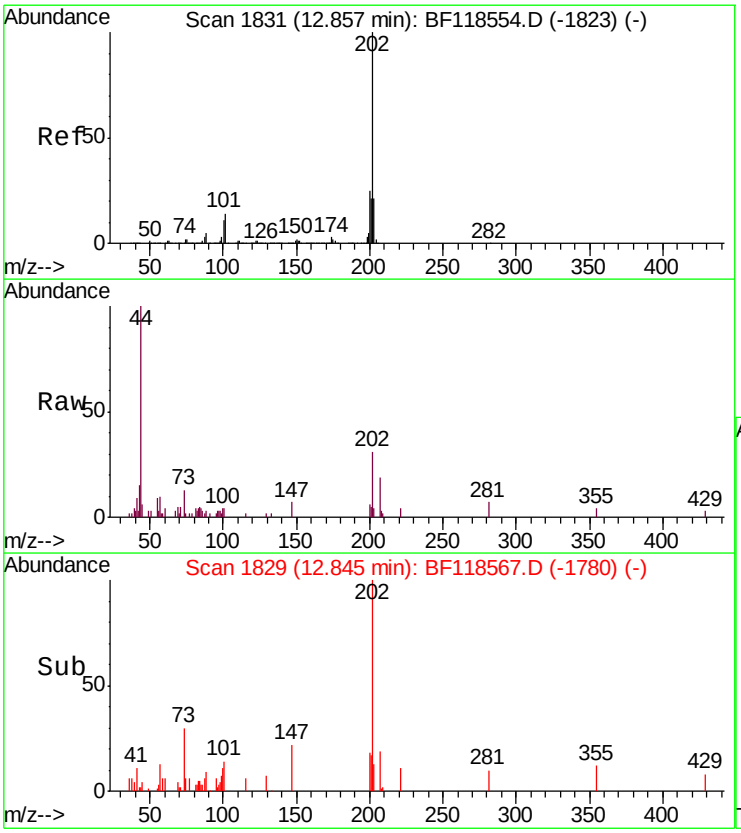

#77
Benzidine
Concen: 2.786 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:184 Resp: 66508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.6 | 12.3 | 18.5 |
| 183 | 7.1 | 9.5 | 14.3# |

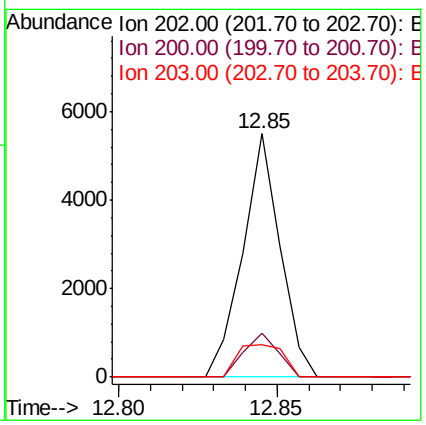


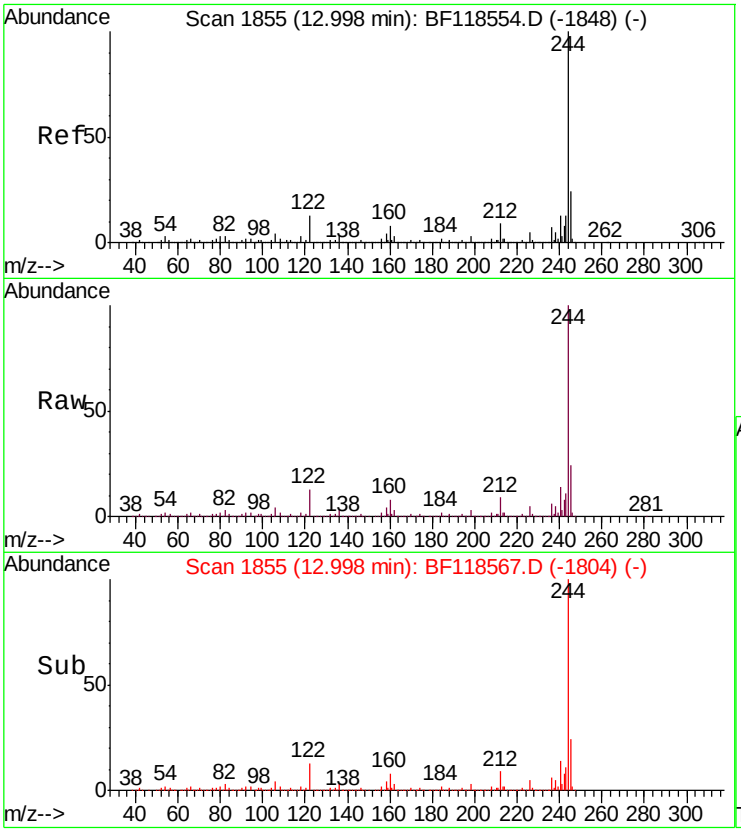




#78
Pyrene
Concen: 0.061 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:202 Resp: 4509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.1 | 20.2 | 30.4# |
| 203 | 13.4 | 16.6 | 25.0# |



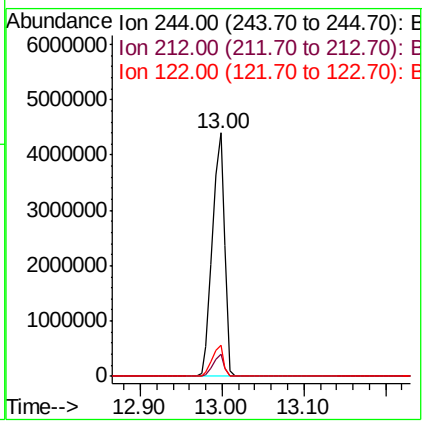


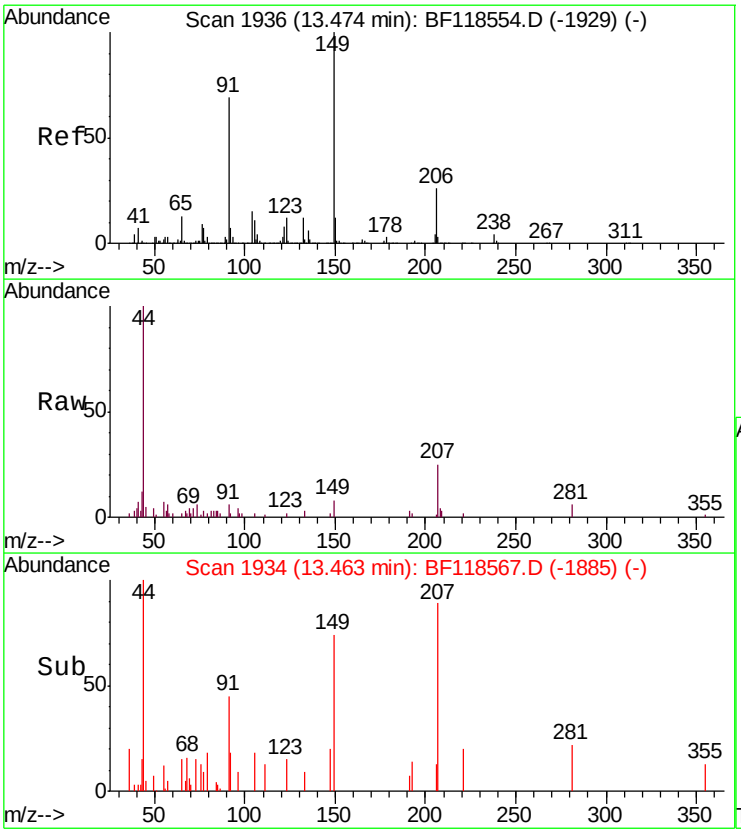

#79
Terphenyl-d14
Concen: 93.225 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:244 Resp: 4637709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.0 | 10.4 |
| 122 | 12.7 | 10.4 | 15.6 |

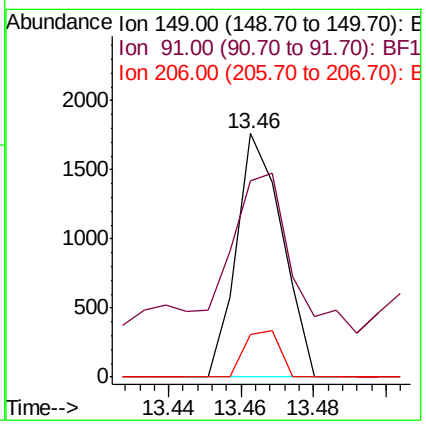


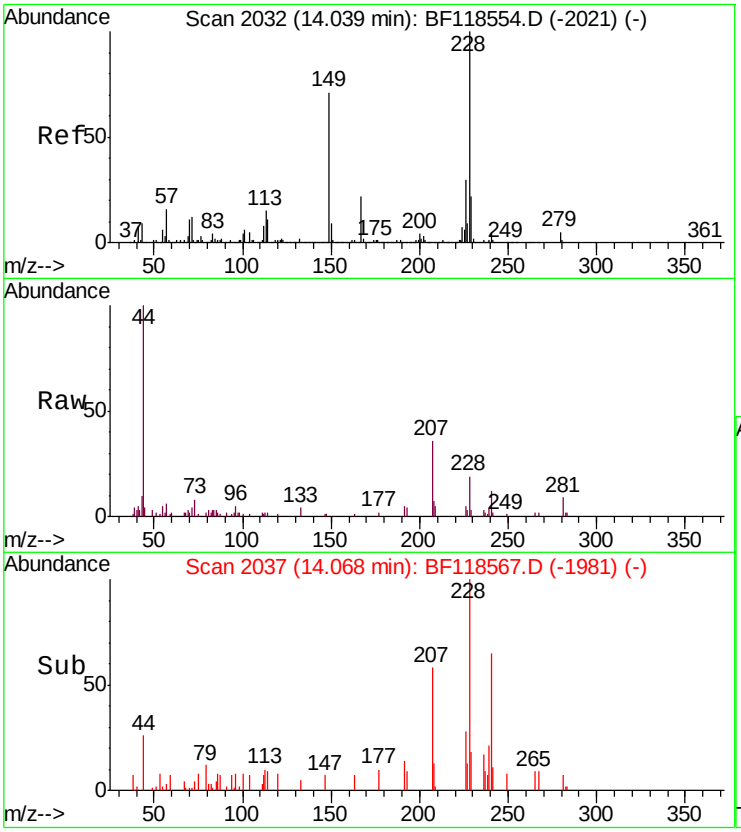




#80
Butylbenzylphthalate
Concen: 0.050 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:149 Resp: 1558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 80.5 | 55.5 | 83.3 |
| 206 | 17.3 | 20.7 | 31.1# |



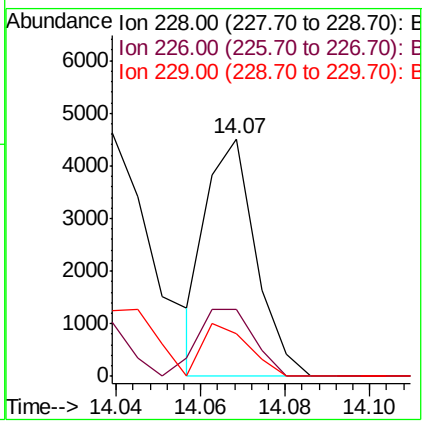


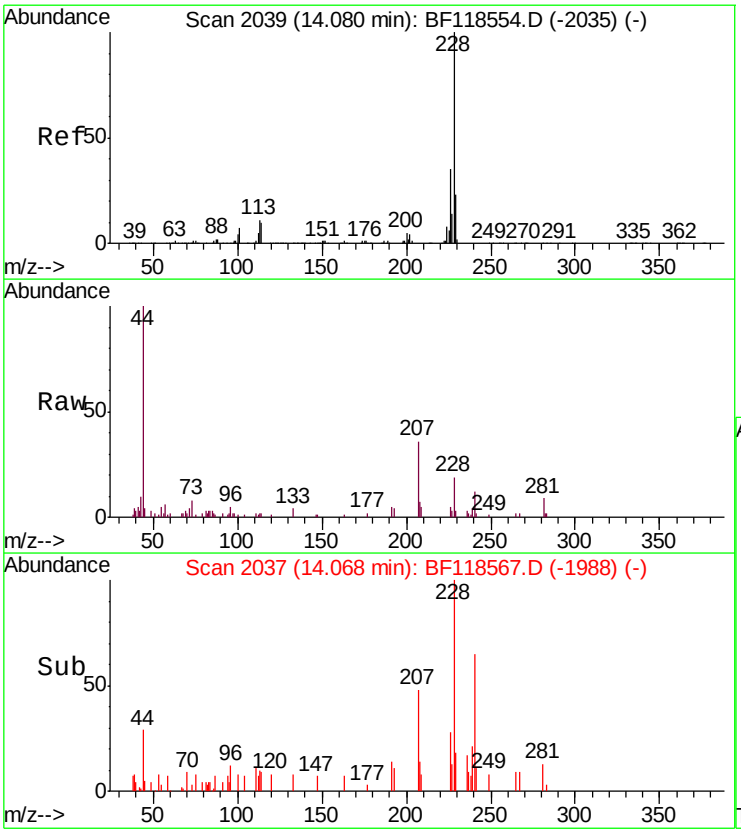

#81
Benzo(a)anthracene
Concen: 0.059 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:228 Resp: 3666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 23.7 | 35.5 |
| 229 | 17.9 | 17.3 | 25.9 |

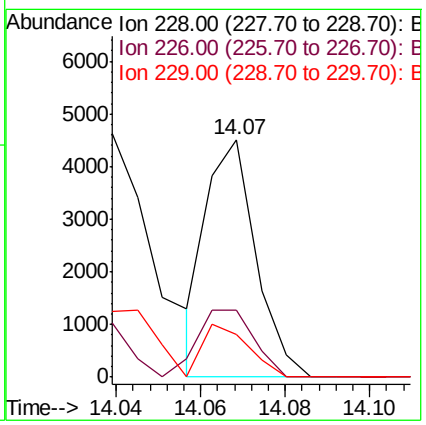


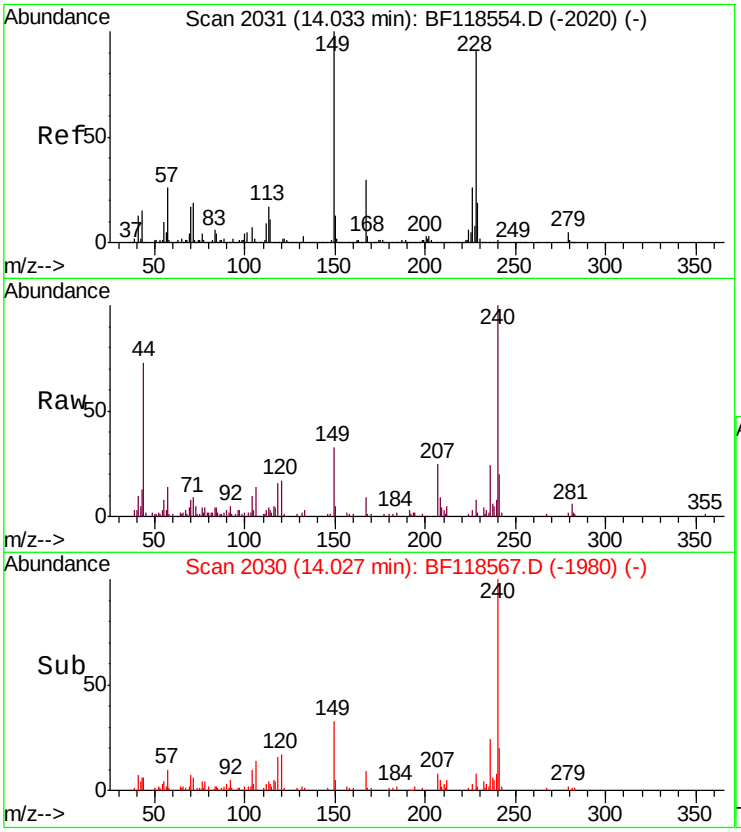




#83
Chrysene
Concen: 0.061 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:228 Resp: 3666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 28.2 | 42.2 |
| 229 | 17.9 | 18.2 | 27.2# |



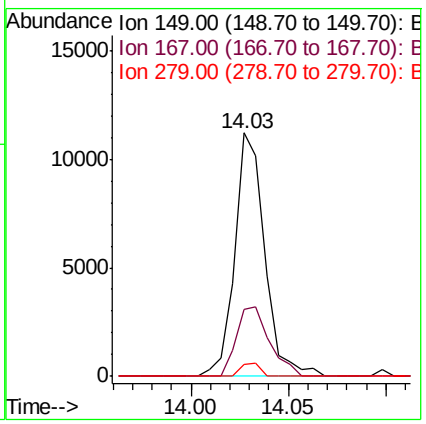


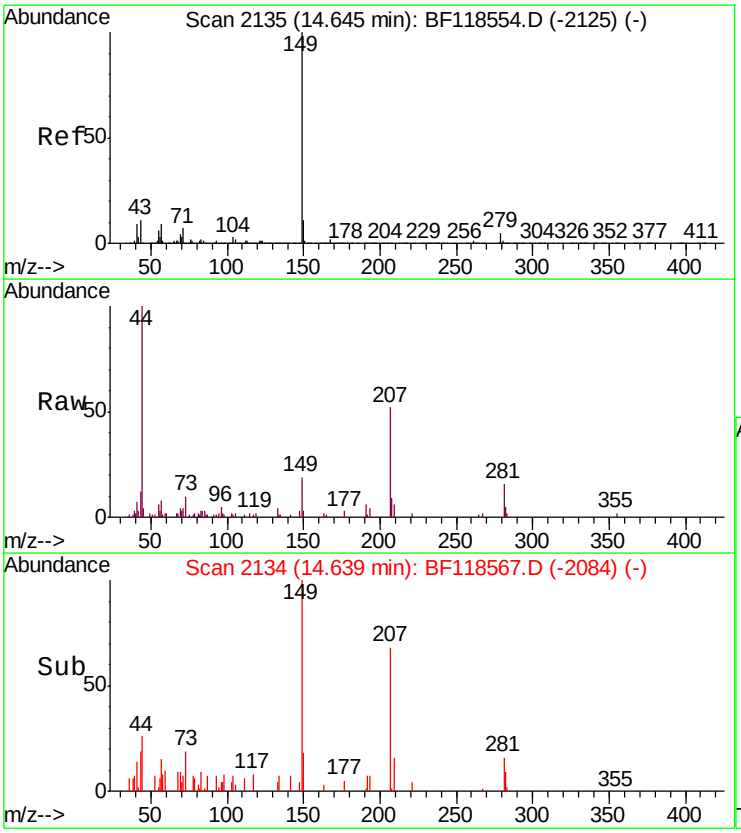

#84
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:149 Resp: 11904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 23.9 | 35.9 |
| 279 | 4.7 | 4.2 | 6.2 |

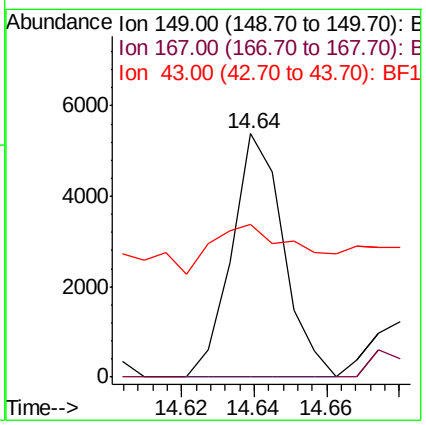


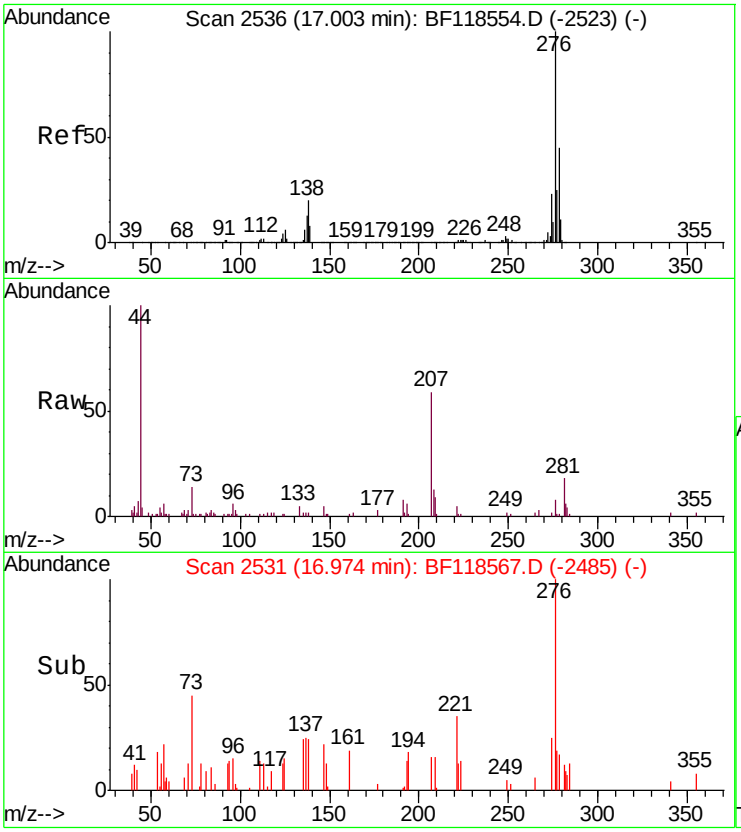




#85
Di-n-octyl phthalate
Concen: 0.089 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:149 Resp: 5340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.4 | 2.2# |
| 43 | 34.0 | 8.9 | 13.3# |



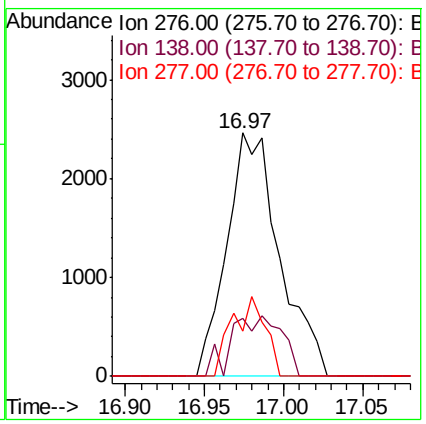


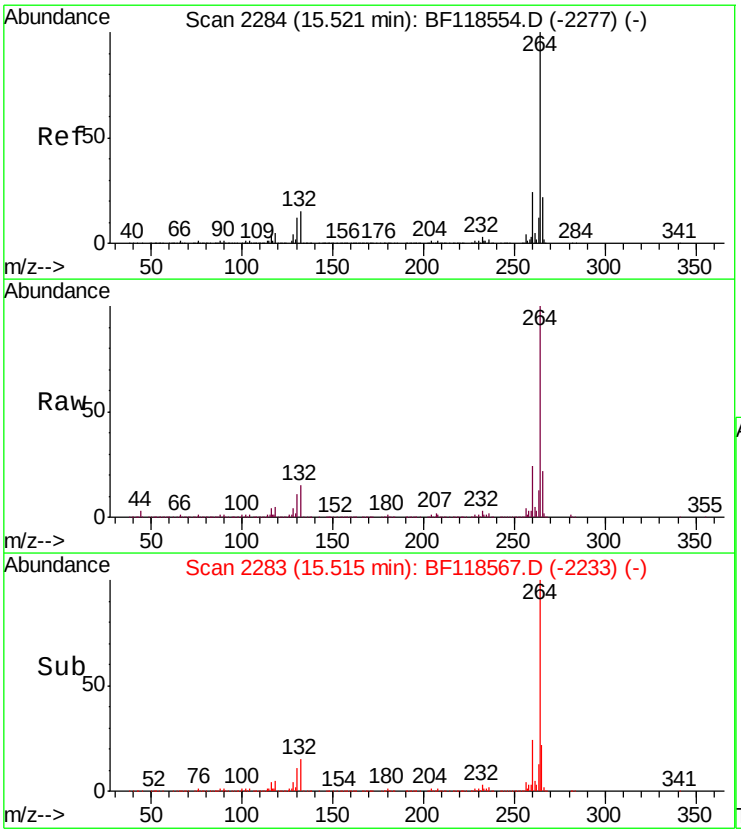

#86
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:276 Resp: 5690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 11.7 | 17.3 | 25.9# |
| 277 | 20.4 | 20.5 | 30.7# |

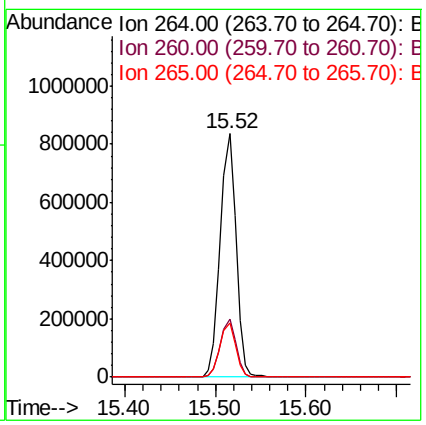


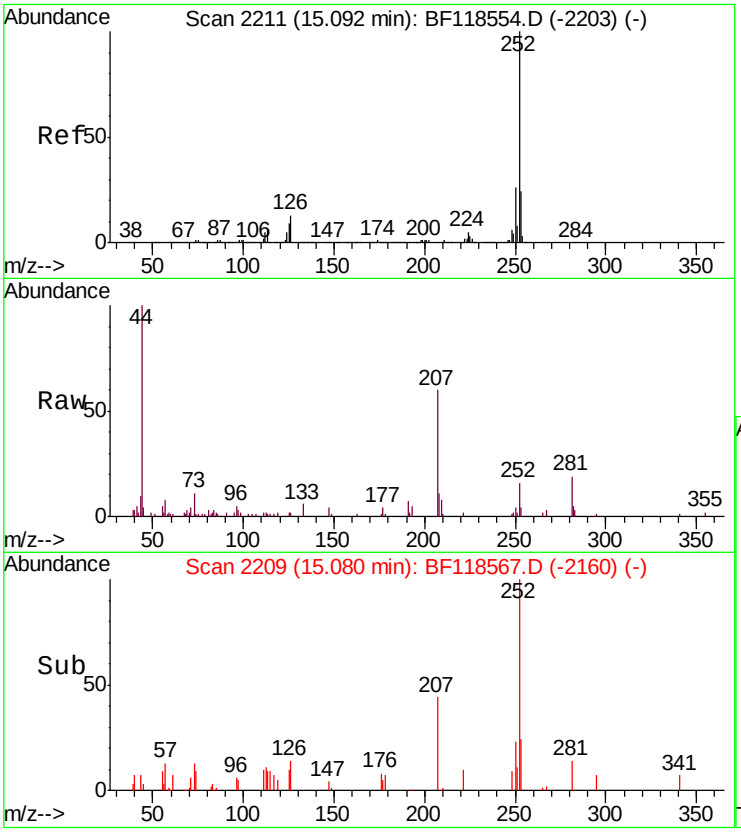




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:264 Resp: 1013849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.0 | 28.6 |
| 265 | 22.1 | 17.6 | 26.4 |



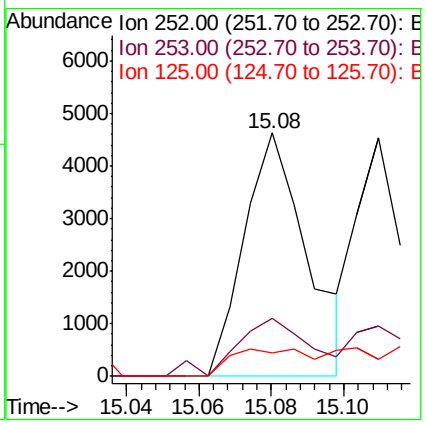


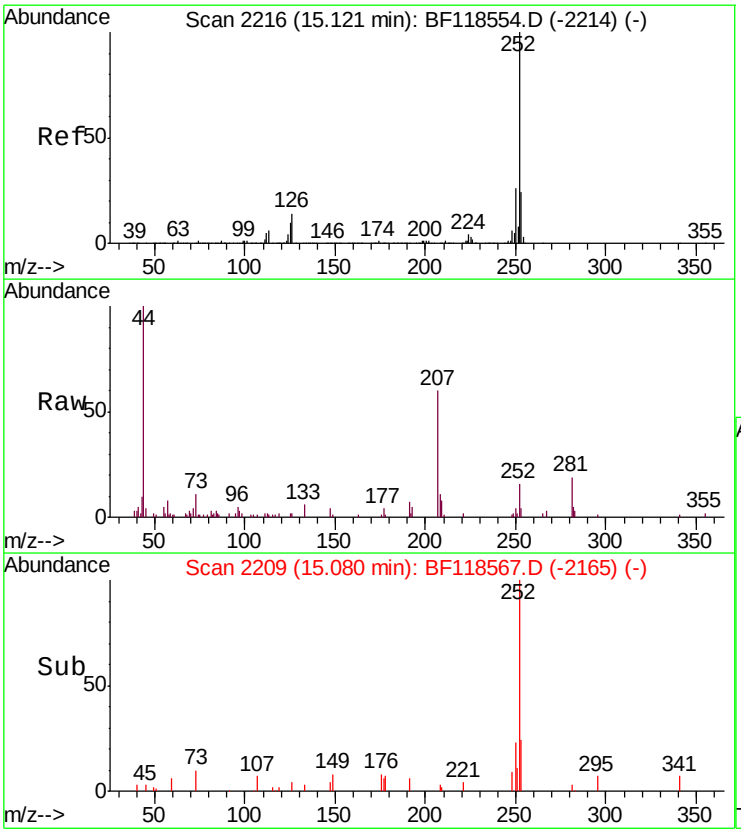

#88
Benzo(b)fluoranthene
Concen: 0.084 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:252 Resp: 5553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 19.1 | 28.7 |
| 125 | 9.9 | 7.5 | 11.3 |

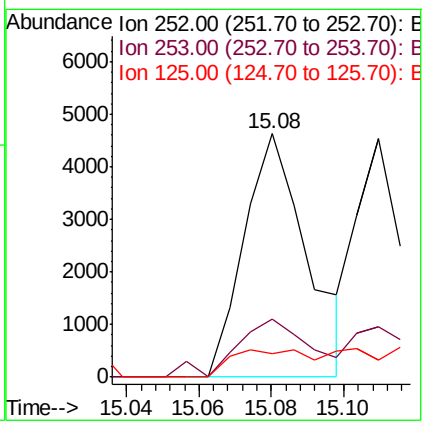


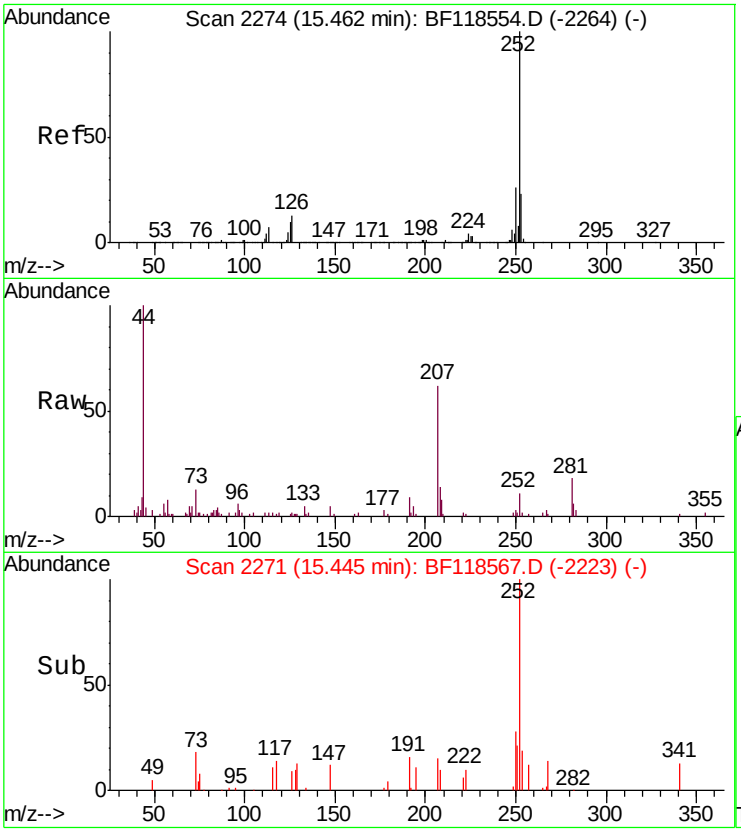




#89
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:252 Resp: 5553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 19.0 | 28.4 |
| 125 | 9.9 | 7.8 | 11.8 |



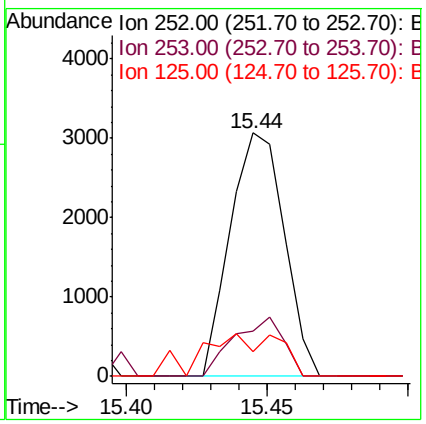


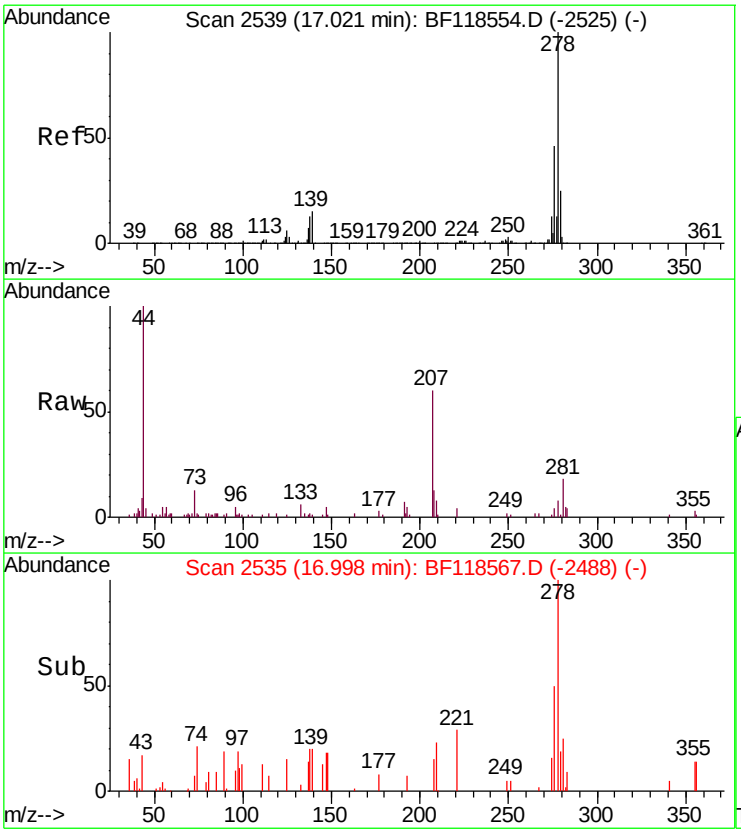

#90
Benzo(a)pyrene
Concen: 0.071 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:252 Resp: 4079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 18.8 | 18.3 | 27.5 |
| 125 | 10.1 | 7.8 | 11.6 |

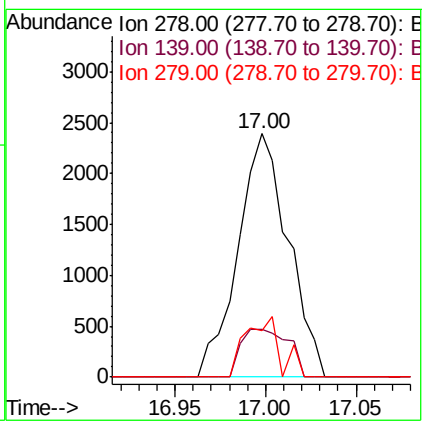


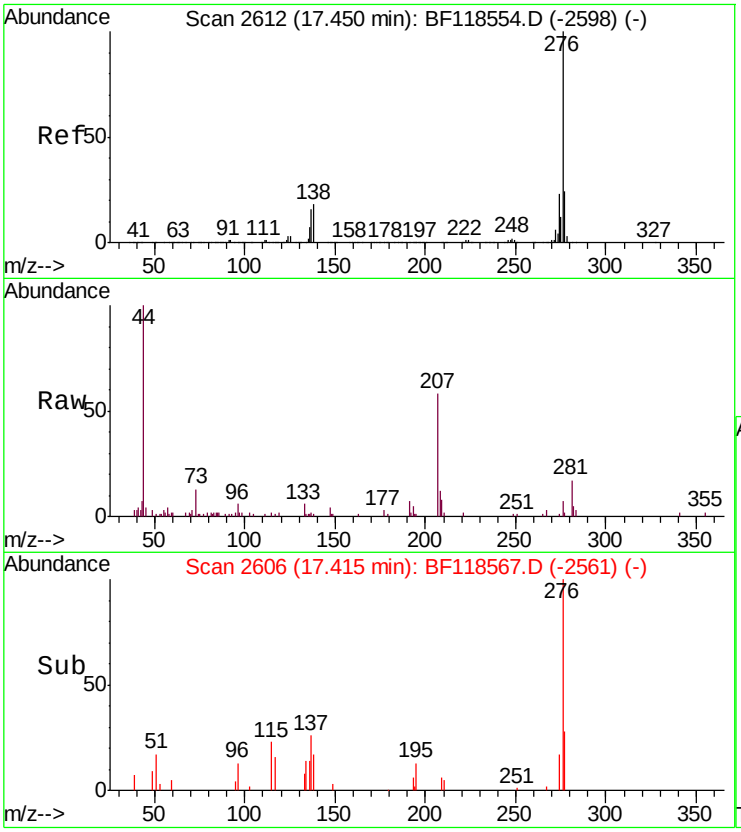




#91
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:278 Resp: 4617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.8 | 11.7 | 17.5# |
| 279 | 18.9 | 20.0 | 30.0# |






#92
Benzo(g,h,i)perylene
Concen: 0.095 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

**Instrument :**
BNA_F
**ClientSampleId :**
HR-05-011420

Tgt Ion:276 Resp: 4910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 27.8 | 19.1 | 28.7 |
| 138 | 17.3 | 14.7 | 22.1 |