Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095627.D
Acq On : 2 Jun 2017 9:46
Operator : SJ/MA
Sample : I3415-01 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-U6-SSW

Quant Time: Jun 17 00:59:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 127357 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.57 | 136 | 461614 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 12.39 | 164 | 213399 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 14.80 | 188 | 338210 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 18.49 | 240 | 233770 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 20.17 | 264 | 218652 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 22175 | 2.90 | ng | | 0.11 |
| 7) Phenol-d6 | 7.16 | 99 | 80060 | 8.73 | ng | | 0.06 |
| 23) Nitrobenzene-d5 | 8.50 | 82 | 38963 | 5.32 | ng | | 0.04 |
| 41) 2,4,6-Tribromophenol | 13.73 | 330 | 6594 | 3.77 | ng | | 0.04 |
| 44) 2-Fluorobiphenyl | 11.35 | 172 | 102823 | 6.94 | ng | | 0.00 |
| 78) Terphenyl-d14 | 17.14 | 244 | 59956 | 5.65 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.87 | 88 | 110 | 0.029 | ng | # | 21 |
| 9) Benzaldehyde | 7.02 | 77 | 415 | 0.074 | ng | # | 82 |
| 10) Phenol | 7.20 | 94 | 1020 | 0.106 | ng | # | 59 |
| 15) Benzyl Alcohol | 7.78 | 79 | 569 | 0.097 | ng | # | 11 |
| 18) Hexachloroethane | 8.36 | 117 | 123 | 0.036 | ng | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 8.50 | 70 | 1342 | 0.216 | ng | # | 71 |
| 22) Acetophenone | 8.21 | 105 | 2106 | 0.190 | ng | # | 46 |
| 24) Nitrobenzene | 8.44 | 77 | 560 | 0.073 | ng | # | 39 |
| 25) Isophorone | 8.87 | 82 | 258 | 0.020 | ng | # | 67 |
| 31) Naphthalene | 9.61 | 128 | 7110 | 0.306 | ng | # | 86 |
| 33) 4-Chloroaniline | 9.62 | 127 | 838 | 0.097 | ng | # | 30 |
| 37) 2-Methylnaphthalene | 10.83 | 142 | 116 | 0.008 | ng | # | 15 |
| 48) Acenaphthylene | 12.20 | 152 | 764 | 0.034 | ng | # | 60 |
| 49) Dimethylphthalate | 12.06 | 163 | 36845 | 2.103 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 12.39 | 165 | 26374 | 7.379 | ng | # | 34 |
| 51) Acenaphthene | 12.45 | 154 | 3599 | 0.265 | ng | # | 90 |
| 54) Dibenzofuran | 12.82 | 168 | 2428 | 0.129 | ng | # | 45 |
| 55) 4-Nitrophenol | 12.82 | 139 | 159 | 0.069 | ng | # | 25 |
| 57) Fluorene | 13.33 | 166 | 3079 | 0.189 | ng | # | 82 |
| 70) Phenanthrene | 14.84 | 178 | 55689 | 2.866 | ng | | 97 |
| 71) Anthracene | 14.96 | 178 | 14607 | 0.736 | ng | | 94 |
| 72) Carbazole | 15.27 | 167 | 5959 | 0.330 | ng | # | 84 |
| 73) Di-n-butylphthalate | 15.79 | 149 | 10501 | 0.466 | ng | | 97 |
| 74) Fluoranthene | 16.60 | 202 | 86110 | 4.320 | ng | | 97 |
| 77) Pyrene | 16.91 | 202 | 77762 | 4.448 | ng | | 95 |
| 79) Butylbenzylphthalate | 17.82 | 149 | 635 | 0.078 | ng | # | 74 |
| 80) Benzo(a)anthracene | 18.49 | 228 | 29176 | 2.144 | ng | | 98 |
| 82) Chrysene | 18.53 | 228 | 29713 | 2.259 | ng | | 94 |
| 83) Bis(2-ethylhexyl)phthalate | 18.55 | 149 | 7401 | 0.639 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 19.32 | 149 | 896 | 0.047 | ng | # | 71 |
| 85) Indeno(1,2,3-cd)pyrene | 21.45 | 276 | 13830 | 1.295 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 19.77 | 252 | 35099 | 2.598 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 19.77 | 252 | 35099 | 2.693 | ng | | 100 |
| 89) Benzo(a)pyrene | 20.12 | 252 | 27171 | 2.179 | ng | # | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
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Acq On : 2 Jun 2017 9:46
Operator : SJ/MA
Sample : I3415-01 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-U6-SSW

Quant Time: Jun 17 00:59:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 90) Dibenzo(a,h)anthracene | 21.38 | 278 | 840 | 0.082 | ng | # | 33 |
| 91) Benzo(g,h,i)perylene | 21.81 | 276 | 12619 | 1.249 | ng | | 94 |

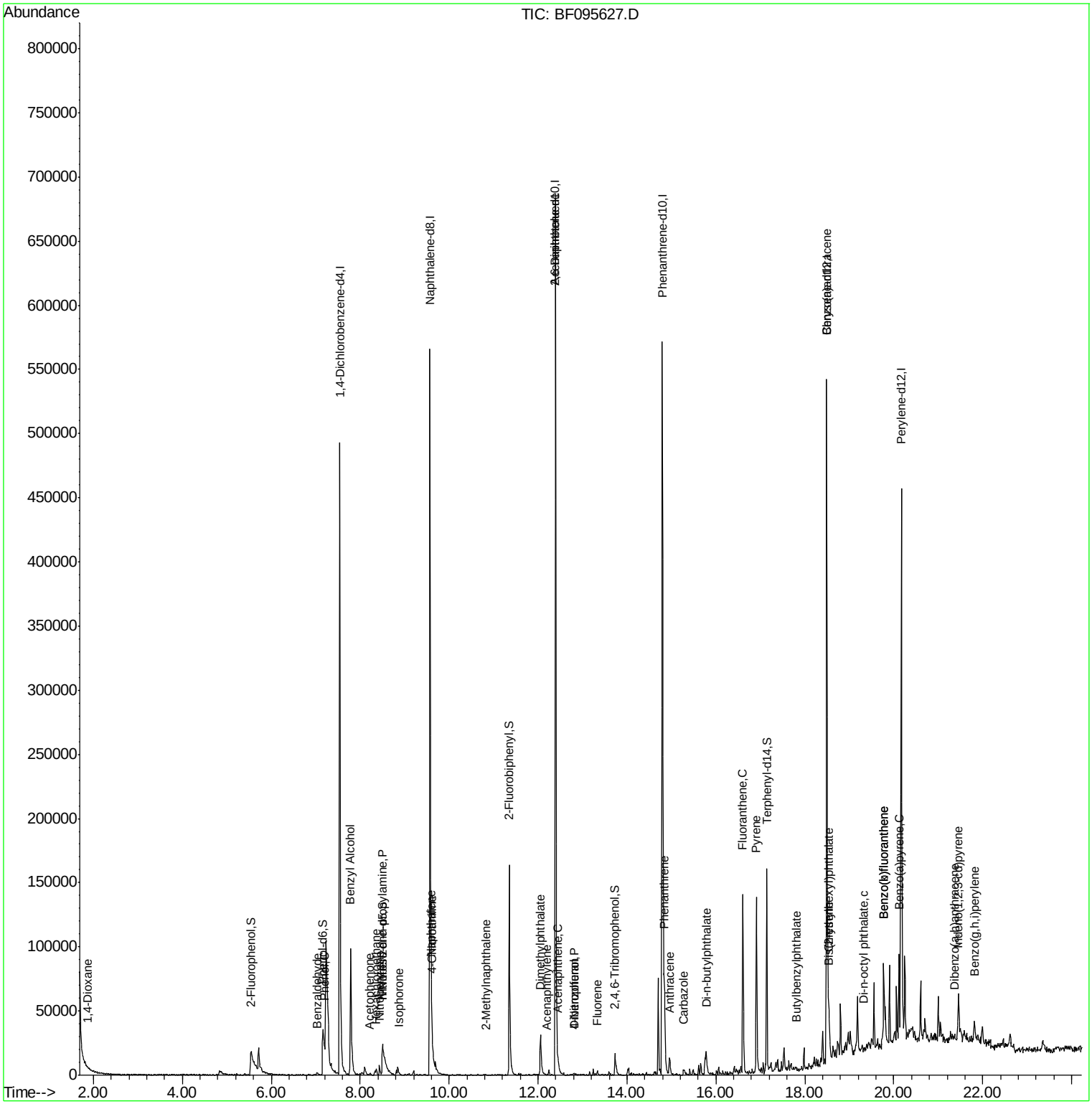
(#) = qualifier out of range (m) = manual integration (+) = signals summed

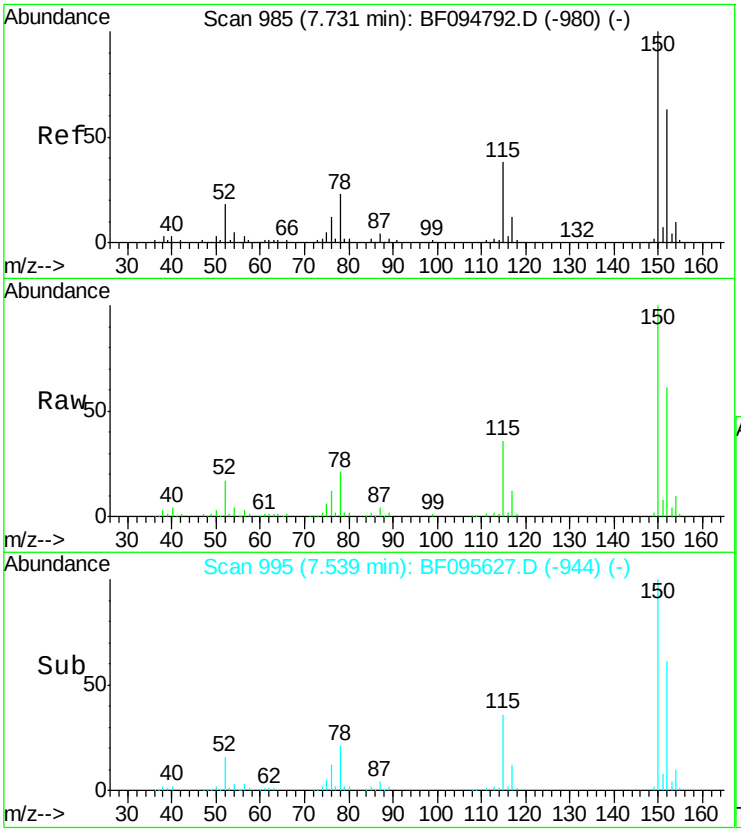
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095627.D
Acq On : 2 Jun 2017 9:46
Operator : SJ/MA
Sample : I3415-01 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Quant Time: Jun 17 00:59:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration



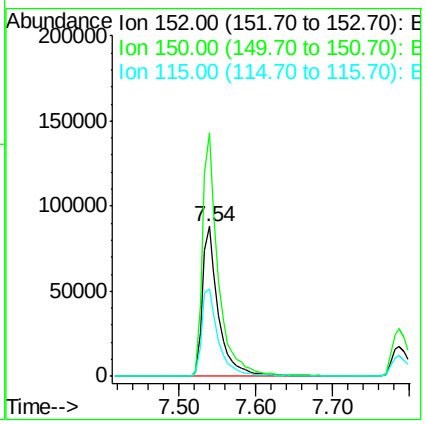


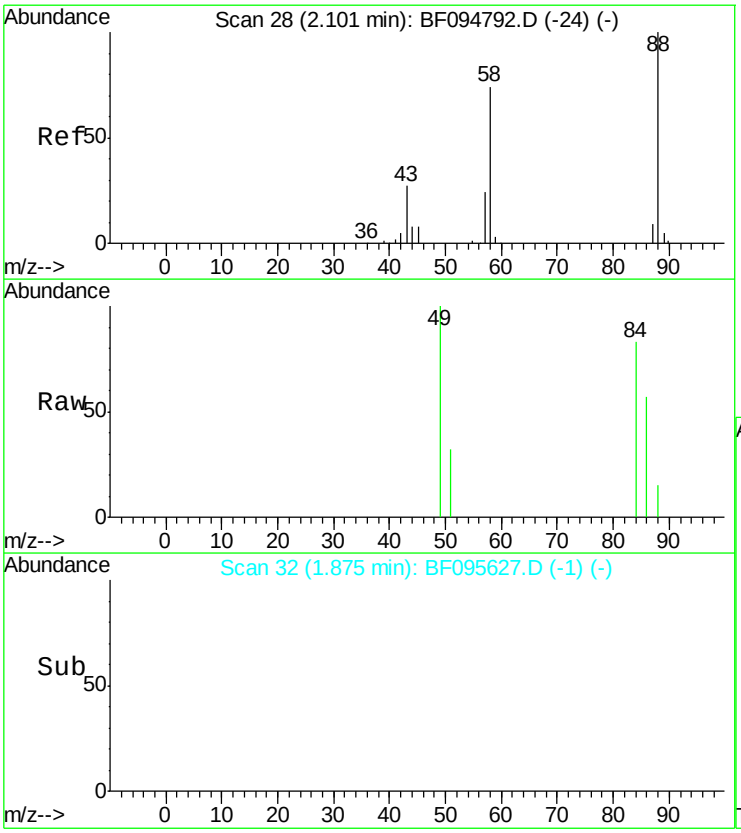

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:152 Resp: 127357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.7 | 126.2 | 189.2 |
| 115 | 58.5 | 52.2 | 78.2 |

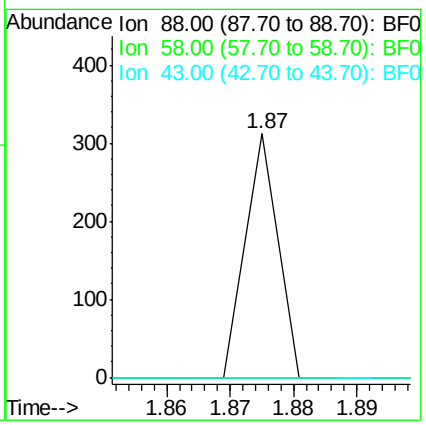


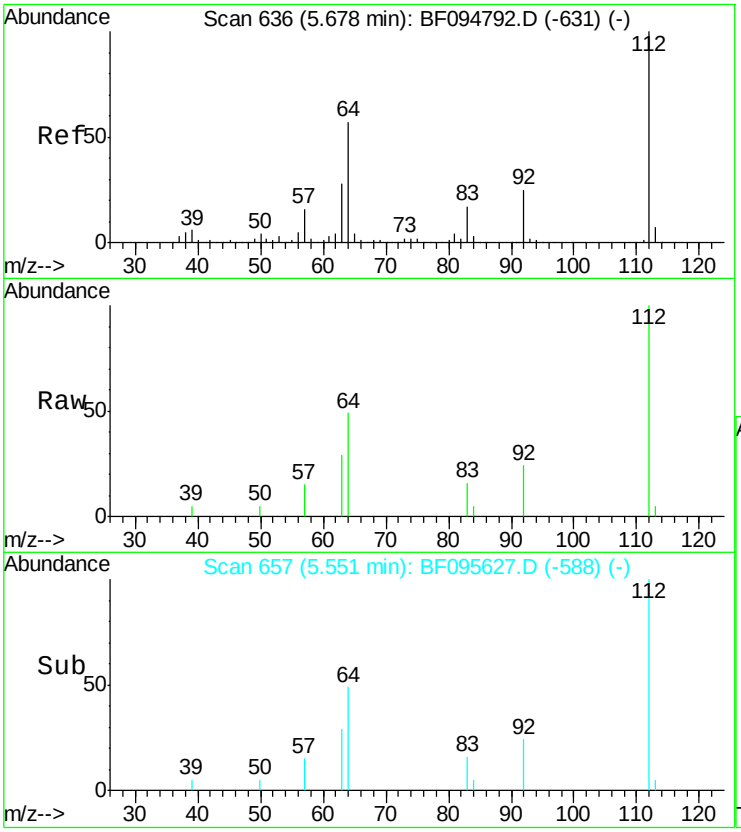




#2
1,4-Dioxane
Concen: 0.029 ng
RT: 1.87 min Scan# 32
Delta R.T. 0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion: 88 Resp: 110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 61.4 | 92.0# |
| 43 | 0.0 | 23.4 | 35.0# |



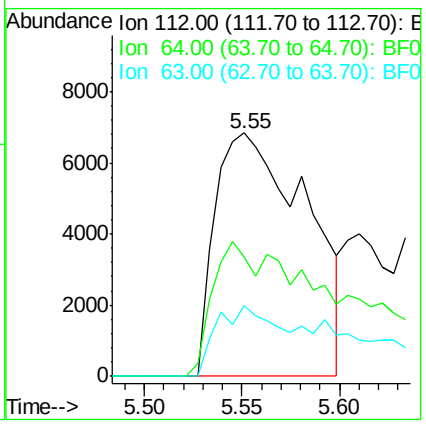


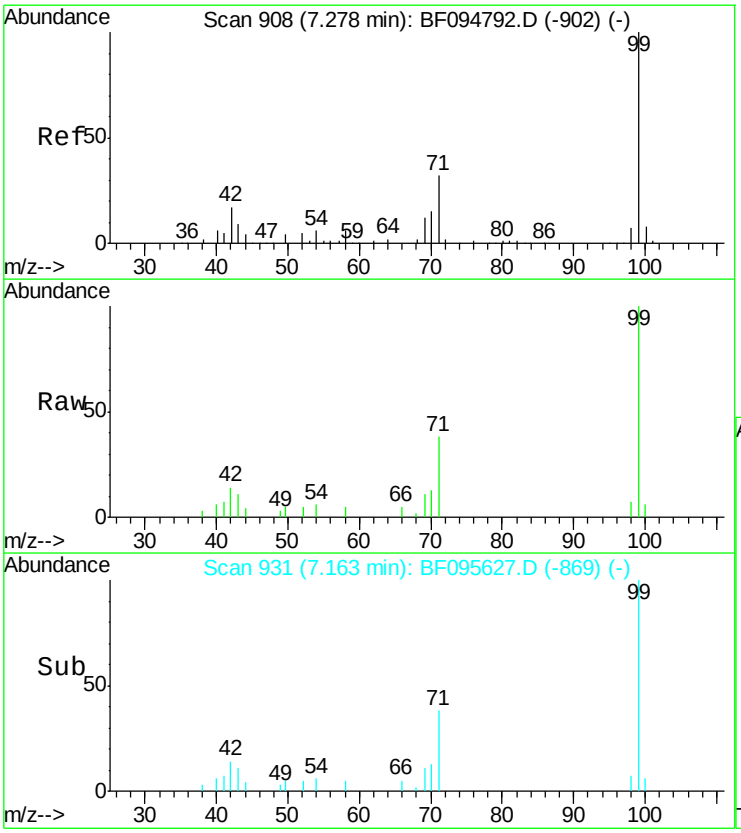

#5
2-Fluorophenol
Concen: 2.903 ng
RT: 5.55 min Scan# 657
Delta R.T. 0.11 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:112 Resp: 22175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 48.9 | 46.0 | 69.0 |
| 63 | 28.9 | 23.4 | 35.0 |

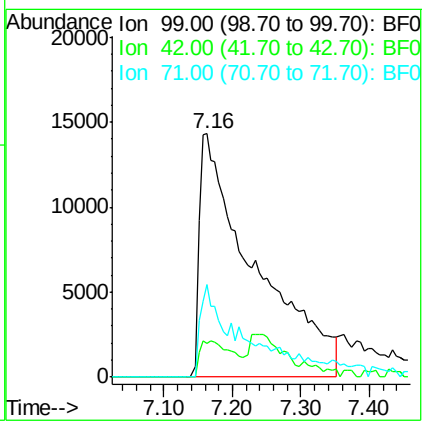


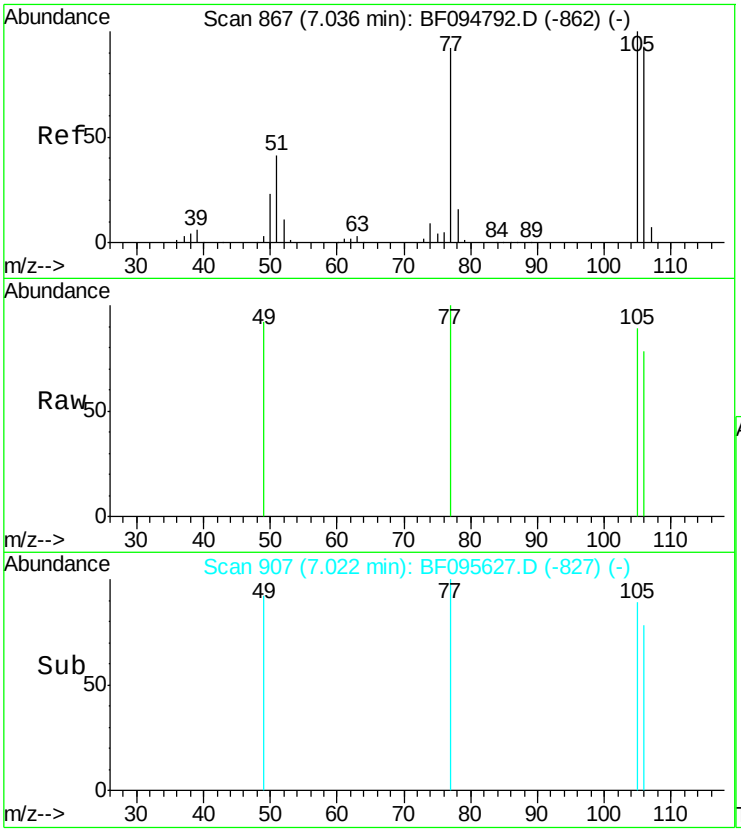




#7
Phenol-d6
Concen: 8.735 ng
RT: 7.16 min Scan# 931
Delta R.T. 0.06 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion: 99 Resp: 80060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.0 | 13.5 | 20.3 |
| 71 | 37.9 | 24.5 | 36.7# |



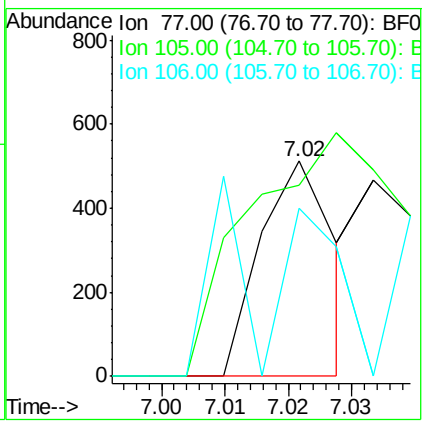


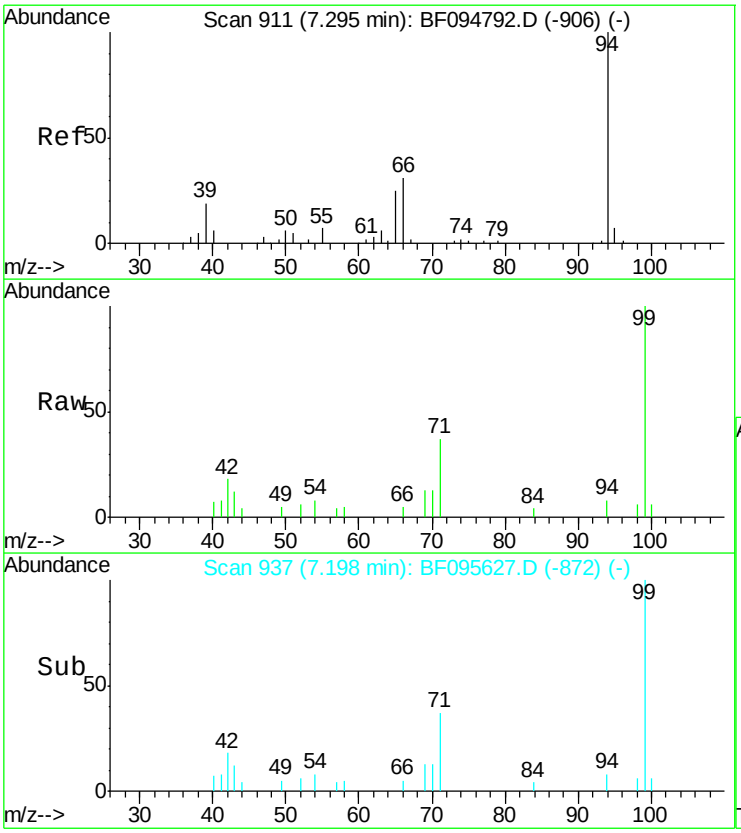

#9
Benzaldehyde
Concen: 0.074 ng
RT: 7.02 min Scan# 907
Delta R.T. 0.17 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion: 77 Resp: 415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 88.7 | 83.8 | 123.8 |
| 106 | 78.1 | 79.1 | 119.1# |

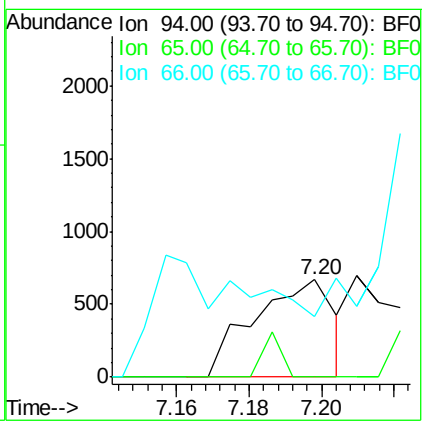


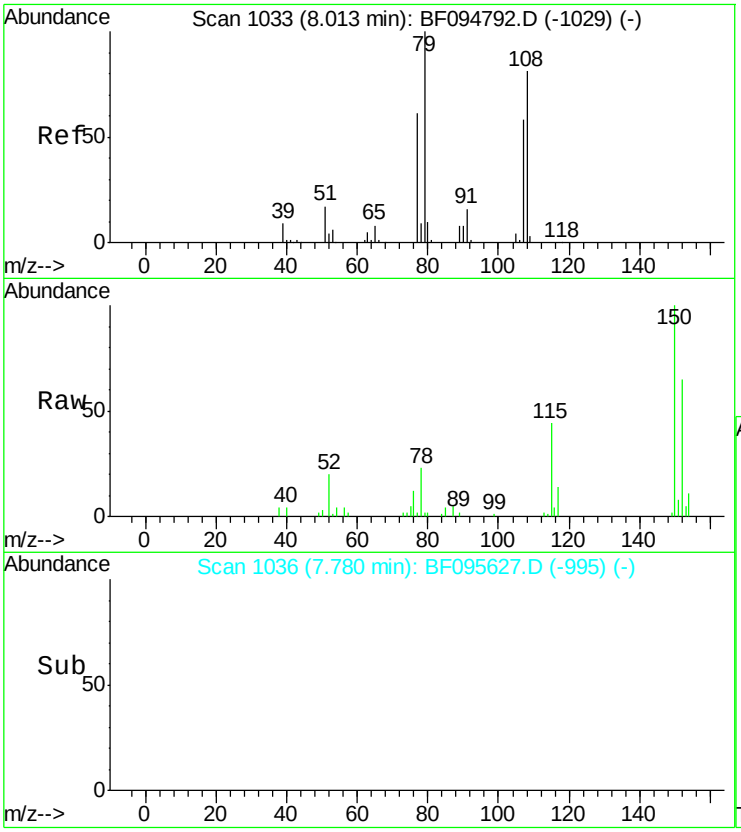




#10
Phenol
Concen: 0.106 ng
RT: 7.20 min Scan# 937
Delta R.T. 0.08 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion: 94 Resp: 1020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 0.0 | 9.9 | 49.9# |
| 66 | 62.9 | 23.1 | 63.1 |



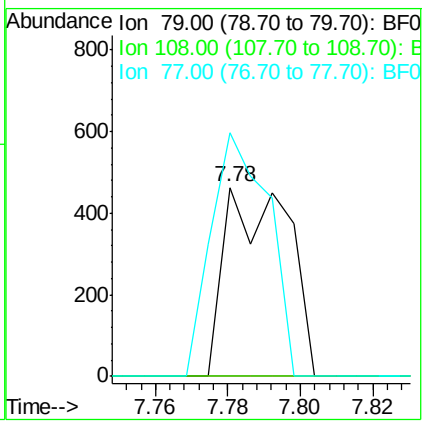


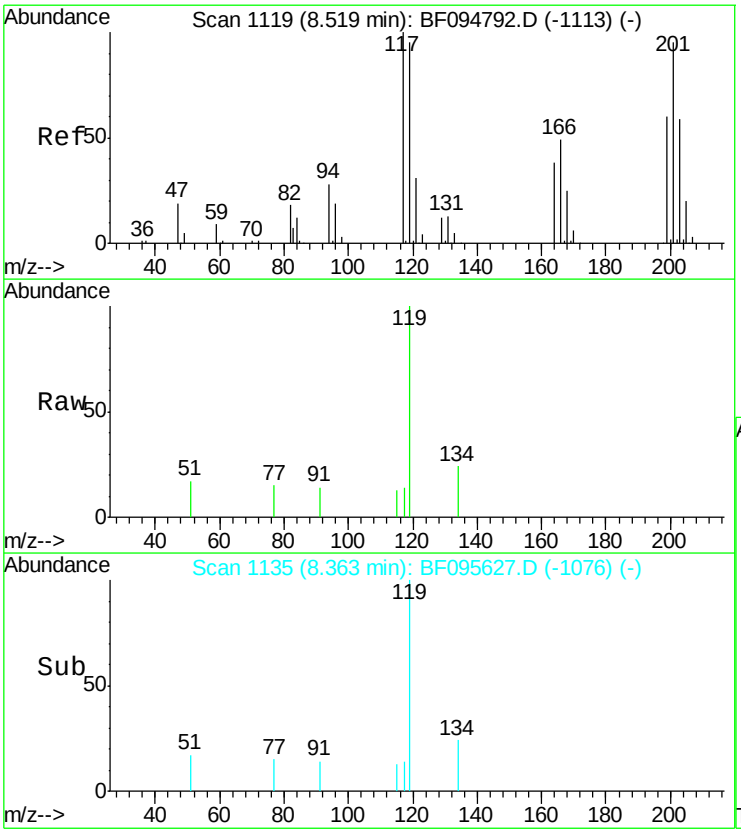

#15
Benzyl Alcohol
Concen: 0.097 ng
RT: 7.78 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion: 79 Resp: 569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 0.0 | 63.4 | 95.0# |
| 77 | 128.9 | 49.2 | 73.8# |

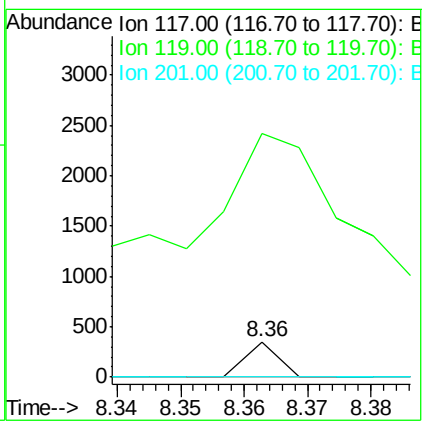


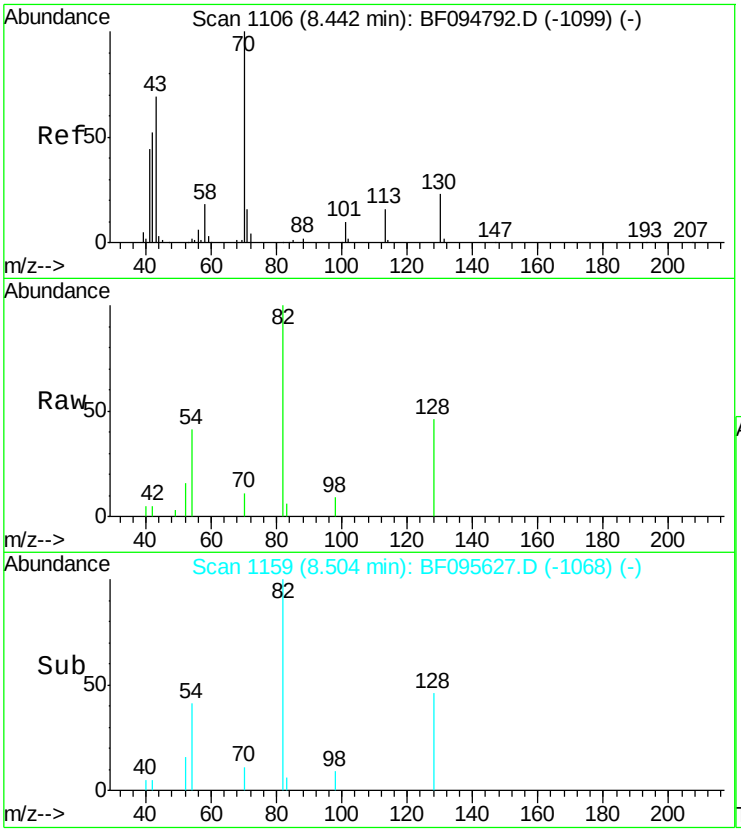




#18
Hexachloroethane
Concen: 0.036 ng
RT: 8.36 min Scan# 1135
Delta R.T. 0.05 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:117 Resp: 123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 693.1 | 77.4 | 116.0# |
| 201 | 0.0 | 94.6 | 141.8# |



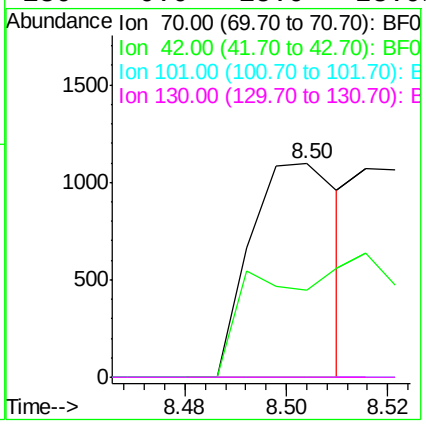


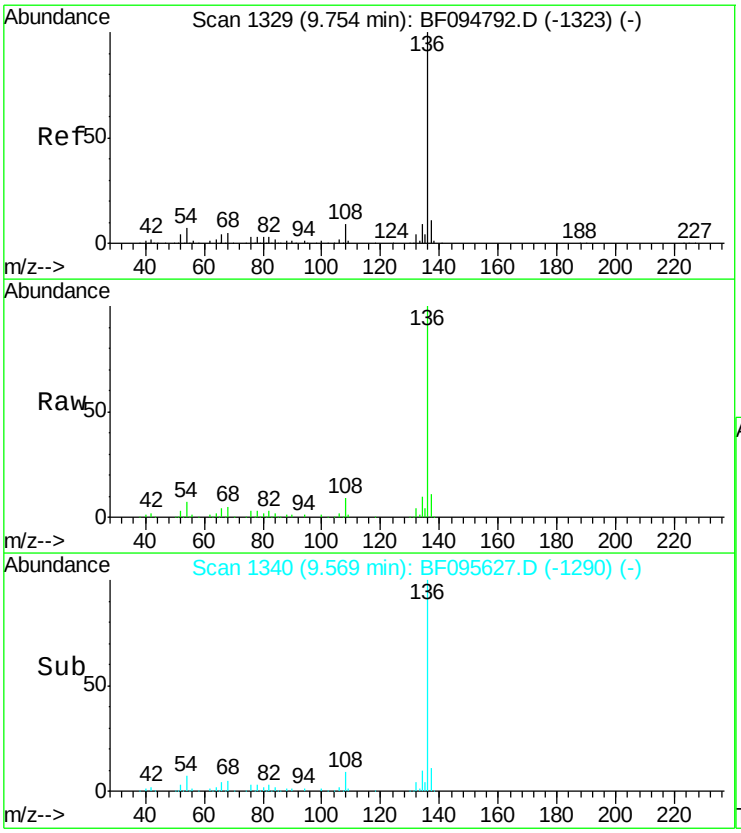

#19
n-Nitroso-di-n-propylamine
Concen: 0.216 ng
RT: 8.50 min Scan# 1159
Delta R.T. 0.24 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion: 70 Resp: 1342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 40.5 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 0.0 | 15.9 | 23.9# |

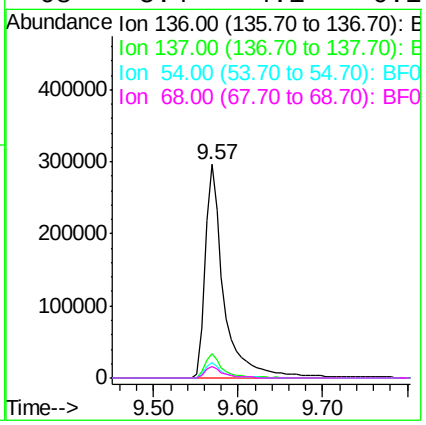


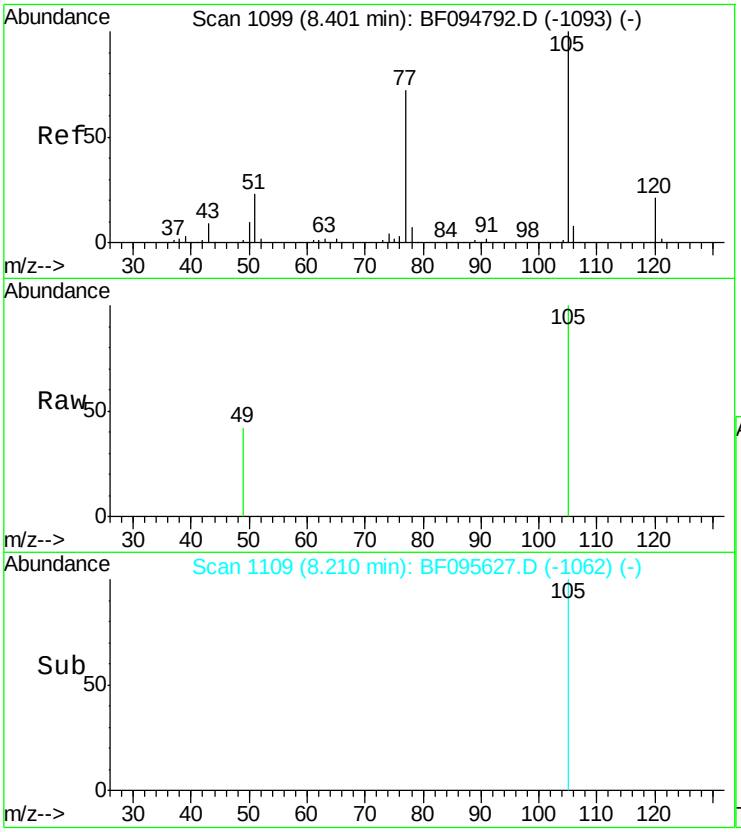




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:136 Resp: 461614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.5 | 12.7 |
| 54 | 7.3 | 4.9 | 7.3 |
| 68 | 5.4 | 4.1 | 6.1 |



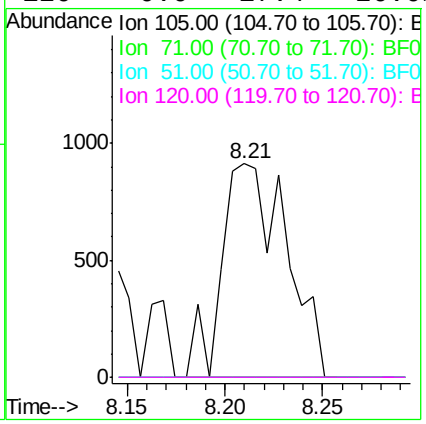


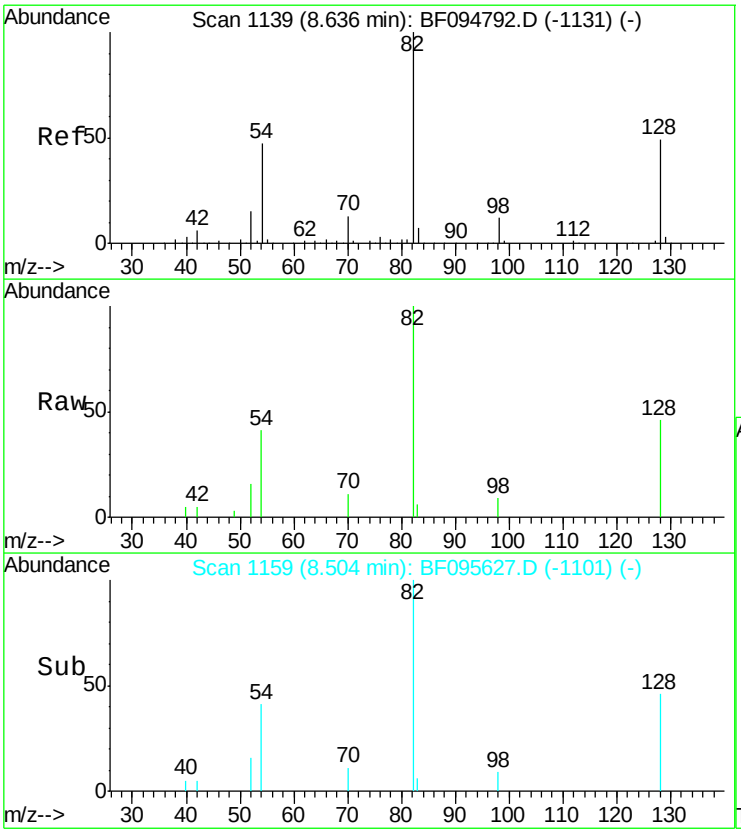

#22
Acetophenone
Concen: 0.190 ng
RT: 8.21 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:105 Resp: 2106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 2.8 | 4.2# |
| 51 | 0.0 | 30.7 | 46.1# |
| 120 | 0.0 | 17.4 | 26.0# |

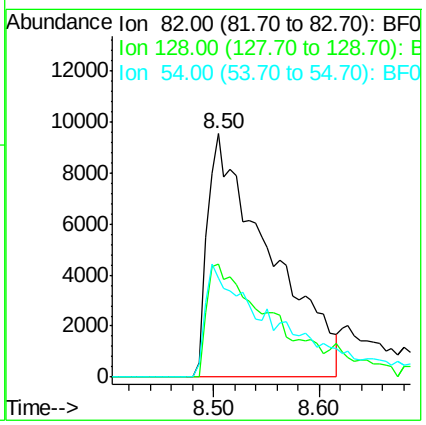


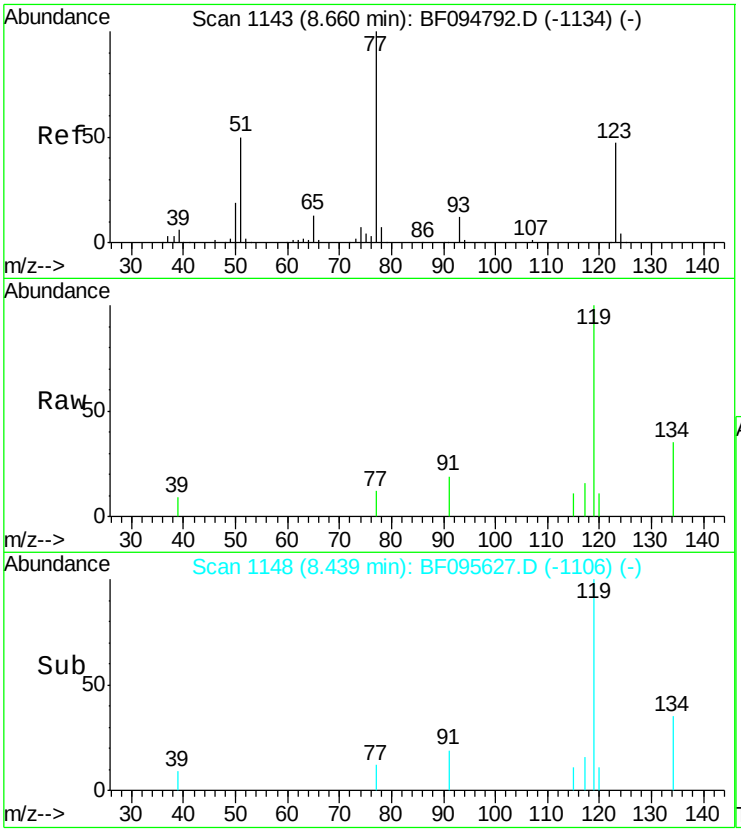




#23
Nitrobenzene-d5
Concen: 5.323 ng
RT: 8.50 min Scan# 1159
Delta R.T. 0.04 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion: 82 Resp: 38963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.2 | 34.0 | 51.0 |
| 54 | 40.6 | 42.2 | 63.2# |



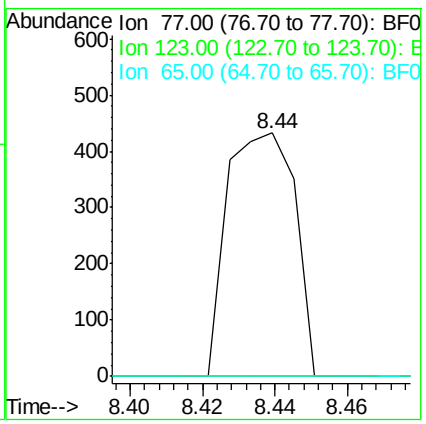


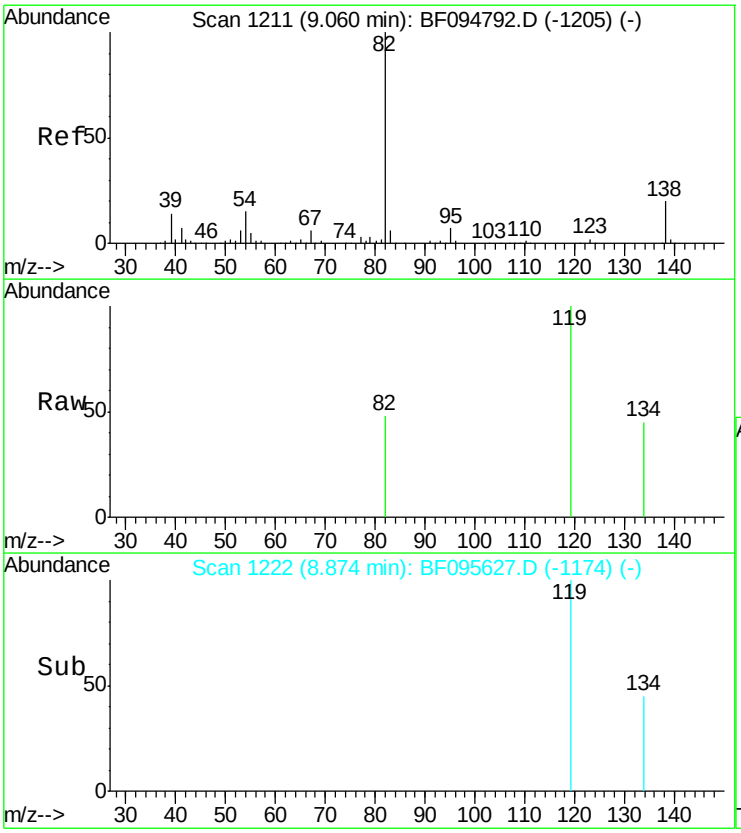

#24
Nitrobenzene
Concen: 0.073 ng
RT: 8.44 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion: 77 Resp: 560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 35.8 | 53.8# |
| 65 | 0.0 | 10.6 | 15.8# |

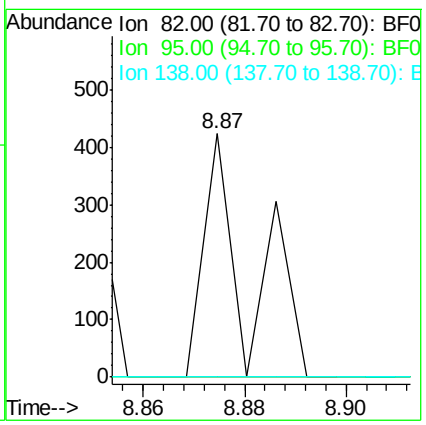


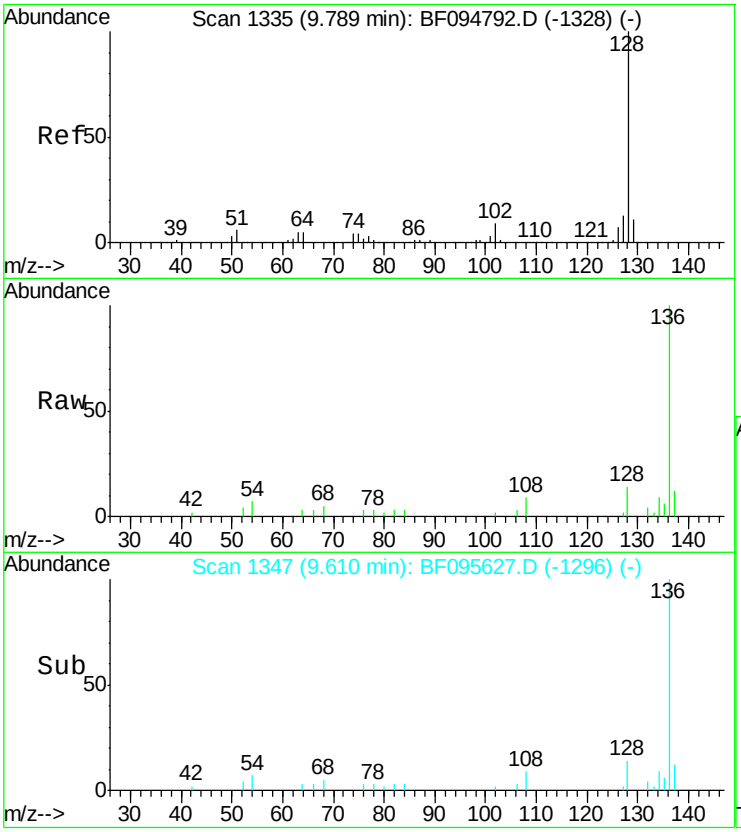




#25
Isophorone
Concen: 0.020 ng
RT: 8.87 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion: 82 Resp: 258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.3 | 7.9# |
| 138 | 0.0 | 13.1 | 19.7# |



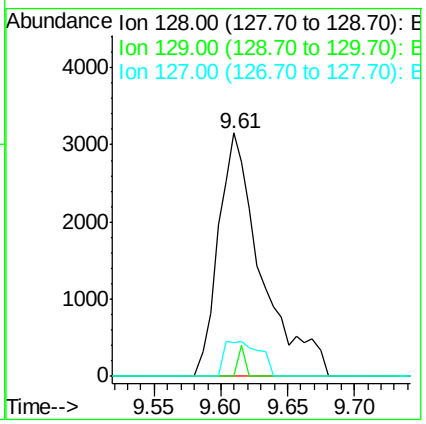


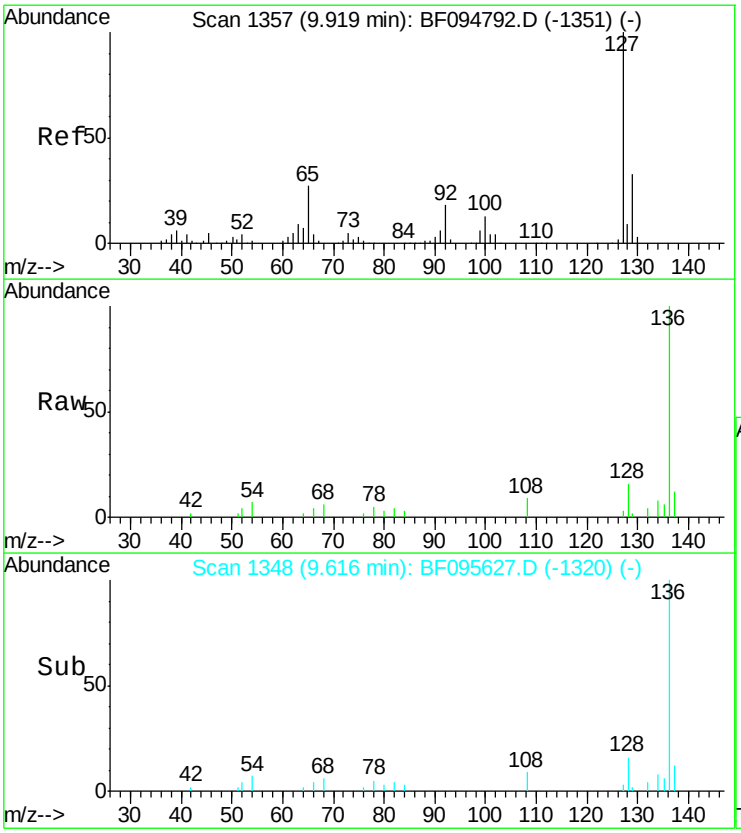

#31
Naphthalene
Concen: 0.306 ng
RT: 9.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:128 Resp: 7110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 9.0 | 13.6# |
| 127 | 13.8 | 10.8 | 16.2 |

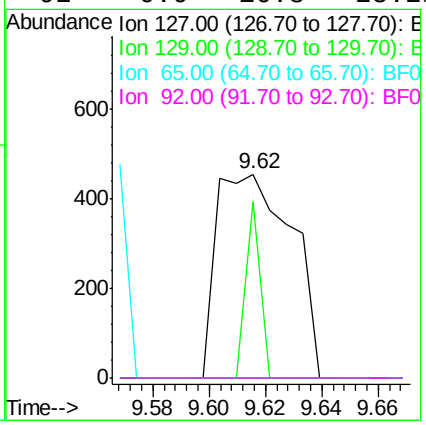


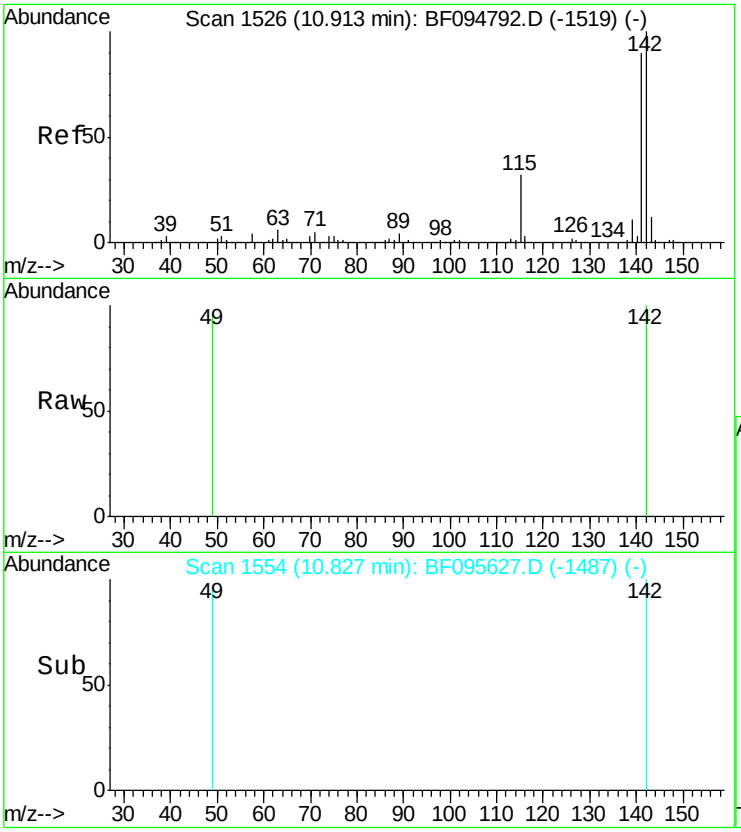




#33
4-Chloroaniline
Concen: 0.097 ng
RT: 9.62 min Scan# 1348
Delta R.T. -0.14 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:127 Resp: 838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 87.0 | 26.2 | 39.2# |
| 65 | 0.0 | 27.8 | 41.8# |
| 92 | 0.0 | 16.8 | 25.2# |



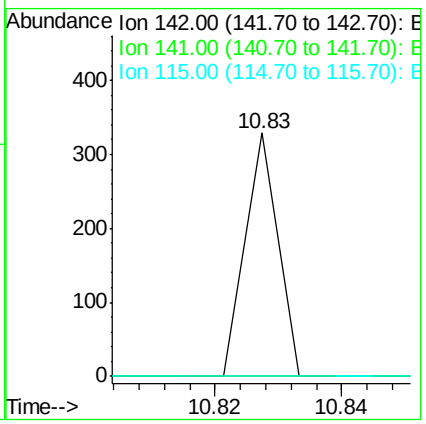


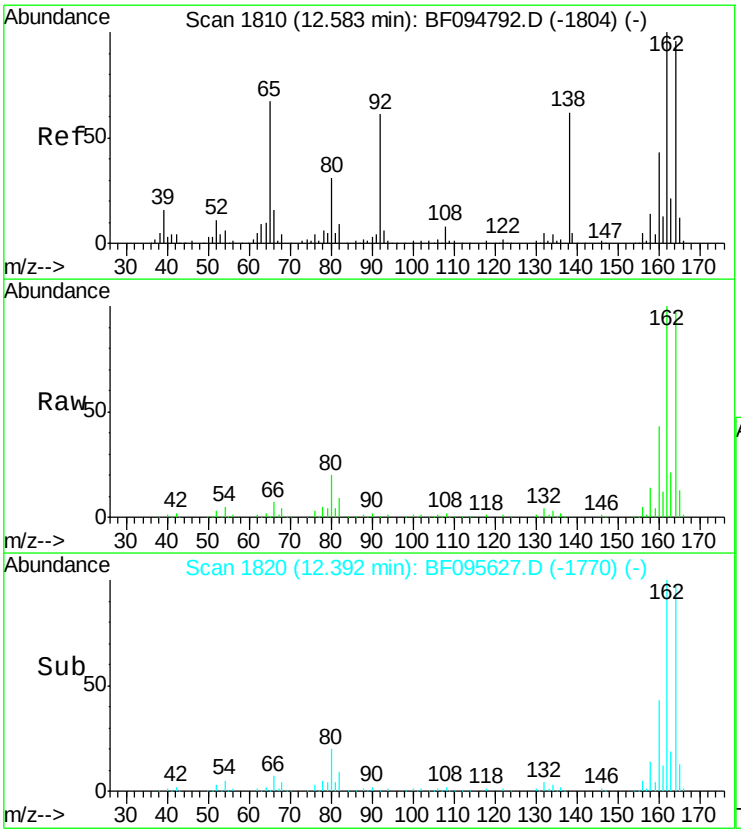

#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 10.83 min Scan# 1554
Delta R.T. 0.09 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:142 Resp: 116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 71.3 | 106.9# |
| 115 | 0.0 | 27.1 | 40.7# |

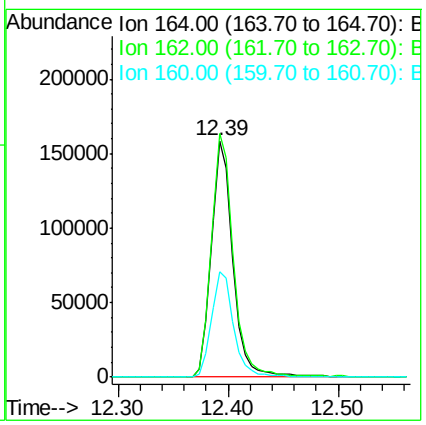


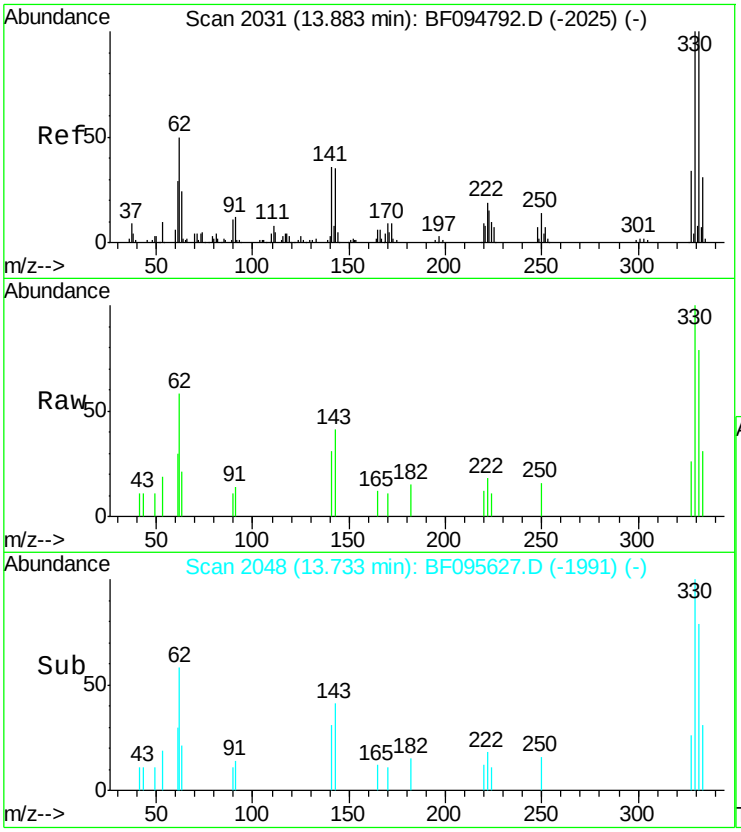




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:164 Resp: 213399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 82.6 | 123.8 |
| 160 | 44.6 | 36.2 | 54.2 |



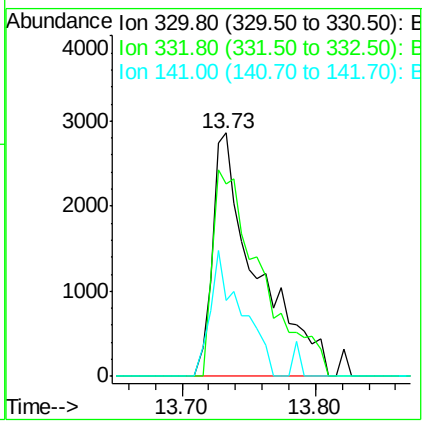


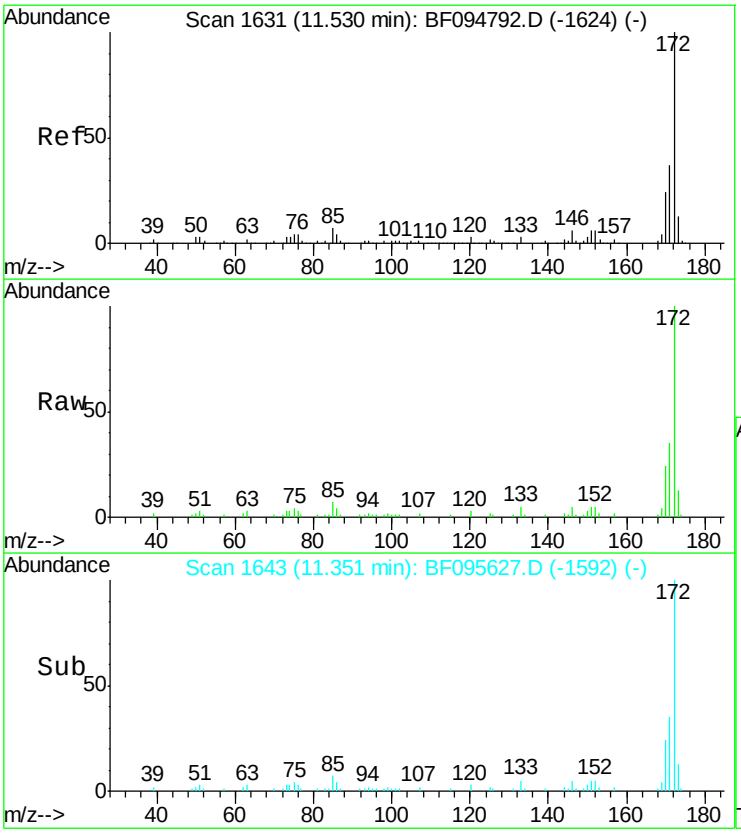

#41
2,4,6-Tribromophenol
Concen: 3.773 ng
RT: 13.73 min Scan# 2048
Delta R.T. 0.04 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:330 Resp: 6594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.9 | 76.6 | 115.0 |
| 141 | 36.5 | 31.4 | 47.2 |

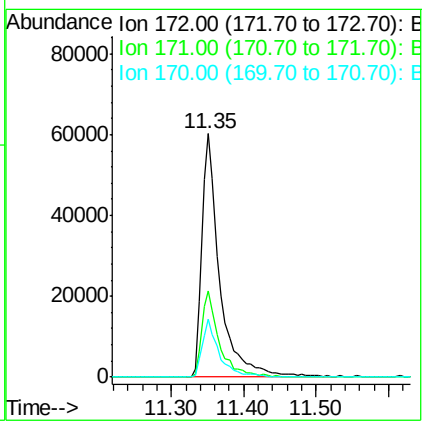


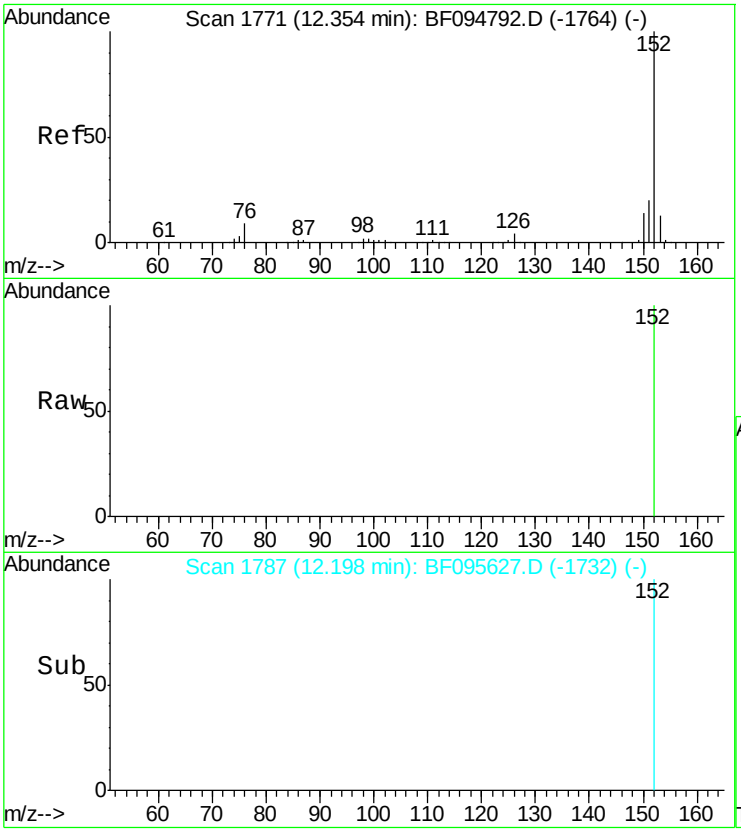




#44
2-Fluorobiphenyl
Concen: 6.935 ng
RT: 11.35 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:172 Resp: 102823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 29.6 | 44.4 |
| 170 | 23.6 | 19.8 | 29.8 |



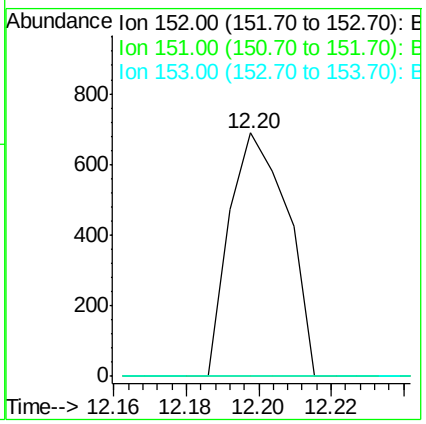


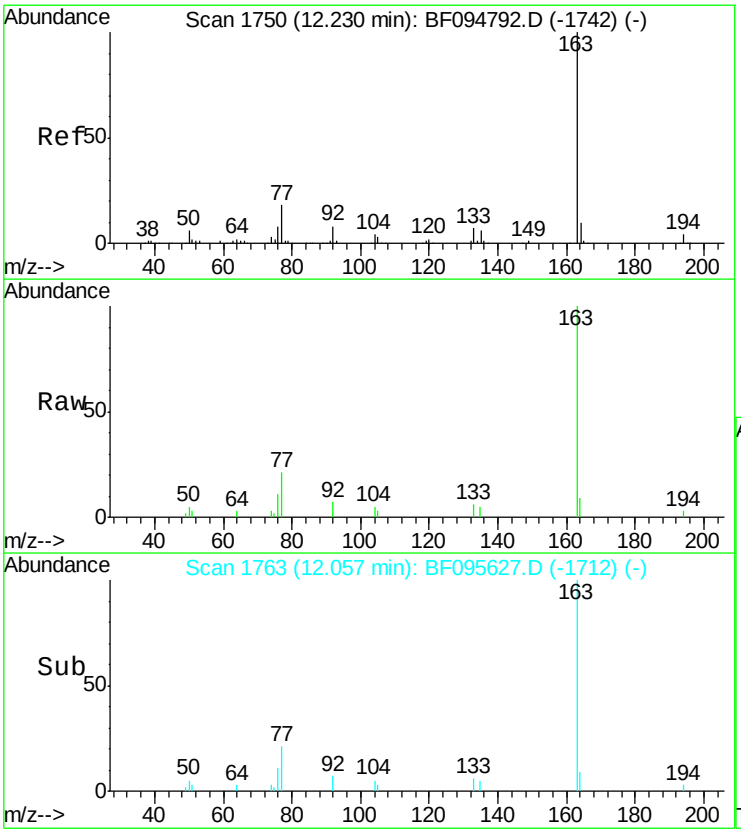

#48
Acenaphthylene
Concen: 0.034 ng
RT: 12.20 min Scan# 1787
Delta R.T. 0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:152 Resp: 764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 16.8 | 25.2# |
| 153 | 0.0 | 10.8 | 16.2# |

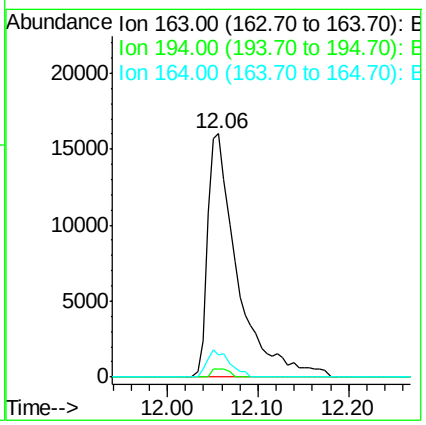


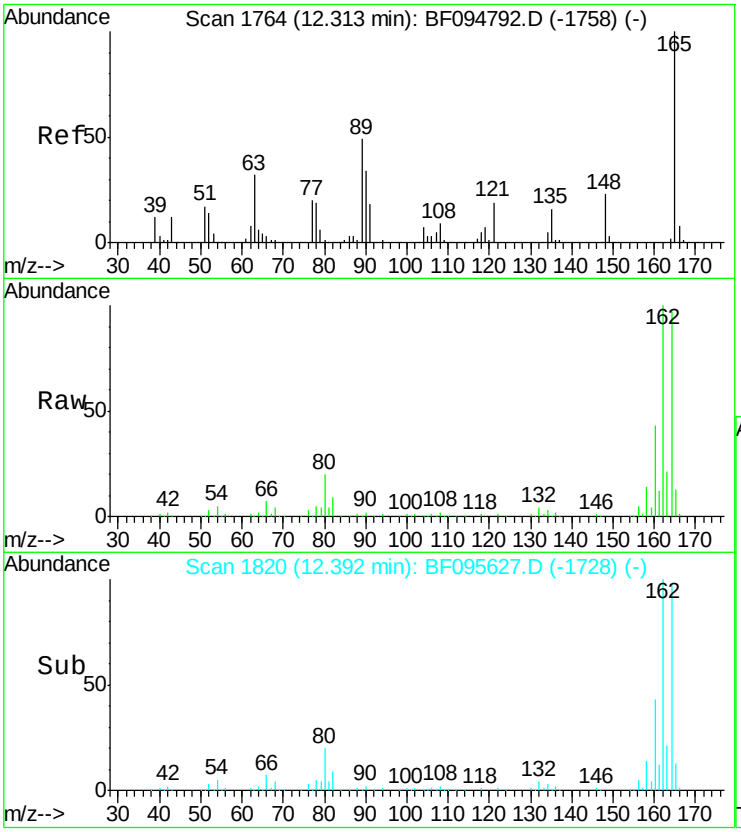




#49
Dimethylphthalate
Concen: 2.103 ng
RT: 12.06 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:163 Resp: 36845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.6 | 4.0 |
| 164 | 9.2 | 8.4 | 12.6 |



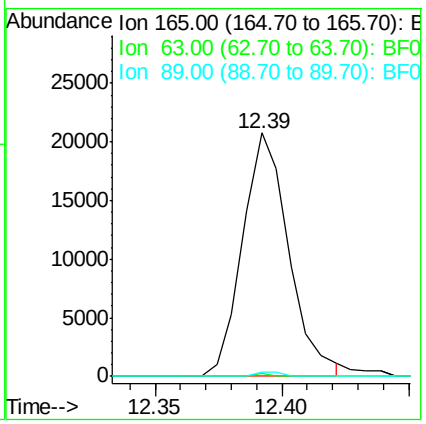


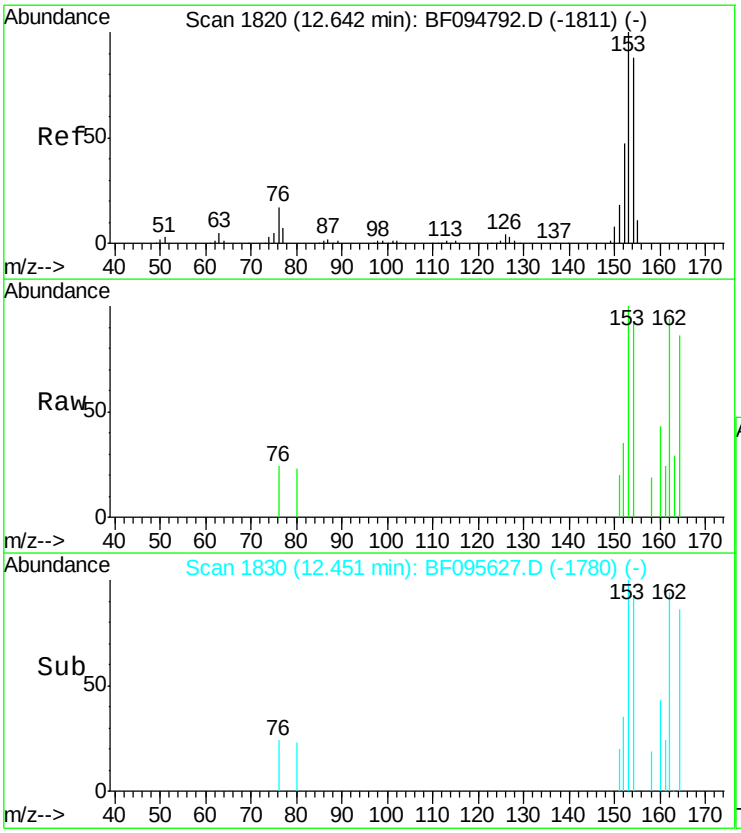

#50
2,6-Dinitrotoluene
Concen: 7.379 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:165 Resp: 26374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 34.3 | 51.5# |
| 89 | 1.5 | 37.1 | 55.7# |

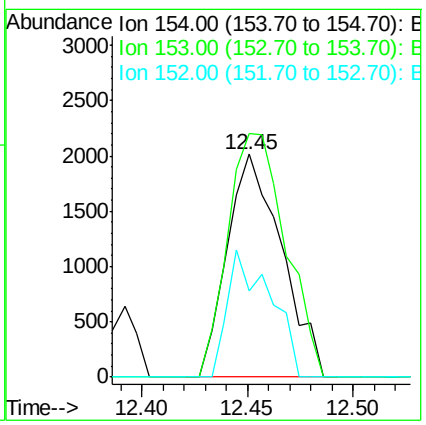


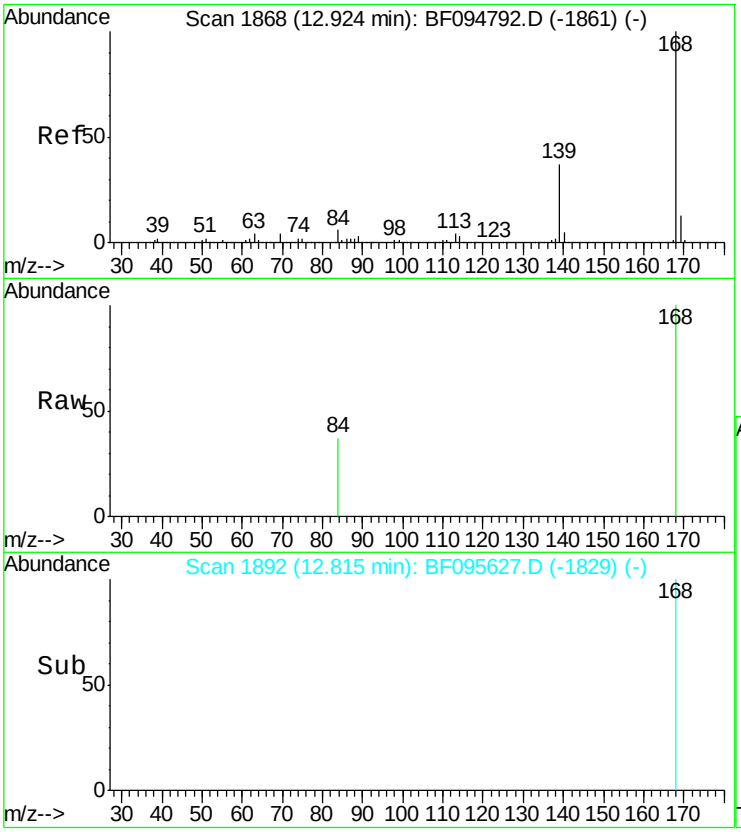




#51
Acenaphthene
Concen: 0.265 ng
RT: 12.45 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:154 Resp: 3599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.2 | 90.5 | 135.7 |
| 152 | 38.7 | 43.6 | 65.4# |



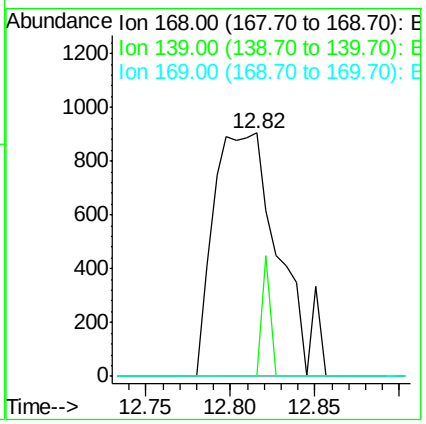


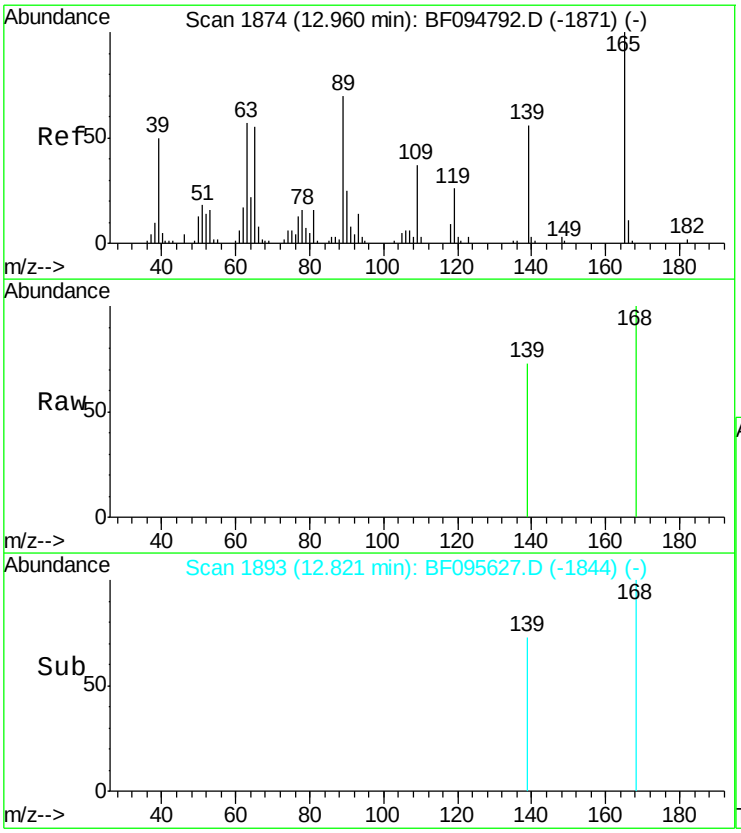

#54
Dibenzofuran
Concen: 0.129 ng
RT: 12.82 min Scan# 1892
Delta R.T. 0.07 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:168 Resp: 2428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 0.0 | 30.6 | 45.8# |
| 169 | 0.0 | 10.8 | 16.2# |

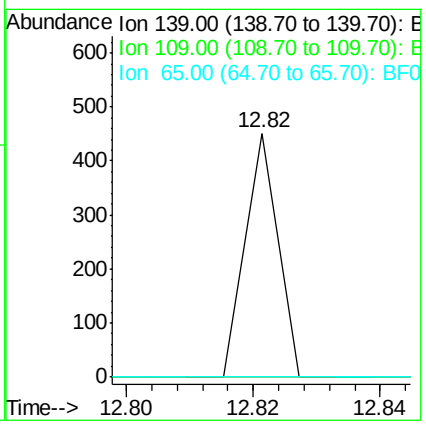


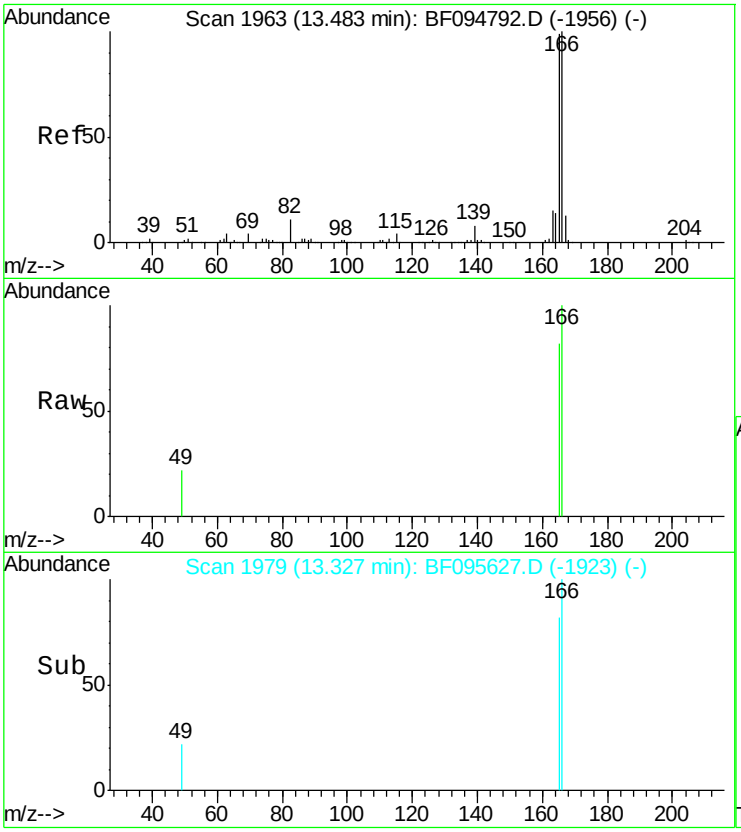




#55
4-Nitrophenol
Concen: 0.069 ng
RT: 12.82 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:139 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 34.1 | 74.1# |
| 65 | 0.0 | 31.4 | 71.4# |



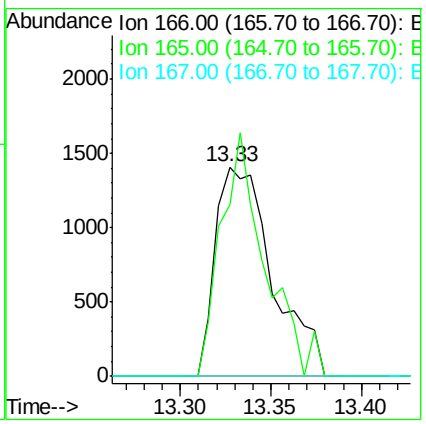


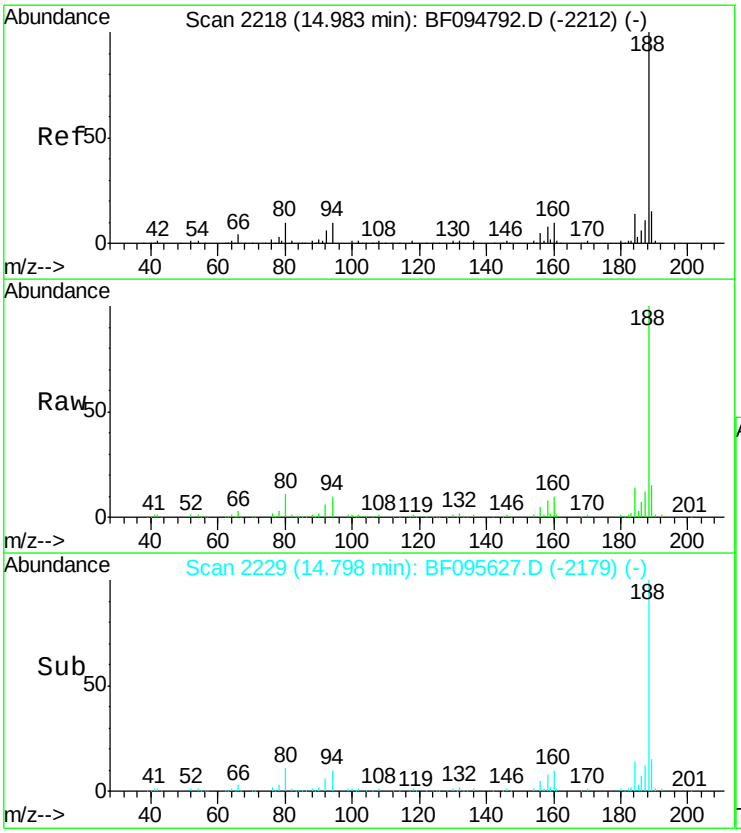

#57
Fluorene
Concen: 0.189 ng
RT: 13.33 min Scan# 1979
Delta R.T. 0.03 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:166 Resp: 3079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 82.3 | 78.8 | 118.2 |
| 167 | 0.0 | 10.6 | 16.0# |

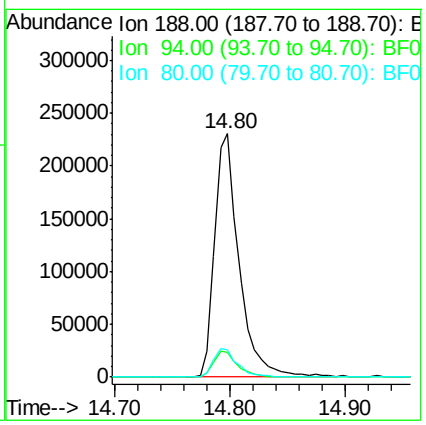


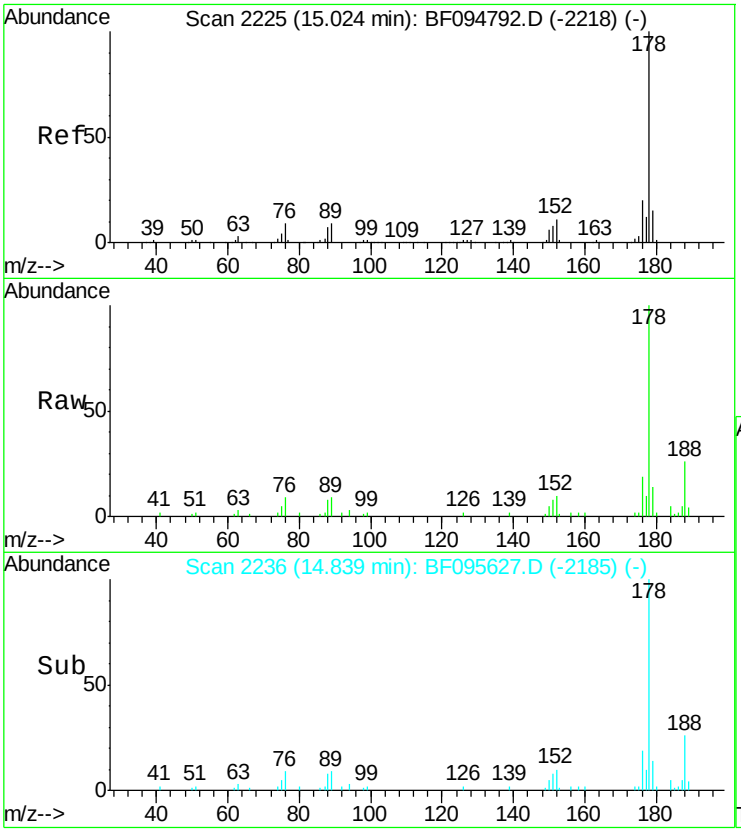




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:188 Resp: 338210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 9.4 | 14.2 |
| 80 | 11.0 | 10.2 | 15.2 |



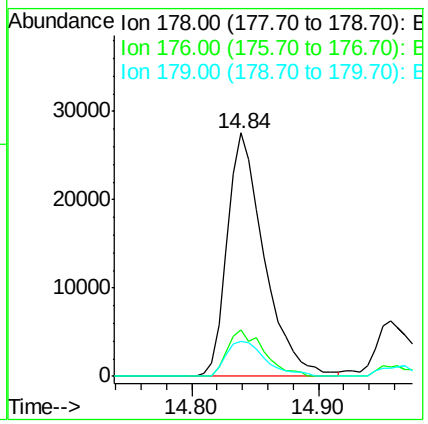


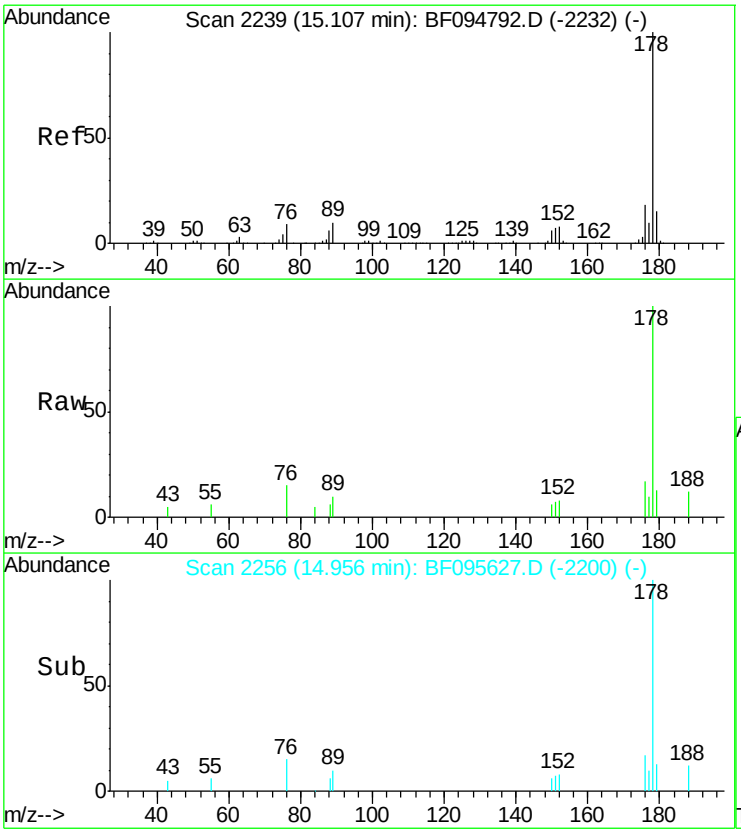

#70
Phenanthrene
Concen: 2.866 ng
RT: 14.84 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:178 Resp: 55689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 16.2 | 24.4 |
| 179 | 14.5 | 12.6 | 19.0 |

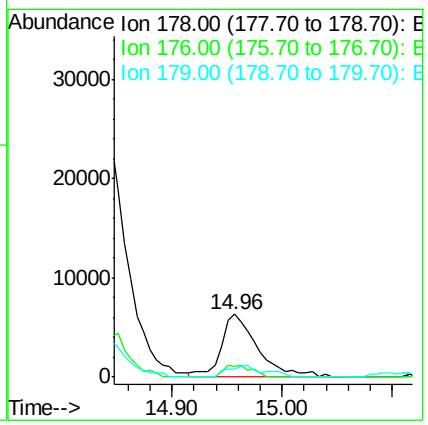


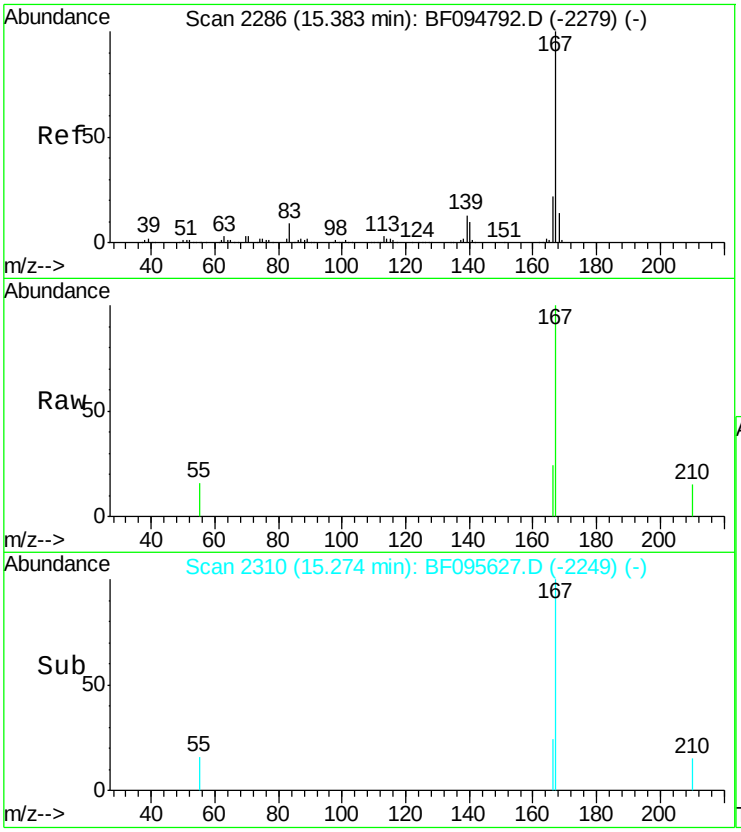




#71
Anthracene
Concen: 0.736 ng
RT: 14.96 min Scan# 2256
Delta R.T. 0.03 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:178 Resp: 14607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.3 | 15.8 | 23.8 |
| 179 | 13.5 | 12.7 | 19.1 |



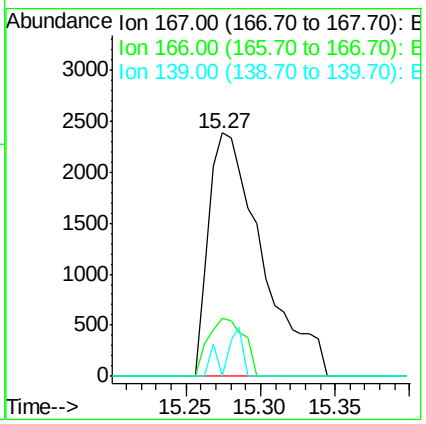


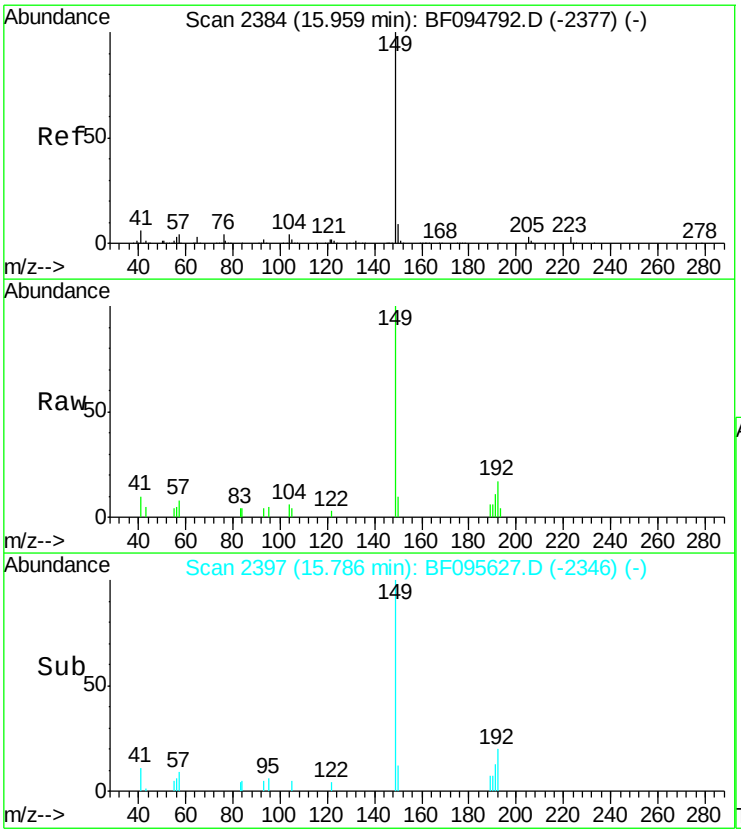

#72
Carbazole
Concen: 0.330 ng
RT: 15.27 min Scan# 2310
Delta R.T. 0.06 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:167 Resp: 5959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.0 | 18.1 | 27.1 |
| 139 | 0.0 | 11.7 | 17.5# |

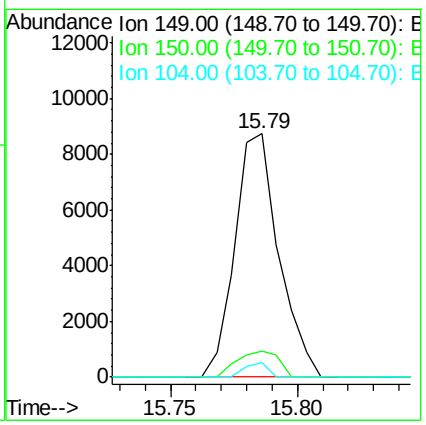


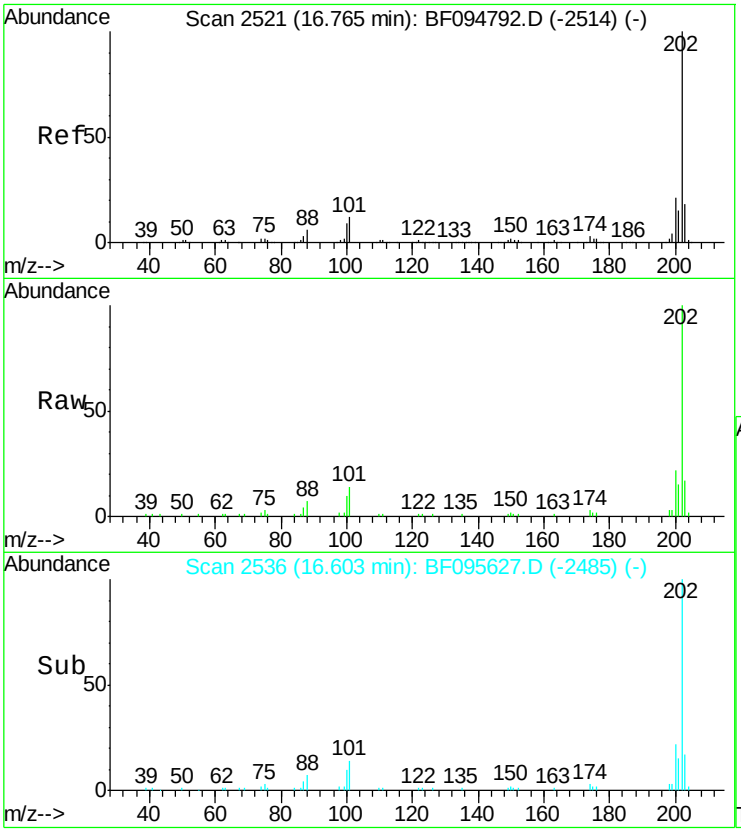




#73
Di-n-butylphthalate
Concen: 0.466 ng
RT: 15.79 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:149 Resp: 10501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.5 | 7.7 | 11.5 |
| 104 | 5.9 | 4.0 | 6.0 |



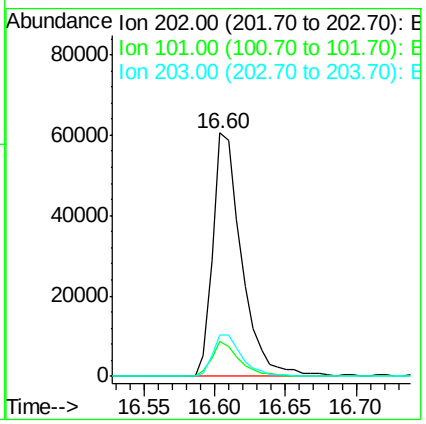


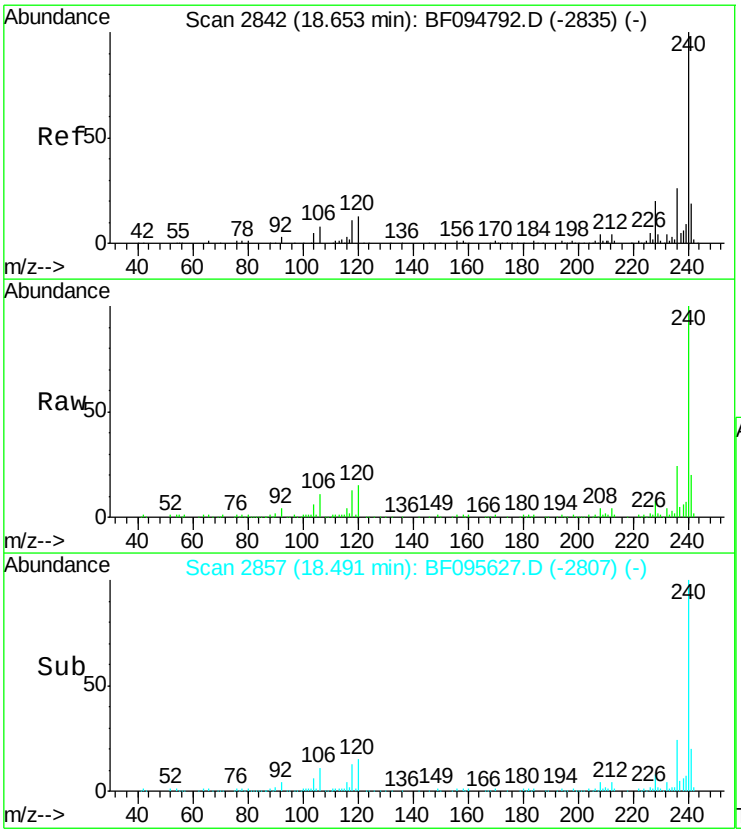

#74
Fluoranthene
Concen: 4.320 ng
RT: 16.60 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:202 Resp: 86110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 0.0 | 33.2 |
| 203 | 16.7 | 0.0 | 38.1 |

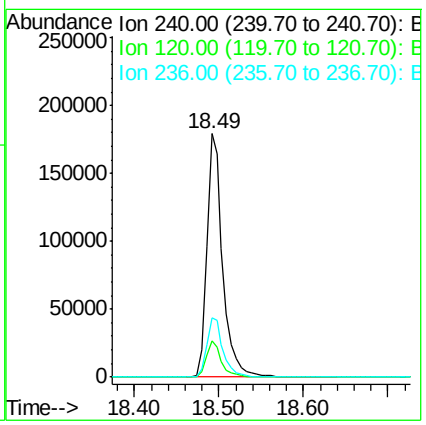


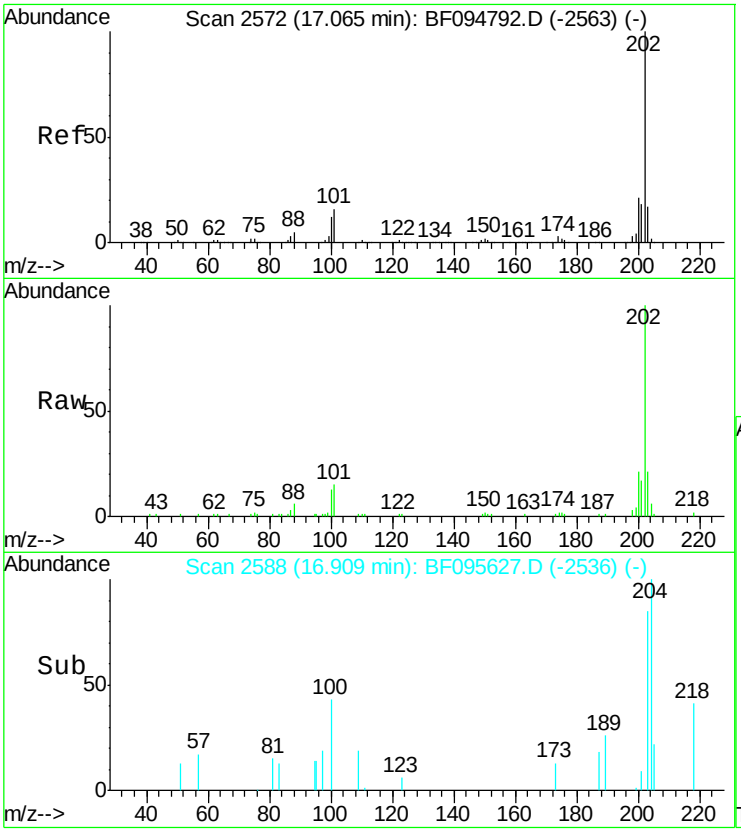




#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:240 Resp: 233770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.6 | 5.8 | 8.8# |
| 236 | 24.3 | 20.5 | 30.7 |



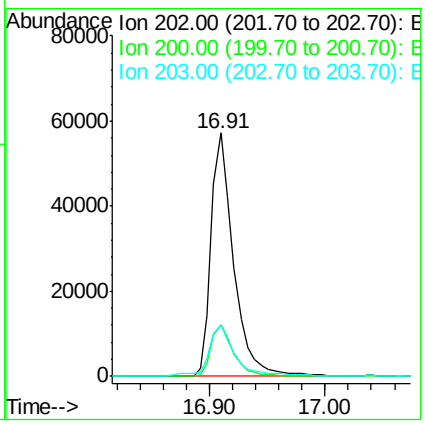


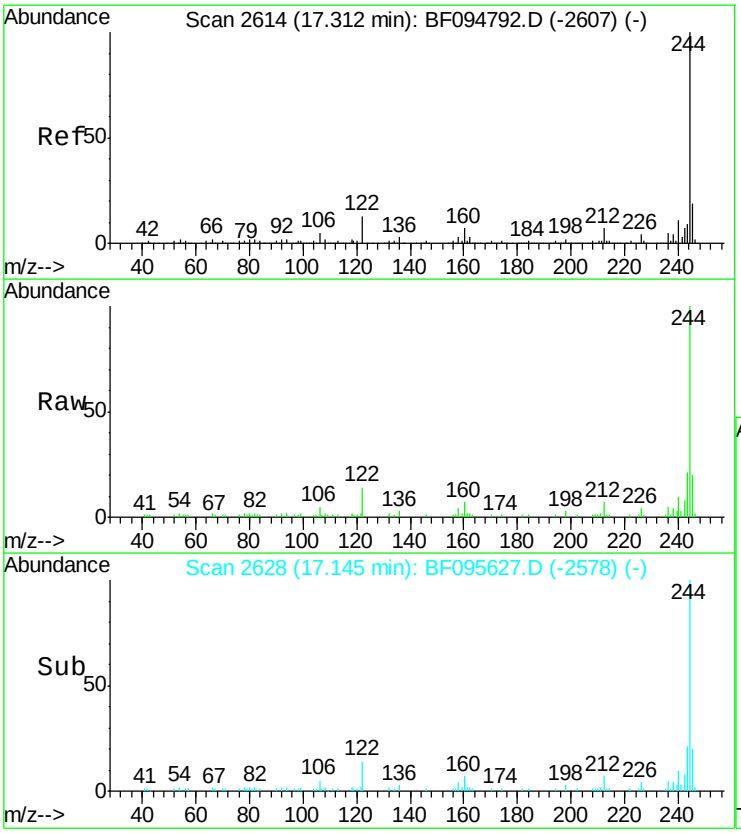

#77
Pyrene
Concen: 4.448 ng
RT: 16.91 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:202 Resp: 77762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 17.6 | 26.4 |
| 203 | 21.4 | 14.4 | 21.6 |

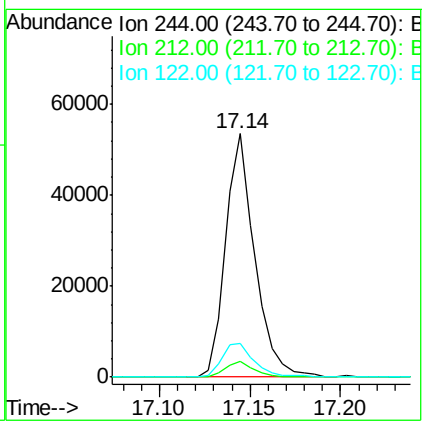


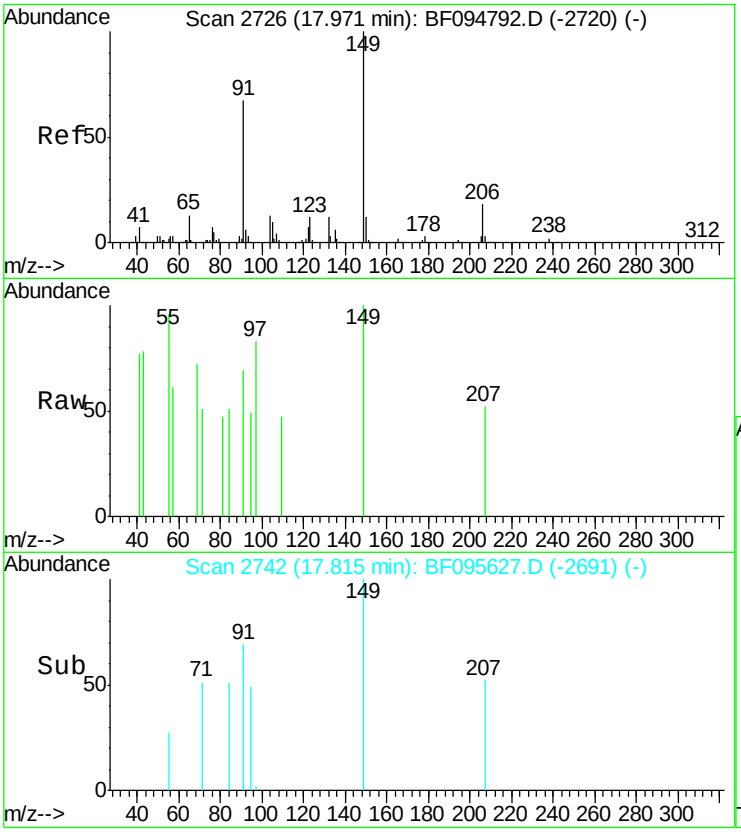




#78
Terphenyl-d14
Concen: 5.649 ng
RT: 17.14 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:244 Resp: 59956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 6.0 | 9.0 |
| 122 | 13.7 | 10.3 | 15.5 |



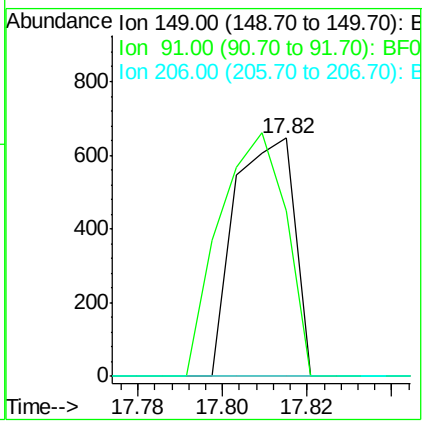


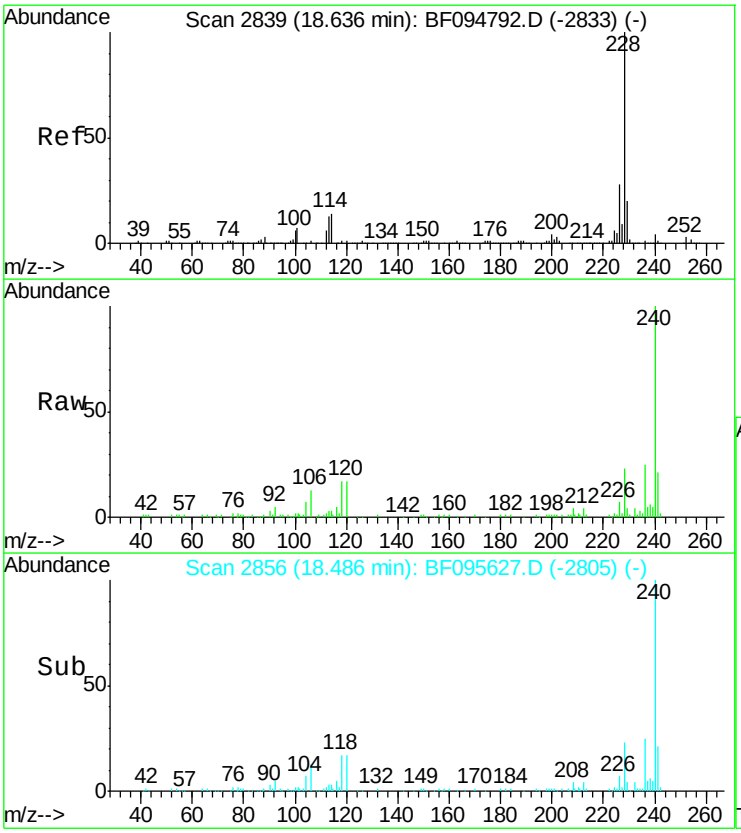

#79
Butylbenzylphthalate
Concen: 0.078 ng
RT: 17.82 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:149 Resp: 635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.4 | 45.0 | 67.4# |
| 206 | 0.0 | 17.0 | 25.6# |

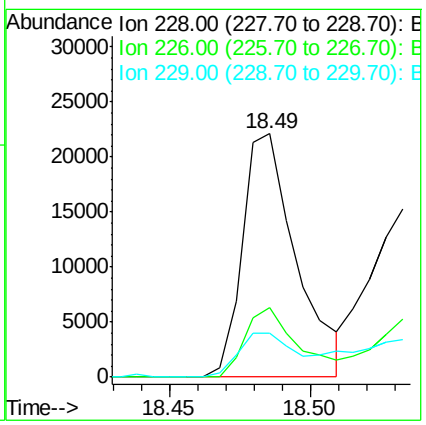


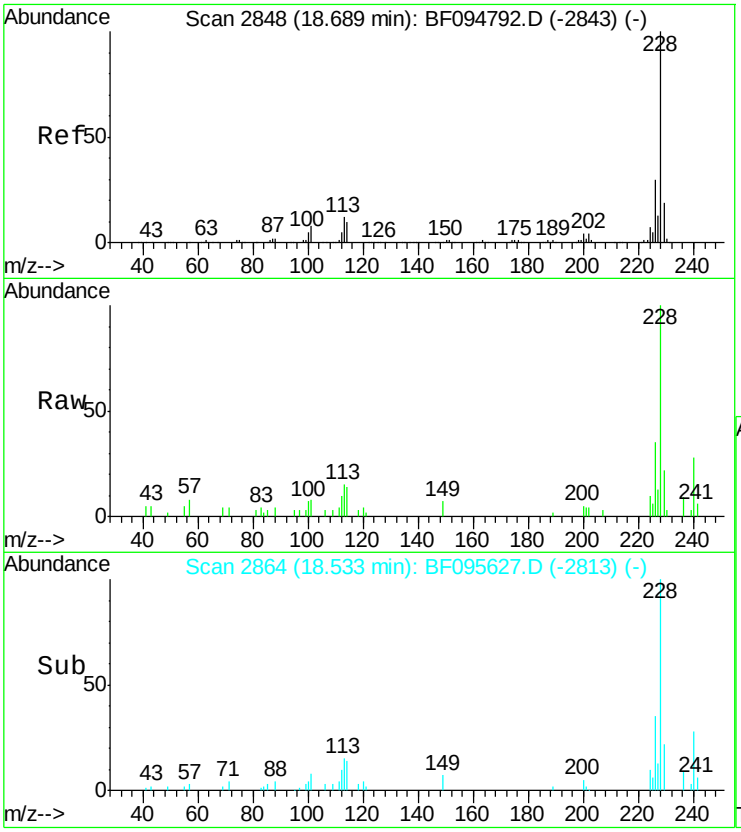




#80
Benzo(a)anthracene
Concen: 2.144 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:228 Resp: 29176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 22.6 | 33.8 |
| 229 | 18.2 | 16.3 | 24.5 |



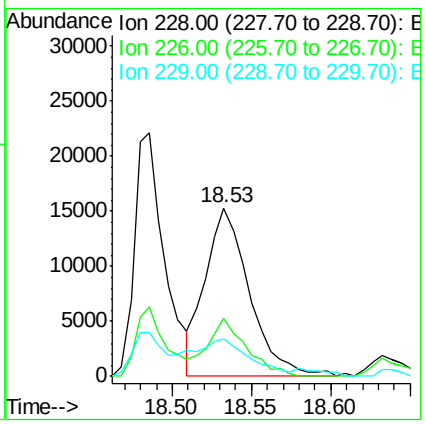


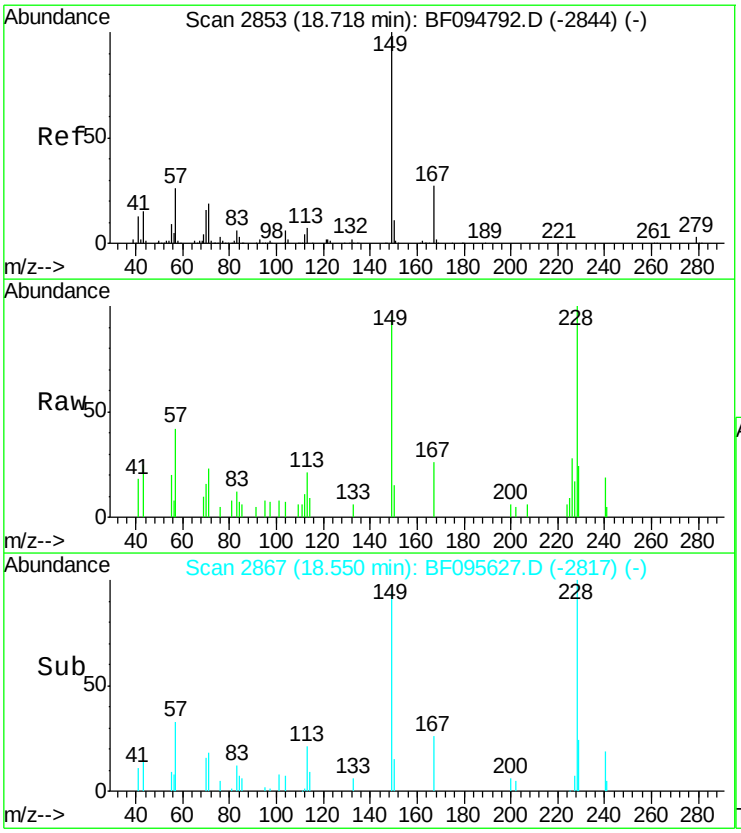

#82
Chrysene
Concen: 2.259 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:228 Resp: 29713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.8 | 24.9 | 37.3 |
| 229 | 21.9 | 15.8 | 23.6 |

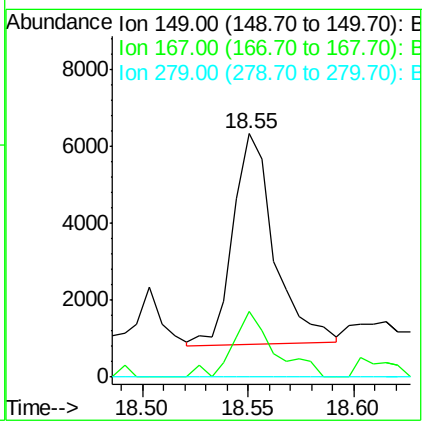


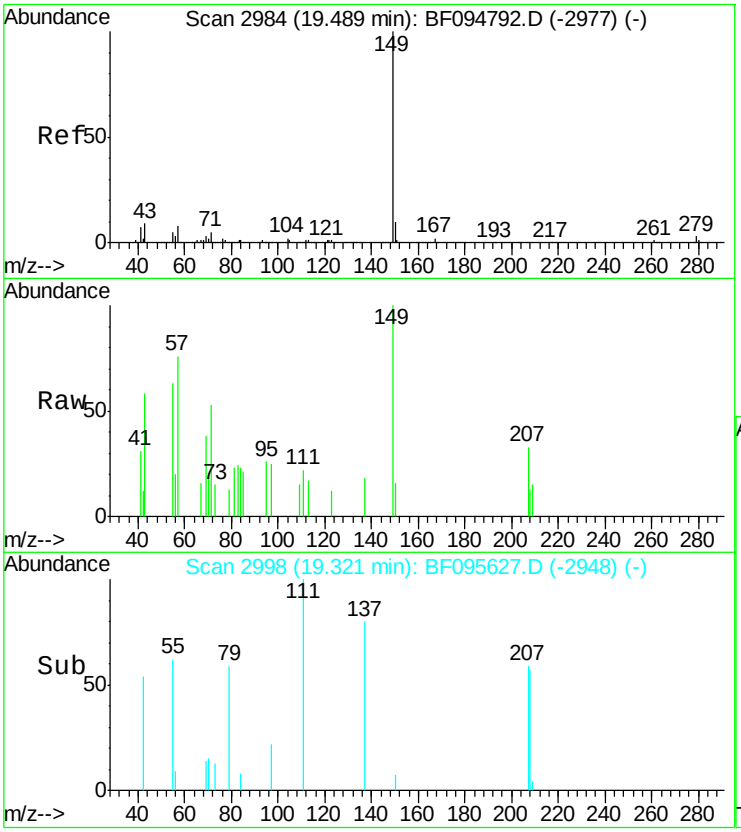




#83
Bis(2-ethylhexyl)phthalate
Concen: 0.639 ng
RT: 18.55 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:149 Resp: 7401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.2 | 21.0 | 31.4 |
| 279 | 0.0 | 1.9 | 2.9# |



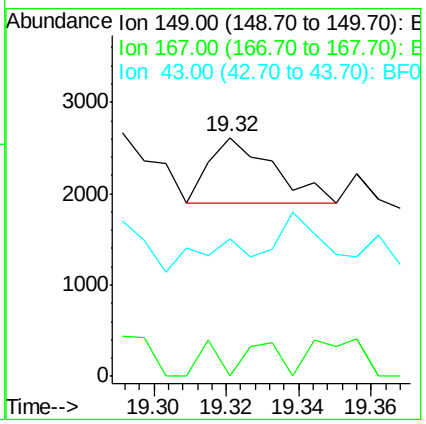


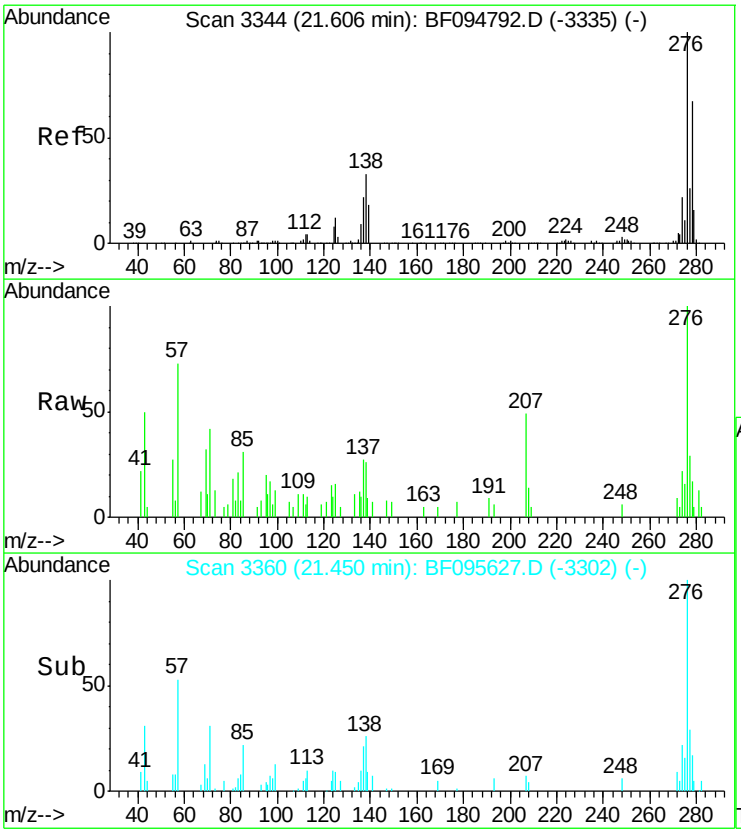

#84
Di-n-octyl phthalate
Concen: 0.047 ng
RT: 19.32 min Scan# 2998
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:149 Resp: 896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 15.8 | 1.2 | 1.8# |
| 43 | 0.0 | 8.5 | 12.7# |

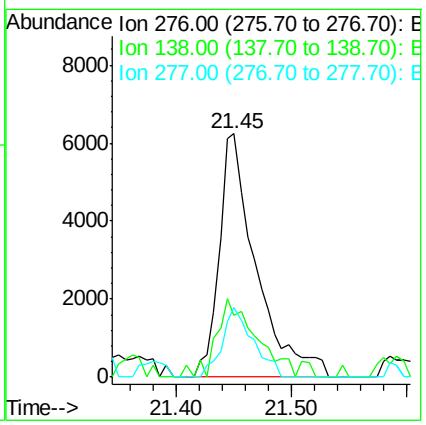


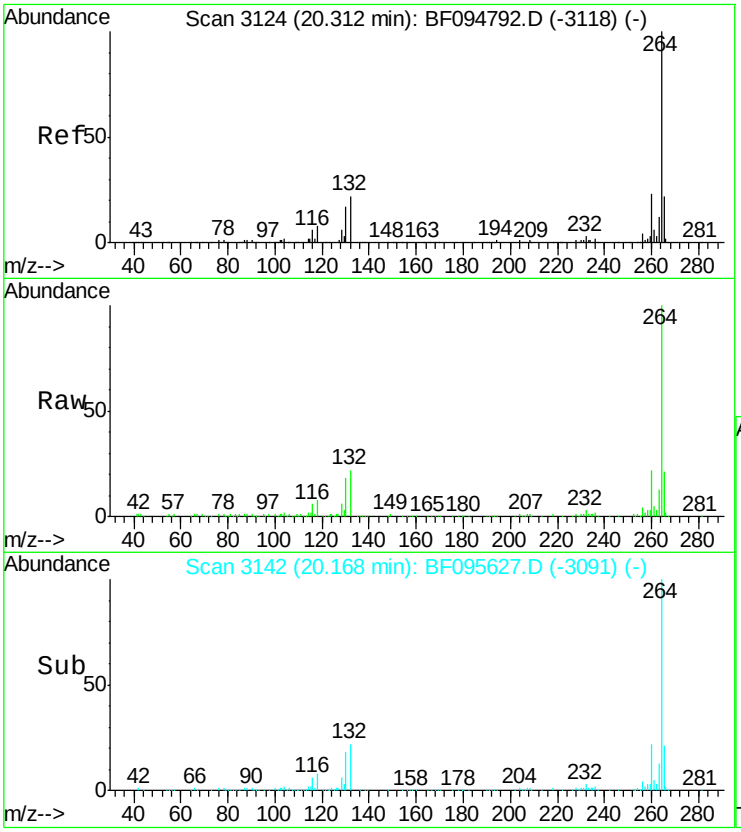




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.295 ng
RT: 21.45 min Scan# 3360
Delta R.T. 0.04 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:276 Resp: 13830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 33.9 | 27.8 | 41.6 |
| 277 | 24.2 | 20.2 | 30.4 |



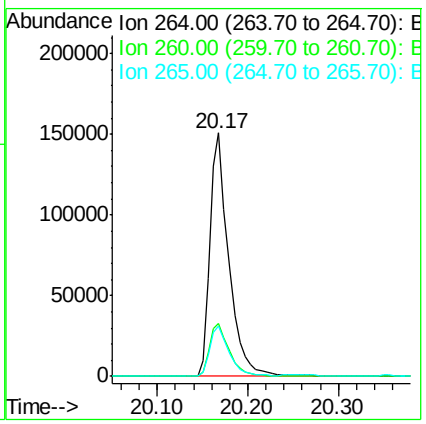


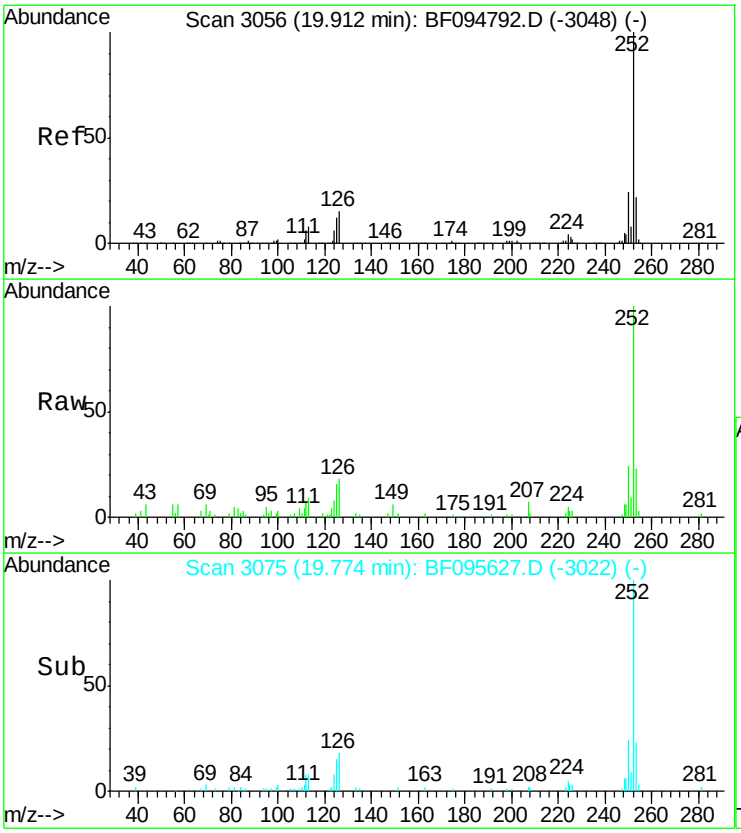

#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:264 Resp: 218652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 19.5 | 29.3 |
| 265 | 20.9 | 17.2 | 25.8 |

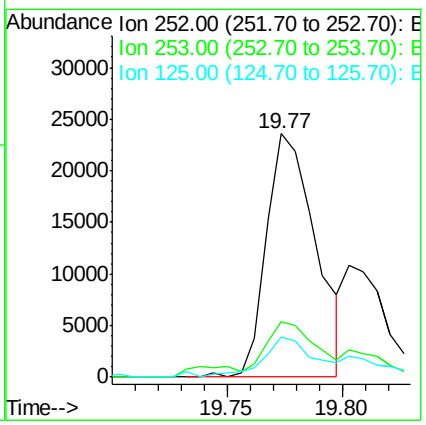


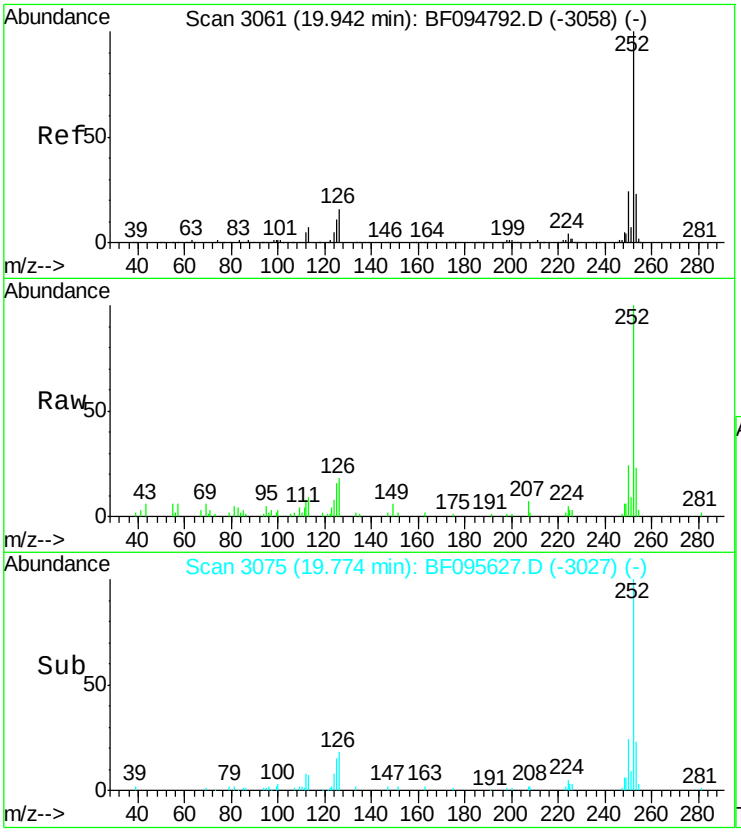




#87
Benzo(b)fluoranthene
Concen: 2.598 ng
RT: 19.77 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:252 Resp: 35099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 18.1 | 27.1 |
| 125 | 16.4 | 9.8 | 14.8# |



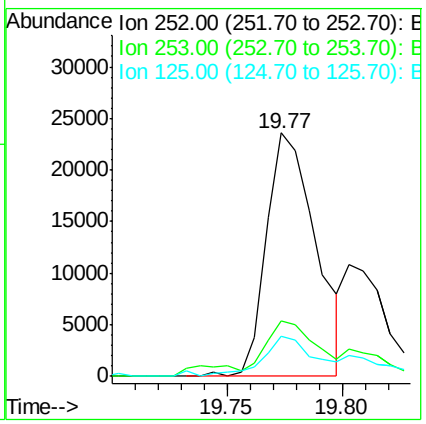


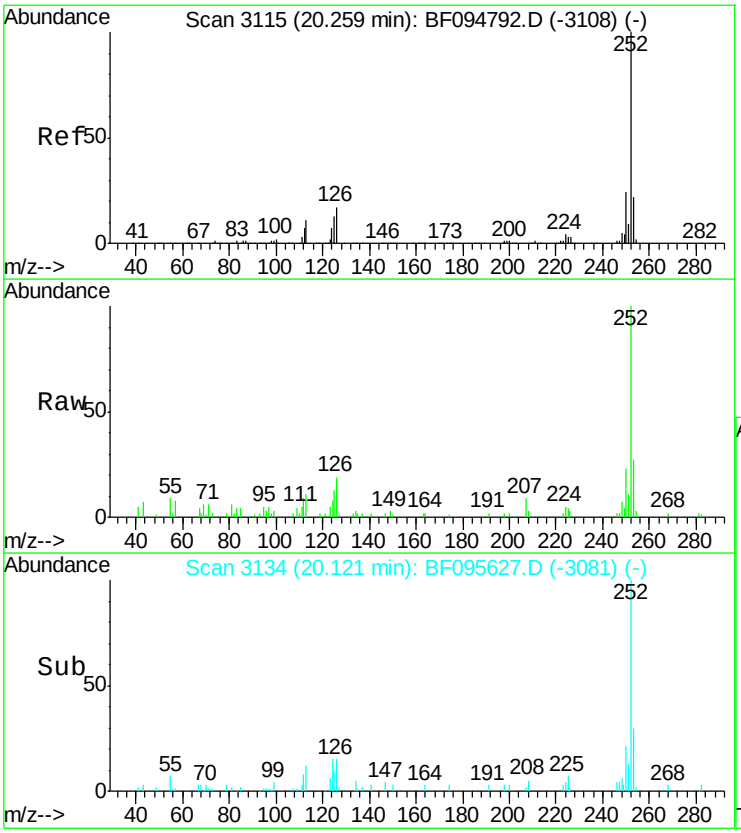

#88
Benzo(k)fluoranthene
Concen: 2.693 ng
RT: 19.77 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:252 Resp: 35099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 18.4 | 27.6 |
| 125 | 16.4 | 13.1 | 19.7 |

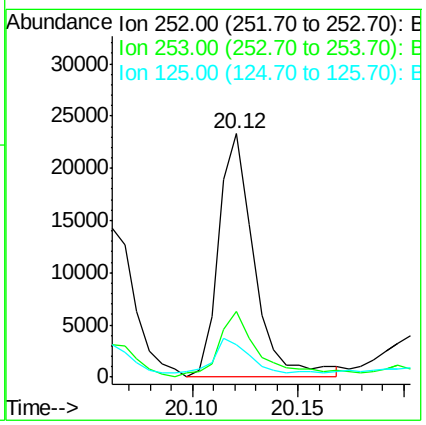


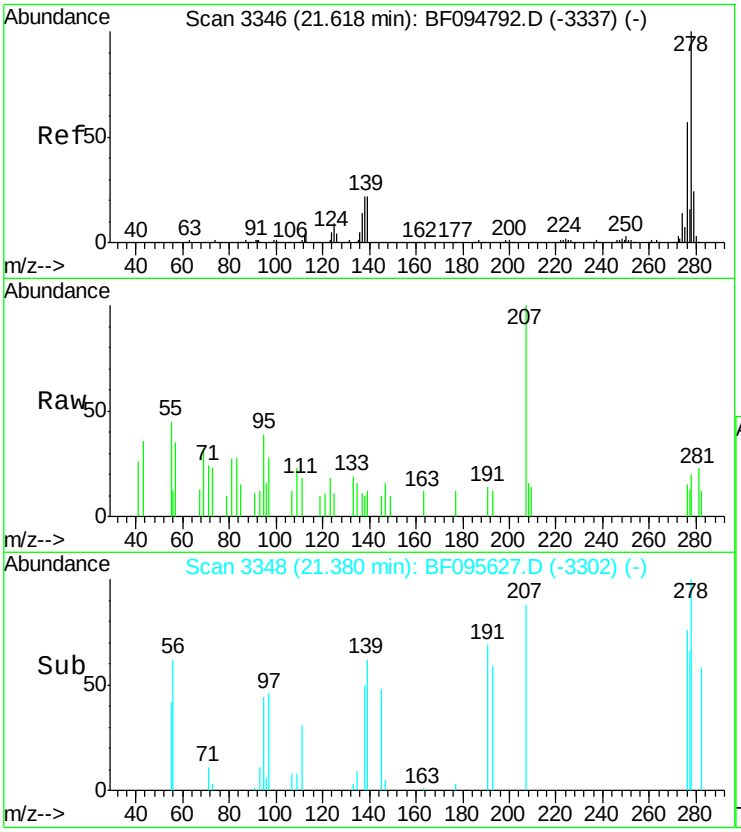




#89
Benzo(a)pyrene
Concen: 2.179 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:252 Resp: 27171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.8 | 17.5 | 26.3# |
| 125 | 13.4 | 11.0 | 16.4 |



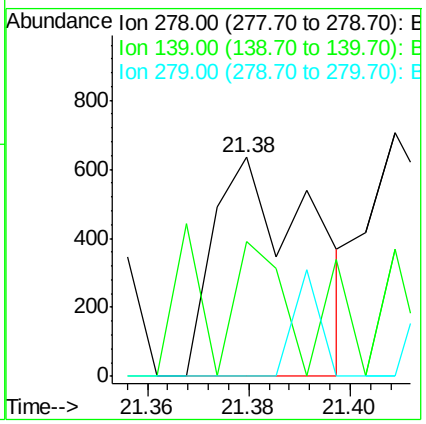


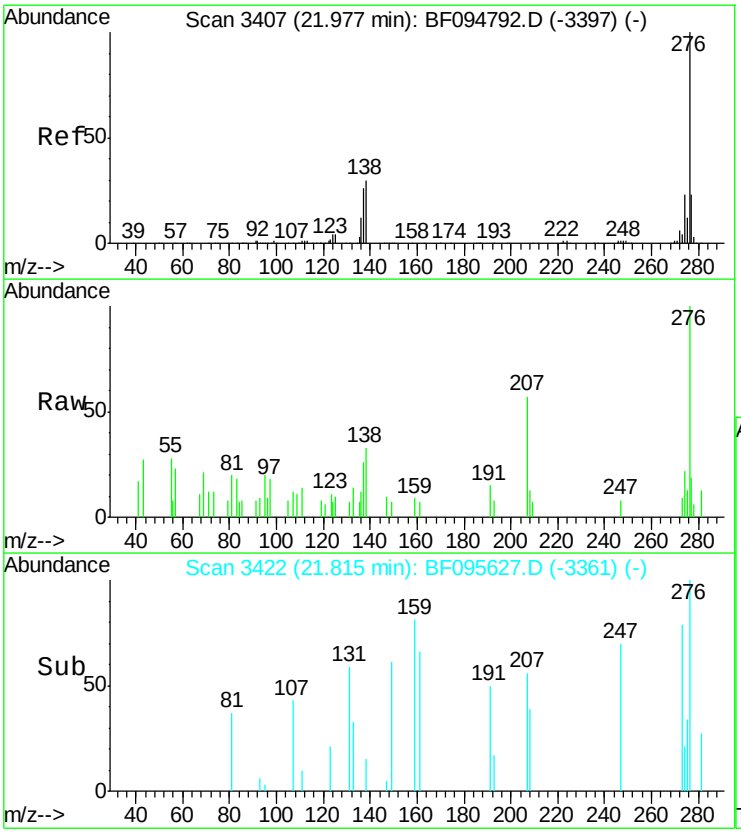

#90
Dibenzo(a,h)anthracene
Concen: 0.082 ng
RT: 21.38 min Scan# 3348
Delta R.T. -0.03 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

**Instrument :**
BNA_F
**ClientSampleId :**
E2-U6-SSW

Tgt Ion:278 Resp: 840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 61.7 | 16.6 | 24.8# |
| 279 | 0.0 | 19.3 | 28.9# |




#91
Benzo(g,h,i)perylene
Concen: 1.249 ng
RT: 21.81 min Scan# 3422
Delta R.T. 0.06 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion:276 Resp: 12619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 18.9 | 18.6 | 28.0 |
| 138 | 33.4 | 25.4 | 38.0 |