Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085515.D
Acq On : 18 Mar 2016 2:29
Operator : UM/SJ
Sample : H1774-12MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-14-COMPMSD

**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

Quant Time: Mar 18 03:56:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.88 | 152 | 151359 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 8.16 | 136 | 568922 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 262097 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 443959 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 14.04 | 240 | 278566 | 20.00 | ng | | -0.05 |
| 86) Perylene-d12 | 15.48 | 264 | 285007 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 1123186 | 127.56 | ng | | -0.02 |
| 7) Phenol-d6 | 6.52 | 99 | 1444534 | 126.47 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 922767 | 95.90 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 281756 | 116.72 | ng | | -0.05 |
| 44) 2-Fluorobiphenyl | 9.25 | 172 | 1437453 | 95.15 | ng | | -0.03 |
| 78) Terphenyl-d14 | 12.98 | 244 | 976728 | 79.32 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.57 | 88 | 160282 | 36.48 | ng | | 99 |
| 3) Pyridine | 3.32 | 79 | 382698 | 36.69 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.27 | 42 | 204136 | 42.38 | ng | | 91 |
| 6) Aniline | 6.54 | 93 | 412229 | 26.14 | ng | # | 74 |
| 8) 2-Chlorophenol | 6.66 | 128 | 443531 | 42.96 | ng | | 97 |
| 9) Benzaldehyde | 6.42 | 77 | 97854 | 15.34 | ng | | 92 |
| 10) Phenol | 6.53 | 94 | 466818 | 36.46 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.62 | 93 | 459360 | 46.66 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.81 | 146 | 470990m | 41.16 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.89 | 146 | 470772 | 41.07 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.05 | 146 | 461892 | 45.92 | ng | | 97 |
| 15) Benzyl Alcohol | 7.02 | 79 | 374748 | 45.94 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45 | 556782 | 41.53 | ng | | 97 |
| 17) 2-Methylphenol | 7.14 | 107 | 372037 | 43.04 | ng | | 96 |
| 18) Hexachloroethane | 7.40 | 117 | 174043 | 41.39 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 319513 | 46.71 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.29 | 107 | 414101 | 44.69 | ng | # | 83 |
| 22) Acetophenone | 7.29 | 105 | 565500 | 40.56 | ng | | 96 |
| 24) Nitrobenzene | 7.46 | 77 | 466705 | 43.05 | ng | | 98 |
| 25) Isophorone | 7.70 | 82 | 871687 | 44.42 | ng | | 98 |
| 26) 2-Nitrophenol | 7.78 | 139 | 259741 | 50.01 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.82 | 122 | 389151 | 42.13 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93 | 532870 | 45.42 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.02 | 162 | 367548 | 49.04 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 8.10 | 180 | 368542 | 42.56 | ng | | 99 |
| 31) Naphthalene | 8.18 | 128 | 1186658 | 42.69 | ng | | 99 |
| 32) Benzoic acid | 7.92 | 122 | 110320 | 20.77 | ng | | 92 |
| 33) 4-Chloroaniline | 8.23 | 127 | 206117 | 17.24 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.31 | 225 | 193928 | 42.84 | ng | | 98 |
| 35) Caprolactam | 8.61 | 113 | 121946m | 49.83 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.72 | 107 | 377651 | 44.13 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.88 | 142 | 848825 | 48.22 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 312111 | 38.29 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.03 | 237 | 199900 | 50.74 | ng | | 99 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085515.D
Acq On : 18 Mar 2016 2:29
Operator : UM/SJ
Sample : H1774-12MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

Quant Time: Mar 18 03:56:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.16 | 196 | 238774 | 44.35 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.20 | 196 | 239948 | 44.12 | ng | | 100 |
| 45) 1,1'-Biphenyl | 9.34 | 154 | 887395 | 41.48 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.37 | 162 | 738342 | 46.06 | ng | | 100 |
| 47) 2-Nitroaniline | 9.46 | 65 | 235936 | 48.61 | ng | | 88 |
| 48) Acenaphthylene | 9.78 | 152 | 1149857 | 44.34 | ng | | 98 |
| 49) Dimethylphthalate | 9.65 | 163 | 1039606 | 54.37 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.70 | 165 | 173727 | 41.12 | ng | # | 83 |
| 51) Acenaphthene | 9.96 | 154 | 721875 | 44.28 | ng | | 99 |
| 52) 3-Nitroaniline | 9.88 | 138 | 166664 | 32.99 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.98 | 184 | 107022 | 49.15 | ng | # | 62 |
| 54) Dibenzofuran | 10.13 | 168 | 963678 | 48.12 | ng | | 98 |
| 55) 4-Nitrophenol | 10.05 | 139 | 320954 | 92.31 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 10.12 | 165 | 265917 | 50.19 | ng | # | 79 |
| 57) Fluorene | 10.47 | 166 | 748922 | 46.89 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.24 | 232 | 178290 | 47.75 | ng | | 95 |
| 59) Diethylphthalate | 10.34 | 149 | 815338 | 44.05 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204 | 329446 | 40.15 | ng | | 98 |
| 61) 4-Nitroaniline | 10.49 | 138 | 202178 | 42.57 | ng | | 91 |
| 62) Azobenzene | 10.62 | 77 | 836606 | 45.51 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198 | 82747 | 31.20 | ng | # | 53 |
| 65) n-Nitrosodiphenylamine | 10.58 | 169 | 691753 | 50.56 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.95 | 248 | 208815 | 46.47 | ng | | 98 |
| 67) Hexachlorobenzene | 11.02 | 284 | 220421 | 47.54 | ng | | 100 |
| 68) Atrazine | 11.11 | 200 | 224104 | 57.24 | ng | | 96 |
| 69) Pentachlorophenol | 11.21 | 266 | 238089 | 96.88 | ng | | 99 |
| 70) Phenanthrene | 11.43 | 178 | 1043763 | 45.14 | ng | | 99 |
| 71) Anthracene | 11.48 | 178 | 1022811 | 43.43 | ng | | 99 |
| 72) Carbazole | 11.64 | 167 | 943787 | 47.36 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.97 | 149 | 1220734 | 49.45 | ng | | 98 |
| 74) Fluoranthene | 12.62 | 202 | 953727 | 43.88 | ng | | 95 |
| 76) Benzidine | 12.73 | 184 | 251247 | 29.04 | ng | | 98 |
| 77) Pyrene | 12.85 | 202 | 955779 | 45.75 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.47 | 149 | 441427 | 48.32 | ng | # | 69 |
| 80) Benzo(a)anthracene | 14.03 | 228 | 689129 | 43.15 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.99 | 252 | 197533 | 36.54 | ng | | 98 |
| 82) Chrysene | 14.06 | 228 | 657260 | 45.75 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 574721 | 51.57 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.63 | 149 | 1001304 | 61.54 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 734618 | 53.94 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.07 | 252 | 769285m | 41.33 | ng | | |
| 88) Benzo(k)fluoranthene | 15.09 | 252 | 603864m | 41.42 | ng | | |
| 89) Benzo(a)pyrene | 15.42 | 252 | 699044 | 43.47 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 16.91 | 278 | 630343 | 40.13 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.32 | 276 | 582223 | 36.29 | ng | | 99 |

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

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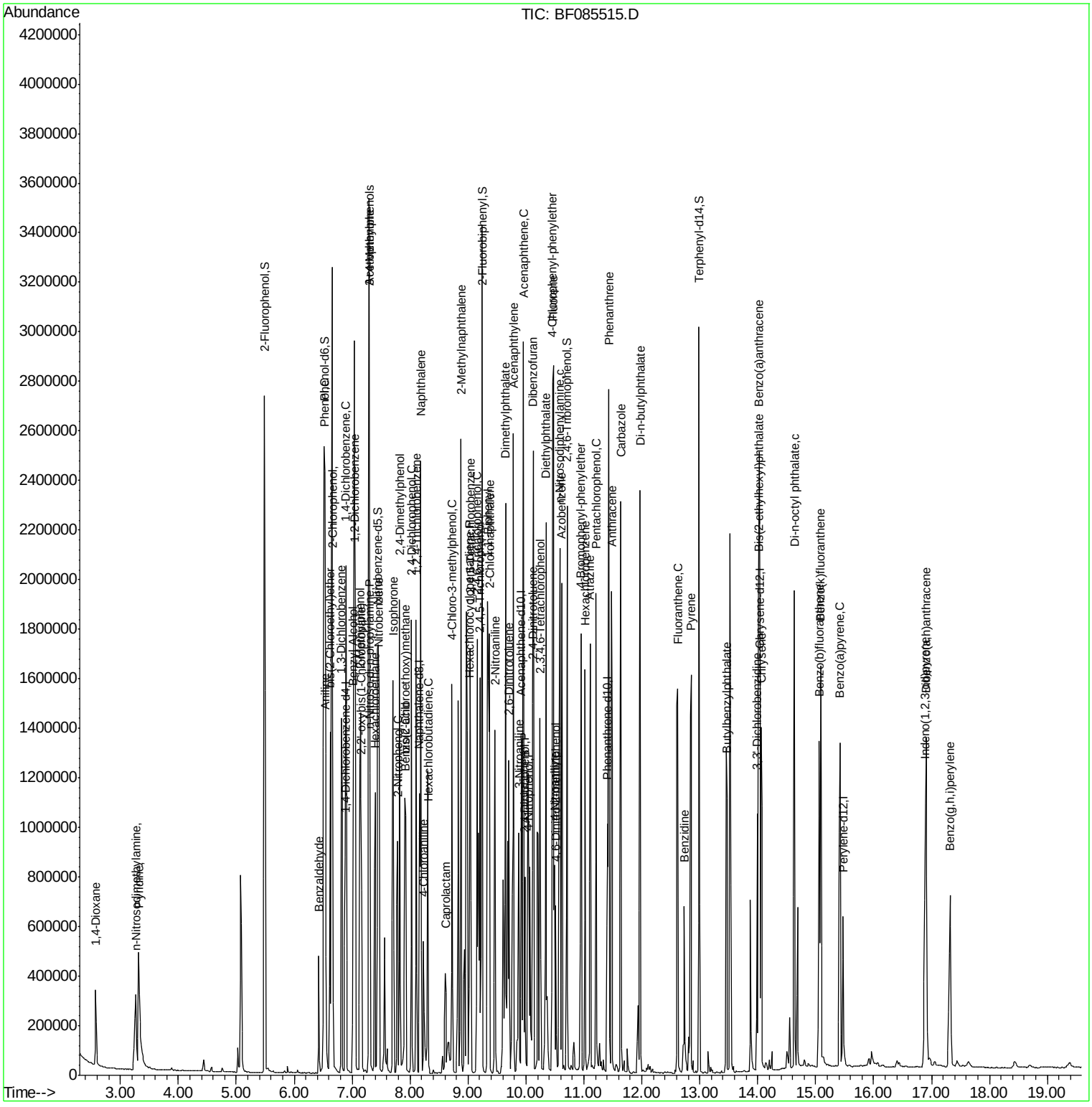
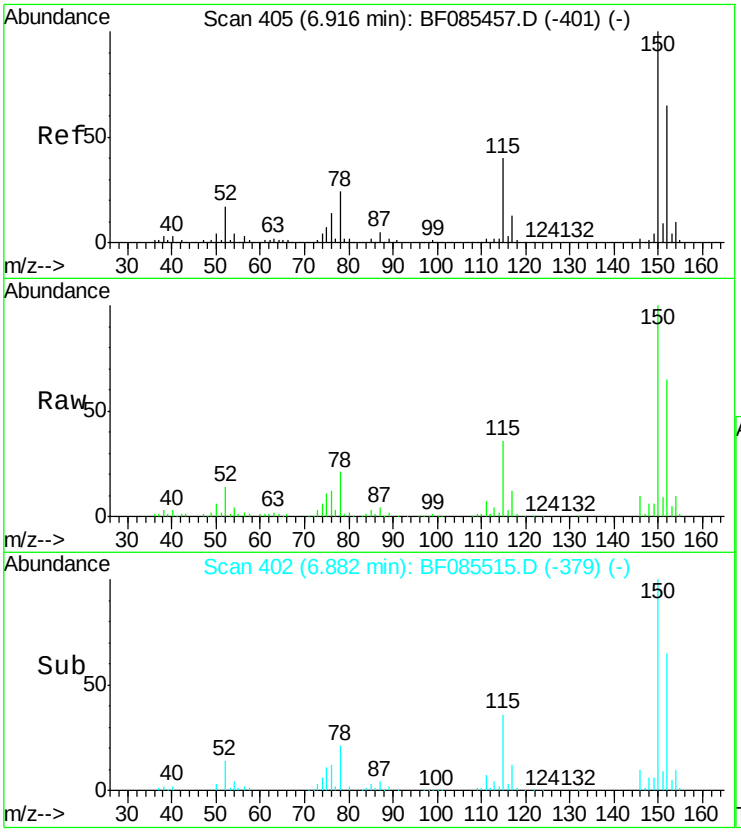
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085515.D
Acq On : 18 Mar 2016 2:29
Operator : UM/SJ
Sample : H1774-12MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Mar 18 03:56:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

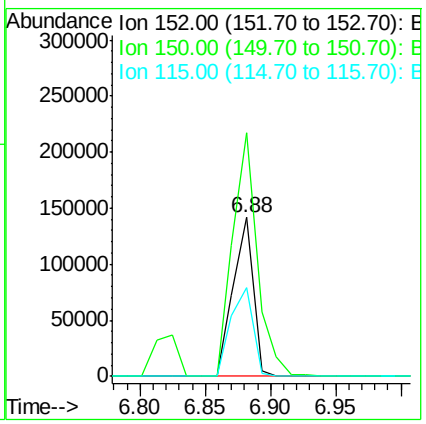





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

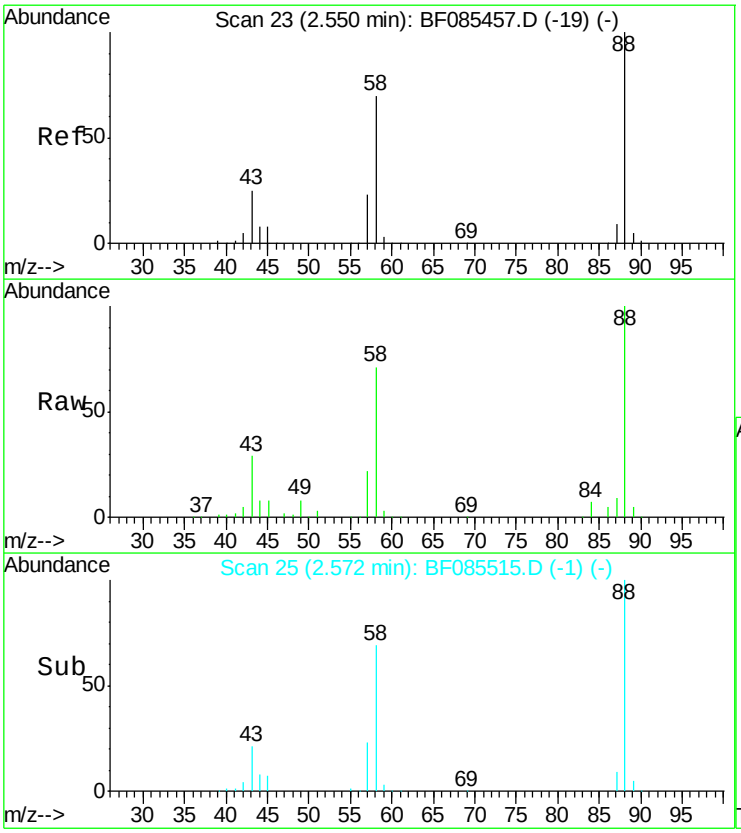
Tgt Ion:152 Resp: 151359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.5 | 124.6 | 186.8 |
| 115 | 55.6 | 46.6 | 70.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

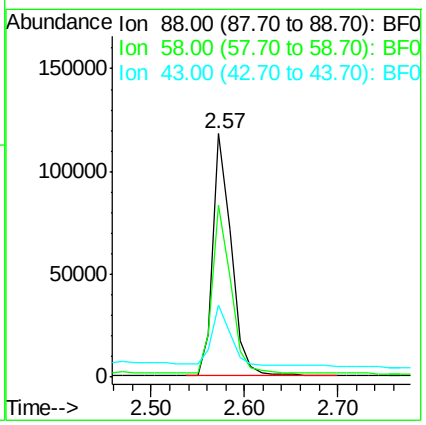
**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

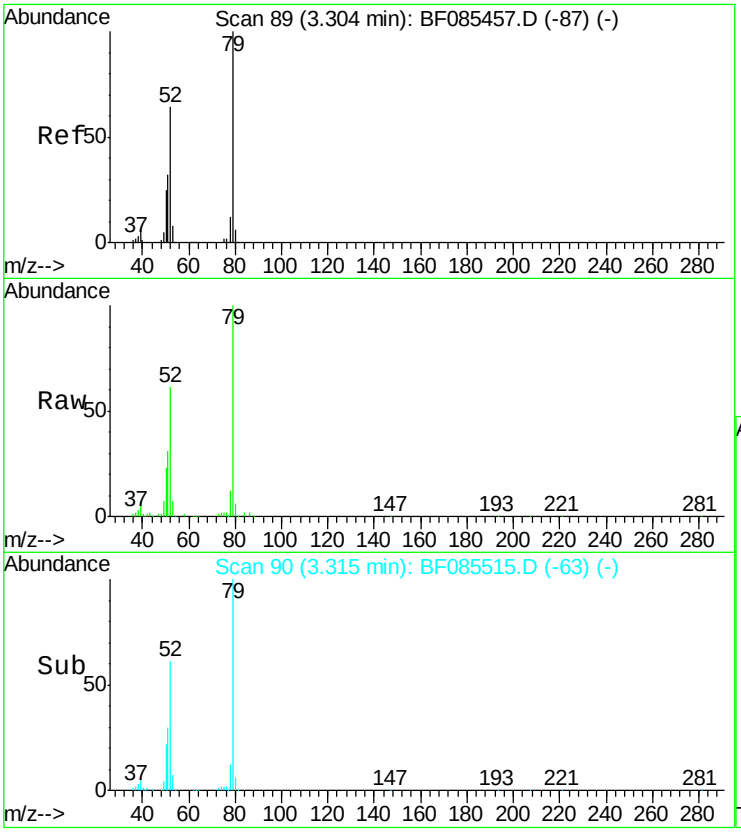



#2
1,4-Dioxane
Concen: 36.48 ng
RT: 2.57 min Scan# 25
Delta R.T. 0.02 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 88 Resp: 160282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.7 | 57.0 | 85.6 |
| 43 | 25.4 | 20.5 | 30.7 |

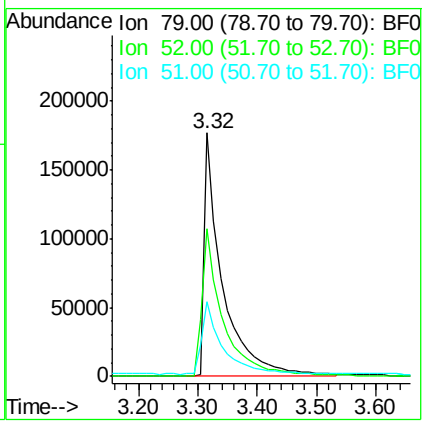





#3
Pyridine
Concen: 36.69 ng
RT: 3.32 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 79 Resp: 382698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 60.8 | 52.6 | 79.0 |
| 51 | 30.9 | 25.8 | 38.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

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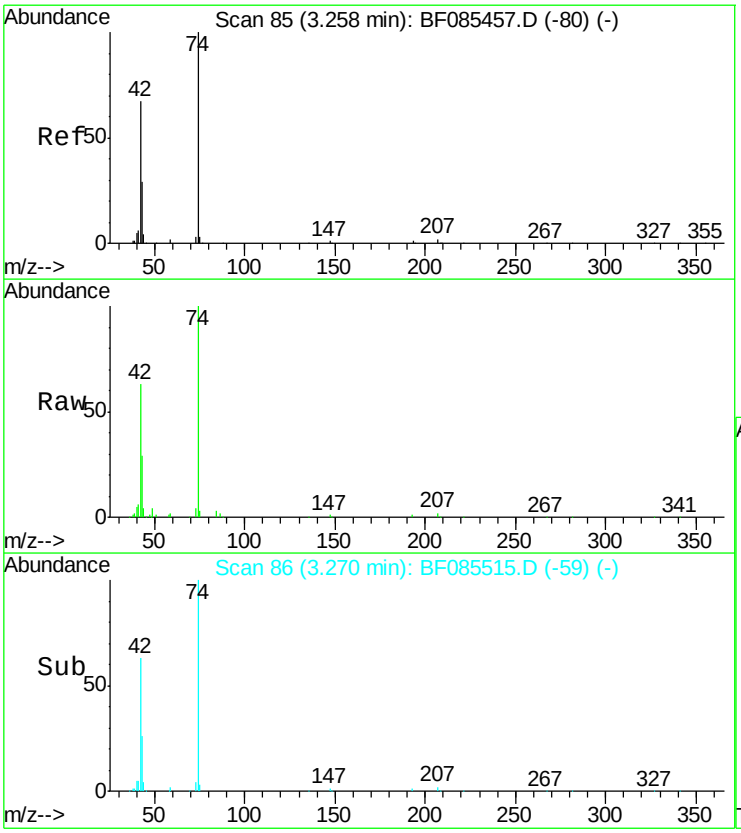
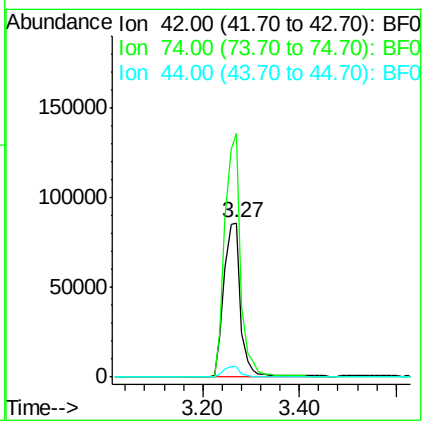
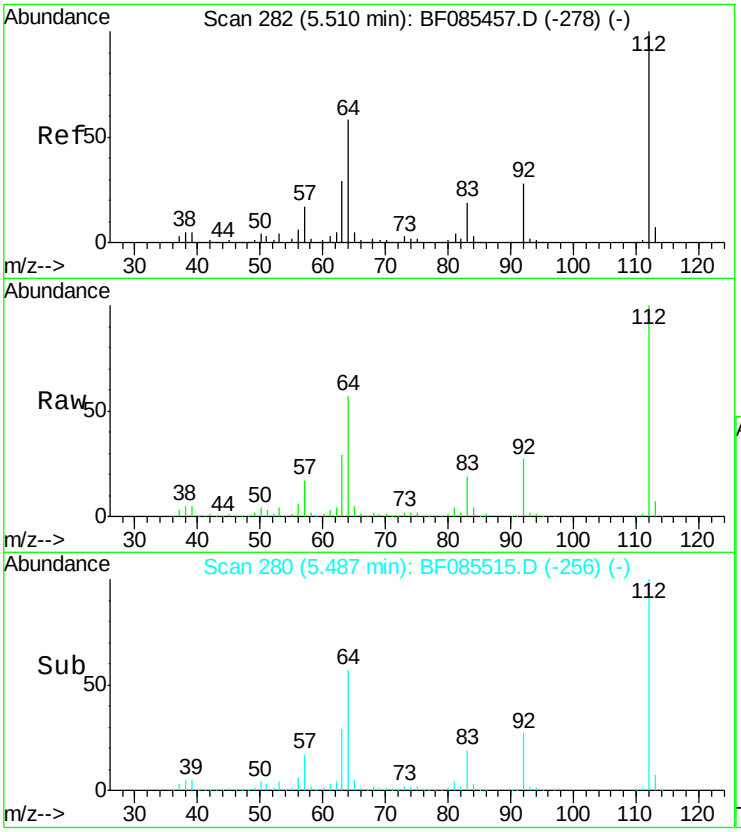



#4
n-Nitrosodimethylamine
Concen: 42.38 ng
RT: 3.27 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 42 Resp: 204136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 157.7 | 116.8 | 175.2 |
| 44 | 6.7 | 5.5 | 8.3 |

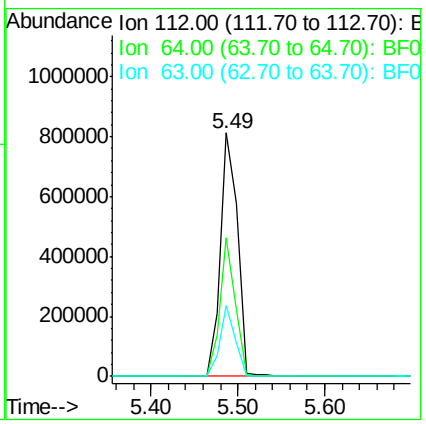





#5
2-Fluorophenol
Concen: 127.56 ng
RT: 5.49 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

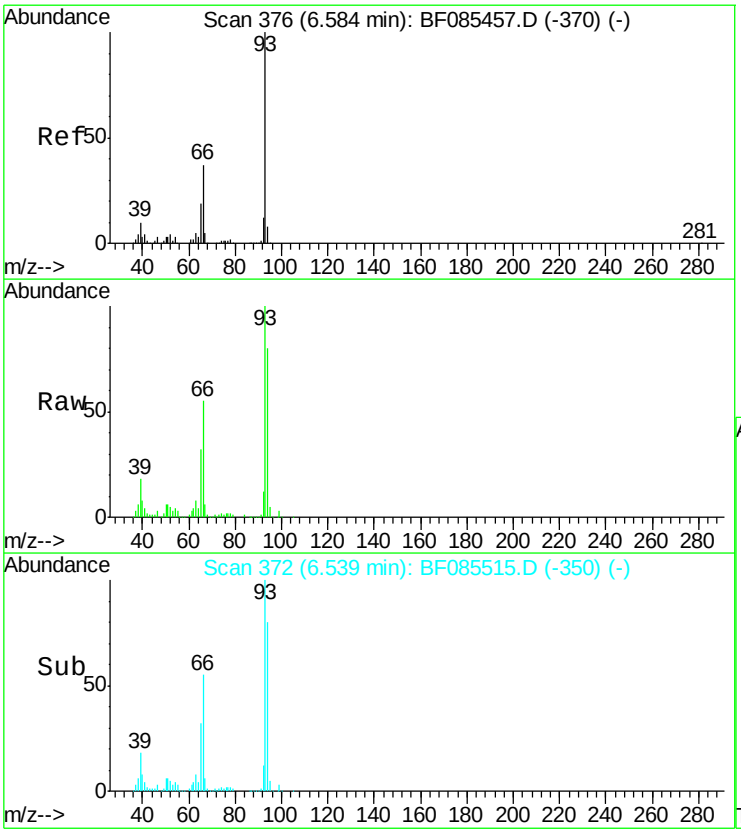
Tgt Ion:112 Resp: 1123186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.0 | 49.0 | 73.4 |
| 63 | 29.0 | 24.8 | 37.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

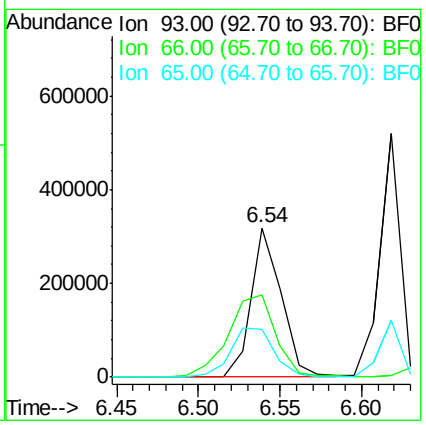
**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

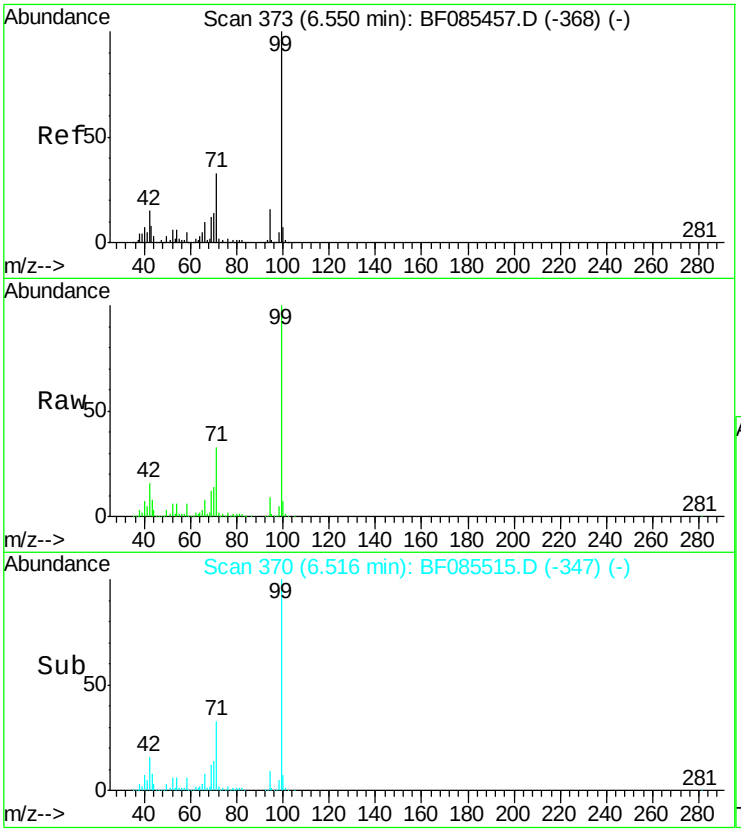



#6
Aniline
Concen: 26.14 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 93 Resp: 412229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 55.5 | 31.6 | 47.4# |
| 65 | 32.2 | 15.8 | 23.8# |

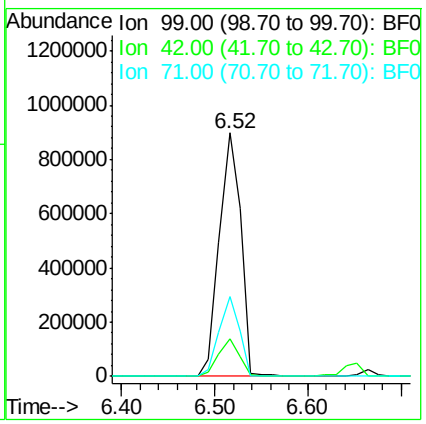





#7
Phenol-d6
Concen: 126.47 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

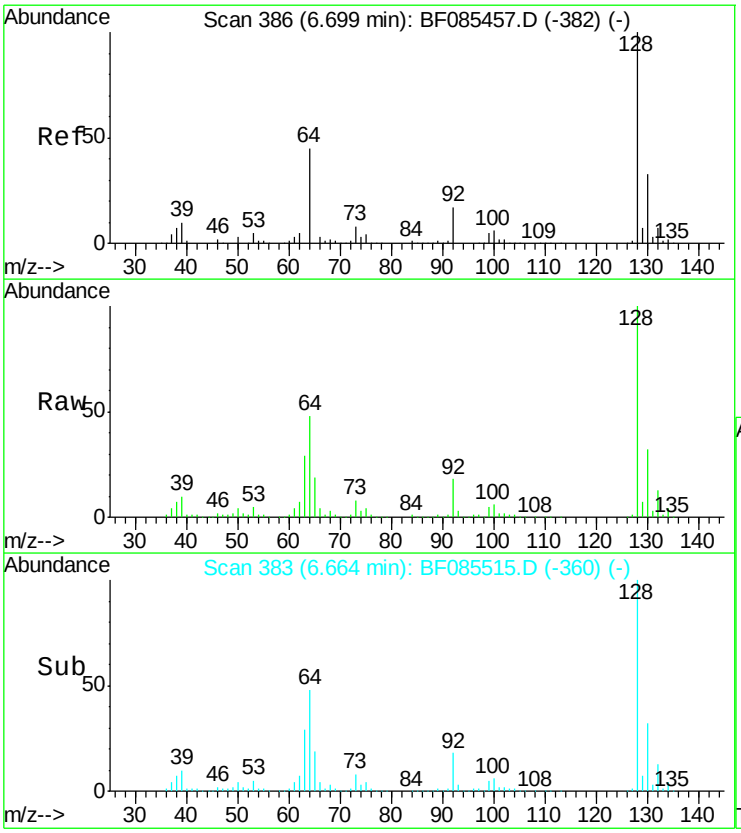
Tgt Ion: 99 Resp: 1444534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 13.6 | 20.4 |
| 71 | 32.8 | 26.7 | 40.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

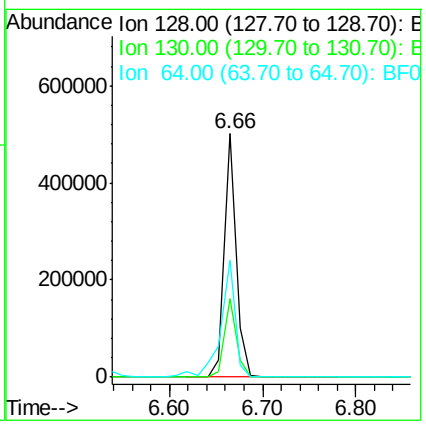
**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

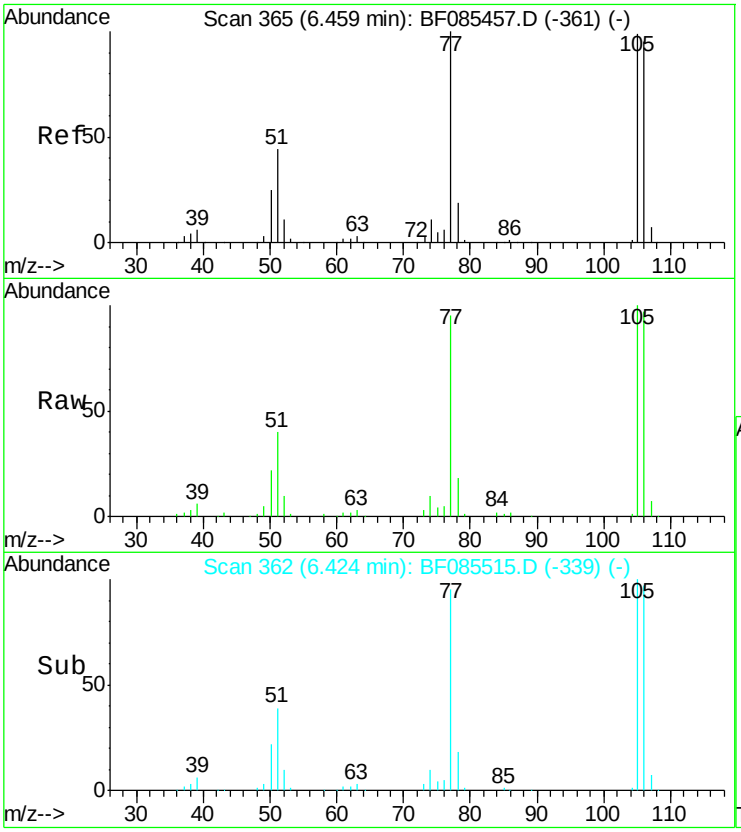



#8
2-Chlorophenol
Concen: 42.96 ng
RT: 6.66 min Scan# 383
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:128 Resp: 443531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.2 | 13.3 | 53.3 |
| 64 | 48.0 | 25.7 | 65.7 |

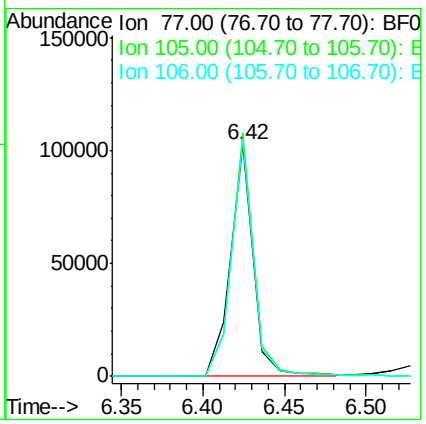





#9
Benzaldehyde
Concen: 15.34 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

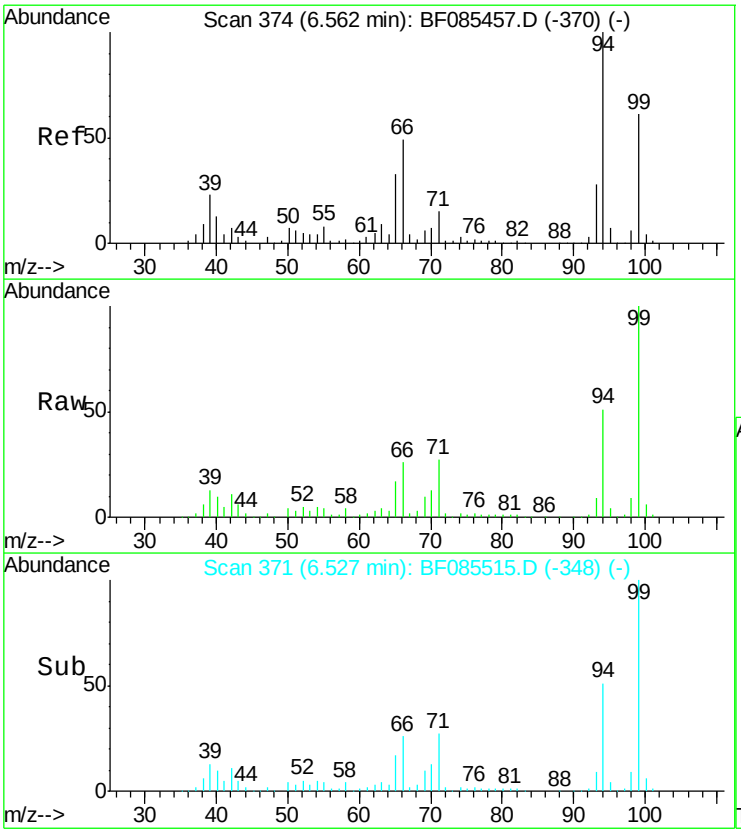
Tgt Ion: 77 Resp: 97854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.2 | 78.2 | 118.2 |
| 106 | 102.0 | 72.9 | 112.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

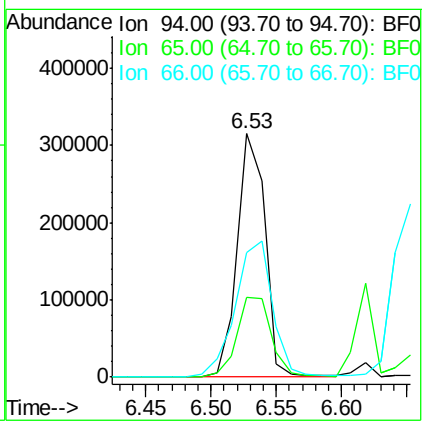
**Manual Integrations APPROVED**
UMANGI
3/18/2016 11:57:26 AM

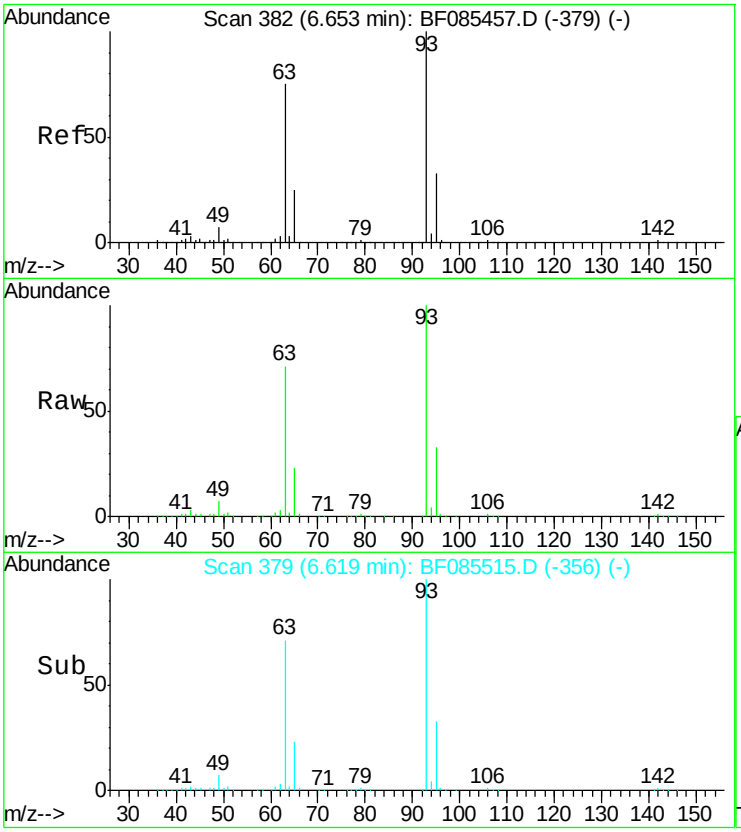



#10
Phenol
Concen: 36.46 ng
RT: 6.53 min Scan# 371
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 94 Resp: 466818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.0 | 9.1 | 49.1 |
| 66 | 51.3 | 19.3 | 59.3 |

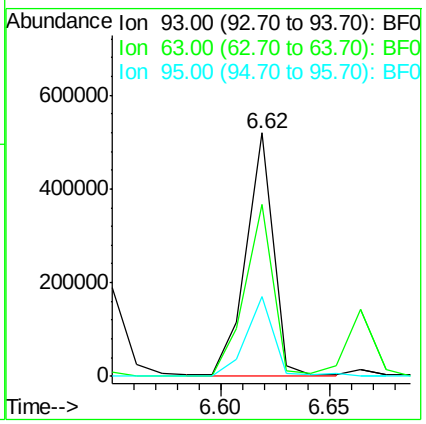





#11
bis(2-Chloroethyl)ether
Concen: 46.66 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 93 Resp: 459360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.6 | 50.9 | 90.9 |
| 95 | 33.0 | 13.7 | 53.7 |




**Instrument :**
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**ClientSampleId :**
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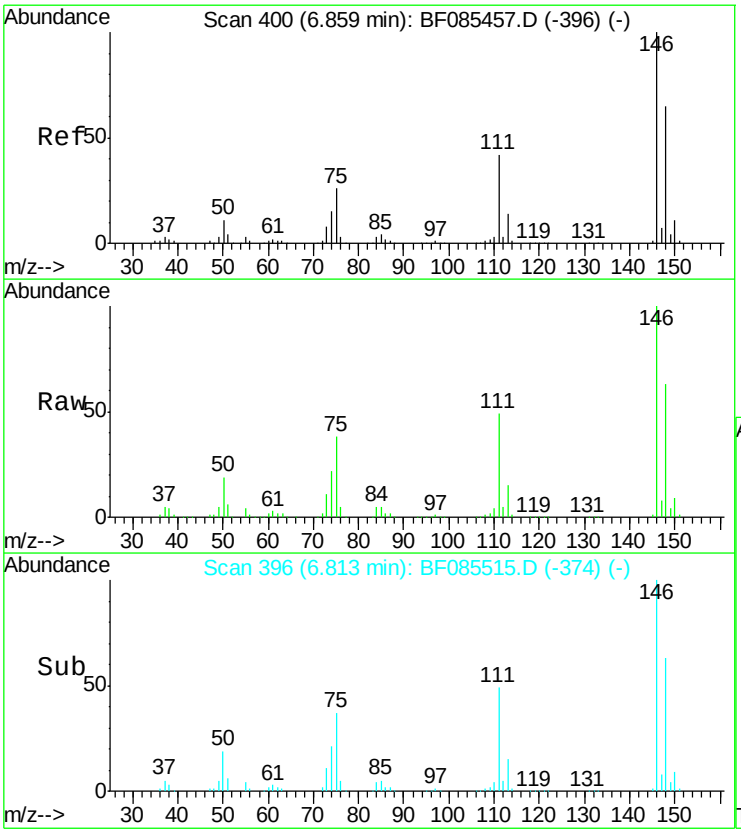
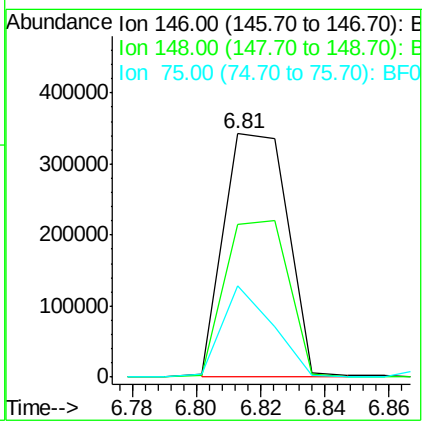
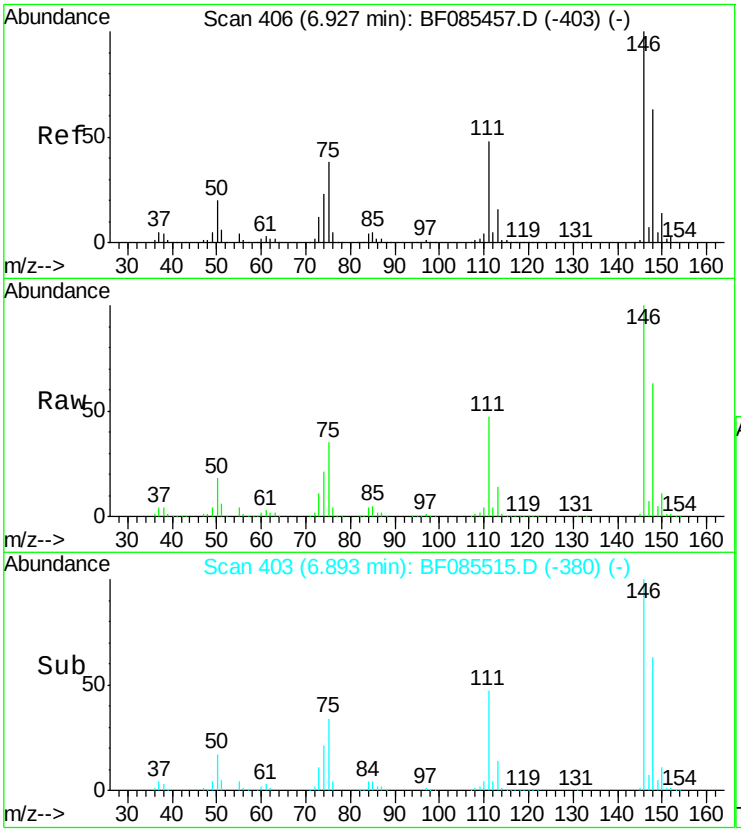



#12
1,3-Dichlorobenzene
Concen: 41.16 ng m
RT: 6.81 min Scan# 396
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:146 Resp: 470990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 52.1 | 78.1 |
| 75 | 37.5 | 19.5 | 29.3# |

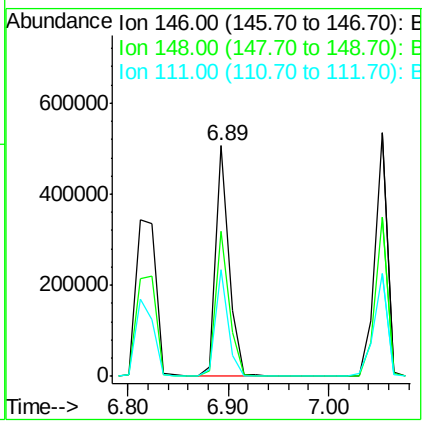





#13
1,4-Dichlorobenzene
Concen: 41.07 ng
RT: 6.89 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:146 Resp: 470772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 51.3 | 76.9 |
| 111 | 46.6 | 38.4 | 57.6 |

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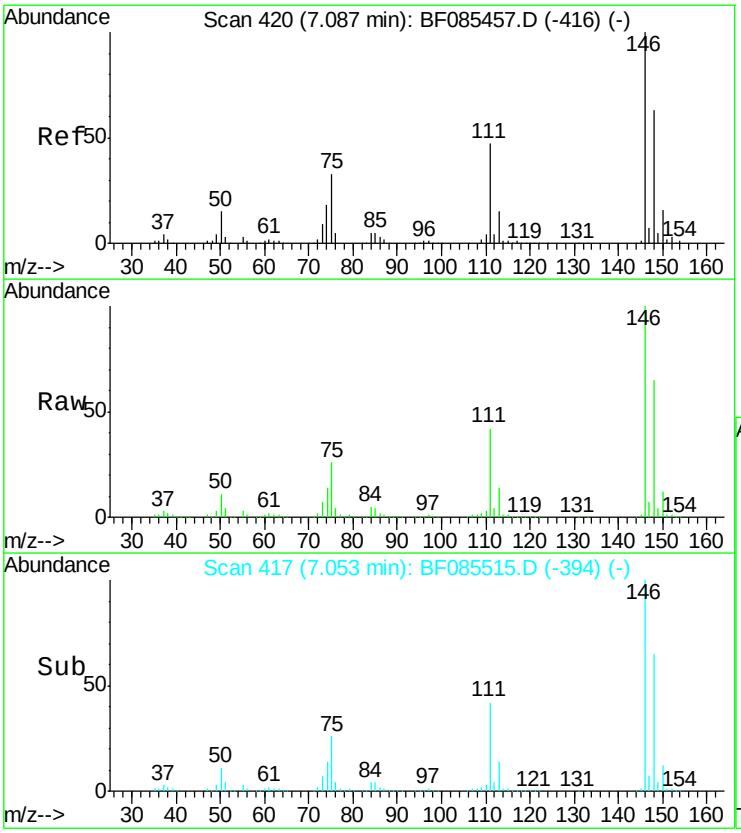
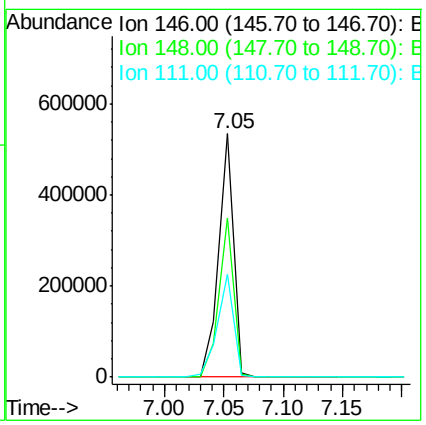
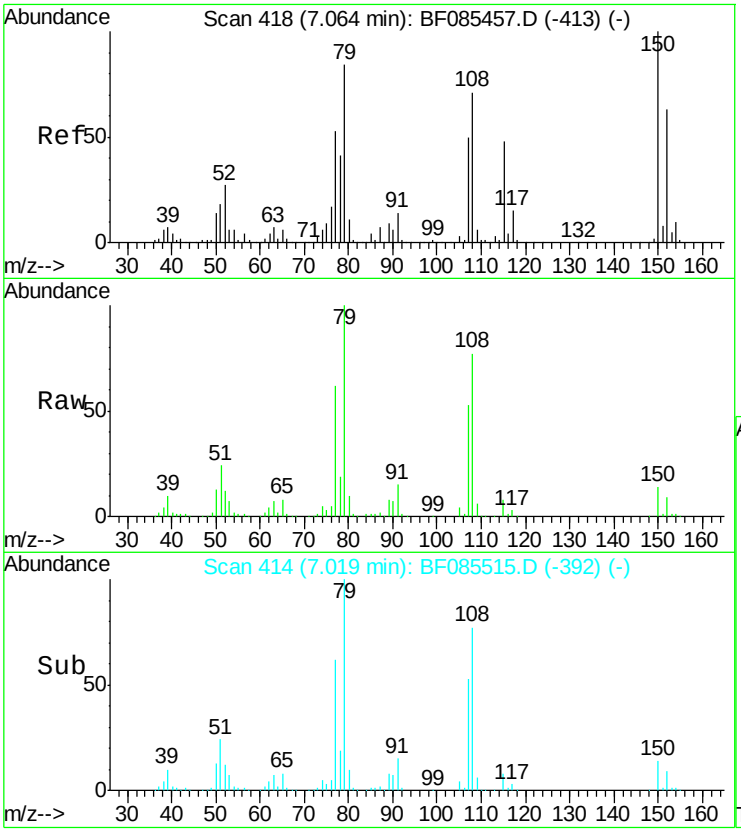



#14
1,2-Dichlorobenzene
Concen: 45.92 ng
RT: 7.05 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:146 Resp: 461892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 51.4 | 77.2 |
| 111 | 42.1 | 36.7 | 55.1 |






#15
Benzyl Alcohol
Concen: 45.94 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 79 Resp: 374748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.3 | 62.9 | 94.3 |
| 77 | 61.9 | 49.5 | 74.3 |

**Instrument :**
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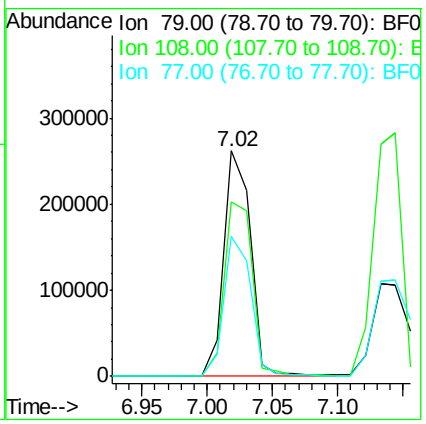
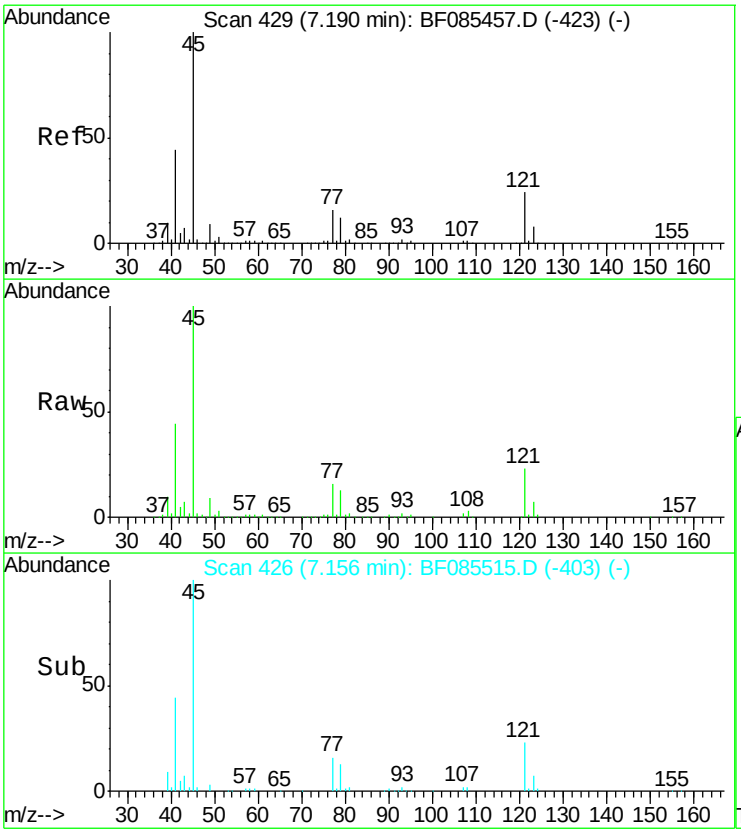
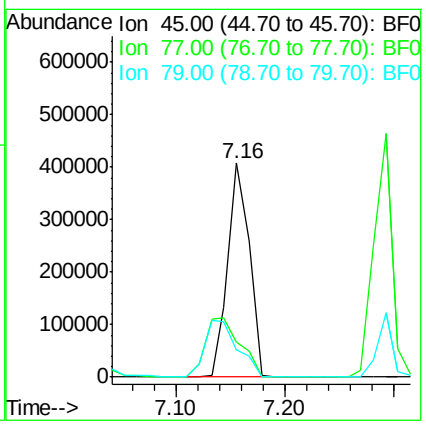


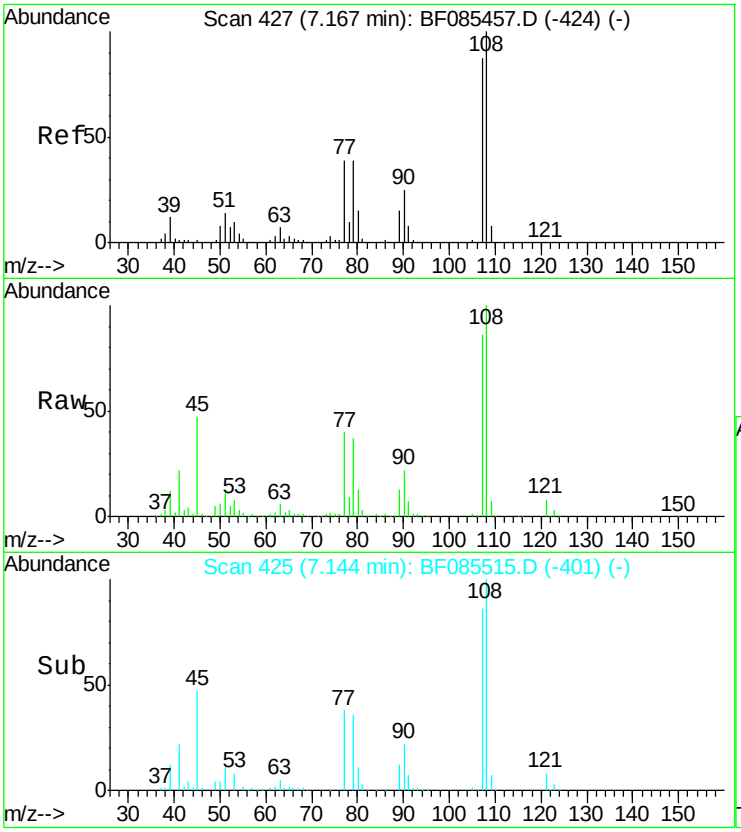




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.53 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 45 Resp: 556782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.3 | 0.0 | 35.1 |
| 79 | 12.8 | 0.0 | 31.3 |

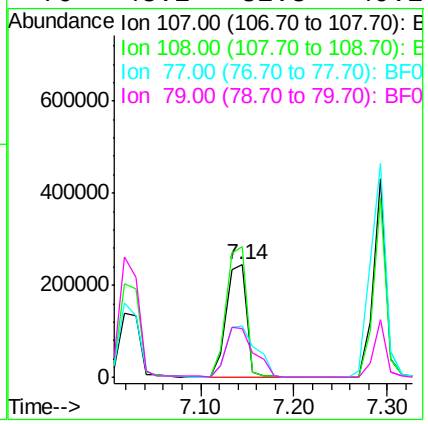





#17
2-Methylphenol
Concen: 43.04 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:107 Resp: 372037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.0 | 90.9 | 136.3 |
| 77 | 45.9 | 32.6 | 48.8 |
| 79 | 43.2 | 32.8 | 49.2 |

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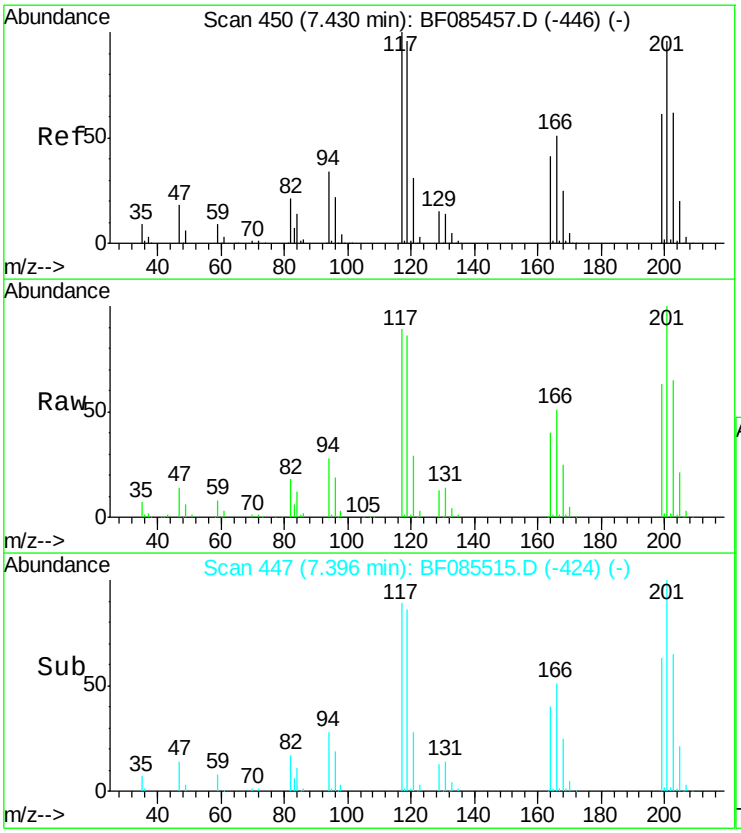
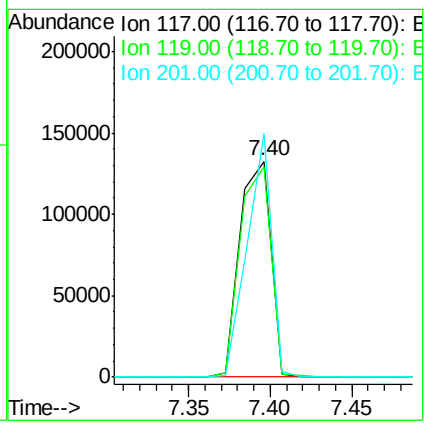
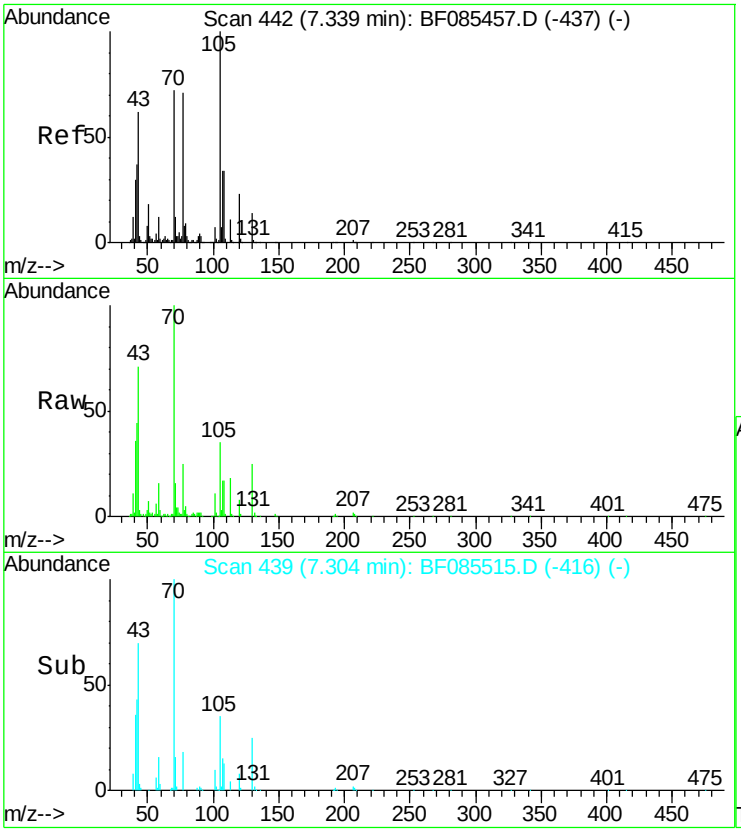



#18
Hexachloroethane
Concen: 41.39 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:117 Resp: 174043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.4 | 78.2 | 117.4 |
| 201 | 112.7 | 72.0 | 108.0# |

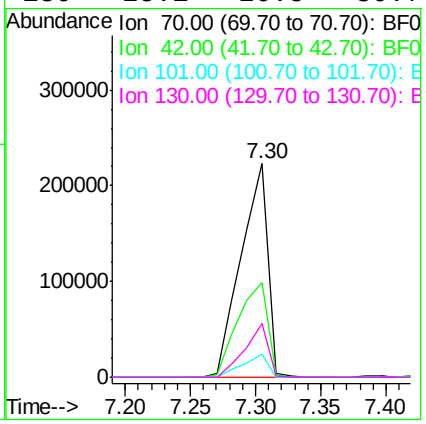





#19
n-Nitroso-di-n-propylamine
Concen: 46.71 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 70 Resp: 319513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.4 | 37.7 | 56.5 |
| 101 | 10.7 | 8.2 | 12.4 |
| 130 | 25.1 | 20.5 | 30.7 |




**Instrument :**
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**ClientSampleId :**
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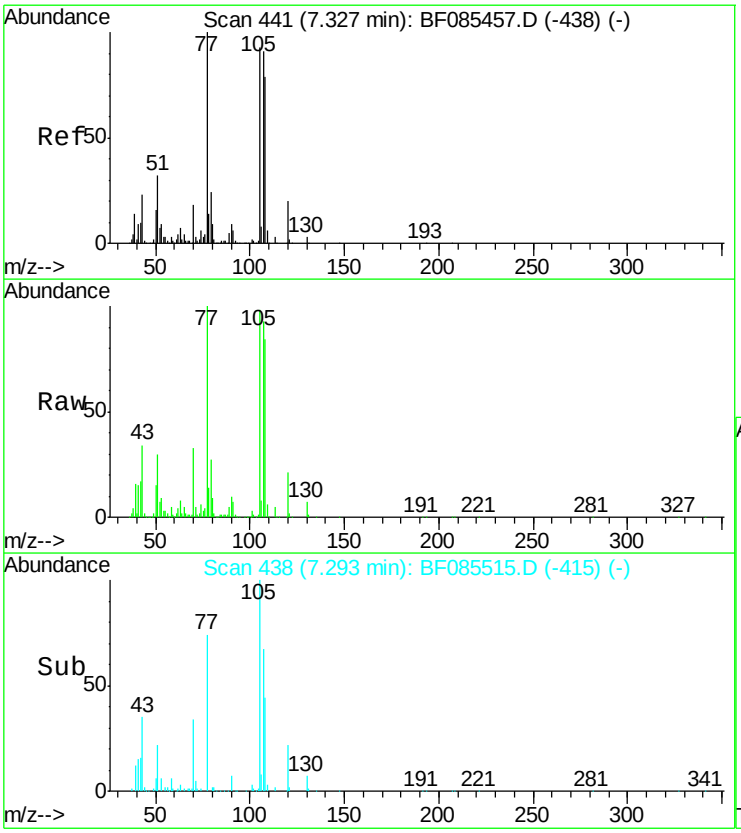
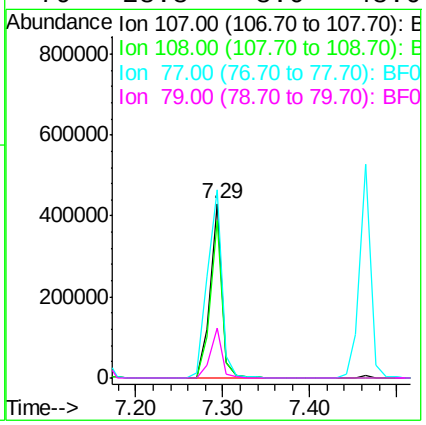
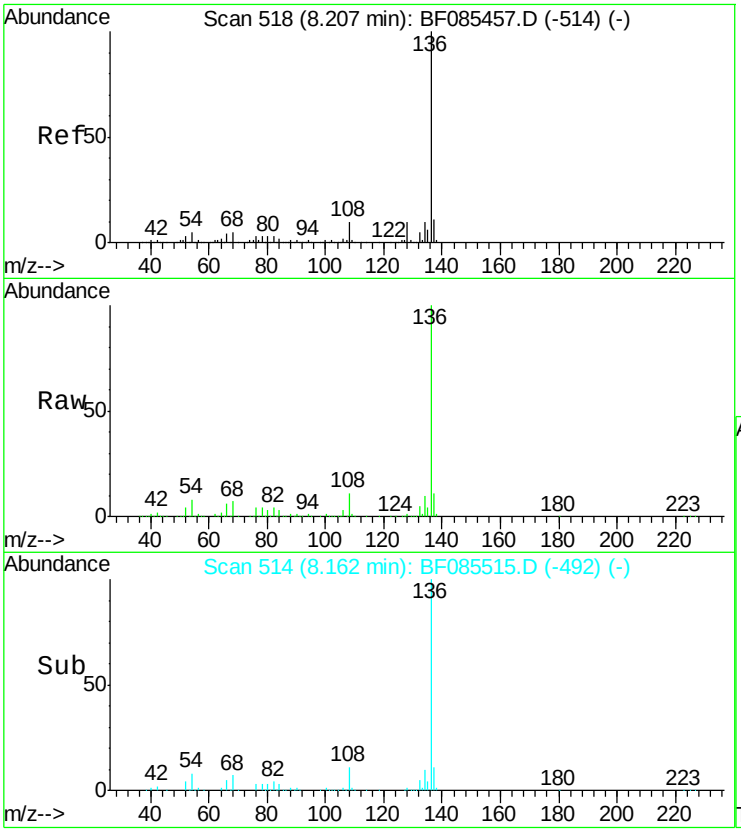



#20
3+4-Methylphenols
Concen: 44.69 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:107 Resp: 414101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.5 | 68.8 | 108.8 |
| 77 | 107.7 | 53.6 | 93.6# |
| 79 | 28.8 | 8.0 | 48.0 |

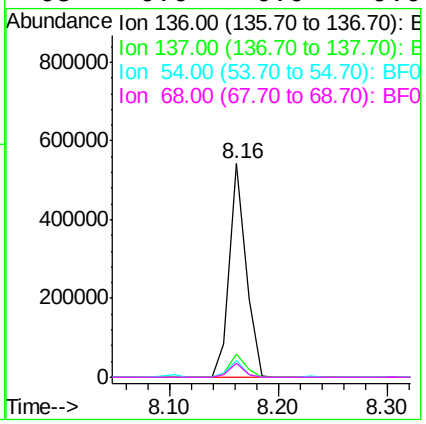





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:136 Resp: 568922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.3 | 13.9 |
| 54 | 8.0 | 7.4 | 11.2 |
| 68 | 6.6 | 6.0 | 9.0 |




**Instrument :**
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**ClientSampleId :**
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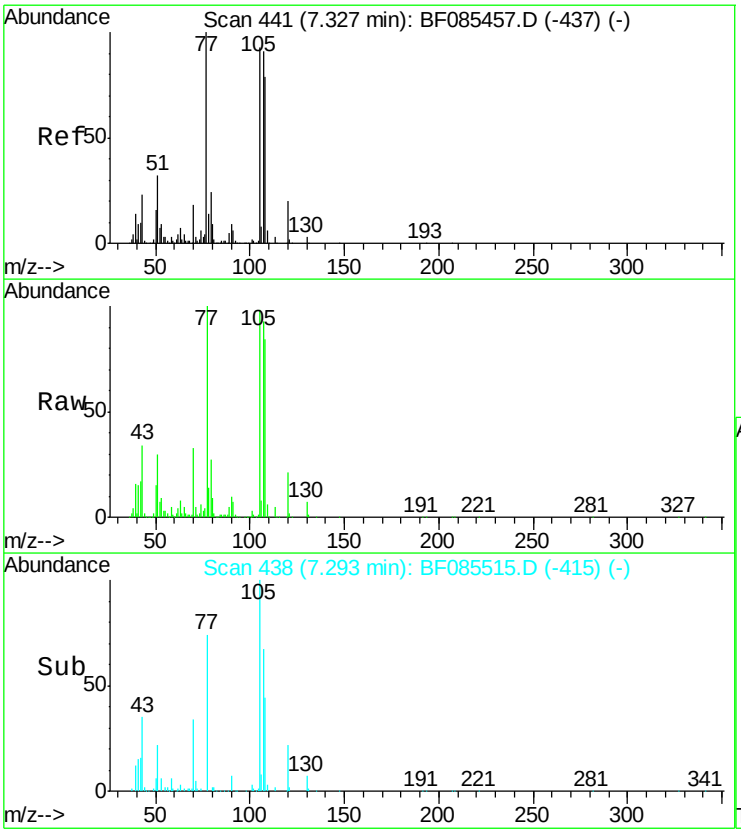
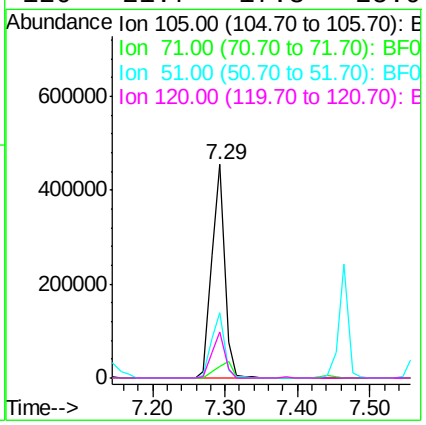
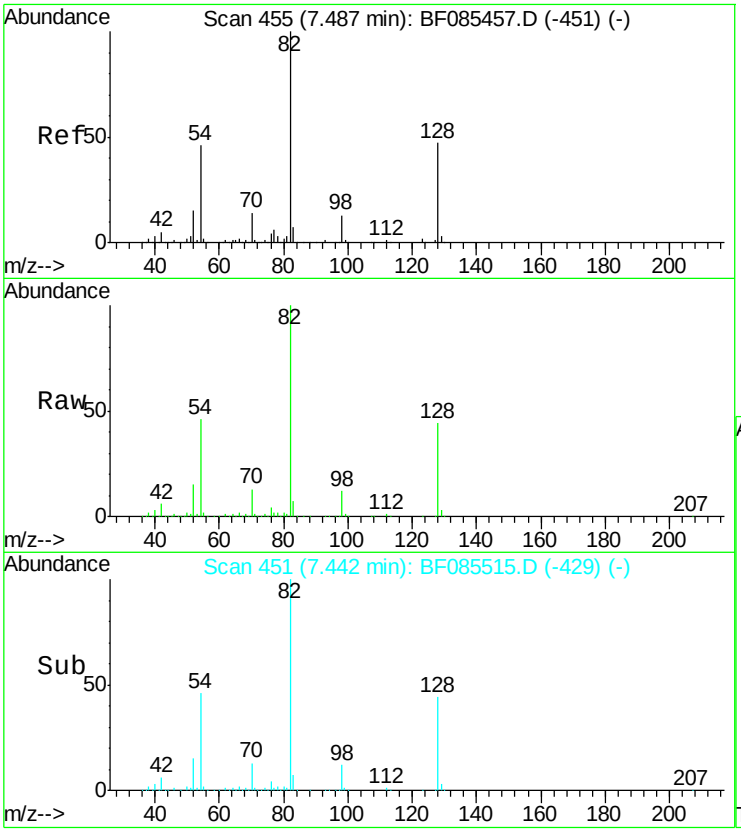



#22
Acetophenone
Concen: 40.56 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:105 Resp: 565500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.6 | 4.1 | 6.1 |
| 51 | 30.8 | 21.1 | 31.7 |
| 120 | 21.7 | 17.3 | 25.9 |

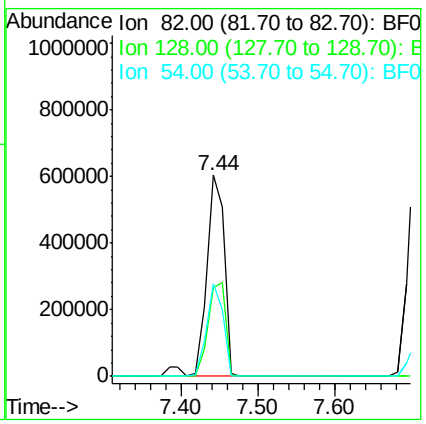





#23
Nitrobenzene-d5
Concen: 95.90 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 82 Resp: 922767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 34.5 | 51.7 |
| 54 | 46.3 | 39.3 | 58.9 |




**Instrument :**
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**ClientSampleId :**
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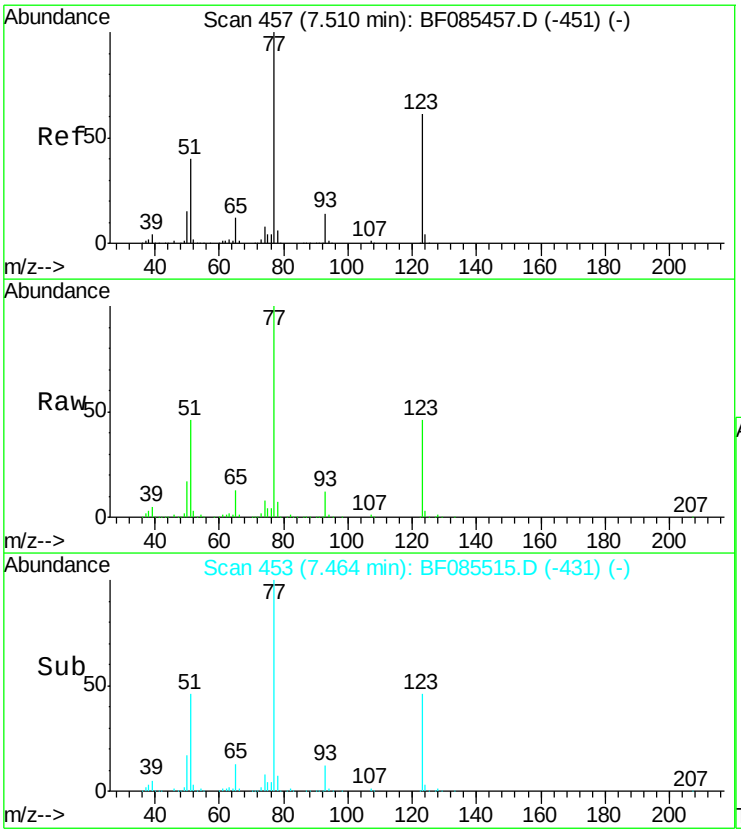
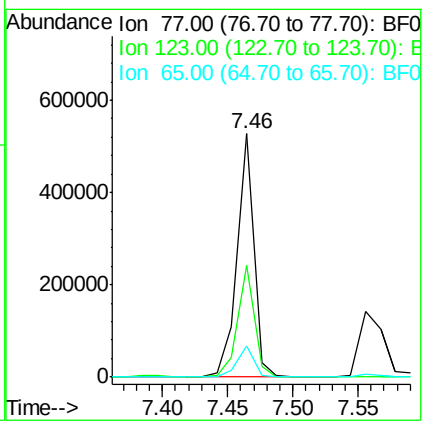
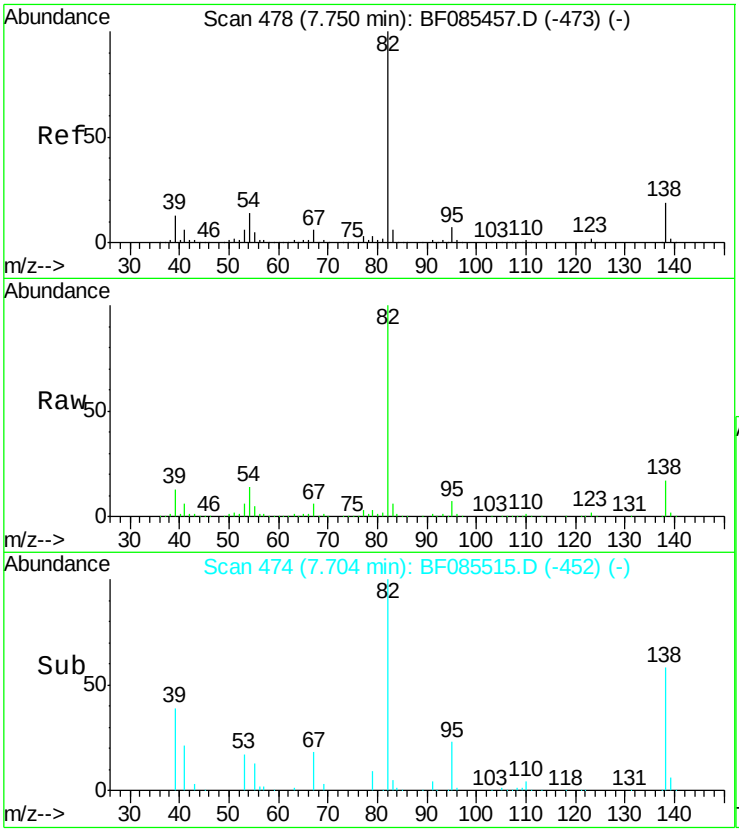



#24
Nitrobenzene
Concen: 43.05 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 77 Resp: 466705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.7 | 35.4 | 53.2 |
| 65 | 12.8 | 10.6 | 16.0 |

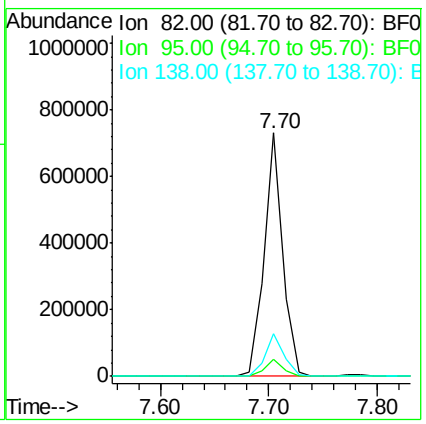





#25
Isophorone
Concen: 44.42 ng
RT: 7.70 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 82 Resp: 871687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.4 | 8.2 |
| 138 | 17.5 | 13.3 | 19.9 |

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**ClientSampleId :**
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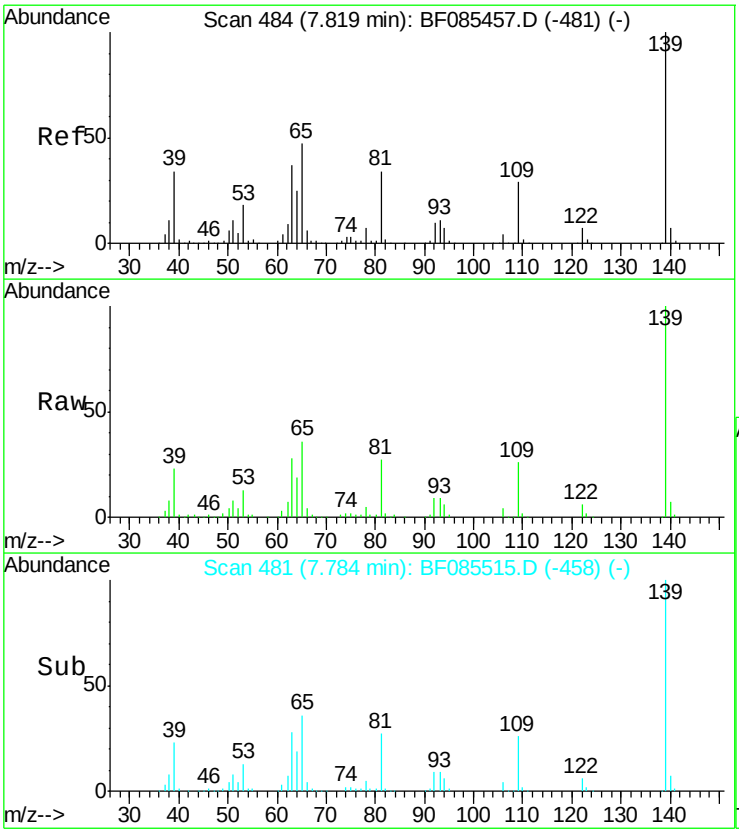
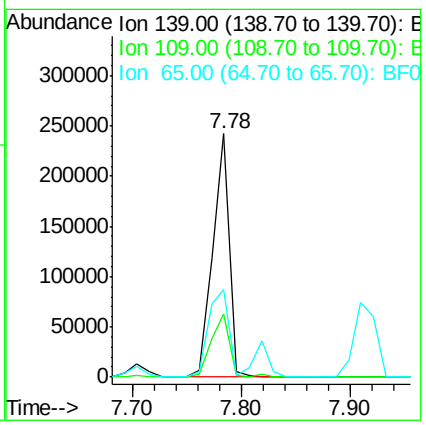
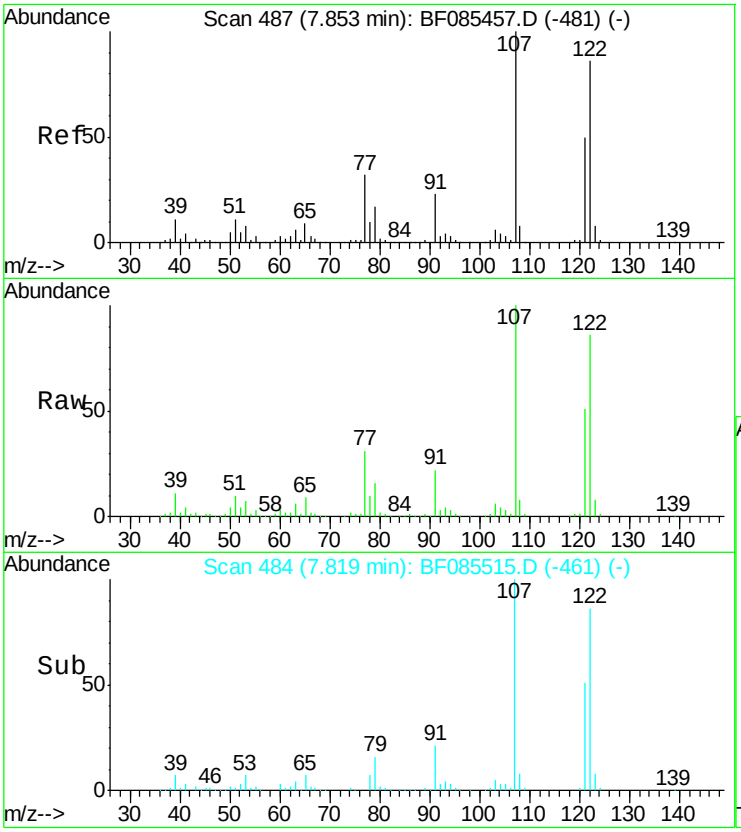



#26
2-Nitrophenol
Concen: 50.01 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:139 Resp: 259741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.1 | 19.1 | 28.7 |
| 65 | 35.7 | 23.9 | 35.9 |

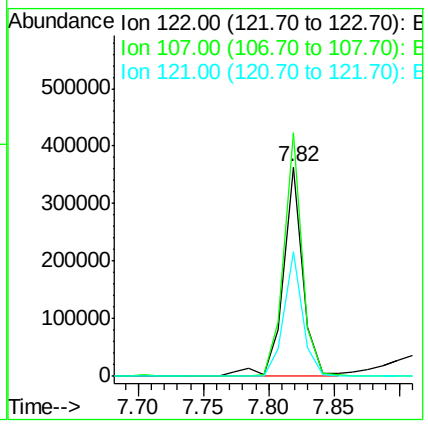





#27
2,4-Dimethylphenol
Concen: 42.13 ng
RT: 7.82 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:122 Resp: 389151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.4 | 84.8 | 127.2 |
| 121 | 59.5 | 47.0 | 70.6 |




**Instrument :**
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**ClientSampleId :**
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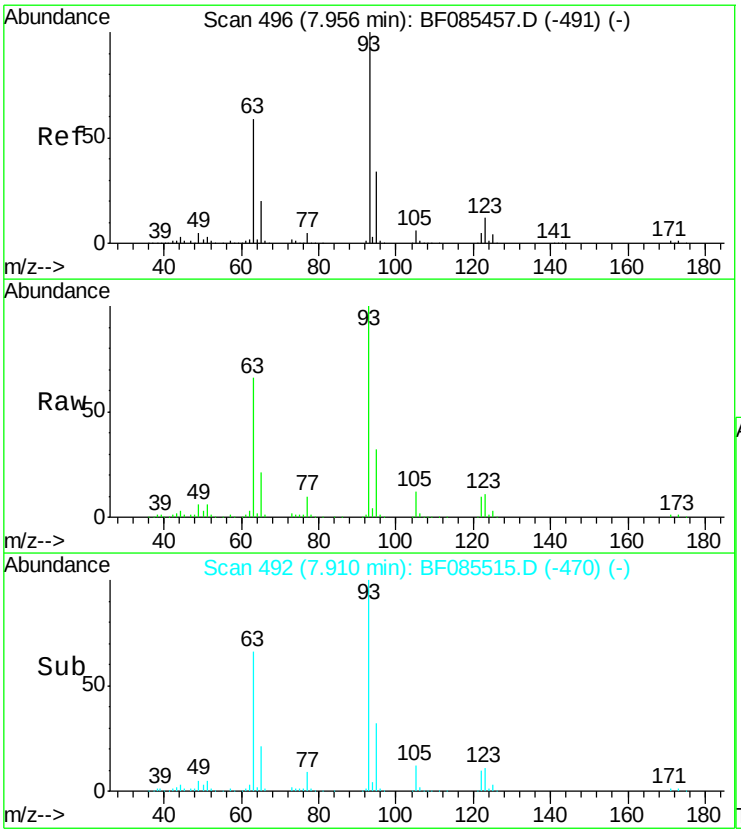
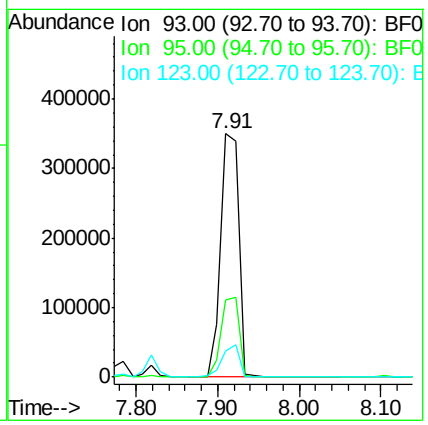
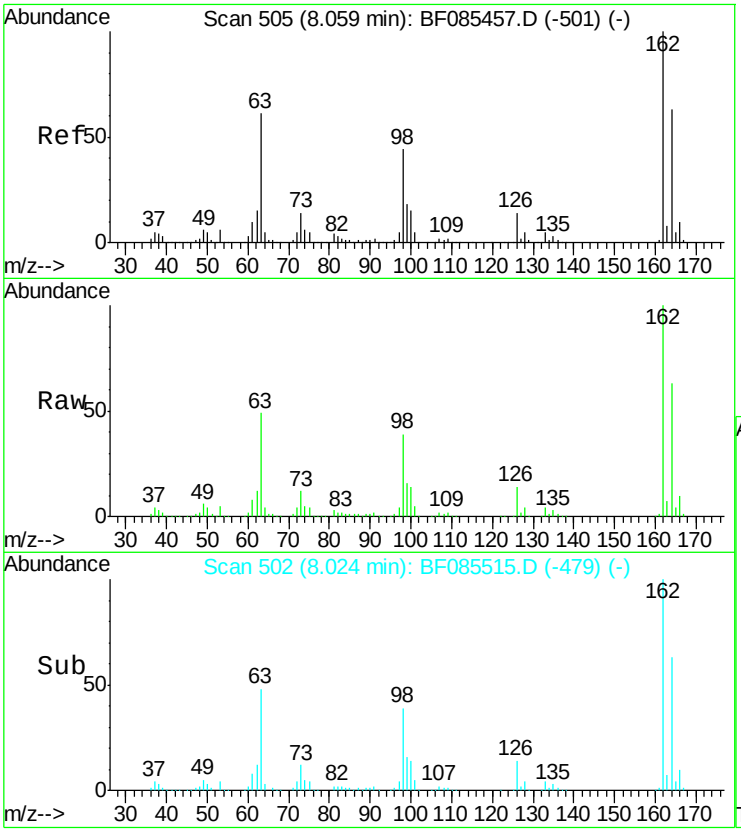



#28
bis(2-Chloroethoxy)methane
Concen: 45.42 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 93 Resp: 532870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 25.9 | 38.9 |
| 123 | 10.8 | 8.8 | 13.2 |

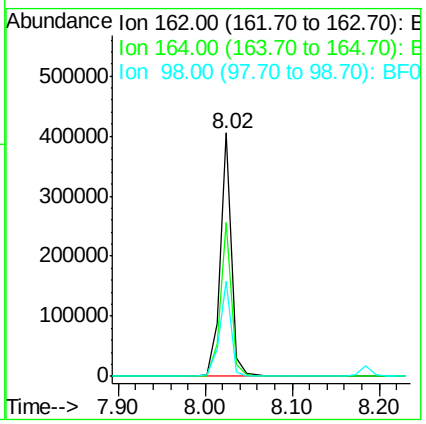





#29
2,4-Dichlorophenol
Concen: 49.04 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:162 Resp: 367548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 45.7 | 85.7 |
| 98 | 39.2 | 9.4 | 49.4 |




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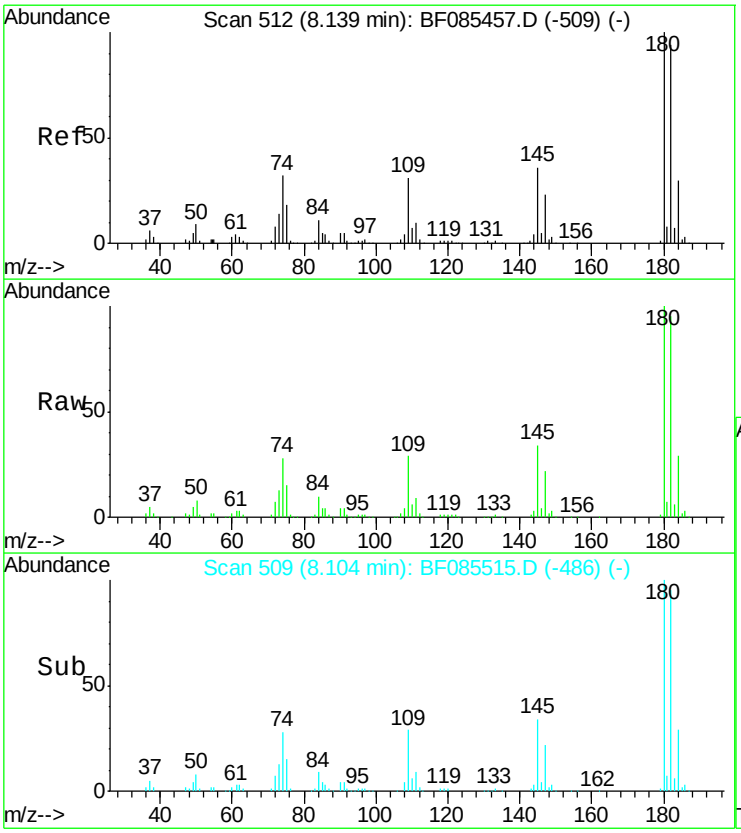
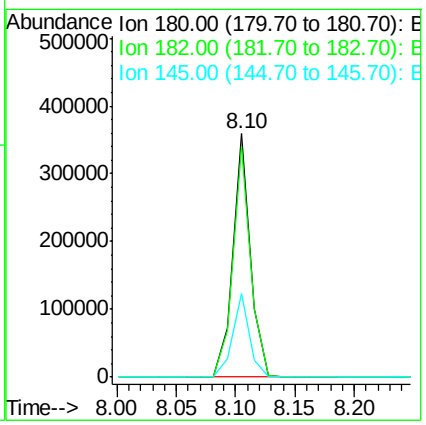
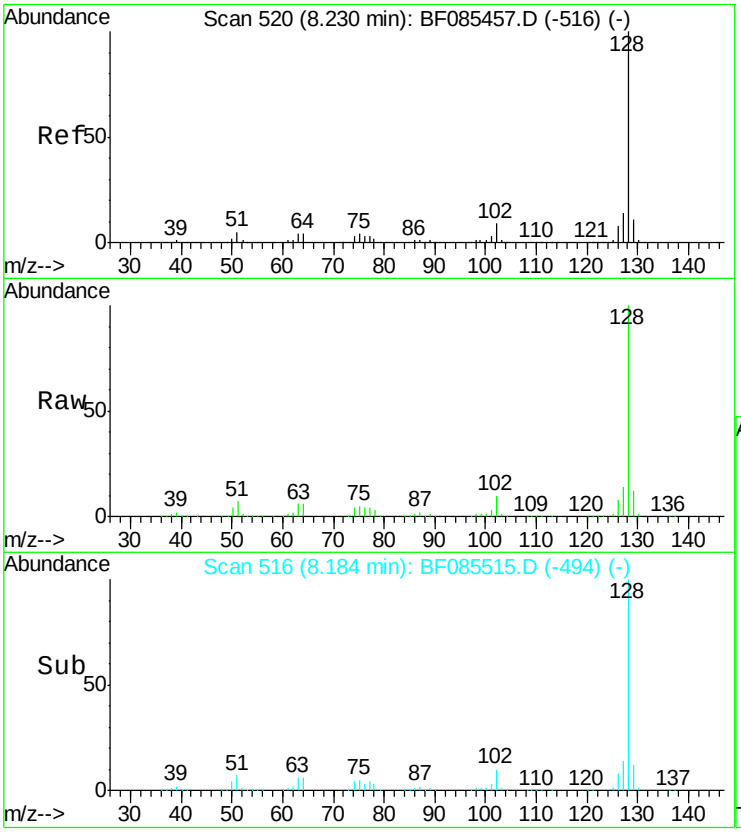



#30
1,2,4-Trichlorobenzene
Concen: 42.56 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:180 Resp: 368542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 74.9 | 112.3 |
| 145 | 34.5 | 27.9 | 41.9 |

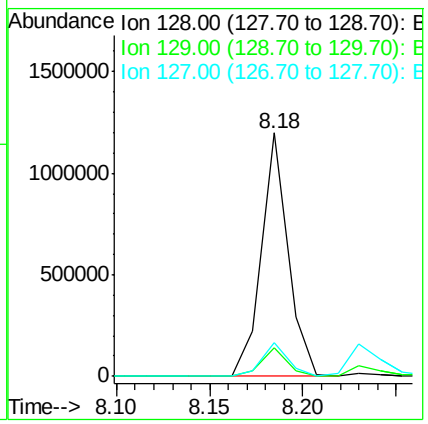





#31
Naphthalene
Concen: 42.69 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:128 Resp: 1186658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.7 | 14.5 |
| 127 | 14.0 | 11.2 | 16.8 |




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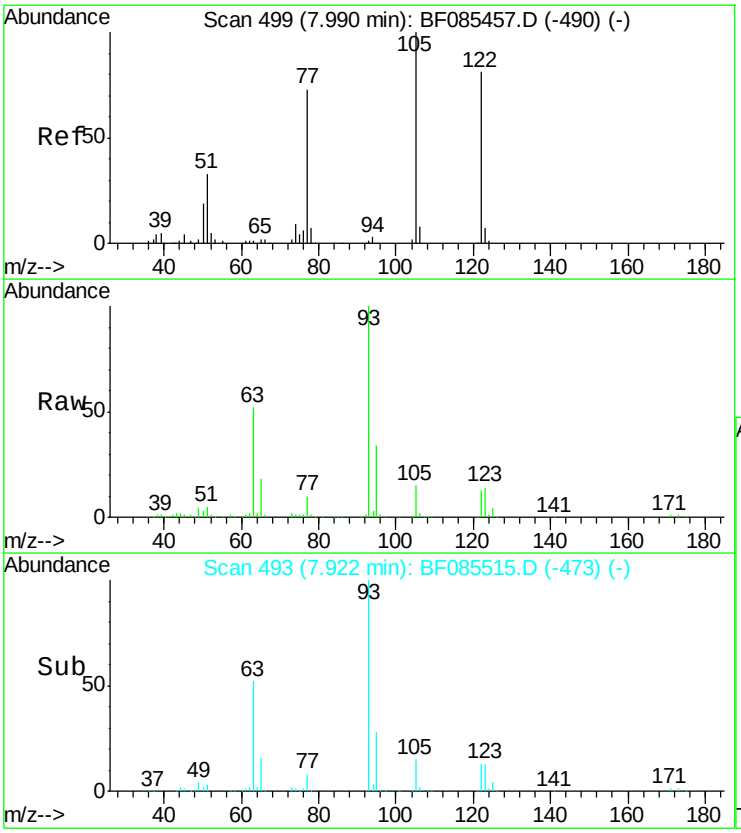
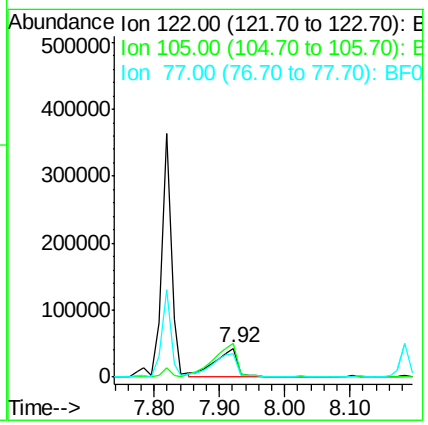
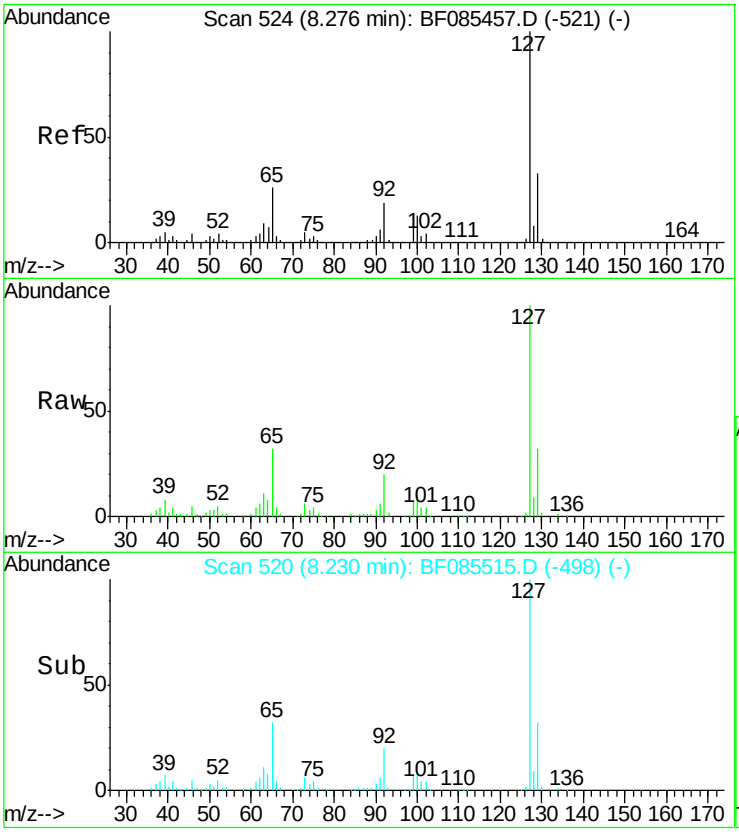



#32
Benzoic acid
Concen: 20.77 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.07 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:122 Resp: 110320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 116.0 | 101.3 | 141.3 |
| 77 | 82.6 | 74.7 | 114.7 |

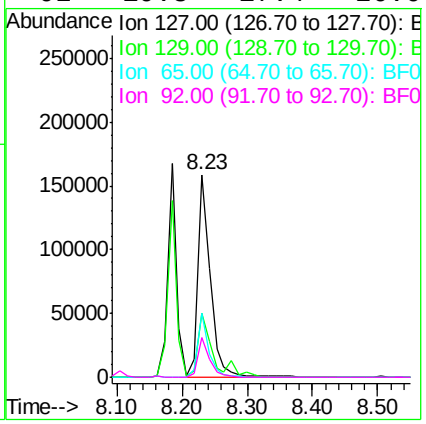





#33
4-Chloroaniline
Concen: 17.24 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:127 Resp: 206117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.7 | 26.1 | 39.1 |
| 65 | 31.9 | 27.0 | 40.6 |
| 92 | 19.8 | 17.4 | 26.0 |




**Instrument :**
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**ClientSampleId :**
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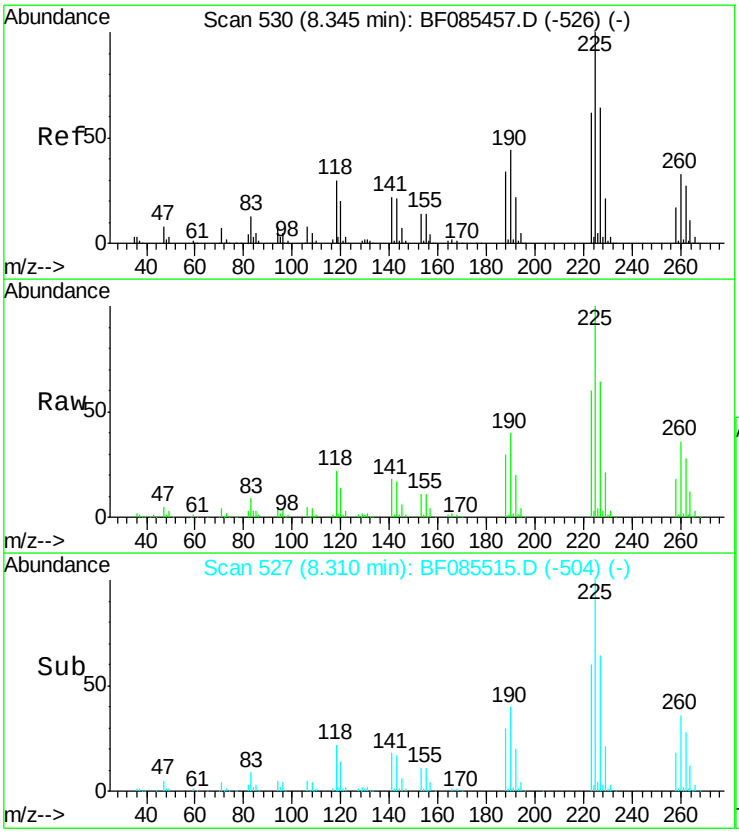
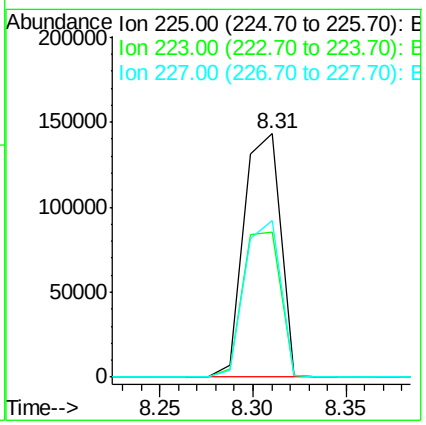
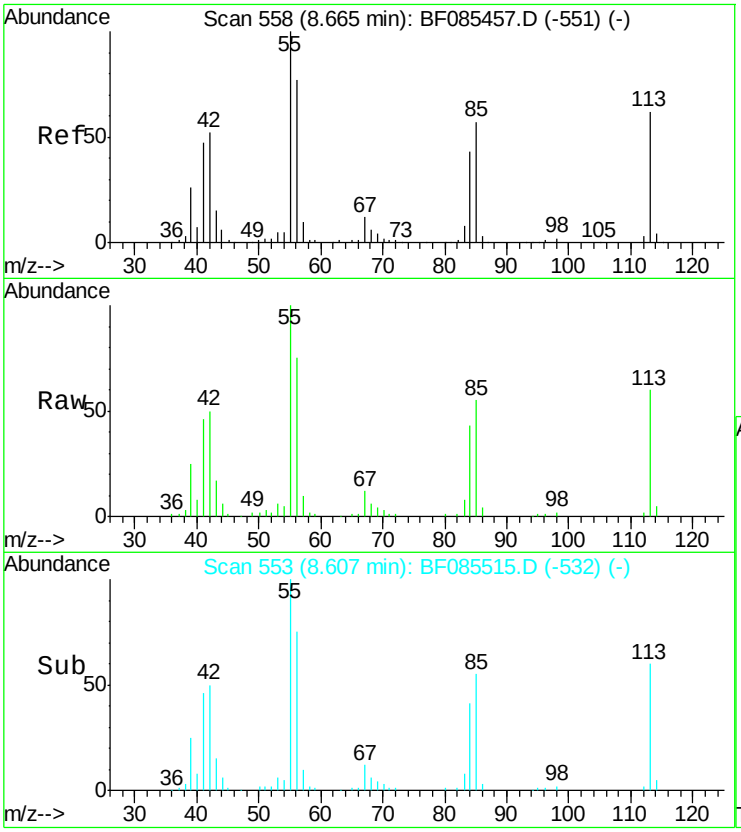



#34
Hexachlorobutadiene
Concen: 42.84 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:225 Resp: 193928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.6 | 49.7 | 74.5 |
| 227 | 64.3 | 52.2 | 78.4 |

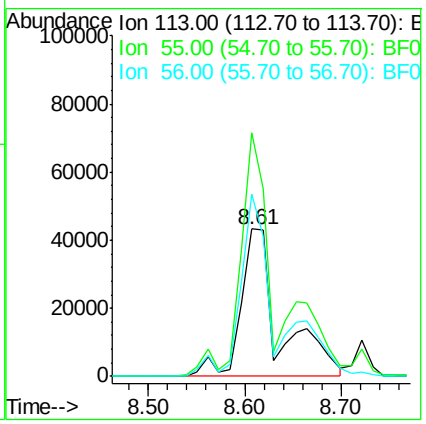





#35
Caprolactam
Concen: 49.83 ng m
RT: 8.61 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:113 Resp: 121946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 165.6 | 152.7 | 192.7 |
| 56 | 123.6 | 109.0 | 149.0 |




**Instrument :**
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**ClientSampleId :**
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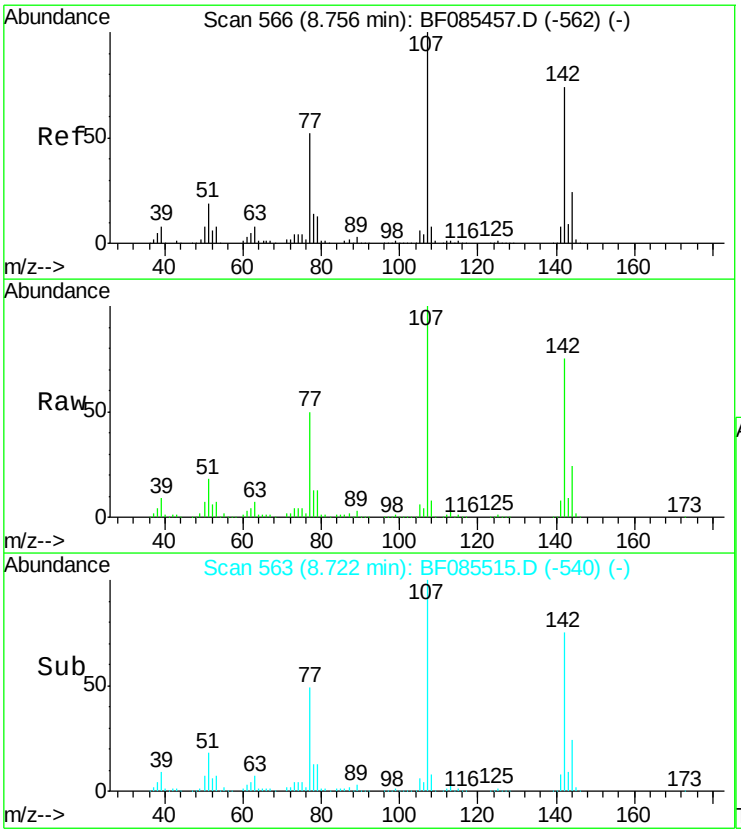
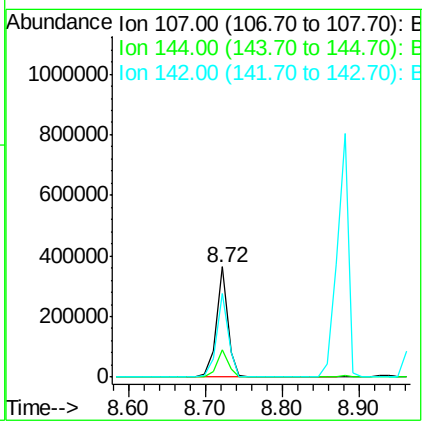
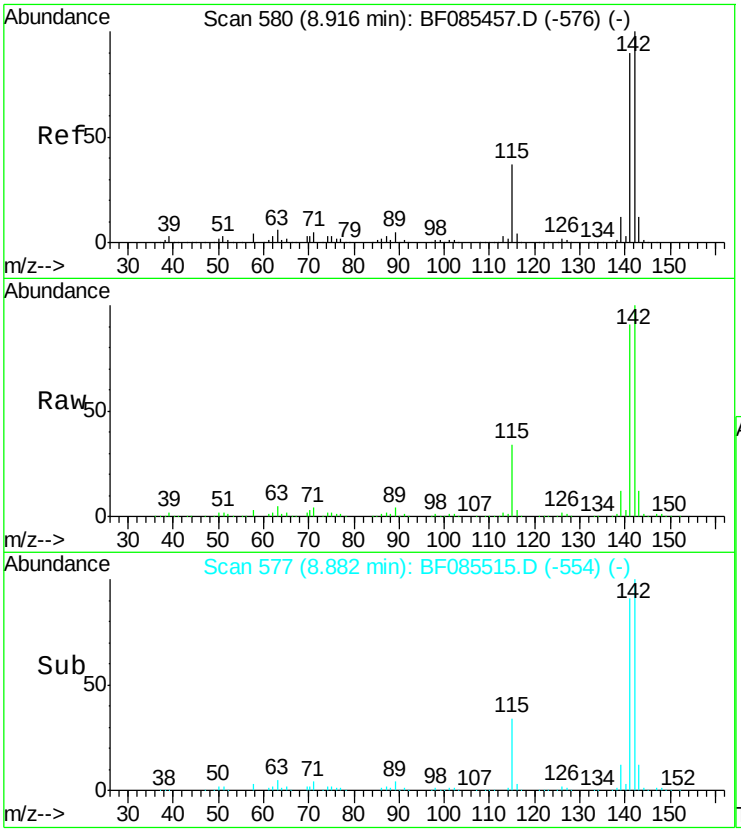



#36
4-Chloro-3-methylphenol
Concen: 44.13 ng
RT: 8.72 min Scan# 563
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:107 Resp: 377651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.3 | 19.4 | 29.2 |
| 142 | 75.3 | 59.4 | 89.2 |

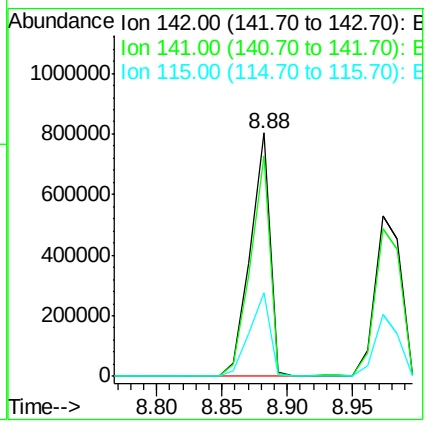





#37
2-Methylnaphthalene
Concen: 48.22 ng
RT: 8.88 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:142 Resp: 848825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 71.7 | 107.5 |
| 115 | 34.2 | 26.2 | 39.4 |




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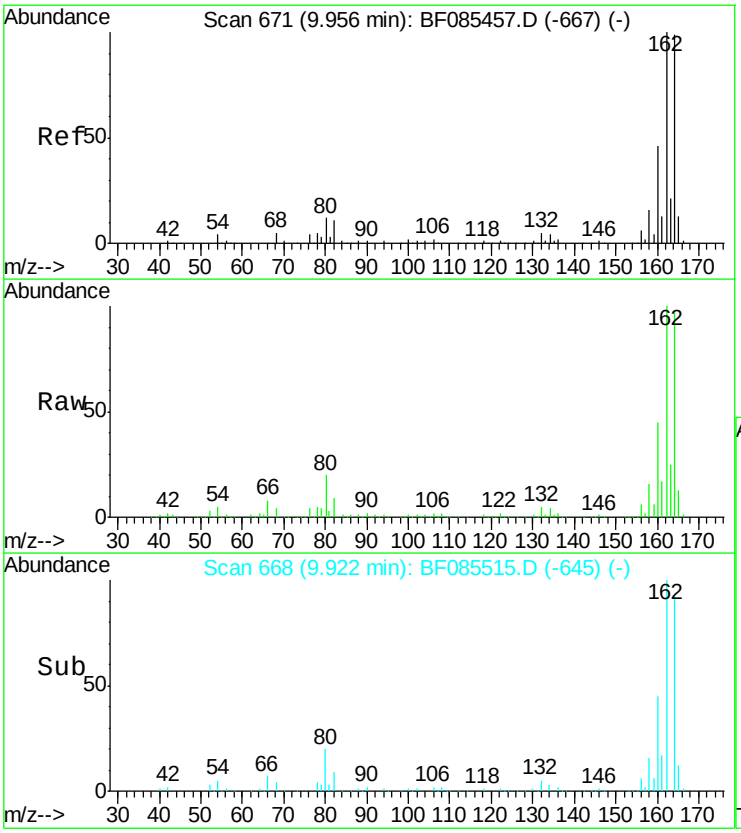
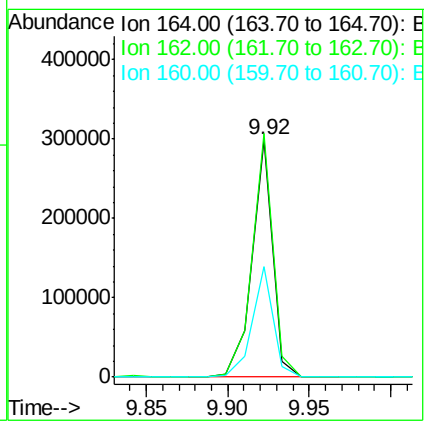
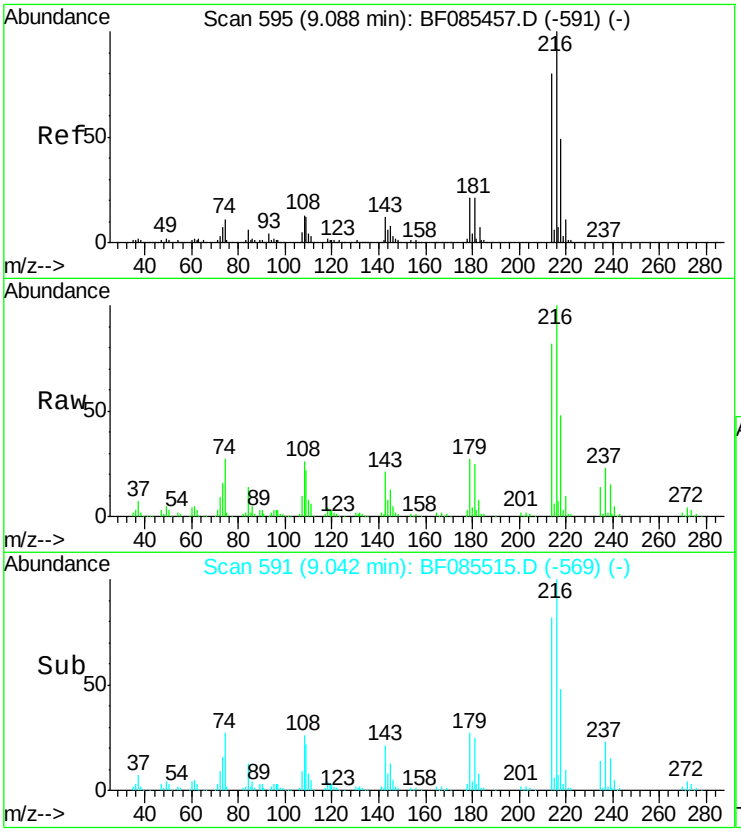



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:164 Resp: 262097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 83.3 | 124.9 |
| 160 | 46.4 | 37.9 | 56.9 |

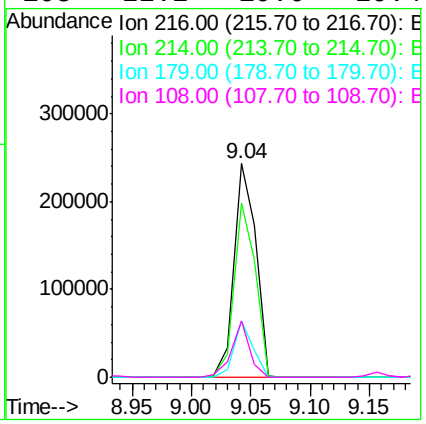





#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.29 ng
RT: 9.04 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:216 Resp: 312111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 63.8 | 95.6 |
| 179 | 23.1 | 19.6 | 29.4 |
| 108 | 22.2 | 19.6 | 29.4 |




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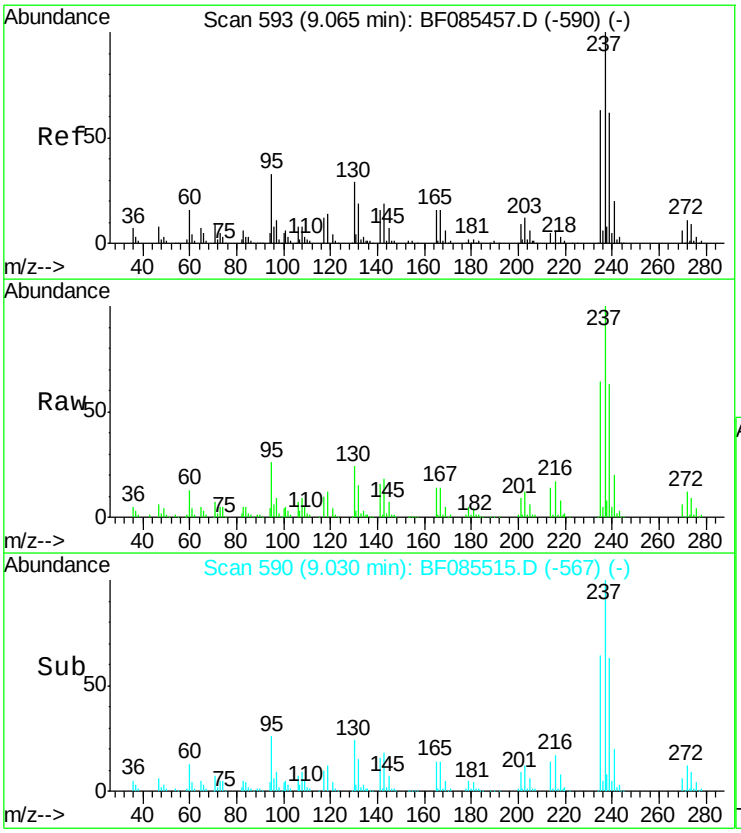
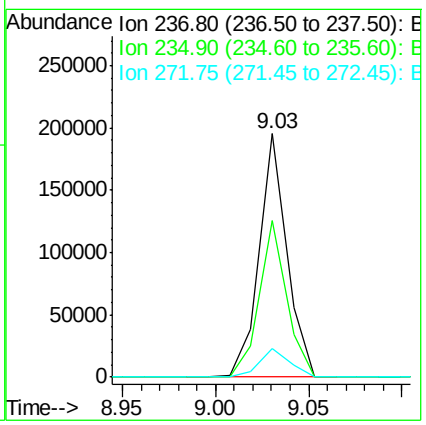
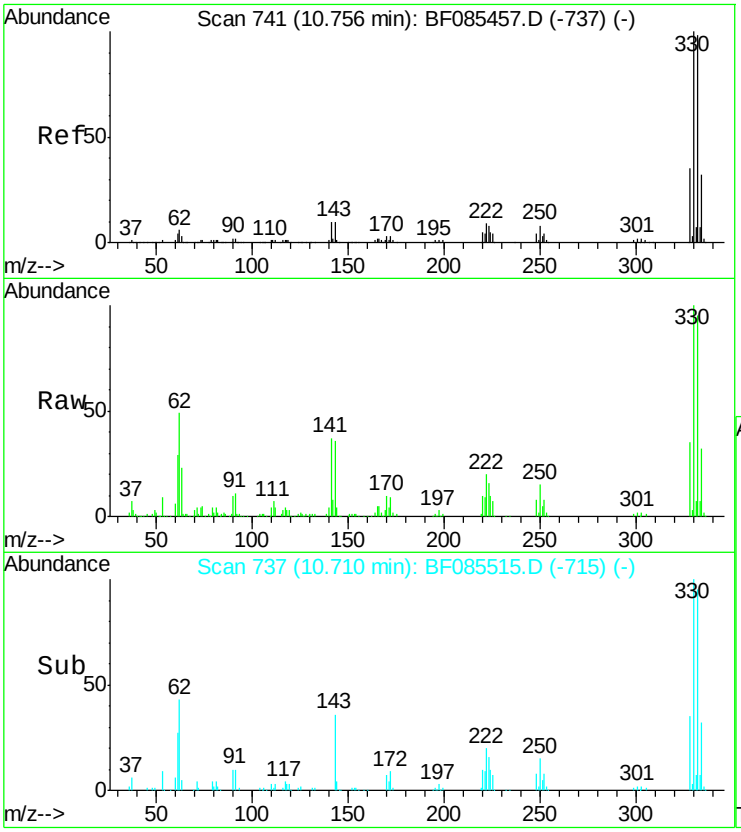



#40
Hexachlorocyclopentadiene
Concen: 50.74 ng
RT: 9.03 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:237 Resp: 199900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 43.7 | 83.7 |
| 272 | 11.8 | 0.0 | 31.5 |

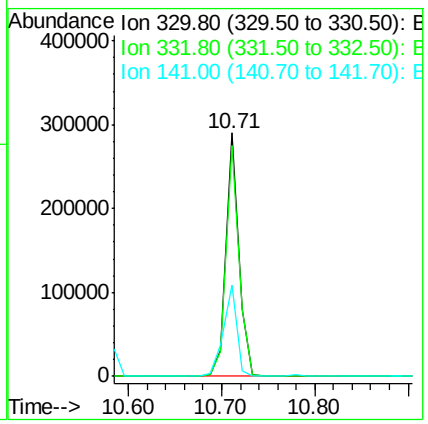





#41
2,4,6-Tribromophenol
Concen: 116.72 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:330 Resp: 281756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.1 | 115.7 |
| 141 | 38.2 | 35.0 | 52.6 |




**Instrument :**
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**ClientSampleId :**
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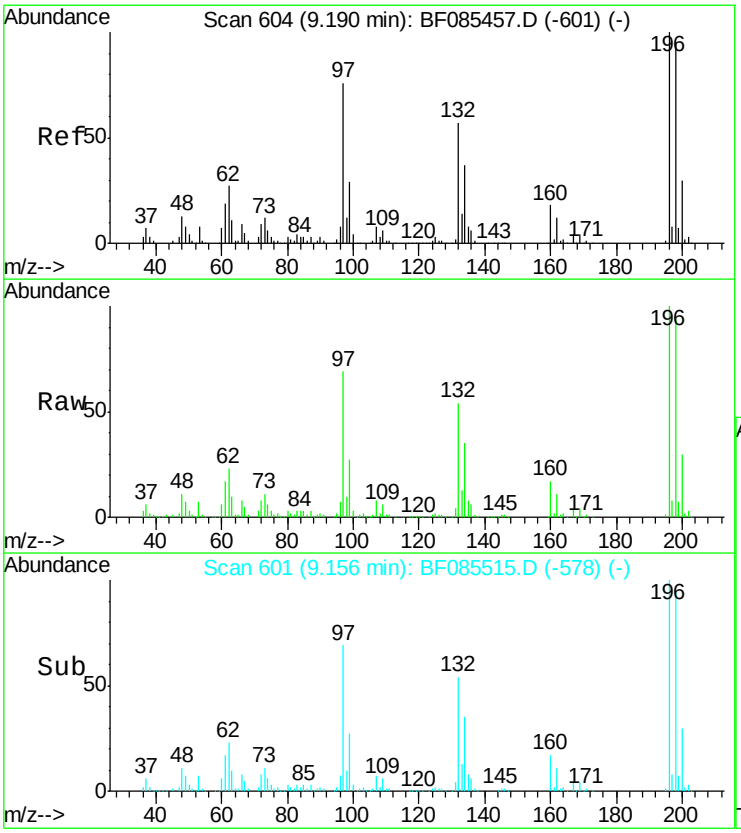
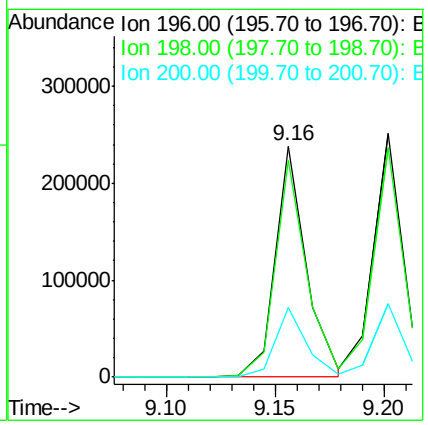
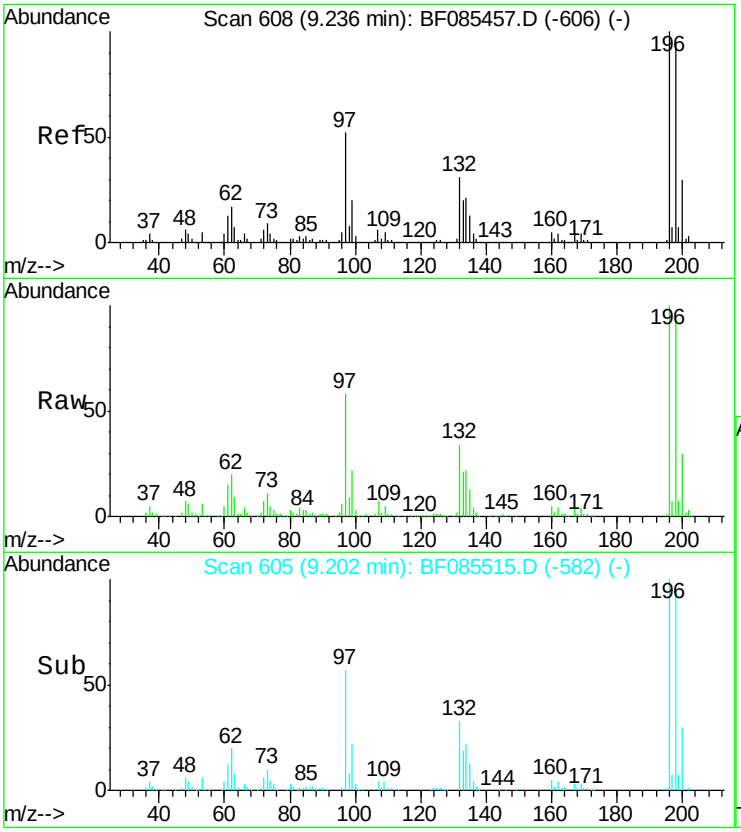



#42
2,4,6-Trichlorophenol
Concen: 44.35 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:196 Resp: 238774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.7 | 77.8 | 116.6 |
| 200 | 30.0 | 25.0 | 37.6 |

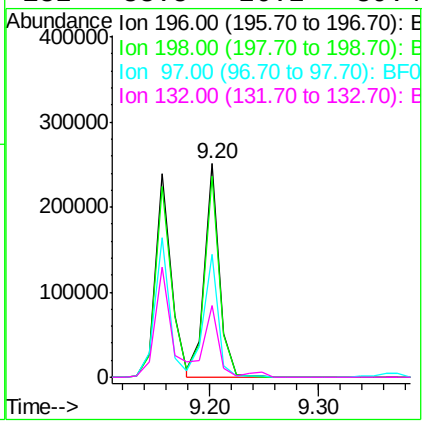





#43
2,4,5-Trichlorophenol
Concen: 44.12 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:196 Resp: 239948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.3 | 75.7 | 113.5 |
| 97 | 57.8 | 46.4 | 69.6 |
| 132 | 33.5 | 26.2 | 39.4 |




**Instrument :**
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**ClientSampleId :**
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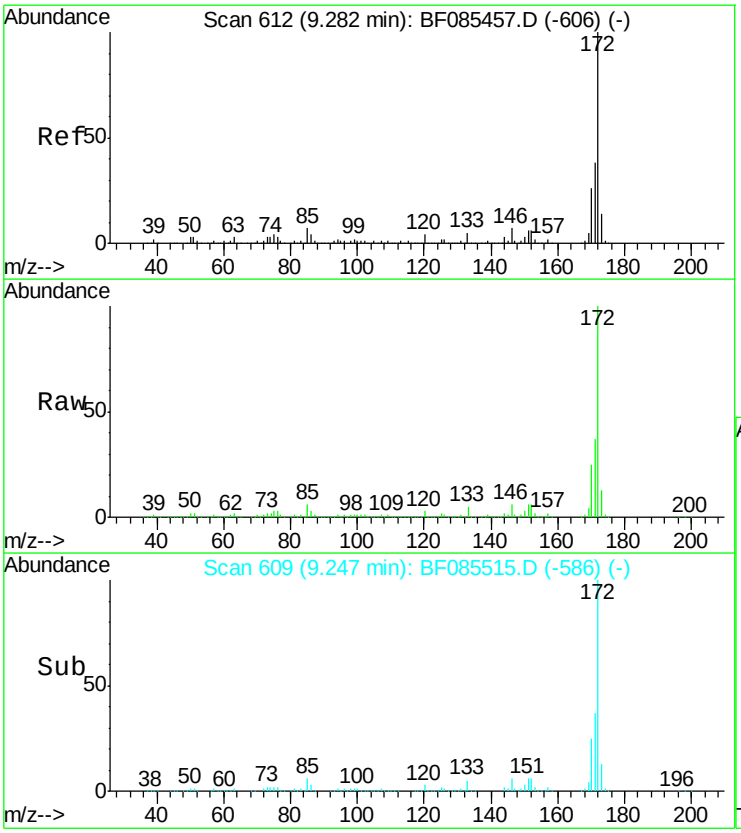
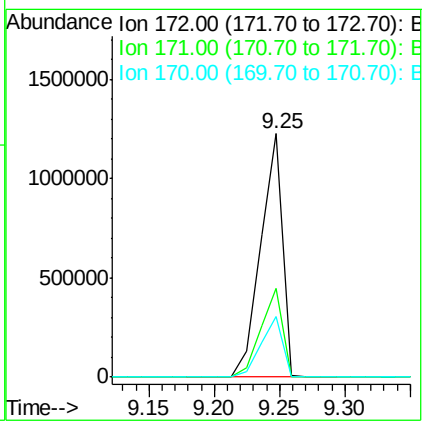
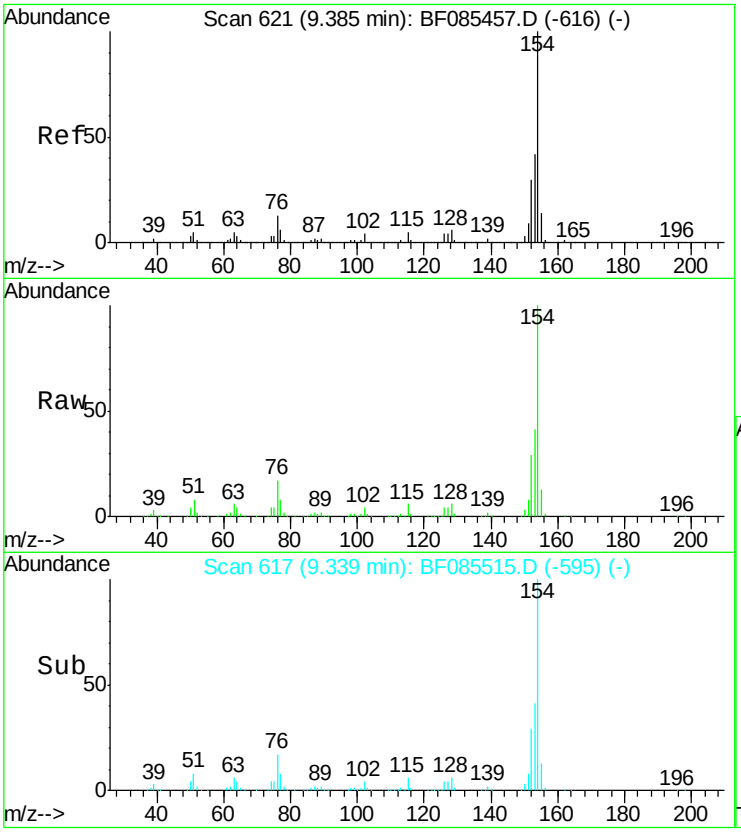



#44
2-Fluorobiphenyl
Concen: 95.15 ng
RT: 9.25 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:172 Resp: 1437453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.3 | 43.9 |
| 170 | 25.1 | 20.0 | 30.0 |

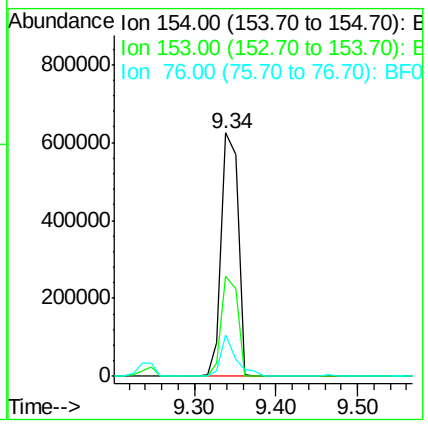





#45
1,1'-Biphenyl
Concen: 41.48 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:154 Resp: 887395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 21.4 | 61.4 |
| 76 | 17.0 | 0.0 | 37.5 |




**Instrument :**
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**ClientSampleId :**
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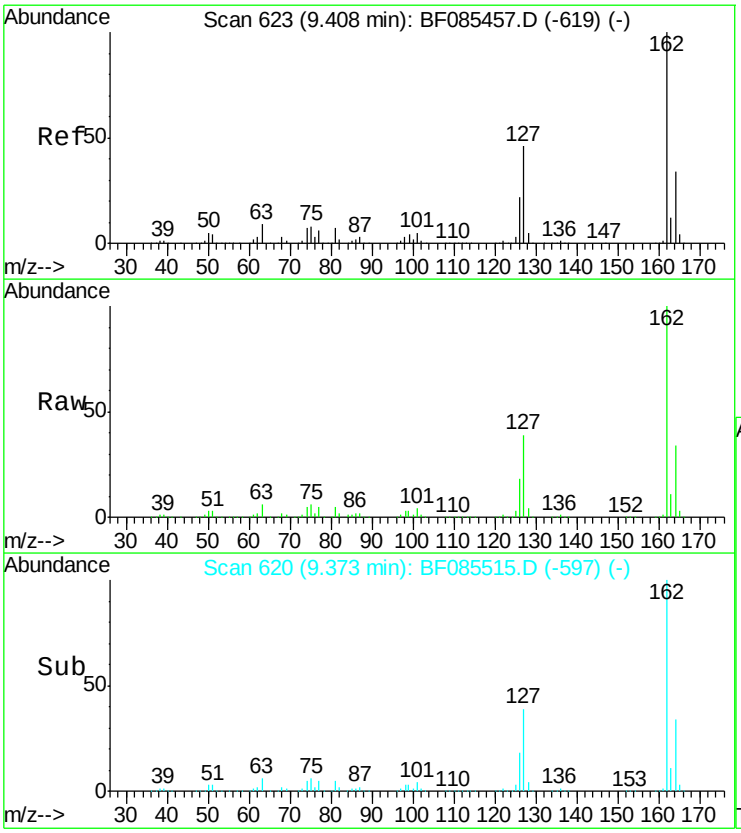
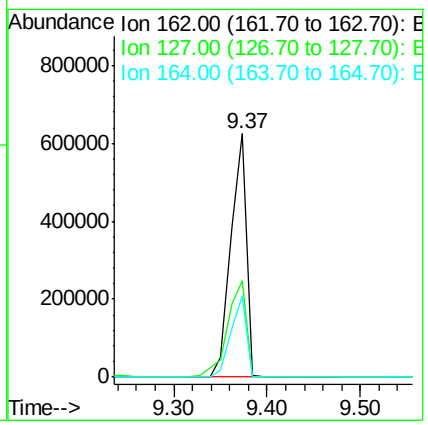
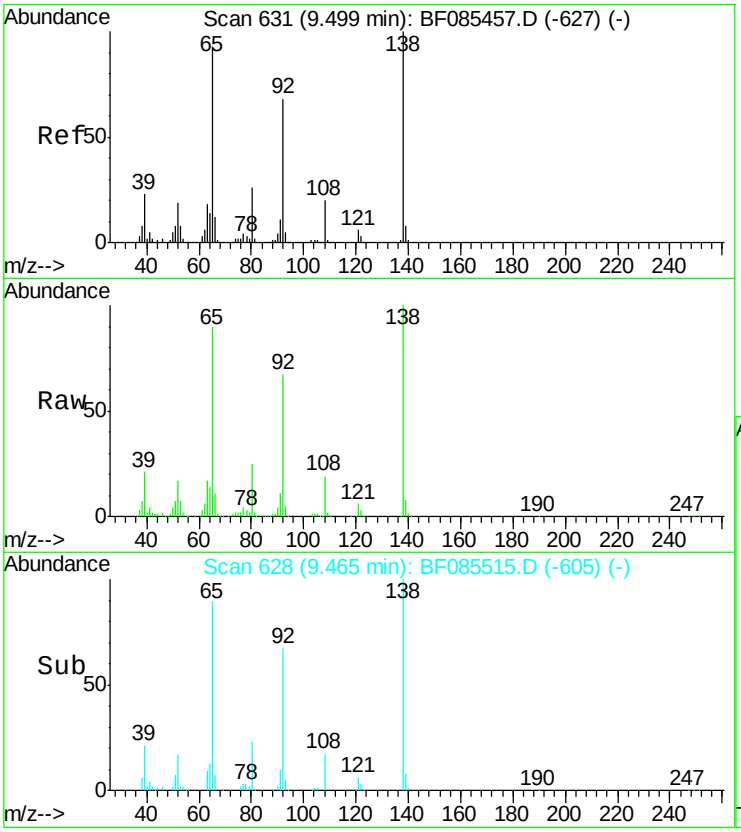



#46
2-Chloronaphthalene
Concen: 46.06 ng
RT: 9.37 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:162 Resp: 738342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.4 | 31.6 | 47.4 |
| 164 | 33.5 | 27.1 | 40.7 |

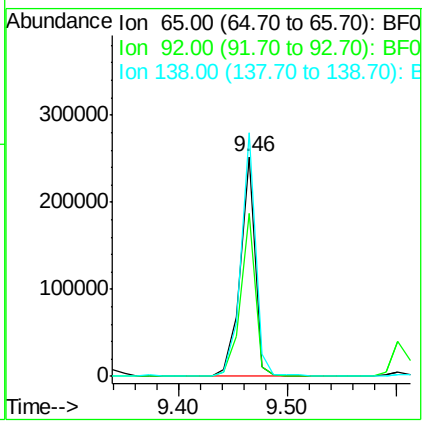





#47
2-Nitroaniline
Concen: 48.61 ng
RT: 9.46 min Scan# 628
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 65 Resp: 235936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 73.8 | 55.4 | 83.2 |
| 138 | 110.7 | 75.7 | 113.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

**Manual Integrations APPROVED**
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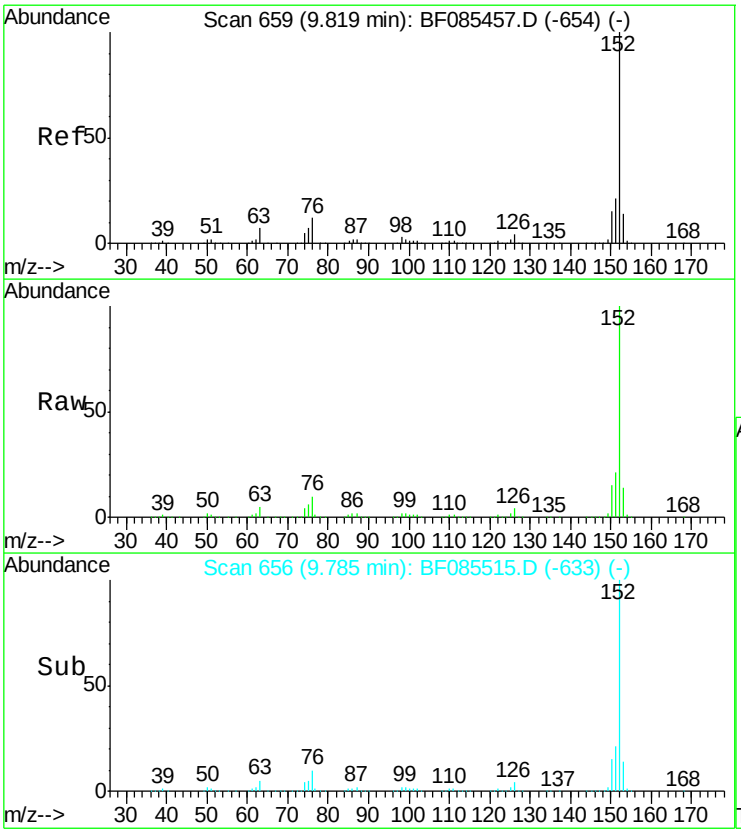
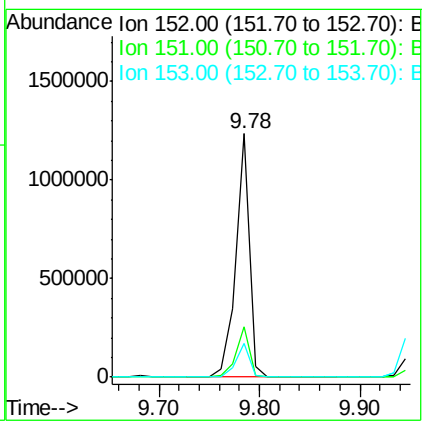
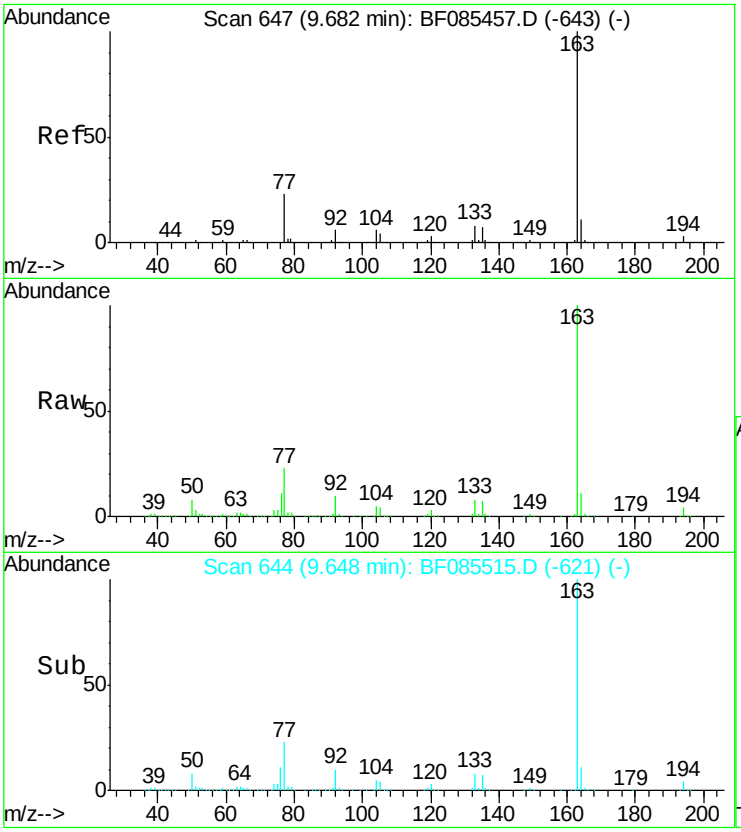



#48
Acenaphthylene
Concen: 44.34 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:152 Resp: 1149857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 17.5 | 26.3 |
| 153 | 13.6 | 11.3 | 16.9 |

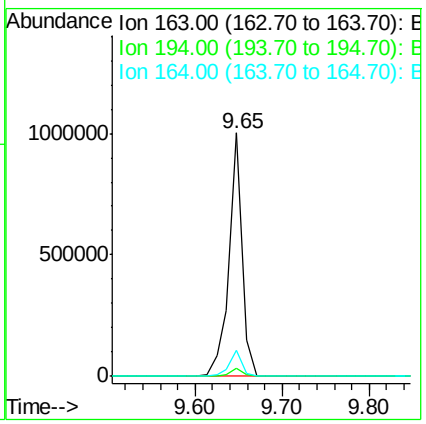





#49
Dimethylphthalate
Concen: 54.37 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:163 Resp: 1039606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 3.1 | 4.7 |
| 164 | 10.7 | 8.2 | 12.4 |




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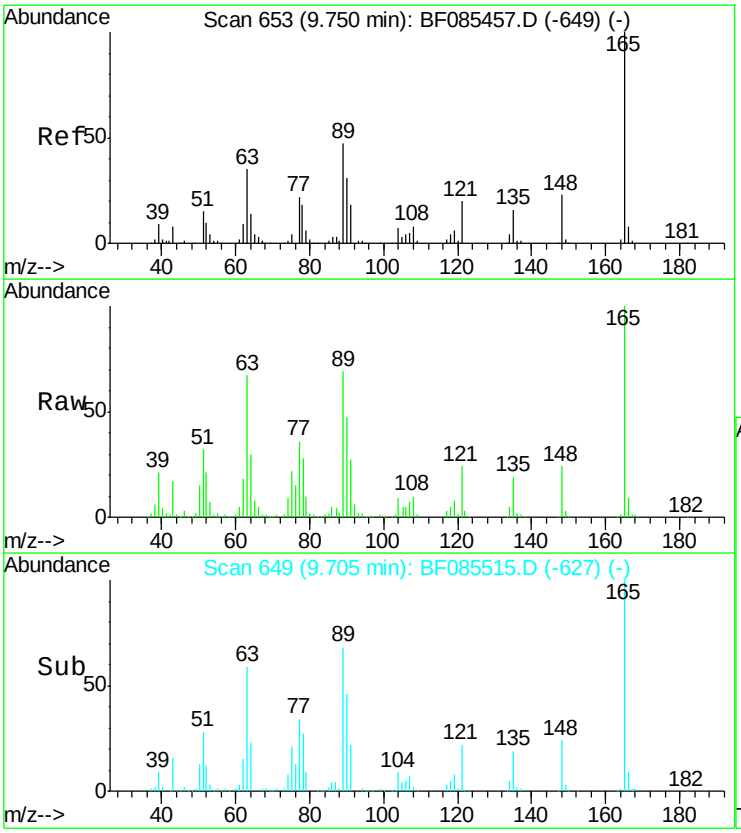
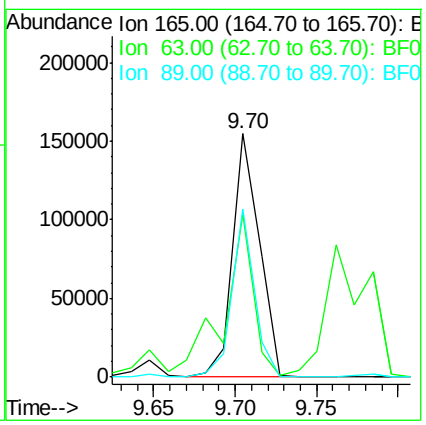
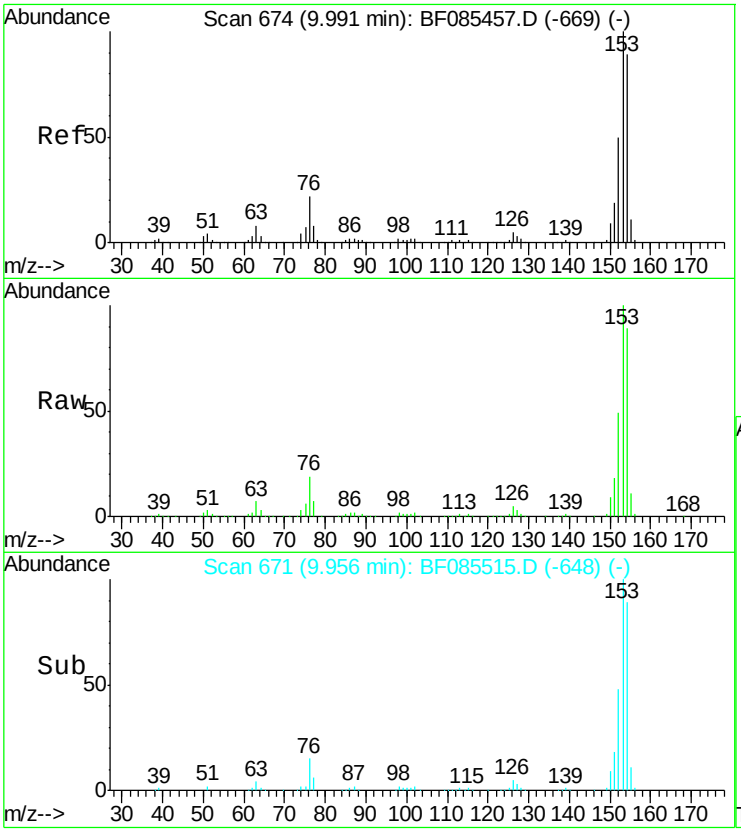



#50
2,6-Dinitrotoluene
Concen: 41.12 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:165 Resp: 173727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.9 | 41.8 | 62.8# |
| 89 | 68.9 | 46.7 | 70.1 |

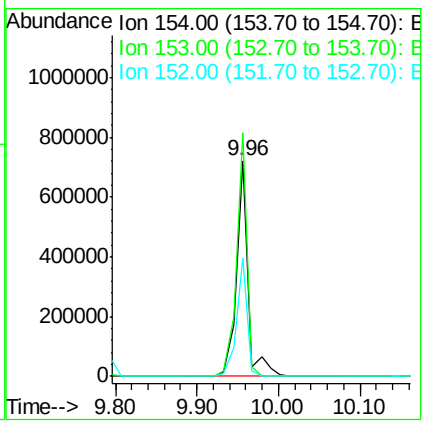





#51
Acenaphthene
Concen: 44.28 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:154 Resp: 721875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 89.8 | 134.8 |
| 152 | 54.7 | 44.6 | 66.8 |




**Instrument :**
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**ClientSampleId :**
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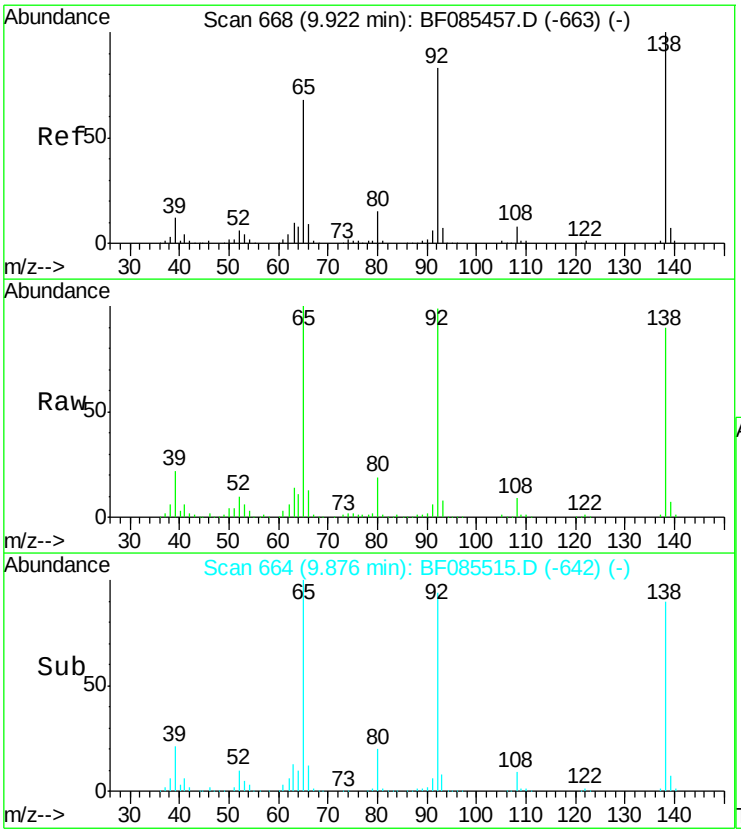
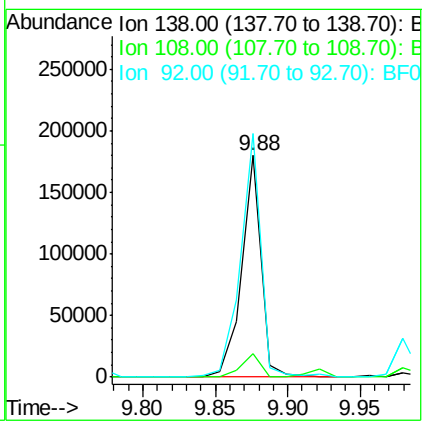
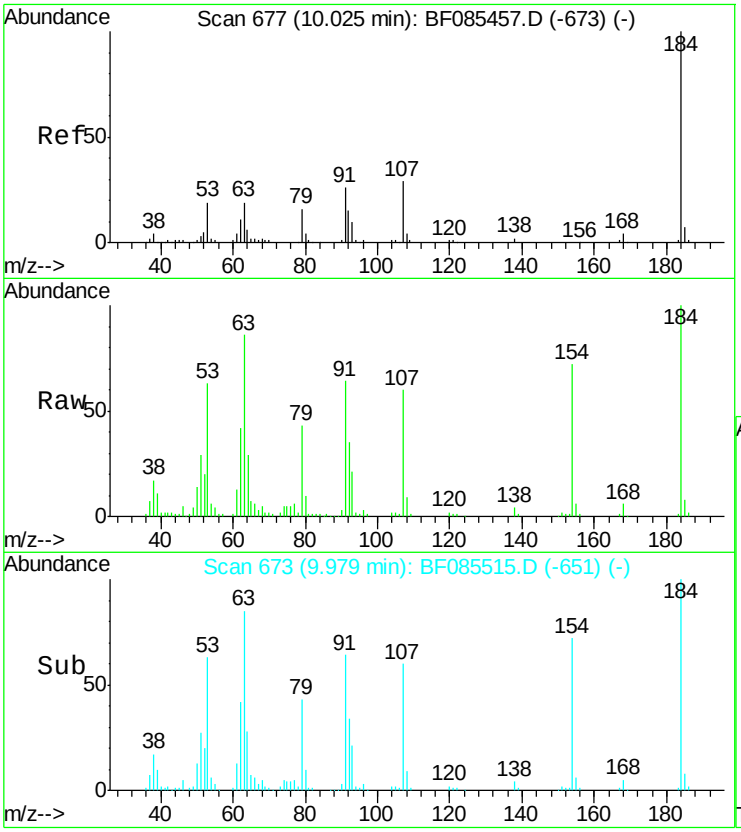



#52
3-Nitroaniline
Concen: 32.99 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:138 Resp: 166664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 7.8 | 11.6 |
| 92 | 110.0 | 81.3 | 121.9 |

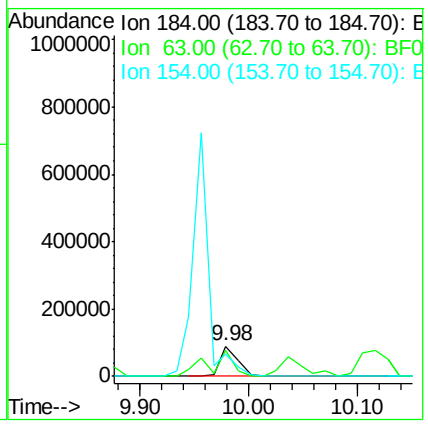





#53
2,4-Dinitrophenol
Concen: 49.15 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:184 Resp: 107022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 85.7 | 82.2 | 123.4 |
| 154 | 72.0 | 108.9 | 163.3# |

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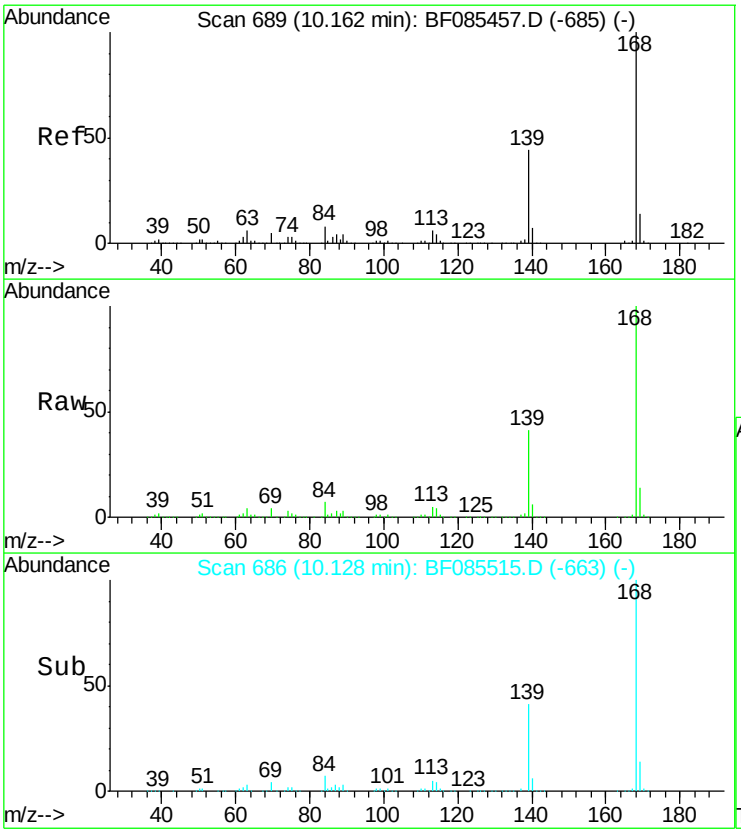
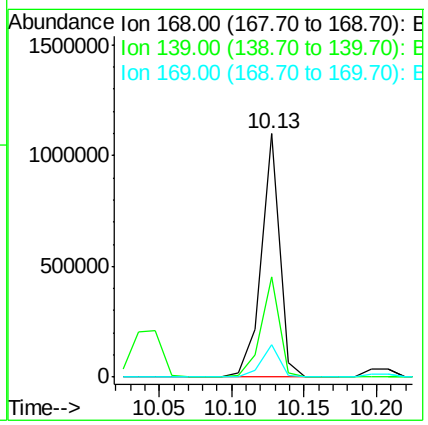
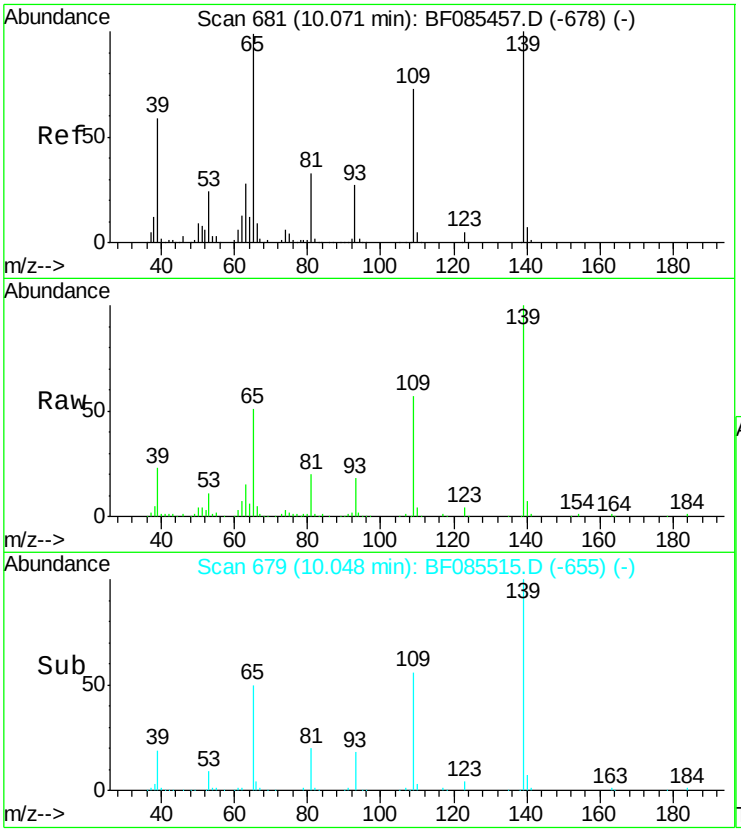



#54
Dibenzofuran
Concen: 48.12 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:168 Resp: 963678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.0 | 33.6 | 50.4 |
| 169 | 13.5 | 11.2 | 16.8 |

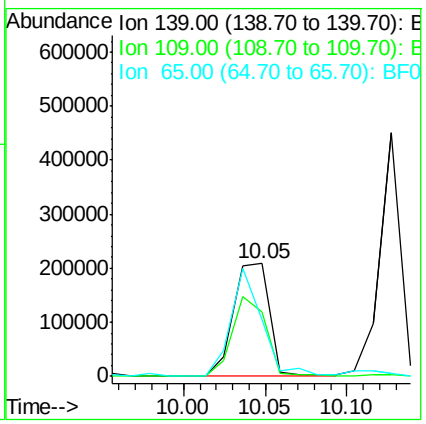





#55
4-Nitrophenol
Concen: 92.31 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:139 Resp: 320954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 56.9 | 41.9 | 81.9 |
| 65 | 50.6 | 48.3 | 88.3 |

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**ClientSampleId :**
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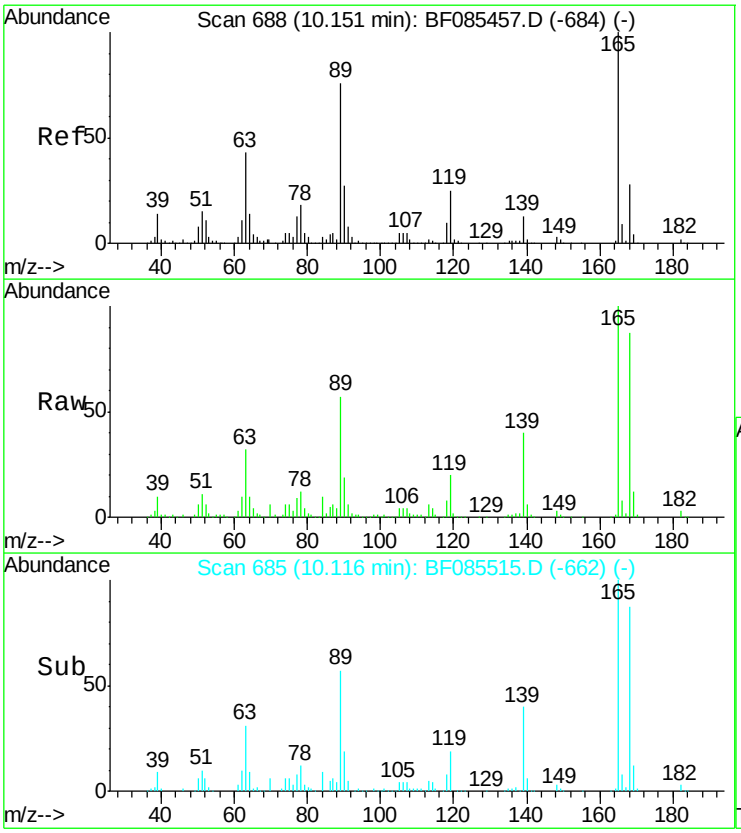
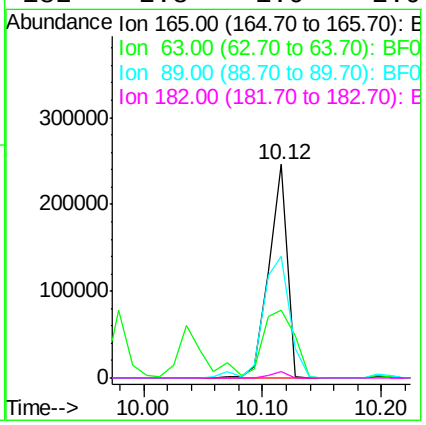
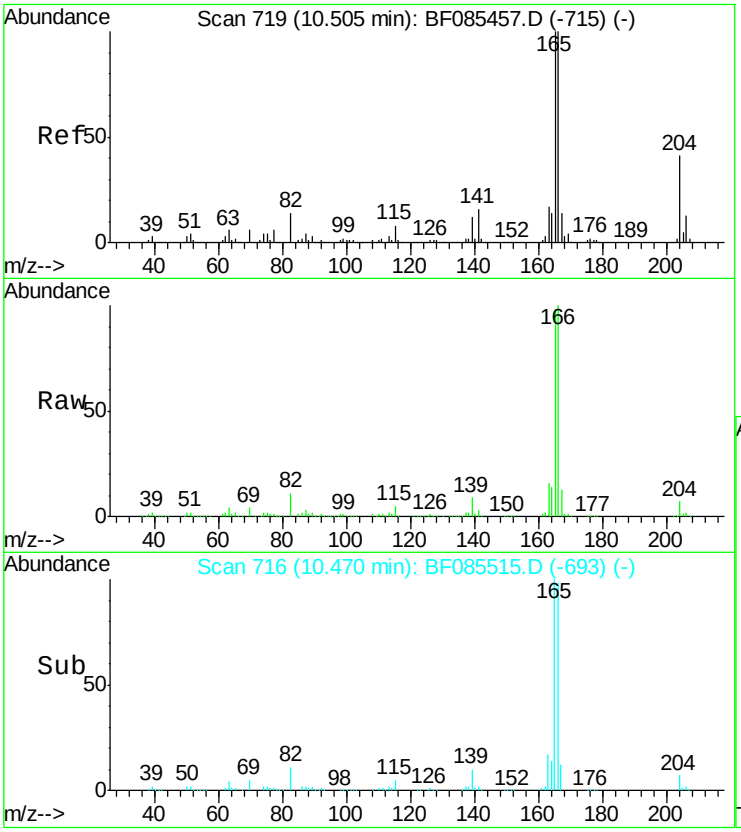



#56
2,4-Dinitrotoluene
Concen: 50.19 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:165 Resp: 265917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 31.8 | 35.4 | 53.0# |
| 89 | 57.2 | 61.9 | 92.9# |
| 182 | 2.8 | 1.9 | 2.9 |

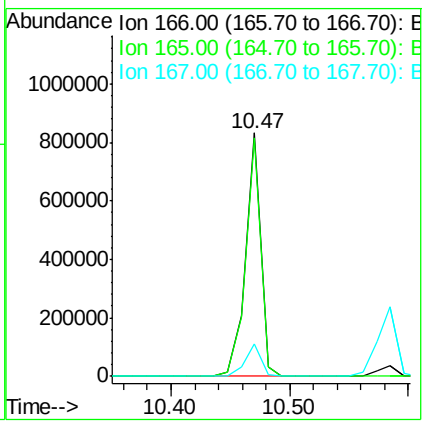





#57
Fluorene
Concen: 46.89 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:166 Resp: 748922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 79.4 | 119.0 |
| 167 | 13.4 | 11.0 | 16.6 |




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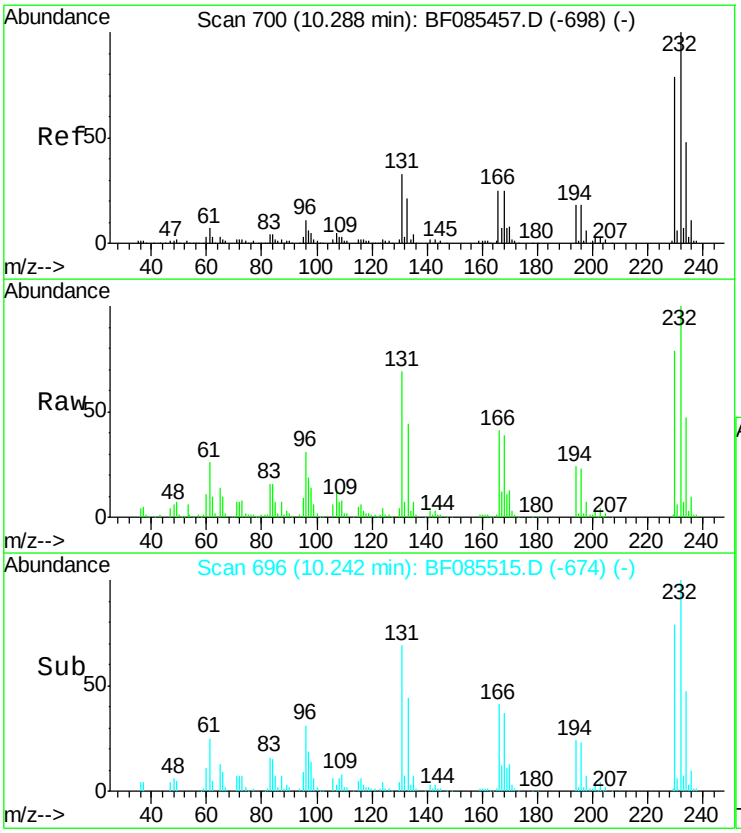
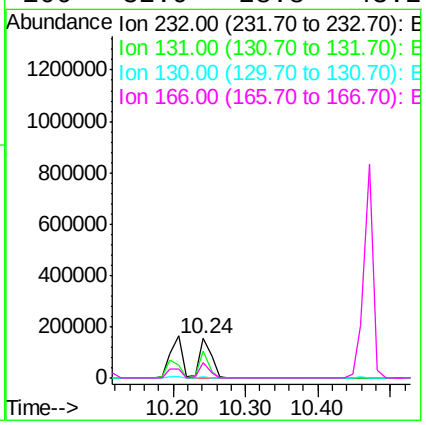
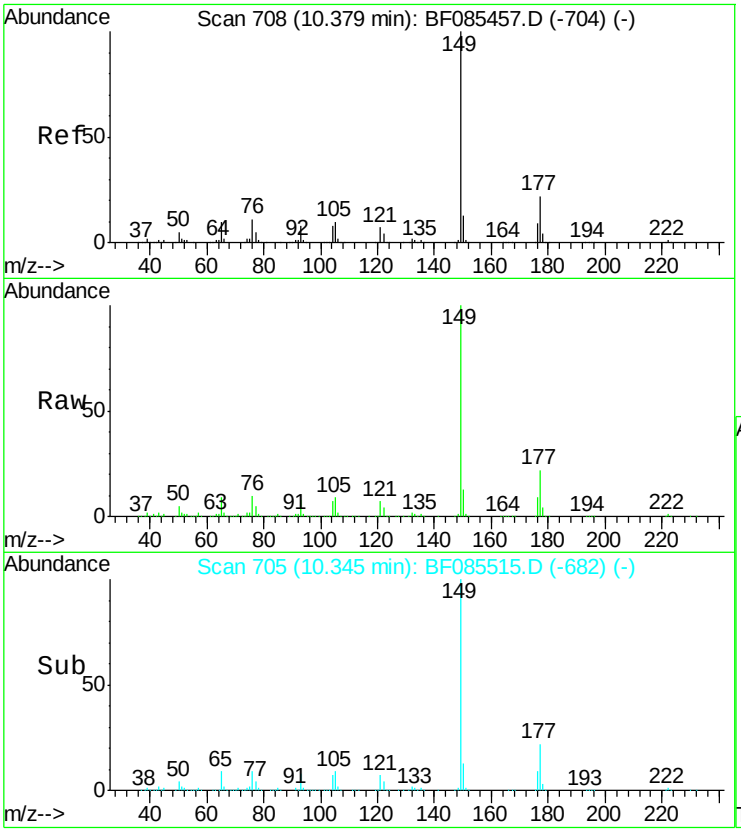



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.75 ng
RT: 10.24 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:232 Resp: 178290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 54.3 | 46.0 | 69.0 |
| 130 | 2.8 | 2.2 | 3.4 |
| 166 | 32.9 | 28.8 | 43.2 |

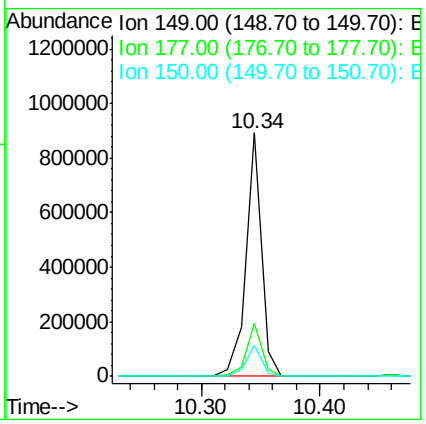





#59
Diethylphthalate
Concen: 44.05 ng
RT: 10.34 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:149 Resp: 815338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.6 | 19.2 | 28.8 |
| 150 | 12.9 | 9.9 | 14.9 |




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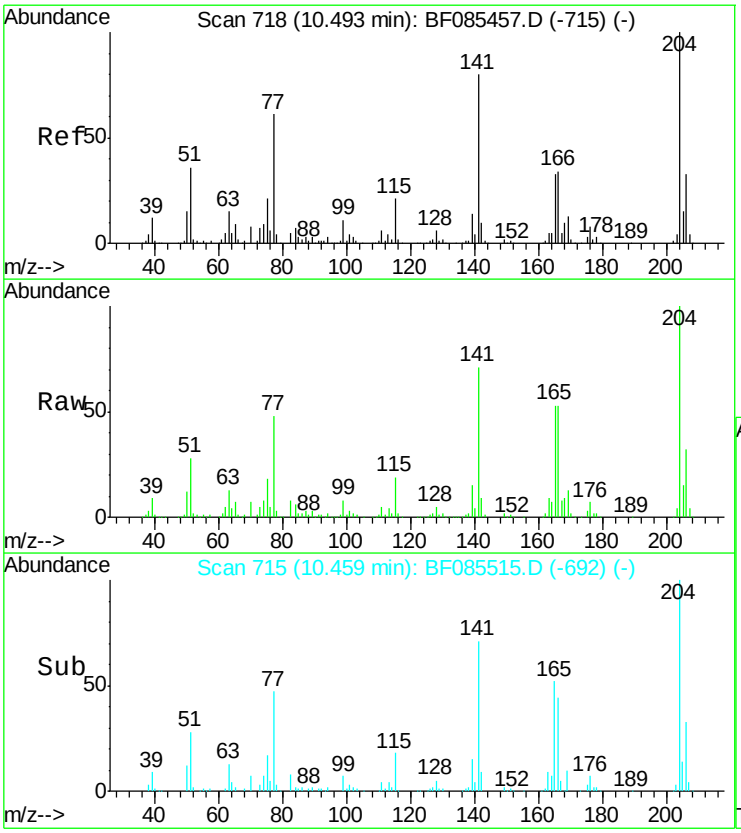
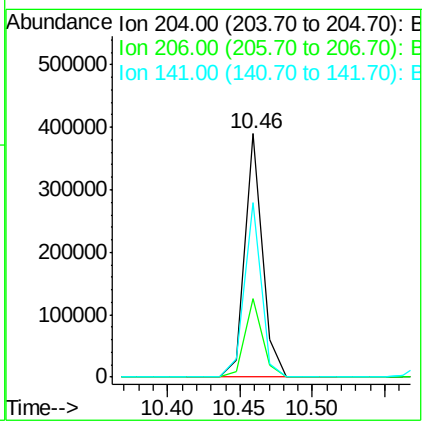
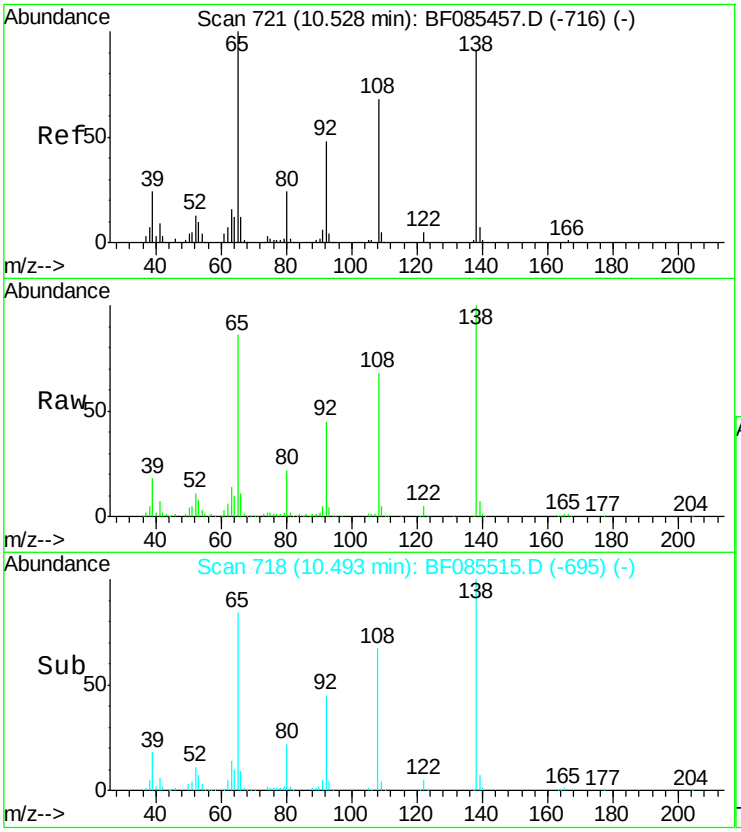



#60
4-Chlorophenyl-phenylether
Concen: 40.15 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:204 Resp: 329446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.5 | 39.7 |
| 141 | 71.5 | 55.4 | 83.2 |

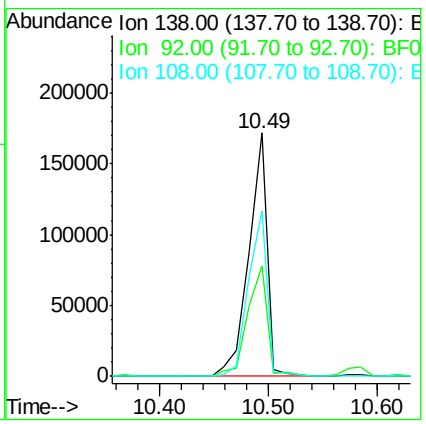





#61
4-Nitroaniline
Concen: 42.57 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:138 Resp: 202178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.2 | 34.2 | 74.2 |
| 108 | 67.8 | 53.9 | 93.9 |




**Instrument :**
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**ClientSampleId :**
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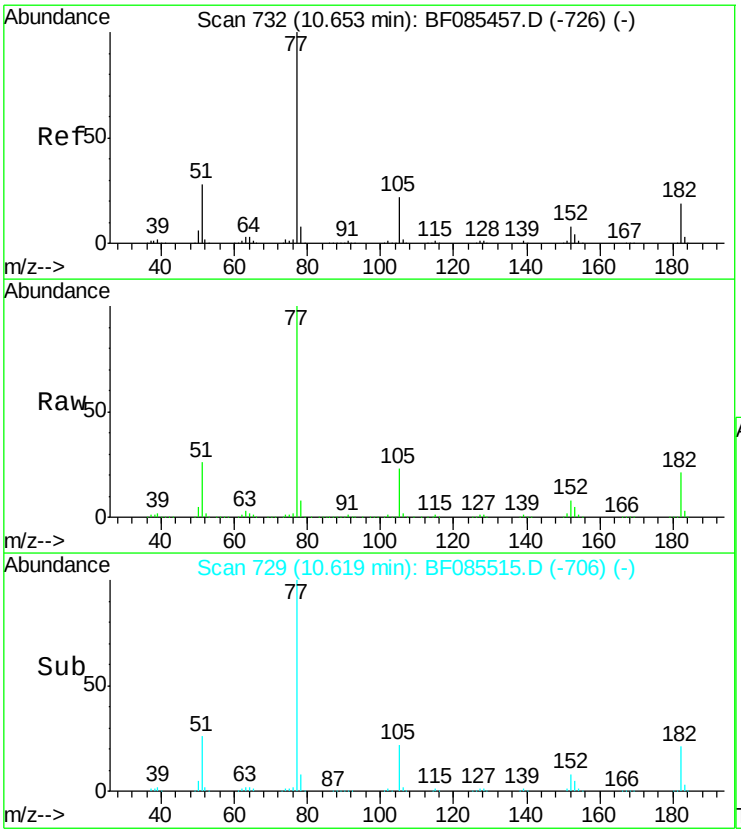
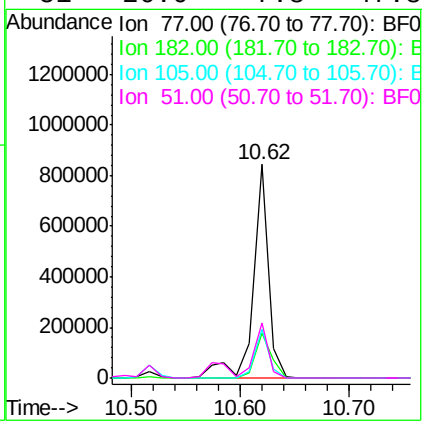
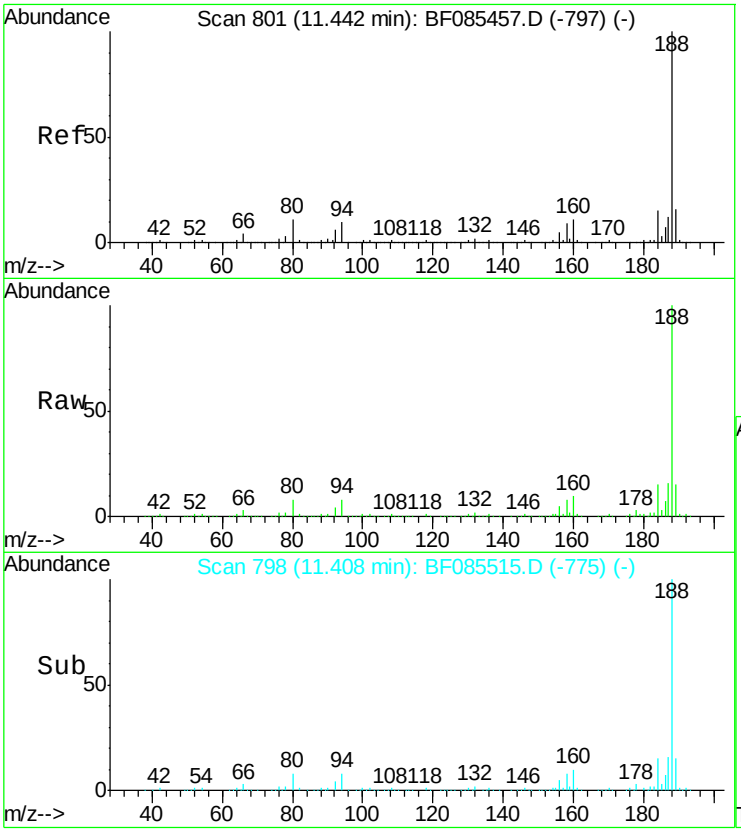



#62
Azobenzene
Concen: 45.51 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 77 Resp: 836606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 21.1 | 2.1 | 42.1 |
| 105 | 22.9 | 3.8 | 43.8 |
| 51 | 26.0 | 7.8 | 47.8 |

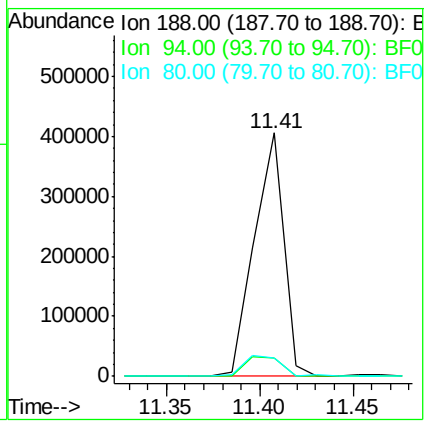





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:188 Resp: 443959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 7.0 | 10.6 |
| 80 | 7.7 | 7.4 | 11.0 |

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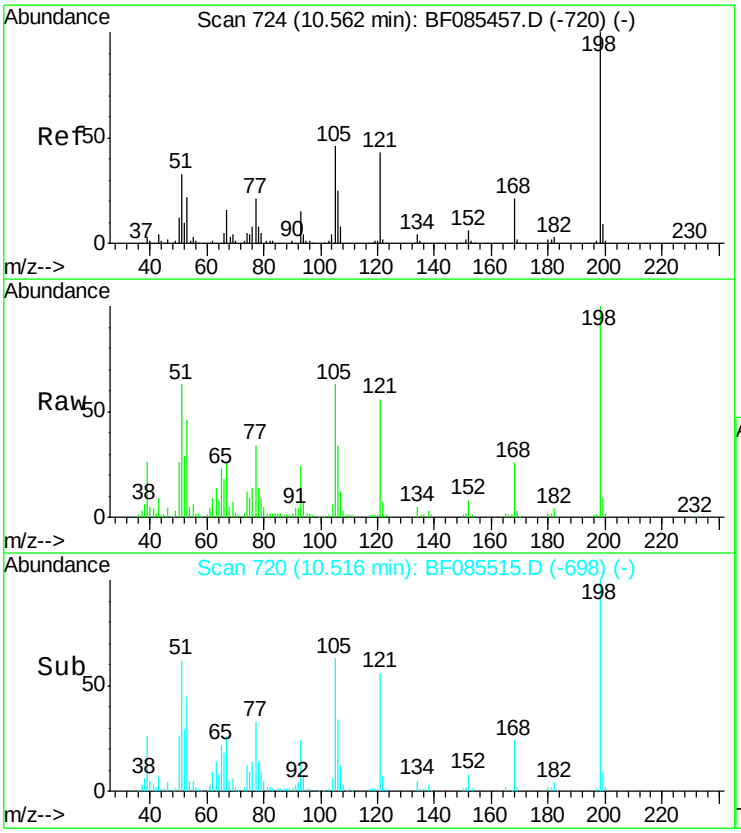
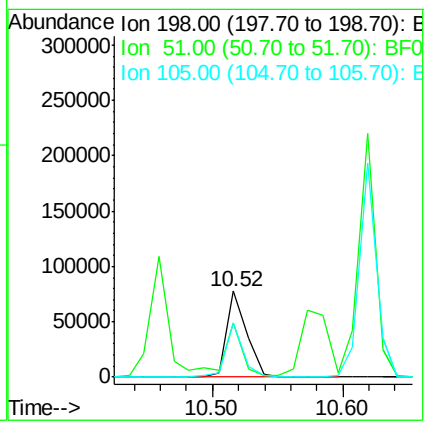
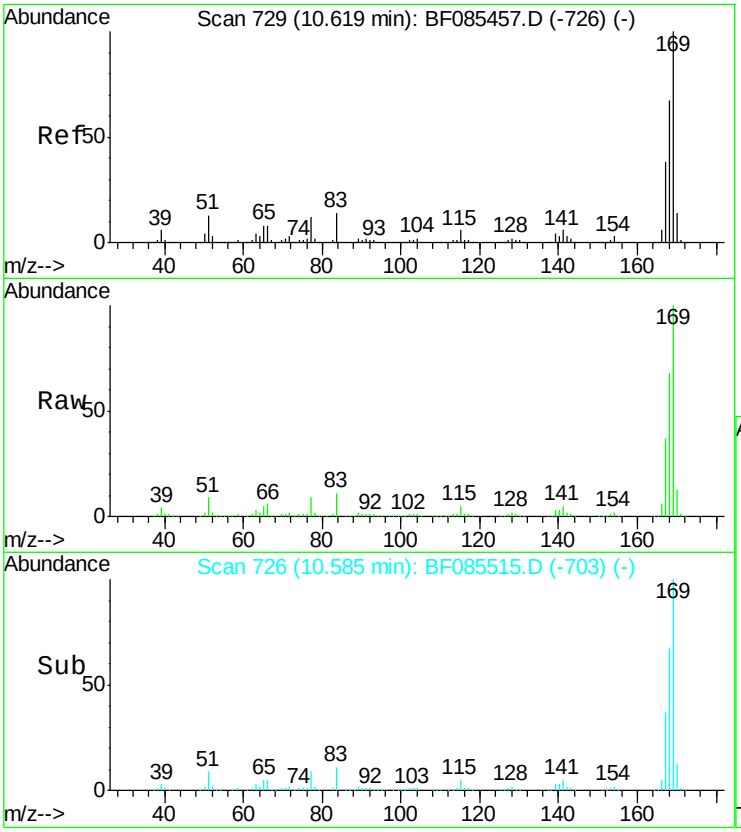



#64
4,6-Dinitro-2-methylphenol
Concen: 31.20 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:198 Resp: 82747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 62.6 | 9.5 | 49.5# |
| 105 | 63.3 | 20.5 | 60.5# |

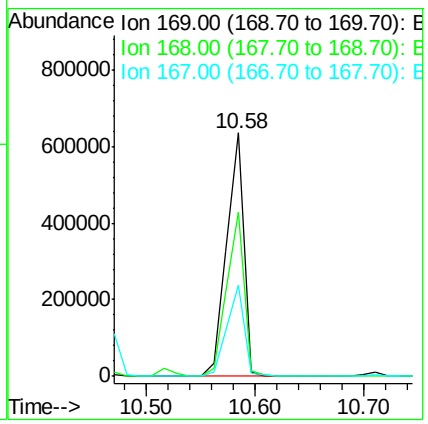





#65
n-Nitrosodiphenylamine
Concen: 50.56 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:169 Resp: 691753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 54.8 | 82.2 |
| 167 | 37.5 | 30.3 | 45.5 |

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**ClientSampleId :**
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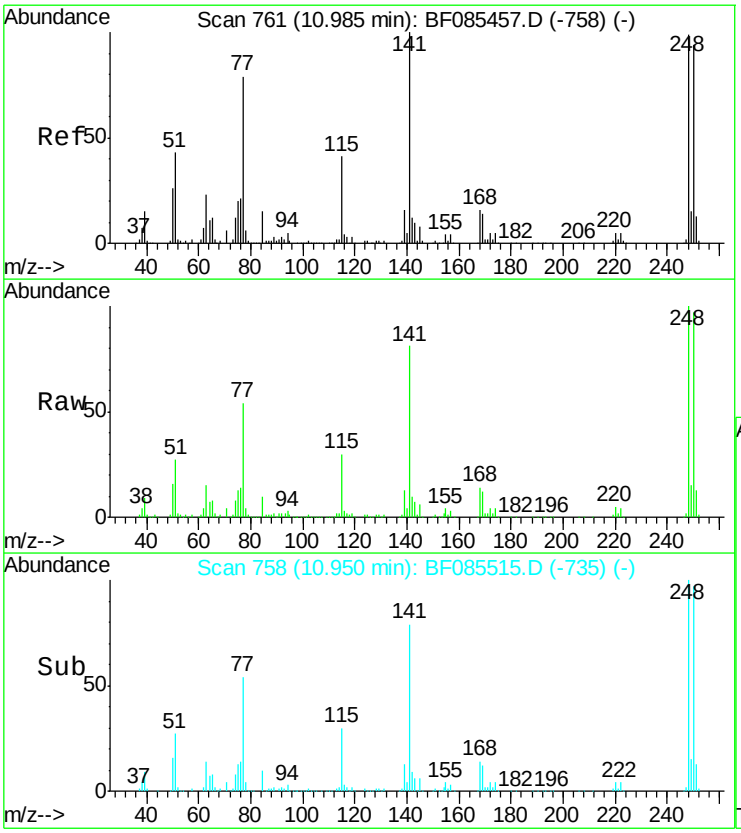
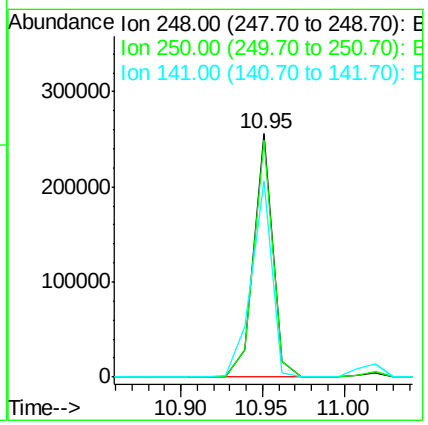
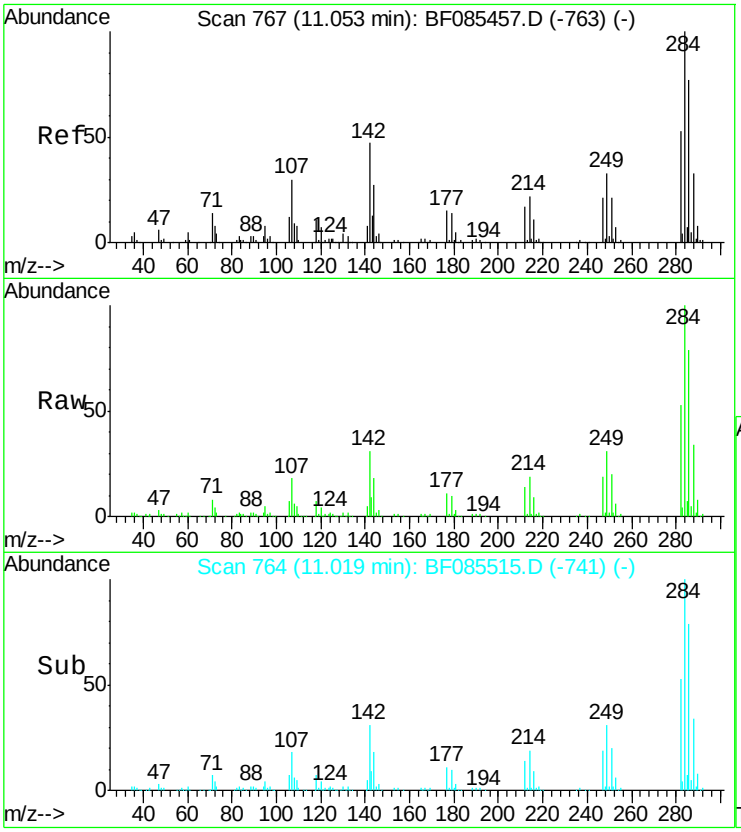



#66
4-Bromophenyl-phenylether
Concen: 46.47 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:248 Resp: 208815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.1 | 115.7 |
| 141 | 80.7 | 66.2 | 99.2 |

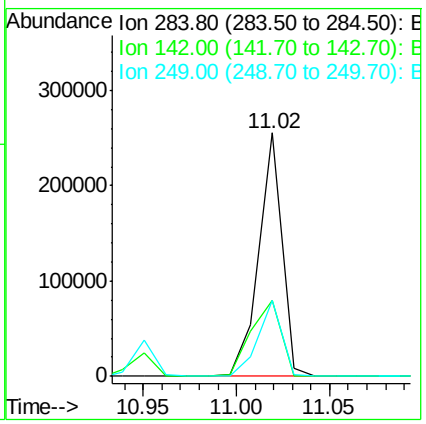





#67
Hexachlorobenzene
Concen: 47.54 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:284 Resp: 220421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 24.9 | 37.3 |
| 249 | 31.2 | 25.0 | 37.4 |




**Instrument :**
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**ClientSampleId :**
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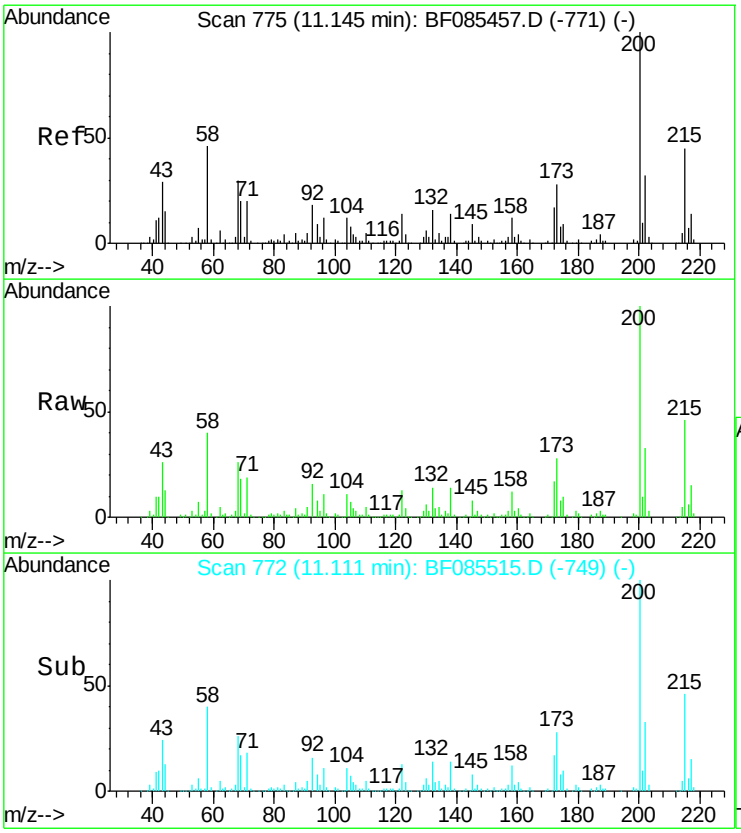
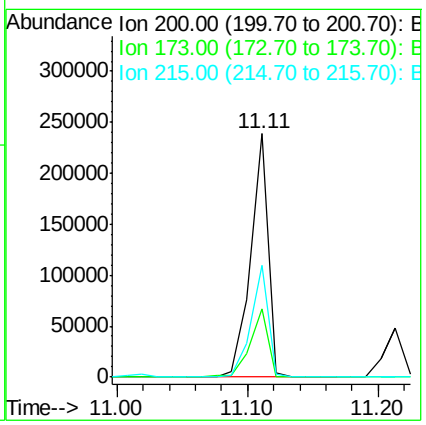
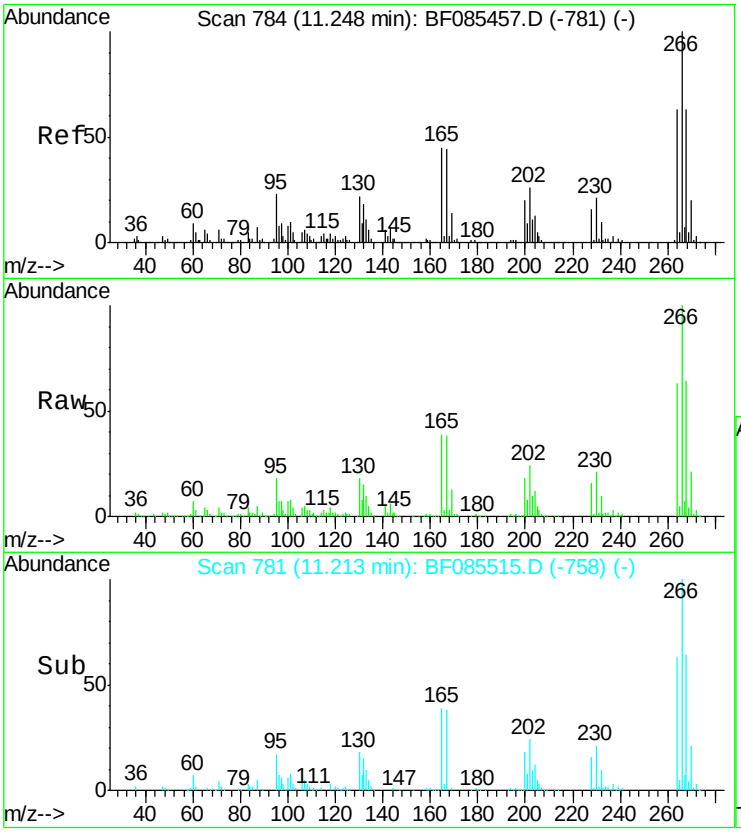



#68
Atrazine
Concen: 57.24 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:200 Resp: 224104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.2 | 10.5 | 50.5 |
| 215 | 45.7 | 23.4 | 63.4 |

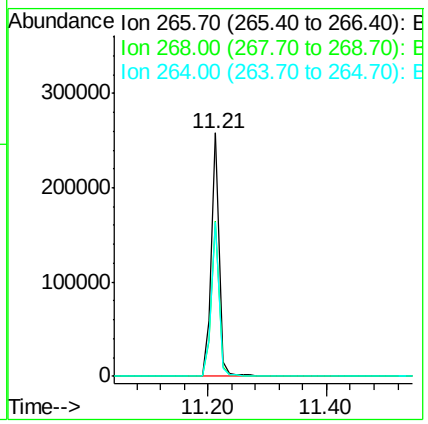





#69
Pentachlorophenol
Concen: 96.88 ng
RT: 11.21 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:266 Resp: 238089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 50.0 | 75.0 |
| 264 | 63.3 | 51.4 | 77.2 |




**Instrument :**
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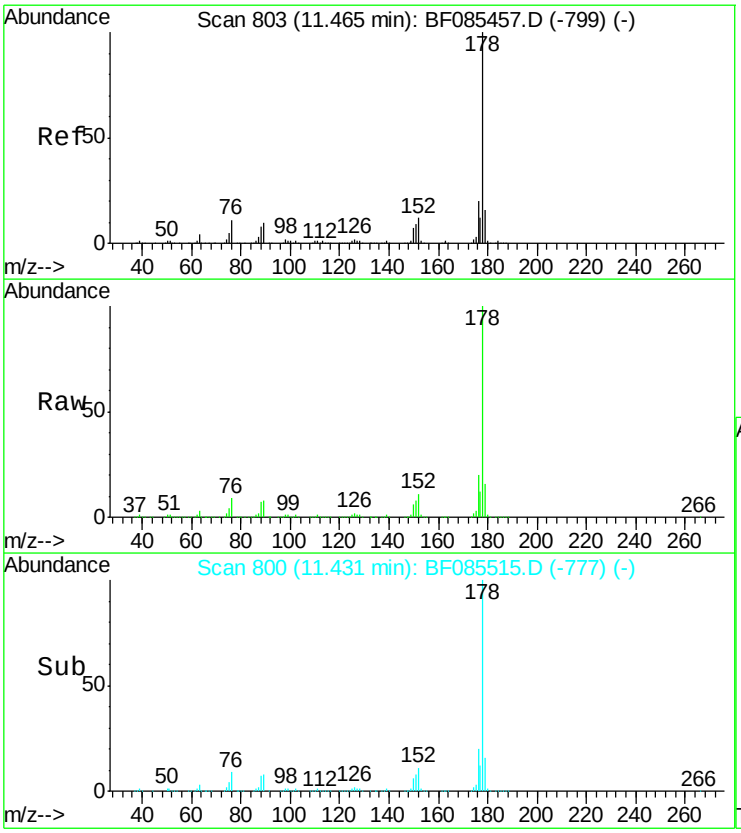
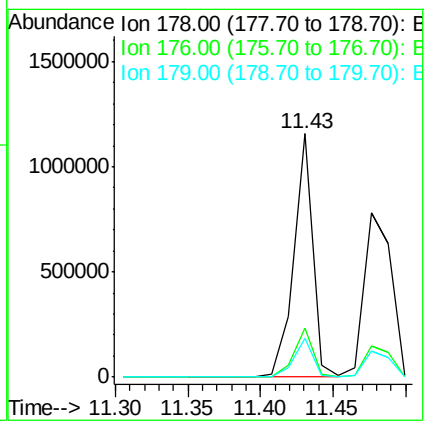
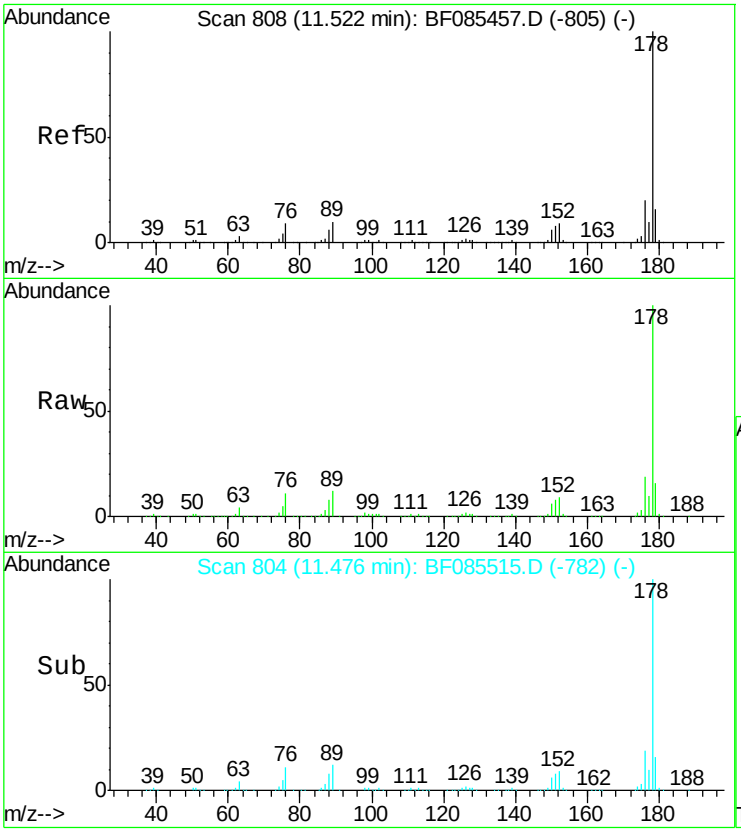



#70
Phenanthrene
Concen: 45.14 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:178 Resp: 1043763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.8 | 25.2 |
| 179 | 15.9 | 13.1 | 19.7 |

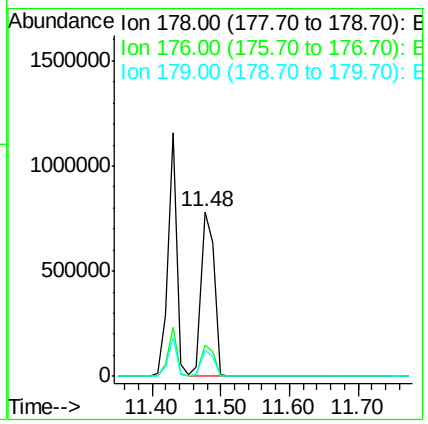





#71
Anthracene
Concen: 43.43 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:178 Resp: 1022811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.9 | 23.9 |
| 179 | 16.1 | 12.5 | 18.7 |

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**ClientSampleId :**
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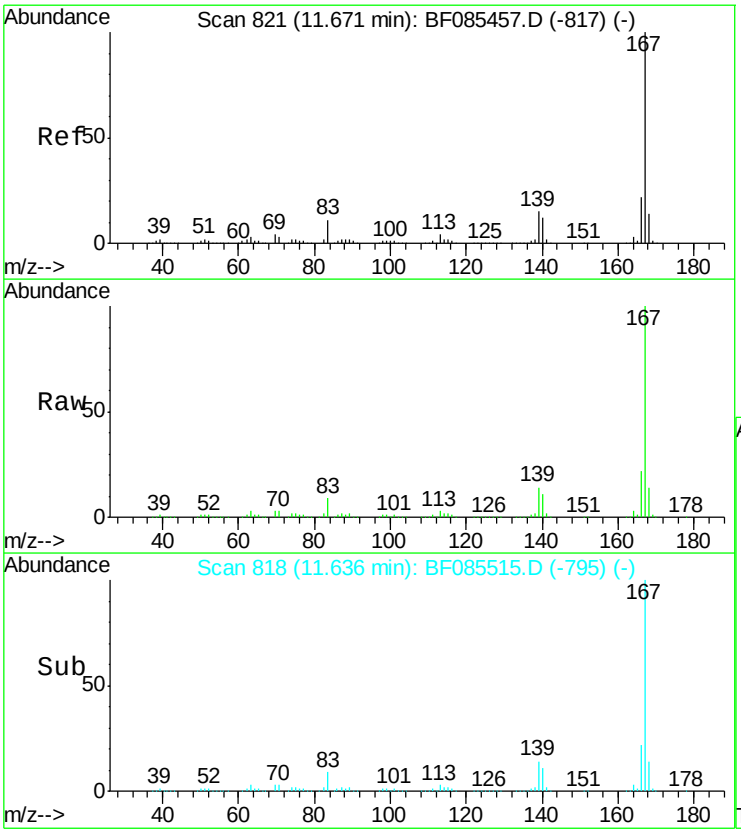
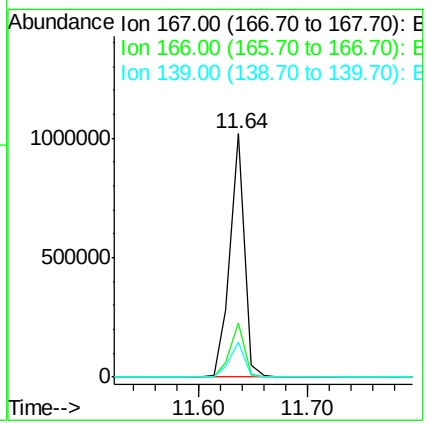
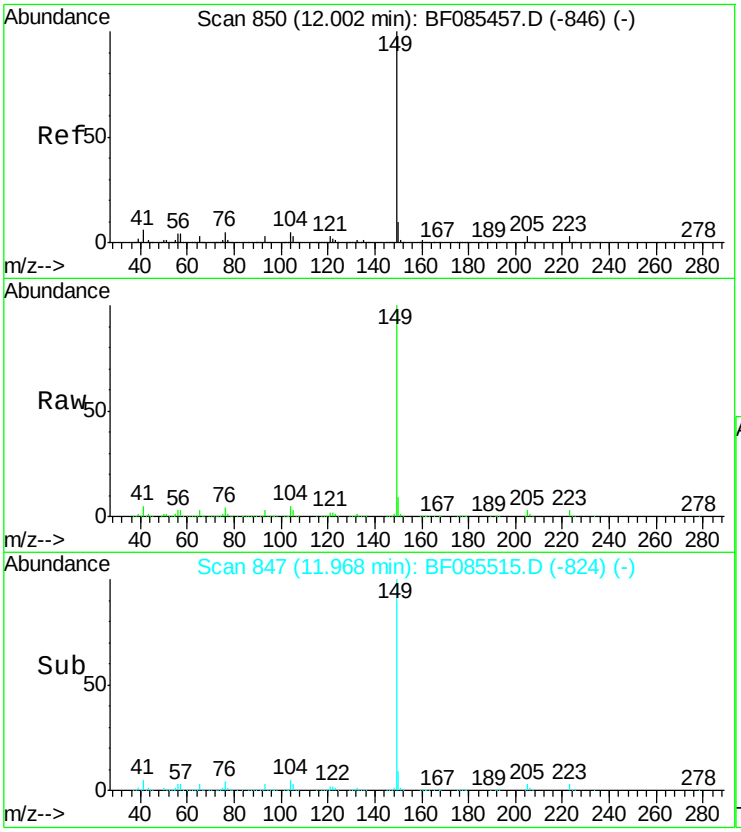



#72
Carbazole
Concen: 47.36 ng
RT: 11.64 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:167 Resp: 943787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 18.2 | 27.2 |
| 139 | 14.3 | 11.4 | 17.0 |

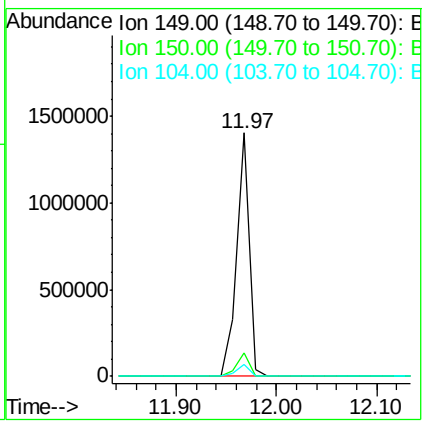





#73
Di-n-butylphthalate
Concen: 49.45 ng
RT: 11.97 min Scan# 847
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:149 Resp: 1220734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.8 | 11.6 |
| 104 | 4.8 | 4.7 | 7.1 |




**Instrument :**
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**ClientSampleId :**
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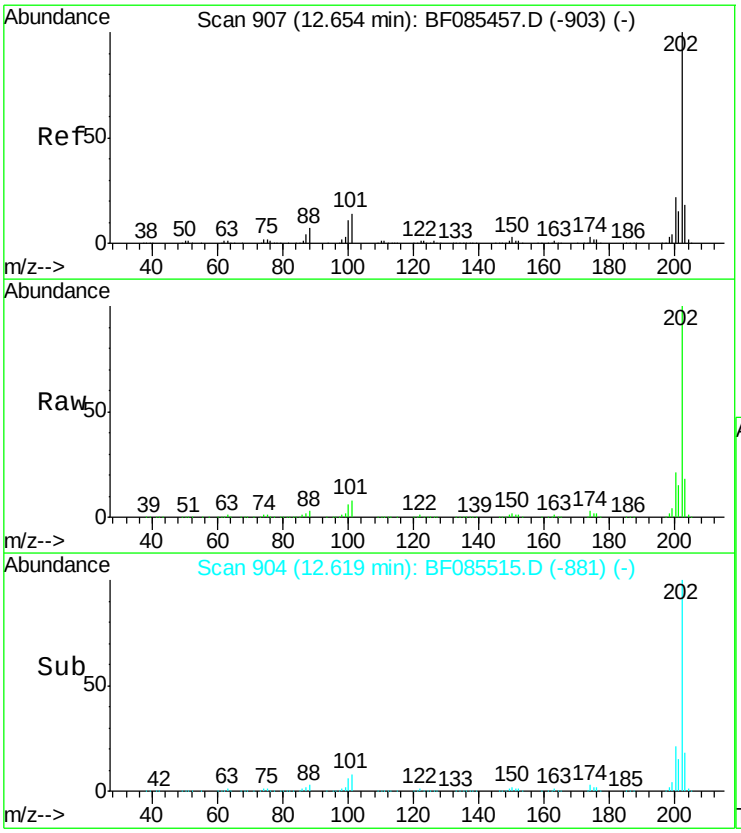
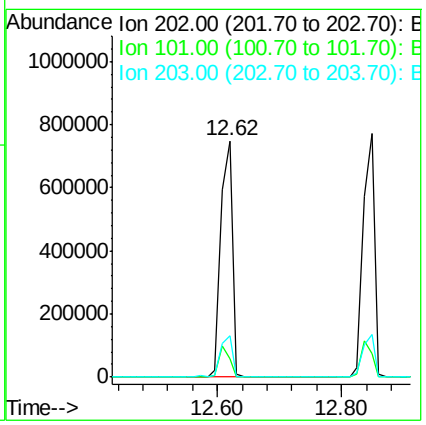
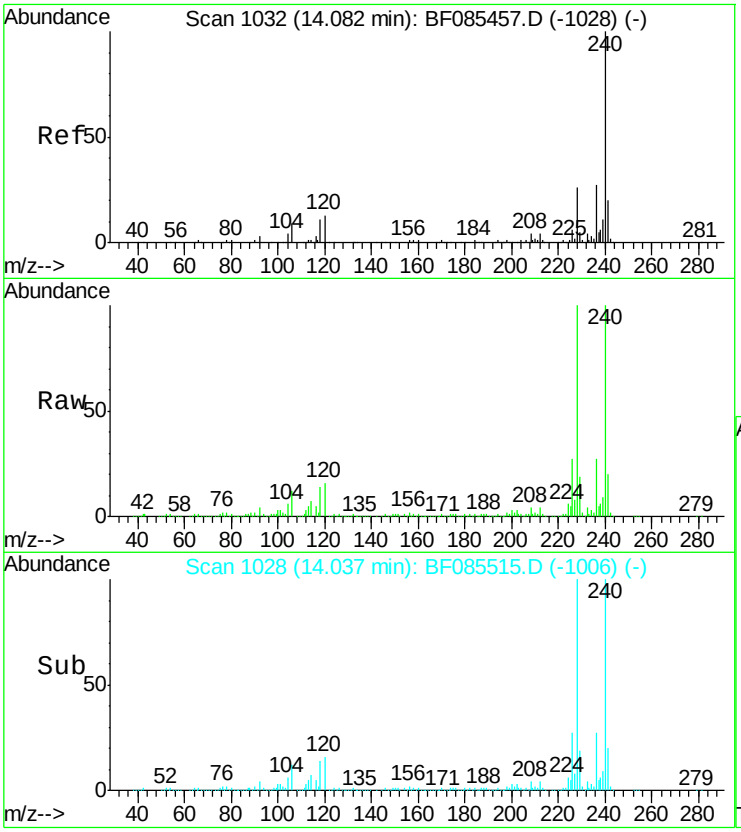



#74
Fluoranthene
Concen: 43.88 ng
RT: 12.62 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:202 Resp: 953727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.6 | 0.0 | 31.8 |
| 203 | 17.5 | 0.0 | 38.4 |

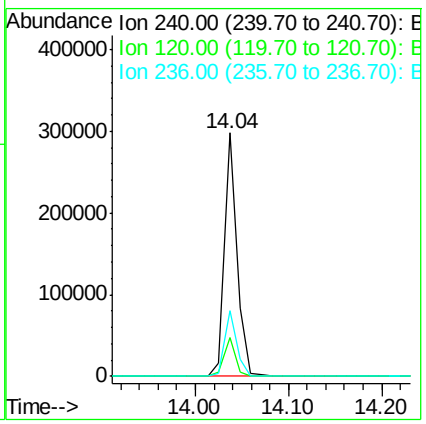





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:240 Resp: 278566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.1 | 5.3 | 7.9# |
| 236 | 26.8 | 20.7 | 31.1 |




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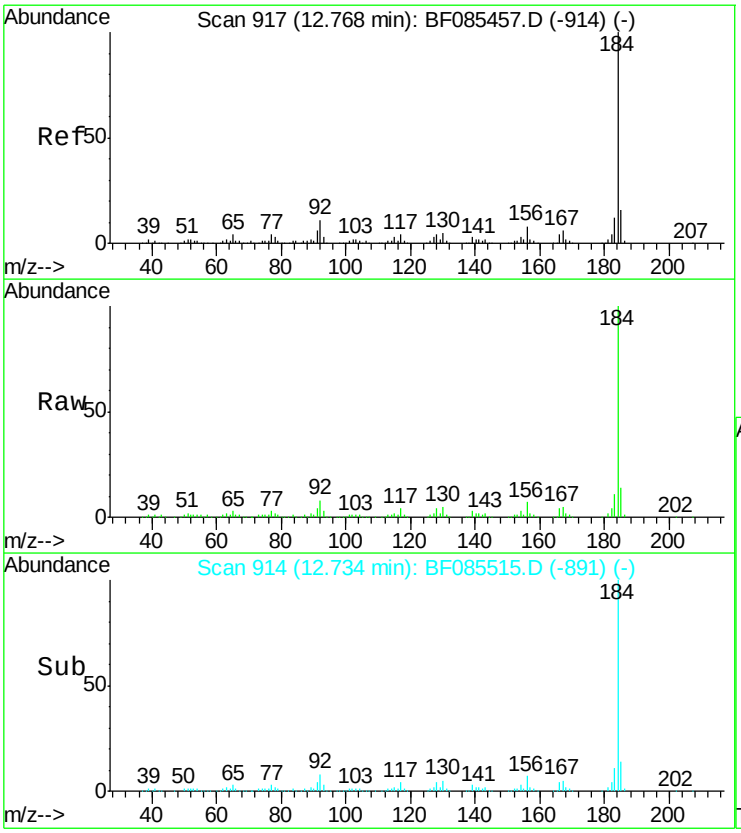
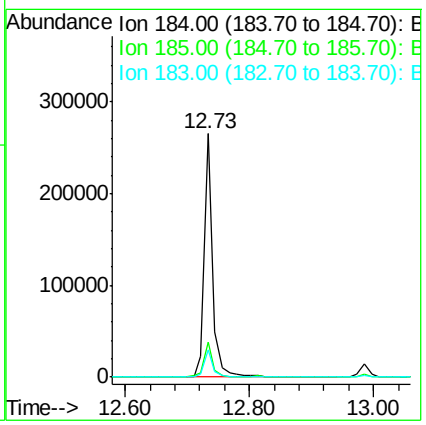
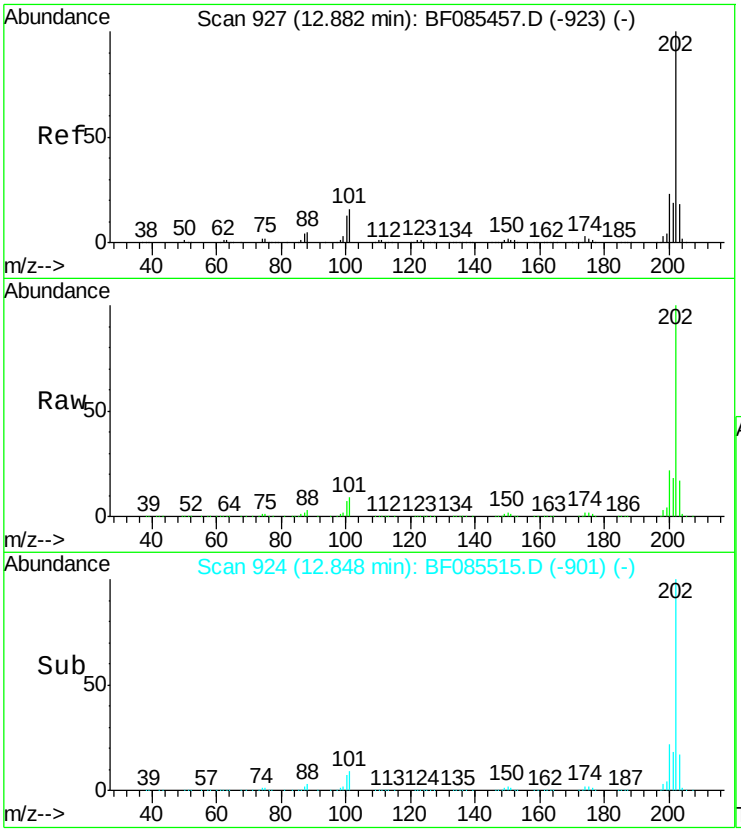



#76
Benzidine
Concen: 29.04 ng
RT: 12.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:184 Resp: 251247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 12.4 | 18.6 |
| 183 | 11.2 | 9.4 | 14.2 |

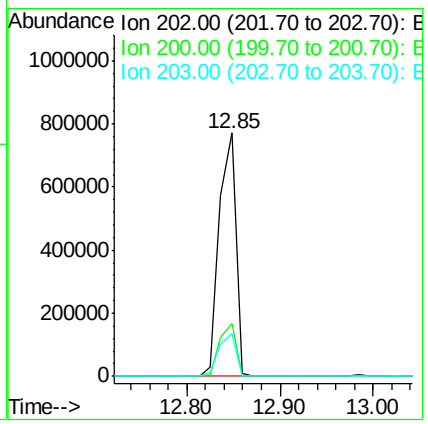





#77
Pyrene
Concen: 45.75 ng
RT: 12.85 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:202 Resp: 955779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 18.2 | 27.4 |
| 203 | 17.4 | 14.7 | 22.1 |




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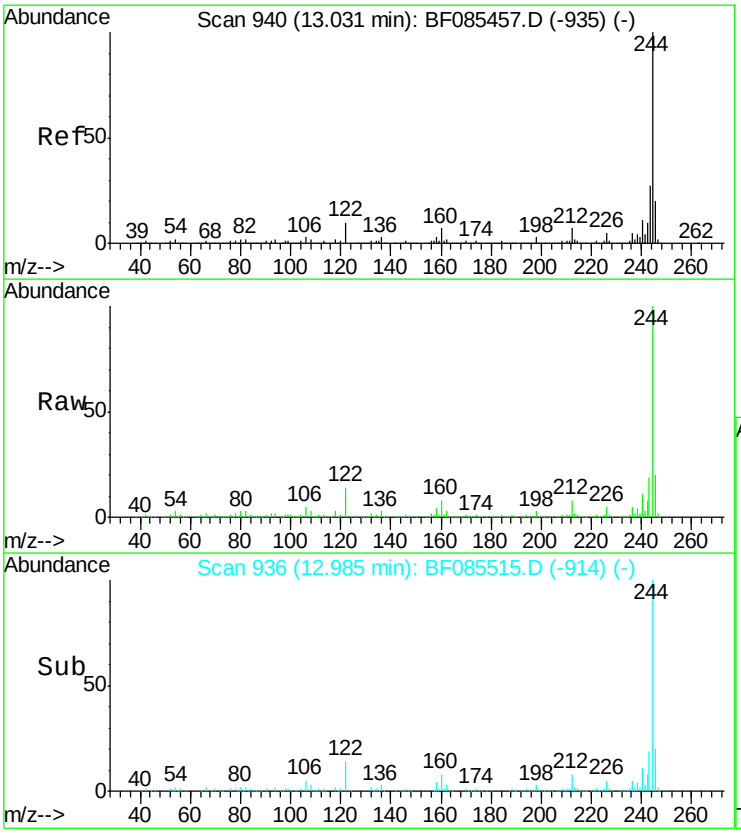
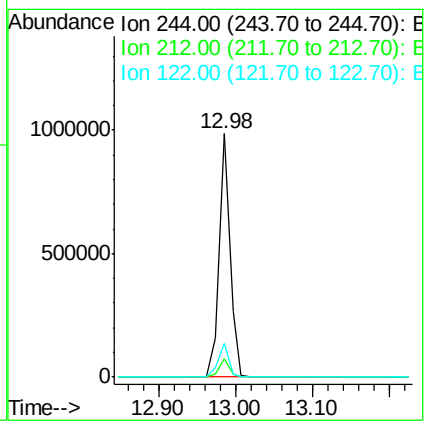
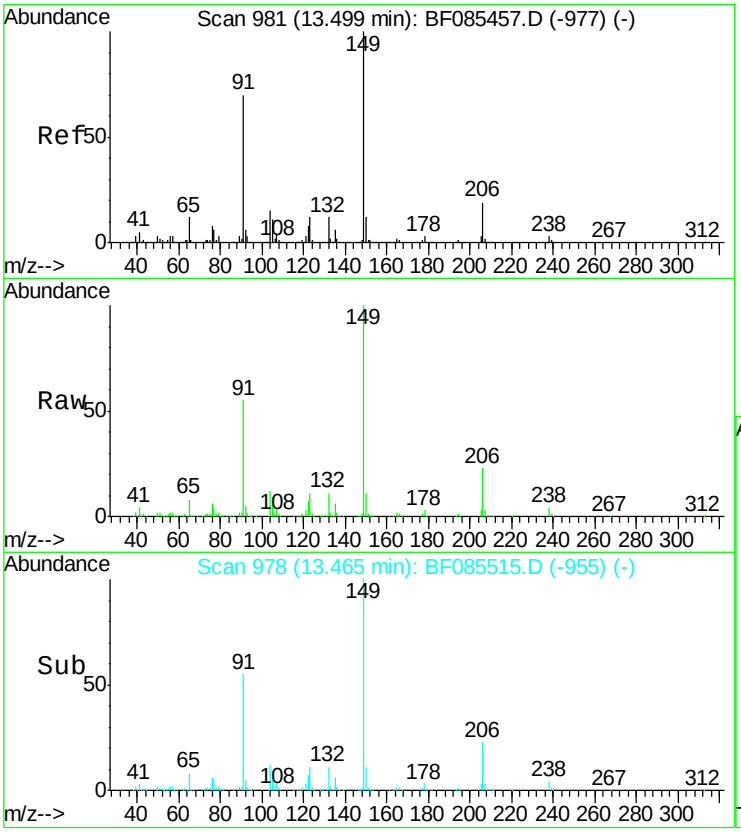



#78
Terphenyl-d14
Concen: 79.32 ng
RT: 12.98 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:244 Resp: 976728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.4 | 9.6 |
| 122 | 13.8 | 11.4 | 17.2 |

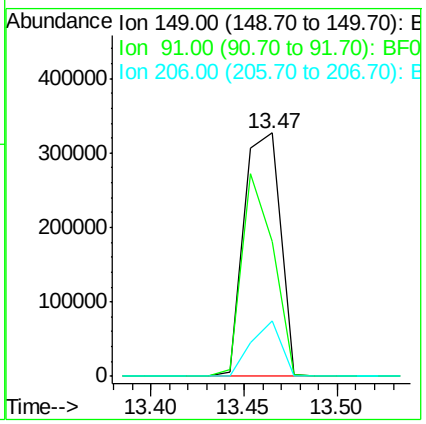





#79
Butylbenzylphthalate
Concen: 48.32 ng
RT: 13.47 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:149 Resp: 441427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 55.1 | 69.0 | 103.4# |
| 206 | 23.0 | 12.3 | 18.5# |




**Instrument :**
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**ClientSampleId :**
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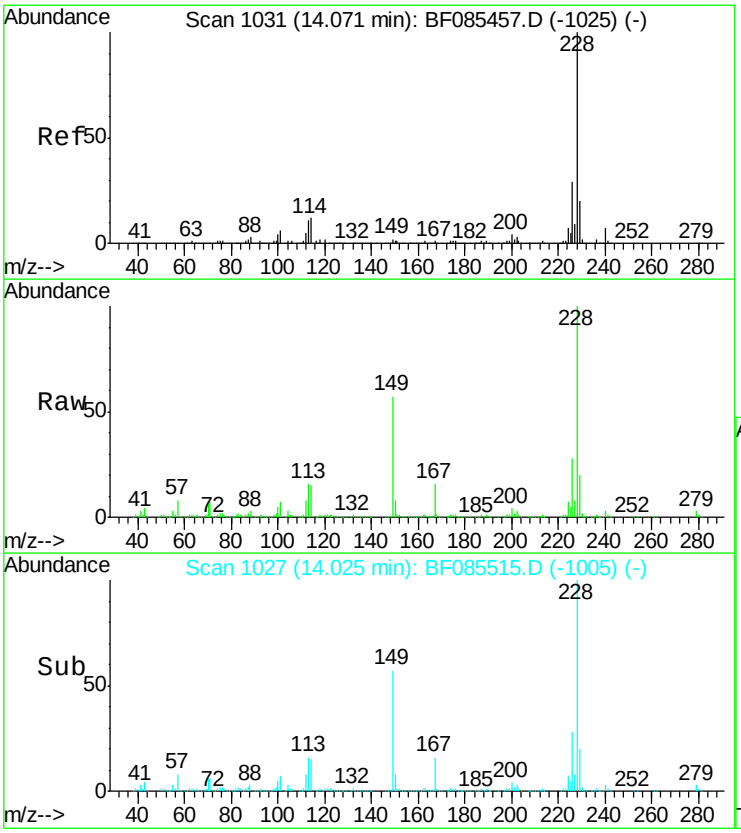
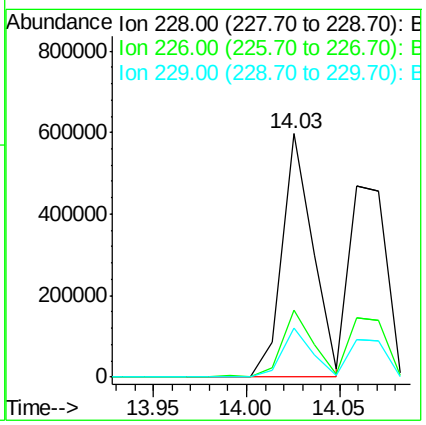
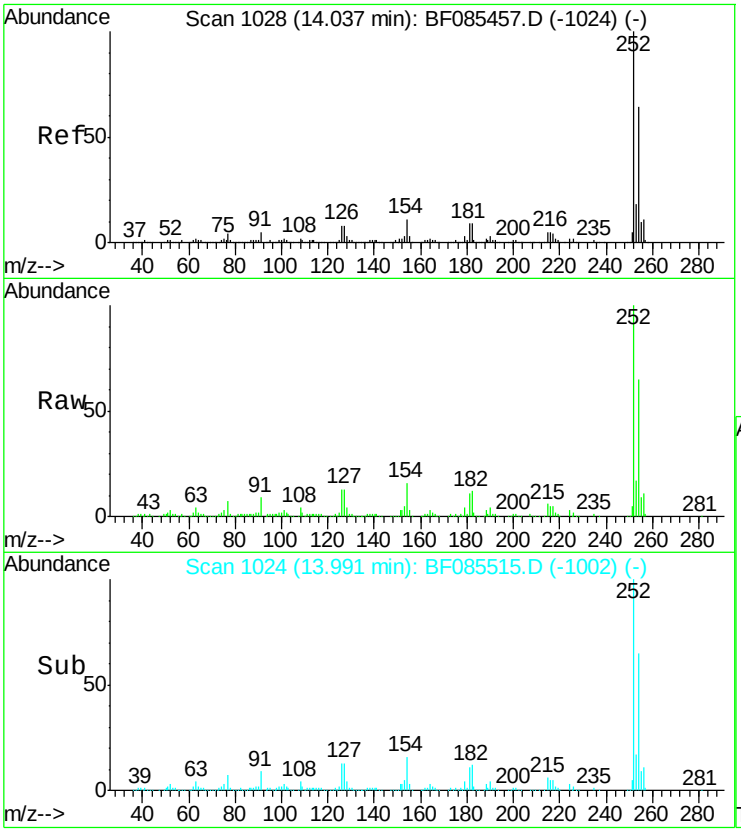



#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:228 Resp: 689129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.8 | 34.2 |
| 229 | 19.9 | 16.6 | 24.8 |

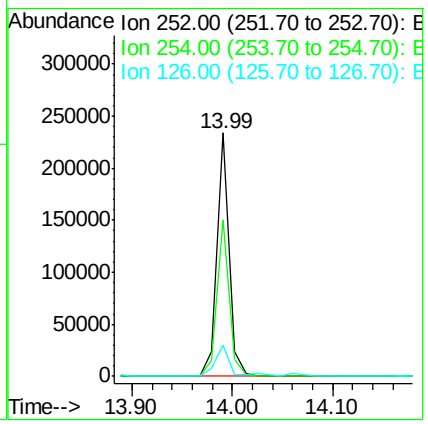





#81
3,3'-Dichlorobenzidine
Concen: 36.54 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:252 Resp: 197533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 51.4 | 77.0 |
| 126 | 13.0 | 12.9 | 19.3 |

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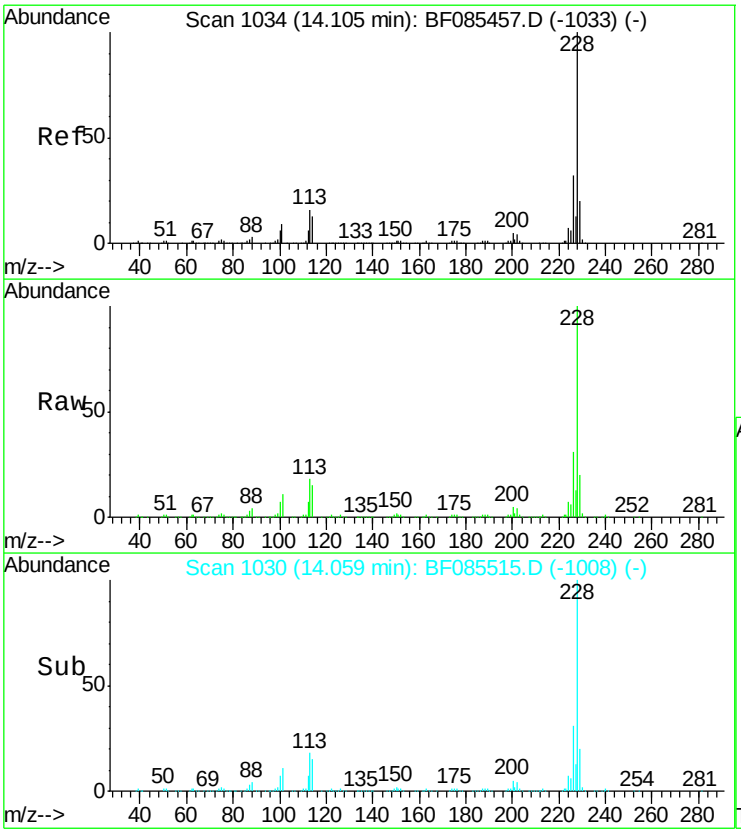
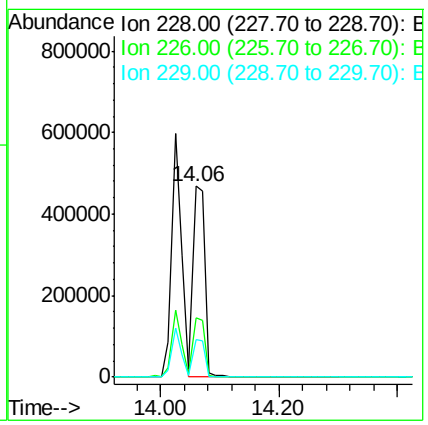
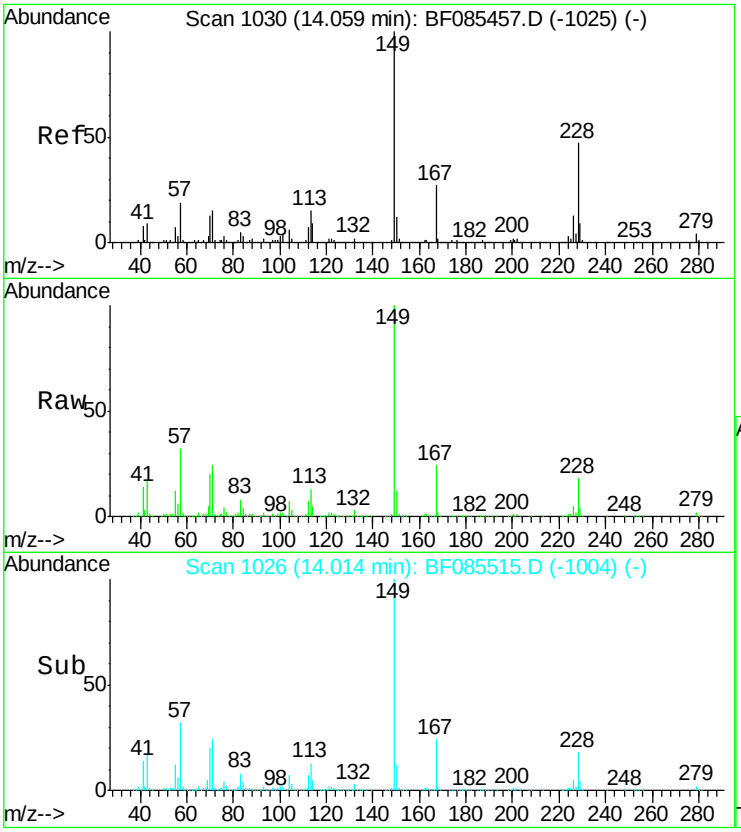



#82
Chrysene
Concen: 45.75 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:228 Resp: 657260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 25.2 | 37.8 |
| 229 | 19.9 | 16.0 | 24.0 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 51.57 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:149 Resp: 574721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.3 | 20.3 | 30.5 |
| 279 | 1.8 | 1.9 | 2.9# |

**Instrument :**
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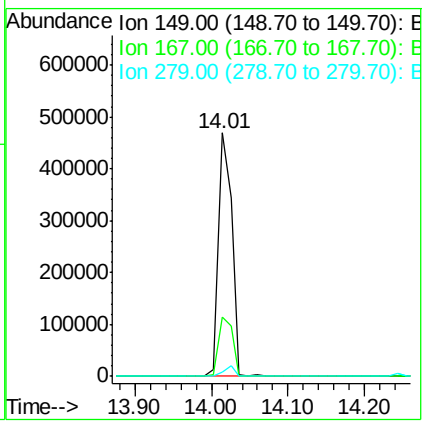
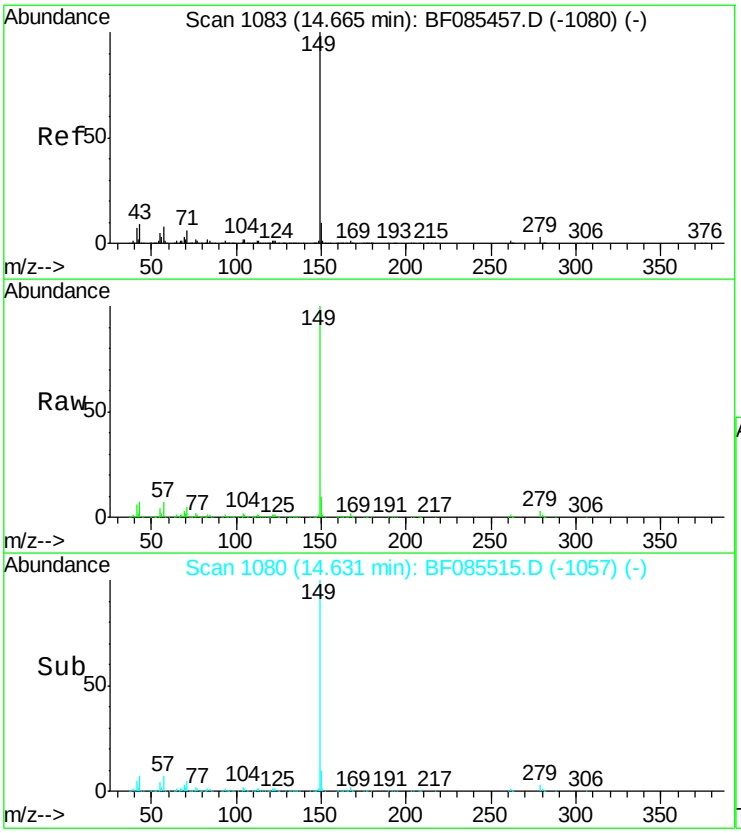
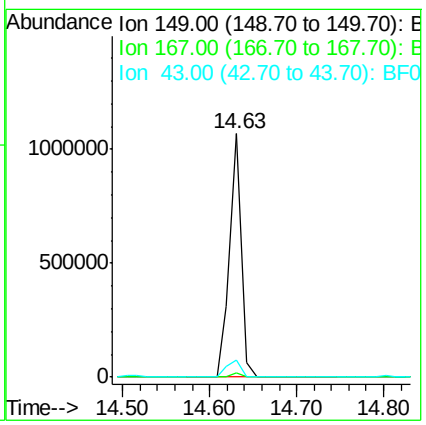


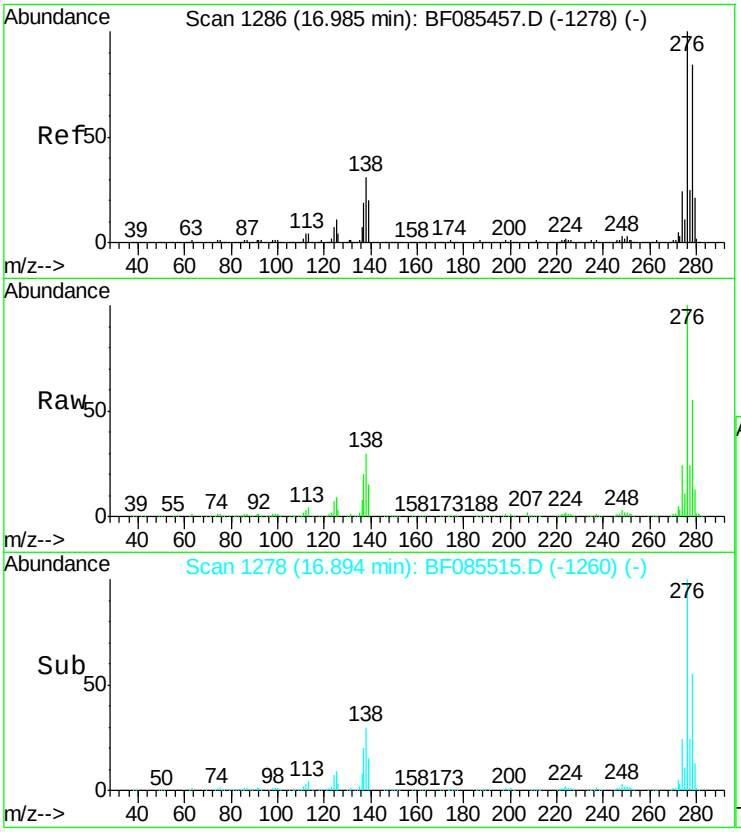




#84
Di-n-octyl phthalate
Concen: 61.54 ng
RT: 14.63 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:149 Resp: 1001304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 8.5 | 7.8 | 11.8 |

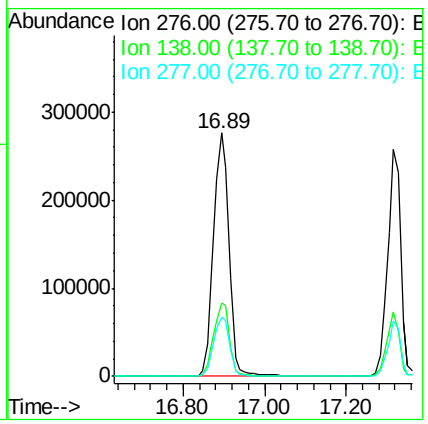





#85
Indeno(1,2,3-cd)pyrene
Concen: 53.94 ng
RT: 16.89 min Scan# 1278
Delta R.T. -0.09 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:276 Resp: 734618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.7 | 26.4 | 39.6 |
| 277 | 25.1 | 20.2 | 30.2 |

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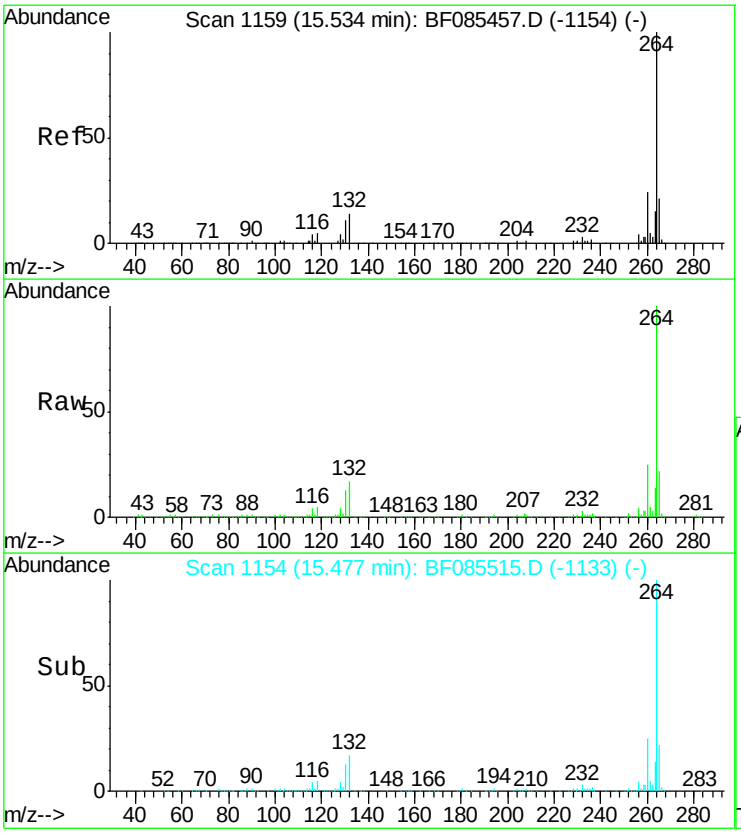
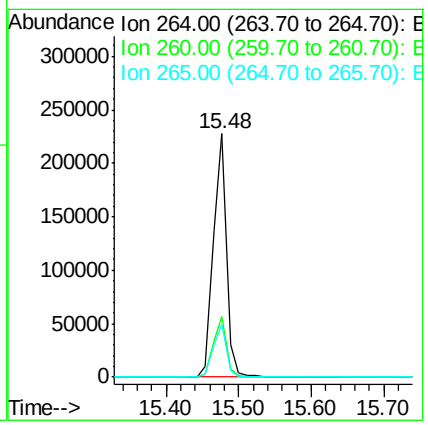
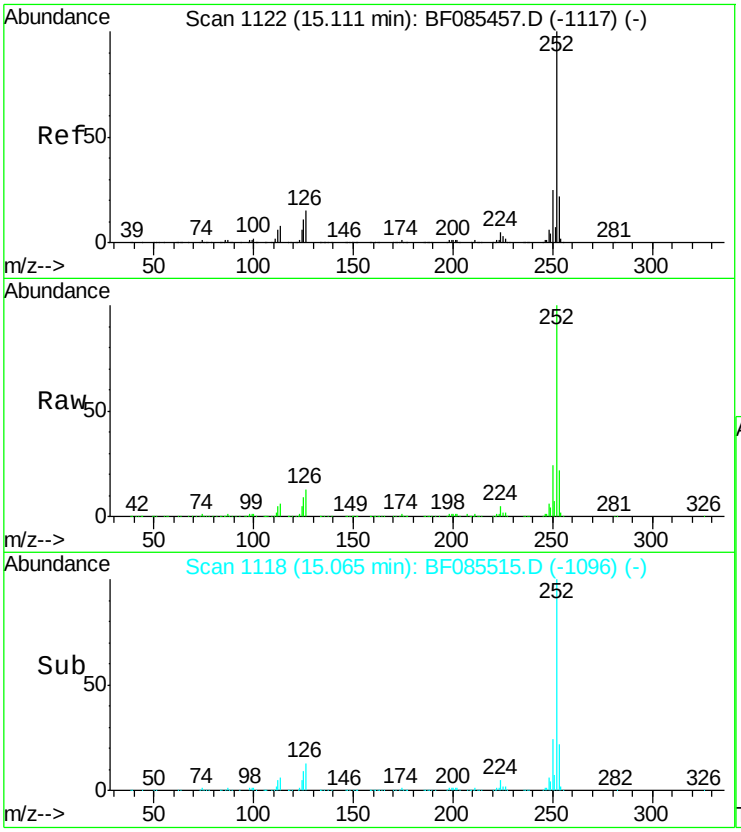



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:264 Resp: 285007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.2 | 28.8 |
| 265 | 21.6 | 17.3 | 25.9 |

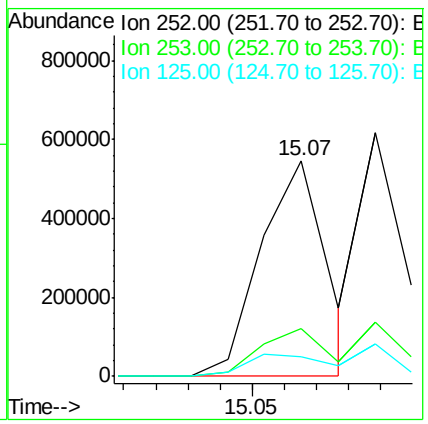





#87
Benzo(b)fluoranthene
Concen: 41.33 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:252 Resp: 769285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 9.3 | 11.3 | 16.9# |




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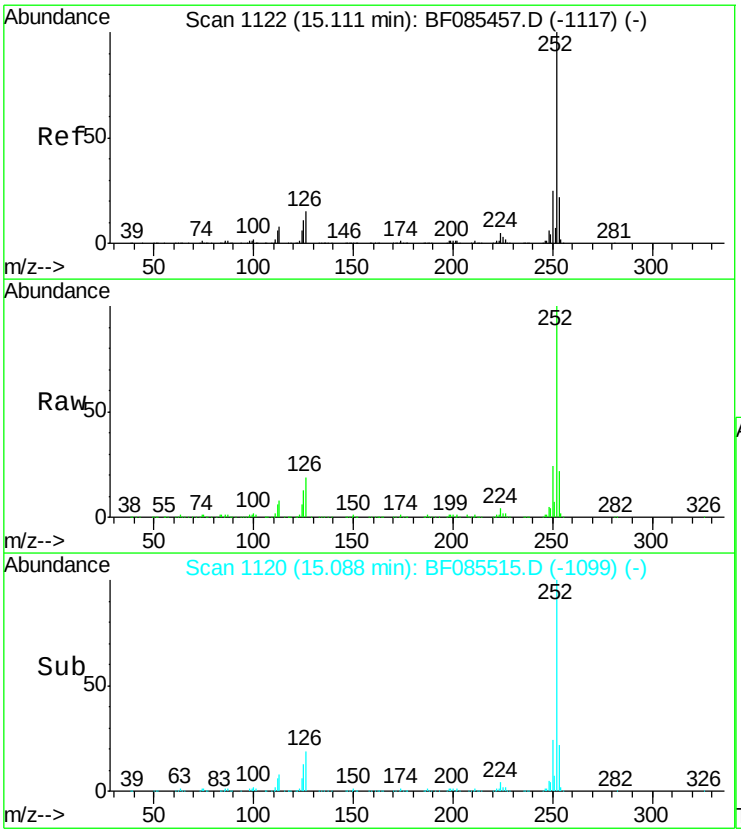
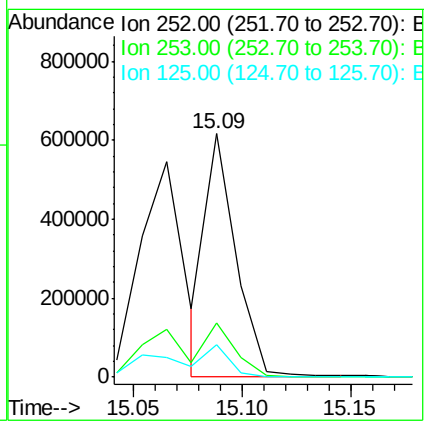
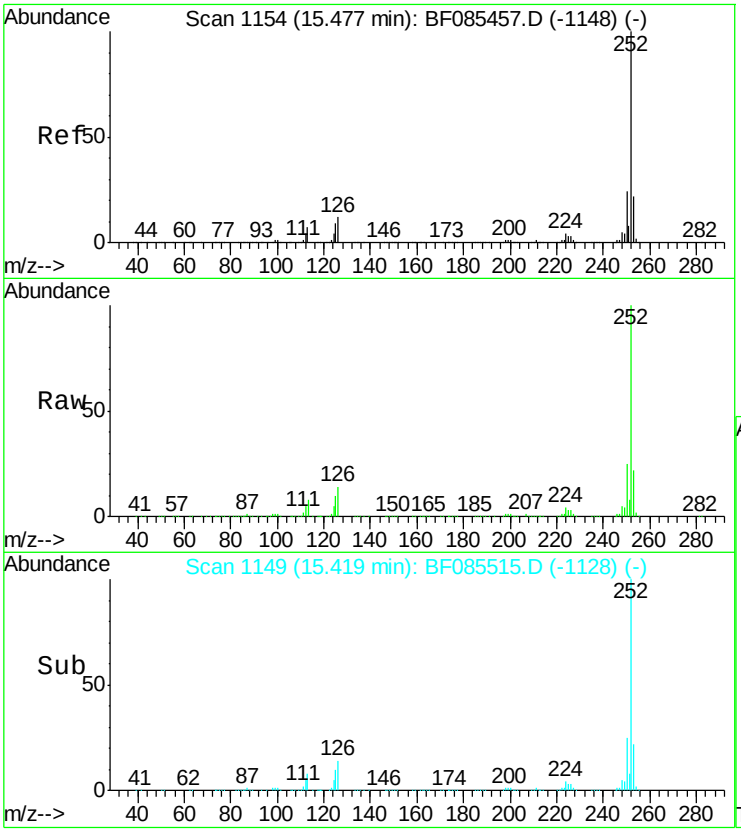



#88
Benzo(k)fluoranthene
Concen: 41.42 ng m
RT: 15.09 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:252 Resp: 603864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 13.2 | 10.4 | 15.6 |

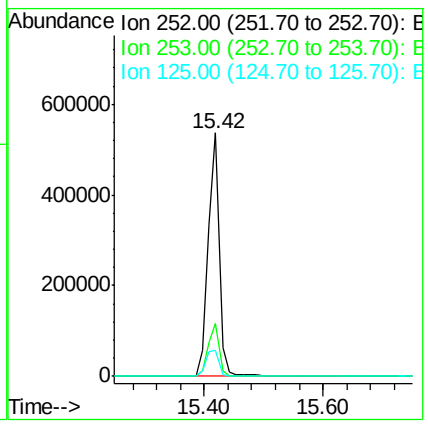





#89
Benzo(a)pyrene
Concen: 43.47 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:252 Resp: 699044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.4 | 26.0 |
| 125 | 10.5 | 8.2 | 12.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-14-COMPMSD

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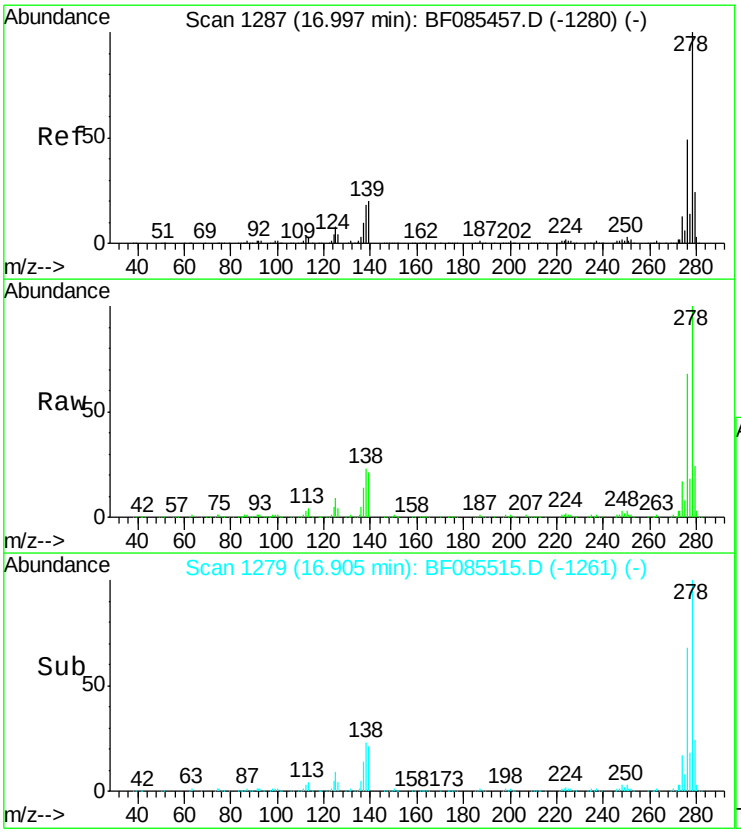
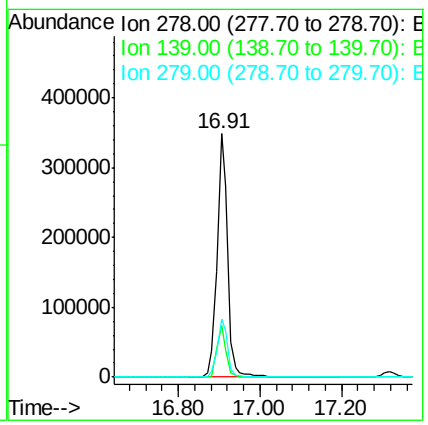
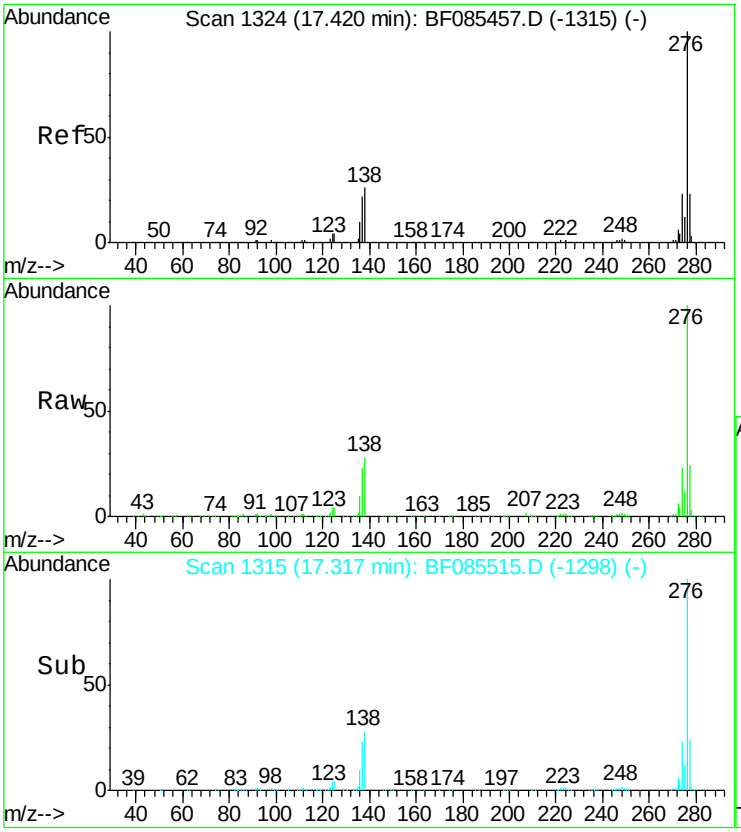



#90
Dibenzo(a,h)anthracene
Concen: 40.13 ng
RT: 16.91 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:278 Resp: 630343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.1 | 17.3 | 25.9 |
| 279 | 23.7 | 19.2 | 28.8 |

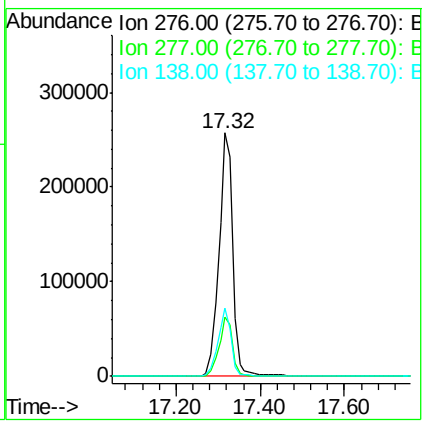





#91
Benzo(g,h,i)perylene
Concen: 36.29 ng
RT: 17.32 min Scan# 1315
Delta R.T. -0.10 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:276 Resp: 582223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.0 | 28.4 |
| 138 | 28.2 | 22.5 | 33.7 |




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