Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094924.D
Acq On : 5 Dec 2017 20:51
Operator : SJ/JU
Sample : I6698-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
Sohil
12/6/2017 5:10:19 PM

Quant Time: Dec 06 06:47:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.48 | 152 | 5537 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.33 | 136 | 12240 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.07 | 164 | 8035 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.79 | 188 | 16490 | 0.40 | ng | | 0.01 |
| 27) Chrysene-d12 | 21.89 | 240 | 16078m | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.57 | 264 | 14011 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.95 | 112 | 2777 | 0.32 | ng | | 0.00 |
| 5) Phenol-d6 | 7.59 | 99 | 2722 | 0.21 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.66 | 82 | 4760 | 0.66 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.86 | 152 | 12776 | 0.65 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.53 | 330 | 1636 | 0.85 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.71 | 172 | 25166 | 0.73 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.76 | 212 | 139914 | 0.62 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.33 | 244 | 28252 | 0.95 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.68 | 88 | 1406 | 0.243 | ng | # | 31 |
| 3) n-Nitrosodimethylamine | 4.01 | 42 | 2049 | 0.278 | ng | | 86 |
| 6) bis(2-Chloroethyl)ether | 7.88 | 93 | 8216 | 0.638 | ng | | 97 |
| 9) Naphthalene | 11.38 | 128 | 97501 | 0.679 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.64 | 225 | 3904 | 0.645 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.94 | 142 | 25105 | 0.704 | ng | | 94 |
| 16) Acenaphthylene | 14.79 | 152 | 26708 | 0.588 | ng | # | 92 |
| 17) Acenaphthene | 15.13 | 154 | 16198 | 0.552 | ng | | 92 |
| 18) Fluorene | 16.10 | 166 | 22017 | 0.590 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 16.97 | 248 | 6290 | 0.684 | ng | # | 48 |
| 21) Hexachlorobenzene | 17.10 | 284 | 5835 | 0.650 | ng | # | 72 |
| 22) Pentachlorophenol | 17.43 | 266 | 6201 | 2.220 | ng | # | 72 |
| 23) Phenanthrene | 17.82 | 178 | 34981 | 0.666 | ng | # | 95 |
| 24) Anthracene | 17.91 | 178 | 34395m | 0.617 | ng | | |
| 26) Fluoranthene | 19.79 | 202 | 42593 | 0.631 | ng | | 99 |
| 28) Pyrene | 20.14 | 202 | 43560 | 0.785 | ng | # | 93 |
| 30) Benzo(a)anthracene | 21.87 | 228 | 37723 | 0.765 | ng | # | 63 |
| 31) Chrysene | 21.92 | 228 | 35109m | 0.644 | ng | | |
| 32) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 112313 | 1.375 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 27.44 | 276 | 33284 | 0.747 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.73 | 252 | 33444 | 0.654 | ng | # | 42 |
| 36) Benzo(k)fluoranthene | 23.79 | 252 | 33320 | 0.639 | ng | # | 40 |
| 37) Benzo(a)pyrene | 24.44 | 252 | 31500 | 0.702 | ng | # | 34 |
| 38) Dibenzo(a,h)anthracene | 27.47 | 278 | 27275 | 0.658 | ng | # | 44 |
| 39) Benzo(g,h,i)perylene | 28.33 | 276 | 28104 | 0.679 | ng | # | 51 |

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

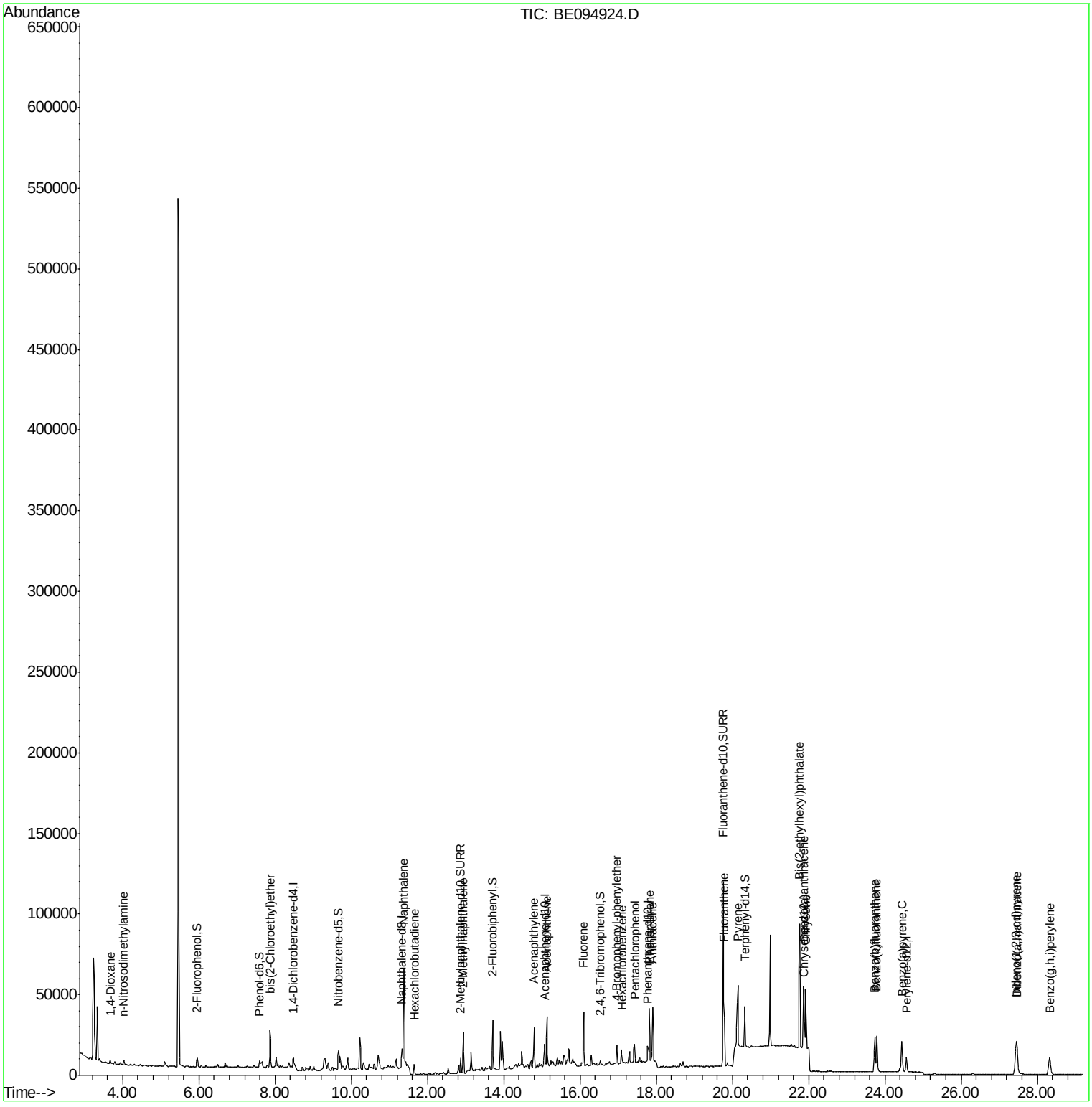
Quantitation Report (QT Reviewed)

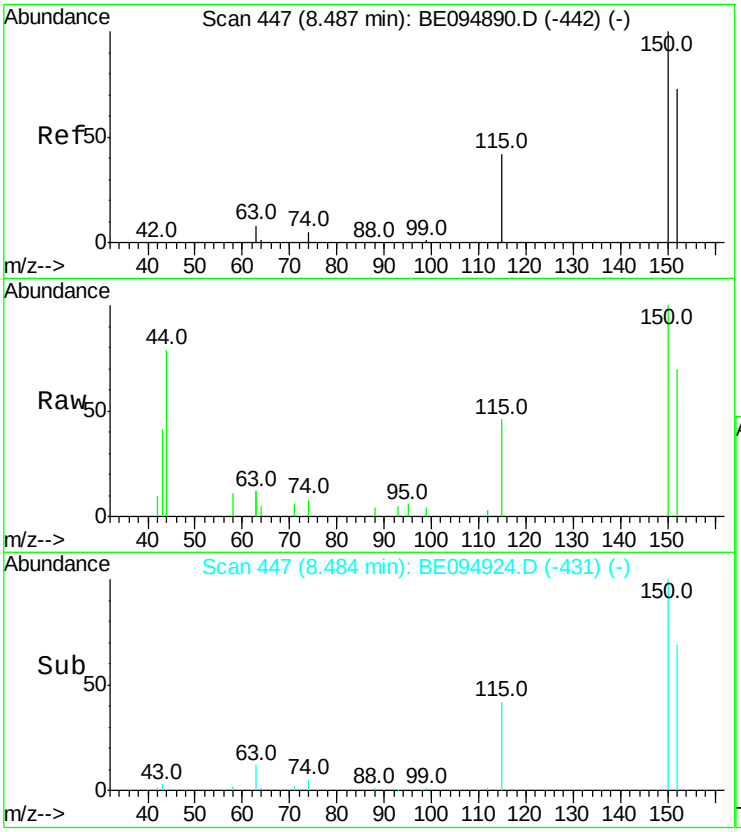
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094924.D
Acq On : 5 Dec 2017 20:51
Operator : SJ/JU
Sample : I6698-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 06 06:47:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
Sohil
12/6/2017 5:10:19 PM

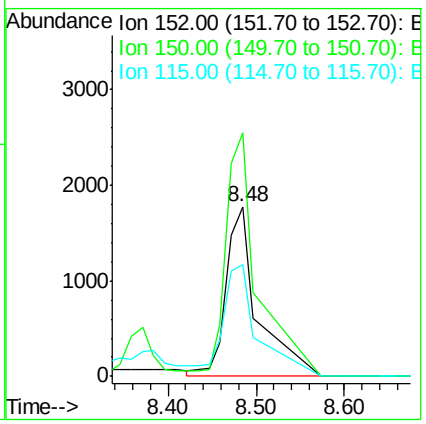





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:152 Resp: 5537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 143.6 | 117.2 | 175.8 |
| 115 | 66.0 | 57.0 | 85.6 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
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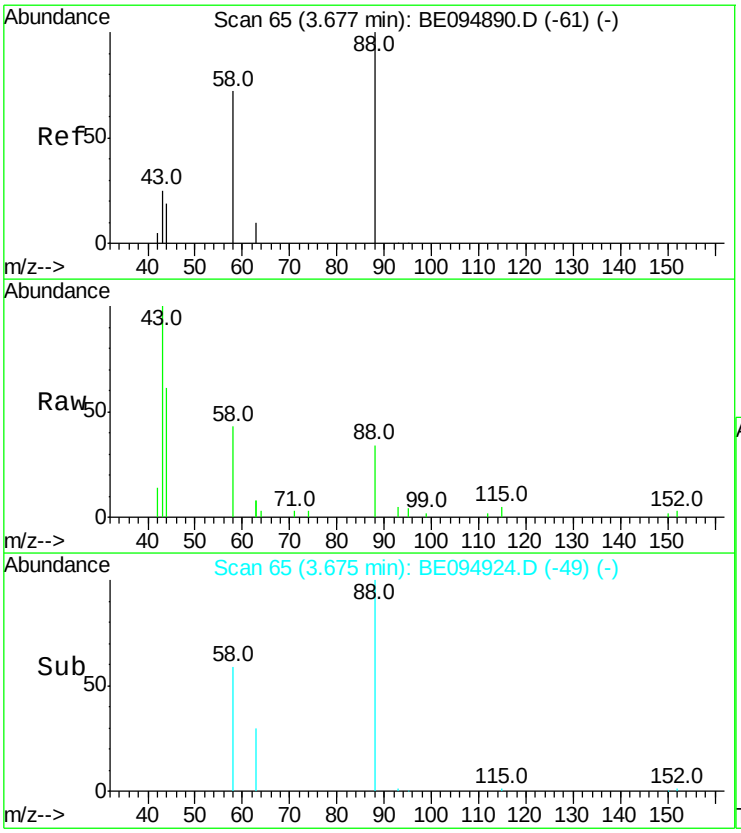
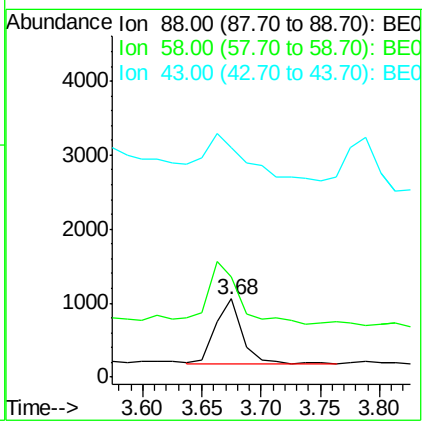
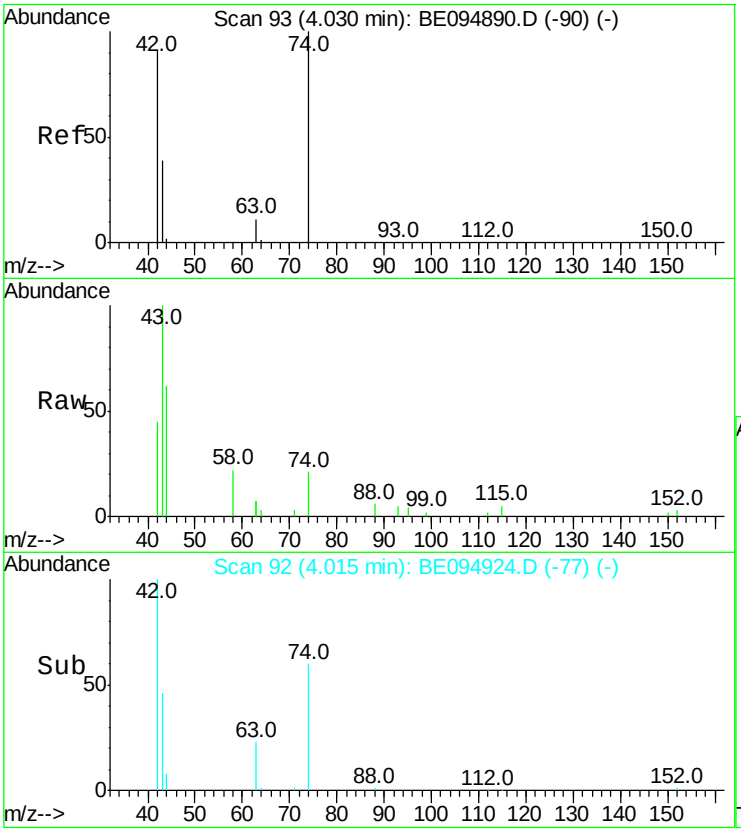



#2
1,4-Dioxane
Concen: 0.243 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 88 Resp: 1406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 130.4 | 63.2 | 94.8# |
| 43 | 110.5 | 41.2 | 61.8# |

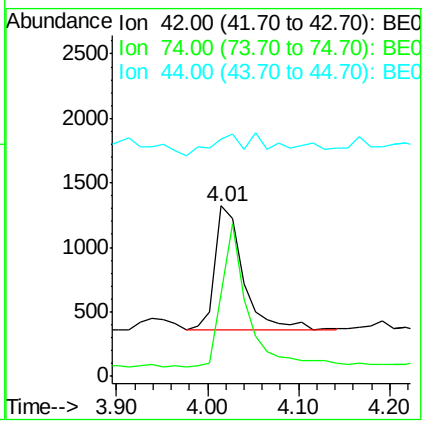





#3
n-Nitrosodimethylamine
Concen: 0.278 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 42 Resp: 2049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 107.2 | 100.3 | 150.5 |
| 44 | 18.4 | 17.0 | 25.4 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
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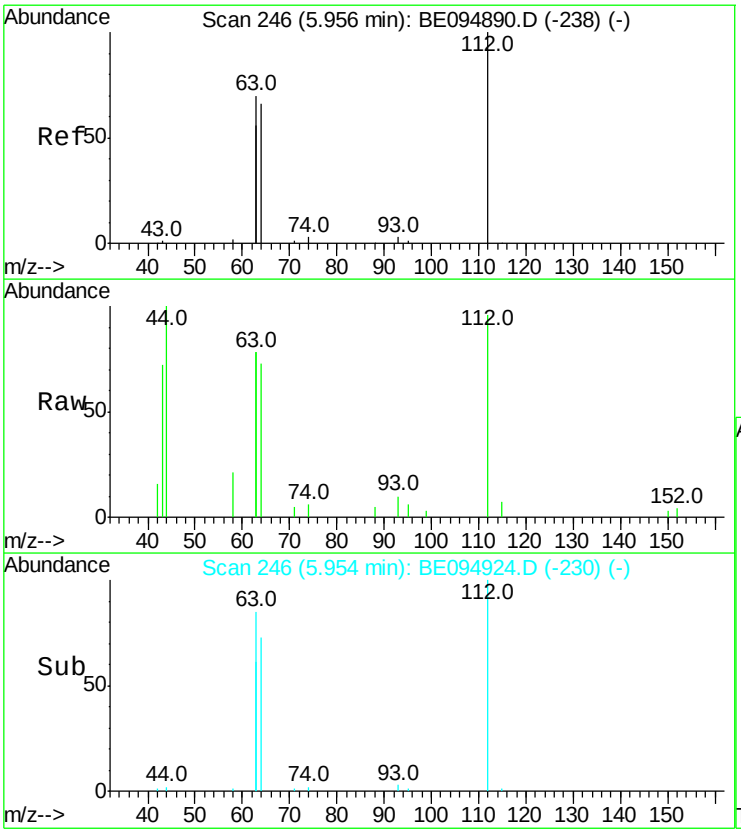
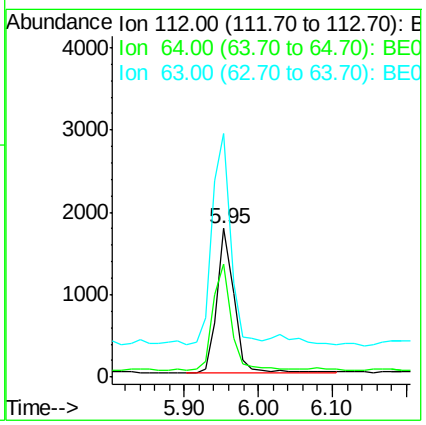
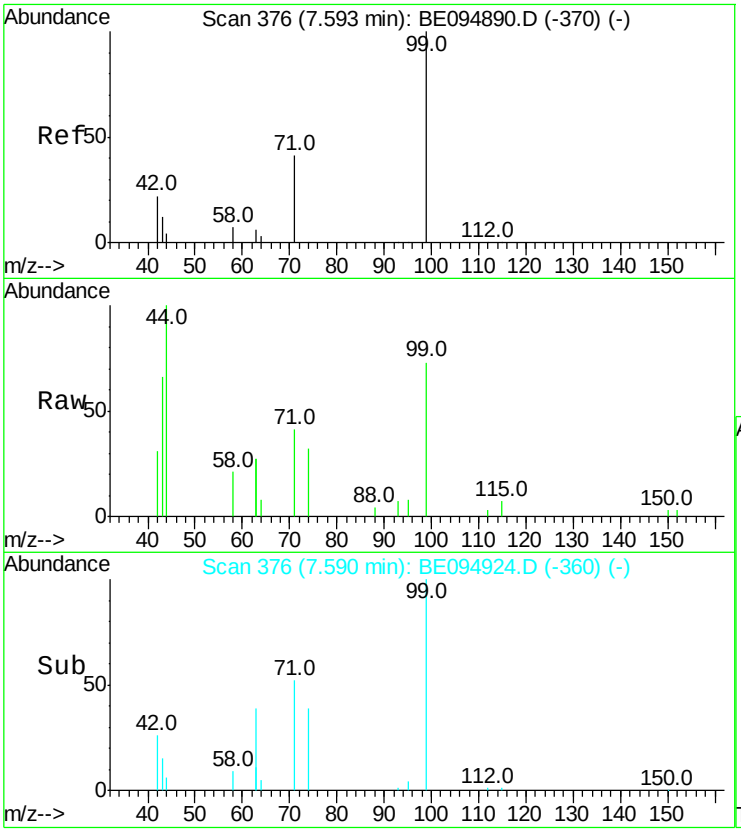



#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:112 Resp: 2777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 80.9 | 60.1 | 90.1 |
| 63 | 158.1 | 116.8 | 175.2 |






#5
Phenol-d6
Concen: 0.210 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 99 Resp: 2722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 31.0 | 20.2 | 30.2# |
| 71 | 43.8 | 28.4 | 42.6# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
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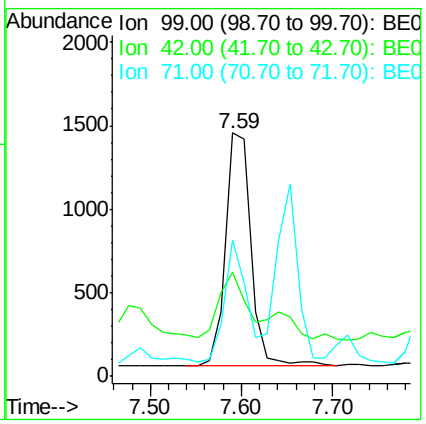
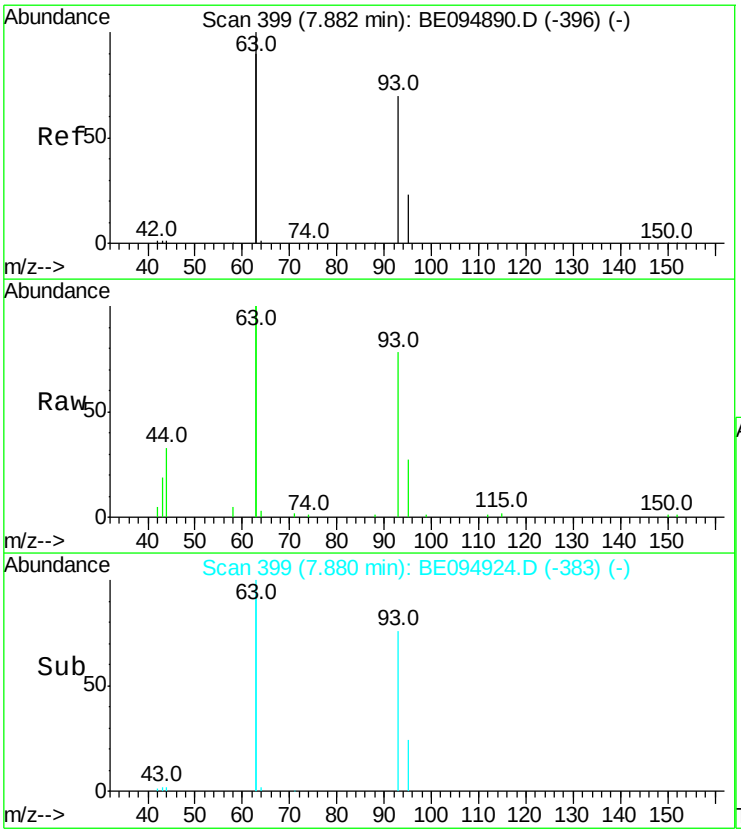
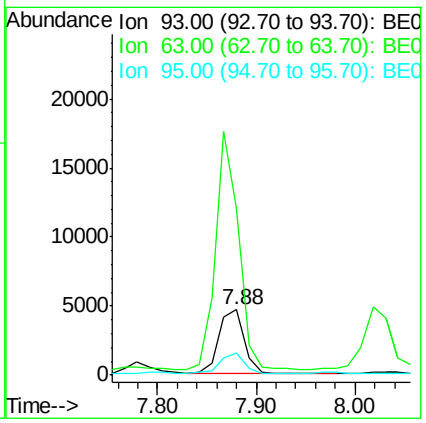


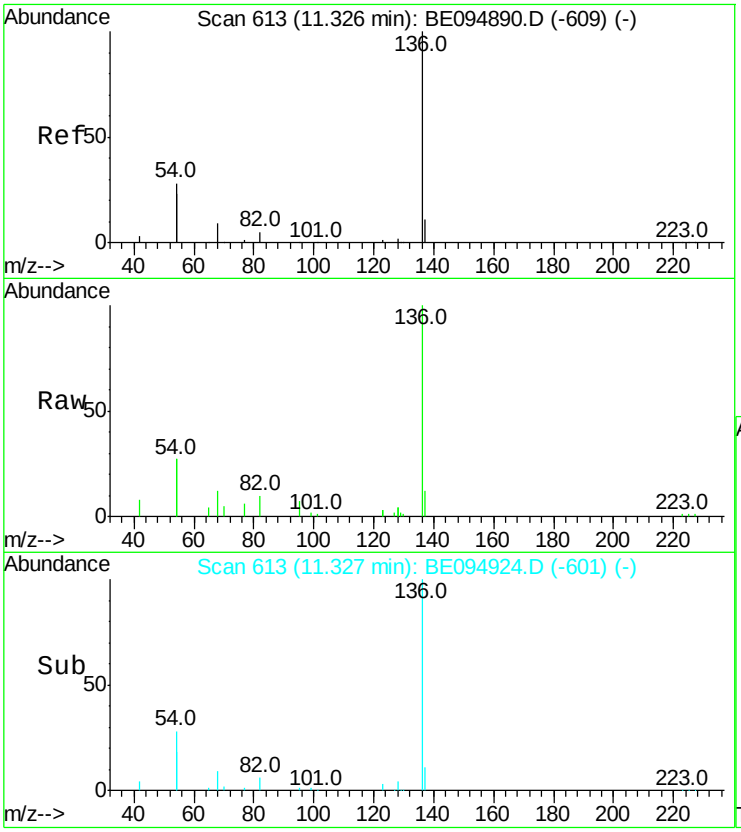




#6
bis(2-Chloroethyl)ether
Concen: 0.638 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 93 Resp: 8216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 338.0 | 275.3 | 412.9 |
| 95 | 31.1 | 25.2 | 37.8 |

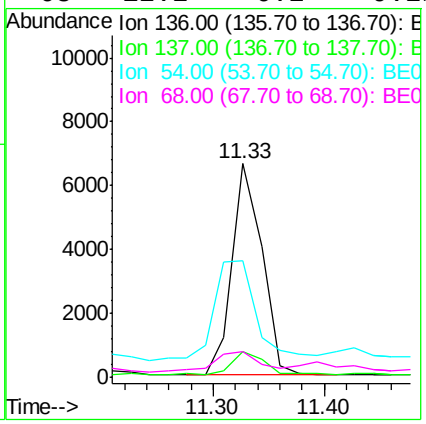





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:136 Resp: 12240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.5 | 14.3 |
| 54 | 54.7 | 29.1 | 43.7# |
| 68 | 12.2 | 6.2 | 9.2# |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
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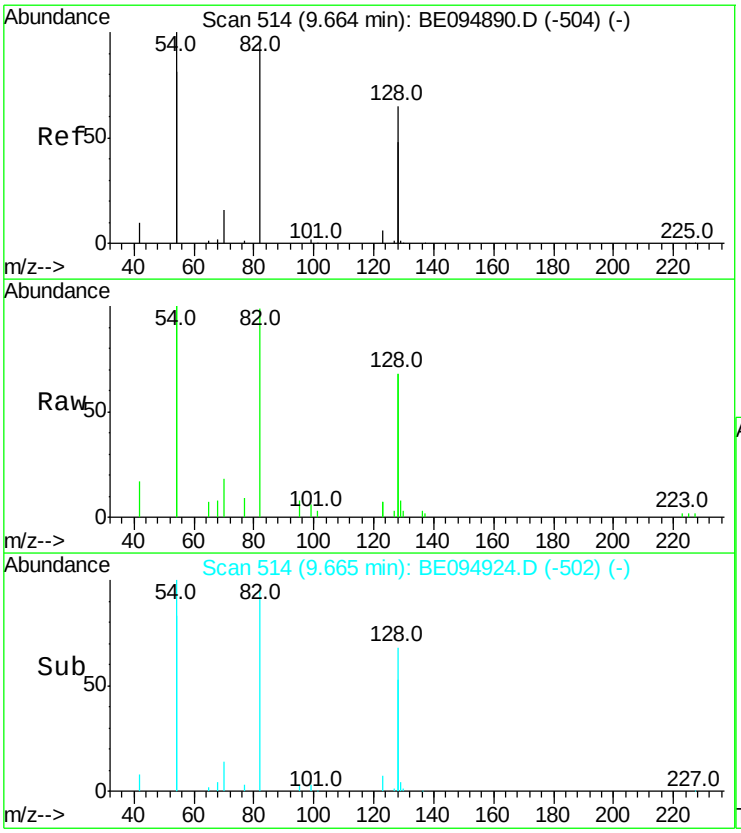
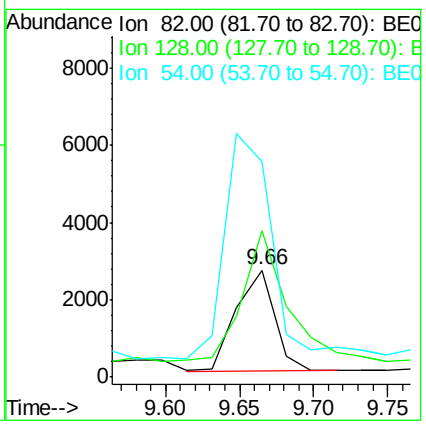
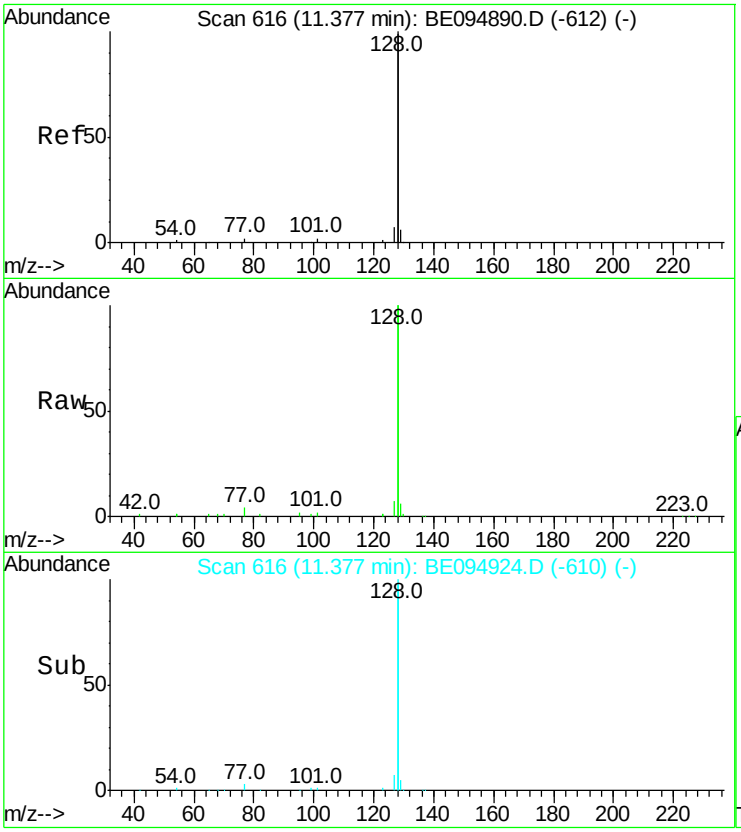



#8
Nitrobenzene-d5
Concen: 0.657 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 82 Resp: 4760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 137.1 | 150.0 | 225.0# |
| 54 | 201.6 | 154.2 | 231.4 |

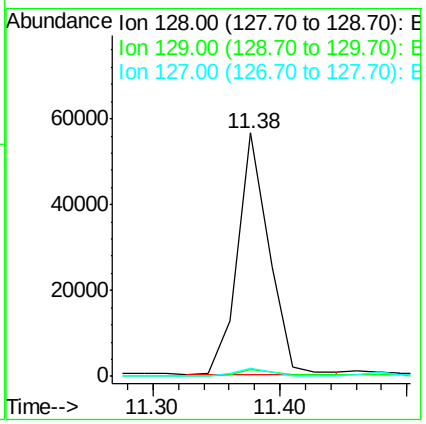





#9
Naphthalene
Concen: 0.679 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:128 Resp: 97501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.0 | 2.6 | 3.8 |
| 127 | 3.5 | 2.8 | 4.2 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
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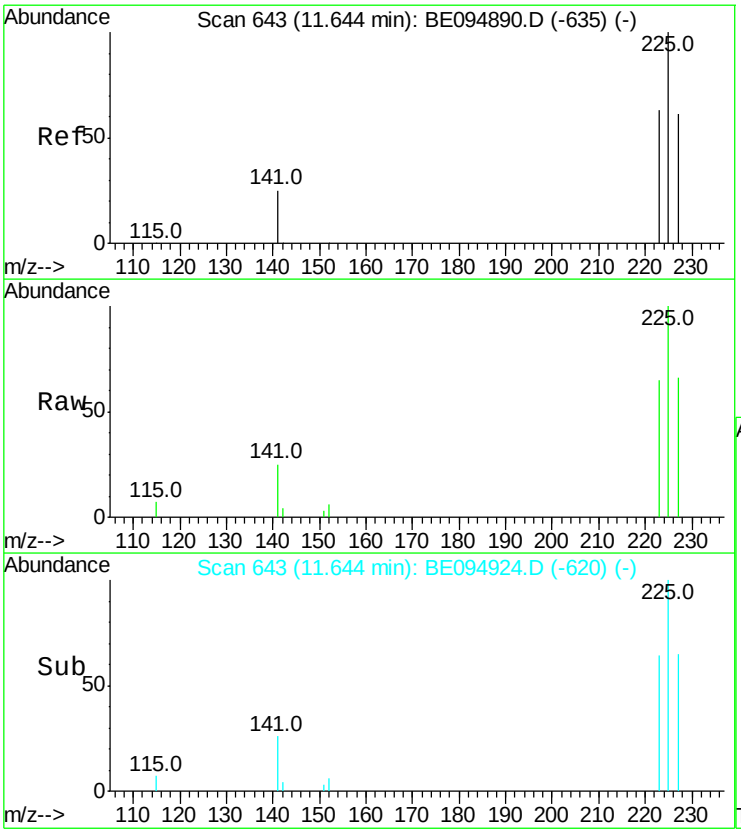
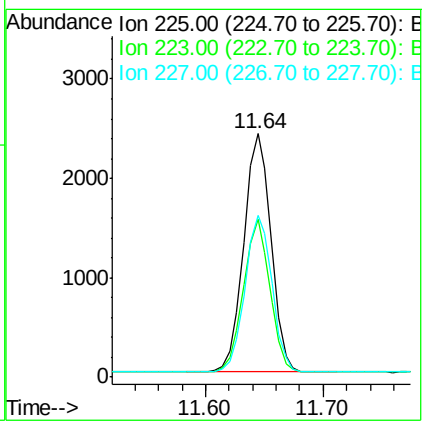
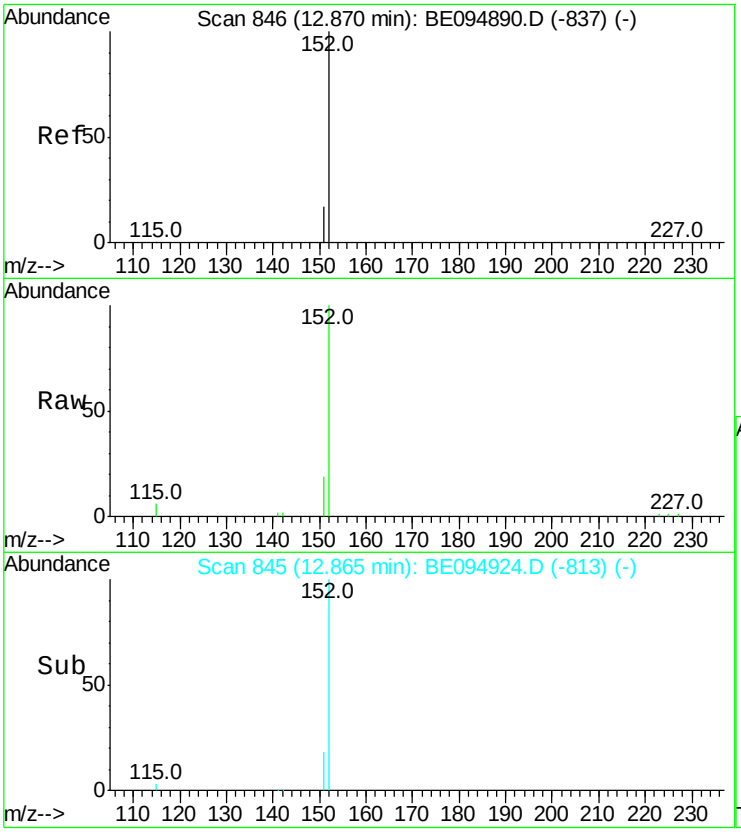



#10
Hexachlorobutadiene
Concen: 0.645 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:225 Resp: 3904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 53.0 | 79.6 |
| 227 | 64.9 | 51.4 | 77.2 |

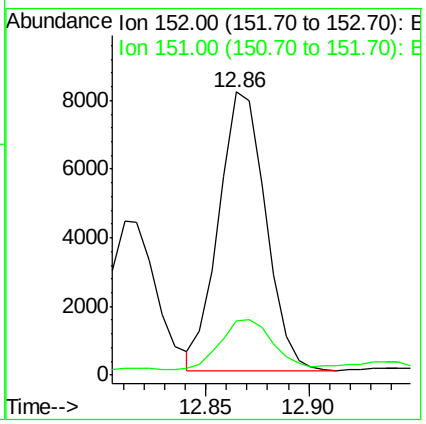





#11
2-Methylnaphthalene-d10
Concen: 0.654 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

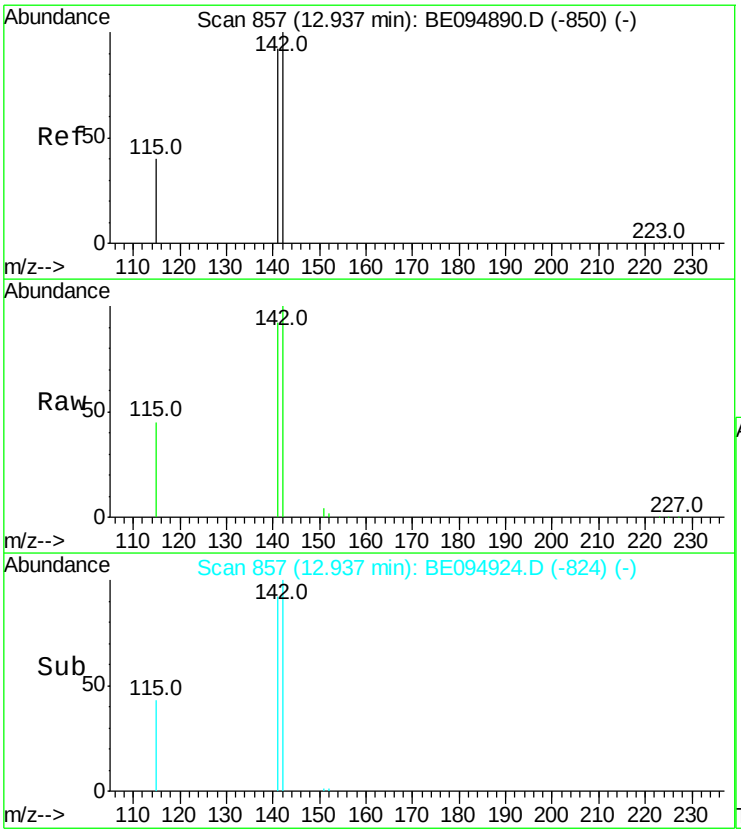
Tgt Ion:152 Resp: 12776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.2 | 15.4 | 23.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

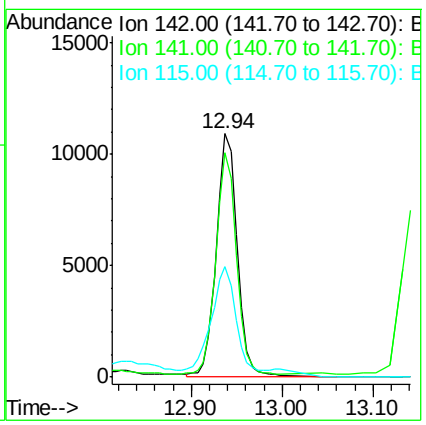
**Manual Integrations APPROVED**
Sohil
12/6/2017 5:10:19 PM

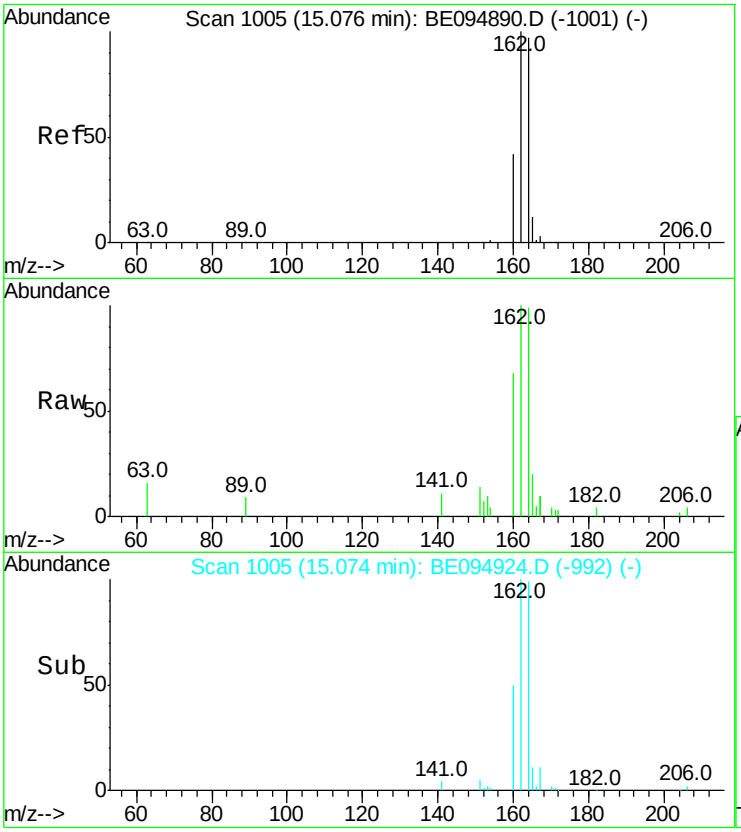



#12
2-Methylnaphthalene
Concen: 0.704 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:142 Resp: 25105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.2 | 70.4 | 105.6 |
| 115 | 45.3 | 31.7 | 47.5 |

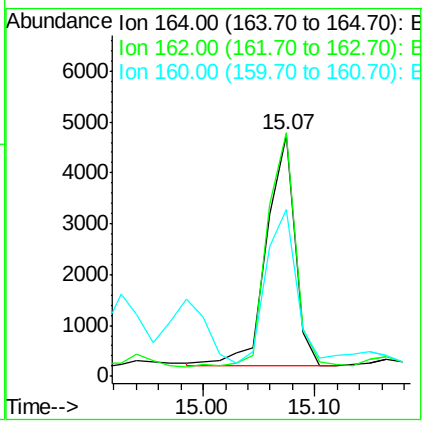





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

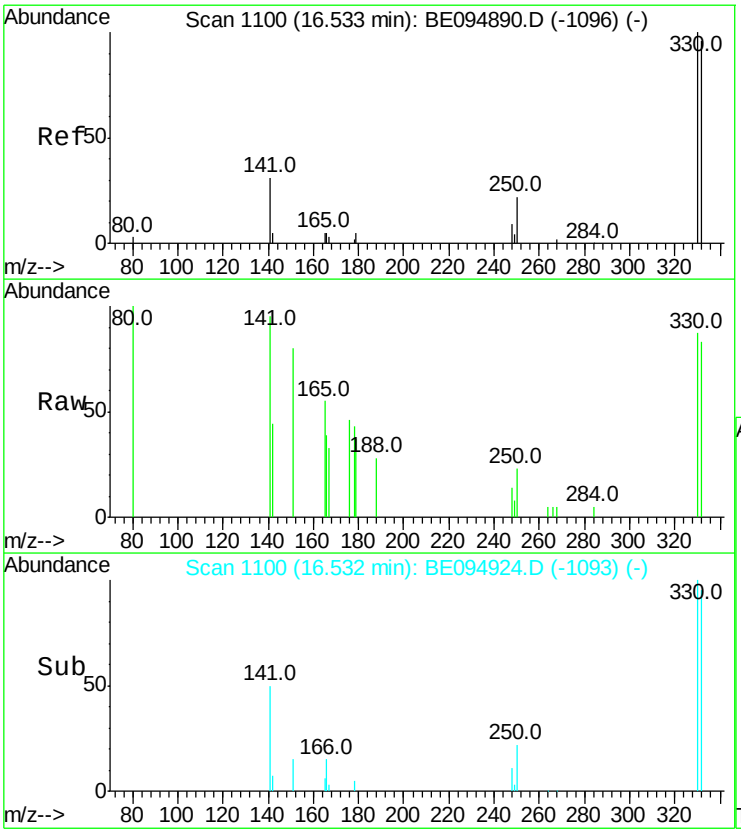
Tgt Ion:164 Resp: 8035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 83.1 | 124.7 |
| 160 | 69.1 | 37.1 | 55.7# |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

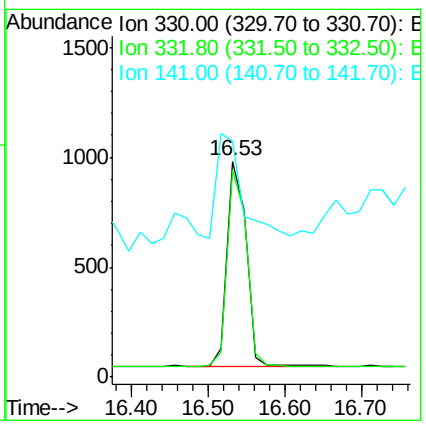
**Manual Integrations APPROVED**
Sohil
12/6/2017 5:10:19 PM

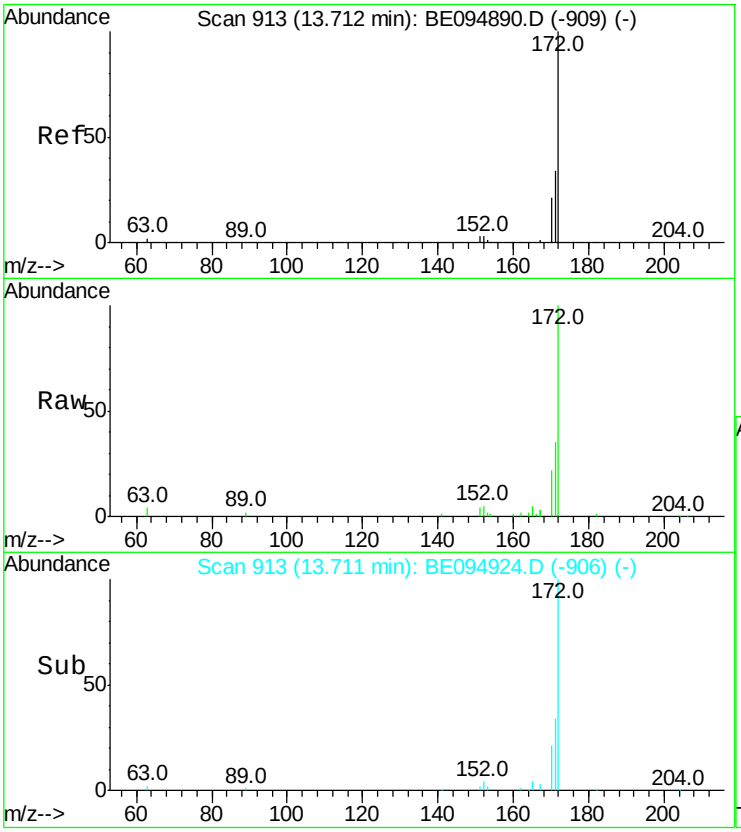



#14
2,4,6-Tribromophenol
Concen: 0.847 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:330 Resp: 1636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 152.7 | 229.1# |
| 141 | 61.6 | 33.7 | 50.5# |






#15
2-Fluorobiphenyl
Concen: 0.731 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:172 Resp: 25166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 29.9 | 44.9 |
| 170 | 21.7 | 21.8 | 32.8# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

**Manual Integrations APPROVED**
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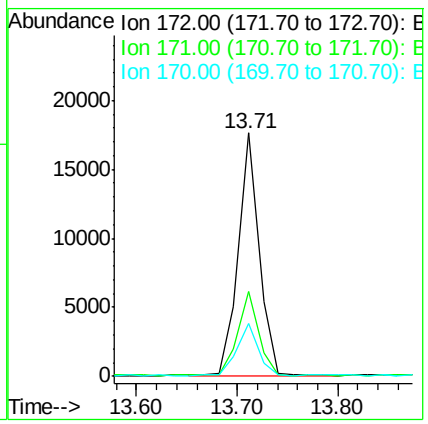
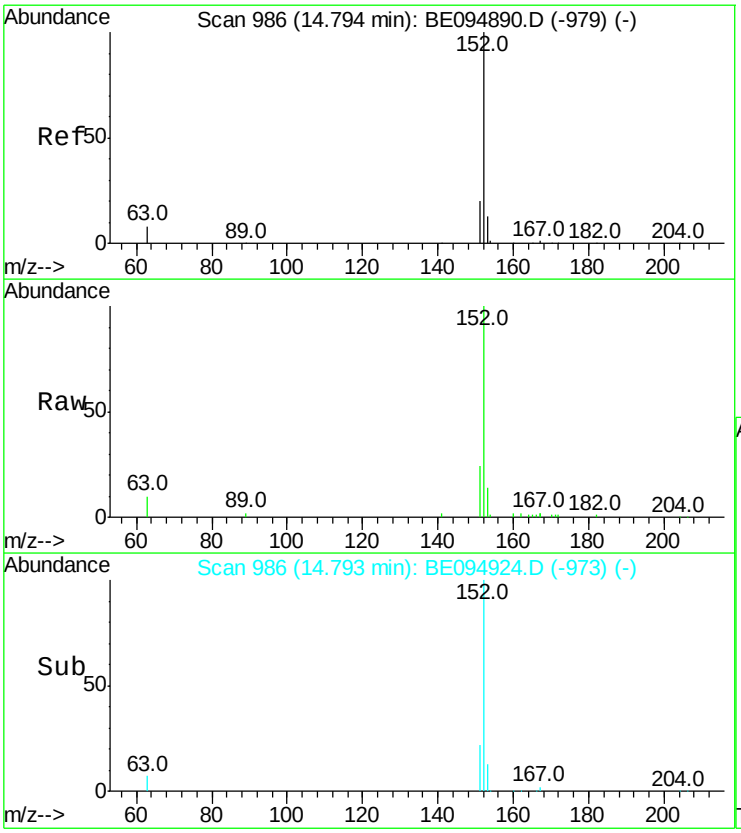
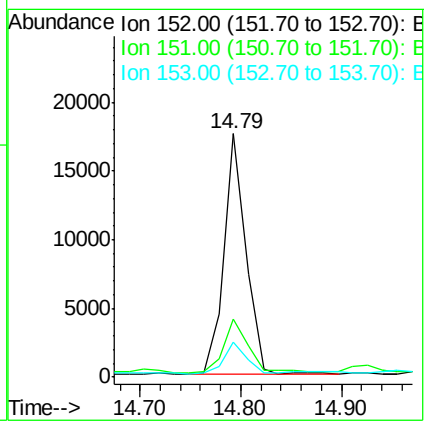


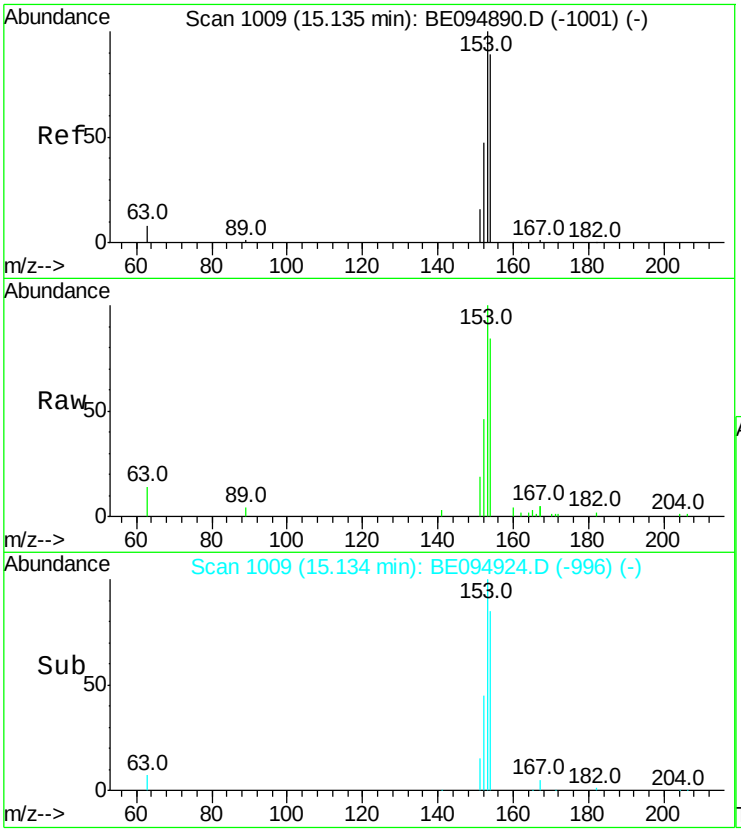




#16
Acenaphthylene
Concen: 0.588 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:152 Resp: 26708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 25.3 | 15.7 | 23.5# |
| 153 | 13.0 | 10.5 | 15.7 |

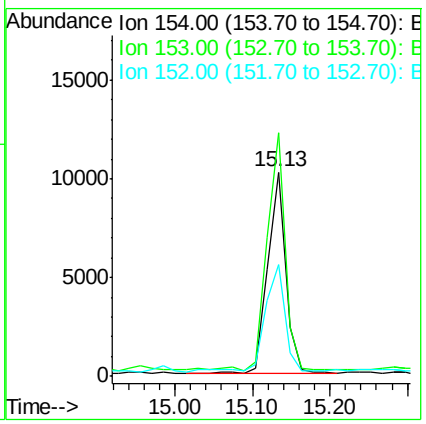





#17
Acenaphthene
Concen: 0.552 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:154 Resp: 16198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 120.7 | 89.2 | 133.8 |
| 152 | 57.3 | 42.0 | 63.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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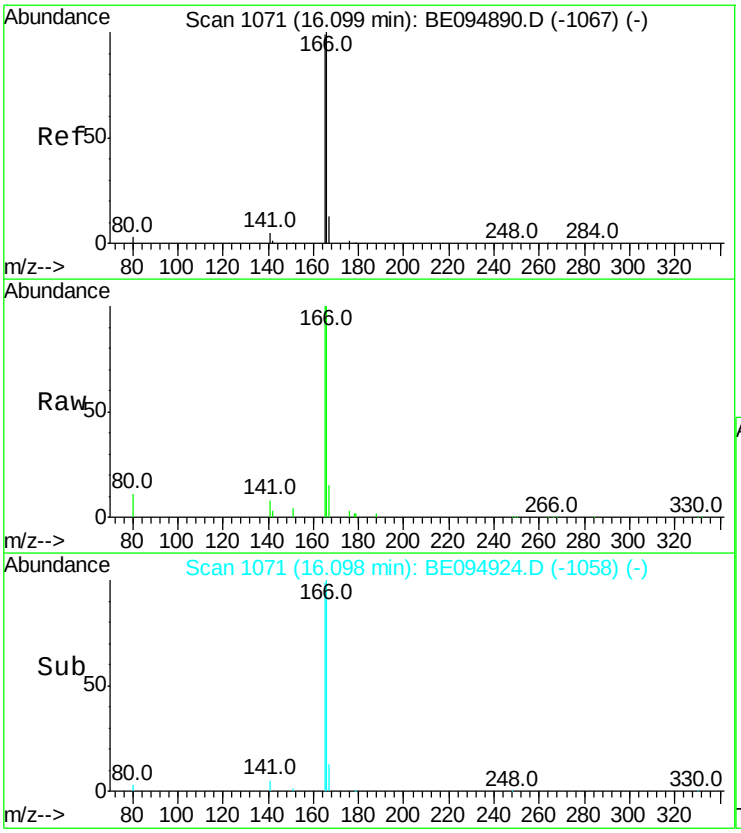
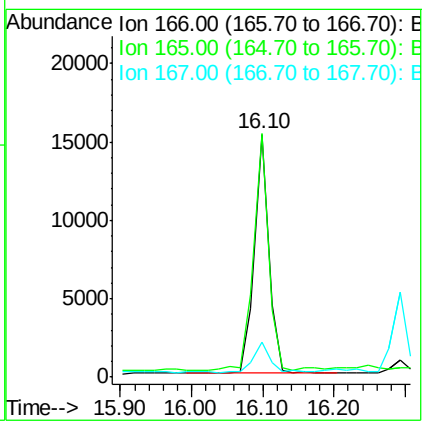
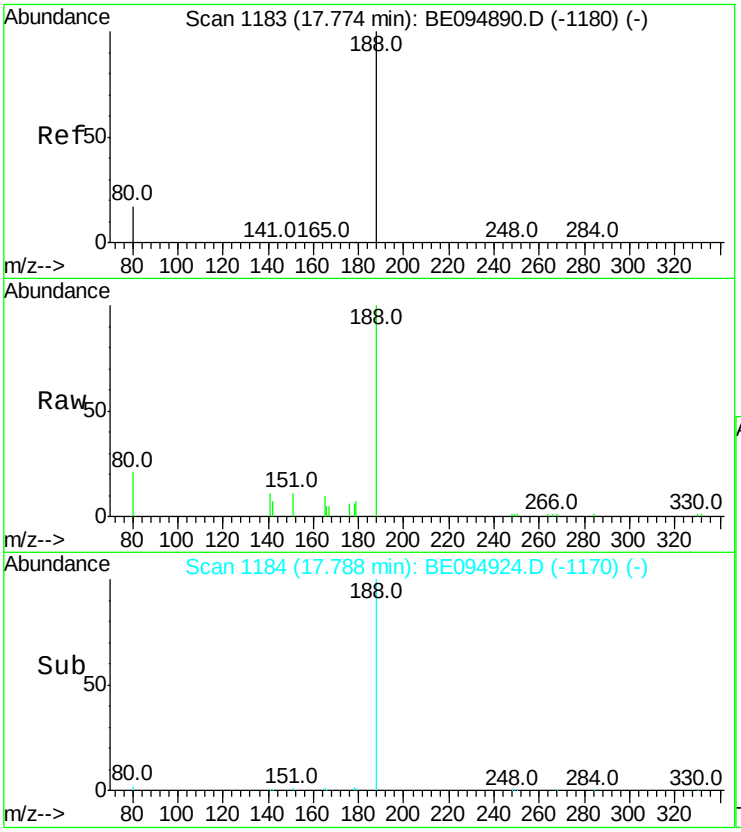



#18
Fluorene
Concen: 0.590 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:166 Resp: 22017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.7 | 77.8 | 116.6 |
| 167 | 14.0 | 42.4 | 63.6# |

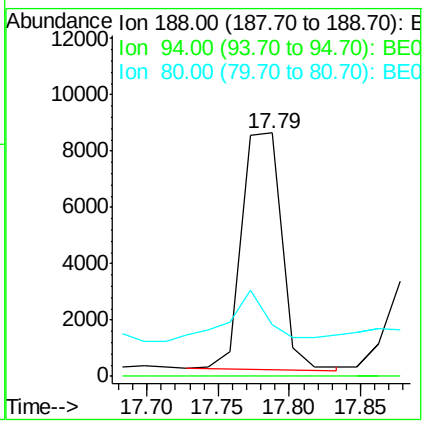





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:188 Resp: 16490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 21.1 | 3.6 | 5.4# |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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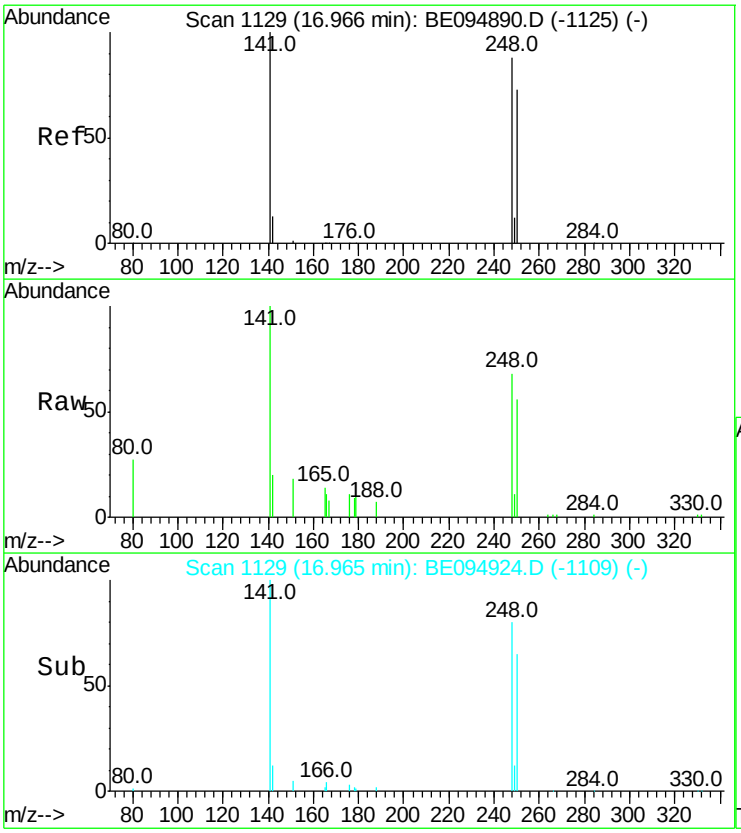
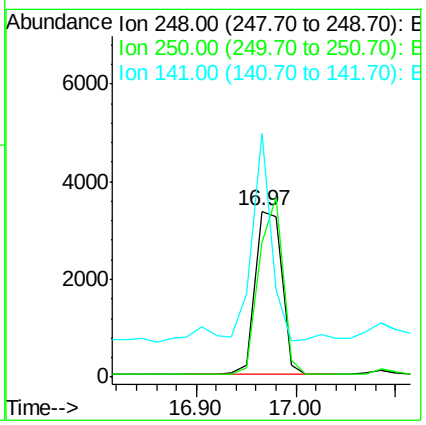
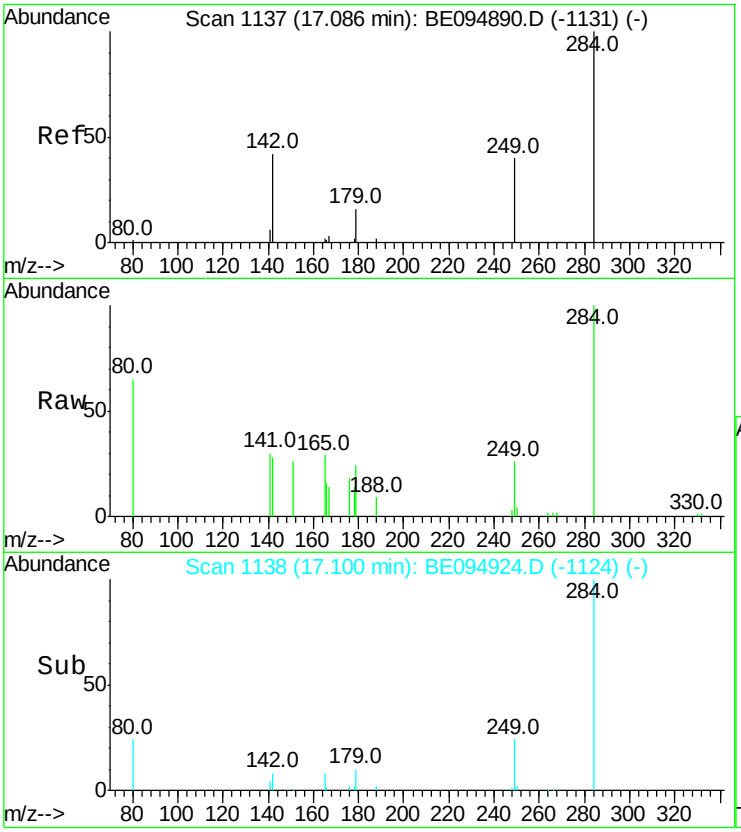



#20
4-Bromophenyl-phenylether
Concen: 0.684 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:248 Resp: 6290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 81.5 | 62.7 | 94.1 |
| 141 | 146.6 | 48.2 | 72.2# |






#21
Hexachlorobenzene
Concen: 0.650 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:284 Resp: 5835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 54.5 | 22.1 | 33.1# |
| 249 | 35.3 | 34.8 | 52.2 |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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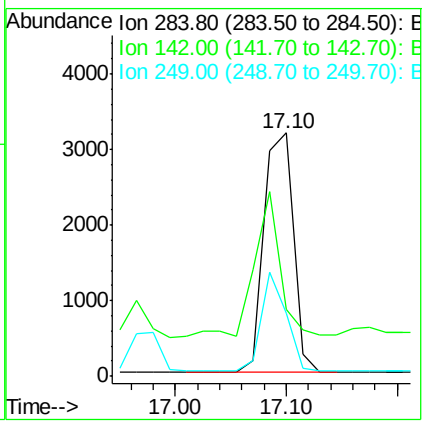
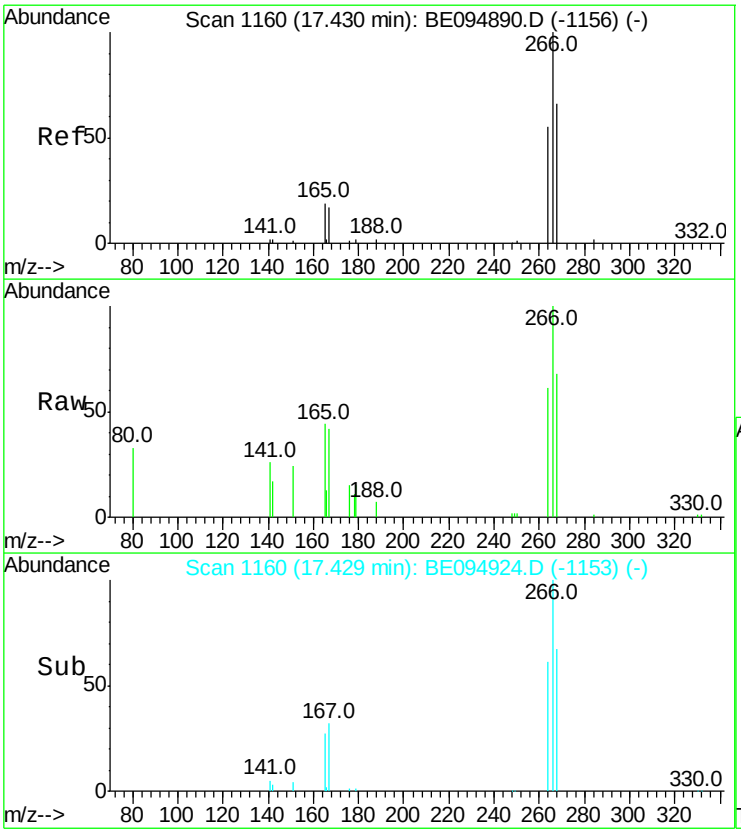
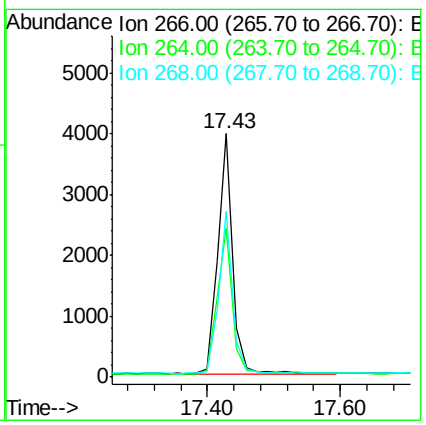


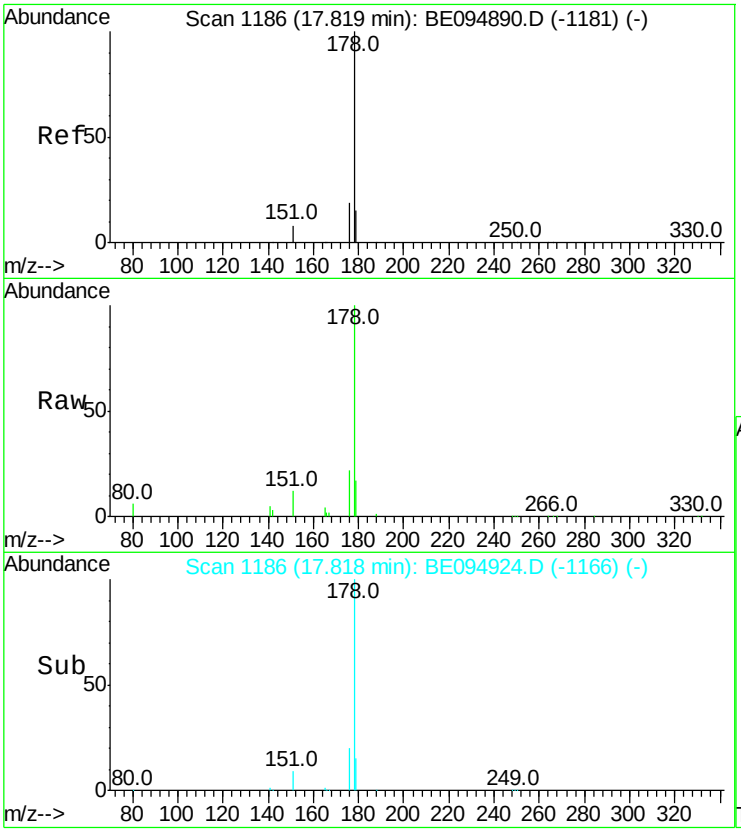




#22
Pentachlorophenol
Concen: 2.220 ng
RT: 17.43 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:266 Resp: 6201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 61.2 | 72.5 | 108.7# |
| 268 | 67.9 | 73.8 | 110.6# |






#23
Phenanthrene
Concen: 0.666 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:178 Resp: 34981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.1 | 22.7 |
| 179 | 18.0 | 11.8 | 17.6# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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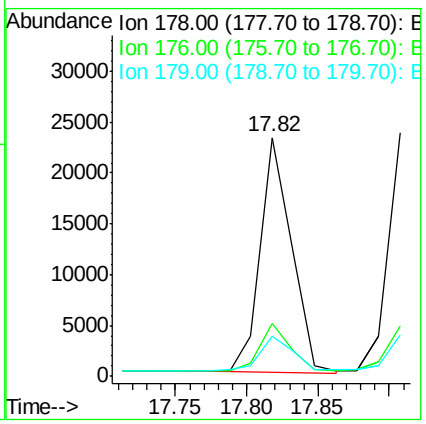
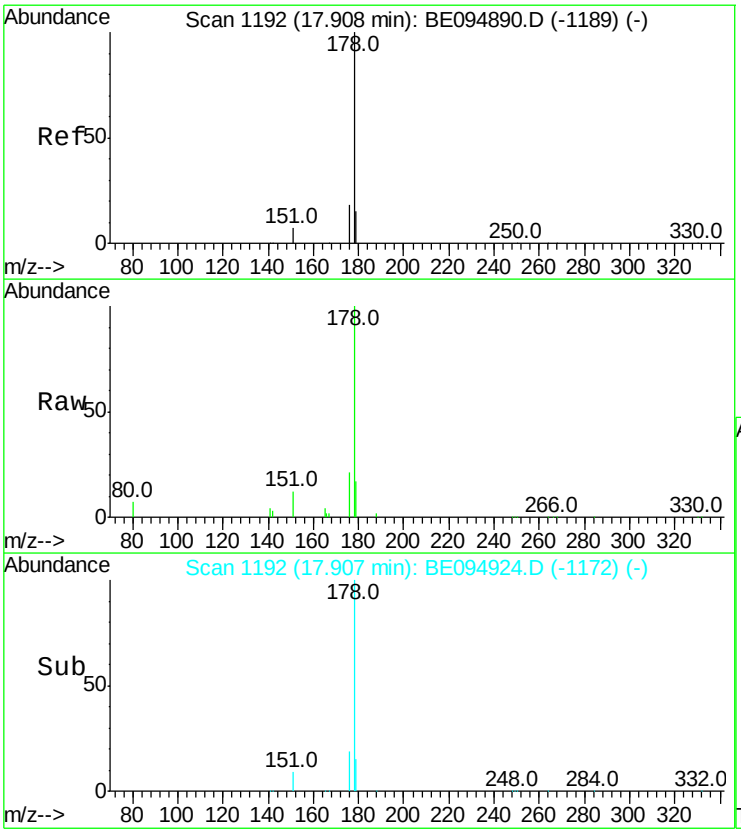
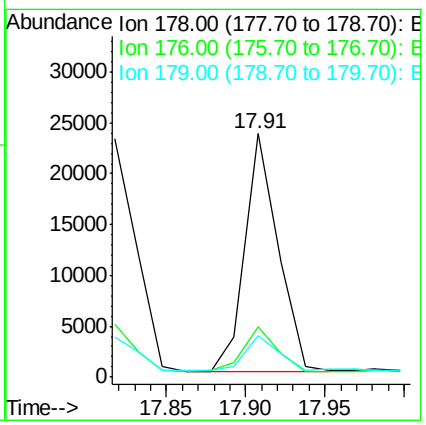


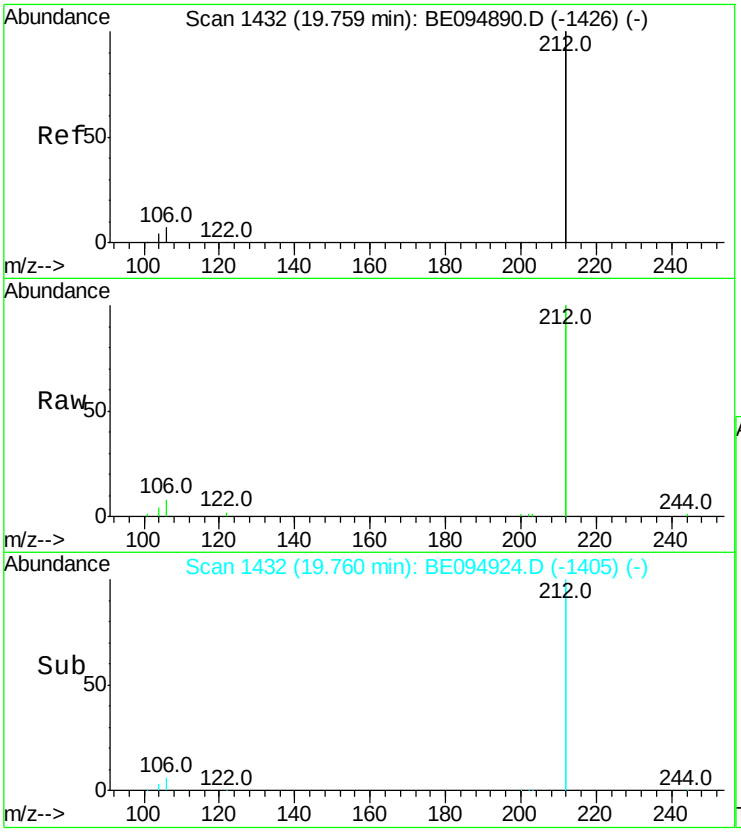




#24
Anthracene
Concen: 0.617 ng m
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:178 Resp: 34395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 12.8 | 19.2 |
| 179 | 32.1 | 13.0 | 19.6# |

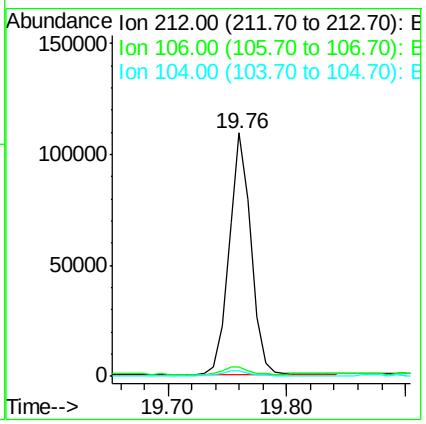





#25
Fluoranthene-d10
Concen: 0.621 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:212 Resp: 139914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.5 | 2.8 | 4.2 |
| 104 | 2.0 | 1.6 | 2.4 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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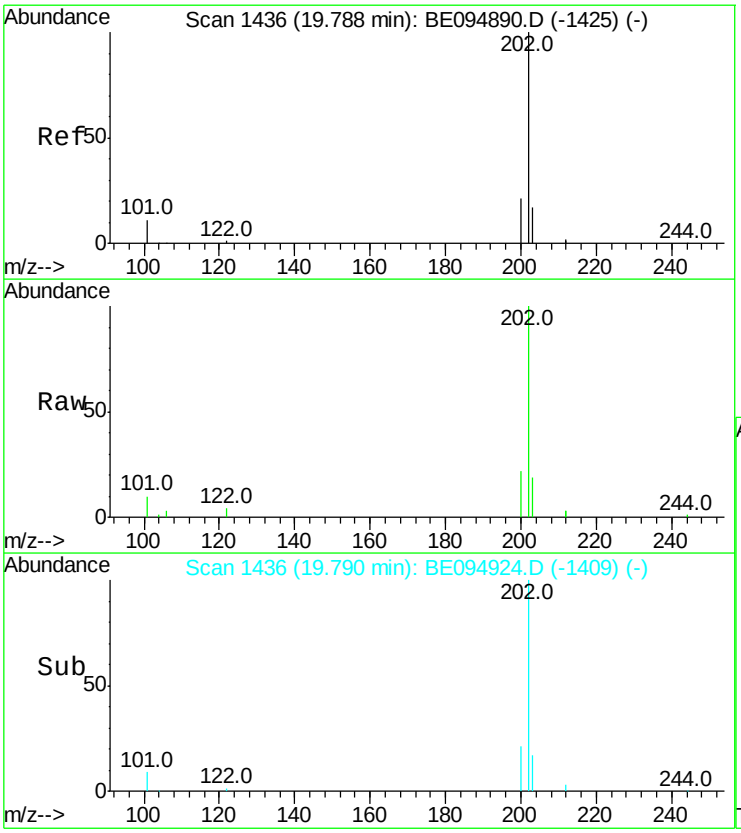
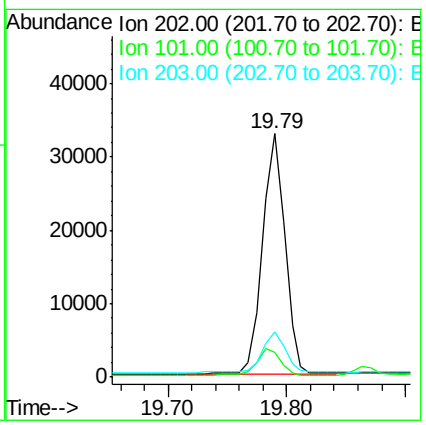
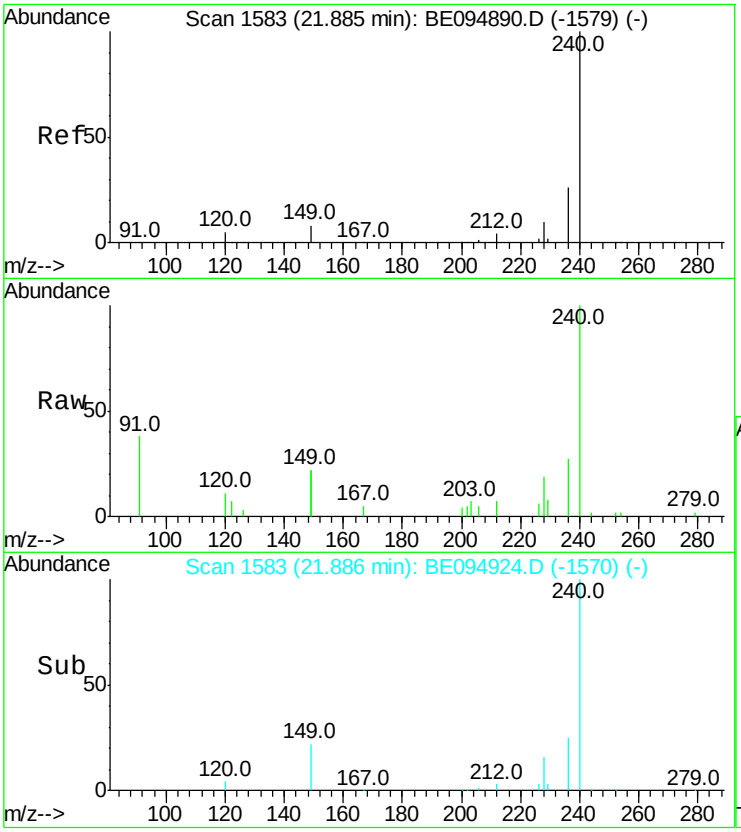



#26
Fluoranthene
Concen: 0.631 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:202 Resp: 42593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 9.8 | 14.8 |
| 203 | 16.9 | 13.7 | 20.5 |






#27
Chrysene-d12
Concen: 0.400 ng m
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:240 Resp: 16078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 5.5 | 8.3# |
| 236 | 26.8 | 20.7 | 31.1 |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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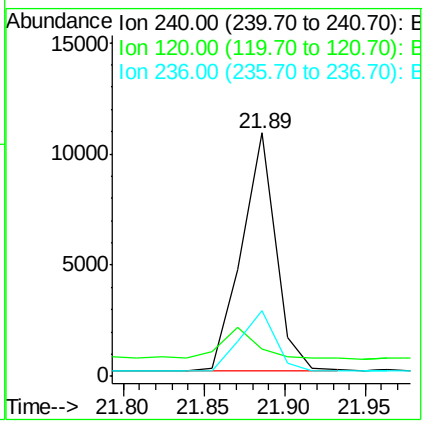
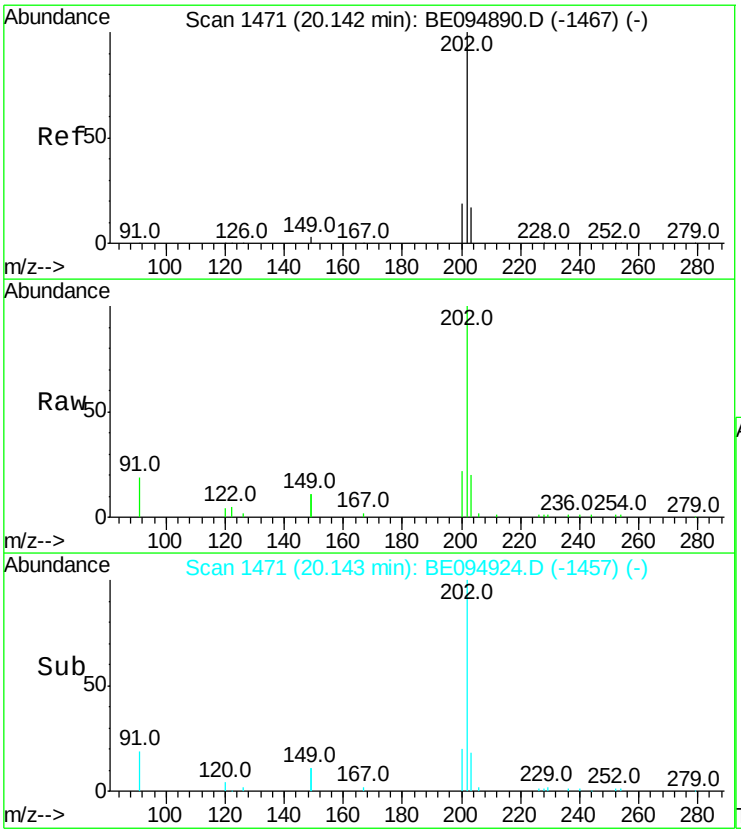
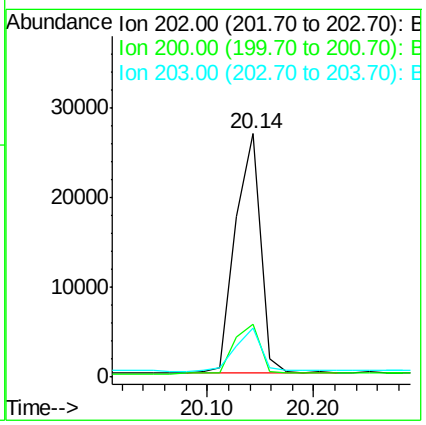


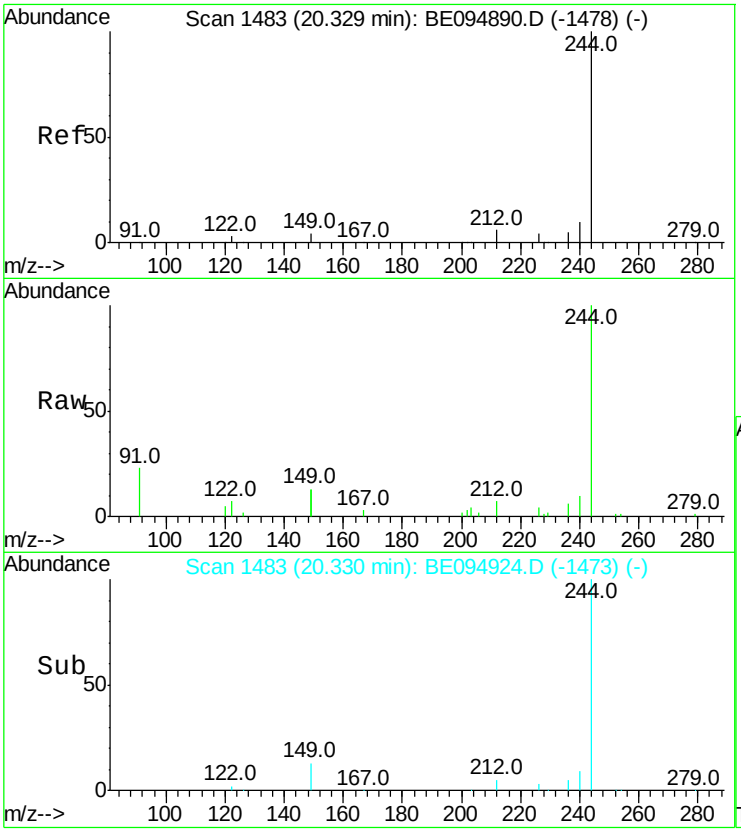




#28
Pyrene
Concen: 0.785 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:202 Resp: 43560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.8 | 16.6 | 25.0# |
| 203 | 18.7 | 13.8 | 20.8 |






#29
Terphenyl-d14
Concen: 0.951 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:244 Resp: 28252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 25.4 | 38.0# |
| 122 | 7.5 | 8.1 | 12.1# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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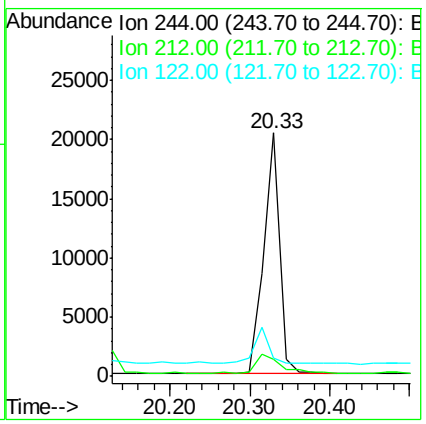
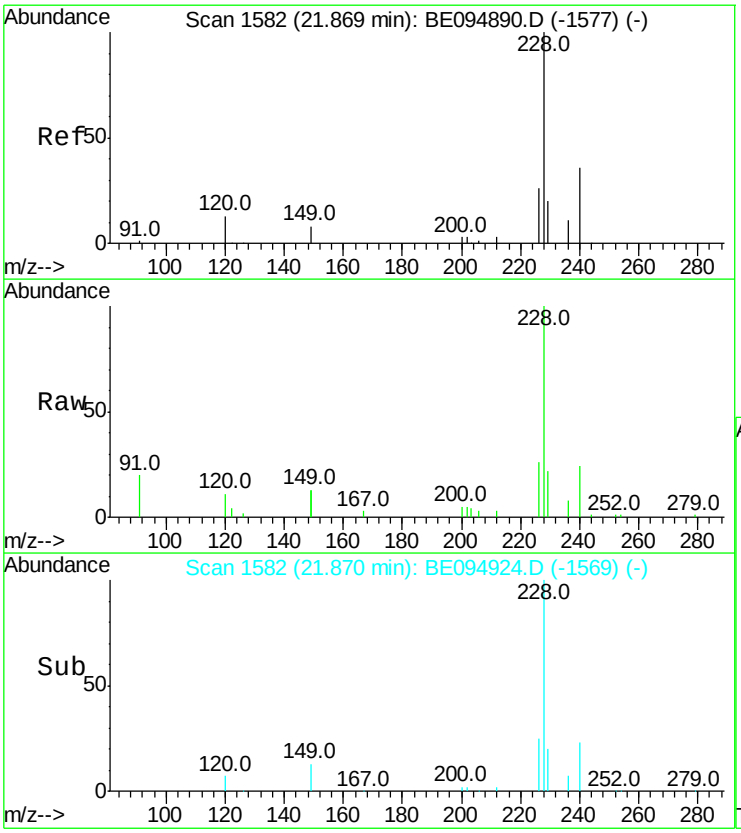
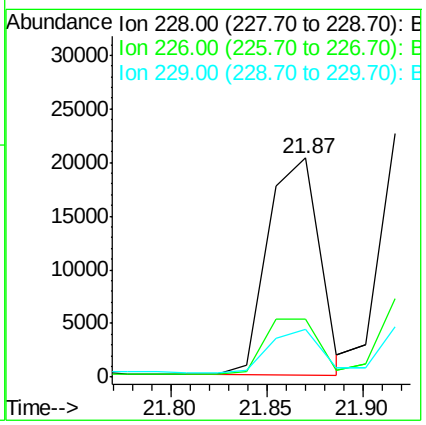


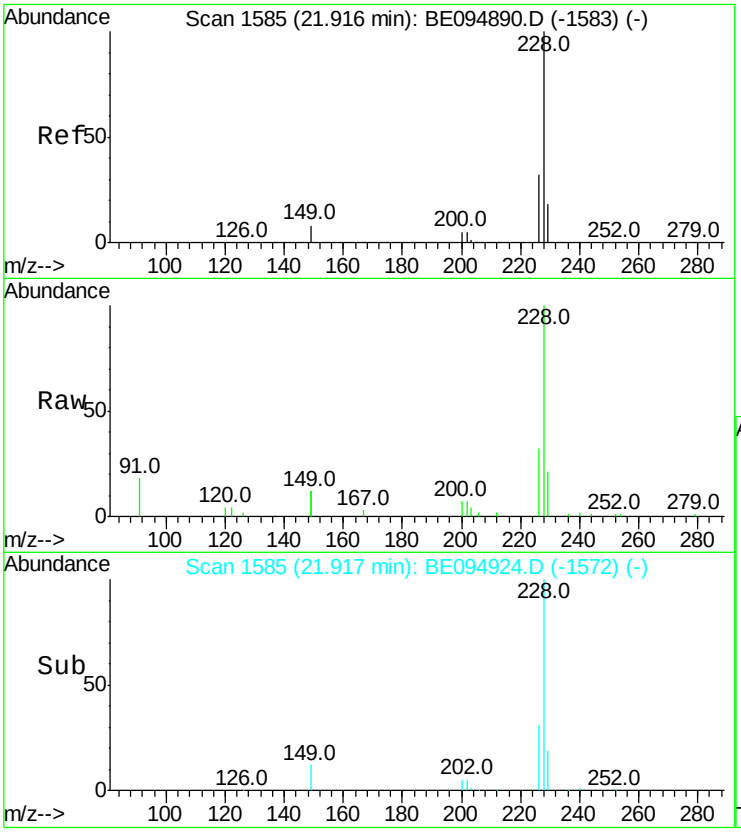




#30
Benzo(a)anthracene
Concen: 0.765 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:228 Resp: 37723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.4 | 40.0 | 60.0# |
| 229 | 22.0 | 40.0 | 60.0# |






#31
Chrysene
Concen: 0.644 ng m
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:228 Resp: 35109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.2 | 40.0 | 60.0# |
| 229 | 20.7 | 40.0 | 60.0# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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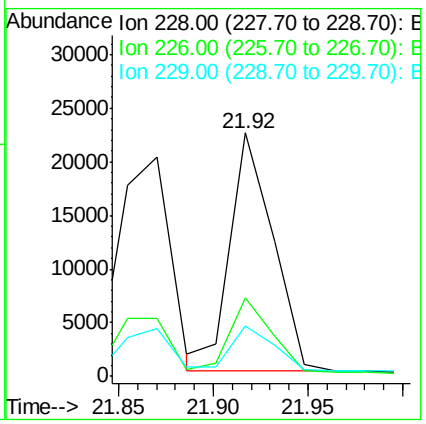
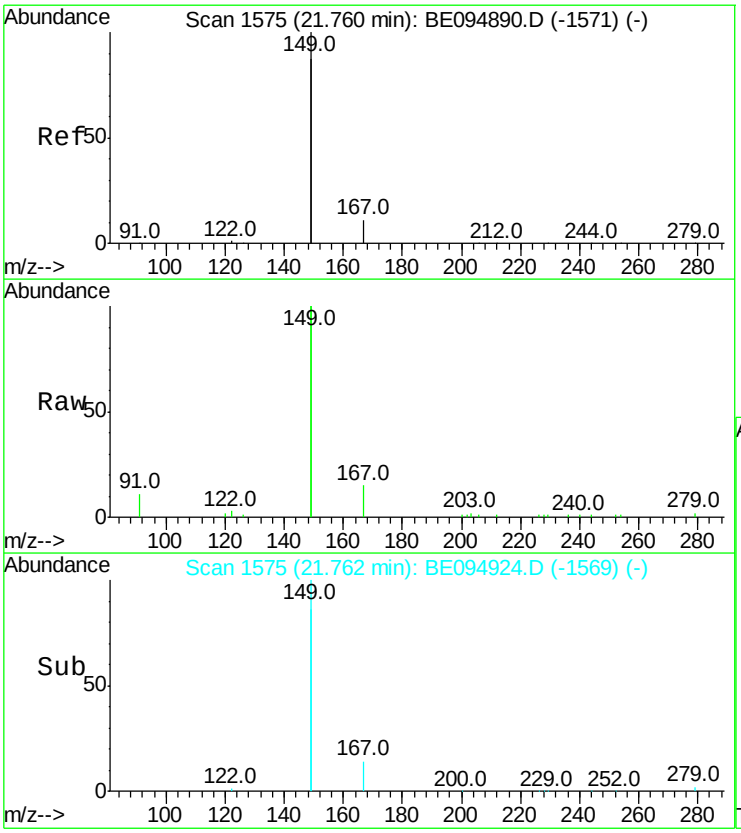
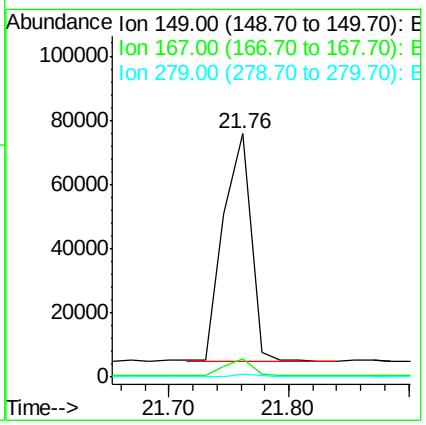


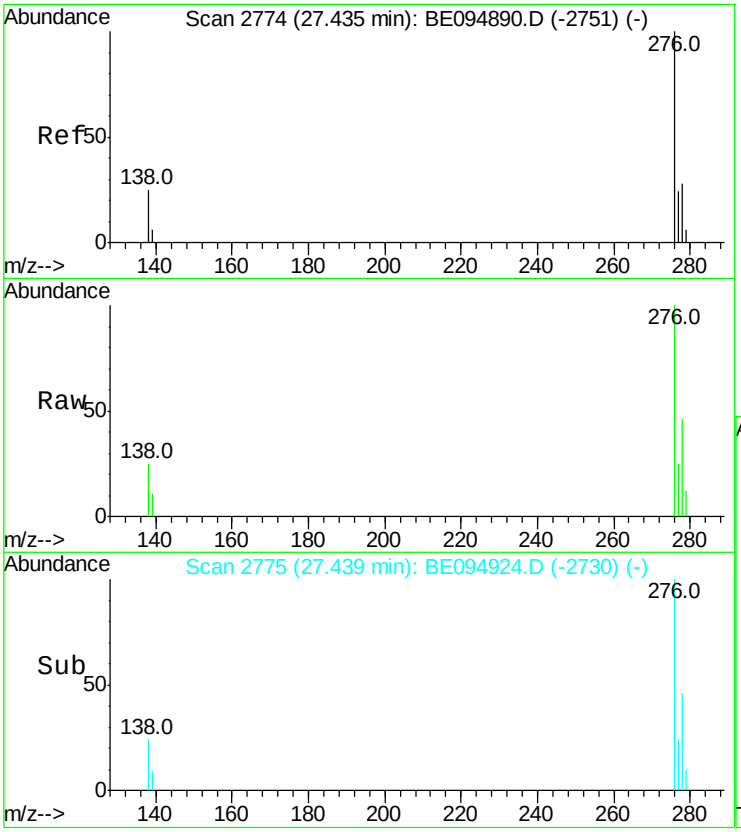




#32
Bis(2-ethylhexyl)phthalate
Concen: 1.375 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:149 Resp: 112313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.1 | 5.4 | 8.0 |
| 279 | 0.9 | 0.7 | 1.1 |

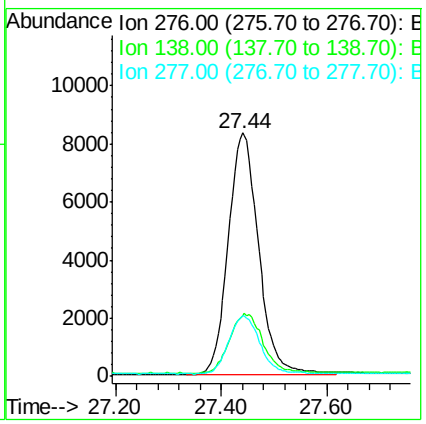





#33
Indeno(1,2,3-cd)pyrene
Concen: 0.747 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:276 Resp: 33284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 22.5 | 33.7 |
| 277 | 24.7 | 19.9 | 29.9 |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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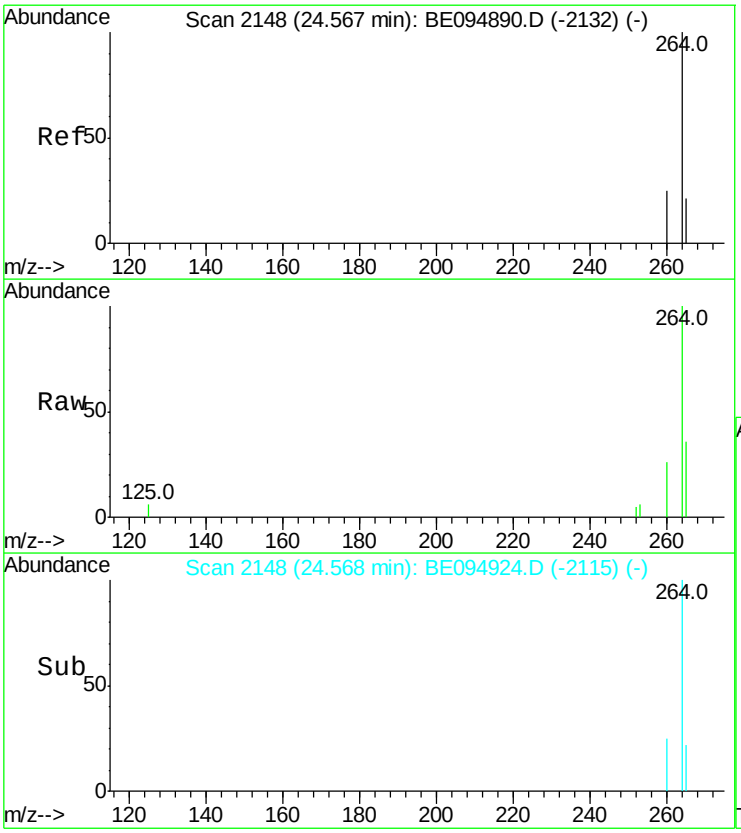
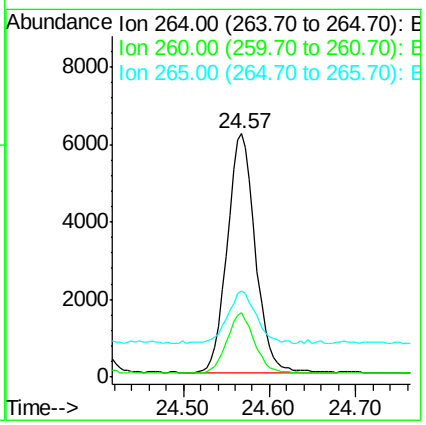
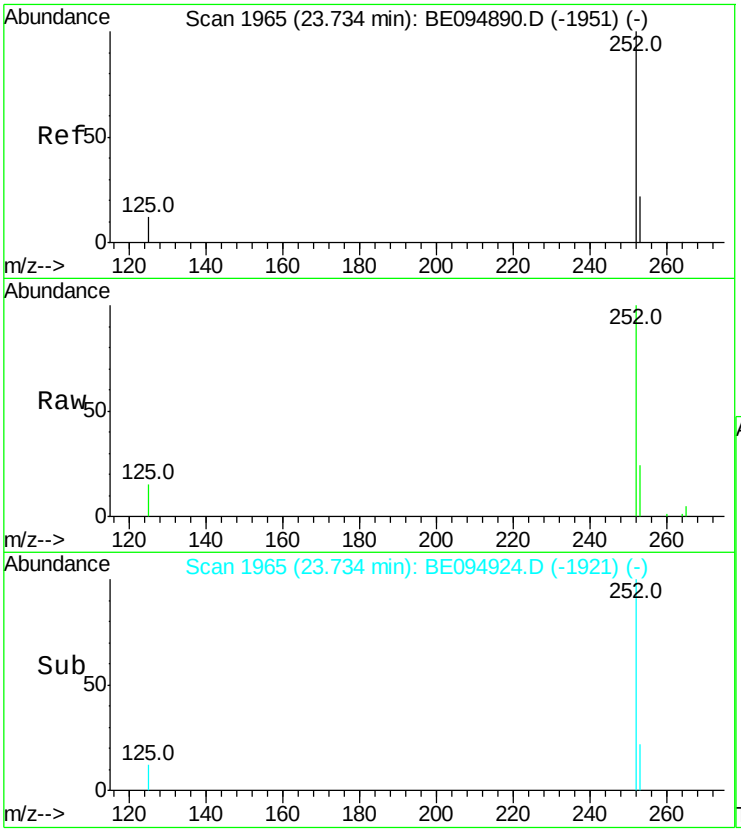



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:264 Resp: 14011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.4 | 20.5 | 30.7 |
| 265 | 35.6 | 22.8 | 34.2# |






#35
Benzo(b)fluoranthene
Concen: 0.654 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:252 Resp: 33444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 48.0 | 72.0# |
| 125 | 14.7 | 56.0 | 84.0# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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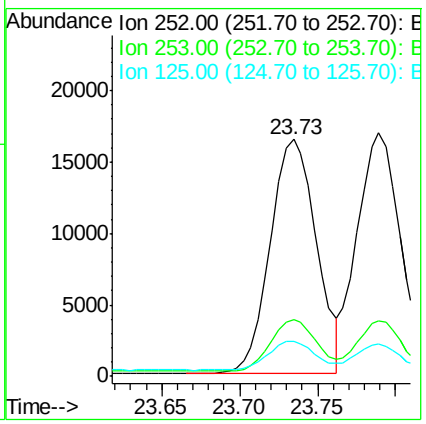
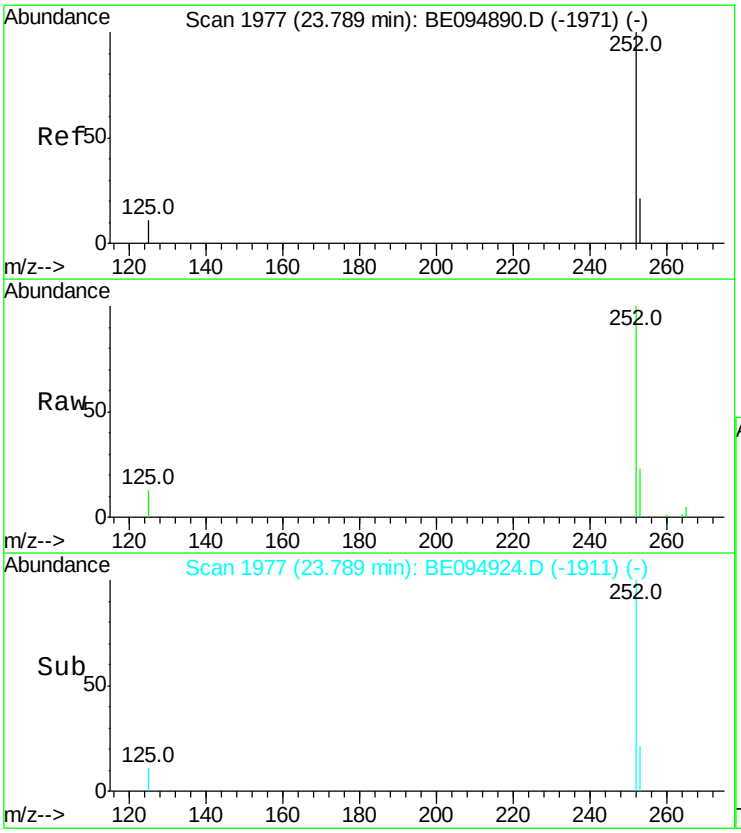
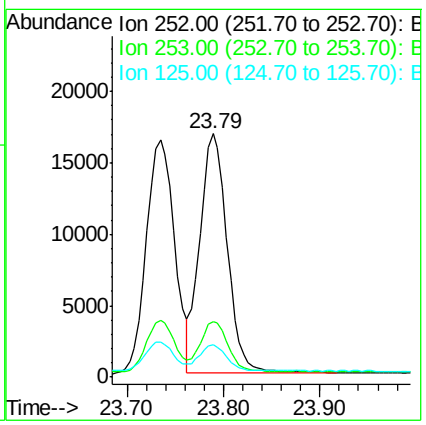


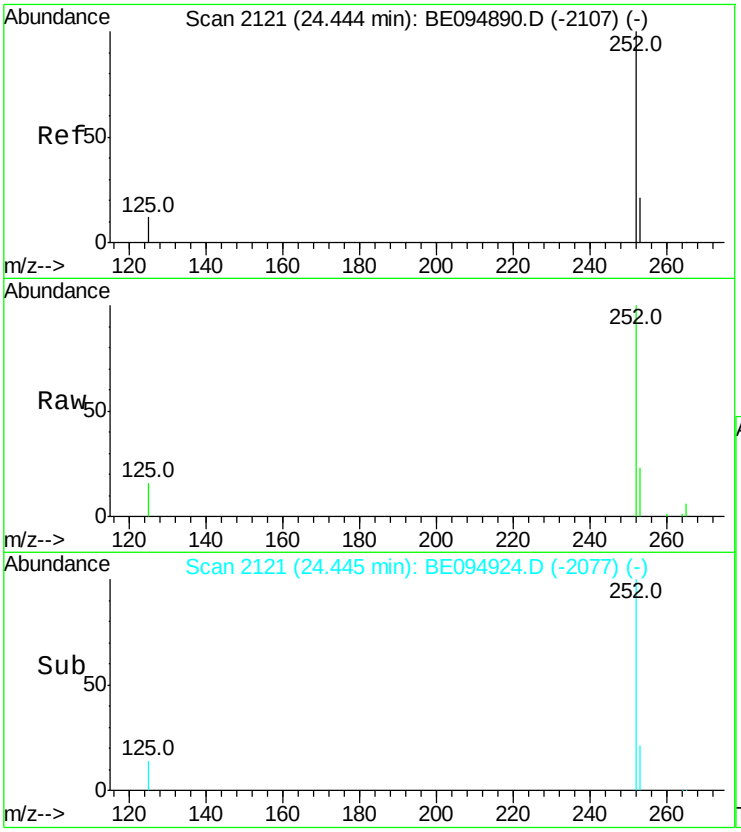




#36
Benzo(k)fluoranthene
Concen: 0.639 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:252 Resp: 33320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 48.0 | 72.0# |
| 125 | 13.1 | 56.0 | 84.0# |






#37
Benzo(a)pyrene
Concen: 0.702 ng
RT: 24.44 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:252 Resp: 31500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 52.0 | 78.0# |
| 125 | 16.3 | 68.0 | 102.0# |

**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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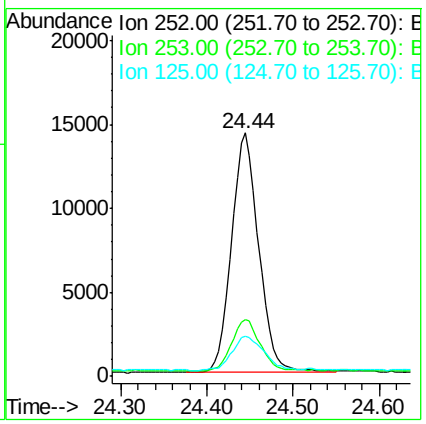
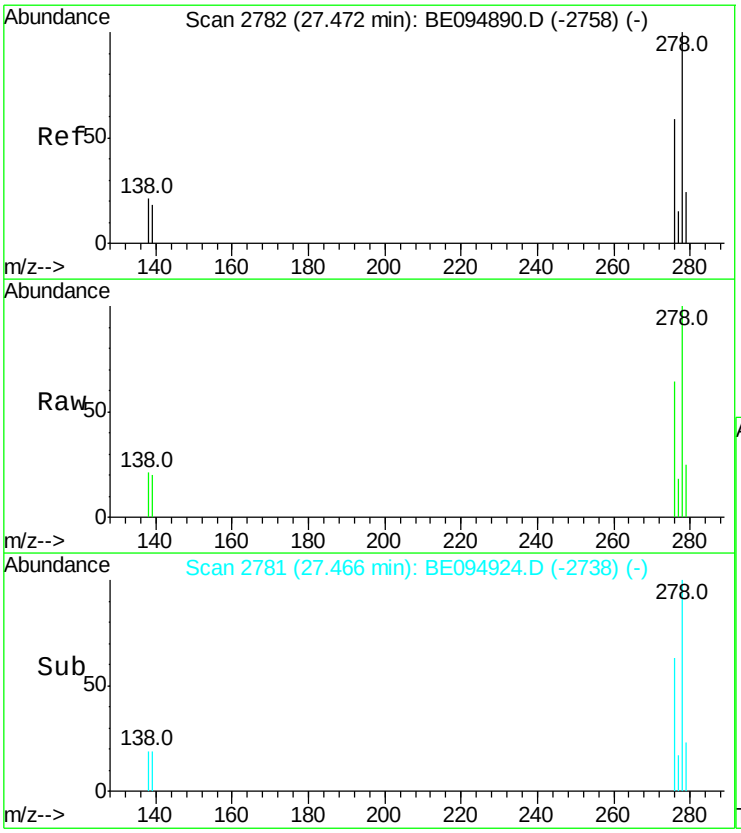
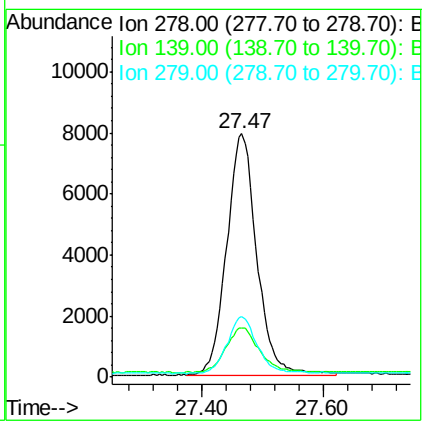


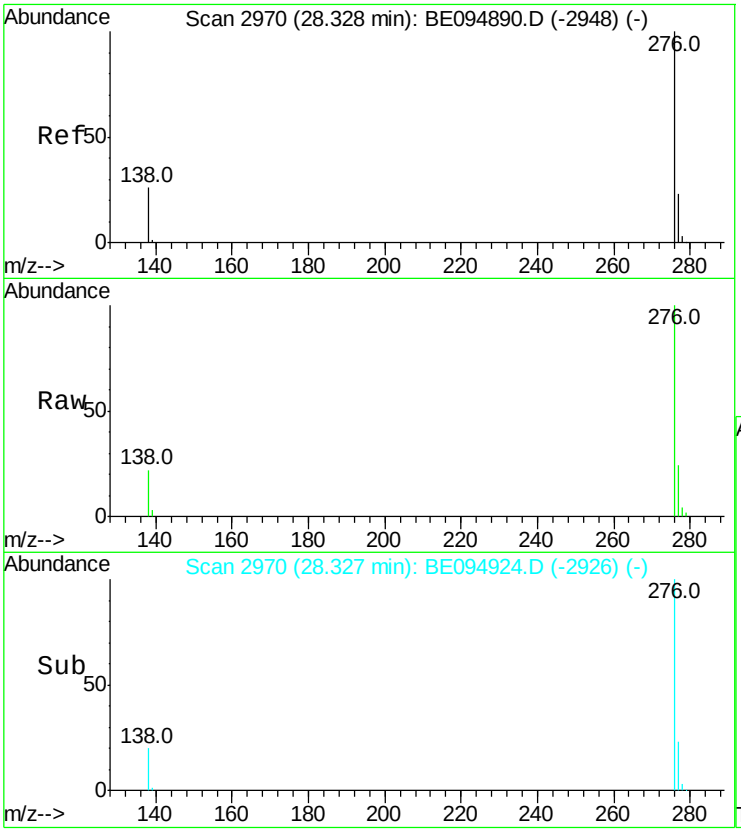




#38
Dibenzo(a,h)anthracene
Concen: 0.658 ng
RT: 27.47 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:278 Resp: 27275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.3 | 56.0 | 84.0# |
| 279 | 24.8 | 52.0 | 78.0# |

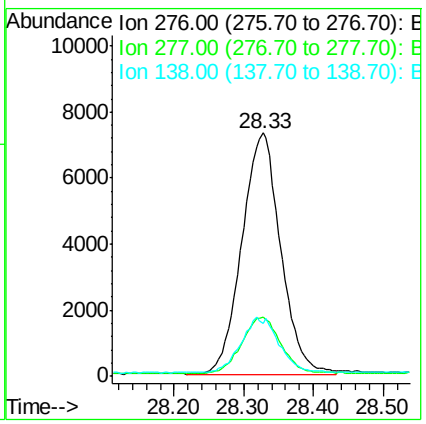





#39
Benzo(g,h,i)perylene
Concen: 0.679 ng
RT: 28.33 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:276 Resp: 28104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 52.0 | 78.0# |
| 138 | 21.7 | 44.0 | 66.0# |




**Instrument :**
BNA_E
**ClientSampleId :**
FT-MW08I-20171129MSD

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