Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
Data File : BE097692.D
Acq On : 27 Sep 2018 13:06
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
Sohil
9/28/2018 4:24:13 PM

Quant Time: Sep 27 14:22:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 27 14:15:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.37 | 152 | 911 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.12 | 136 | 4145 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 13.99 | 164 | 2298 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.75 | 188 | 6130 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 7502 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.20 | 264 | 6945 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 838 | 0.35 | ng | | 0.00 |
| 5) Phenol-d6 | 6.62 | 99 | 1139m | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.54 | 82 | 1147 | 0.48 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 2442 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 307 | 0.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.62 | 172 | 3660 | 0.49 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.80 | 212 | 28149 | 0.42 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.42 | 244 | 6229 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.06 | 88 | 703 | 0.431 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.37 | 42 | 432 | 0.451 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 6.83 | 93 | 1148 | 0.419 | ng | | 75 |
| 9) Naphthalene | 10.17 | 128 | 15880 | 0.422 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.44 | 225 | 730 | 0.426 | ng | | 98 |
| 12) 2-Methylnaphthalene | 11.80 | 142 | 2390 | 0.401 | ng | | 96 |
| 16) Acenaphthylene | 13.71 | 152 | 3634 | 0.393 | ng | | 100 |
| 17) Acenaphthene | 14.06 | 154 | 2581 | 0.428 | ng | | 96 |
| 18) Fluorene | 15.05 | 166 | 3259 | 0.384 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 15.96 | 248 | 1201 | 0.442 | ng | # | 80 |
| 21) Hexachlorobenzene | 16.07 | 284 | 1335 | 0.426 | ng | # | 82 |
| 22) Pentachlorophenol | 16.44 | 266 | 314 | 0.421 | ng | # | 83 |
| 23) Phenanthrene | 16.80 | 178 | 6086 | 0.420 | ng | | 99 |
| 24) Anthracene | 16.89 | 178 | 4814 | 0.400 | ng | | 96 |
| 26) Fluoranthene | 18.83 | 202 | 7474 | 0.430 | ng | | 98 |
| 28) Pyrene | 19.20 | 202 | 7589 | 0.388 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.95 | 228 | 6981 | 0.394 | ng | | 96 |
| 31) Chrysene | 21.00 | 228 | 9021 | 0.435 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 20.89 | 149 | 8092 | 0.400 | ng | # | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 9355 | 0.428 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.53 | 252 | 7521 | 0.424 | ng | # | 89 |
| 36) Benzo(k)fluoranthene | 22.57 | 252 | 8996 | 0.428 | ng | | 94 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 7153 | 0.408 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 7778 | 0.422 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 26.20 | 276 | 7997 | 0.436 | ng | # | 90 |

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

Quantitation Report (QT Reviewed)

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Sample : SSTDICCC0.4
Misc :
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**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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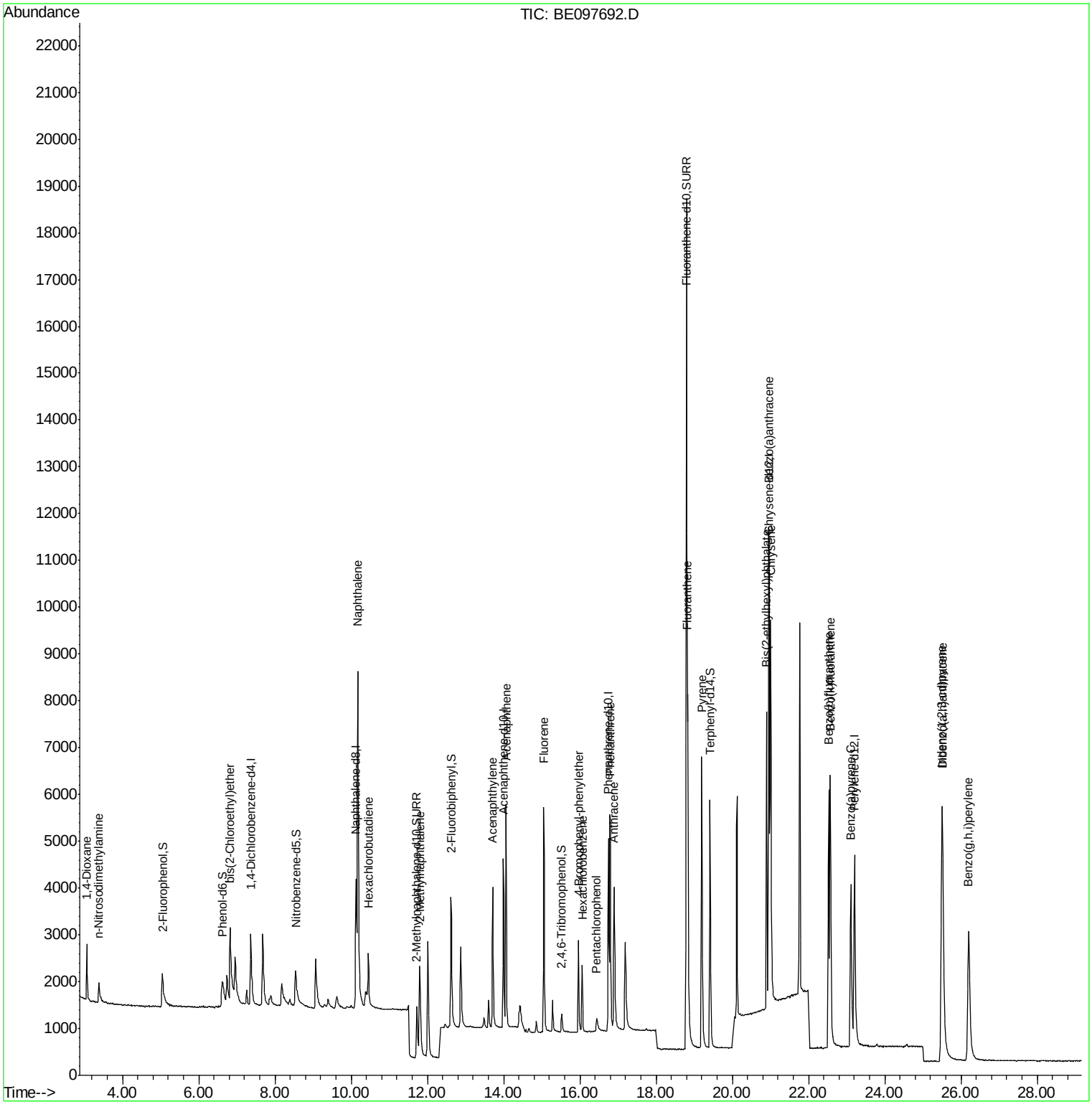
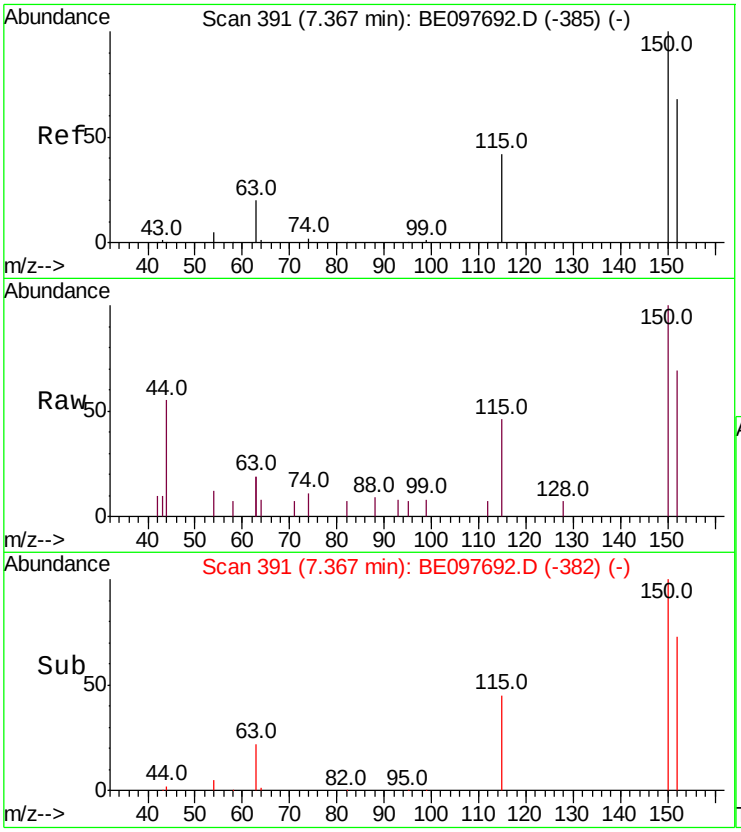
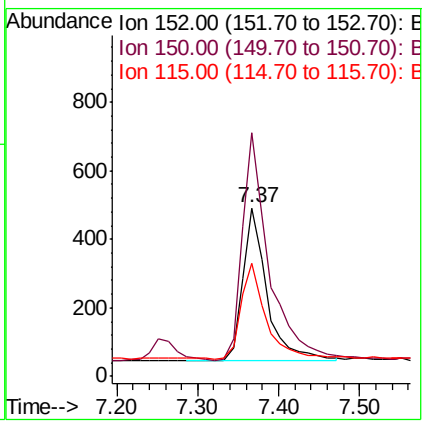





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:152 Resp: 911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.8 | 117.2 | 175.8 |
| 115 | 67.2 | 57.0 | 85.6 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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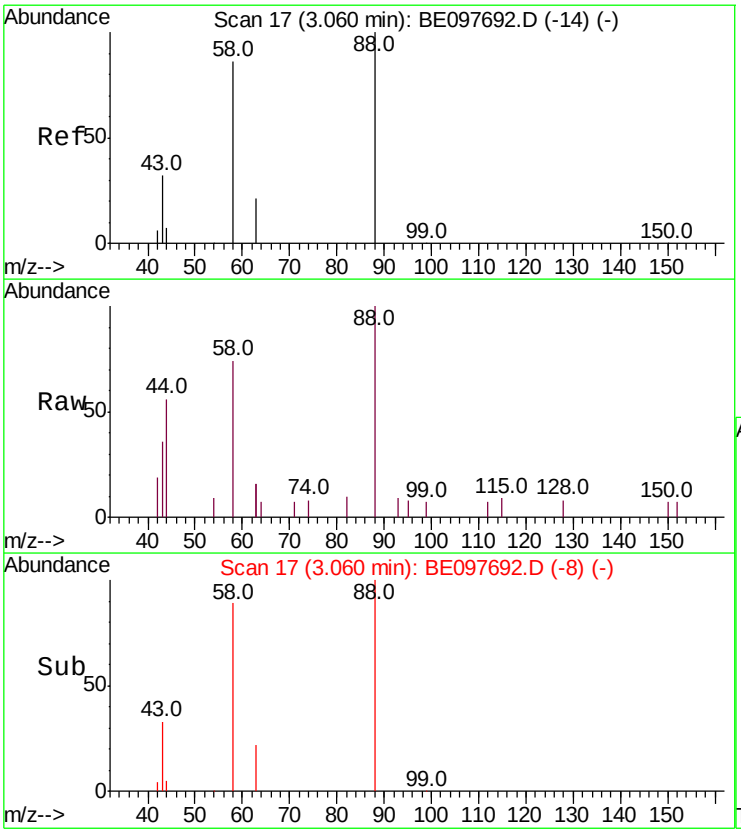
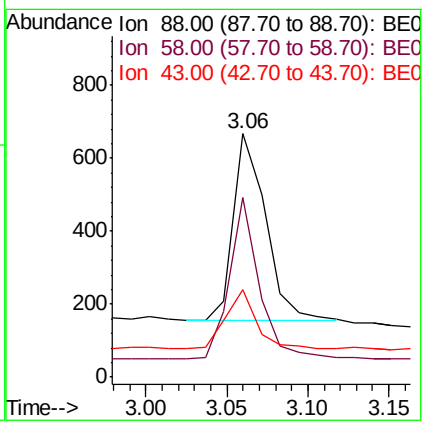
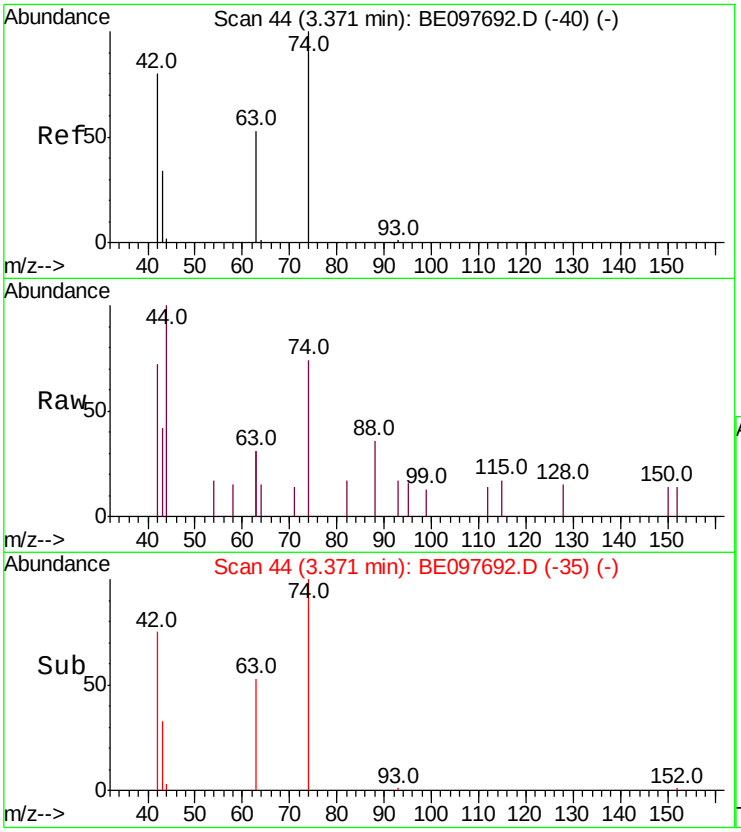



#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.06 min Scan# 17
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 88 Resp: 703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.7 | 63.2 | 94.8 |
| 43 | 30.4 | 41.2 | 61.8# |

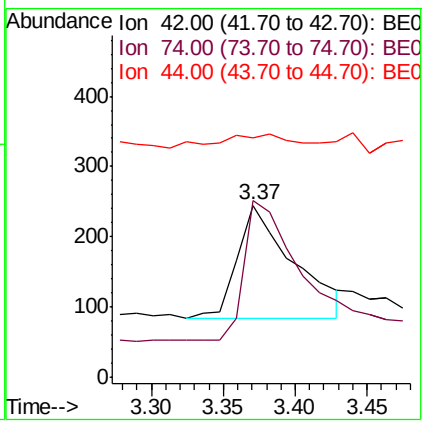





#3
n-Nitrosodimethylamine
Concen: 0.451 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 42 Resp: 432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 124.1 | 96.0 | 144.0 |
| 44 | 13.7 | 12.0 | 18.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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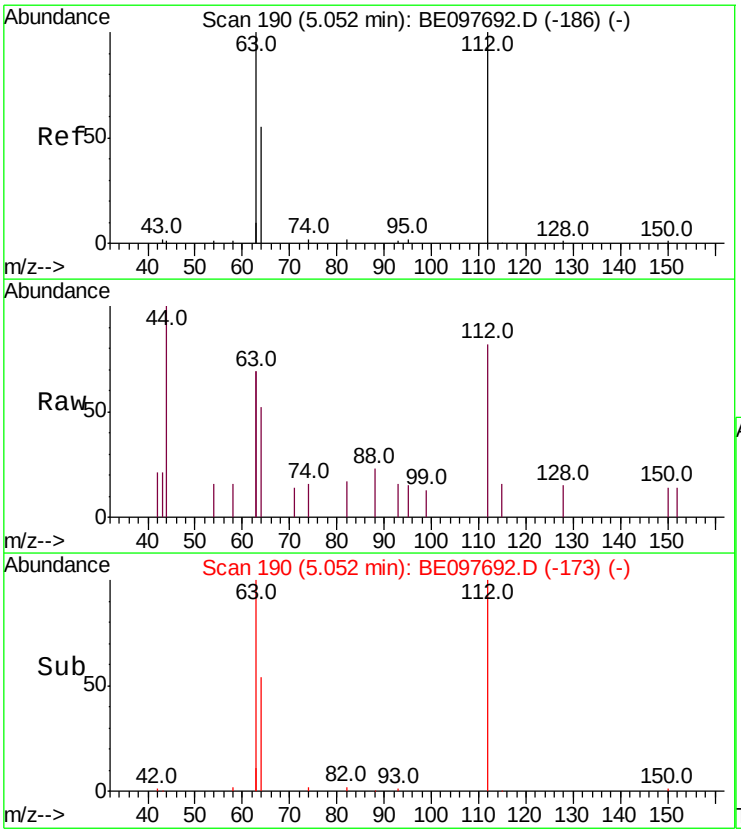
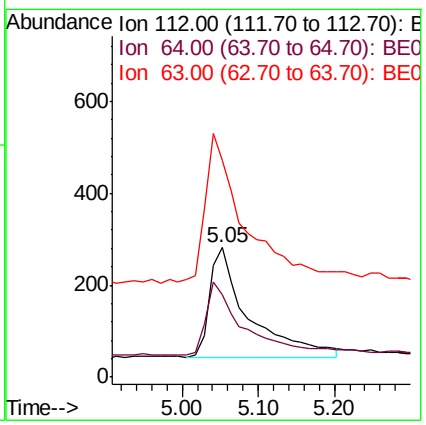
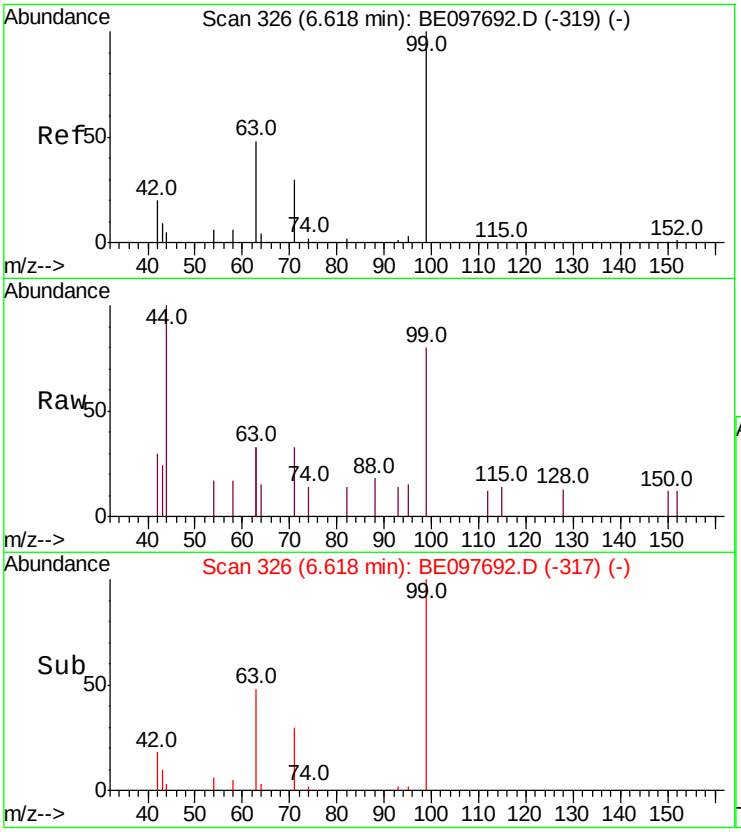



#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:112 Resp: 838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.1 | 60.1 | 90.1 |
| 63 | 141.2 | 116.8 | 175.2 |

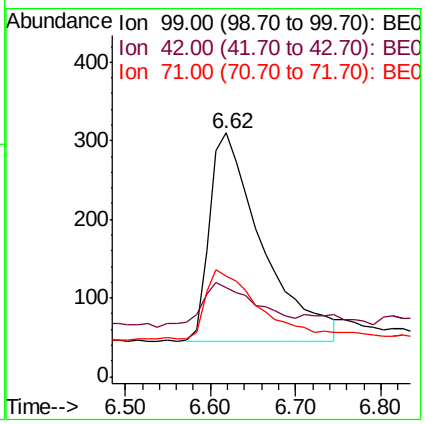





#5
Phenol-d6
Concen: 0.336 ng m
RT: 6.62 min Scan# 326
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 99 Resp: 1139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.2 | 20.2 | 30.2 |
| 71 | 28.7 | 28.4 | 42.6 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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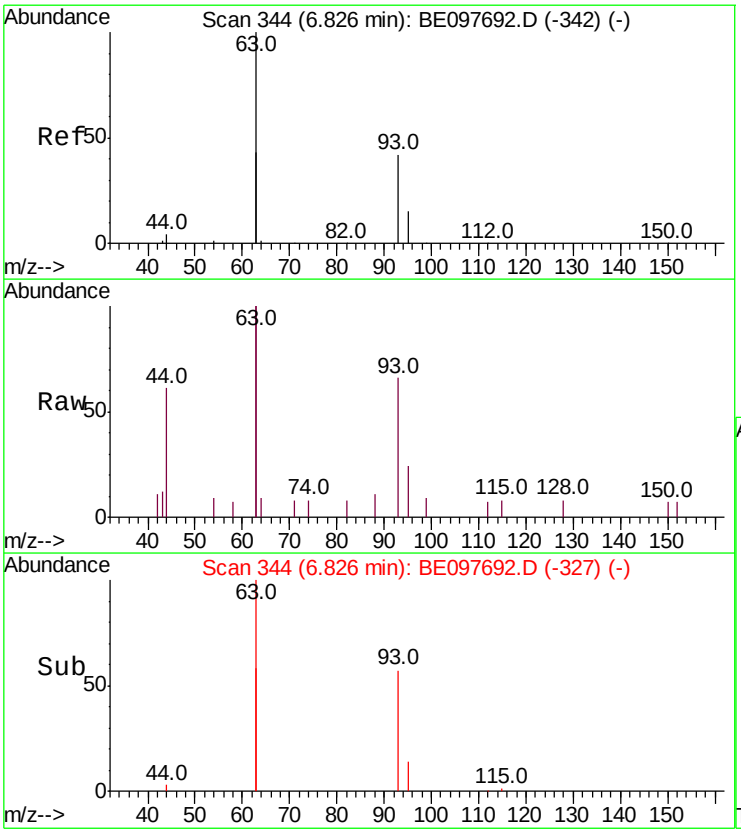
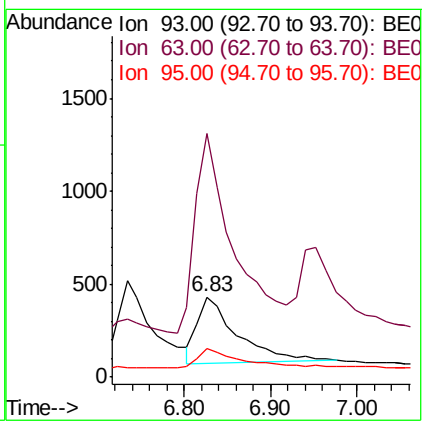
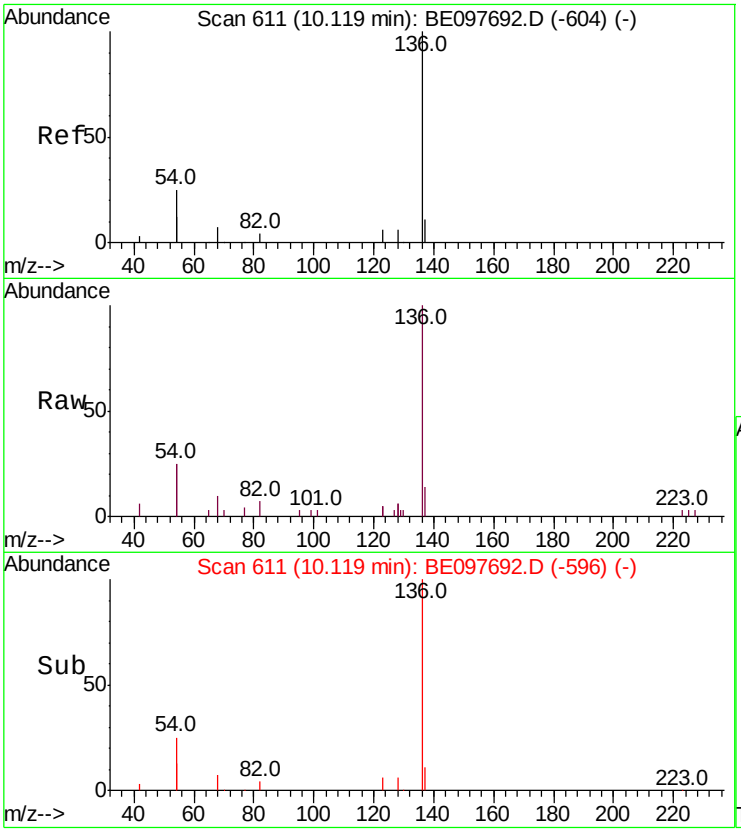



#6
bis(2-Chloroethyl)ether
Concen: 0.419 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 93 Resp: 1148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 285.9 | 275.3 | 412.9 |
| 95 | 30.8 | 25.2 | 37.8 |

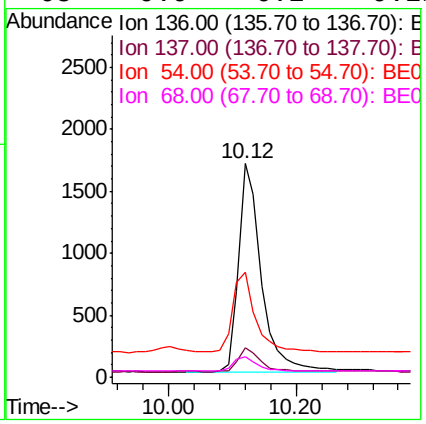





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:136 Resp: 4145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.6 | 9.5 | 14.3 |
| 54 | 49.3 | 29.1 | 43.7# |
| 68 | 9.9 | 6.2 | 9.2# |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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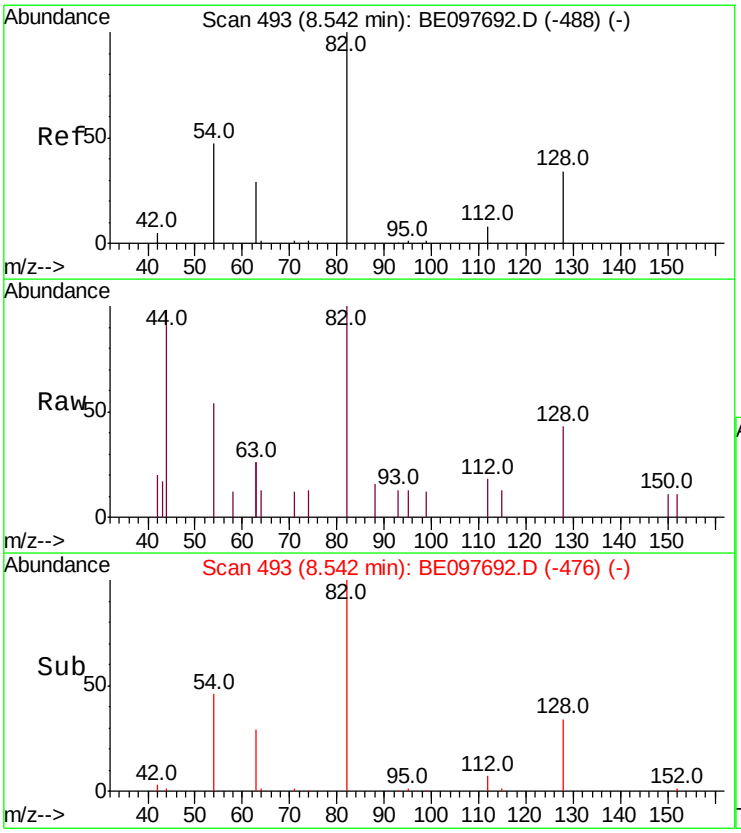
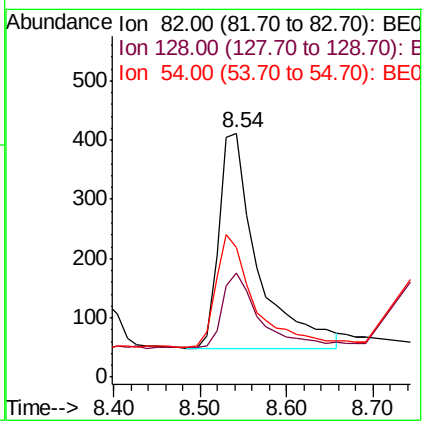
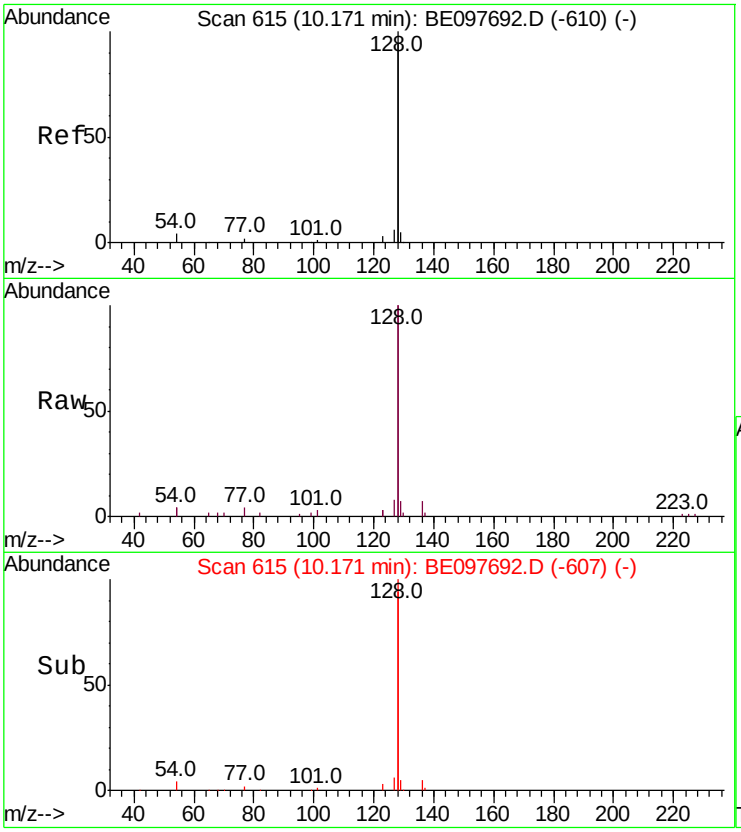



#8
Nitrobenzene-d5
Concen: 0.477 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 82 Resp: 1147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.6 | 24.0 | 36.0# |
| 54 | 53.5 | 40.0 | 60.0 |

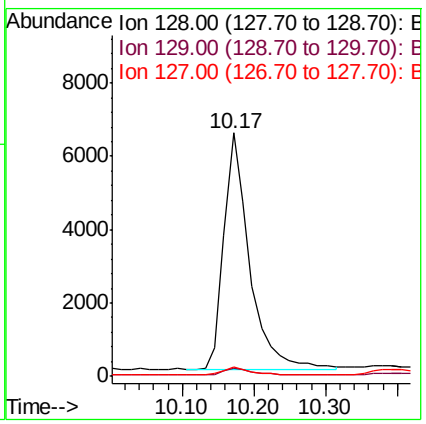





#9
Naphthalene
Concen: 0.422 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:128 Resp: 15880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.3 | 2.6 | 3.8 |
| 127 | 3.9 | 2.8 | 4.2 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

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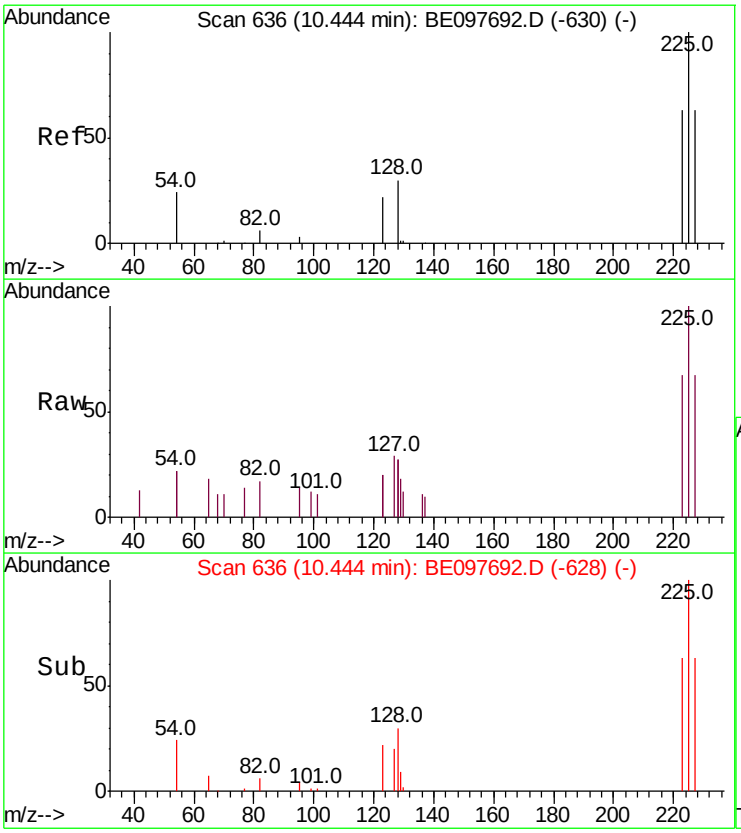
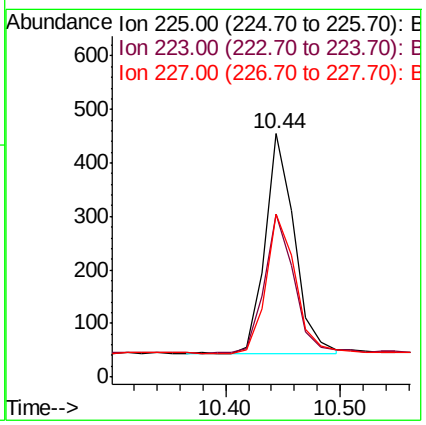
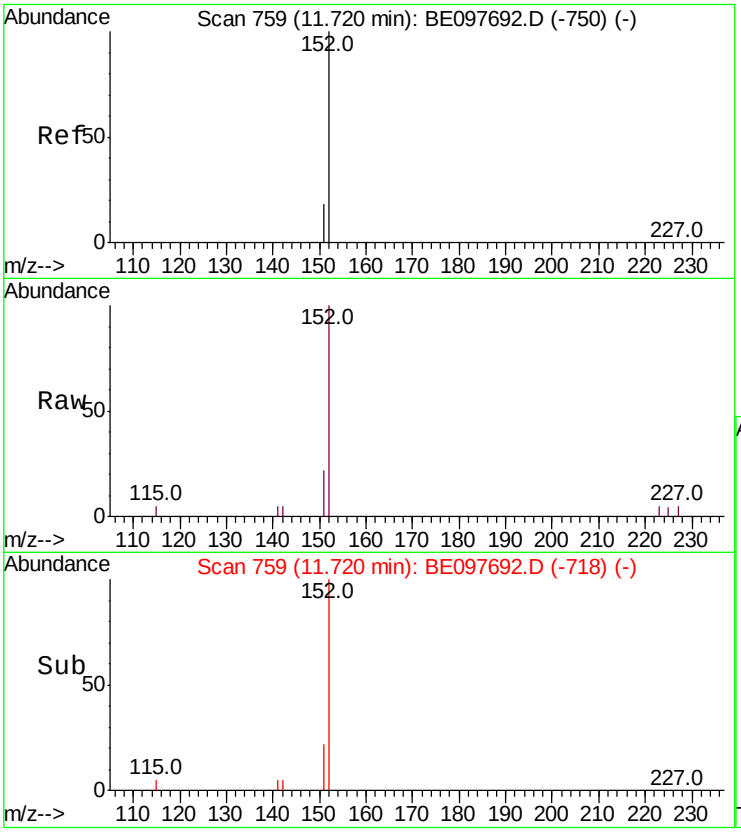



#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.44 min Scan# 636
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:225 Resp: 730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.2 | 53.0 | 79.6 |
| 227 | 64.0 | 51.4 | 77.2 |

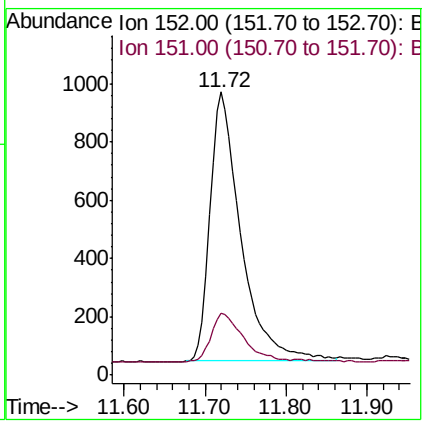





#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:152 Resp: 2442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 17.8 | 15.4 | 23.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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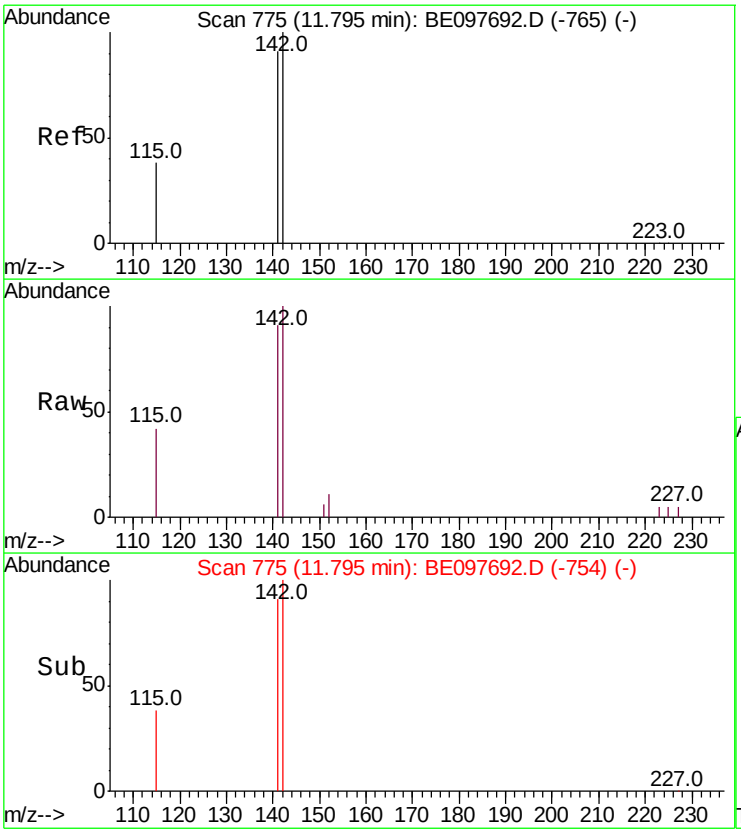
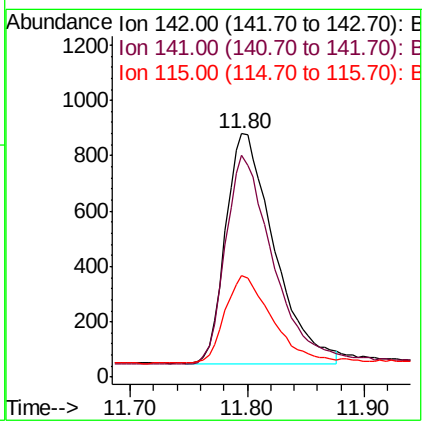
9/28/2018 4:24:13 PM

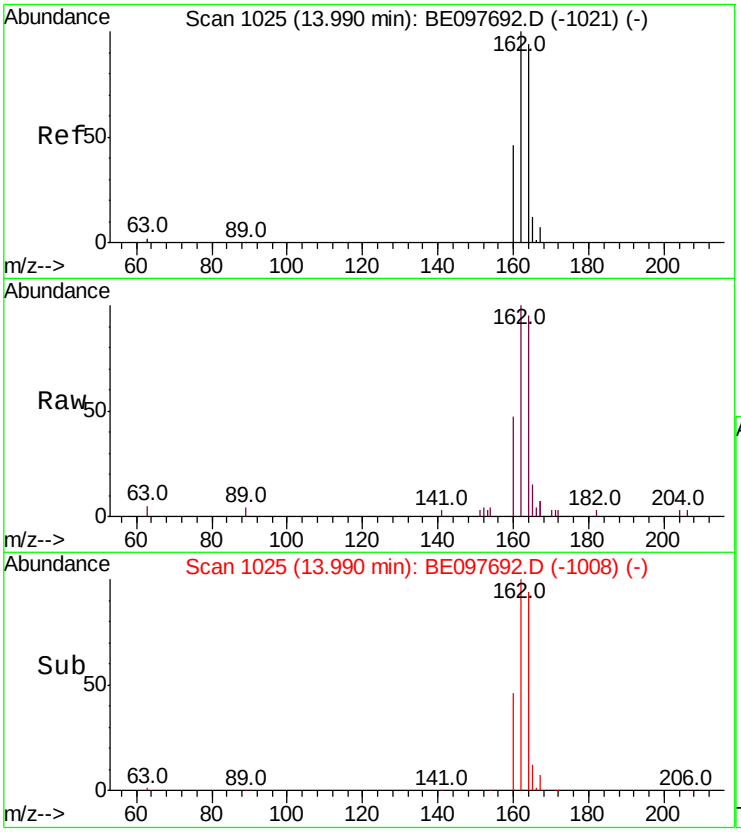



#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:142 Resp: 2390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 70.4 | 105.6 |
| 115 | 41.9 | 31.7 | 47.5 |

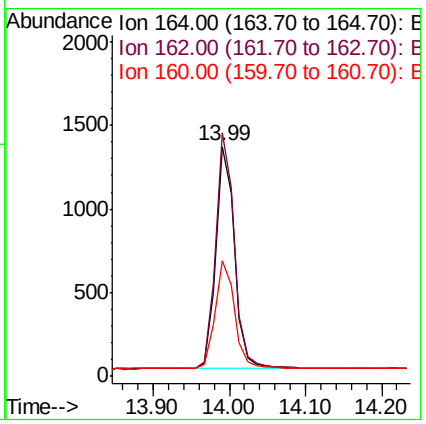





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

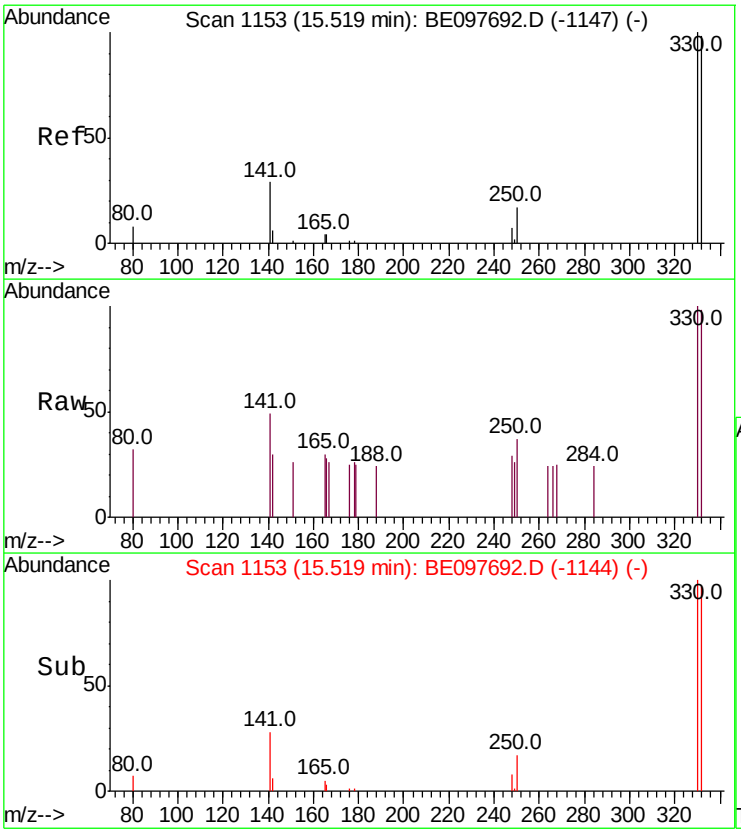
Tgt Ion:164 Resp: 2298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.8 | 83.1 | 124.7 |
| 160 | 50.2 | 37.1 | 55.7 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

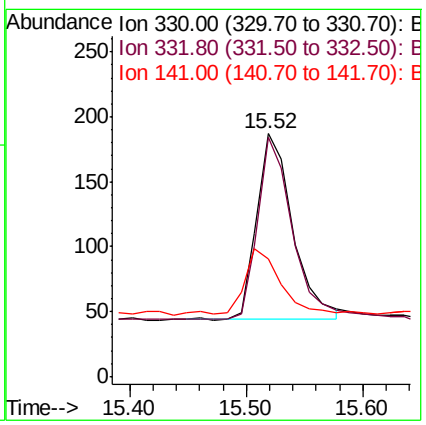
**Manual Integrations APPROVED**
Sohil
9/28/2018 4:24:13 PM

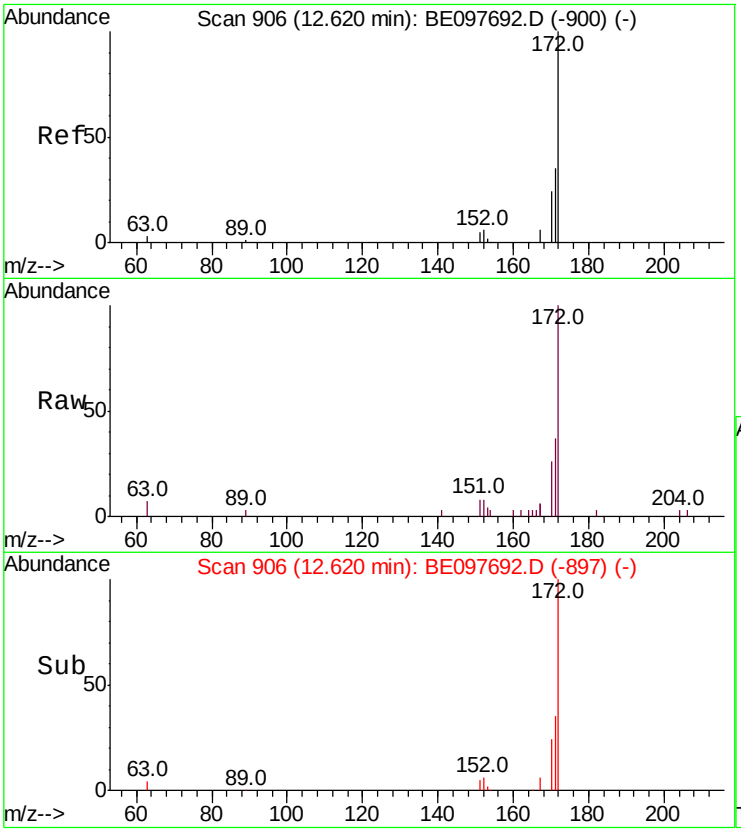



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:330 Resp: 307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.1 | 152.7 | 229.1# |
| 141 | 37.8 | 33.7 | 50.5 |

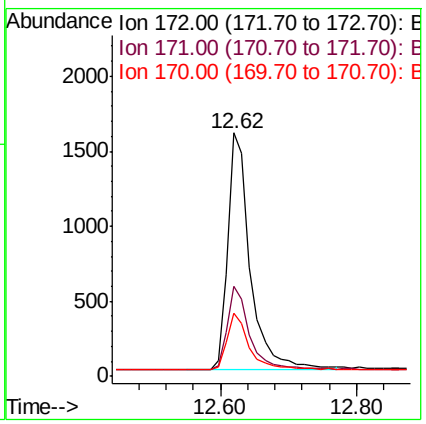





#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:172 Resp: 3660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.9 | 44.9 |
| 170 | 25.8 | 21.8 | 32.8 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

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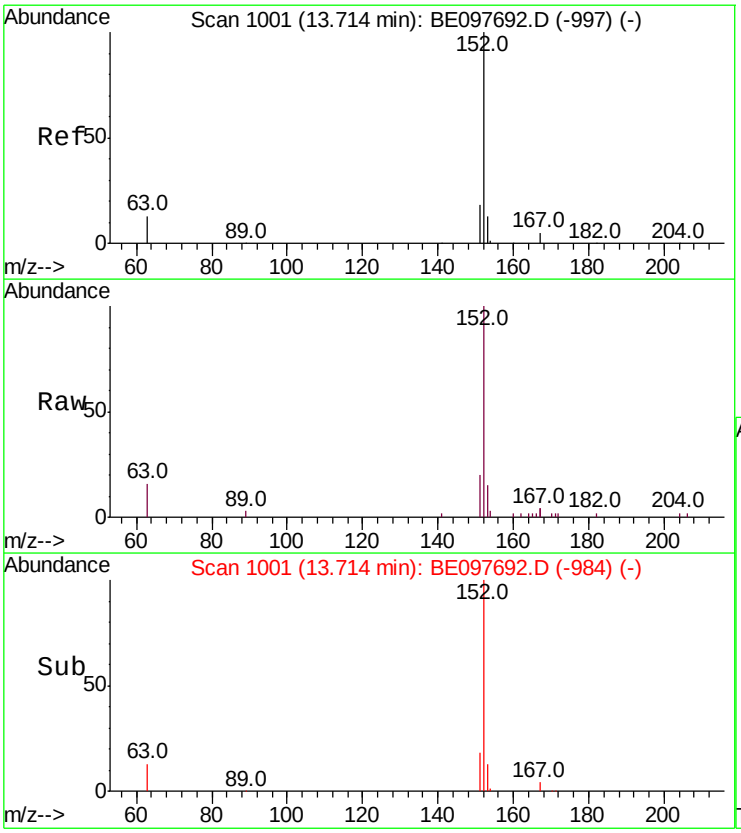
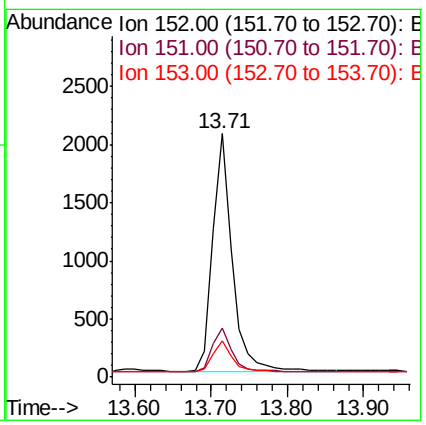
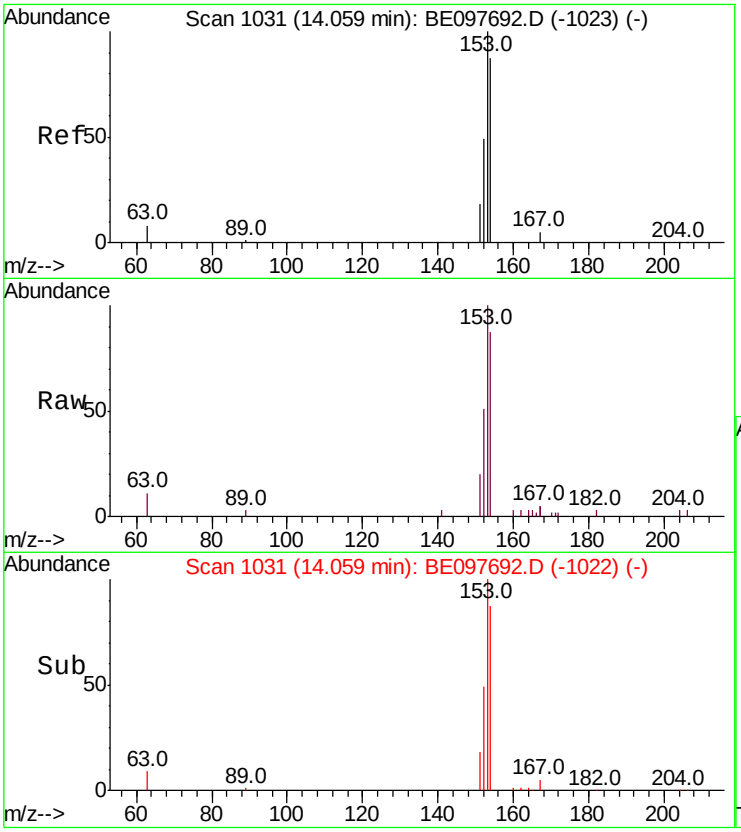



#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:152 Resp: 3634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.7 | 23.5 |
| 153 | 13.2 | 10.5 | 15.7 |

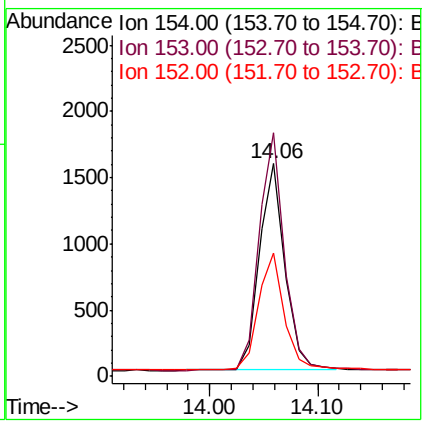





#17
Acenaphthene
Concen: 0.428 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:154 Resp: 2581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.8 | 89.2 | 133.8 |
| 152 | 57.0 | 42.0 | 63.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

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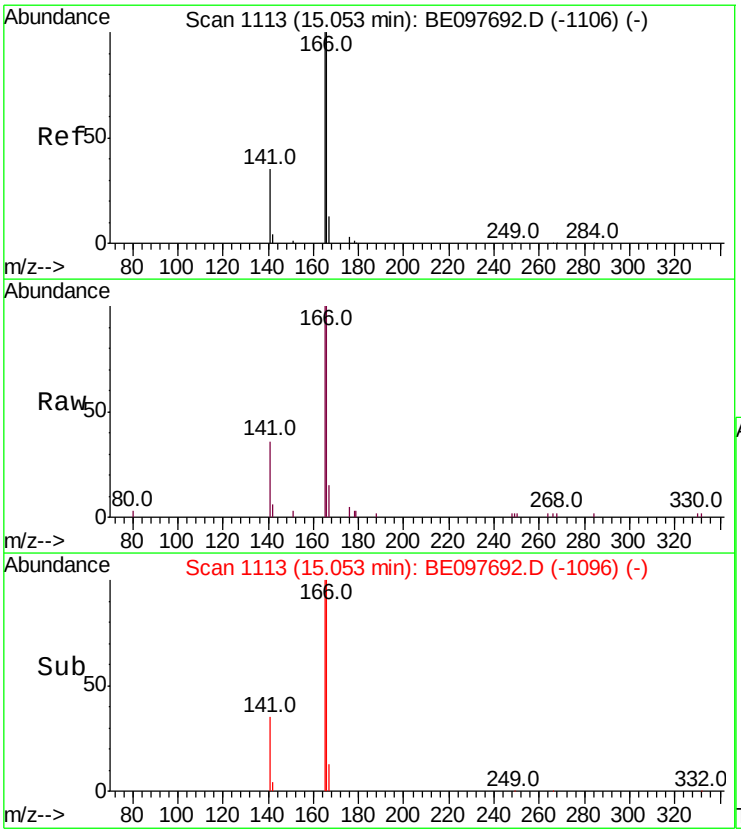
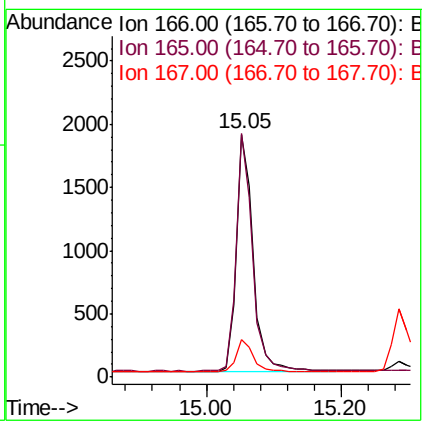
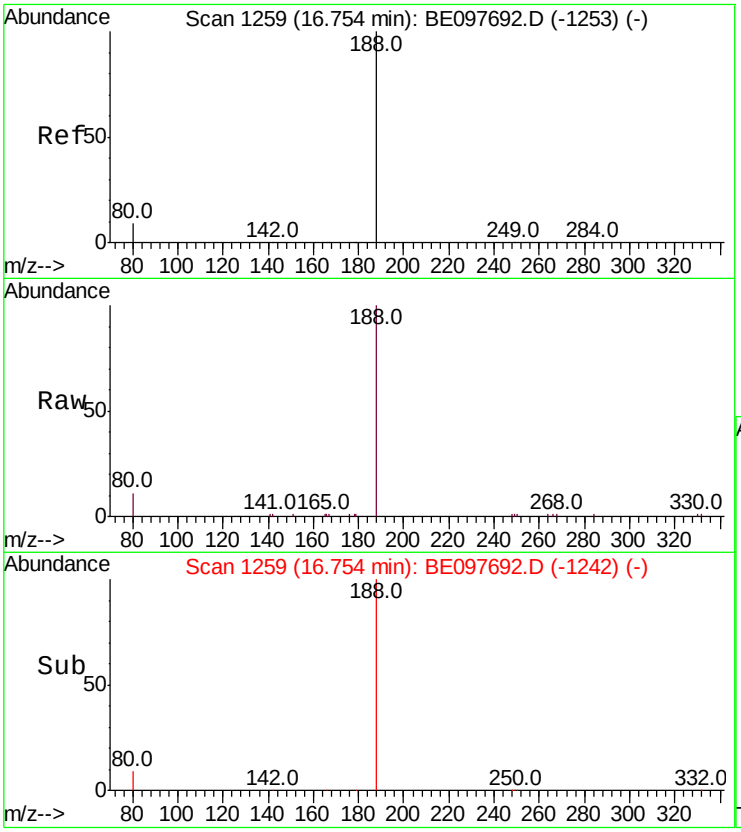



#18
Fluorene
Concen: 0.384 ng
RT: 15.05 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:166 Resp: 3259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.1 | 77.8 | 116.6 |
| 167 | 13.1 | 42.4 | 63.6# |






#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:188 Resp: 6130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 10.7 | 3.6 | 5.4# |

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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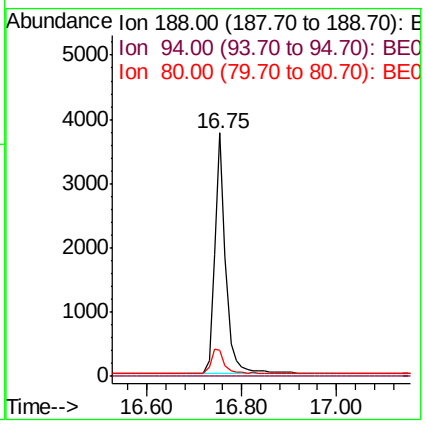
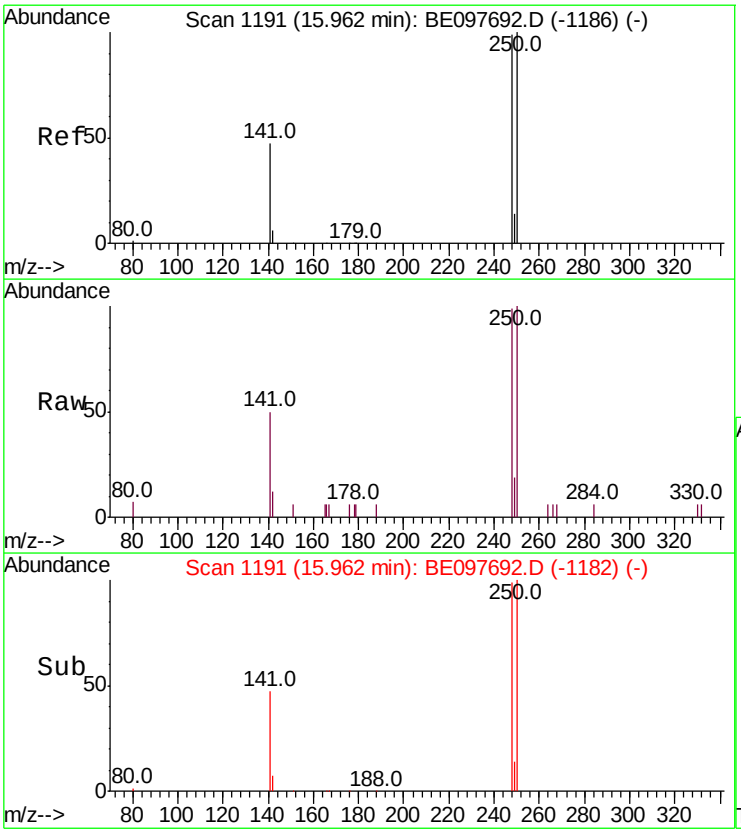
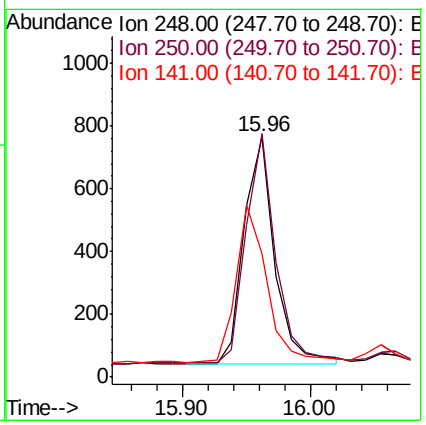


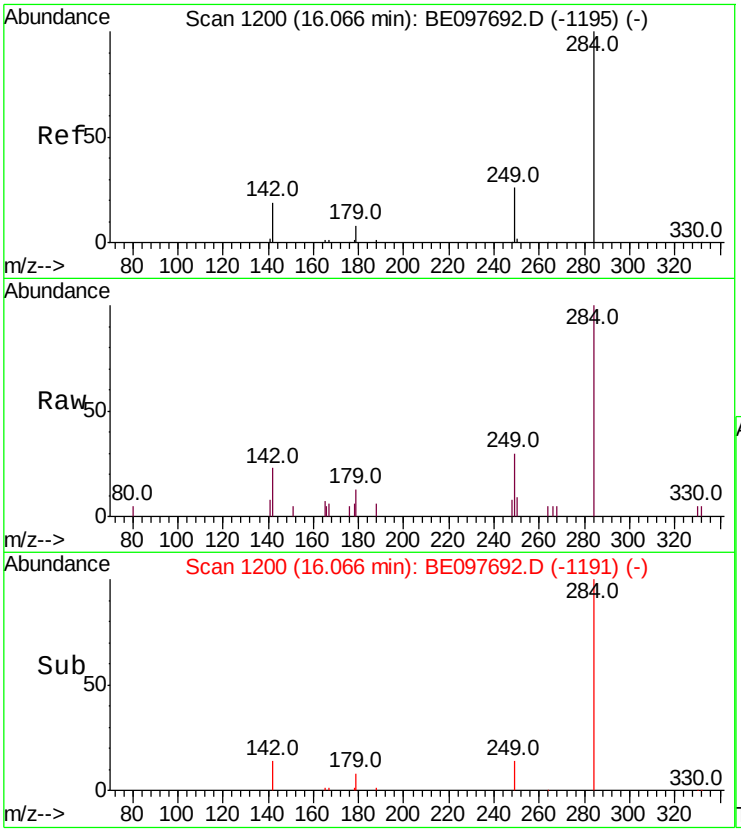




#20
4-Bromophenyl-phenylether
Concen: 0.442 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:248 Resp: 1201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.3 | 62.7 | 94.1# |
| 141 | 51.0 | 48.2 | 72.2 |






#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:284 Resp: 1335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.0 | 22.1 | 33.1 |
| 249 | 29.3 | 34.8 | 52.2# |

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

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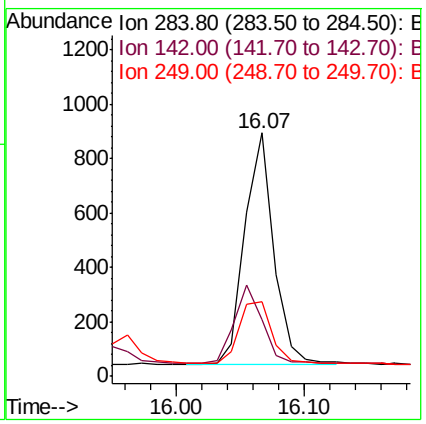
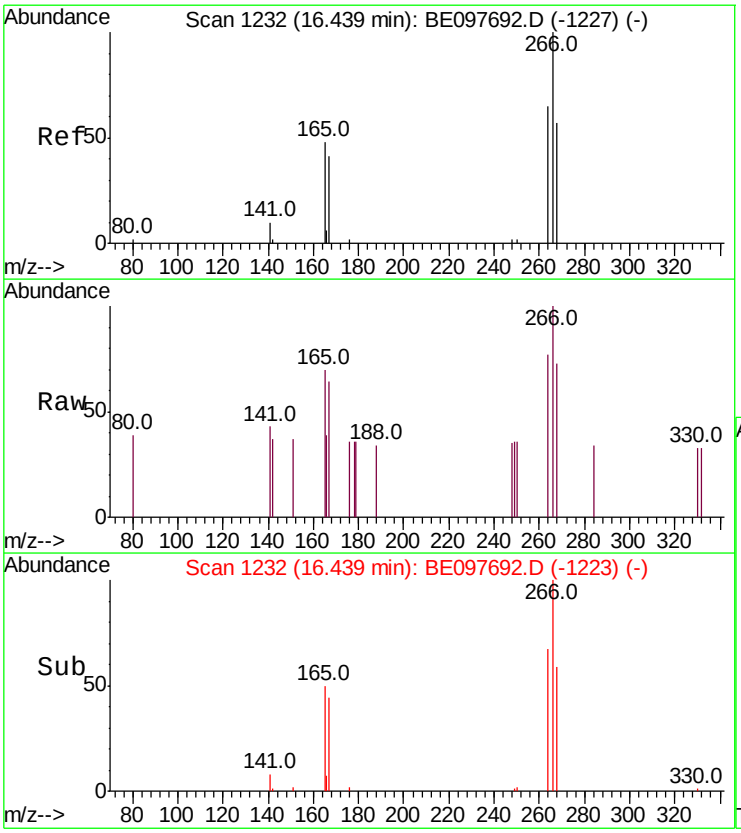
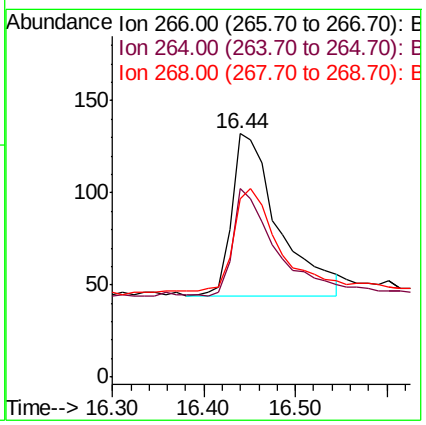


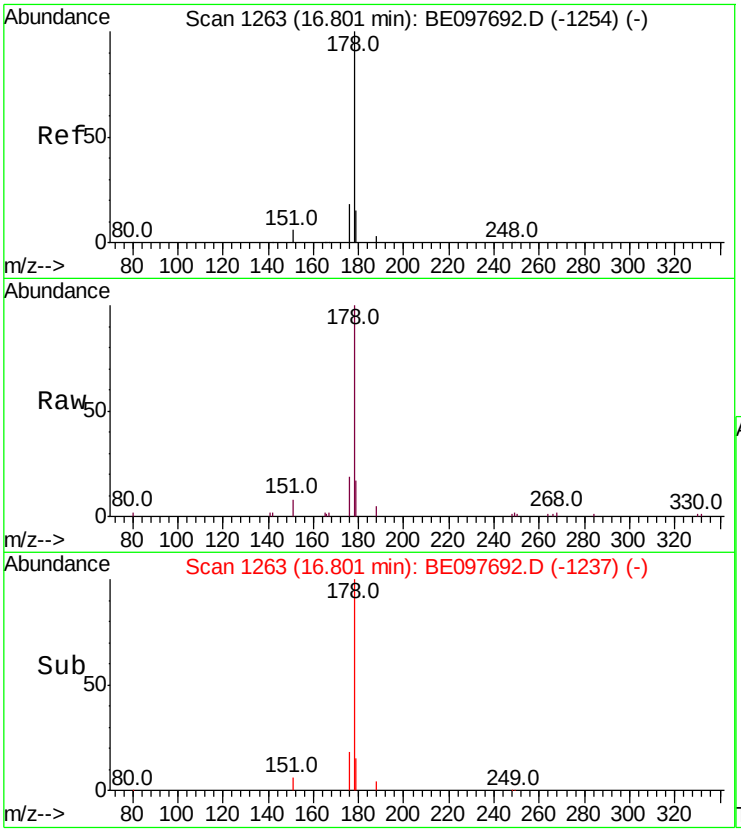




#22
Pentachlorophenol
Concen: 0.421 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:266 Resp: 314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 77.3 | 72.5 | 108.7 |
| 268 | 73.5 | 73.8 | 110.6# |

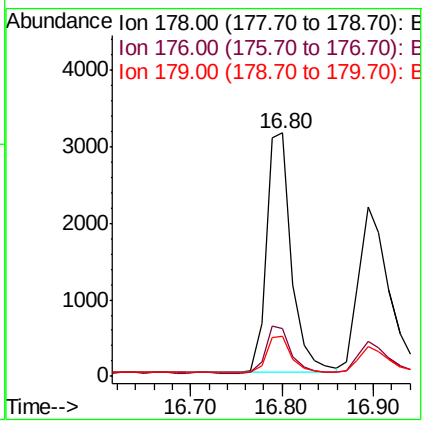





#23
Phenanthrene
Concen: 0.420 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:178 Resp: 6086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.1 | 22.7 |
| 179 | 15.2 | 11.8 | 17.6 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

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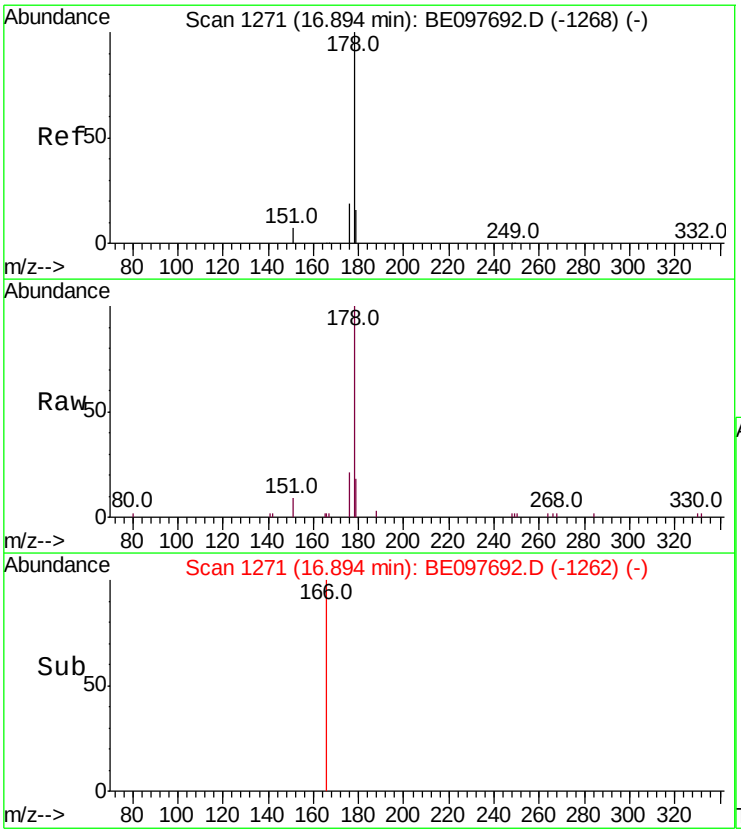
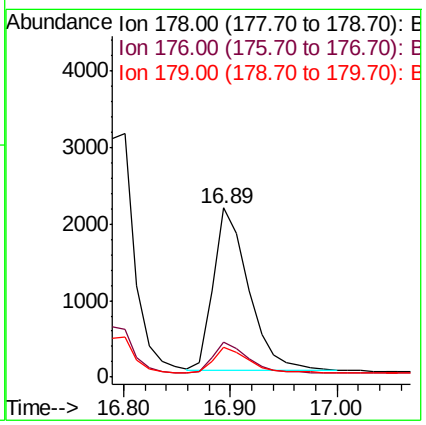
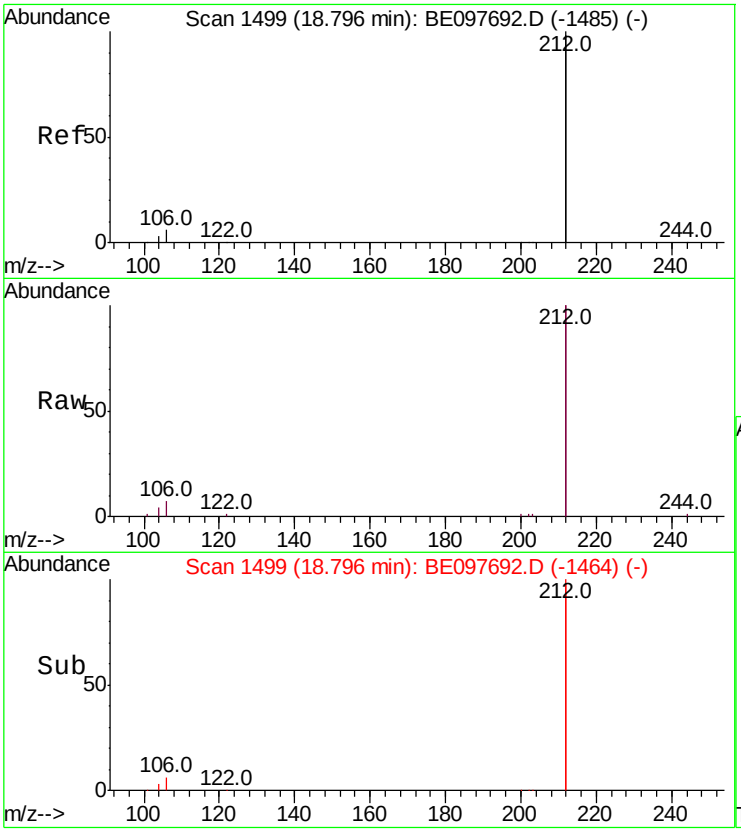



#24
Anthracene
Concen: 0.400 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:178 Resp: 4814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 12.8 | 19.2 |
| 179 | 15.4 | 13.0 | 19.6 |

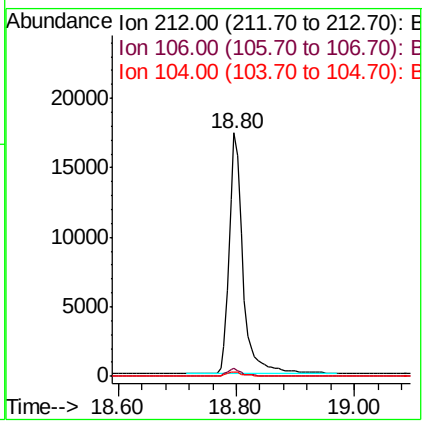





#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 18.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:212 Resp: 28149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.1 | 2.8 | 4.2 |
| 104 | 1.6 | 1.6 | 2.4 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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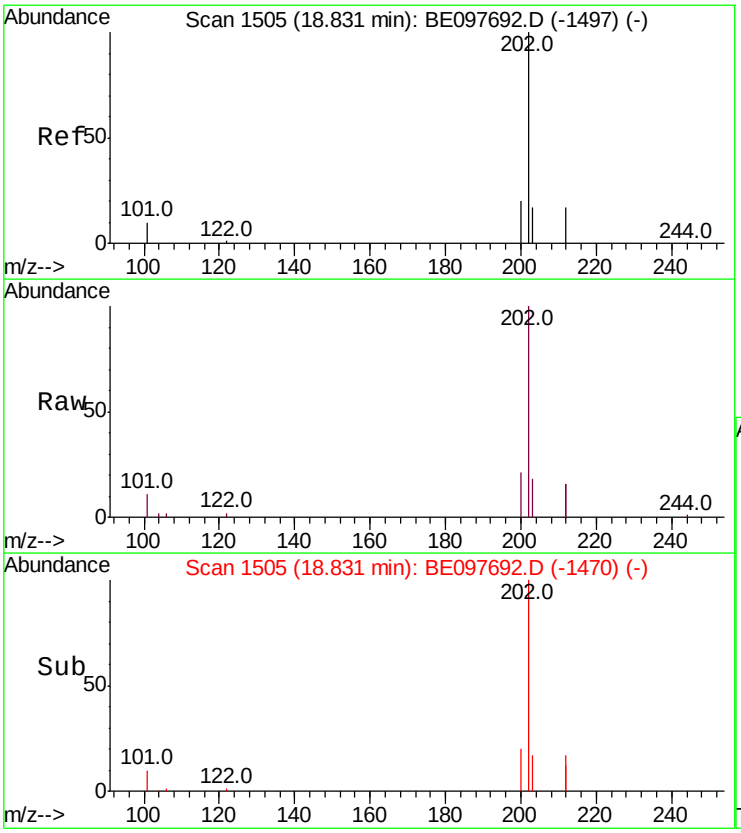
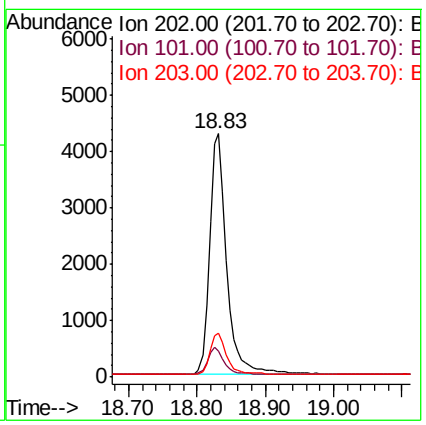
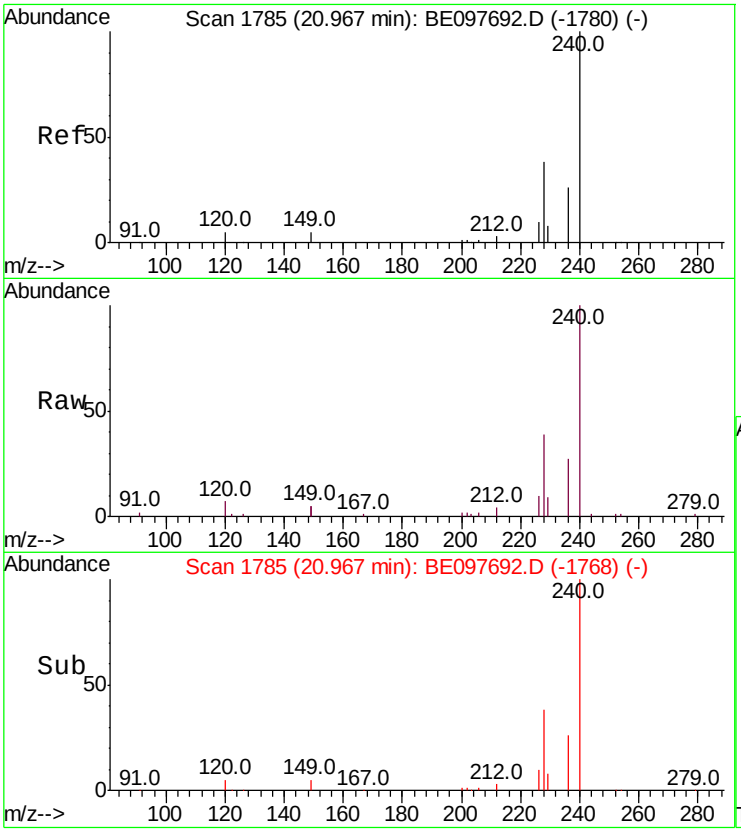



#26
Fluoranthene
Concen: 0.430 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:202 Resp: 7474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 9.8 | 14.8 |
| 203 | 16.8 | 13.7 | 20.5 |

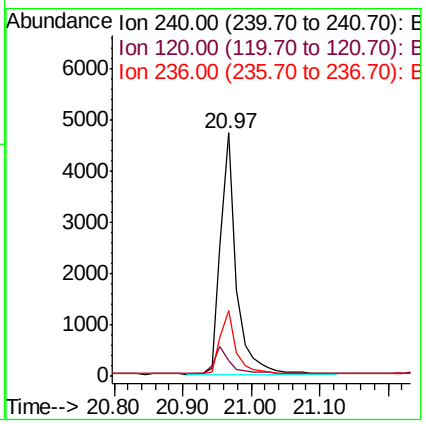





#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:240 Resp: 7502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.6 | 5.5 | 8.3 |
| 236 | 27.1 | 20.7 | 31.1 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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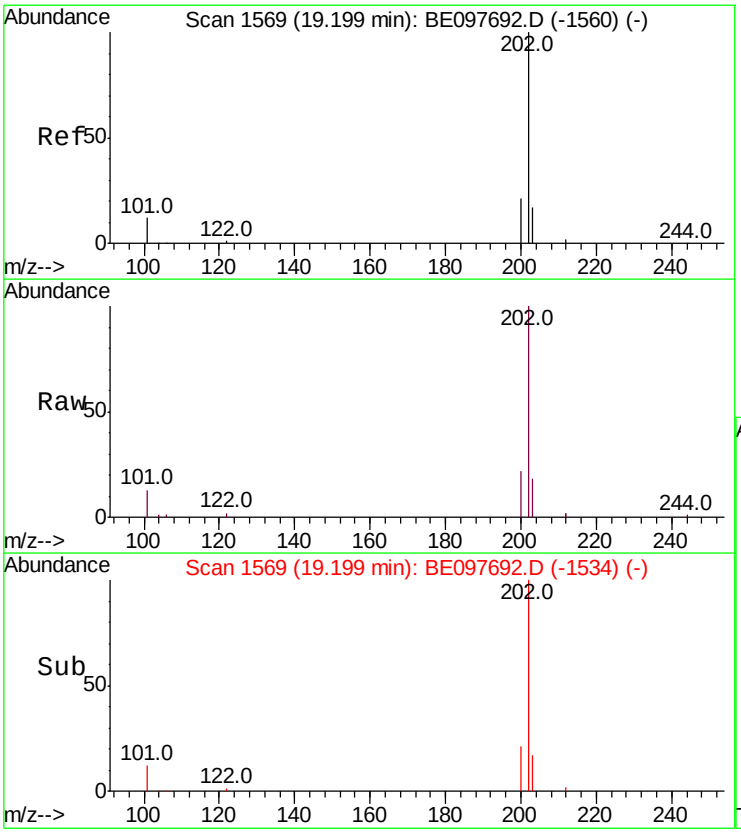
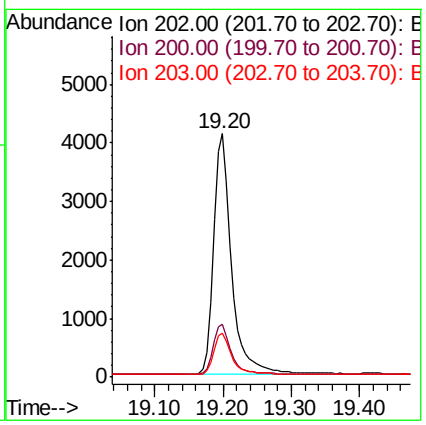
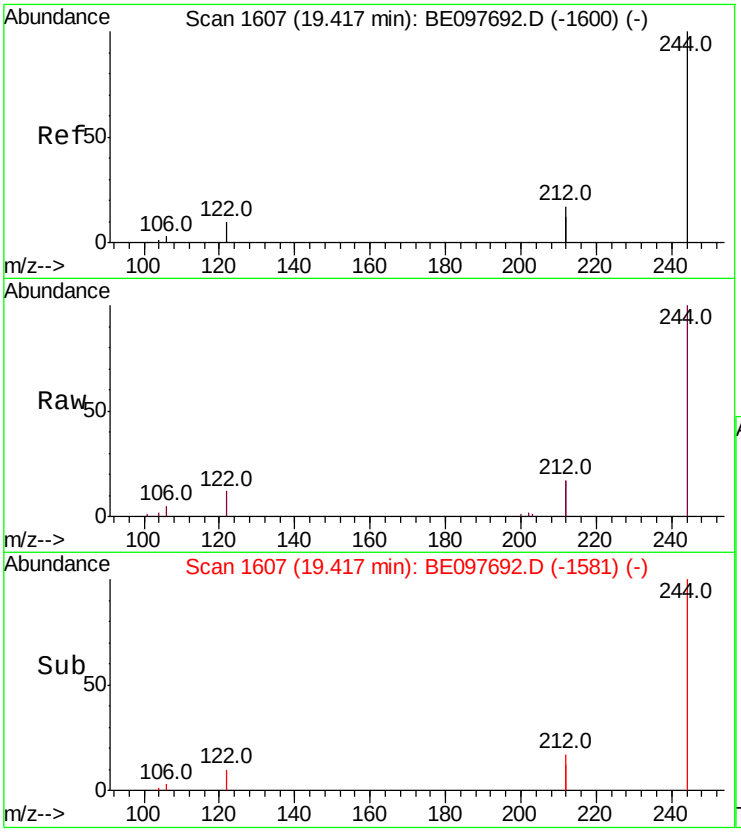



#28
Pyrene
Concen: 0.388 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:202 Resp: 7589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.6 | 25.0 |
| 203 | 17.2 | 13.8 | 20.8 |

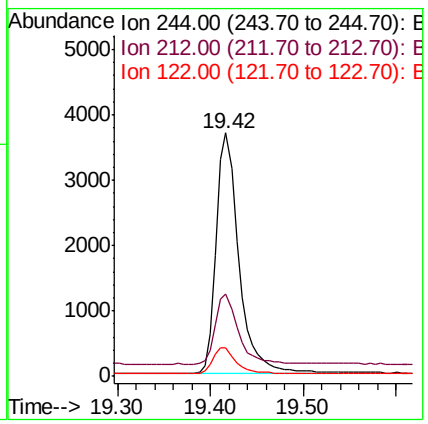





#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.42 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:244 Resp: 6229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.5 | 25.4 | 38.0 |
| 122 | 11.6 | 8.1 | 12.1 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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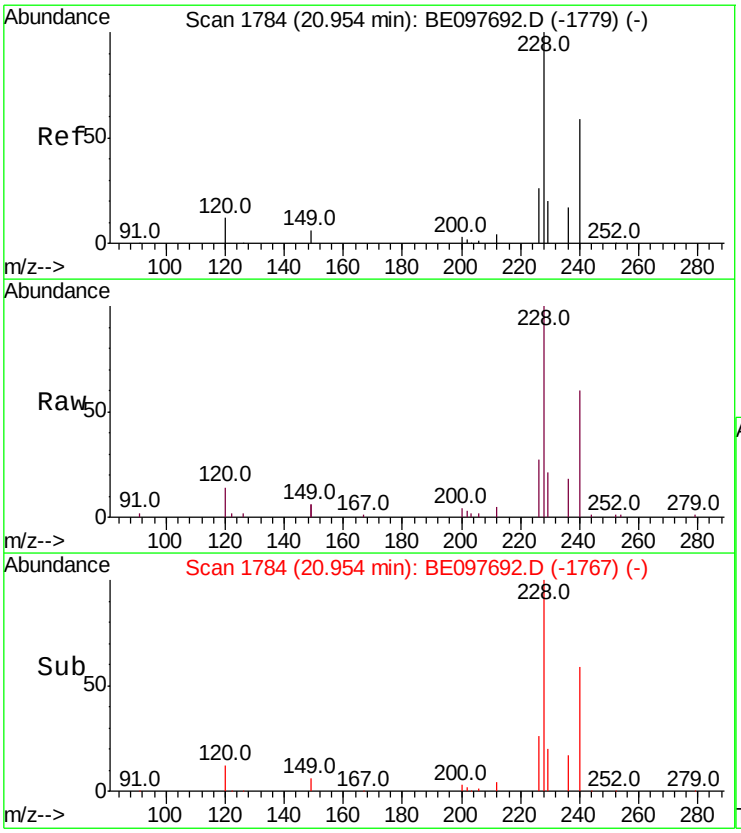
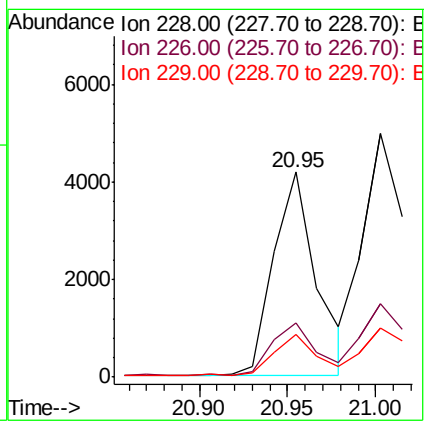
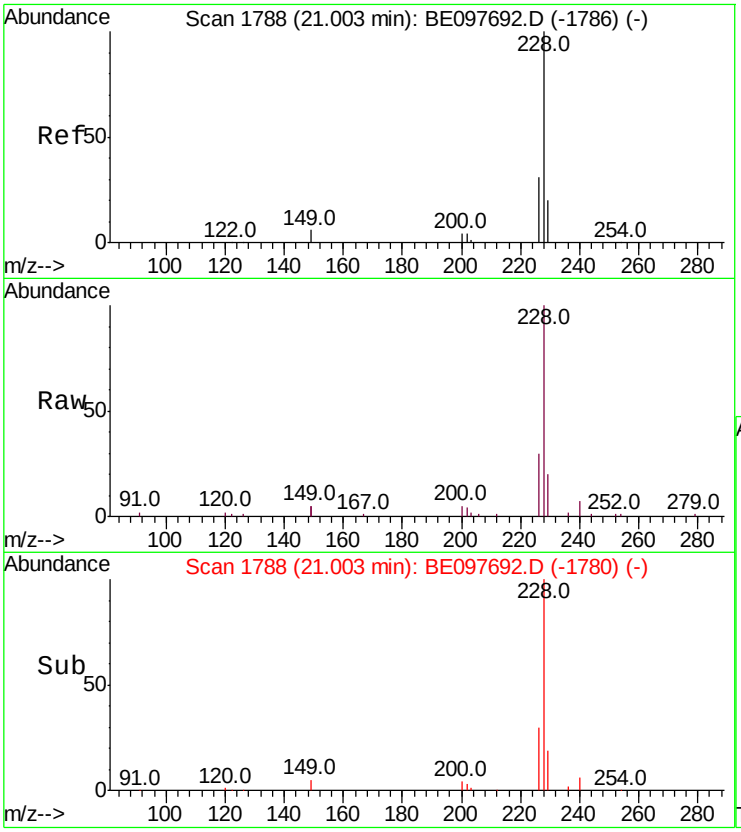



#30
Benzo(a)anthracene
Concen: 0.394 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:228 Resp: 6981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 24.0 | 36.0 |
| 229 | 21.0 | 16.0 | 24.0 |






#31
Chrysene
Concen: 0.435 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:228 Resp: 9021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.0 | 36.0 |
| 229 | 20.2 | 16.0 | 24.0 |

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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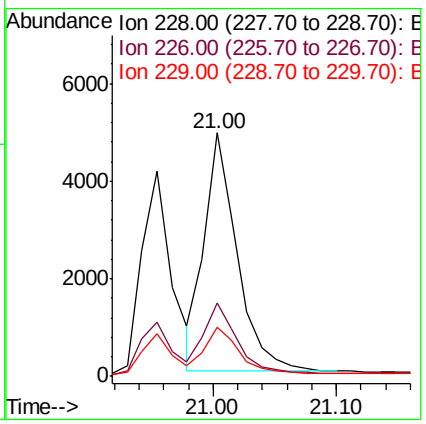
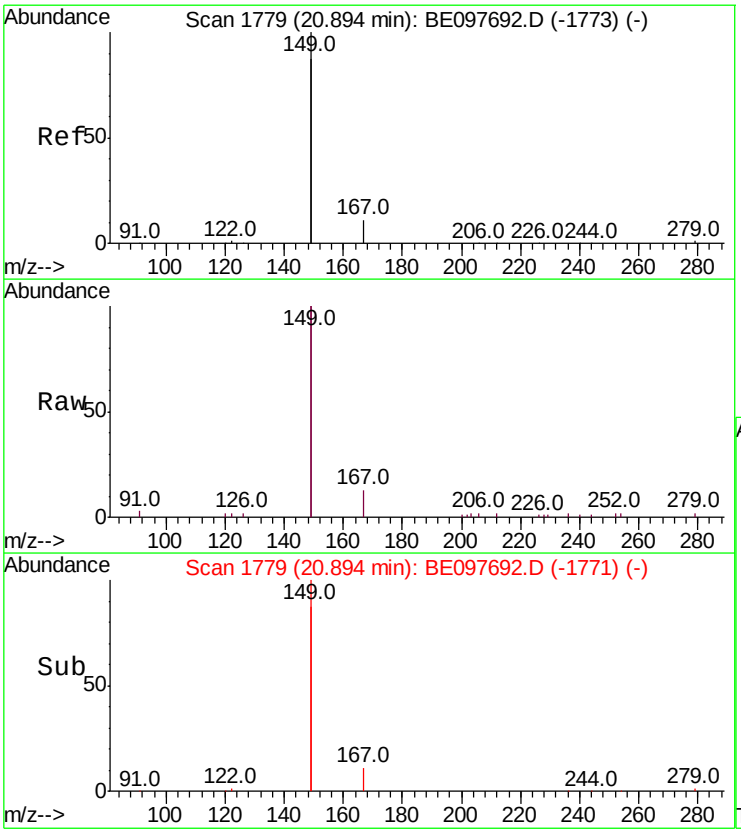
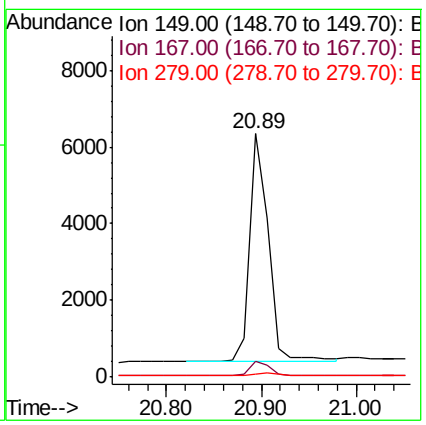


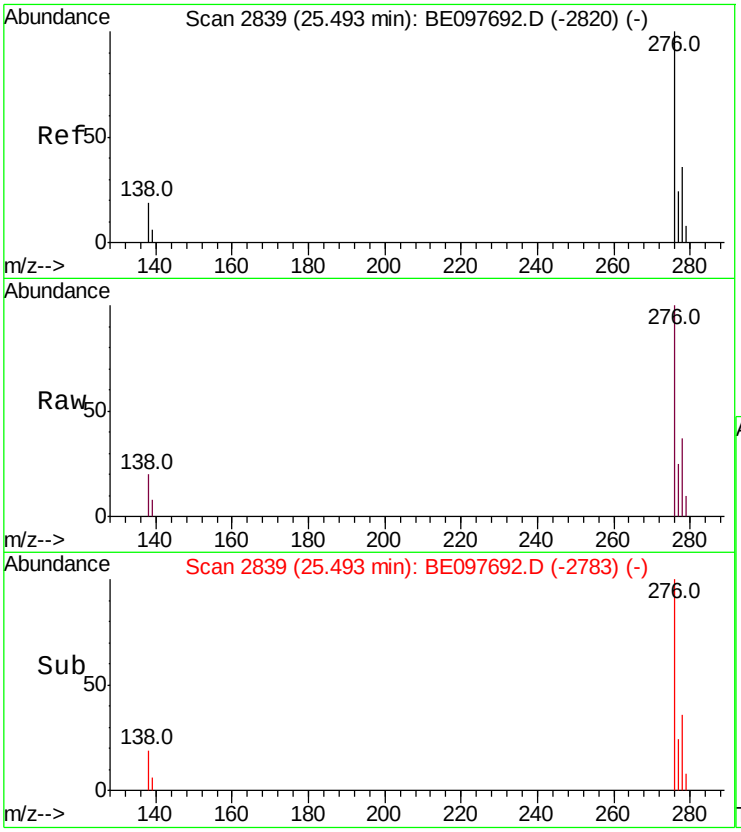




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.400 ng
RT: 20.89 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:149 Resp: 8092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.4 | 8.0 |
| 279 | 1.2 | 0.7 | 1.1# |






#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 25.49 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:276 Resp: 9355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.0 | 22.5 | 33.7# |
| 277 | 25.1 | 19.9 | 29.9 |

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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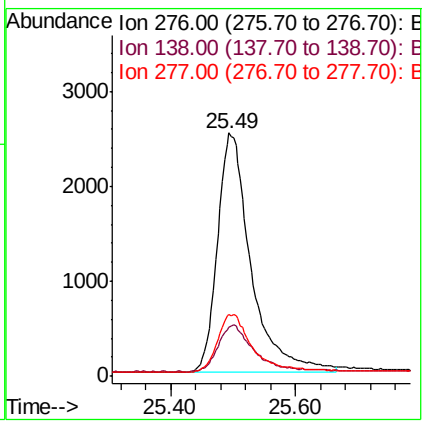
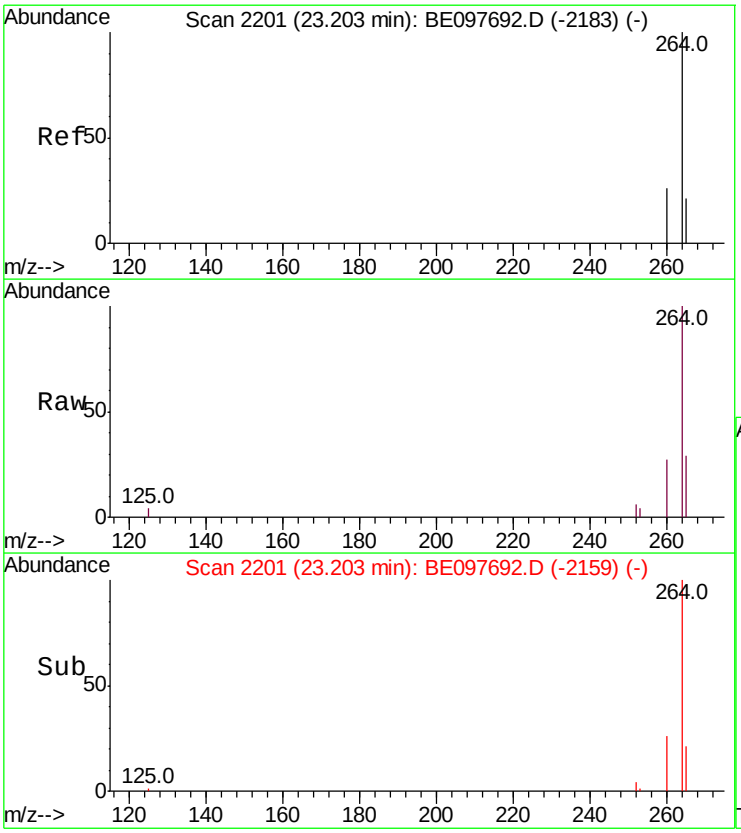
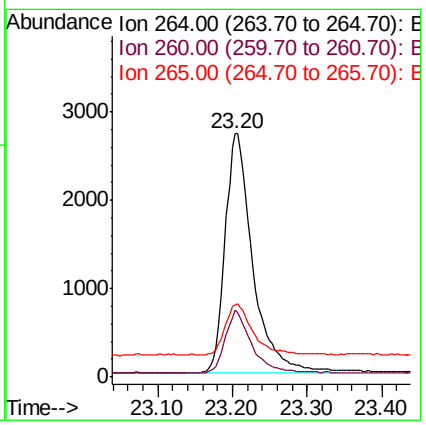


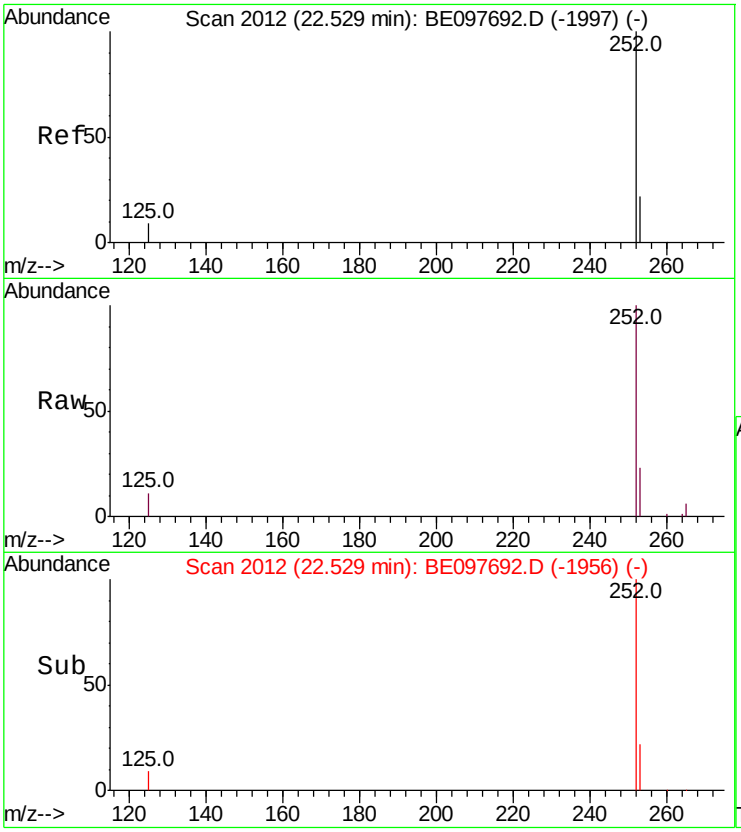




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:264 Resp: 6945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.4 | 20.5 | 30.7 |
| 265 | 29.5 | 22.8 | 34.2 |






#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.53 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:252 Resp: 7521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 20.0 | 30.0 |
| 125 | 10.5 | 16.0 | 24.0# |

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

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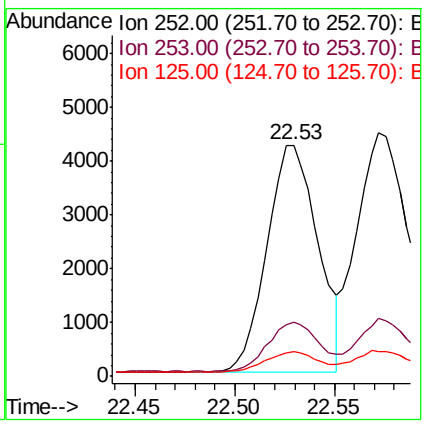
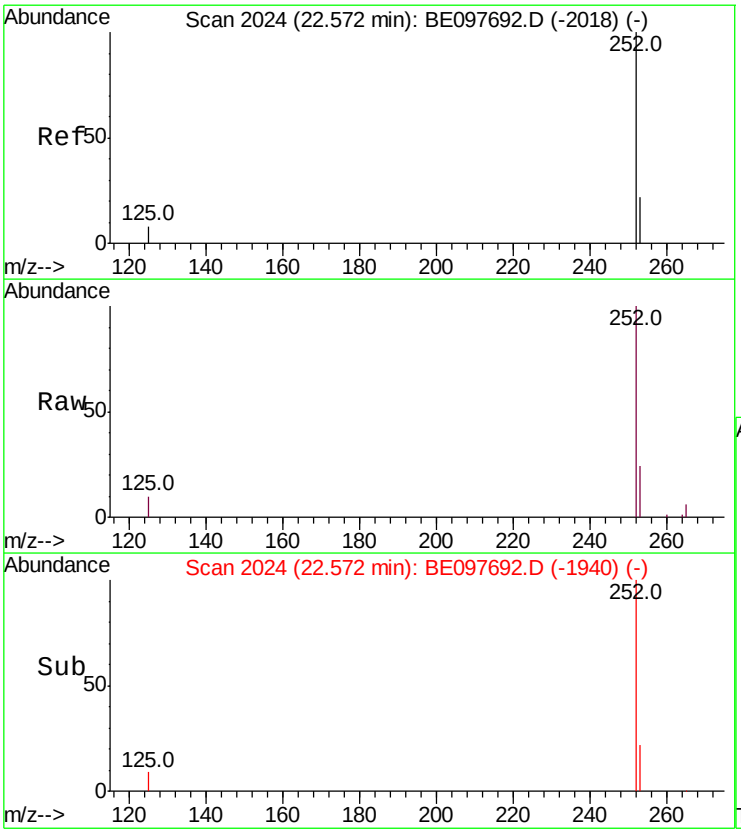
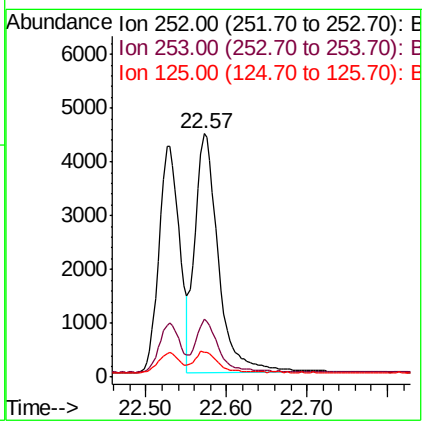


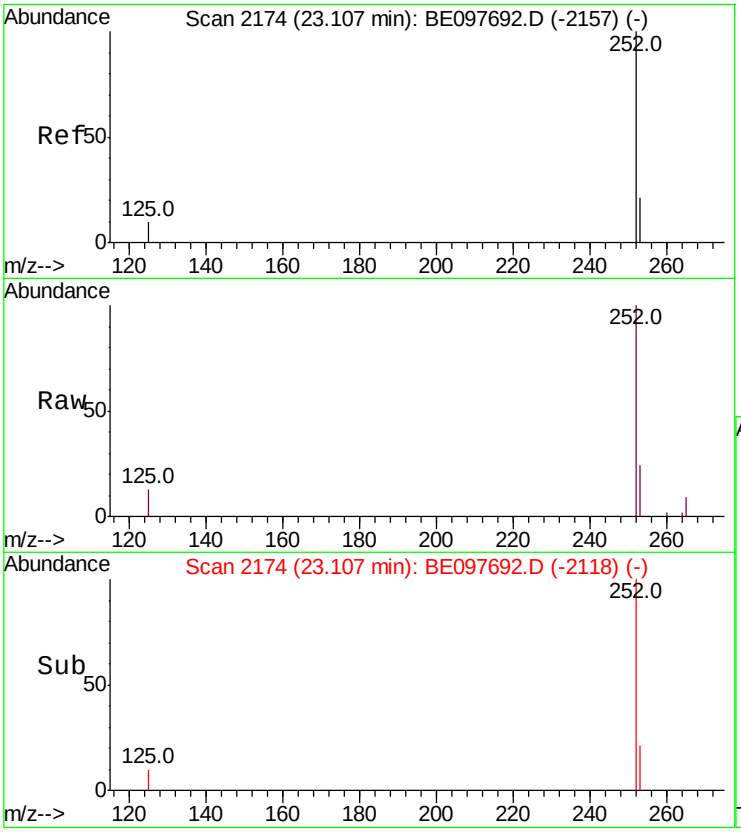




#36
Benzo(k)fluoranthene
Concen: 0.428 ng
RT: 22.57 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:252 Resp: 8996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 16.0 | 24.0 |
| 125 | 10.3 | 8.0 | 12.0 |






#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.11 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:252 Resp: 7153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 16.0 | 24.0# |
| 125 | 12.8 | 12.0 | 18.0 |

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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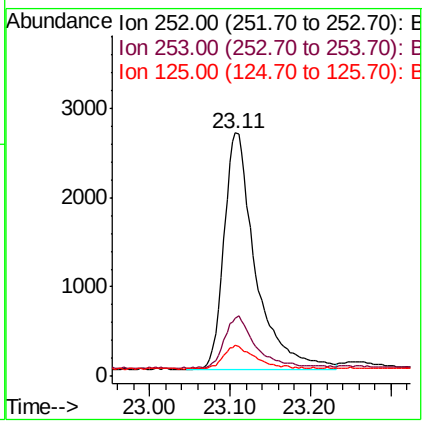
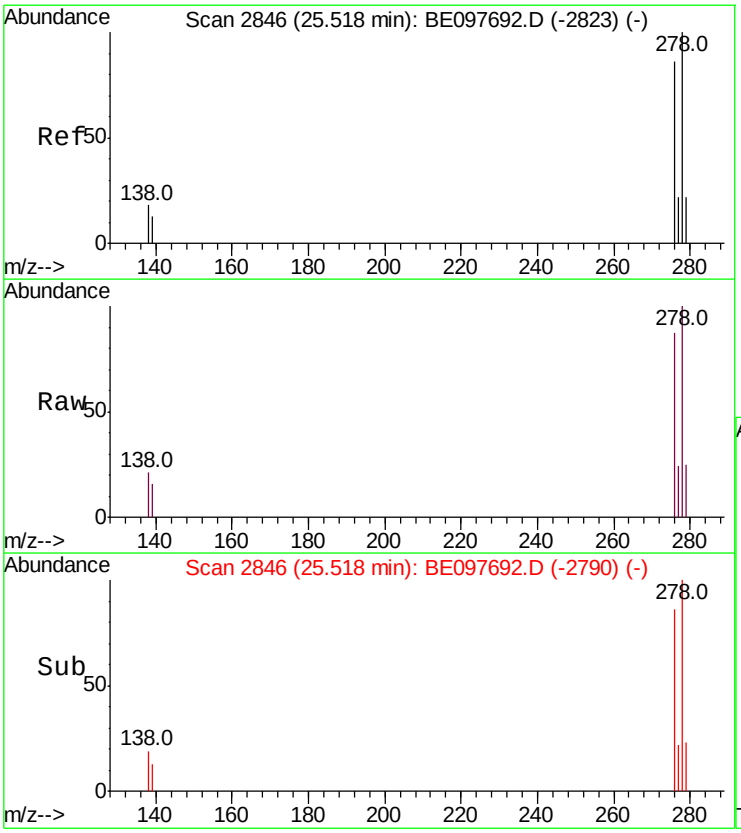
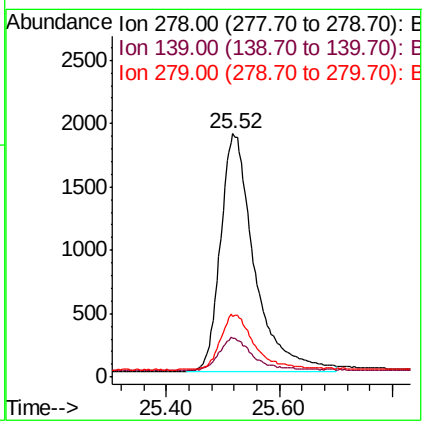


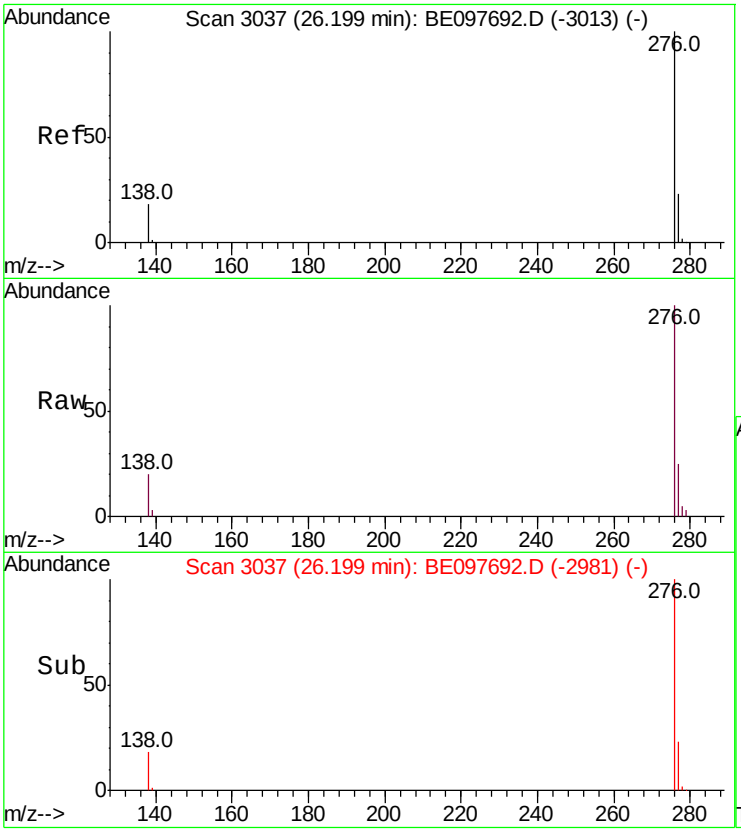




#38
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 25.52 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:278 Resp: 7778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 16.0 | 24.0# |
| 279 | 24.8 | 20.0 | 30.0 |

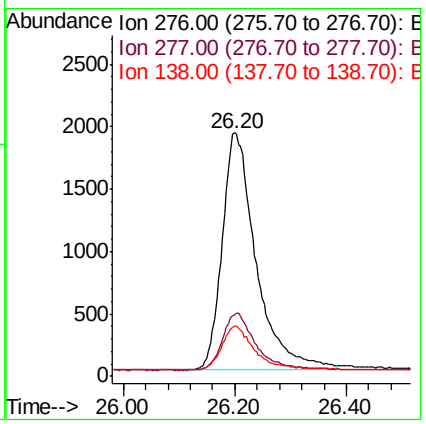





#39
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 26.20 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:276 Resp: 7997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.3 | 16.0 | 24.0# |
| 138 | 20.4 | 20.0 | 30.0 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
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9/28/2018 4:24:13 PM