

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\  
 Data File : BE092505.D  
 Acq On : 8 Nov 2016 12:44  
 Operator : UM/SJ  
 Sample : SSTDICC1.6  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

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 11/9/2016 10:58:49 AM

Quant Time: Nov 08 13:18:16 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 08 12:49:14 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.14  | 152  | 8280     | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8              | 10.93 | 136  | 40438    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.80 | 164  | 29130    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.56 | 188  | 67771    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12               | 21.72 | 240  | 92896    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12               | 24.09 | 264  | 87185    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.66  | 112  | 2955     | 2.35 | ng    | 0.00     |
| 5) Phenol-d6                   | 7.34  | 99   | 3849     | 2.19 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.32  | 82   | 4570     | 2.01 | ng    | -0.02    |
| 13) 2,4,6-Tribromophenol       | 16.30 | 330  | 1376     | 2.41 | ng    | -0.01    |
| 14) 2-Fluorobiphenyl           | 13.42 | 172  | 12111    | 1.71 | ng    | -0.01    |
| 26) Terphenyl-d14              | 20.16 | 244  | 19833    | 1.73 | ng    | -0.02    |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.39  | 88   | 1751     | 1.62 | ng    | 99       |
| 3) n-Nitrosodimethylamine      | 3.74  | 42   | 2232     | 2.25 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether     | 7.57  | 93   | 4239     | 2.05 | ng    | 89       |
| 9) Naphthalene                 | 10.97 | 128  | 13751    | 1.57 | ng    | # 96     |
| 10) Hexachlorobutadiene        | 11.26 | 225  | 2122     | 1.58 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.61 | 142  | 9734m    | 1.72 | ng    |          |
| 15) Acenaphthylene             | 14.51 | 152  | 69559    | 1.67 | ng    | 100      |
| 16) Acenaphthene               | 14.87 | 154  | 10823    | 1.63 | ng    | 97       |
| 17) Fluorene                   | 15.84 | 166  | 14115    | 1.77 | ng    | 98       |
| 19) Hexachlorobenzene          | 16.86 | 284  | 4209     | 1.39 | ng    | 93       |
| 20) Pentachlorophenol          | 17.23 | 266  | 1259     | 2.38 | ng    | 91       |
| 21) Phenanthrene               | 17.60 | 178  | 23956    | 1.37 | ng    | # 74     |
| 22) Anthracene                 | 17.69 | 178  | 22669    | 1.44 | ng    | 99       |
| 23) Fluoranthene               | 19.59 | 202  | 120860   | 1.74 | ng    | 99       |
| 25) Pyrene                     | 19.95 | 202  | 129256   | 1.60 | ng    | 100      |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 154255m  | 1.79 | ng    |          |
| 28) Chrysene                   | 21.77 | 228  | 136560m  | 1.51 | ng    |          |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 12614    | 1.76 | ng    | # 69     |
| 30) Indeno(1,2,3-cd)pyrene     | 26.57 | 276  | 163382   | 2.05 | ng    | 99       |
| 32) Benzo(b)fluoranthene       | 23.35 | 252  | 38534    | 1.77 | ng    | 95       |
| 33) Benzo(k)fluoranthene       | 23.39 | 252  | 42991    | 2.00 | ng    | 93       |
| 34) Benzo(a)pyrene             | 23.97 | 252  | 34093    | 1.74 | ng    | # 95     |
| 35) Dibenzo(a,h)anthracene     | 26.58 | 278  | 33147    | 1.81 | ng    | 96       |
| 36) Benzo(g,h,i)perylene       | 27.33 | 276  | 137344   | 1.73 | ng    | 96       |

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

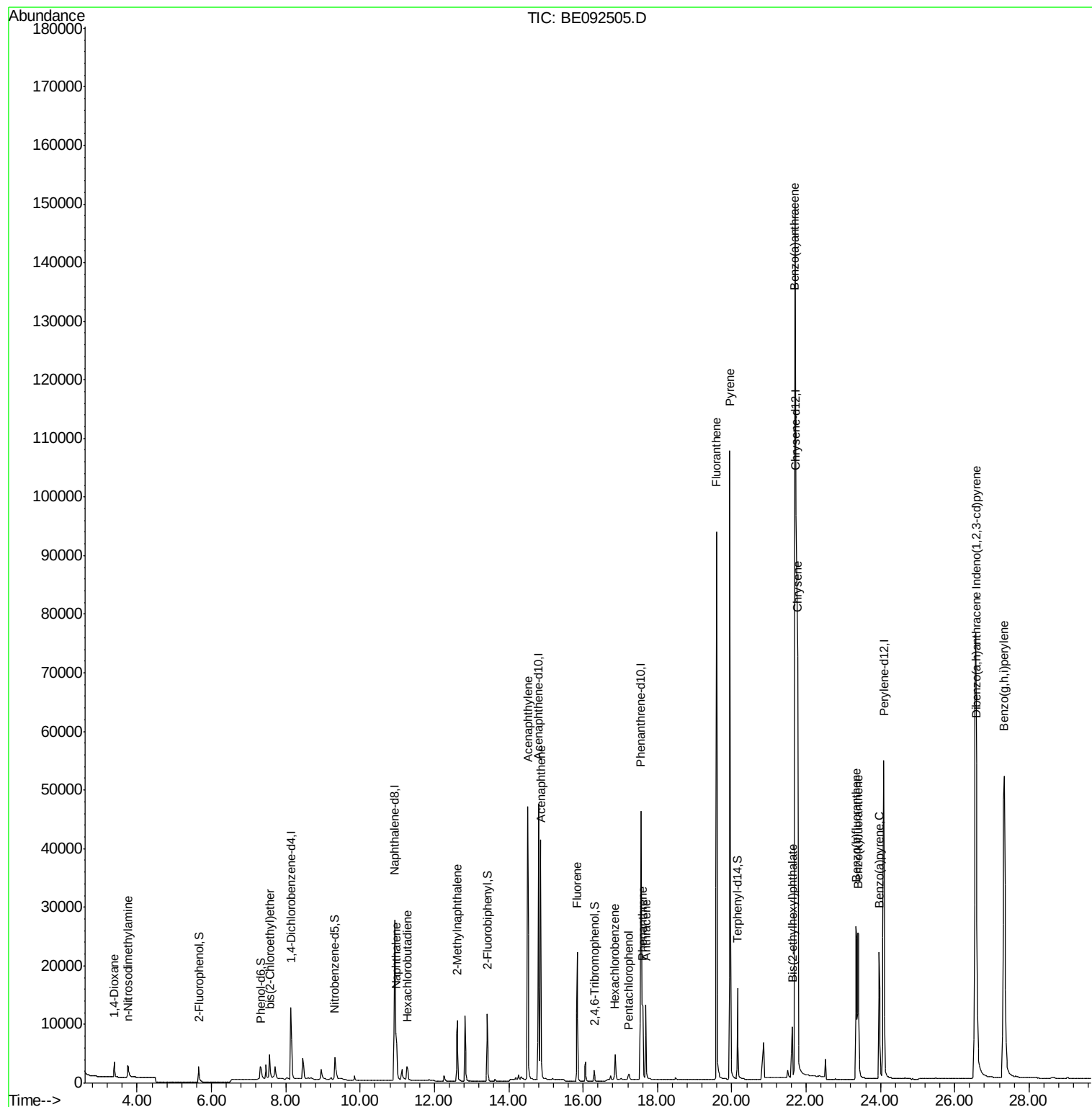
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\  
Data File : BE092505.D  
Acq On : 8 Nov 2016 12:44  
Operator : UM/SJ  
Sample : SSTDICC1.6  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

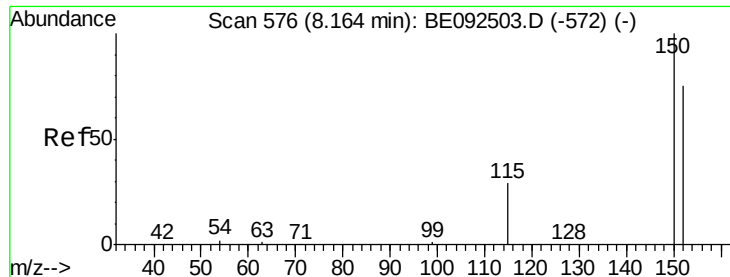
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 08 12:49:14 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

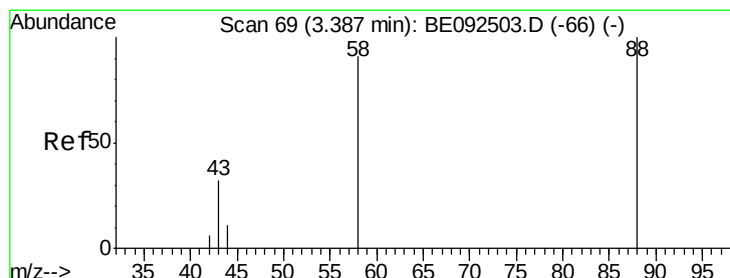
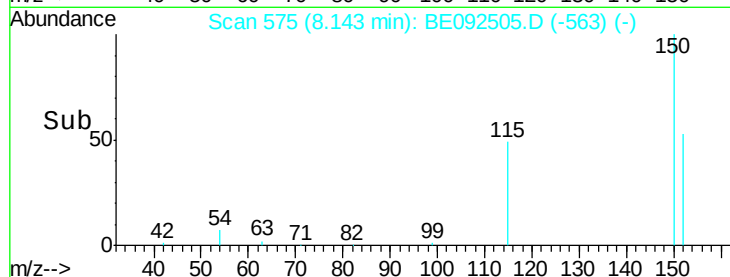
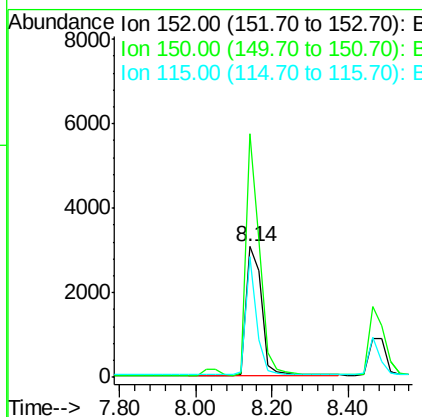
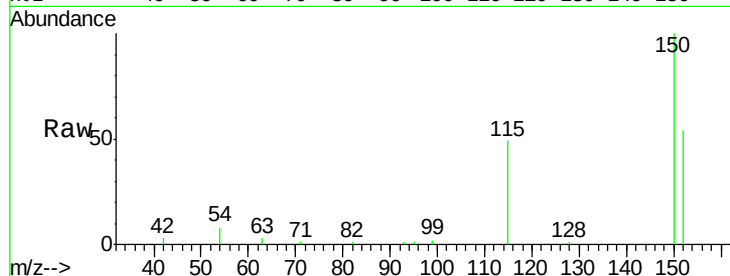
ClientSampleId :

SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 150     | 186.5 | 106.0 | 159.0# |
| 115     | 92.3  | 31.2  | 46.8#  |

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#2

1,4-Dioxane

Concen: 1.62 ng

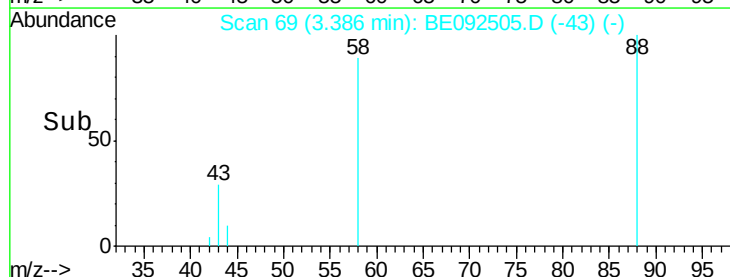
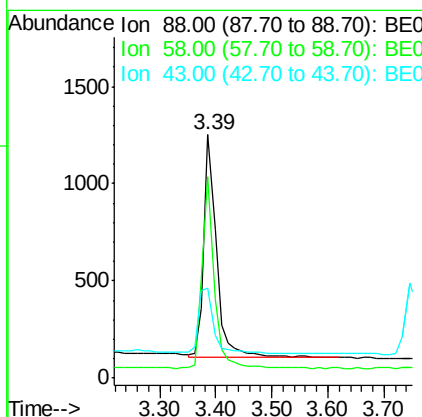
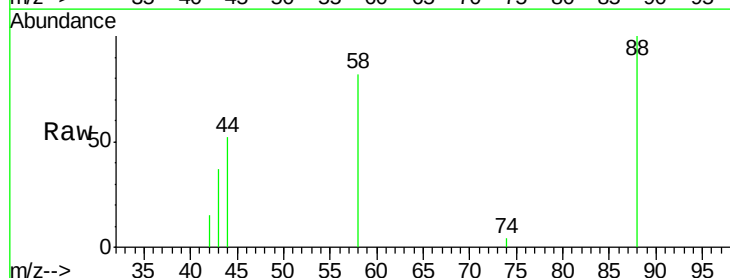
RT: 3.39 min Scan# 69

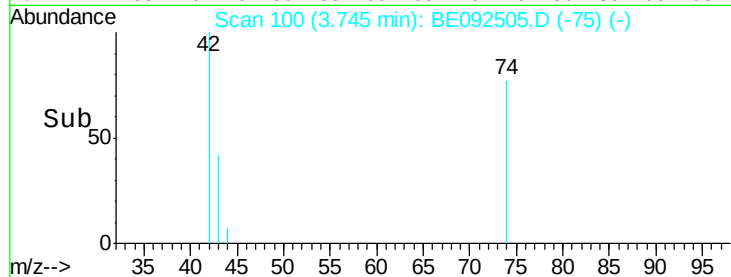
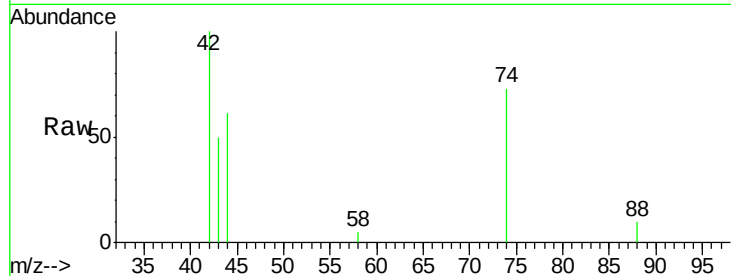
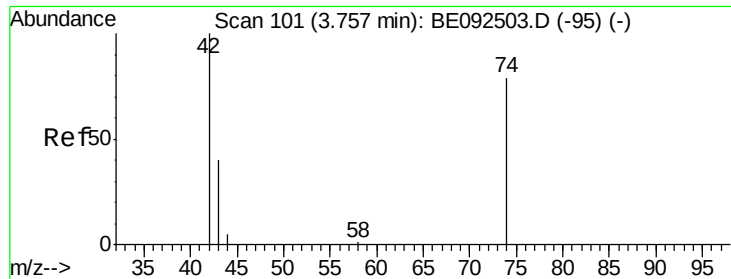
Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.9  | 63.6  | 95.4  |
| 43      | 34.6  | 28.0  | 42.0  |





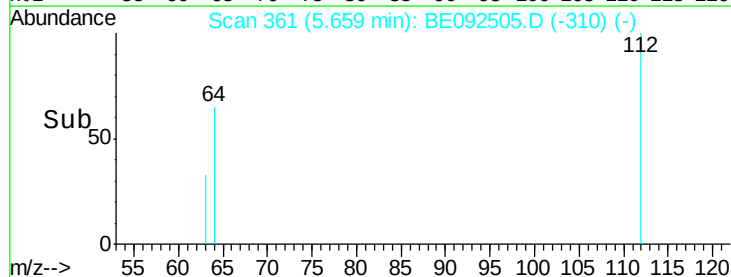
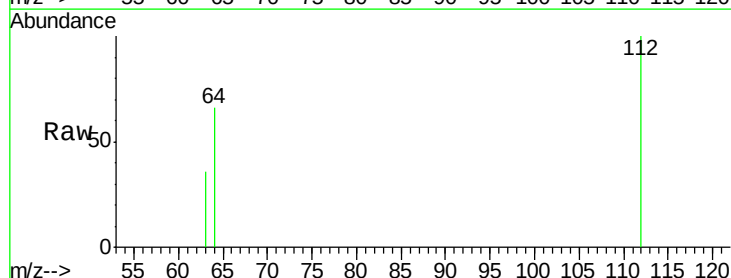
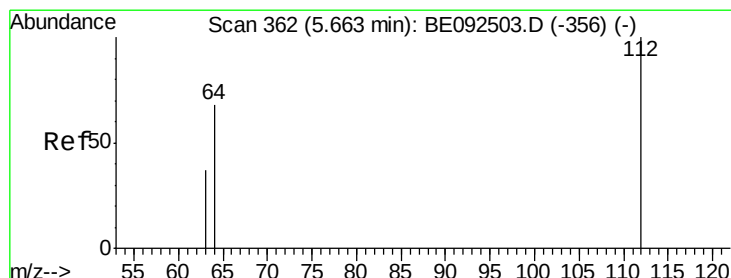
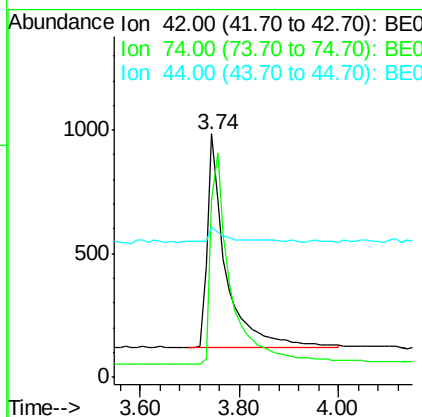
#3  
n-Nitrosodimethylamine  
Concen: 2.25 ng  
RT: 3.74 min Scan# 100  
Delta R.T. -0.01 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 42    | Resp: | 2232  |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 109.6 | 86.0  | 129.0 |
| 44        | 5.2   | 5.1   | 7.7   |

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

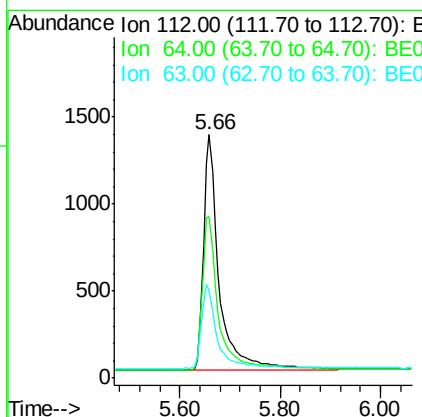
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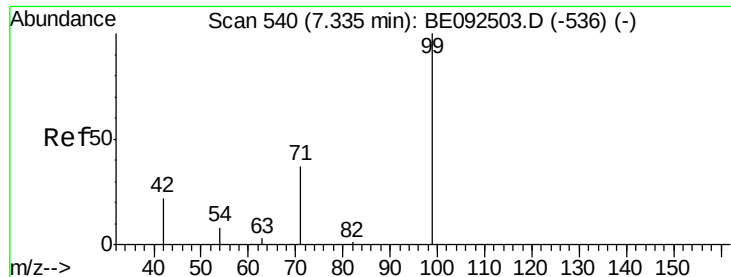
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#4  
2-Fluorophenol  
Concen: 2.35 ng  
RT: 5.66 min Scan# 361  
Delta R.T. -0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 112   | Resp: | 2955 |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 64        | 66.1  | 53.5  | 80.3 |
| 63        | 35.2  | 27.9  | 41.9 |





#5

Phenol-d6

Concen: 2.19 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

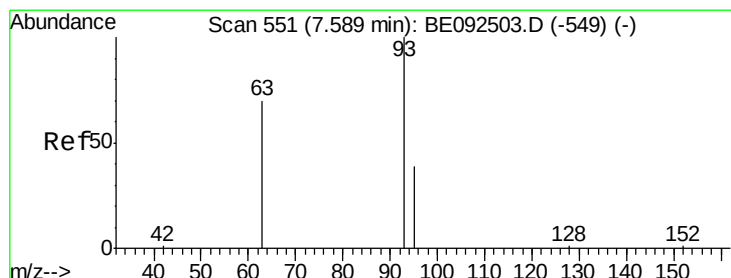
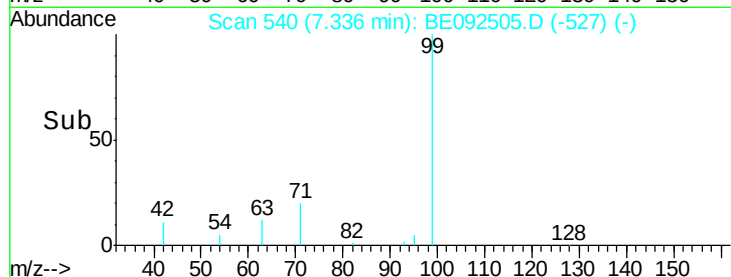
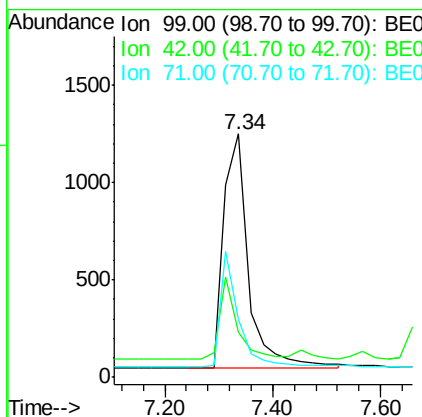
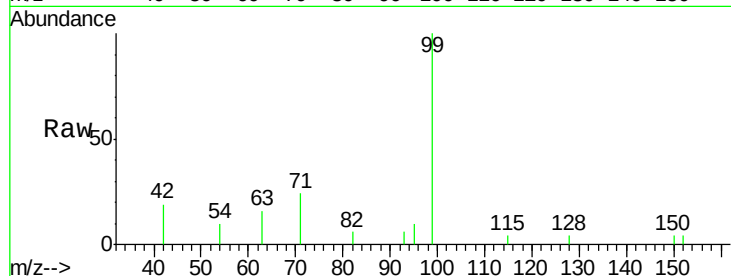
ClientSampleId :

SSTDICC1.6

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 3849  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 16.0  | 24.0# |
| 71       | 0.0   | 30.6  | 45.8# |

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#6

bis(2-Chloroethyl)ether

Concen: 2.05 ng

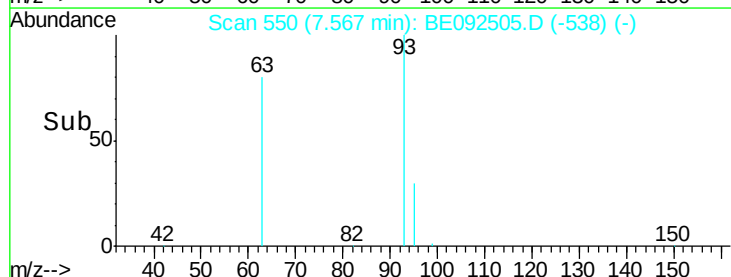
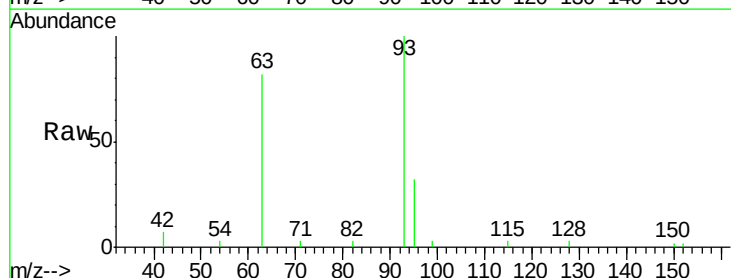
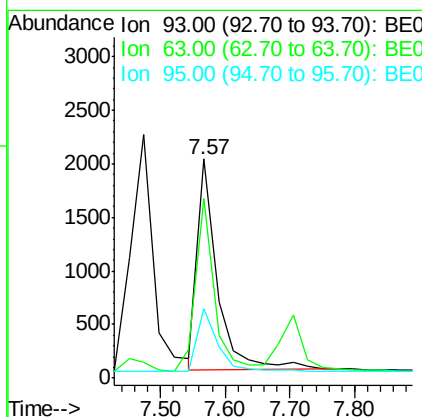
RT: 7.57 min Scan# 550

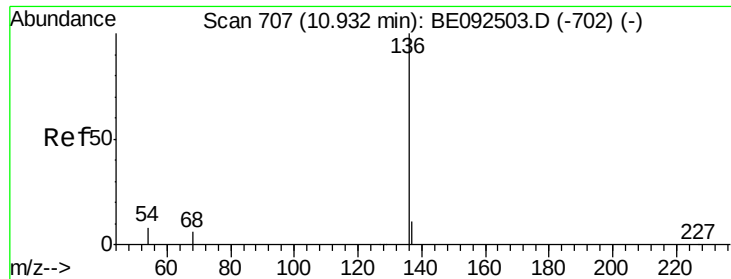
Delta R.T. -0.02 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 4239  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 77.0  | 71.6  | 107.4 |
| 95       | 32.1  | 24.0  | 36.0  |





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

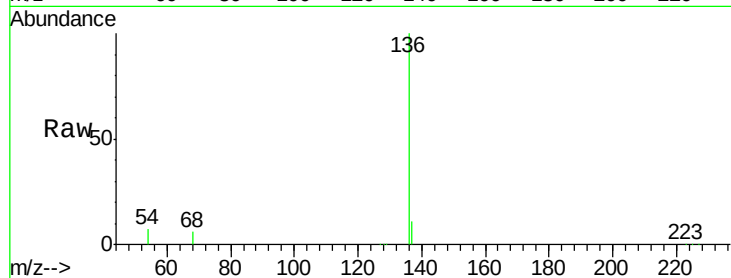
ClientSampleId :

SSTDICC1.6

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 8.2  | 12.4  |       |
| 54      | 7.5   | 9.6  | 14.4  |       |
| 68      | 5.7   | 6.7  | 10.1  |       |

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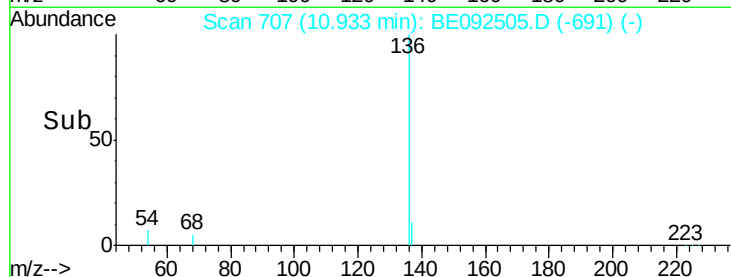
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

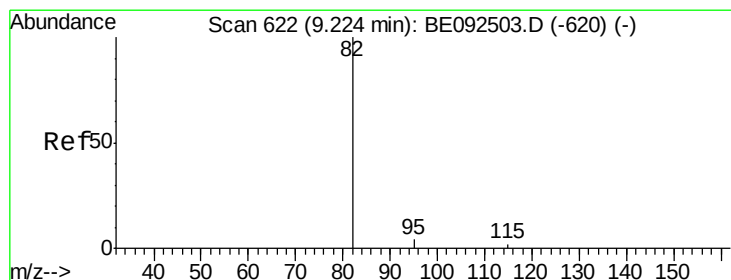
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 2.01 ng

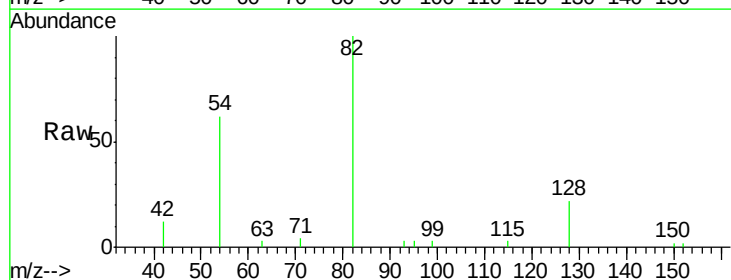
RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 21.5  | 39.0 | 58.4  |       |
| 54      | 62.4  | 44.8 | 67.2  |       |

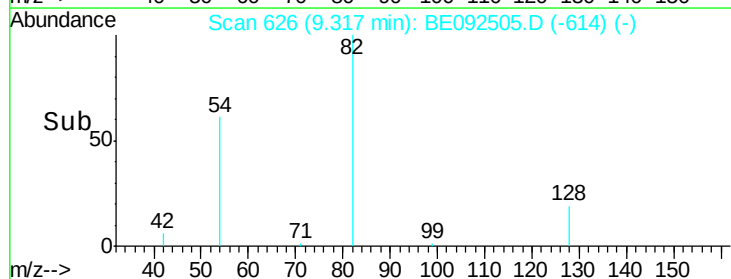


Abundance Ion 82.00 (81.70 to 82.70): BE0

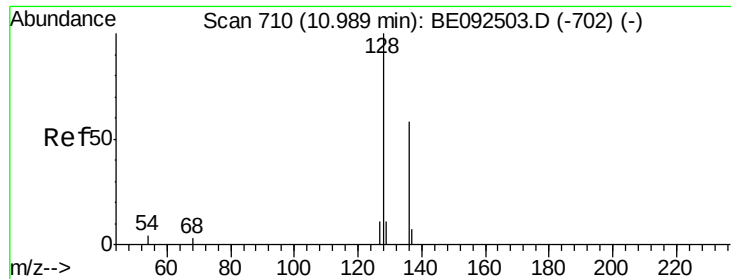
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 1.57 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

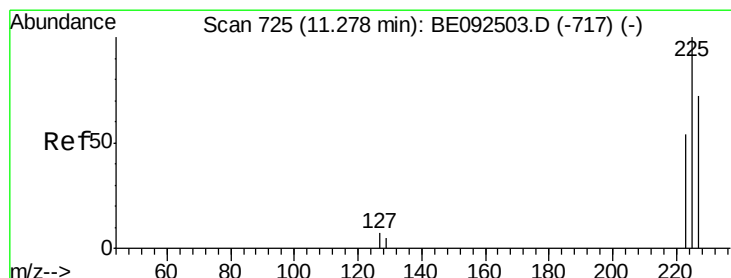
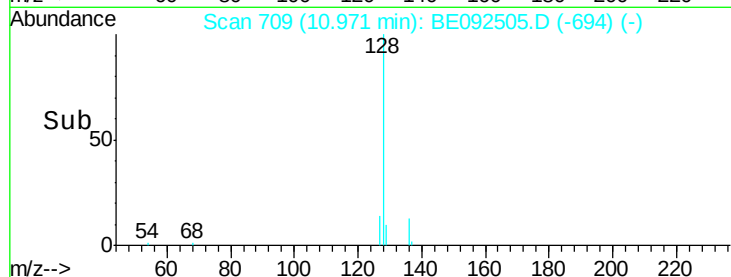
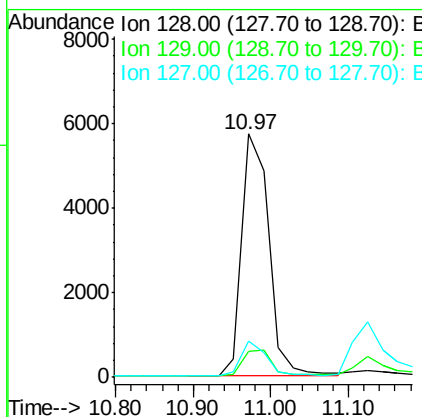
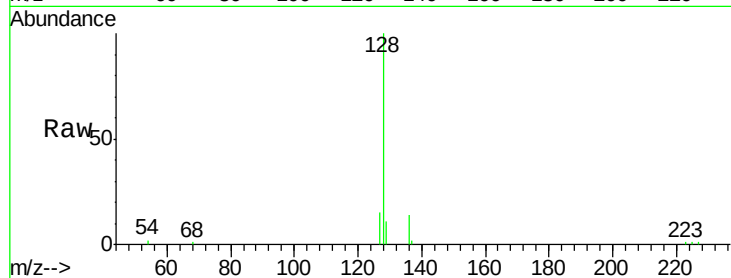
ClientSampleId :

SSTDICC1.6

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 13751 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 10.8  | 11.2  | 16.8# |
| 127       | 14.9  | 11.6  | 17.4  |

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#10

Hexachlorobutadiene

Concen: 1.58 ng

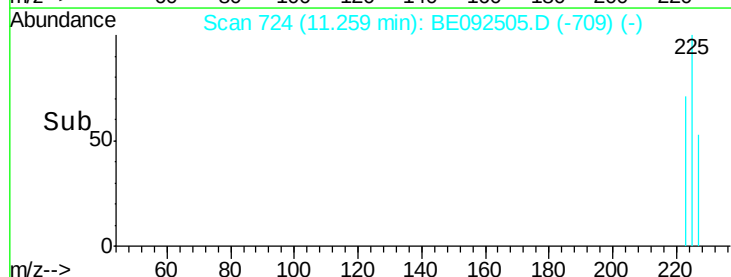
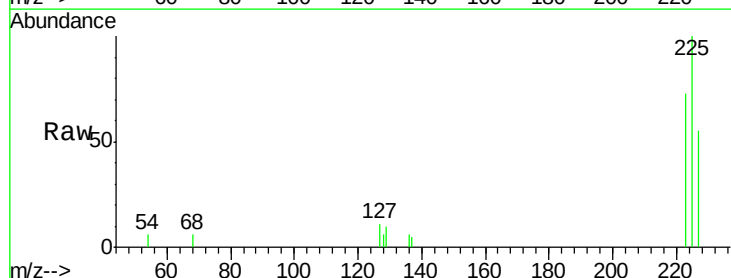
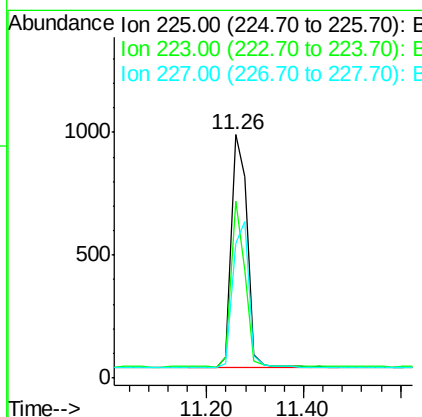
RT: 11.26 min Scan# 724

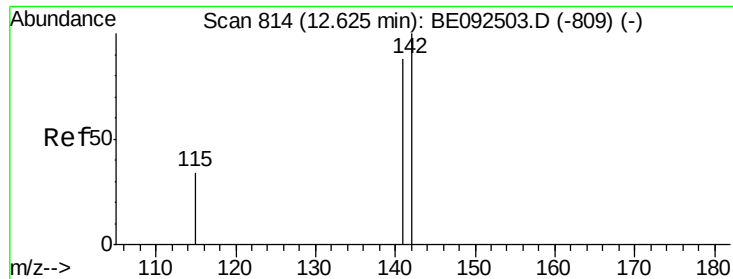
Delta R.T. -0.02 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2122 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 61.9  | 50.6  | 76.0 |
| 227       | 63.9  | 51.4  | 77.0 |





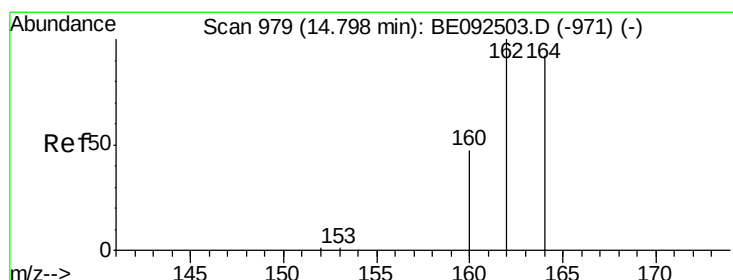
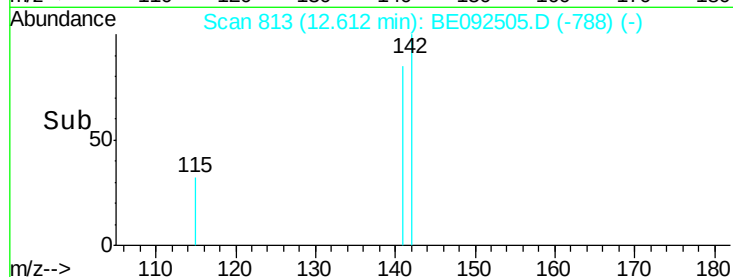
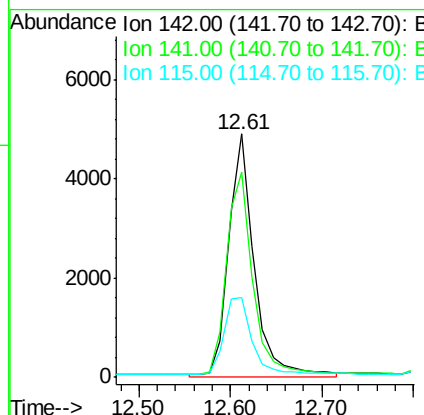
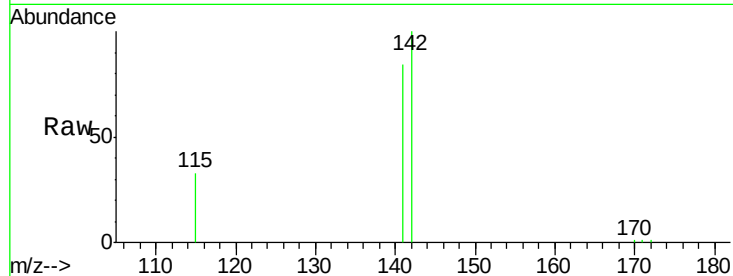
#11  
2-Methylnaphthalene  
Concen: 1.72 ng m  
RT: 12.61 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

Tot Ion:142 Resp: 9734  
Ion Ratio Lower Upper  
142 100  
141 84.2 73.7 110.5  
115 32.5 34.0 51.0#

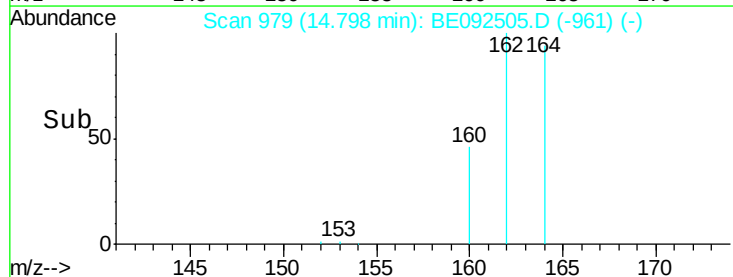
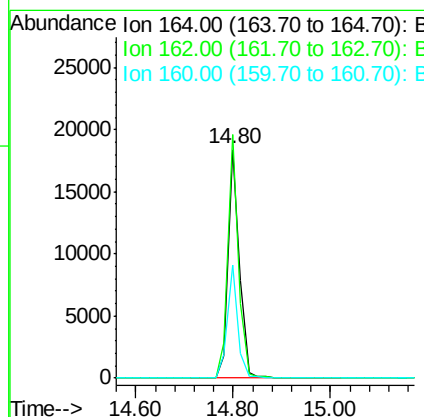
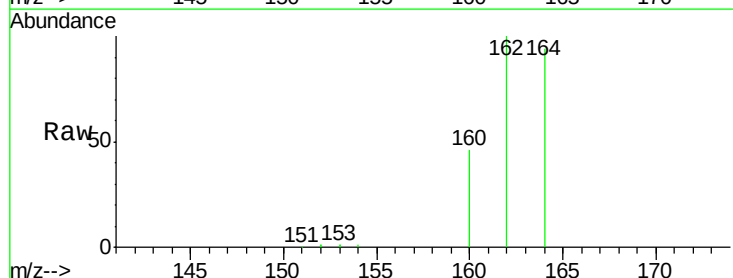
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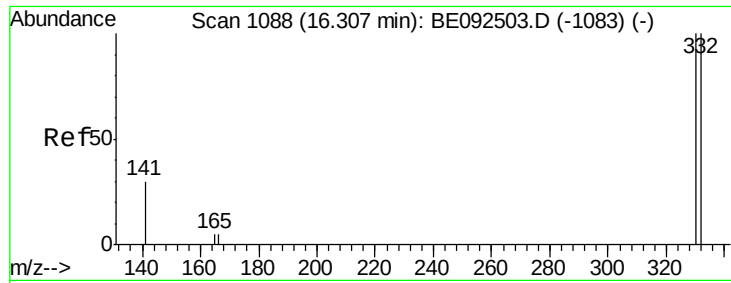


#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.80 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Tgt Ion:164 Resp: 29130  
Ion Ratio Lower Upper  
164 100  
162 106.7 71.4 107.0  
160 49.6 27.4 41.2#







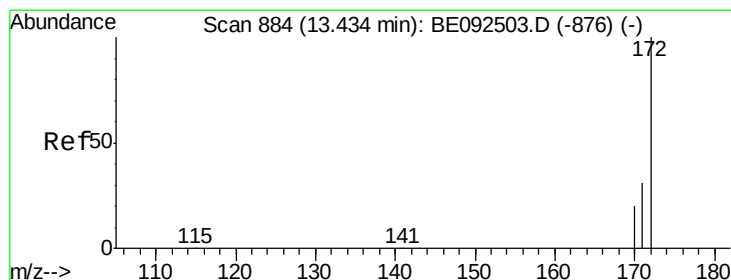
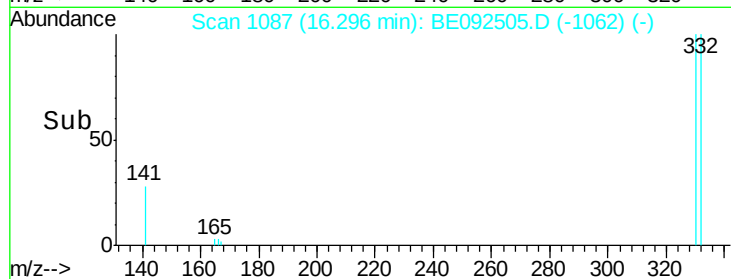
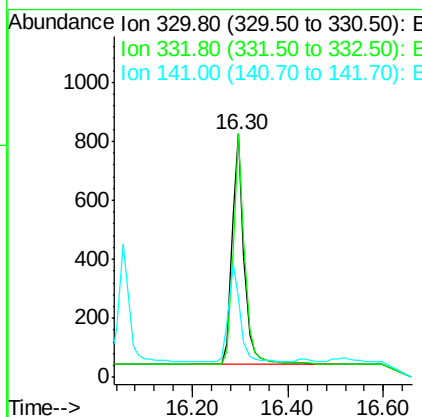
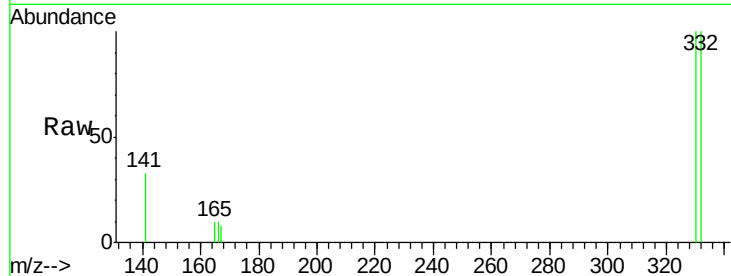
#13  
 2,4,6-Tribromophenol  
 Concen: 2.41 ng  
 RT: 16.30 min Scan# 1087  
 Delta R.T. -0.01 min  
 Lab File: BE092505.D  
 Acq: 8 Nov 2016 12:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 75.4  | 113.0 |
| 141     | 41.4  | 31.0  | 46.6  |

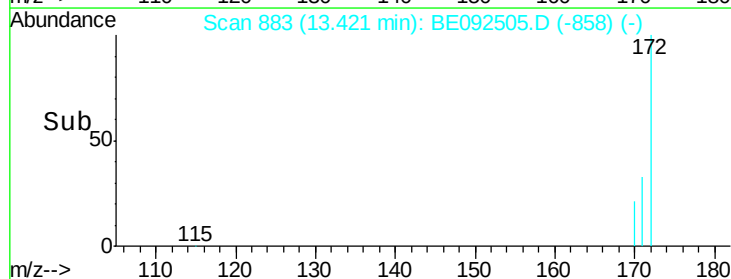
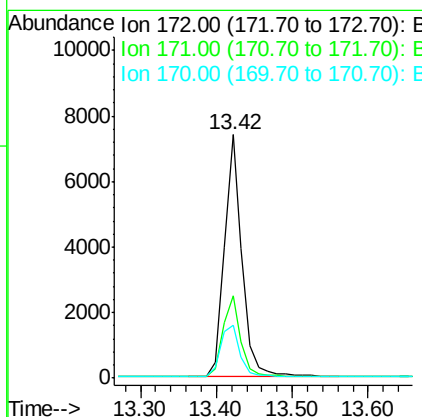
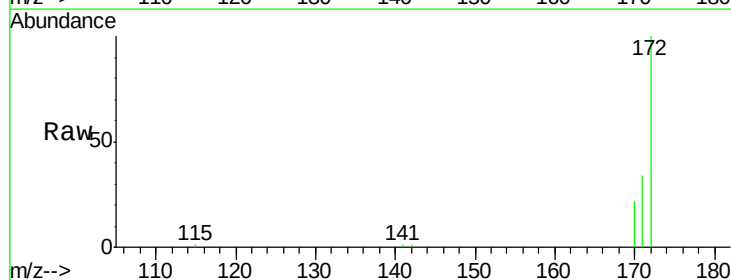
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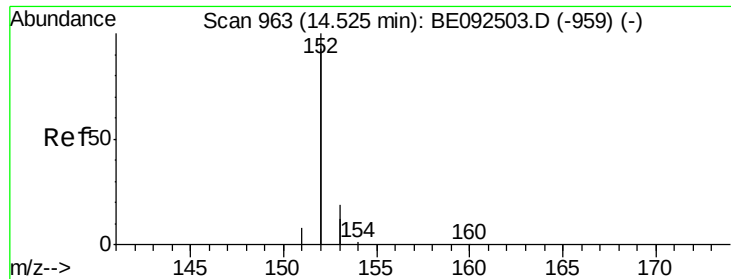
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#14  
 2-Fluorobiphenyl  
 Concen: 1.71 ng  
 RT: 13.42 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BE092505.D  
 Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.8  | 30.1  | 45.1  |
| 170     | 21.7  | 21.8  | 32.6# |





#15

Acenaphthylene

Concen: 1.67 ng

RT: 14.51 min Scan# 962

Delta R.T. -0.02 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

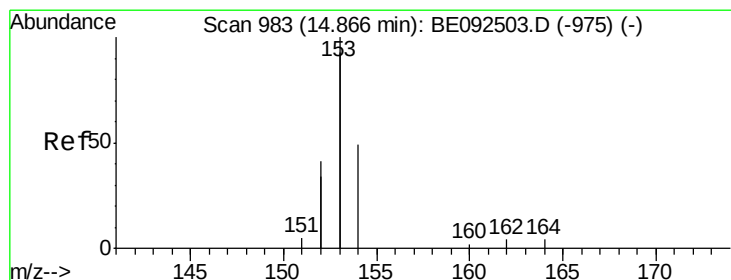
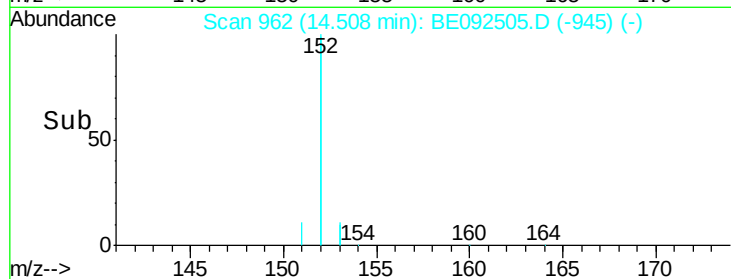
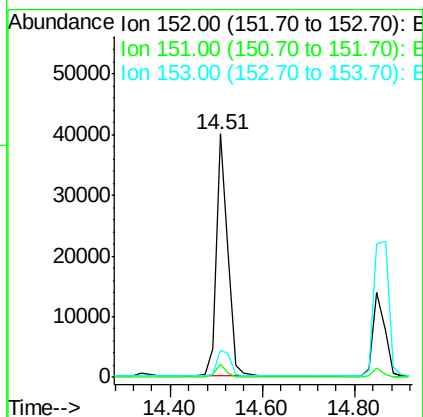
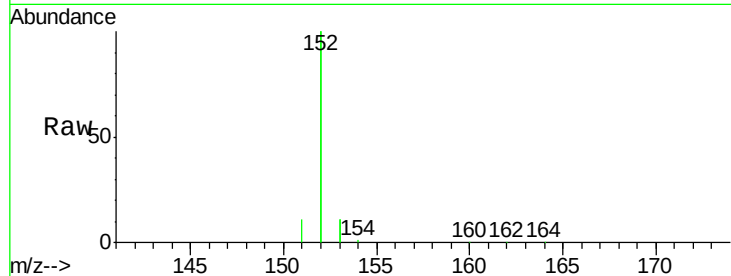
ClientSampleId :

SSTDICC1.6

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 69559 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 4.9   | 3.9   | 5.9   |
| 153       | 13.1  | 10.4  | 15.6  |

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#16

Acenaphthene

Concen: 1.63 ng

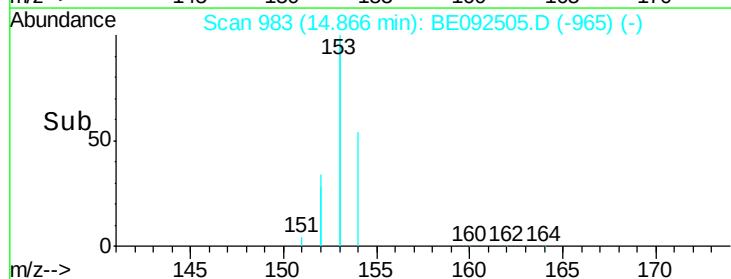
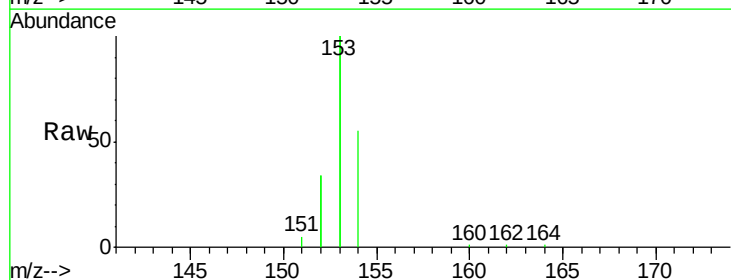
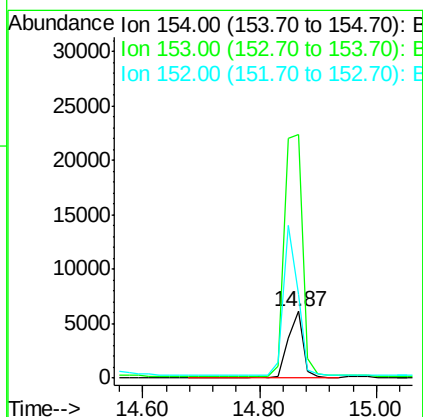
RT: 14.87 min Scan# 983

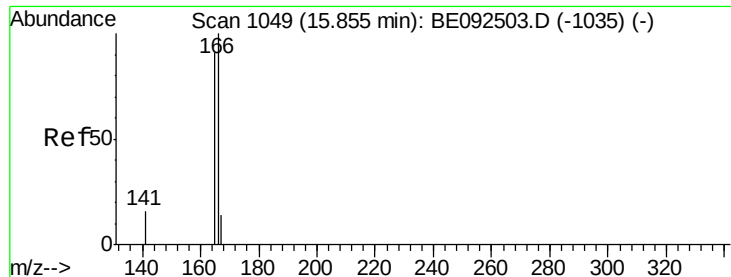
Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 10823 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 444.6 | 350.8 | 526.2 |
| 152       | 219.1 | 171.1 | 256.7 |





#17

Fluorene

Concen: 1.77 ng

RT: 15.84 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

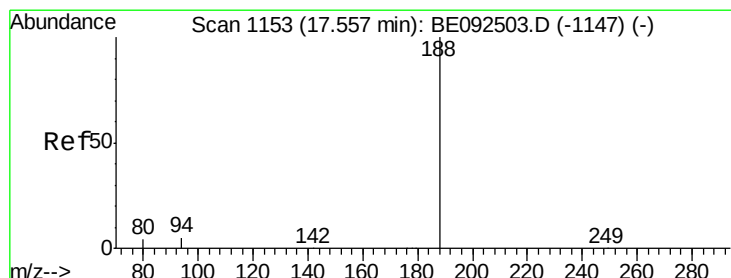
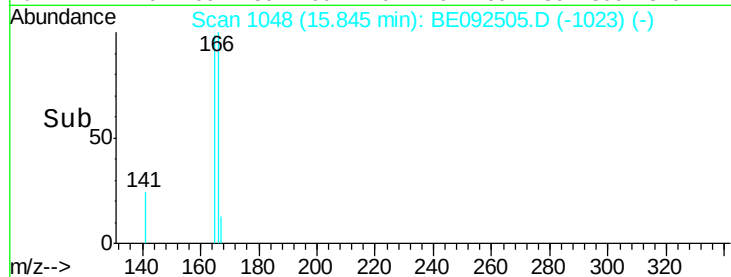
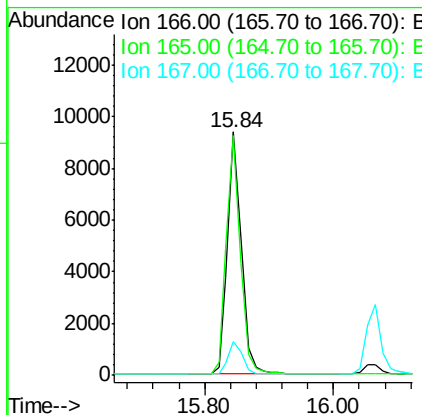
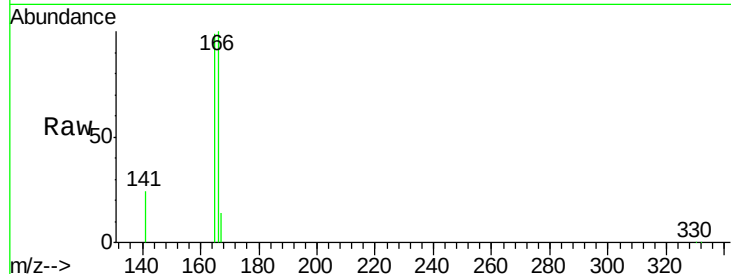
ClientSampleId :

SSTDICC1.6

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 166   | Resp: | 14115 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 99.5  | 78.2  | 117.4 |
| 167       | 13.6  | 11.0  | 16.4  |

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#18

Phenanthrene-d10

Concen: 5.00 ng

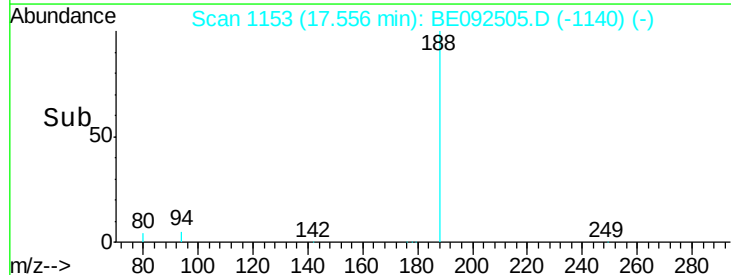
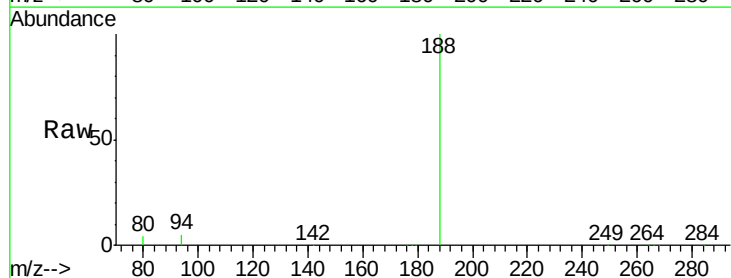
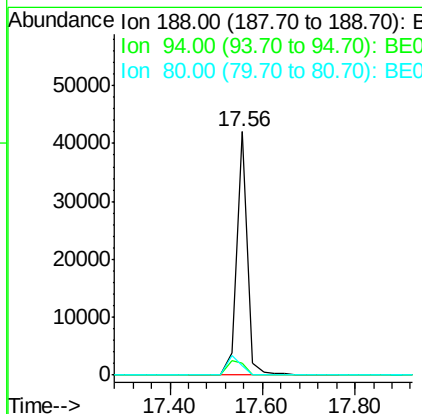
RT: 17.56 min Scan# 1153

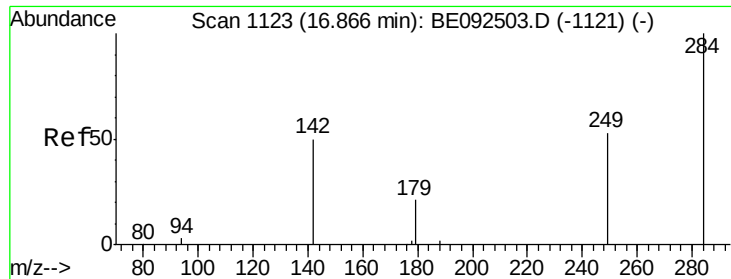
Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 67771 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 4.8   | 3.2   | 4.8#  |
| 80        | 4.1   | 2.6   | 3.8#  |





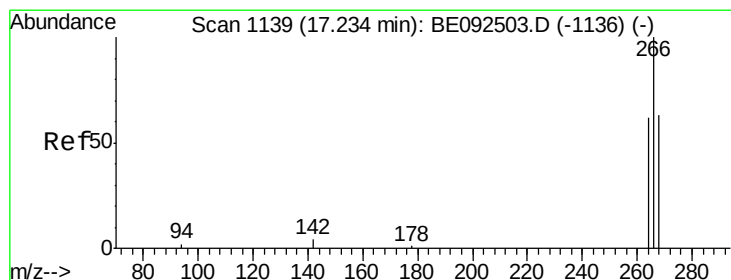
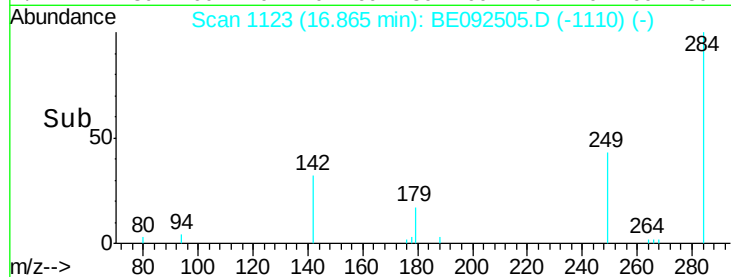
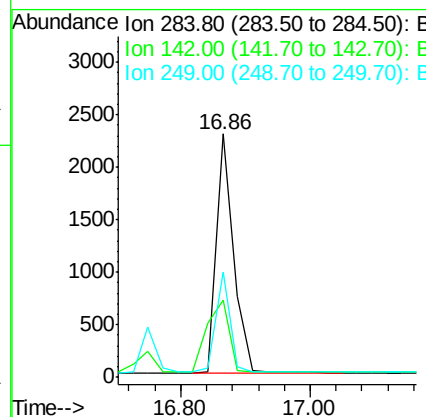
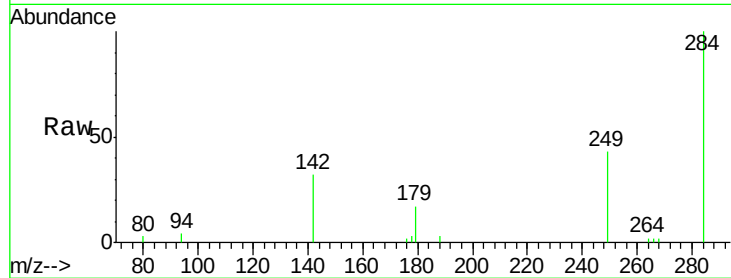
#19  
Hexachlorobenzene  
Concen: 1.39 ng  
RT: 16.86 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.8  | 29.1  | 43.7  |
| 249     | 39.2  | 27.9  | 41.9  |

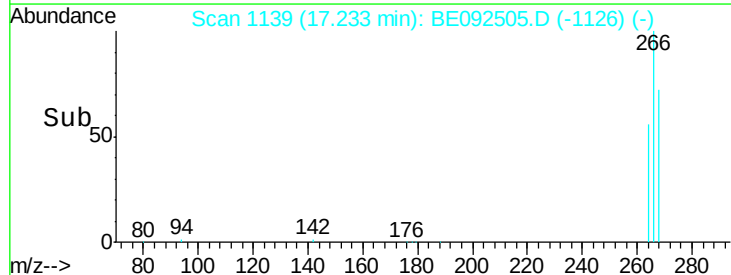
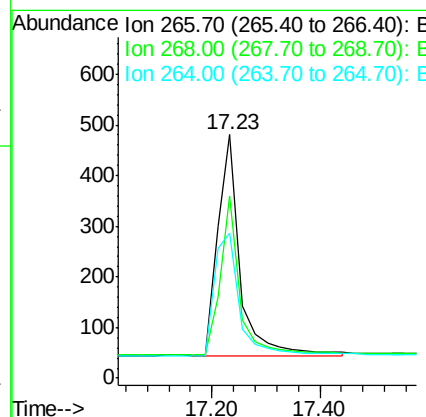
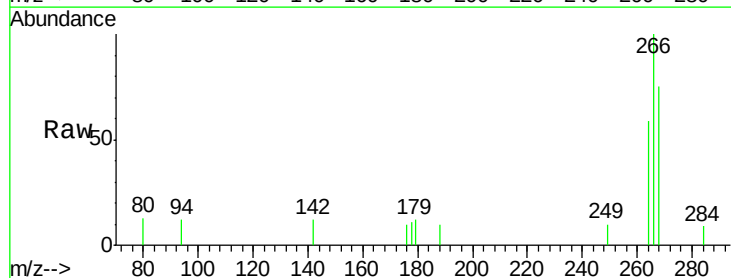
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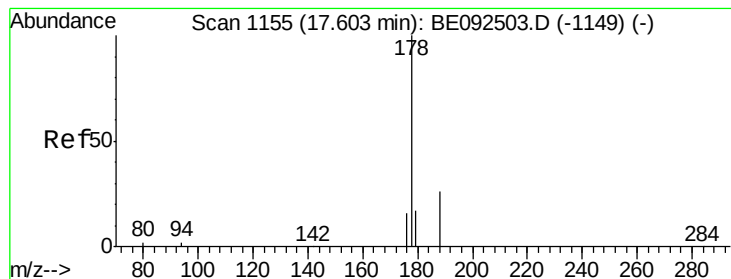
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#20  
Pentachlorophenol  
Concen: 2.38 ng  
RT: 17.23 min Scan# 1139  
Delta R.T. -0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 75.1  | 62.5  | 93.7  |
| 264     | 59.5  | 57.2  | 85.8  |





#21

Phenanthrene

Concen: 1.37 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

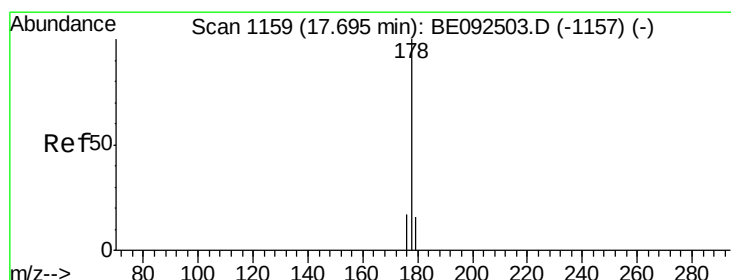
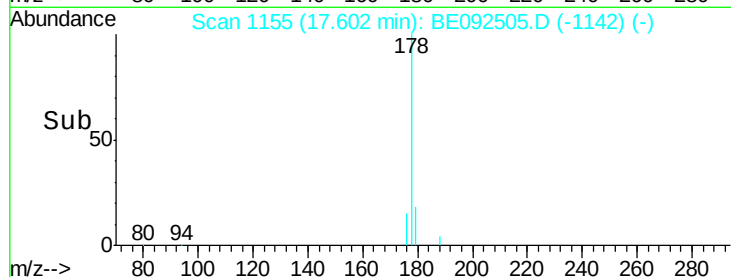
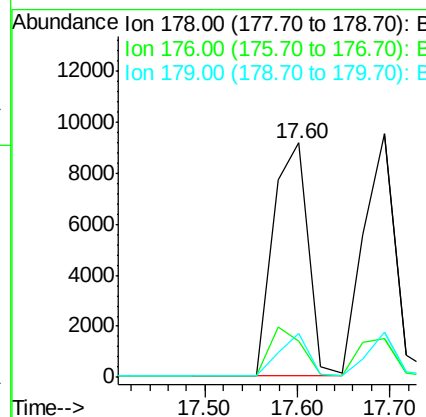
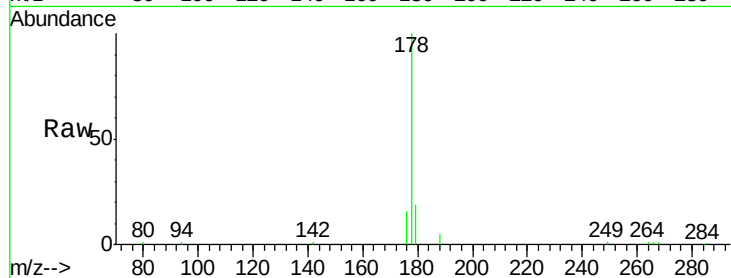
ClientSampleId :

SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 0.0   | 15.8  | 23.8# |
| 179     | 15.7  | 16.0  | 24.0# |

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#22

Anthracene

Concen: 1.44 ng

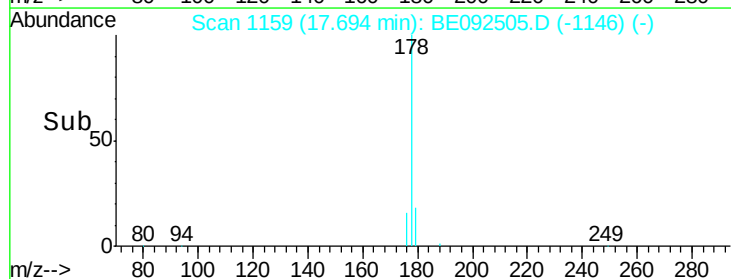
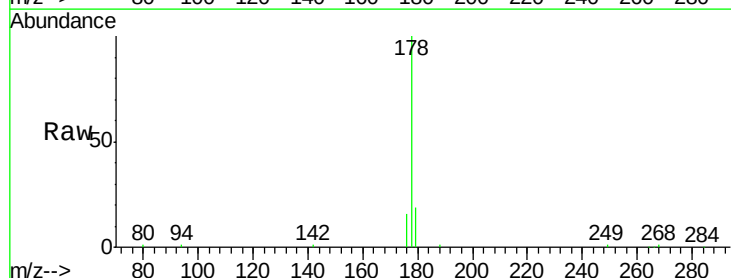
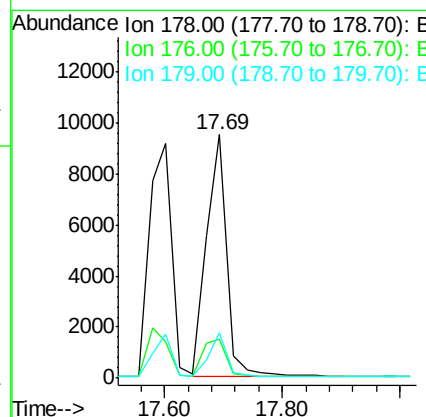
RT: 17.69 min Scan# 1159

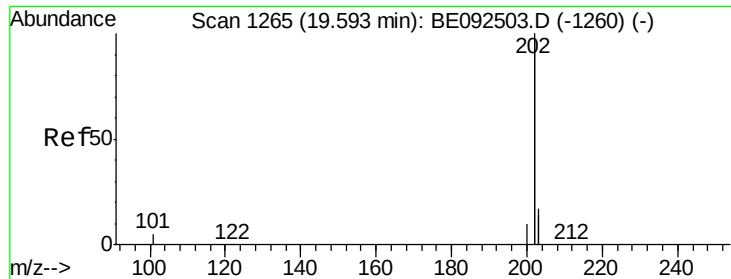
Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.0  | 22.4  |
| 179     | 16.1  | 12.2  | 18.2  |





#23

Fluoranthene

Concen: 1.74 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

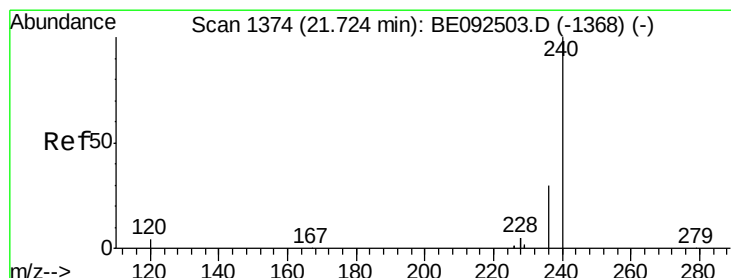
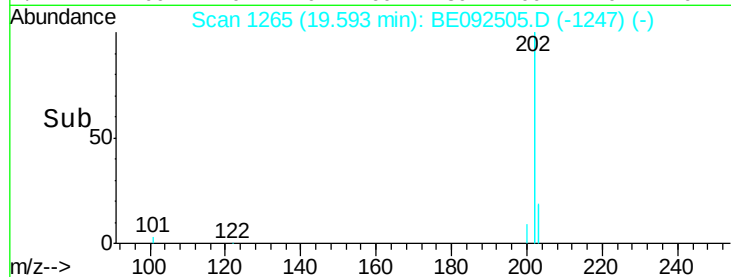
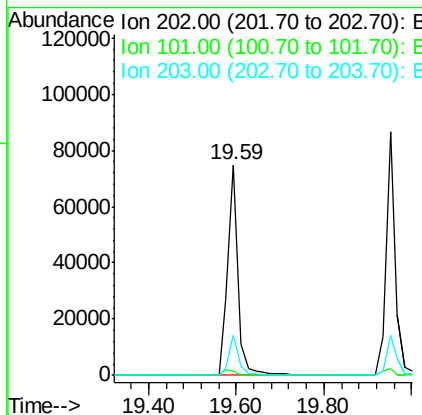
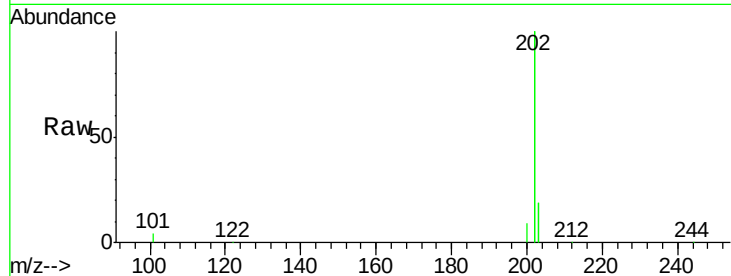
ClientSampleId :

SSTDICC1.6

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 120860 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 2.8   | 2.2   | 3.4    |
| 203       | 17.5  | 13.7  | 20.5   |

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#24

Chrysene-d12

Concen: 5.00 ng

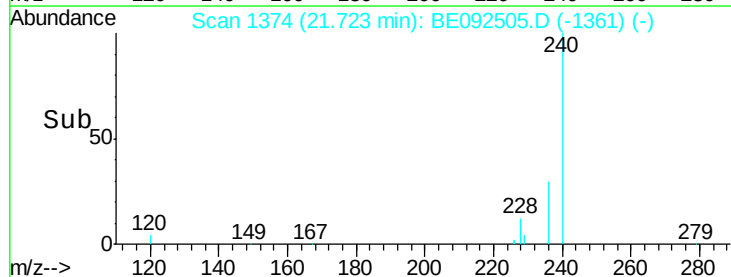
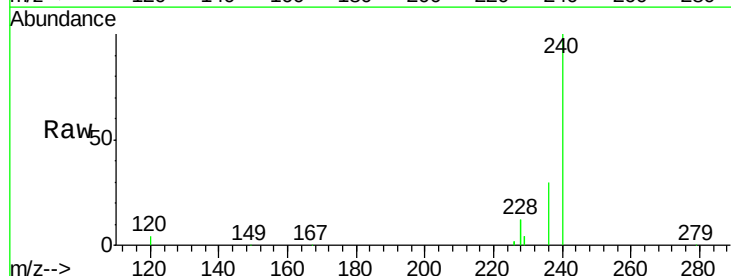
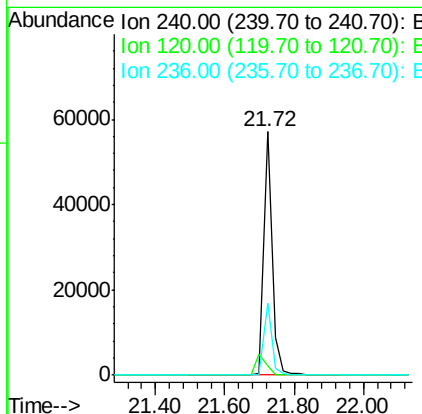
RT: 21.72 min Scan# 1374

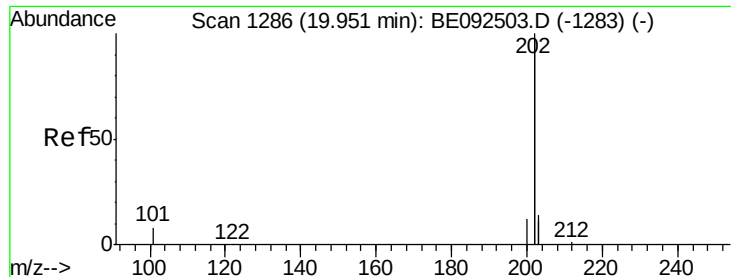
Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 92896 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 3.8   | 2.6   | 4.0   |
| 236       | 29.6  | 24.6  | 37.0  |





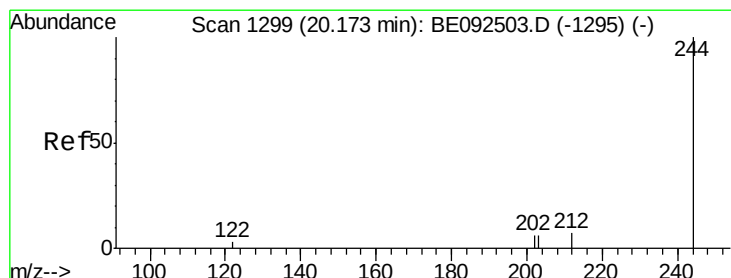
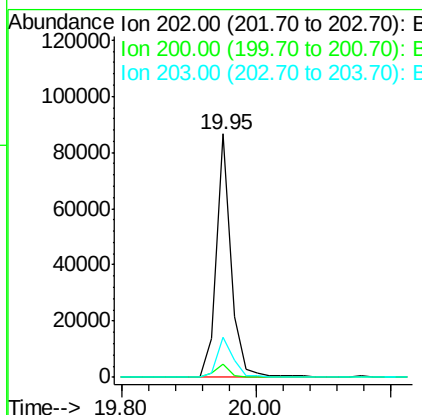
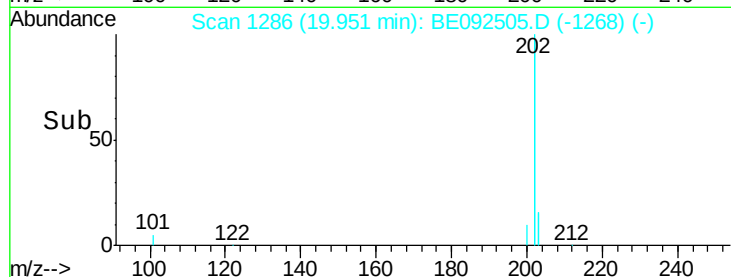
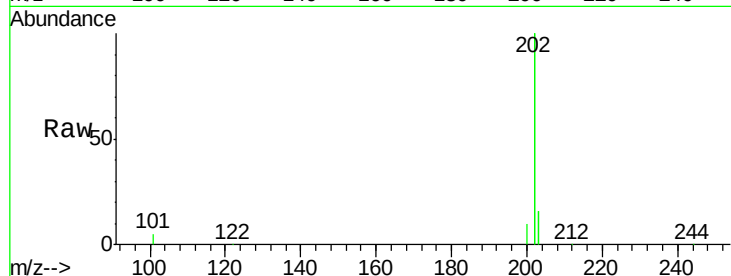
#25  
Pvrene  
Concen: 1.60 ng  
RT: 19.95 min Scan# 1286  
Delta R.T. -0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 5.3   | 4.2        | 6.4   |
| 203     | 17.6  | 13.9       | 20.9  |

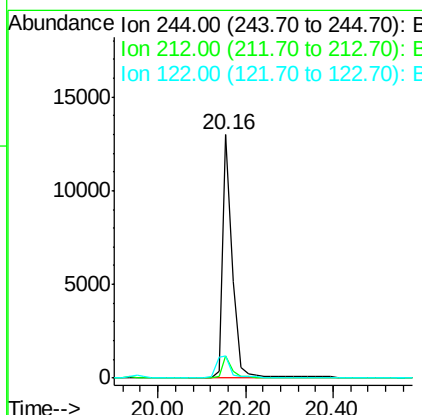
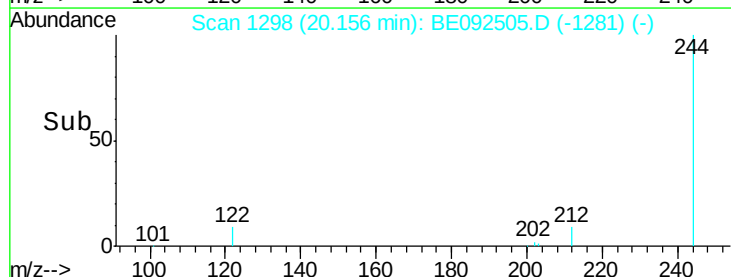
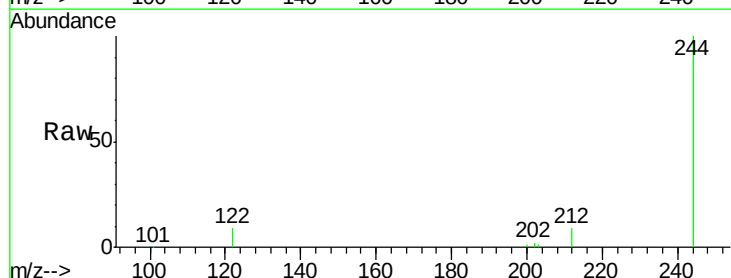
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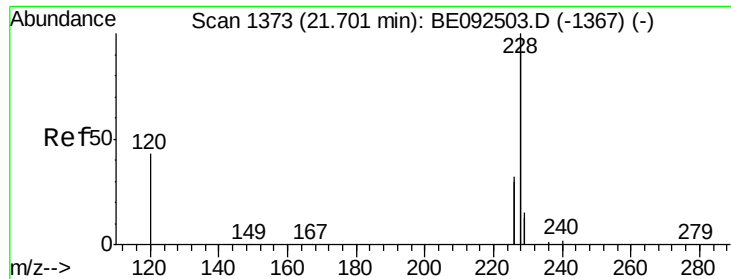
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#26  
Terphenyl-d14  
Concen: 1.73 ng  
RT: 20.16 min Scan# 1298  
Delta R.T. -0.02 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 9.2   | 6.7        | 10.1  |
| 122     | 9.2   | 3.6        | 5.4   |





#27

Benzo(a)anthracene

Concen: 1.79 ng m

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092505.D

Acq: 8 Nov 2016 12:44

Instrument :

BNA\_E

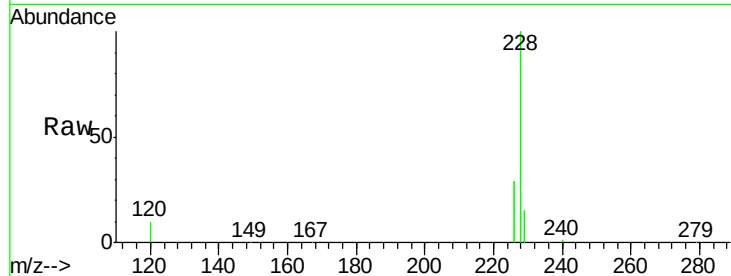
ClientSampleId :

SSTDICC1.6

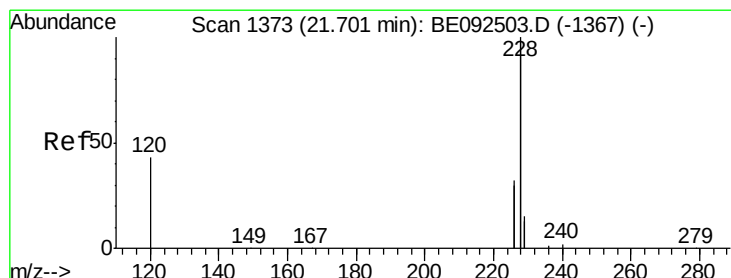
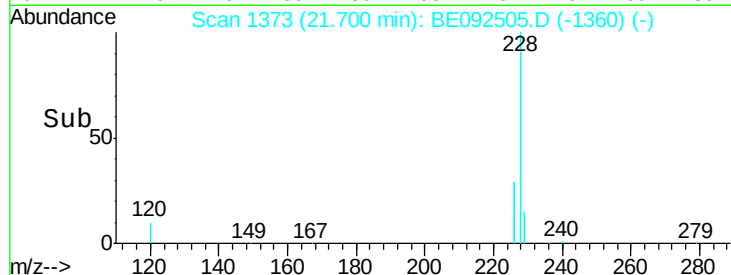
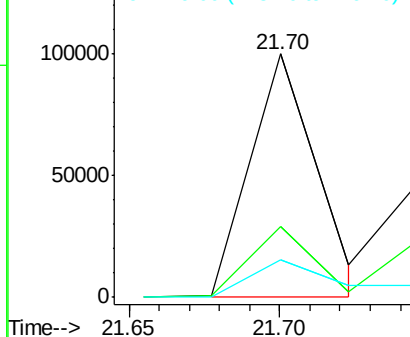
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 154255 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.0  | 23.6  | 35.4   |
| 229       | 15.2  | 13.3  | 19.9   |

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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 1.51 ng m

RT: 21.77 min Scan# 1376

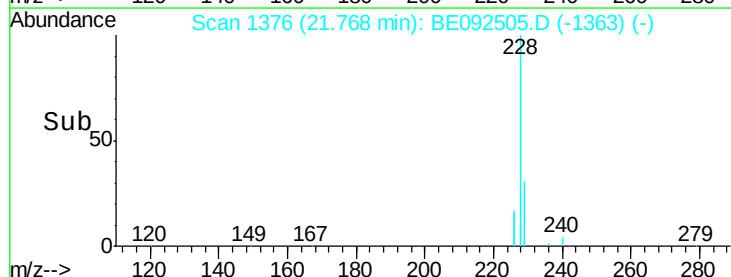
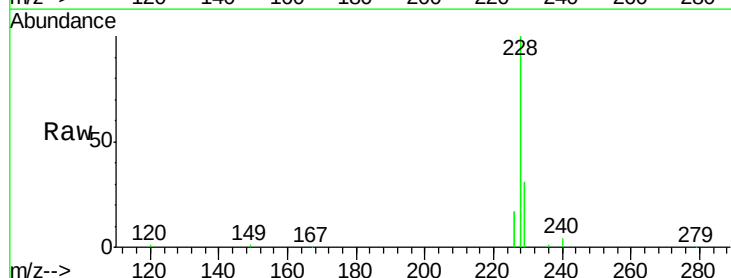
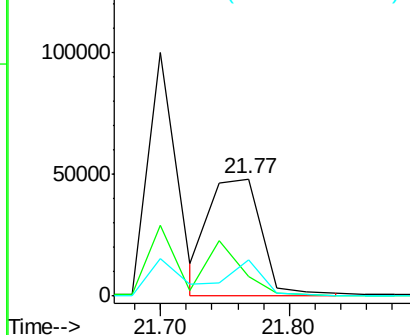
Delta R.T. -0.00 min

Lab File: BE092505.D

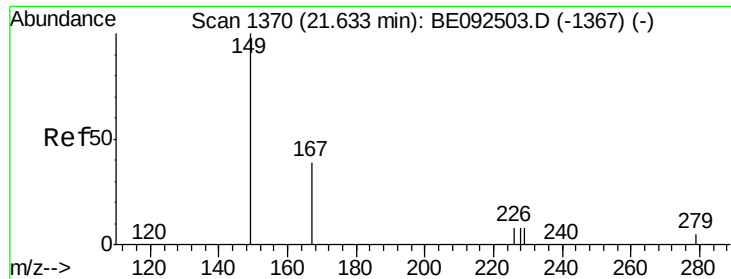
Acq: 8 Nov 2016 12:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 136560 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 17.2  | 36.3  | 54.5#  |
| 229       | 30.6  | 10.6  | 16.0#  |

Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E







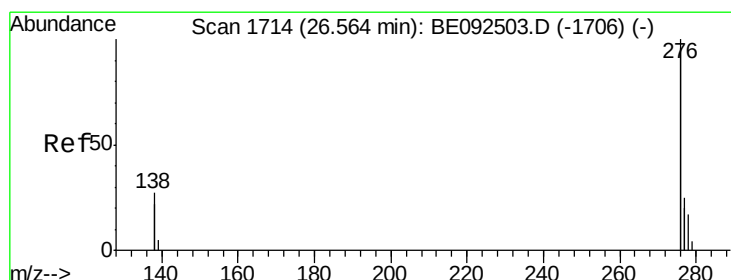
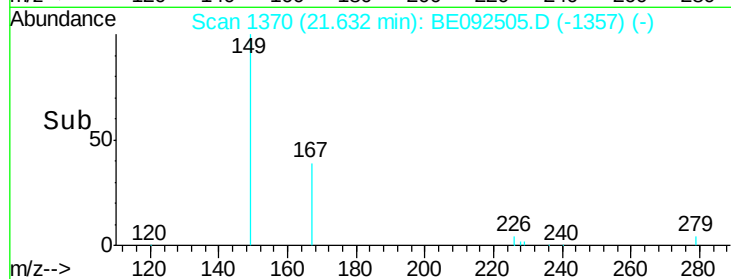
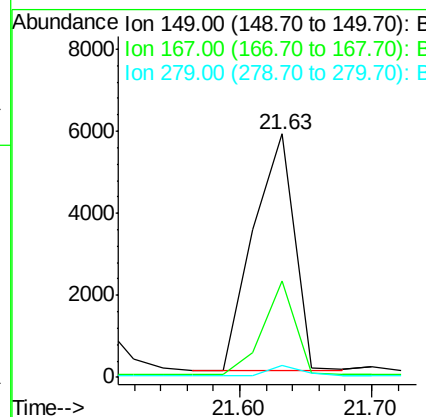
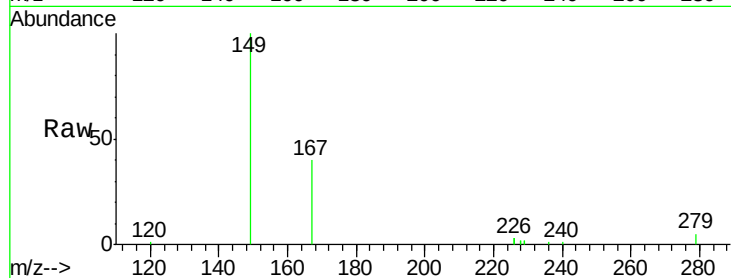
#29  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.76 ng  
 RT: 21.63 min Scan# 1370  
 Delta R.T. -0.00 min  
 Lab File: BE092505.D  
 Acq: 8 Nov 2016 12:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.9  | 16.0  | 24.0# |
| 279     | 3.4   | 16.0  | 24.0# |

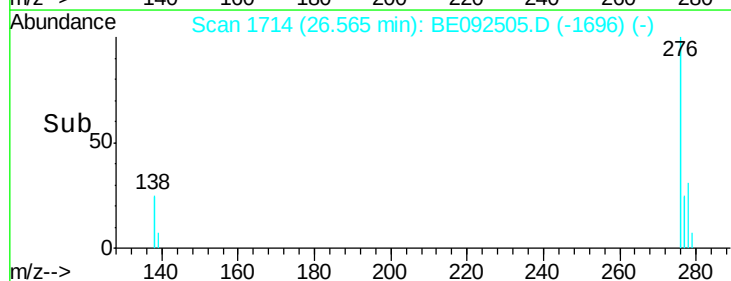
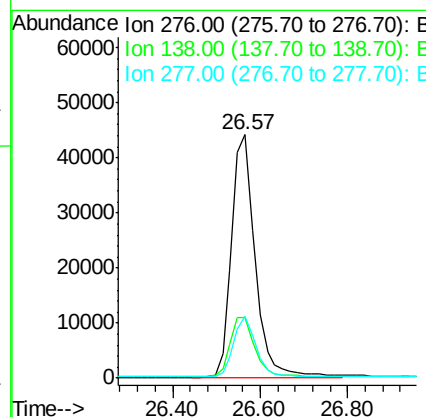
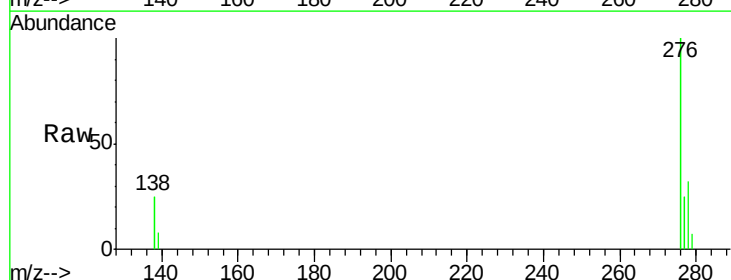
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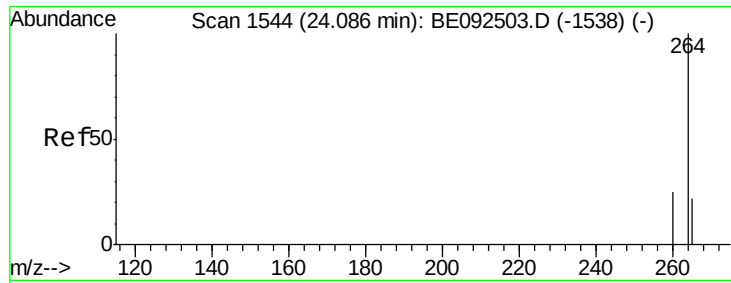
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#30  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.05 ng  
 RT: 26.57 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BE092505.D  
 Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.5  | 20.3  | 30.5  |
| 277     | 24.4  | 19.7  | 29.5  |





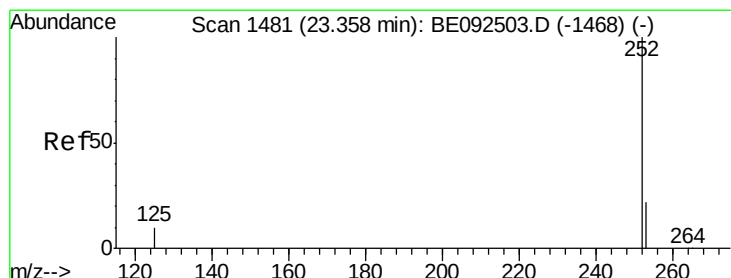
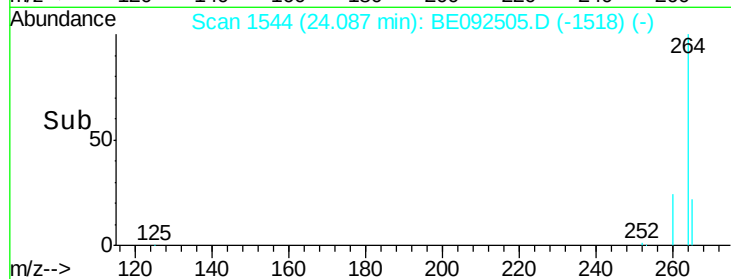
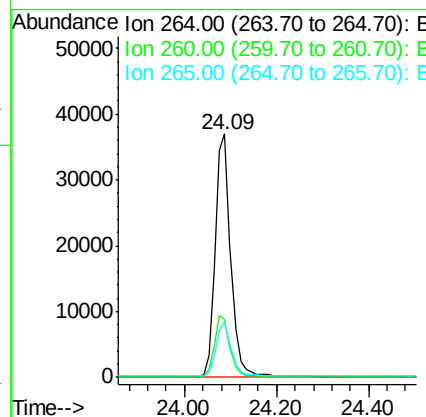
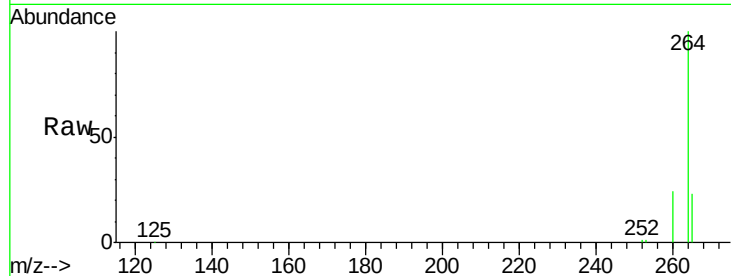
#31  
Pervlene-d12  
Concen: 5.00 ng  
RT: 24.09 min Scan# 1544  
Delta R.T. 0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 20.1  | 30.1  |
| 265     | 22.9  | 17.9  | 26.9  |

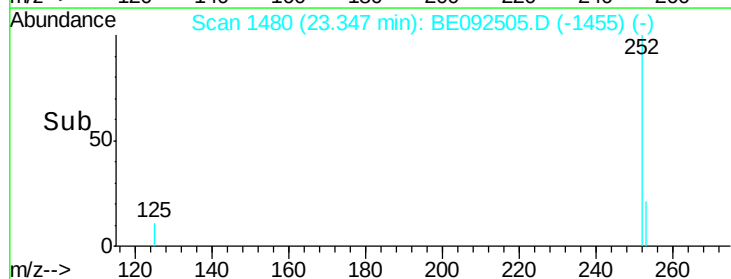
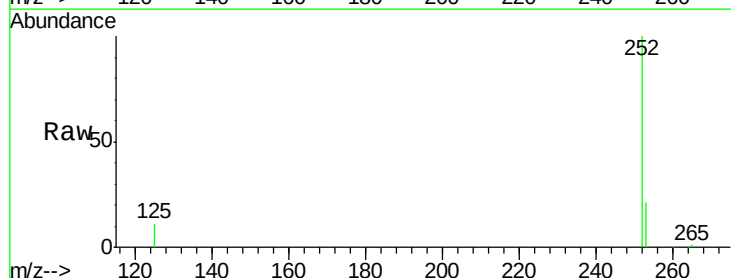
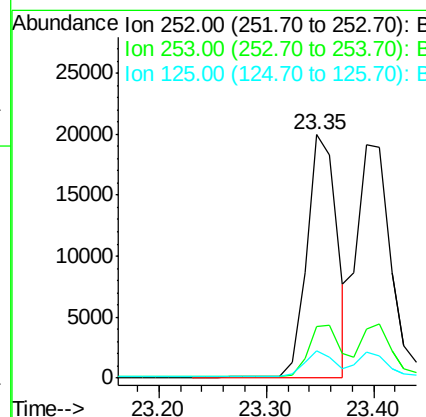
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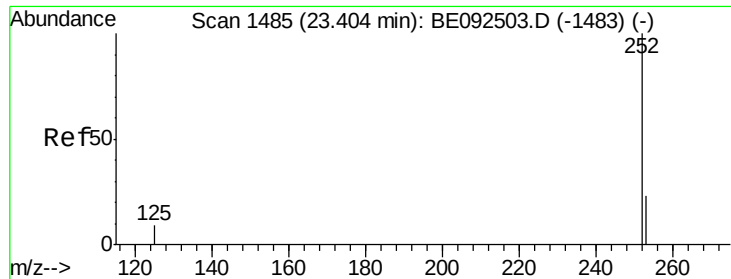
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#32  
Benzo(b)fluoranthene  
Concen: 1.77 ng  
RT: 23.35 min Scan# 1480  
Delta R.T. -0.01 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 18.7  | 28.1  |
| 125     | 11.1  | 10.5  | 15.7  |





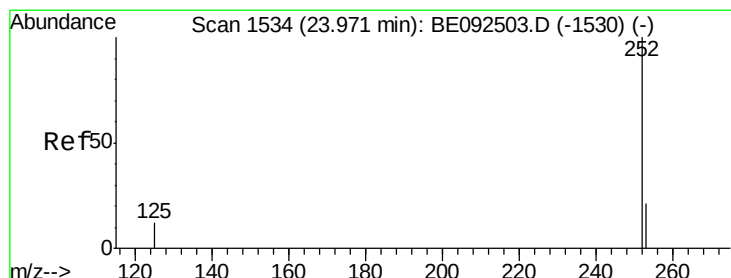
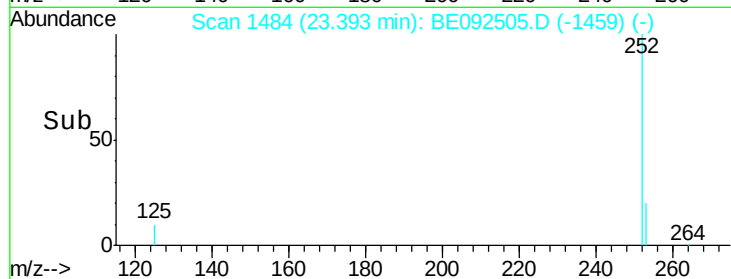
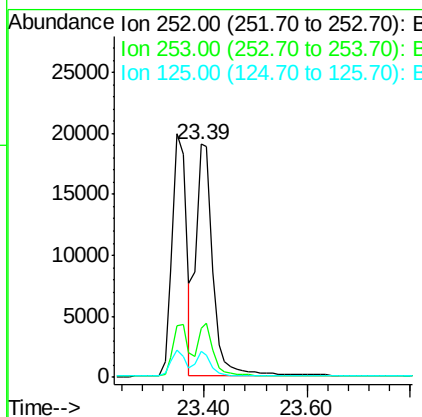
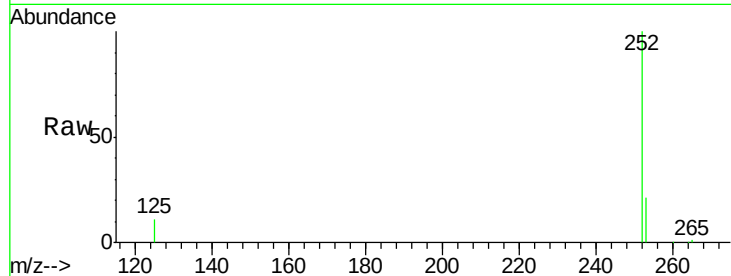
#33  
Benzo(k)fluoranthene  
Concen: 2.00 ng  
RT: 23.39 min Scan# 1484  
Delta R.T. -0.01 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 20.3  | 30.5  |
| 125     | 11.0  | 9.6   | 14.4  |

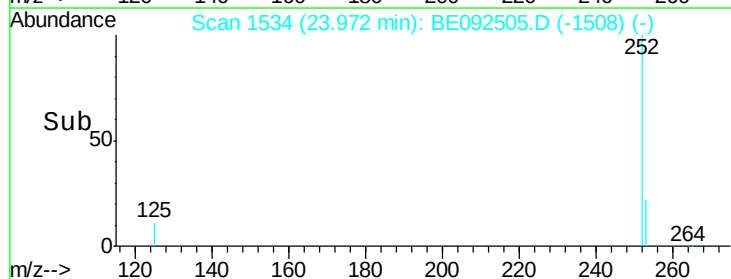
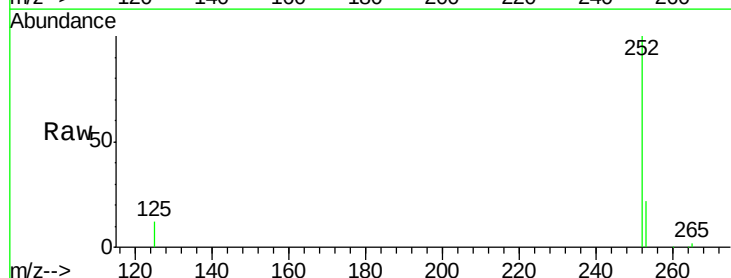
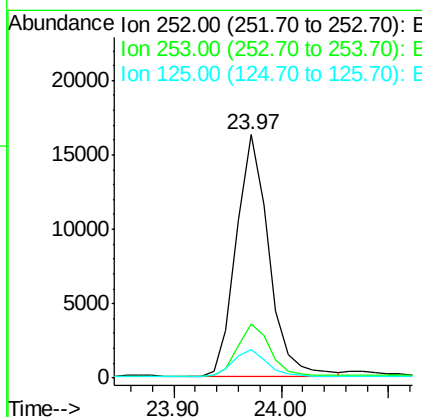
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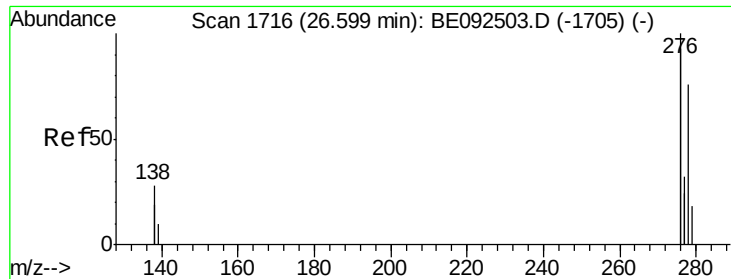
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#34  
Benzo(a)pyrene  
Concen: 1.74 ng  
RT: 23.97 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 19.0  | 28.6  |
| 125     | 11.8  | 11.8  | 17.8  |





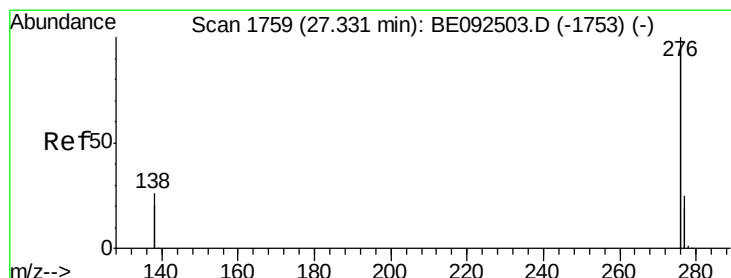
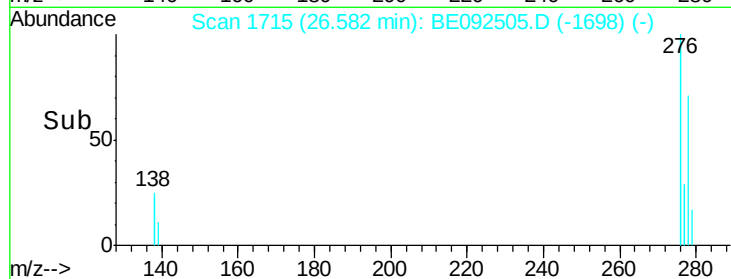
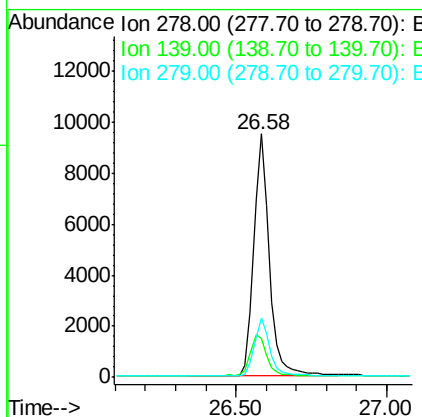
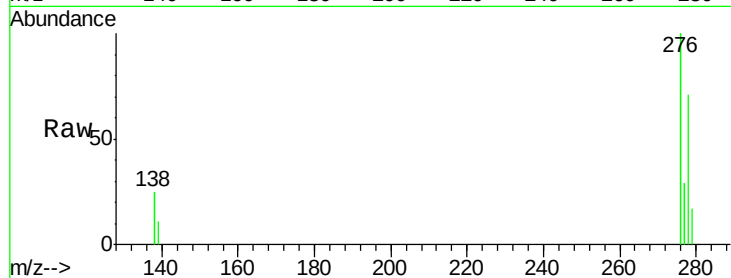
#35  
Dibenzo(a,h)anthracene  
Concen: 1.81 ng  
RT: 26.58 min Scan# 1715  
Delta R.T. -0.02 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.1  | 13.8  | 20.8  |
| 279     | 24.4  | 21.4  | 32.2  |

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#36  
Benzo(g,h,i)perylene  
Concen: 1.73 ng  
RT: 27.33 min Scan# 1759  
Delta R.T. 0.00 min  
Lab File: BE092505.D  
Acq: 8 Nov 2016 12:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 19.8  | 29.8  |
| 138     | 20.7  | 19.8  | 29.6  |

