

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA\_E\DATA\BE062819\  
 Data File : BE100226.D  
 Acq On : 28 Jun 2019 9:05  
 Operator : JU/SJ  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Manual Integrations  
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 7/1/2019 3:06:33 PM

Quant Time: Jun 28 12:27:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE062819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 12:13:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 511      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.44 | 136  | 1905     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.33 | 164  | 1535     | 0.40 | ng    | 0.02     |
| 19) Phenanthrene-d10      | 17.07 | 188  | 4701     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.25 | 240  | 7249     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.66 | 264  | 9094     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.22  | 112 | 126  | 0.11 | ng | 0.00 |
| 5) Phenol-d6                | 6.86  | 99  | 178m | 0.11 | ng | 0.02 |
| 8) Nitrobenzene-d5          | 8.85  | 82  | 137  | 0.07 | ng | 0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152 | 360  | 0.10 | ng | 0.03 |
| 14) 2,4,6-Tribromophenol    | 15.84 | 330 | 85   | 0.10 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 12.96 | 172 | 615  | 0.10 | ng | 0.02 |
| 25) Fluoranthene-d10        | 19.10 | 212 | 6659 | 0.10 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.70 | 244 | 1472 | 0.10 | ng | 0.00 |

|                                |       |     |      |        |    |      |
|--------------------------------|-------|-----|------|--------|----|------|
| Target Compounds               |       |     |      | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.10  | 88  | 106  | 0.133  | ng | # 83 |
| 6) bis(2-Chloroethyl)ether     | 7.13  | 93  | 100  | 0.070  | ng | # 1  |
| 9) Naphthalene                 | 10.50 | 128 | 2259 | 0.109  | ng | # 88 |
| 10) Hexachlorobutadiene        | 10.76 | 225 | 210  | 0.098  | ng | 93   |
| 12) 2-Methylnaphthalene        | 12.15 | 142 | 424m | 0.127  | ng |      |
| 16) Acenaphthylene             | 14.04 | 152 | 742  | 0.099  | ng | 97   |
| 17) Acenaphthene               | 14.39 | 154 | 414  | 0.099  | ng | 99   |
| 18) Fluorene                   | 15.37 | 166 | 613  | 0.101  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.26 | 248 | 289  | 0.099  | ng | # 81 |
| 21) Hexachlorobenzene          | 16.37 | 284 | 314  | 0.098  | ng | 94   |
| 23) Phenanthrene               | 17.11 | 178 | 1098 | 0.099  | ng | 98   |
| 24) Anthracene                 | 17.20 | 178 | 856  | 0.091  | ng | 97   |
| 26) Fluoranthene               | 19.13 | 202 | 1764 | 0.097  | ng | 100  |
| 28) Pyrene                     | 19.49 | 202 | 1871 | 0.101  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.23 | 228 | 2249 | 0.105  | ng | 96   |
| 31) Chrysene                   | 21.28 | 228 | 2361 | 0.094  | ng | 94   |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 6005 | 0.244  | ng | 97   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.22 | 276 | 3067 | 0.086  | ng | # 88 |
| 35) Benzo(b)fluoranthene       | 22.92 | 252 | 2330 | 0.095  | ng | # 88 |
| 36) Benzo(k)fluoranthene       | 22.97 | 252 | 2730 | 0.093  | ng | # 86 |
| 37) Benzo(a)pyrene             | 23.56 | 252 | 2390 | 0.094  | ng | # 77 |
| 38) Dibenzo(a,h)anthracene     | 26.24 | 278 | 2466 | 0.091  | ng | # 81 |
| 39) Benzo(g,h,i)perylene       | 27.00 | 276 | 2595 | 0.092  | ng | # 89 |

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

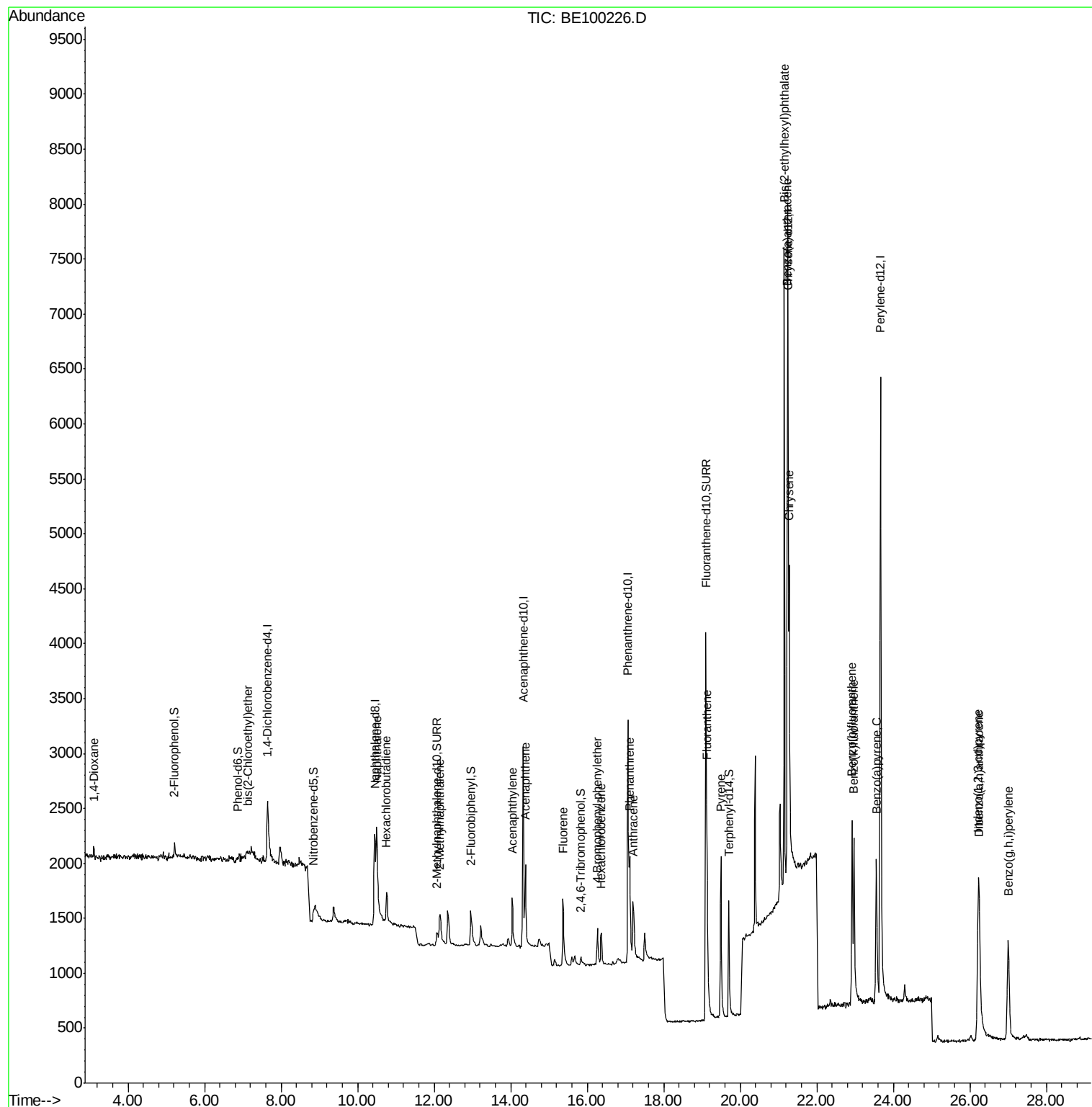
Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA\_E\DATA\BE062819\  
Data File : BE100226.D  
Acq On : 28 Jun 2019 9:05  
Operator : JU/SJ  
Sample : SSTDICC0.1  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

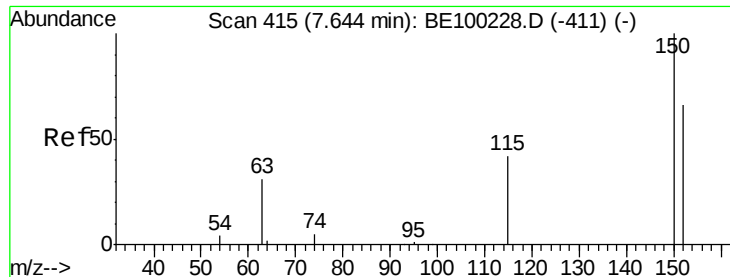
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.1

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Quant Time: Jun 28 12:27:03 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE062819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 28 12:13:05 2019  
Response via : Initial Calibration





#1

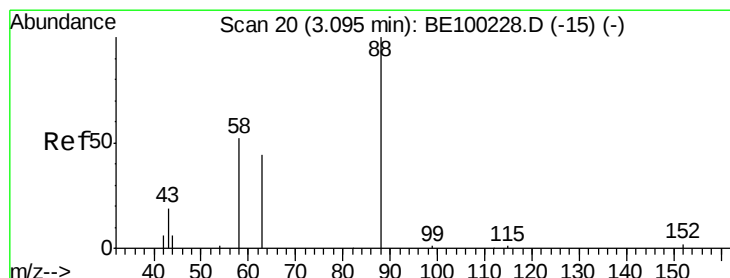
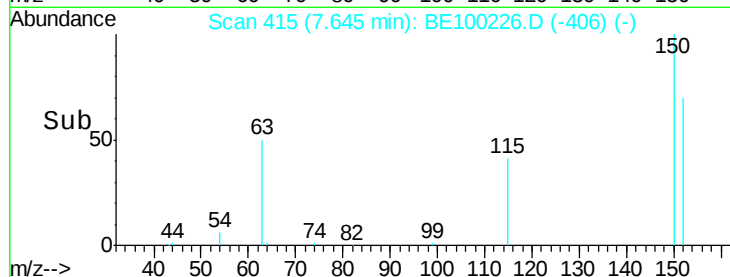
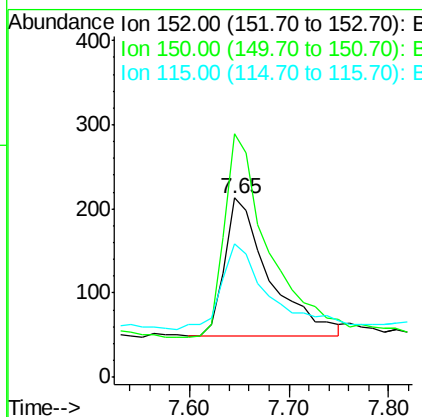
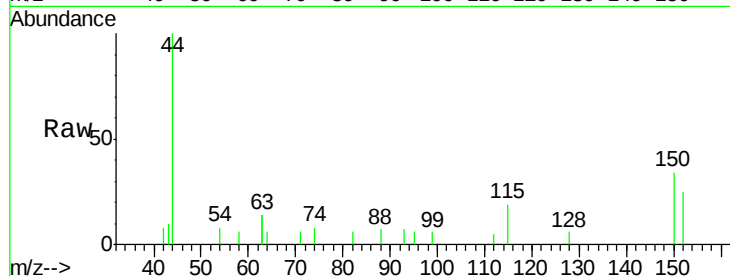
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.65 min Scan# 415  
Delta R.T. 0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 135.7 | 114.5 | 171.7 |
| 115     | 74.6  | 57.1  | 85.7  |

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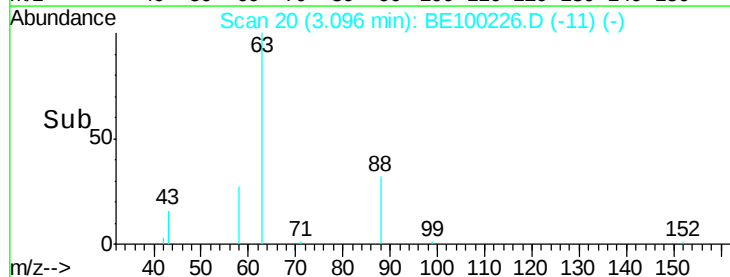
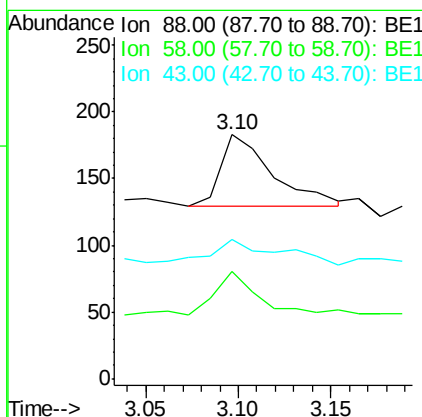
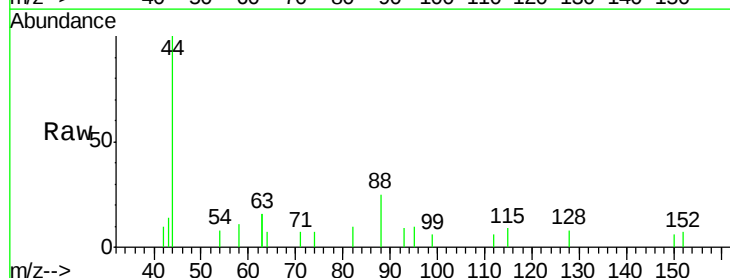
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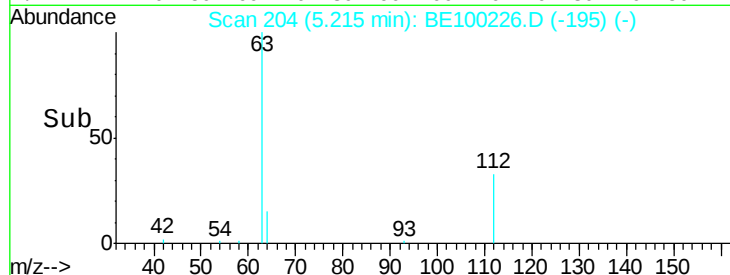
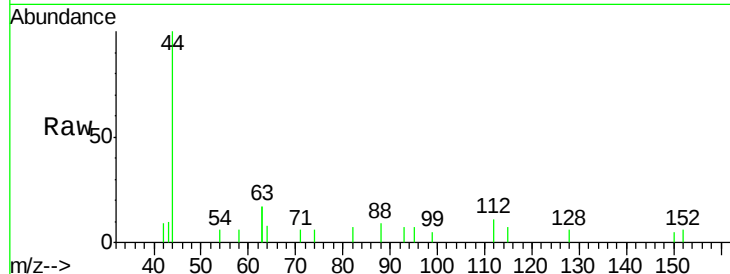
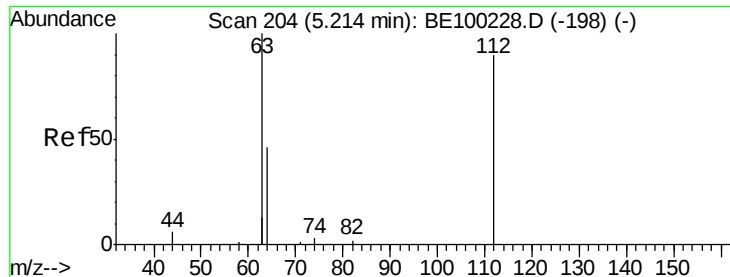


#2

1,4-Dioxane  
Concen: 0.133 ng  
RT: 3.10 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 57.5  | 43.6  | 65.4  |
| 43      | 49.1  | 21.4  | 32.0  |





#4

2-Fluorophenol

Concen: 0.111 ng

RT: 5.22 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 126    |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 72.2  | 39.4  | 59.0#  |
| 63       | 165.9 | 104.5 | 156.7# |

Instrument :

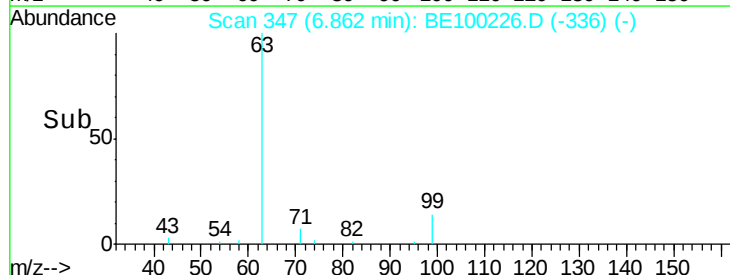
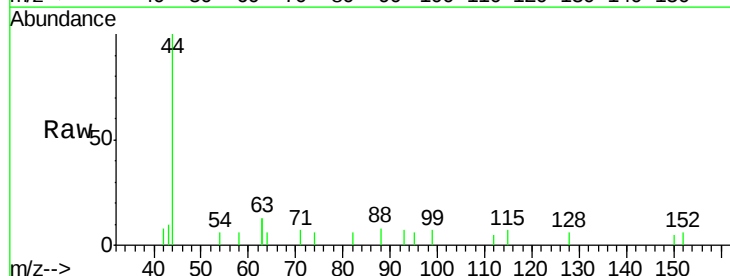
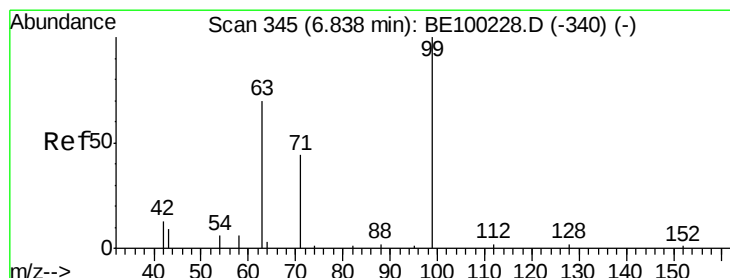
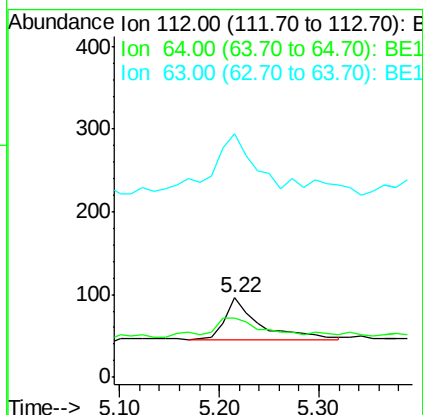
BNA\_E

ClientSampleId :

SSTDIC0.1

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#5

Phenol-d6

Concen: 0.114 ng m

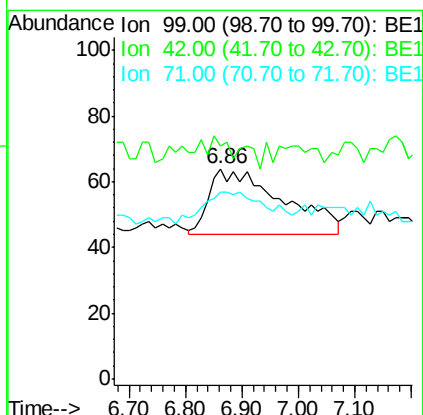
RT: 6.86 min Scan# 347

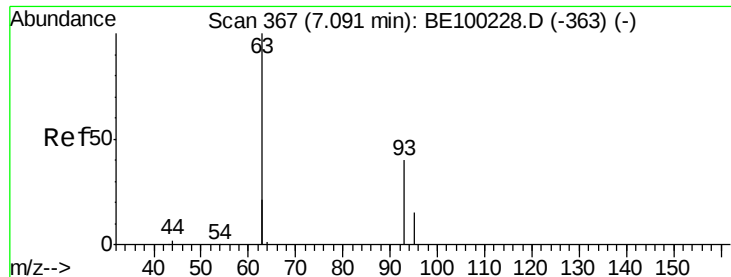
Delta R.T. 0.02 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 178   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 6.2   | 11.2  | 16.8# |
| 71       | 38.2  | 37.2  | 55.8  |





#6

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 7.13 min Scan# 370

Delta R.T. 0.04 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

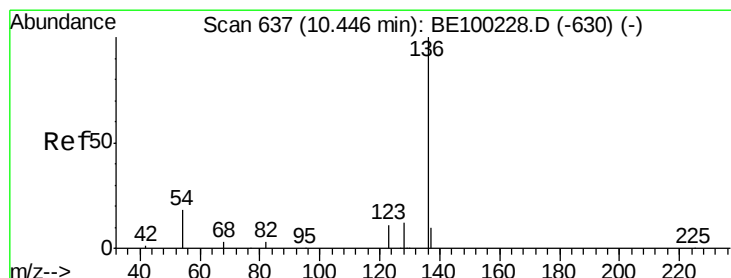
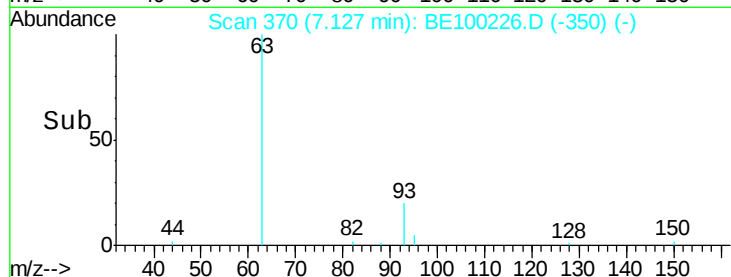
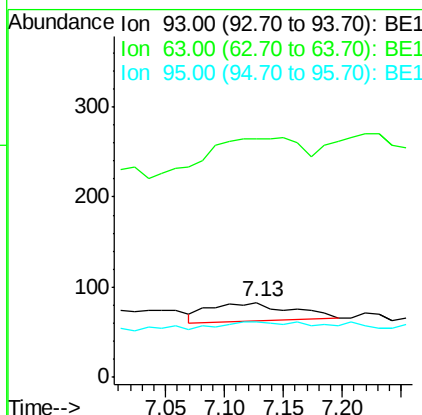
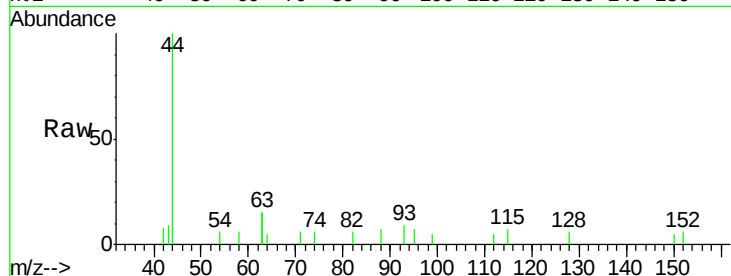
ClientSampleId :

SSTDICC0.1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 100    |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 0.0   | 155.6 | 233.4# |
| 95       | 38.0  | 23.0  | 34.4#  |

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#7

Naphthalene-d8

Concen: 0.400 ng

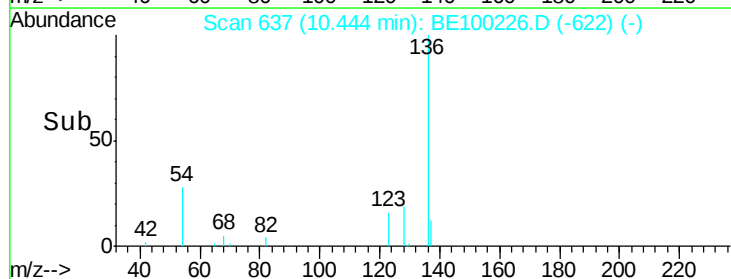
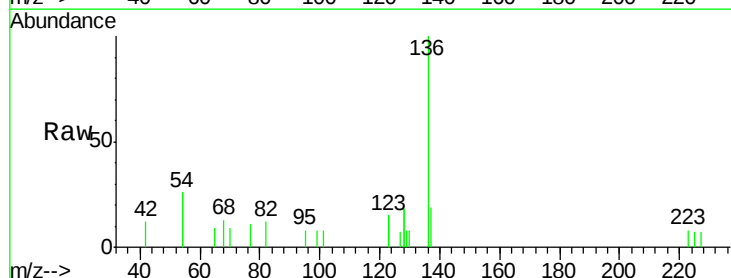
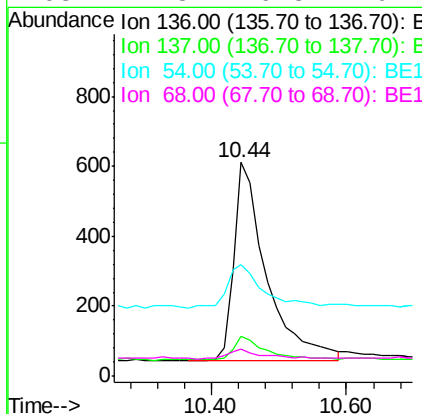
RT: 10.44 min Scan# 637

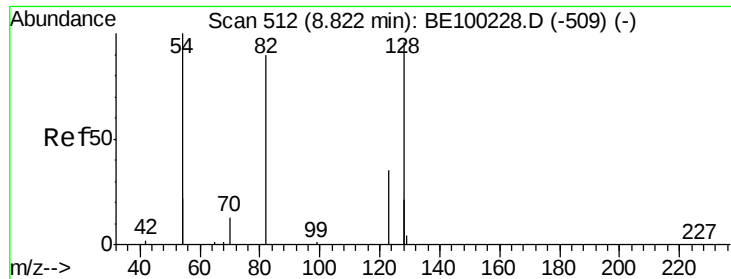
Delta R.T. -0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1905  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 18.8  | 11.8  | 17.8# |
| 54       | 52.0  | 27.7  | 41.5# |
| 68       | 12.8  | 6.8   | 10.2# |





#8

Nitrobenzene-d5

Concen: 0.072 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.02 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

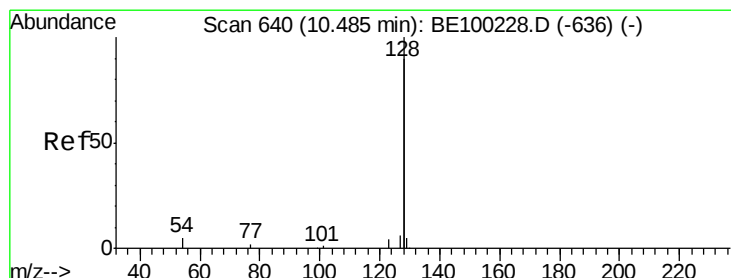
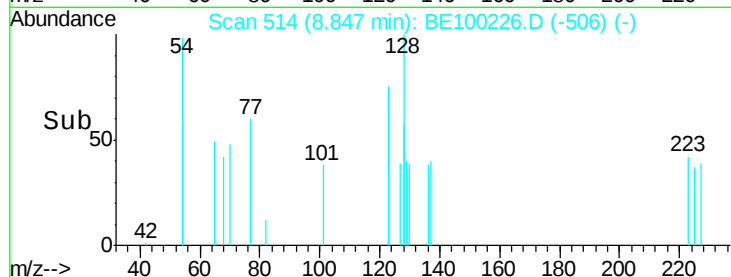
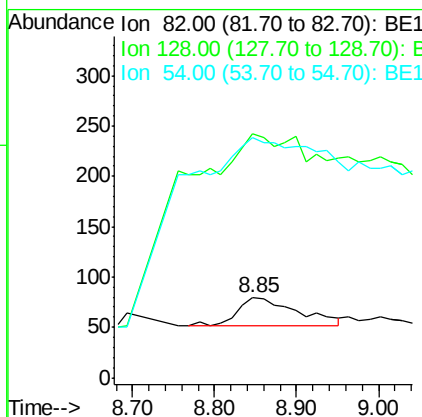
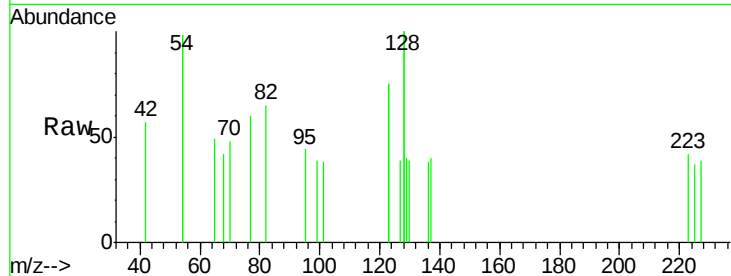
ClientSampleId :

SSTDIC0.1

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 137    |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 306.3 | 140.9 | 211.3# |
| 54        | 301.3 | 146.2 | 219.2# |

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#9

Naphthalene

Concen: 0.109 ng

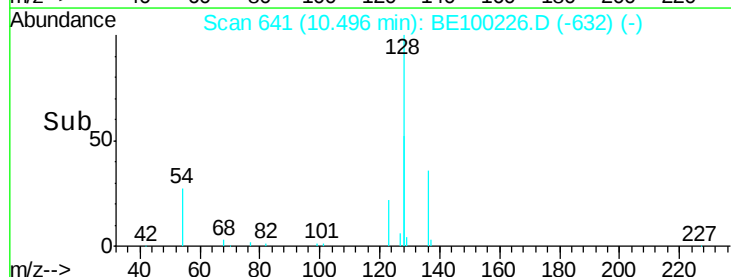
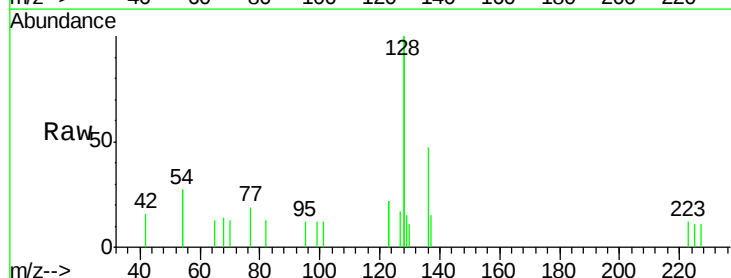
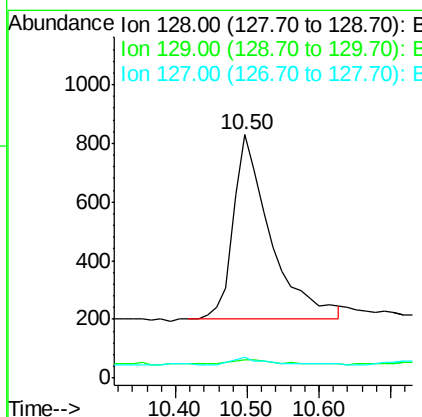
RT: 10.50 min Scan# 641

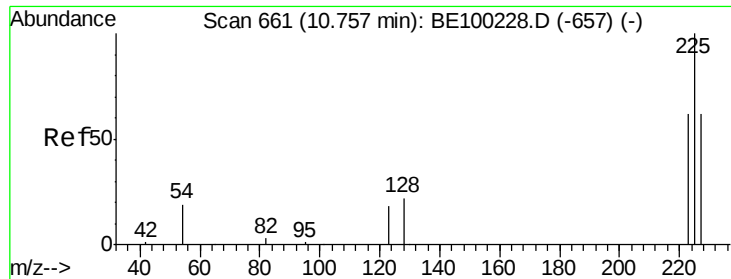
Delta R.T. 0.01 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 2259 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 7.6   | 3.0   | 4.6# |
| 127       | 8.4   | 3.5   | 5.3# |





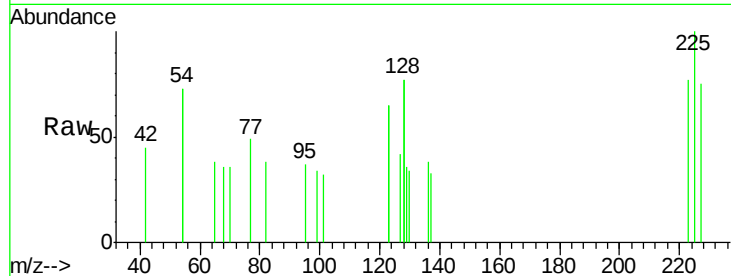
#10  
Hexachlorobutadiene  
Concen: 0.098 ng  
RT: 10.76 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

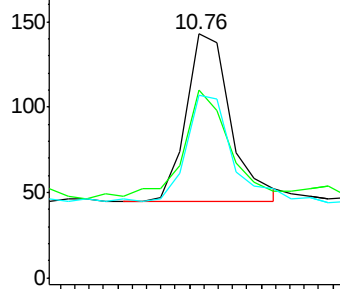
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 70.0  | 49.1  | 73.7  |
| 227     | 63.8  | 49.3  | 73.9  |

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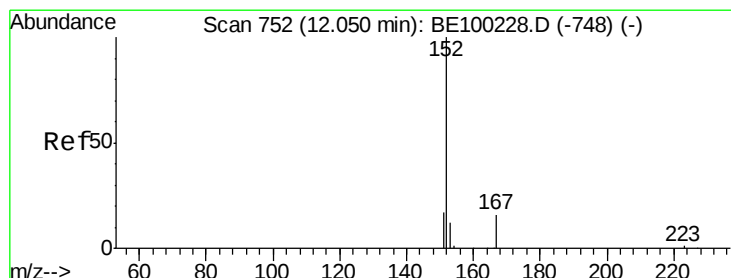
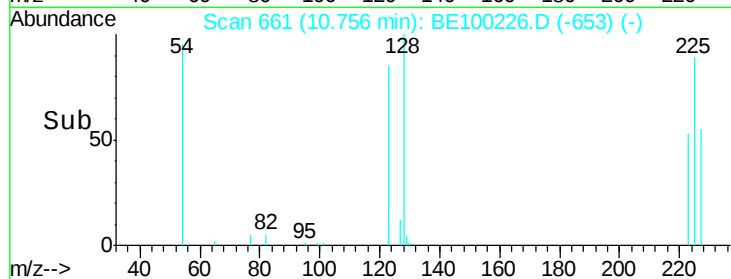
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Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

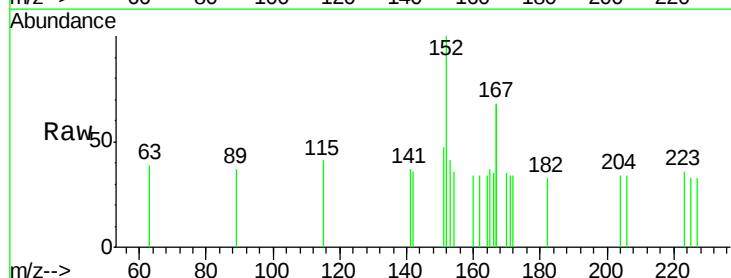


Time-->

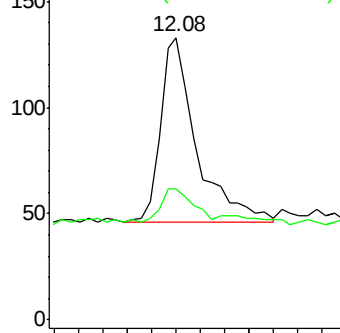


#11  
2-Methylnaphthalene-d10  
Concen: 0.101 ng  
RT: 12.08 min Scan# 754  
Delta R.T. 0.03 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

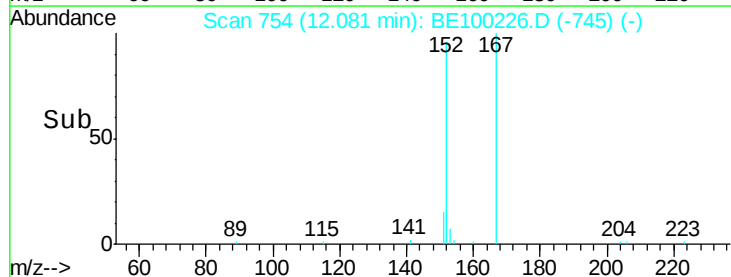
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 16.9  | 15.1  | 22.7  |

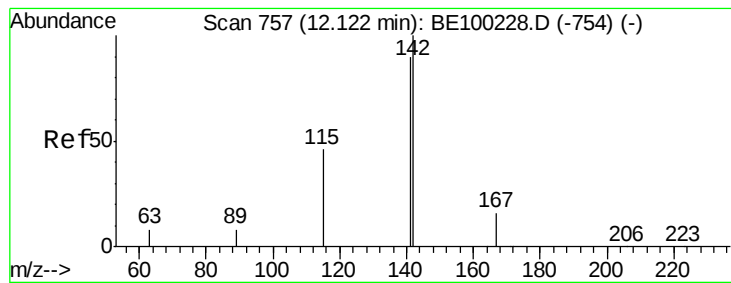


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E



Time-->





#12

2-Methylnaphthalene

Concen: 0.127 ng m

RT: 12.15 min Scan# 759

Delta R.T. 0.03 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

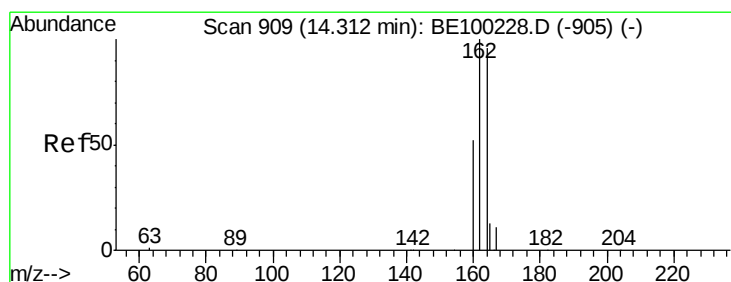
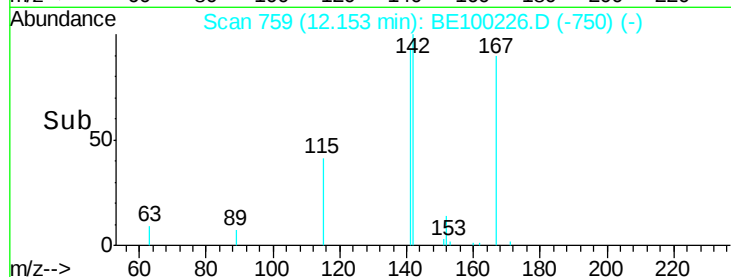
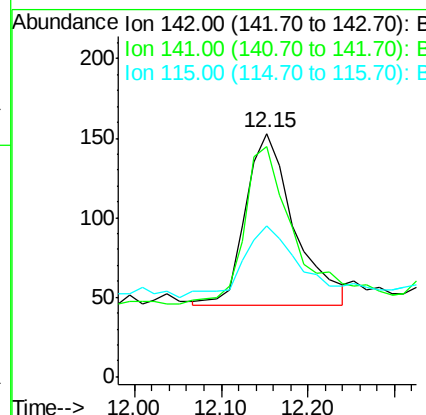
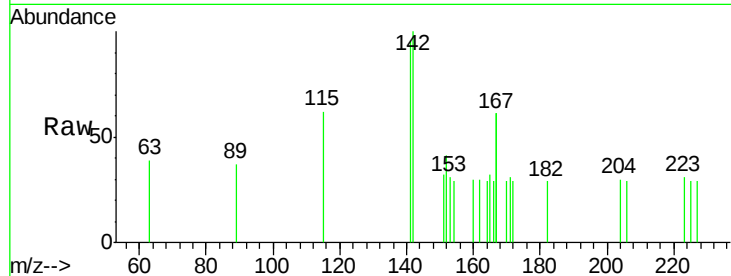
ClientSampleId :

SSTDIC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 424   |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 94.8  | 72.4  | 108.6 |
| 115       | 62.1  | 40.4  | 60.6# |

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#13

Acenaphthene-d10

Concen: 0.400 ng

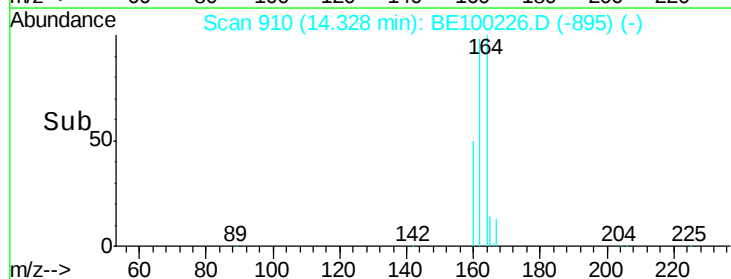
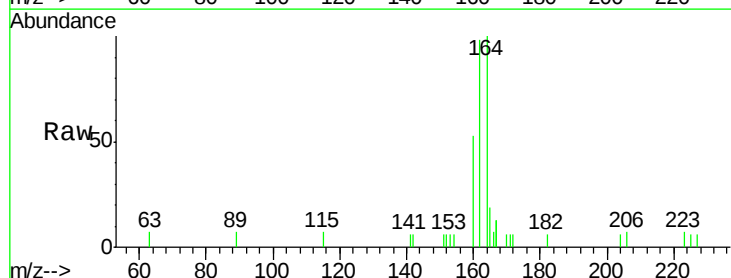
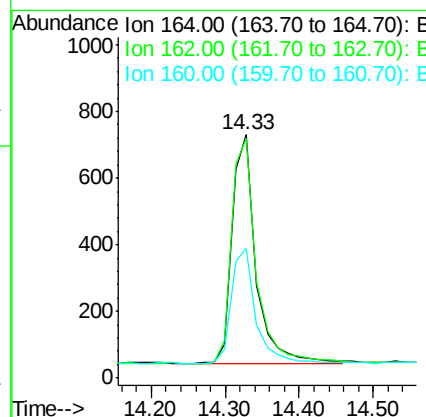
RT: 14.33 min Scan# 910

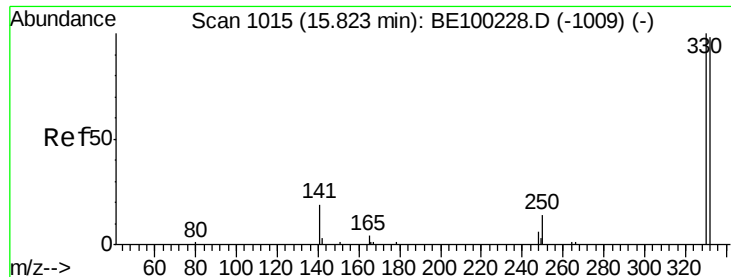
Delta R.T. 0.02 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 1535  |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 98.5  | 83.4  | 125.0 |
| 160       | 53.1  | 45.0  | 67.6  |





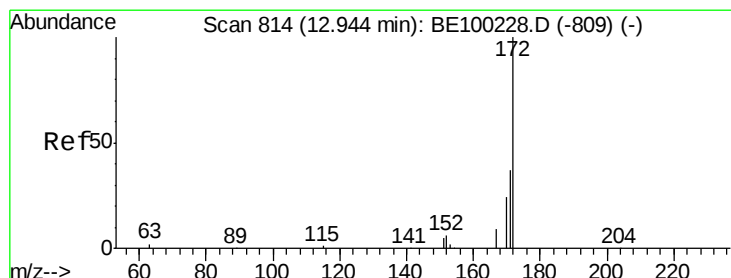
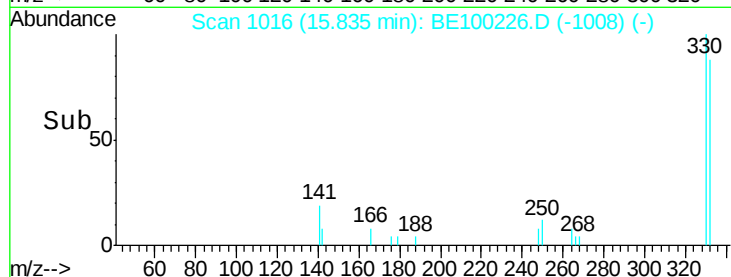
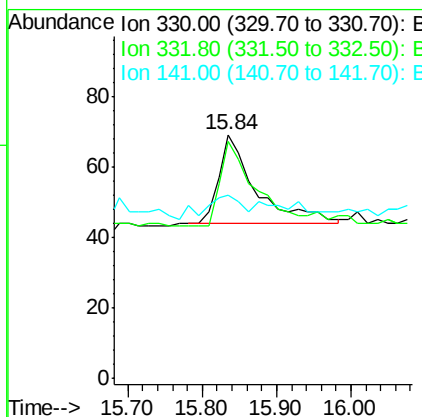
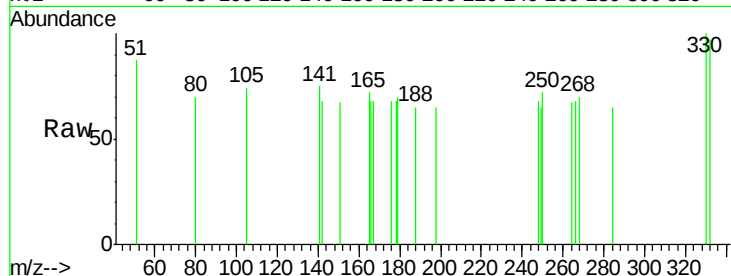
#14  
 2,4,6-Tribromophenol  
 Concen: 0.096 ng  
 RT: 15.84 min Scan# 1016  
 Delta R.T. 0.01 min  
 Lab File: BE100226.D  
 Acq: 28 Jun 2019 9:05

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 108.2 | 77.0  | 115.4 |
| 141     | 27.1  | 22.0  | 33.0  |

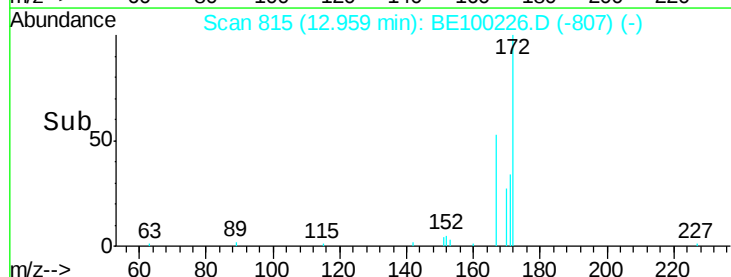
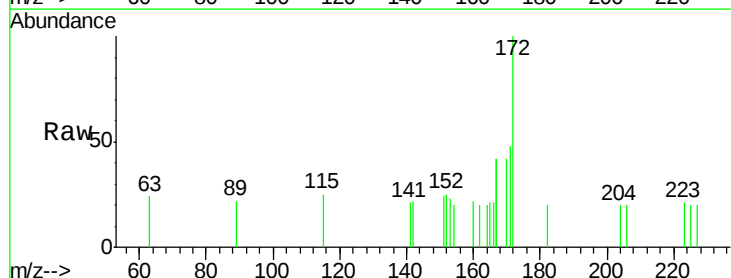
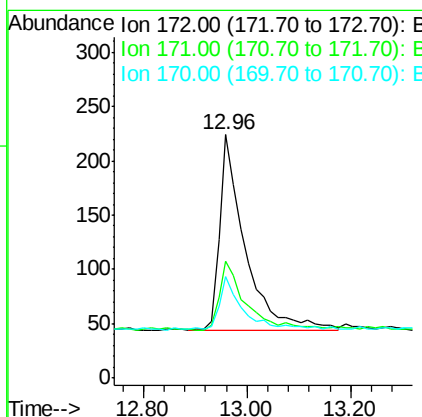
Manual Integrations  
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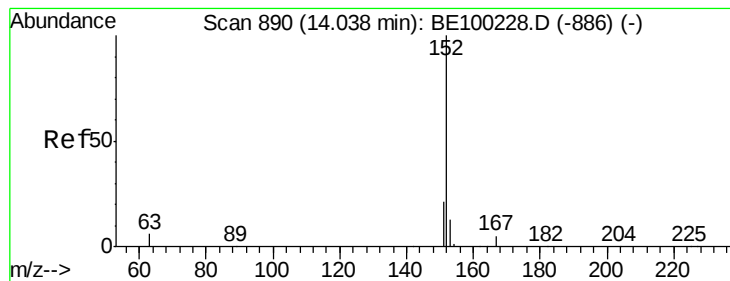
mohammad  
 7/1/2019 3:06:33 PM



#15  
 2-Fluorobiphenyl  
 Concen: 0.100 ng  
 RT: 12.96 min Scan# 815  
 Delta R.T. 0.02 min  
 Lab File: BE100226.D  
 Acq: 28 Jun 2019 9:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 47.8  | 31.9  | 47.9  |
| 170     | 41.5  | 22.2  | 33.2  |





#16

Acenaphthylene

Concen: 0.099 ng

RT: 14.04 min Scan# 890

Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

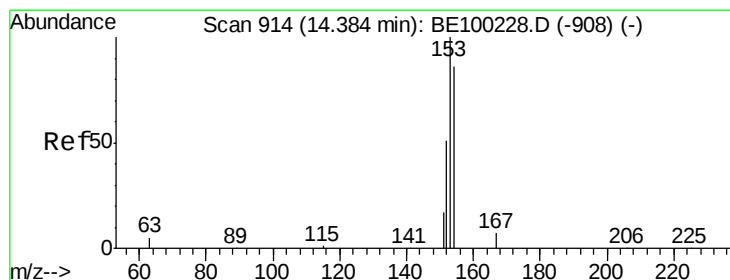
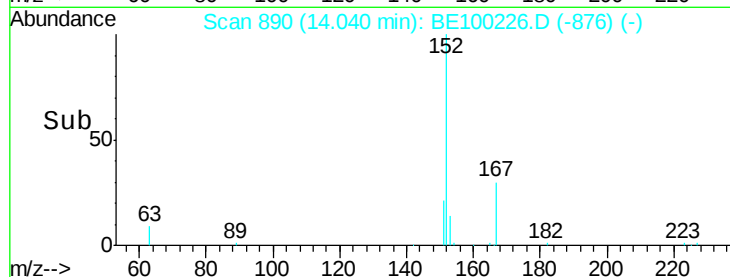
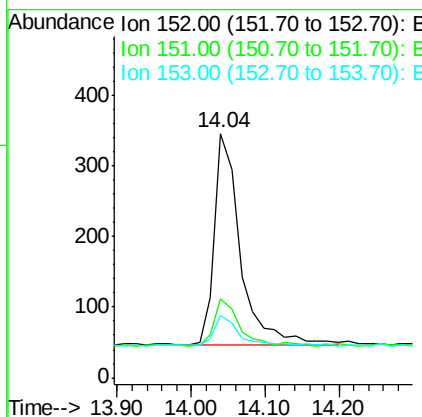
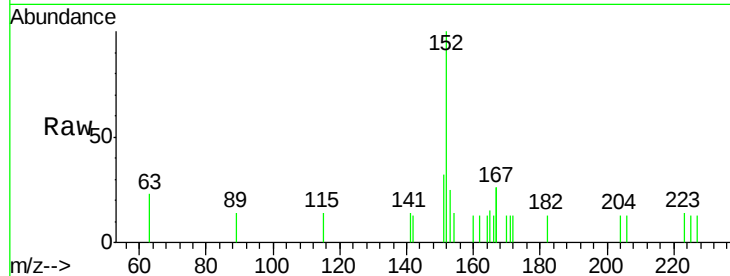
ClientSampleId :

SSTDIC0.1

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 742  |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.2  | 16.6  | 25.0 |
| 153       | 15.1  | 10.5  | 15.7 |

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#17

Acenaphthene

Concen: 0.099 ng

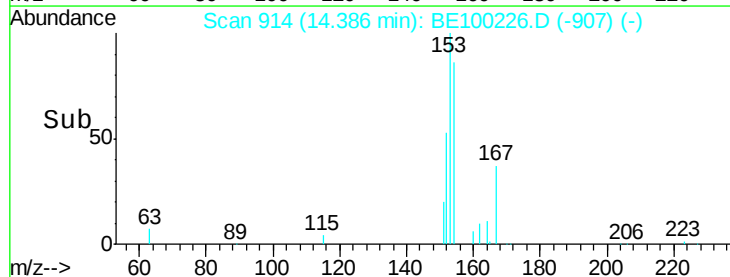
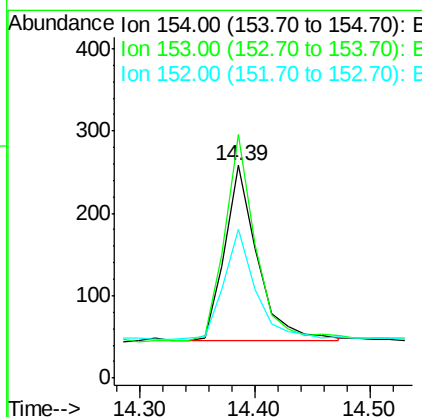
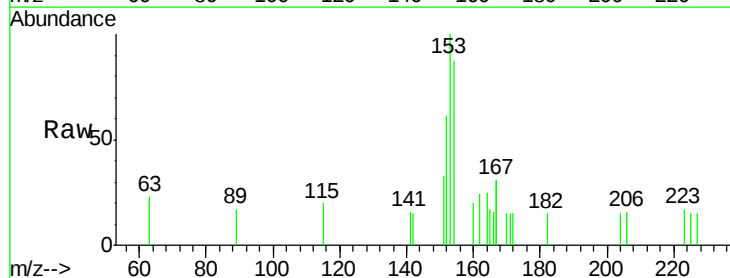
RT: 14.39 min Scan# 914

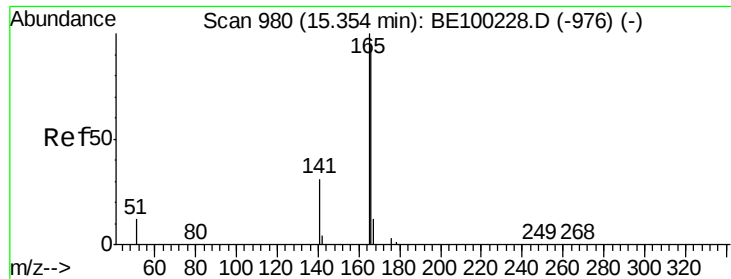
Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 414   |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 115.5 | 93.4  | 140.2 |
| 152       | 62.8  | 49.4  | 74.2  |





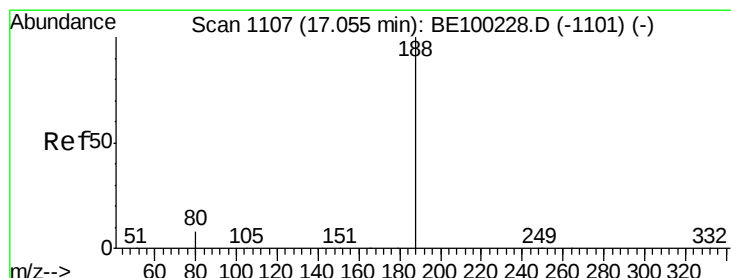
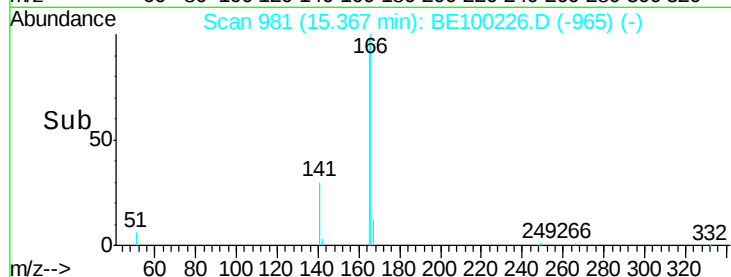
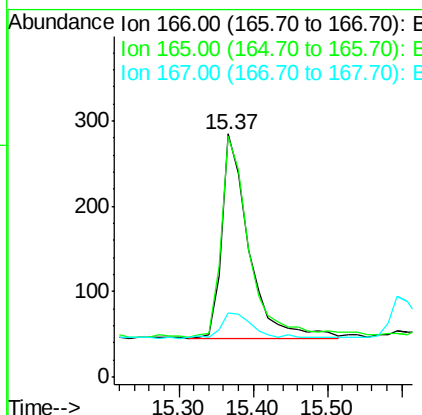
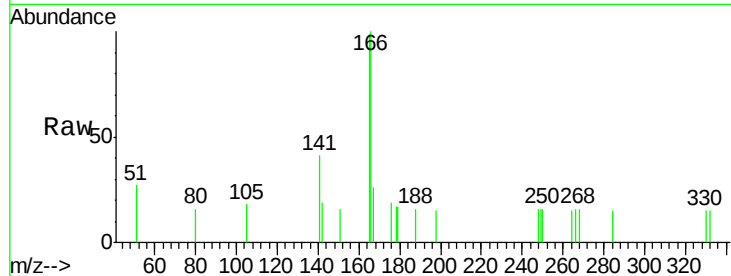
#18  
**Fluorene**  
 Concen: 0.101 ng  
 RT: 15.37 min Scan# 981  
 Delta R.T. 0.01 min  
 Lab File: BE100226.D  
 Acq: 28 Jun 2019 9:05

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.0 | 81.1  | 121.7 |
| 167     | 15.8  | 10.7  | 16.1  |

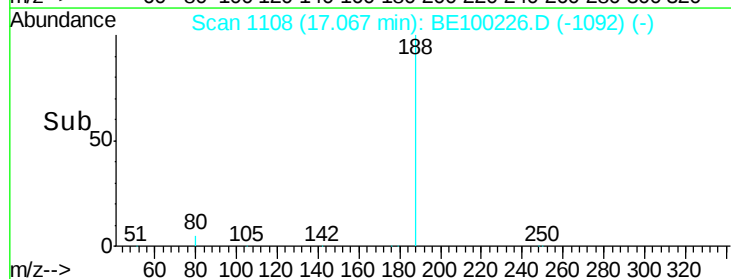
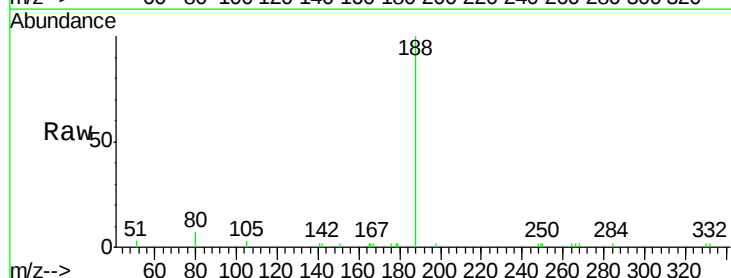
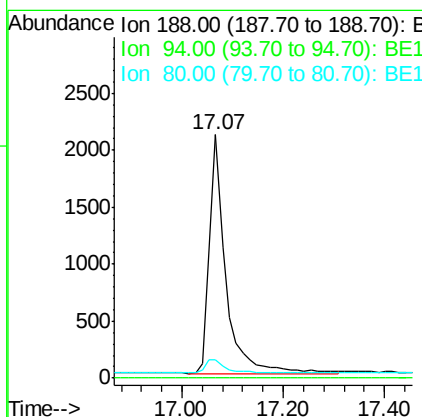
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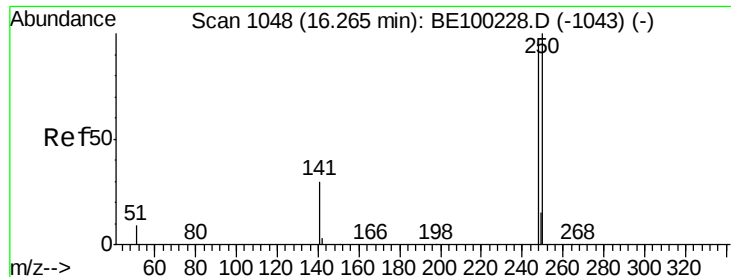
mohammad  
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#19  
**Phenanthrene-d10**  
 Concen: 0.400 ng  
 RT: 17.07 min Scan# 1108  
 Delta R.T. 0.01 min  
 Lab File: BE100226.D  
 Acq: 28 Jun 2019 9:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 7.4   | 7.6   | 11.4# |





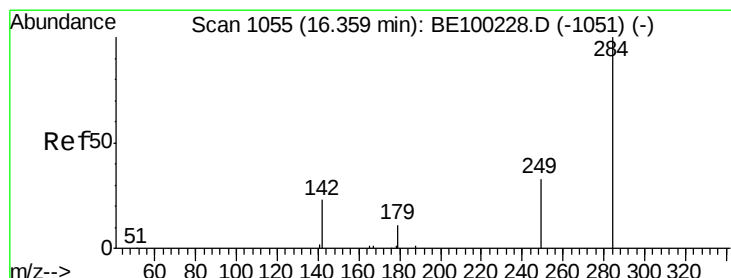
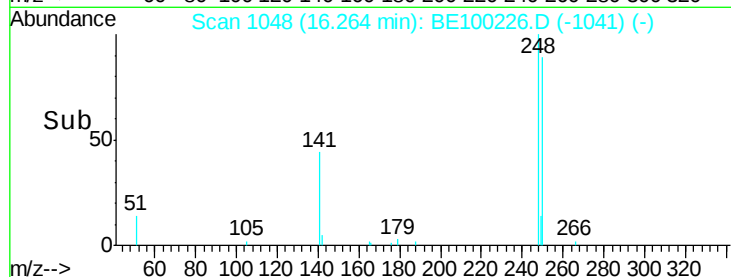
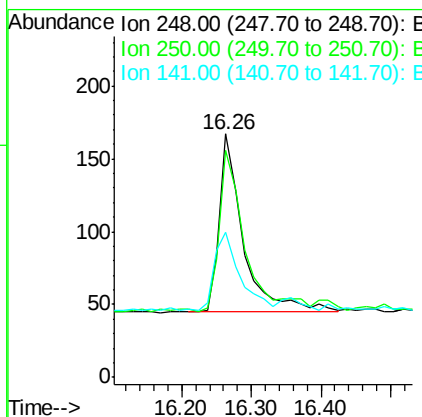
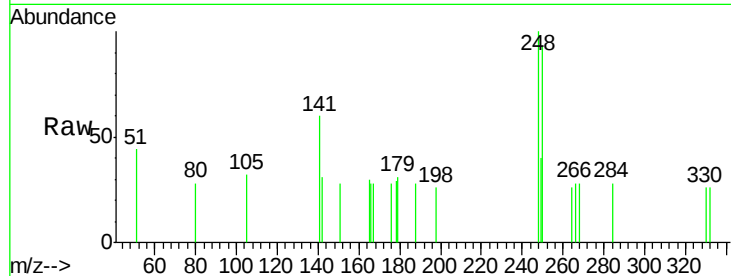
#20  
4-Bromophenyl-phenylether  
Concen: 0.099 ng  
RT: 16.26 min Scan# 1048  
Delta R.T. -0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 93.4  | 84.2  | 126.4 |
| 141     | 59.9  | 29.3  | 43.9  |

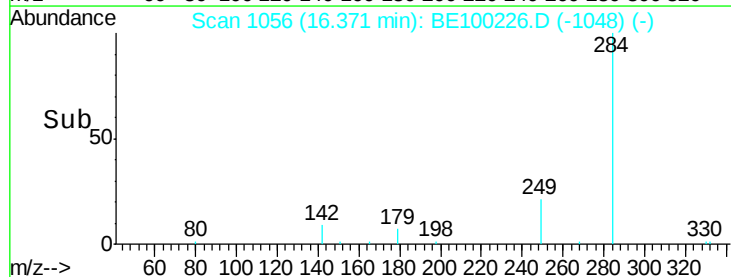
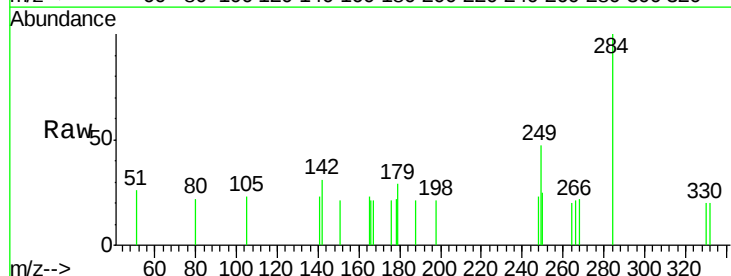
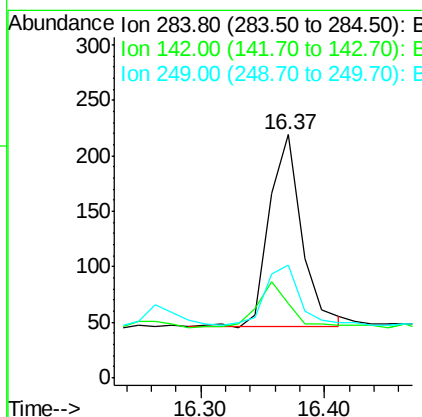
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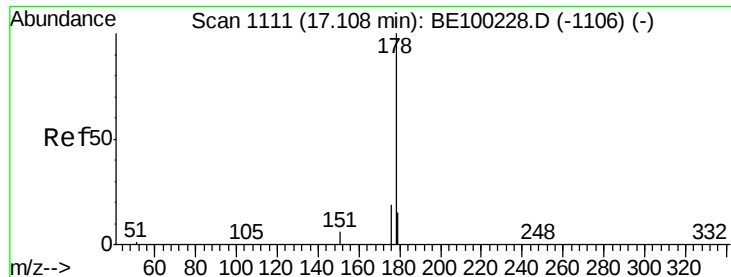
mohammad  
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#21  
Hexachlorobenzene  
Concen: 0.098 ng  
RT: 16.37 min Scan# 1056  
Delta R.T. 0.01 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 21.7  | 18.8  | 28.2  |
| 249     | 34.1  | 23.7  | 35.5  |





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

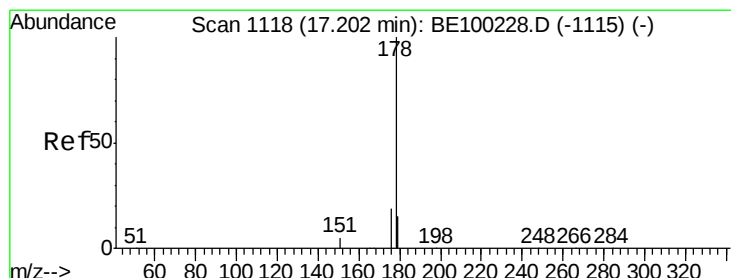
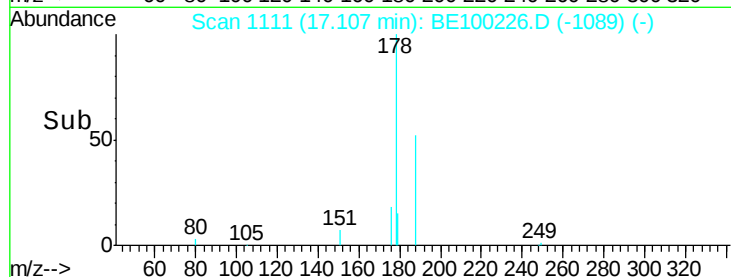
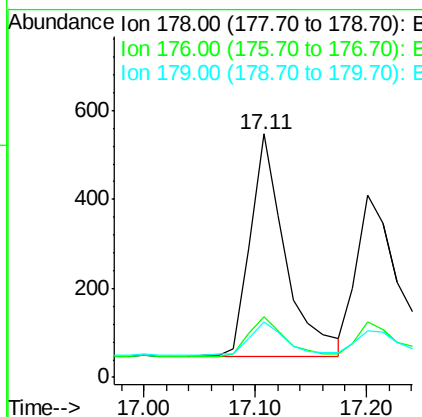
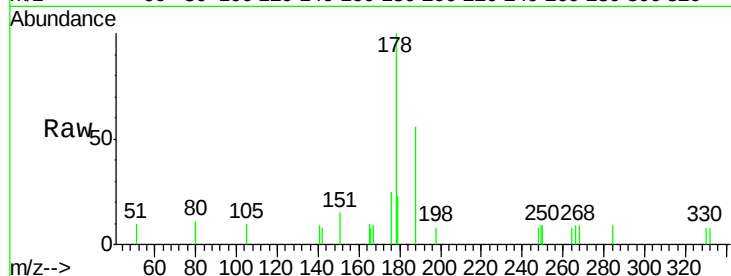
ClientSampleId :

SSTDIC0.1

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 1098 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 18.9  | 15.9  | 23.9 |
| 179       | 16.3  | 12.2  | 18.2 |

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#24

Anthracene

Concen: 0.091 ng

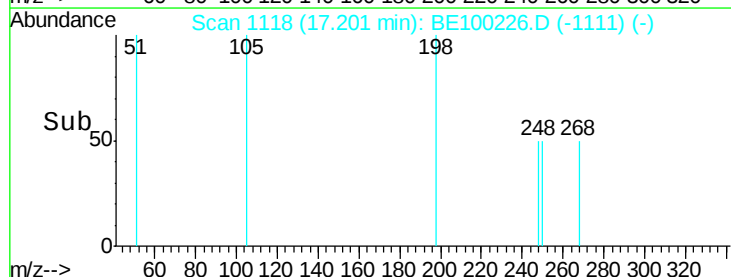
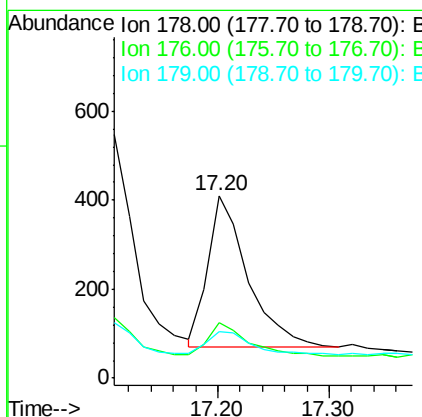
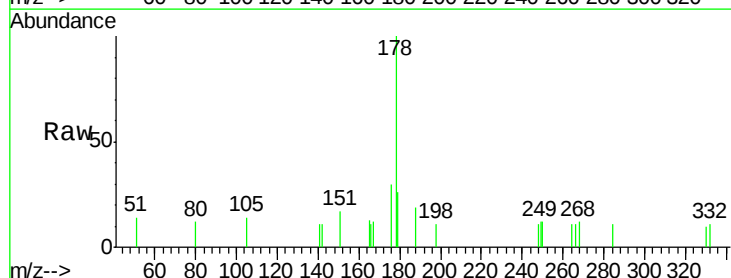
RT: 17.20 min Scan# 1118

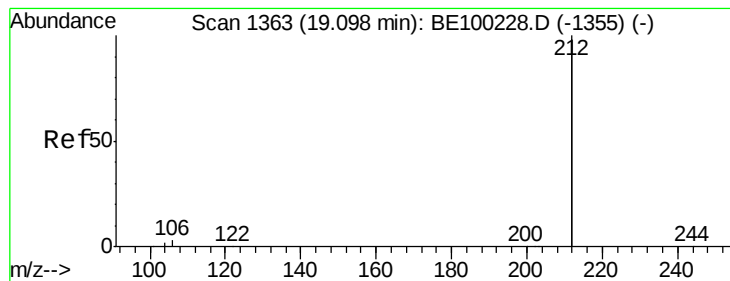
Delta R.T. -0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 856  |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 20.7  | 15.3  | 22.9 |
| 179       | 16.0  | 12.2  | 18.2 |





#25

Fluoranthene-d10

Concen: 0.098 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

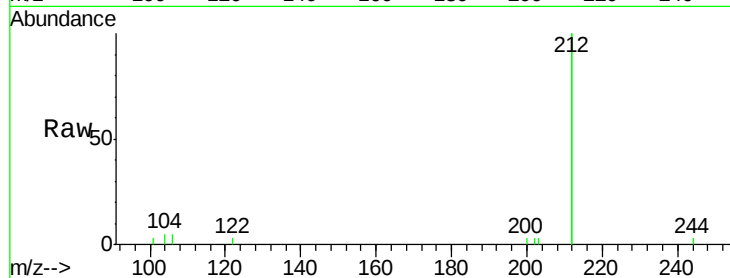
ClientSampleId :

SSTDIC0.1

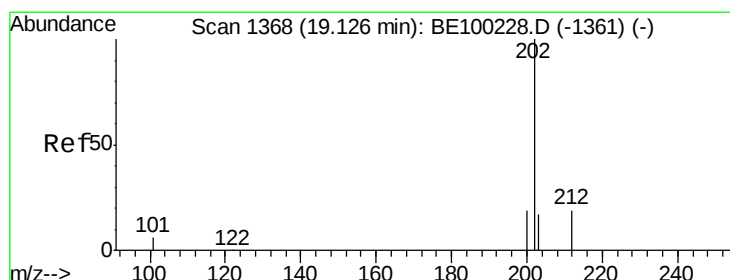
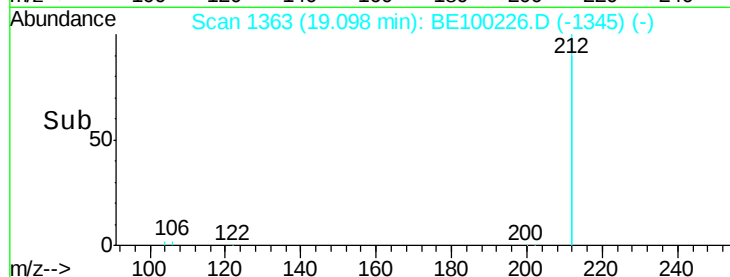
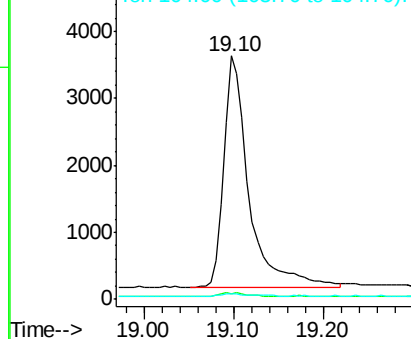
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 212   | Resp: | 6659 |
| Ion Ratio | Lower | Upper |      |
| 212       | 100   |       |      |
| 106       | 1.5   | 1.3   | 1.9  |
| 104       | 1.0   | 0.8   | 1.2  |

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Abundance Ion 212.00 (211.70 to 212.70): E  
Ion 106.00 (105.70 to 106.70): E  
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.097 ng

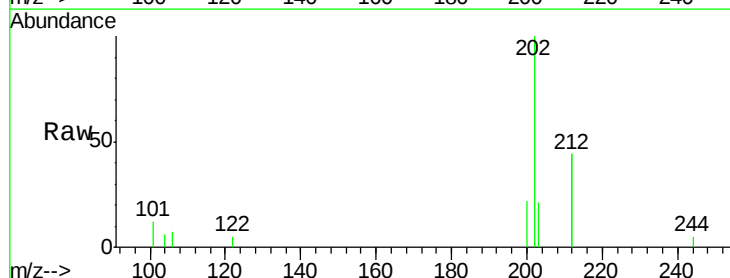
RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

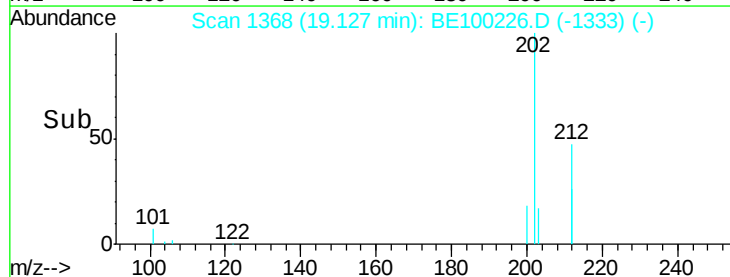
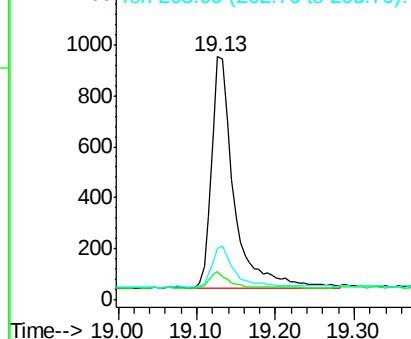
Lab File: BE100226.D

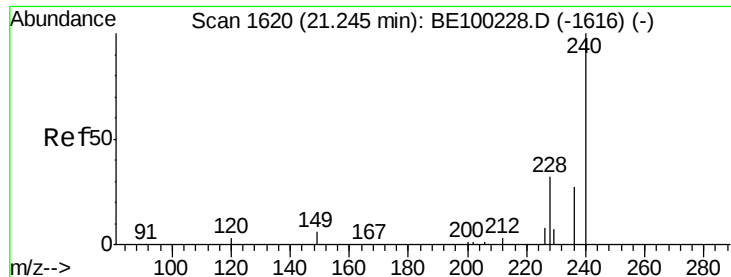
Acq: 28 Jun 2019 9:05

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 1764 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 5.8   | 4.6   | 7.0  |
| 203       | 17.2  | 13.7  | 20.5 |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





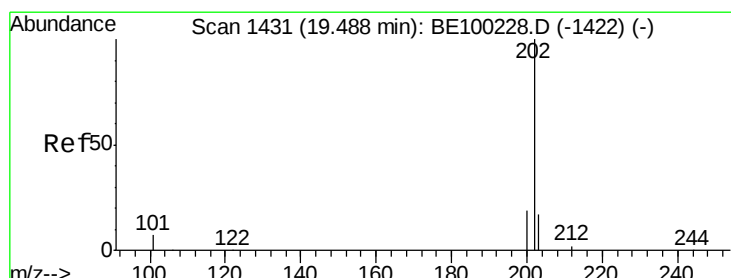
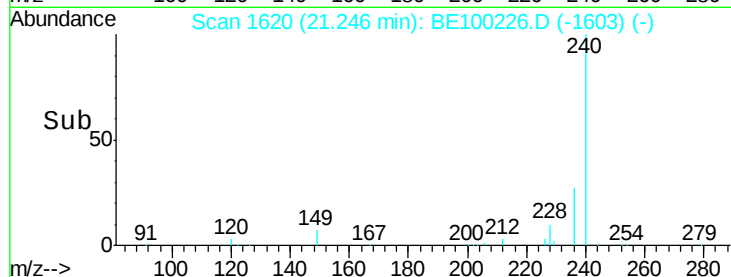
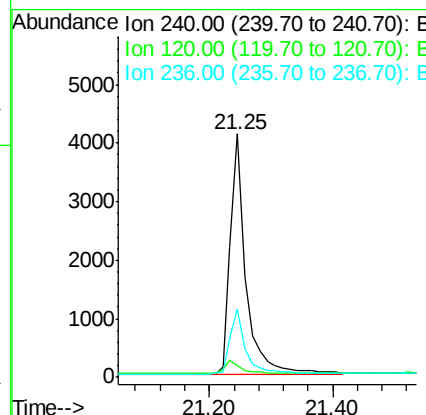
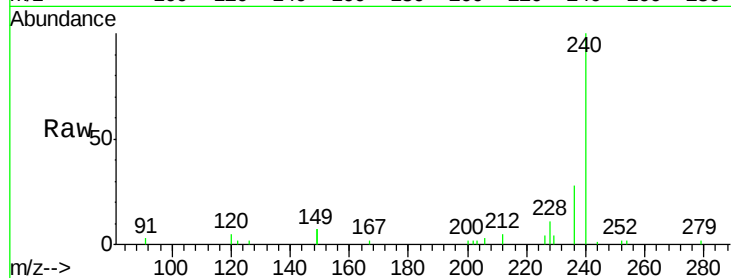
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.25 min Scan# 1620  
Delta R.T. 0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 4.7   | 3.3   | 4.9   |
| 236     | 28.0  | 22.6  | 34.0  |

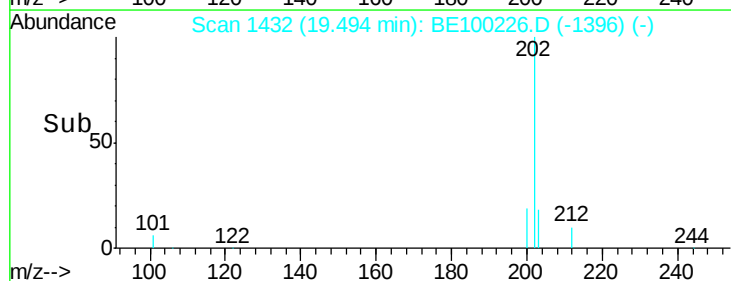
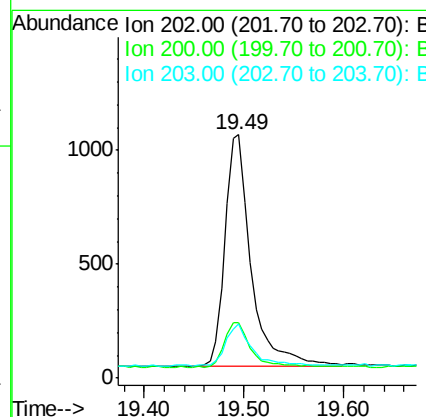
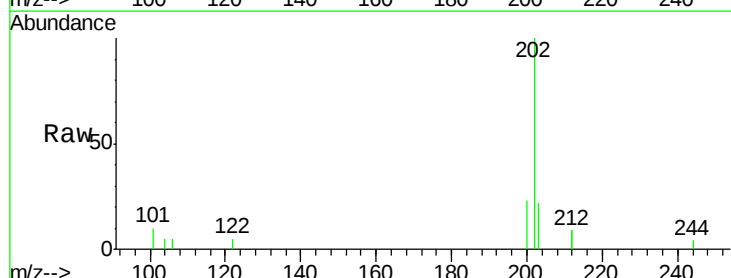
Manual Integrations  
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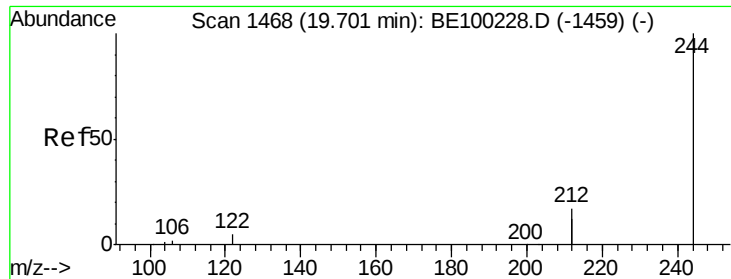
mohammad  
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#28  
Pyrene  
Concen: 0.101 ng  
RT: 19.49 min Scan# 1432  
Delta R.T. 0.01 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 19.2  | 15.6  | 23.4  |
| 203     | 18.0  | 14.0  | 21.0  |





#29

Terphenyl-d14

Concen: 0.103 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100226.D

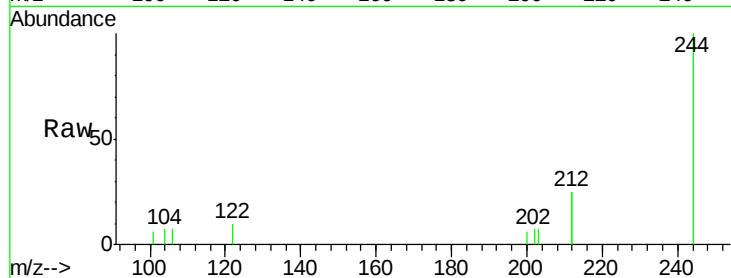
Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1



Tgt Ion: 244 Resp: 1472

Ion Ratio Lower Upper

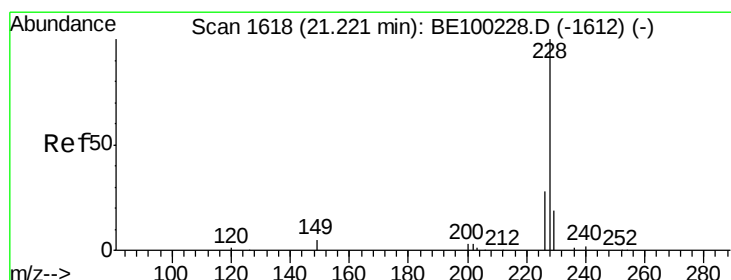
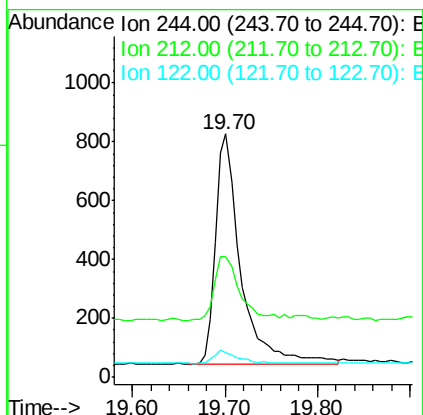
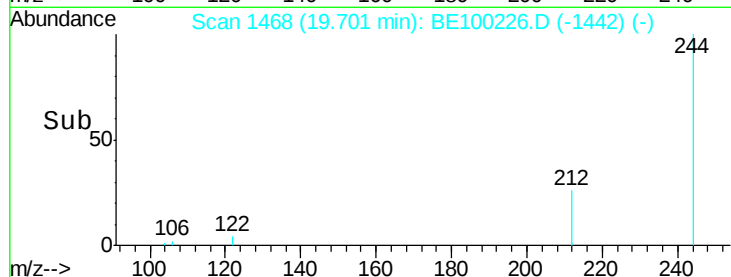
244 100

212 49.6 27.3 40.9#

122 9.9 4.7 7.1#

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#30

Benzo(a)anthracene

Concen: 0.105 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

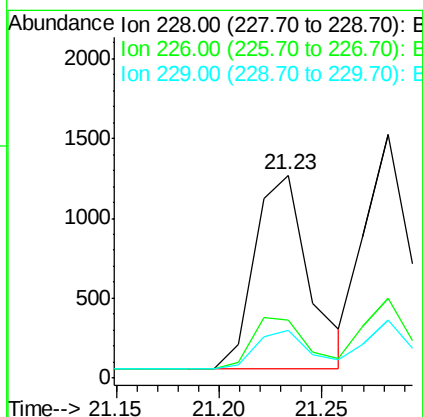
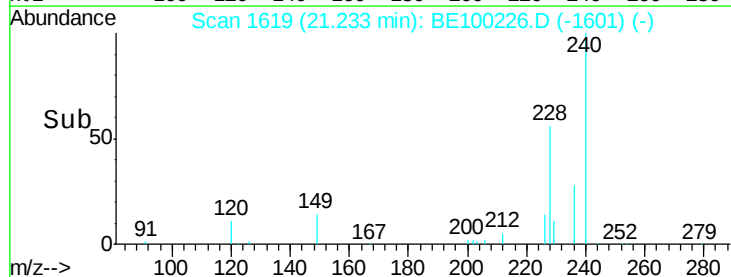
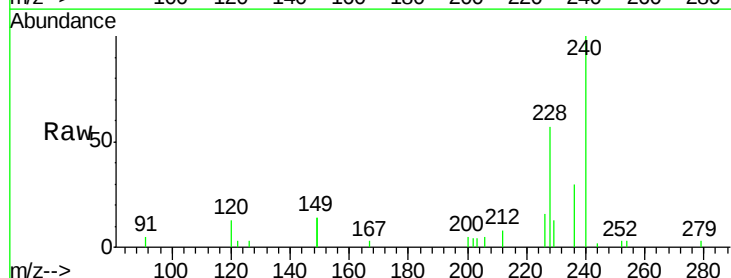
Tgt Ion: 228 Resp: 2249

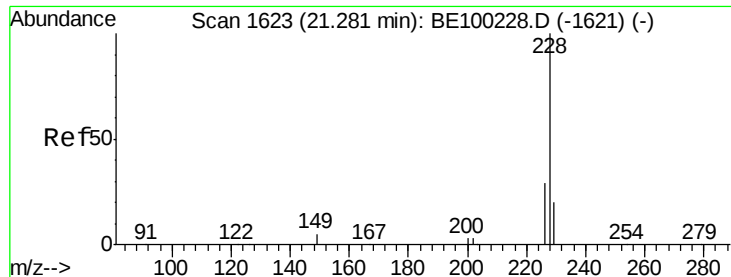
Ion Ratio Lower Upper

228 100

226 28.4 23.2 34.8

229 23.2 15.7 23.5





#31

Chrysene

Concen: 0.094 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

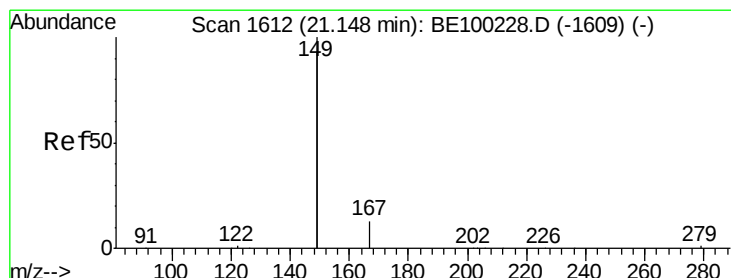
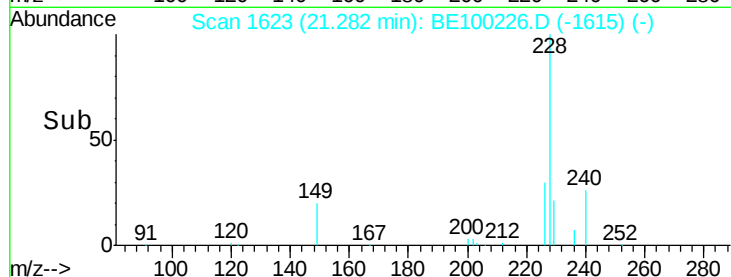
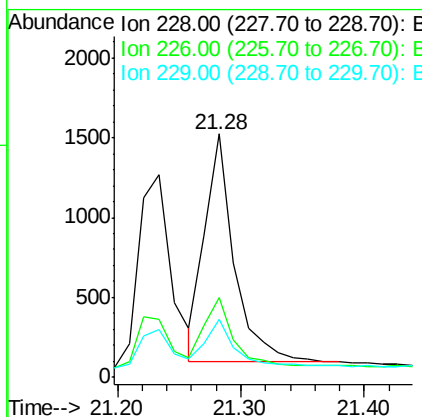
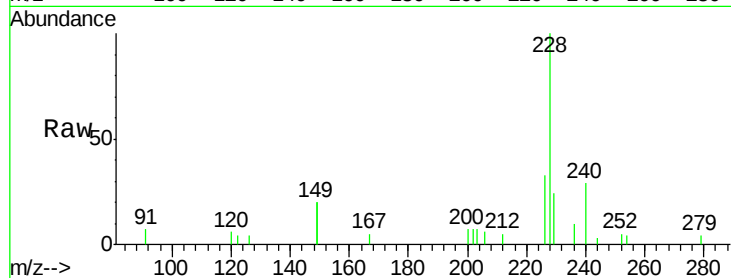
ClientSampleId :

SSTDIC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 2361  |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 32.6  | 23.9  | 35.9  |
| 229      | 24.0  | 16.5  | 24.7  |

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.244 ng

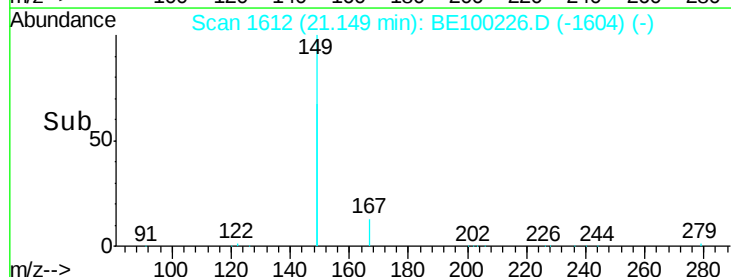
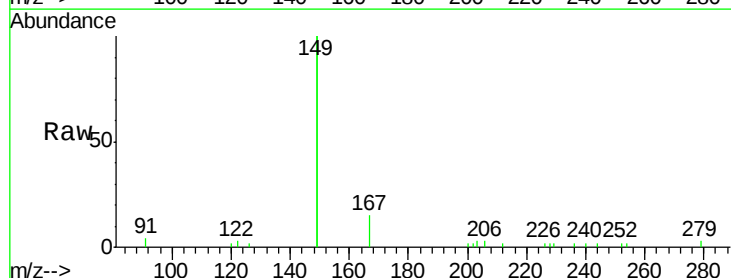
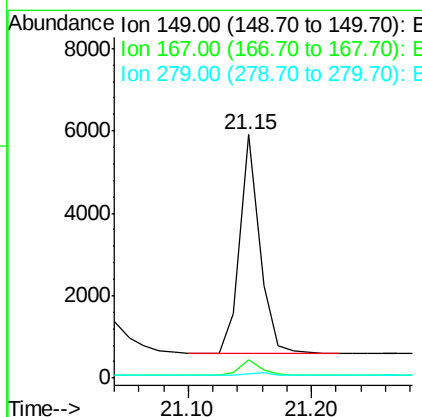
RT: 21.15 min Scan# 1612

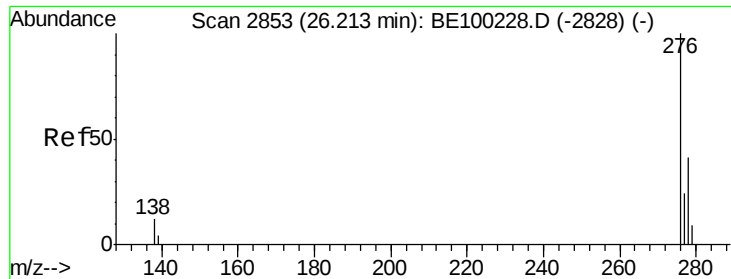
Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 6005  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 8.7   | 5.8   | 8.8   |
| 279      | 1.5   | 1.1   | 1.7   |





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.086 ng

RT: 26.22 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

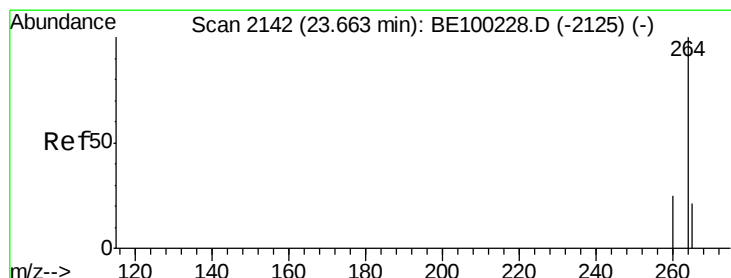
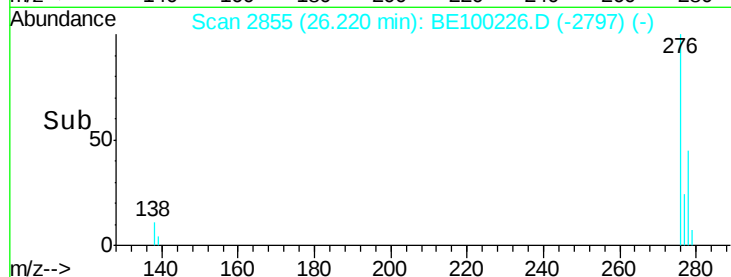
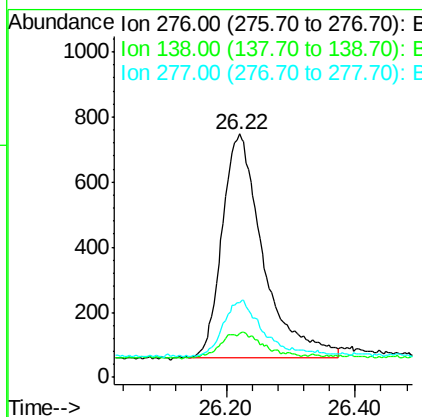
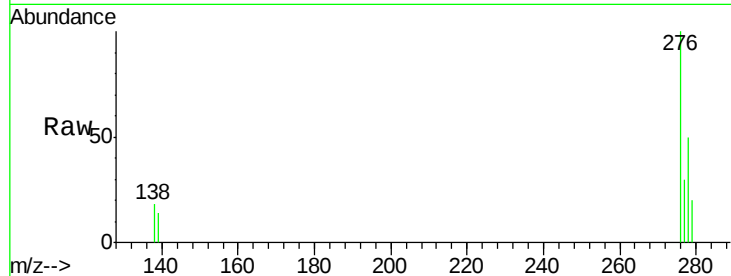
ClientSampleId :

SSTDIC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 3067  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 0.0   | 9.4   | 14.0# |
| 277       | 22.6  | 19.2  | 28.8  |

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#34

Perylene-d12

Concen: 0.400 ng

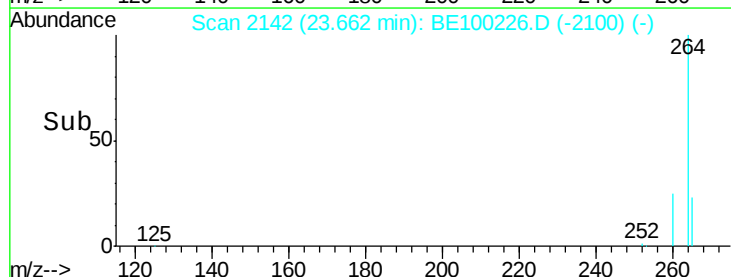
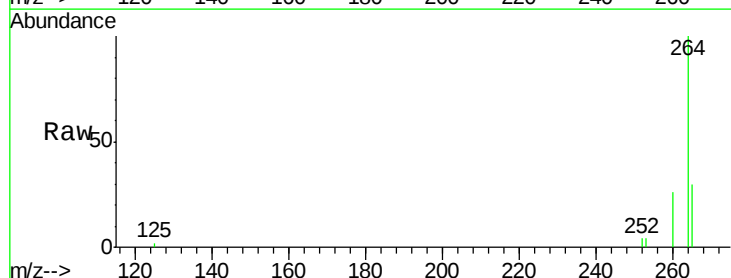
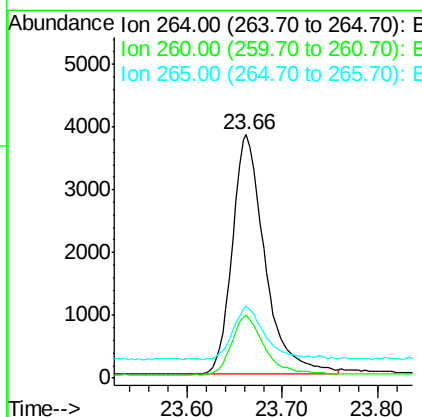
RT: 23.66 min Scan# 2142

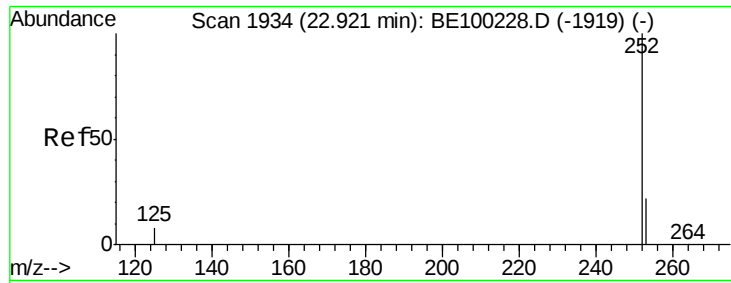
Delta R.T. -0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 9094 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 26.2  | 20.8  | 31.2 |
| 265       | 29.8  | 21.8  | 32.6 |





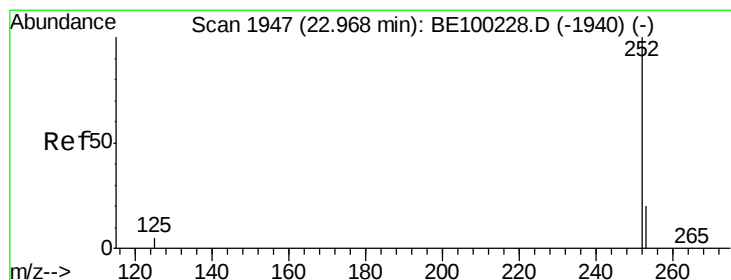
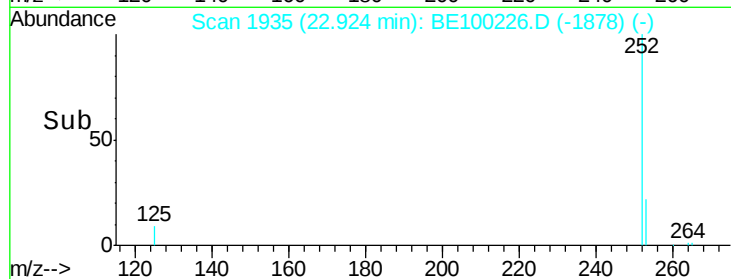
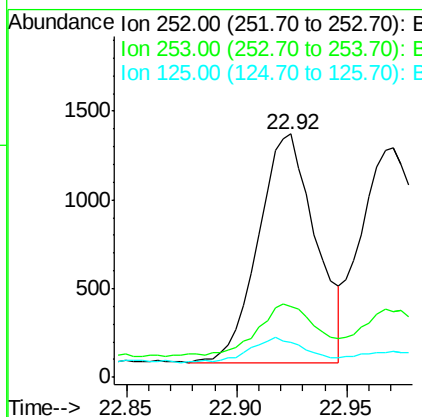
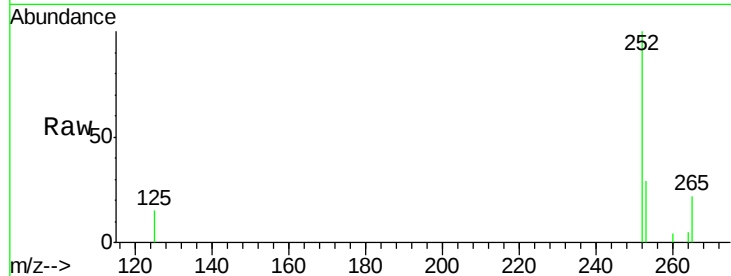
#35  
Benzo(b)fluoranthene  
Concen: 0.095 ng  
RT: 22.92 min Scan# 1935  
Delta R.T. 0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 29.3  | 19.2  | 28.8# |
| 125     | 14.5  | 7.4   | 11.0# |

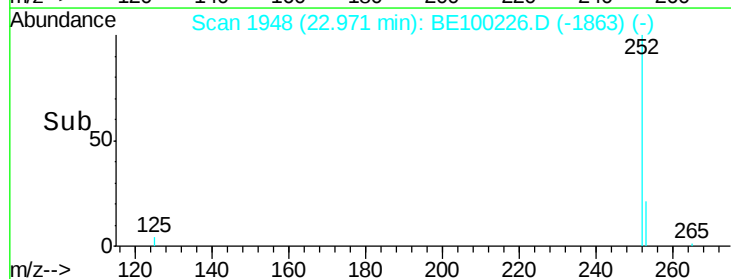
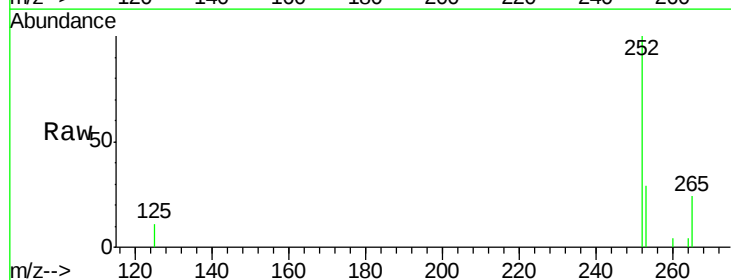
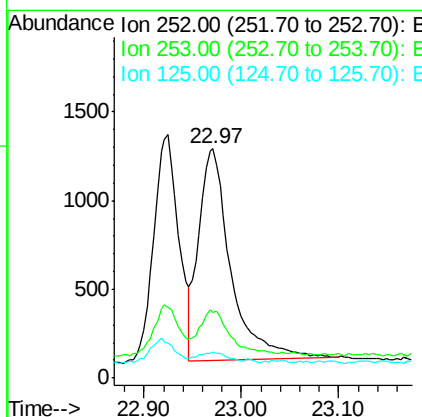
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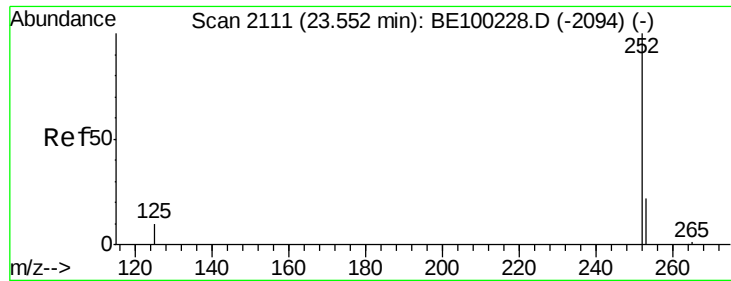
mohammad  
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#36  
Benzo(k)fluoranthene  
Concen: 0.093 ng  
RT: 22.97 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: BE100226.D  
Acq: 28 Jun 2019 9:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 28.9  | 17.9  | 26.9# |
| 125     | 11.1  | 5.0   | 7.4#  |





#37

Benzo(a)pyrene

Concen: 0.094 ng

RT: 23.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

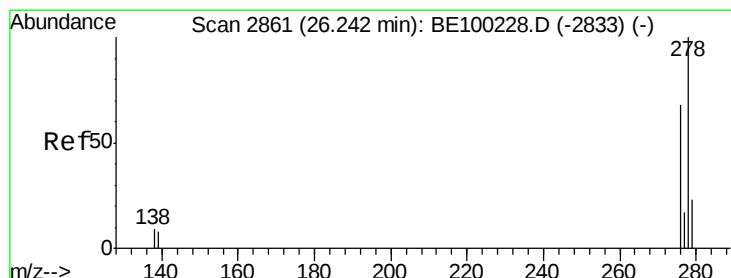
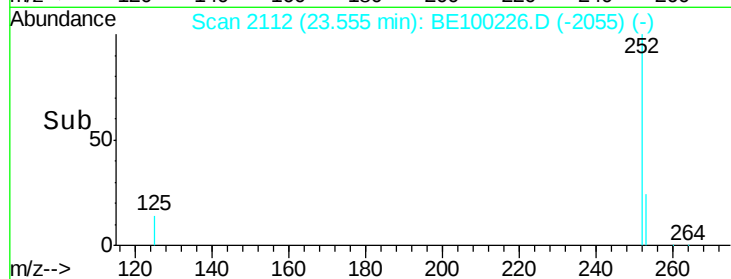
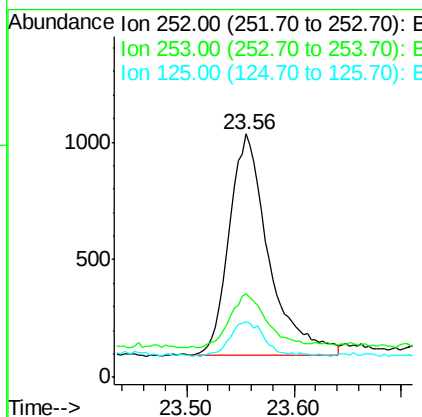
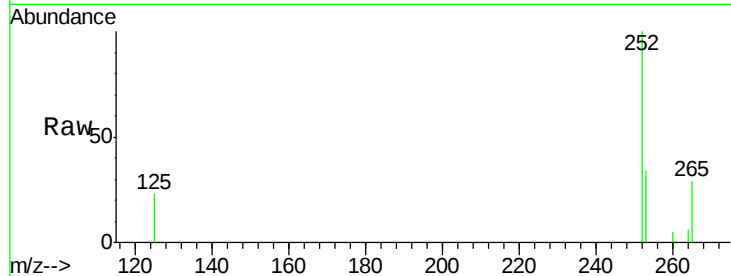
ClientSampleId :

SSTDICC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 2390  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 34.2  | 19.6  | 29.4# |
| 125       | 22.6  | 9.0   | 13.6# |

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#38

Dibenzo(a,h)anthracene

Concen: 0.091 ng

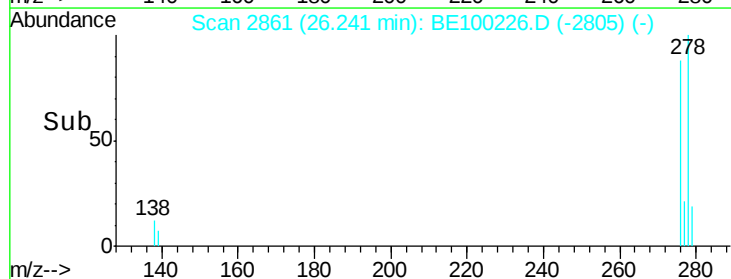
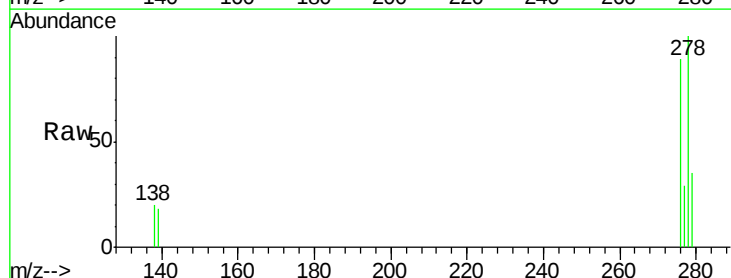
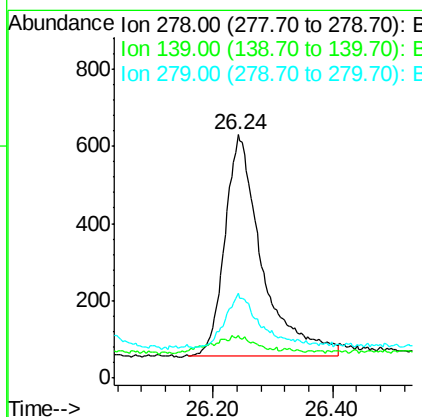
RT: 26.24 min Scan# 2861

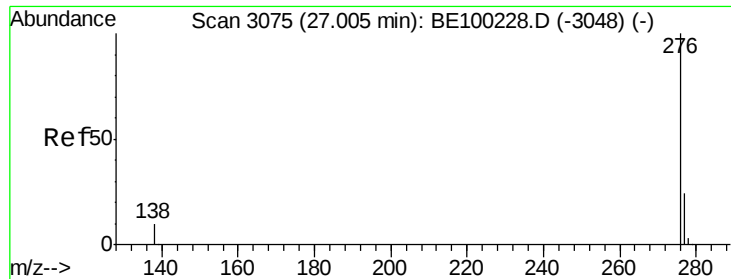
Delta R.T. -0.00 min

Lab File: BE100226.D

Acq: 28 Jun 2019 9:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 2466  |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 17.6  | 8.2   | 12.2# |
| 279       | 34.8  | 20.3  | 30.5# |





#39

Benzo(g,h,i)perylene

Concen: 0.092 ng

RT: 27.00 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BE100226.D

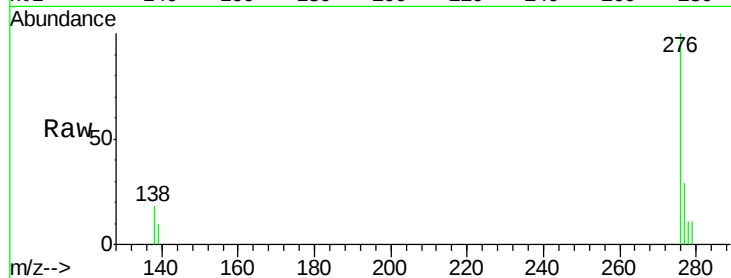
Acq: 28 Jun 2019 9:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.1



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 2595 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 29.3  | 20.2  | 30.2 |
| 138       | 17.9  | 9.0   | 13.6 |

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