Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
Data File : BF088486.D
Acq On : 28 Jun 2016 18:40
Operator : UM/SJ
Sample : H3629-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOCATION-5B(5-7)RE

Quant Time: Jun 29 01:27:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.52 | 152 | 90890 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.84 | 136 | 245320 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.62 | 164 | 75175 | 20.00 | ng | | 0.03 |
| 63) Phenanthrene-d10 | 11.08 | 188 | 207813 | 20.00 | ng | | 0.02 |
| 75) Chrysene-d12 | 13.67 | 240 | 233960 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.02 | 264 | 190485 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.10 | 112 | 558624 | 105.07 | ng | | -0.03 |
| 7) Phenol-d6 | 6.19 | 99 | 746261 | 115.82 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.11 | 82 | 426383 | 101.49 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.41 | 330 | 101377 | 127.72 | ng | | 0.03 |
| 44) 2-Fluorobiphenyl | 8.94 | 172 | 437811 | 91.94 | ng | | 0.01 |
| 78) Terphenyl-d14 | 12.63 | 244 | 635560 | 61.82 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.68 | 88 | 58004 | 22.45 | ng | # | 87 |
| 10) Phenol | 6.20 | 94 | 3071 | Below Cal | | # | 1 |
| 15) Benzyl Alcohol | 6.68 | 79 | 12190 | 2.42 | ng | # | 49 |
| 18) Hexachloroethane | 7.10 | 117 | 210933 | 87.40 | ng | # | 40 |
| 19) n-Nitroso-di-n-propylamine | 6.95 | 70 | 30555 | 7.41 | ng | # | 68 |
| 22) Acetophenone | 7.07 | 105 | 57276 | 10.45 | ng | # | 13 |
| 24) Nitrobenzene | 7.19 | 77 | 12309 | 3.02 | ng | # | 72 |
| 25) Isophorone | 7.45 | 82 | 430719 | 55.35 | ng | # | 18 |
| 26) 2-Nitrophenol | 7.50 | 139 | 36104 | 16.56 | ng | # | 1 |
| 27) 2,4-Dimethylphenol | 7.47 | 122 | 42859 | 10.68 | ng | # | 1 |
| 28) bis(2-Chloroethoxy)methane | 7.62 | 93 | 59942 | 12.42 | ng | # | 1 |
| 29) 2,4-Dichlorophenol | 7.69 | 162 | 13216 | 3.94 | ng | # | 1 |
| 30) 1,2,4-Trichlorobenzene | 7.71 | 180 | 25633 | 7.02 | ng | # | 46 |
| 31) Naphthalene | 7.88 | 128 | 78765 | 6.49 | ng | # | 1 |
| 32) Benzoic acid | 7.75 | 122 | 51470 | 23.29 | ng | # | 3 |
| 33) 4-Chloroaniline | 7.96 | 127 | 20864 | 3.85 | ng | # | 1 |
| 35) Caprolactam | 8.31 | 113 | 198614 | 178.93 | ng | # | 1 |
| 36) 4-Chloro-3-methylphenol | 8.38 | 107 | 65377 | 18.24 | ng | # | 35 |
| 37) 2-Methylnaphthalene | 8.57 | 142 | 331795 | 41.47 | ng | # | 84 |
| 42) 2,4,6-Trichlorophenol | 8.86 | 196 | 12684 | 8.44 | ng | # | 11 |
| 43) 2,4,5-Trichlorophenol | 8.86 | 196 | 12684 | 8.11 | ng | # | 1 |
| 45) 1,1'-Biphenyl | 9.04 | 154 | 7212 | Below Cal | | # | 1 |
| 47) 2-Nitroaniline | 9.10 | 65 | 11988 | 8.35 | ng | # | 59 |
| 48) Acenaphthylene | 9.48 | 152 | 61028 | 7.89 | ng | # | 1 |
| 49) Dimethylphthalate | 9.34 | 163 | 53853 | 9.89 | ng | # | 1 |
| 50) 2,6-Dinitrotoluene | 9.43 | 165 | 53269 | 42.71 | ng | # | 76 |
| 51) Acenaphthene | 9.66 | 154 | 121224 | 25.11 | ng | # | 59 |
| 52) 3-Nitroaniline | 9.58 | 138 | 59902 | 41.63 | ng | # | 19 |
| 53) 2,4-Dinitrophenol | 9.84 | 184 | 10291 | 20.42 | ng | # | 1 |
| 54) Dibenzofuran | 9.83 | 168 | 96208 | 14.47 | ng | # | 1 |
| 55) 4-Nitrophenol | 9.83 | 139 | 83234 | 74.52 | ng | # | 35 |
| 56) 2,4-Dinitrotoluene | 9.83 | 165 | 24310 | 15.17 | ng | # | 59 |
| 57) Fluorene | 10.16 | 166 | 215411 | 48.31 | ng | # | 70 |
| 59) Diethylphthalate | 10.07 | 149 | 24857 | 4.51 | ng | # | 11 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
Data File : BF088486.D
Acq On : 28 Jun 2016 18:40
Operator : UM/SJ
Sample : H3629-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOCATION-5B(5-7)RE

Quant Time: Jun 29 01:27:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 61) 4-Nitroaniline | 10.03 | 138 | 22877 | 16.76 | ng | | 94 |
| 62) Azobenzene | 10.31 | 77 | 59580 | 10.93 | ng | # | 1 |
| 64) 4,6-Dinitro-2-methylphenol | 10.23 | 198 | 3289 | 4.58 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 10.27 | 169 | 504713 | 73.19 | ng | # | 47 |
| 68) Atrazine | 10.75 | 200 | 9248 | 4.43 | ng | # | 1 |
| 70) Phenanthrene | 11.11 | 178 | 376537 | 34.53 | ng | # | 92 |
| 71) Anthracene | 11.15 | 178 | 31616 | 2.87 | ng | # | 61 |
| 74) Fluoranthene | 12.27 | 202 | 127701 | 11.10 | ng | | 93 |
| 77) Pyrene | 12.49 | 202 | 174905 | 10.07 | ng | # | 95 |
| 80) Benzo(a)anthracene | 13.67 | 228 | 37032 | 2.78 | ng | # | 85 |
| 82) Chrysene | 13.67 | 228 | 37032 | 2.95 | ng | # | 89 |
| 83) Bis(2-ethylhexyl)phthalate | 13.65 | 149 | 33817 | 3.62 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 14.67 | 252 | 44437 | 3.35 | ng | # | 88 |
| 88) Benzo(k)fluoranthene | 14.67 | 252 | 44437 | 4.44 | ng | # | 93 |

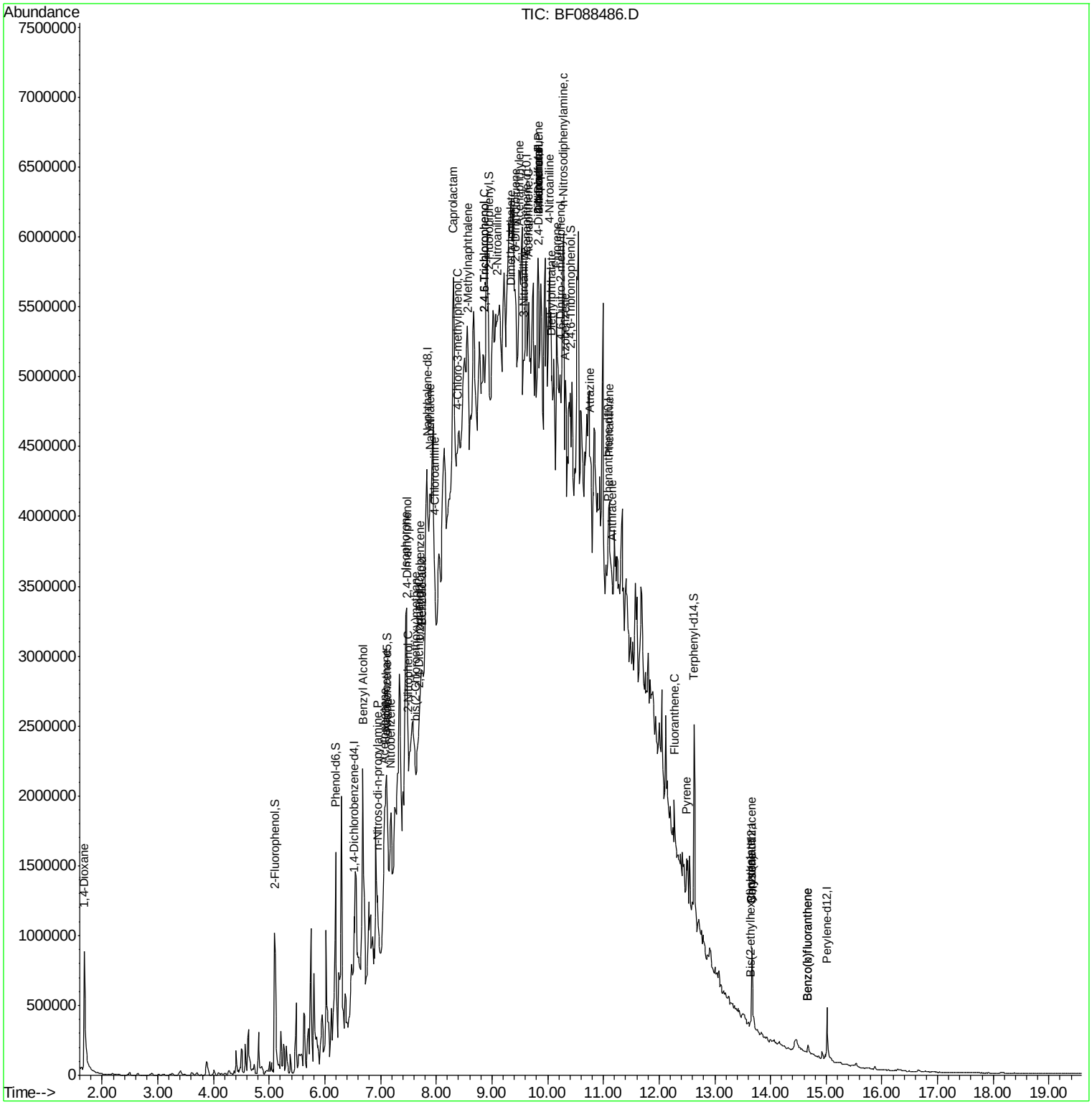
(#) = qualifier out of range (m) = manual integration (+) = signals summed

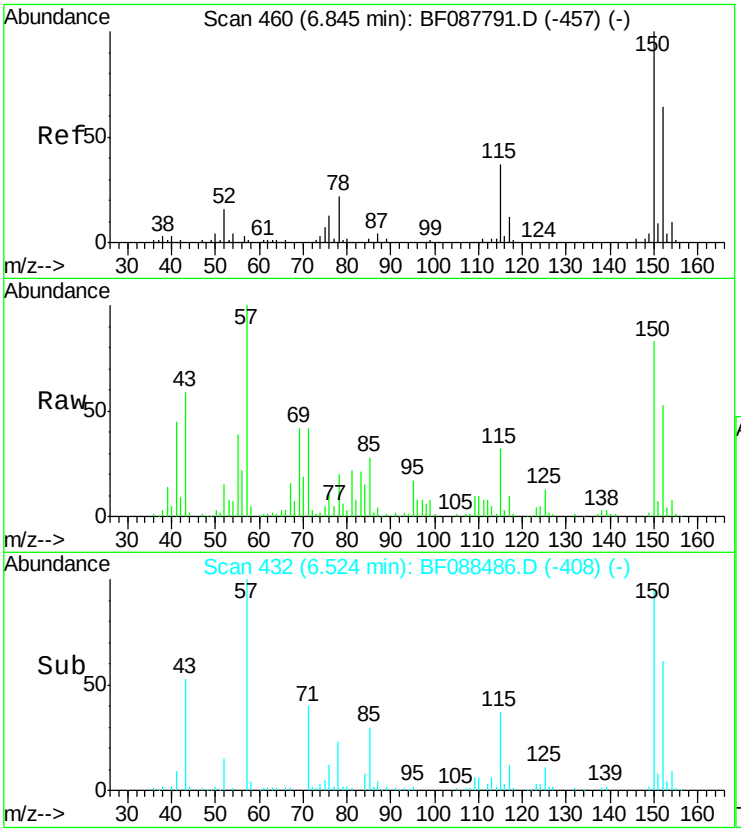
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
Data File : BF088486.D
Acq On : 28 Jun 2016 18:40
Operator : UM/SJ
Sample : H3629-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Quant Time: Jun 29 01:27:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration



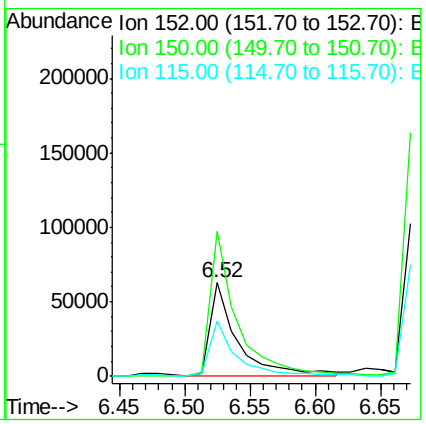


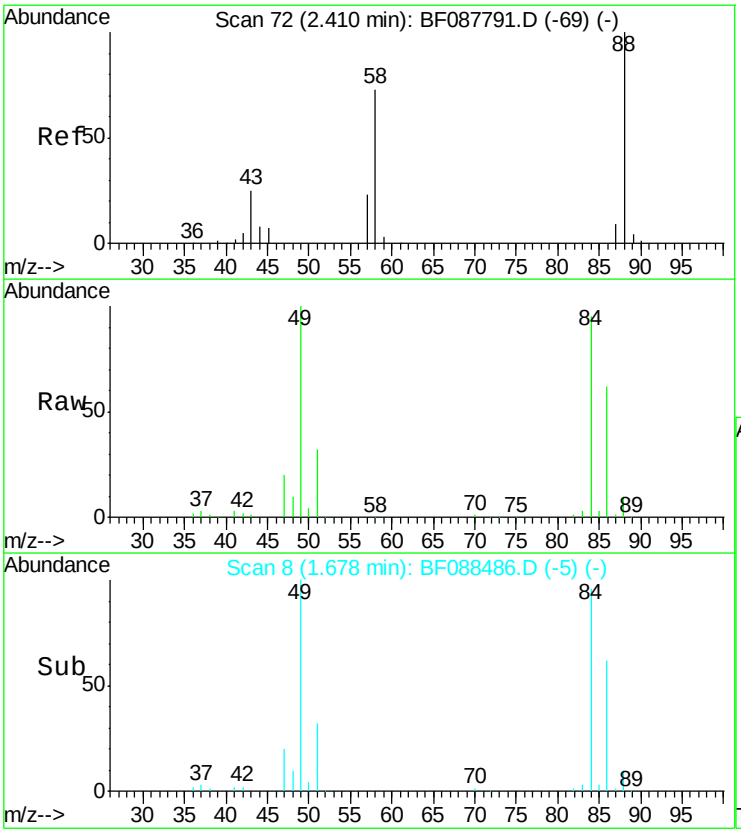

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:152 Resp: 90890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.1 | 123.8 | 185.6 |
| 115 | 59.8 | 39.6 | 59.4# |

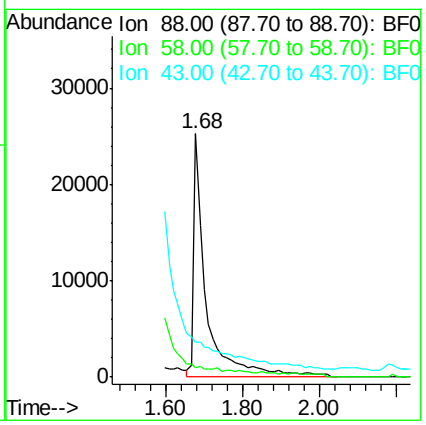


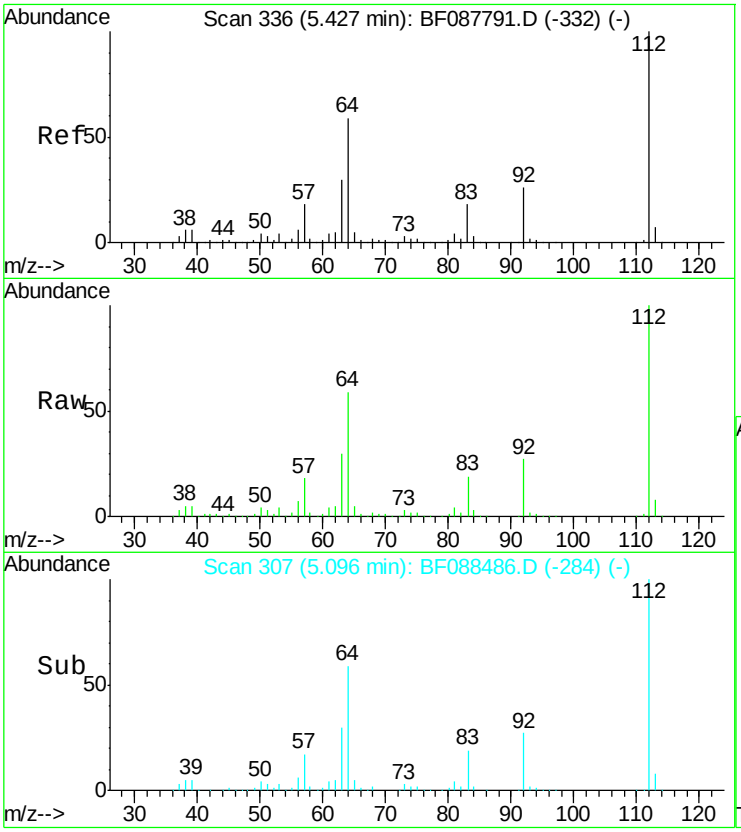




#2
1,4-Dioxane
Concen: 22.45 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.26 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion: 88 Resp: 58004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 0.0 | 0.0 |
| 43 | 0.0 | 3.4 | 5.2# |



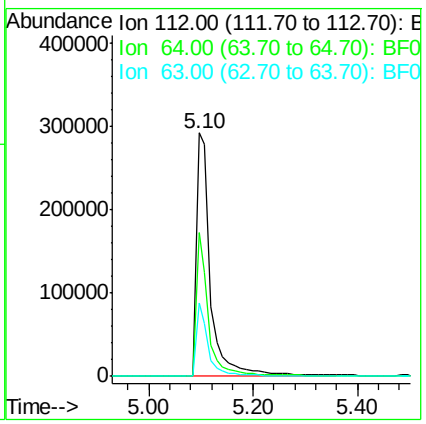


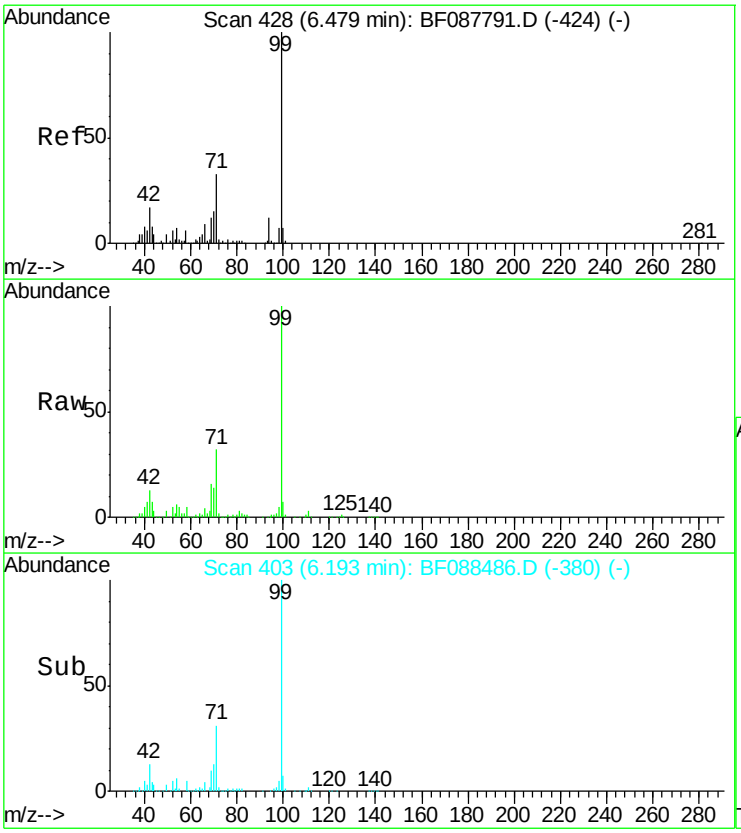

#5
2-Fluorophenol
Concen: 105.07 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:112 Resp: 558624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.8 | 42.2 | 63.2 |
| 63 | 30.3 | 21.8 | 32.8 |

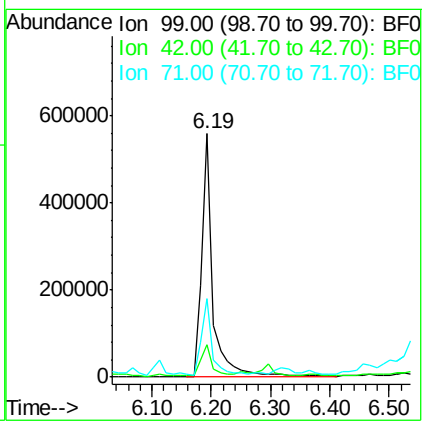


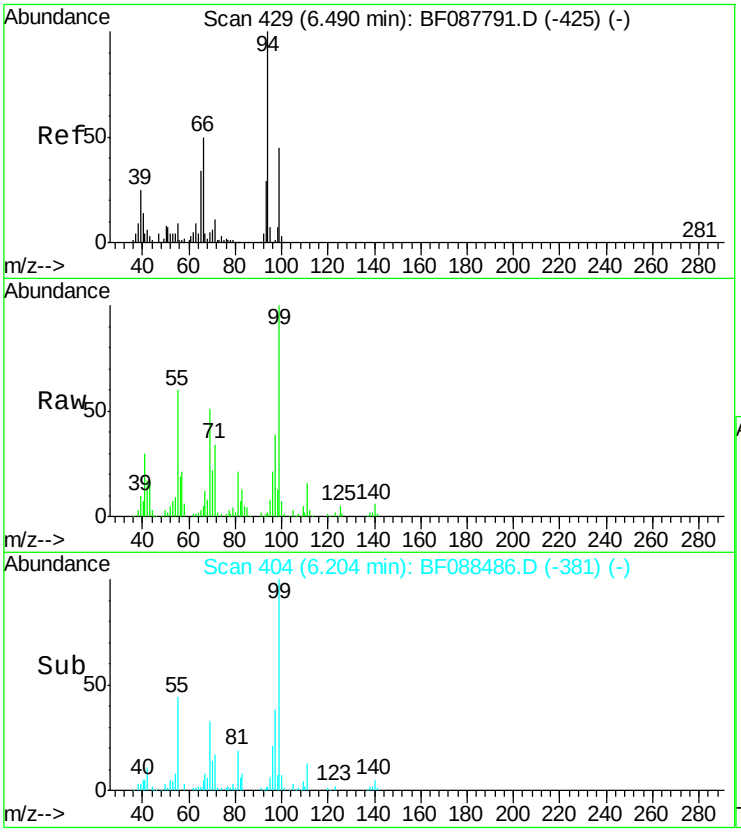




#7
Phenol-d6
Concen: 115.82 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion: 99 Resp: 746261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.5 | 12.2 | 18.2 |
| 71 | 32.3 | 23.4 | 35.0 |



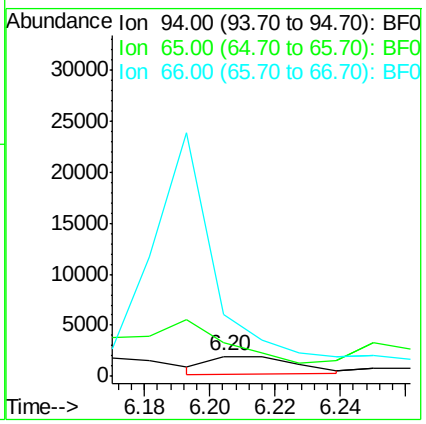


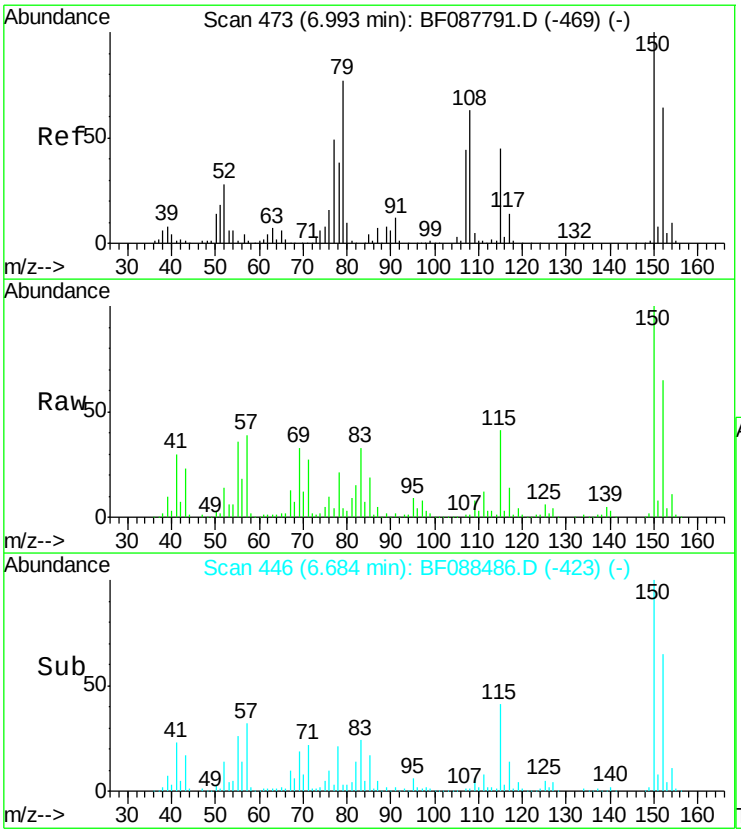

#10
Phenol
Concen:  Below Cal
RT: 6.20 min  Scan# 404
Delta R.T.  -0.03 min
Lab File:  BF088486.D
Acq: 28 Jun 2016  18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion: 94 Resp:  3071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 174.5 | 5.9 | 45.9# |
| 66 | 317.0 | 14.0 | 54.0# |

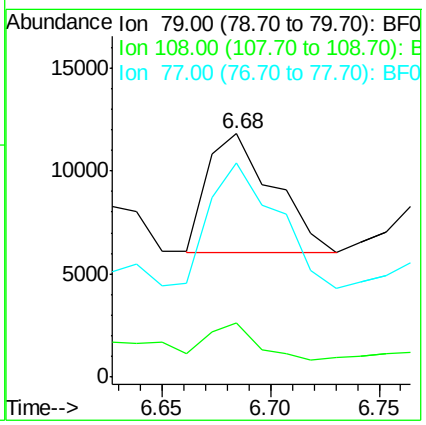


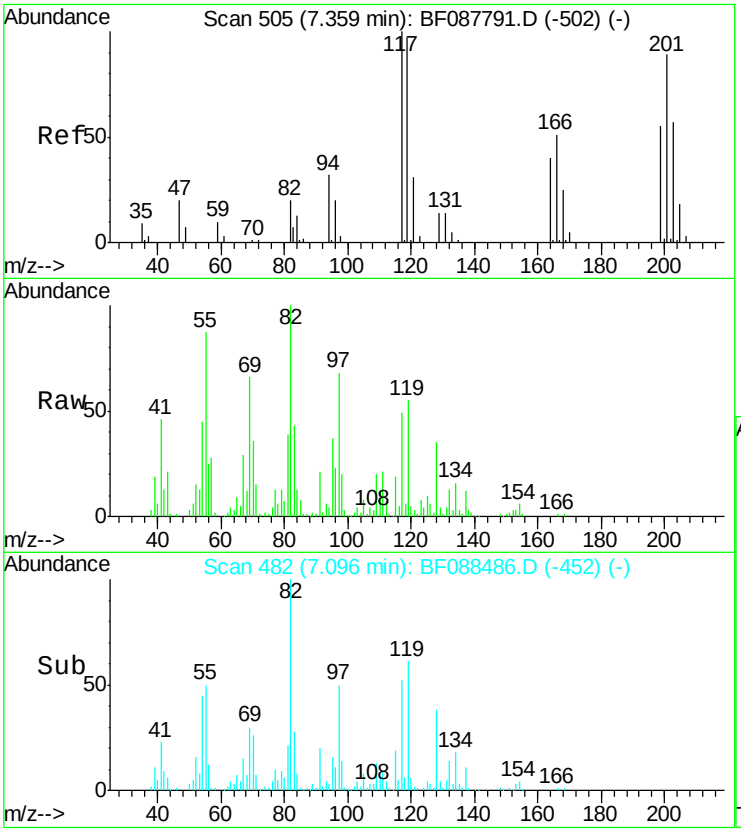




#15
Benzyl Alcohol
Concen:  2.42 ng
RT: 6.68 min  Scan# 446
Delta R.T.  -0.03 min
Lab File:  BF088486.D
Acq: 28 Jun 2016  18:40

Tgt Ion: 79 Resp:  12190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 22.3 | 65.0 | 97.6# |
| 77 | 87.8 | 50.3 | 75.5# |



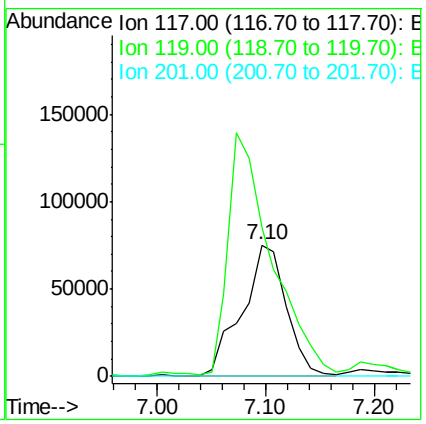


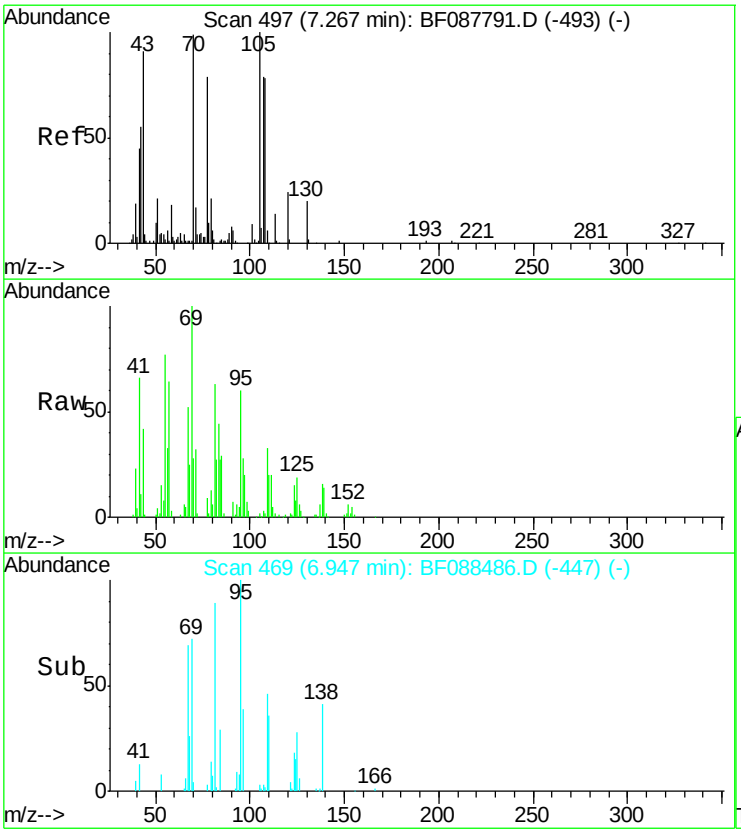

#18
Hexachloroethane
Concen: 87.40 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.05 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:117 Resp: 210933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 113.8 | 77.4 | 116.2 |
| 201 | 0.0 | 80.4 | 120.6# |

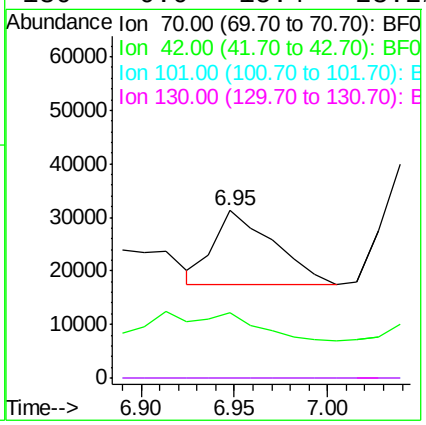


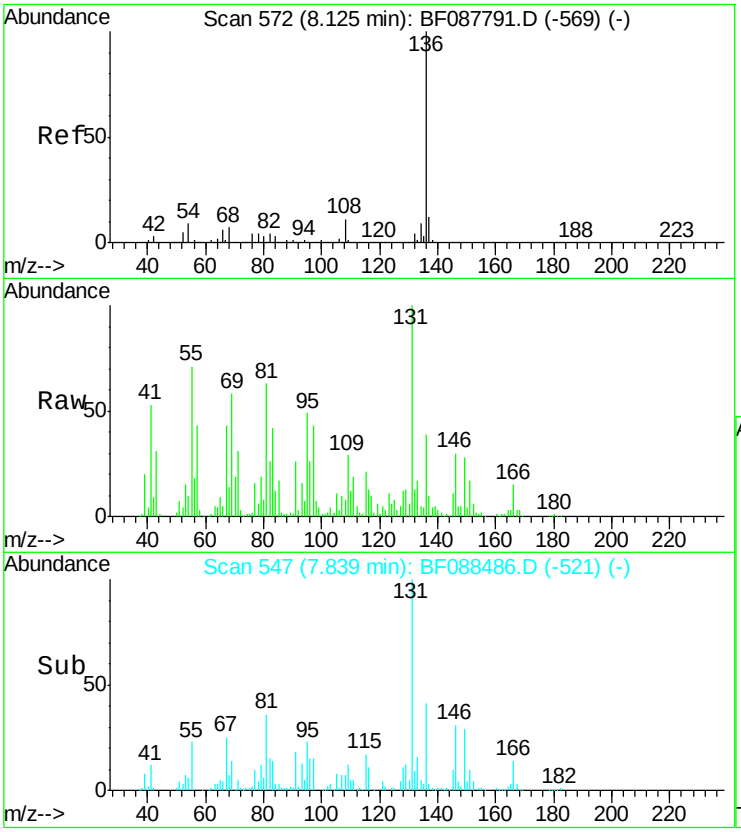




#19
n-Nitroso-di-n-propylamine
Concen: 7.41 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion: 70 Resp: 30555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.8 | 49.6 | 74.4# |
| 101 | 0.0 | 7.1 | 10.7# |
| 130 | 0.0 | 15.4 | 23.2# |



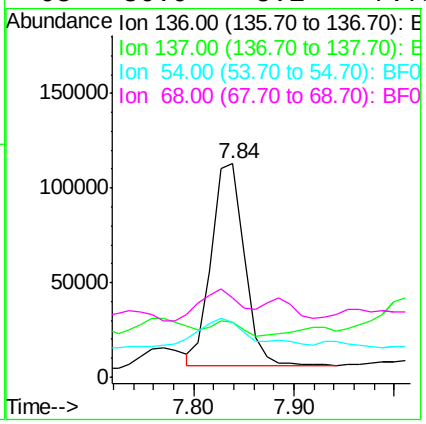


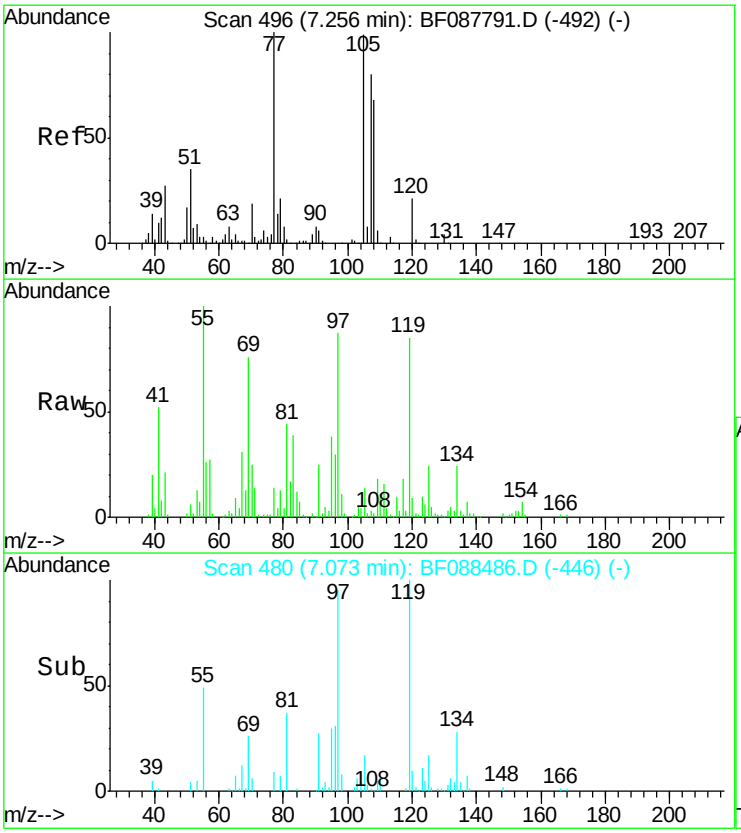

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:136 Resp: 245320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 25.7 | 9.1 | 13.7# |
| 54 | 25.7 | 6.6 | 10.0# |
| 68 | 36.9 | 5.1 | 7.7# |

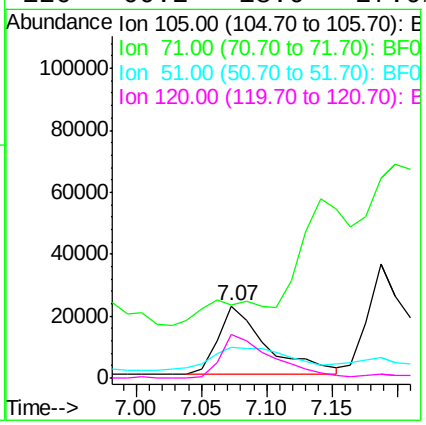


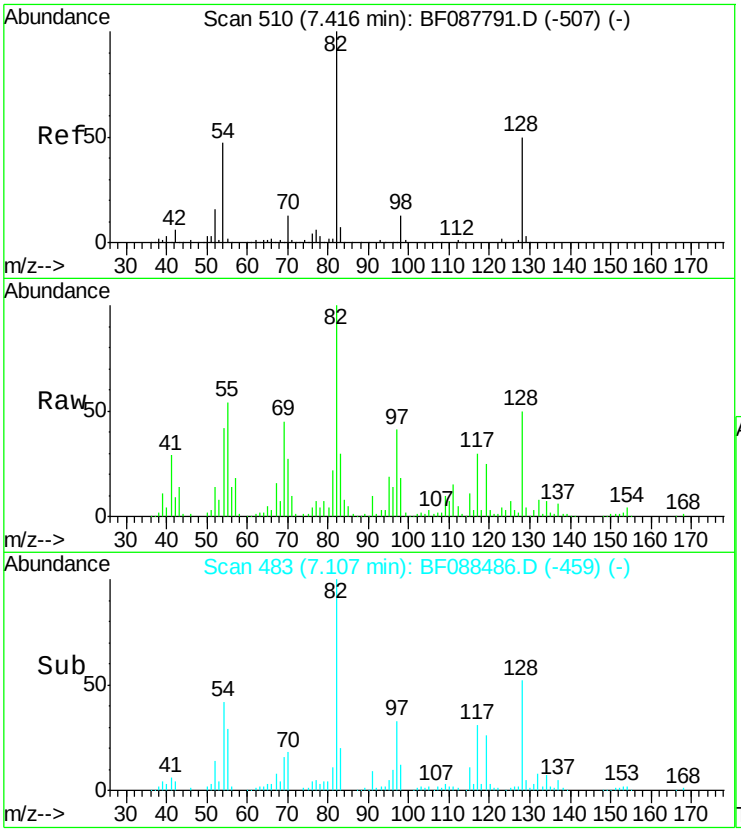




#22
Acetophenone
Concen: 10.45 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.09 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:105 Resp: 57276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 101.1 | 5.3 | 7.9# |
| 51 | 42.8 | 18.2 | 27.4# |
| 120 | 60.2 | 18.0 | 27.0# |



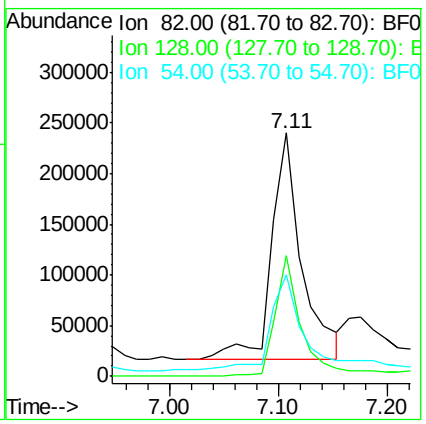


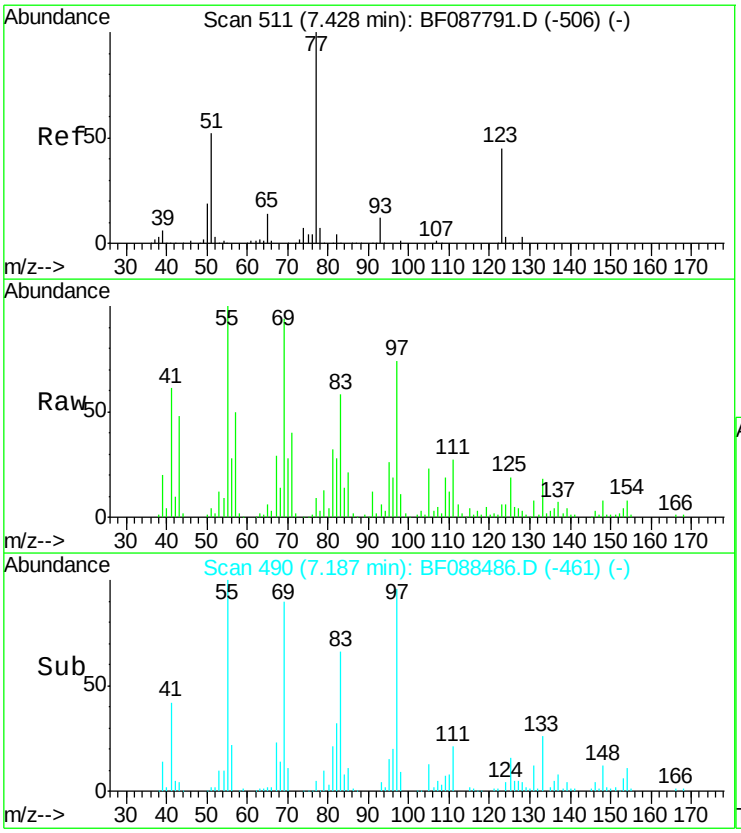

#23
Nitrobenzene-d5
Concen: 101.49 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion: 82 Resp: 426383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.6 | 35.9 | 53.9 |
| 54 | 41.5 | 40.9 | 61.3 |

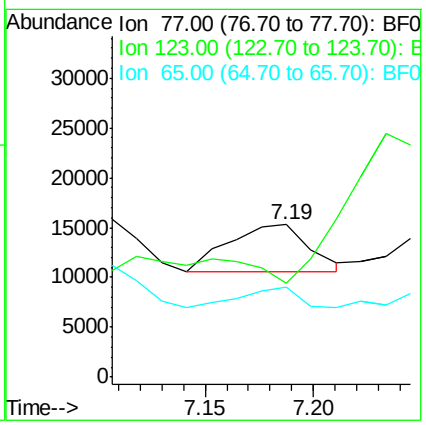


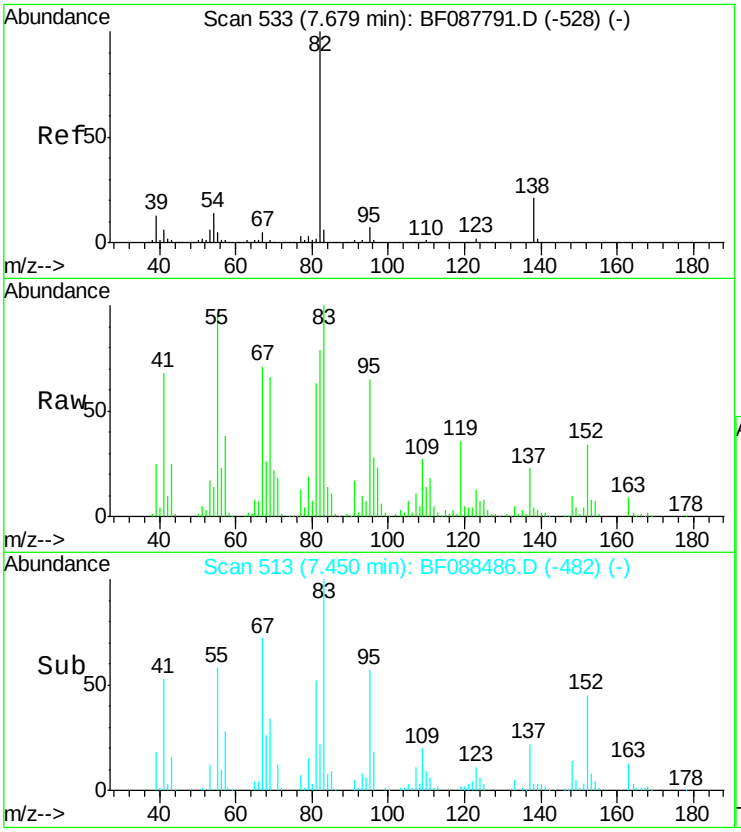




#24
Nitrobenzene
Concen: 3.02 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion: 77 Resp: 12309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 61.4 | 45.0 | 67.4 |
| 65 | 59.4 | 10.2 | 15.2# |



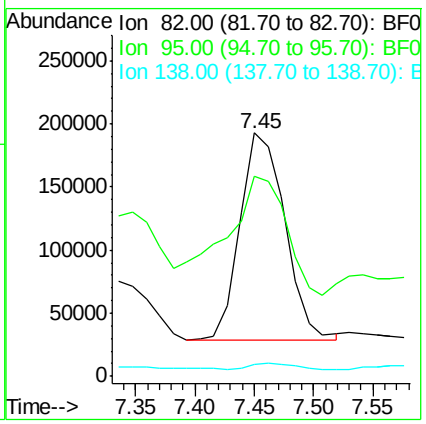


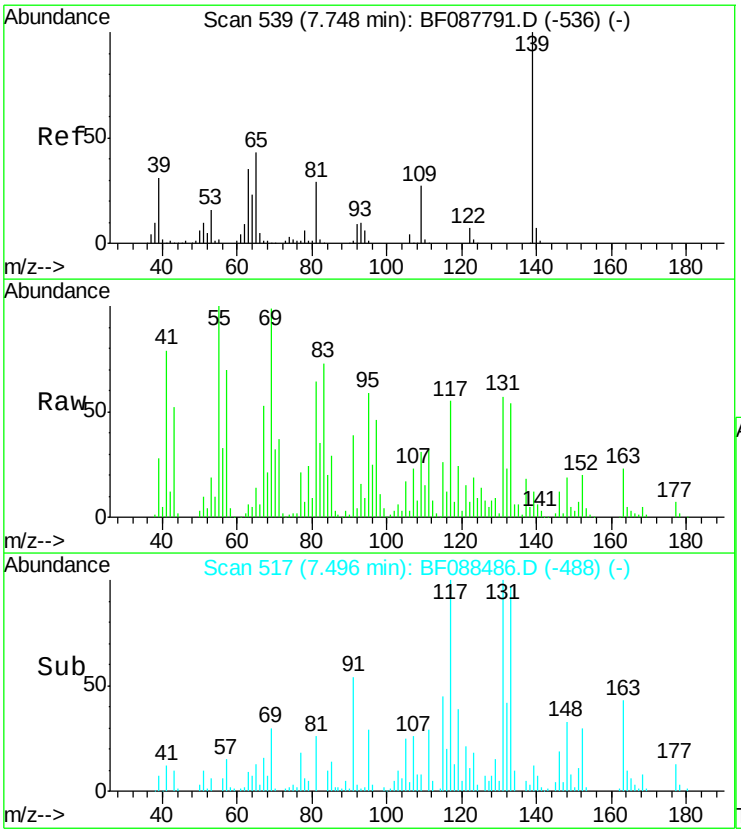

#25
Isophorone
Concen: 55.35 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.06 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion: 82 Resp: 430719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 82.3 | 5.4 | 8.2# |
| 138 | 4.8 | 14.6 | 21.8# |

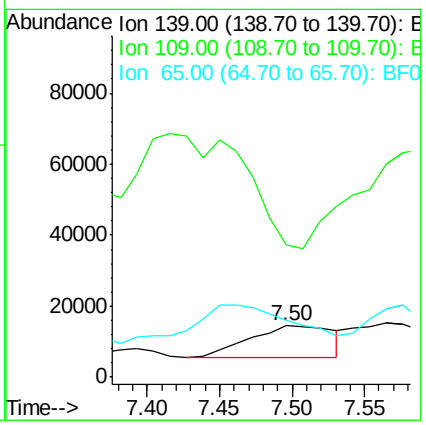


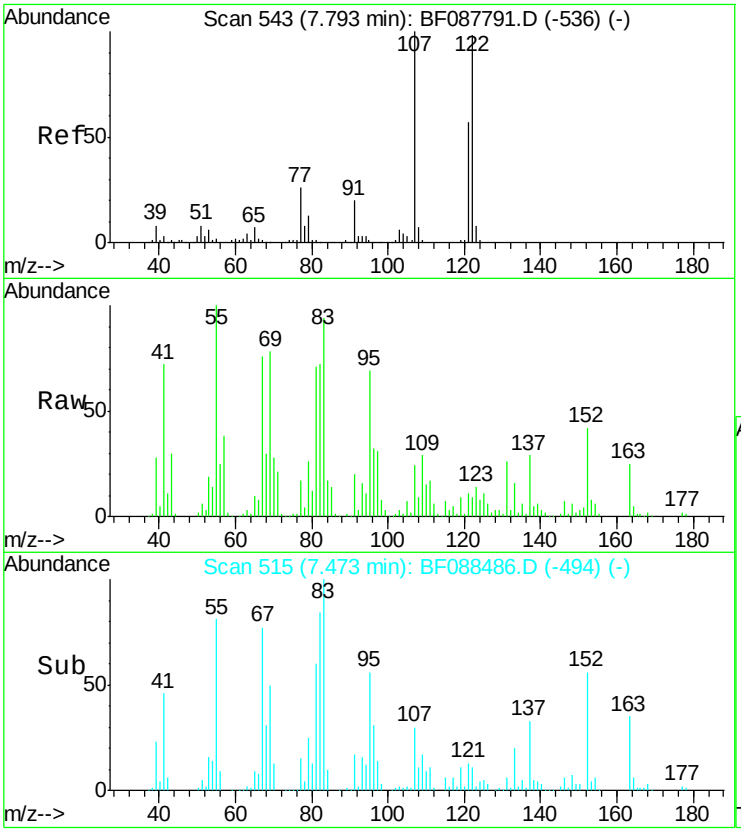




#26
2-Nitrophenol
Concen: 16.56 ng
RT: 7.50 min Scan# 517
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:139 Resp: 36104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 260.3 | 23.0 | 34.4# |
| 65 | 112.3 | 45.8 | 68.8# |



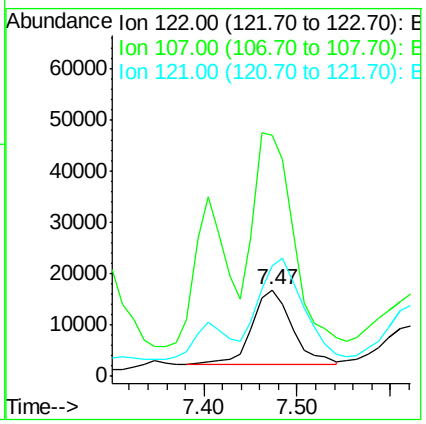


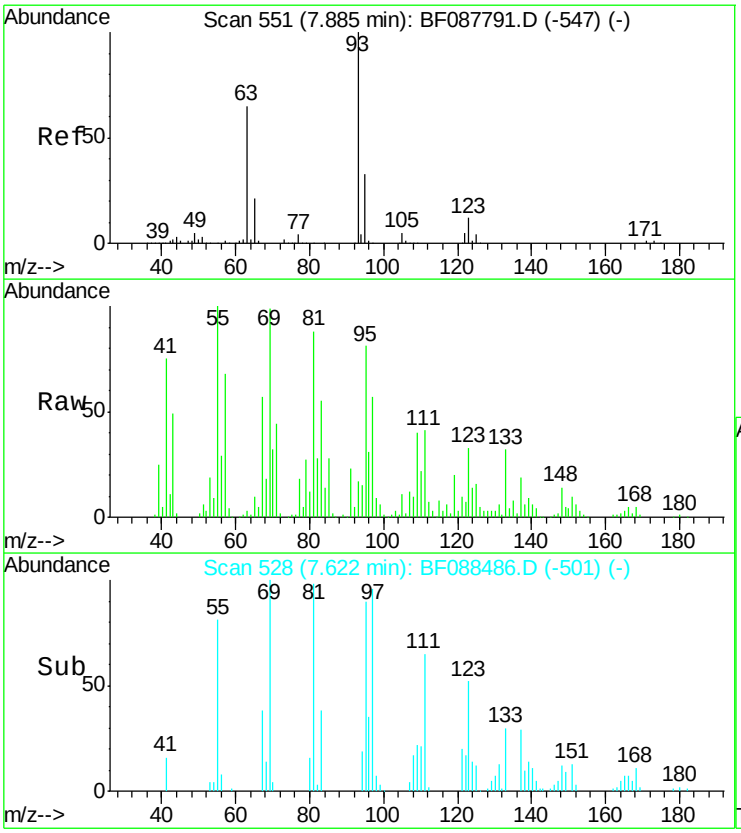

#27
2,4-Dimethylphenol
Concen: 10.68 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.06 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:122 Resp: 42859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 278.9 | 82.4 | 123.6# |
| 121 | 126.9 | 46.3 | 69.5# |

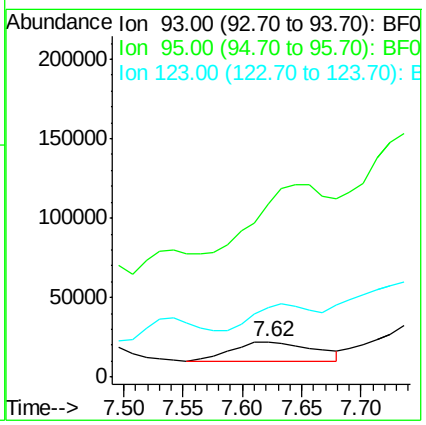


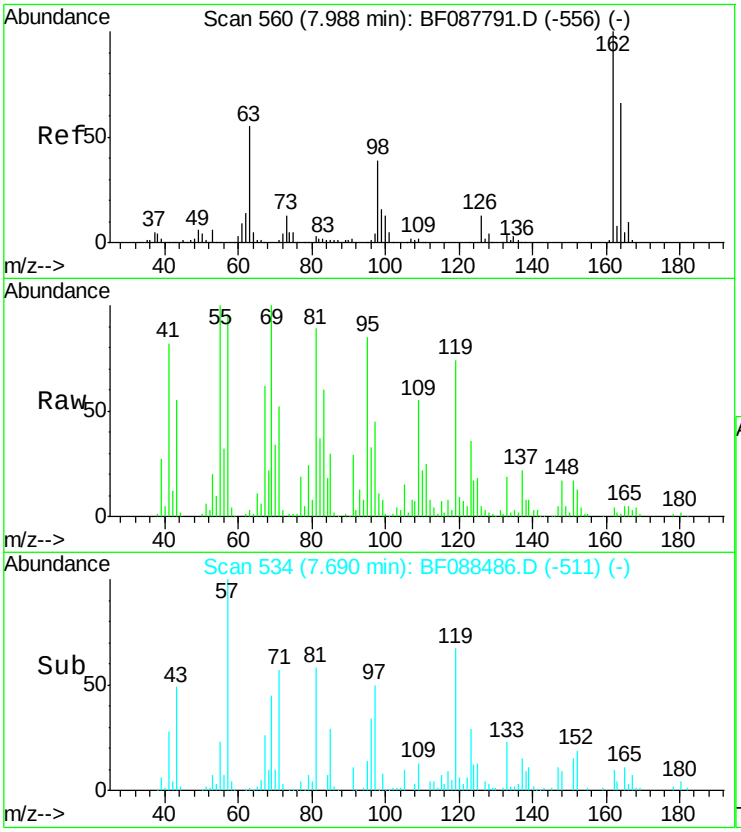




#28
bis(2-Chloroethoxy)methane
Concen: 12.42 ng
RT: 7.62 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion: 93 Resp: 59942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 487.1 | 26.5 | 39.7# |
| 123 | 197.1 | 11.6 | 17.4# |



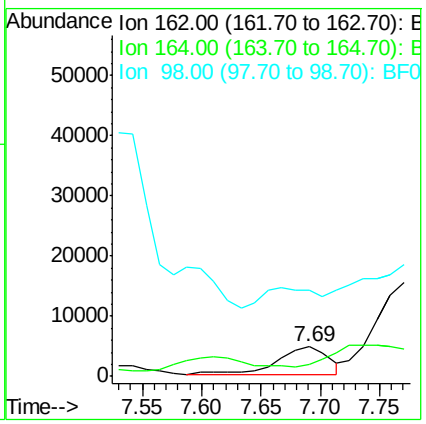


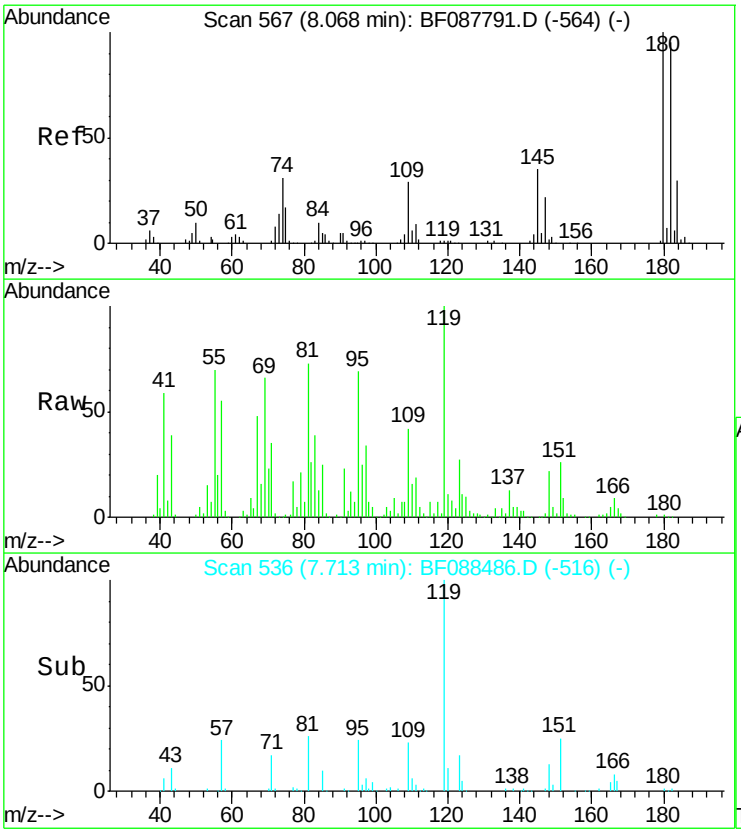

#29
2,4-Dichlorophenol
Concen: 3.94 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:162 Resp: 13216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 40.2 | 43.8 | 83.8# |
| 98 | 292.6 | 21.3 | 61.3# |

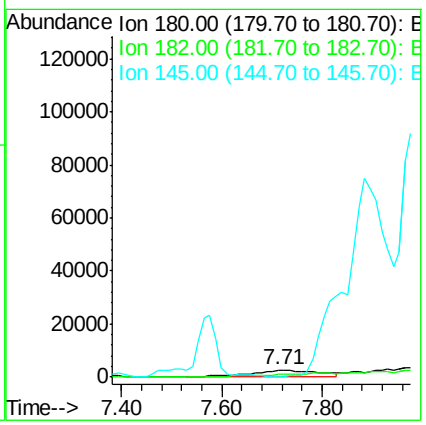


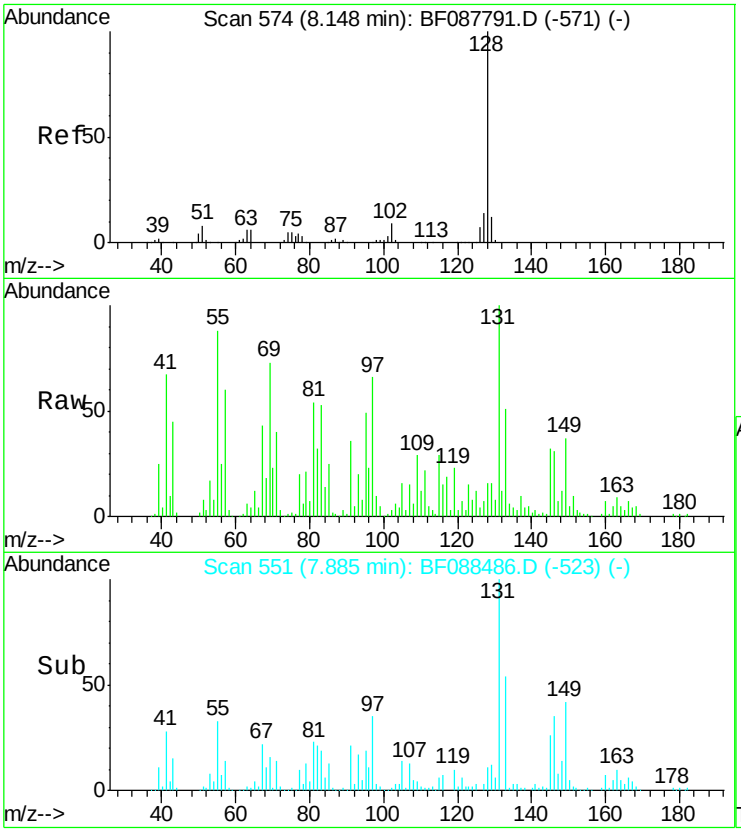




#30
1,2,4-Trichlorobenzene
Concen: 7.02 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:180 Resp: 25633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 36.4 | 76.0 | 114.0# |
| 145 | 13.2 | 26.5 | 39.7# |



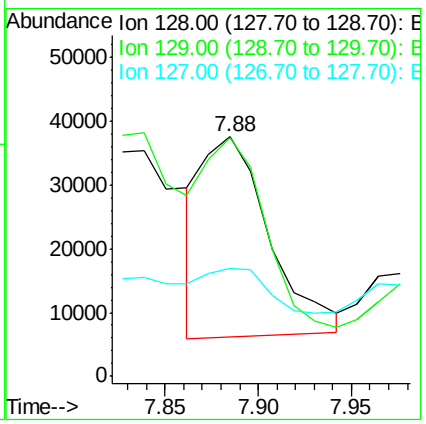


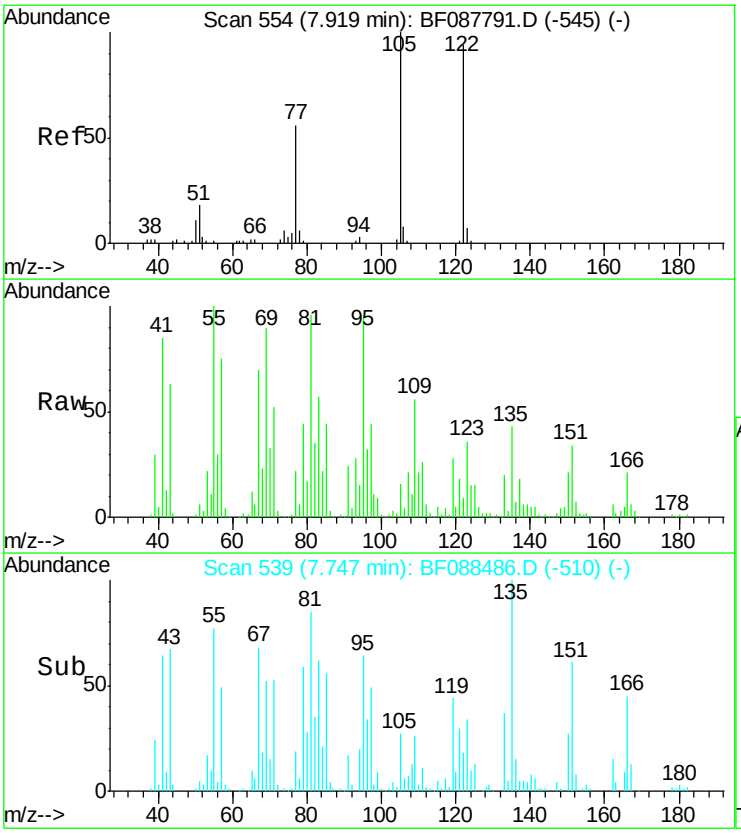

#31
Naphthalene
Concen: 6.49 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:128 Resp: 78765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 99.7 | 9.4 | 14.2# |
| 127 | 45.2 | 10.9 | 16.3# |

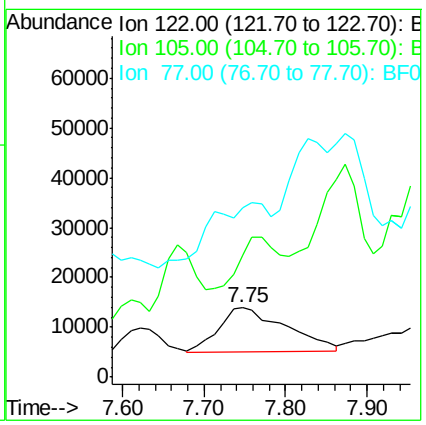


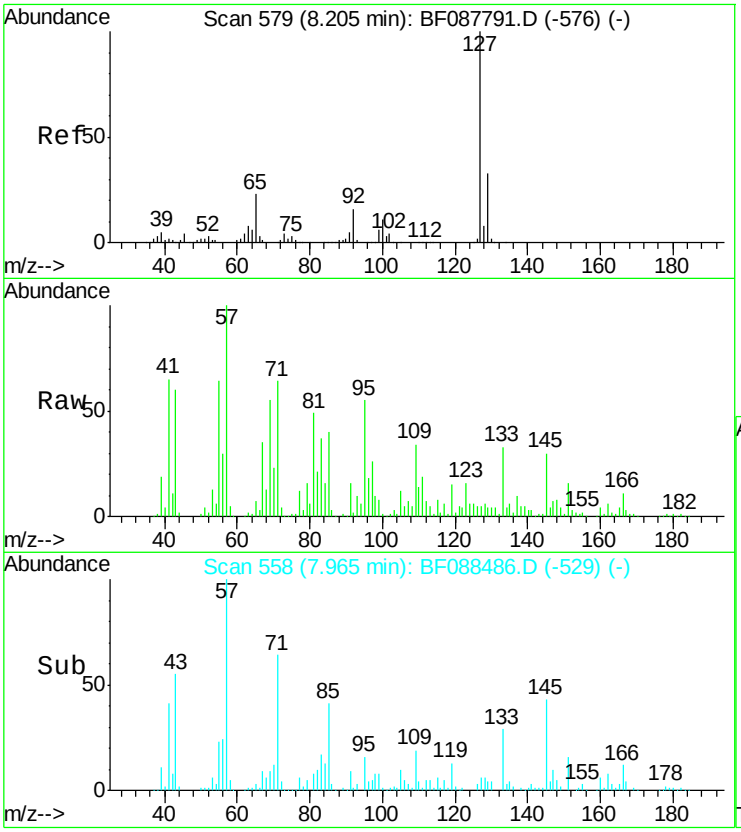




#32
Benzoic acid
Concen: 23.29 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:122 Resp: 51470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 175.7 | 101.6 | 141.6# |
| 77 | 243.9 | 70.6 | 110.6# |



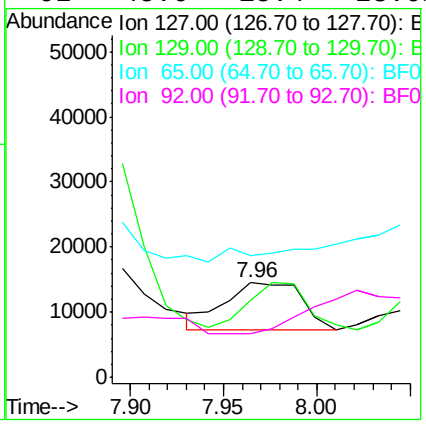


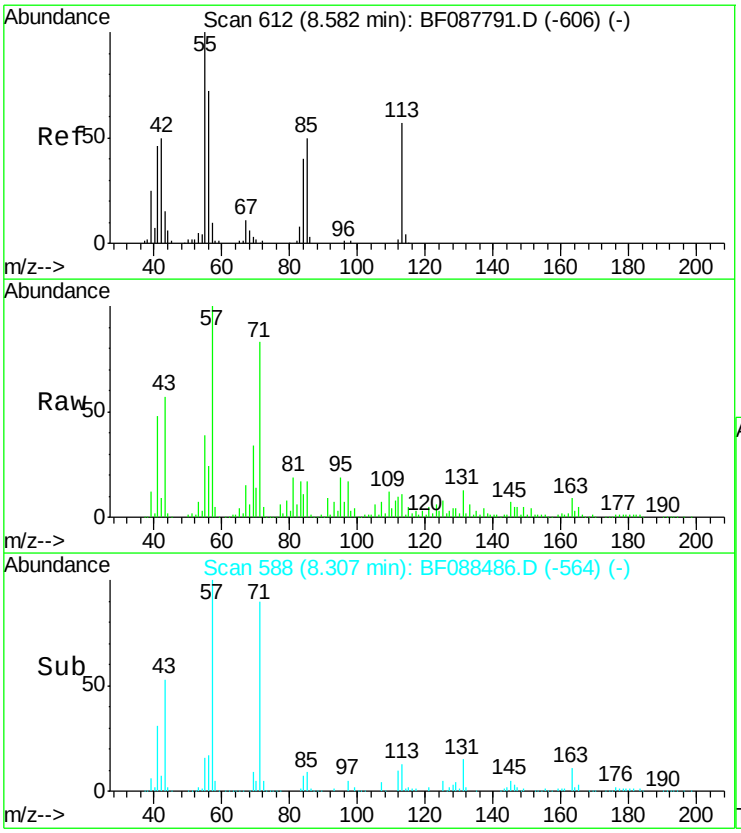

#33
4-Chloroaniline
Concen: 3.85 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:127 Resp: 20864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 81.1 | 26.3 | 39.5# |
| 65 | 129.0 | 24.7 | 37.1# |
| 92 | 45.6 | 15.4 | 23.0# |

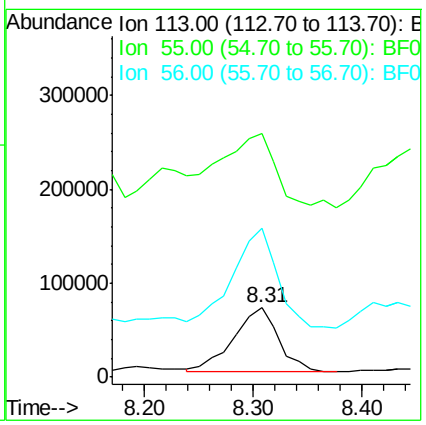


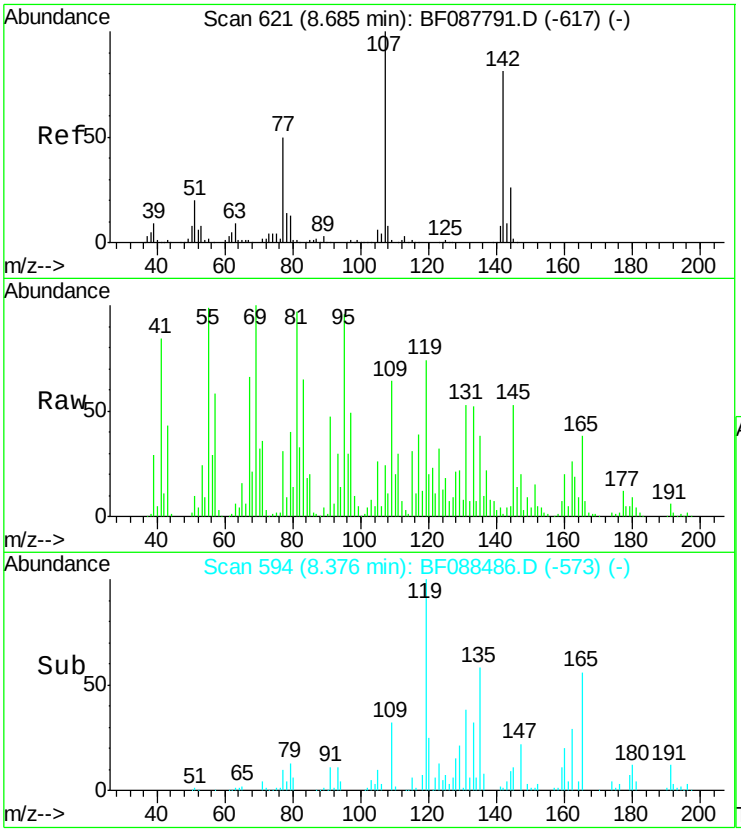




#35
Caprolactam
Concen: 178.93 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:113 Resp: 198614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 350.7 | 158.6 | 198.6# |
| 56 | 214.0 | 110.6 | 150.6# |



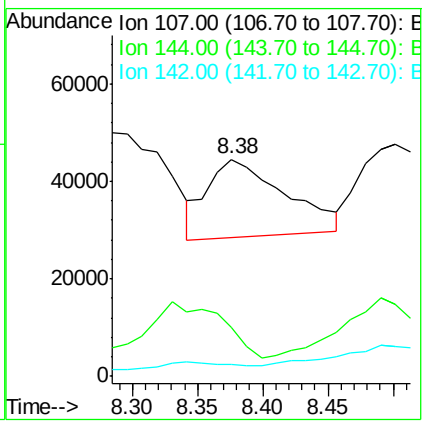


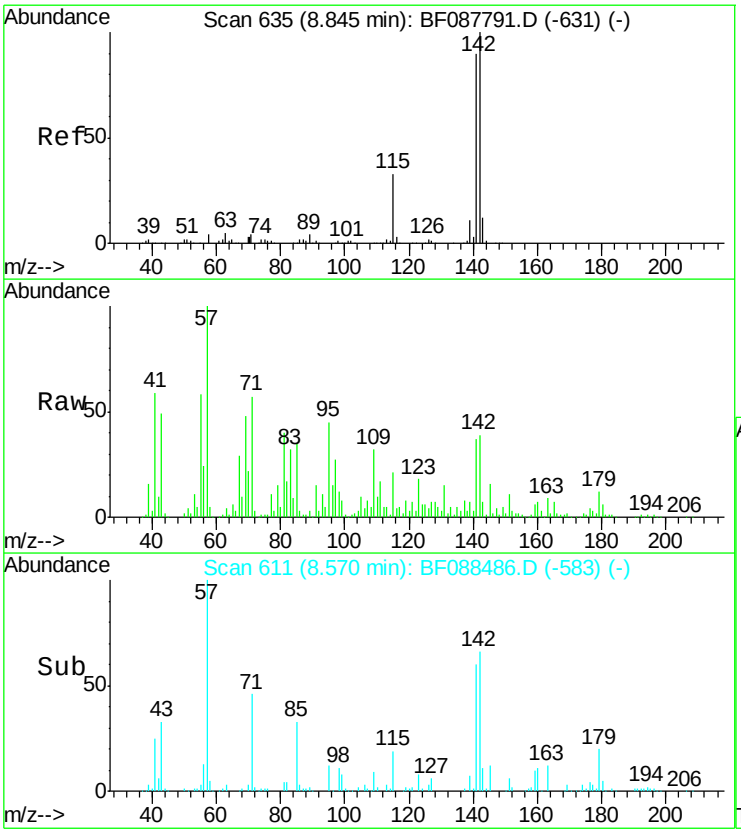

#36
4-Chloro-3-methylphenol
Concen: 18.24 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.06 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:107 Resp: 65377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.5 | 20.8 | 31.2 |
| 142 | 5.7 | 63.4 | 95.2# |

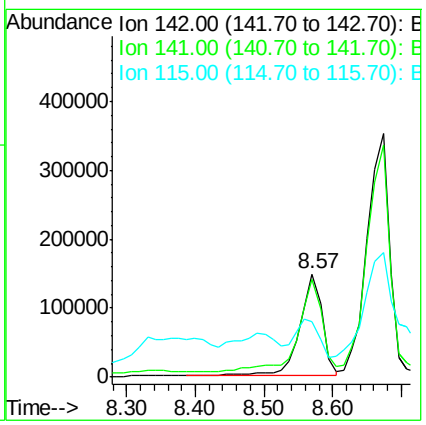


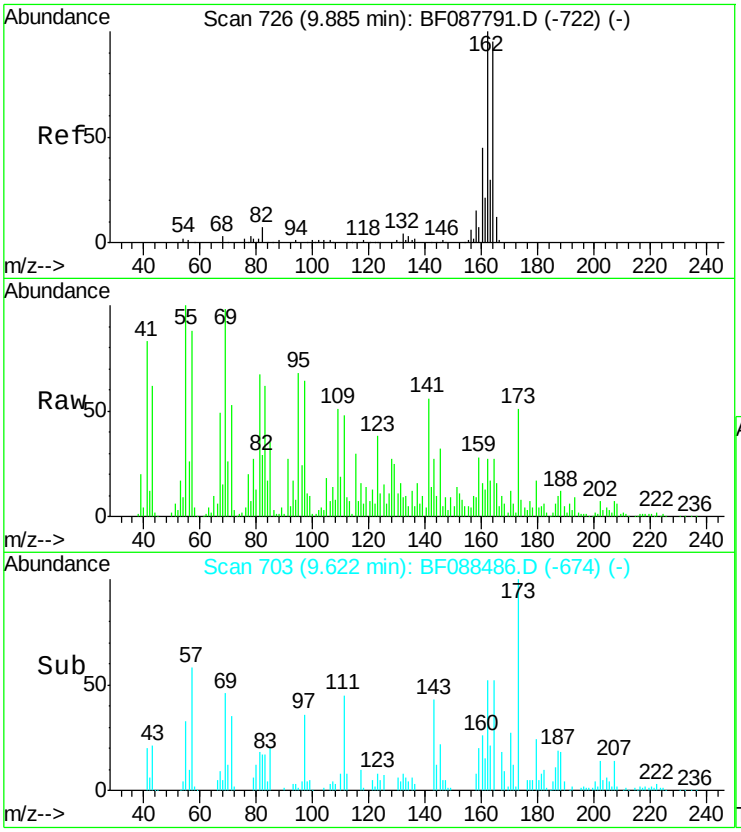




#37
2-Methylnaphthalene
Concen: 41.47 ng
RT: 8.57 min Scan# 611
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:142 Resp: 331795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.1 | 71.0 | 106.6 |
| 115 | 54.3 | 22.6 | 33.8# |



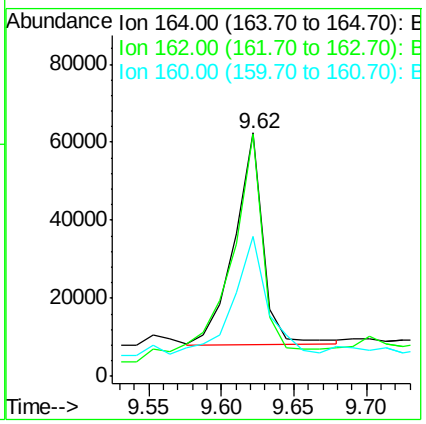


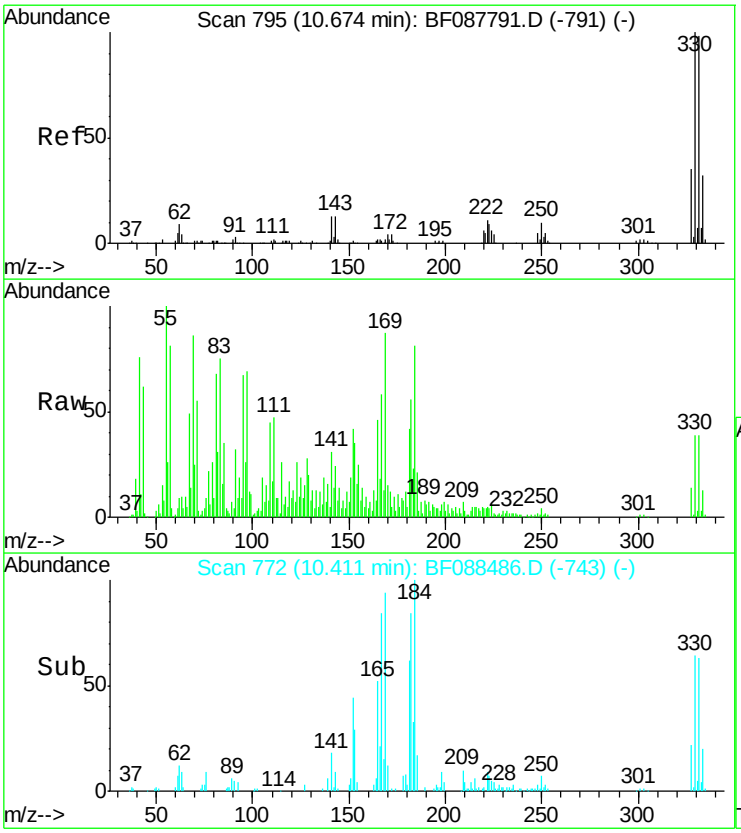

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:164 Resp: 75175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.4 | 85.4 | 128.2 |
| 160 | 57.5 | 39.5 | 59.3 |

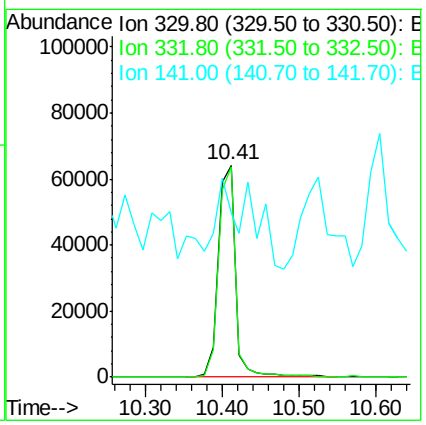


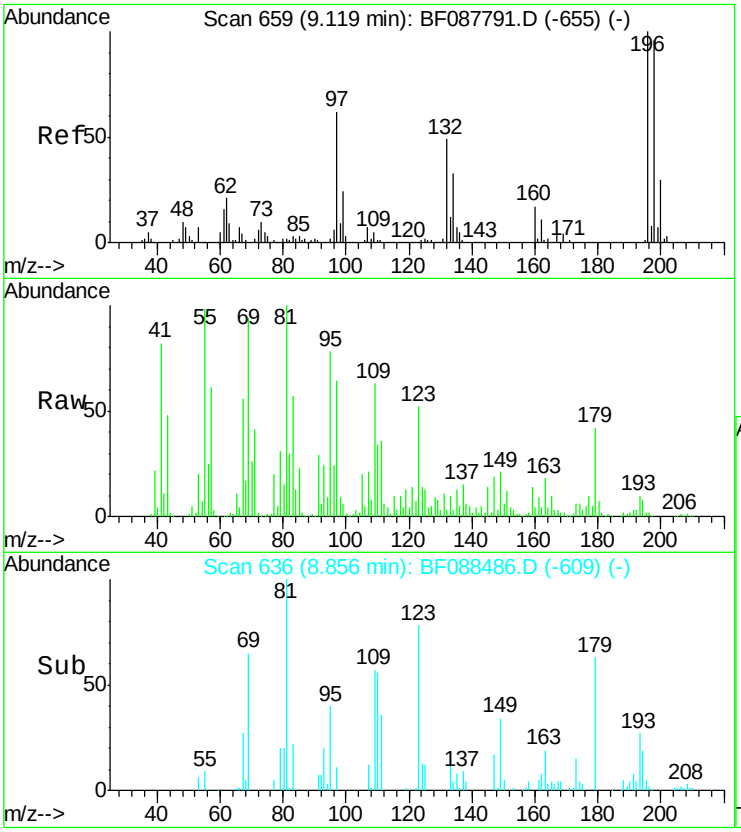




#41
2,4,6-Tribromophenol
Concen: 127.72 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:330 Resp: 101377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 0.0 | 0.0# |
| 141 | 29.6 | 0.0 | 0.0# |



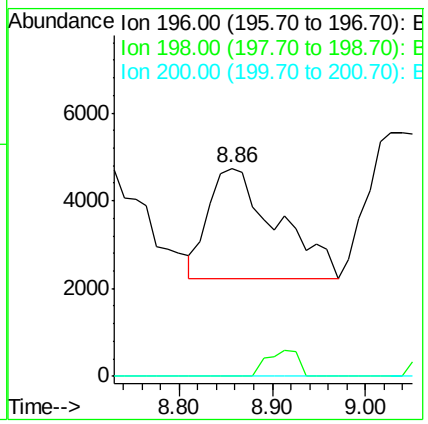


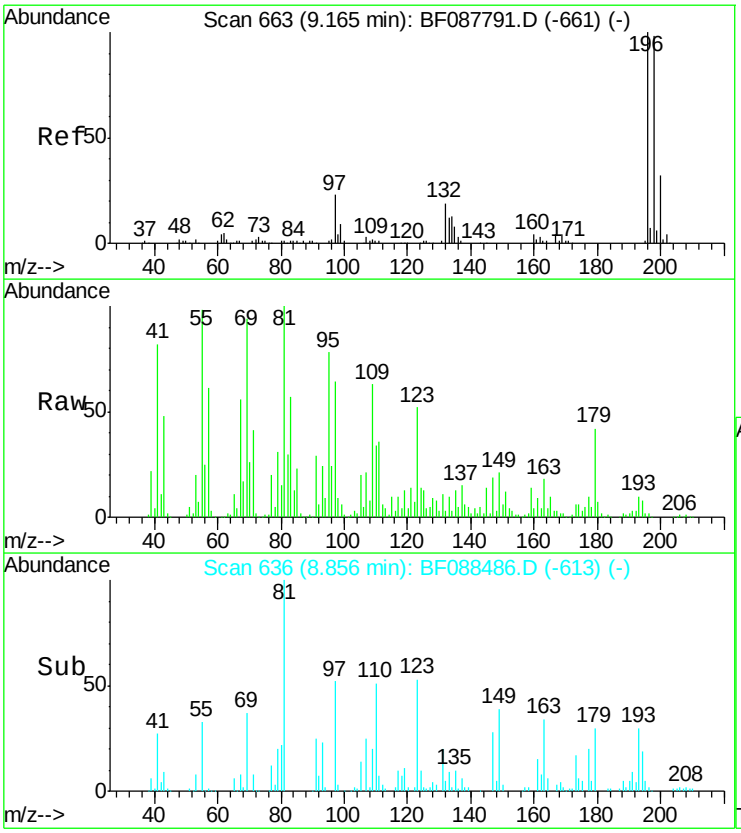

#42
2,4,6-Trichlorophenol
Concen: 8.44 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:196 Resp: 12684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 78.0 | 117.0# |
| 200 | 0.0 | 25.4 | 38.2# |

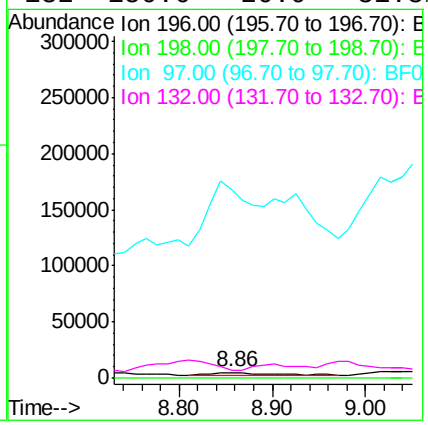


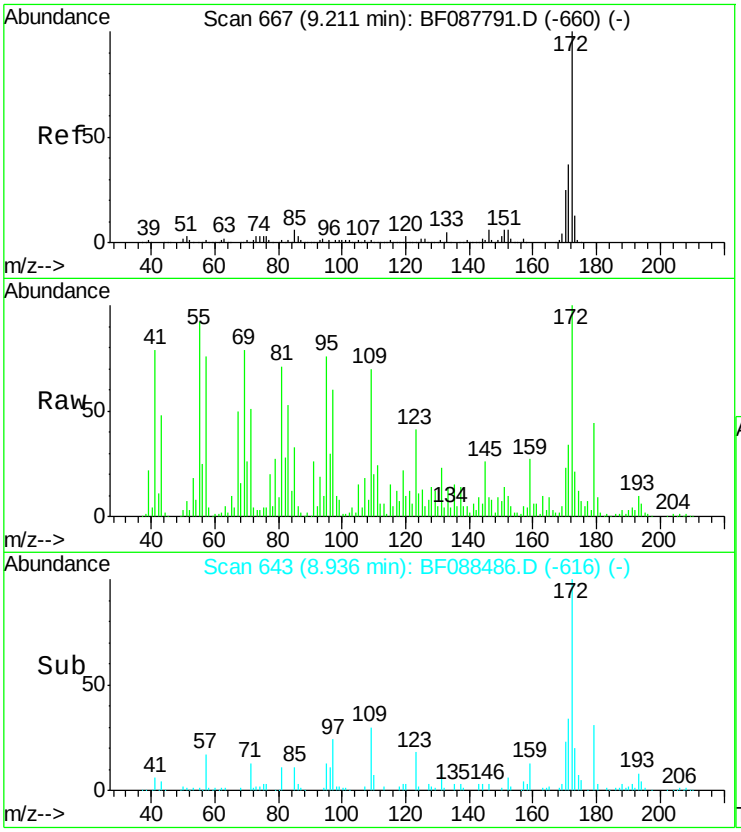




#43
2,4,5-Trichlorophenol
Concen: 8.11 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:196 Resp: 12684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 77.5 | 116.3# |
| 97 | 3542.2 | 32.0 | 48.0# |
| 132 | 150.6 | 20.9 | 31.3# |



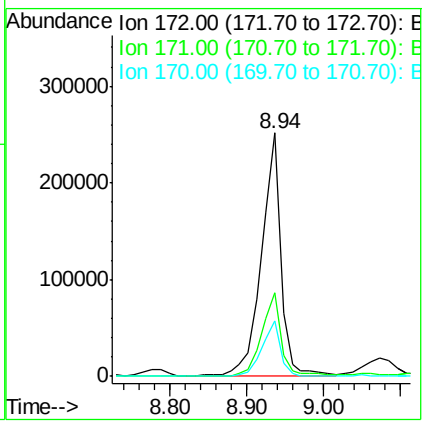


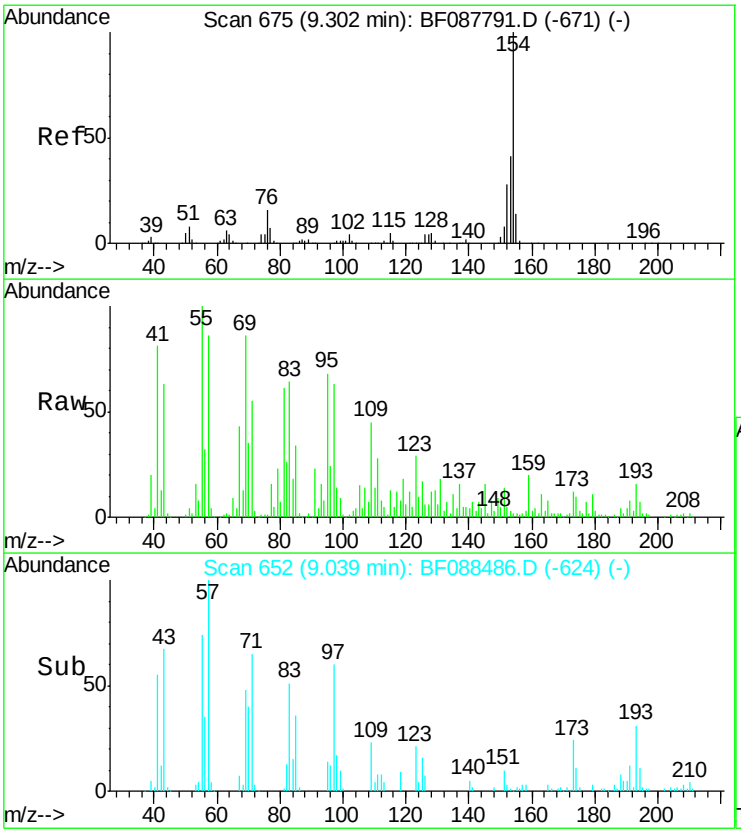

#44
2-Fluorobiphenyl
Concen: 91.94 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:172 Resp: 437811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.6 | 43.0 |
| 170 | 23.0 | 19.2 | 28.8 |

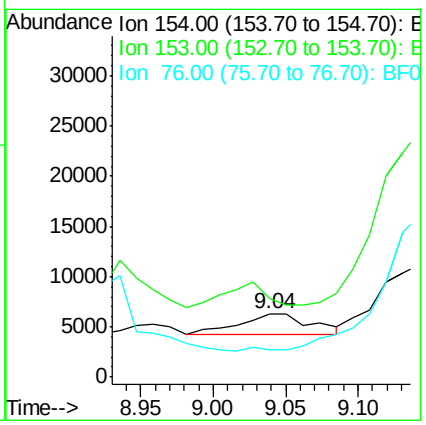


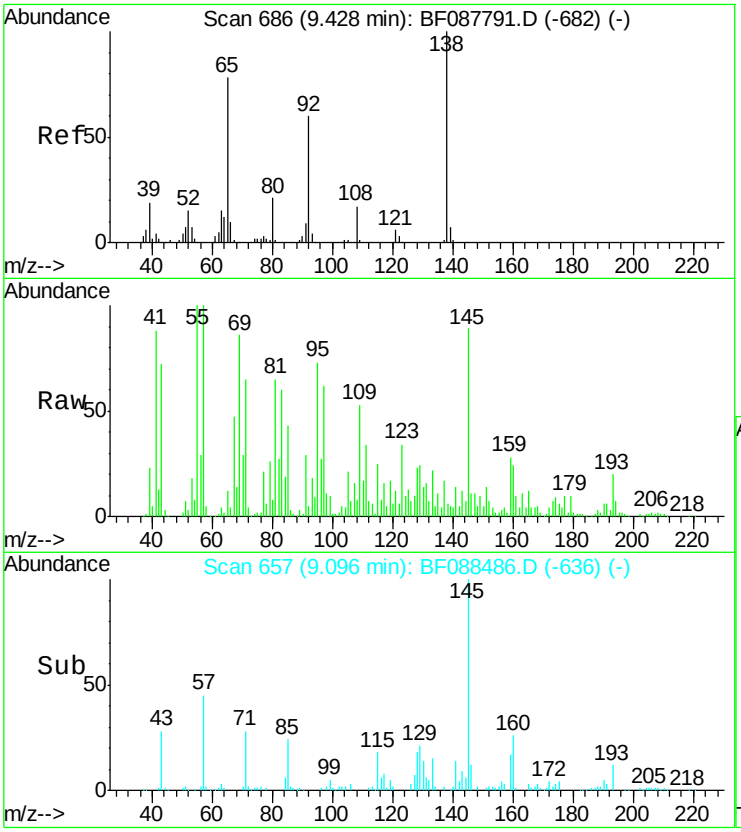




#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.04 min Scan# 652
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:154 Resp: 7212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 125.0 | 20.6 | 60.6# |
| 76 | 44.1 | 0.0 | 35.1# |



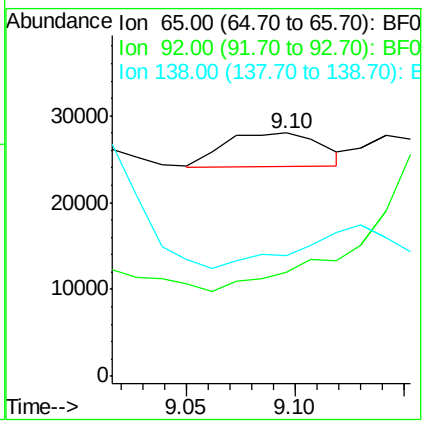


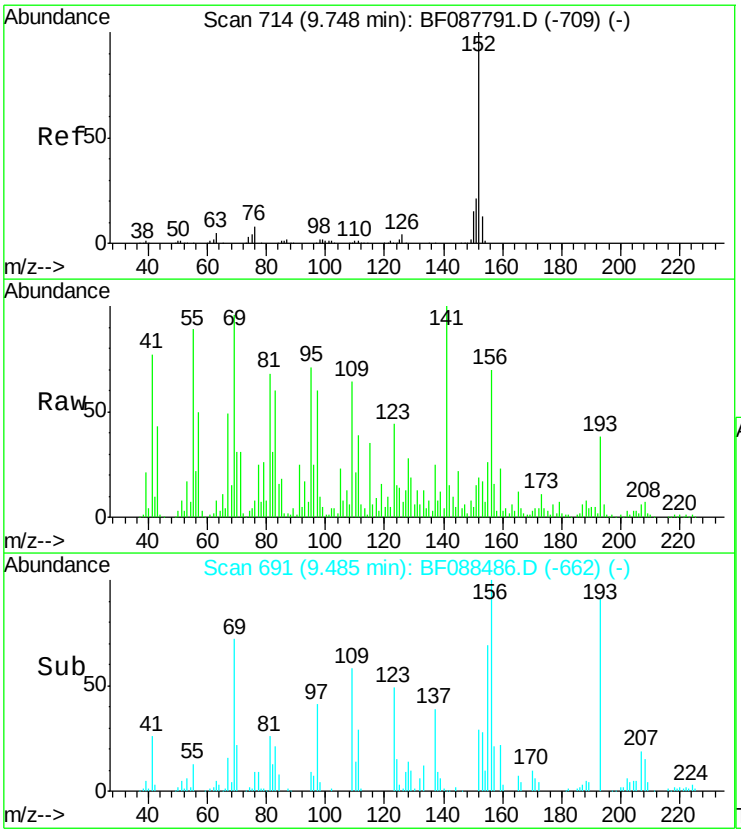

#47
2-Nitroaniline
Concen: 8.35 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion: 65 Resp: 11988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 42.5 | 54.6 | 82.0# |
| 138 | 49.7 | 77.0 | 115.4# |

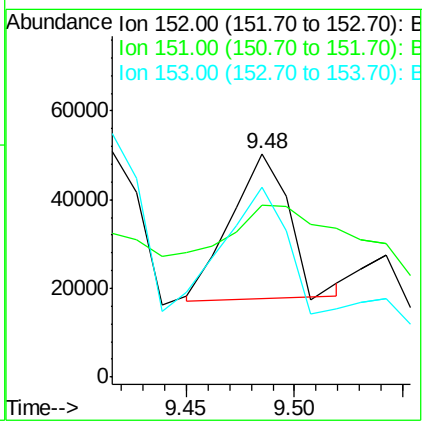


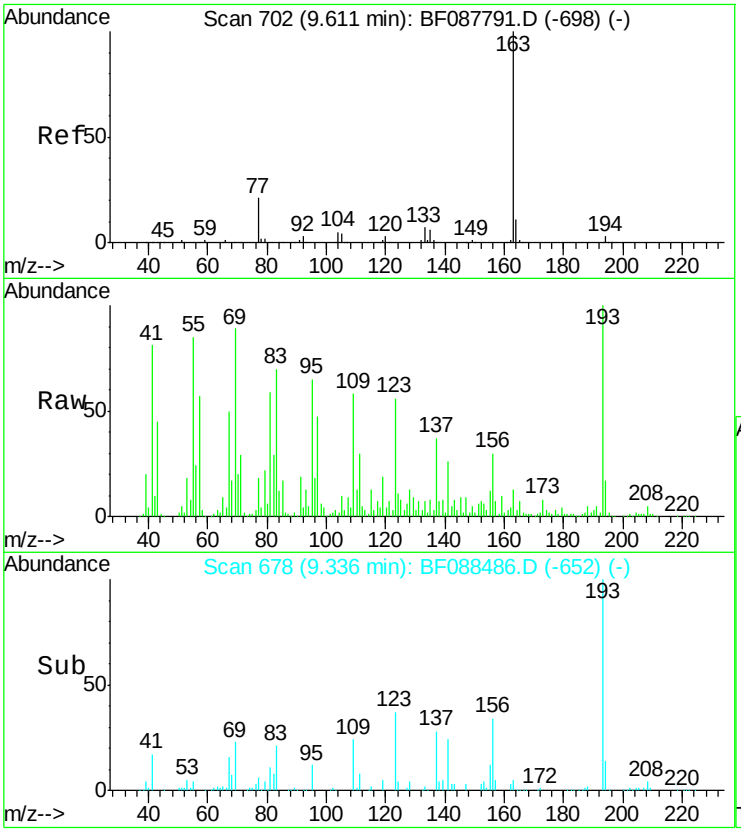




#48
Acenaphthylene
Concen: 7.89 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:152 Resp: 61028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 77.1 | 16.2 | 24.4# |
| 153 | 85.2 | 11.0 | 16.6# |



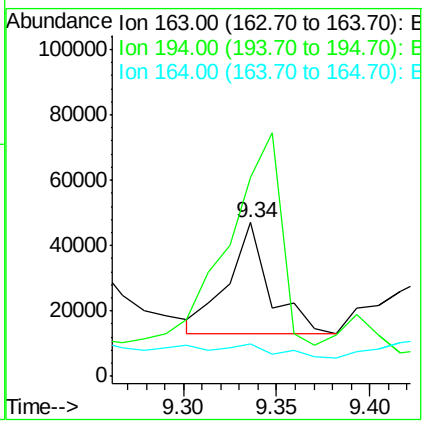


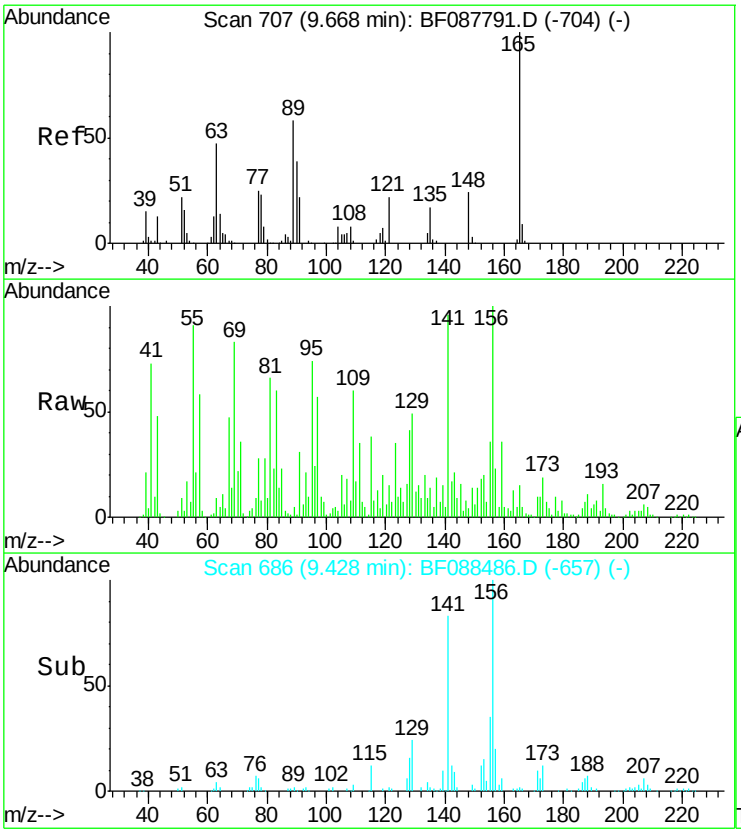

#49
Dimethylphthalate
Concen: 9.89 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:163 Resp: 53853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 129.3 | 2.8 | 4.2# |
| 164 | 20.7 | 8.3 | 12.5# |

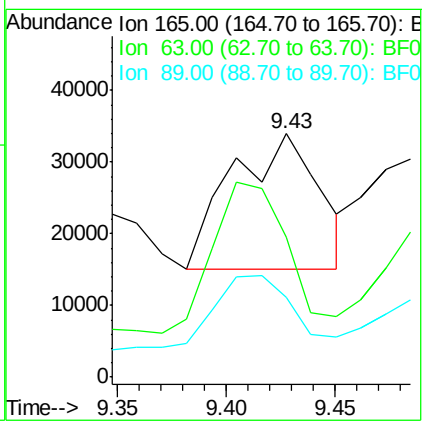


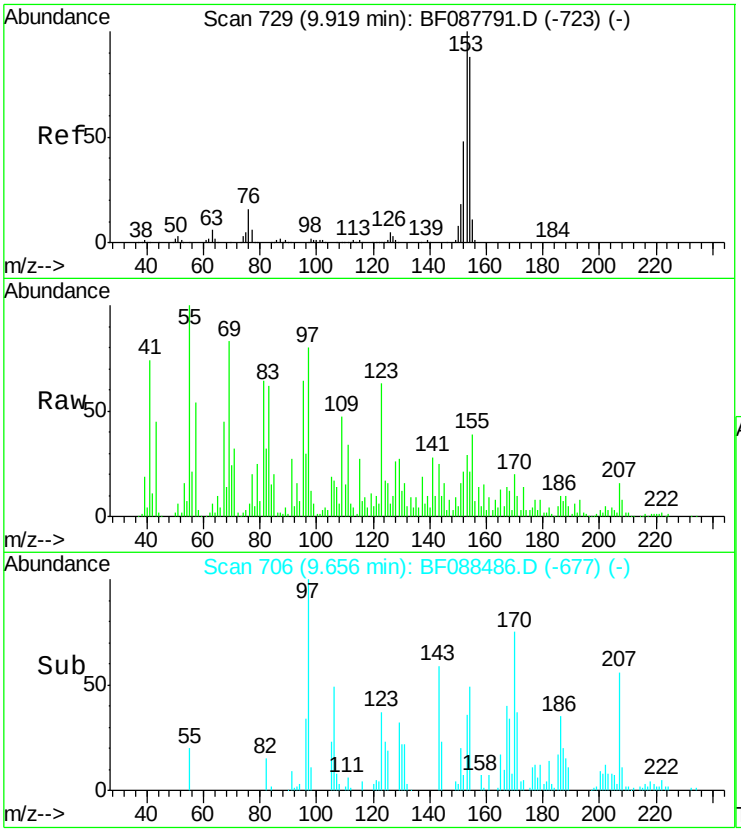




#50
2,6-Dinitrotoluene
Concen: 42.71 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:165 Resp: 53269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.5 | 28.1 | 42.1# |
| 89 | 33.0 | 32.2 | 48.2 |



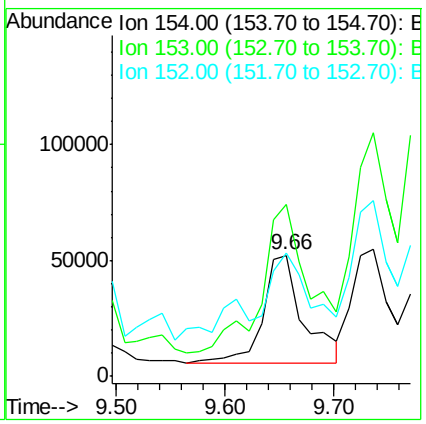


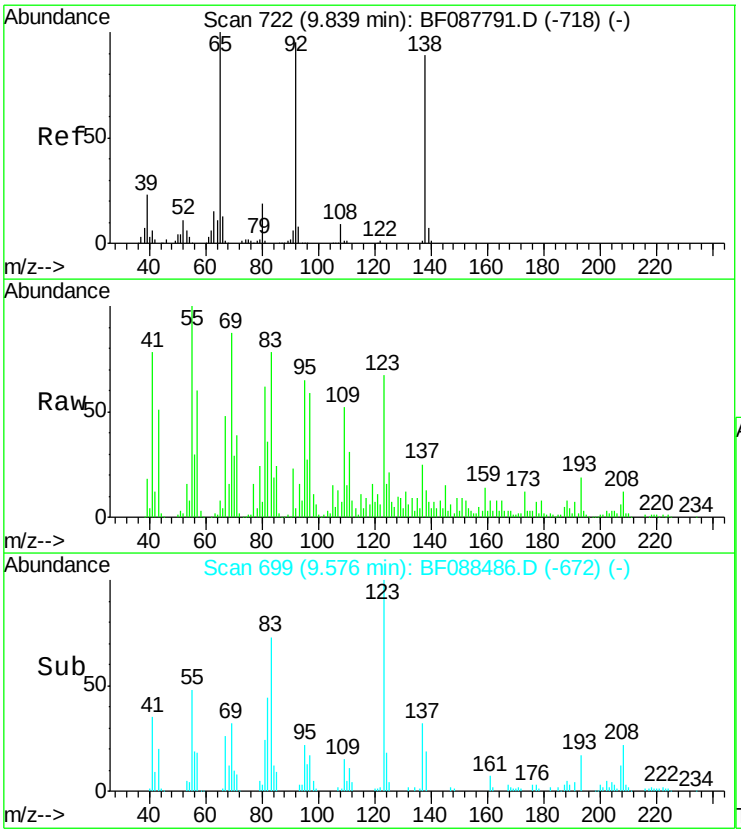

#51
Acenaphthene
Concen: 25.11 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:154 Resp: 121224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 142.6 | 89.5 | 134.3# |
| 152 | 101.7 | 42.7 | 64.1# |

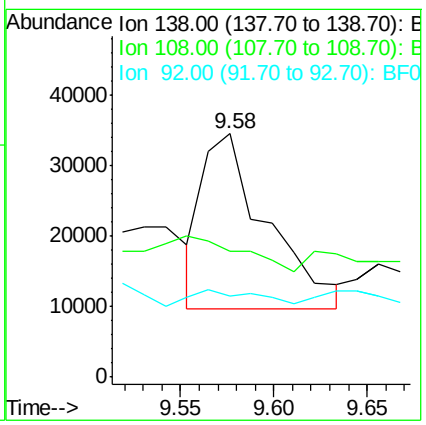


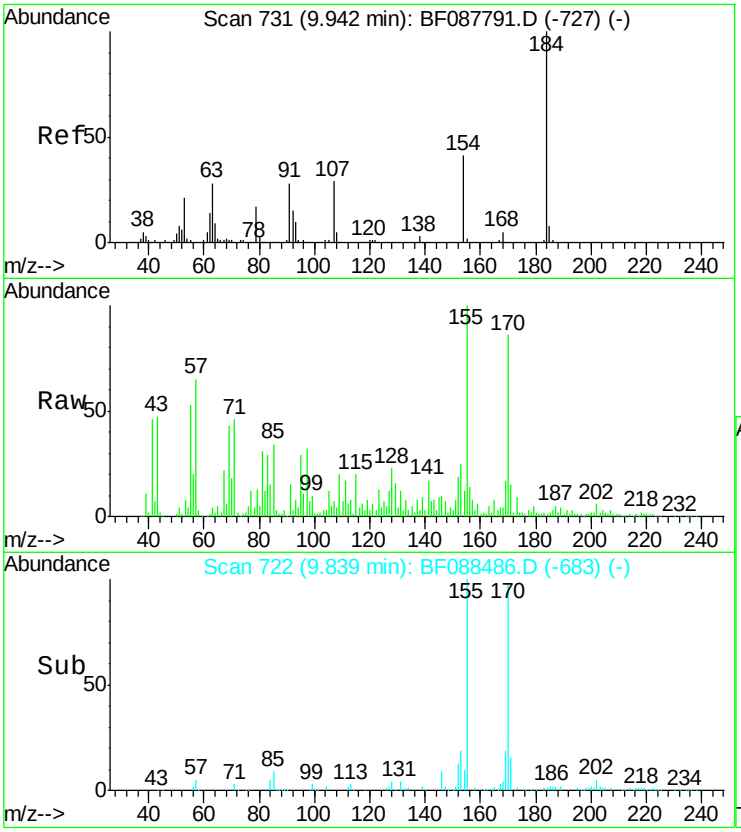




#52
3-Nitroaniline
Concen: 41.63 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:138 Resp: 59902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 51.9 | 8.5 | 12.7# |
| 92 | 33.1 | 95.7 | 143.5# |



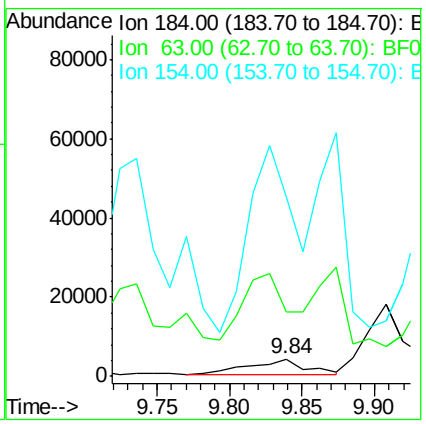


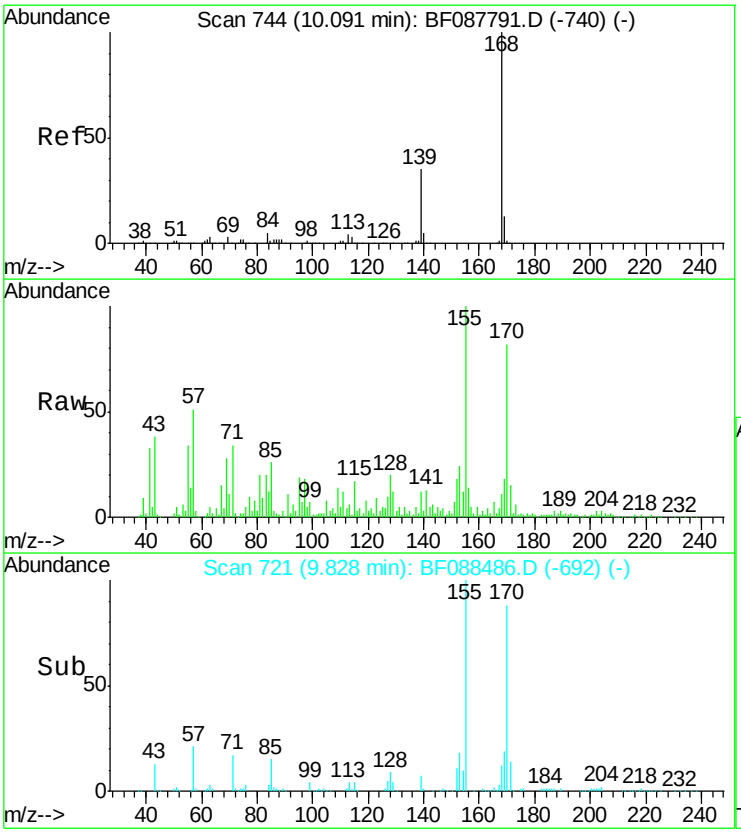

#53
2,4-Dinitrophenol
Concen: 20.42 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.15 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:184 Resp: 10291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 375.0 | 57.6 | 86.4# |
| 154 | 1044.1 | 53.5 | 80.3# |

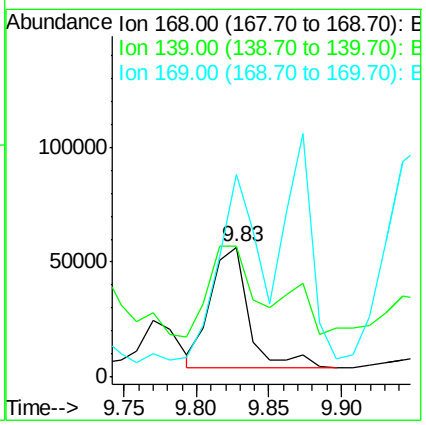


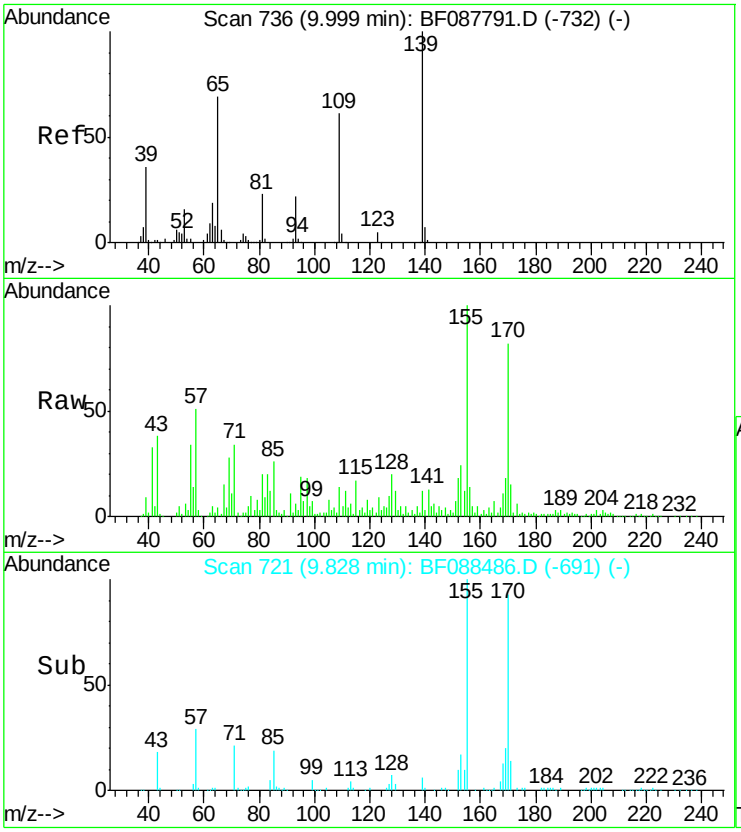




#54
Dibenzofuran
Concen: 14.47 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:168 Resp: 96208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 101.0 | 26.4 | 39.6# |
| 169 | 155.7 | 10.4 | 15.6# |



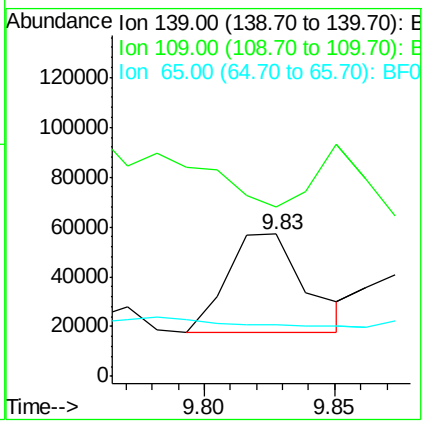


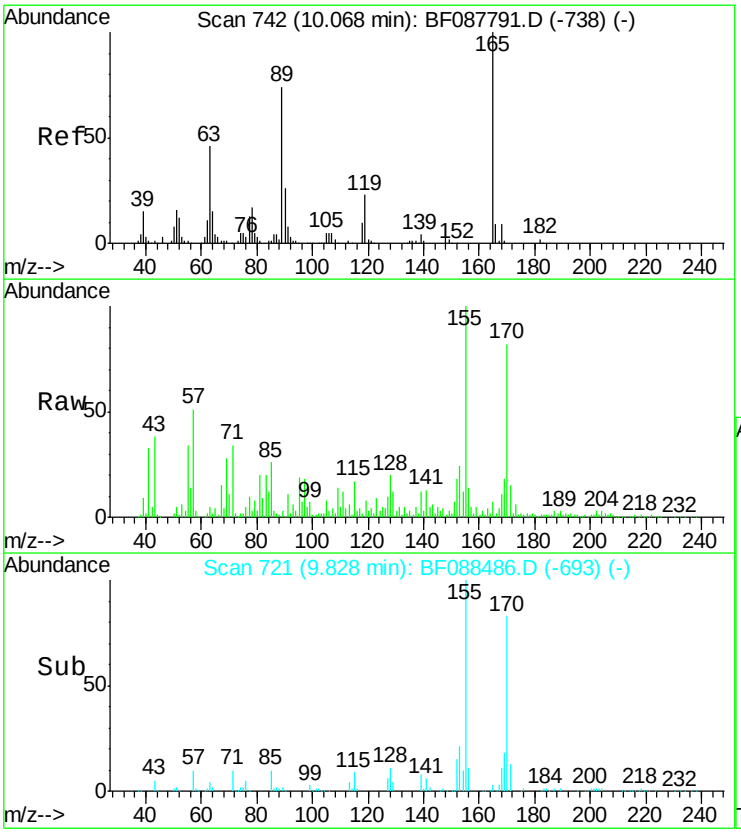

#55
4-Nitrophenol
Concen:  74.52 ng
RT: 9.83 min  Scan# 721
Delta R.T.  0.05 min
Lab File:  BF088486.D
Acq: 28 Jun 2016  18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:139 Resp:  83234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 118.8 | 48.9 | 88.9# |
| 65 | 36.0 | 84.9 | 124.9# |

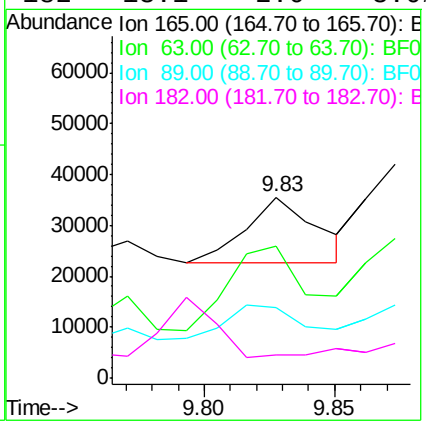


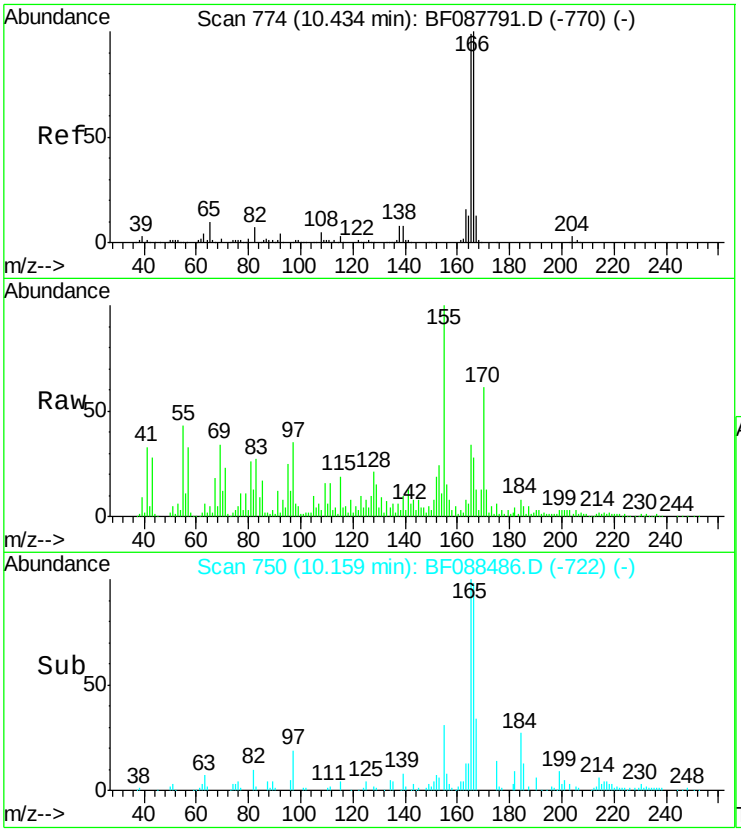




#56
2,4-Dinitrotoluene
Concen:  15.17 ng
RT: 9.83 min  Scan# 721
Delta R.T.  0.02 min
Lab File:  BF088486.D
Acq: 28 Jun 2016  18:40

Tgt Ion:165 Resp:  24310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 72.6 | 22.0 | 33.0# |
| 89 | 39.0 | 41.1 | 61.7# |
| 182 | 13.1 | 2.0 | 3.0# |



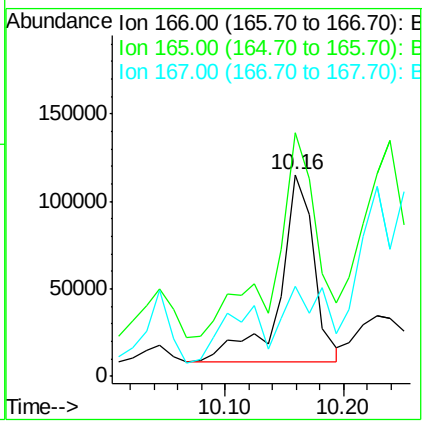


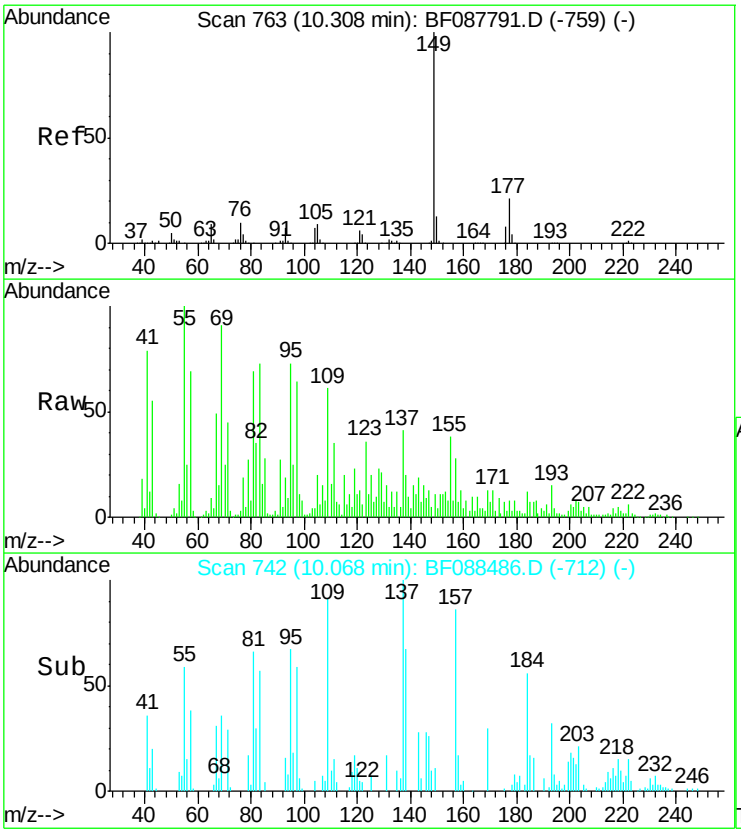

#57
Fluorene
Concen: 48.31 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:166 Resp: 215411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 120.9 | 77.8 | 116.8# |
| 167 | 44.5 | 11.2 | 16.8# |

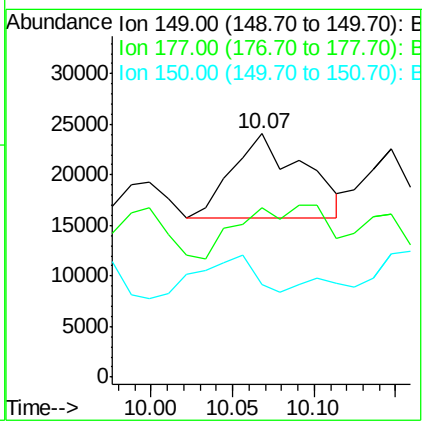


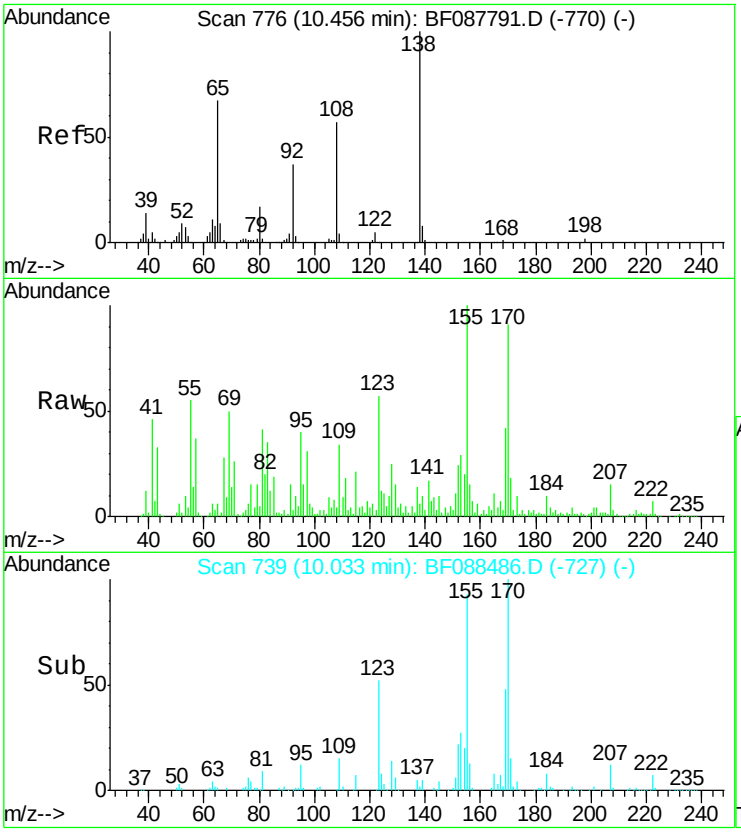




#59
Diethylphthalate
Concen: 4.51 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.05 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:149 Resp: 24857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 69.7 | 16.9 | 25.3# |
| 150 | 38.0 | 10.1 | 15.1# |



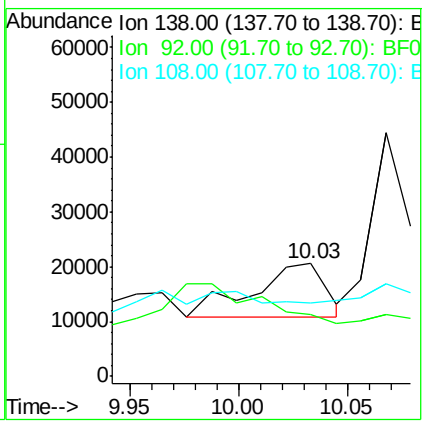


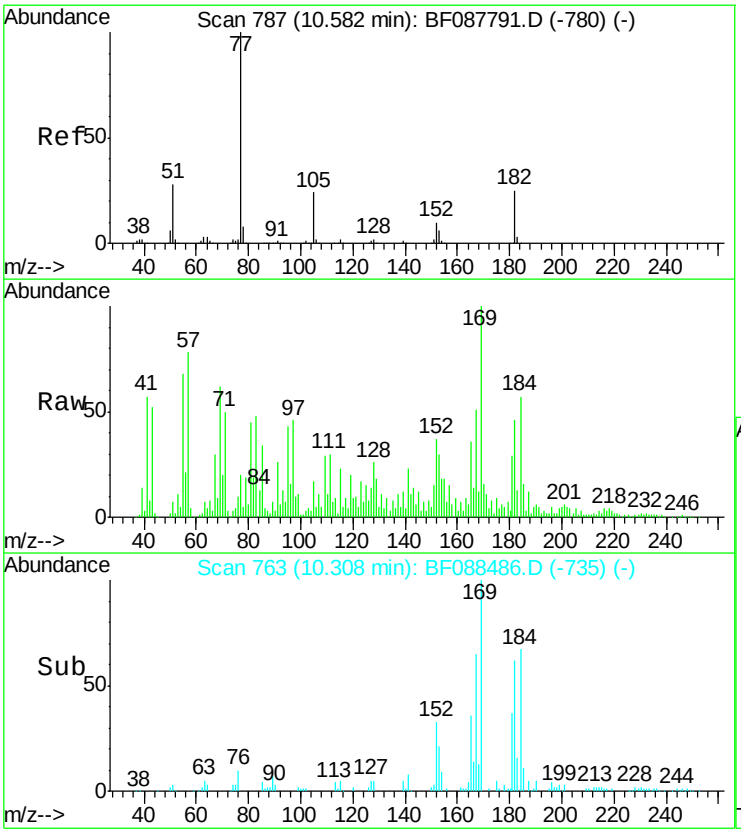

#61
4-Nitroaniline
Concen: 16.76 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.16 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:138 Resp: 22877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.1 | 27.3 | 67.3 |
| 108 | 64.6 | 46.7 | 86.7 |

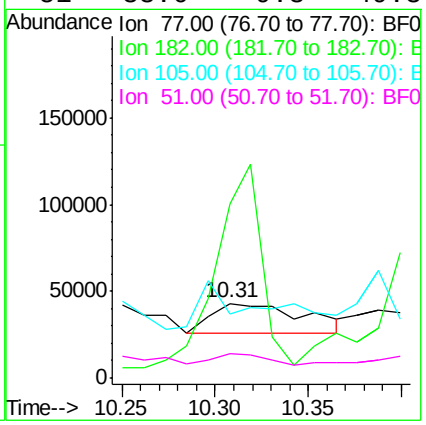


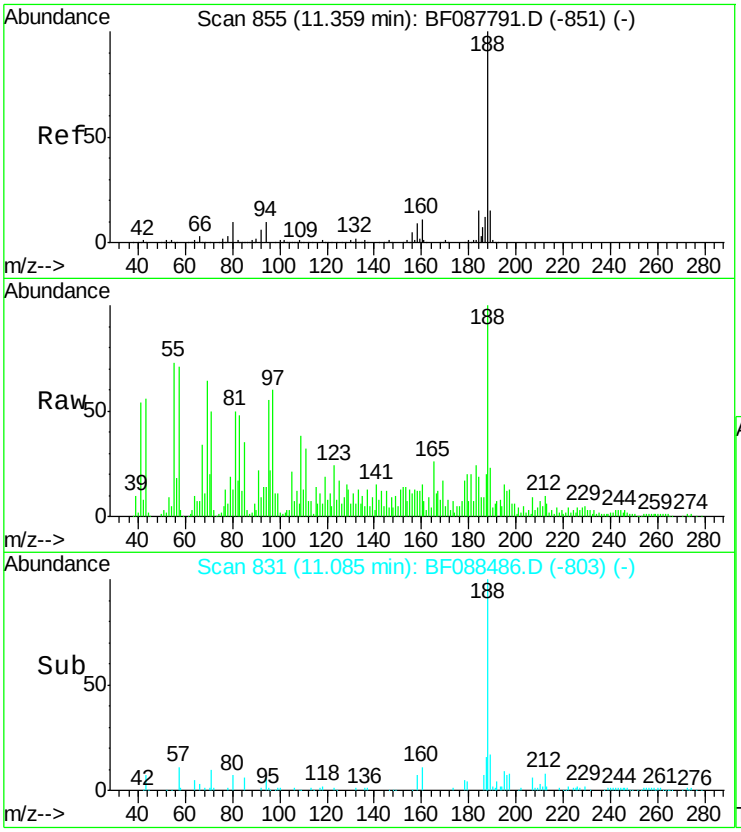




#62
Azobenzene
Concen: 10.93 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion: 77 Resp: 59580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 233.8 | 4.4 | 44.4# |
| 105 | 85.8 | 3.8 | 43.8# |
| 51 | 33.6 | 9.3 | 49.3 |



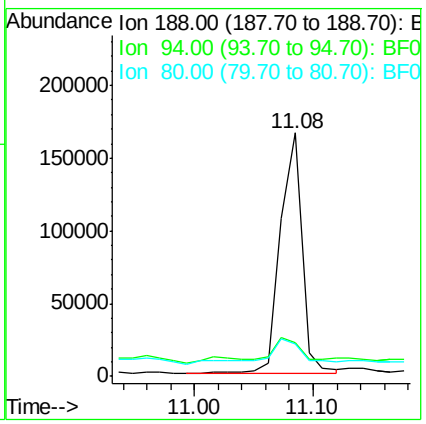


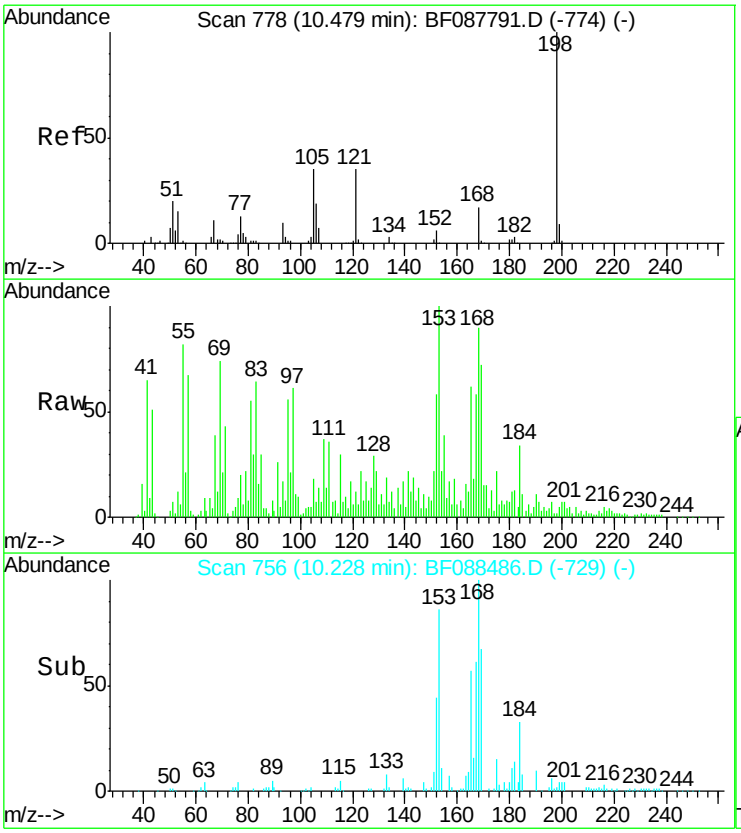

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:188 Resp: 207813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.8 | 9.0 | 13.6# |
| 80 | 13.1 | 10.0 | 15.0 |

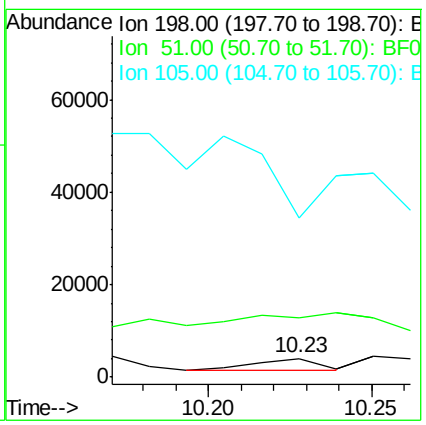


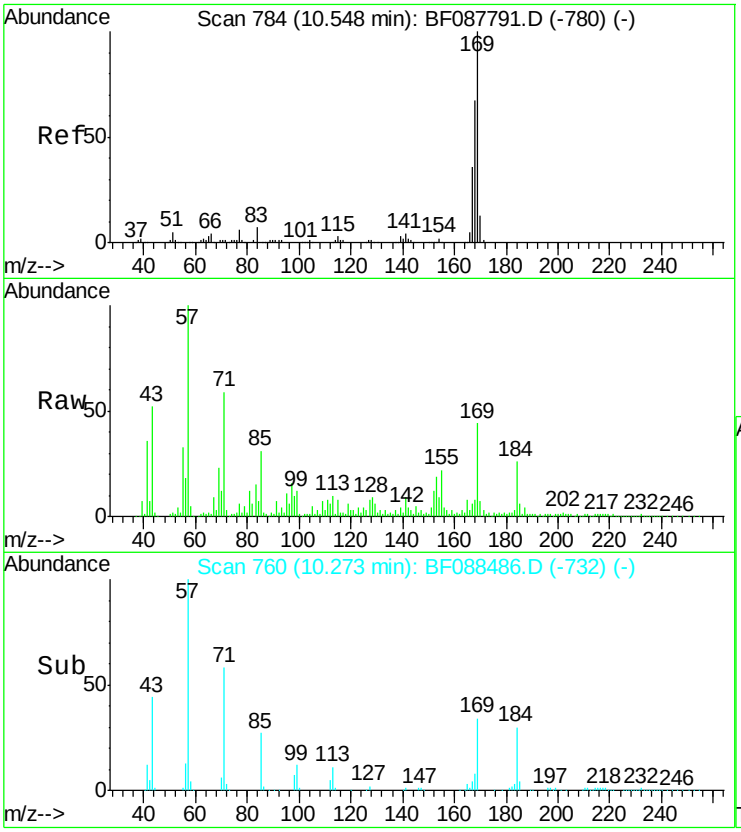




#64
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:198 Resp: 3289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 323.6 | 39.6 | 79.6# |
| 105 | 868.8 | 36.6 | 76.6# |



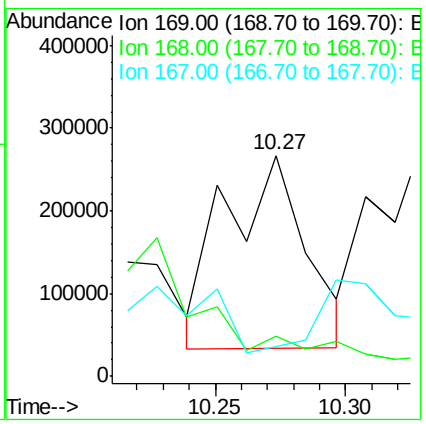


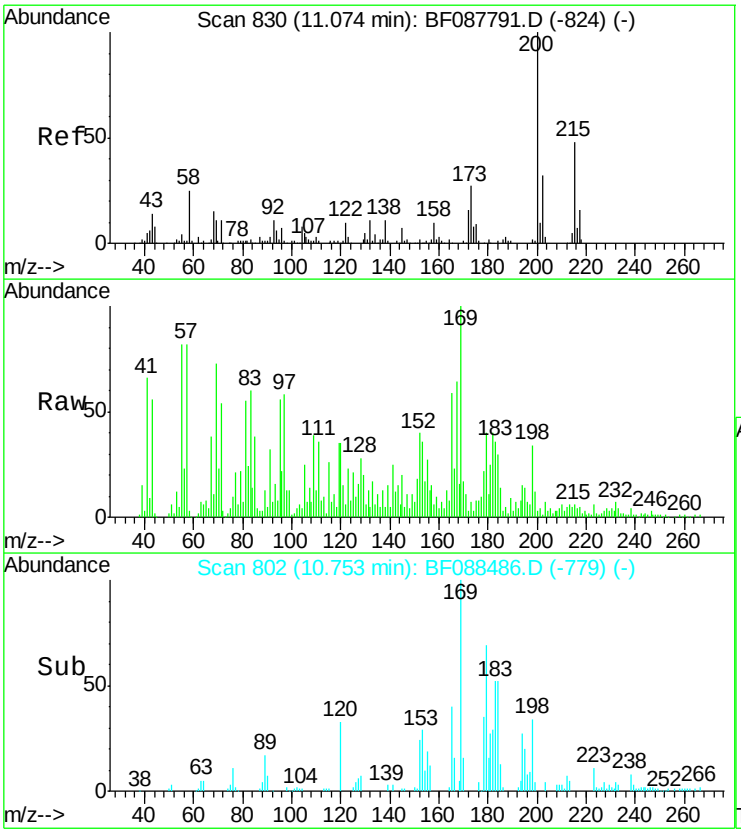

#65
n-Nitrosodiphenylamine
Concen: 73.19 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:169 Resp: 504713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 18.1 | 53.4 | 80.0# |
| 167 | 13.7 | 29.4 | 44.0# |

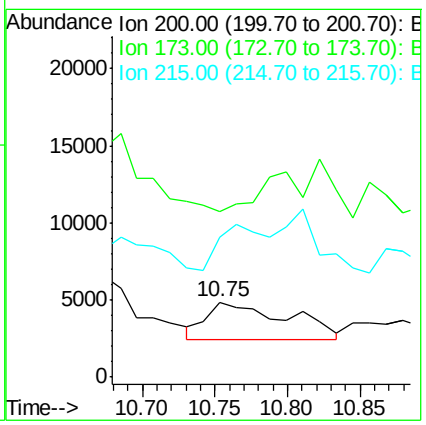


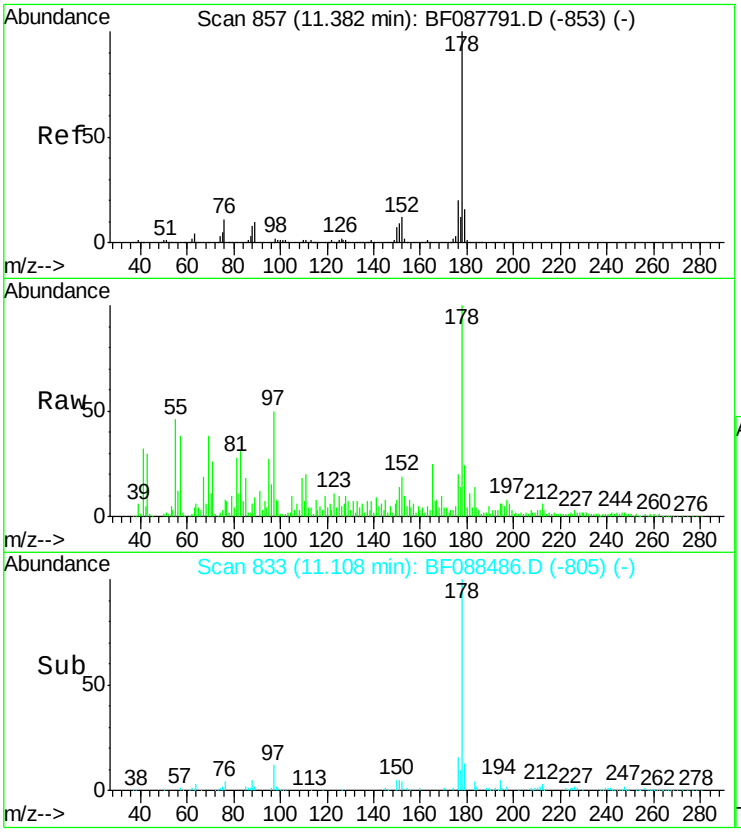




#68
Atrazine
Concen: 4.43 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:200 Resp: 9248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 221.7 | 4.0 | 44.0# |
| 215 | 186.8 | 29.3 | 69.3# |



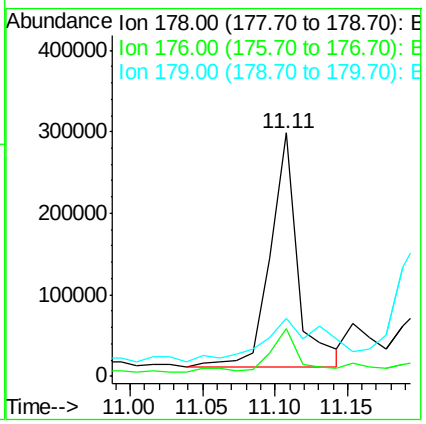


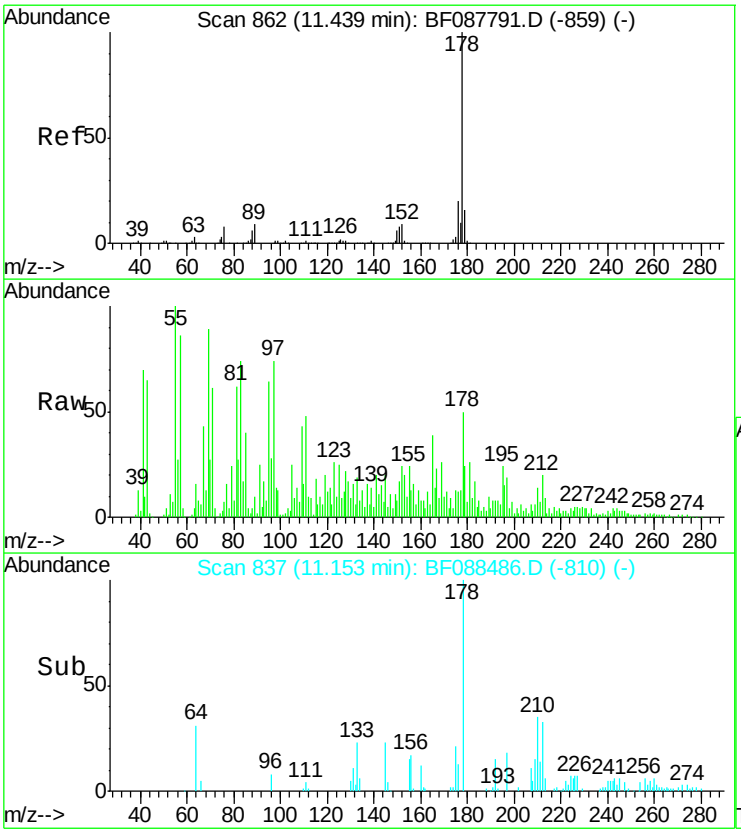

#70
Phenanthrene
Concen: 34.53 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:178 Resp: 376537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.8 | 23.6 |
| 179 | 23.6 | 13.0 | 19.4# |

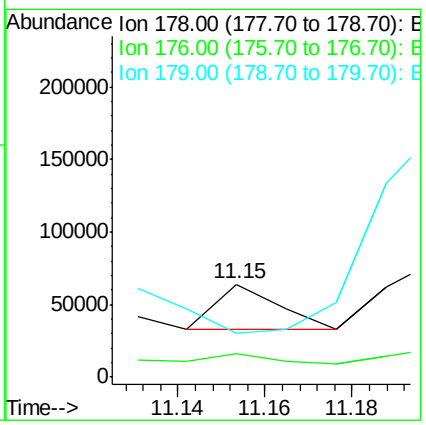


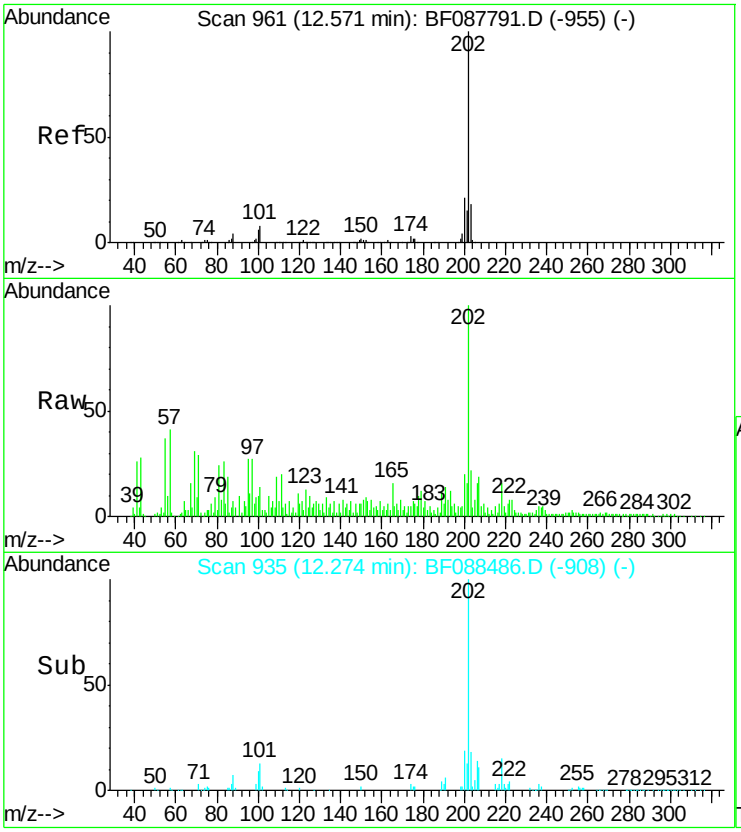




#71
Anthracene
Concen: 2.87 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:178 Resp: 31616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.8 | 15.6 | 23.4# |
| 179 | 47.2 | 12.8 | 19.2# |



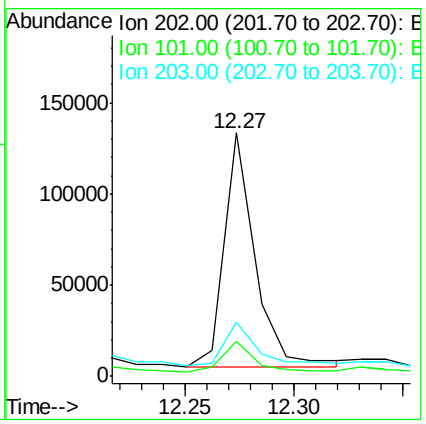


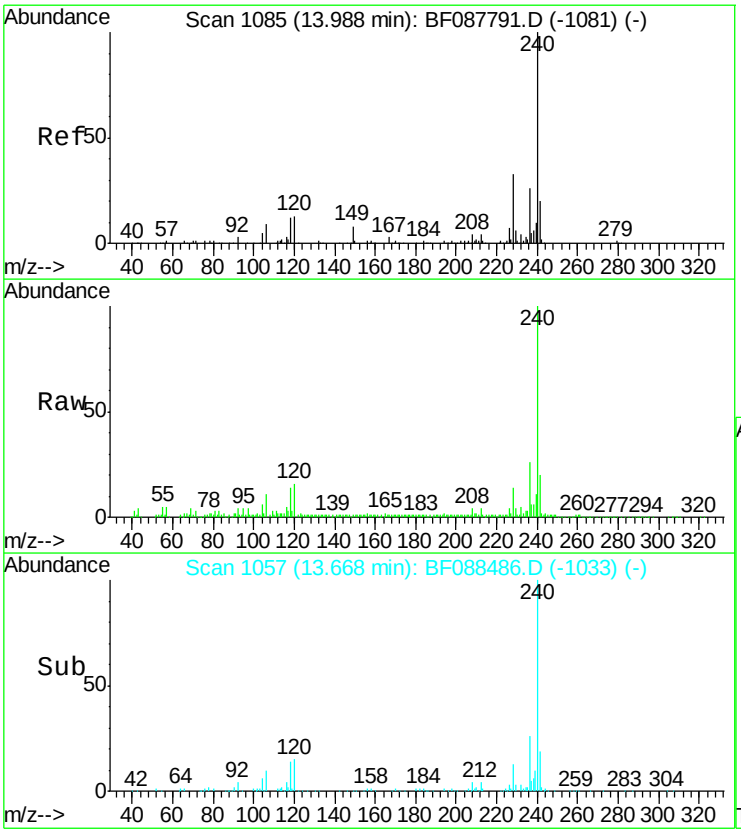

#74
Fluoranthene
Concen: 11.10 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:202 Resp: 127701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.4 | 0.0 | 33.1 |
| 203 | 22.2 | 0.0 | 38.1 |

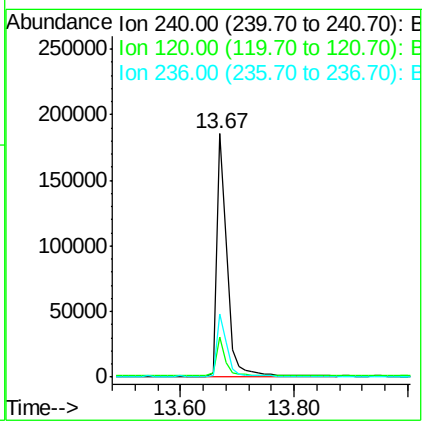


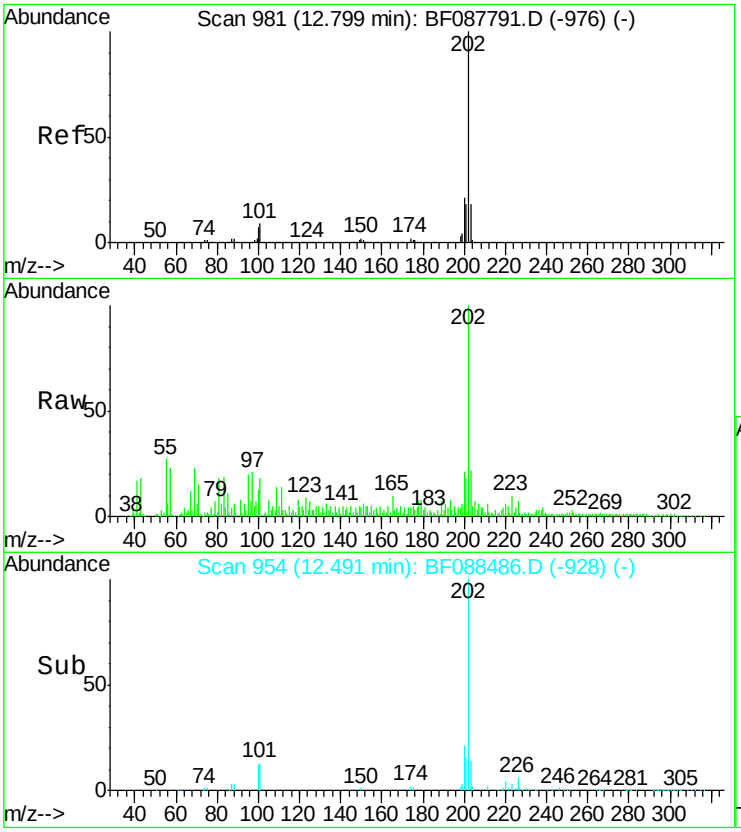




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:240 Resp: 233960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.3 | 6.8 | 10.2# |
| 236 | 25.9 | 20.2 | 30.2 |



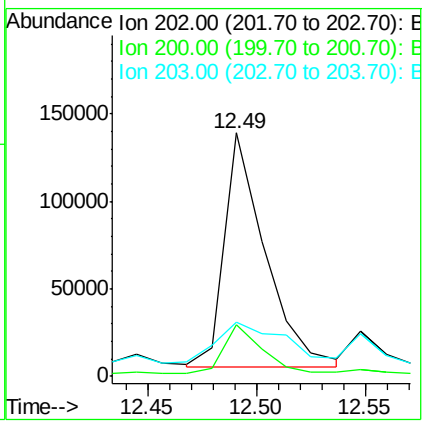


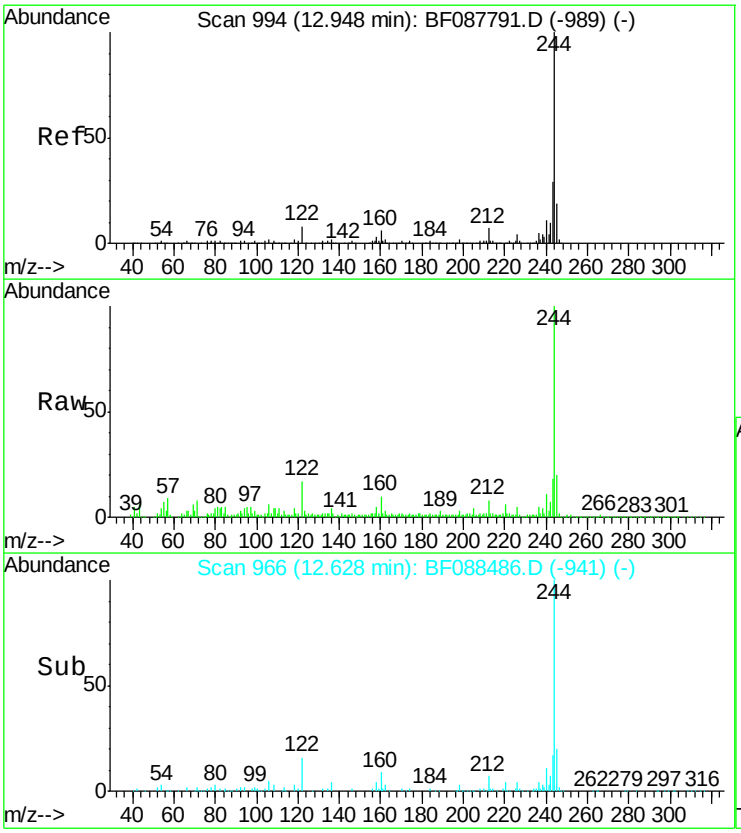

#77
Pyrene
Concen: 10.07 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:202 Resp: 174905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.4 | 26.2 |
| 203 | 22.3 | 14.5 | 21.7# |

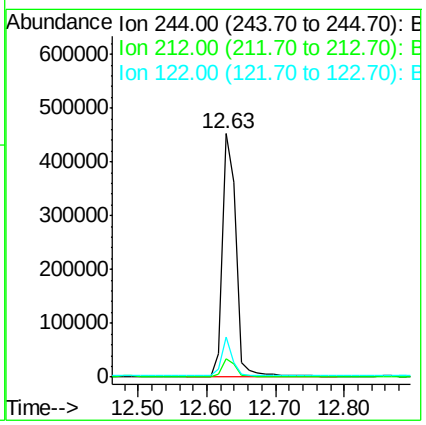


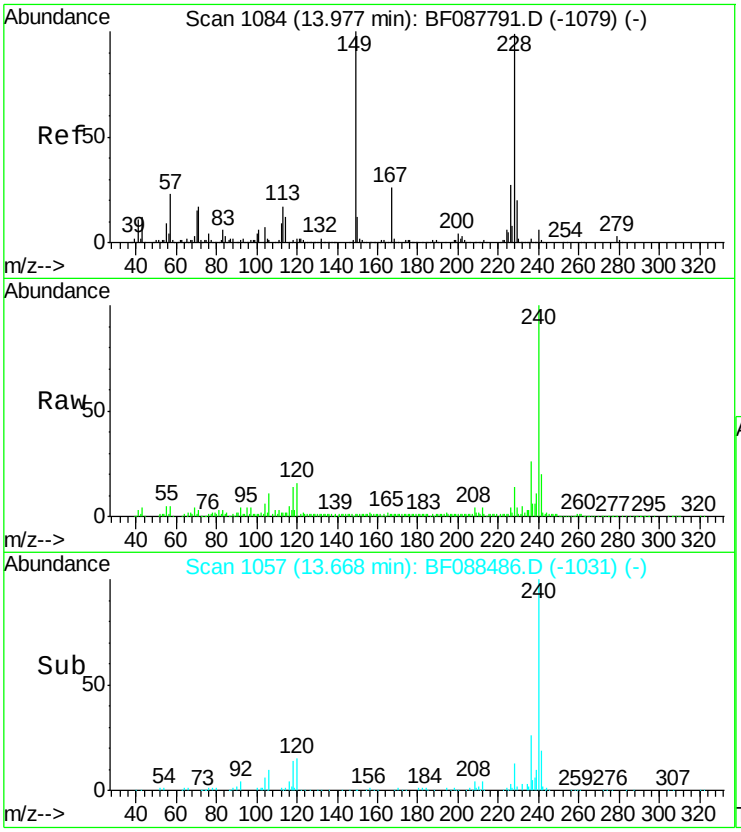




#78
Terphenyl-d14
Concen: 61.82 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:244 Resp: 635560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.0 | 9.0 |
| 122 | 16.5 | 11.2 | 16.8 |



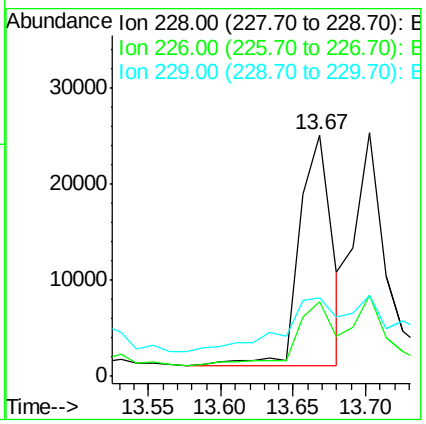


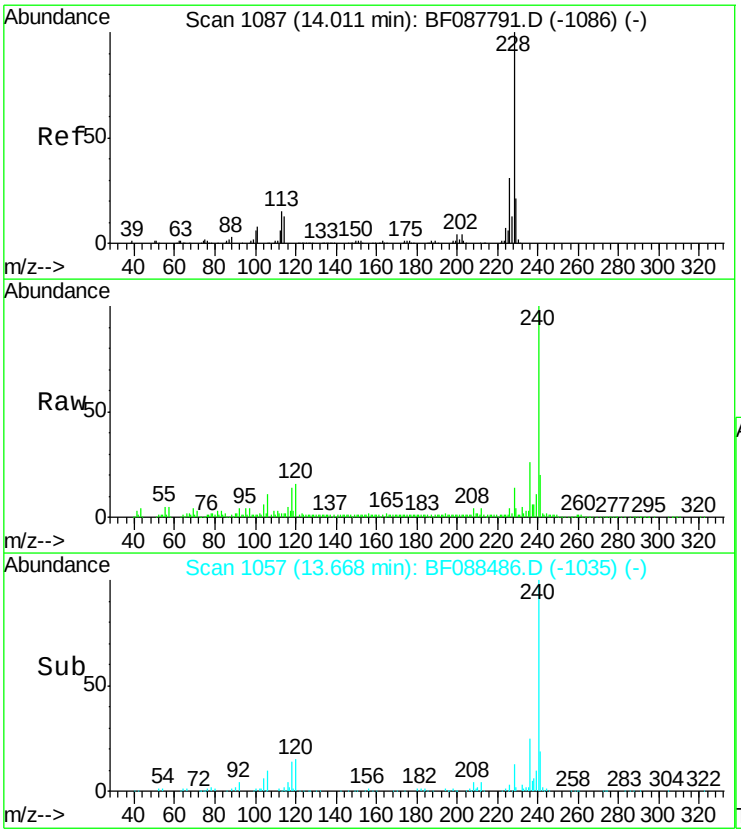

#80
Benzo(a)anthracene
Concen: 2.78 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:228 Resp: 37032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 22.3 | 33.5 |
| 229 | 32.6 | 16.0 | 24.0# |

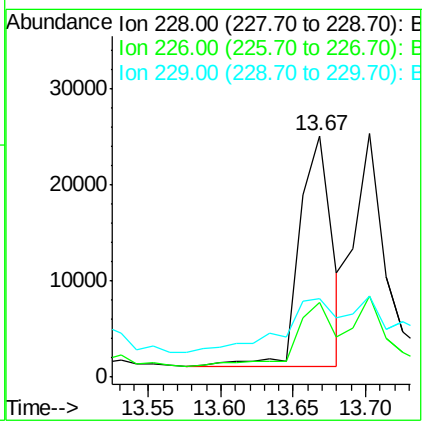


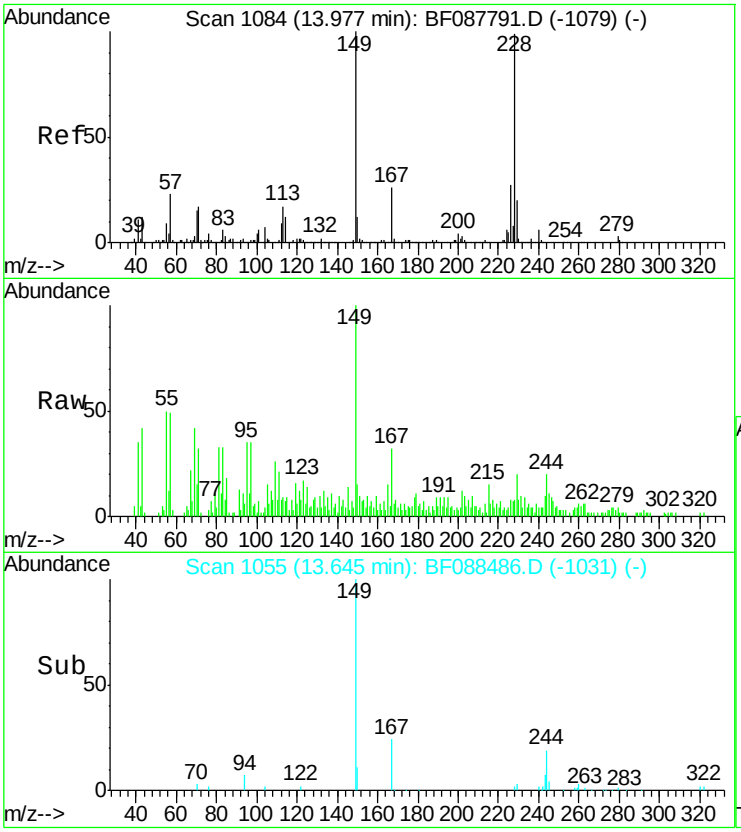




#82
Chrysene
Concen: 2.95 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:228 Resp: 37032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 25.4 | 38.2 |
| 229 | 32.6 | 16.3 | 24.5# |



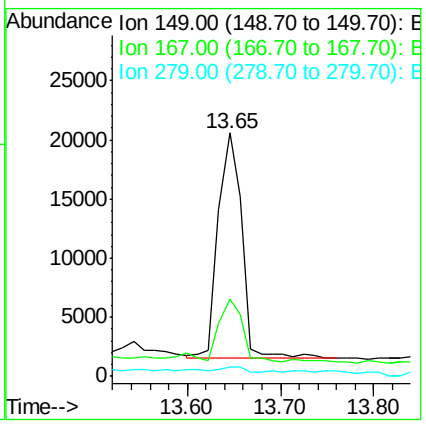


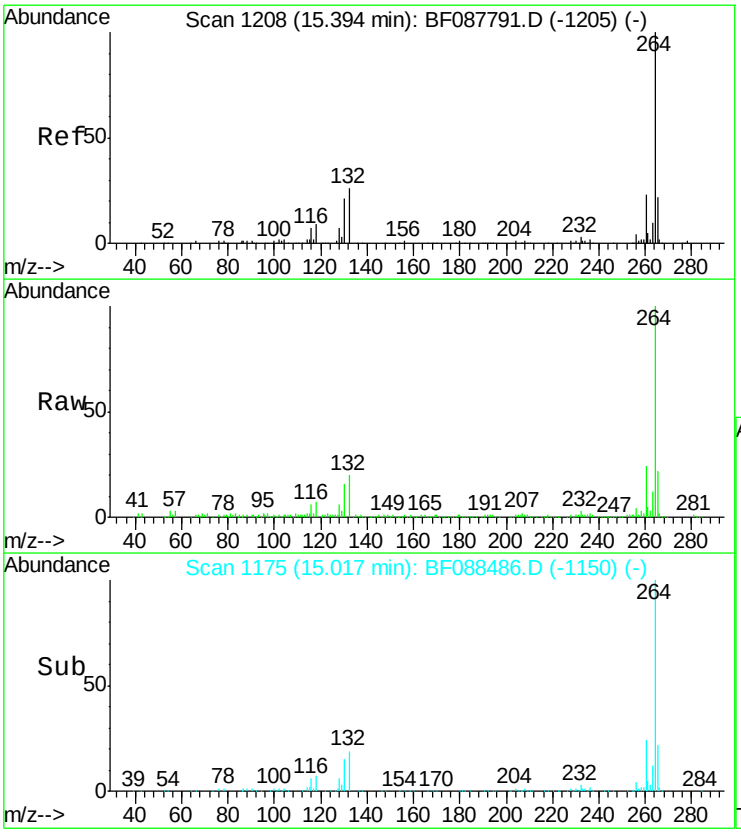

#83
Bis(2-ethylhexyl)phthalate
Concen: 3.62 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:149 Resp: 33817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.6 | 20.5 | 30.7# |
| 279 | 4.1 | 2.0 | 3.0# |

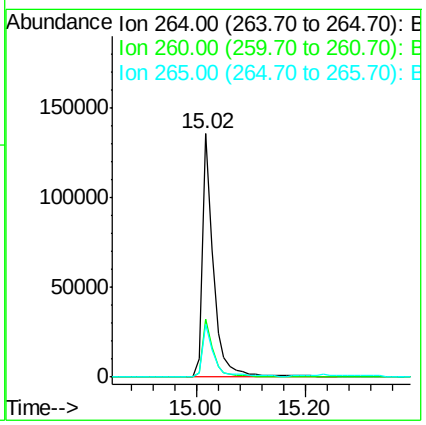


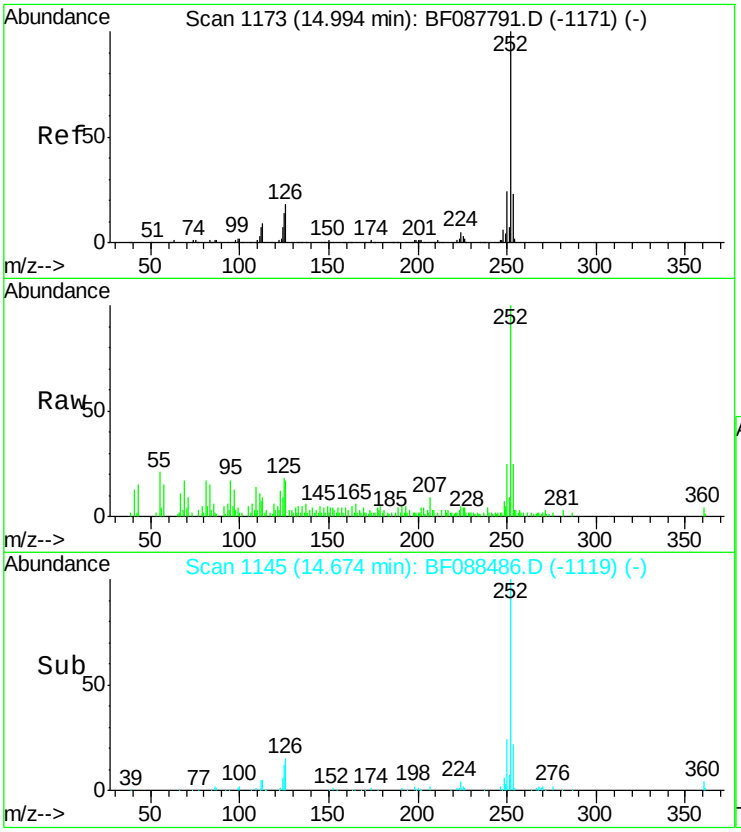




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:264 Resp: 190485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.2 | 28.8 |
| 265 | 21.9 | 16.9 | 25.3 |



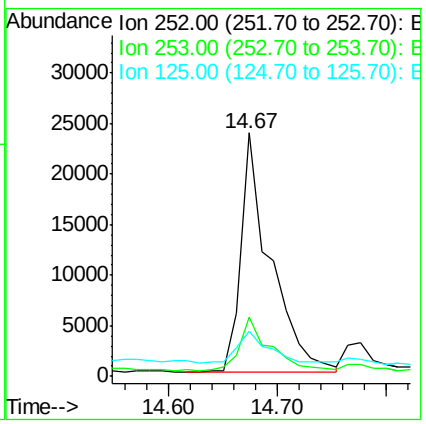


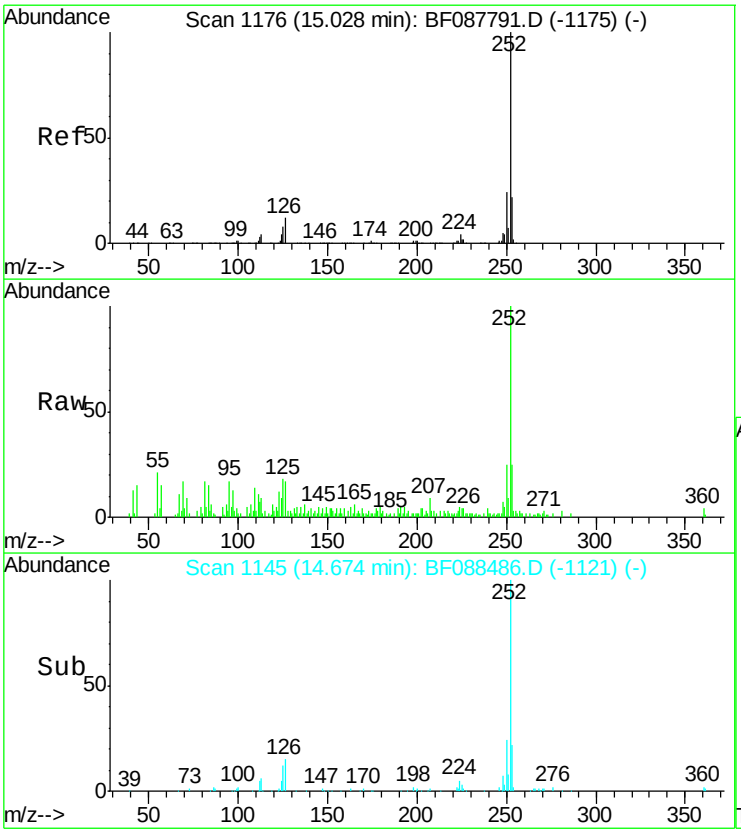

#87
Benzo(b)fluoranthene
Concen: 3.35 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOCATION-5B(5-7)RE

Tgt Ion:252 Resp: 44437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 17.4 | 26.2 |
| 125 | 18.5 | 7.1 | 10.7# |




#88
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF088486.D
Acq: 28 Jun 2016 18:40

Tgt Ion:252 Resp: 44437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.0 | 27.0 |
| 125 | 18.5 | 11.2 | 16.8# |