Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085237.D
Acq On : 5 Mar 2016 7:16
Operator : SJ/IZ
Sample : H1683-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
UMANGI
3/7/2016 3:30:53 PM

Quant Time: Mar 07 12:24:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 163878 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.26 | 136 | 606704 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 261331 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 397362 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.14 | 240 | 271787 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.60 | 264 | 276594 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 1416253 | 144.96 | ng | | 0.01 |
| 7) Phenol-d6 | 6.61 | 99 | 1700540 | 132.86 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.54 | 82 | 1157930 | 102.13 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 357499 | 159.88 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.34 | 172 | 1470636 | 85.58 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.09 | 244 | 1034437 | 88.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.72 | 88 | 208966 | 41.83 | ng | | 99 |
| 3) Pyridine | 3.49 | 79 | 604114 | 48.31 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.44 | 42 | 274412 | 51.28 | ng | | 100 |
| 6) Aniline | 6.64 | 93 | 523672 | 29.19 | ng | | 96 |
| 8) 2-Chlorophenol | 6.76 | 128 | 487761 | 41.47 | ng | | 94 |
| 9) Benzaldehyde | 6.52 | 77 | 179865 | 27.40 | ng | | 98 |
| 10) Phenol | 6.62 | 94 | 735387m | 53.64 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.71 | 93 | 523547 | 45.98 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.92 | 146 | 561891 | 44.50 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.00 | 146 | 547827m | 43.29 | ng | | |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 511787 | 44.57 | ng | | 99 |
| 15) Benzyl Alcohol | 7.11 | 79 | 428985 | 45.66 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25 | 45 | 643725 | 39.22 | ng | | 98 |
| 17) 2-Methylphenol | 7.22 | 107 | 455197 | 47.43 | ng | | 96 |
| 18) Hexachloroethane | 7.49 | 117 | 214929 | 46.04 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.40 | 70 | 380316 | 45.59 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.37 | 107 | 509316 | 44.80 | ng | | 98 |
| 22) Acetophenone | 7.38 | 105 | 684413 | 46.22 | ng | # | 98 |
| 24) Nitrobenzene | 7.56 | 77 | 524501 | 45.54 | ng | | 99 |
| 25) Isophorone | 7.80 | 82 | 1031227 | 49.08 | ng | | 98 |
| 26) 2-Nitrophenol | 7.88 | 139 | 290324 | 51.80 | ng | # | 89 |
| 27) 2,4-Dimethylphenol | 7.91 | 122 | 516535 | 50.43 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93 | 579915 | 49.56 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.12 | 162 | 429407 | 51.98 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.20 | 180 | 423412 | 47.41 | ng | | 98 |
| 31) Naphthalene | 8.29 | 128 | 1484914 | 49.78 | ng | | 98 |
| 32) Benzoic acid | 7.98 | 122 | 75667 | 11.12 | ng | # | 49 |
| 33) 4-Chloroaniline | 8.32 | 127 | 230886 | 19.13 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.40 | 225 | 238870 | 51.40 | ng | | 99 |
| 35) Caprolactam | 8.69 | 113 | 173417 | 64.28 | ng | # | 87 |
| 36) 4-Chloro-3-methylphenol | 8.81 | 107 | 468744 | 50.02 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.97 | 142 | 890762 | 46.53 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 376856 | 50.42 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.13 | 237 | 226348 | 56.15 | ng | | 96 |

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Sample : H1683-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
UMANGI
3/7/2016 3:30:53 PM

Quant Time: Mar 07 12:24:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.25 | 196 | 259740 | 46.69 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 9.29 | 196 | 261122 | 49.50 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.44 | 154 | 1099926 | 49.27 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.46 | 162 | 825793 | 48.52 | ng | | 94 |
| 47) 2-Nitroaniline | 9.56 | 65 | 290951 | 55.17 | ng | | 89 |
| 48) Acenaphthylene | 9.88 | 152 | 1295478 | 48.91 | ng | | 98 |
| 49) Dimethylphthalate | 9.74 | 163 | 1033121 | 51.51 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.80 | 165 | 197512 | 46.03 | ng | # | 81 |
| 51) Acenaphthene | 10.05 | 154 | 838550 | 52.14 | ng | | 99 |
| 52) 3-Nitroaniline | 9.97 | 138 | 208584 | 40.63 | ng | # | 98 |
| 53) 2,4-Dinitrophenol | 10.07 | 184 | 62867 | 34.00 | ng | # | 48 |
| 54) Dibenzofuran | 10.23 | 168 | 1110426 | 52.70 | ng | | 92 |
| 55) 4-Nitrophenol | 10.13 | 139 | 397262 | 98.47 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.21 | 165 | 303679 | 55.30 | ng | # | 66 |
| 57) Fluorene | 10.57 | 166 | 855843 | 51.71 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.34 | 232 | 206026 | 55.60 | ng | # | 97 |
| 59) Diethylphthalate | 10.44 | 149 | 897509 | 46.11 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204 | 408911 | 50.78 | ng | # | 85 |
| 61) 4-Nitroaniline | 10.57 | 138 | 176177 | 36.69 | ng | | 99 |
| 62) Azobenzene | 10.72 | 77 | 890355 | 46.43 | ng | | 83 |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198 | 68825 | 28.93 | ng | # | 49 |
| 65) n-Nitrosodiphenylamine | 10.68 | 169 | 802277 | 64.91 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 11.05 | 248 | 213423 | 55.31 | ng | # | 81 |
| 67) Hexachlorobenzene | 11.12 | 284 | 225404 | 54.76 | ng | # | 91 |
| 68) Atrazine | 11.20 | 200 | 225057 | 65.48 | ng | | 97 |
| 69) Pentachlorophenol | 11.30 | 266 | 216305 | 94.67 | ng | | 99 |
| 70) Phenanthrene | 11.53 | 178 | 1477465 | 70.95 | ng | | 99 |
| 71) Anthracene | 11.58 | 178 | 1135740 | 51.37 | ng | | 99 |
| 72) Carbazole | 11.73 | 167 | 850812 | 43.89 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.06 | 149 | 1197722 | 48.88 | ng | | 99 |
| 74) Fluoranthene | 12.72 | 202 | 1906365 | 91.22 | ng | | 97 |
| 76) Benzidine | 12.84 | 184 | 345361 | 42.70 | ng | | 98 |
| 77) Pyrene | 12.95 | 202 | 1762551 | 86.16 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.56 | 149 | 459099 | 49.46 | ng | # | 78 |
| 80) Benzo(a)anthracene | 14.13 | 228 | 1203217 | 73.95 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.08 | 252 | 119662 | 23.31 | ng | | 98 |
| 82) Chrysene | 14.16 | 228 | 844949 | 56.22 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 593893 | 48.62 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.72 | 149 | 949400 | 51.04 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.09 | 276 | 973591 | 83.00 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.18 | 252 | 1476094m | 80.07 | ng | | |
| 88) Benzo(k)fluoranthene | 15.21 | 252 | 626400m | 42.12 | ng | | |
| 89) Benzo(a)pyrene | 15.56 | 252 | 1056417 | 69.15 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.11 | 278 | 757466m | 58.08 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.55 | 276 | 793623 | 60.52 | ng | | 96 |

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

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 07 12:24:35 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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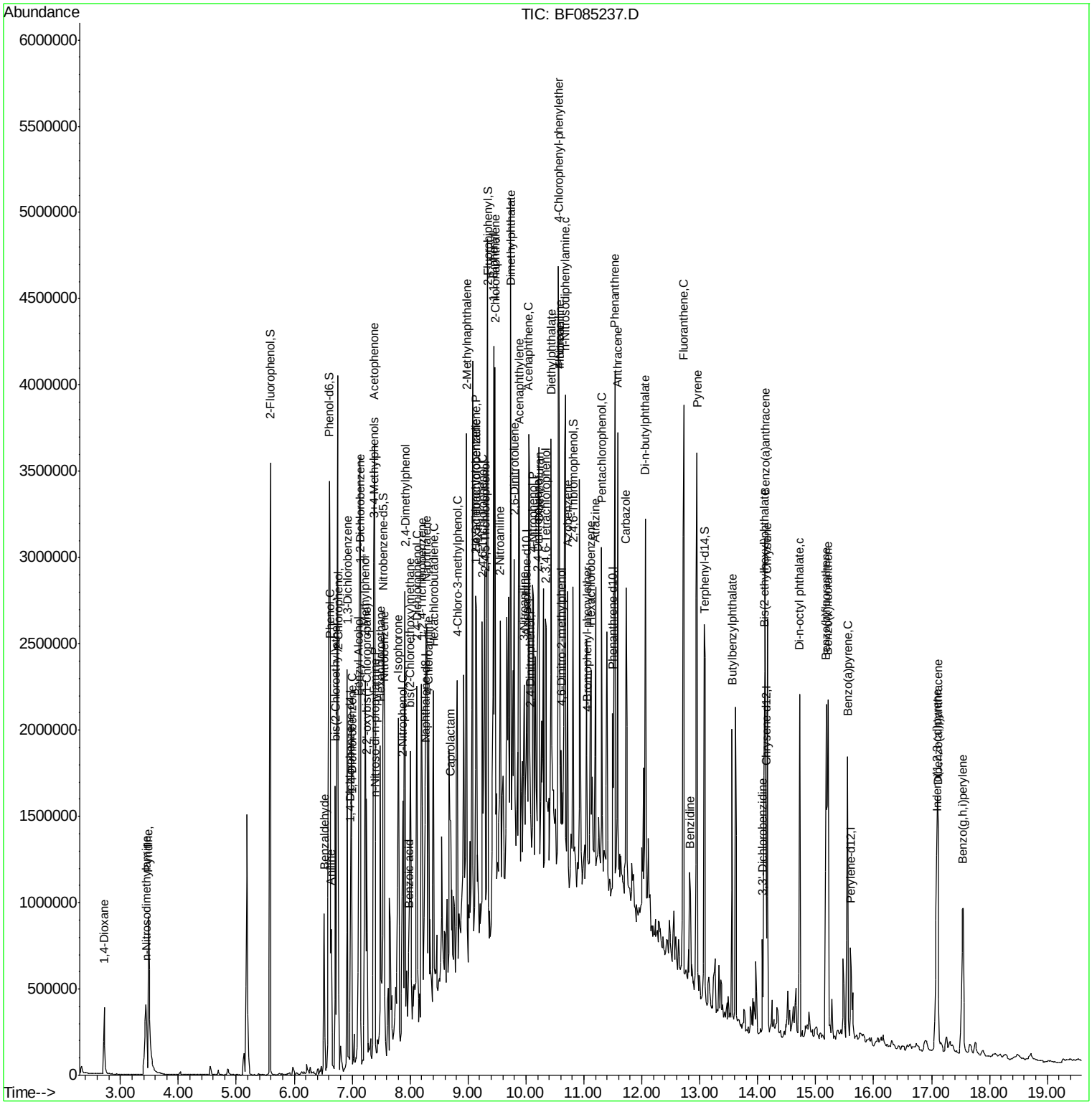
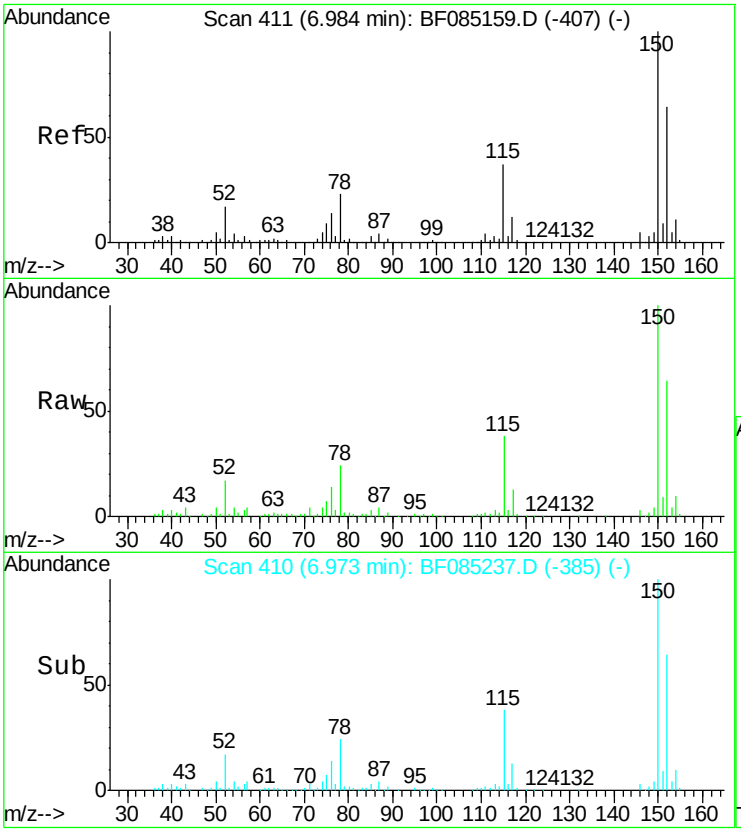
3/7/2016 3:30:53 PM

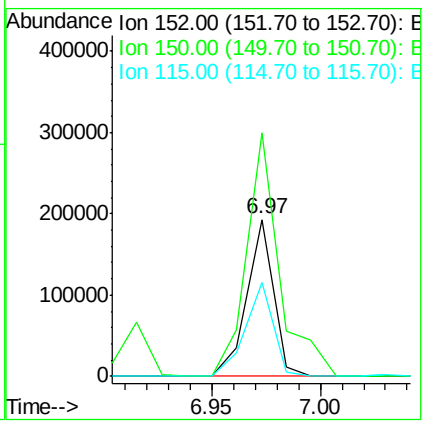





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

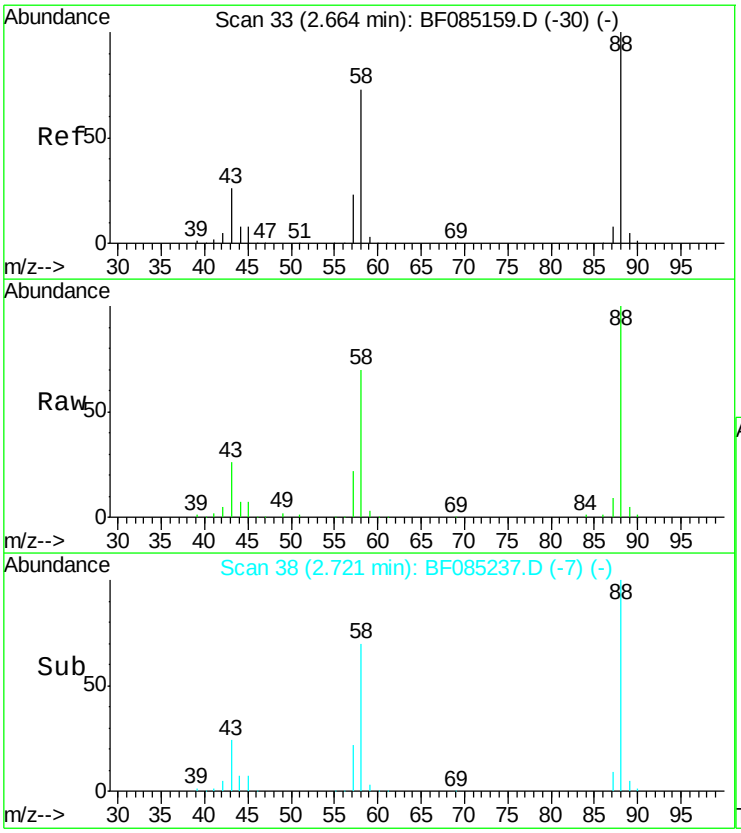
Tgt Ion:152 Resp: 163878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 124.6 | 186.8 |
| 115 | 59.9 | 46.6 | 70.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

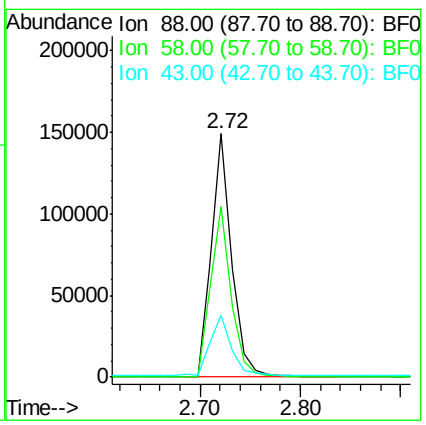
**Manual Integrations APPROVED**
UMANGI
3/7/2016 3:30:53 PM

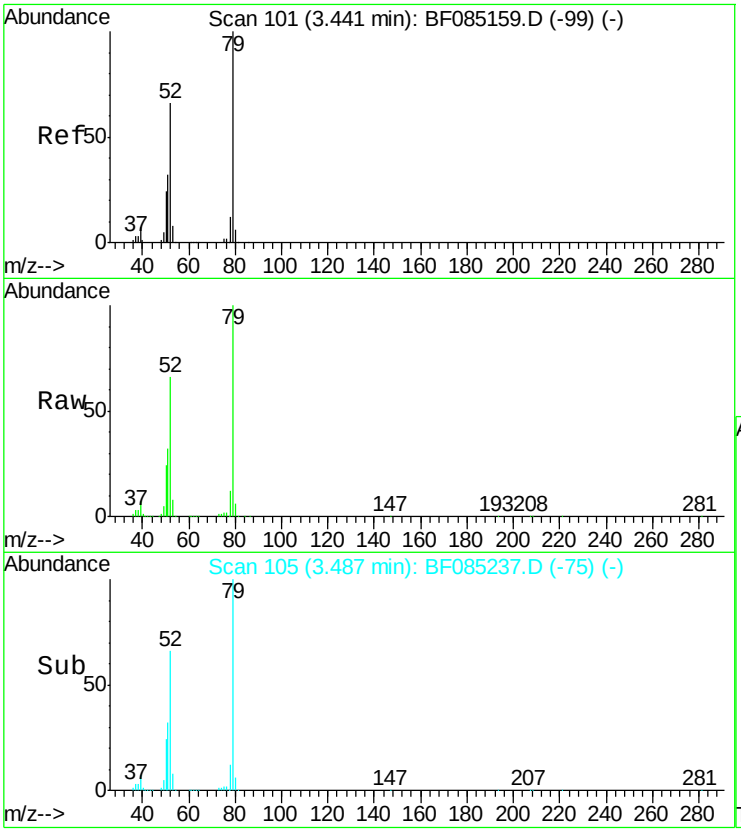



#2
1,4-Dioxane
Concen: 41.83 ng
RT: 2.72 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 88 Resp: 208966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.0 | 57.0 | 85.6 |
| 43 | 25.5 | 20.5 | 30.7 |

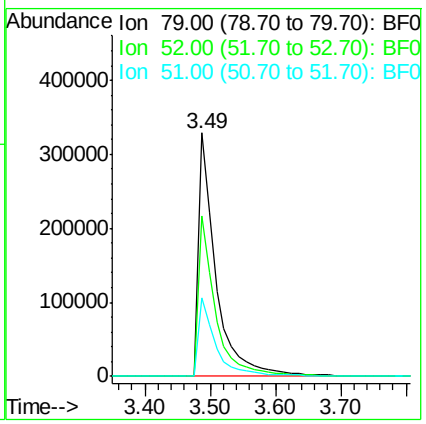





#3
Pyridine
Concen: 48.31 ng
RT: 3.49 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 79 Resp: 604114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 65.7 | 52.6 | 79.0 |
| 51 | 32.0 | 25.8 | 38.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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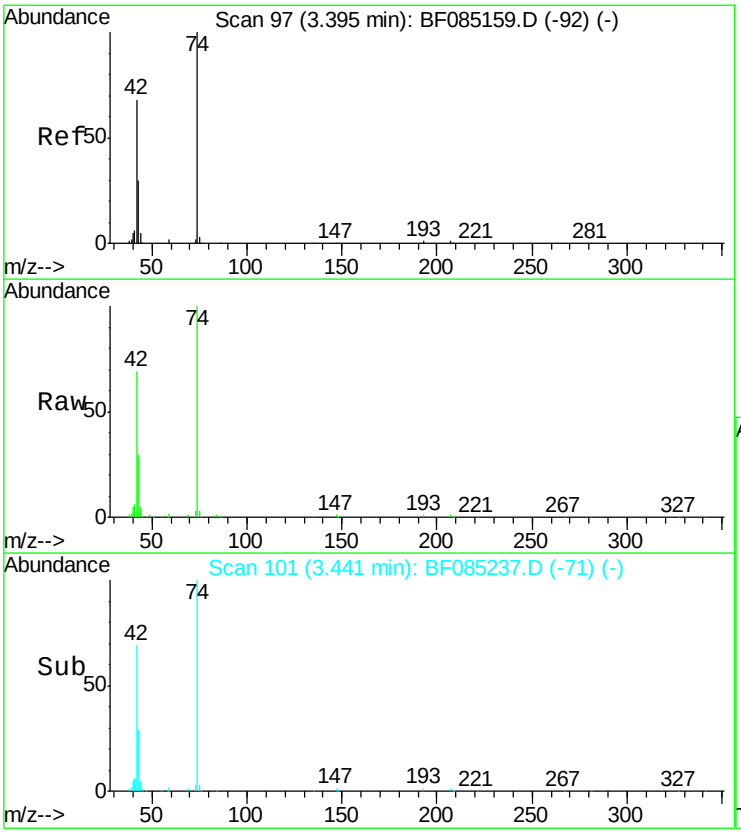
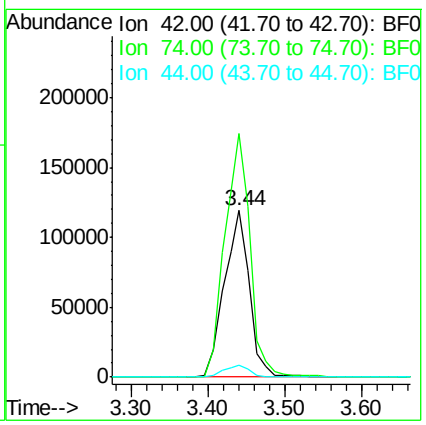
3/7/2016 3:30:53 PM

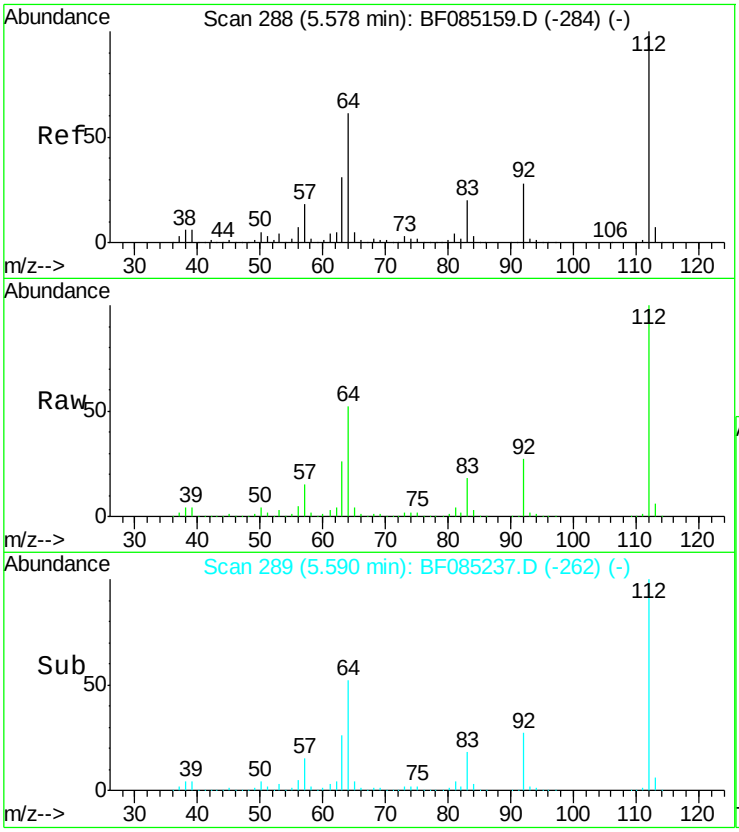



#4
n-Nitrosodimethylamine
Concen: 51.28 ng
RT: 3.44 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 42 Resp: 274412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 146.0 | 116.8 | 175.2 |
| 44 | 6.9 | 5.5 | 8.3 |

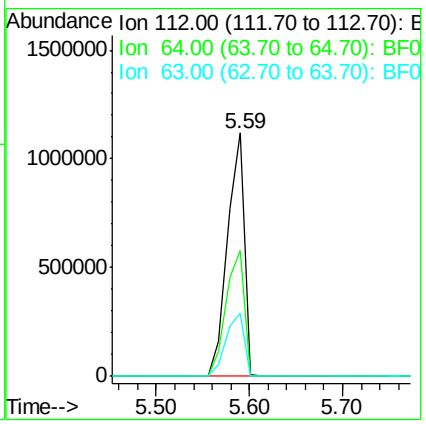





#5
2-Fluorophenol
Concen: 144.96 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

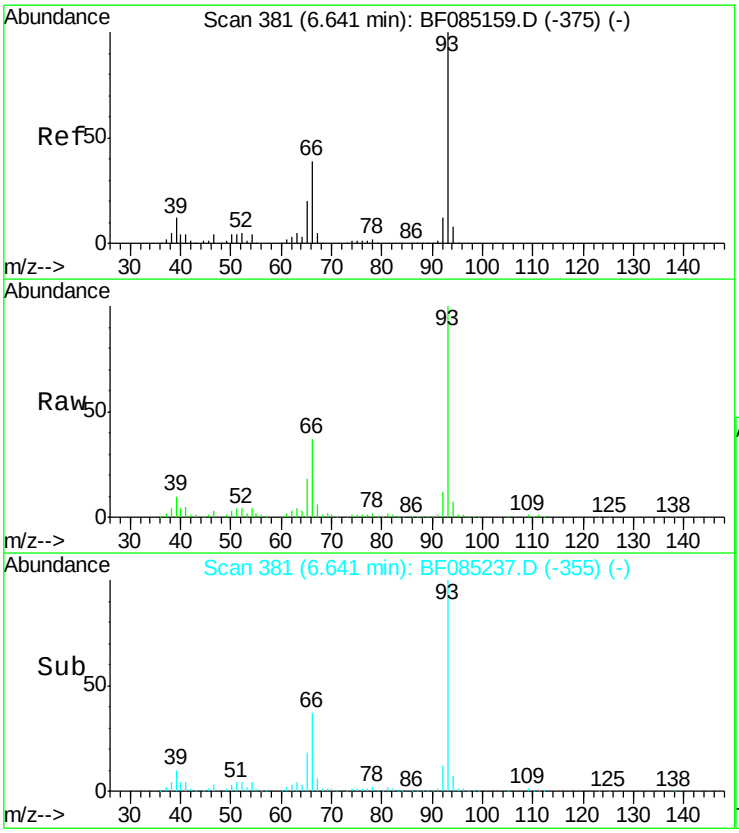
Tgt Ion:112 Resp: 1416253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.7 | 49.0 | 73.4 |
| 63 | 26.0 | 24.8 | 37.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

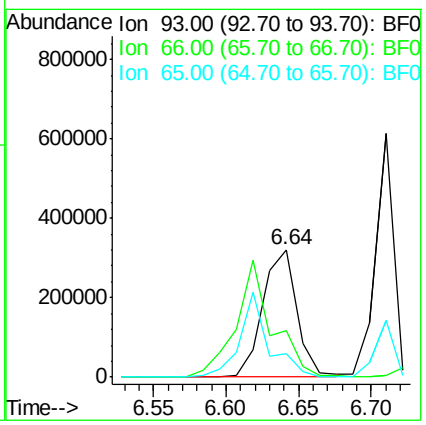
**Manual Integrations APPROVED**
UMANGI
3/7/2016 3:30:53 PM

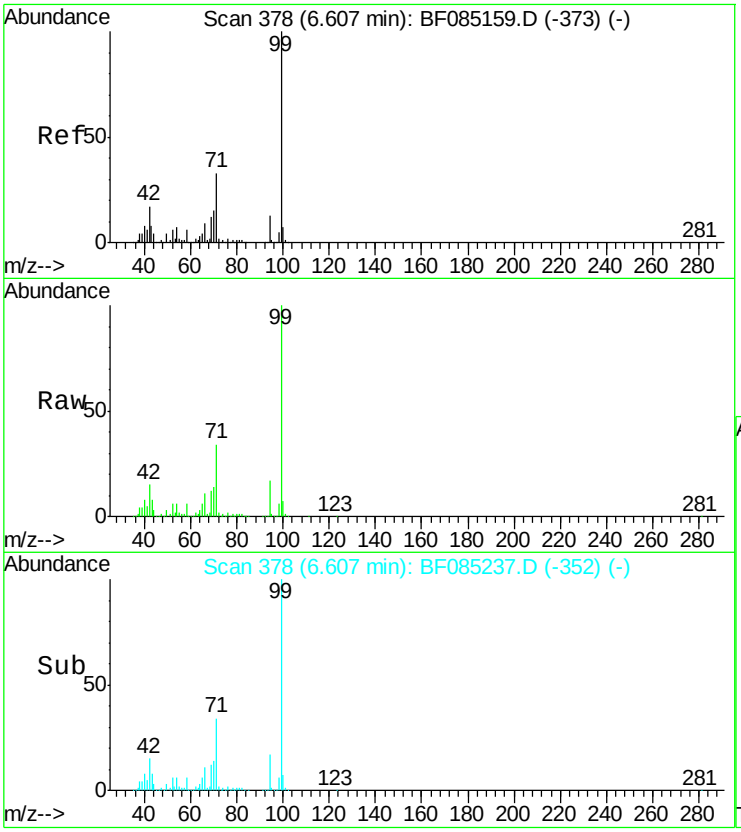



#6
Aniline
Concen: 29.19 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 93 Resp: 523672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.5 | 31.6 | 47.4 |
| 65 | 18.2 | 15.8 | 23.8 |

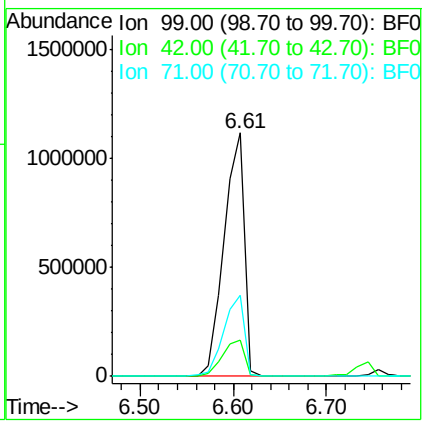





#7
Phenol-d6
Concen: 132.86 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 99 Resp: 1700540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 13.6 | 20.4 |
| 71 | 33.5 | 26.7 | 40.1 |

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BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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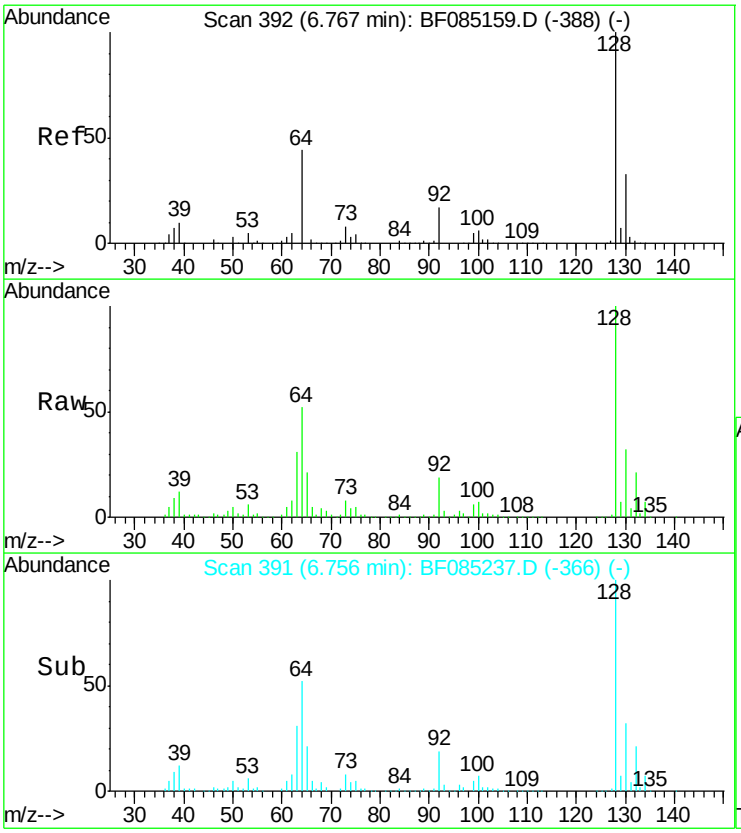
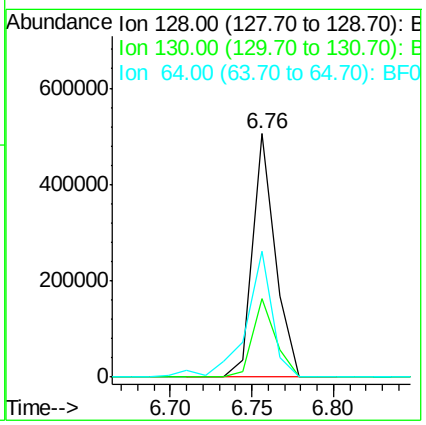
3/7/2016 3:30:53 PM

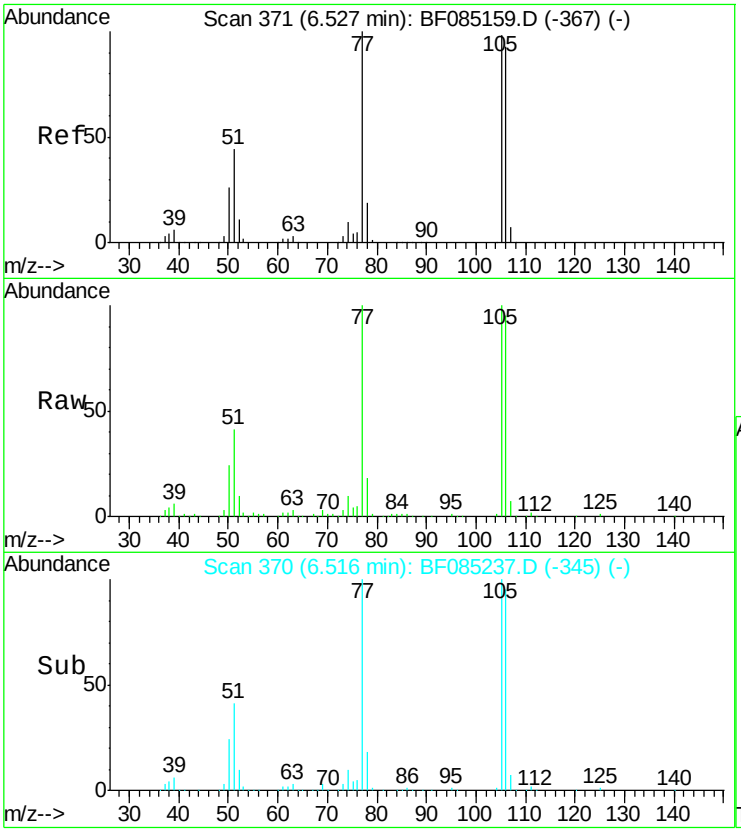



#8
2-Chlorophenol
Concen: 41.47 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:128 Resp: 487761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 13.3 | 53.3 |
| 64 | 51.9 | 25.7 | 65.7 |

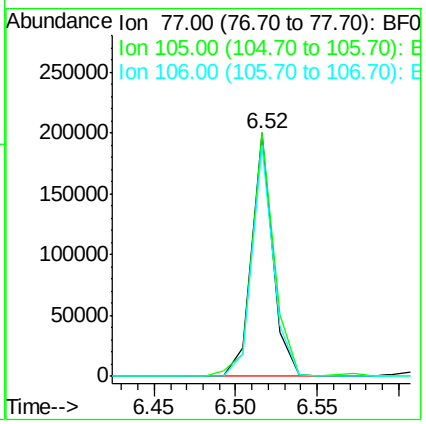





#9
Benzaldehyde
Concen: 27.40 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

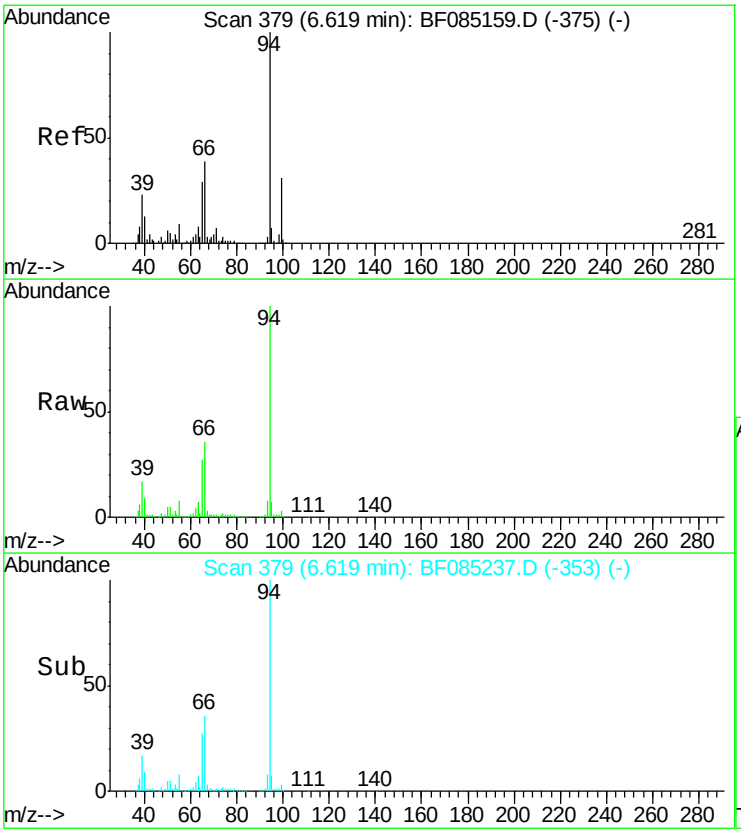
Tgt Ion: 77 Resp: 179865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.1 | 78.2 | 118.2 |
| 106 | 94.7 | 72.9 | 112.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

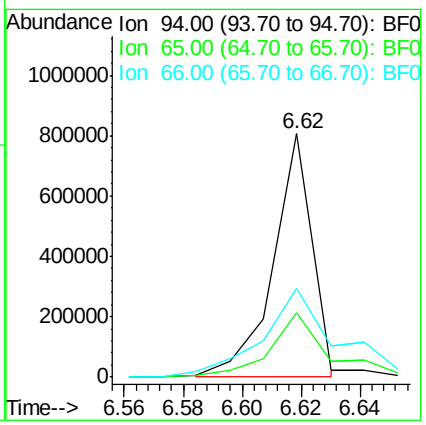
**Manual Integrations APPROVED**
UMANGI
3/7/2016 3:30:53 PM

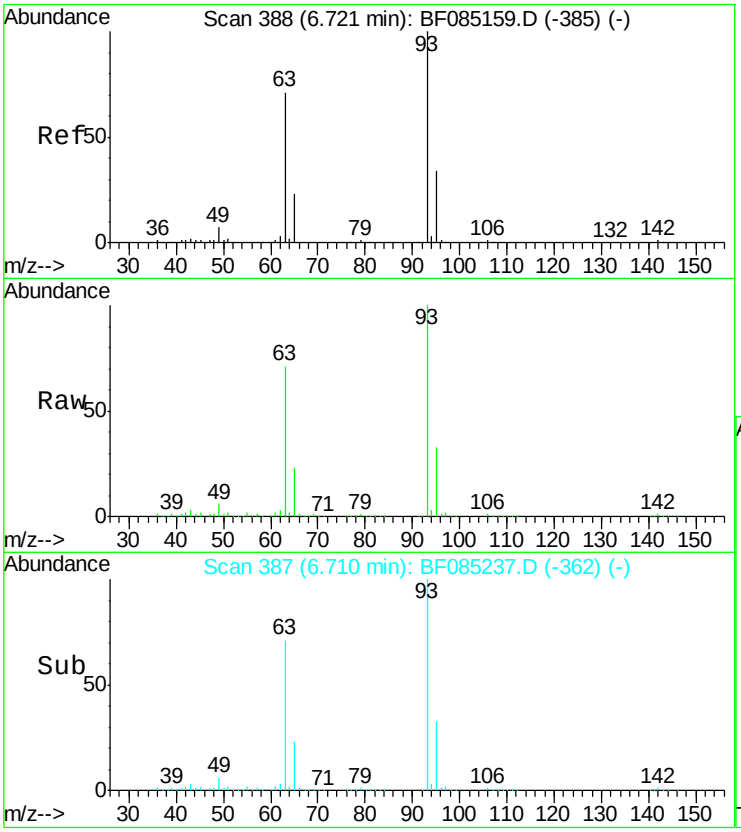



#10
Phenol
Concen: 53.64 ng m
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 94 Resp: 735387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.6 | 9.1 | 49.1 |
| 66 | 36.4 | 19.3 | 59.3 |

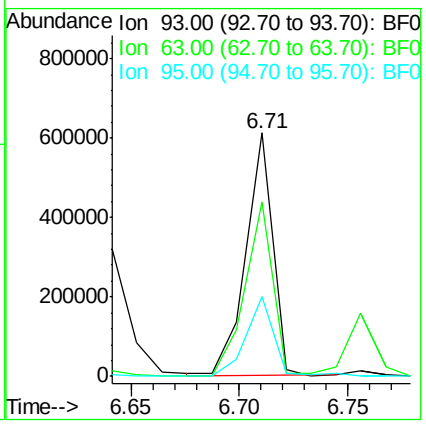





#11
bis(2-Chloroethyl)ether
Concen: 45.98 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 93 Resp: 523547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.5 | 50.9 | 90.9 |
| 95 | 32.8 | 13.7 | 53.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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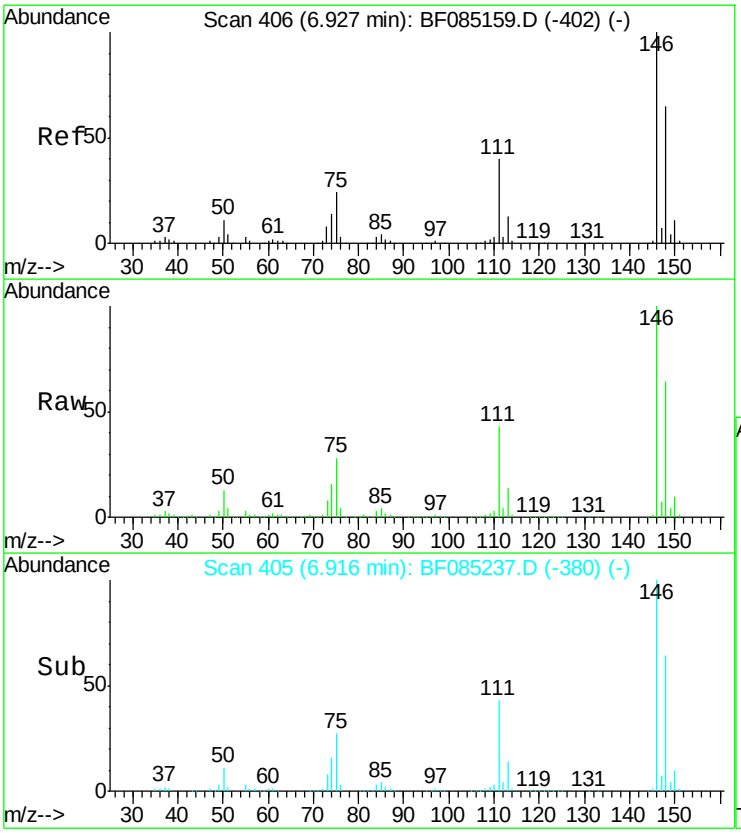
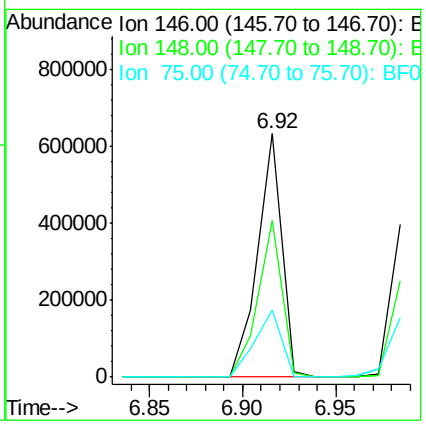
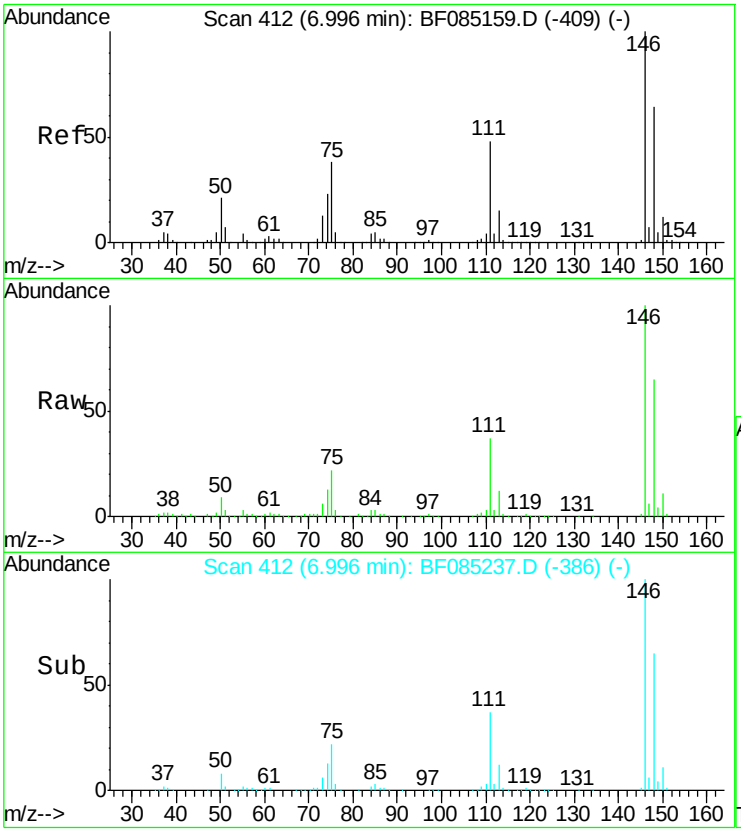



#12
1,3-Dichlorobenzene
Concen: 44.50 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:146 Resp: 561891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 52.1 | 78.1 |
| 75 | 27.6 | 19.5 | 29.3 |

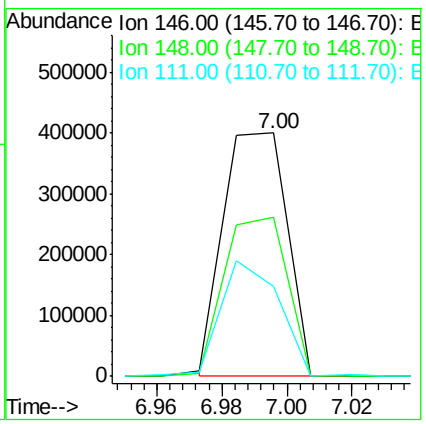





#13
1,4-Dichlorobenzene
Concen: 43.29 ng m
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:146 Resp: 547827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 51.3 | 76.9 |
| 111 | 37.0 | 38.4 | 57.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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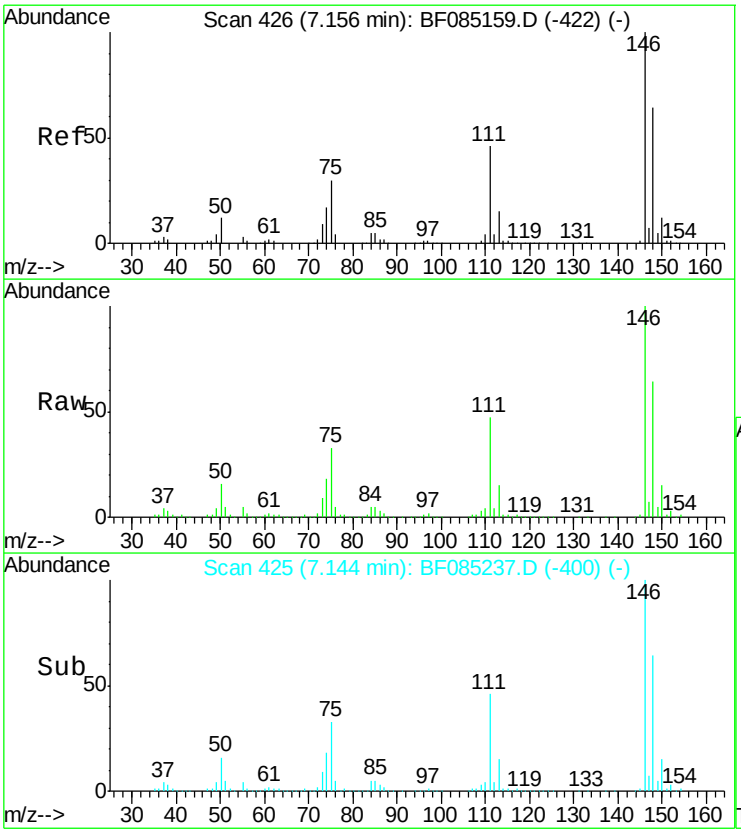
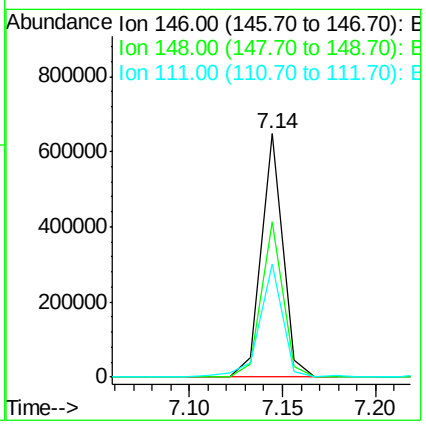
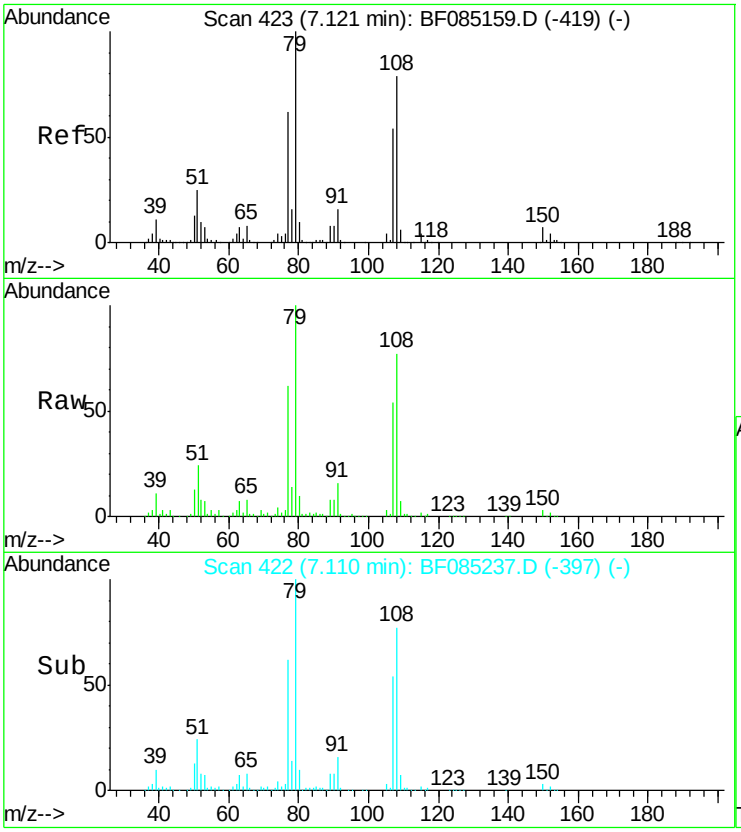



#14
1,2-Dichlorobenzene
Concen: 44.57 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:146 Resp: 511787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.4 | 77.2 |
| 111 | 46.6 | 36.7 | 55.1 |

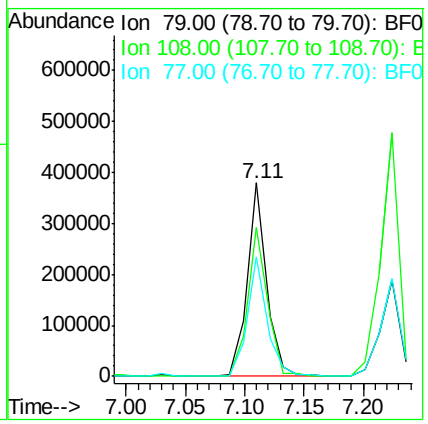





#15
Benzyl Alcohol
Concen: 45.66 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 79 Resp: 428985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.8 | 62.9 | 94.3 |
| 77 | 62.1 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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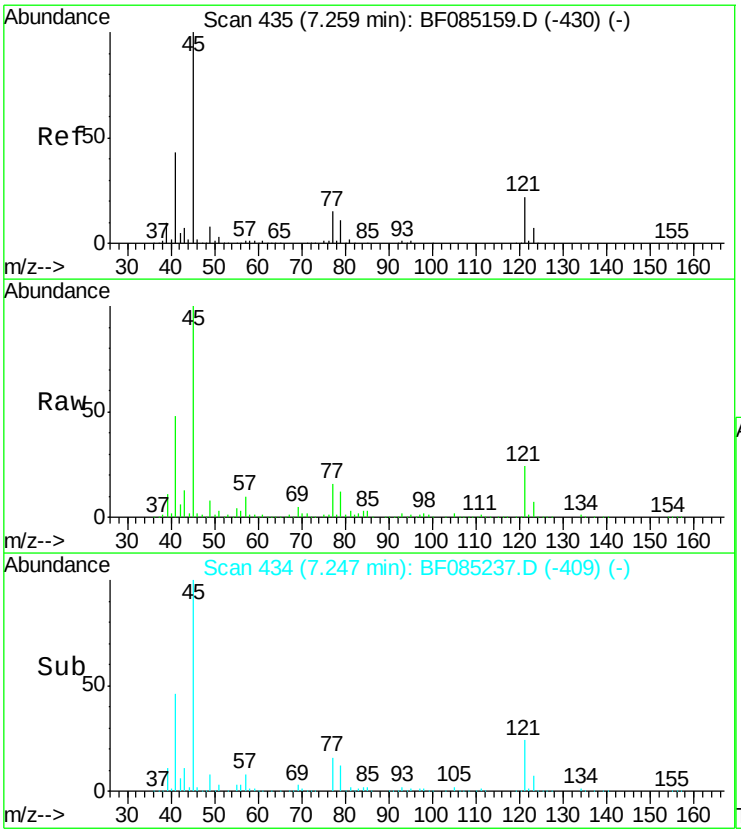
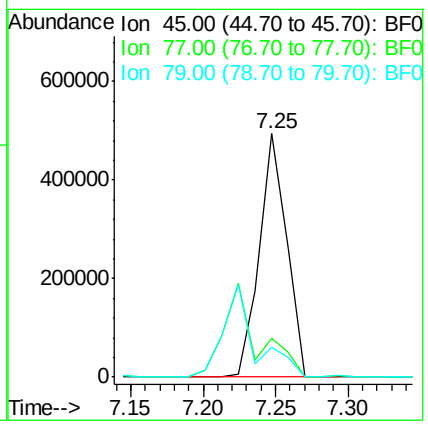
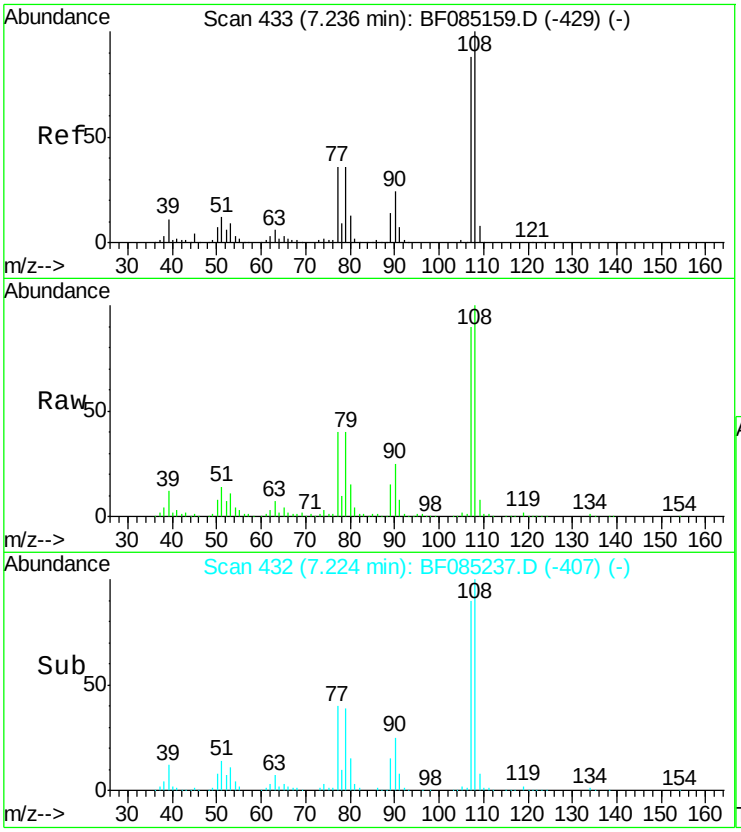



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.22 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 45 Resp: 643725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.1 | 0.0 | 35.1 |
| 79 | 12.1 | 0.0 | 31.3 |

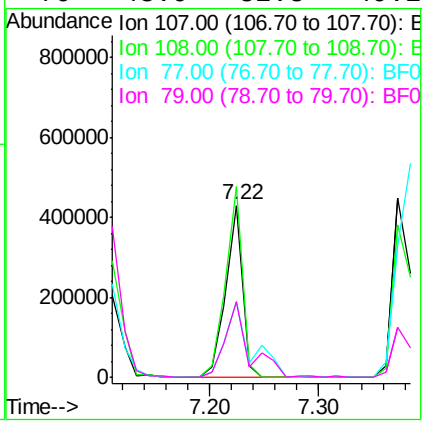





#17
2-Methylphenol
Concen: 47.43 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:107 Resp: 455197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.0 | 90.9 | 136.3 |
| 77 | 44.3 | 32.6 | 48.8 |
| 79 | 43.9 | 32.8 | 49.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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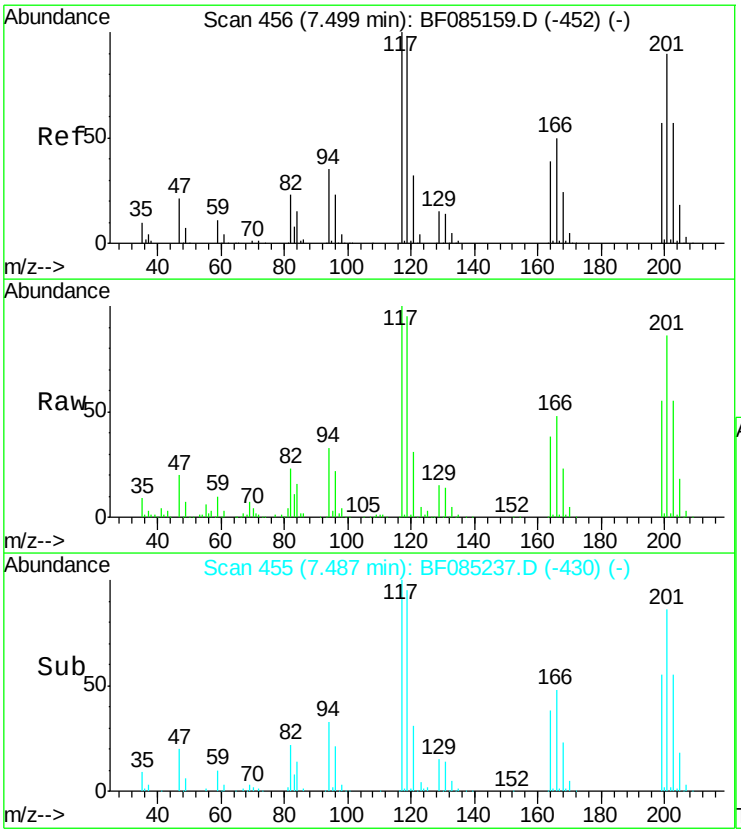
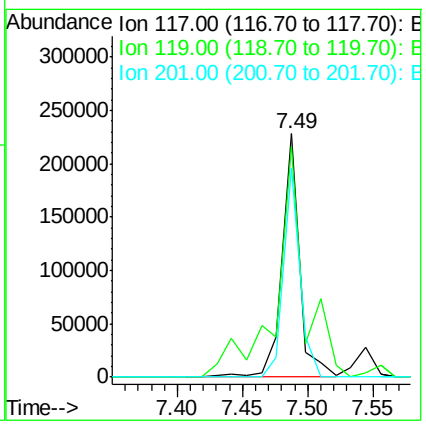
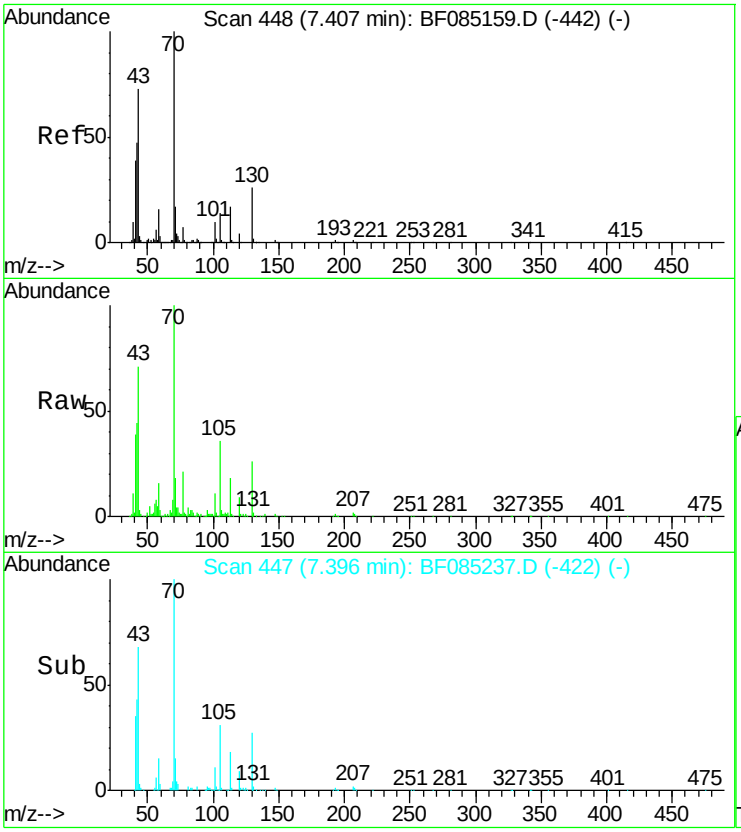



#18
Hexachloroethane
Concen: 46.04 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:117 Resp: 214929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 78.2 | 117.4 |
| 201 | 86.1 | 72.0 | 108.0 |

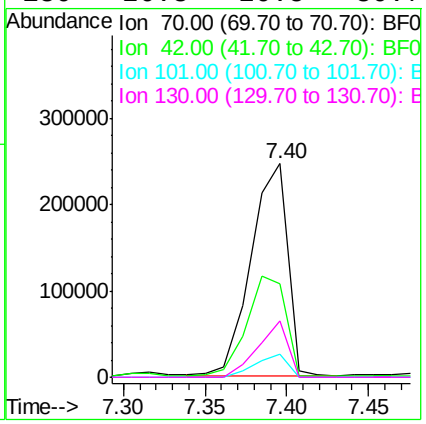





#19
n-Nitroso-di-n-propylamine
Concen: 45.59 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 70 Resp: 380316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.6 | 37.7 | 56.5 |
| 101 | 11.0 | 8.2 | 12.4 |
| 130 | 26.3 | 20.5 | 30.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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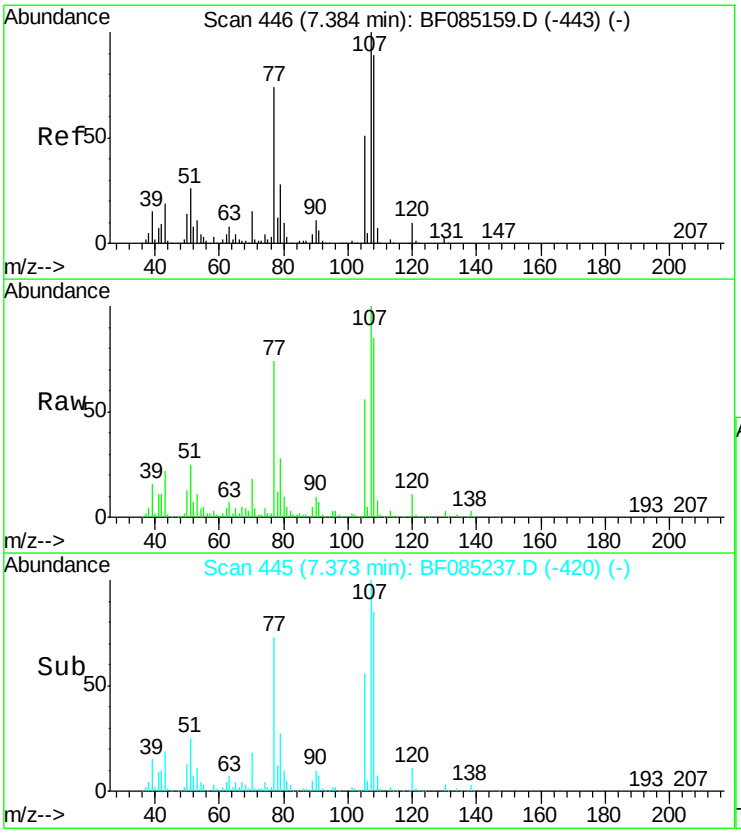
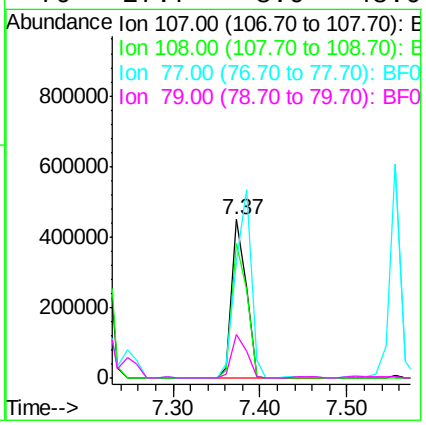
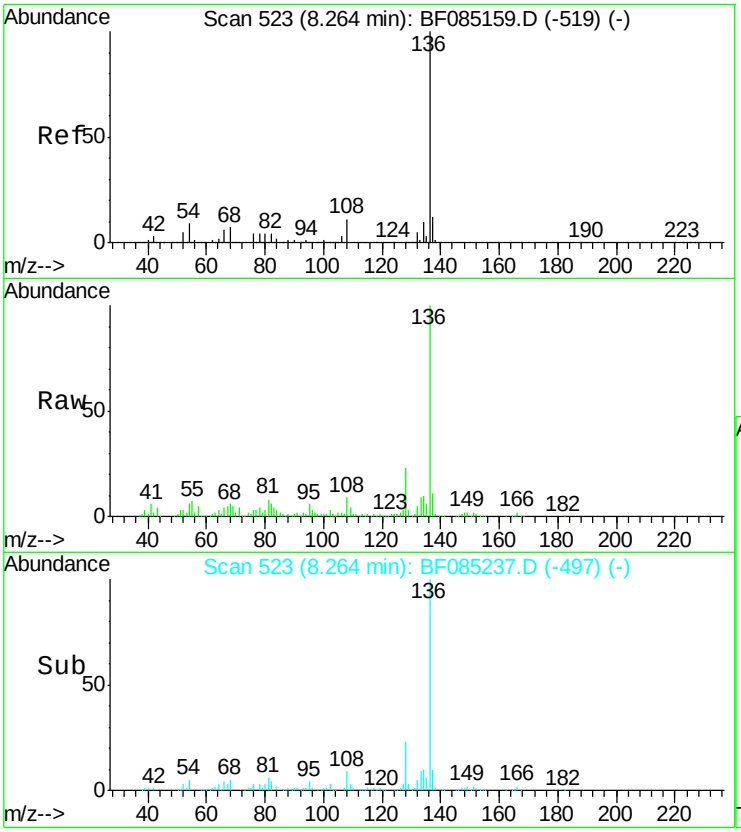



#20
3+4-Methylphenols
Concen: 44.80 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:107 Resp: 509316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.9 | 68.8 | 108.8 |
| 77 | 73.6 | 53.6 | 93.6 |
| 79 | 27.7 | 8.0 | 48.0 |

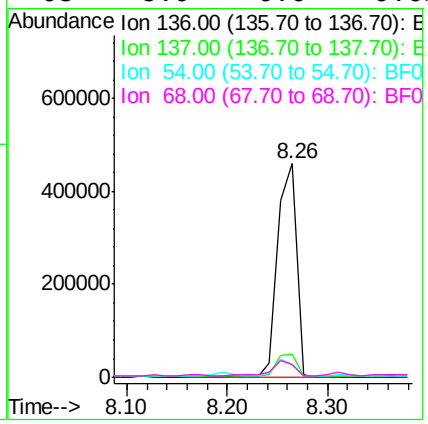





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:136 Resp: 606704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 9.3 | 13.9 |
| 54 | 6.0 | 7.4 | 11.2# |
| 68 | 5.9 | 6.0 | 9.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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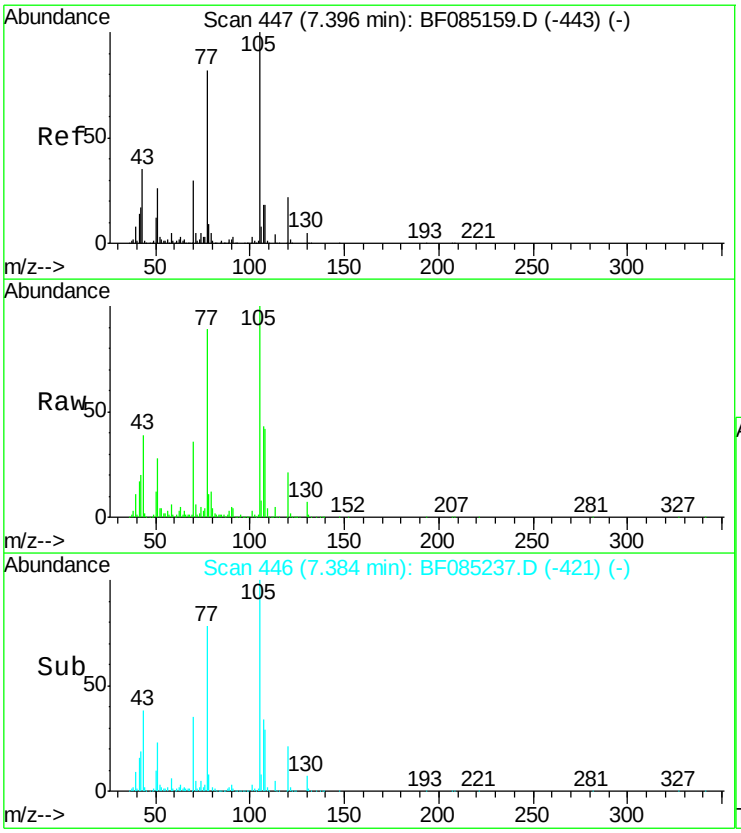
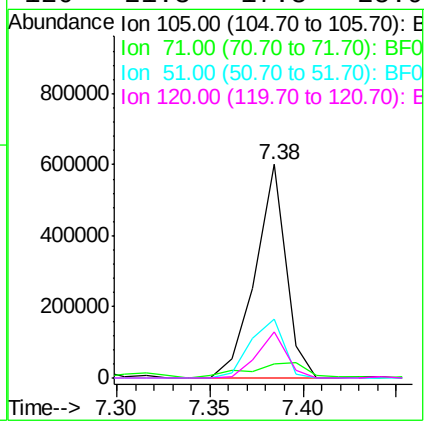
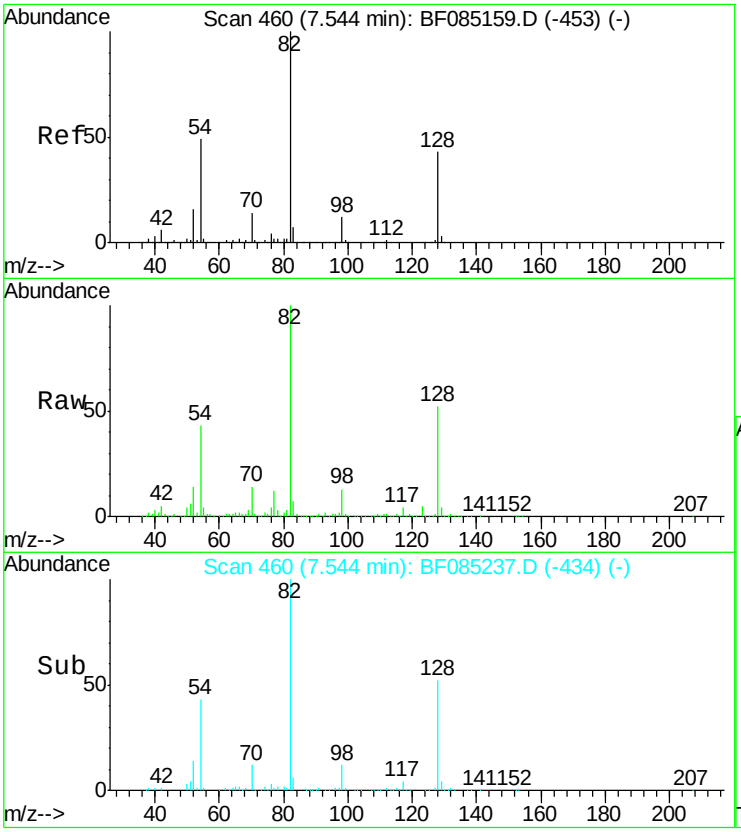



#22
Acetophenone
Concen: 46.22 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:105 Resp: 684413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 4.1 | 6.1# |
| 51 | 27.5 | 21.1 | 31.7 |
| 120 | 21.3 | 17.3 | 25.9 |

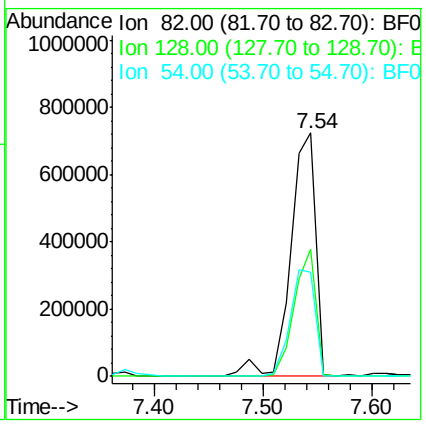





#23
Nitrobenzene-d5
Concen: 102.13 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 82 Resp: 1157930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.3 | 34.5 | 51.7# |
| 54 | 42.7 | 39.3 | 58.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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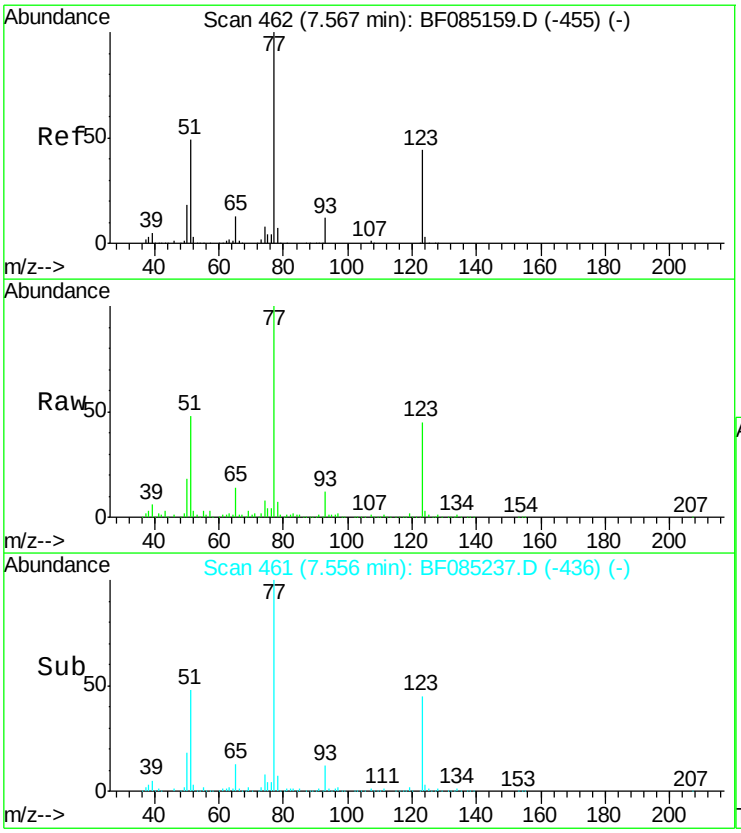
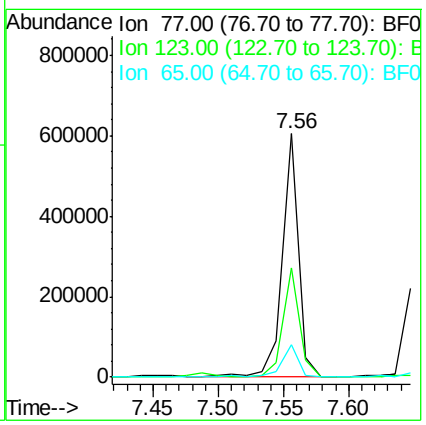
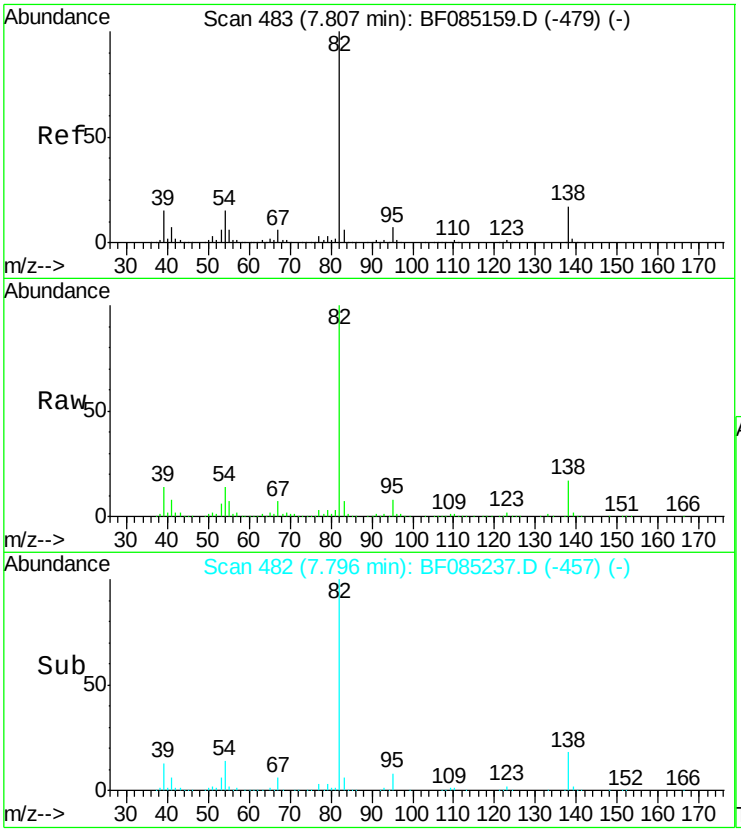



#24
Nitrobenzene
Concen: 45.54 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 77 Resp: 524501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.8 | 35.4 | 53.2 |
| 65 | 13.5 | 10.6 | 16.0 |

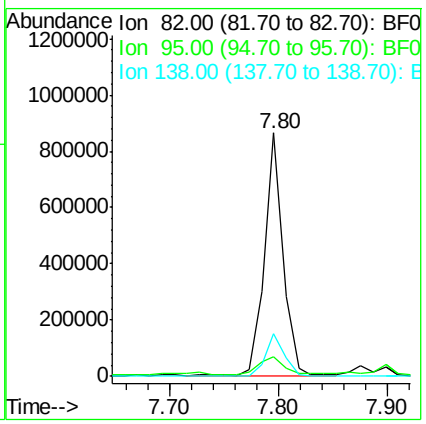





#25
Isophorone
Concen: 49.08 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 82 Resp: 1031227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 5.4 | 8.2 |
| 138 | 17.3 | 13.3 | 19.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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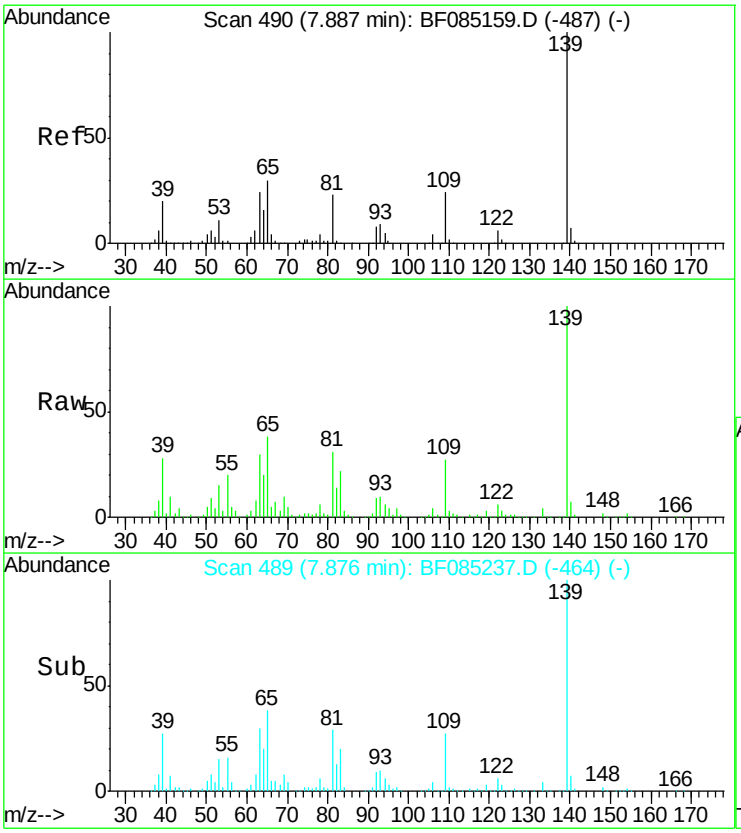
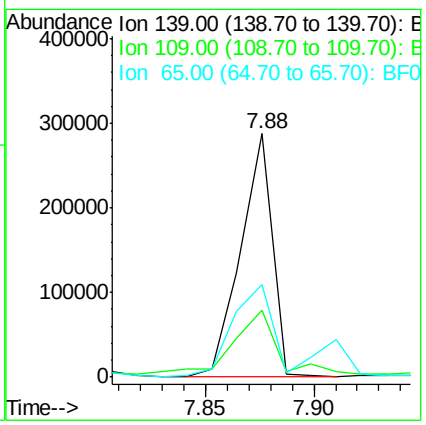
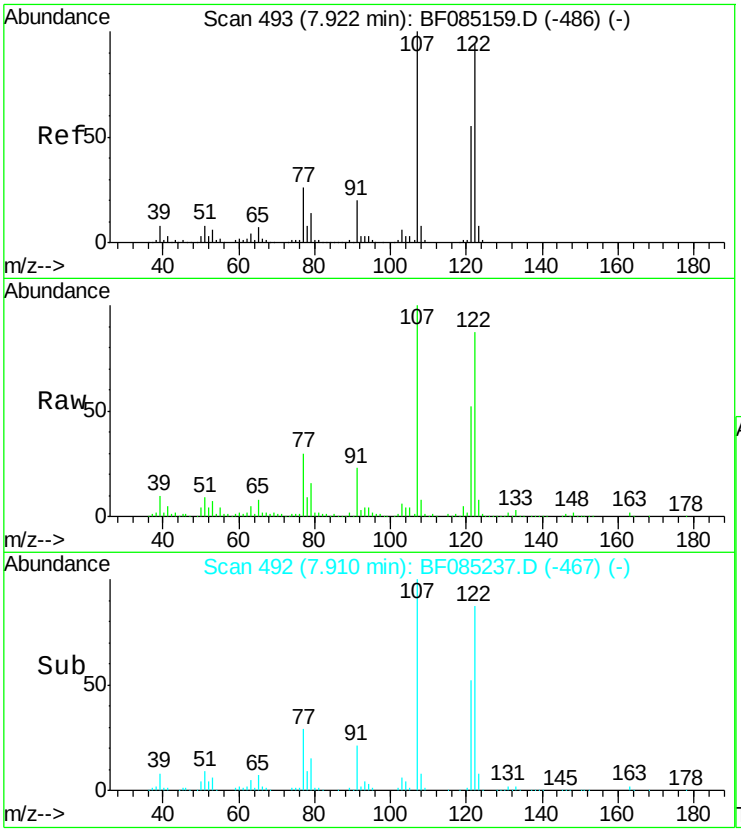



#26
2-Nitrophenol
Concen: 51.80 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:139 Resp: 290324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.4 | 19.1 | 28.7 |
| 65 | 37.9 | 23.9 | 35.9# |

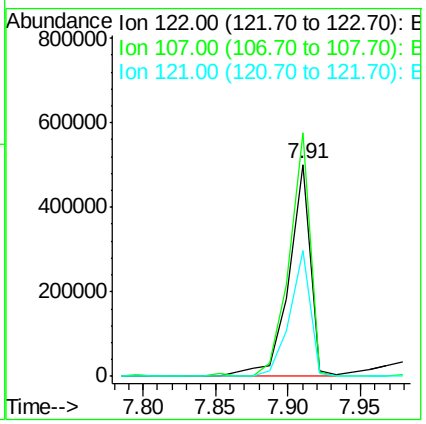





#27
2,4-Dimethylphenol
Concen: 50.43 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:122 Resp: 516535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.8 | 84.8 | 127.2 |
| 121 | 59.5 | 47.0 | 70.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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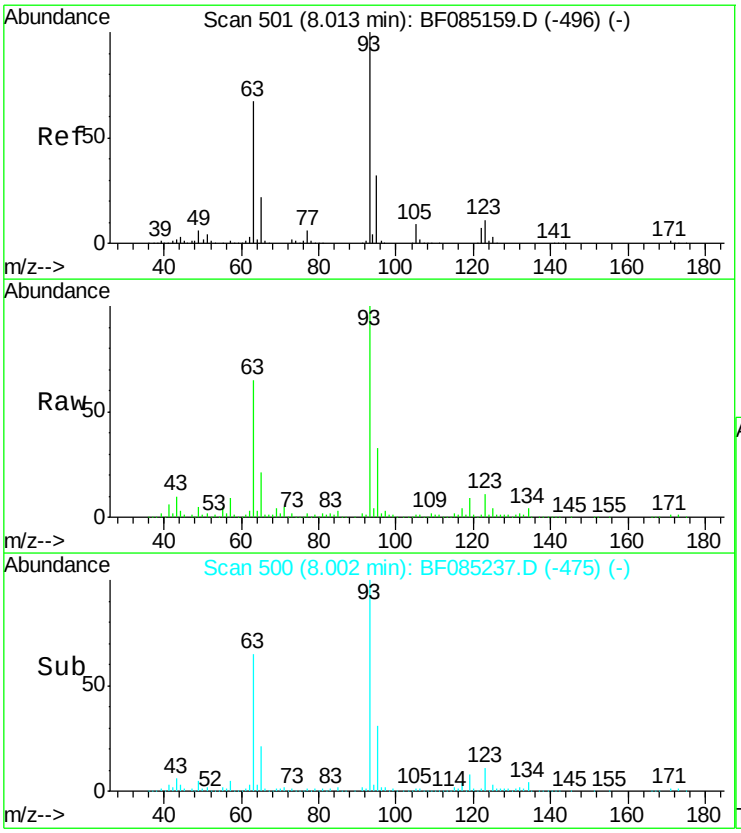
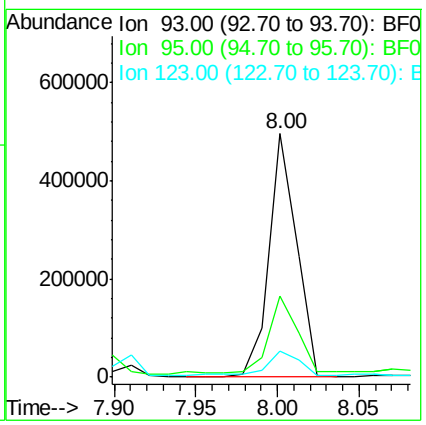
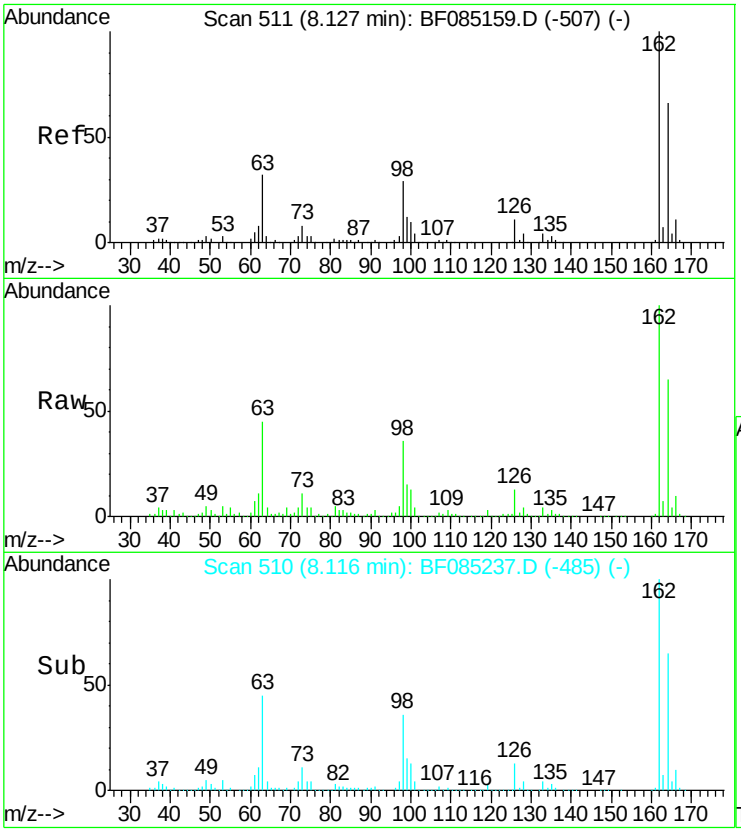



#28
bis(2-Chloroethoxy)methane
Concen: 49.56 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 93 Resp: 579915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 25.9 | 38.9 |
| 123 | 10.9 | 8.8 | 13.2 |

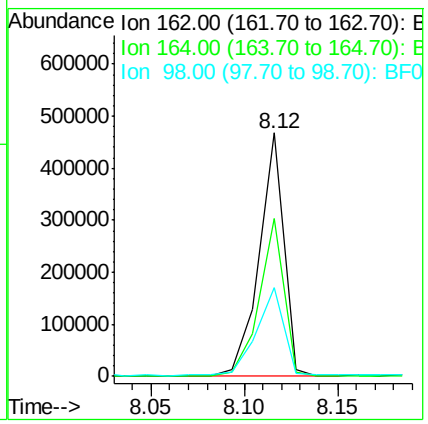





#29
2,4-Dichlorophenol
Concen: 51.98 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:162 Resp: 429407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.6 | 45.7 | 85.7 |
| 98 | 36.4 | 9.4 | 49.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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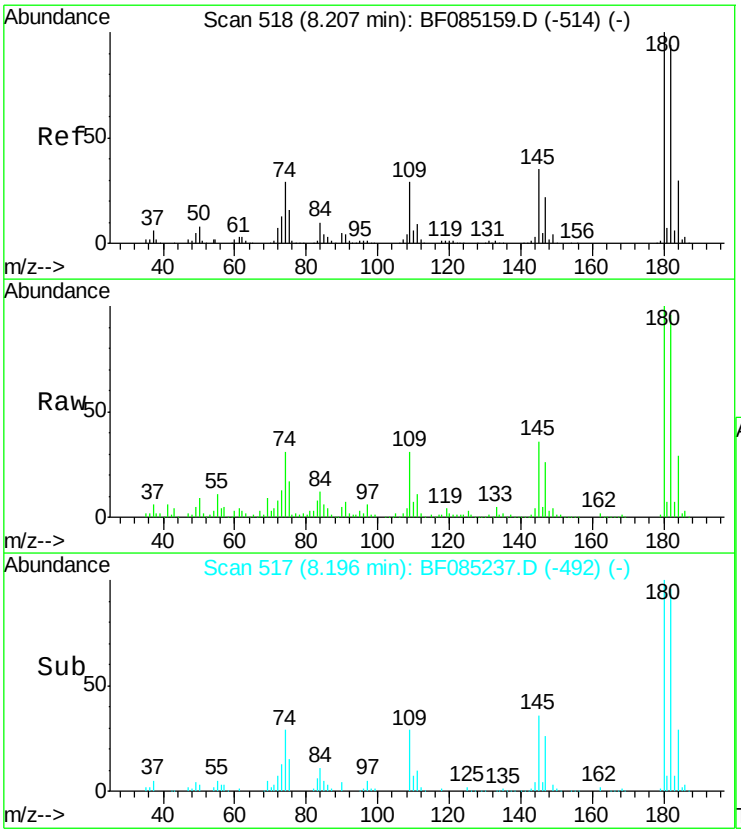
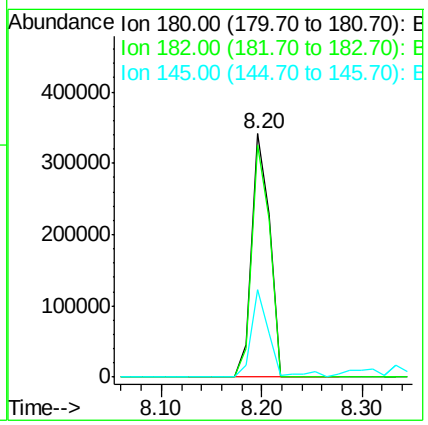
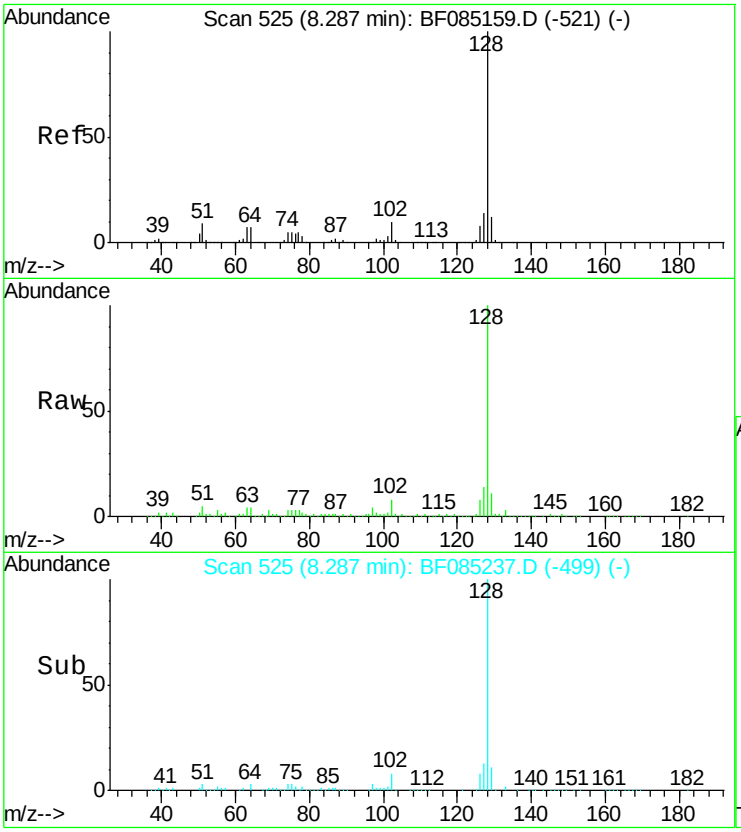



#30
1,2,4-Trichlorobenzene
Concen: 47.41 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:180 Resp: 423412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 74.9 | 112.3 |
| 145 | 36.0 | 27.9 | 41.9 |

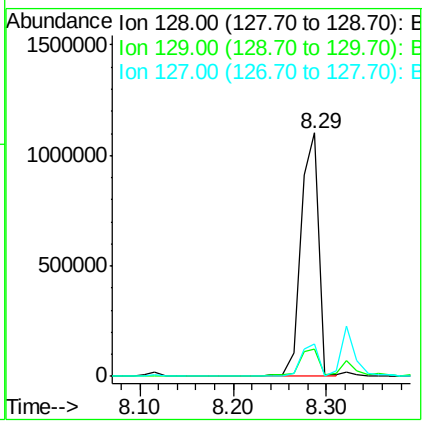





#31
Naphthalene
Concen: 49.78 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:128 Resp: 1484914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.7 | 14.5 |
| 127 | 13.5 | 11.2 | 16.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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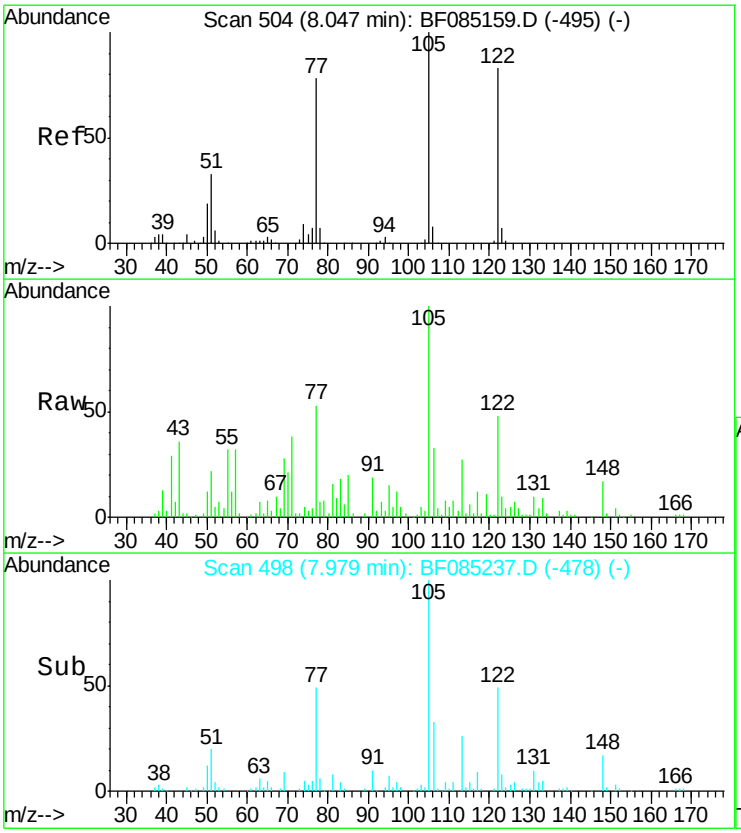
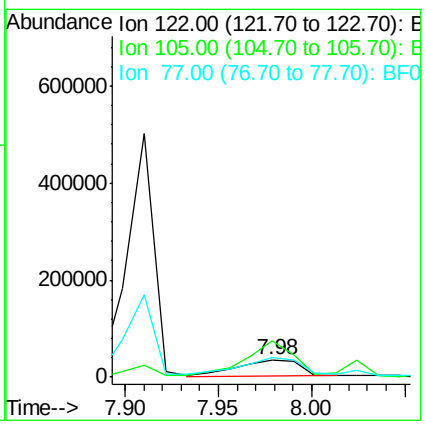
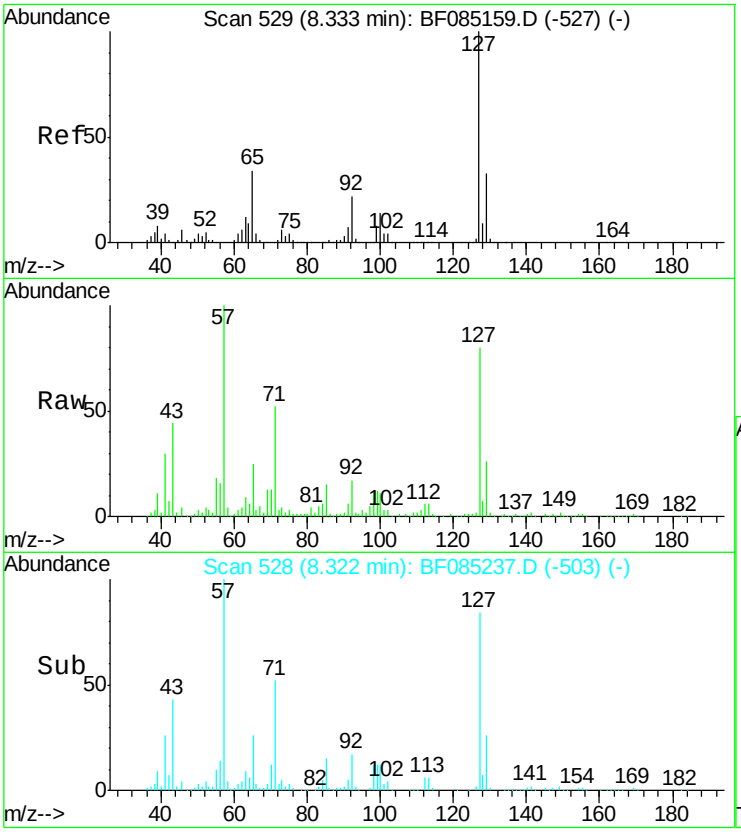



#32
Benzoic acid
Concen: 11.12 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.07 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:122 Resp: 75667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 208.0 | 101.3 | 141.3# |
| 77 | 110.7 | 74.7 | 114.7 |

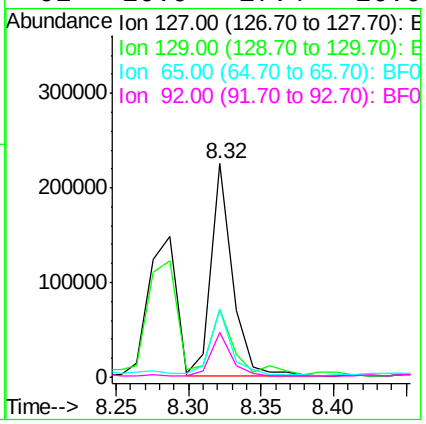





#33
4-Chloroaniline
Concen: 19.13 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:127 Resp: 230886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 26.1 | 39.1 |
| 65 | 31.7 | 27.0 | 40.6 |
| 92 | 20.9 | 17.4 | 26.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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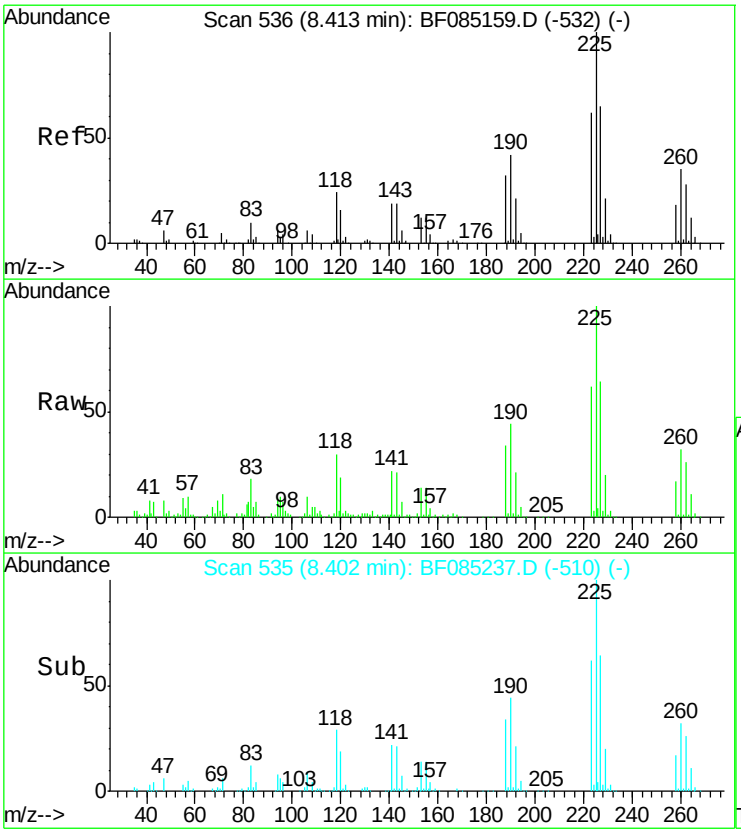
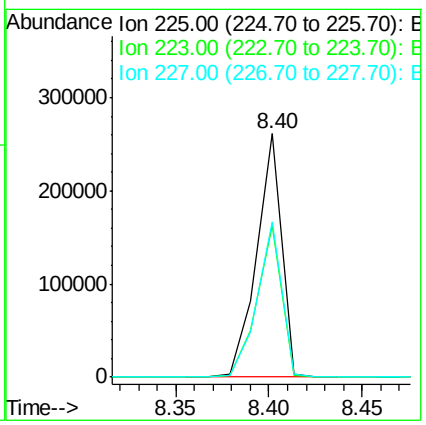
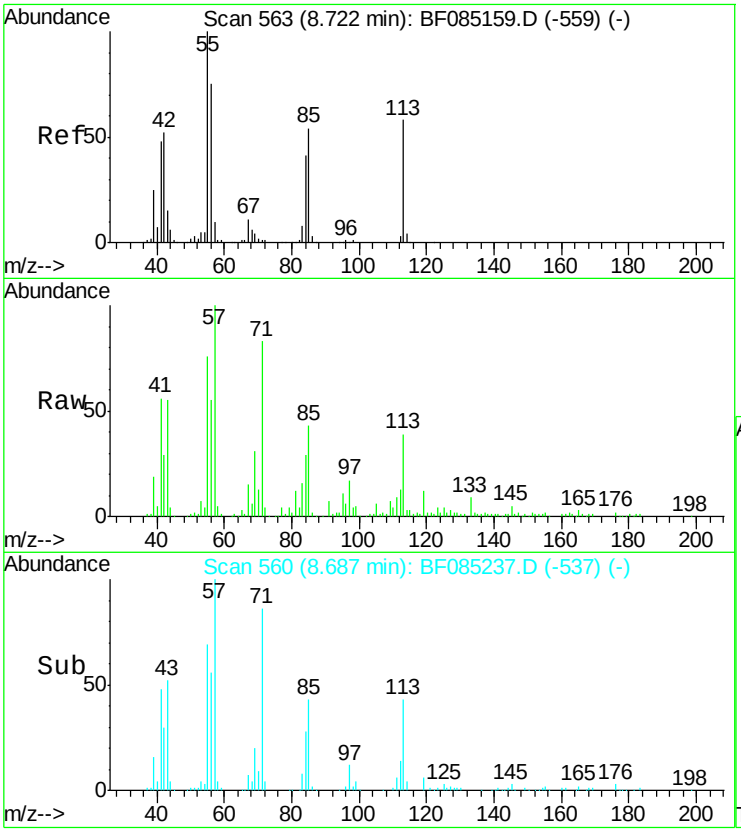



#34
Hexachlorobutadiene
Concen: 51.40 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:225 Resp: 238870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 49.7 | 74.5 |
| 227 | 63.9 | 52.2 | 78.4 |

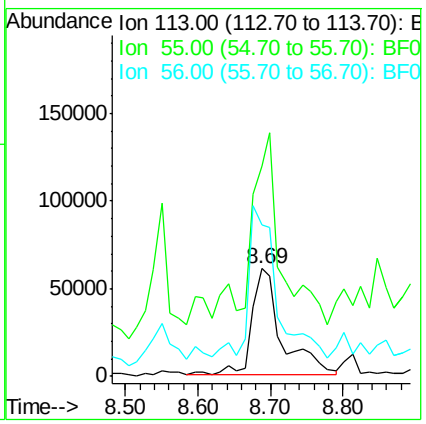





#35
Caprolactam
Concen: 64.28 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:113 Resp: 173417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 195.0 | 152.7 | 192.7# |
| 56 | 140.2 | 109.0 | 149.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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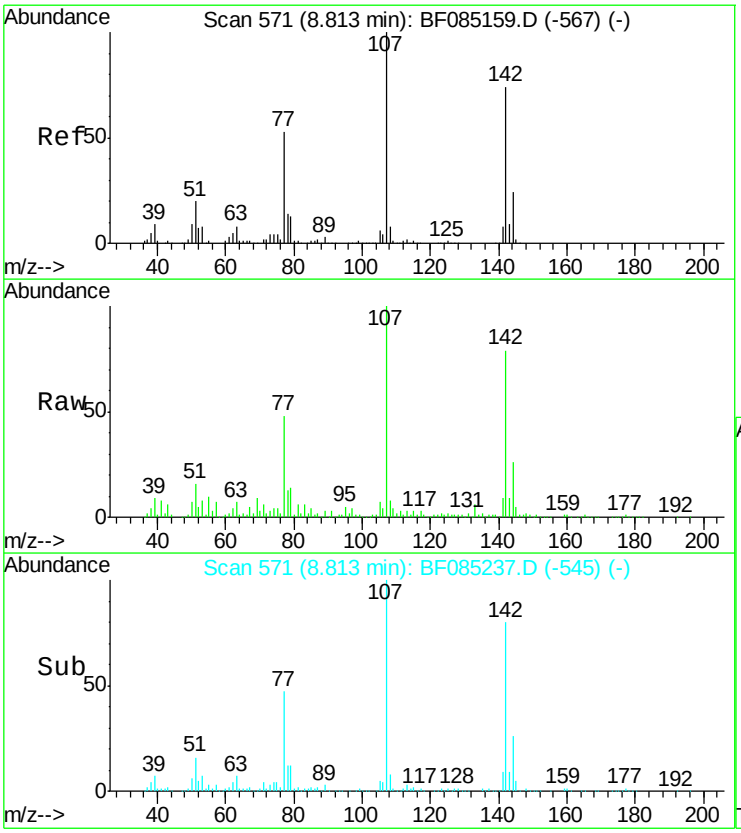
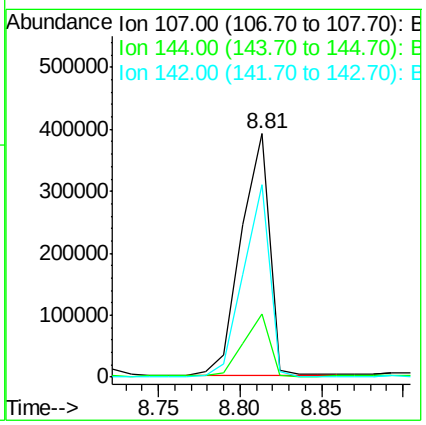
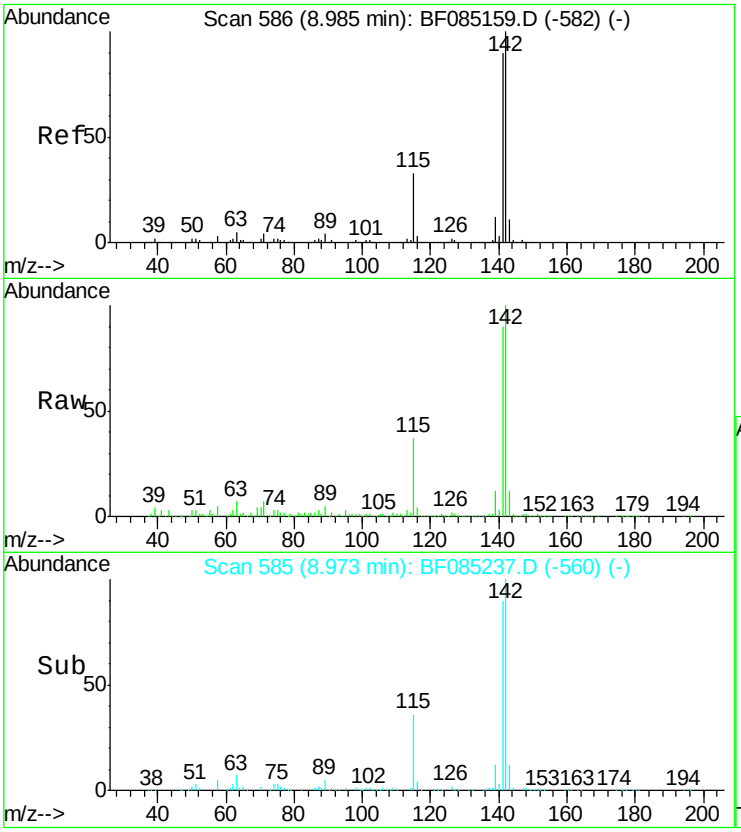



#36
4-Chloro-3-methylphenol
Concen: 50.02 ng
RT: 8.81 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:107 Resp: 468744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.1 | 19.4 | 29.2 |
| 142 | 79.3 | 59.4 | 89.2 |

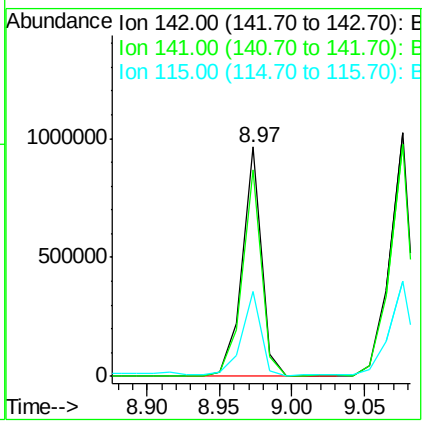





#37
2-Methylnaphthalene
Concen: 46.53 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:142 Resp: 890762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 71.7 | 107.5 |
| 115 | 36.8 | 26.2 | 39.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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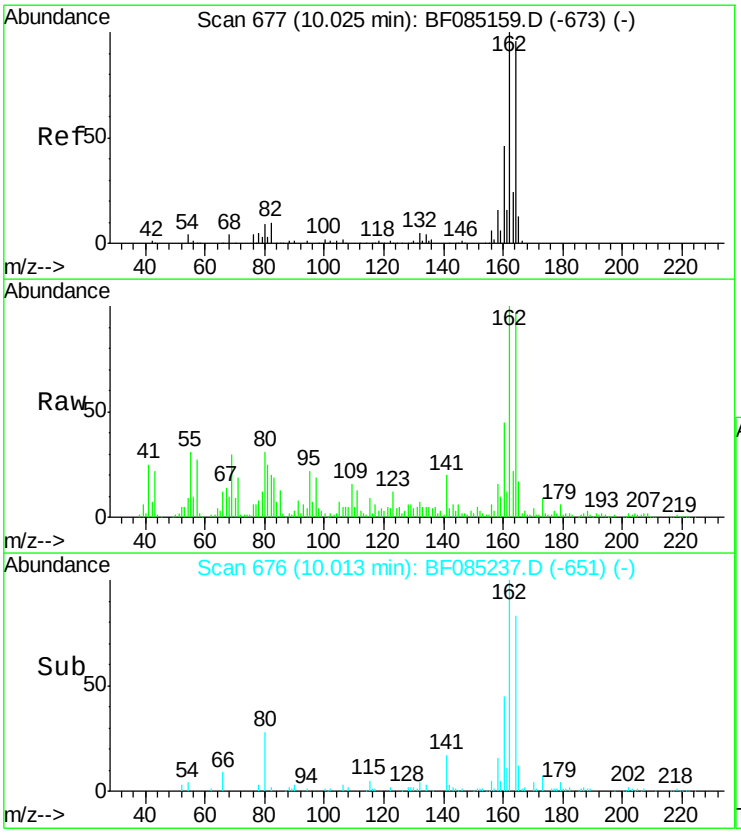
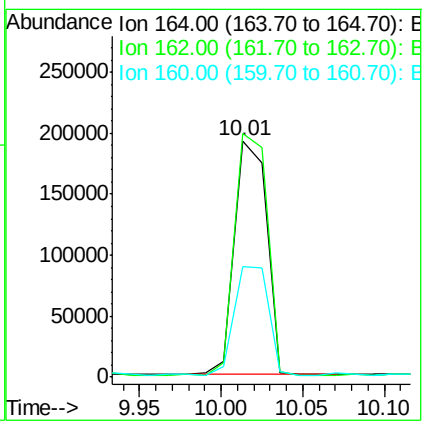
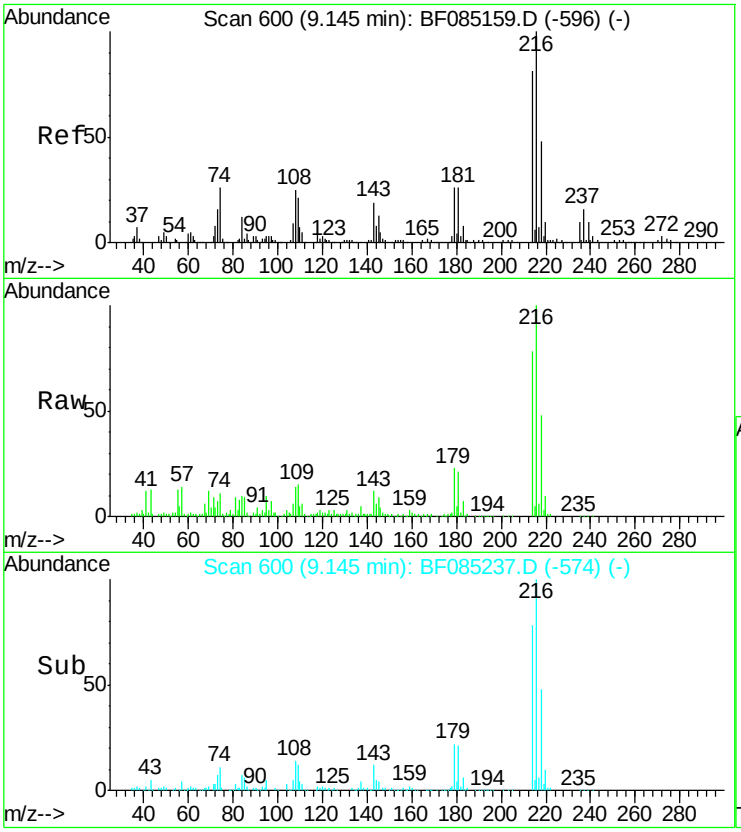



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:164 Resp: 261331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.9 | 83.3 | 124.9 |
| 160 | 46.5 | 37.9 | 56.9 |

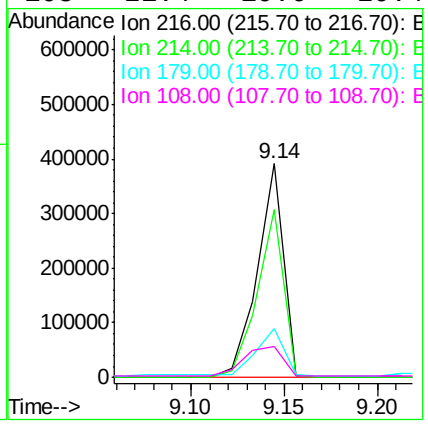





#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.42 ng
RT: 9.14 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:216 Resp: 376856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.8 | 95.6 |
| 179 | 26.9 | 19.6 | 29.4 |
| 108 | 21.4 | 19.6 | 29.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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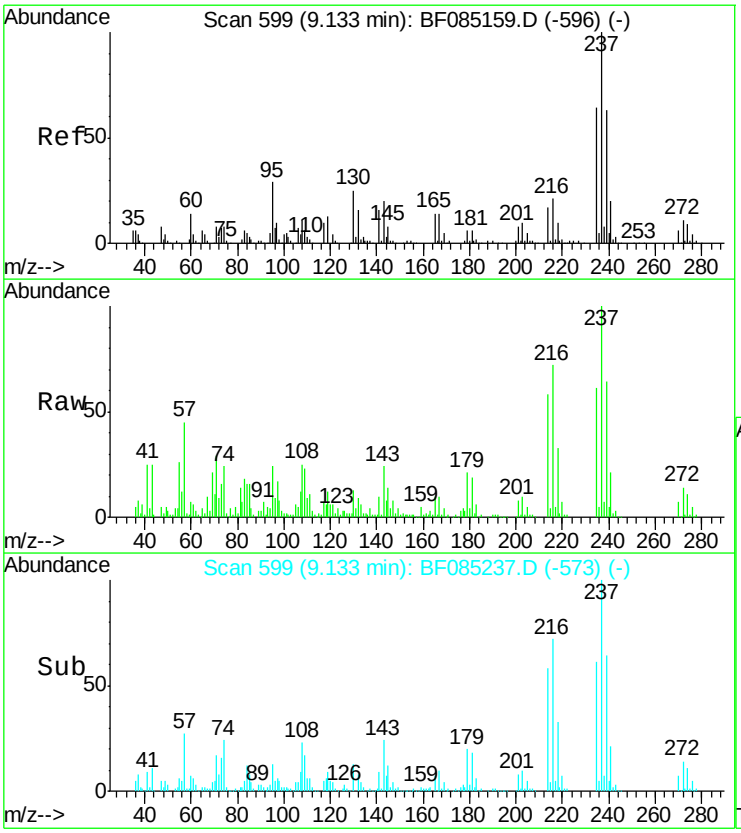
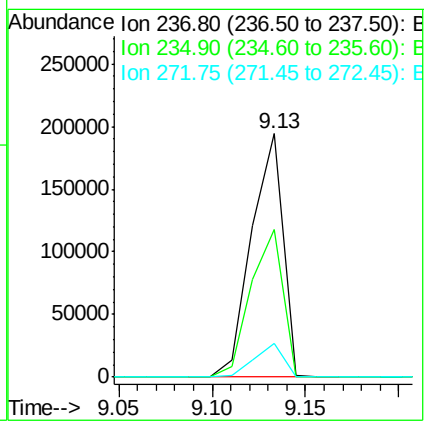
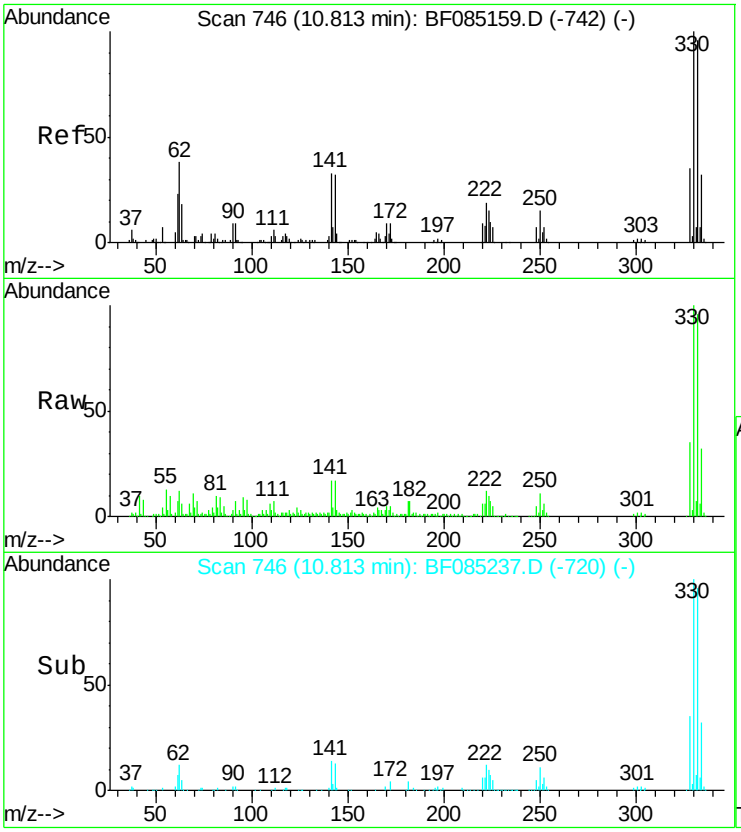



#40
Hexachlorocyclopentadiene
Concen: 56.15 ng
RT: 9.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:237 Resp: 226348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.8 | 43.7 | 83.7 |
| 272 | 14.1 | 0.0 | 31.5 |

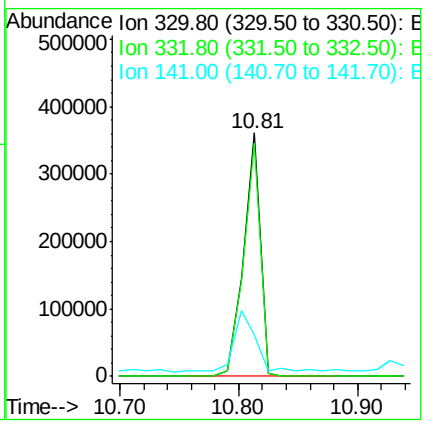





#41
2,4,6-Tribromophenol
Concen: 159.88 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:330 Resp: 357499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.1 | 115.7 |
| 141 | 32.7 | 35.0 | 52.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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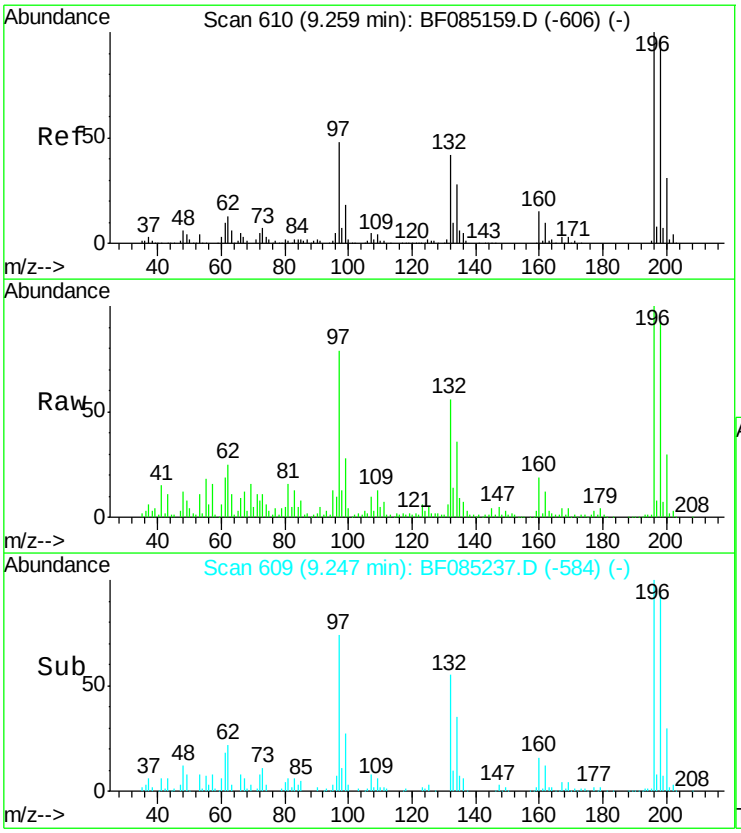
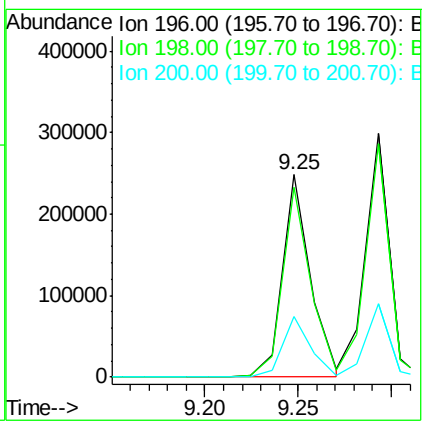
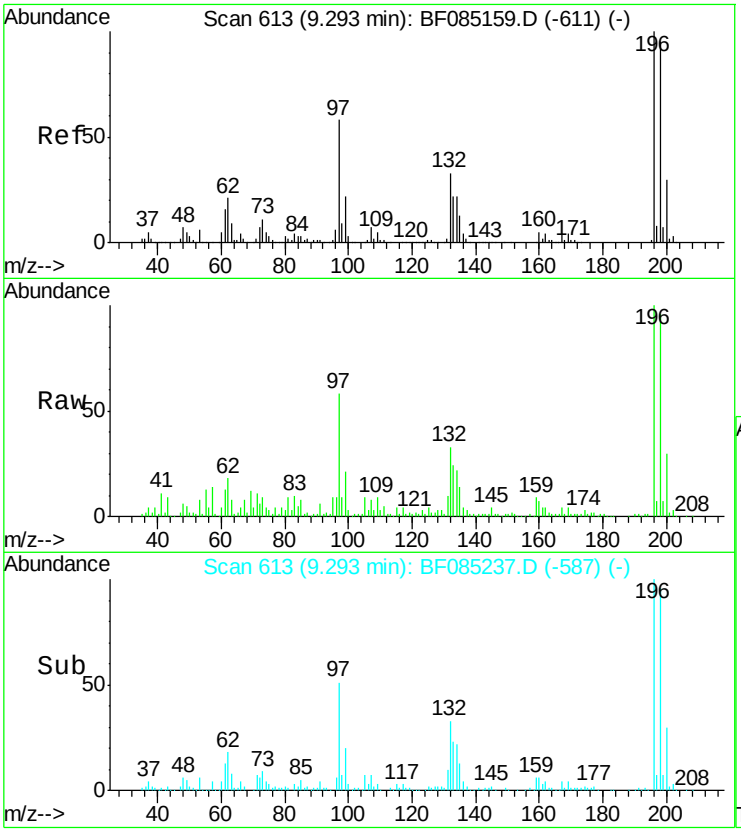



#42
2,4,6-Trichlorophenol
Concen: 46.69 ng
RT: 9.25 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:196 Resp: 259740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.5 | 77.8 | 116.6 |
| 200 | 29.9 | 25.0 | 37.6 |

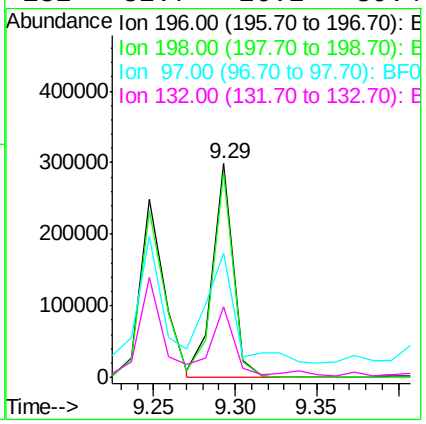





#43
2,4,5-Trichlorophenol
Concen: 49.50 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:196 Resp: 261122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.7 | 75.7 | 113.5 |
| 97 | 57.9 | 46.4 | 69.6 |
| 132 | 32.7 | 26.2 | 39.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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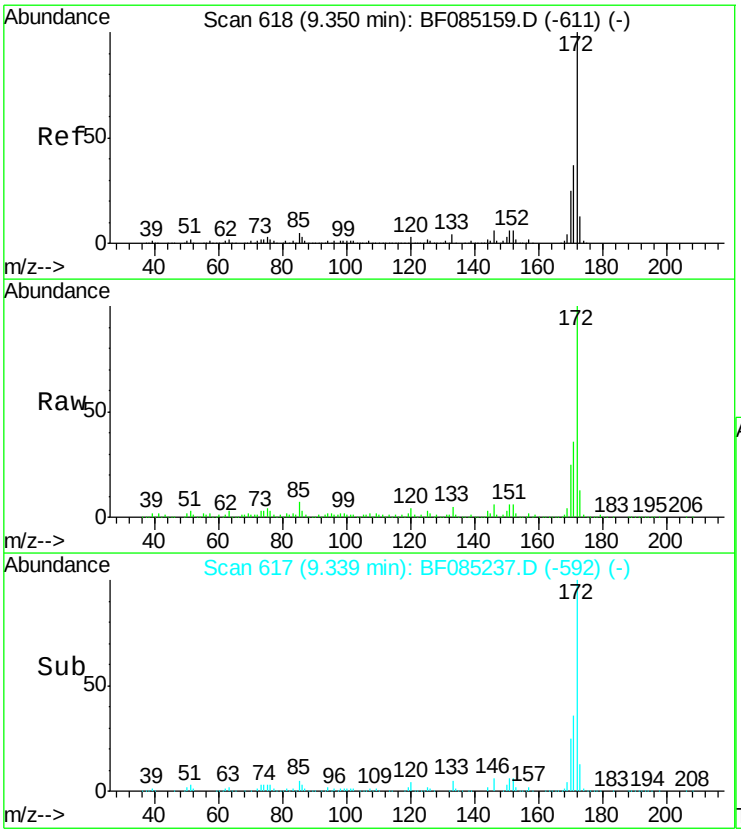
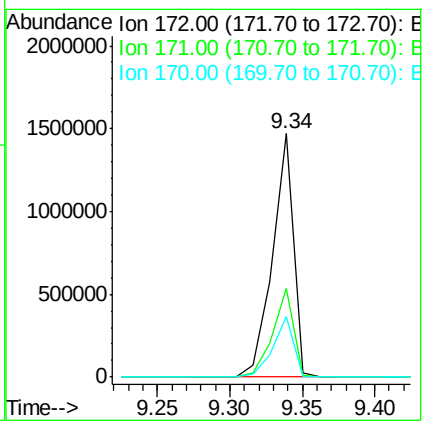
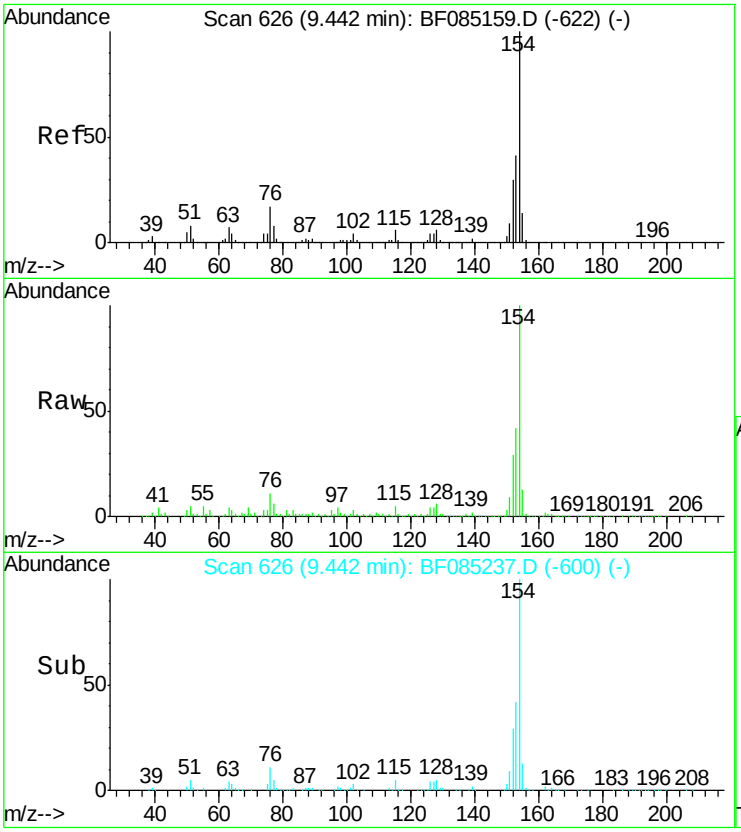



#44
2-Fluorobiphenyl
Concen: 85.58 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:172 Resp: 1470636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.3 | 43.9 |
| 170 | 24.6 | 20.0 | 30.0 |

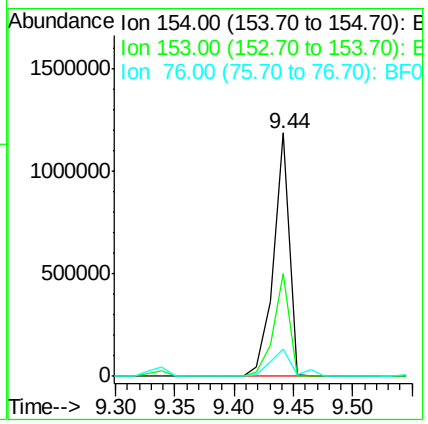





#45
1,1'-Biphenyl
Concen: 49.27 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:154 Resp: 1099926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.1 | 21.4 | 61.4 |
| 76 | 11.4 | 0.0 | 37.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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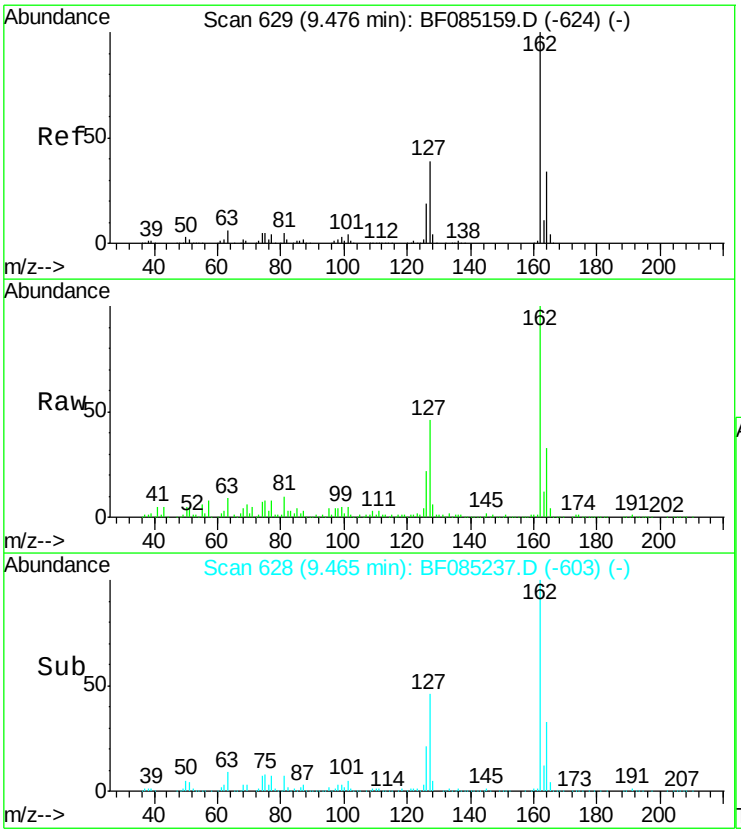
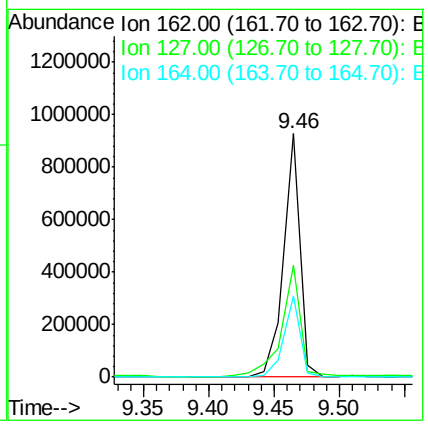
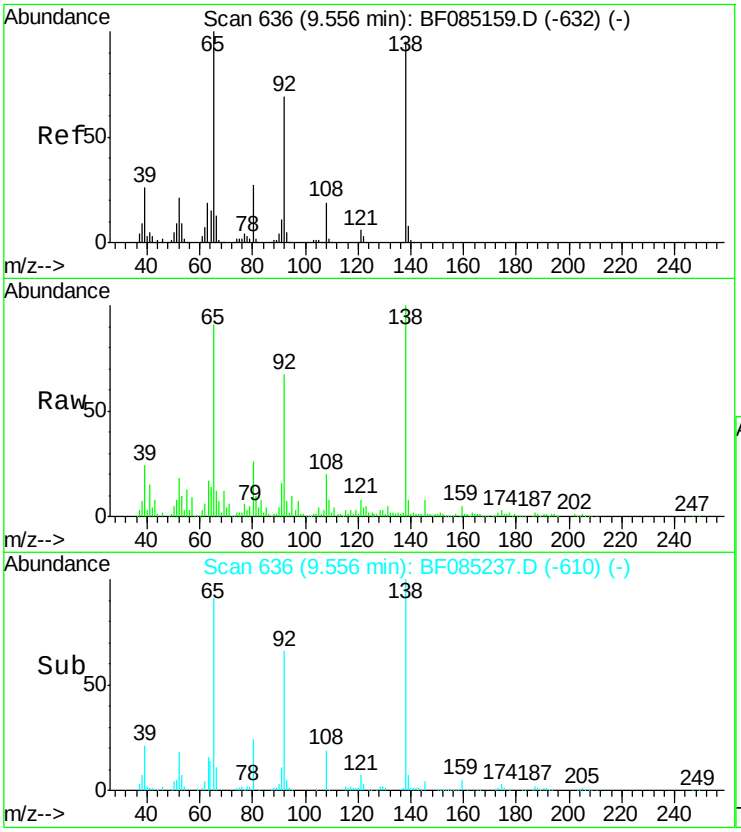



#46
2-Chloronaphthalene
Concen: 48.52 ng
RT: 9.46 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:162 Resp: 825793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 46.0 | 31.6 | 47.4 |
| 164 | 33.4 | 27.1 | 40.7 |

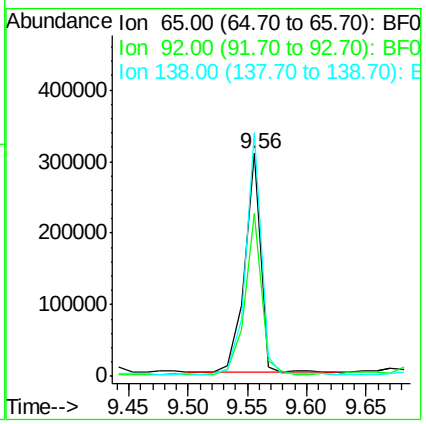





#47
2-Nitroaniline
Concen: 55.17 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 65 Resp: 290951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 73.1 | 55.4 | 83.2 |
| 138 | 109.4 | 75.7 | 113.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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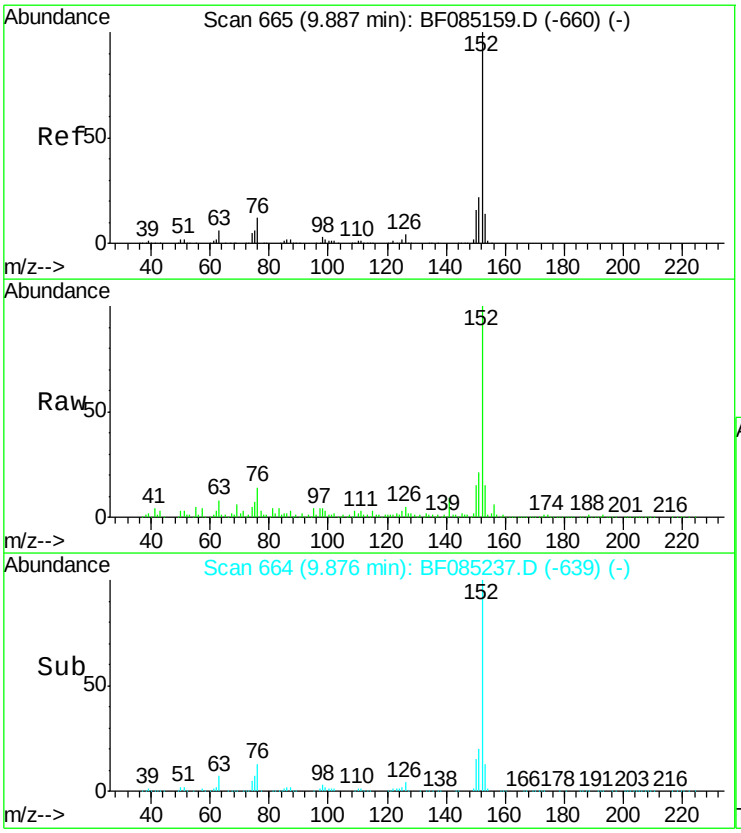
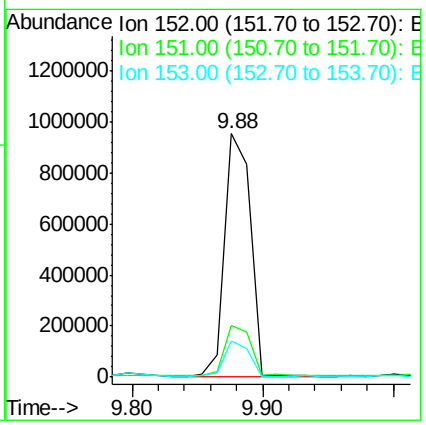
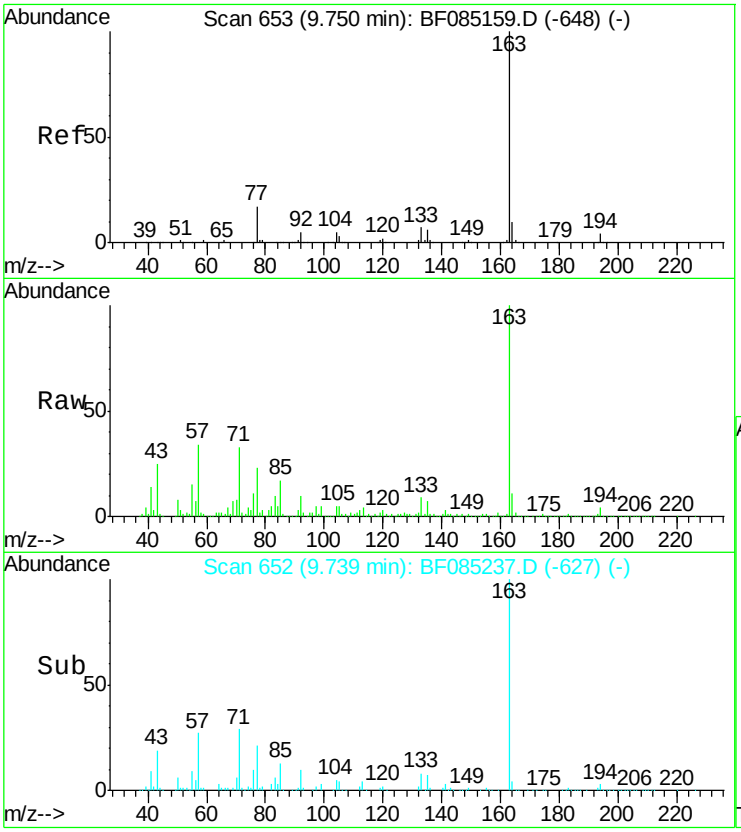



#48
Acenaphthylene
Concen: 48.91 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:152 Resp: 1295478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.1 | 17.5 | 26.3 |
| 153 | 15.1 | 11.3 | 16.9 |

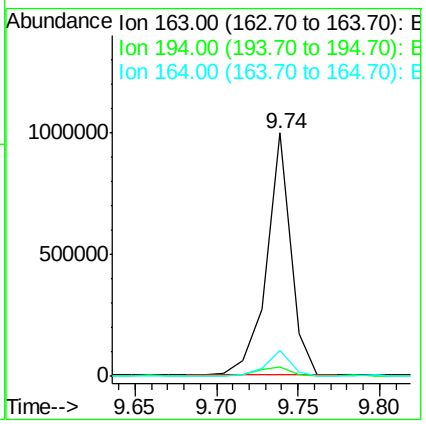





#49
Dimethylphthalate
Concen: 51.51 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:163 Resp: 1033121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.1 | 4.7 |
| 164 | 10.7 | 8.2 | 12.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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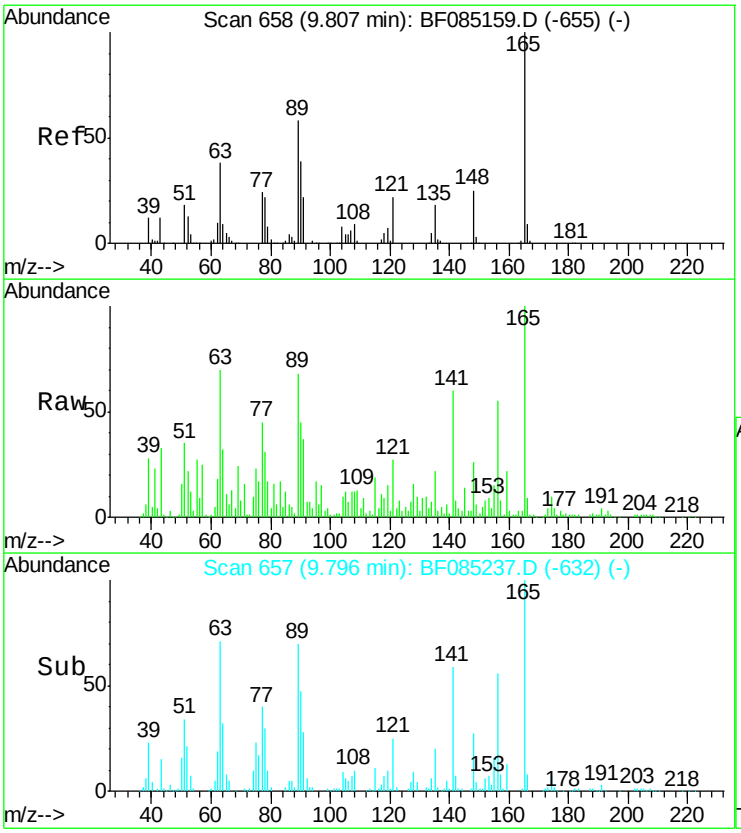
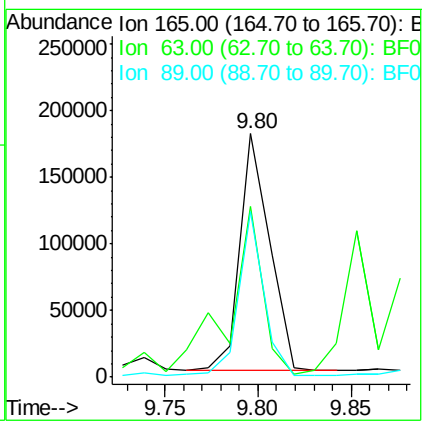
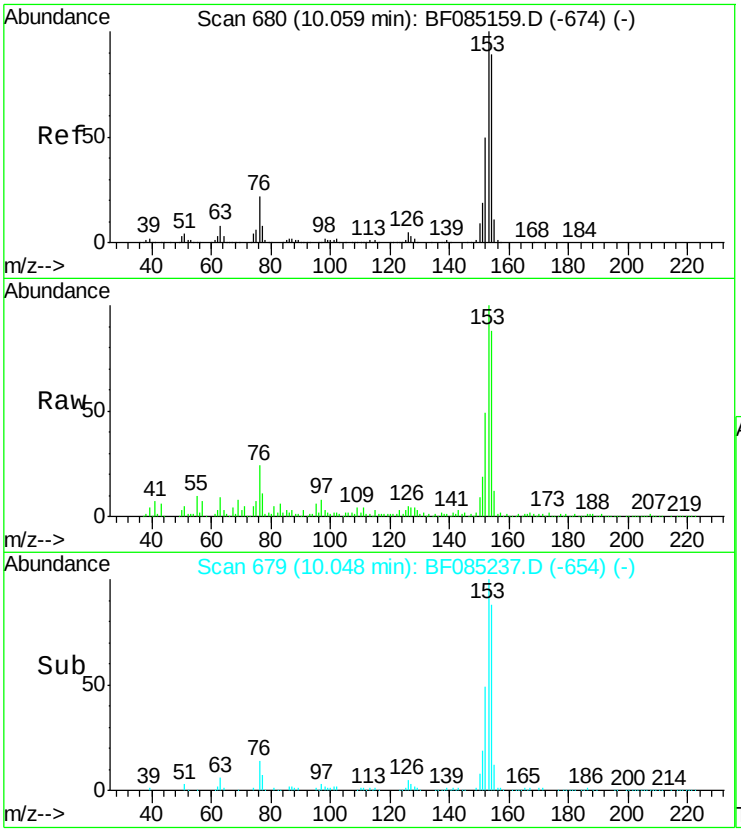



#50
2,6-Dinitrotoluene
Concen: 46.03 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:165 Resp: 197512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 69.9 | 41.8 | 62.8# |
| 89 | 68.0 | 46.7 | 70.1 |

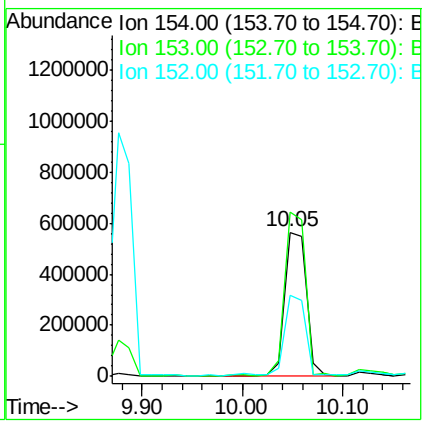





#51
Acenaphthene
Concen: 52.14 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:154 Resp: 838550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.1 | 89.8 | 134.8 |
| 152 | 56.5 | 44.6 | 66.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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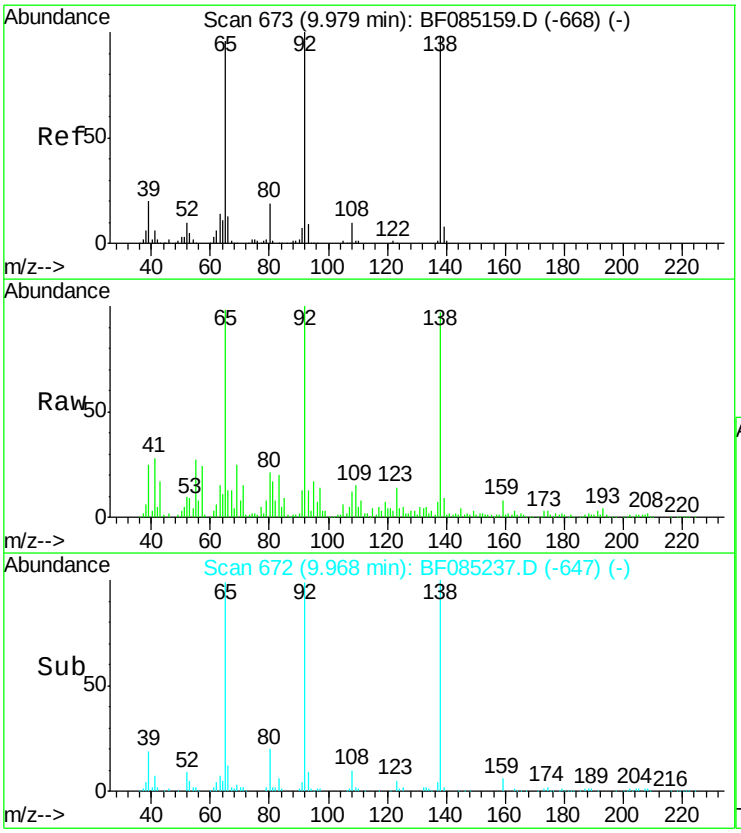
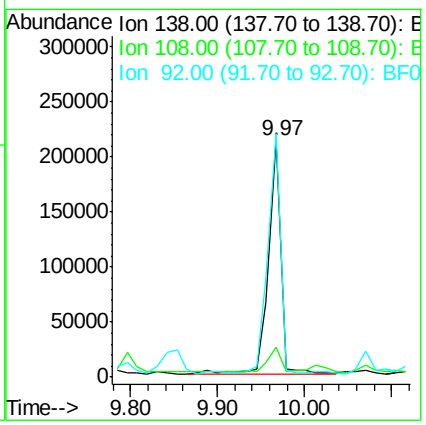
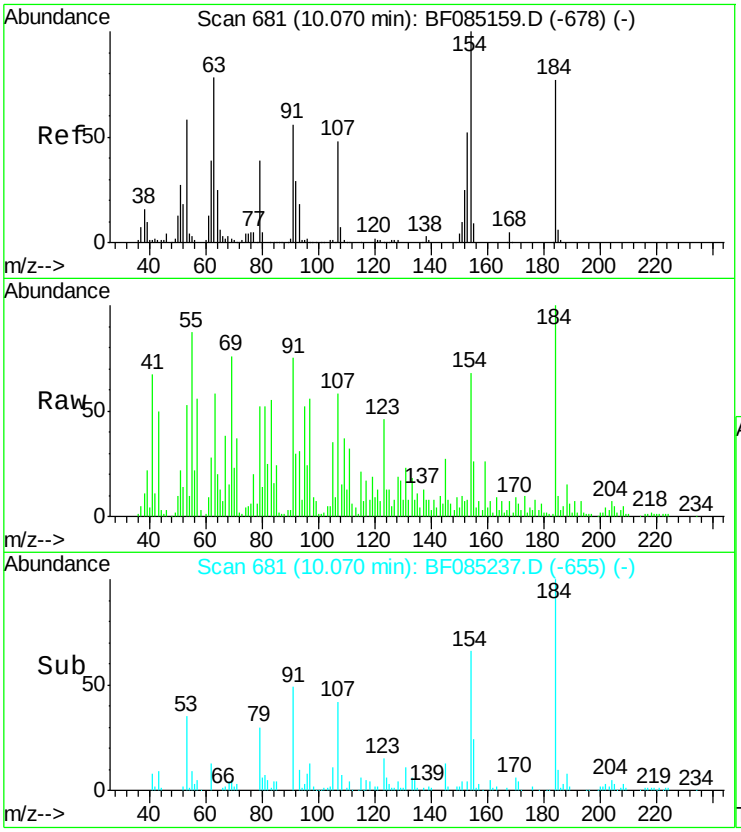



#52
3-Nitroaniline
Concen: 40.63 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:138 Resp: 208584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.5 | 7.8 | 11.6# |
| 92 | 102.7 | 81.3 | 121.9 |

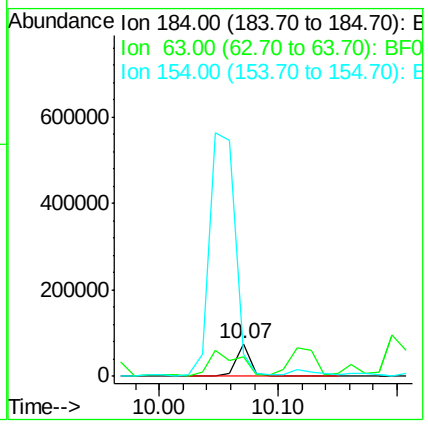





#53
2,4-Dinitrophenol
Concen: 34.00 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:184 Resp: 62867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.9 | 82.2 | 123.4# |
| 154 | 67.8 | 108.9 | 163.3# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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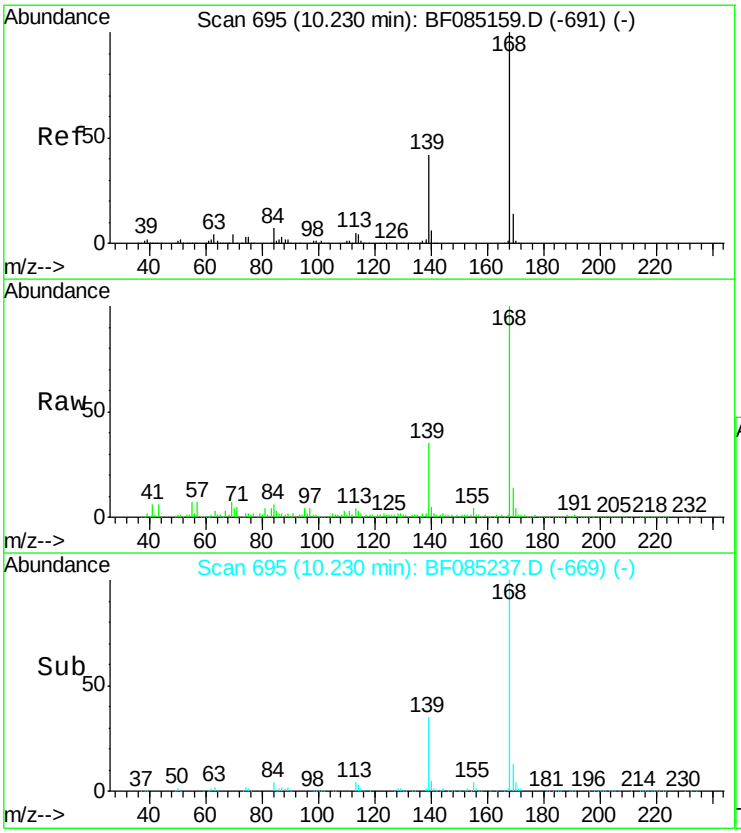
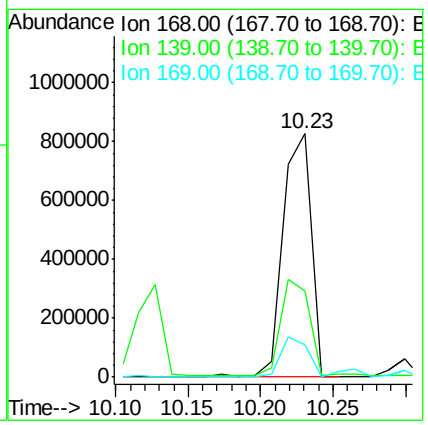
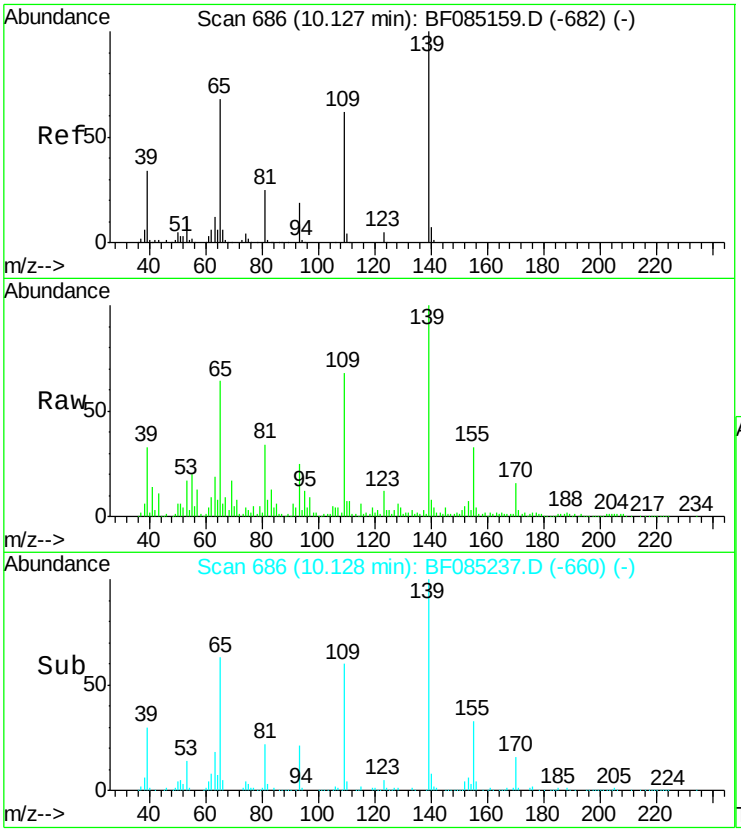



#54
Dibenzofuran
Concen: 52.70 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:168 Resp: 1110426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.3 | 33.6 | 50.4 |
| 169 | 13.5 | 11.2 | 16.8 |

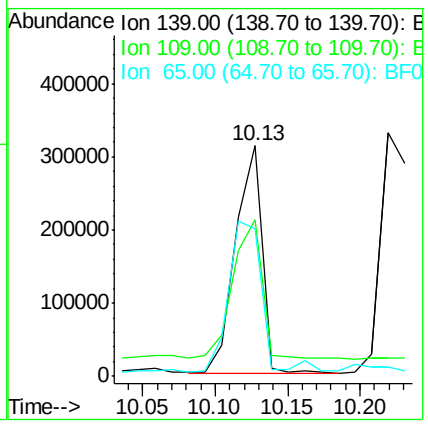





#55
4-Nitrophenol
Concen: 98.47 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:139 Resp: 397262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.1 | 41.9 | 81.9 |
| 65 | 64.2 | 48.3 | 88.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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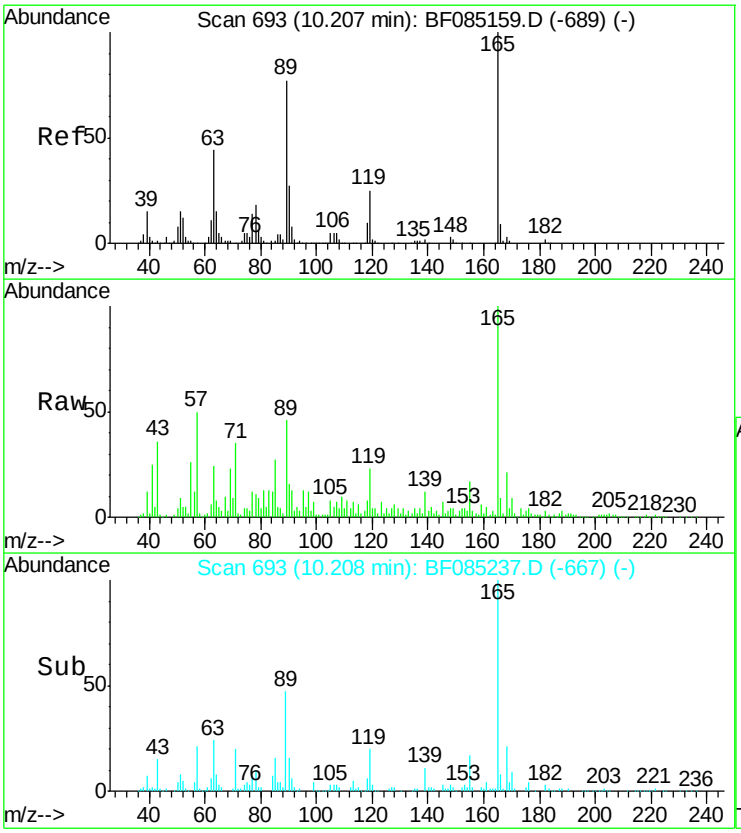
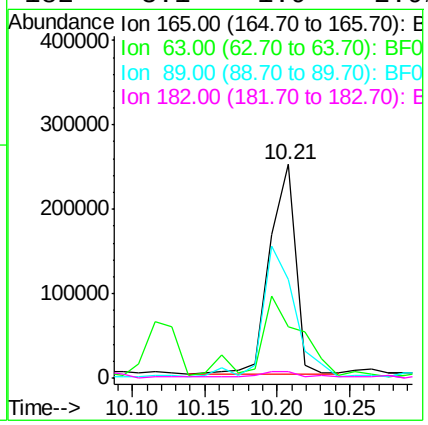
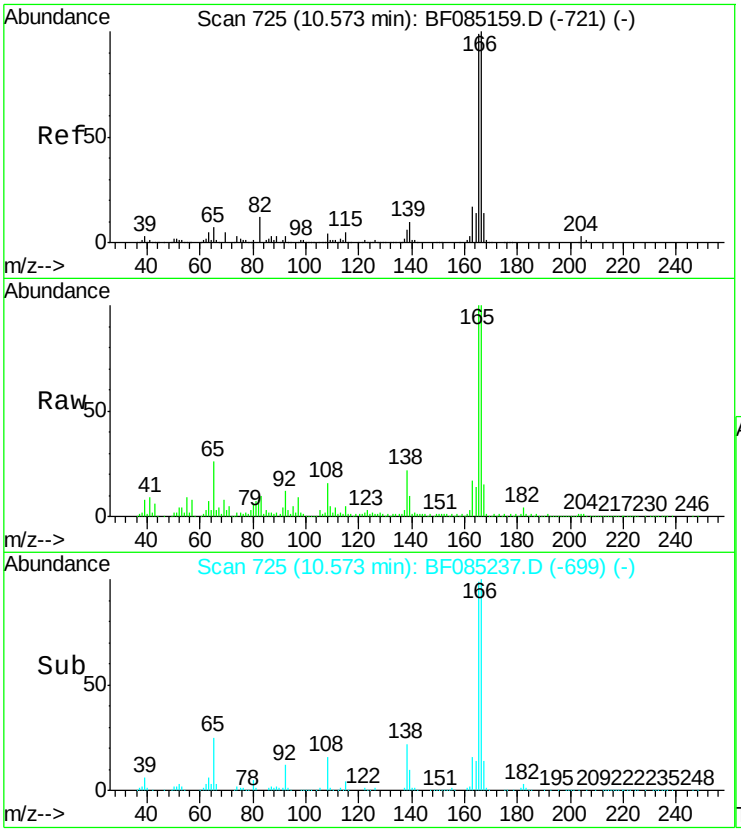



#56
2,4-Dinitrotoluene
Concen: 55.30 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:165 Resp: 303679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 23.9 | 35.4 | 53.0# |
| 89 | 46.1 | 61.9 | 92.9# |
| 182 | 3.1 | 1.9 | 2.9# |

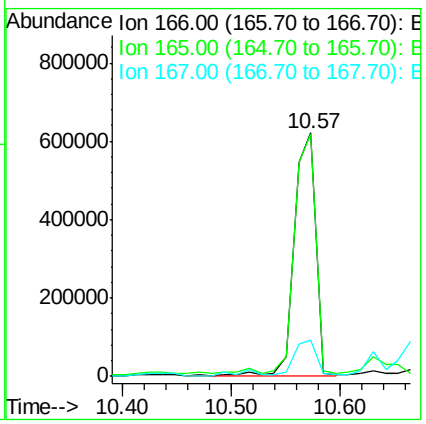





#57
Fluorene
Concen: 51.71 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:166 Resp: 855843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.6 | 79.4 | 119.0 |
| 167 | 14.7 | 11.0 | 16.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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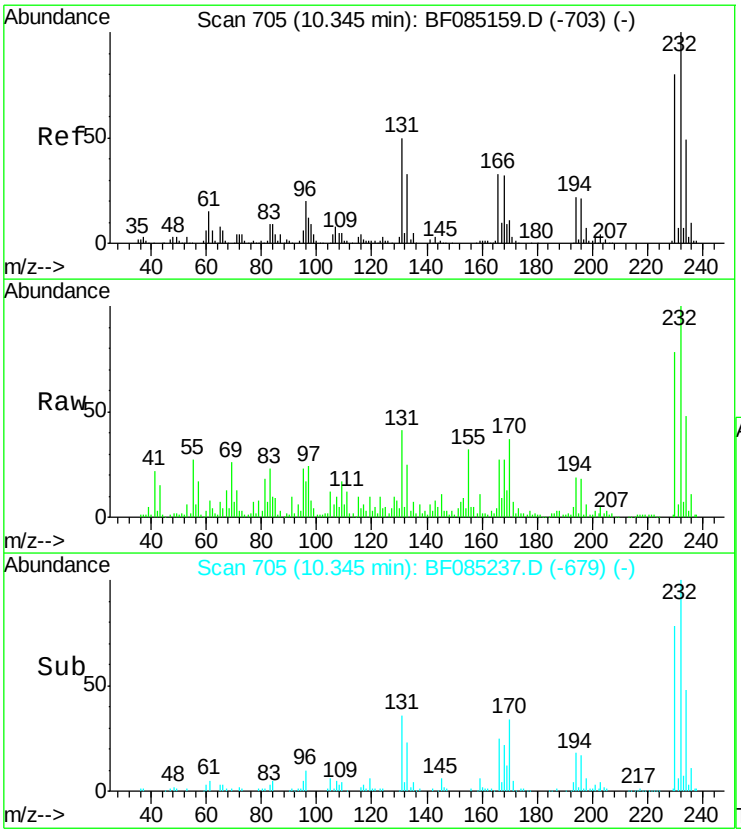
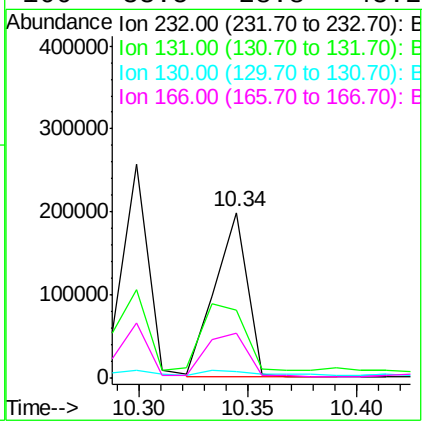
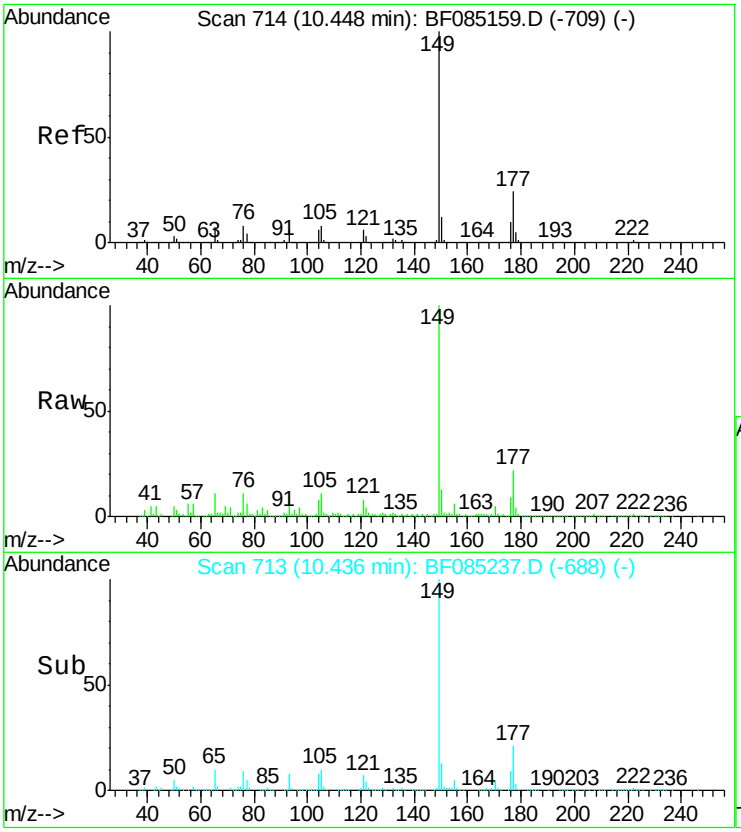



#58
2,3,4,6-Tetrachlorophenol
Concen: 55.60 ng
RT: 10.34 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:232 Resp: 206026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 56.4 | 46.0 | 69.0 |
| 130 | 7.6 | 2.2 | 3.4# |
| 166 | 33.5 | 28.8 | 43.2 |

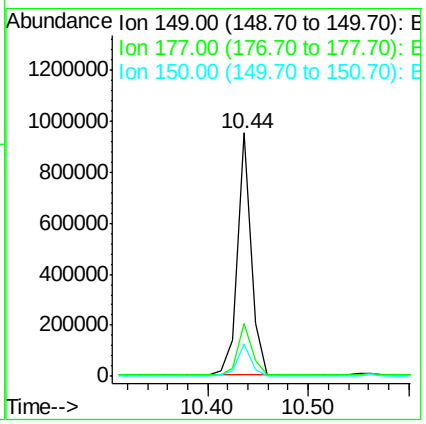





#59
Diethylphthalate
Concen: 46.11 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:149 Resp: 897509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 19.2 | 28.8 |
| 150 | 13.3 | 9.9 | 14.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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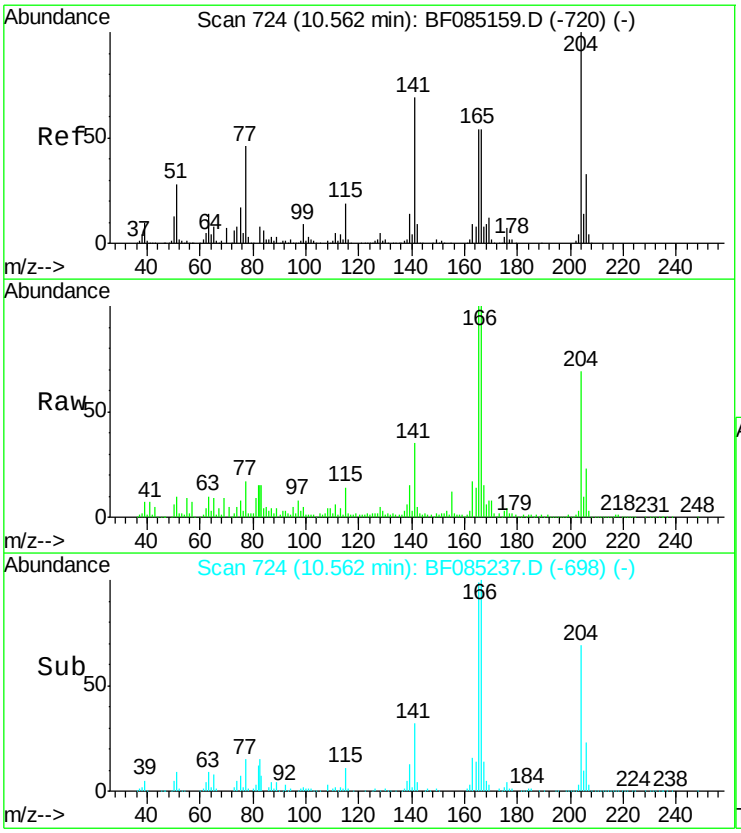
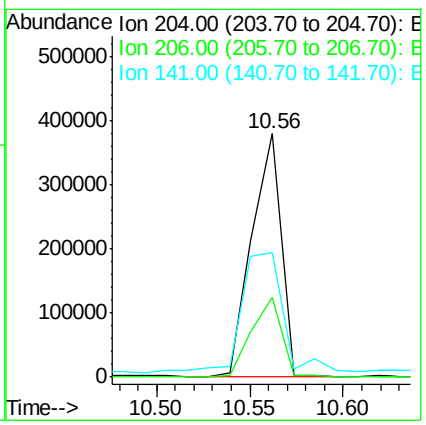
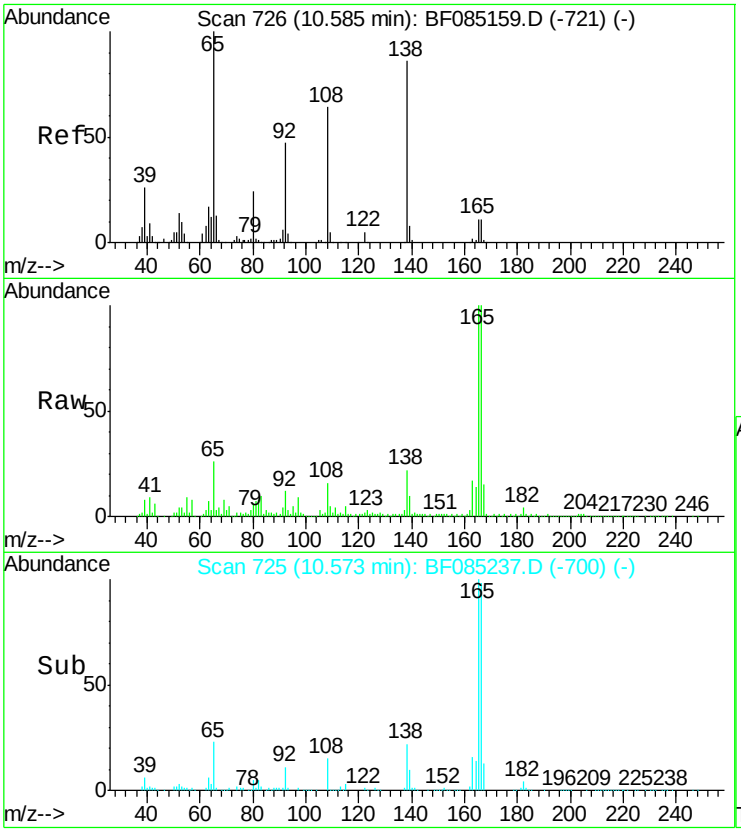



#60
4-Chlorophenyl-phenylether
Concen: 50.78 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:204 Resp: 408911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.5 | 39.7 |
| 141 | 51.1 | 55.4 | 83.2# |

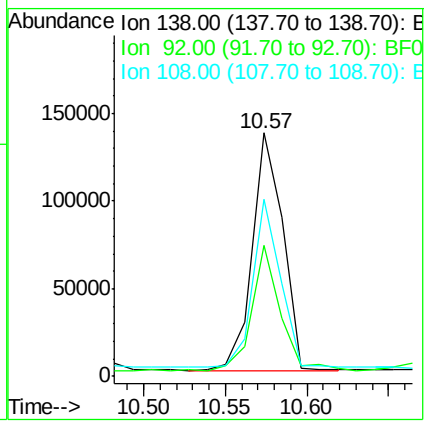





#61
4-Nitroaniline
Concen: 36.69 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:138 Resp: 176177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.6 | 34.2 | 74.2 |
| 108 | 72.6 | 53.9 | 93.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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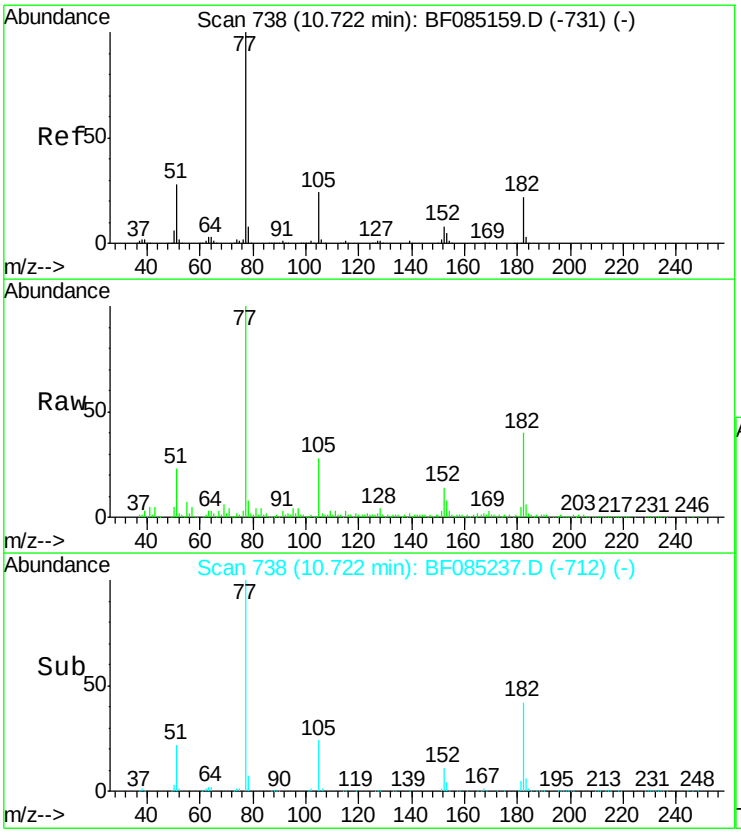
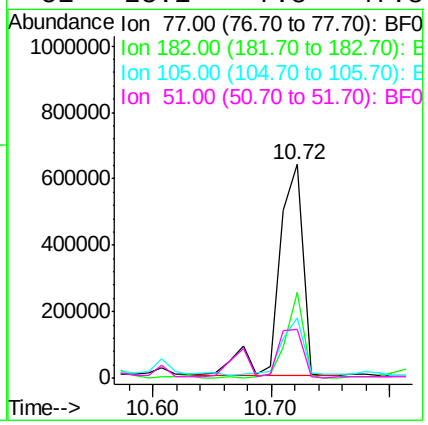
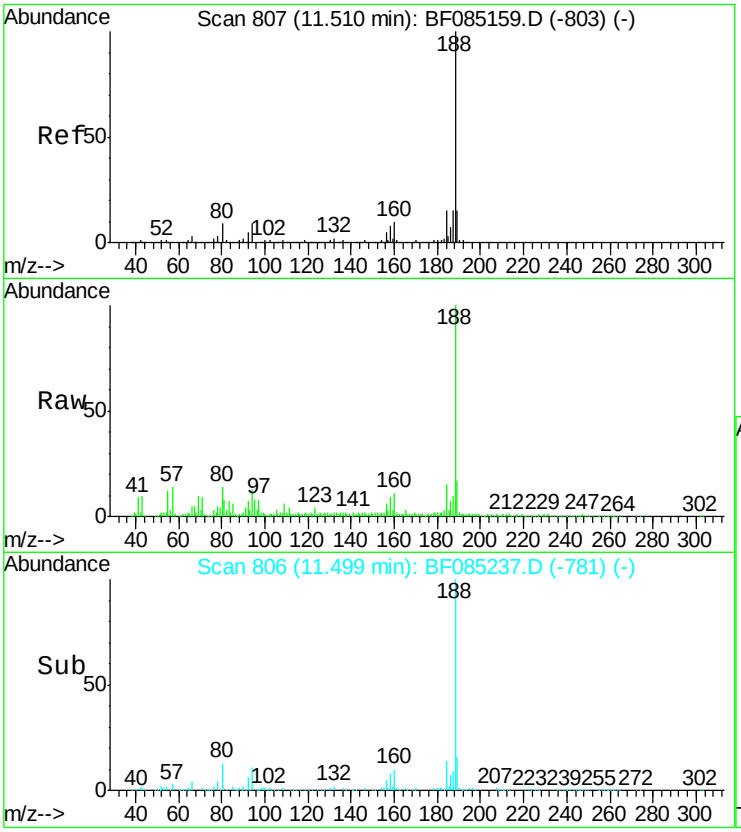



#62
Azobenzene
Concen: 46.43 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion: 77 Resp: 890355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 40.2 | 2.1 | 42.1 |
| 105 | 27.9 | 3.8 | 43.8 |
| 51 | 23.1 | 7.8 | 47.8 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:188 Resp: 397362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.7 | 7.0 | 10.6# |
| 80 | 14.3 | 7.4 | 11.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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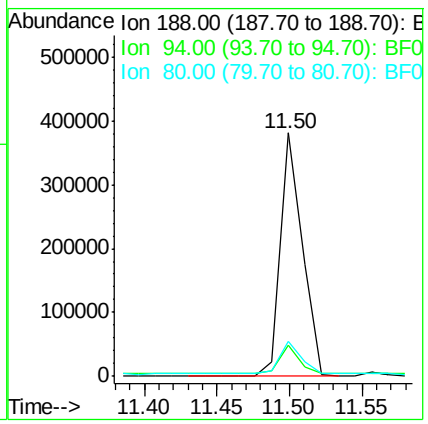
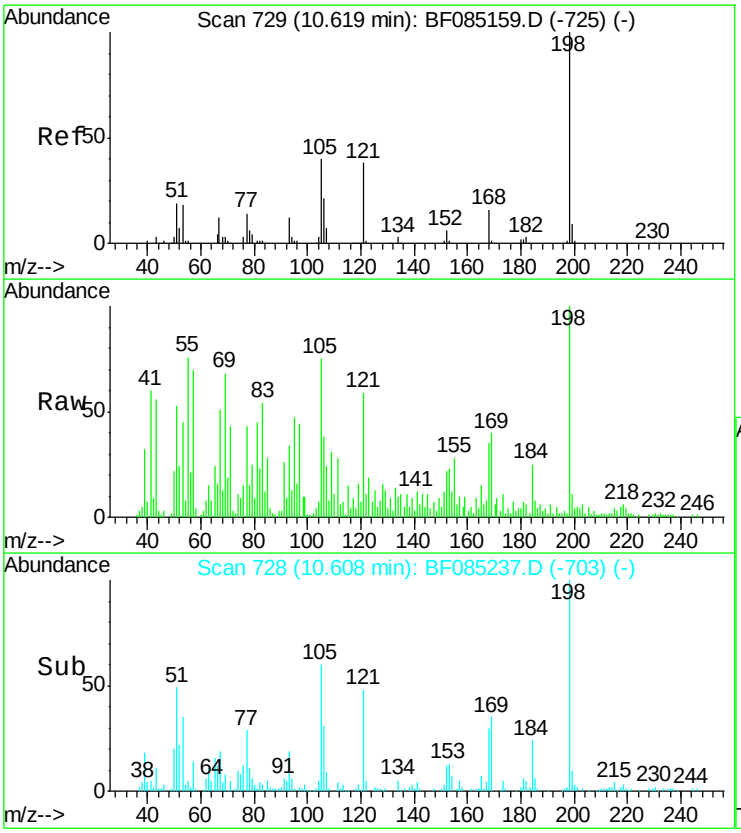
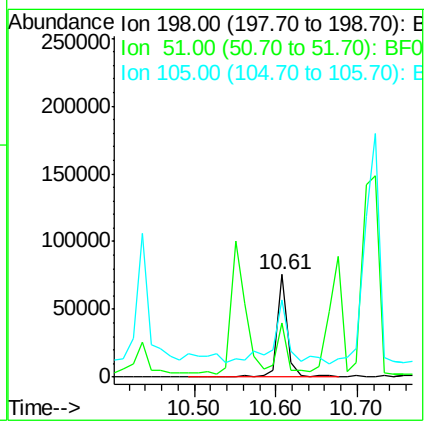


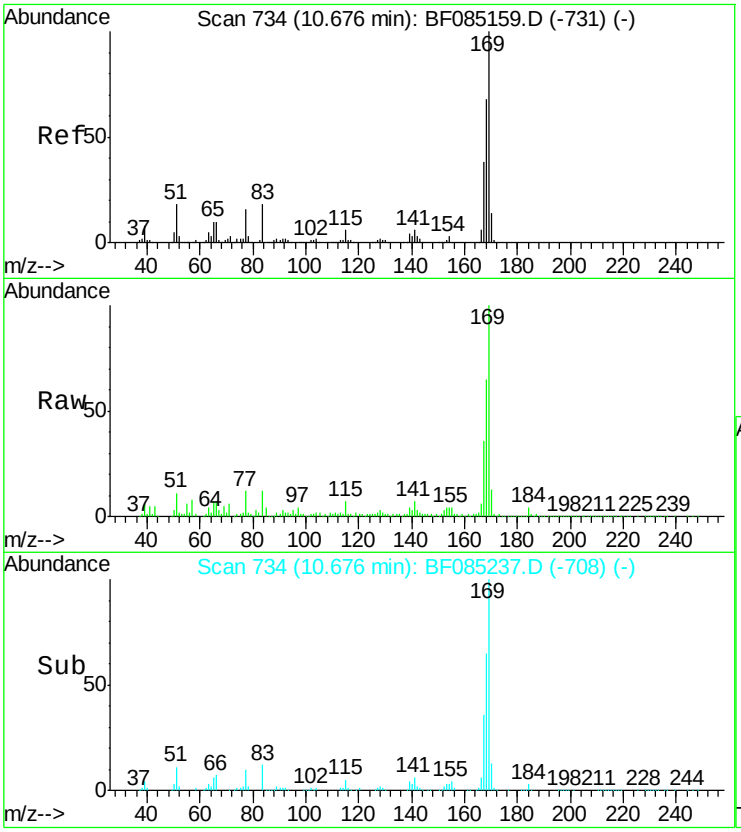




#64
4,6-Dinitro-2-methylphenol
Concen: 28.93 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:198 Resp: 68825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.9 | 9.5 | 49.5# |
| 105 | 75.1 | 20.5 | 60.5# |

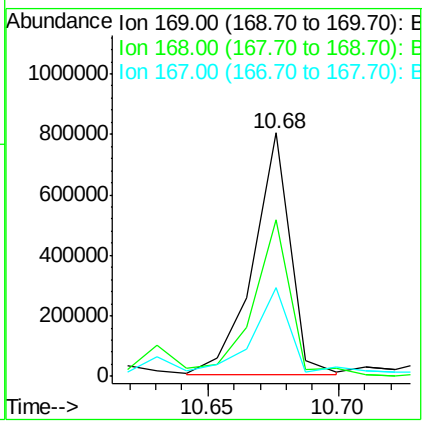





#65
n-Nitrosodiphenylamine
Concen: 64.91 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:169 Resp: 802277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.5 | 54.8 | 82.2 |
| 167 | 36.3 | 30.3 | 45.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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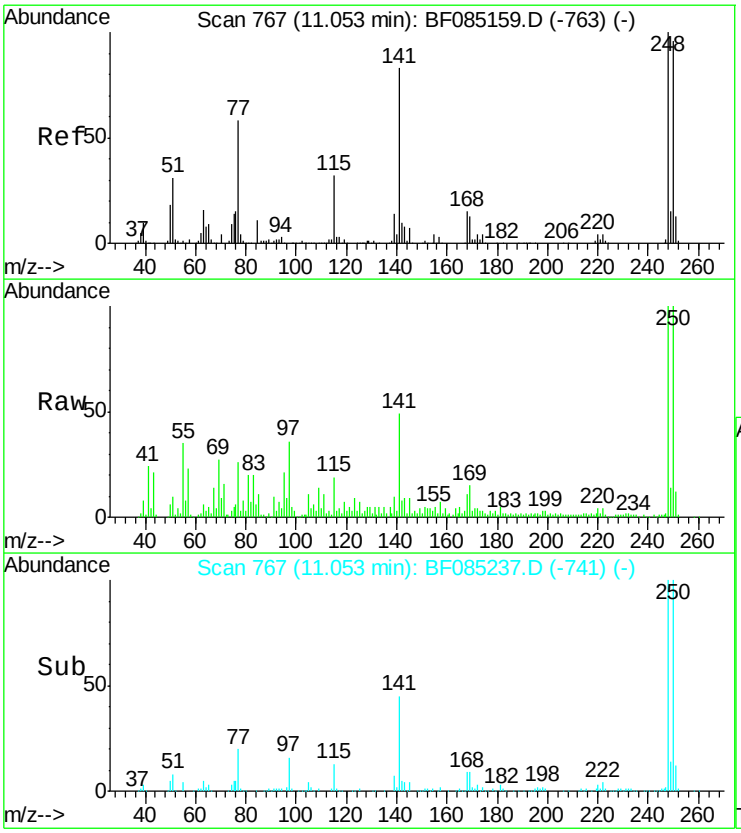
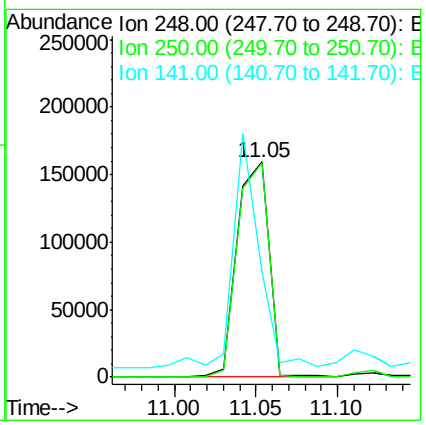
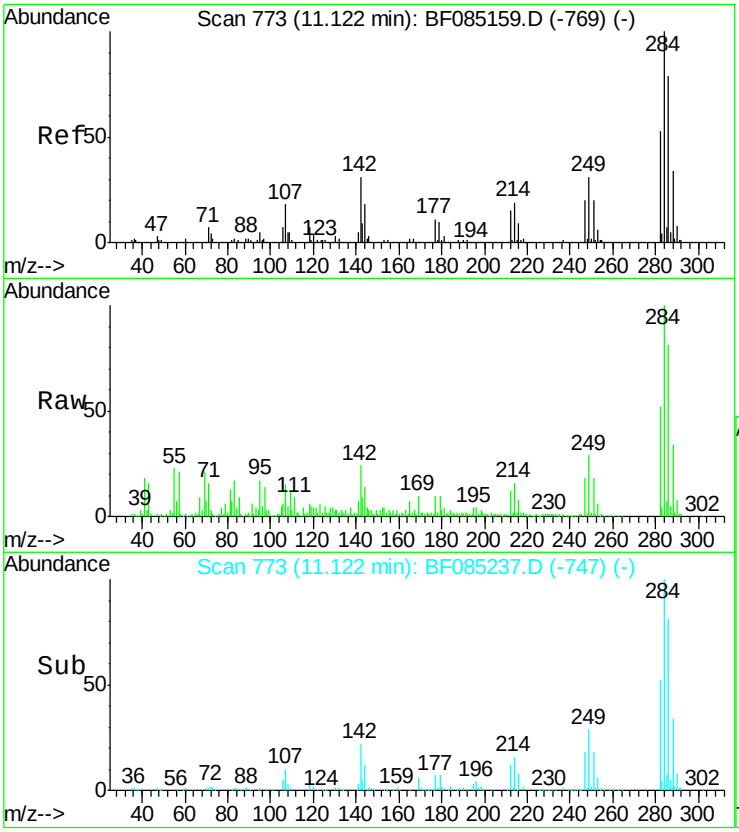



#66
4-Bromophenyl-phenylether
Concen: 55.31 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:248 Resp: 213423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.7 | 77.1 | 115.7 |
| 141 | 49.2 | 66.2 | 99.2# |

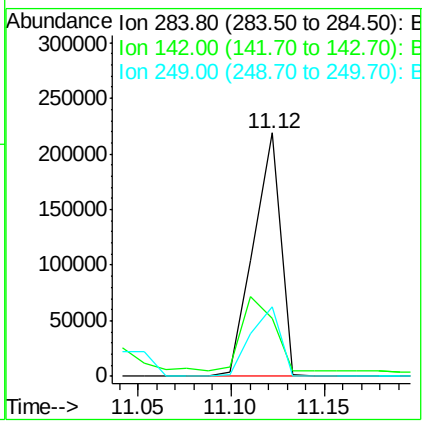





#67
Hexachlorobenzene
Concen: 54.76 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:284 Resp: 225404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.7 | 24.9 | 37.3# |
| 249 | 28.6 | 25.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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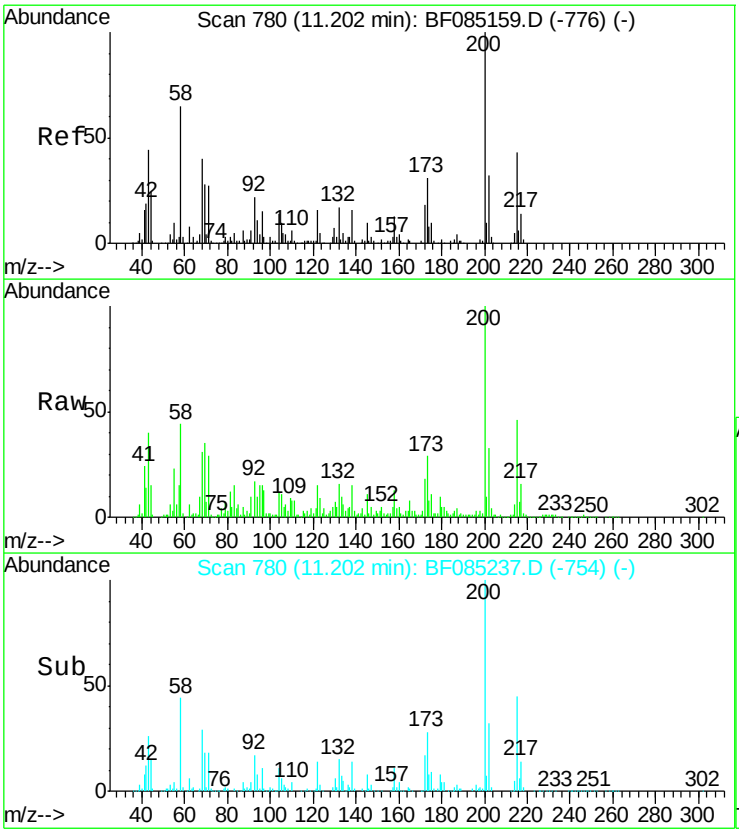
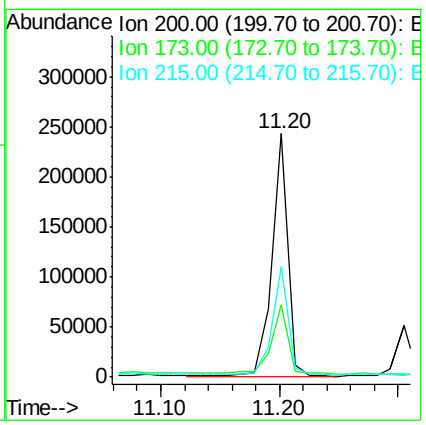
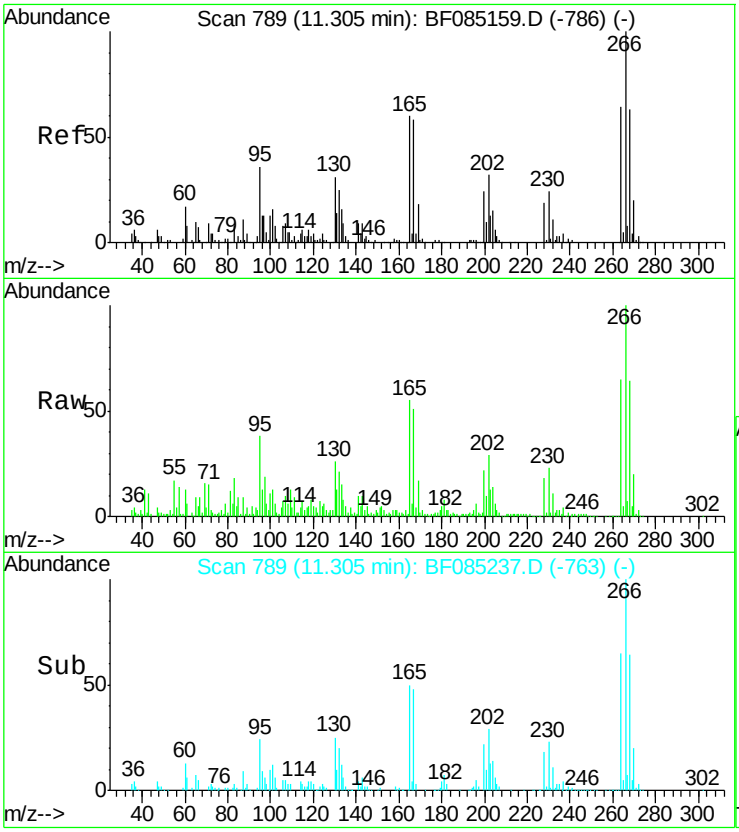



#68
Atrazine
Concen: 65.48 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:200 Resp: 225057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.4 | 10.5 | 50.5 |
| 215 | 45.5 | 23.4 | 63.4 |

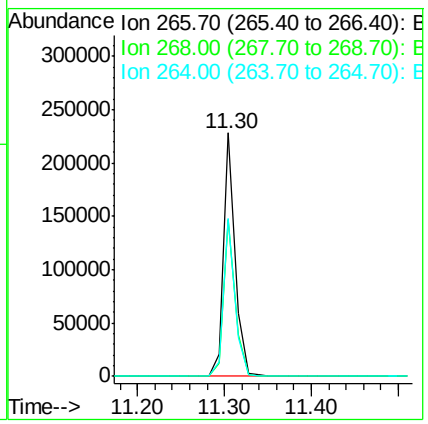





#69
Pentachlorophenol
Concen: 94.67 ng
RT: 11.30 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:266 Resp: 216305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 50.0 | 75.0 |
| 264 | 64.8 | 51.4 | 77.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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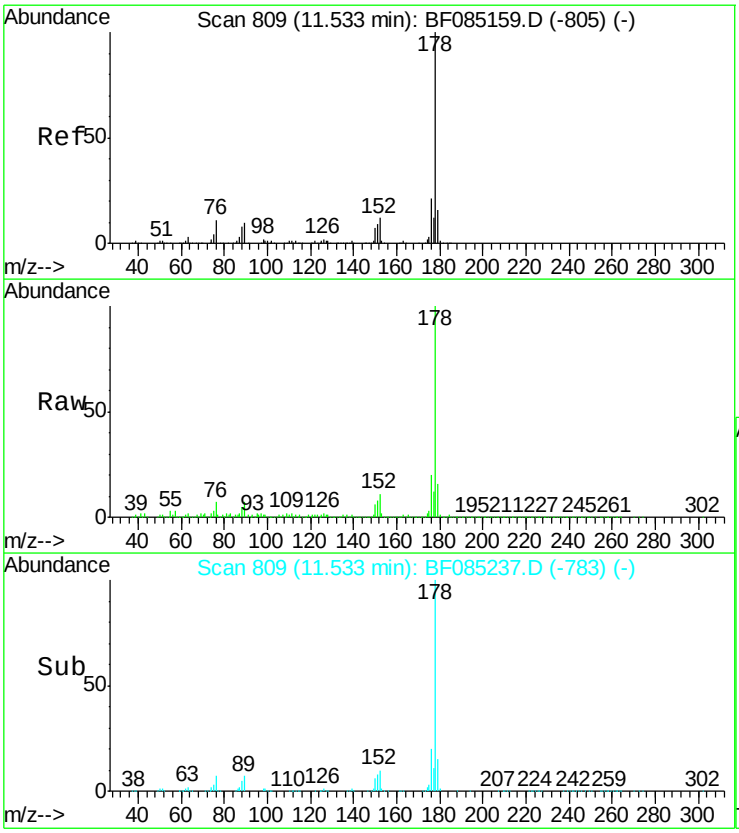
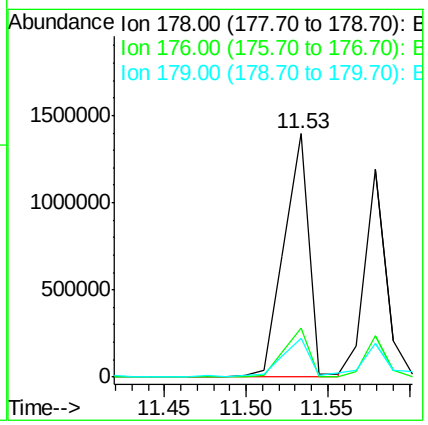
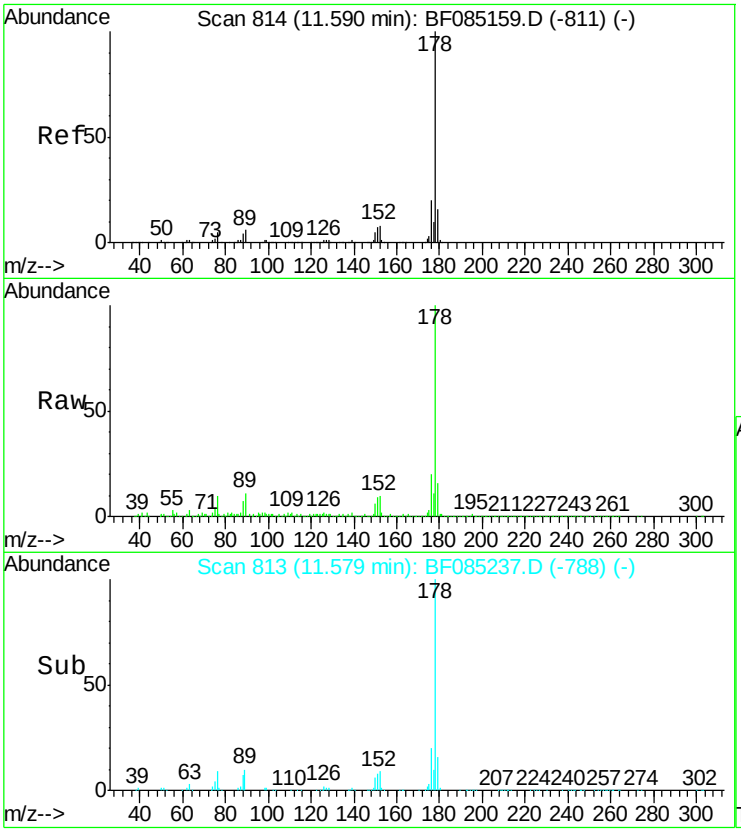



#70
Phenanthrene
Concen: 70.95 ng
RT: 11.53 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:178 Resp: 1477465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 16.8 | 25.2 |
| 179 | 16.0 | 13.1 | 19.7 |

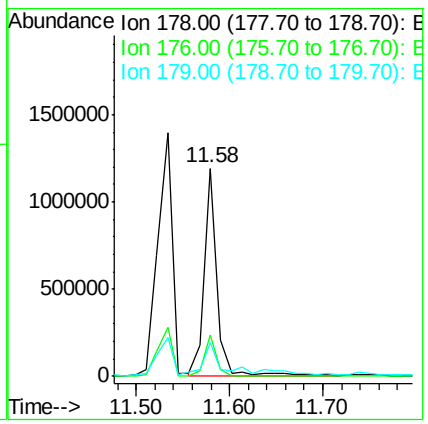





#71
Anthracene
Concen: 51.37 ng
RT: 11.58 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:178 Resp: 1135740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.9 | 23.9 |
| 179 | 16.3 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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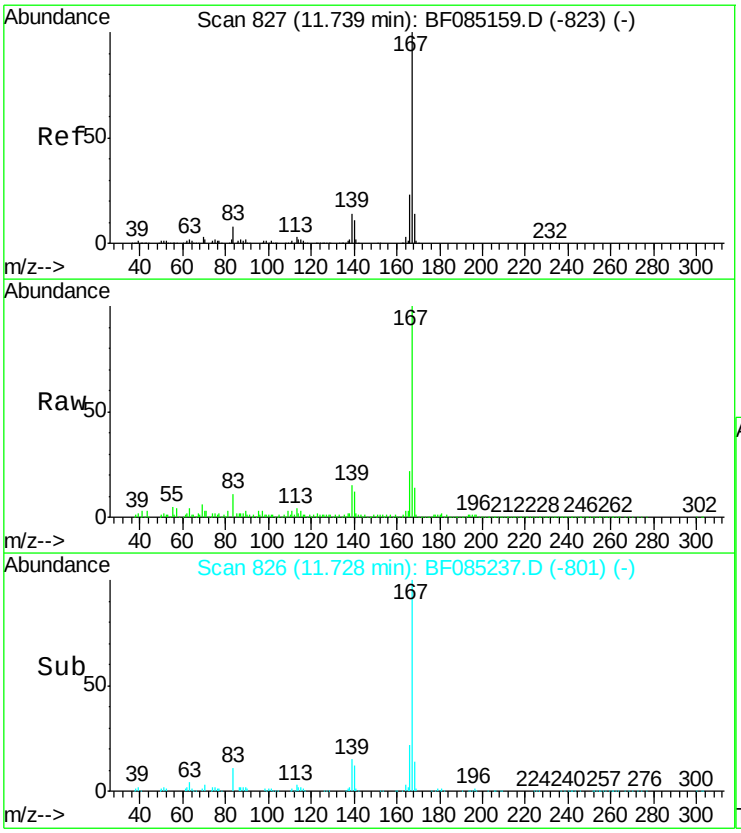
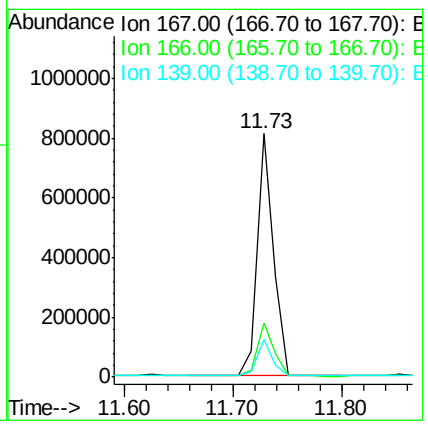
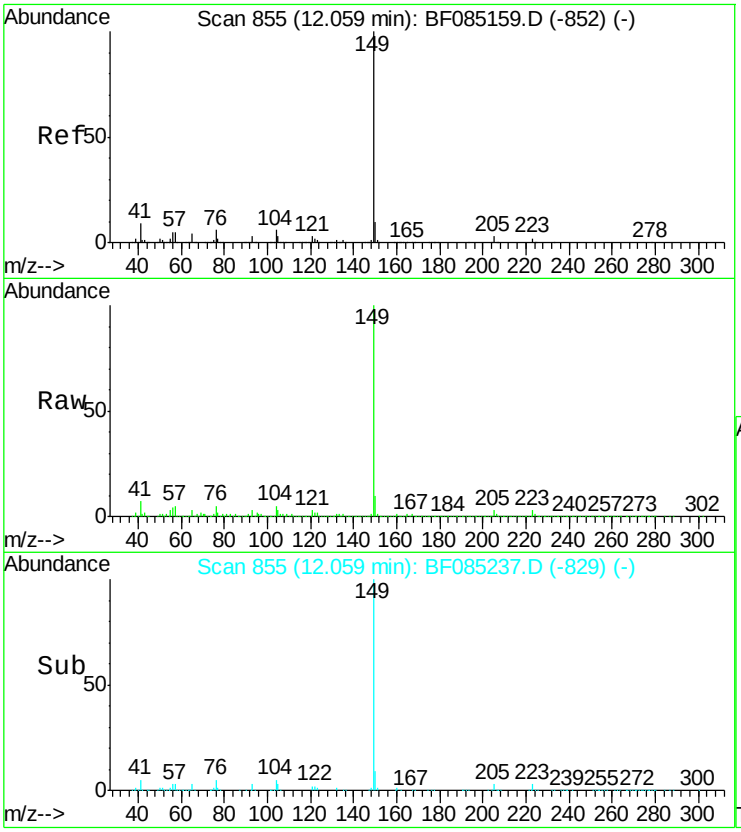



#72
Carbazole
Concen: 43.89 ng
RT: 11.73 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:167 Resp: 850812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 18.2 | 27.2 |
| 139 | 15.3 | 11.4 | 17.0 |

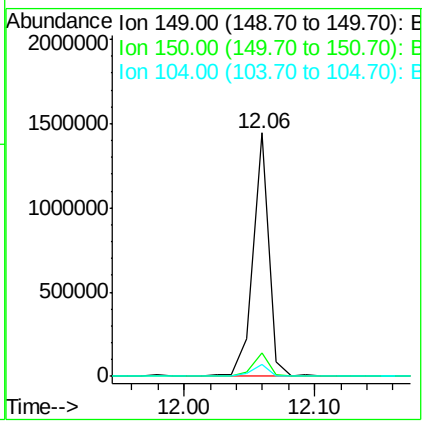





#73
Di-n-butylphthalate
Concen: 48.88 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:149 Resp: 1197722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.8 | 11.6 |
| 104 | 5.1 | 4.7 | 7.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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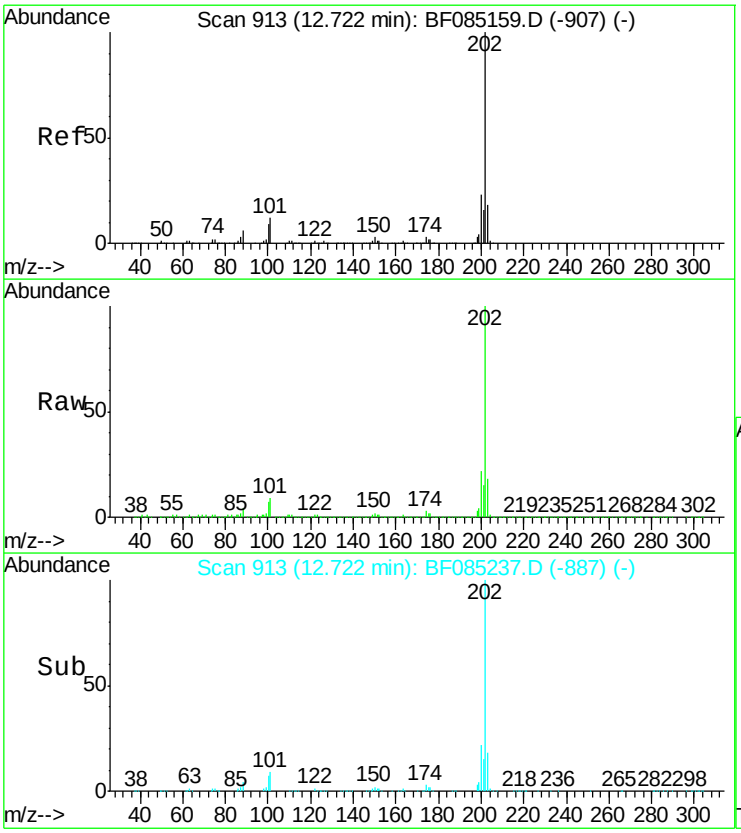
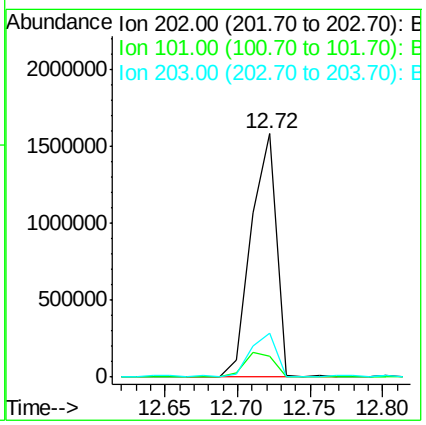
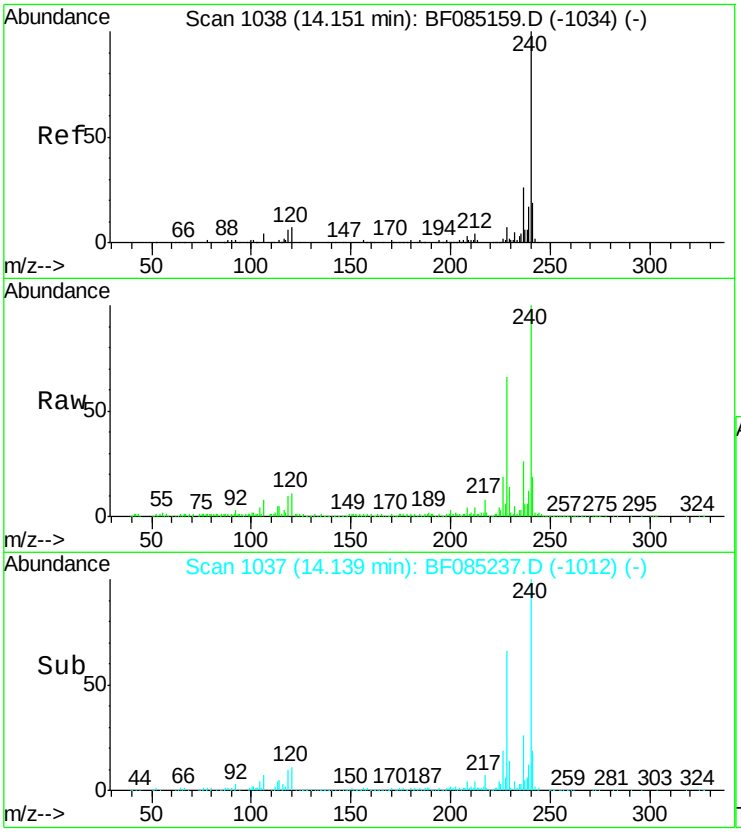



#74
Fluoranthene
Concen: 91.22 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:202 Resp: 1906365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.8 | 0.0 | 31.8 |
| 203 | 18.2 | 0.0 | 38.4 |

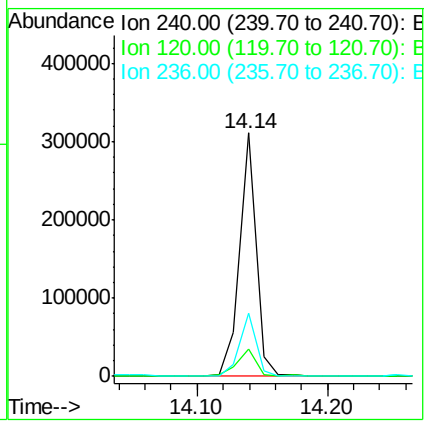





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:240 Resp: 271787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 5.3 | 7.9# |
| 236 | 25.9 | 20.7 | 31.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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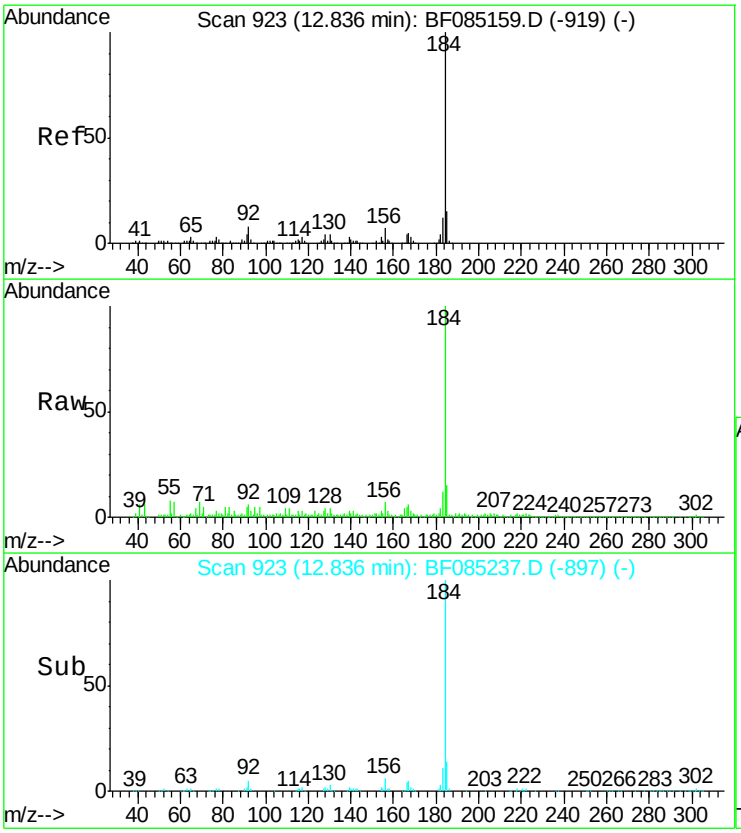
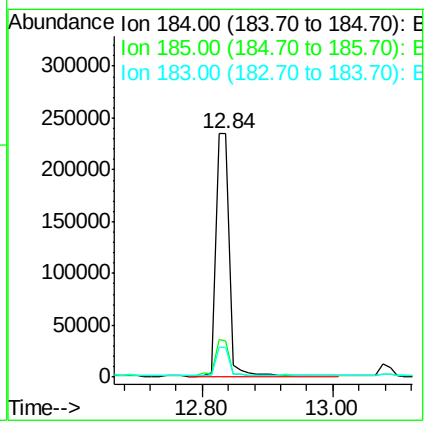
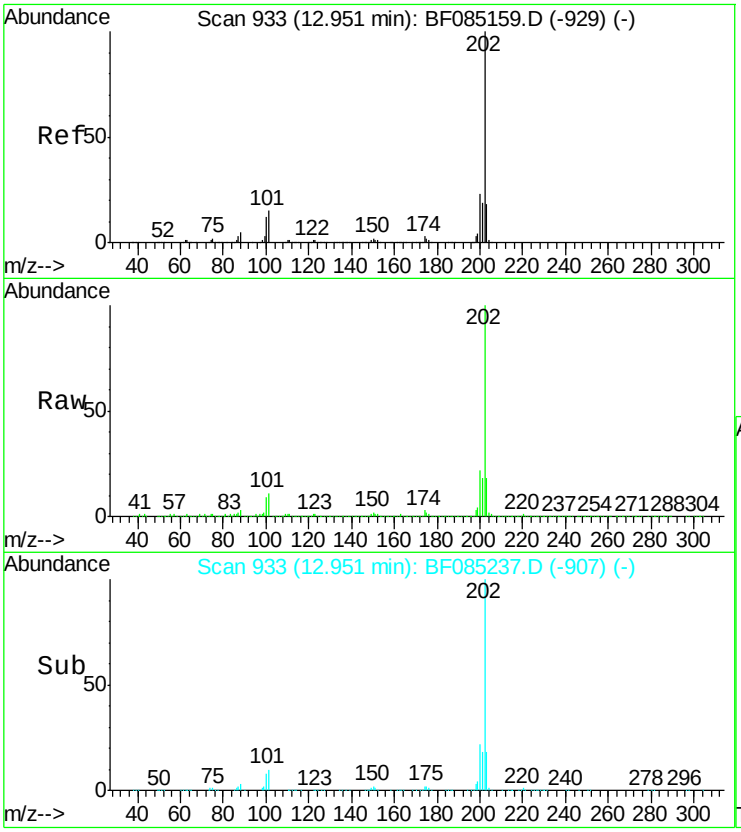



#76
Benzidine
Concen: 42.70 ng
RT: 12.84 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:184 Resp: 345361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.4 | 18.6 |
| 183 | 12.4 | 9.4 | 14.2 |

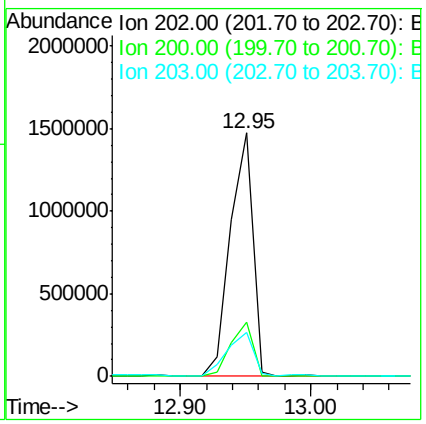





#77
Pyrene
Concen: 86.16 ng
RT: 12.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:202 Resp: 1762551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.1 | 18.2 | 27.4 |
| 203 | 18.3 | 14.7 | 22.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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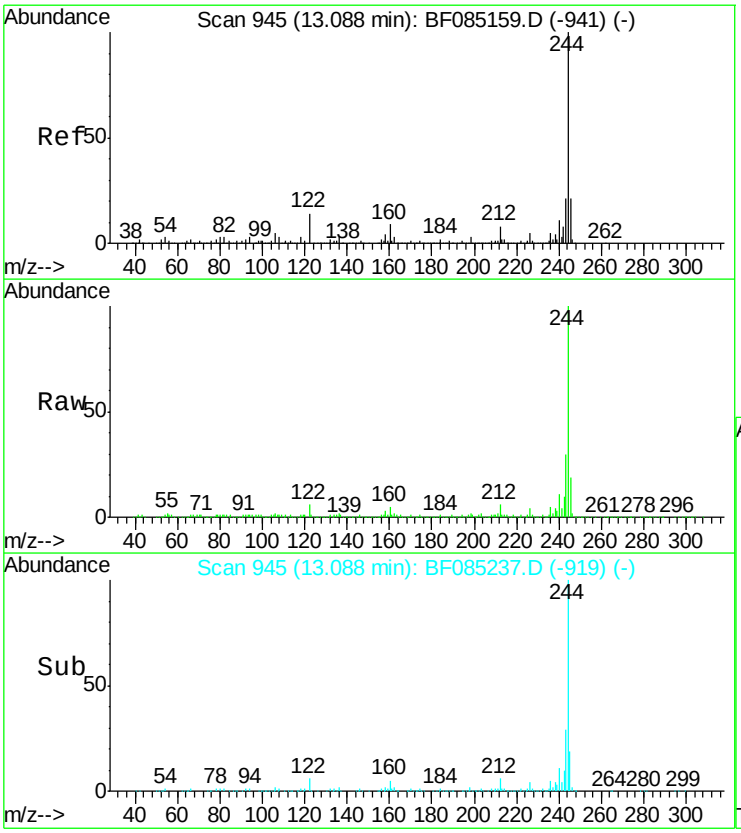
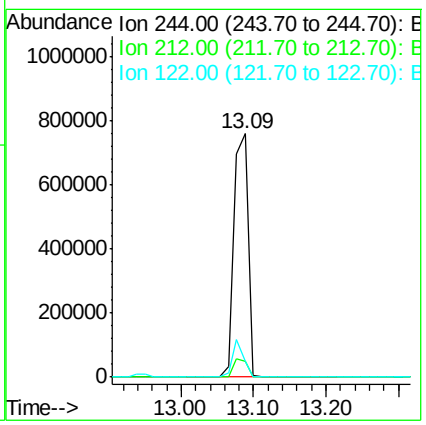
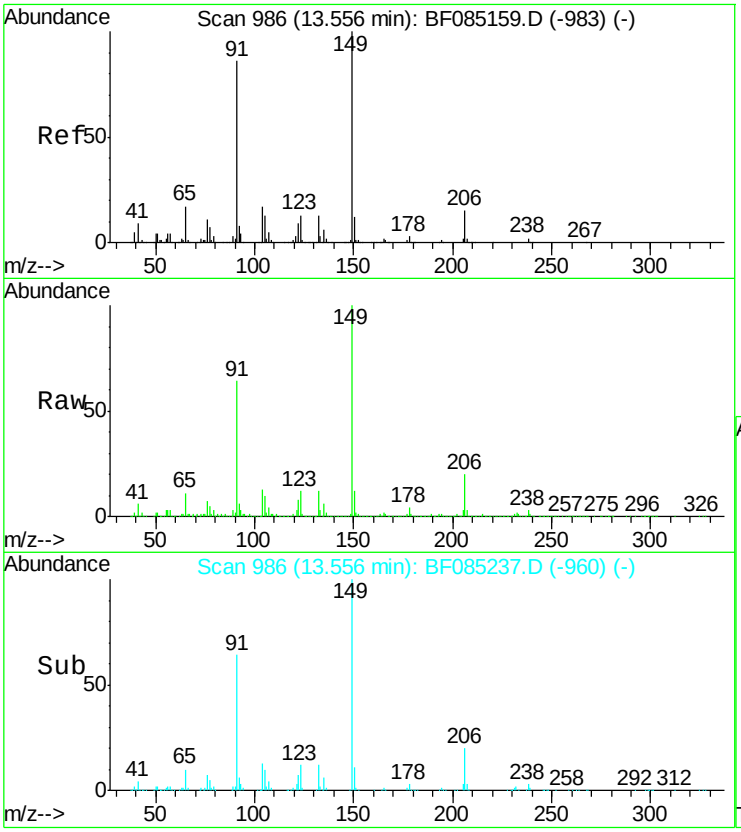



#78
Terphenyl-d14
Concen: 88.35 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:244 Resp: 1034437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 6.4 | 9.6# |
| 122 | 6.4 | 11.4 | 17.2# |

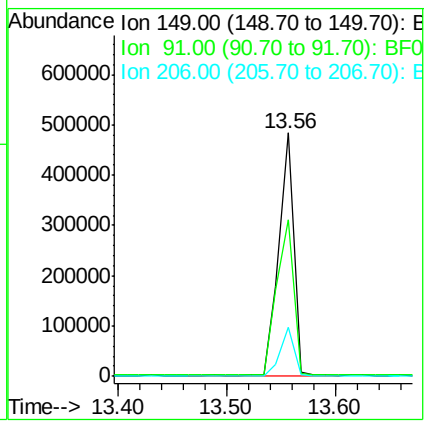





#79
Butylbenzylphthalate
Concen: 49.46 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:149 Resp: 459099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.2 | 69.0 | 103.4# |
| 206 | 20.3 | 12.3 | 18.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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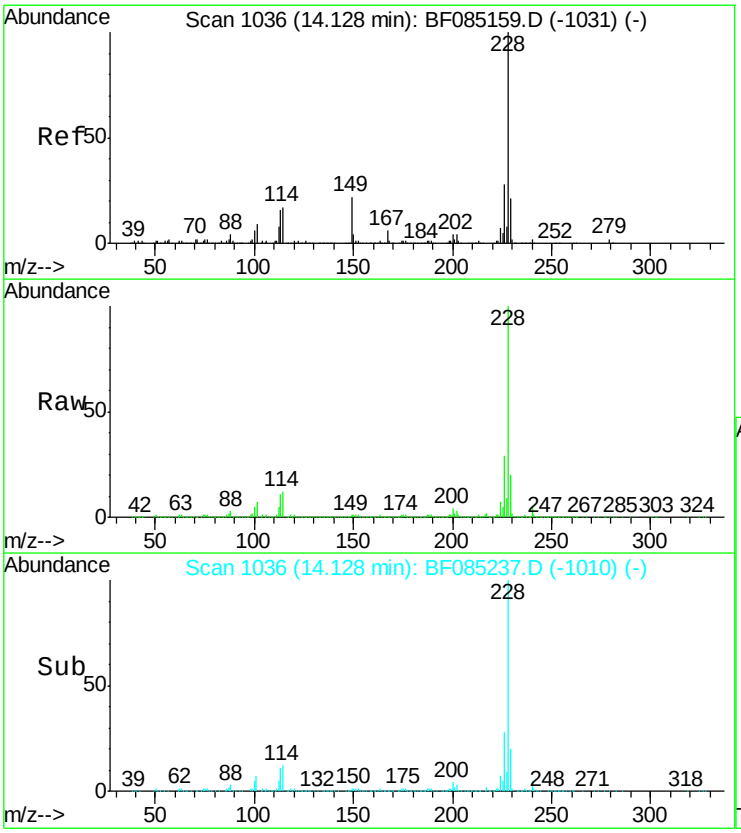
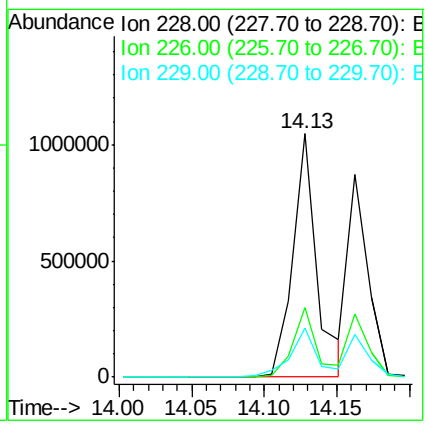
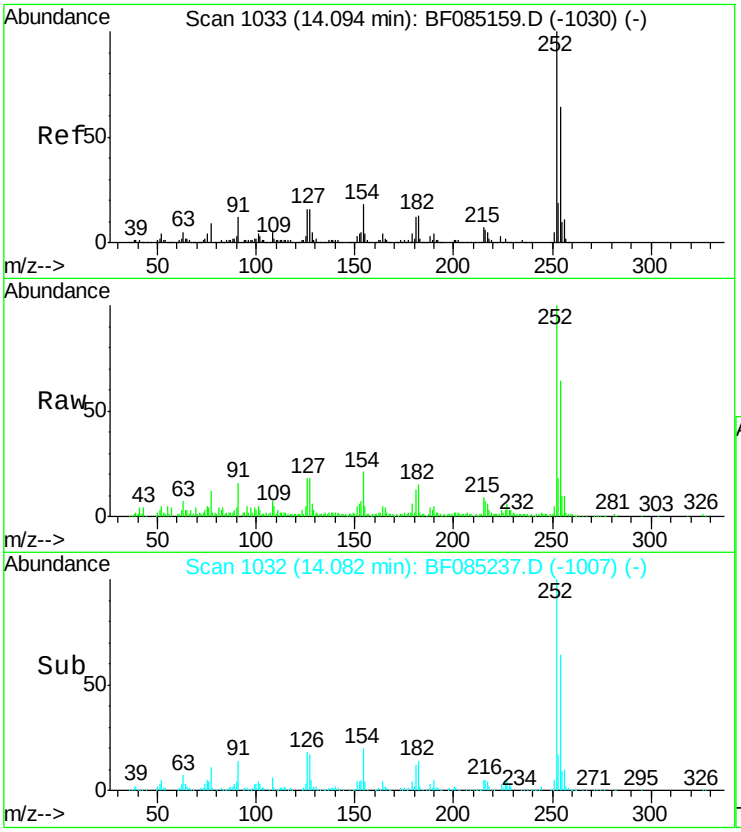



#80
Benzo(a)anthracene
Concen: 73.95 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:228 Resp: 1203217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 22.8 | 34.2 |
| 229 | 20.4 | 16.6 | 24.8 |

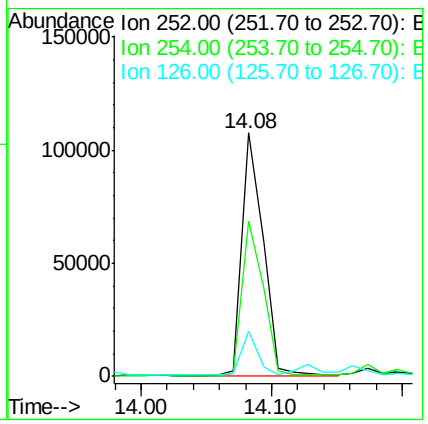





#81
3,3'-Dichlorobenzidine
Concen: 23.31 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:252 Resp: 119662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.7 | 51.4 | 77.0 |
| 126 | 18.5 | 12.9 | 19.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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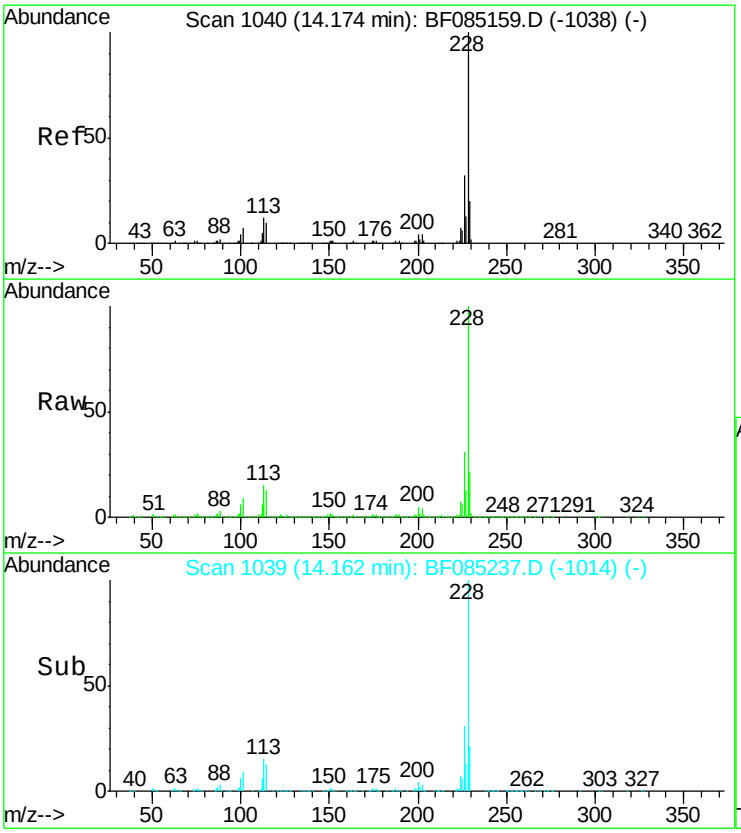
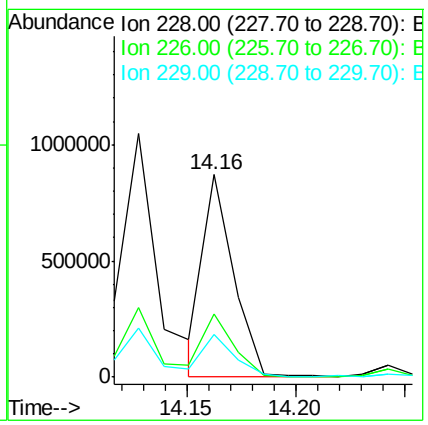
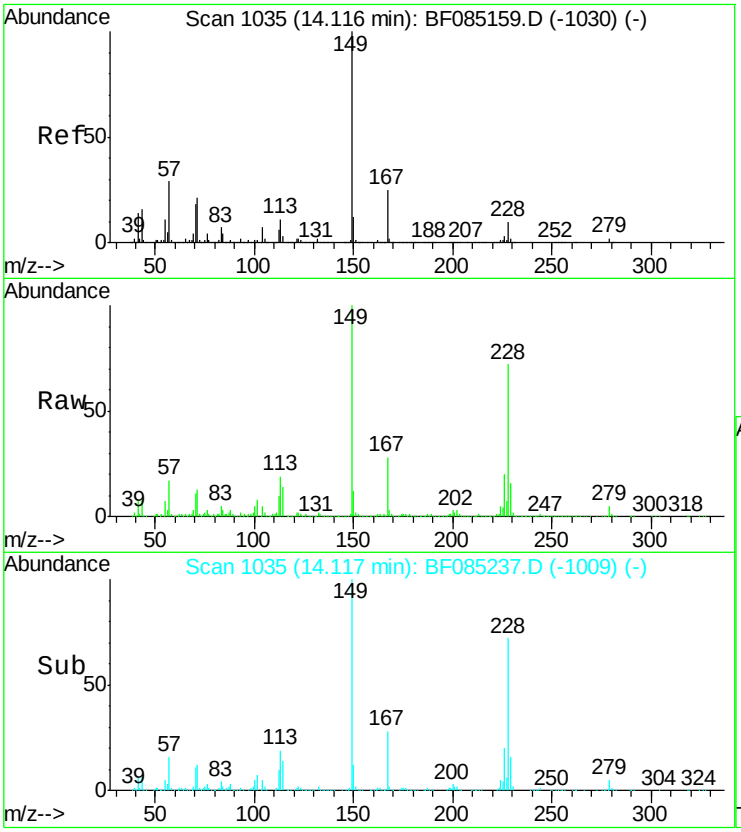



#82
Chrysene
Concen: 56.22 ng
RT: 14.16 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:228 Resp: 844949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 25.2 | 37.8 |
| 229 | 21.3 | 16.0 | 24.0 |

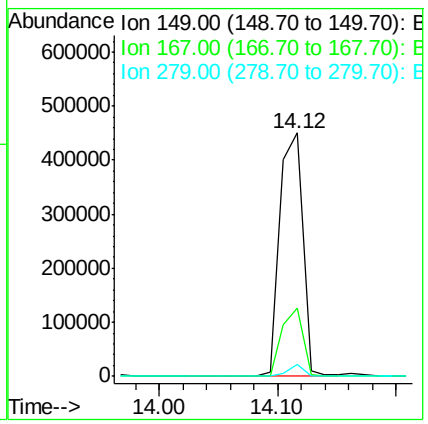





#83
Bis(2-ethylhexyl)phthalate
Concen: 48.62 ng
RT: 14.12 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:149 Resp: 593893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 20.3 | 30.5 |
| 279 | 4.9 | 1.9 | 2.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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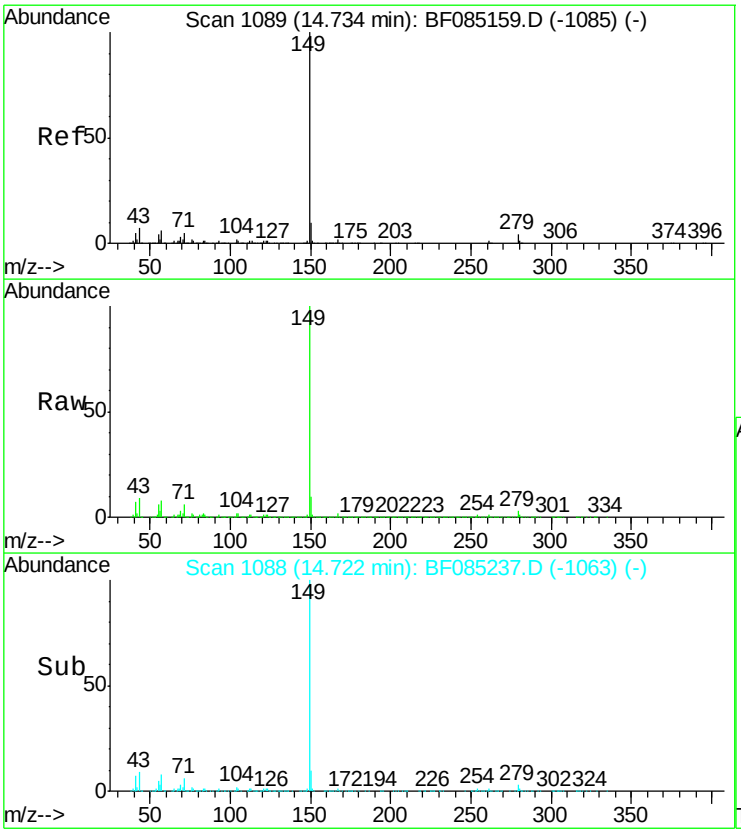
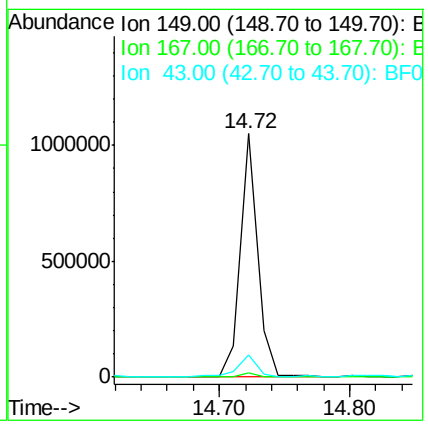
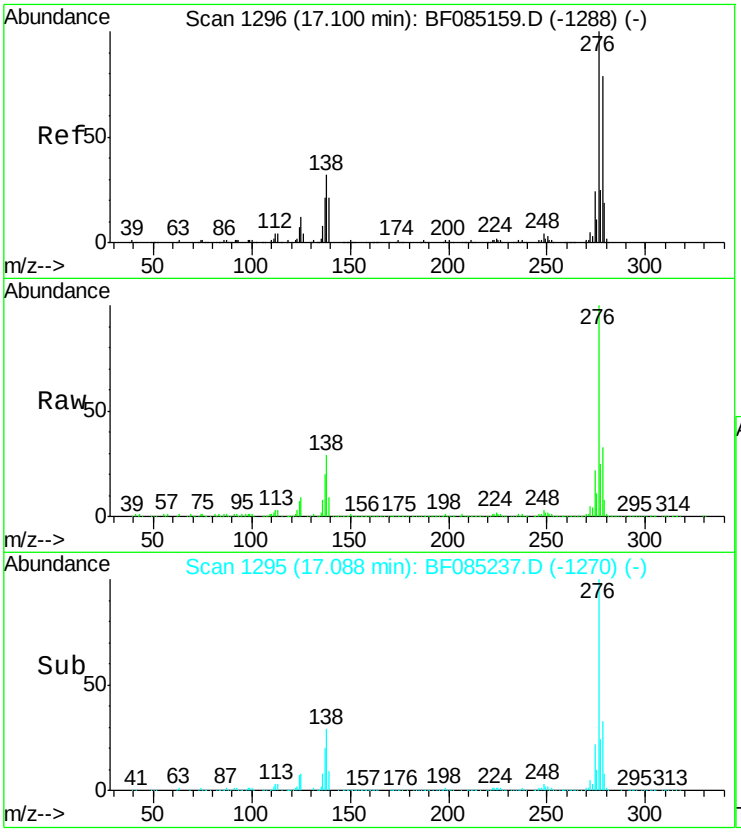



#84
Di-n-octyl phthalate
Concen: 51.04 ng
RT: 14.72 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:149 Resp: 949400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 8.9 | 7.8 | 11.8 |

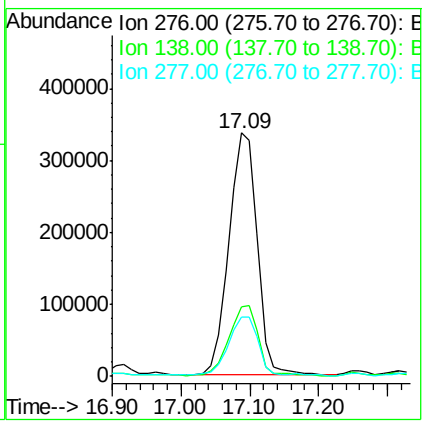





#85
Indeno(1,2,3-cd)pyrene
Concen: 83.00 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:276 Resp: 973591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.7 | 26.4 | 39.6 |
| 277 | 25.3 | 20.2 | 30.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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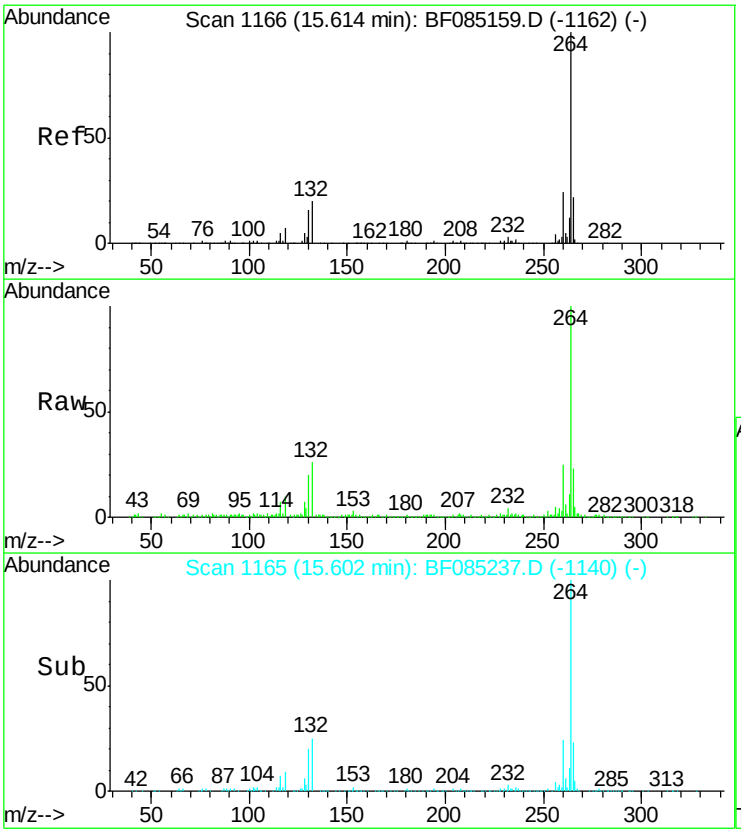
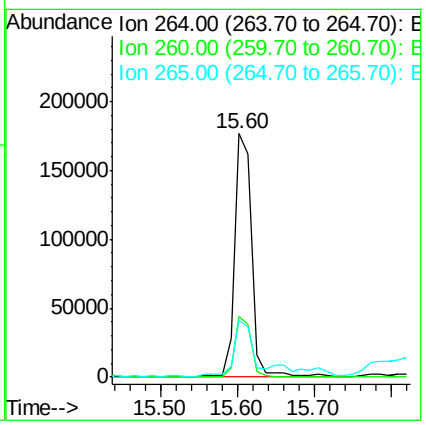
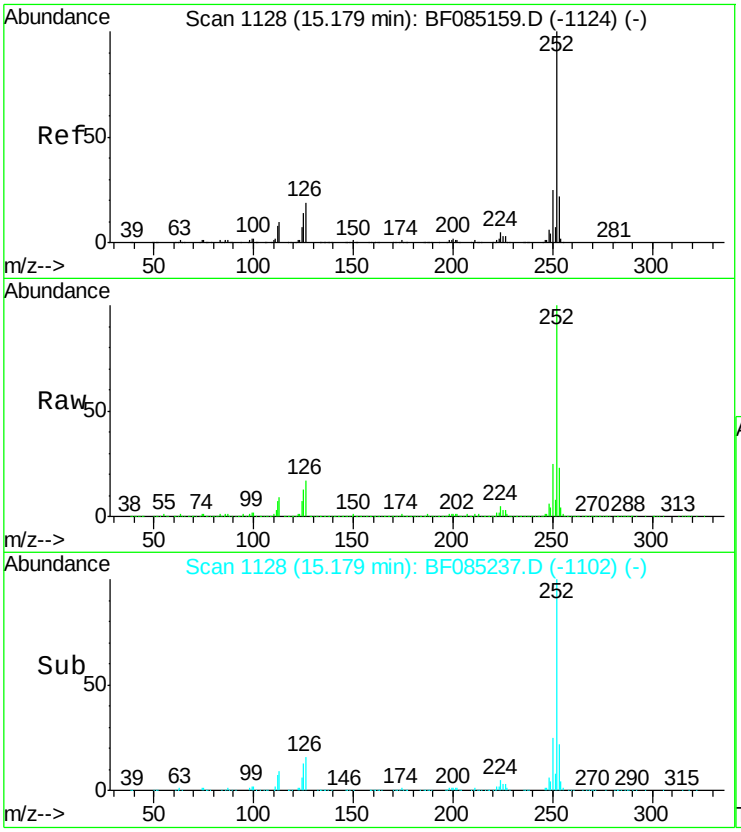



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:264 Resp: 276594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 19.2 | 28.8 |
| 265 | 23.4 | 17.3 | 25.9 |

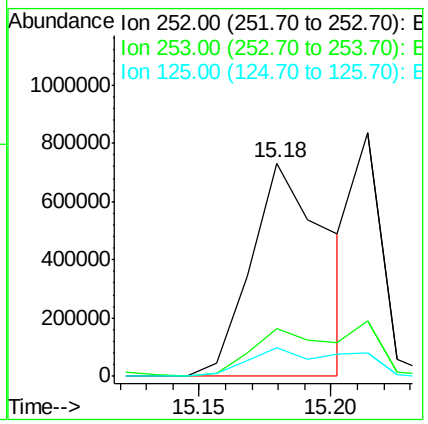





#87
Benzo(b)fluoranthene
Concen: 80.07 ng m
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:252 Resp: 1476094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.8 | 26.6 |
| 125 | 13.4 | 11.3 | 16.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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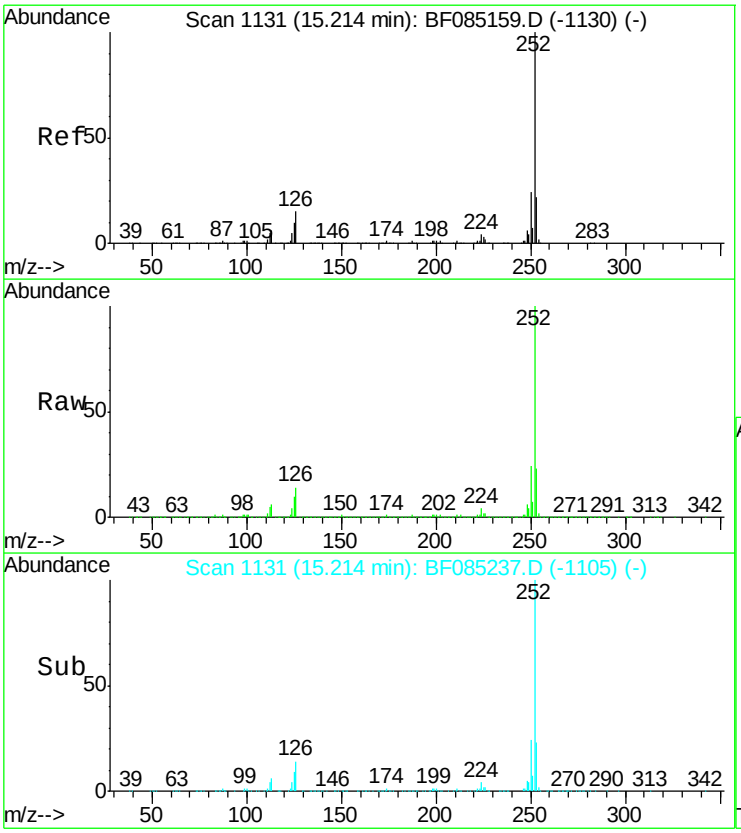
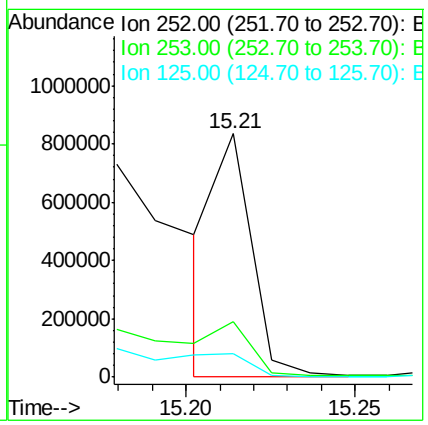
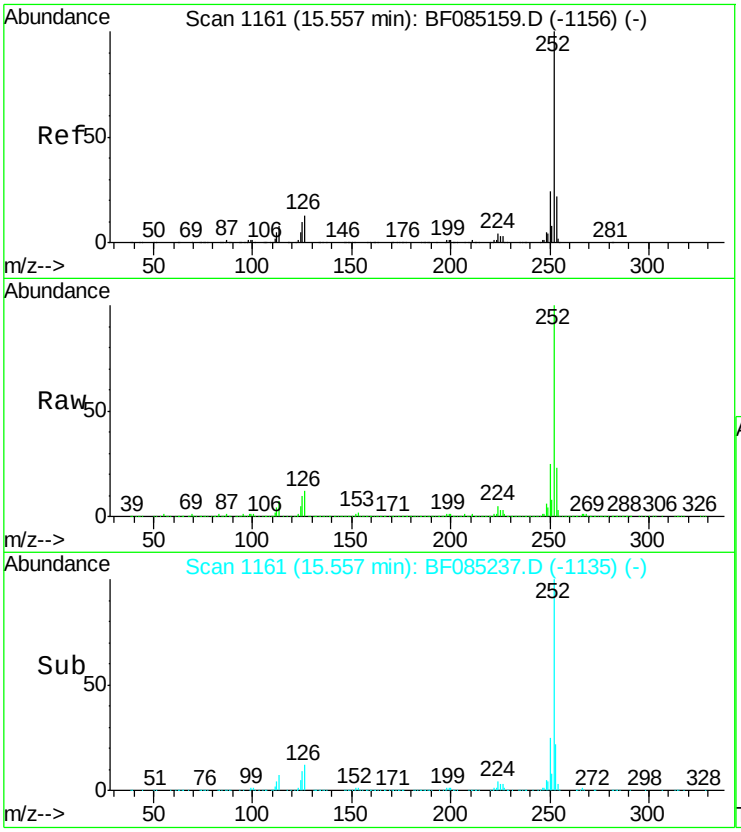



#88
Benzo(k)fluoranthene
Concen: 42.12 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:252 Resp: 626400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.6 |
| 125 | 9.6 | 10.4 | 15.6# |

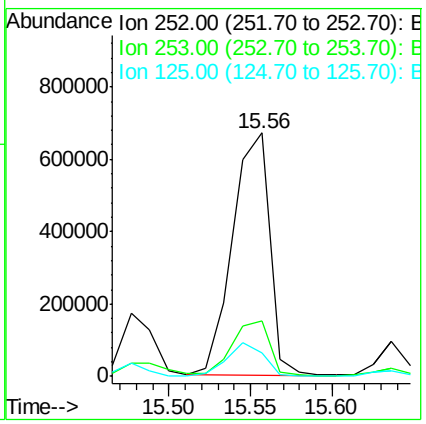





#89
Benzo(a)pyrene
Concen: 69.15 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:252 Resp: 1056417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.4 | 26.0 |
| 125 | 9.6 | 8.2 | 12.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

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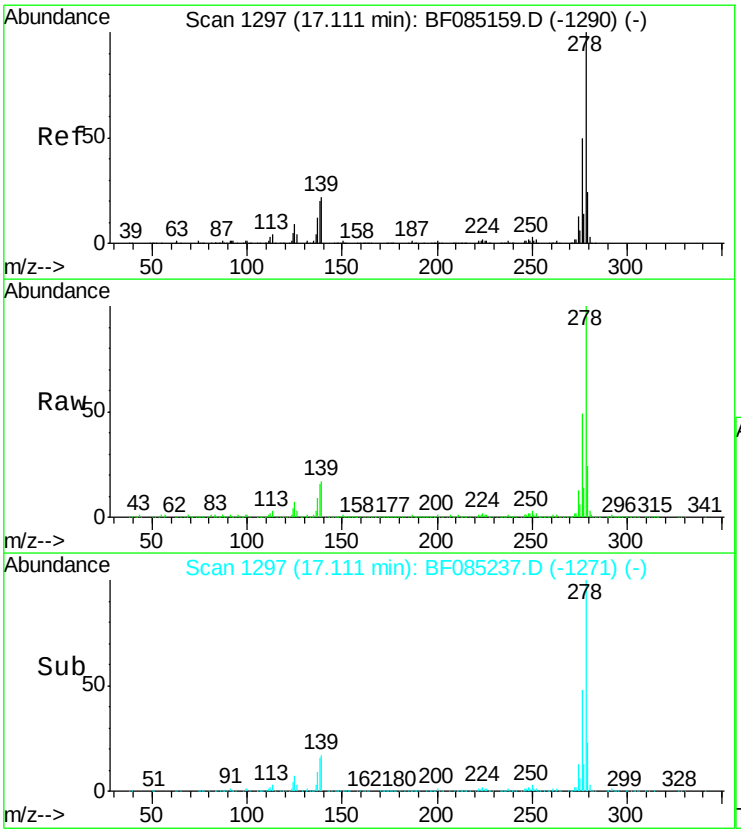
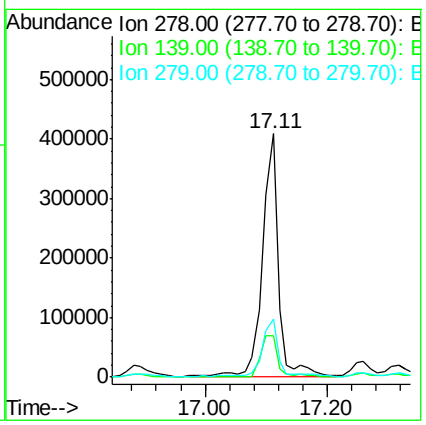
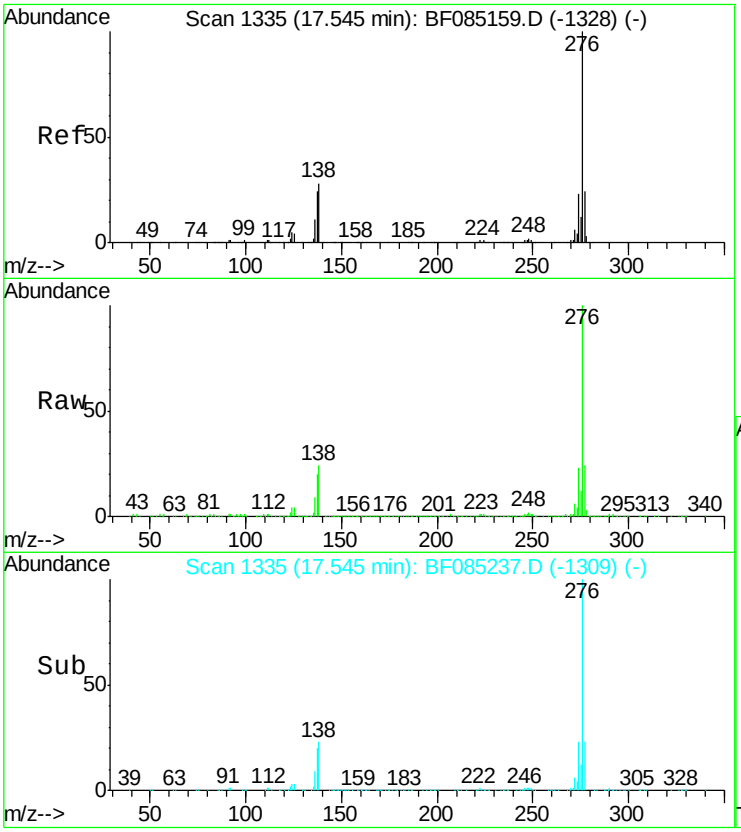



#90
Dibenzo(a,h)anthracene
Concen: 58.08 ng m
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:278 Resp: 757466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.8 | 17.3 | 25.9# |
| 279 | 23.9 | 19.2 | 28.8 |

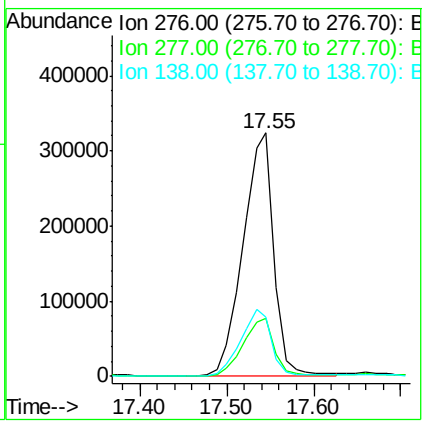





#91
Benzo(g,h,i)perylene
Concen: 60.52 ng
RT: 17.55 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF085237.D
Acq: 5 Mar 2016 7:16

Tgt Ion:276 Resp: 793623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.0 | 28.4 |
| 138 | 24.2 | 22.5 | 33.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-16-COMP(0.5-5.0)MS

**Manual Integrations APPROVED**
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