Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
Data File : BE098514.D
Acq On : 18 Dec 2018 15:57
Operator : SJ/JU
Sample : J6358-11MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

**Manual Integrations APPROVED**
Sohil
12/19/2018 3:09:17 PM

Quant Time: Dec 19 03:17:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.87 | 152 | 788 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 4108 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 2733 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 6645 | 0.40 | ng | -0.01 |
| 27) Chrysene-d12 | 21.45 | 240 | 7118 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 24.00 | 264 | 6497 | 0.40 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.45 | 112 | 431 | 0.23 | ng | 0.00 |
| 5) Phenol-d6 | 7.04 | 99 | 430 | 0.16 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.04 | 82 | 1186 | 0.32 | ng | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 2745 | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.02 | 330 | 486 | 0.48 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 5233 | 0.45 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.30 | 212 | 34193 | 0.40 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.89 | 244 | 9473 | 0.55 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 956 | 0.702 | ng | # 89 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 34 | 0.014 | ng | # 1 |
| 9) Naphthalene | 10.72 | 128 | 460 | 0.011 | ng | # 66 |
| 10) Hexachlorobutadiene | 11.00 | 225 | 5 | 0.002 | ng | # 12 |
| 12) 2-Methylnaphthalene | 12.34 | 142 | 29 | 0.004 | ng | # 61 |
| 16) Acenaphthylene | 14.24 | 152 | 24 | 0.002 | ng | # 1 |
| 17) Acenaphthene | 14.59 | 154 | 12 | 0.002 | ng | # 77 |
| 18) Fluorene | 15.57 | 166 | 24 | 0.002 | ng | # 1 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 7 | 0.002 | ng | # 73 |
| 21) Hexachlorobenzene | 16.58 | 284 | 13 | 0.003 | ng | # 1 |
| 23) Phenanthrene | 17.32 | 178 | 240 | 0.015 | ng | # 81 |
| 24) Anthracene | 17.41 | 178 | 34 | 0.002 | ng | # 1 |
| 26) Fluoranthene | 19.33 | 202 | 158 | 0.007 | ng | # 80 |
| 28) Pyrene | 19.69 | 202 | 151 | 0.007 | ng | # 84 |
| 31) Chrysene | 21.49 | 228 | 507m | 0.024 | ng | |
| 32) Bis(2-ethylhexyl)phthalate | 21.35 | 149 | 11521 | 0.280 | ng | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.68 | 276 | 45 | 0.002 | ng | # 55 |
| 37) Benzo(a)pyrene | 23.91 | 252 | 304 | 0.017 | ng | # 1 |
| 38) Dibenzo(a,h)anthracene | 26.72 | 278 | 19 | 0.001 | ng | # 1 |
| 39) Benzo(g,h,i)perylene | 27.50 | 276 | 63 | 0.004 | ng | # 1 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
Data File : BE098514.D
Acq On : 18 Dec 2018 15:57
Operator : SJ/JU
Sample : J6358-11MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 03:17:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

**Manual Integrations APPROVED**
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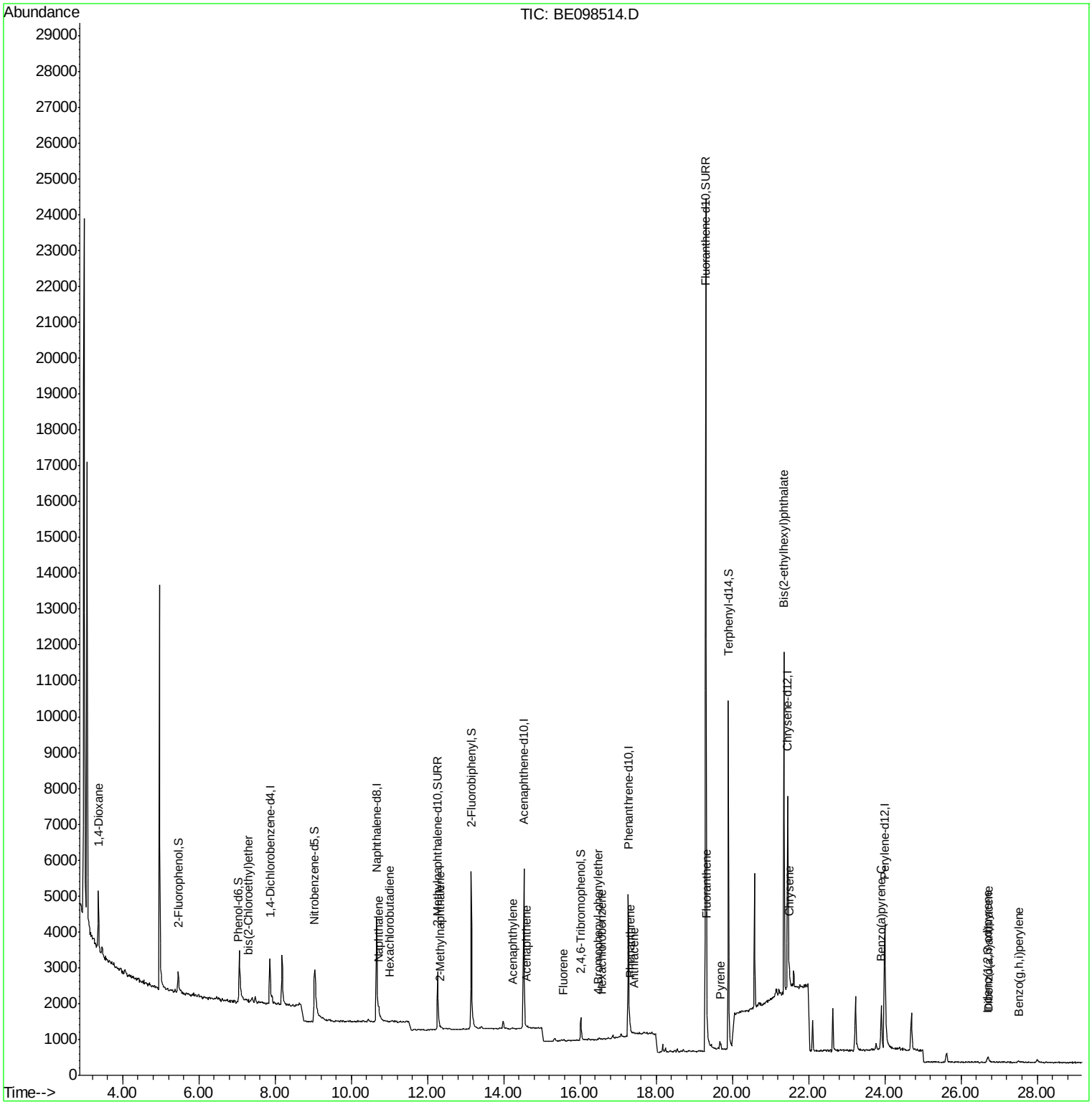
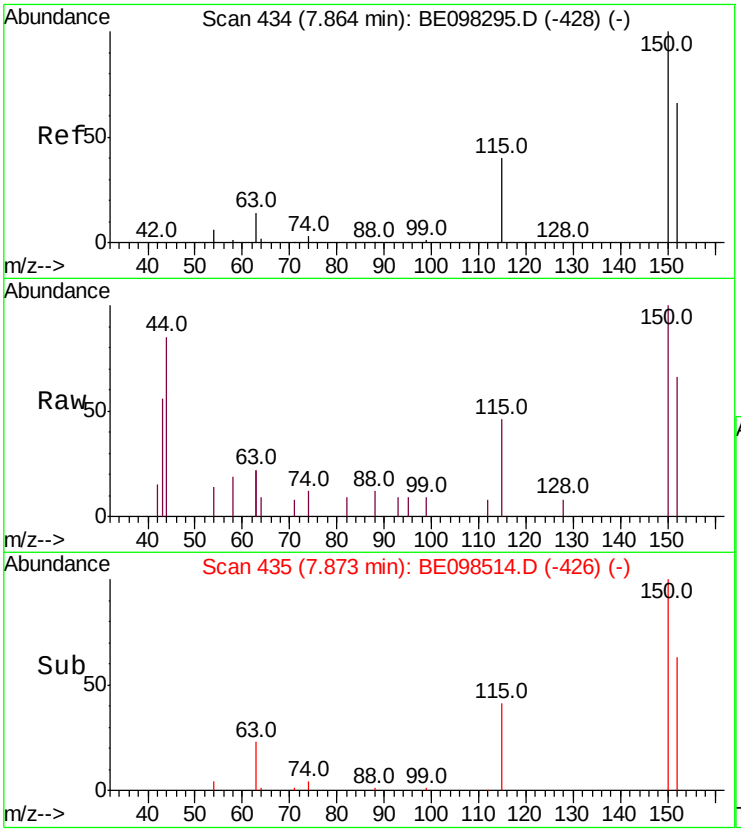
12/19/2018 3:09:17 PM

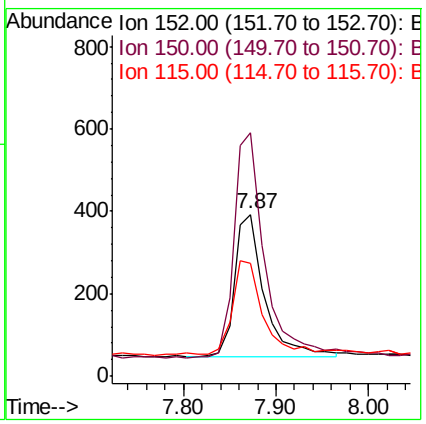





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

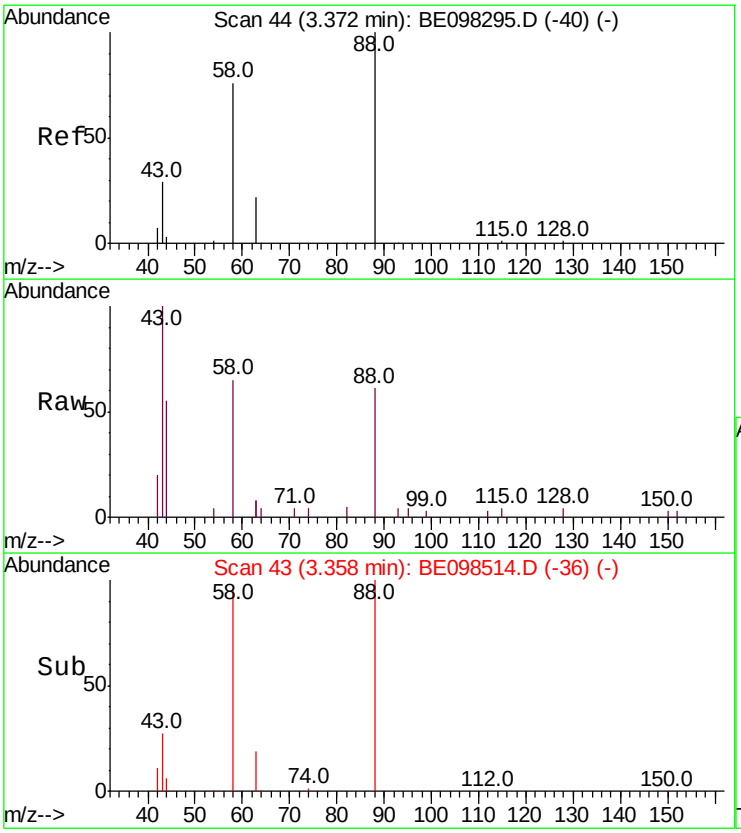
Tgt Ion:152 Resp: 788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.4 | 124.2 | 186.4 |
| 115 | 69.5 | 53.9 | 80.9 |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

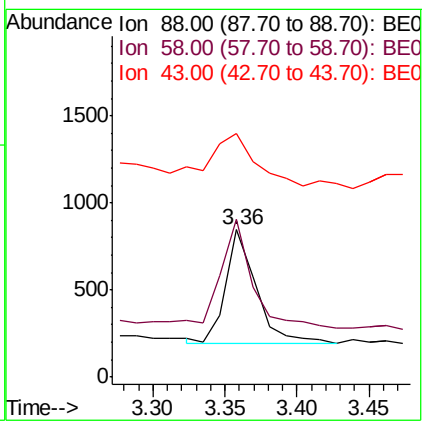
**Manual Integrations APPROVED**
Sohil
12/19/2018 3:09:17 PM

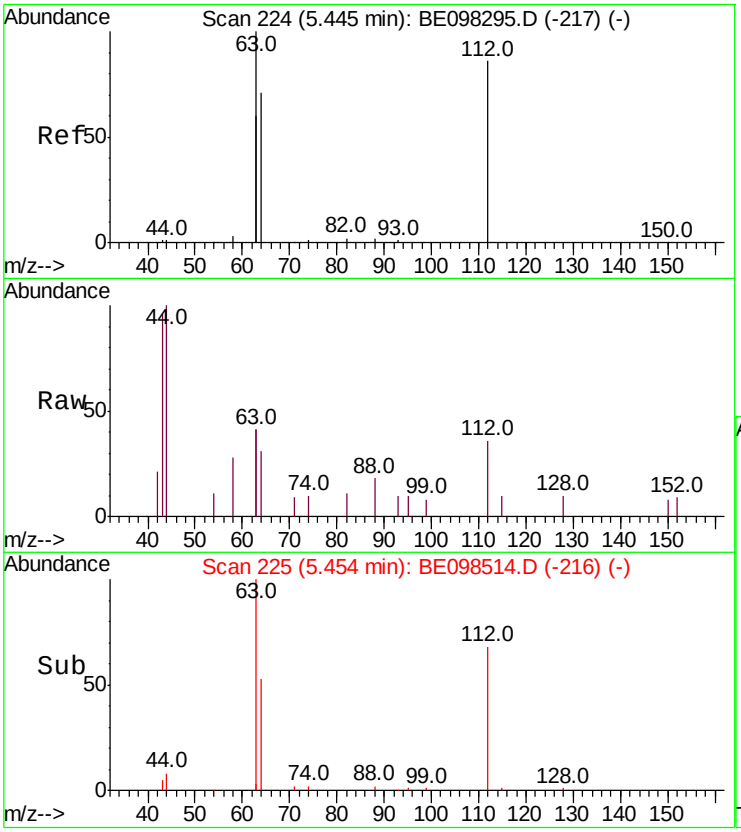



#2
1,4-Dioxane
Concen: 0.702 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion: 88 Resp: 956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 99.0 | 75.0 | 112.6 |
| 43 | 61.9 | 38.3 | 57.5# |

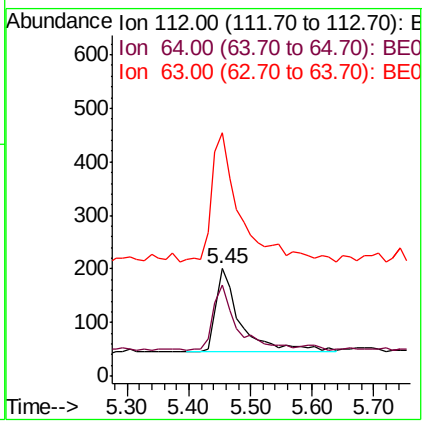





#4
2-Fluorophenol
Concen: 0.234 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:112 Resp: 431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.3 | 59.8 | 89.8 |
| 63 | 181.2 | 133.7 | 200.5 |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

**Manual Integrations APPROVED**
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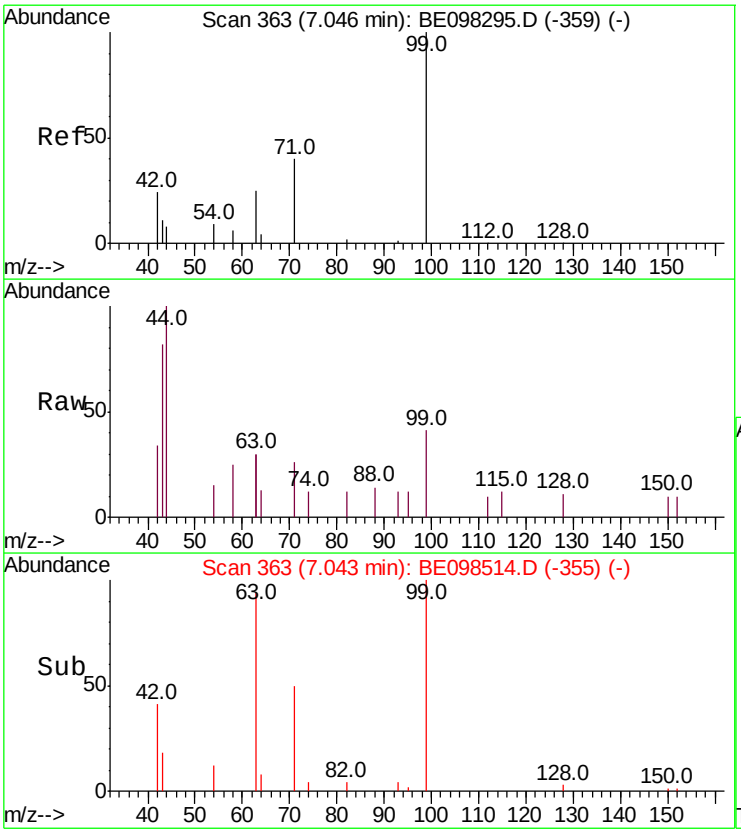
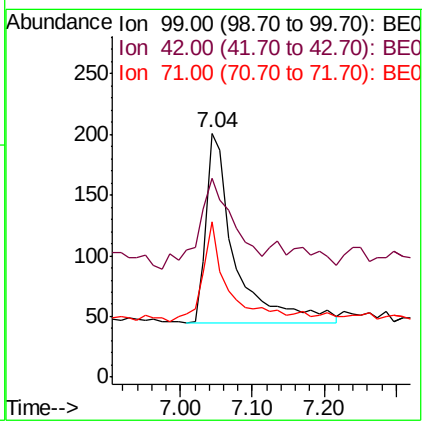
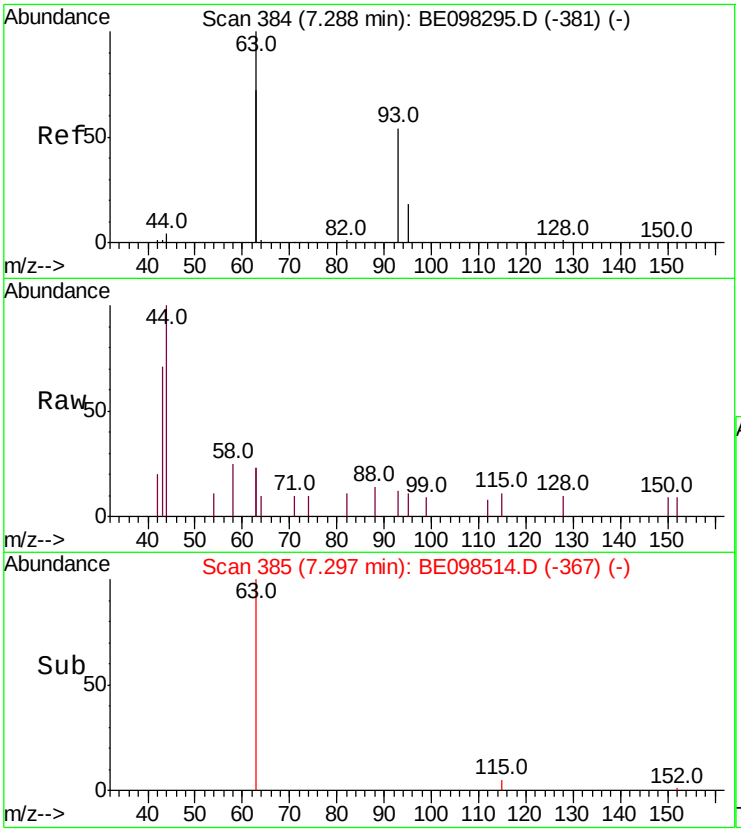



#5
Phenol-d6
Concen: 0.165 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion: 99 Resp: 430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 59.5 | 26.3 | 39.5# |
| 71 | 46.0 | 33.6 | 50.4 |

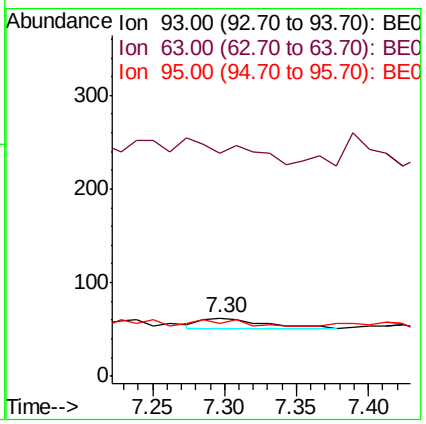





#6
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion: 93 Resp: 34

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 264.4 | 396.6# |
| 95 | 55.9 | 26.6 | 40.0# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

**Manual Integrations APPROVED**
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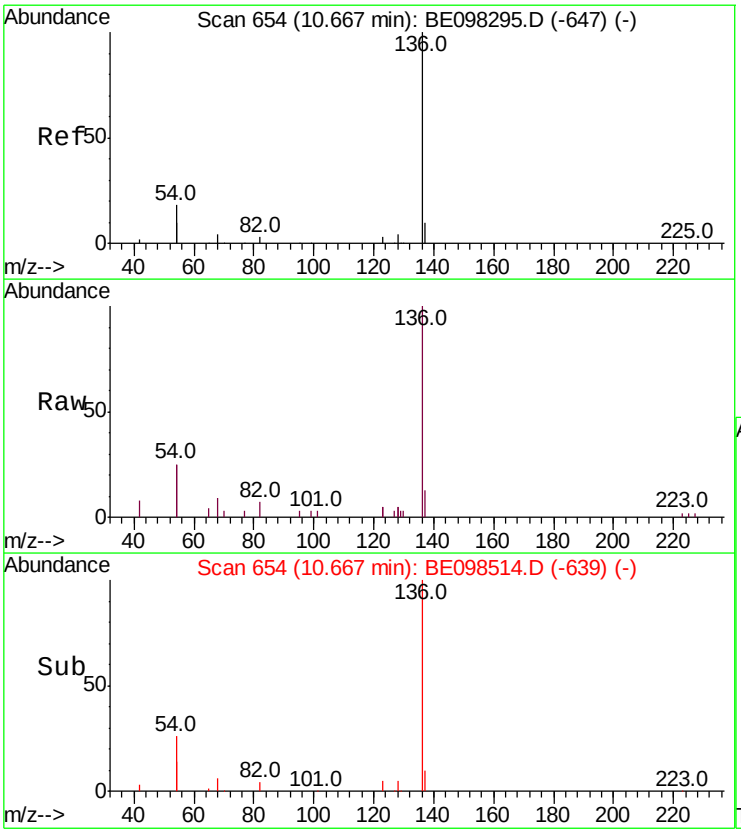
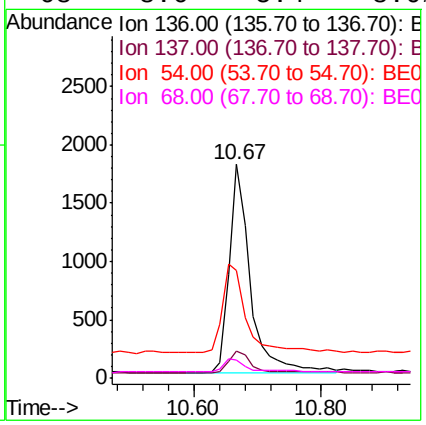
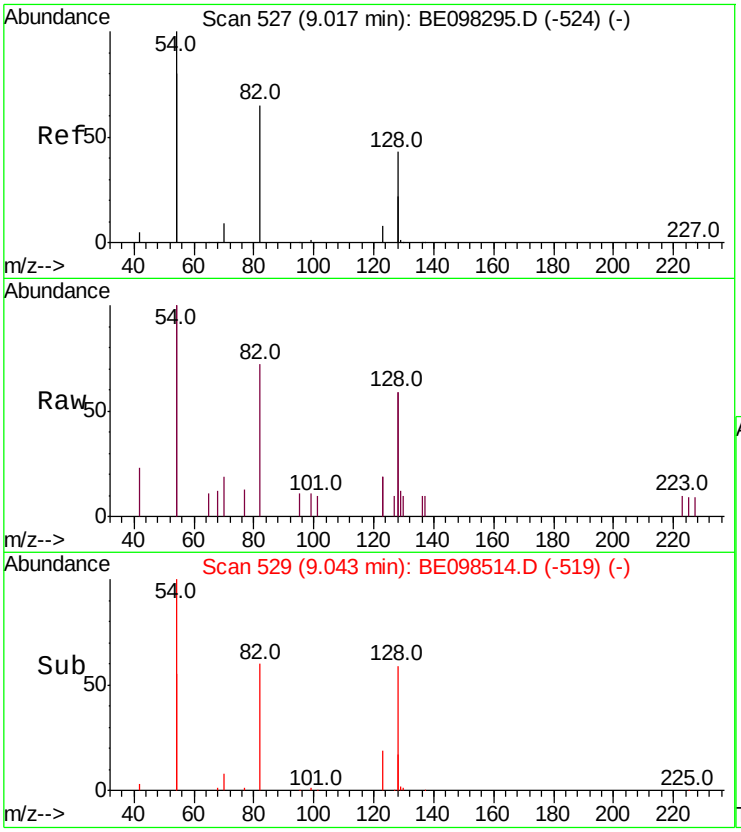



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:136 Resp: 4108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 9.2 | 13.8 |
| 54 | 50.5 | 28.4 | 42.6# |
| 68 | 8.6 | 5.4 | 8.0# |

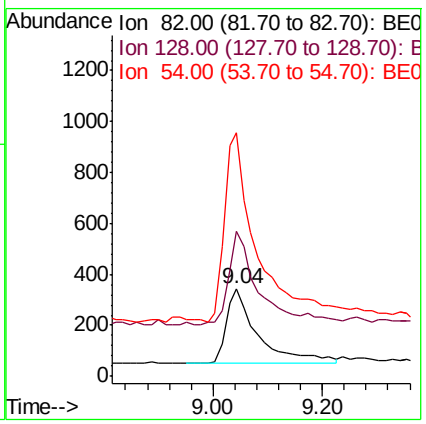





#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion: 82 Resp: 1186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 165.6 | 102.4 | 153.6# |
| 54 | 278.7 | 221.8 | 332.8 |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

**Manual Integrations APPROVED**
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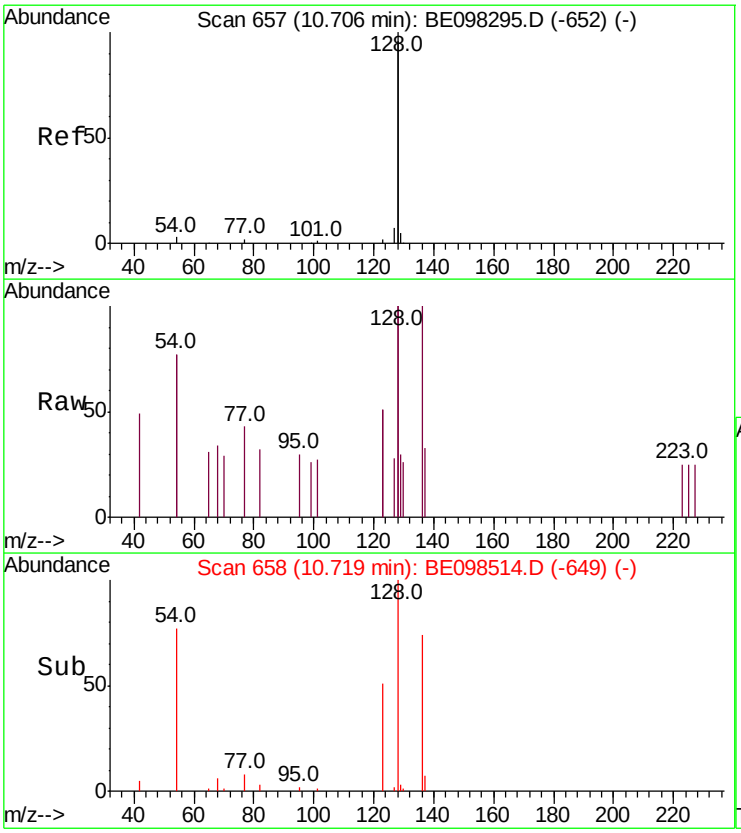
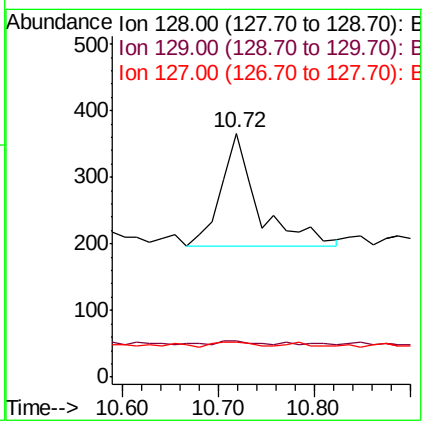
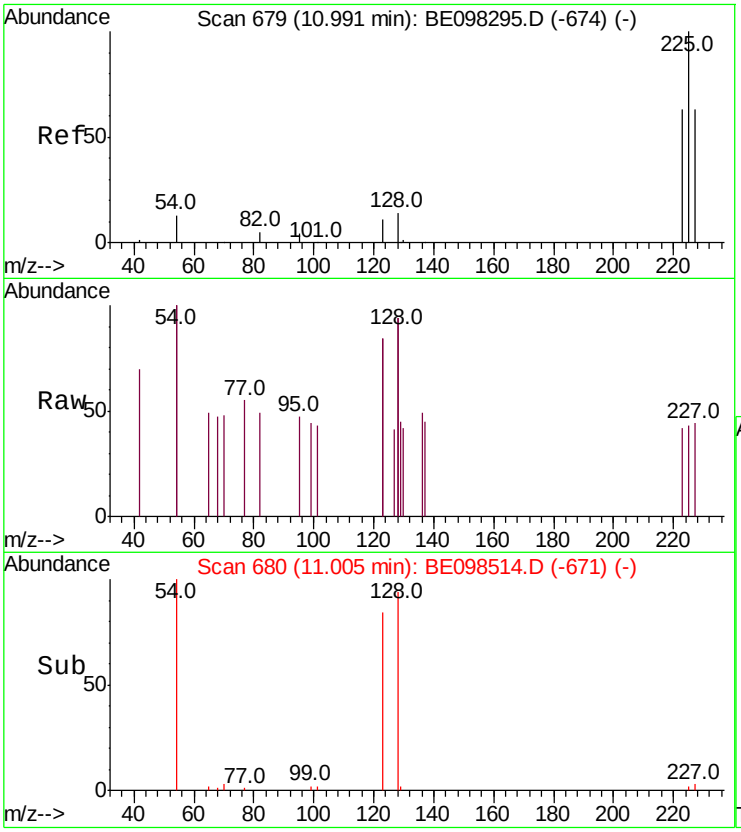



#9
Naphthalene
Concen: 0.011 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:128 Resp: 460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.8 | 2.5 | 3.7# |
| 127 | 14.2 | 2.7 | 4.1# |

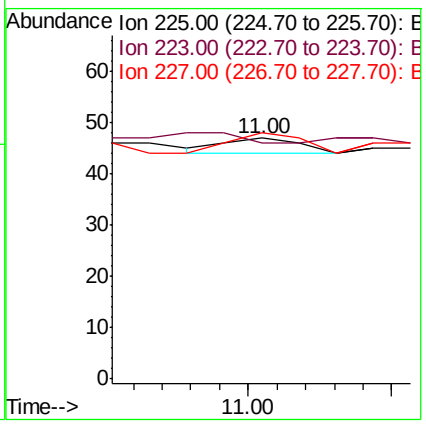





#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:225 Resp: 5

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 49.4 | 74.0# |
| 227 | 140.0 | 52.0 | 78.0# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

**Manual Integrations APPROVED**
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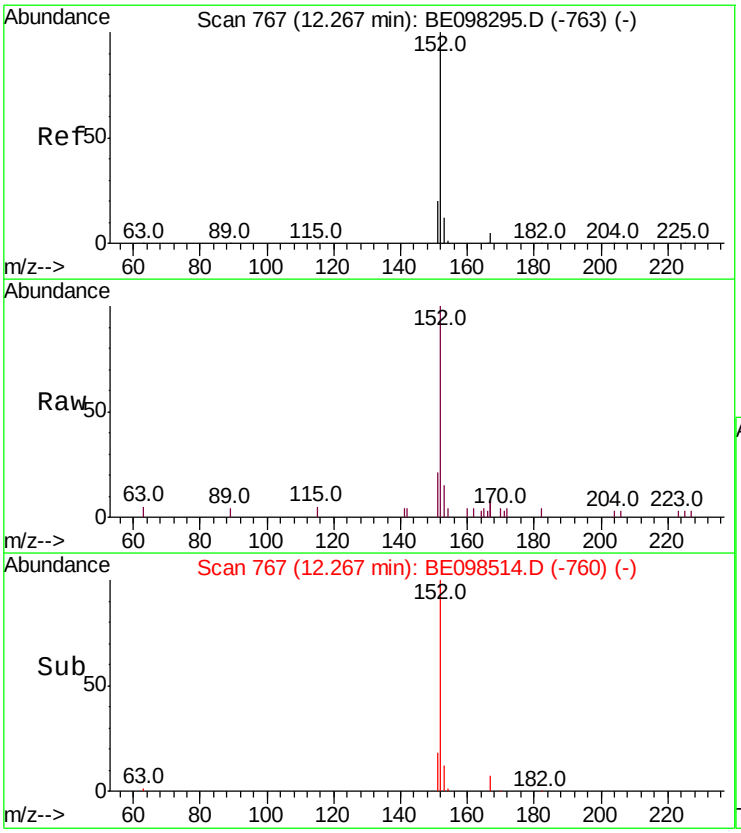
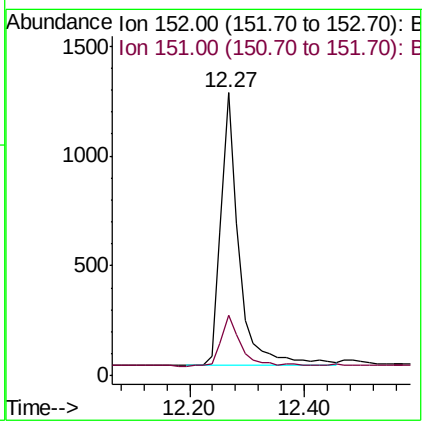
12/19/2018 3:09:17 PM

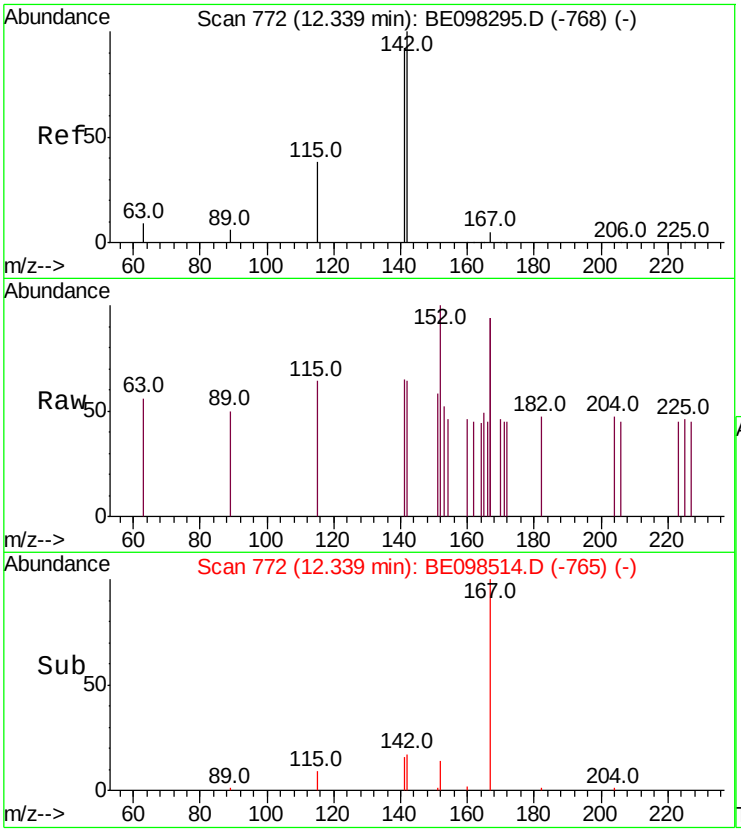



#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:152 Resp: 2745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.2 | 24.4 |

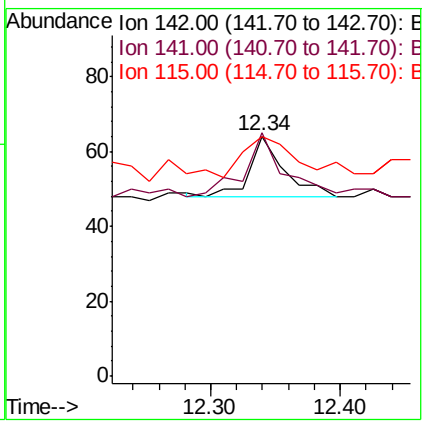





#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

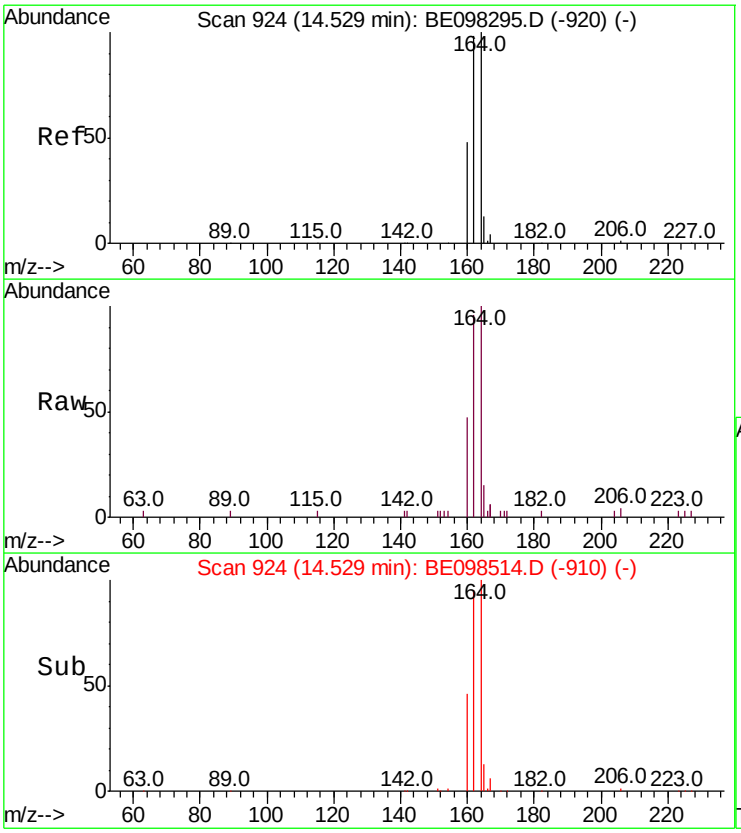
Tgt Ion:142 Resp: 29

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 101.6 | 71.0 | 106.6 |
| 115 | 100.0 | 32.2 | 48.2# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

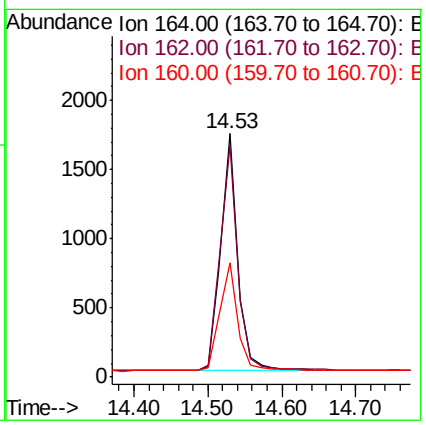
**Manual Integrations APPROVED**
Sohil
12/19/2018 3:09:17 PM

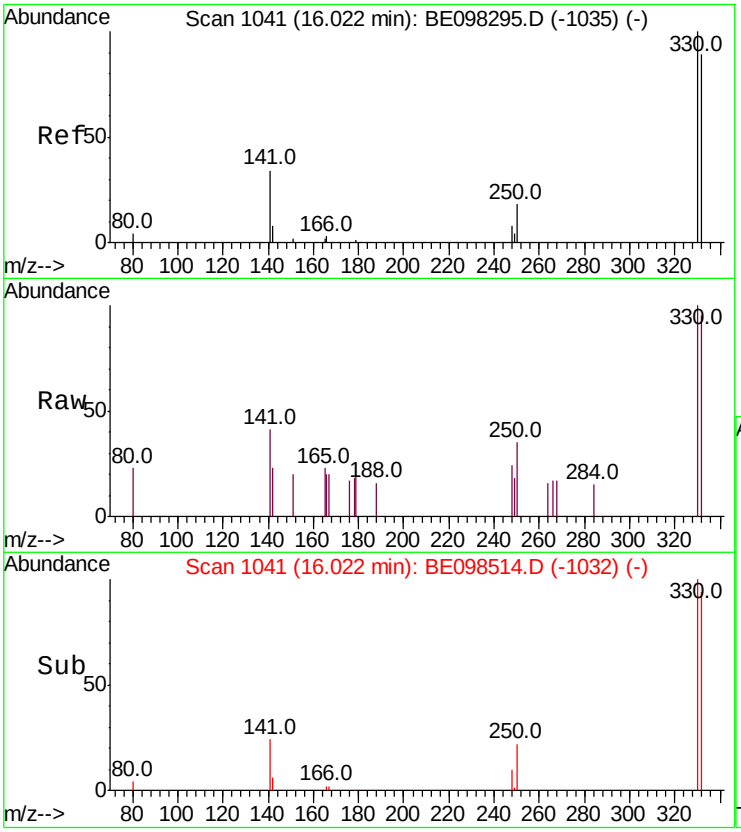



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:164 Resp: 2733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.6 | 77.6 | 116.4 |
| 160 | 47.1 | 36.0 | 54.0 |

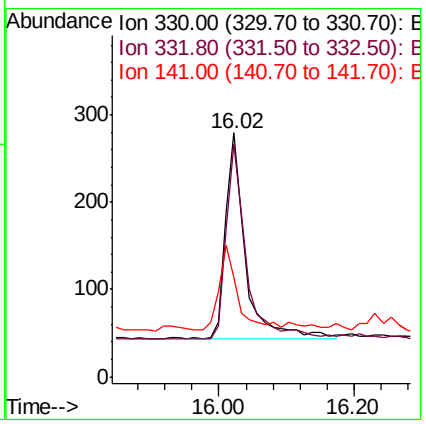





#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

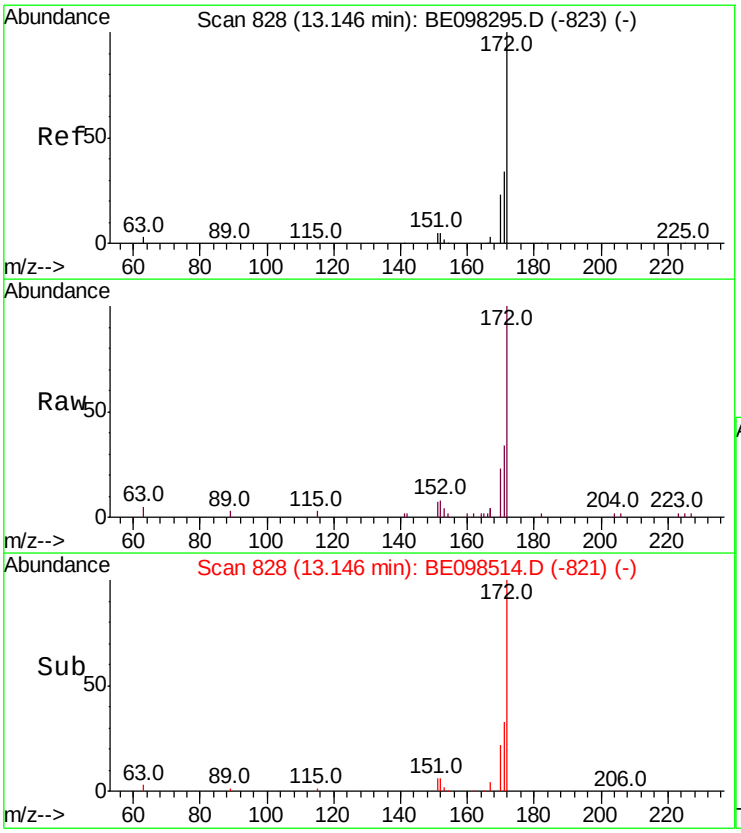
Tgt Ion:330 Resp: 486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.1 | 76.2 | 114.4 |
| 141 | 39.1 | 39.0 | 58.4 |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

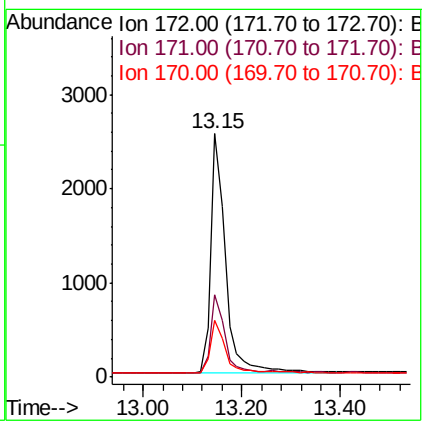
**Manual Integrations APPROVED**
Sohil
12/19/2018 3:09:17 PM

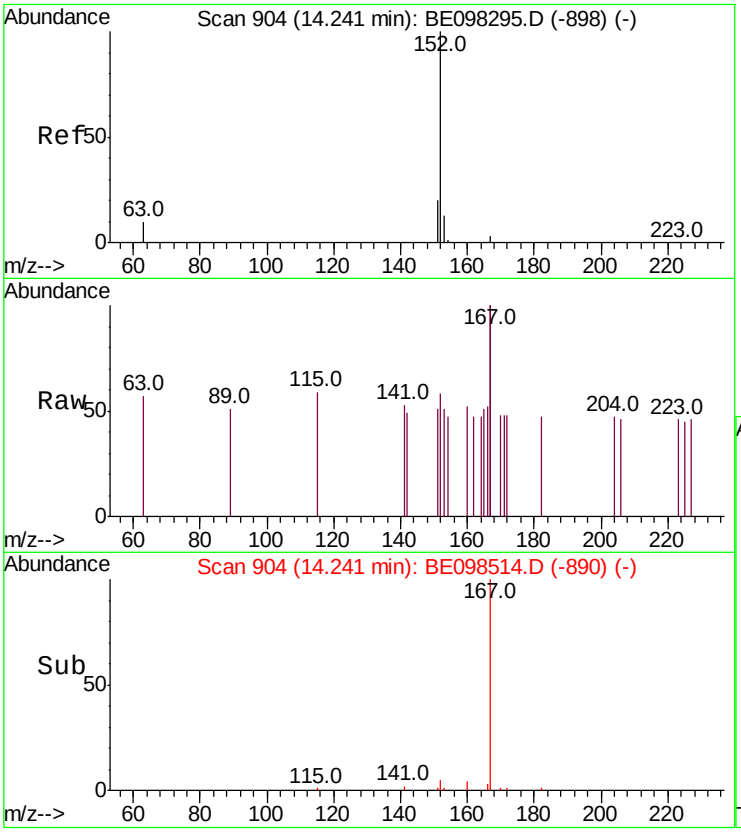



#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:172 Resp: 5233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 27.5 | 41.3 |
| 170 | 23.5 | 19.6 | 29.4 |

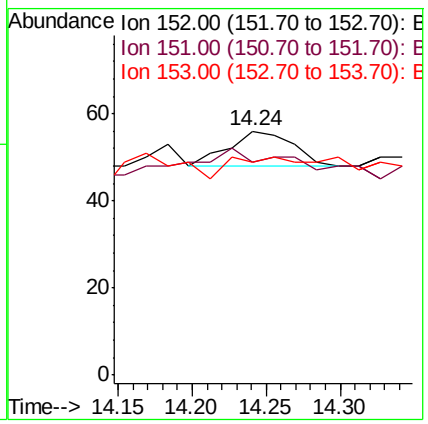





#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:152 Resp: 24

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 154.2 | 15.5 | 23.3# |
| 153 | 104.2 | 10.6 | 16.0# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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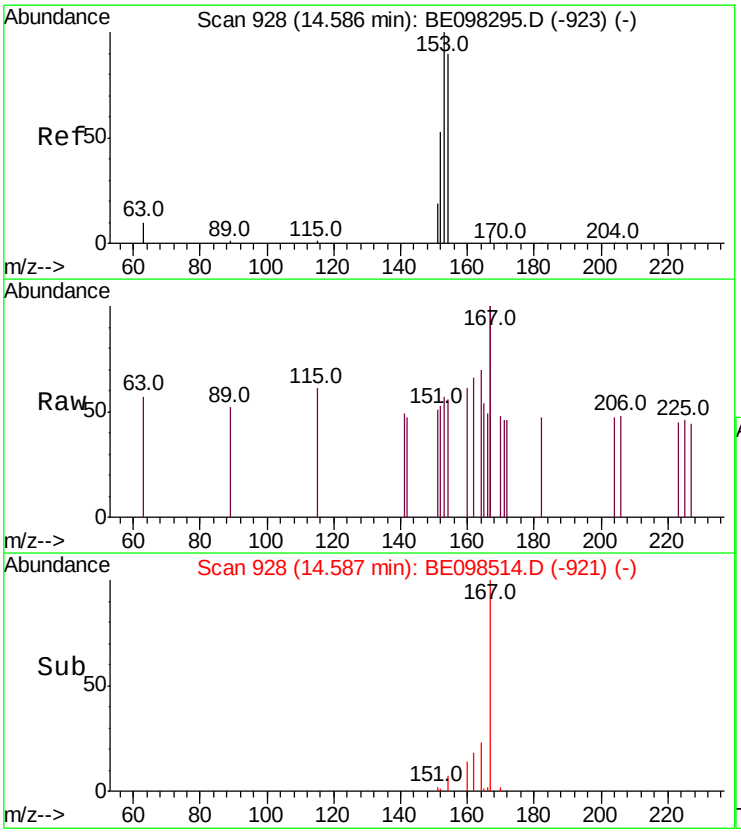
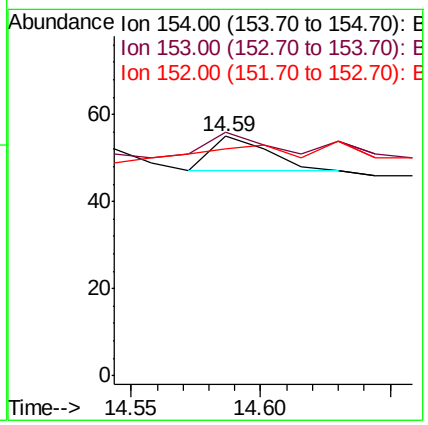
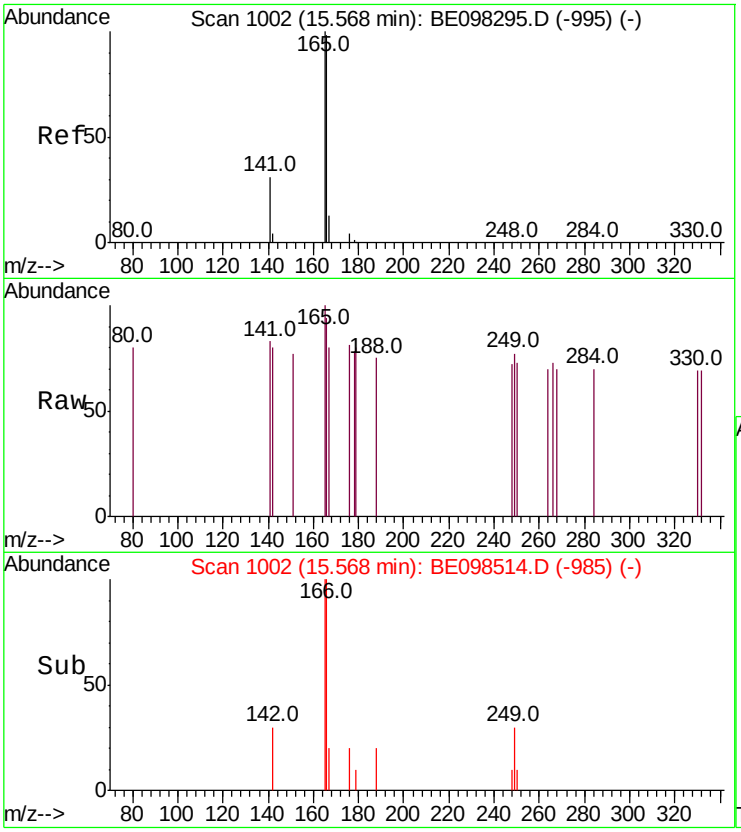



#17
Acenaphthene
Concen: 0.002 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:154 Resp: 12

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 133.3 | 91.8 | 137.6 |
| 152 | 83.3 | 45.5 | 68.3# |

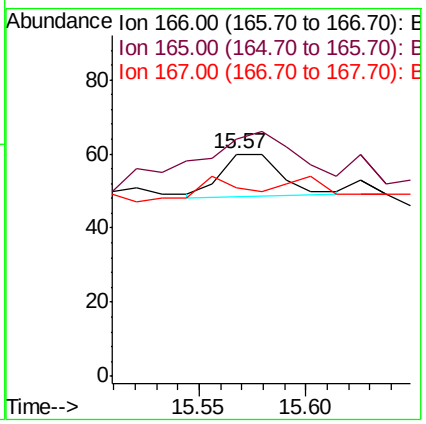





#18
Fluorene
Concen: 0.002 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:166 Resp: 24

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 237.5 | 79.3 | 118.9# |
| 167 | 0.0 | 11.3 | 16.9# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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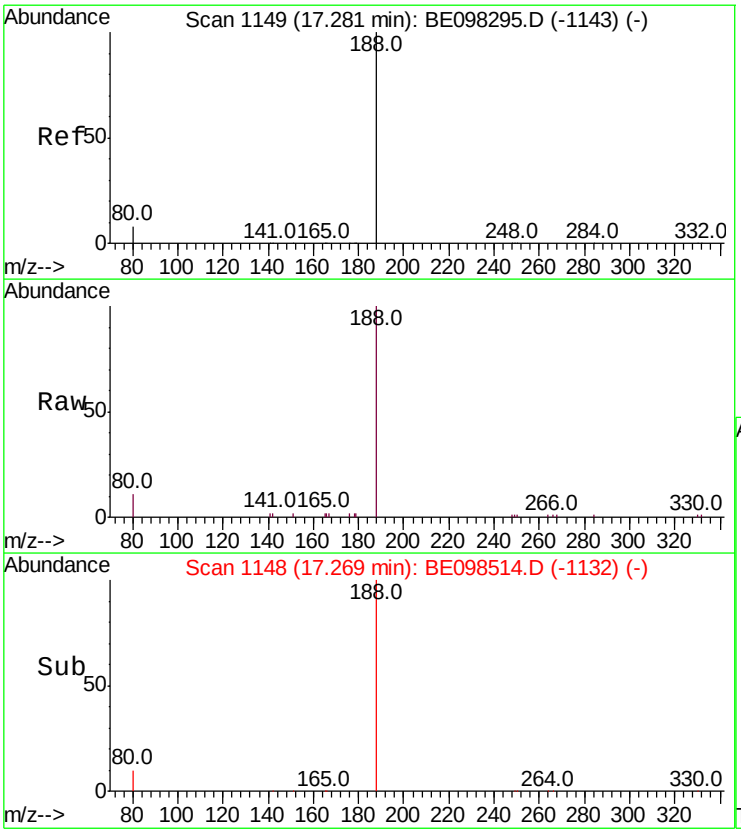
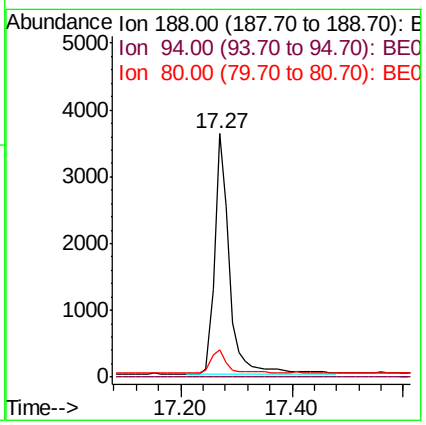
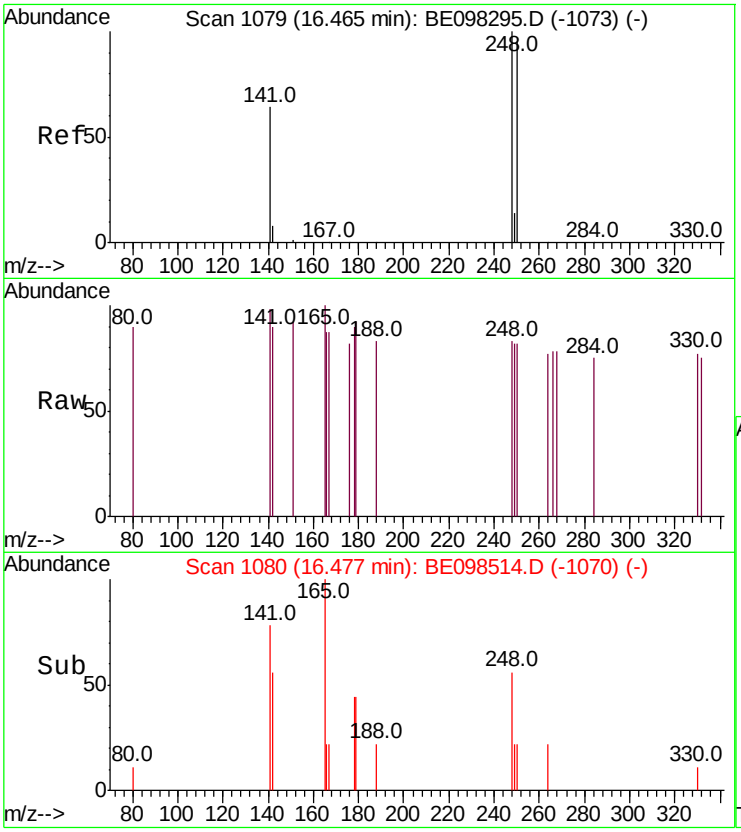



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:188 Resp: 6645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.3 | 7.2 | 10.8# |

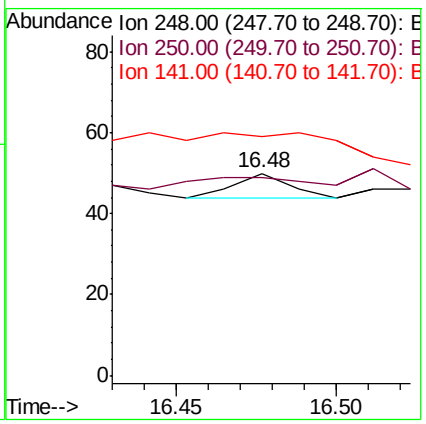





#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:248 Resp: 7

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 71.0 | 106.6 |
| 141 | 118.0 | 62.1 | 93.1# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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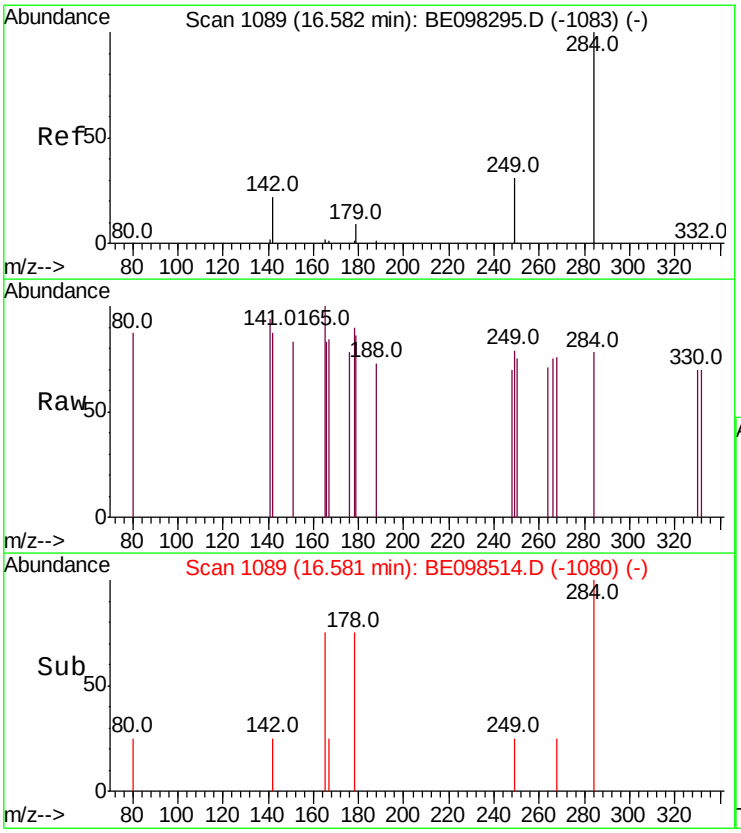
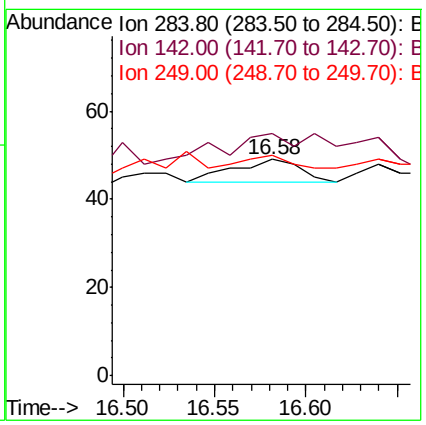
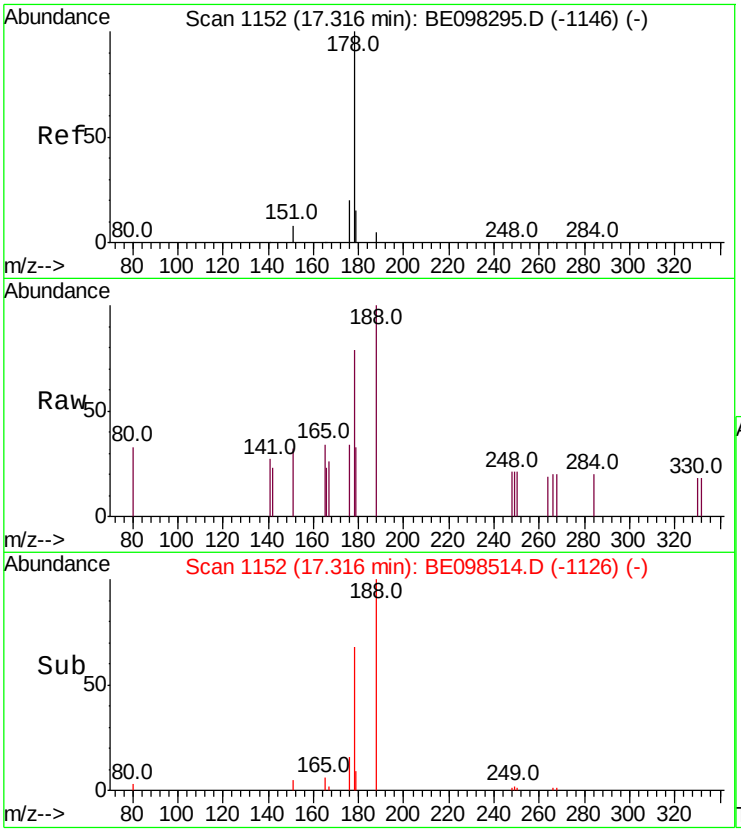



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:284 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 146.2 | 26.3 | 39.5# |
| 249 | 30.8 | 26.0 | 39.0 |

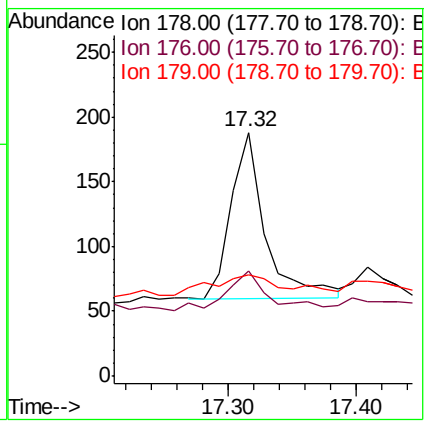





#23
Phenanthrene
Concen: 0.015 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:178 Resp: 240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 30.0 | 15.9 | 23.9# |
| 179 | 22.1 | 12.3 | 18.5# |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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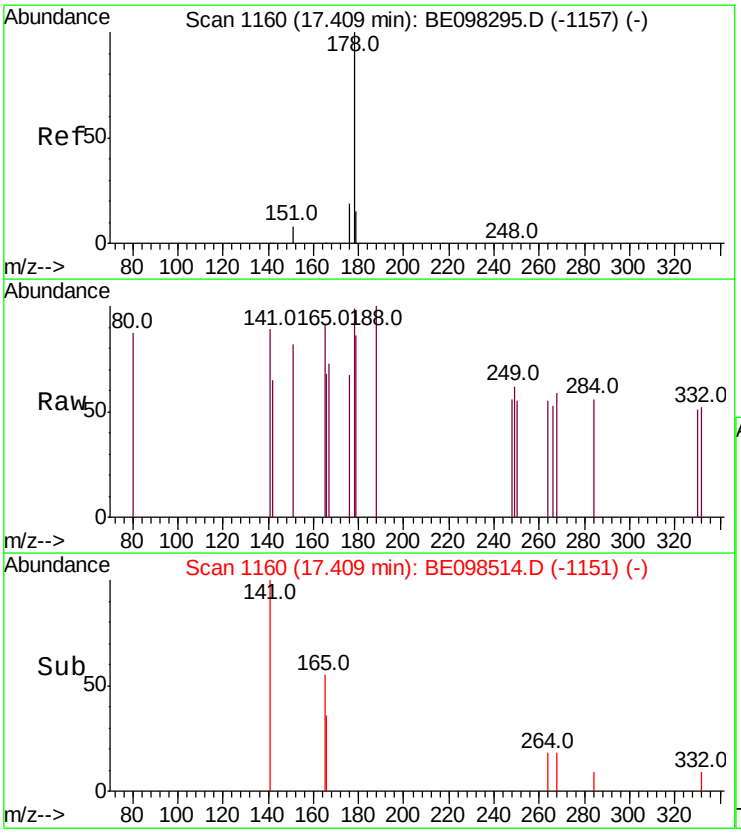
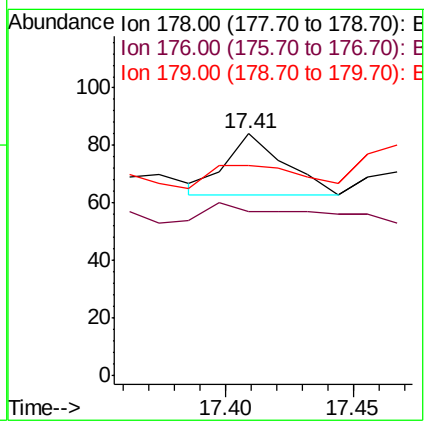
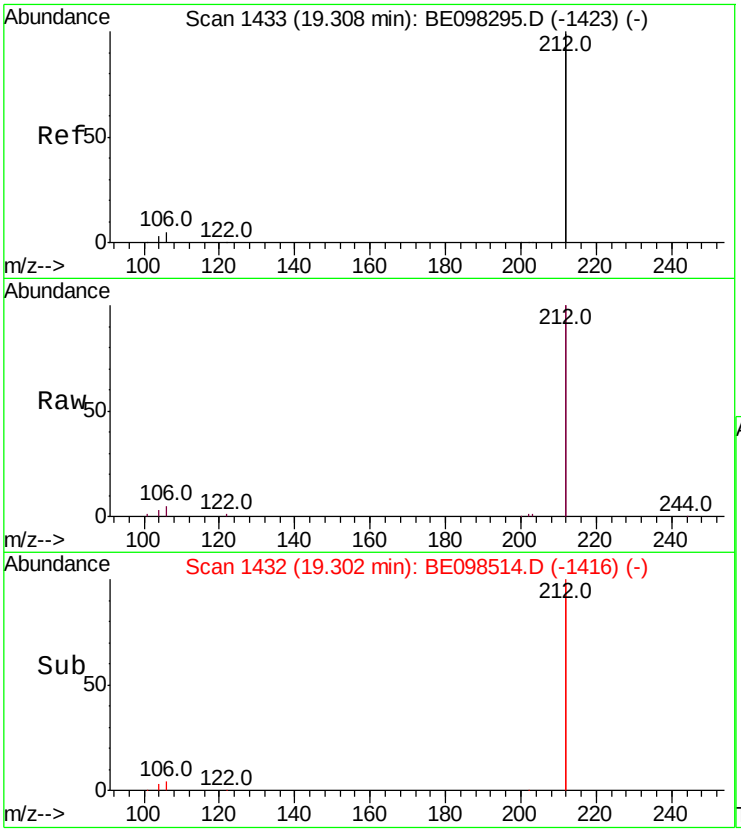



#24
Anthracene
Concen: 0.002 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:178 Resp: 34

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 85.3 | 15.0 | 22.4# |
| 179 | 58.8 | 12.3 | 18.5# |






#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:212 Resp: 34193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.5 | 2.2 | 3.2 |
| 104 | 1.4 | 1.3 | 1.9 |

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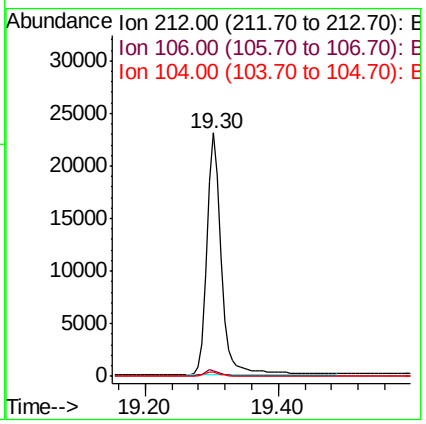
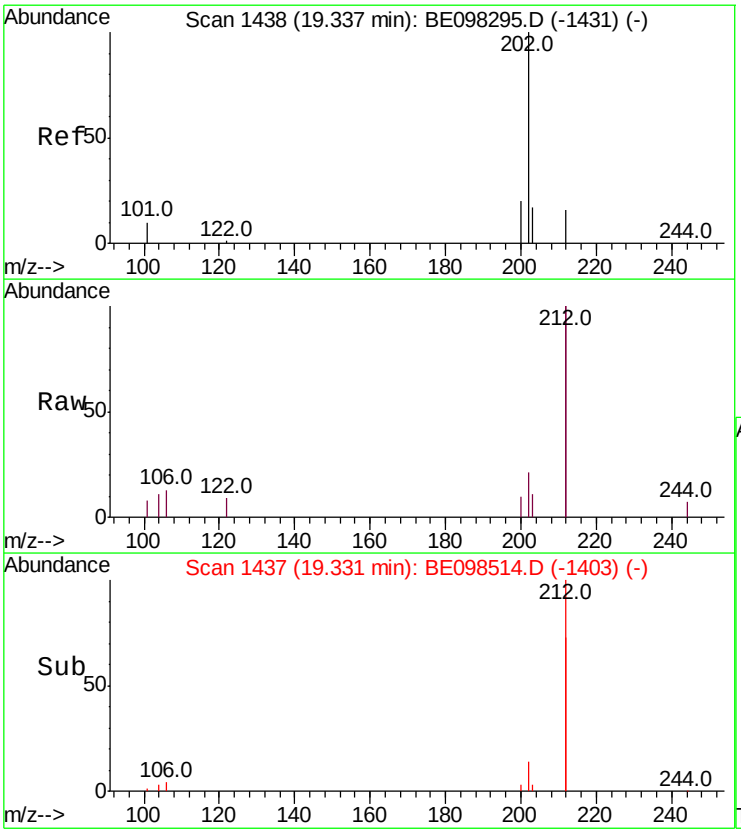
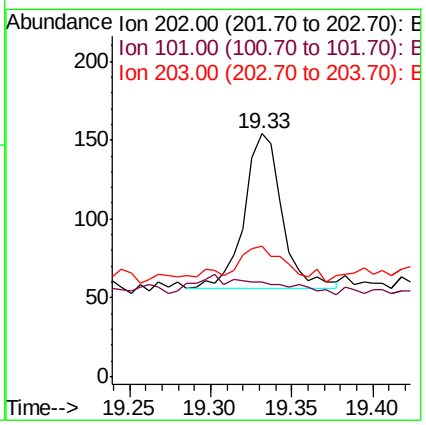


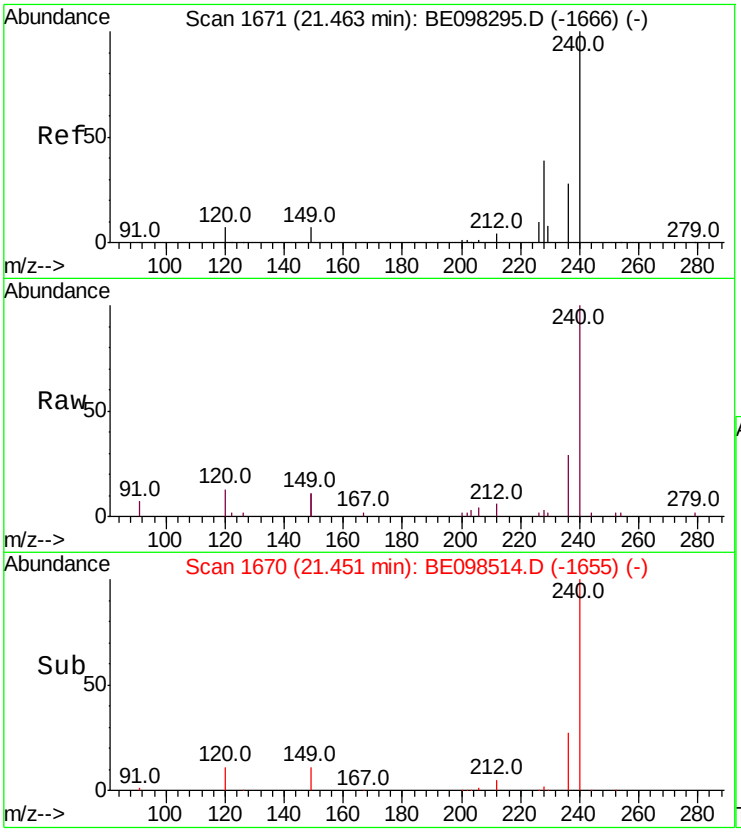




#26
Fluoranthene
Concen: 0.007 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:202 Resp: 158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 8.0 | 12.0# |
| 203 | 24.1 | 13.8 | 20.6# |






#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:240 Resp: 7118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.8 | 9.5 | 14.3 |
| 236 | 28.6 | 22.7 | 34.1 |

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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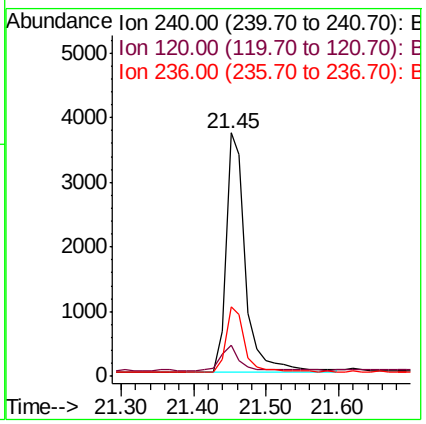
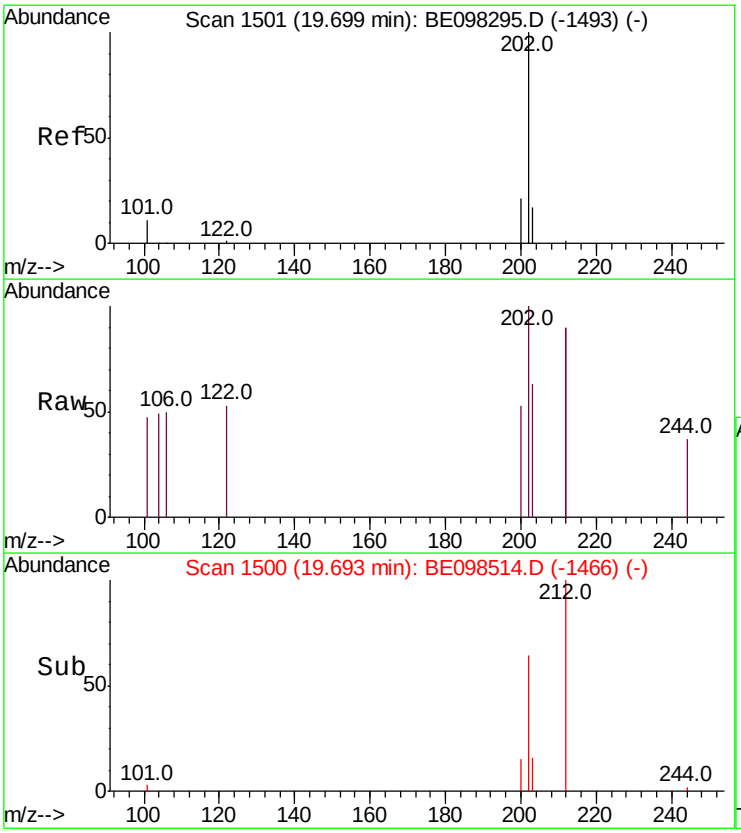
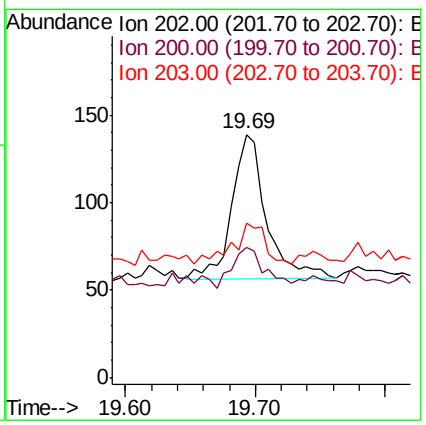


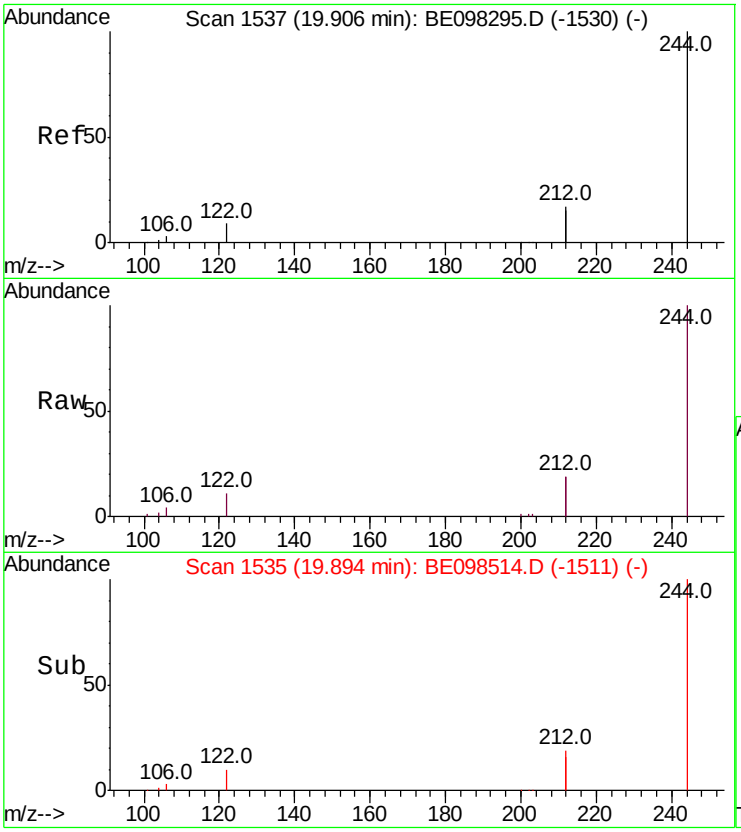




#28
Pyrene
Concen: 0.007 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:202 Resp: 151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 27.2 | 16.7 | 25.1# |
| 203 | 25.8 | 14.1 | 21.1# |

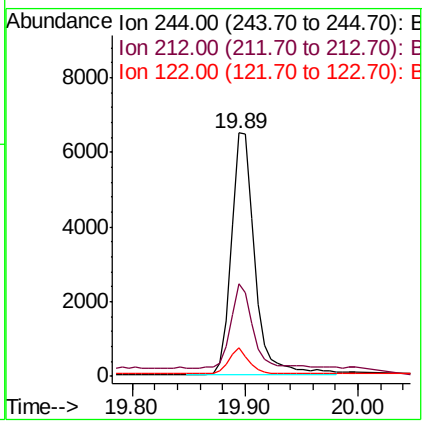





#29
Terphenyl-d14
Concen: 0.548 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:244 Resp: 9473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 38.1 | 27.4 | 41.0 |
| 122 | 11.5 | 8.3 | 12.5 |




**Instrument :**
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**ClientSampleId :**
BP-TT-SW4002-20181211MS

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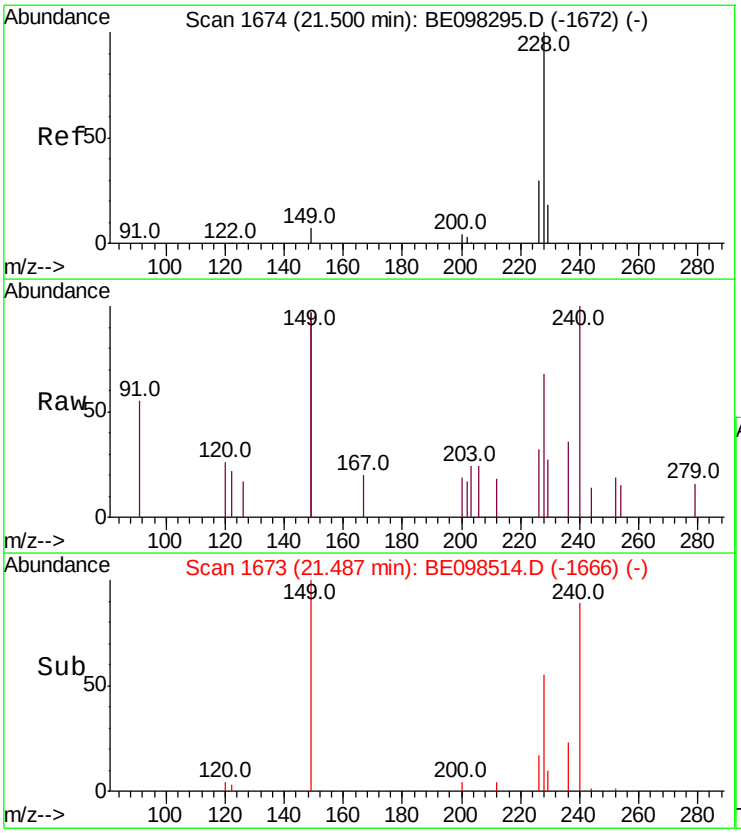
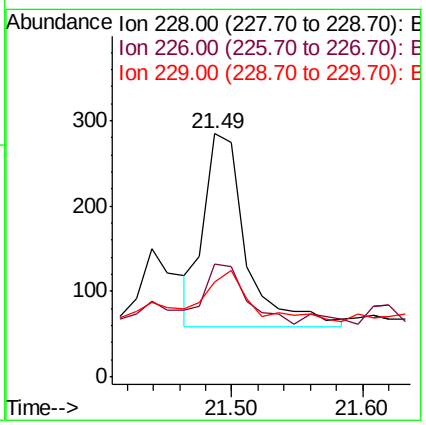
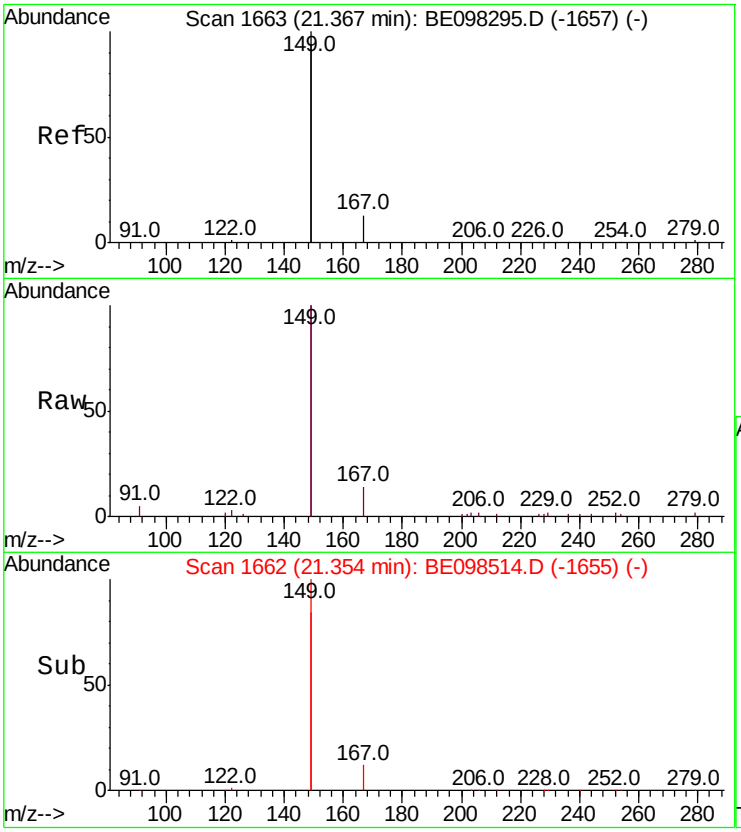



#31
Chrysene
Concen: 0.024 ng m
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:228 Resp: 507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 46.3 | 23.4 | 35.0# |
| 229 | 38.9 | 16.2 | 24.4# |

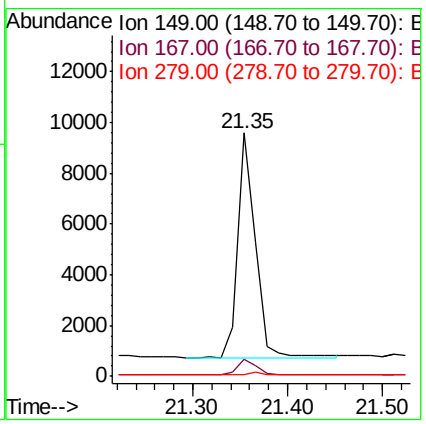





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.280 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:149 Resp: 11521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.7 | 8.5 |
| 279 | 1.1 | 1.0 | 1.4 |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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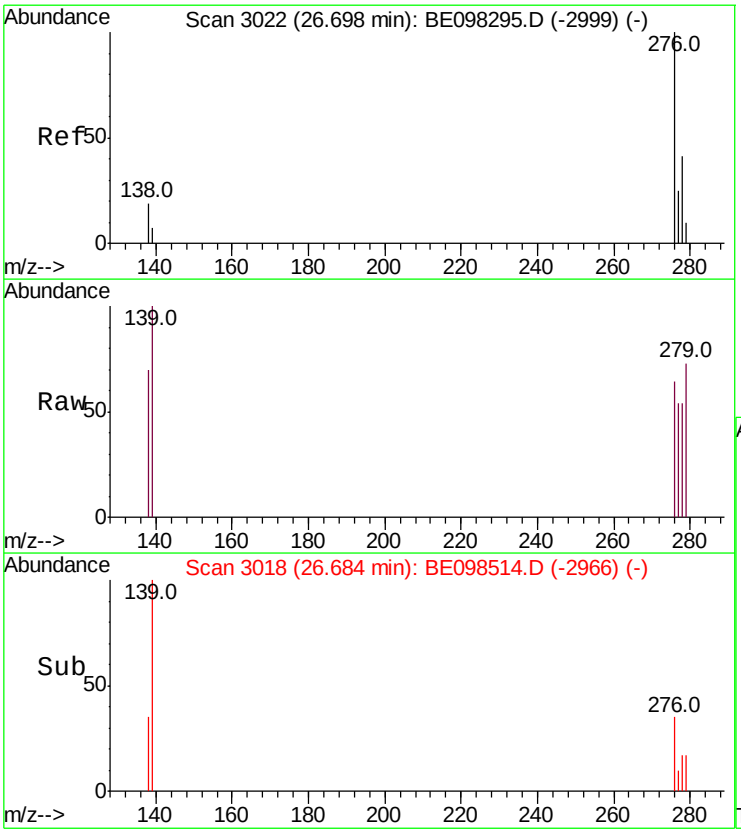
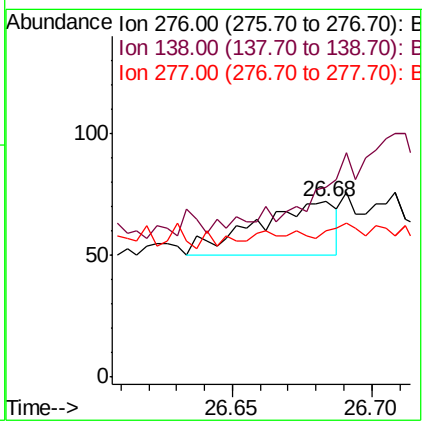
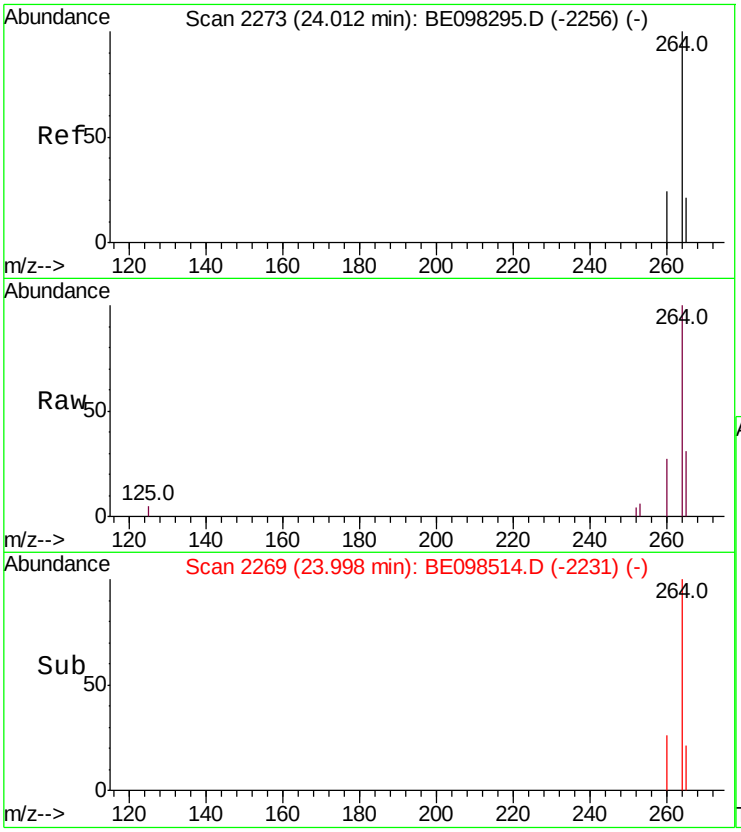



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:276 Resp: 45

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 48.9 | 16.3 | 24.5# |
| 277 | 8.9 | 20.2 | 30.4# |

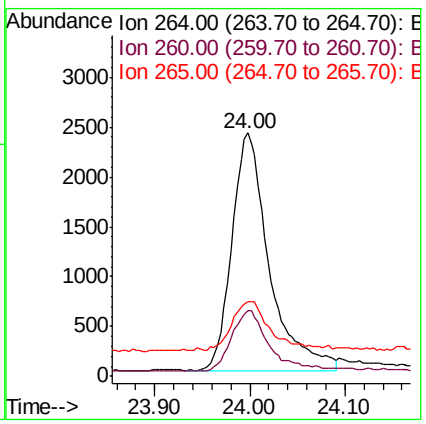





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:264 Resp: 6497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.2 | 20.2 | 30.2 |
| 265 | 30.7 | 25.2 | 37.8 |




**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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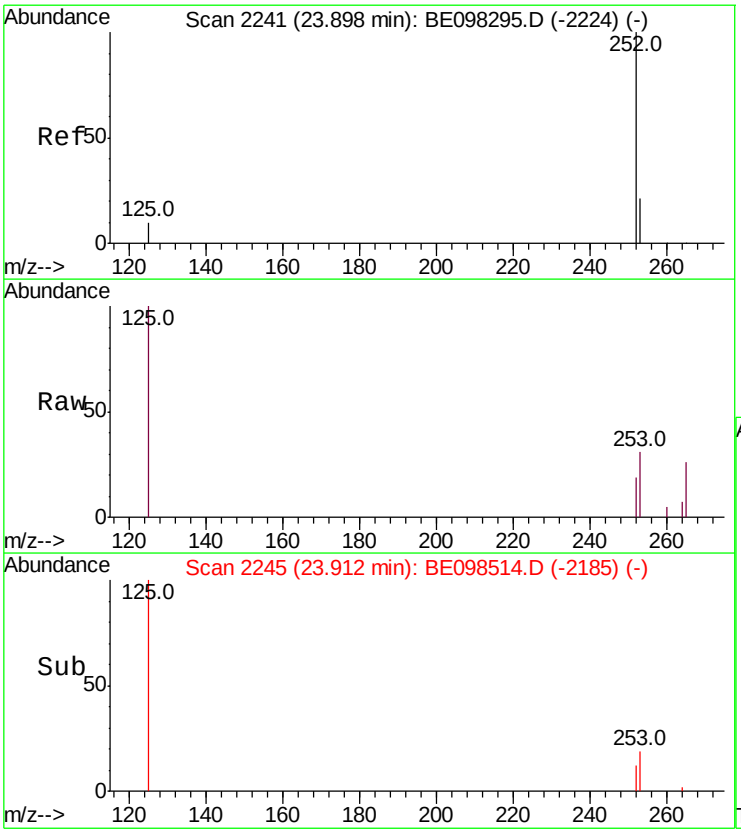
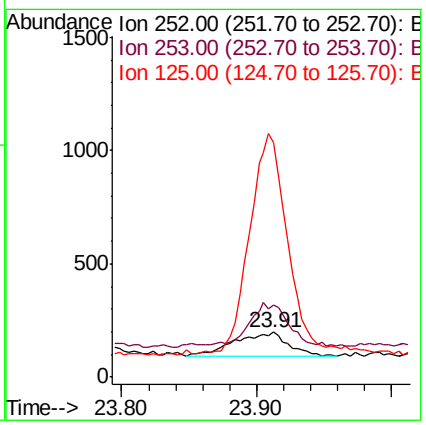
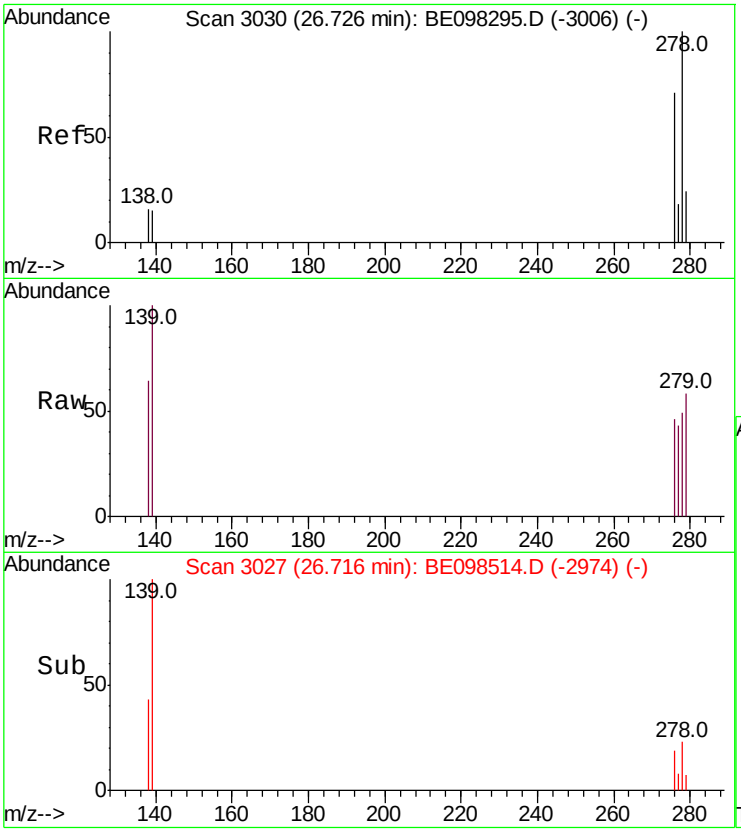



#37
Benzo(a)pyrene
Concen: 0.017 ng
RT: 23.91 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:252 Resp: 304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 158.8 | 20.6 | 30.8# |
| 125 | 519.6 | 10.5 | 15.7# |






#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:278 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 202.9 | 14.5 | 21.7# |
| 279 | 117.6 | 21.8 | 32.8# |

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-SW4002-20181211MS

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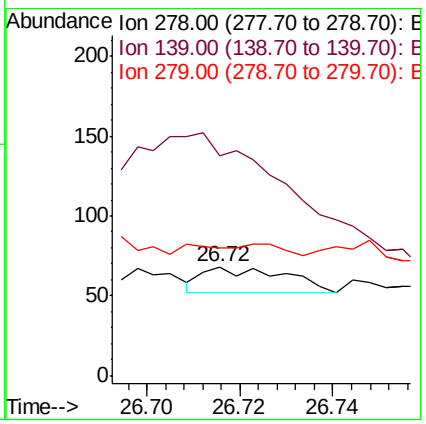


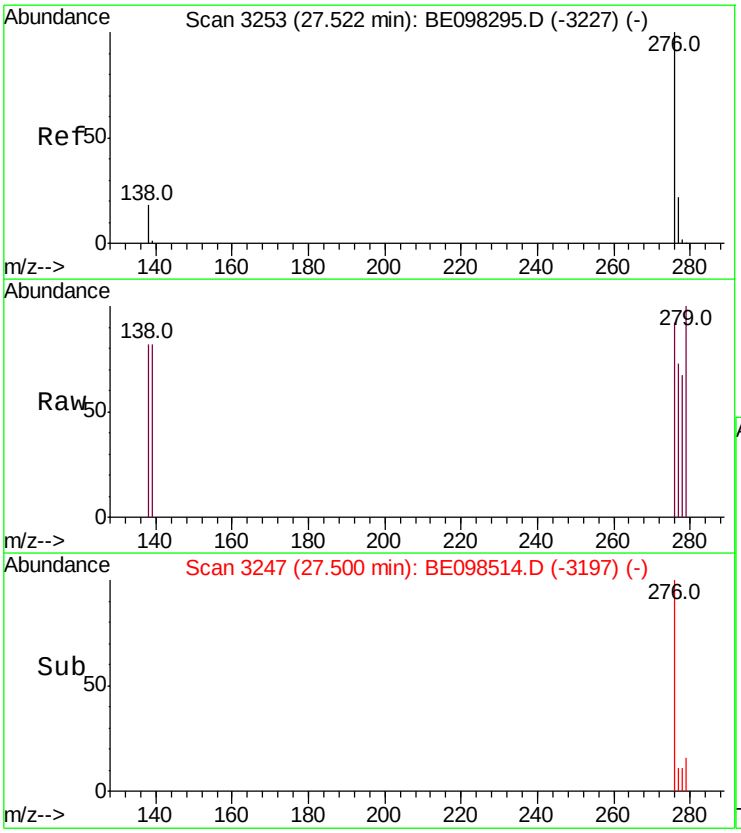


#39
Benzo(g,h,i)perylene
Concen: 0.004 ng
RT: 27.50 min Scan# 3247
Delta R.T. -0.02 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:276 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 79.5 | 20.8 | 31.2# |
| 138 | 89.0 | 15.8 | 23.6# |