Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099349.D
Acq On : 11 Oct 2017 17:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 12 00:48:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 100719 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 423643 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 195903 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 353390 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 251715 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.48 | 264 | 203820 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 543728 | 85.94 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 655730 | 84.01 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 540548 | 81.83 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 139032 | 86.73 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.21 | 172 | 1009409 | 86.02 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.96 | 244 | 972711 | 87.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.63 | 88 | 119717 | 39.611 | ng | | 95 |
| 3) Pyridine | 3.40 | 79 | 311343 | 38.080 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.36 | 42 | 119642 | 34.509 | ng | | 83 |
| 6) Aniline | 6.52 | 93 | 428386 | 40.667 | ng | | 97 |
| 8) 2-Chlorophenol | 6.64 | 128 | 304555 | 42.506 | ng | | 94 |
| 9) Benzaldehyde | 6.41 | 77 | 162808 | 35.960 | ng | | 93 |
| 10) Phenol | 6.50 | 94 | 385778 | 44.195 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 275233 | 40.559 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 322320 | 42.954 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 324877 | 42.553 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.02 | 146 | 303242 | 42.986 | ng | | 99 |
| 15) Benzyl Alcohol | 7.00 | 79 | 218596 | 38.177 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 383267 | 36.251 | ng | | 96 |
| 17) 2-Methylphenol | 7.10 | 107 | 243744 | 41.576 | ng | | 97 |
| 18) Hexachloroethane | 7.36 | 117 | 110647 | 40.321 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70 | 183601 | 36.844 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.26 | 107 | 290268 | 39.137 | ng | # | 87 |
| 22) Acetophenone | 7.27 | 105 | 395013 | 38.485 | ng | # | 95 |
| 24) Nitrobenzene | 7.44 | 77 | 297581 | 39.711 | ng | | 94 |
| 25) Isophorone | 7.67 | 82 | 524732 | 38.420 | ng | | 99 |
| 26) 2-Nitrophenol | 7.75 | 139 | 169924 | 47.155 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.79 | 122 | 263459 | 38.714 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 338594 | 39.781 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 247666 | 42.388 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.07 | 180 | 253344 | 43.353 | ng | | 98 |
| 31) Naphthalene | 8.16 | 128 | 826885 | 41.558 | ng | | 100 |
| 32) Benzoic acid | 7.92 | 122 | 181021 | 32.383 | ng | | 96 |
| 33) 4-Chloroaniline | 8.21 | 127 | 349554 | 42.070 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 129487 | 43.019 | ng | | 98 |
| 35) Caprolactam | 8.59 | 113 | 78250 | 41.750 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 266118 | 40.522 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 540606 | 41.795 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 248374 | 42.512 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.00 | 237 | 106463 | 39.874 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
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Acq On : 11 Oct 2017 17:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 12 00:48:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

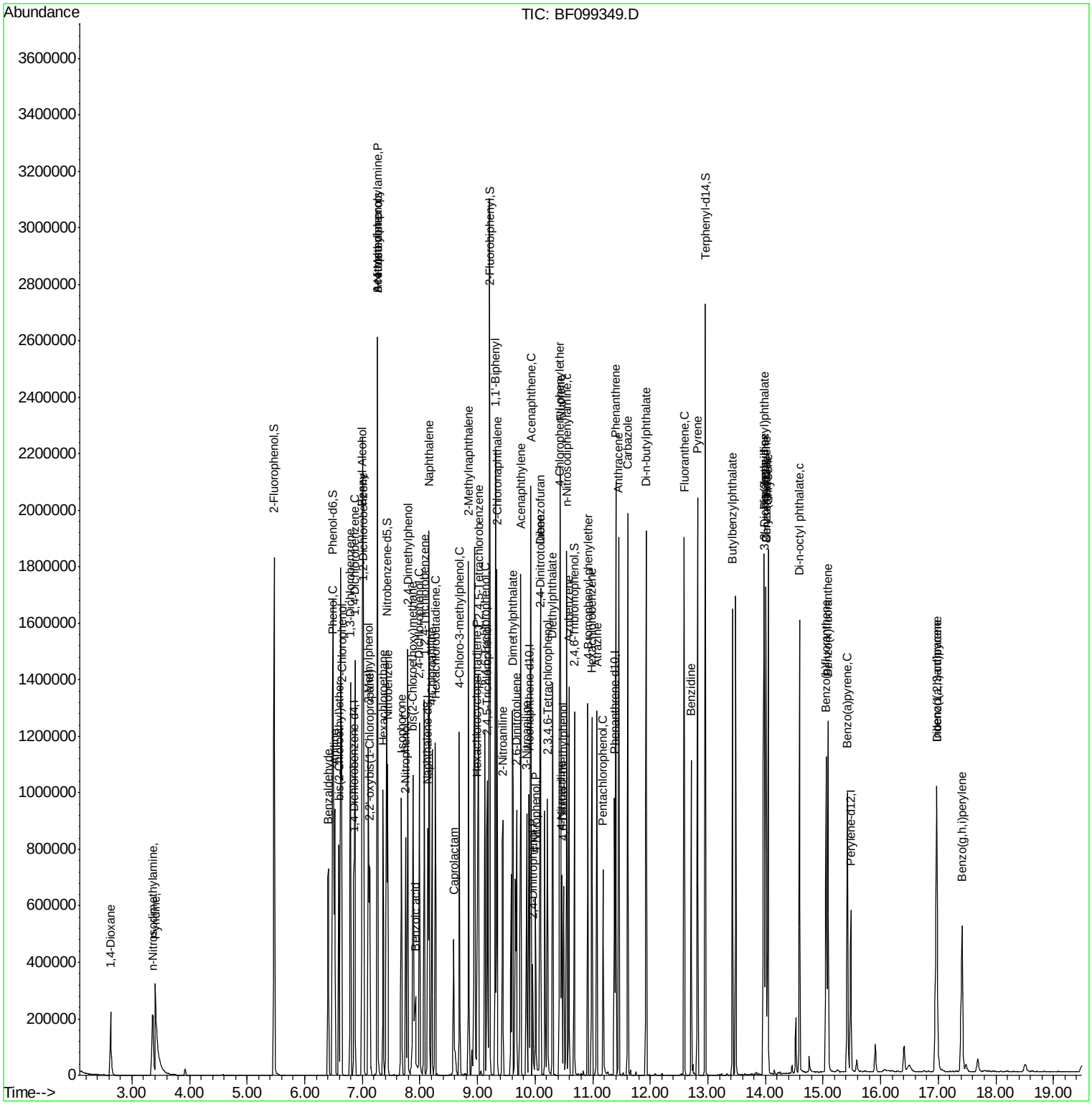
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.13 | 196 | 167582 | 40.489 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.17 | 196 | 171324 | 41.466 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.31 | 154 | 704779 | 41.860 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.34 | 162 | 532099 | 42.092 | ng | | 97 |
| 47) 2-Nitroaniline | 9.44 | 65 | 152278 | 39.340 | ng | # | 84 |
| 48) Acenaphthylene | 9.75 | 152 | 810835 | 41.900 | ng | | 99 |
| 49) Dimethylphthalate | 9.61 | 163 | 624126 | 42.212 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.68 | 165 | 142556 | 44.287 | ng | # | 79 |
| 51) Acenaphthene | 9.93 | 154 | 471945 | 38.500 | ng | | 99 |
| 52) 3-Nitroaniline | 9.85 | 138 | 164707 | 43.883 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 9.96 | 184 | 53520 | 35.437 | ng | | 99 |
| 54) Dibenzofuran | 10.10 | 168 | 674584 | 41.331 | ng | | 98 |
| 55) 4-Nitrophenol | 10.01 | 139 | 109110 | 34.380 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 183287 | 43.874 | ng | | 87 |
| 57) Fluorene | 10.44 | 166 | 554884 | 42.297 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 115676 | 40.529 | ng | | 96 |
| 59) Diethylphthalate | 10.31 | 149 | 586389 | 40.587 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 248767 | 42.215 | ng | | 96 |
| 61) 4-Nitroaniline | 10.47 | 138 | 165314 | 45.654 | ng | | 84 |
| 62) Azobenzene | 10.59 | 77 | 500471 | 37.674 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 95158 | 44.257 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.55 | 169 | 495751 | 40.494 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.92 | 248 | 145155 | 41.963 | ng | | 97 |
| 67) Hexachlorobenzene | 10.99 | 284 | 155649 | 42.130 | ng | | 98 |
| 68) Atrazine | 11.07 | 200 | 151803 | 41.213 | ng | | 99 |
| 69) Pentachlorophenol | 11.18 | 266 | 79147 | 34.422 | ng | | 98 |
| 70) Phenanthrene | 11.40 | 178 | 779959 | 41.233 | ng | | 99 |
| 71) Anthracene | 11.46 | 178 | 798577 | 41.260 | ng | | 99 |
| 72) Carbazole | 11.61 | 167 | 786451 | 41.494 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.93 | 149 | 918147 | 40.246 | ng | | 99 |
| 74) Fluoranthene | 12.59 | 202 | 792010 | 41.348 | ng | | 97 |
| 76) Benzidine | 12.71 | 184 | 387096 | 41.578 | ng | | 99 |
| 77) Pyrene | 12.82 | 202 | 818518 | 42.644 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.43 | 149 | 381908 | 42.336 | ng | | 93 |
| 80) Benzo(a)anthracene | 14.01 | 228 | 647151 | 42.458 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.97 | 252 | 232129 | 41.544 | ng | | 97 |
| 82) Chrysene | 14.04 | 228 | 619351 | 42.681 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149 | 511891 | 41.211 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.59 | 149 | 823867 | 41.192 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.97 | 276 | 477500 | 41.136 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.06 | 252 | 535602 | 42.740 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.09 | 252 | 510371 | 41.234 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.42 | 252 | 484573 | 42.125 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.98 | 278 | 387049 | 42.043 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.42 | 276 | 397590 | 43.692 | ng | | 97 |

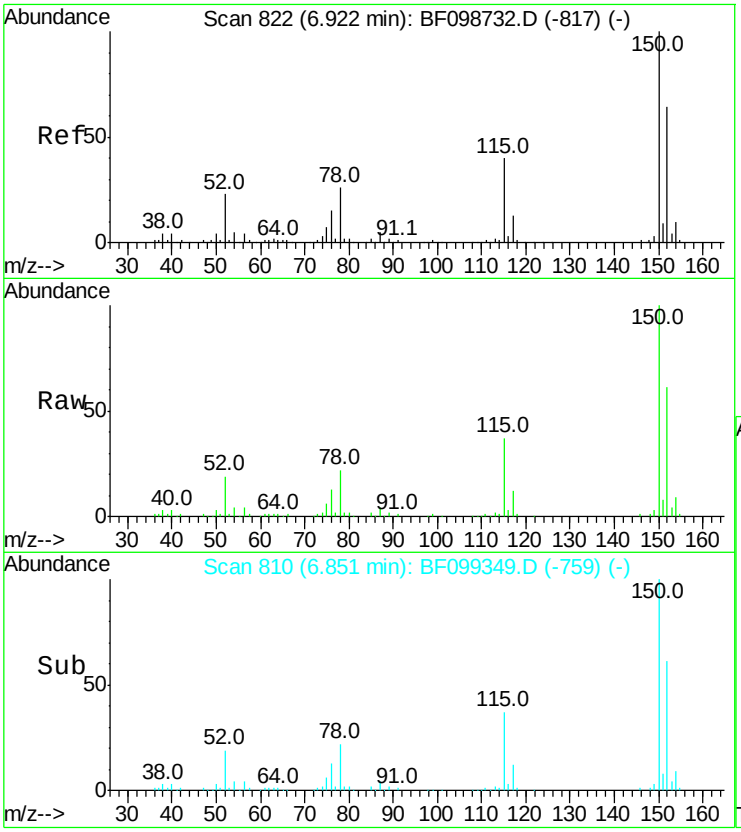
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099349.D
Acq On : 11 Oct 2017 17:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Oct 12 00:48:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



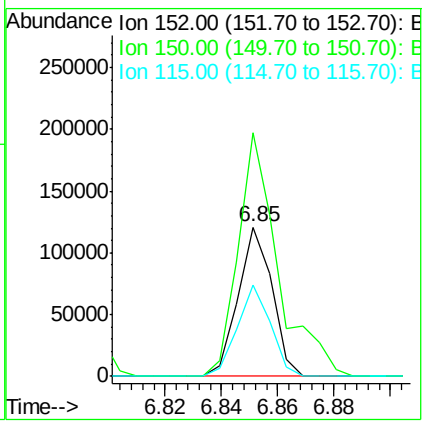


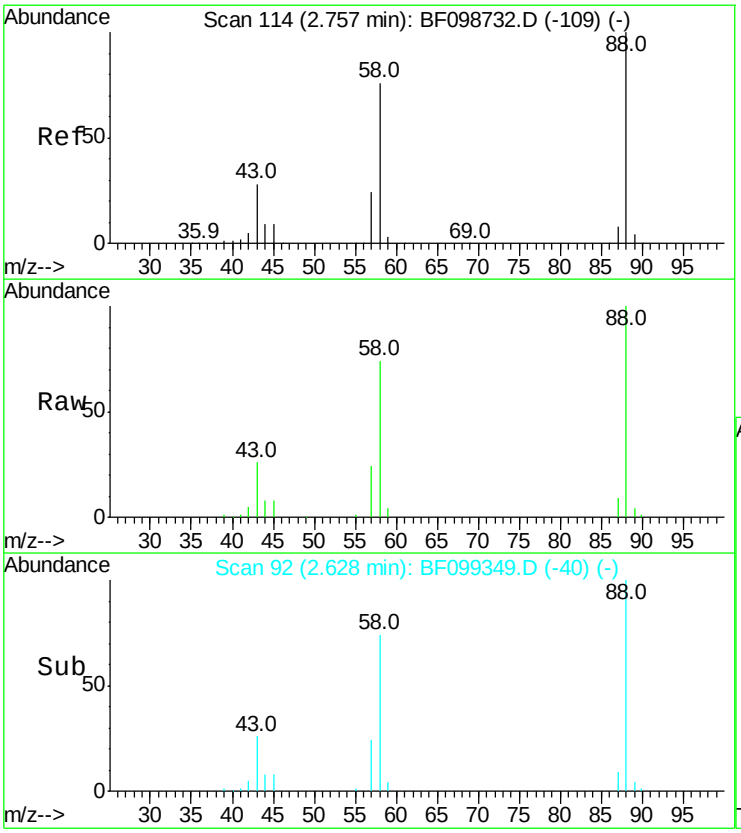

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 100719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.4 | 124.6 | 186.8 |
| 115 | 60.9 | 50.1 | 75.1 |

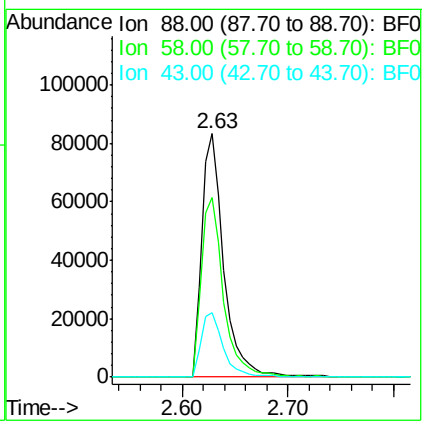


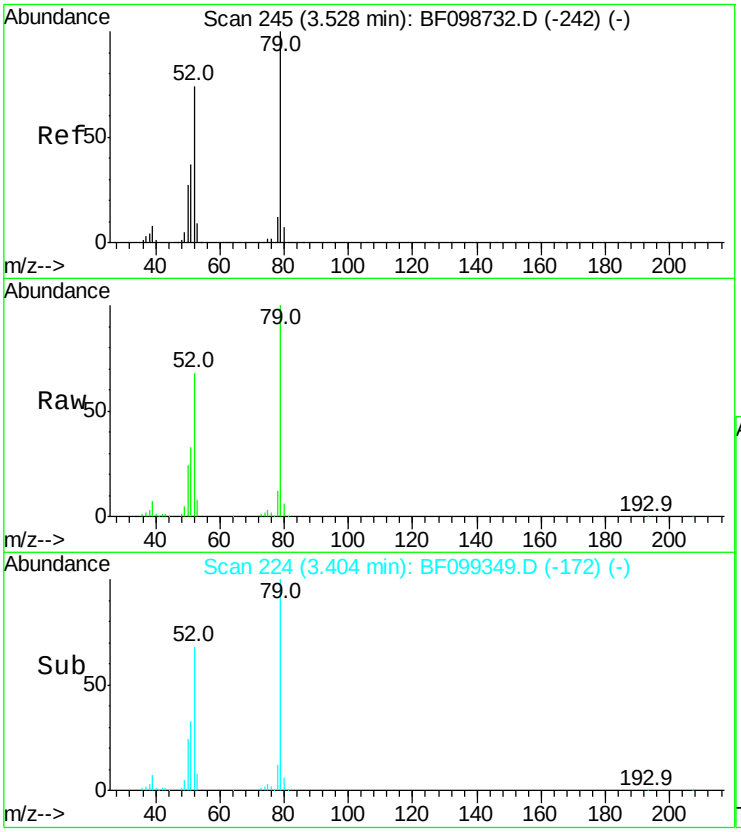




#2
1,4-Dioxane
Concen: 39.611 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 88 Resp: 119717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 74.6 | 62.6 | 93.8 |
| 43 | 26.7 | 24.6 | 37.0 |



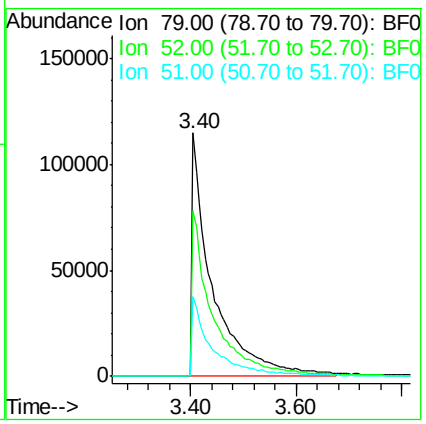


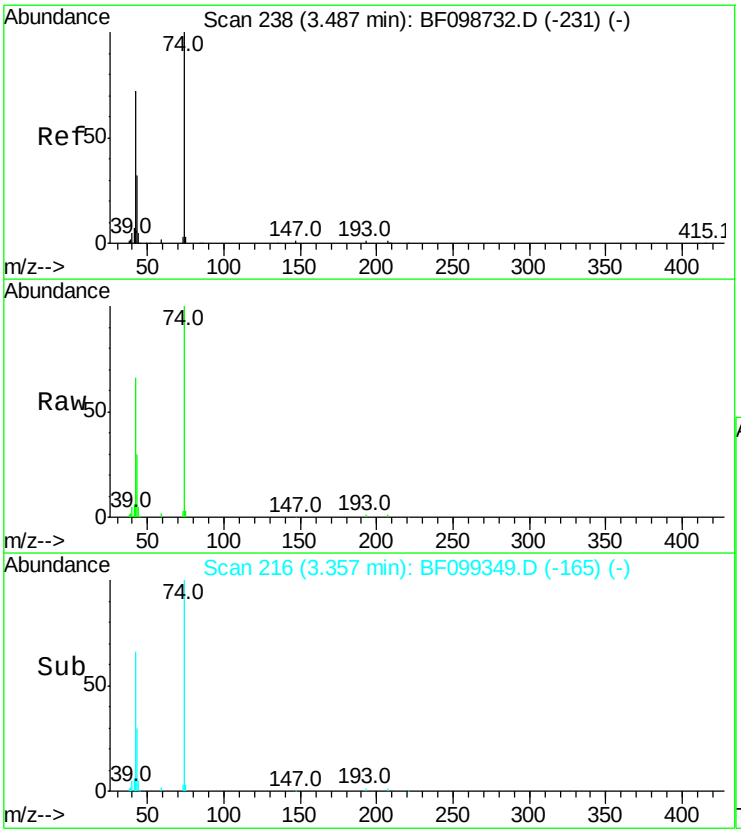

#3
Pyridine
Concen: 38.080 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 311343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 68.1 | 59.8 | 89.6 |
| 51 | 32.7 | 29.8 | 44.8 |

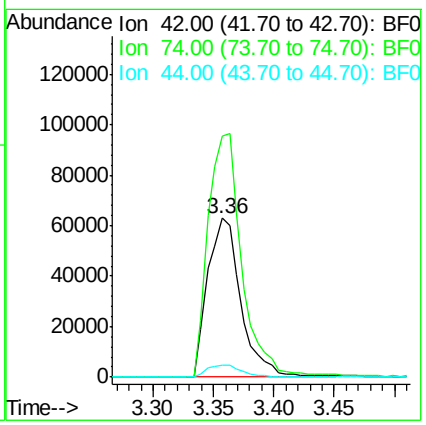


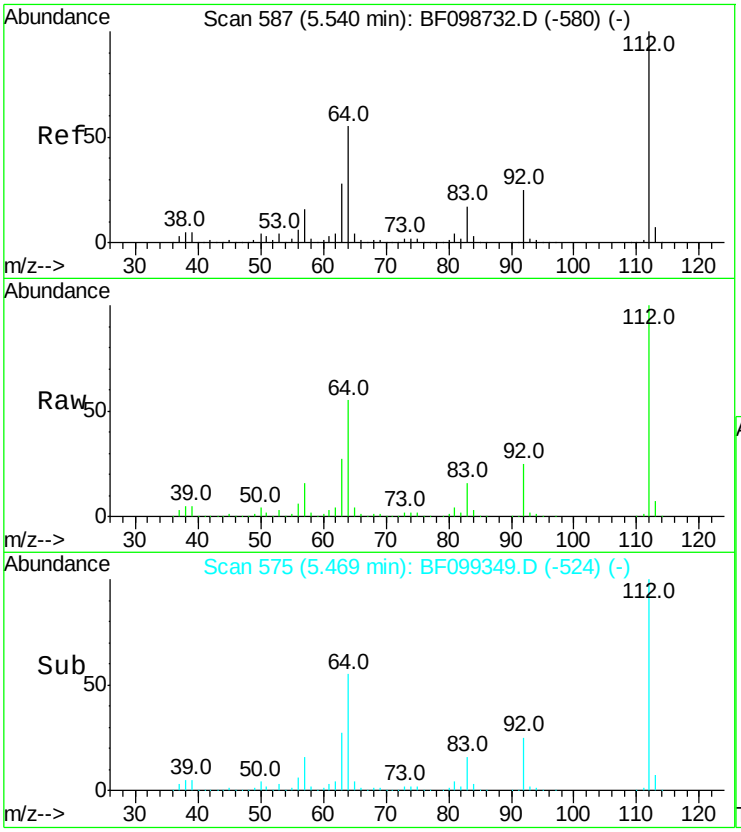




#4
n-Nitrosodimethylamine
Concen: 34.509 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 42 Resp: 119642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 151.8 | 104.9 | 157.3 |
| 44 | 7.2 | 6.9 | 10.3 |



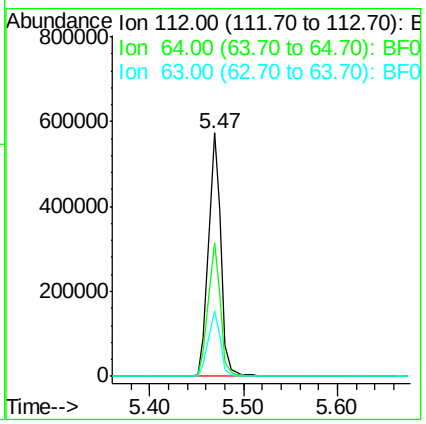


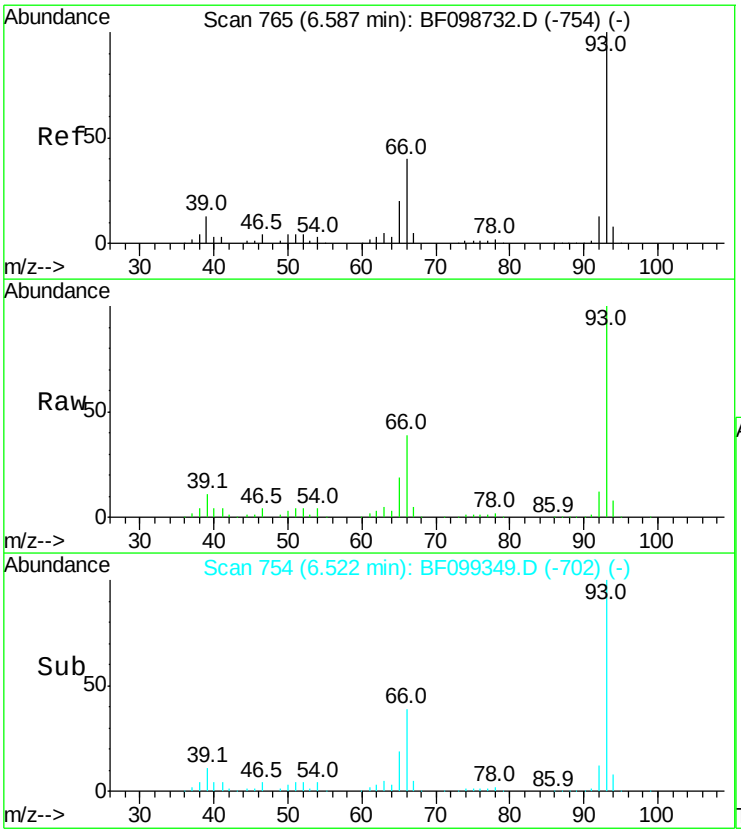

#5
2-Fluorophenol
Concen: 85.938 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 543728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.0 | 47.9 | 71.9 |
| 63 | 27.1 | 23.7 | 35.5 |

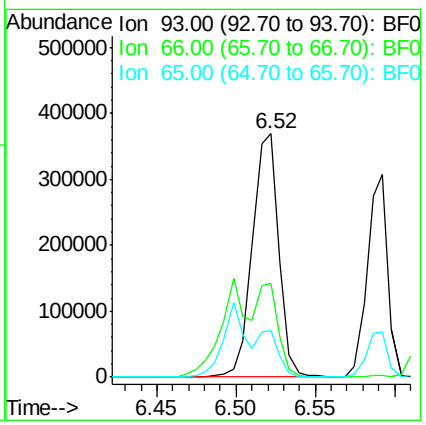


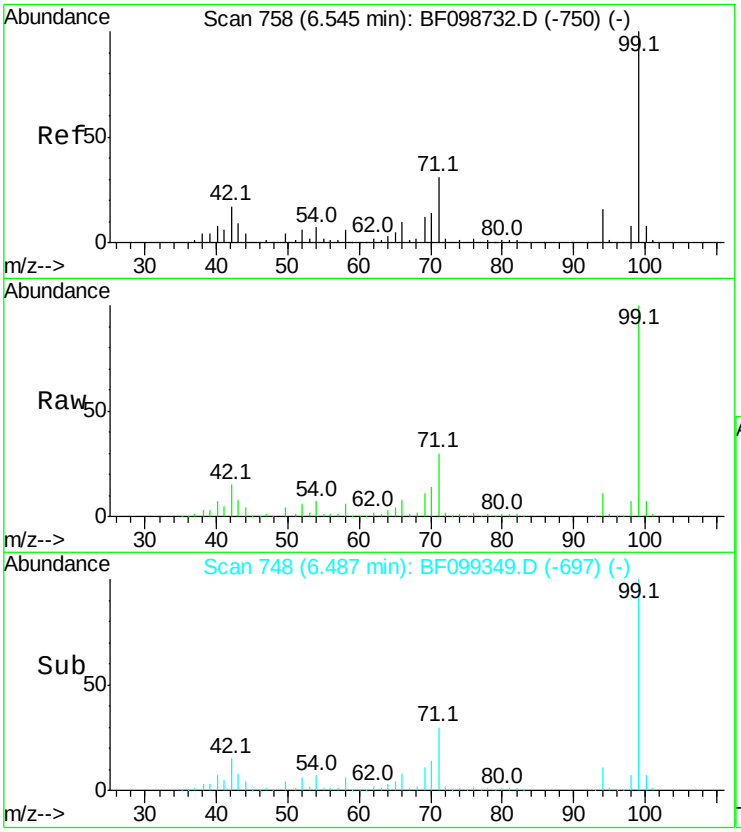




#6
Aniline
Concen: 40.667 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 93 Resp: 428386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.6 | 32.2 | 48.2 |
| 65 | 19.3 | 16.4 | 24.6 |



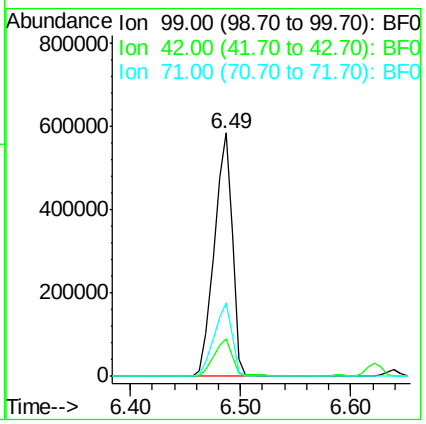


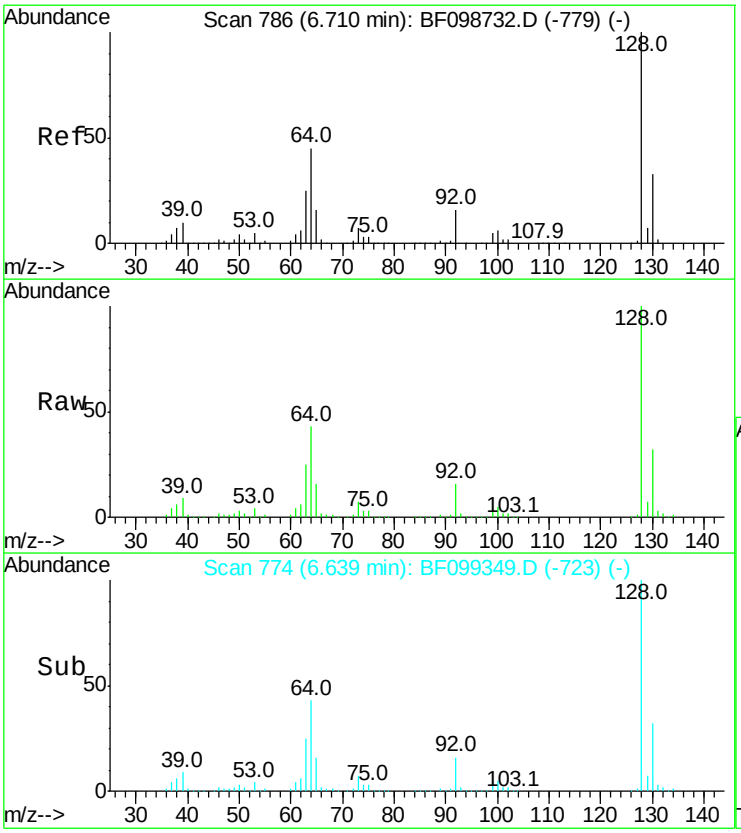

#7
Phenol-d6
Concen: 84.014 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 655730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.2 | 14.5 | 21.7 |
| 71 | 30.0 | 25.4 | 38.0 |

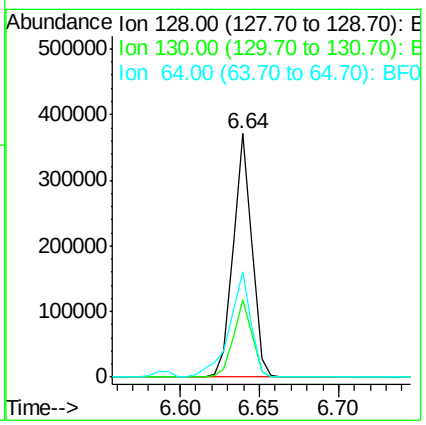


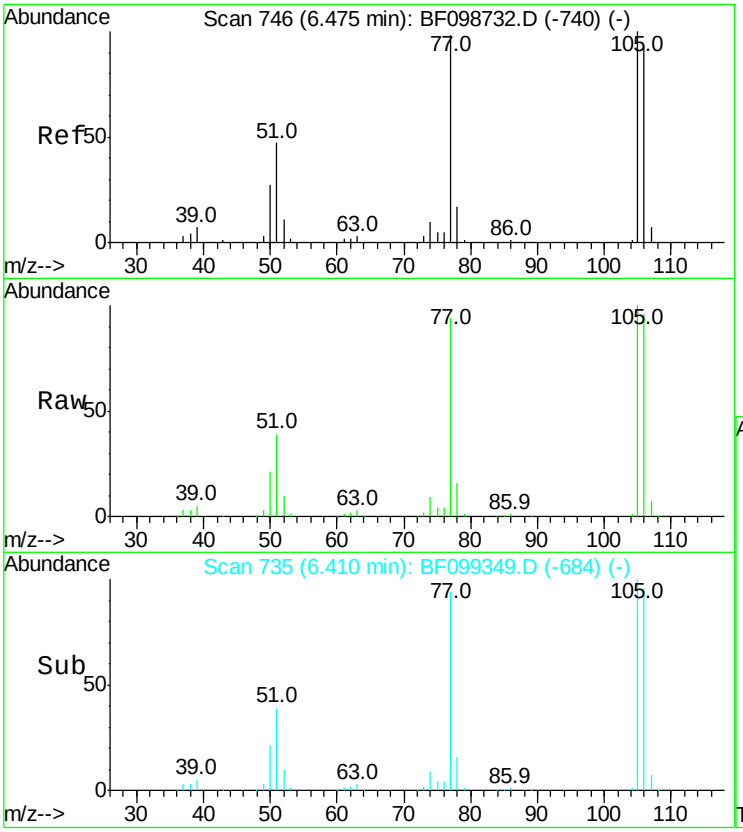




#8
2-Chlorophenol
Concen: 42.506 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:128 Resp: 304555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.8 | 13.0 | 53.0 |
| 64 | 43.4 | 29.4 | 69.4 |



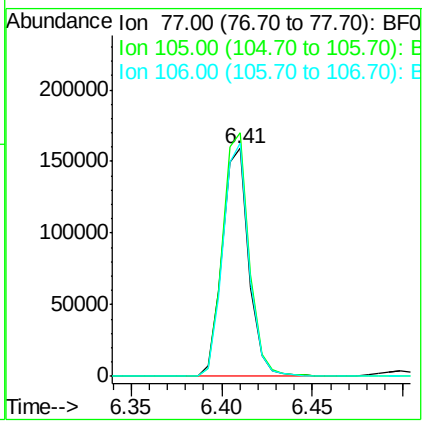


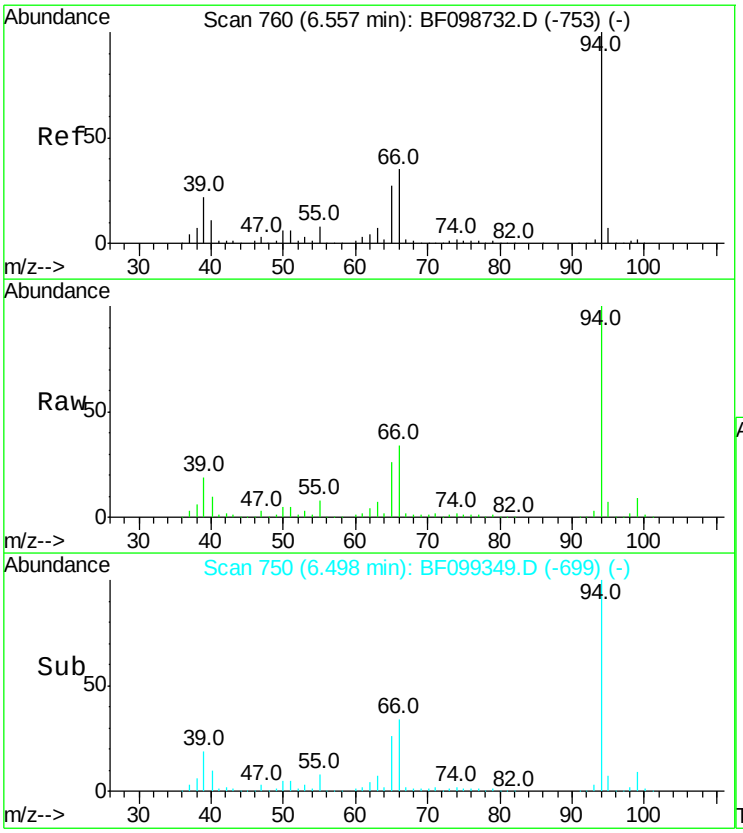

#9
Benzaldehyde
Concen: 35.960 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 162808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.7 | 81.1 | 121.1 |
| 106 | 102.1 | 74.5 | 114.5 |

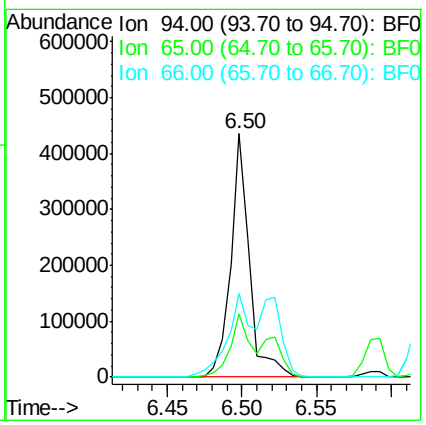


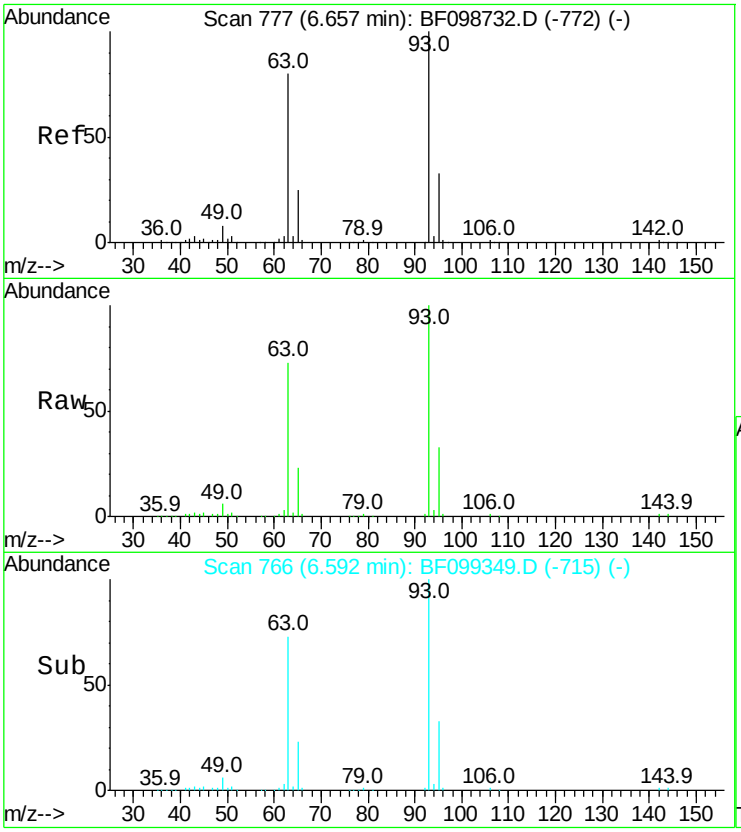




#10
Phenol
Concen: 44.195 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 94 Resp: 385778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.1 | 7.9 | 47.9 |
| 66 | 34.5 | 16.2 | 56.2 |



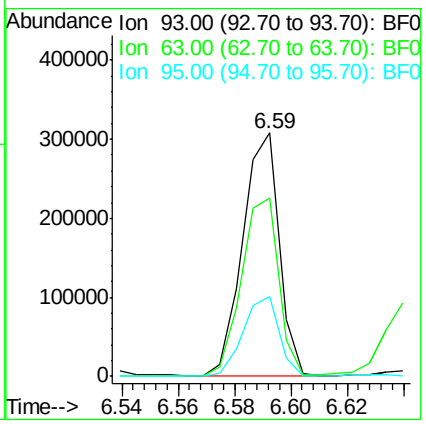


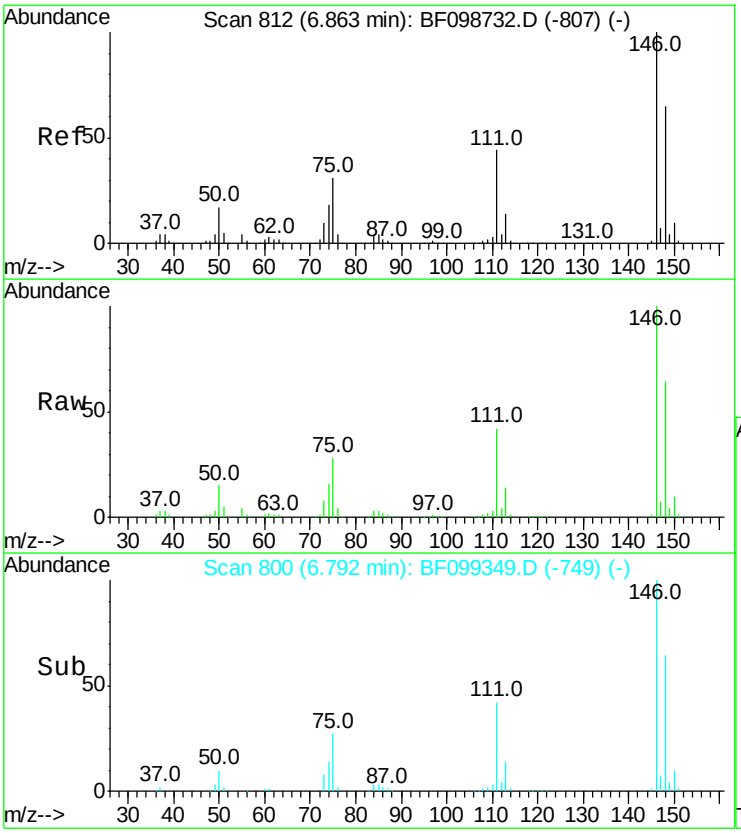

#11
bis(2-Chloroethyl)ether
Concen: 40.559 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 275233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.5 | 58.6 | 98.6 |
| 95 | 33.0 | 11.8 | 51.8 |

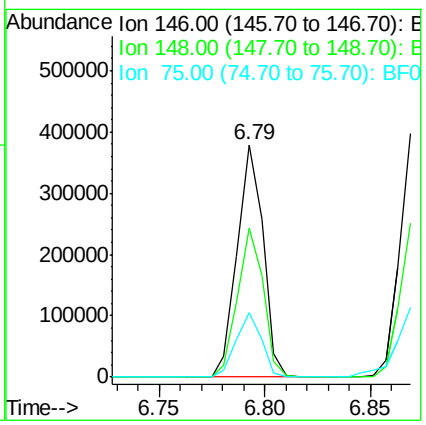


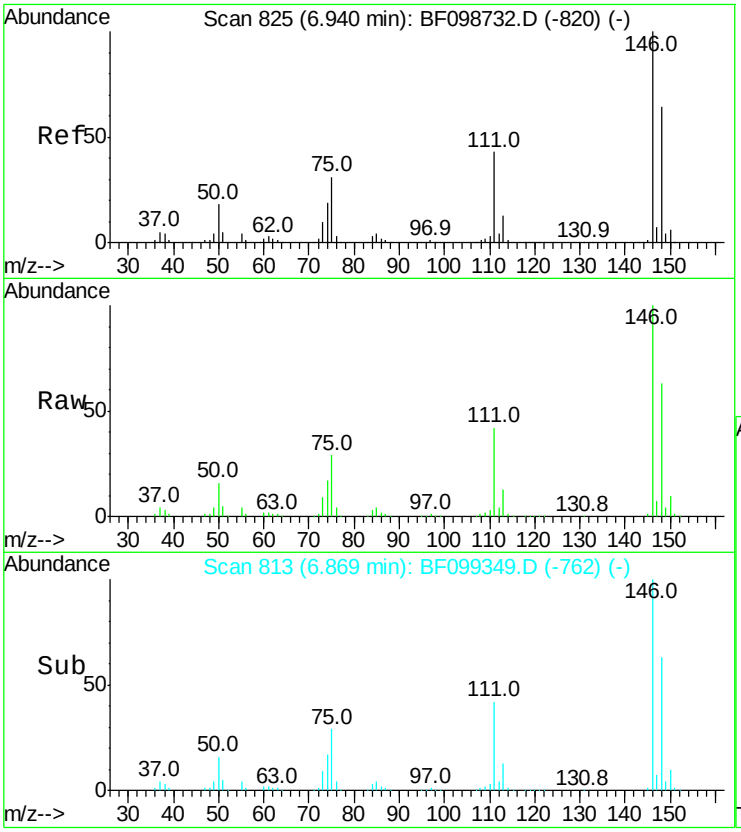




#12
1,3-Dichlorobenzene
Concen: 42.954 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:146 Resp: 322320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.8 | 77.8 |
| 75 | 28.0 | 24.2 | 36.4 |



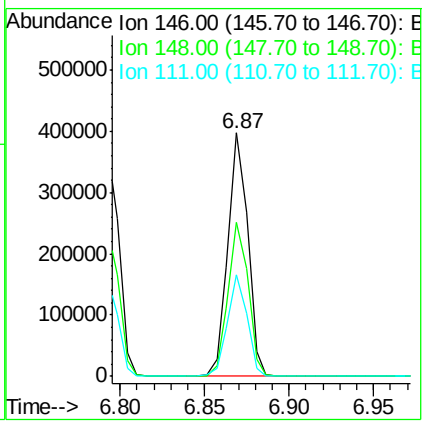


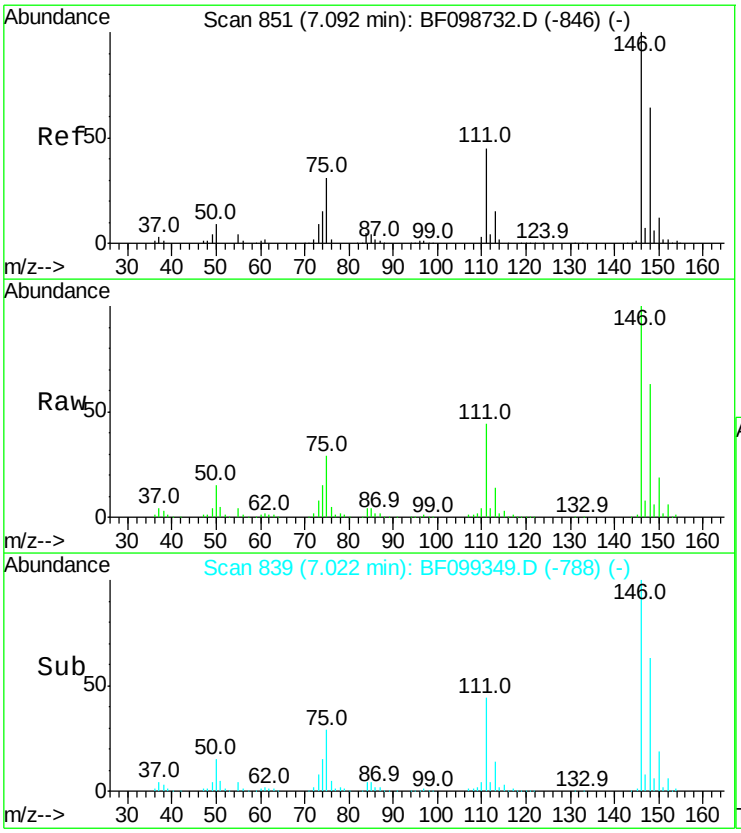

#13
1,4-Dichlorobenzene
Concen: 42.553 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 324877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.8 | 76.2 |
| 111 | 41.5 | 34.2 | 51.2 |

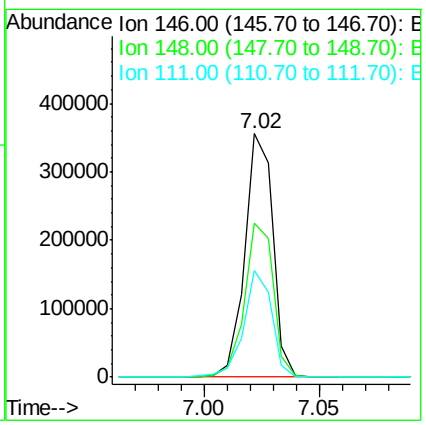


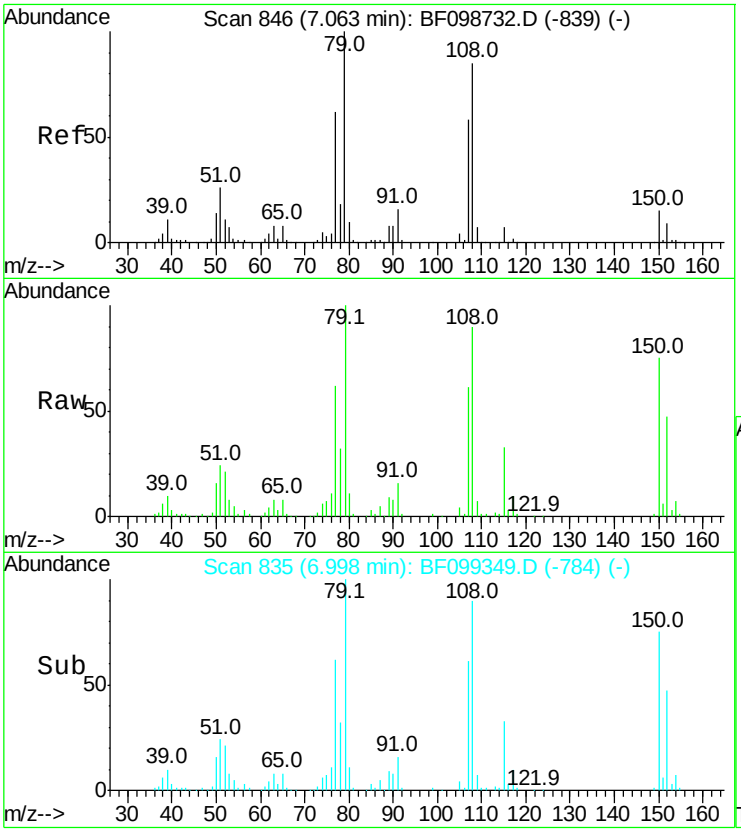




#14
1,2-Dichlorobenzene
Concen: 42.986 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:146 Resp: 303242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 75.8 |
| 111 | 43.6 | 36.0 | 54.0 |



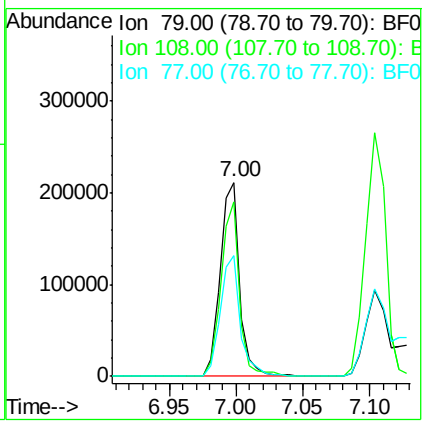


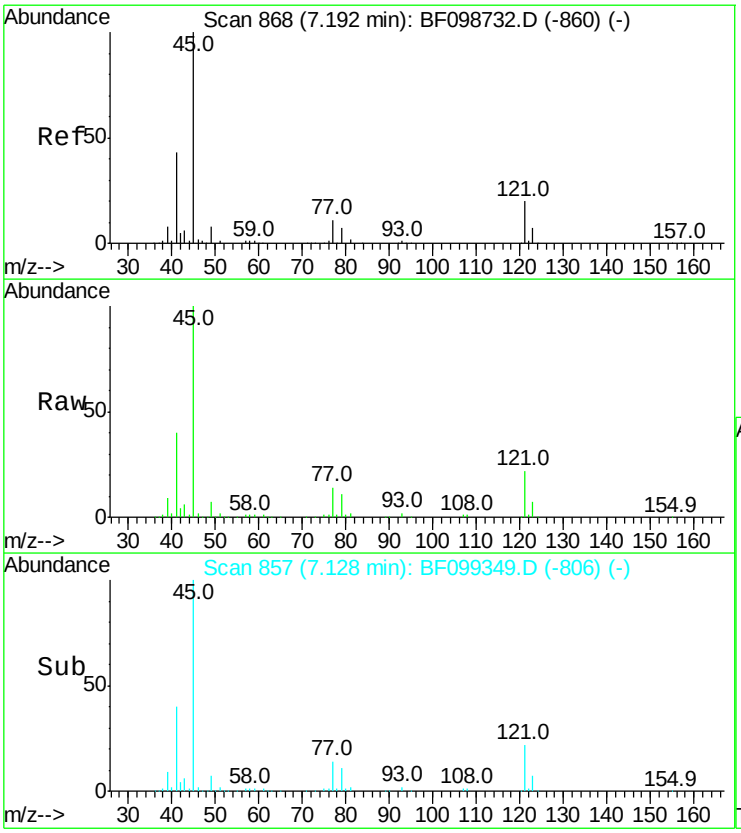

#15
Benzyl Alcohol
Concen: 38.177 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 218596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 89.9 | 65.1 | 97.7 |
| 77 | 62.2 | 50.6 | 75.8 |

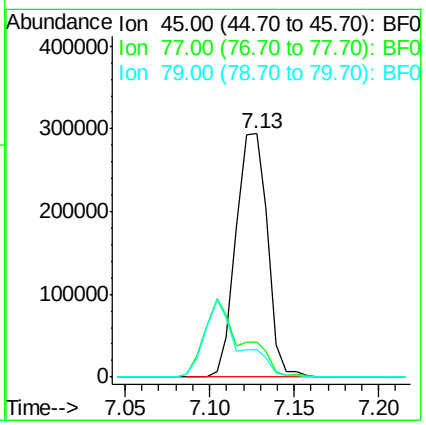


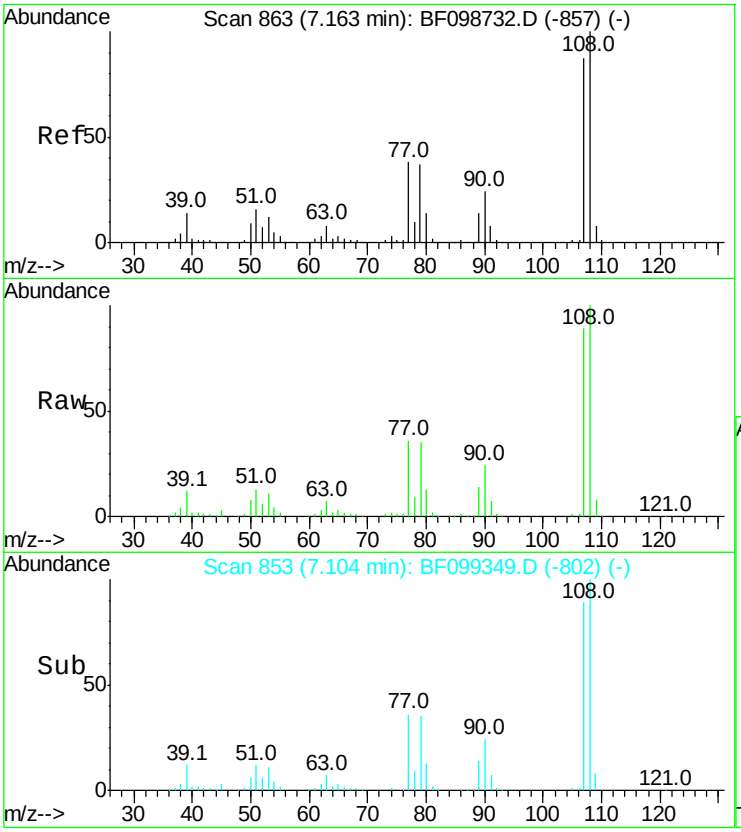




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.251 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 45 Resp: 383267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.5 | 0.0 | 32.9 |
| 79 | 11.4 | 0.0 | 29.6 |



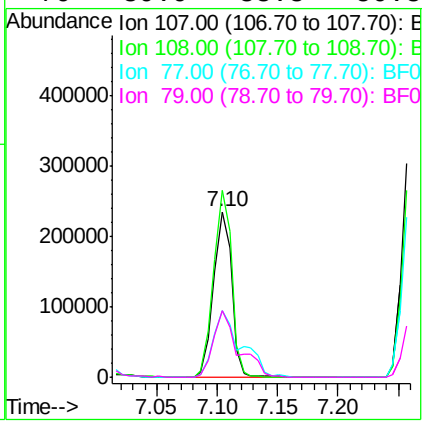


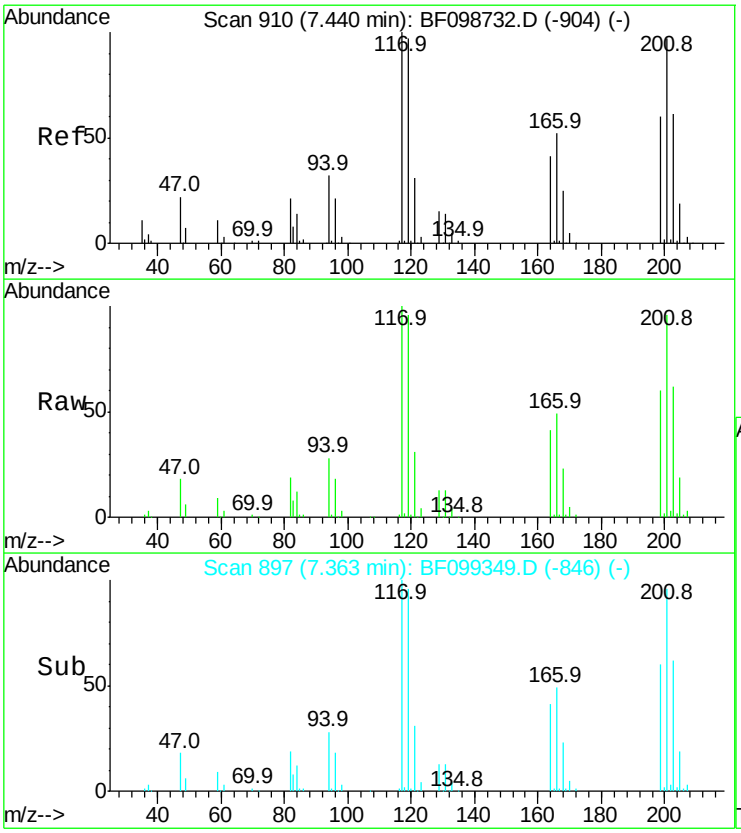

#17
2-Methylphenol
Concen: 41.576 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 243744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.6 | 91.7 | 137.5 |
| 77 | 40.3 | 33.8 | 50.8 |
| 79 | 39.9 | 33.8 | 50.8 |

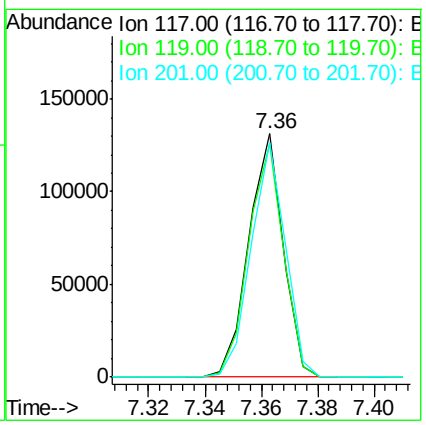


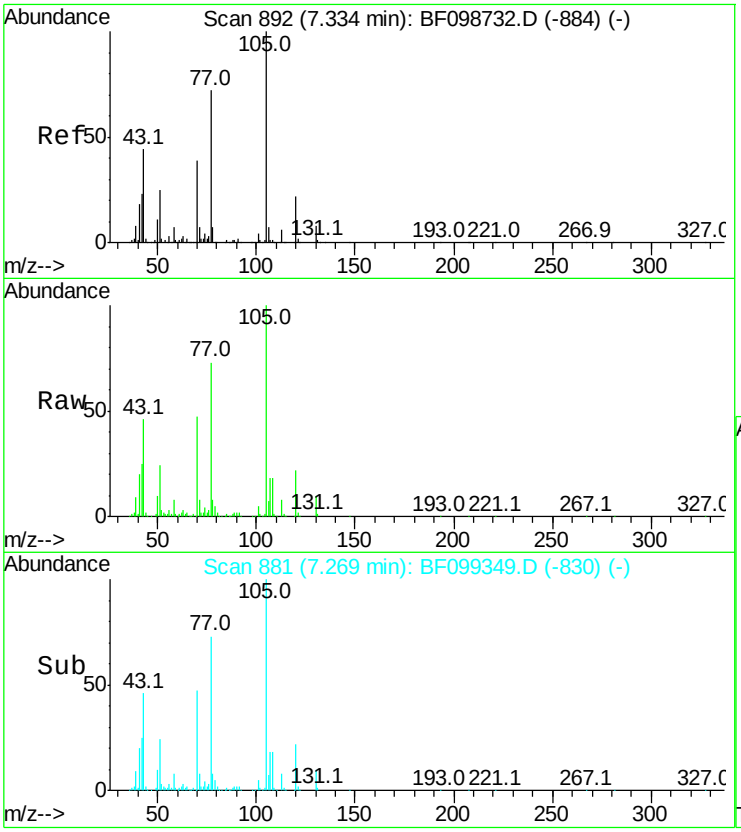




#18
Hexachloroethane
Concen: 40.321 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:117 Resp: 110647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.7 | 75.8 | 113.8 |
| 201 | 96.1 | 75.7 | 113.5 |



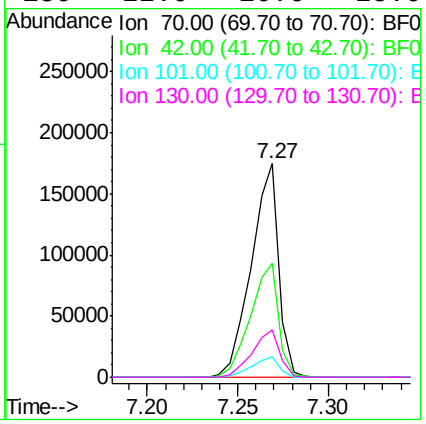


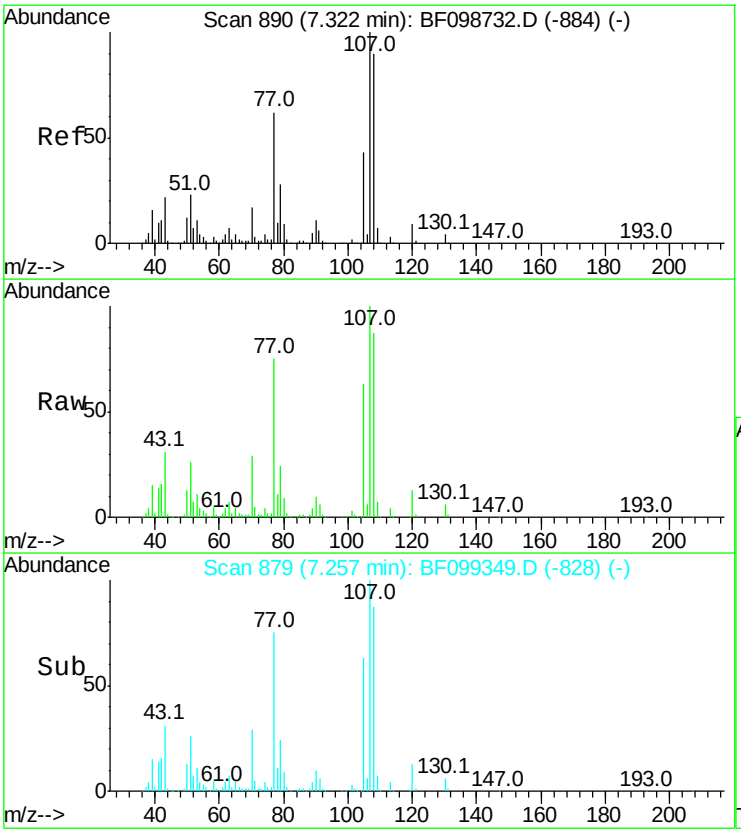

#19
n-Nitroso-di-n-propylamine
Concen: 36.844 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 183601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.2 | 47.5 | 71.3 |
| 101 | 9.8 | 7.4 | 11.2 |
| 130 | 22.0 | 16.6 | 25.0 |

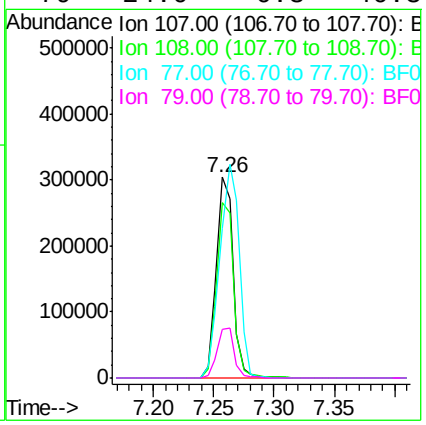


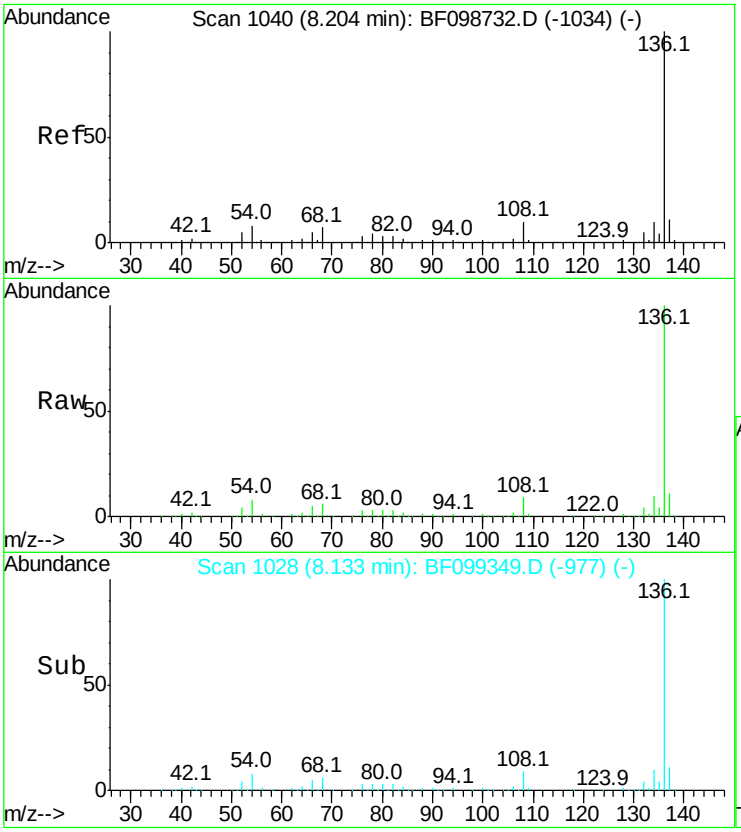




#20
3+4-Methylphenols
Concen: 39.137 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:107 Resp: 290268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.4 | 68.2 | 108.2 |
| 77 | 74.7 | 26.7 | 66.7# |
| 79 | 24.0 | 6.3 | 46.3 |



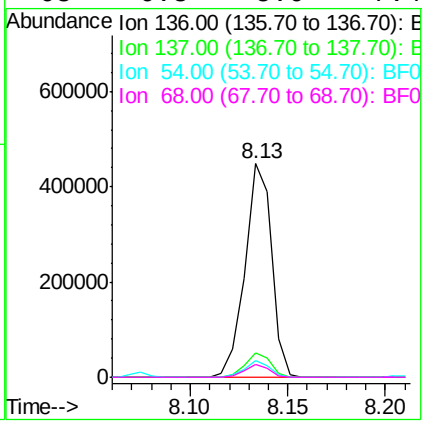


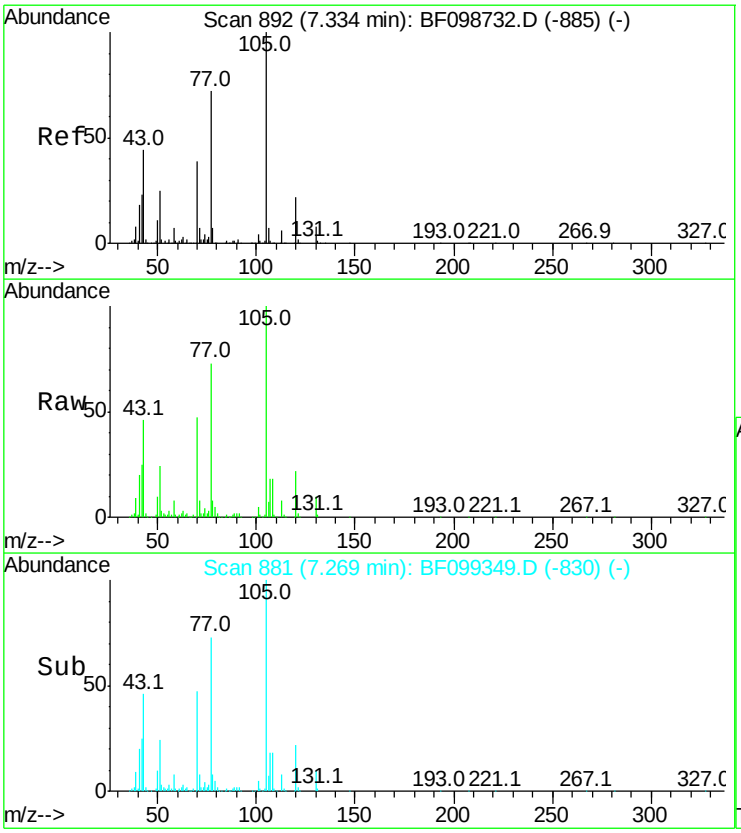

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 423643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 7.7 | 6.6 | 9.8 |
| 68 | 6.3 | 5.0 | 7.4 |

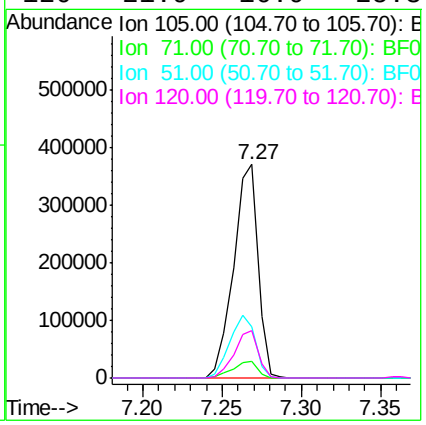


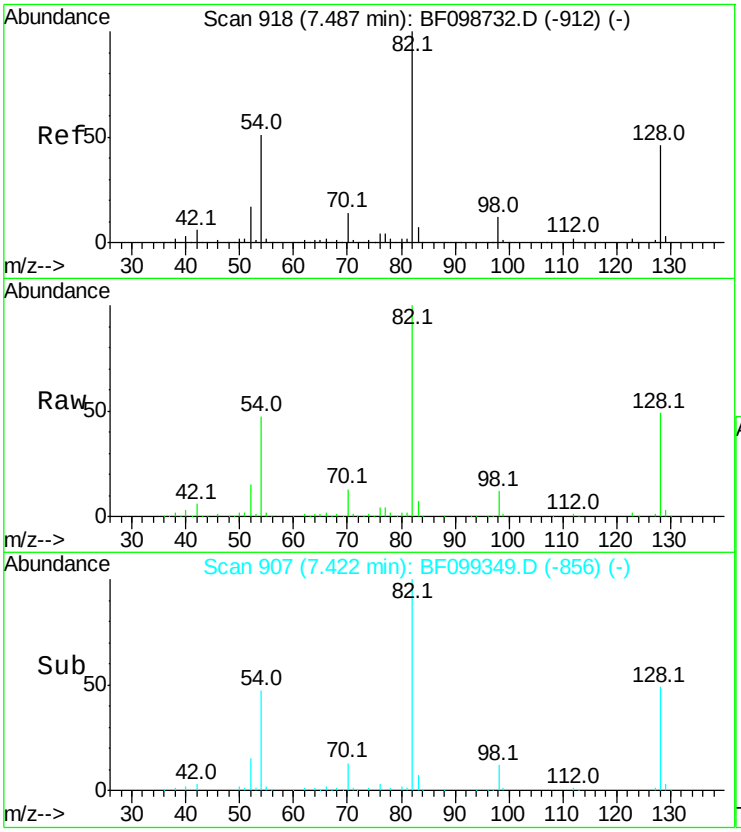




#22
Acetophenone
Concen: 38.485 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:105 Resp: 395013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.8 | 4.4 | 6.6# |
| 51 | 23.8 | 22.3 | 33.5 |
| 120 | 21.9 | 16.9 | 25.3 |



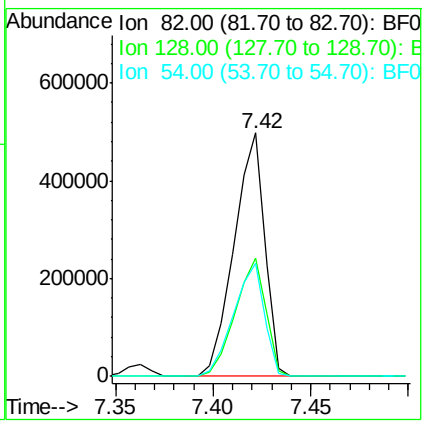


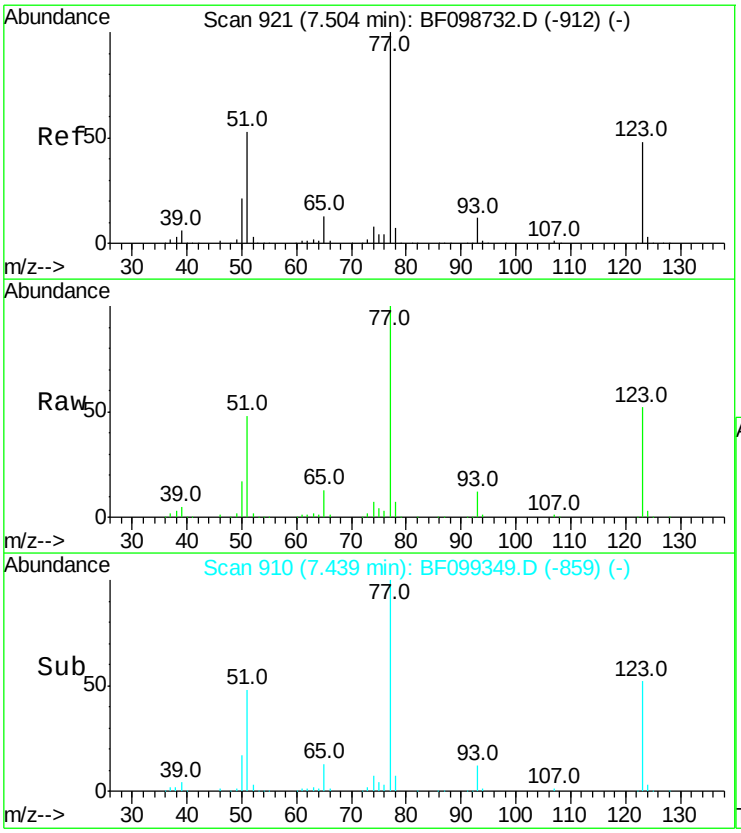

#23
Nitrobenzene-d5
Concen: 81.827 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 540548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.7 | 36.1 | 54.1 |
| 54 | 46.6 | 41.4 | 62.2 |

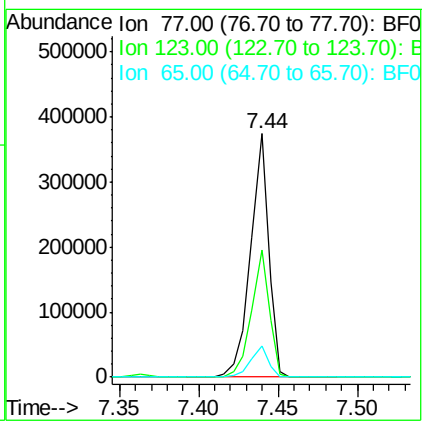


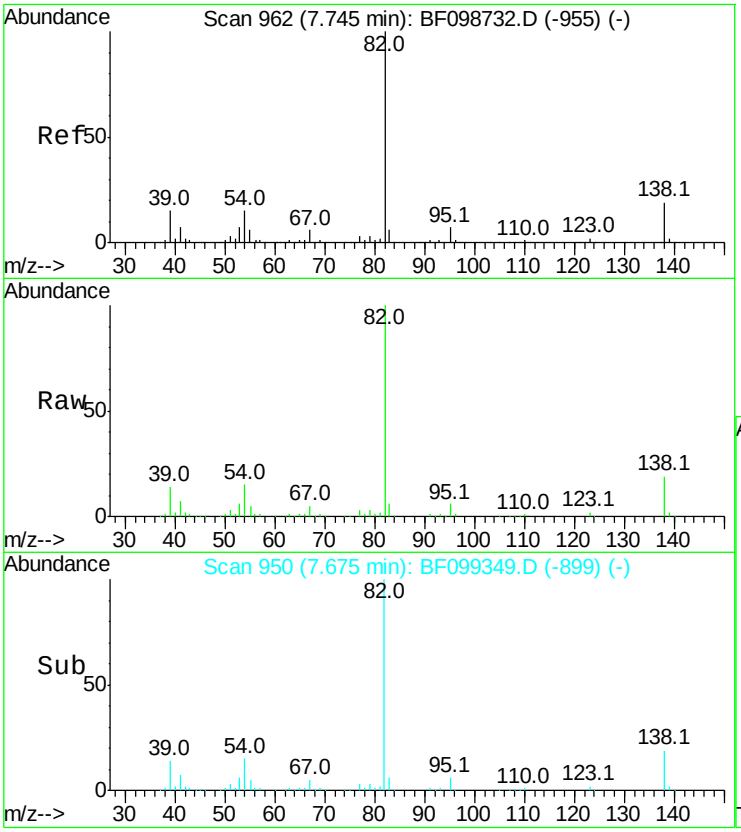




#24
Nitrobenzene
Concen: 39.711 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 77 Resp: 297581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.2 | 37.9 | 56.9 |
| 65 | 12.9 | 11.0 | 16.4 |



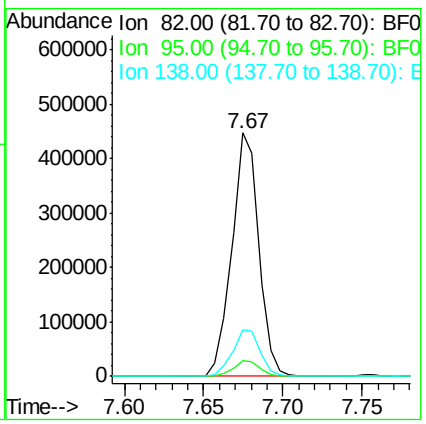


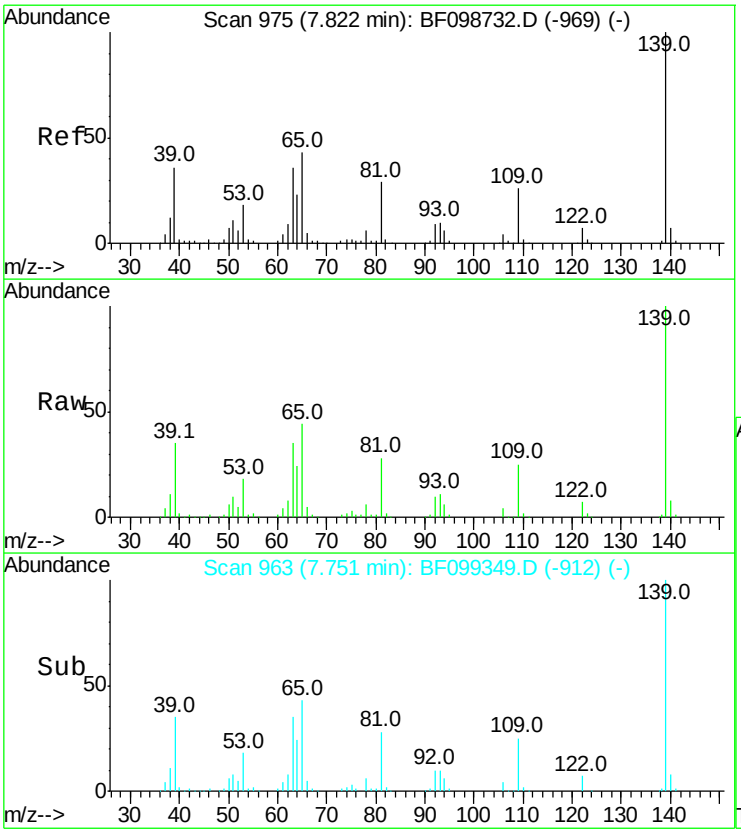

#25
Isophorone
Concen: 38.420 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 524732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.2 | 7.8 |
| 138 | 19.1 | 14.9 | 22.3 |

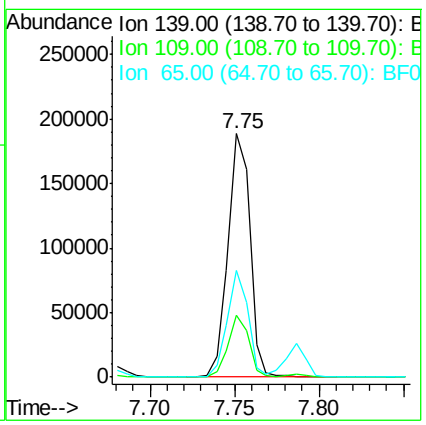


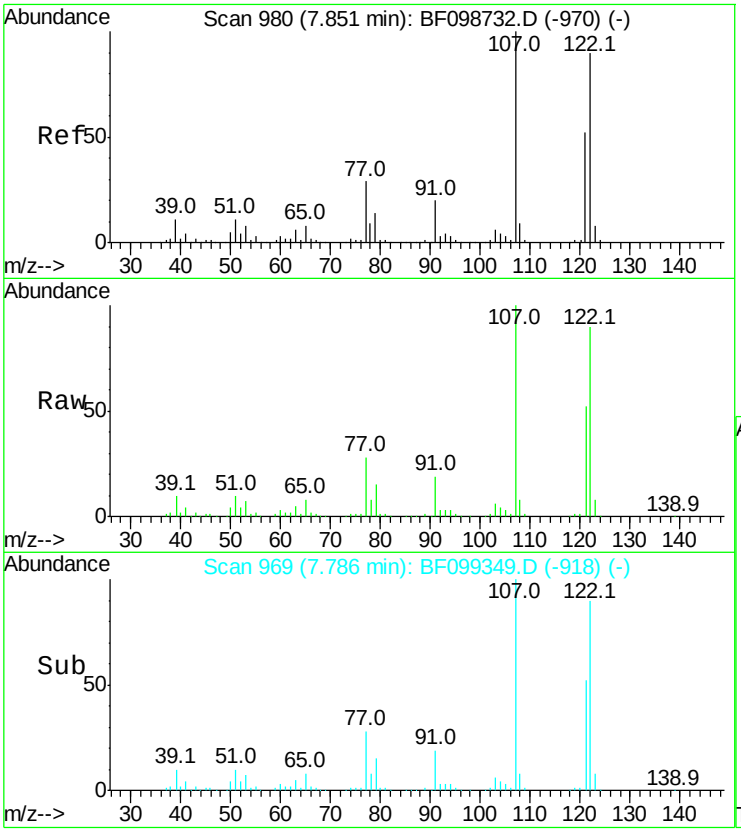




#26
2-Nitrophenol
Concen: 47.155 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:139 Resp: 169924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.1 | 22.7 | 34.1 |
| 65 | 43.6 | 40.5 | 60.7 |



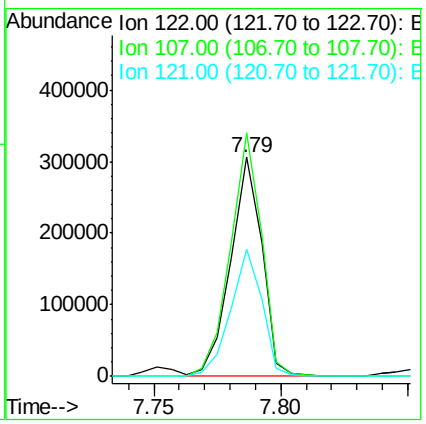


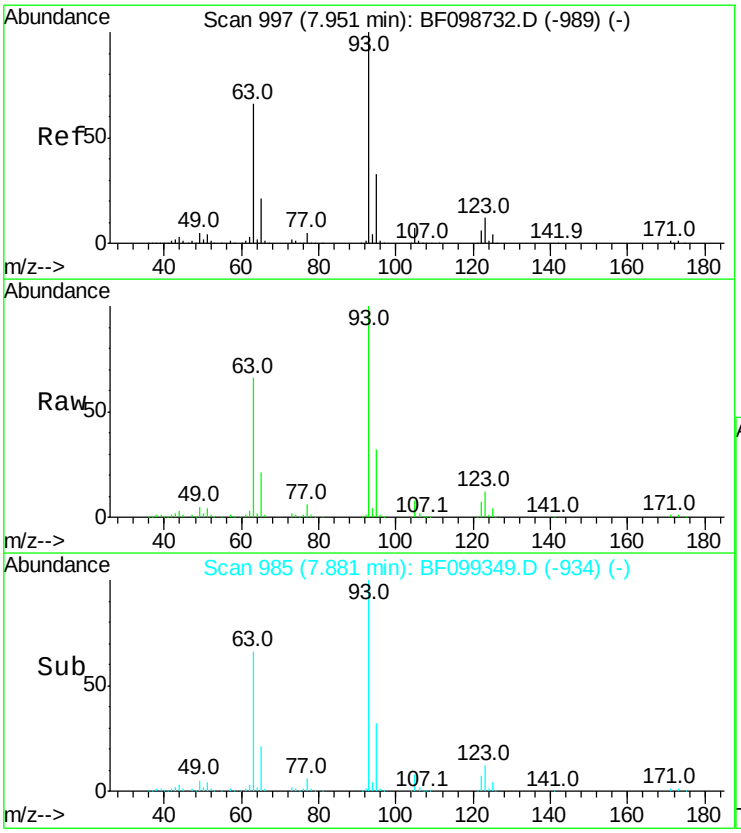

#27
2,4-Dimethylphenol
Concen: 38.714 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 263459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.2 | 91.2 | 136.8 |
| 121 | 57.9 | 47.2 | 70.8 |

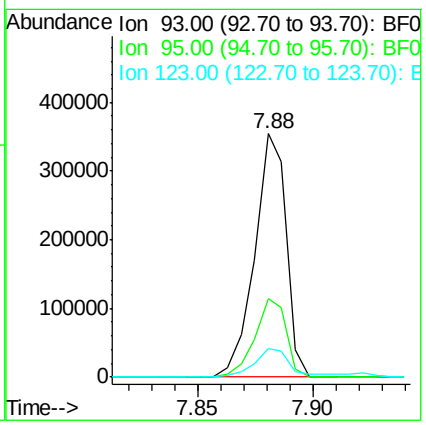


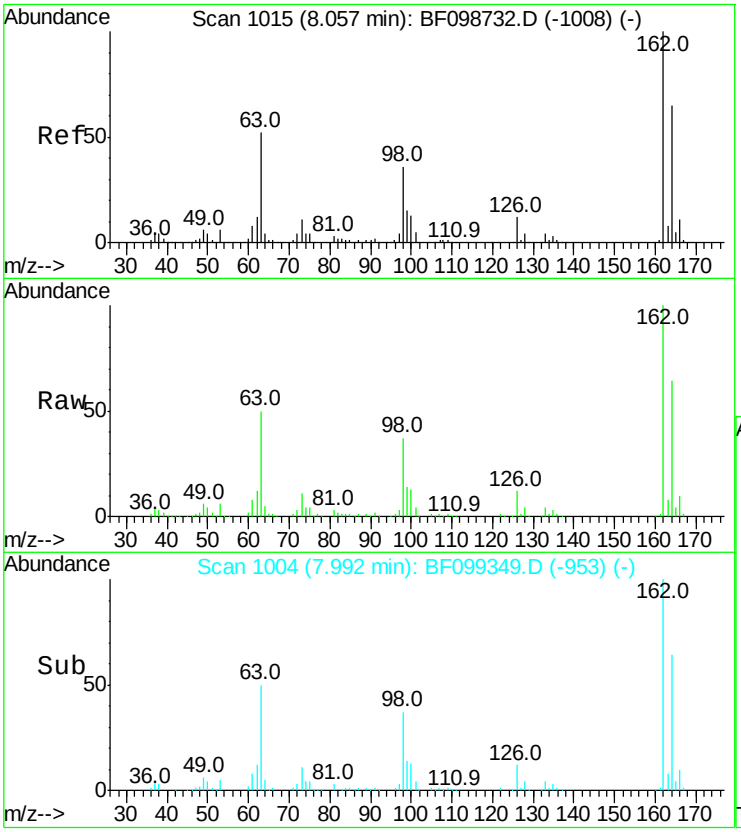




#28
bis(2-Chloroethoxy)methane
Concen: 39.781 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 93 Resp: 338594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 26.3 | 39.5 |
| 123 | 11.7 | 9.8 | 14.6 |



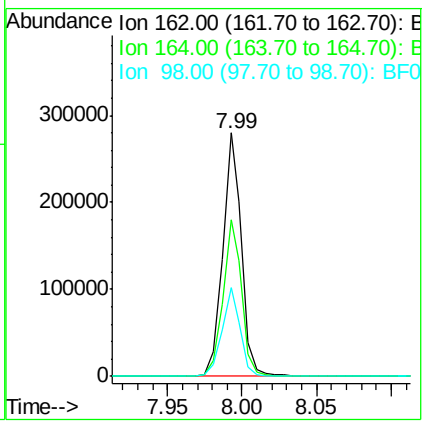


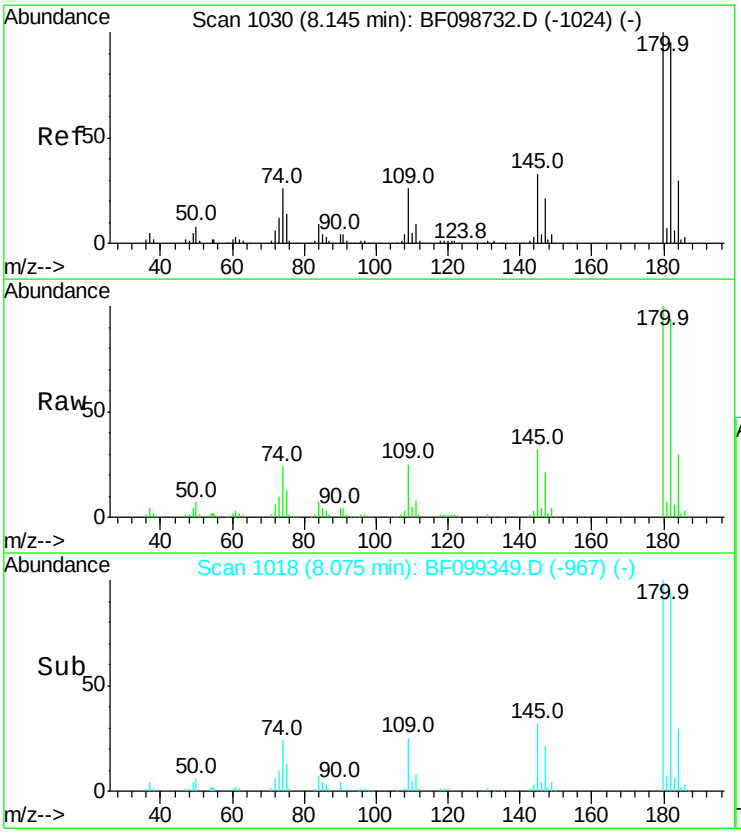

#29
2,4-Dichlorophenol
Concen: 42.388 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 247666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 42.7 | 82.7 |
| 98 | 36.6 | 18.1 | 58.1 |

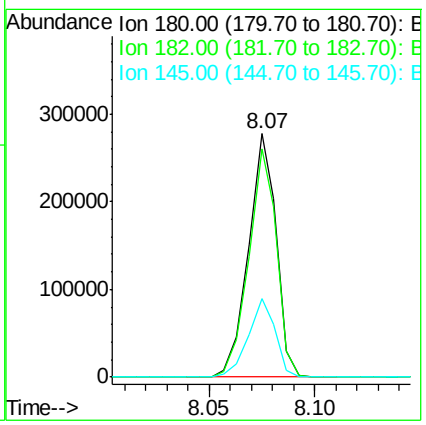


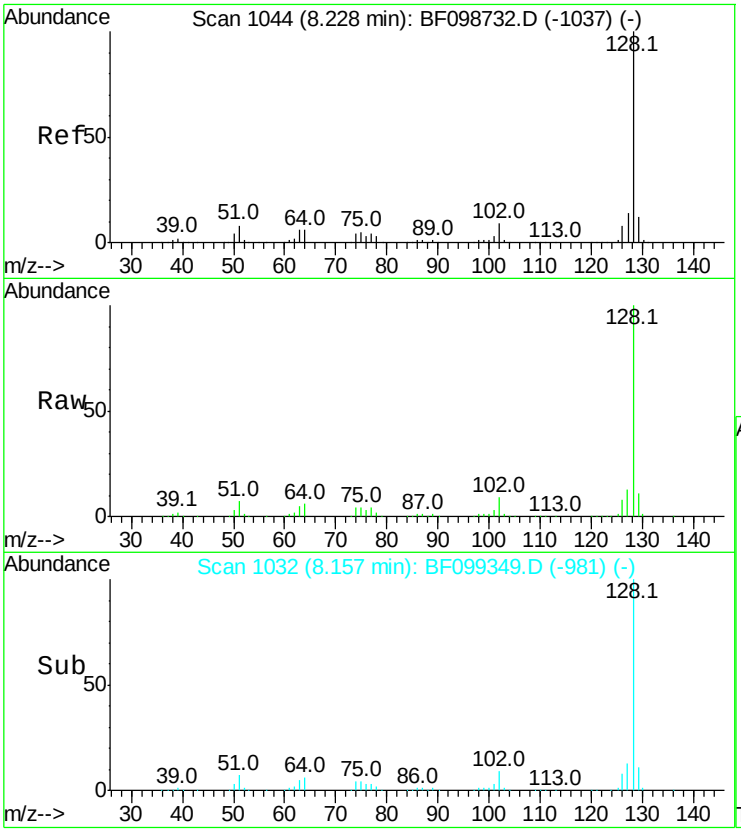




#30
1,2,4-Trichlorobenzene
Concen: 43.353 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:180 Resp: 253344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.5 | 76.8 | 115.2 |
| 145 | 32.3 | 26.5 | 39.7 |



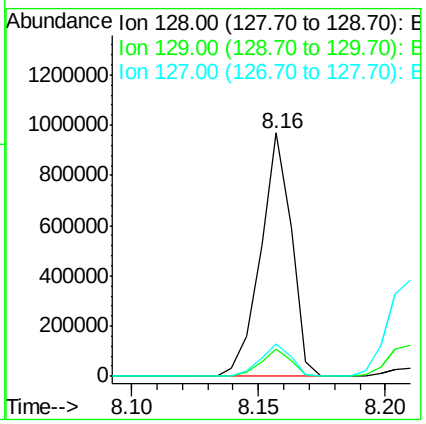


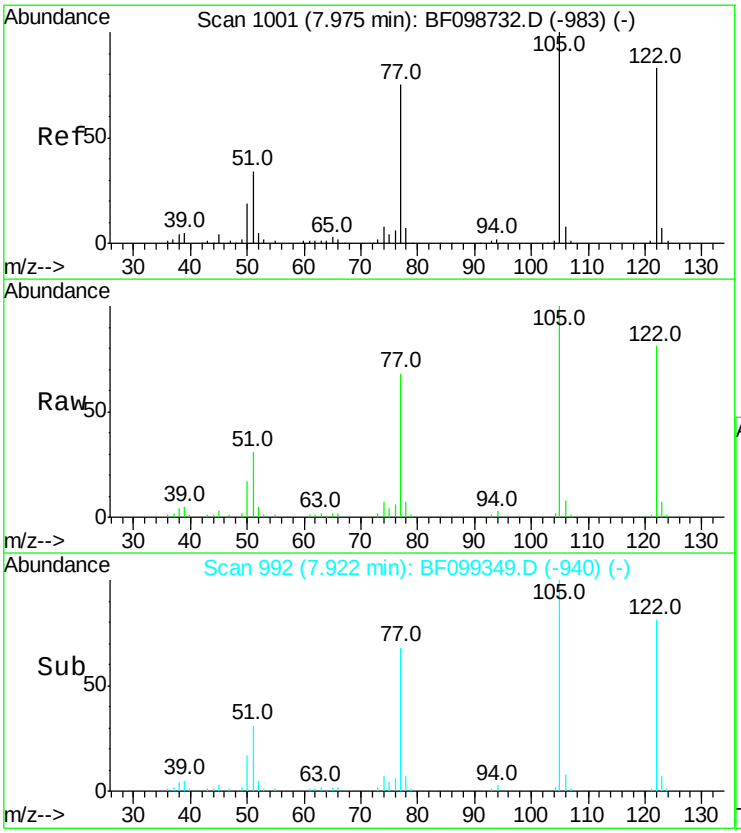

#31
Naphthalene
Concen: 41.558 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 826885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.8 | 13.2 |
| 127 | 13.4 | 10.9 | 16.3 |

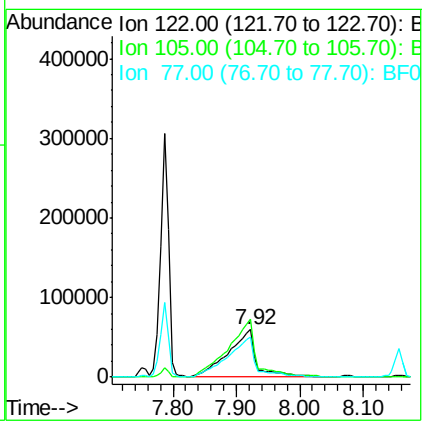


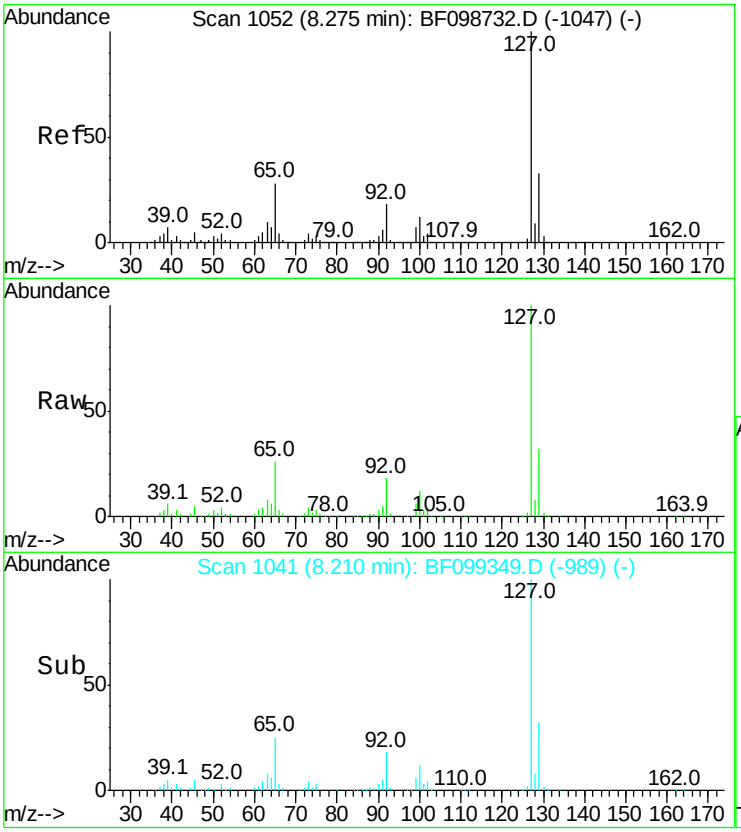




#32
Benzoic acid
Concen: 32.383 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:122 Resp: 181021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.3 | 101.1 | 141.1 |
| 77 | 84.4 | 70.7 | 110.7 |



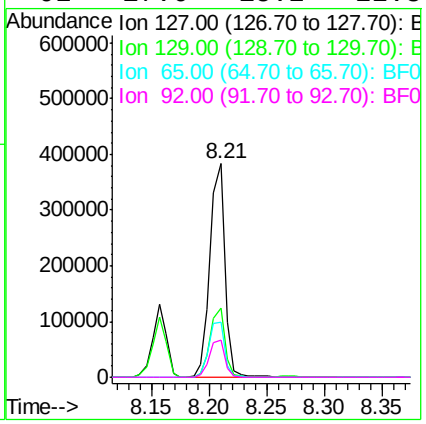


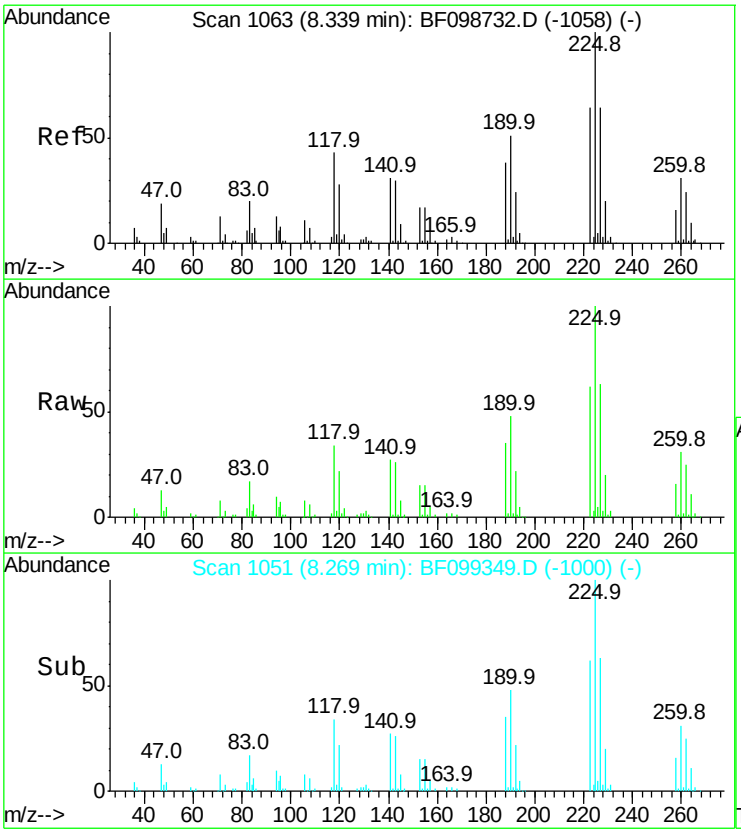

#33
4-Chloroaniline
Concen: 42.070 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 349554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.9 | 38.9 |
| 65 | 25.6 | 25.0 | 37.4 |
| 92 | 17.6 | 15.2 | 22.8 |

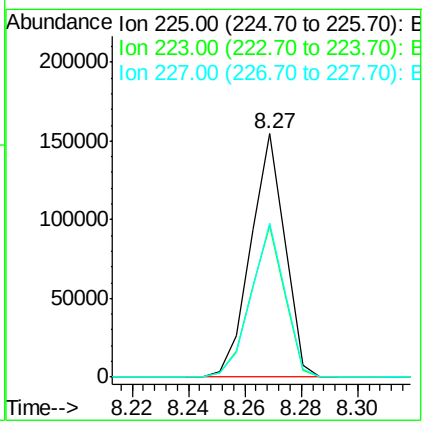


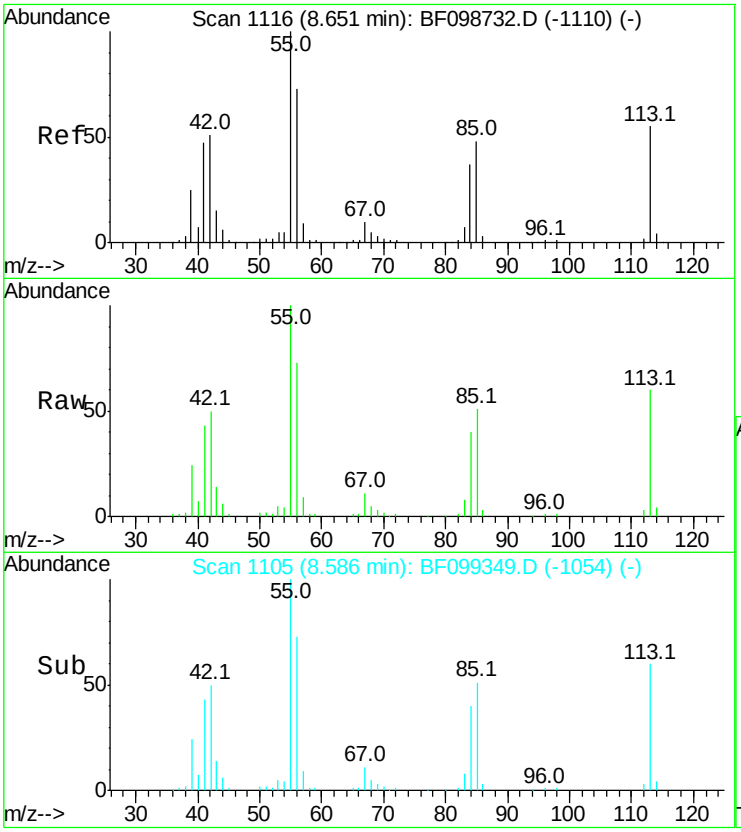




#34
Hexachlorobutadiene
Concen: 43.019 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:225 Resp: 129487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 50.6 | 76.0 |
| 227 | 63.2 | 51.9 | 77.9 |



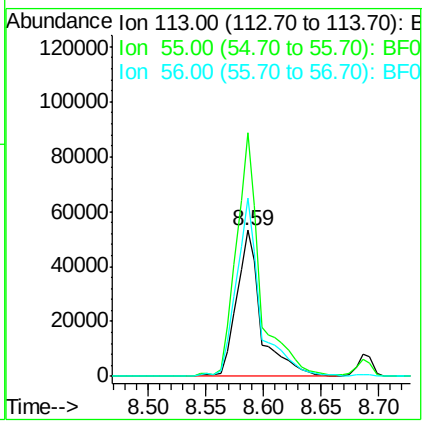


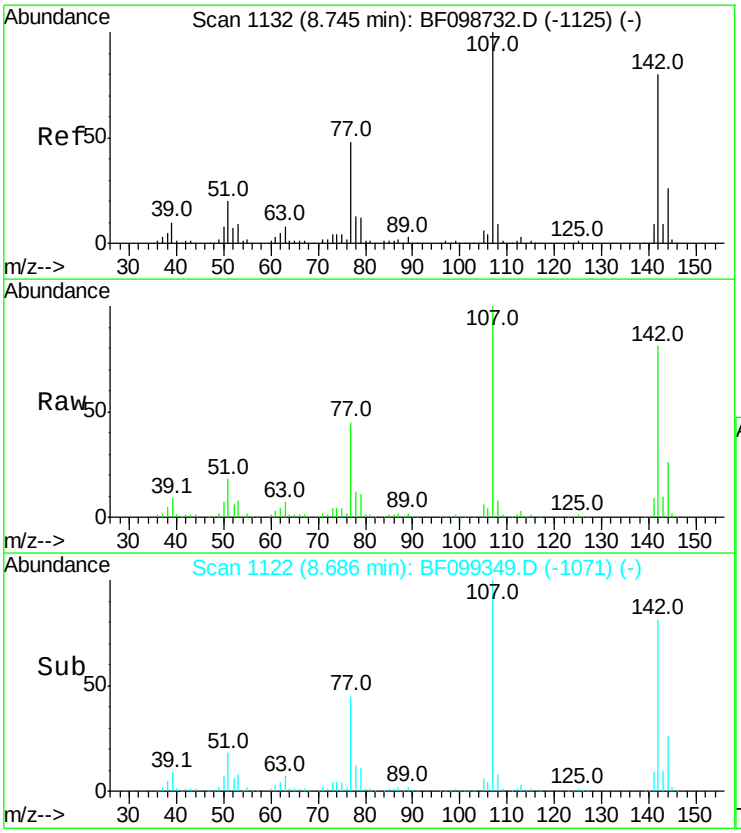

#35
Caprolactam
Concen: 41.750 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 78250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 167.0 | 163.3 | 203.3 |
| 56 | 122.4 | 115.7 | 155.7 |

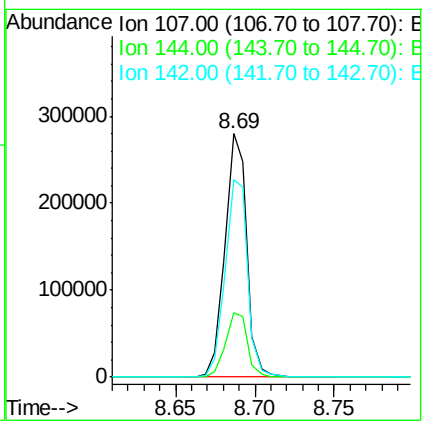


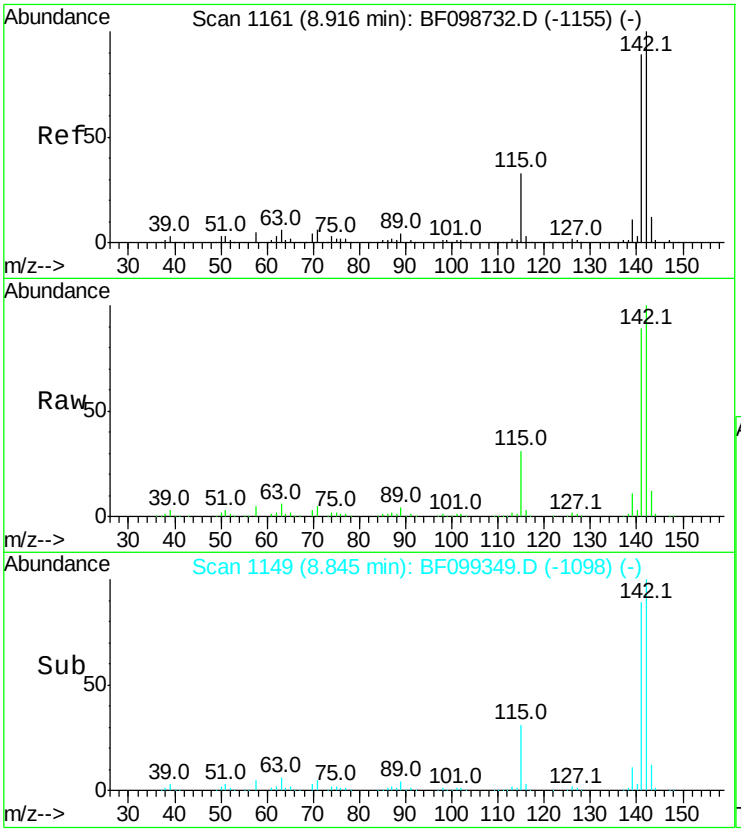




#36
4-Chloro-3-methylphenol
Concen: 40.522 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:107 Resp: 266118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 20.5 | 30.7 |
| 142 | 80.9 | 62.0 | 93.0 |



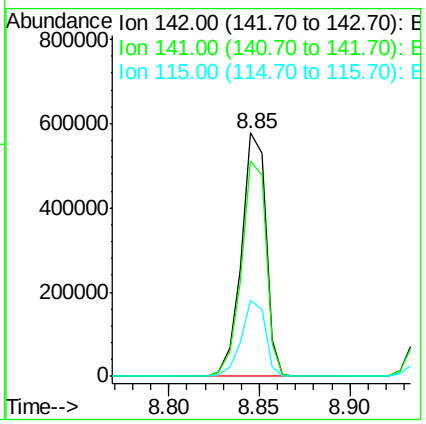


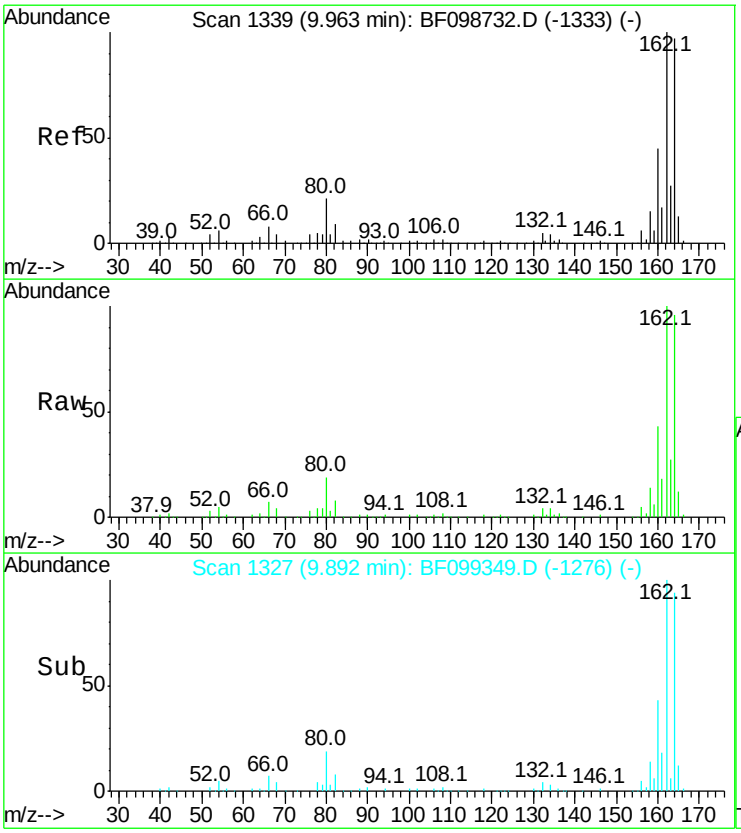

#37
2-Methylnaphthalene
Concen: 41.795 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 540606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 70.8 | 106.2 |
| 115 | 31.0 | 26.1 | 39.1 |

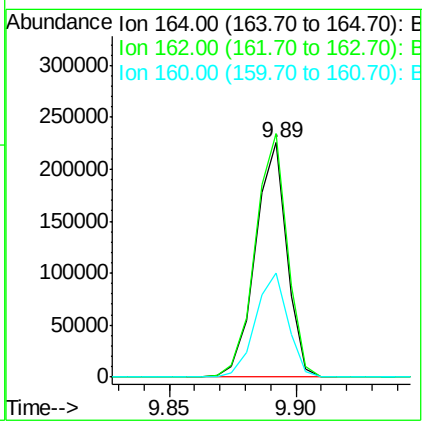


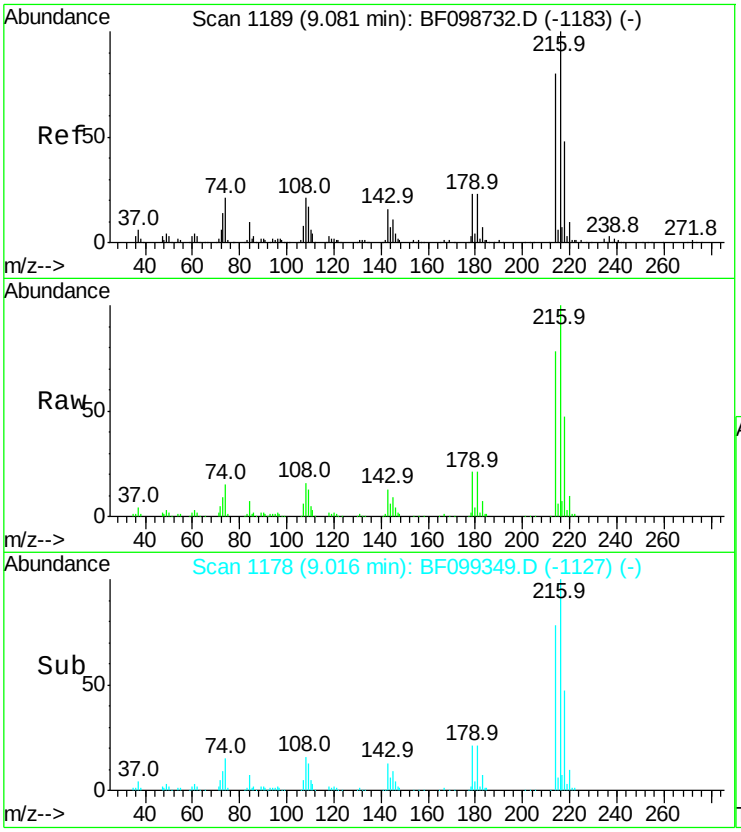




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:164 Resp: 195903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.9 | 86.1 | 129.1 |
| 160 | 44.7 | 38.3 | 57.5 |



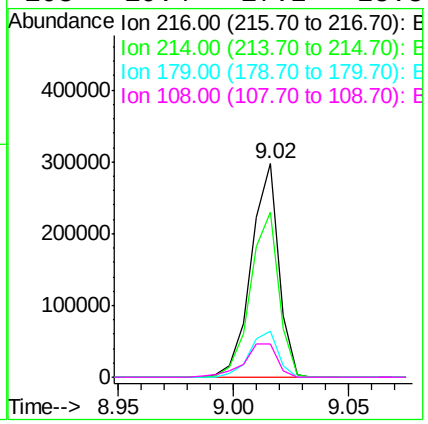


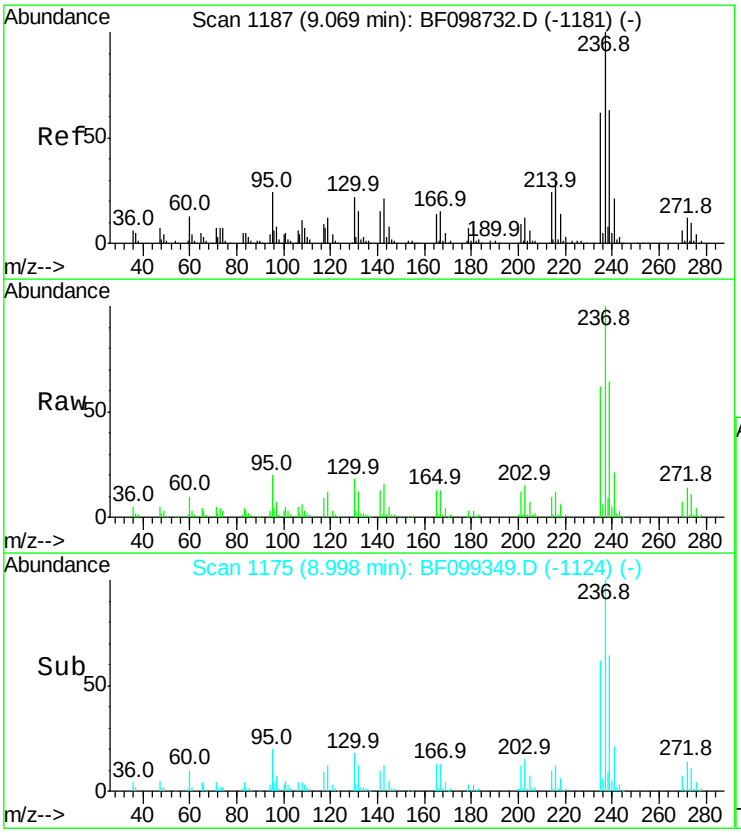

#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.512 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:216 Resp: 248374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.0 | 94.4 |
| 179 | 22.4 | 18.1 | 27.1 |
| 108 | 19.4 | 17.2 | 25.8 |

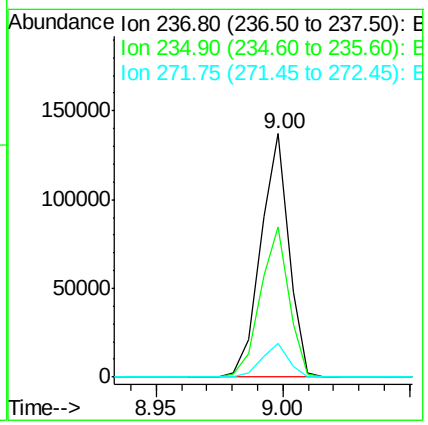


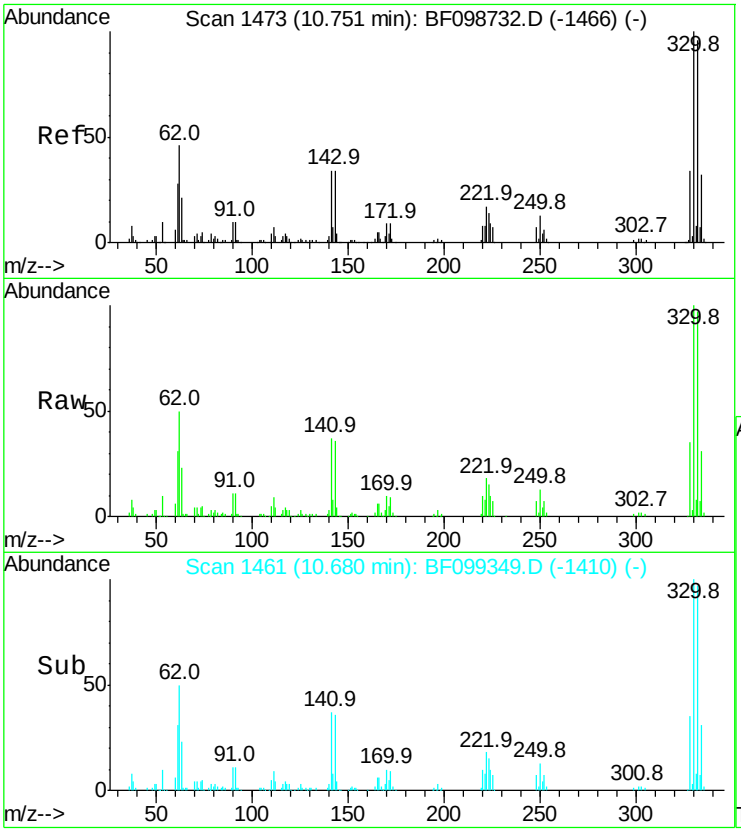




#40
Hexachlorocyclopentadiene
Concen: 39.874 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:237 Resp: 106463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.6 | 44.8 | 84.8 |
| 272 | 14.1 | 0.0 | 33.3 |



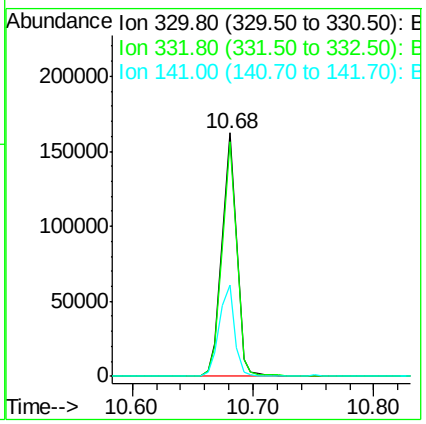


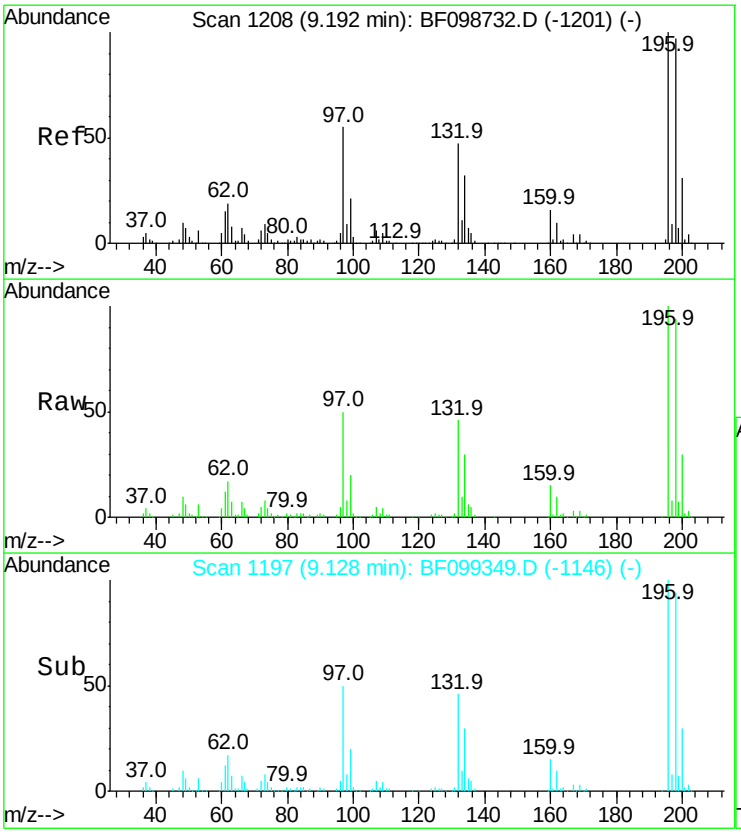

#41
2,4,6-Tribromophenol
Concen: 86.731 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:330 Resp: 139032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 38.5 | 29.9 | 44.9 |

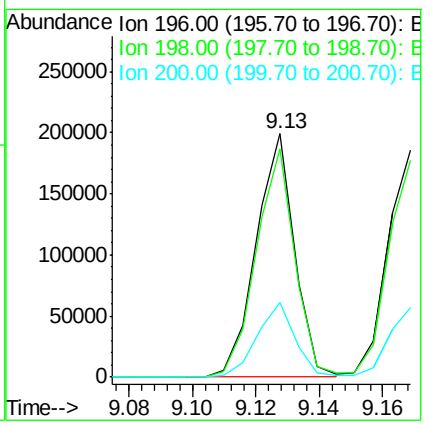


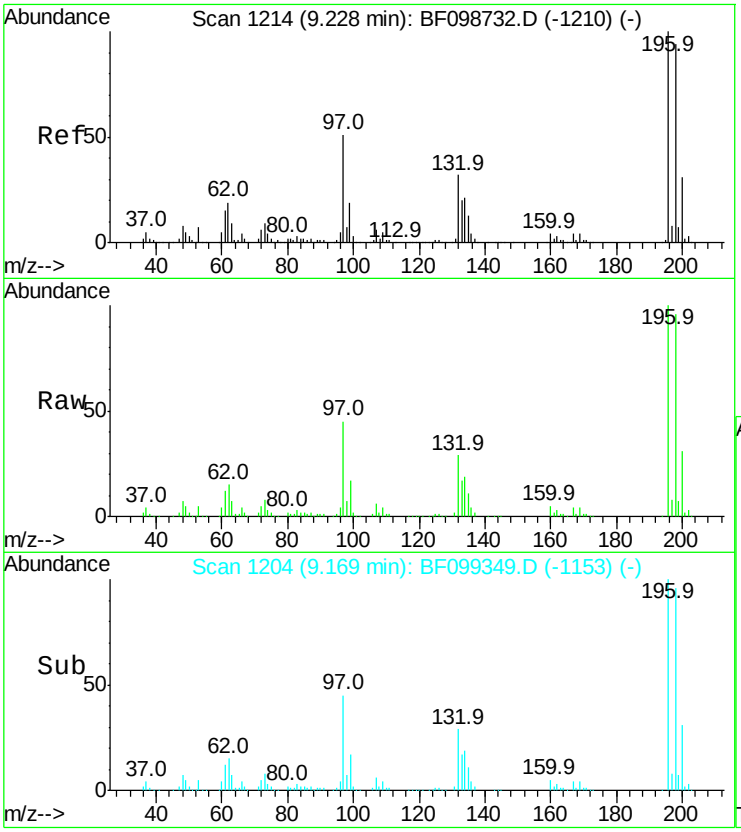




#42
2,4,6-Trichlorophenol
Concen: 40.489 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:196 Resp: 167582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.6 | 75.7 | 113.5 |
| 200 | 30.5 | 24.5 | 36.7 |



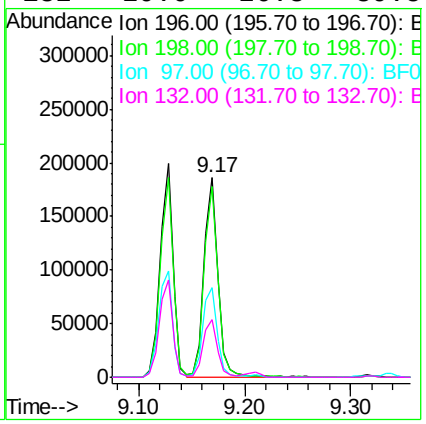


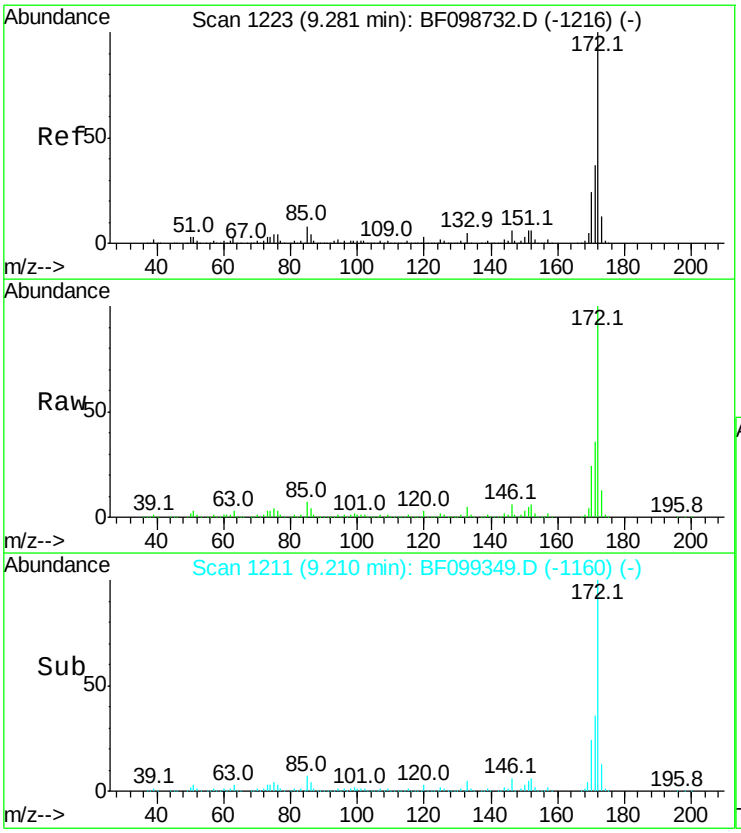

#43
2,4,5-Trichlorophenol
Concen: 41.466 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 171324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 74.6 | 112.0 |
| 97 | 44.7 | 42.9 | 64.3 |
| 132 | 29.0 | 26.3 | 39.5 |

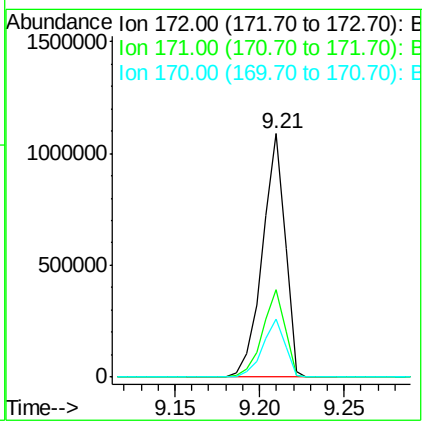


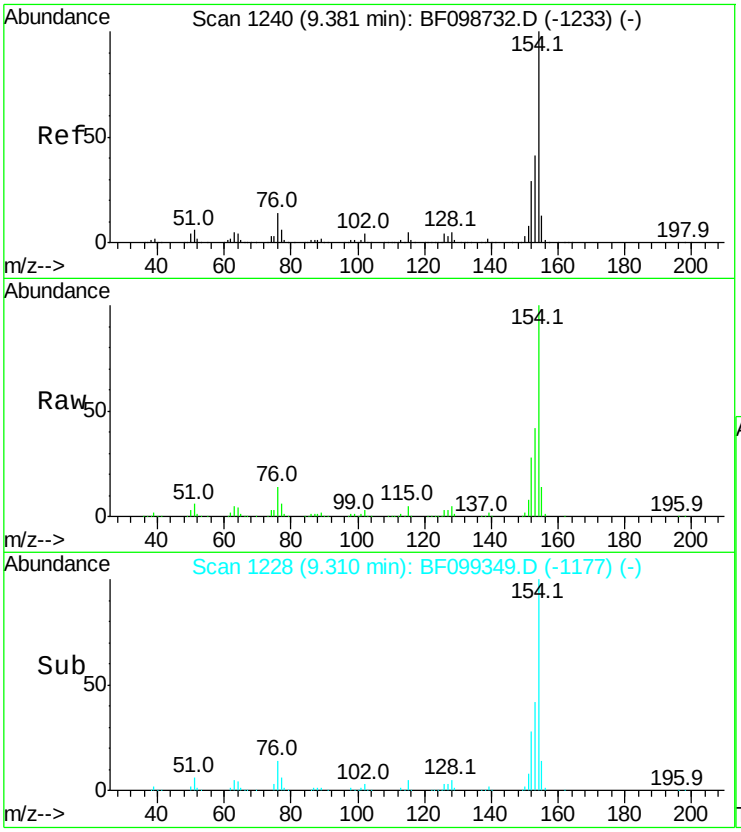




#44
2-Fluorobiphenyl
Concen: 86.018 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:172 Resp: 1009409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.7 | 44.5 |
| 170 | 24.0 | 19.6 | 29.4 |



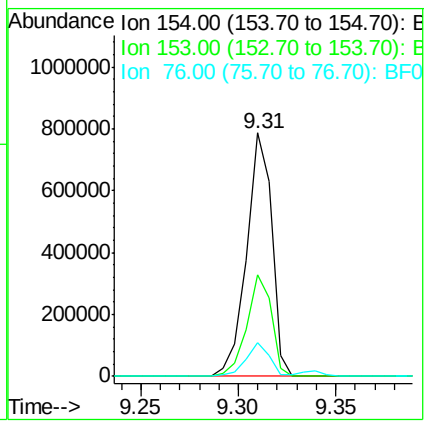


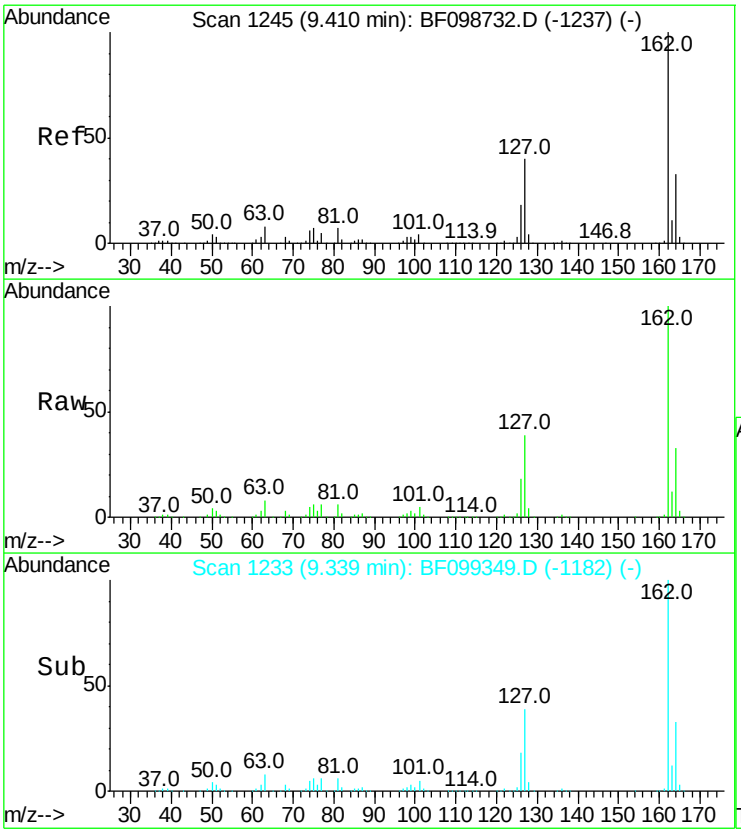

#45
1,1'-Biphenyl
Concen: 41.860 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:154 Resp: 704779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 21.3 | 61.3 |
| 76 | 13.8 | 0.0 | 34.0 |

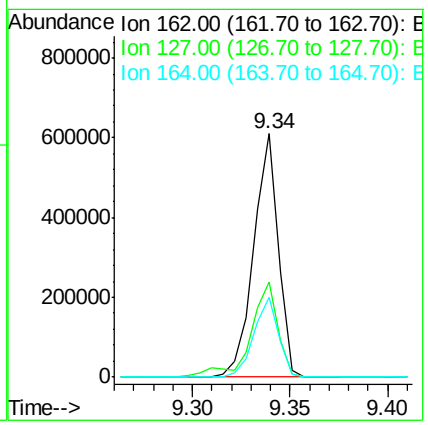


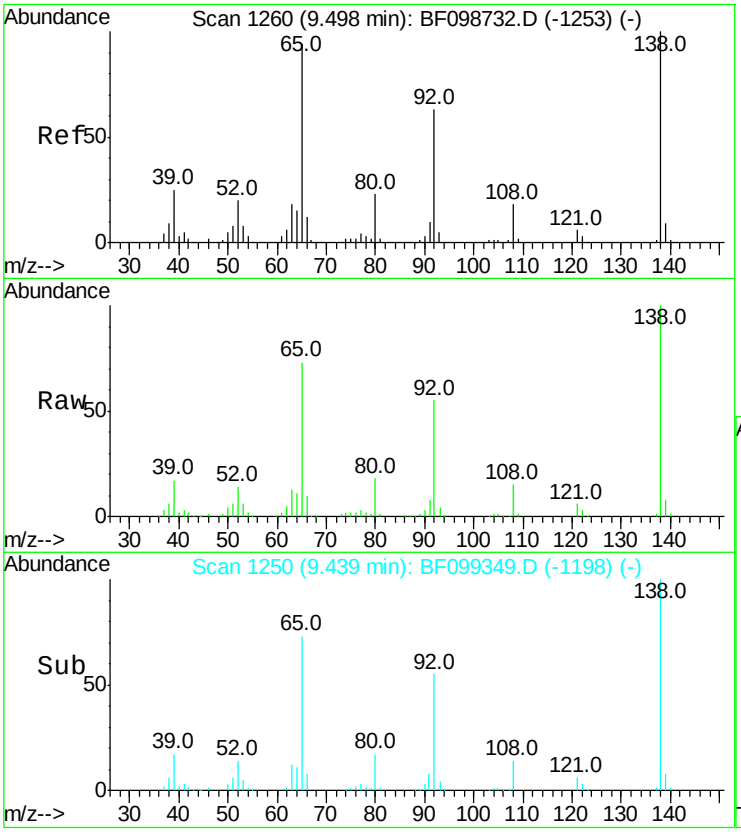




#46
2-Chloronaphthalene
Concen: 42.092 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:162 Resp: 532099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 33.9 | 50.9 |
| 164 | 32.7 | 26.5 | 39.7 |



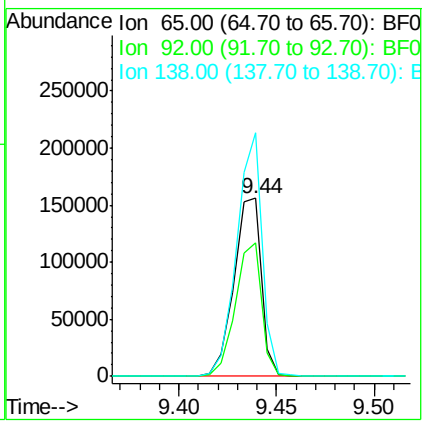


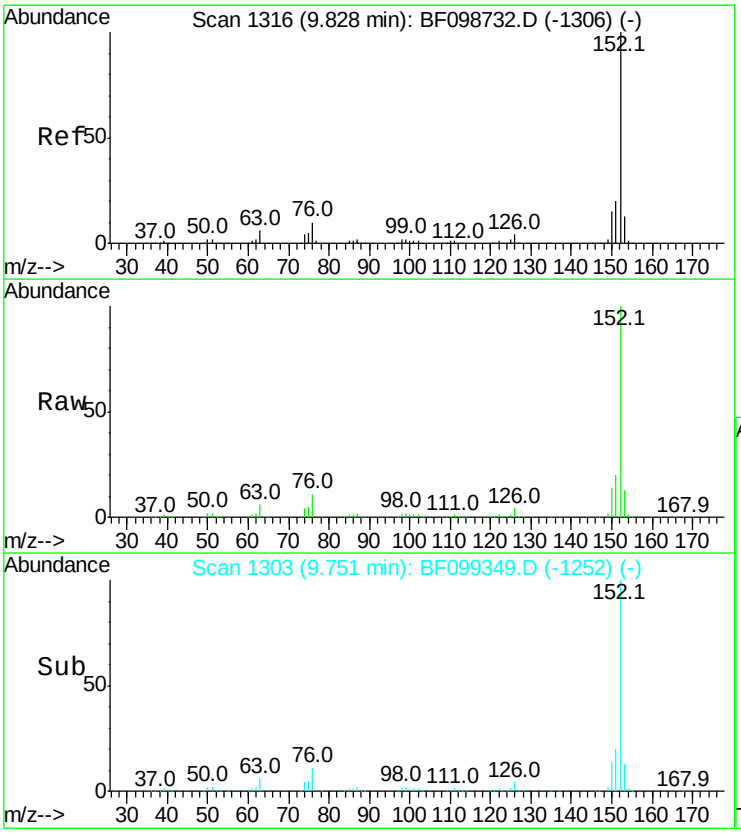

#47
2-Nitroaniline
Concen: 39.340 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 65 Resp: 152278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.4 | 55.8 | 83.6 |
| 138 | 136.9 | 91.2 | 136.8# |

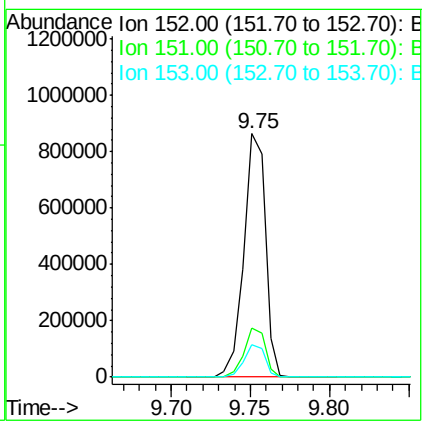


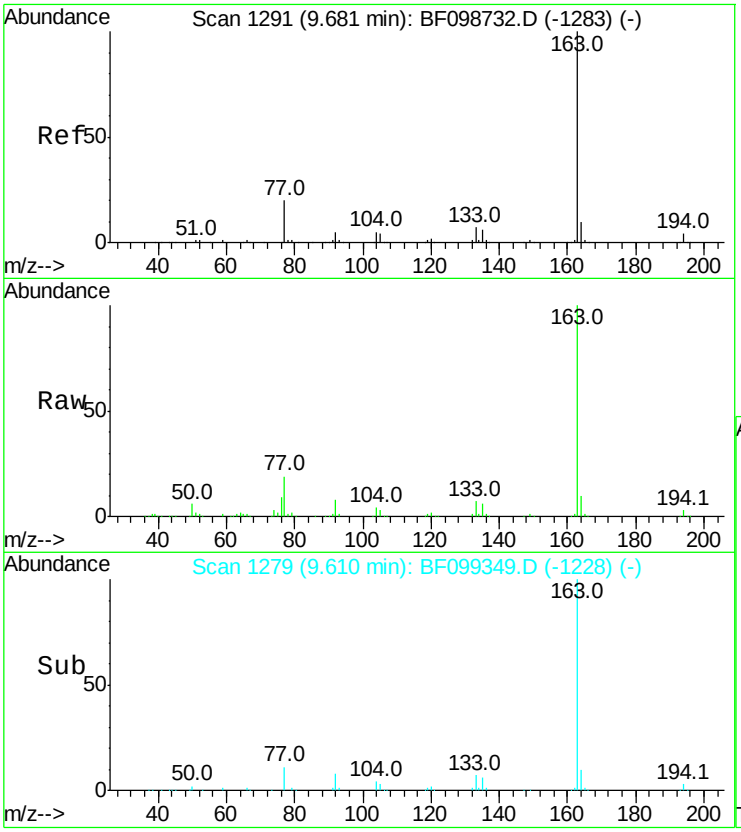




#48
Acenaphthylene
Concen: 41.900 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:152 Resp: 810835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.3 | 24.5 |
| 153 | 13.2 | 10.7 | 16.1 |



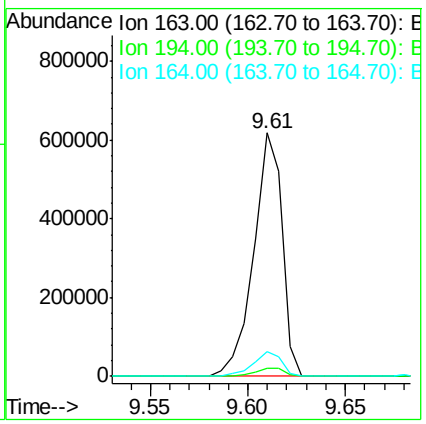


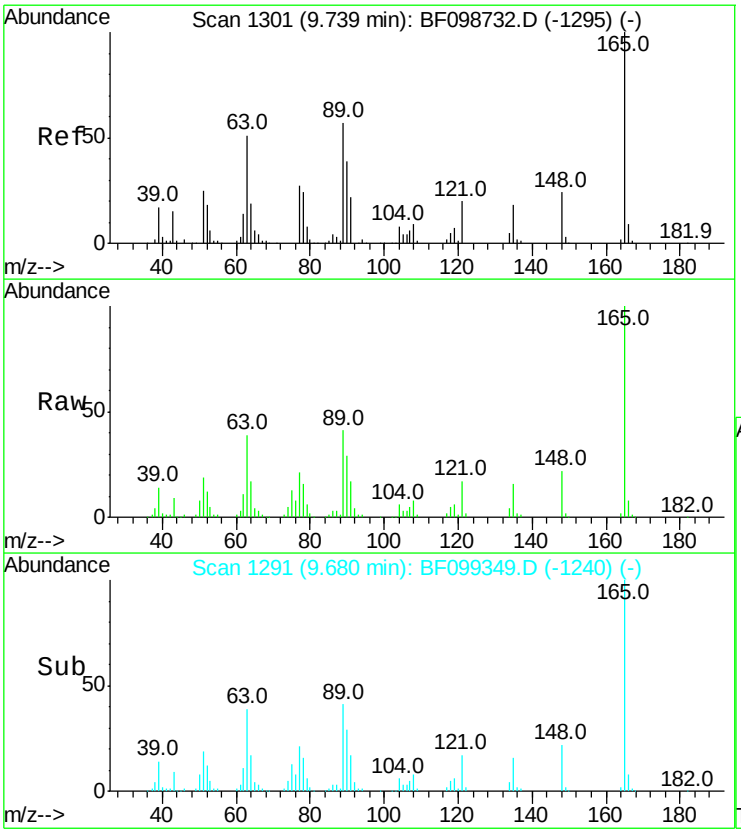

#49
Dimethylphthalate
Concen: 42.212 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:163 Resp: 624126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.7 | 4.1 |
| 164 | 10.4 | 8.2 | 12.2 |

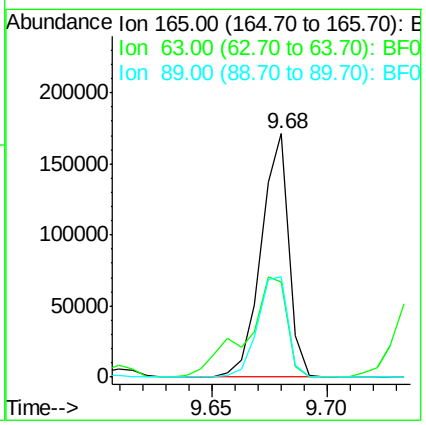


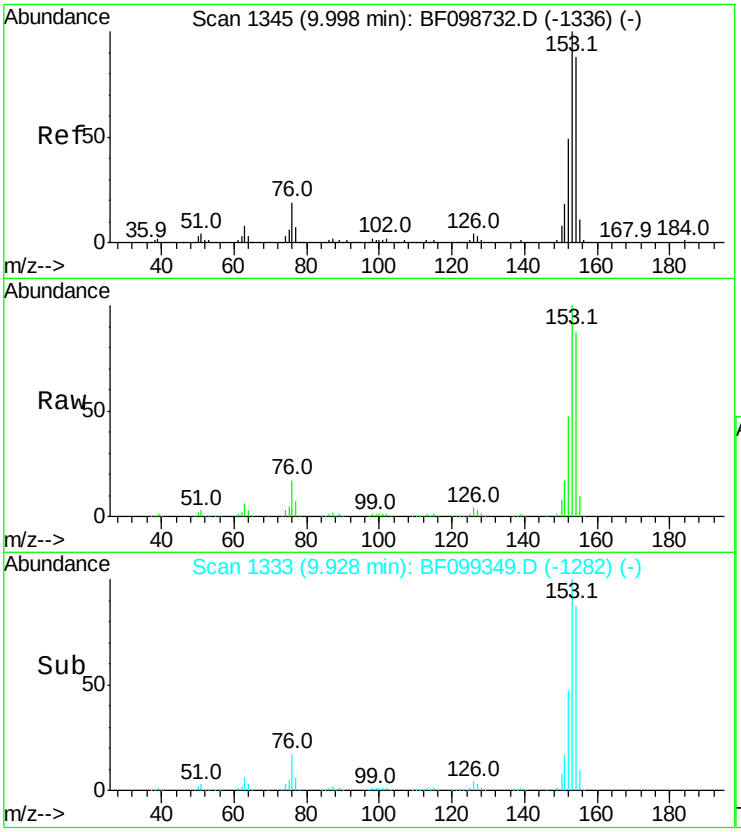




#50
2,6-Dinitrotoluene
Concen: 44.287 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:165 Resp: 142556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.9 | 44.7 | 67.1# |
| 89 | 41.1 | 44.0 | 66.0# |



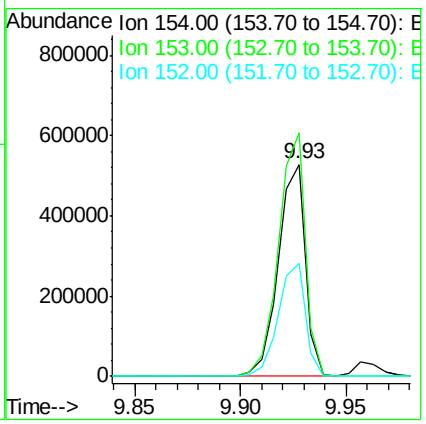


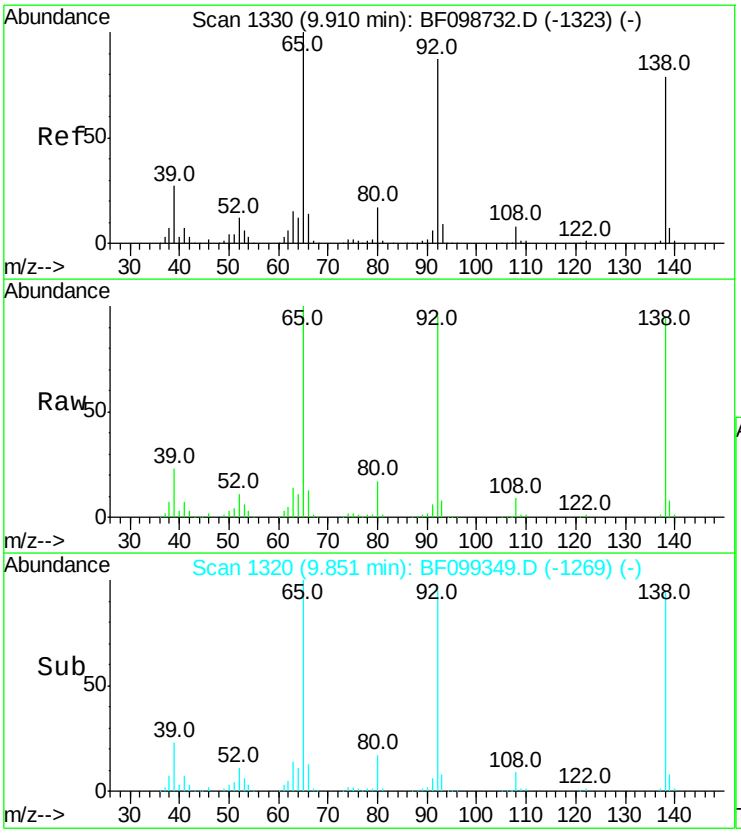

#51
Acenaphthene
Concen: 38.500 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Tgt Ion:154 Resp: 471945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.9 | 91.2 | 136.8 |
| 152 | 53.6 | 43.8 | 65.8 |

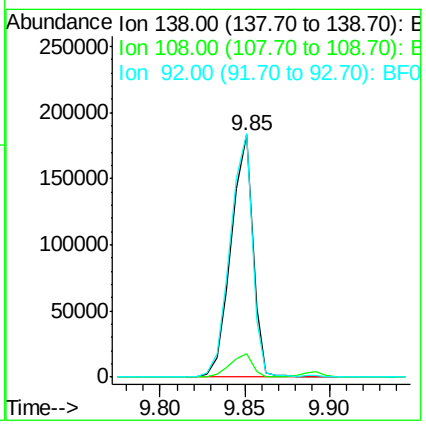


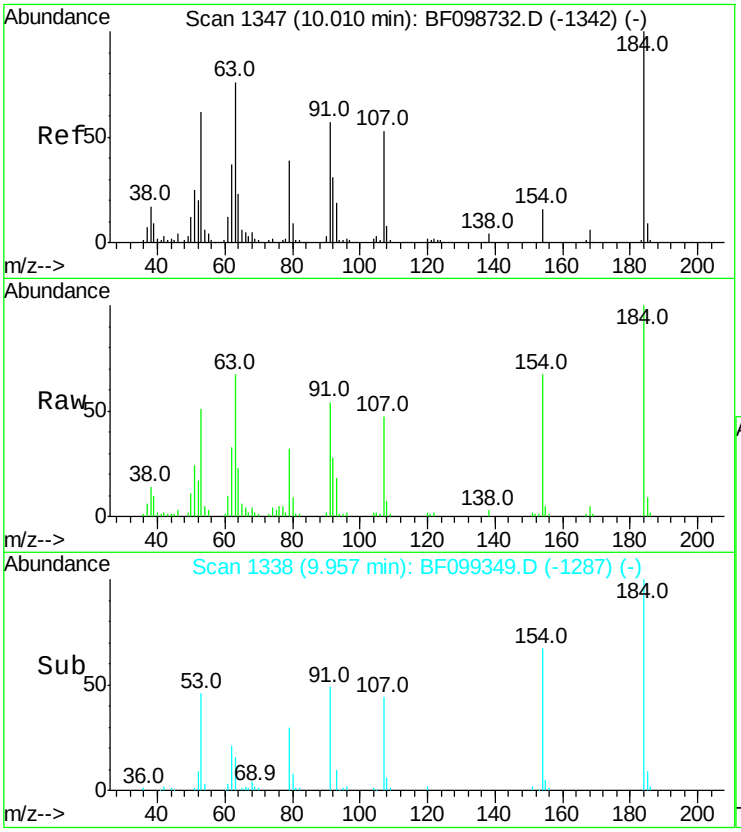




#52
3-Nitroaniline
Concen: 43.883 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:138 Resp: 164707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 9.4 | 14.0 |
| 92 | 100.5 | 89.4 | 134.2 |



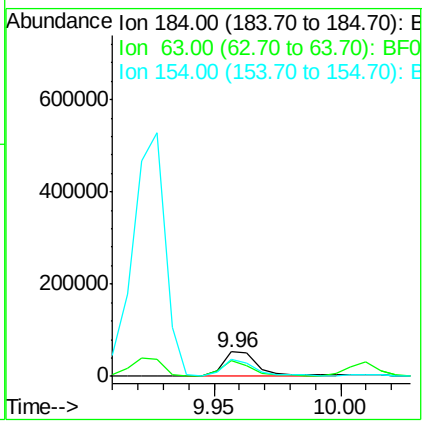


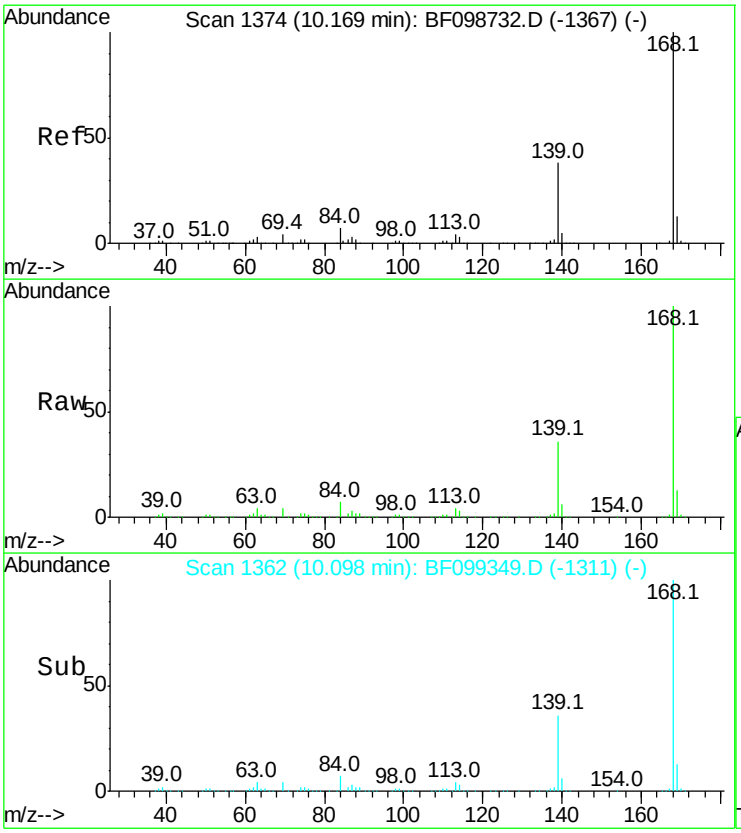

#53
2,4-Dinitrophenol
Concen: 35.437 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 53520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 66.6 | 54.2 | 81.2 |
| 154 | 67.1 | 53.5 | 80.3 |

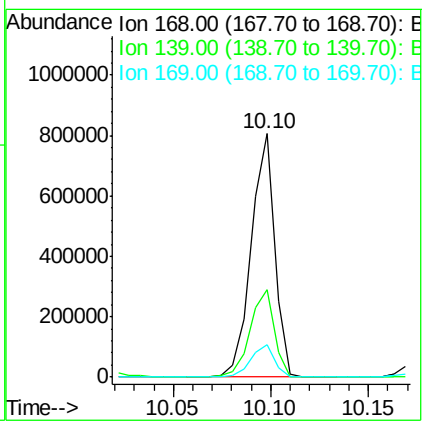


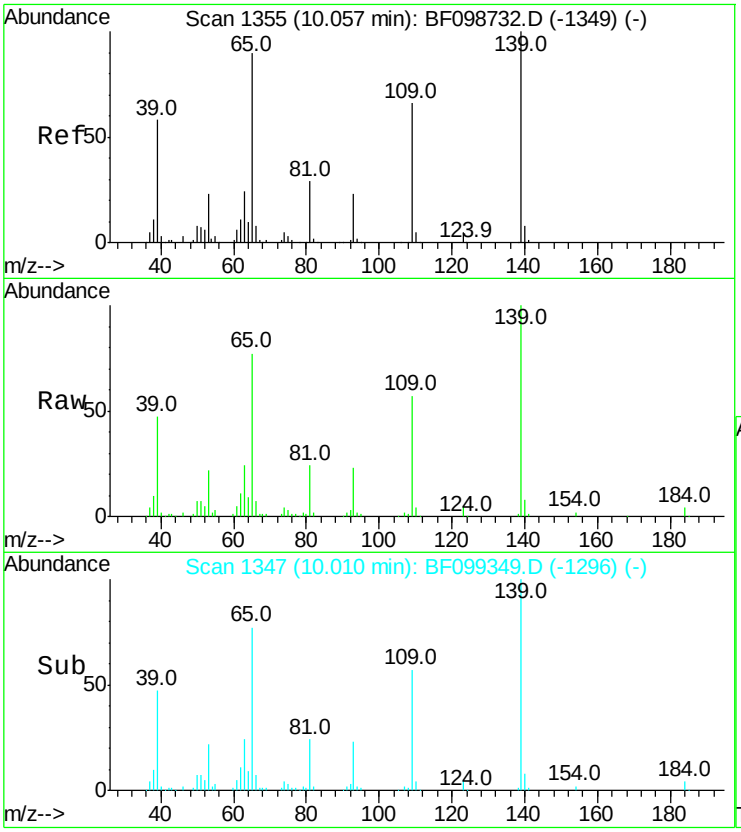




#54
Dibenzofuran
Concen: 41.331 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:168 Resp: 674584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 30.1 | 45.1 |
| 169 | 13.3 | 10.9 | 16.3 |



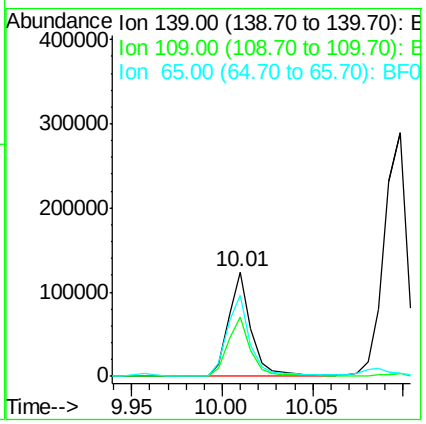


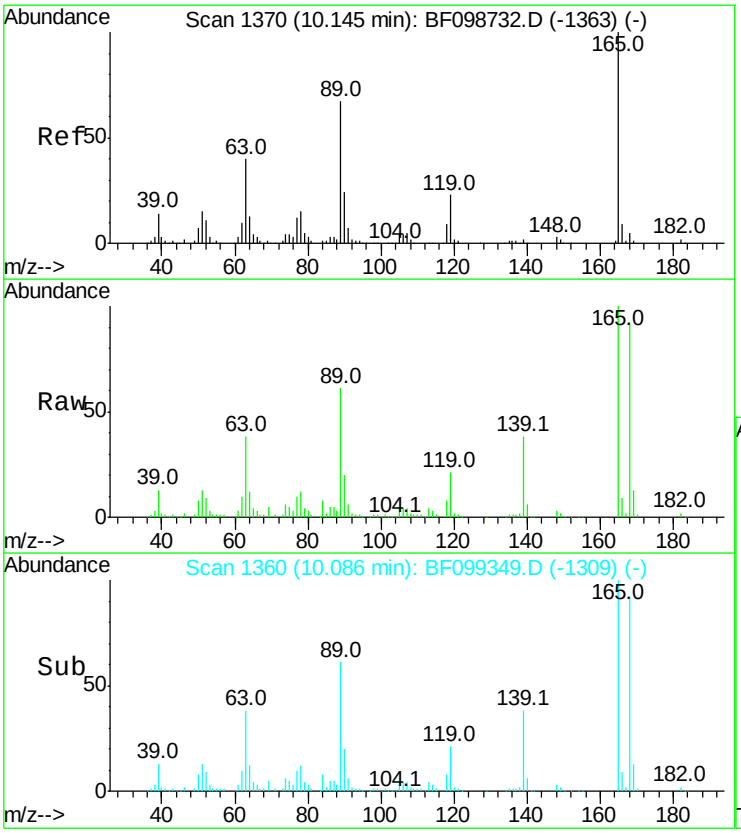

#55
4-Nitrophenol
Concen: 34.380 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:139 Resp: 109110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 56.7 | 48.4 | 88.4 |
| 65 | 77.3 | 72.6 | 112.6 |

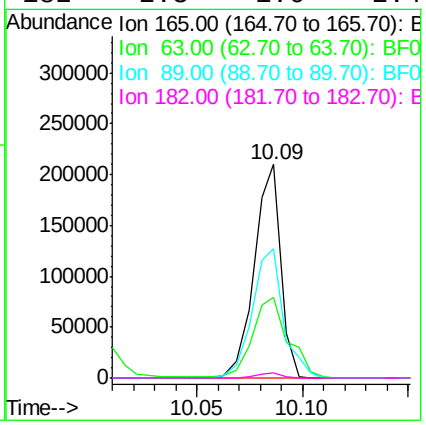


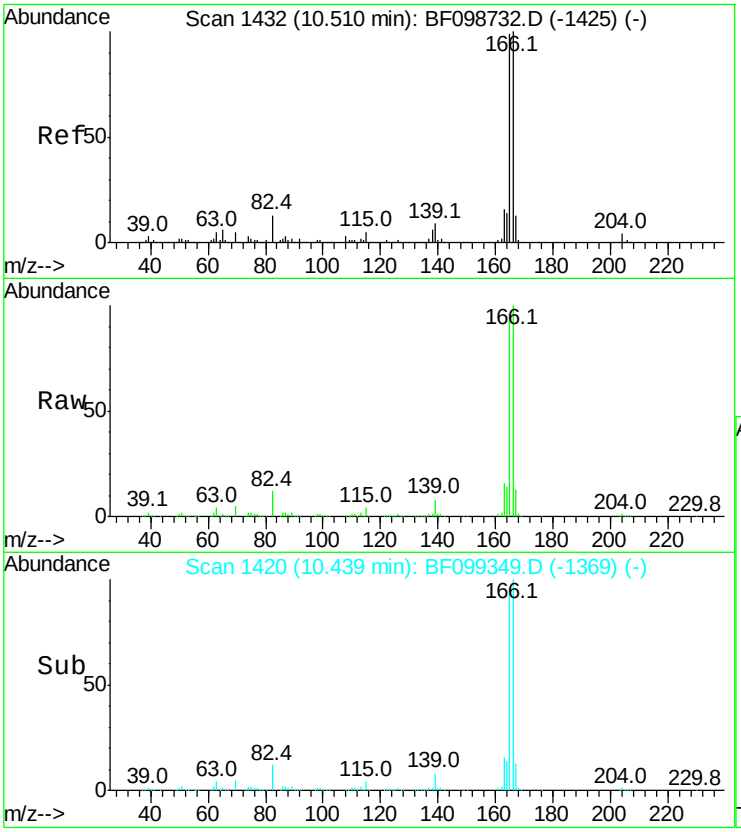




#56
2,4-Dinitrotoluene
Concen: 43.874 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:165 Resp: 183287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.6 | 36.4 | 54.6 |
| 89 | 60.6 | 57.8 | 86.6 |
| 182 | 2.3 | 1.6 | 2.4 |



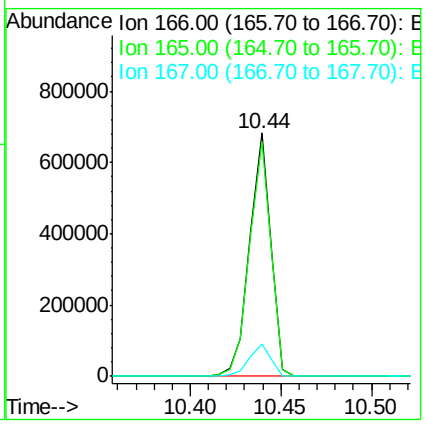


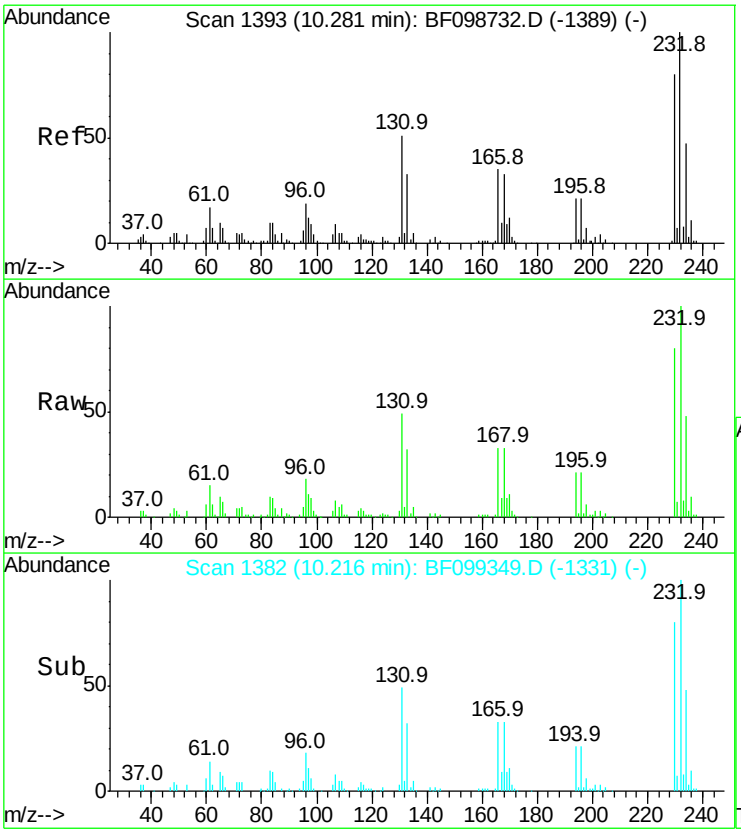

#57
Fluorene
Concen: 42.297 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:166 Resp: 554884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.4 | 79.8 | 119.8 |
| 167 | 13.1 | 10.6 | 16.0 |

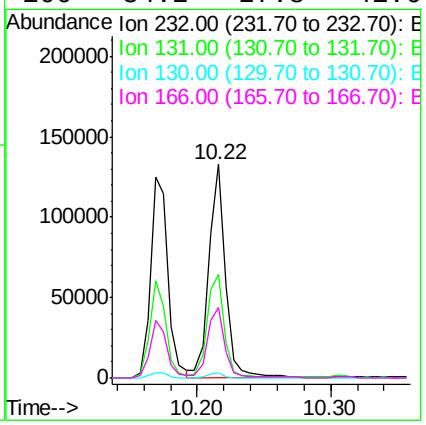


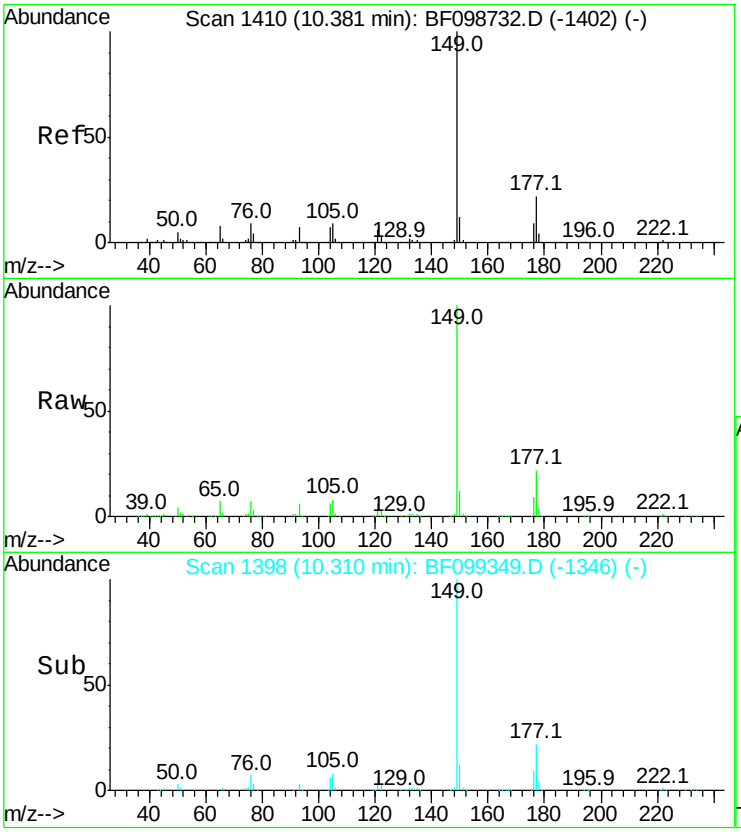




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.529 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:232 Resp: 115676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.5 | 43.8 | 65.8 |
| 130 | 2.3 | 2.1 | 3.1 |
| 166 | 34.2 | 27.8 | 41.6 |



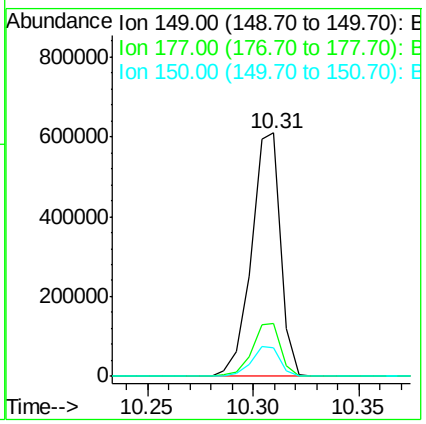


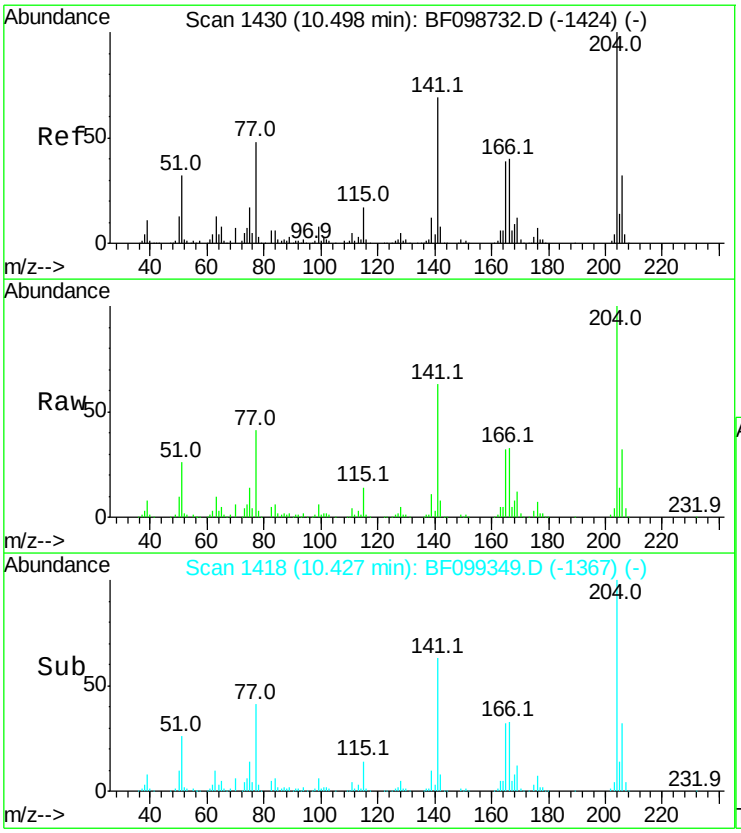

#59
Diethylphthalate
Concen: 40.587 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 586389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 16.1 | 24.1 |
| 150 | 12.0 | 10.1 | 15.1 |

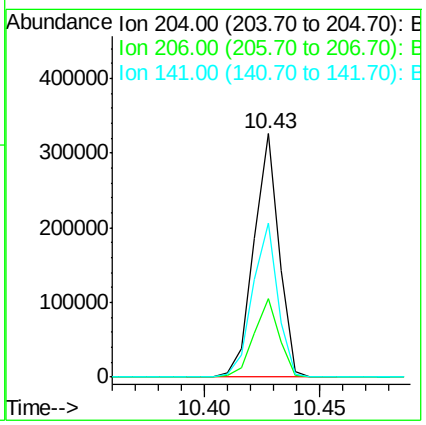


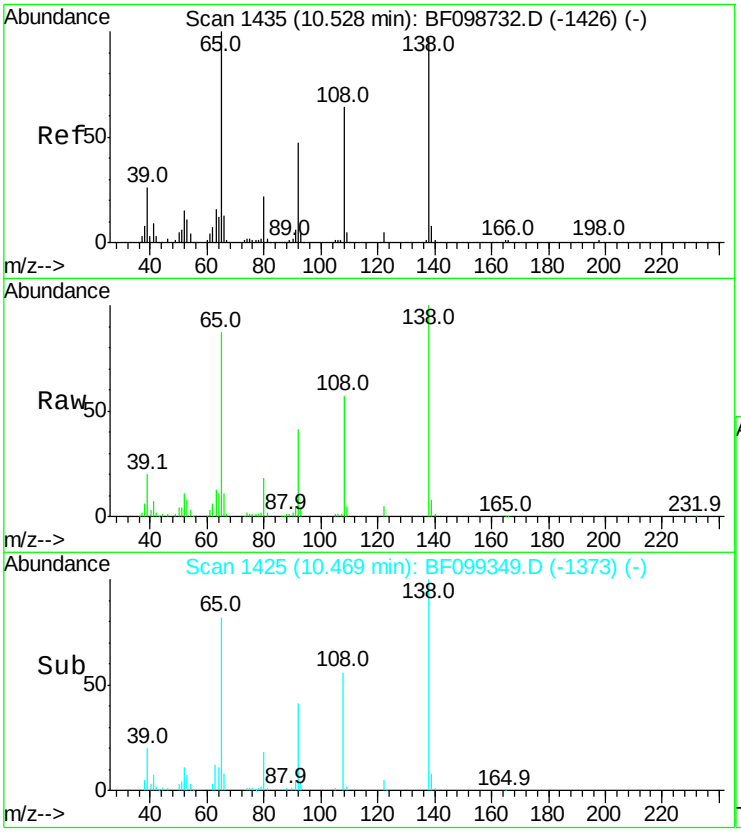




#60
4-Chlorophenyl-phenylether
Concen: 42.215 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:204 Resp: 248767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.5 | 39.7 |
| 141 | 63.5 | 54.6 | 81.8 |



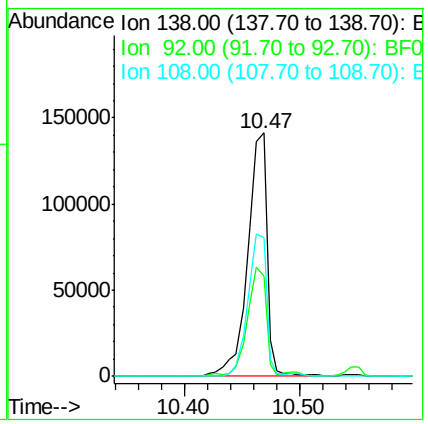


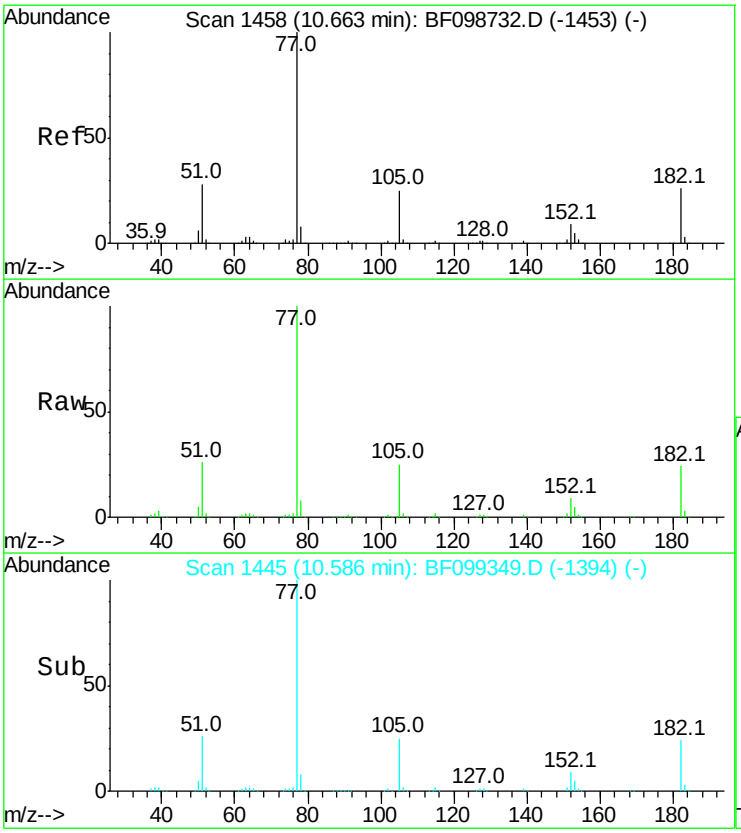

#61
4-Nitroaniline
Concen: 45.654 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 165314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 41.1 | 30.2 | 70.2 |
| 108 | 57.1 | 52.5 | 92.5 |

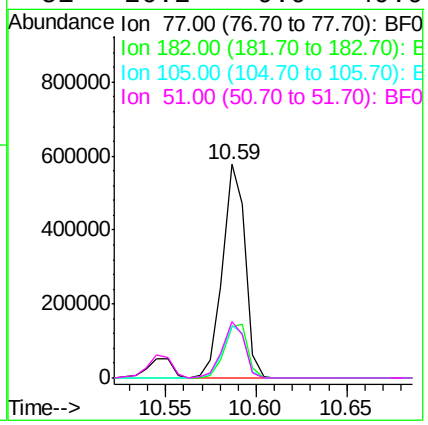


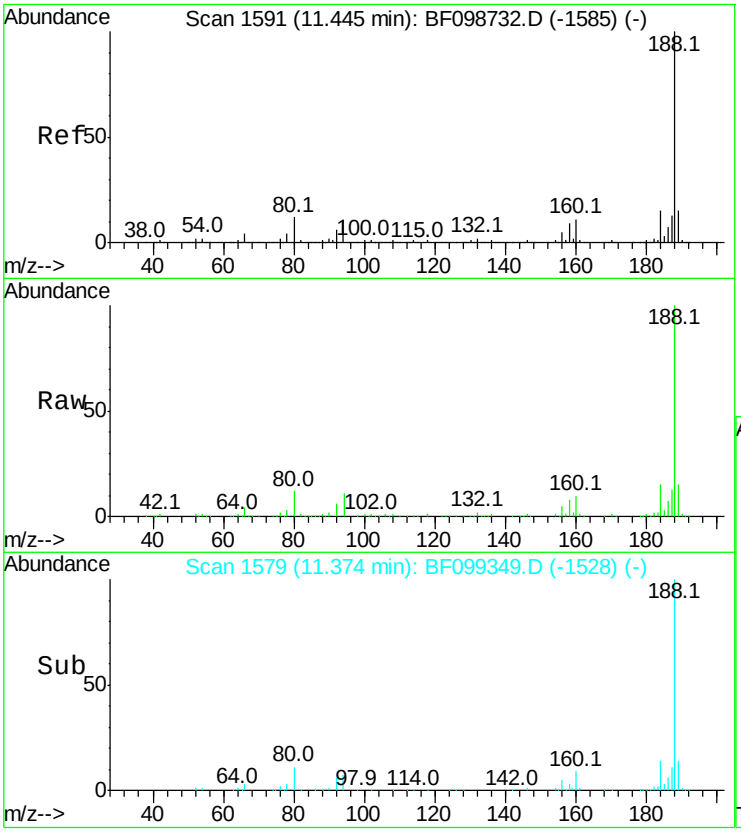




#62
Azobenzene
Concen: 37.674 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 77 Resp: 500471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 1.7 | 41.7 |
| 105 | 24.8 | 3.0 | 43.0 |
| 51 | 26.2 | 9.9 | 49.9 |



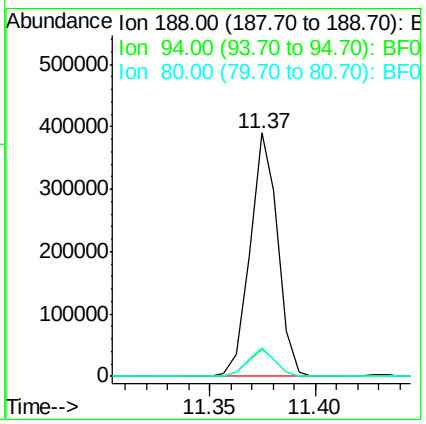


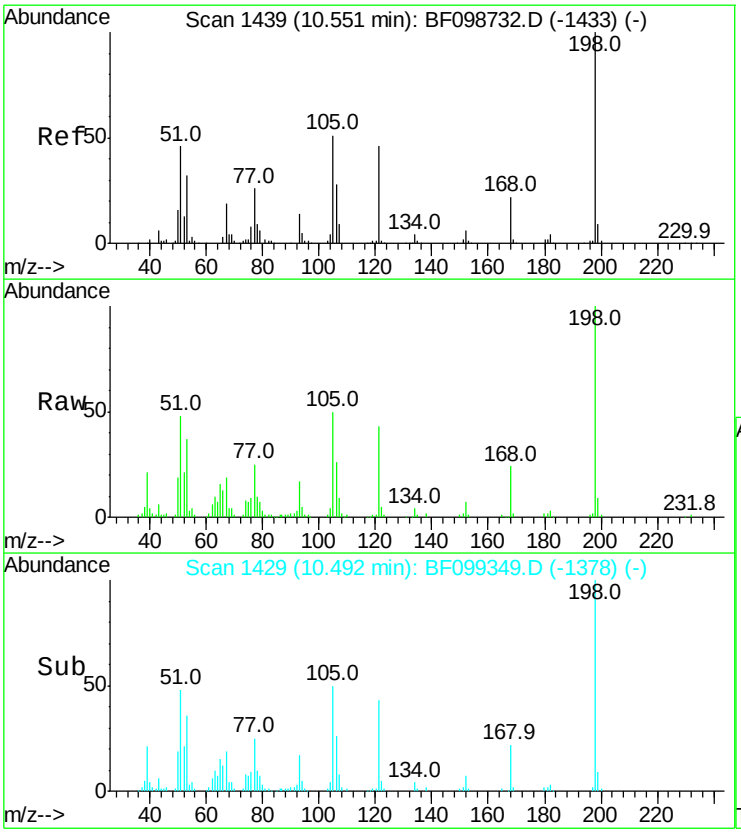

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:188 Resp: 353390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.3 | 8.5 | 12.7 |
| 80 | 11.8 | 9.2 | 13.8 |

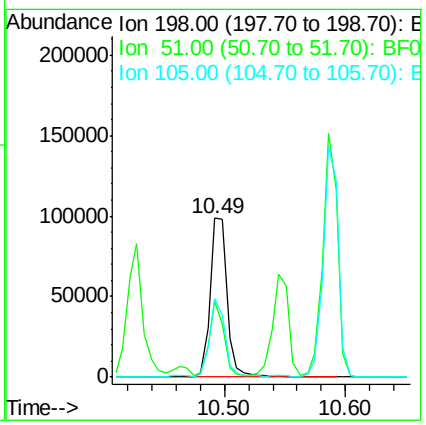


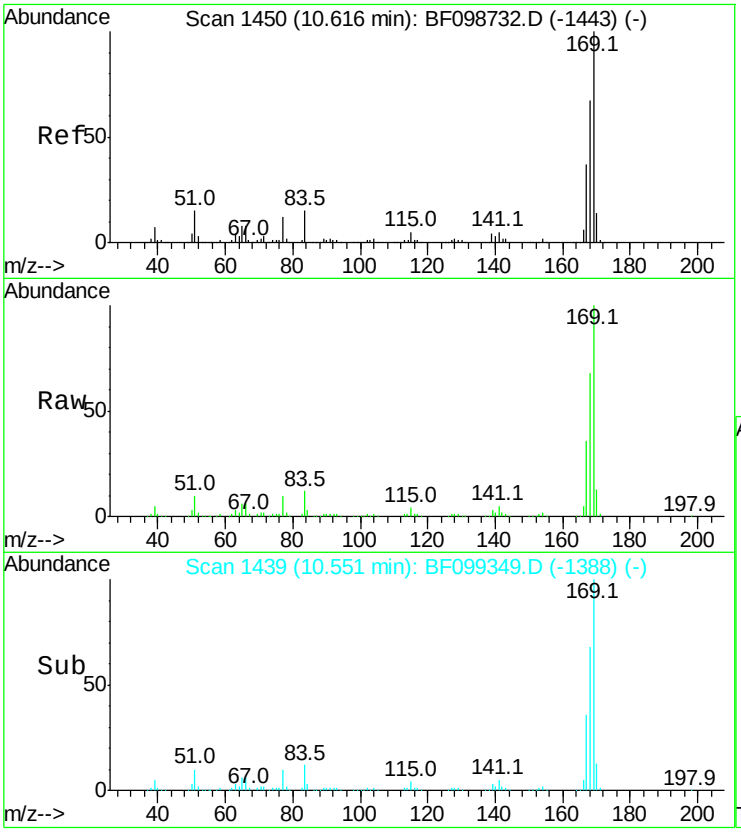




#64
4,6-Dinitro-2-methylphenol
Concen: 44.257 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:198 Resp: 95158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.5 | 37.7 | 77.7 |
| 105 | 49.8 | 36.3 | 76.3 |



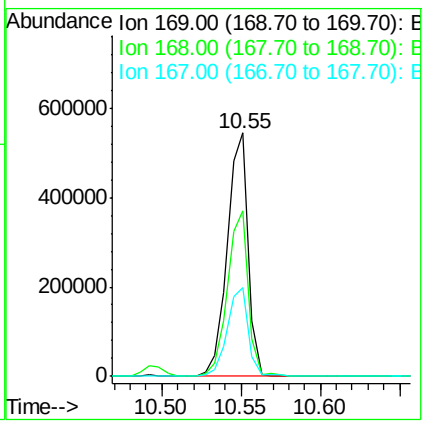


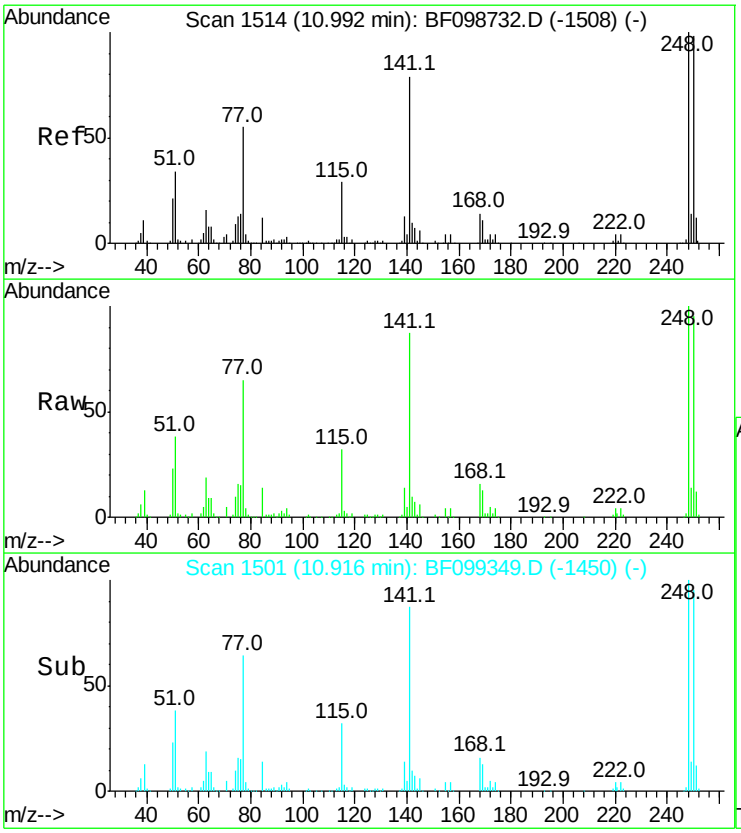

#65
n-Nitrosodiphenylamine
Concen: 40.494 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:169 Resp: 495751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.9 | 54.4 | 81.6 |
| 167 | 36.5 | 29.8 | 44.6 |

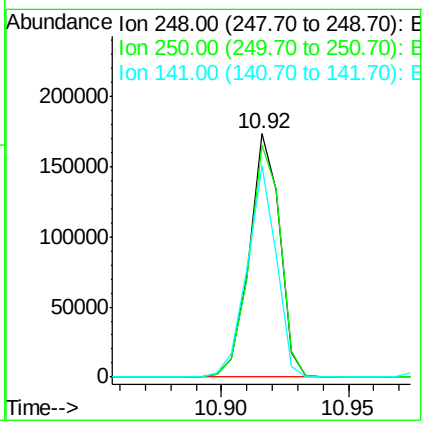


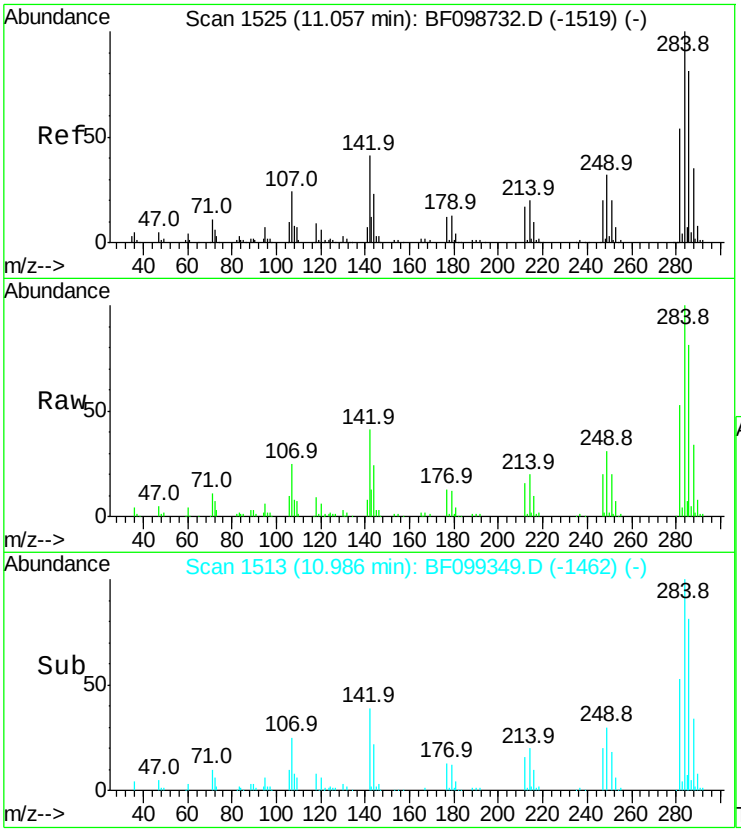




#66
4-Bromophenyl-phenylether
Concen: 41.963 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:248 Resp: 145155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.2 | 76.9 | 115.3 |
| 141 | 87.2 | 74.4 | 111.6 |



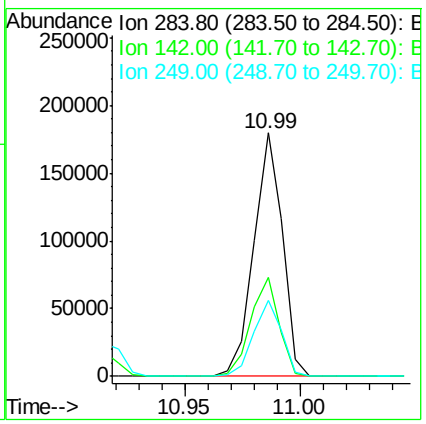


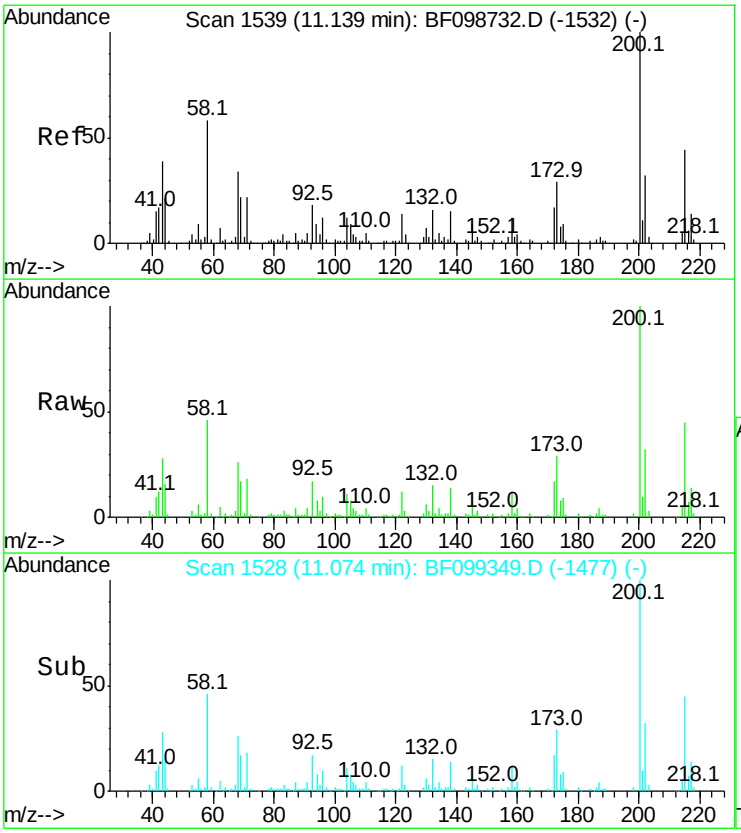

#67
Hexachlorobenzene
Concen: 42.130 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:284 Resp: 155649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.8 | 34.6 | 52.0 |
| 249 | 31.2 | 24.8 | 37.2 |

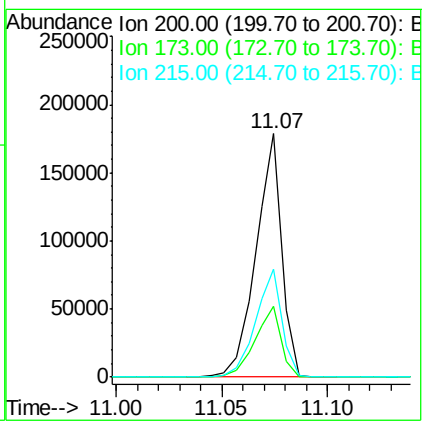


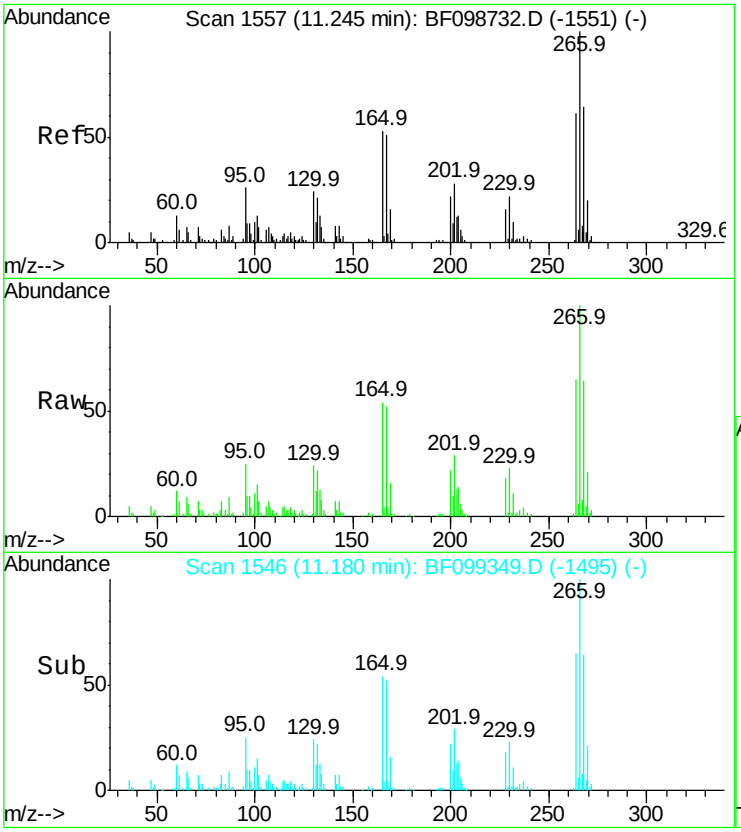




#68
Atrazine
Concen: 41.213 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:200 Resp: 151803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.1 | 8.6 | 48.6 |
| 215 | 44.5 | 25.1 | 65.1 |



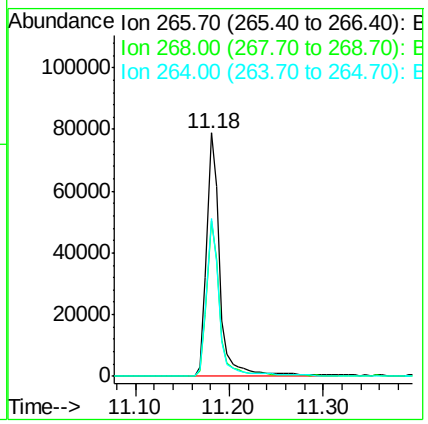


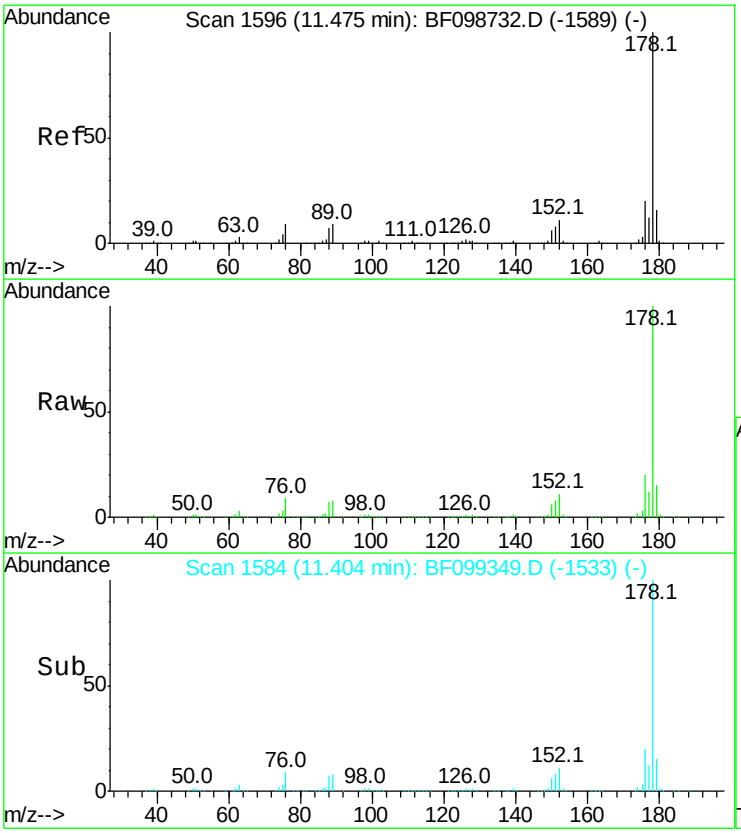

#69
Pentachlorophenol
Concen: 34.422 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:266 Resp: 79147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.1 | 76.7 |
| 264 | 65.1 | 49.5 | 74.3 |

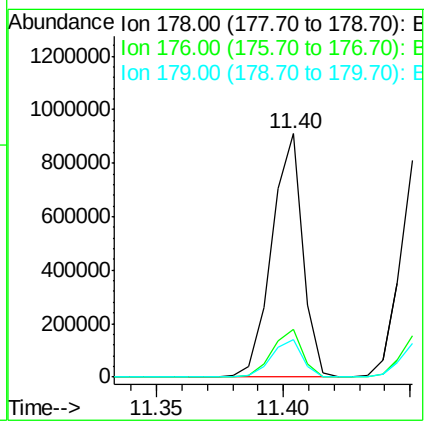


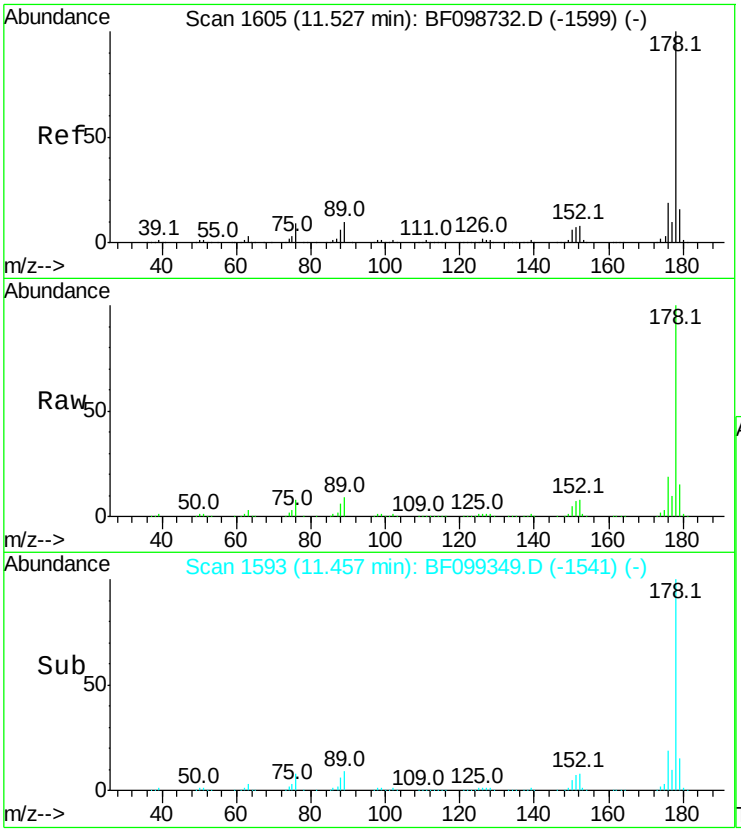




#70
Phenanthrene
Concen: 41.233 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:178 Resp: 779959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.8 | 23.8 |
| 179 | 15.4 | 13.0 | 19.6 |



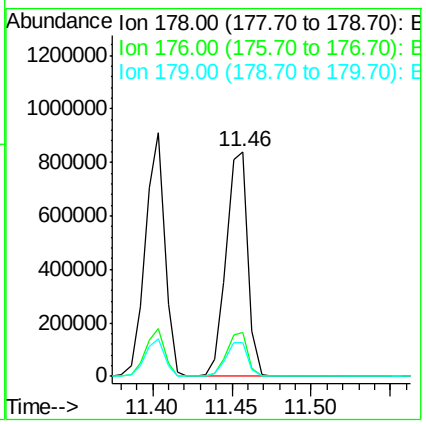


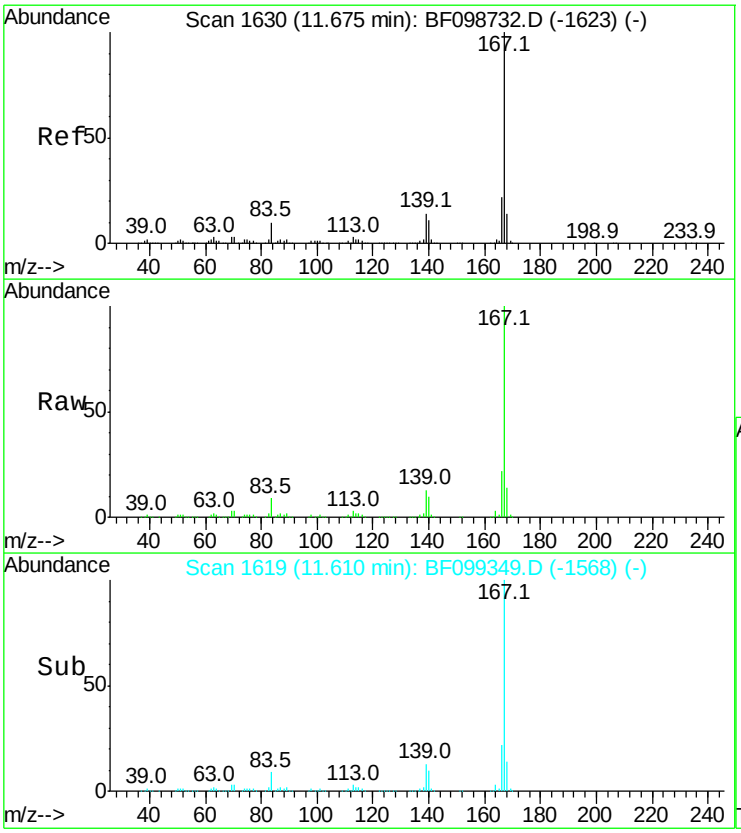

#71
Anthracene
Concen: 41.260 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 798577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.1 | 12.6 | 19.0 |

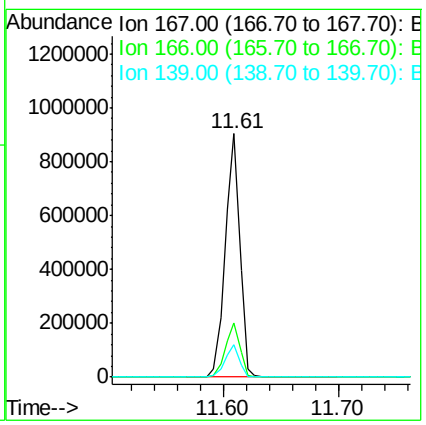


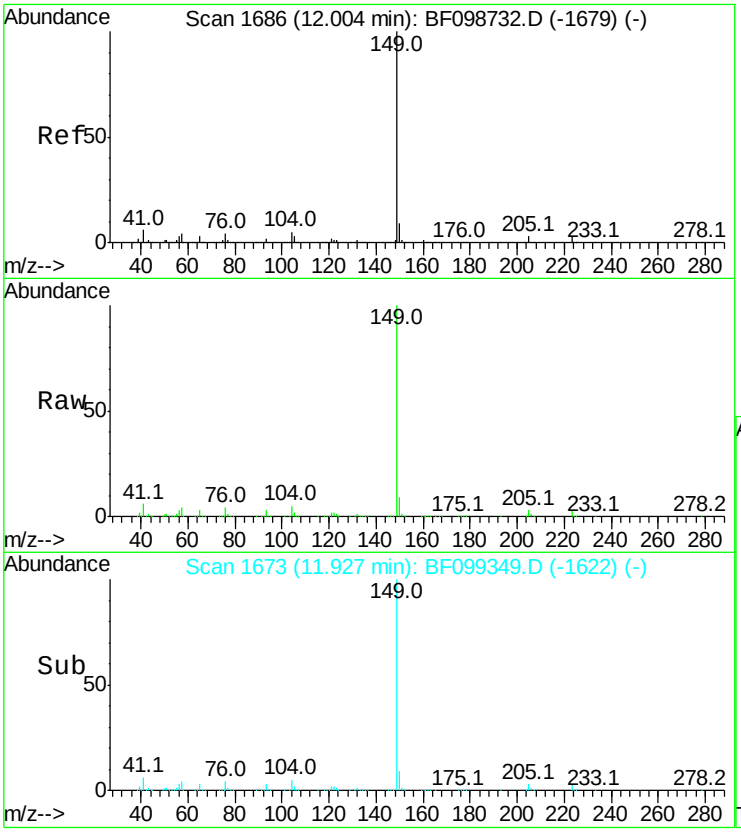




#72
Carbazole
Concen: 41.494 ng
RT: 11.61 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:167 Resp: 786451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.6 | 26.4 |
| 139 | 13.1 | 10.9 | 16.3 |



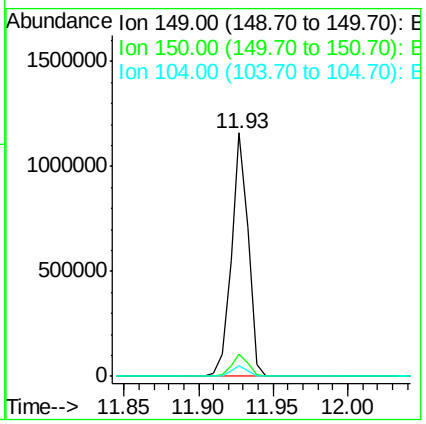


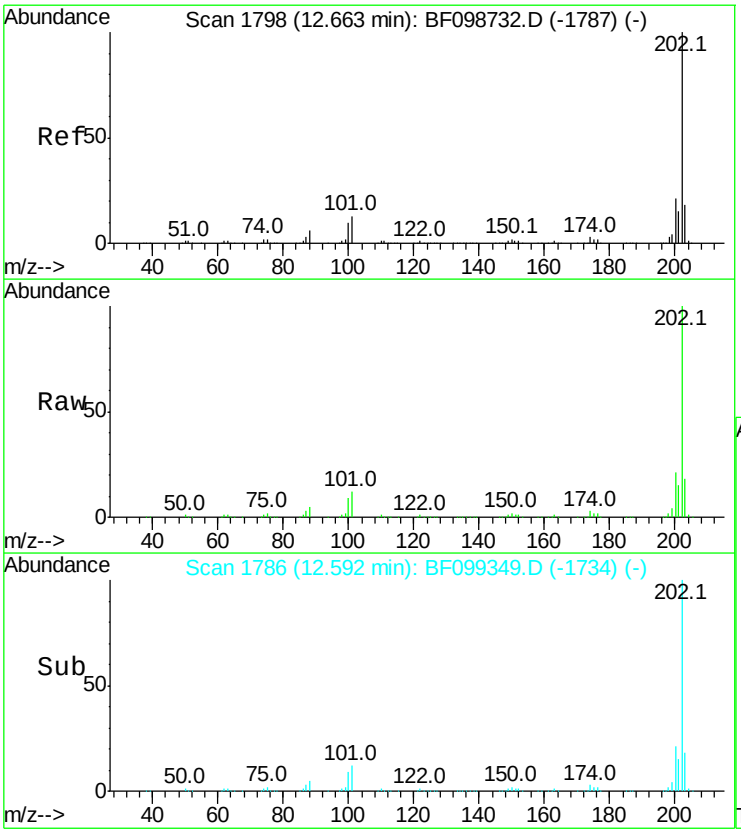

#73
Di-n-butylphthalate
Concen: 40.246 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 918147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.5 | 3.8 | 5.8 |

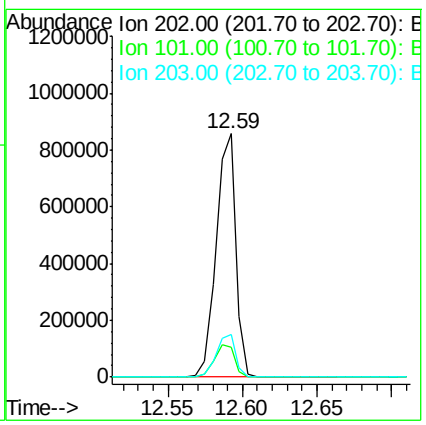


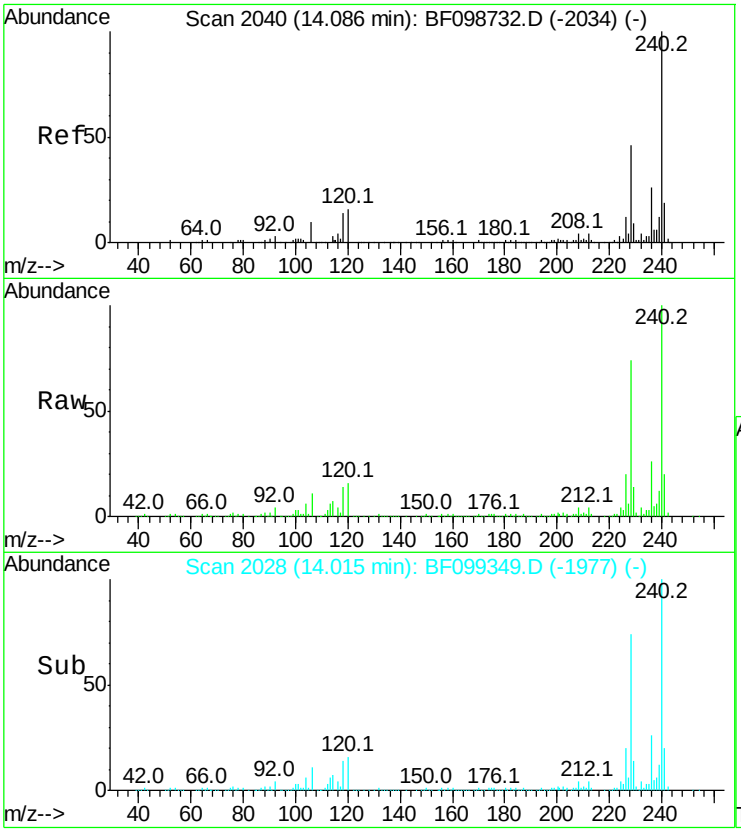




#74
Fluoranthene
Concen: 41.348 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:202 Resp: 792010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 0.0 | 34.1 |
| 203 | 17.6 | 0.0 | 38.1 |



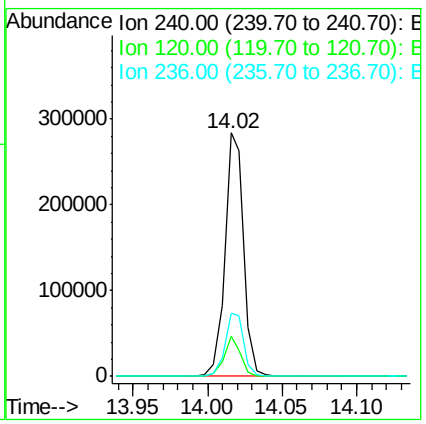


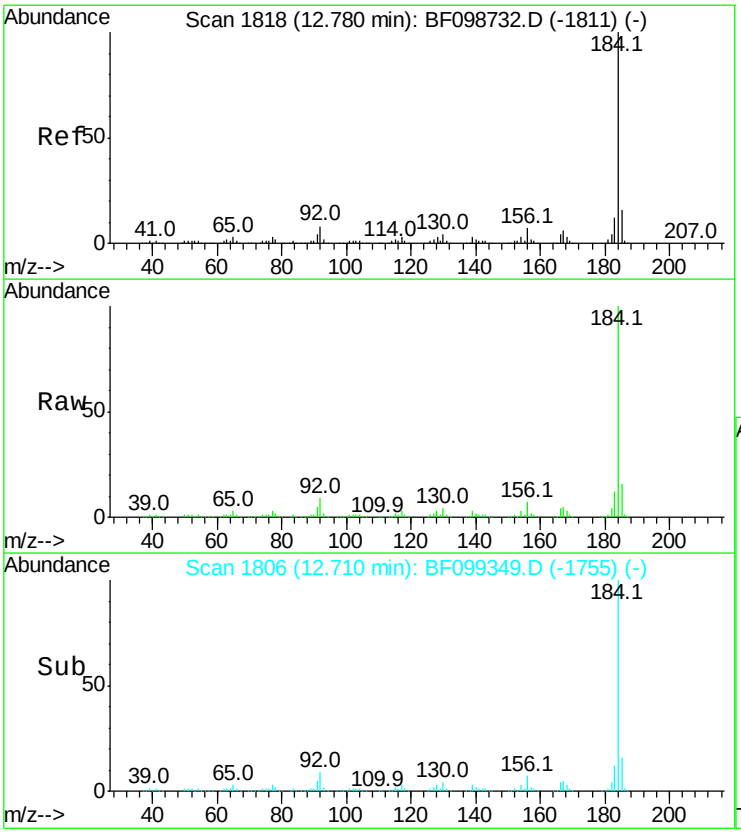

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:240 Resp: 251715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.2 | 9.5 | 14.3# |
| 236 | 25.9 | 20.7 | 31.1 |

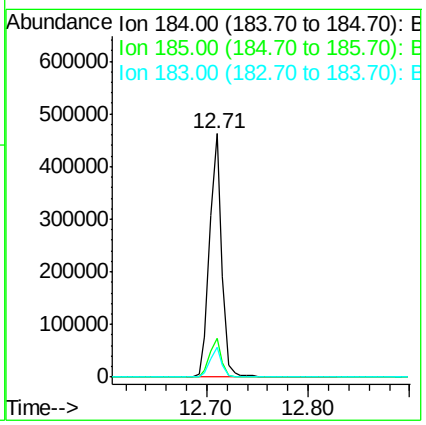


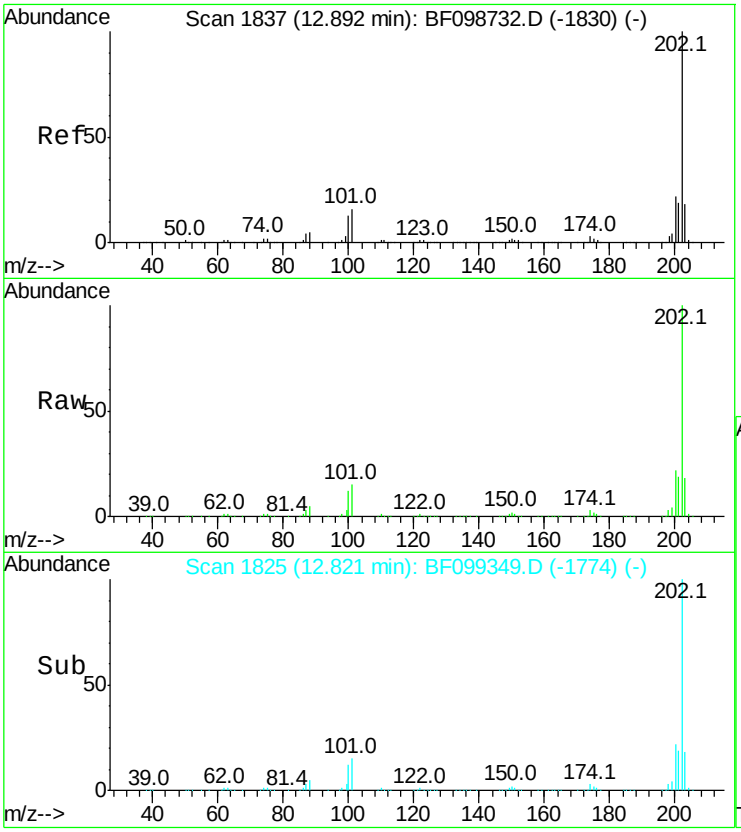




#76
Benzidine
Concen: 41.578 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:184 Resp: 387096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.7 | 12.6 | 18.8 |
| 183 | 12.2 | 9.3 | 13.9 |



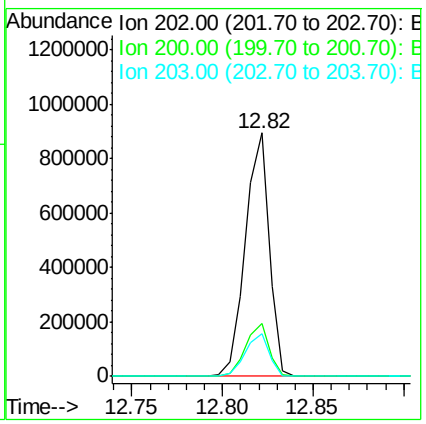


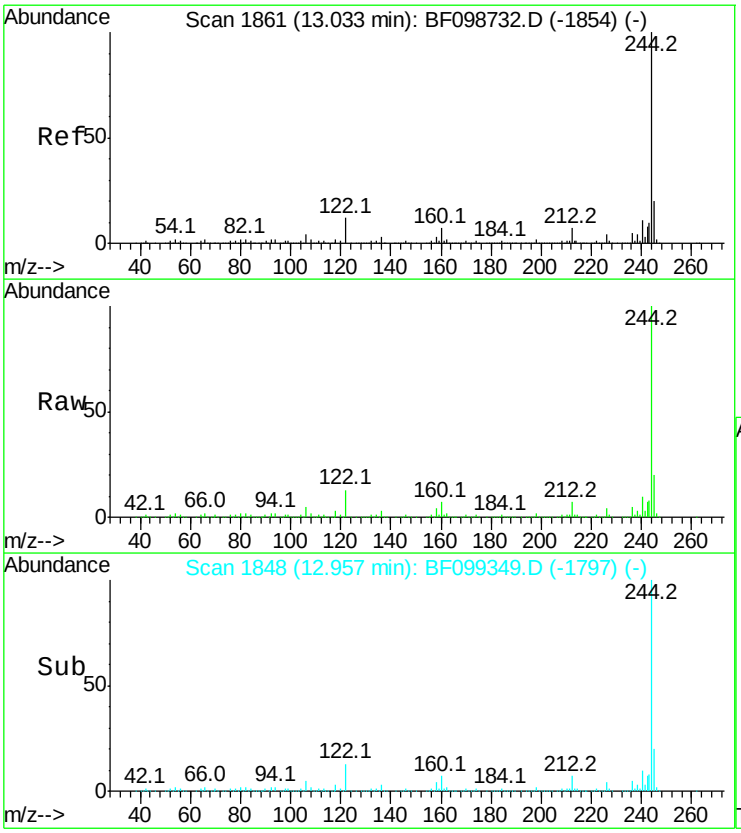

#77
Pyrene
Concen: 42.644 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 818518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.4 | 26.2 |
| 203 | 17.6 | 14.3 | 21.5 |

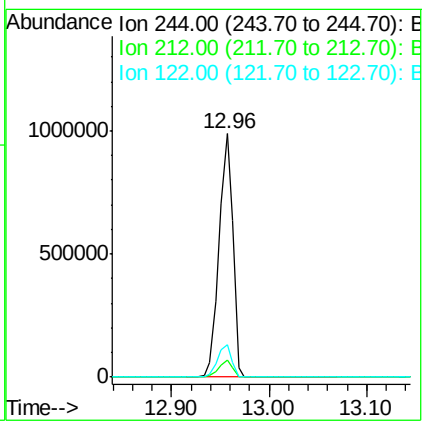


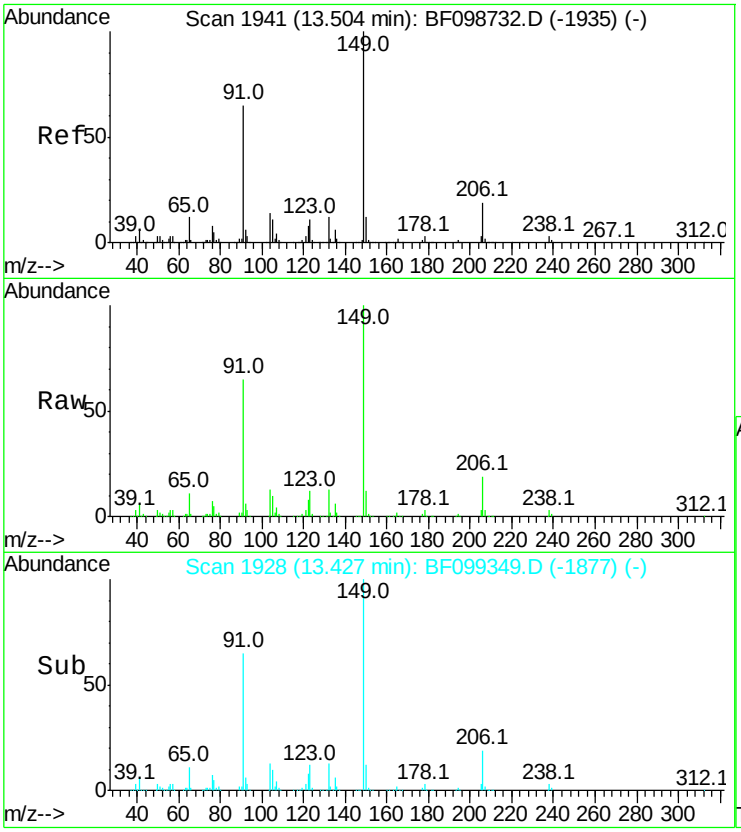




#78
Terphenyl-d14
Concen: 87.883 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:244 Resp: 972711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.4 | 8.0 |
| 122 | 13.4 | 11.0 | 16.4 |



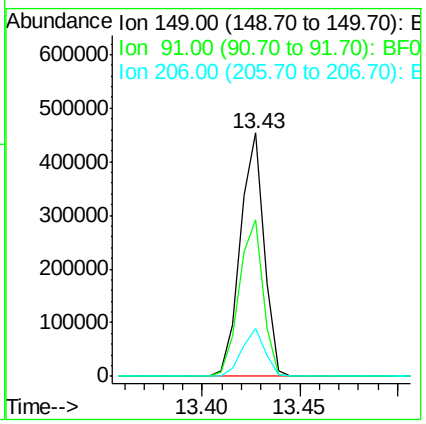


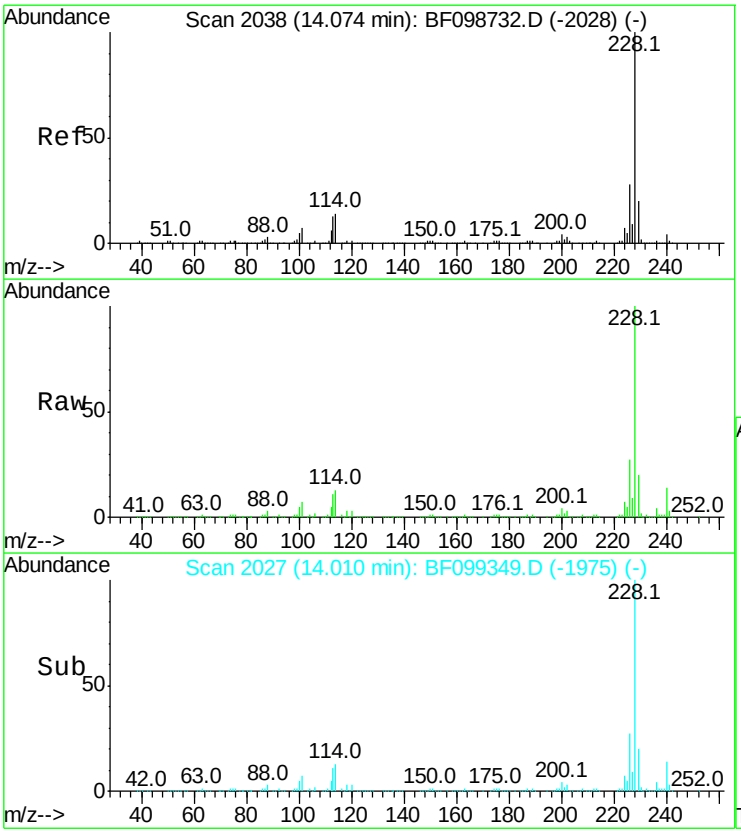

#79
Butylbenzylphthalate
Concen: 42.336 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 381908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.5 | 56.8 | 85.2 |
| 206 | 19.5 | 14.1 | 21.1 |

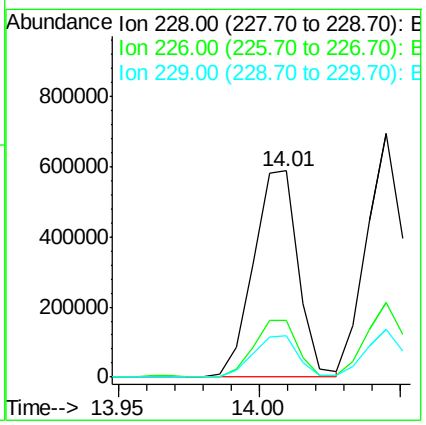


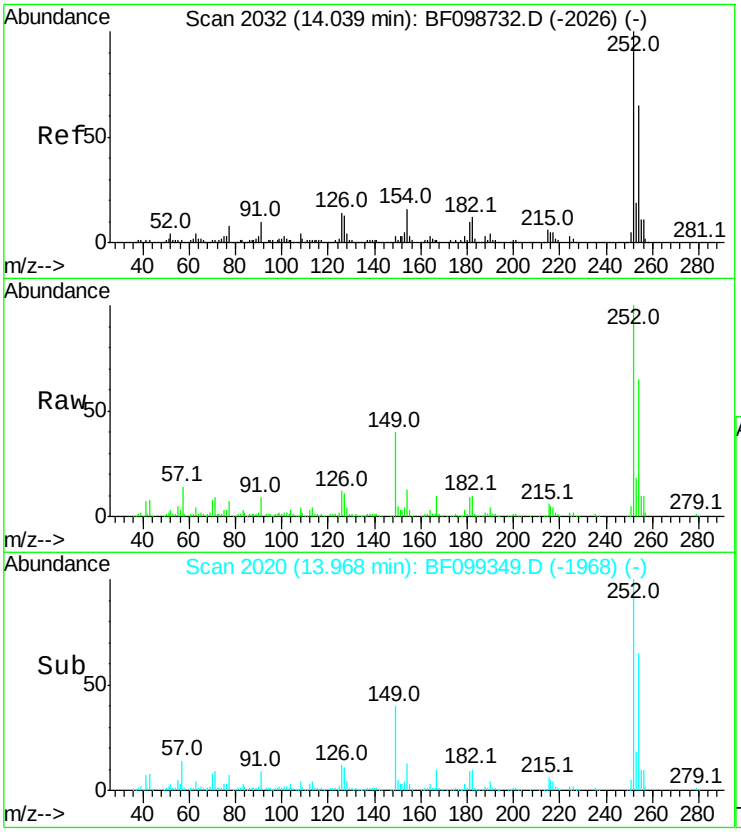




#80
Benzo(a)anthracene
Concen: 42.458 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:228 Resp: 647151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.6 | 33.8 |
| 229 | 19.8 | 15.8 | 23.6 |



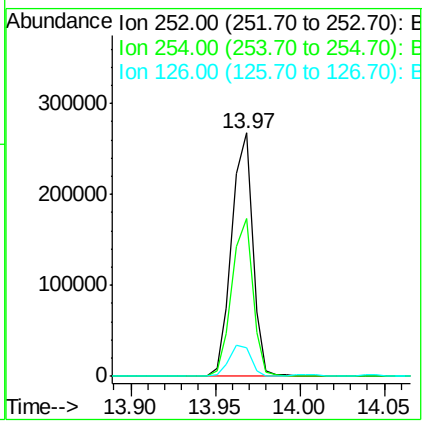


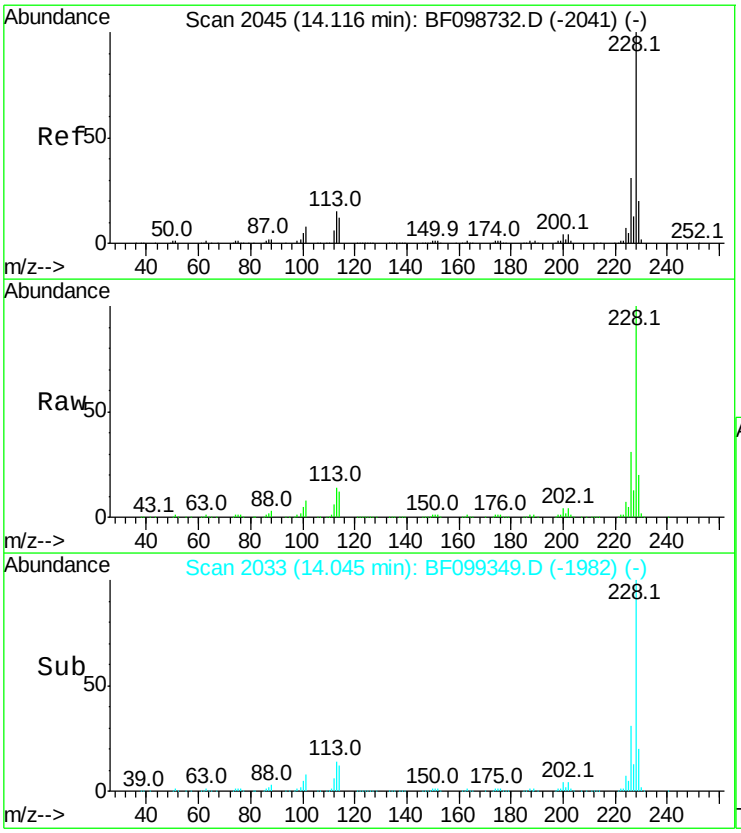

#81
3,3'-Dichlorobenzidine
Concen: 41.544 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Tgt Ion:252 Resp: 232129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.0 | 50.4 | 75.6 |
| 126 | 11.8 | 11.3 | 16.9 |

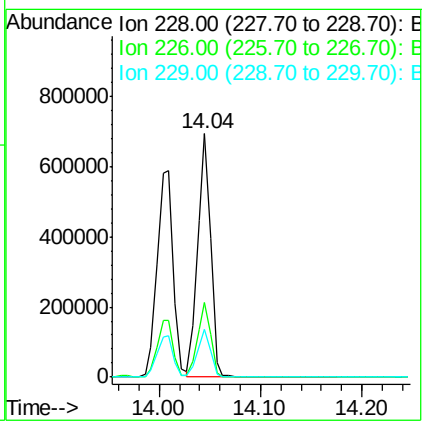


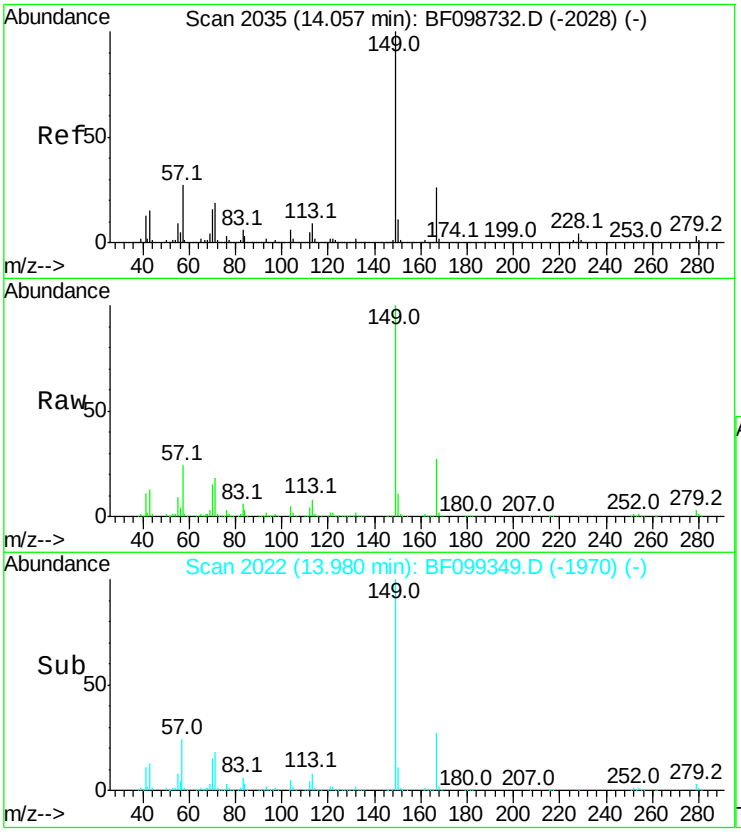




#82
Chrysene
Concen: 42.681 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:228 Resp: 619351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 25.0 | 37.6 |
| 229 | 19.7 | 16.2 | 24.4 |



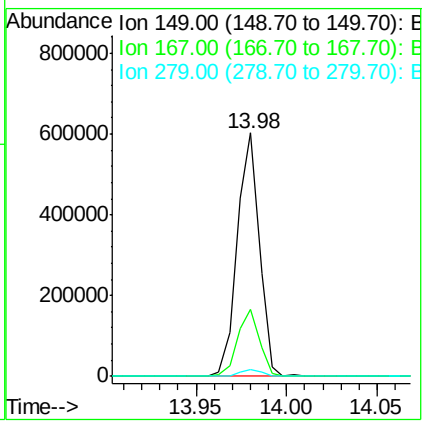


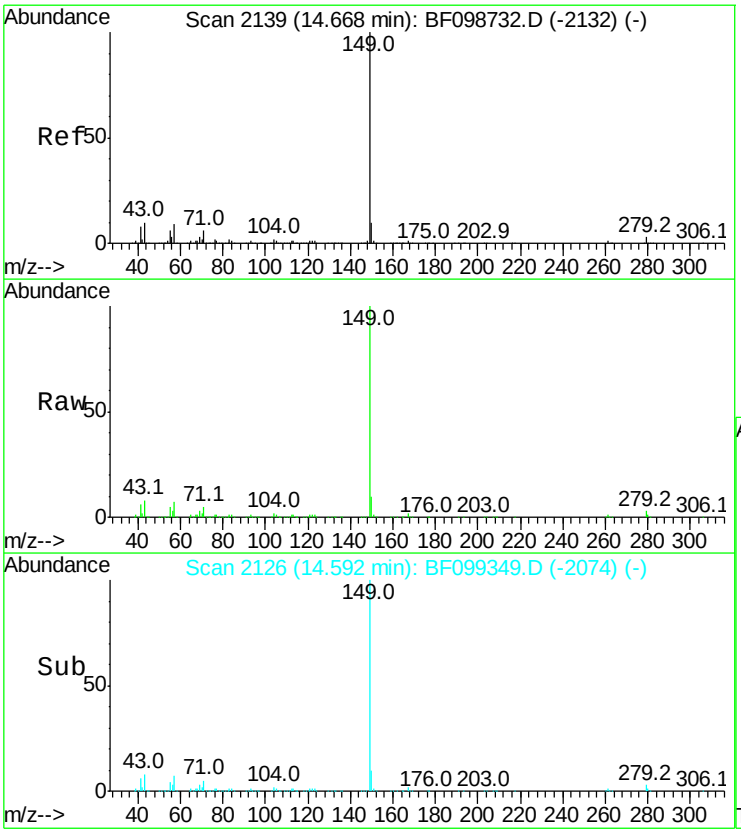

#83
Bis(2-ethylhexyl)phthalate
Concen: 41.211 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 511891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 21.3 | 31.9 |
| 279 | 3.0 | 3.0 | 4.4 |

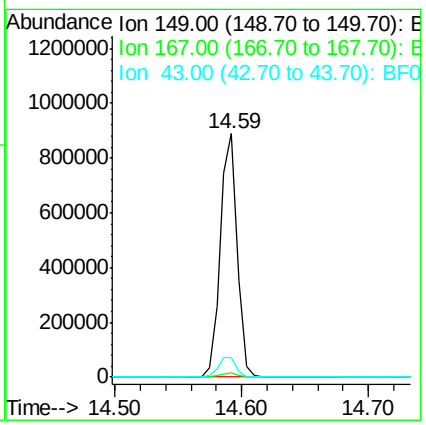


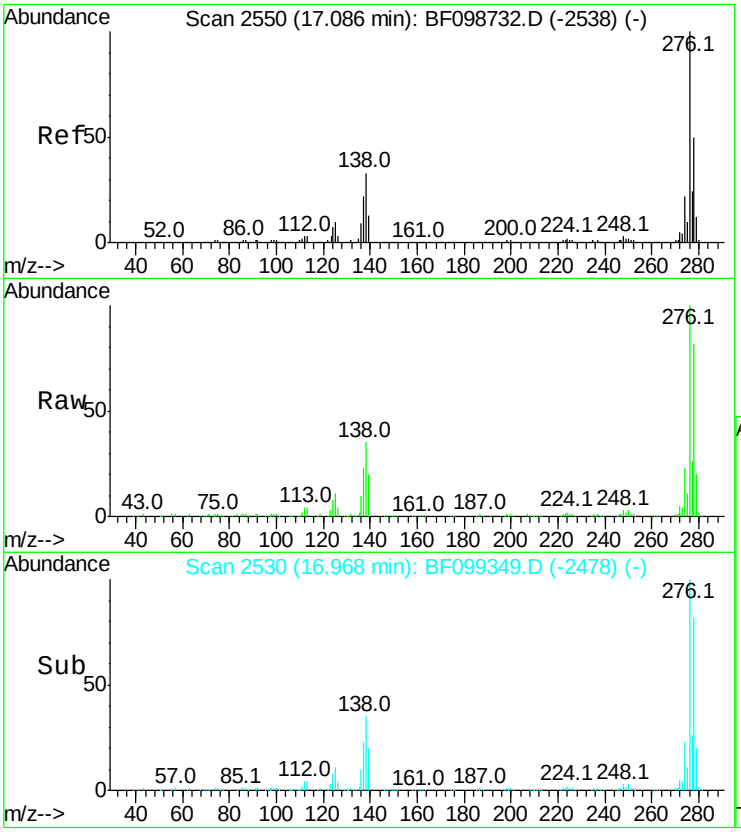




#84
Di-n-octyl phthalate
Concen: 41.192 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:149 Resp: 823867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.8 | 8.4 | 12.6 |



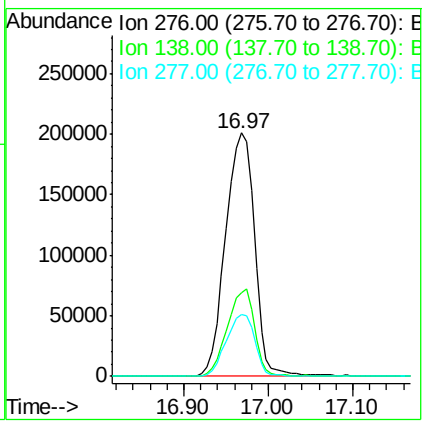


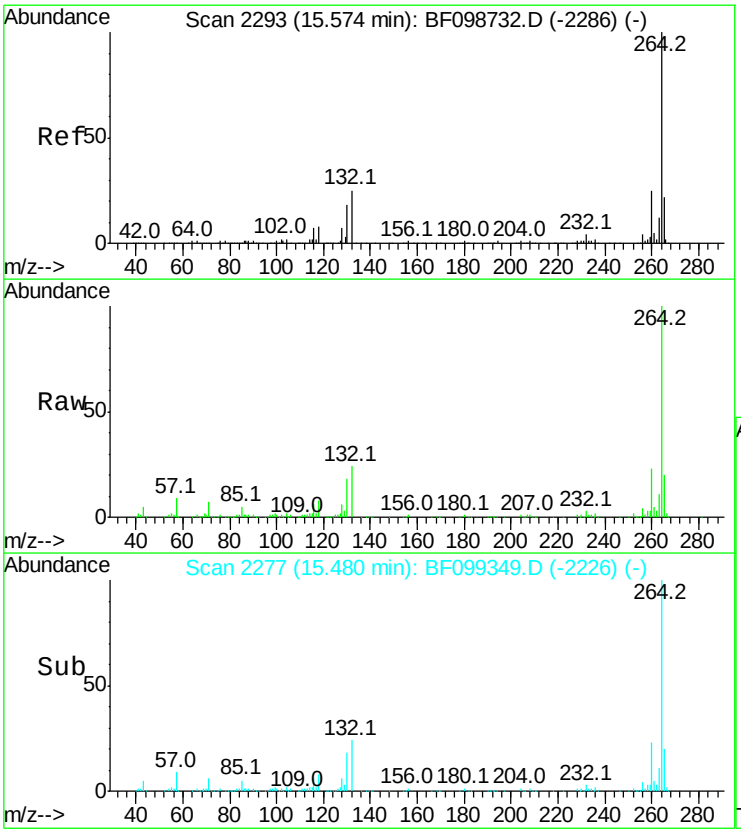

#85
Indeno(1,2,3-cd)pyrene
Concen: 41.136 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 477500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 33.8 | 25.0 | 37.6 |
| 277 | 25.3 | 20.1 | 30.1 |

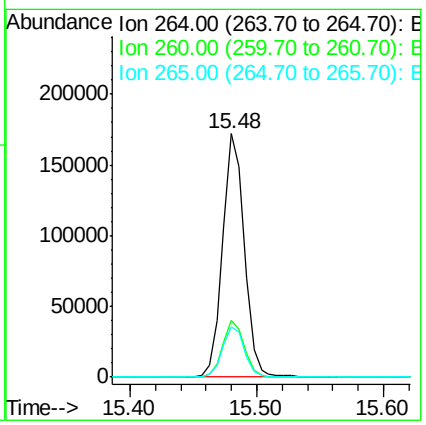


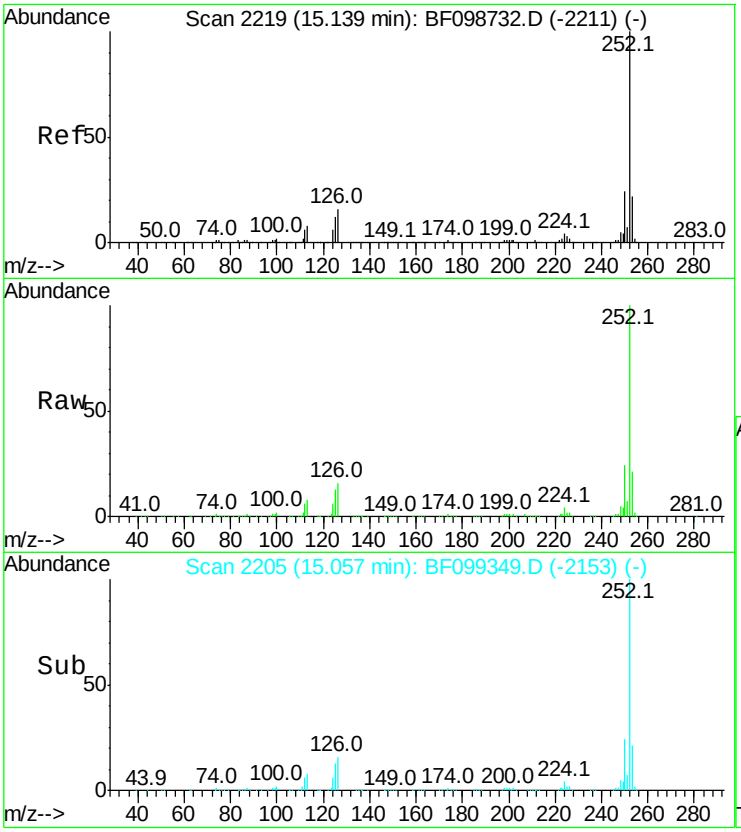




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:264 Resp: 203820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 19.2 | 28.8 |
| 265 | 20.5 | 17.5 | 26.3 |



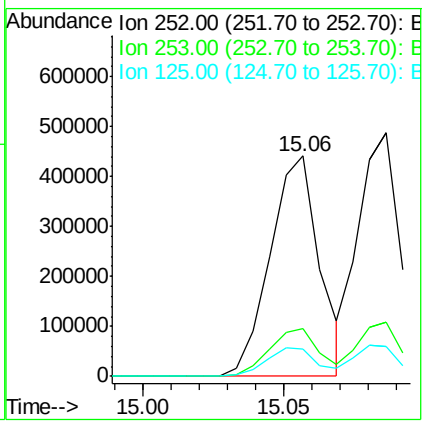


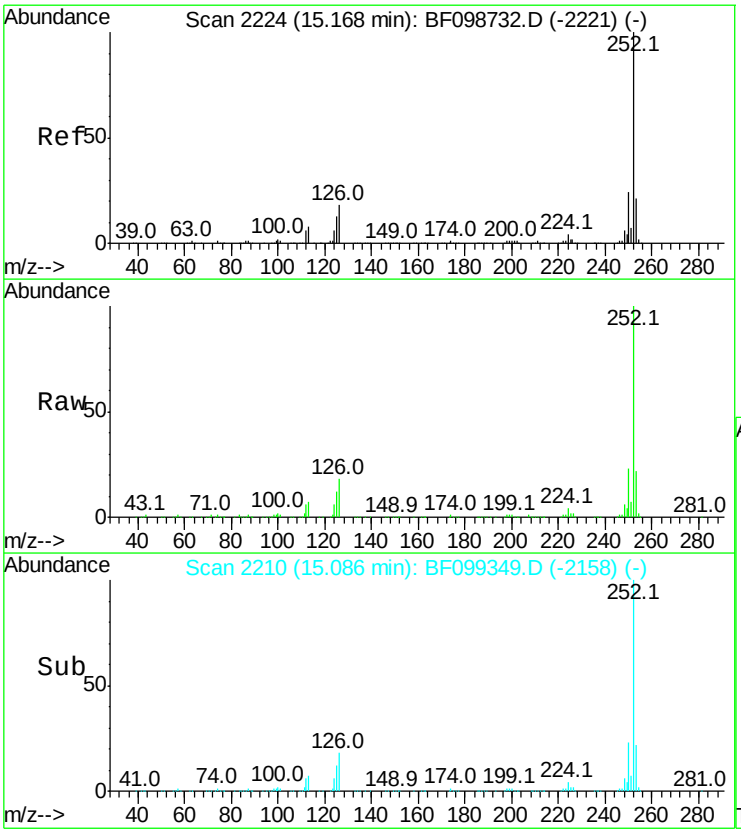

#87
Benzo(b)fluoranthene
Concen: 42.740 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 535602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.0 | 25.6 |
| 125 | 12.6 | 9.0 | 13.6 |

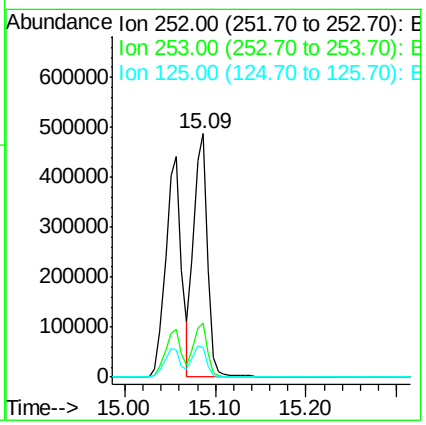


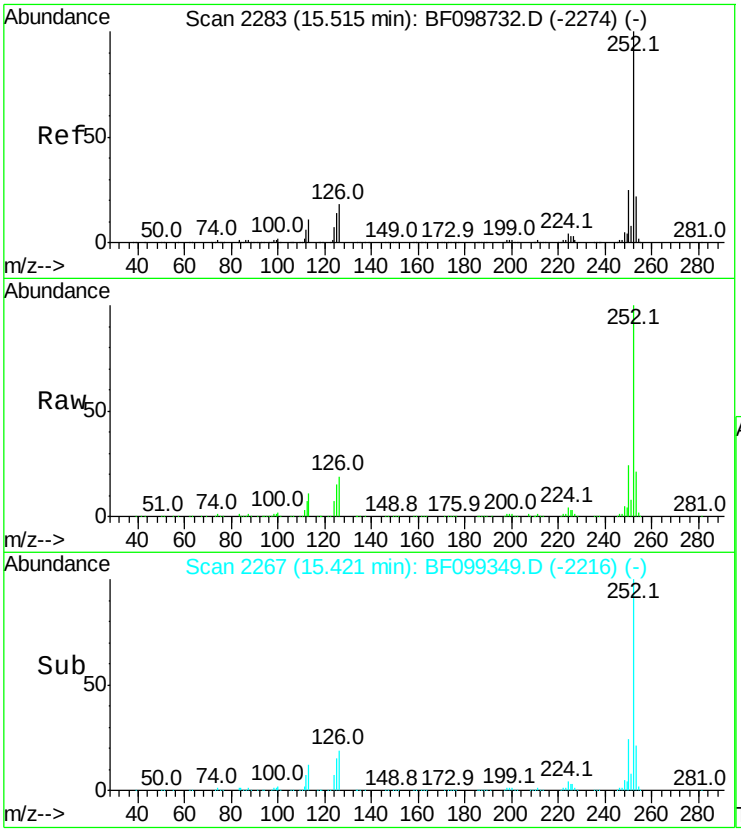




#88
Benzo(k)fluoranthene
Concen: 41.234 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:252 Resp: 510371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.9 | 26.9 |
| 125 | 12.2 | 10.2 | 15.2 |



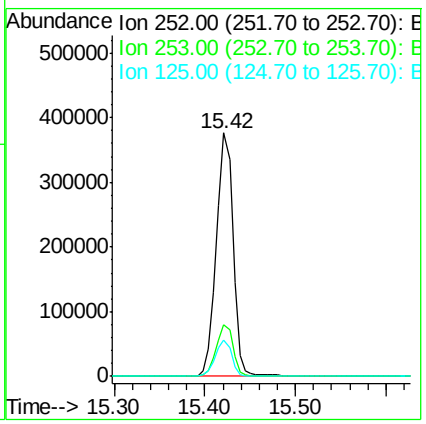


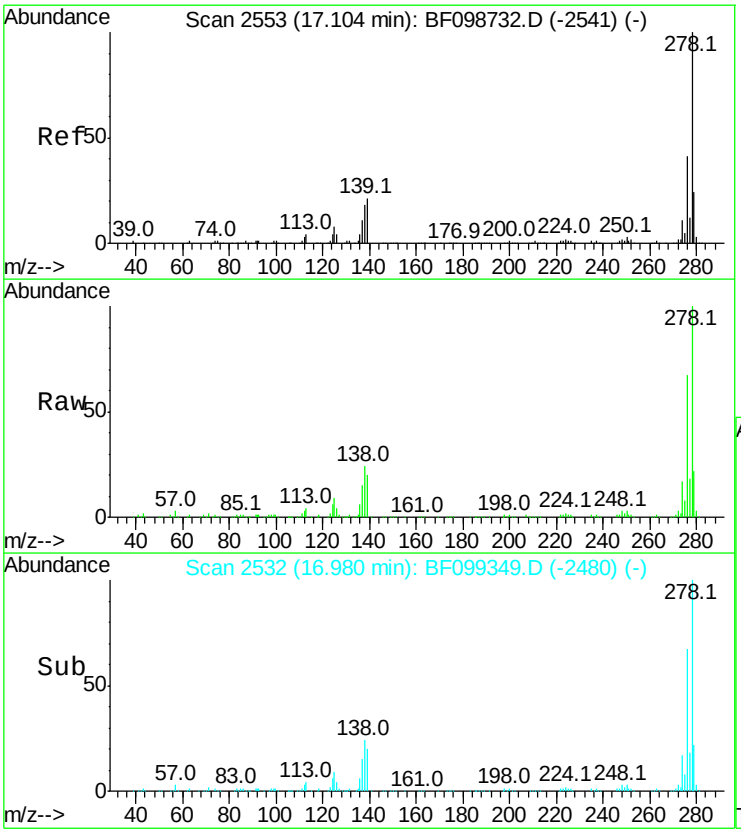

#89
Benzo(a)pyrene
Concen: 42.125 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 484573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.1 | 25.7 |
| 125 | 14.8 | 9.8 | 14.6# |

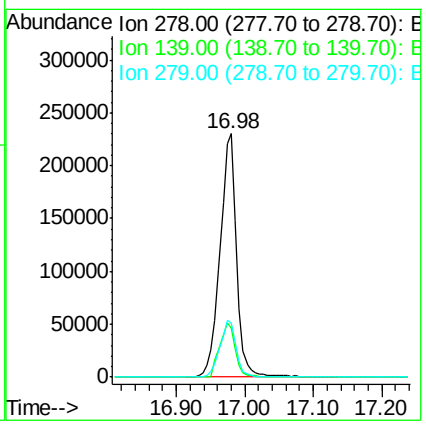


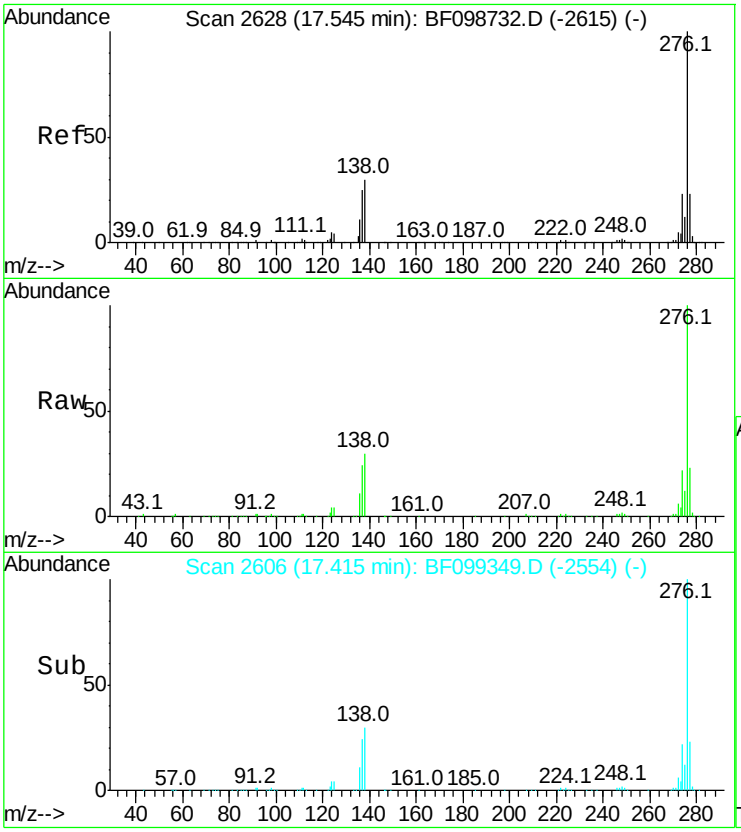




#90
Dibenzo(a,h)anthracene
Concen: 42.043 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:278 Resp: 387049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.4 | 15.9 | 23.9 |
| 279 | 22.4 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 43.692 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 397590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 17.9 | 26.9 |
| 138 | 29.8 | 21.8 | 32.8 |