

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\  
 Data File : BE094980.D  
 Acq On : 14 Dec 2017 17:13  
 Operator : SJ/JU  
 Sample : SSTDICC1.6  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

Manual Integrations  
 APPROVED

Sohil  
 12/15/2017 7:54:34 PM

Quant Time: Dec 14 17:59:39 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 17:23:49 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 8.47  | 152  | 6337     | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 11.33 | 136  | 14205    | 0.40  | ng    | 0.00           |
| 13) Acenaphthene-d10           | 15.06 | 164  | 8280     | 0.40  | ng    | 0.00           |
| 19) Phenanthrene-d10           | 17.77 | 188  | 18864    | 0.40  | ng    | 0.00           |
| 27) Chrysene-d12               | 21.87 | 240  | 21819    | 0.40  | ng    | 0.00           |
| 34) Perylene-d12               | 24.55 | 264  | 15614    | 0.40  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.95  | 112  | 15804    | 1.58  | ng    | 0.00           |
| 5) Phenol-d6                   | 7.59  | 99   | 24061    | 1.62  | ng    | 0.00           |
| 8) Nitrobenzene-d5             | 9.65  | 82   | 19604    | 2.33  | ng    | 0.00           |
| 11) 2-Methylnaphthalene-d10    | 12.86 | 152  | 38835    | 1.71  | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol       | 16.53 | 330  | 3863     | 2.16  | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 13.70 | 172  | 60228    | 1.70  | ng    | 0.00           |
| 25) Fluoranthene-d10           | 19.75 | 212  | 416344   | 1.62  | ng    | 0.00           |
| 29) Terphenyl-d14              | 20.31 | 244  | 69002    | 1.71  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 2) 1,4-Dioxane                 | 3.66  | 88   | 9799     | 1.478 | ng    | Qvalue<br># 87 |
| 3) n-Nitrosodimethylamine      | 4.01  | 42   | 12858    | 1.522 | ng    | # 90           |
| 6) bis(2-Chloroethyl)ether     | 7.87  | 93   | 23612    | 1.603 | ng    | 95             |
| 9) Naphthalene                 | 11.38 | 128  | 274244   | 1.647 | ng    | 99             |
| 10) Hexachlorobutadiene        | 11.64 | 225  | 12338    | 1.756 | ng    | 98             |
| 12) 2-Methylnaphthalene        | 12.93 | 142  | 67693    | 1.636 | ng    | 98             |
| 16) Acenaphthylene             | 14.79 | 152  | 77366    | 1.654 | ng    | 100            |
| 17) Acenaphthene               | 15.12 | 154  | 49000    | 1.620 | ng    | 96             |
| 18) Fluorene                   | 16.08 | 166  | 61617    | 1.601 | ng    | # 78           |
| 20) 4-Bromophenyl-phenylether  | 16.97 | 248  | 19003    | 1.806 | ng    | # 76           |
| 21) Hexachlorobenzene          | 17.09 | 284  | 18915    | 1.843 | ng    | # 82           |
| 22) Pentachlorophenol          | 17.42 | 266  | 4355m    | 1.717 | ng    |                |
| 23) Phenanthrene               | 17.82 | 178  | 98960    | 1.646 | ng    | 99             |
| 24) Anthracene                 | 17.91 | 178  | 100628   | 1.579 | ng    | 96             |
| 26) Fluoranthene               | 19.78 | 202  | 125672   | 1.626 | ng    | 99             |
| 28) Pyrene                     | 20.13 | 202  | 124359   | 1.651 | ng    | 96             |
| 30) Benzo(a)anthracene         | 21.85 | 228  | 108341   | 1.619 | ng    | # 62           |
| 31) Chrysene                   | 21.92 | 228  | 116570   | 1.577 | ng    | # 63           |
| 32) Bis(2-ethylhexyl)phthalate | 21.75 | 149  | 136806   | 1.234 | ng    | 100            |
| 33) Indeno(1,2,3-cd)pyrene     | 27.41 | 276  | 97408    | 1.610 | ng    | 99             |
| 35) Benzo(b)fluoranthene       | 23.72 | 252  | 99169    | 1.740 | ng    | # 88           |
| 36) Benzo(k)fluoranthene       | 23.77 | 252  | 99165    | 1.707 | ng    | 96             |
| 37) Benzo(a)pyrene             | 24.43 | 252  | 86717    | 1.735 | ng    | 95             |
| 38) Dibenzo(a,h)anthracene     | 27.44 | 278  | 82651    | 1.790 | ng    | 96             |
| 39) Benzo(g,h,i)perylene       | 28.30 | 276  | 81205    | 1.761 | ng    | 95             |

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

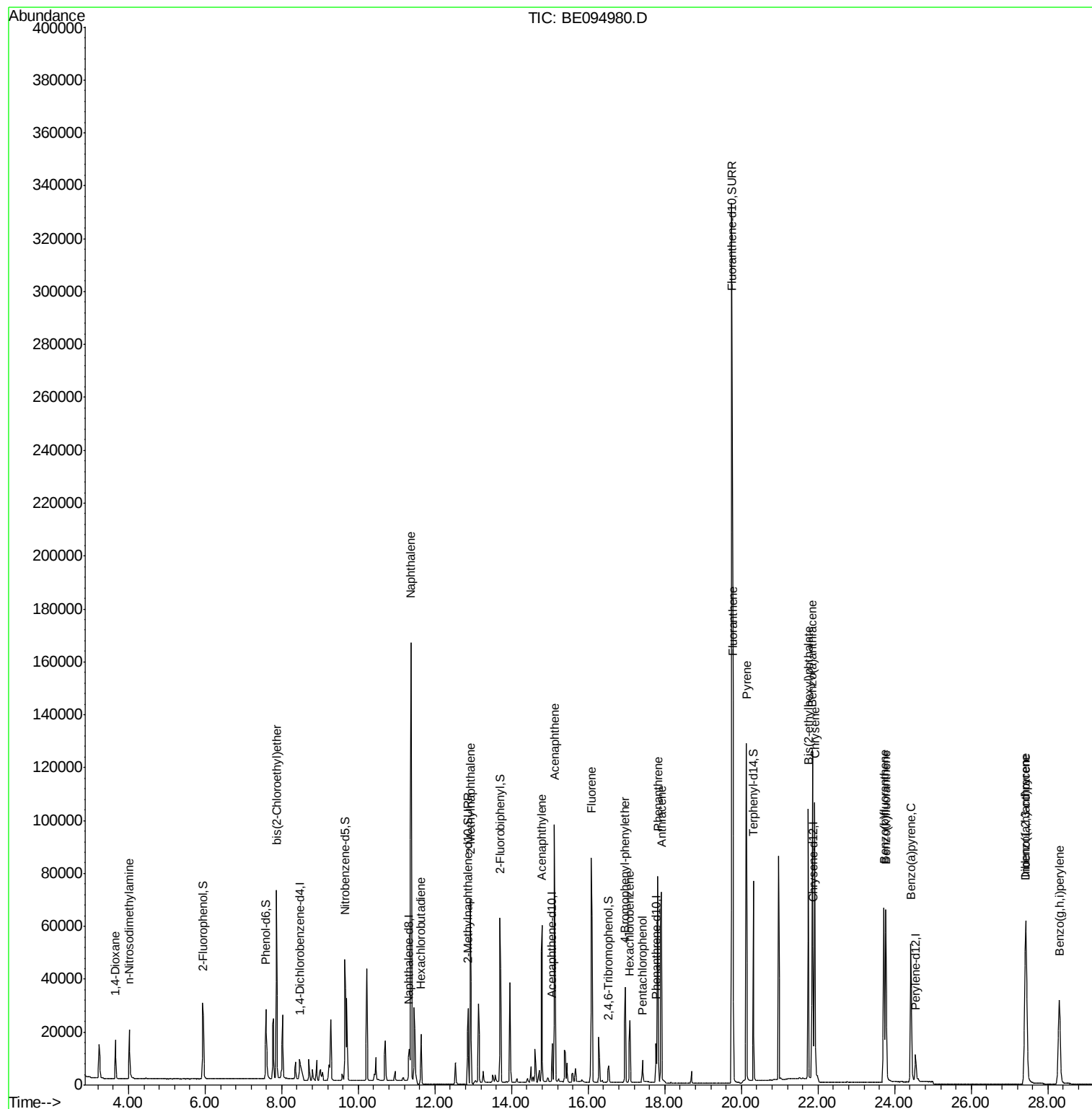
Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\  
Data File : BE094980.D  
Acq On : 14 Dec 2017 17:13  
Operator : SJ/JU  
Sample : SSTDIC1.6  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

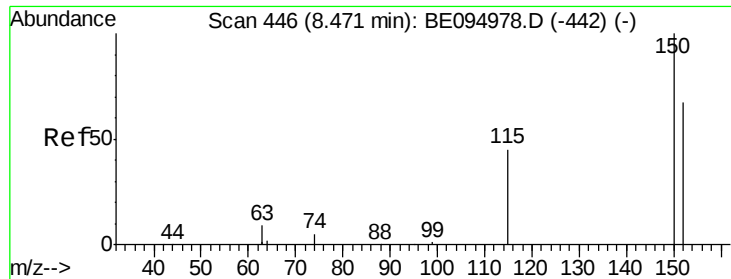
Instrument :  
BNA\_E  
ClientSampled :  
SSTDICC1.6

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Quant Time: Dec 14 17:59:39 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 14 17:23:49 2017  
Response via : Initial Calibration





#1

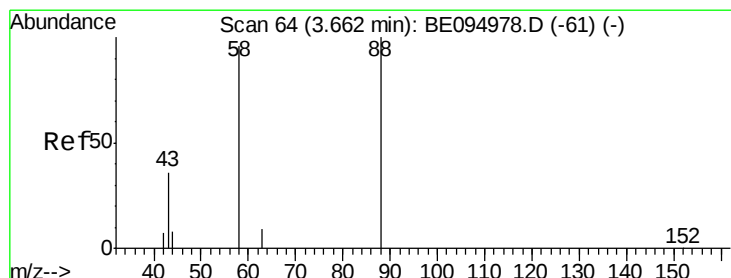
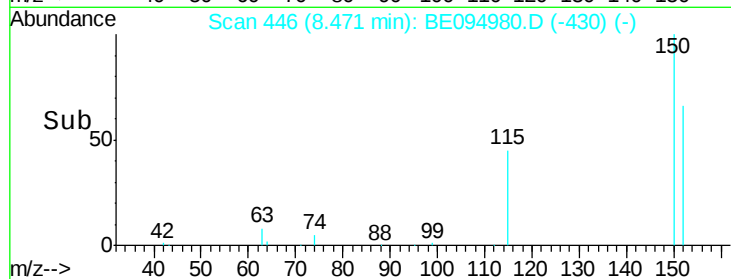
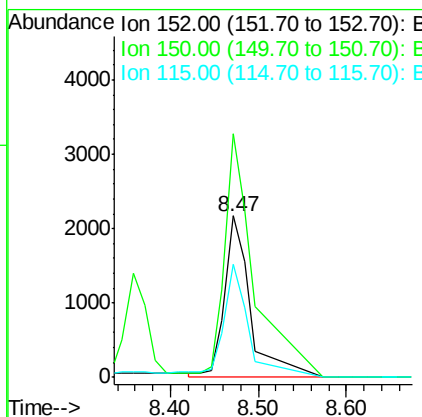
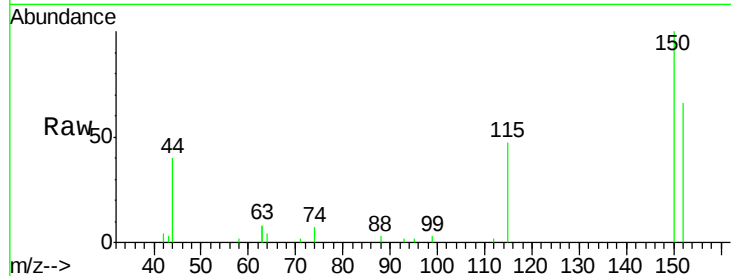
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.47 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.1 | 117.2 | 175.8 |
| 115     | 70.4  | 57.0  | 85.6  |

Manual Integrations  
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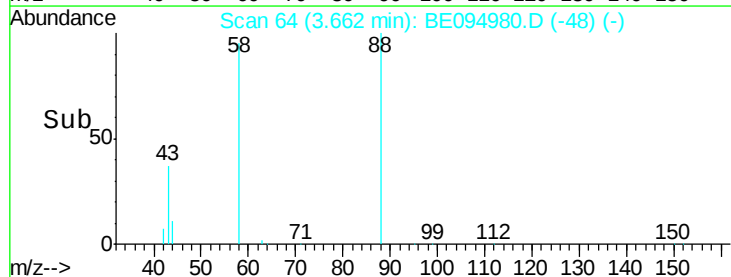
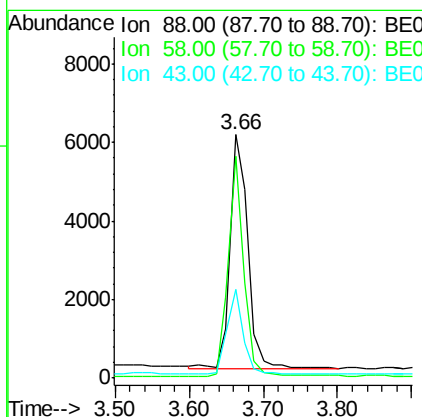
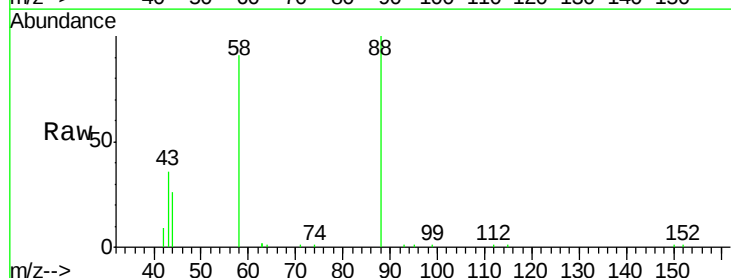
Sohil  
12/15/2017 7:54:34 PM

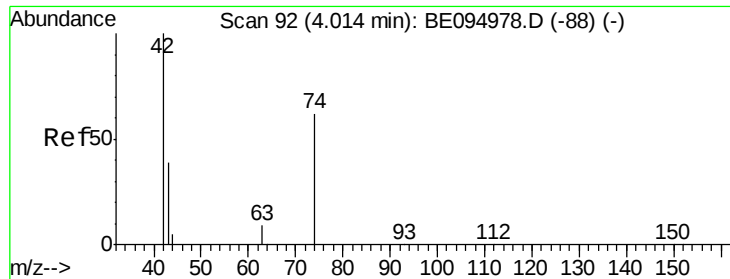


#2

1,4-Dioxane  
Concen: 1.478 ng  
RT: 3.66 min Scan# 64  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.9  | 63.2  | 94.8  |
| 43      | 32.5  | 41.2  | 61.8  |





#3

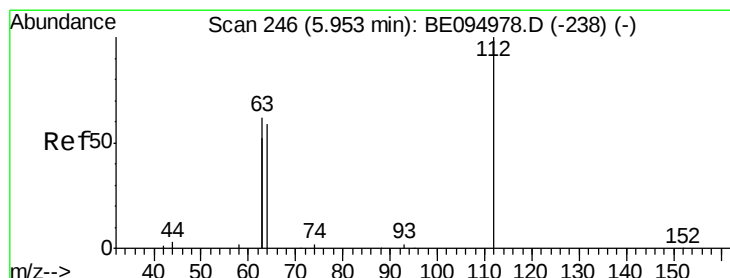
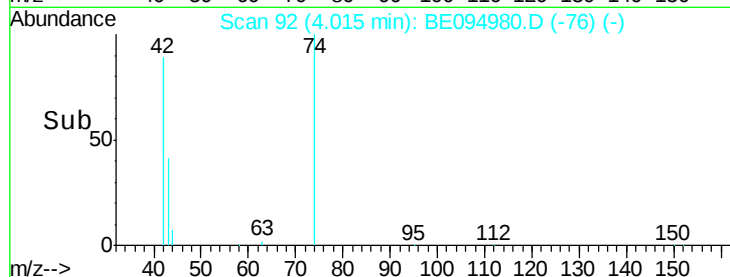
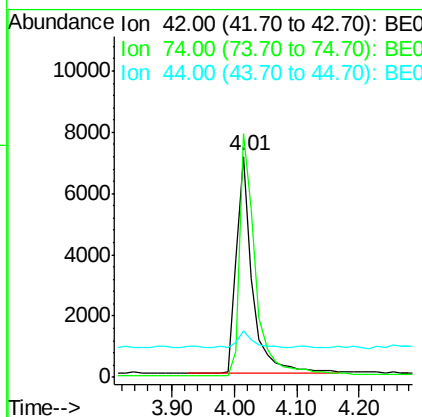
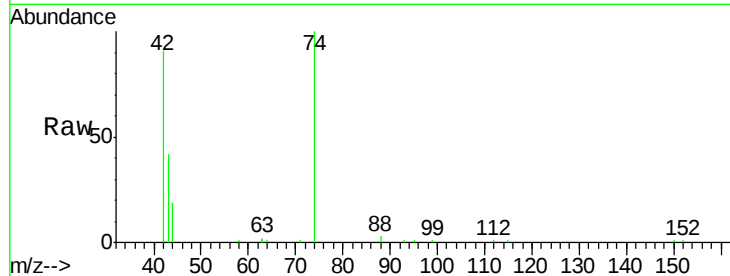
n-Nitrosodimethylamine  
 Concen: 1.522 ng  
 RT: 4.01 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 109.4 | 96.0  | 144.0 |
| 44      | 8.3   | 12.0  | 18.0  |

Manual Integrations  
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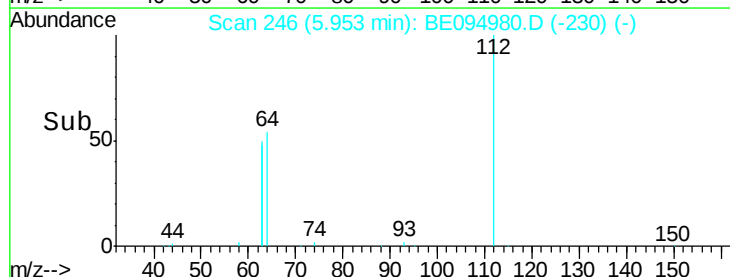
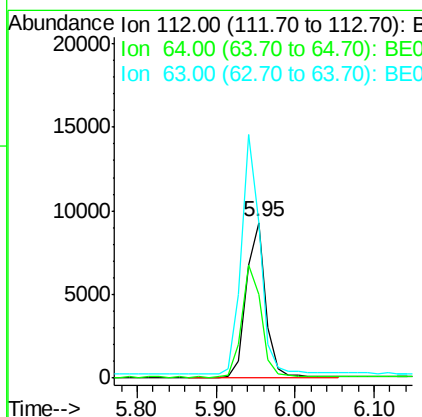
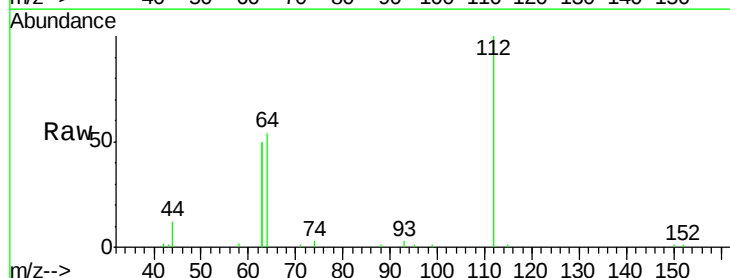
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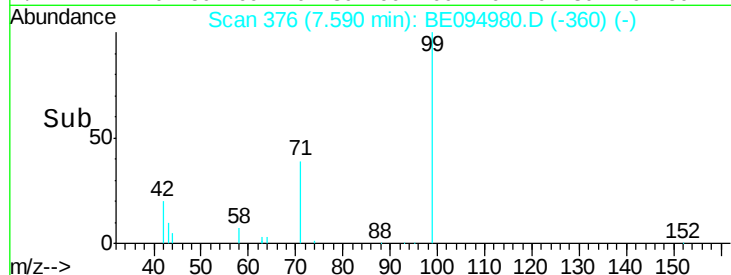
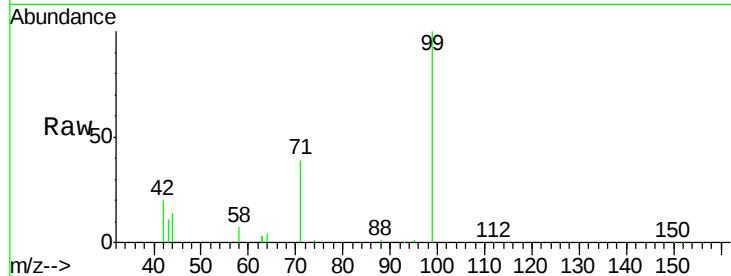
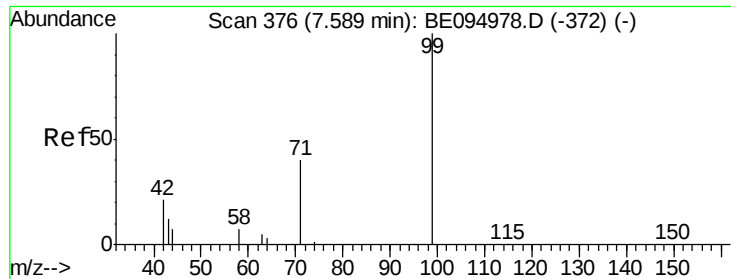


#4

2-Fluorophenol  
 Concen: 1.576 ng  
 RT: 5.95 min Scan# 246  
 Delta R.T. 0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 73.7  | 60.1  | 90.1  |
| 63      | 150.5 | 116.8 | 175.2 |





#5

Phenol-d6

Concen: 1.619 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 24061 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 23.2  | 20.2  | 30.2  |
| 71        | 37.3  | 28.4  | 42.6  |

Instrument :

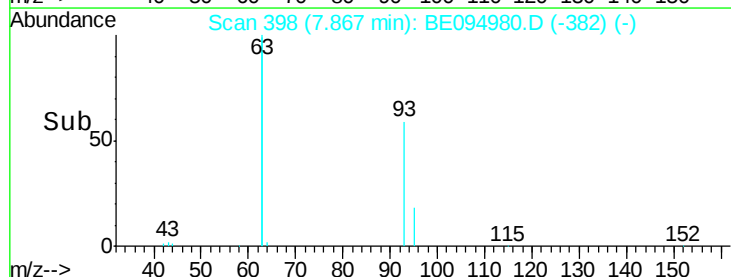
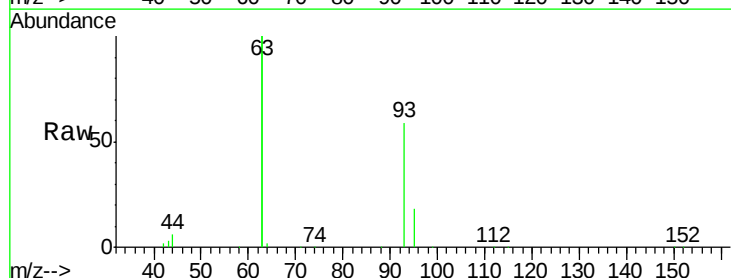
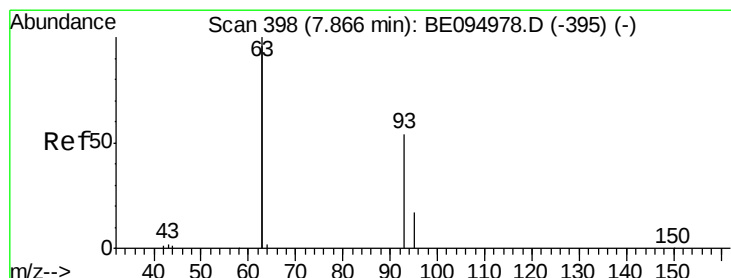
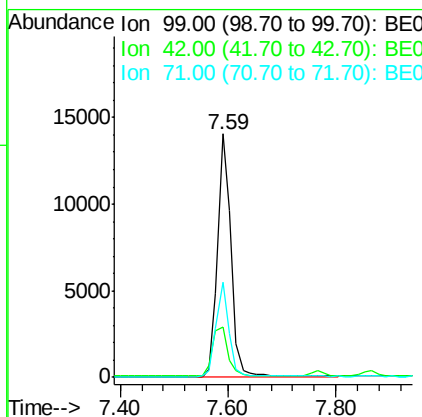
BNA\_E

ClientSampleId :

SSTDICC1.6

Manual Integrations  
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#6

bis(2-Chloroethyl)ether

Concen: 1.603 ng

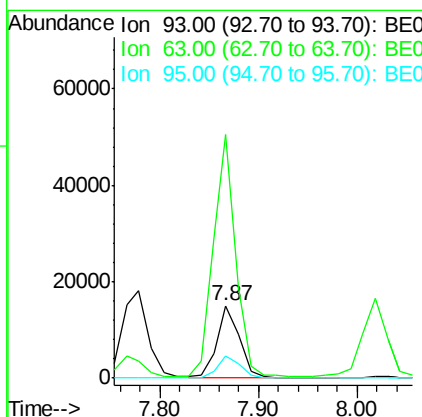
RT: 7.87 min Scan# 398

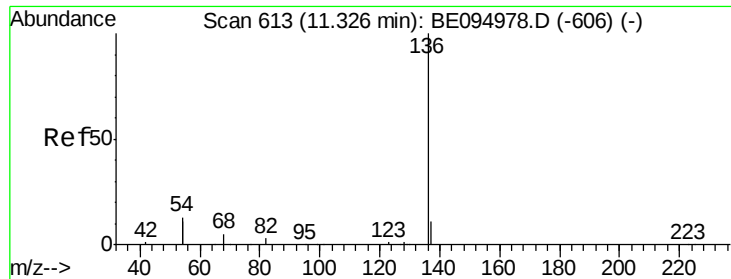
Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 23612 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 333.4 | 275.3 | 412.9 |
| 95        | 31.3  | 25.2  | 37.8  |





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

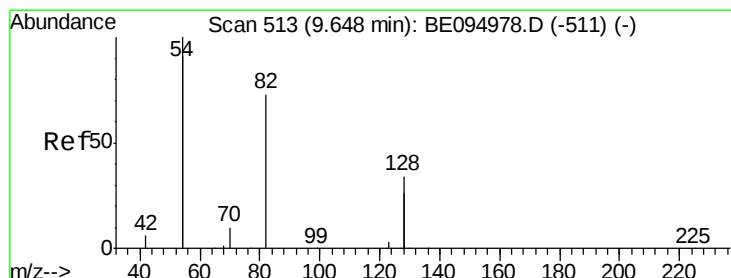
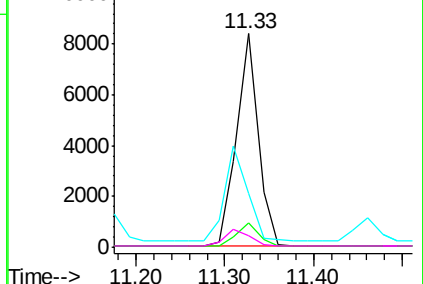
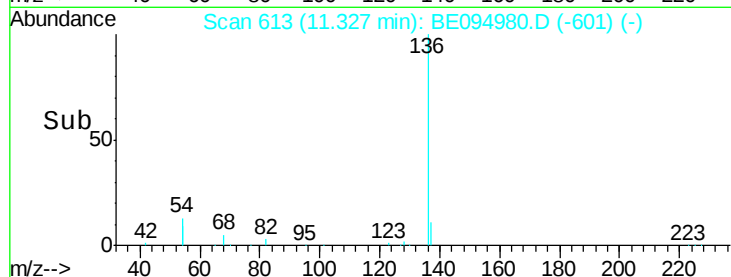
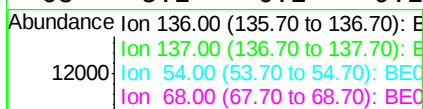
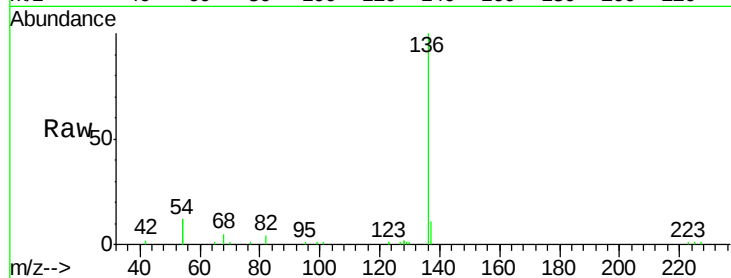
ClientSampleId :

SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.4  | 9.5   | 14.3  |
| 54      | 24.9  | 29.1  | 43.7# |
| 68      | 5.2   | 6.2   | 9.2#  |

Manual Integrations  
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#8

Nitrobenzene-d5

Concen: 2.331 ng

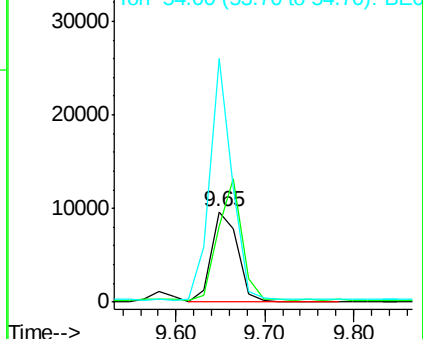
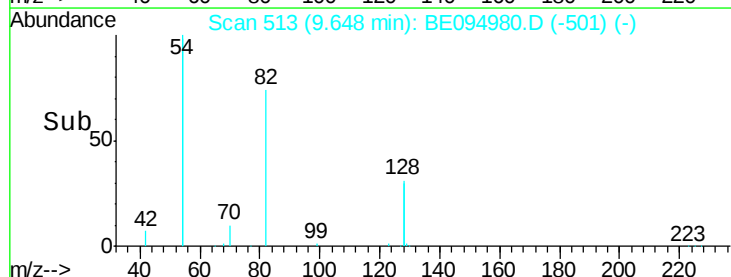
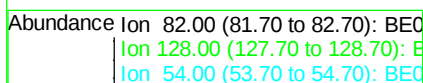
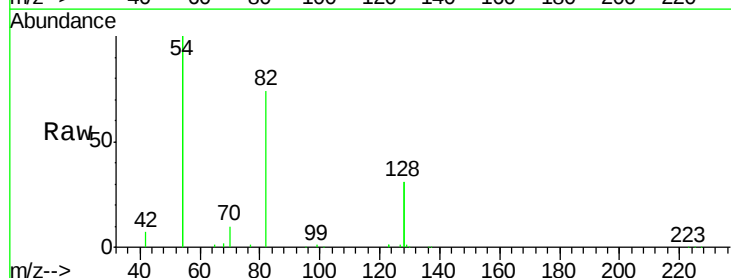
RT: 9.65 min Scan# 513

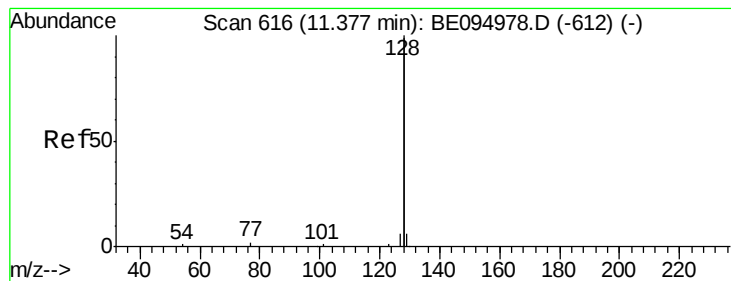
Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 82      | 100   |       |        |
| 128     | 84.6  | 150.0 | 225.0# |
| 54      | 269.4 | 154.2 | 231.4# |





#9

Naphthalene

Concen: 1.647 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

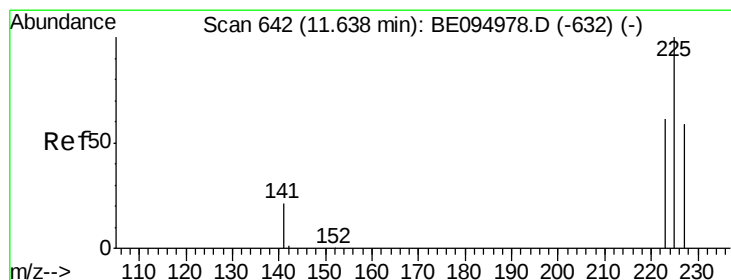
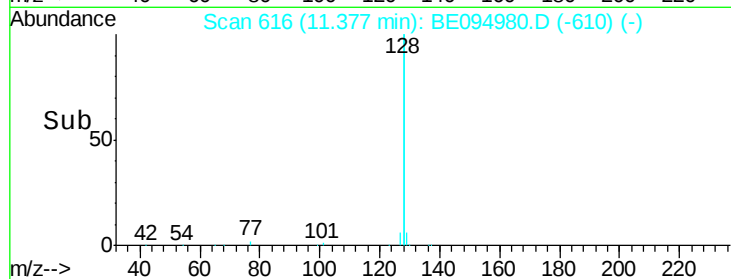
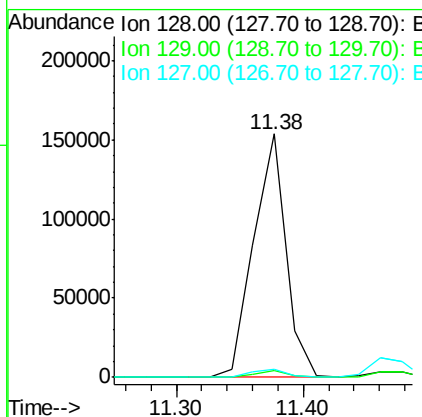
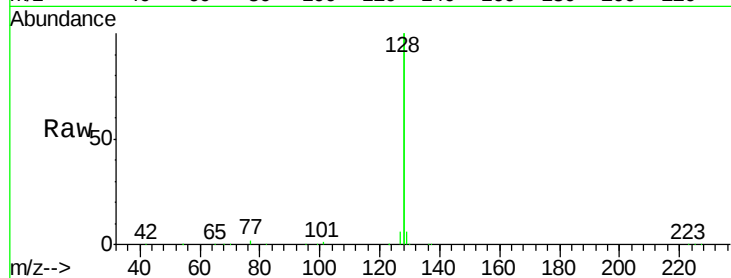
ClientSampleId :

SSTDICC1.6

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 274244 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 2.8   | 2.6   | 3.8    |
| 127       | 3.1   | 2.8   | 4.2    |

Manual Integrations  
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#10

Hexachlorobutadiene

Concen: 1.756 ng

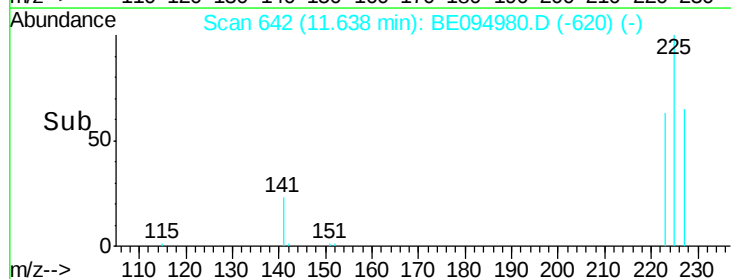
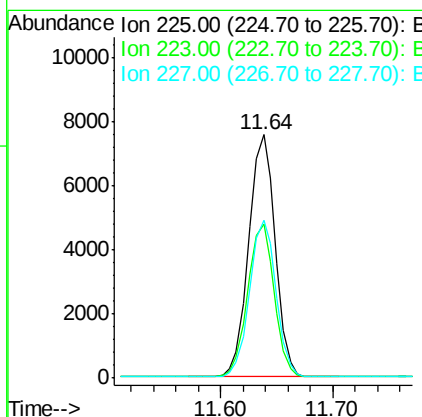
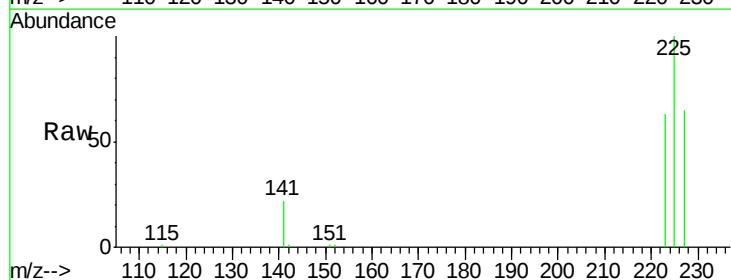
RT: 11.64 min Scan# 642

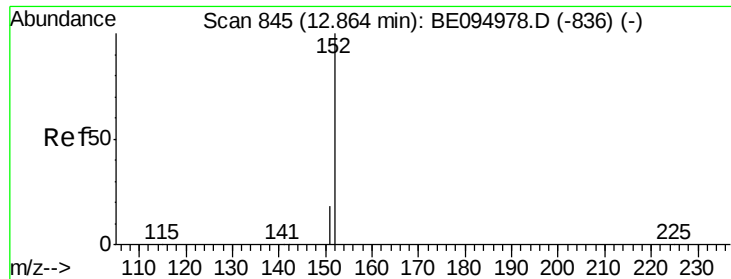
Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 12338 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.0  | 53.0  | 79.6  |
| 227       | 64.7  | 51.4  | 77.2  |





#11

2-Methylnaphthalene-d10

Concen: 1.713 ng

RT: 12.86 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

Tot Ion:152 Resp: 38835

Ion Ratio Lower Upper

152 100

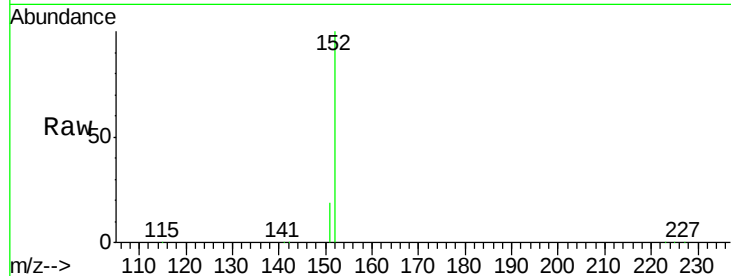
151 19.6 15.4 23.0

Manual Integrations

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

25000

20000

15000

10000

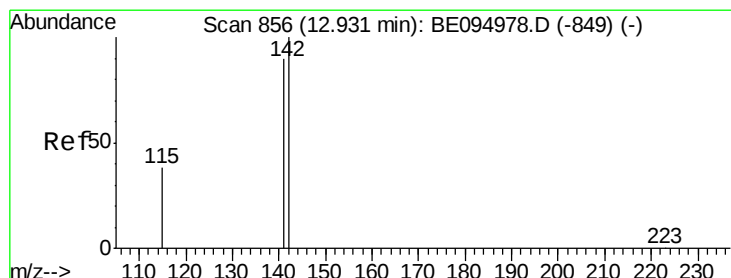
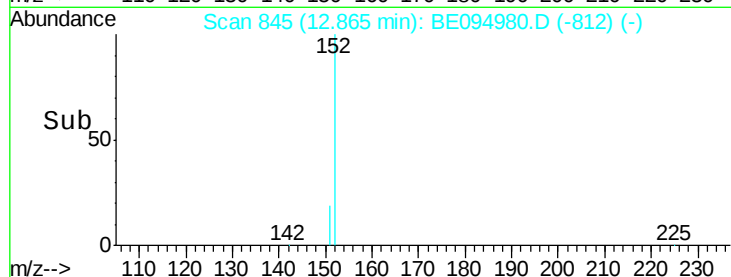
5000

0

12.80

12.90

Time-->



#12

2-Methylnaphthalene

Concen: 1.636 ng

RT: 12.93 min Scan# 856

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

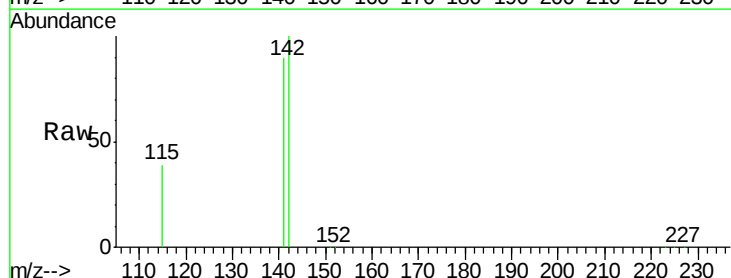
Tgt Ion:142 Resp: 67693

Ion Ratio Lower Upper

142 100

141 90.5 70.4 105.6

115 38.9 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

40000

30000

20000

10000

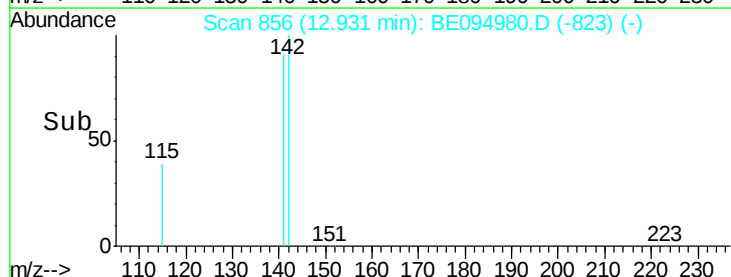
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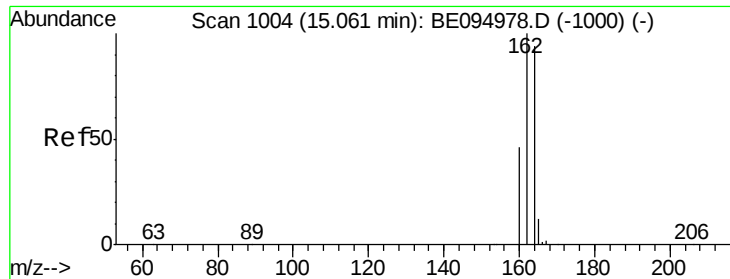
12.90

13.00

13.10

Time-->





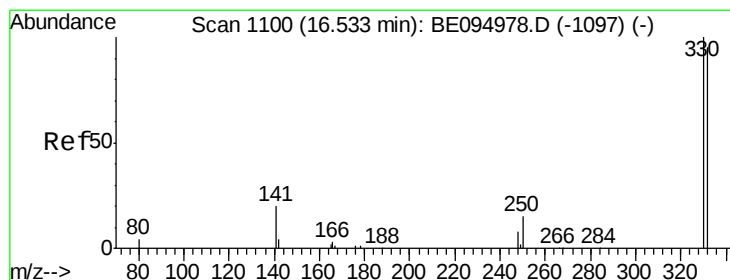
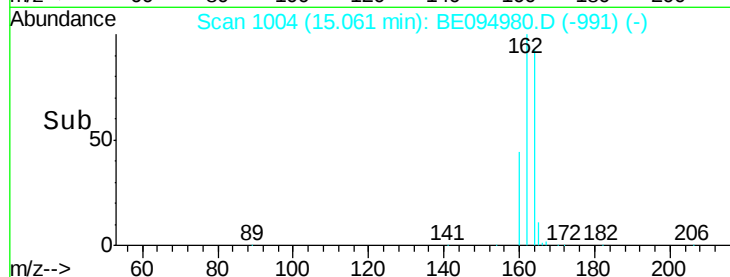
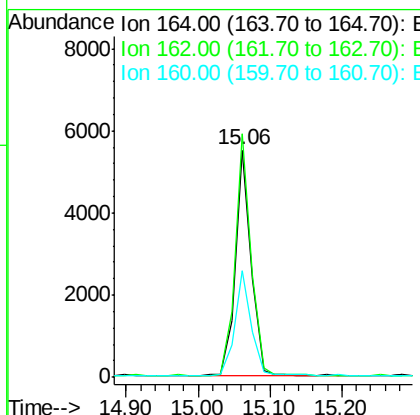
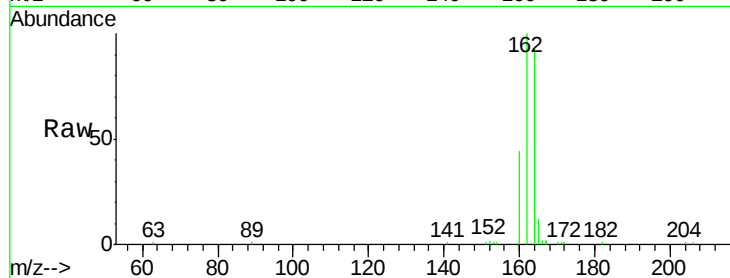
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 15.06 min Scan# 1004  
 Delta R.T. -0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 107.1 | 83.1  | 124.7 |
| 160     | 47.2  | 37.1  | 55.7  |

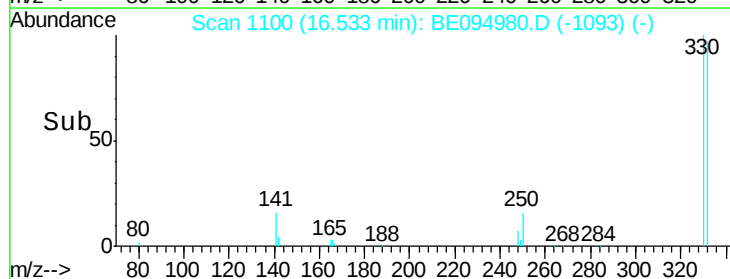
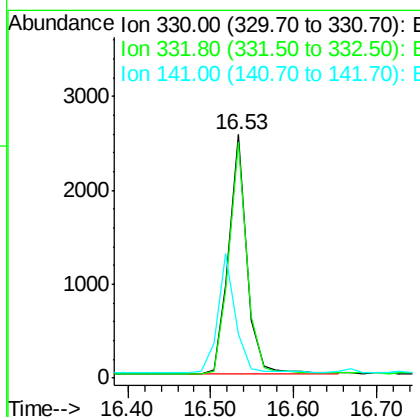
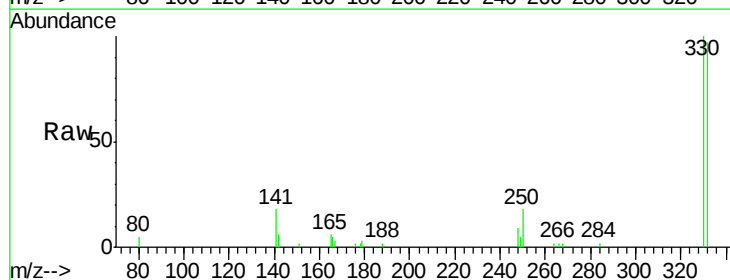
Manual Integrations  
 APPROVED

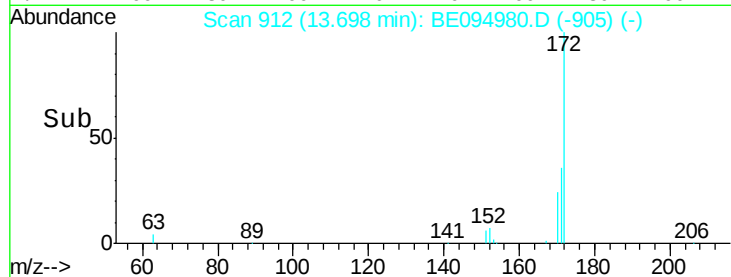
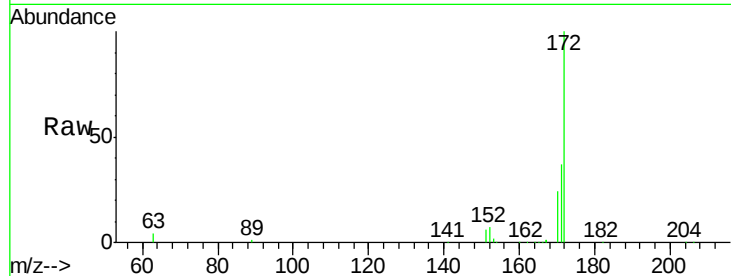
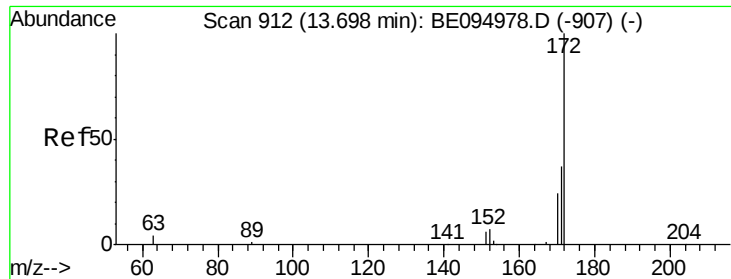
Sohil  
 12/15/2017 7:54:34 PM



#14  
 2,4,6-Tribromophenol  
 Concen: 2.158 ng  
 RT: 16.53 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 96.2  | 152.7 | 229.1# |
| 141     | 49.2  | 33.7  | 50.5   |





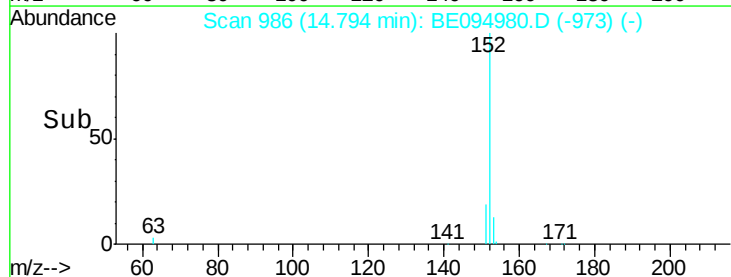
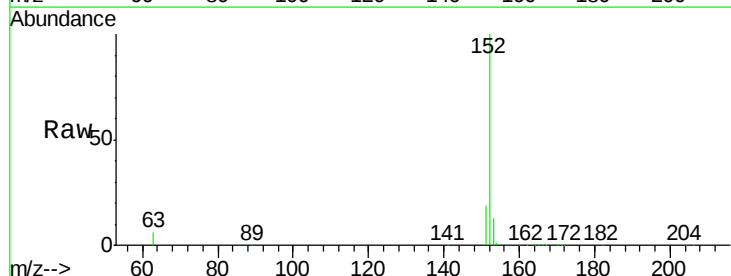
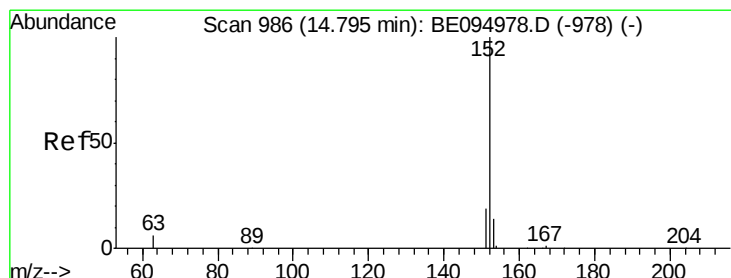
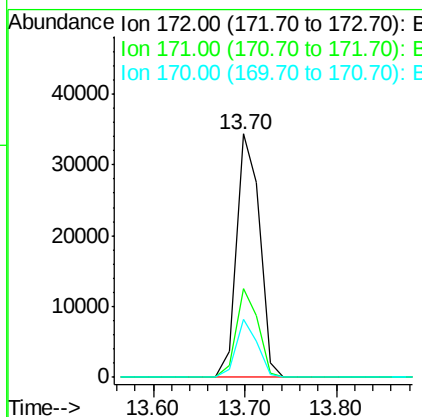
#15  
2-Fluorobiphenyl  
Concen: 1.699 ng  
RT: 13.70 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 29.9  | 44.9  |
| 170     | 24.0  | 21.8  | 32.8  |

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

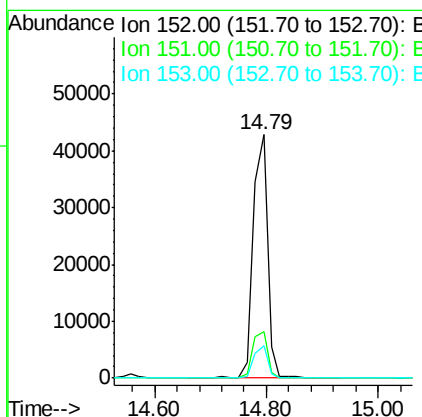
Manual Integrations  
APPROVED

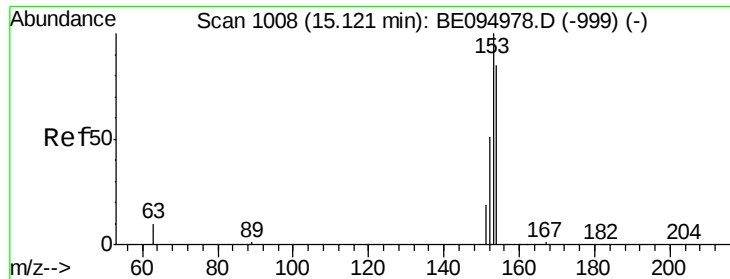
Sohil  
12/15/2017 7:54:34 PM



#16  
Acenaphthylene  
Concen: 1.654 ng  
RT: 14.79 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 15.7  | 23.5  |
| 153     | 12.8  | 10.5  | 15.7  |





#17

Acenaphthene

Concen: 1.620 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

Tot Ion:154 Resp: 49000

Ion Ratio Lower Upper

154 100

153 115.1 89.2 133.8

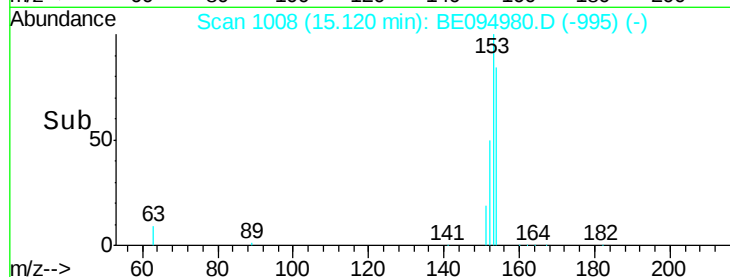
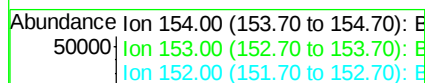
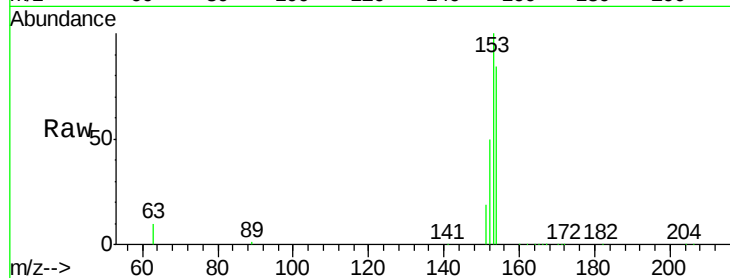
152 57.1 42.0 63.0

Manual Integrations

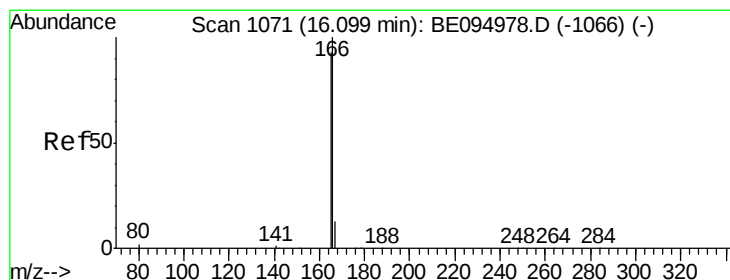
APPROVED

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Time-->



#18

Fluorene

Concen: 1.601 ng

RT: 16.08 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

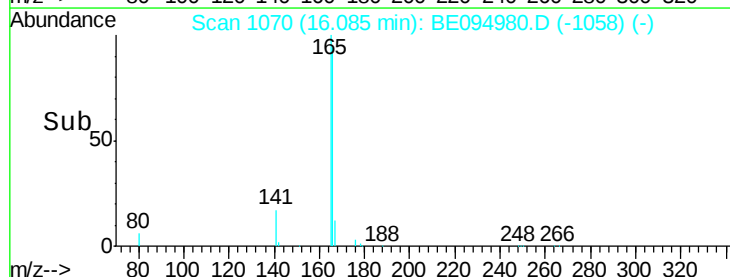
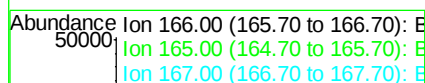
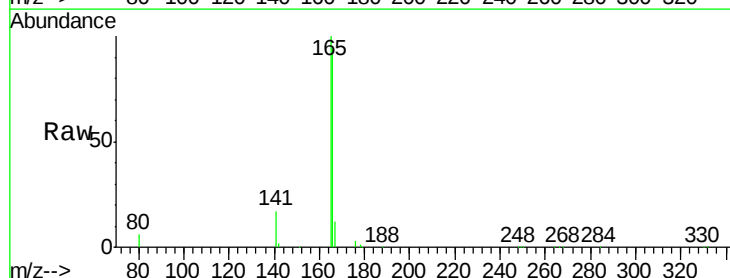
Tgt Ion:166 Resp: 61617

Ion Ratio Lower Upper

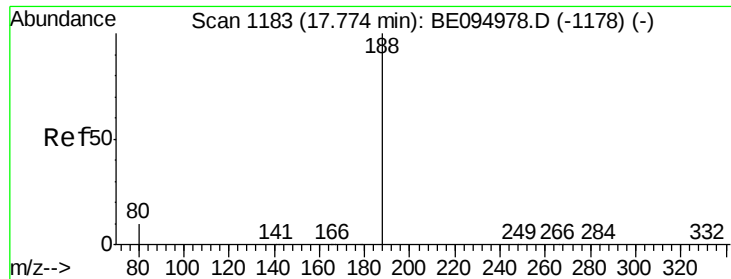
166 100

165 100.9 77.8 116.6

167 13.3 42.4 63.6#



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

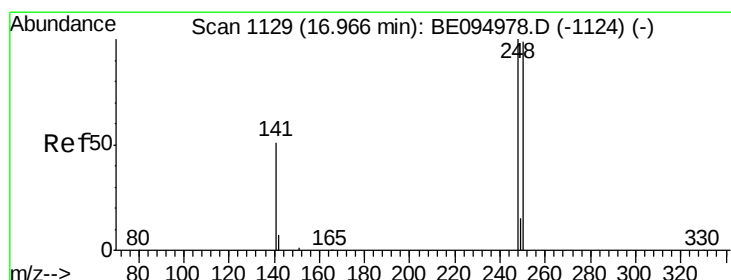
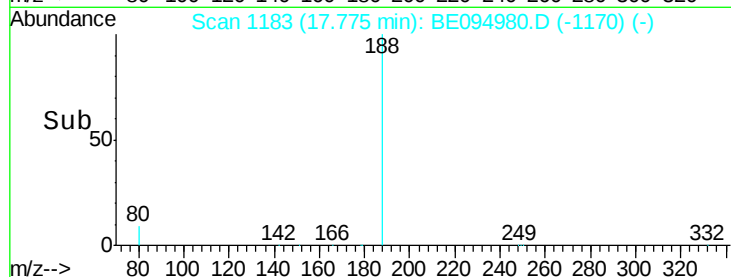
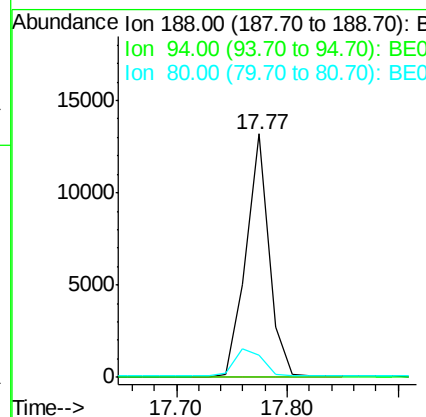
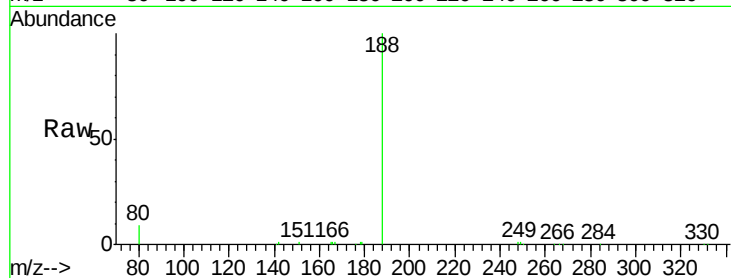
ClientSampleId :

SSTDICC1.6

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 188   | Resp: | 18864 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 3.9   | 5.9#  |
| 80        | 9.2   | 3.6   | 5.4#  |

Manual Integrations  
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#20

4-Bromophenyl-phenylether

Concen: 1.806 ng

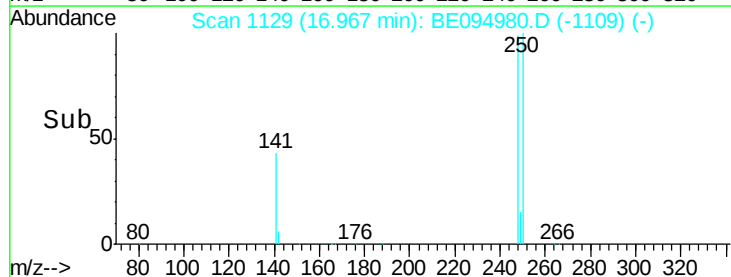
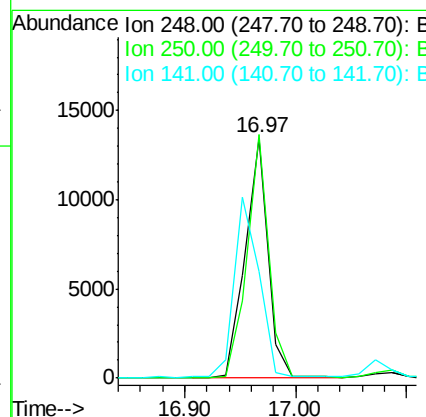
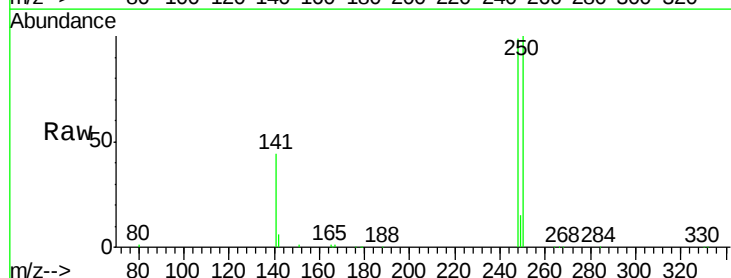
RT: 16.97 min Scan# 1129

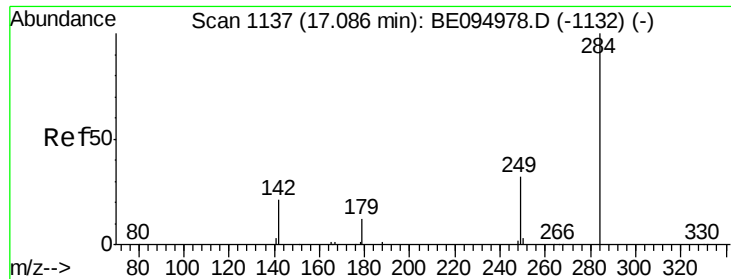
Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 19003 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 101.4 | 62.7  | 94.1# |
| 141       | 44.5  | 48.2  | 72.2# |





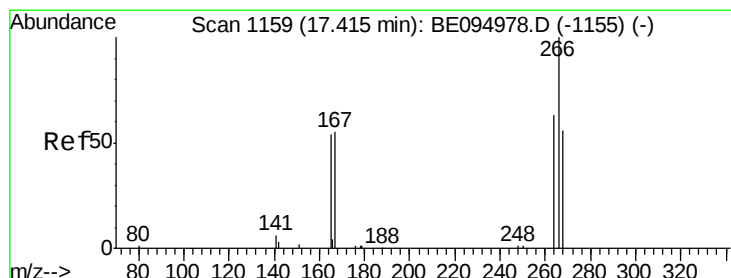
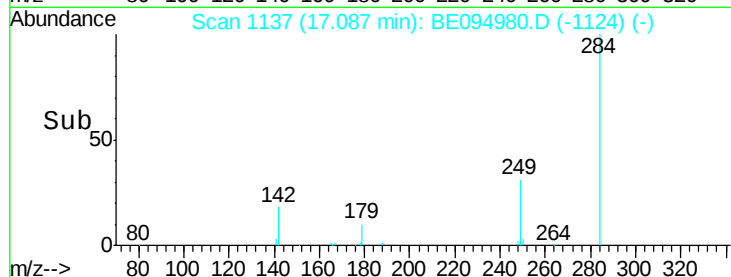
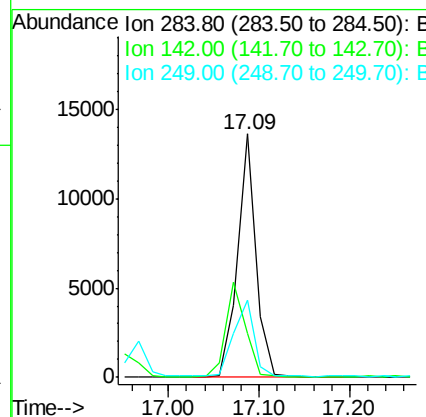
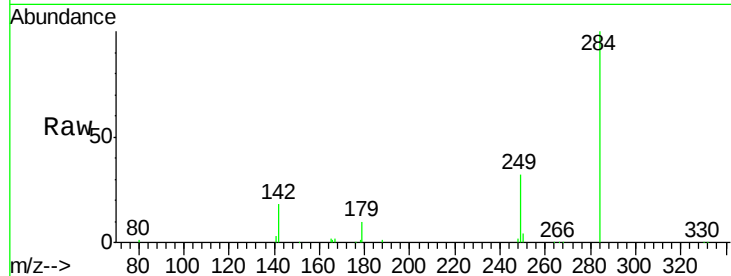
#21  
Hexachlorobenzene  
Concen: 1.843 ng  
RT: 17.09 min Scan# 1137  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.8  | 22.1  | 33.1# |
| 249     | 34.6  | 34.8  | 52.2# |

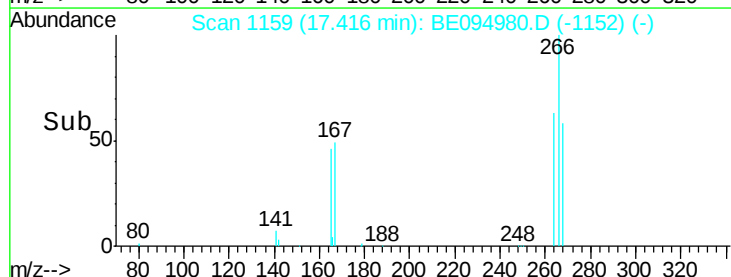
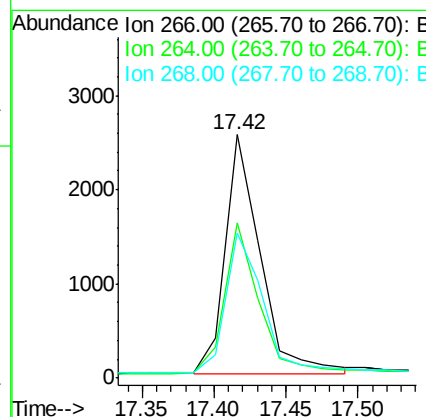
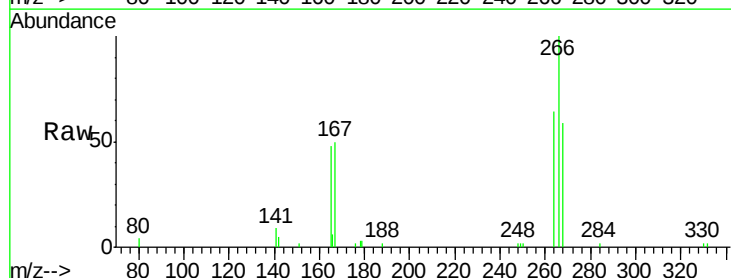
Manual Integrations  
APPROVED

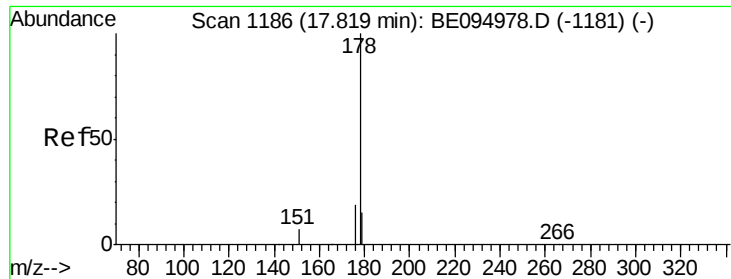
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12/15/2017 7:54:34 PM



#22  
Pentachlorophenol  
Concen: 1.717 ng m  
RT: 17.42 min Scan# 1159  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 266     | 100   |       |        |
| 264     | 64.0  | 72.5  | 108.7# |
| 268     | 59.4  | 73.8  | 110.6# |





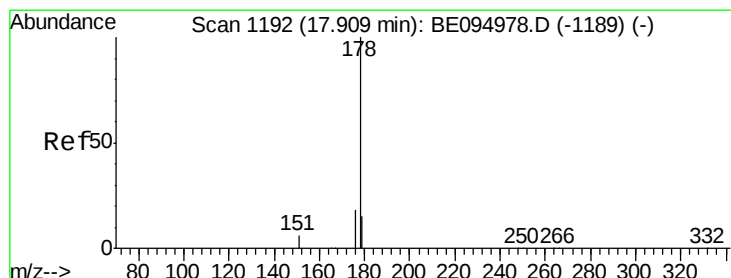
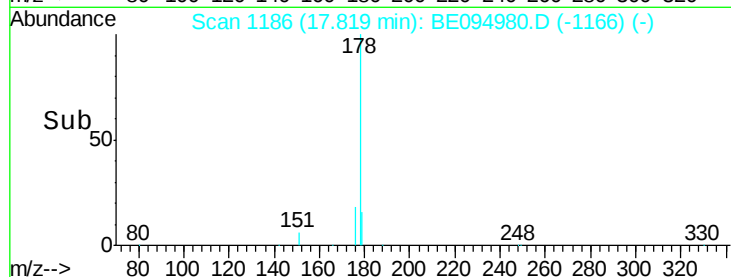
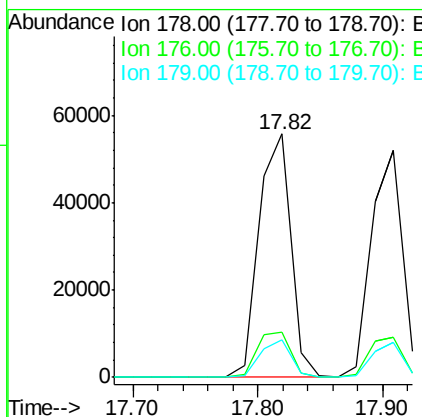
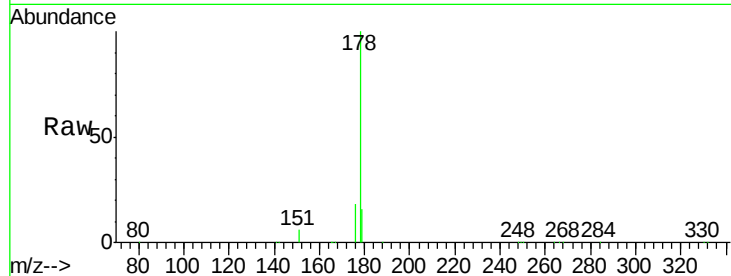
#23  
Phenanthrene  
Concen: 1.646 ng  
RT: 17.82 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

Instrument :  
BNA\_E  
ClientSampled :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.1  | 22.7  |
| 179     | 15.1  | 11.8  | 17.6  |

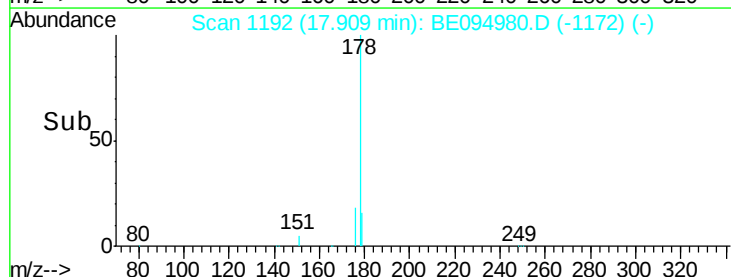
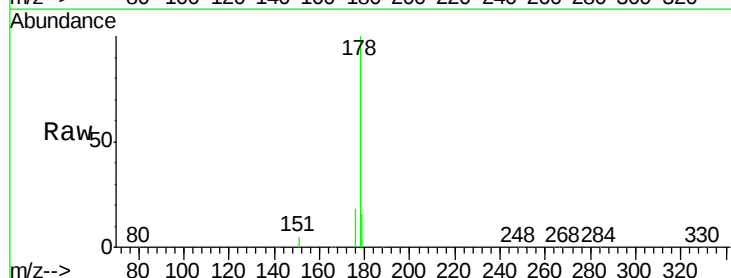
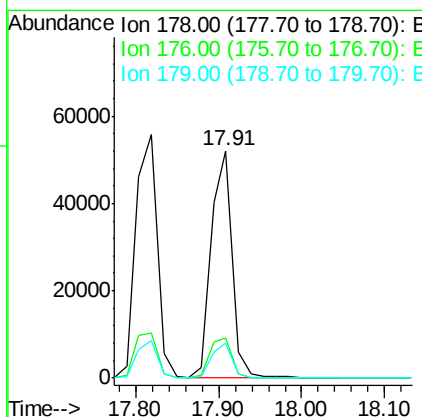
Manual Integrations  
APPROVED

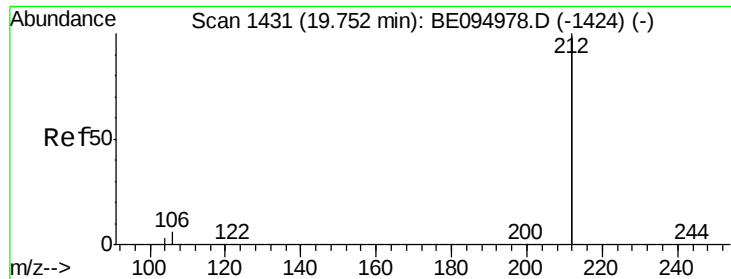
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#24  
Anthracene  
Concen: 1.579 ng  
RT: 17.91 min Scan# 1192  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 12.8  | 19.2  |
| 179     | 15.7  | 13.0  | 19.6  |





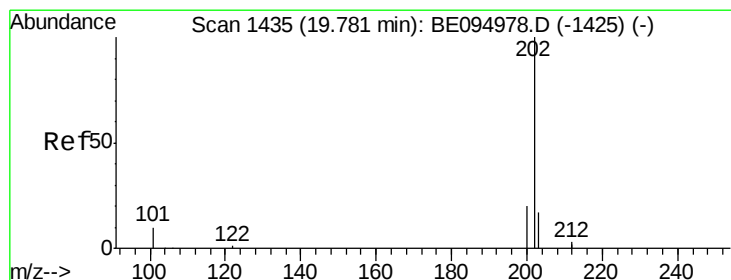
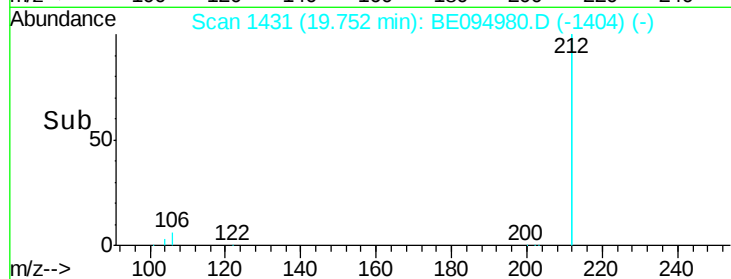
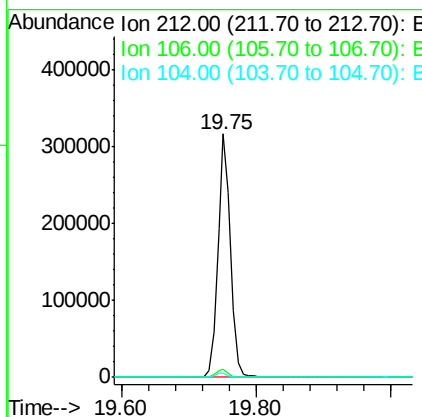
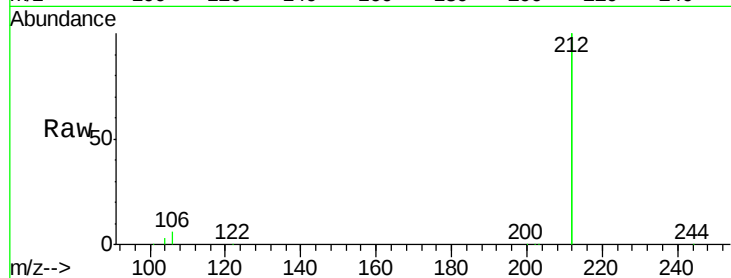
#25  
 Fluoranthene-d10  
 Concen: 1.615 ng  
 RT: 19.75 min Scan# 1431  
 Delta R.T. -0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 212     | 100   | 416344 |       |       |
| 106     | 3.3   |        | 2.8   | 4.2   |
| 104     | 1.8   |        | 1.6   | 2.4   |

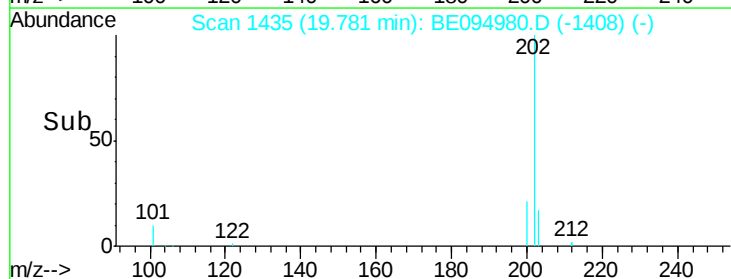
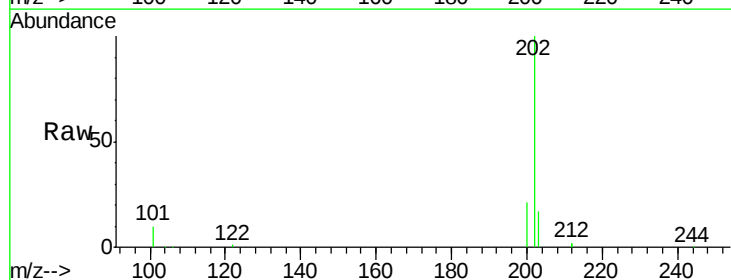
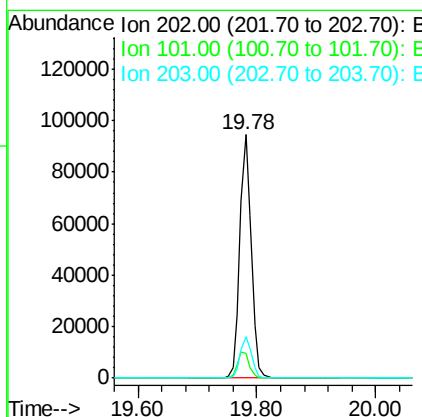
Manual Integrations  
 APPROVED

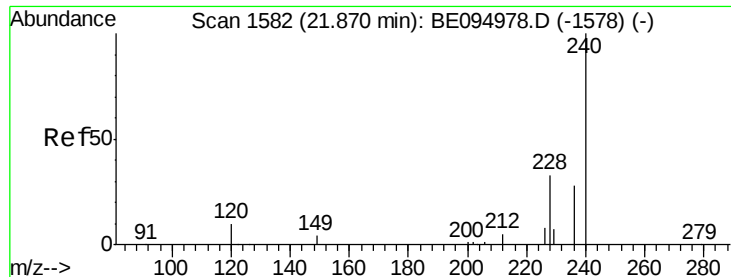
Sohil  
 12/15/2017 7:54:34 PM



#26  
 Fluoranthene  
 Concen: 1.626 ng  
 RT: 19.78 min Scan# 1435  
 Delta R.T. -0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 125672 |       |       |
| 101     | 11.5  |        | 9.8   | 14.8  |
| 203     | 17.1  |        | 13.7  | 20.5  |





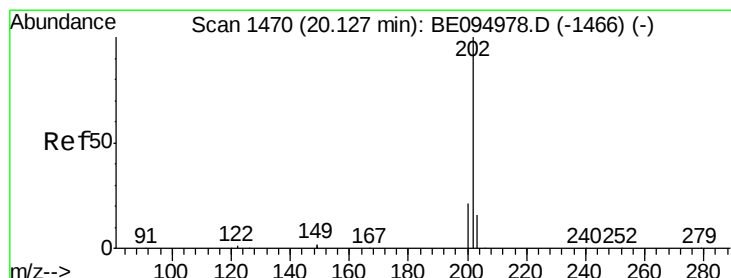
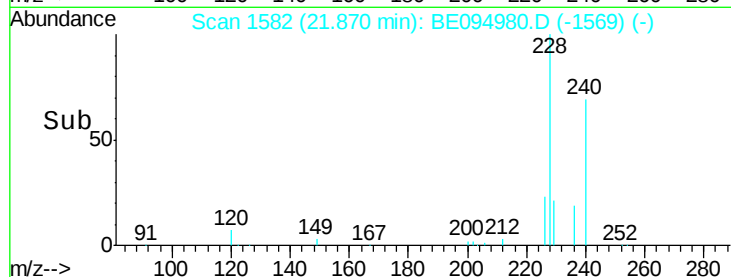
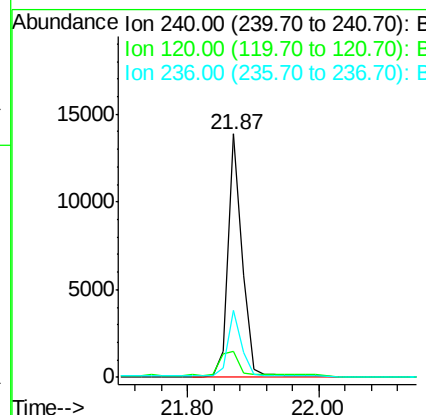
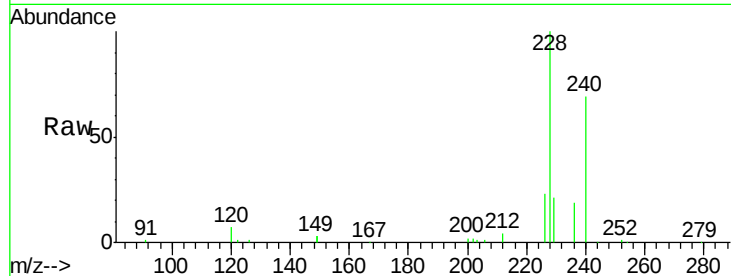
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.87 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.7  | 5.5   | 8.3#  |
| 236     | 27.6  | 20.7  | 31.1  |

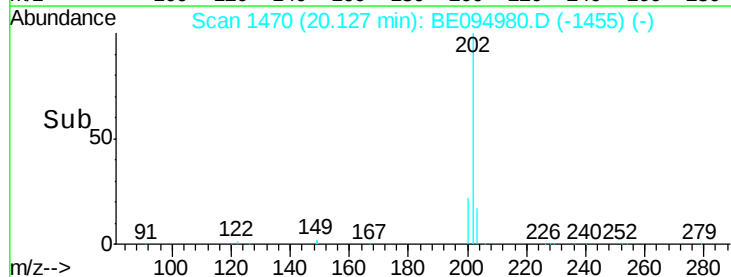
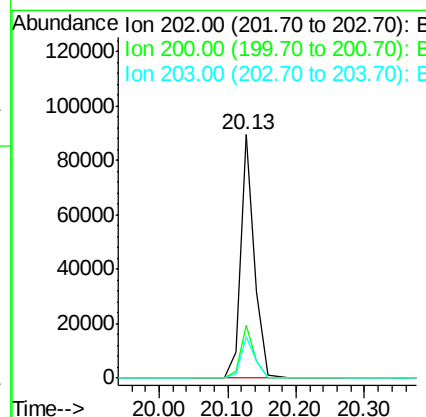
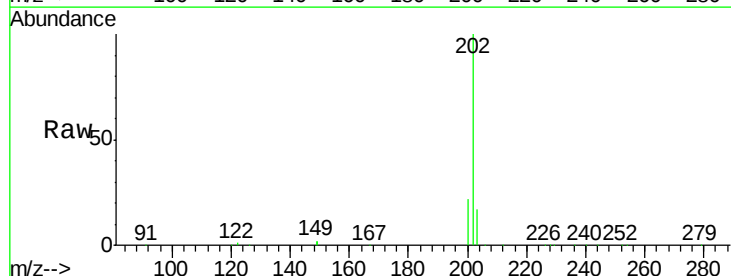
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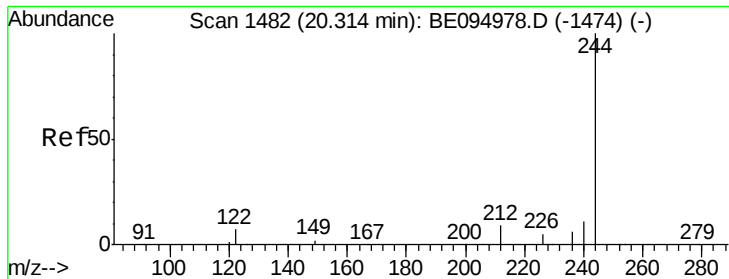
Sohil  
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#28  
Pyrene  
Concen: 1.651 ng  
RT: 20.13 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 16.6  | 25.0  |
| 203     | 20.3  | 13.8  | 20.8  |





#29

Terphenyl-d14

Concen: 1.712 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

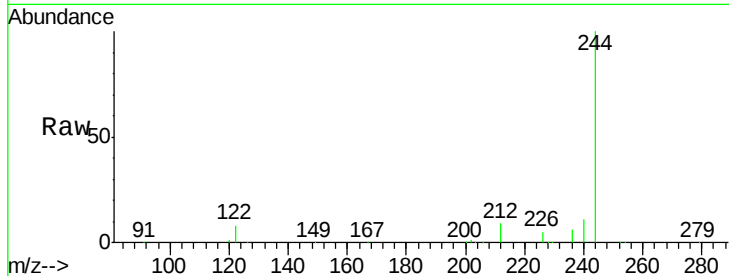
ClientSampleId :

SSTDICC1.6

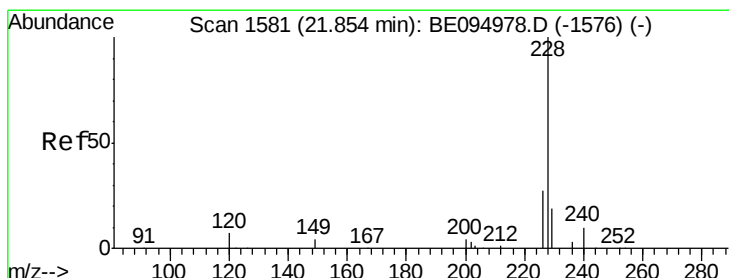
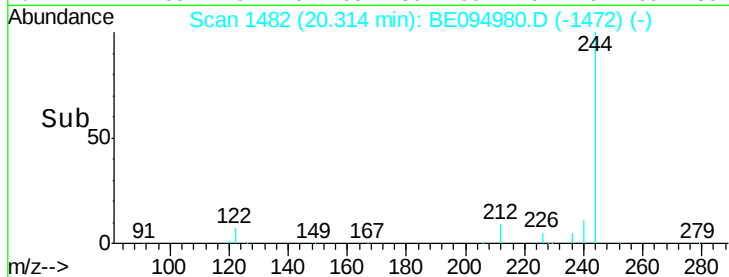
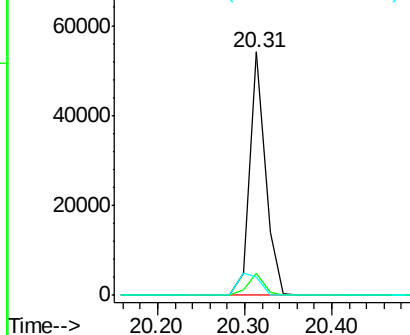
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 244   | Resp: | 69002 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 9.0   | 25.4  | 38.0# |
| 122       | 7.5   | 8.1   | 12.1# |

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.619 ng

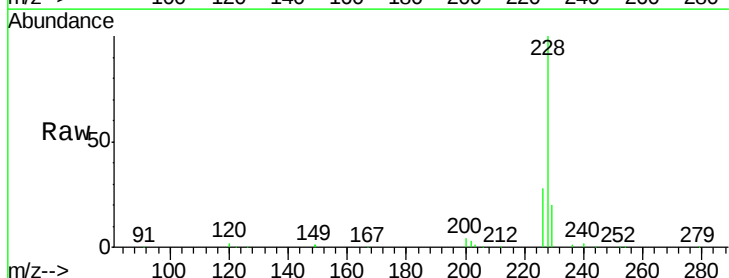
RT: 21.85 min Scan# 1581

Delta R.T. -0.00 min

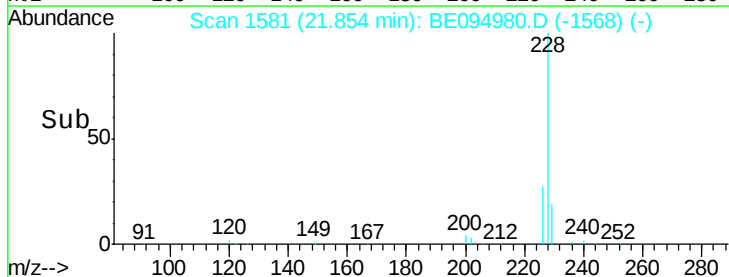
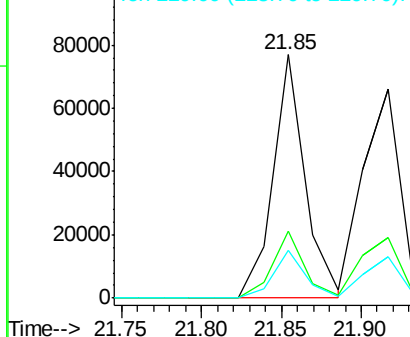
Lab File: BE094980.D

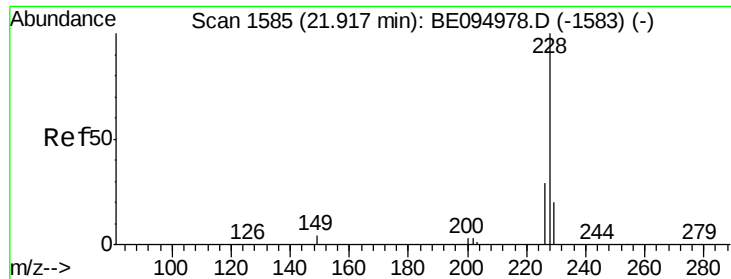
Acq: 14 Dec 2017 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 108341 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.5  | 40.0  | 60.0#  |
| 229       | 19.5  | 40.0  | 60.0#  |



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





#31

Chrysene

Concen: 1.577 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

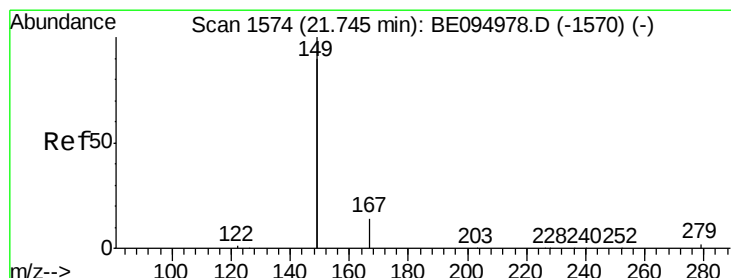
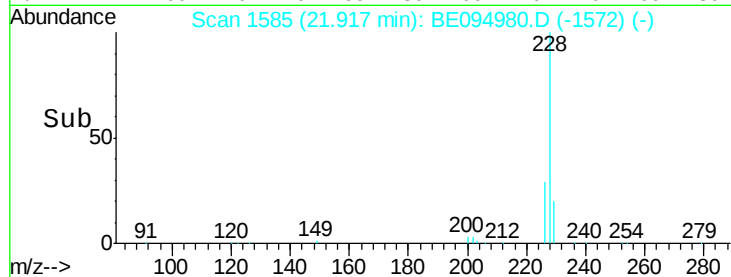
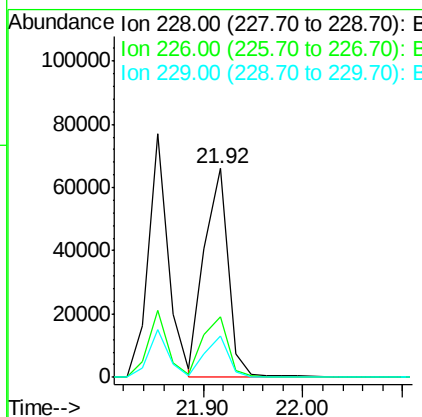
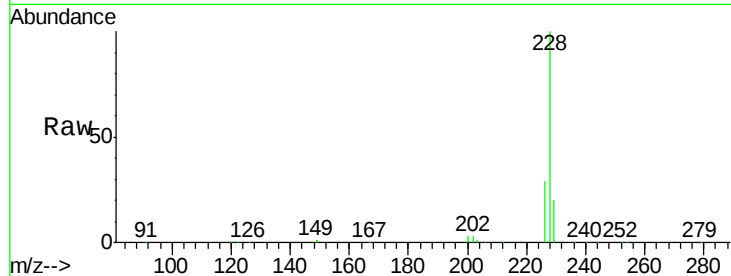
ClientSampleId :

SSTDICC1.6

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 116570 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.1  | 40.0  | 60.0#  |
| 229       | 20.1  | 40.0  | 60.0#  |

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#32

Bis(2-ethylhexyl)phthalate

Concen: 1.234 ng

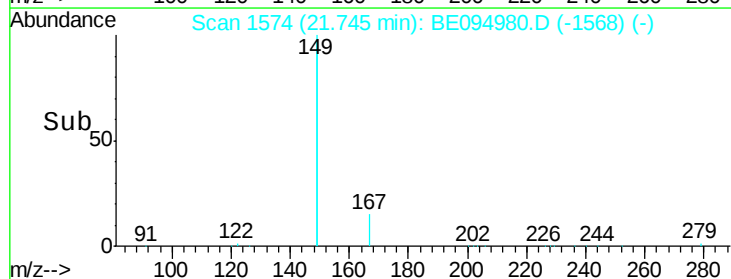
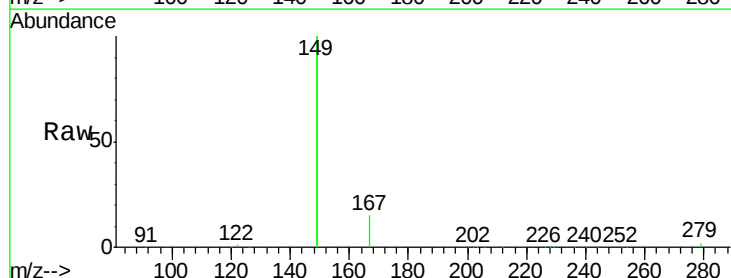
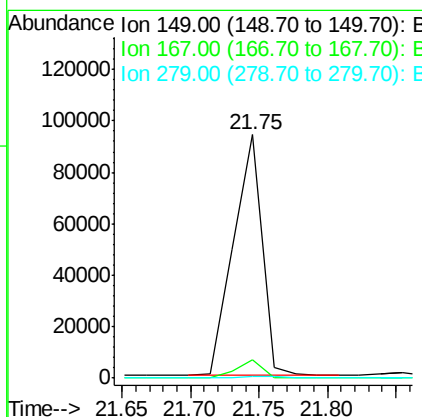
RT: 21.75 min Scan# 1574

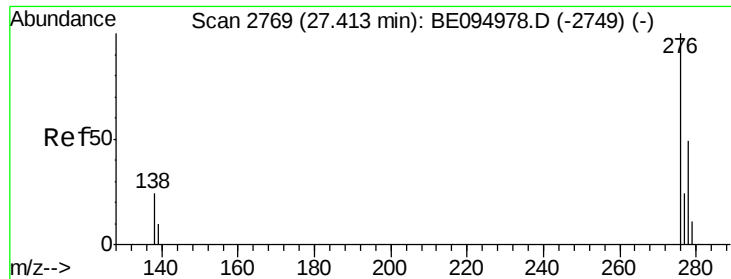
Delta R.T. -0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 136806 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 6.9   | 5.4   | 8.0    |
| 279       | 0.8   | 0.7   | 1.1    |





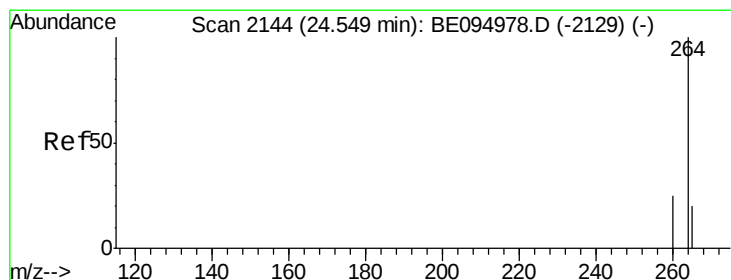
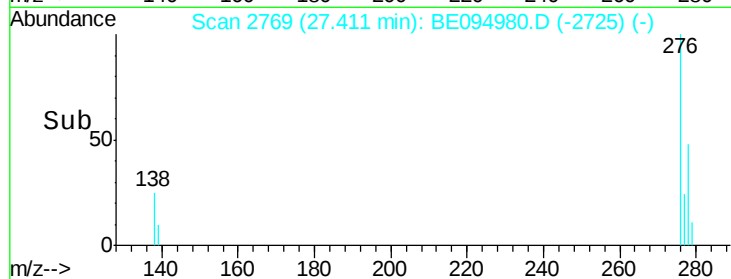
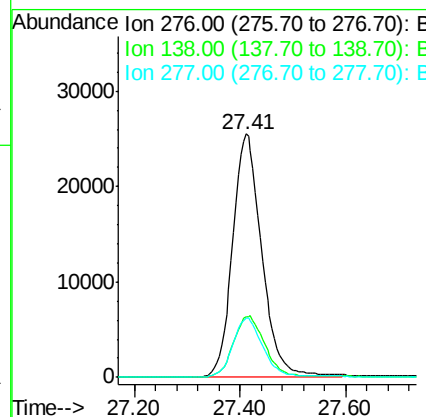
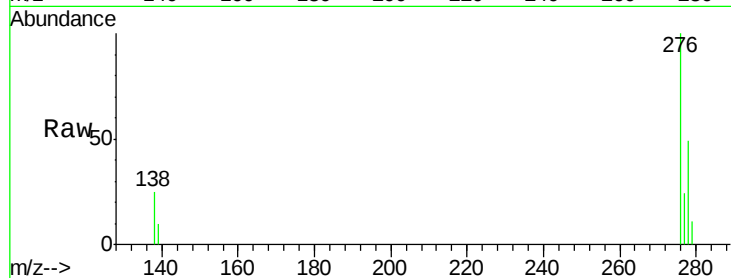
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.610 ng  
 RT: 27.41 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.0  | 22.5  | 33.7  |
| 277     | 24.7  | 19.9  | 29.9  |

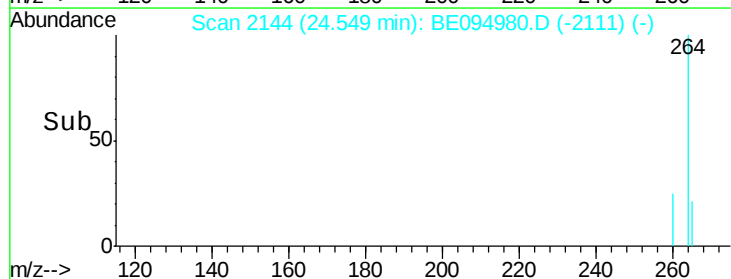
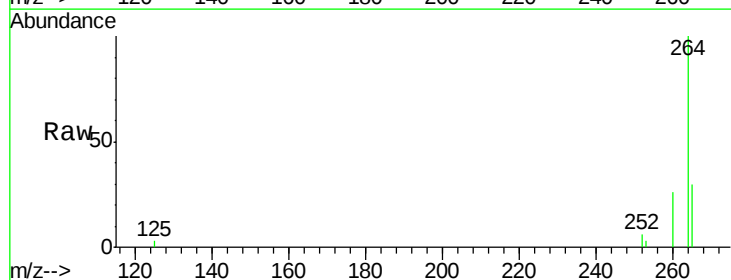
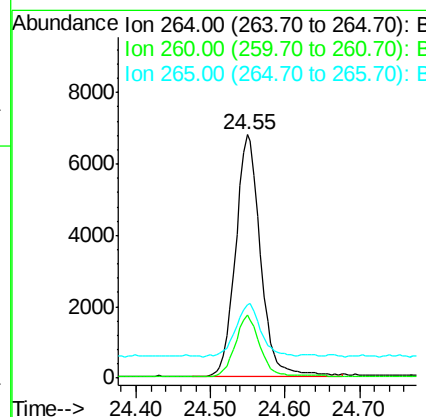
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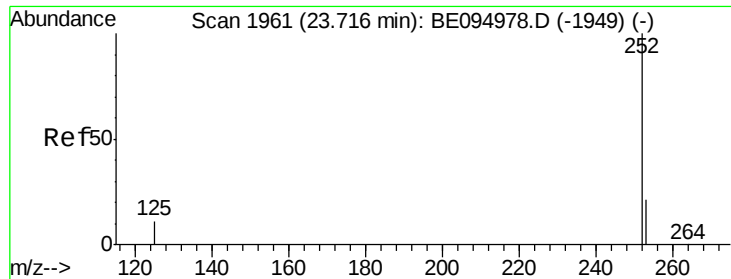
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#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.55 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: BE094980.D  
 Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.9  | 20.5  | 30.7  |
| 265     | 30.1  | 22.8  | 34.2  |





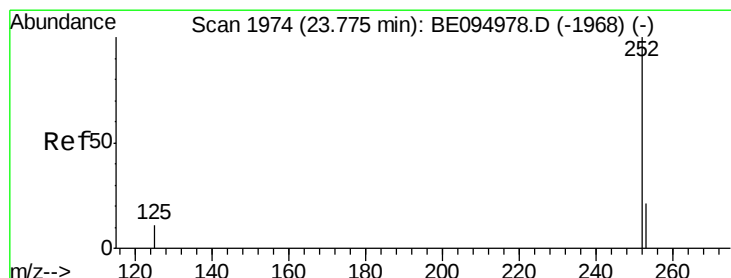
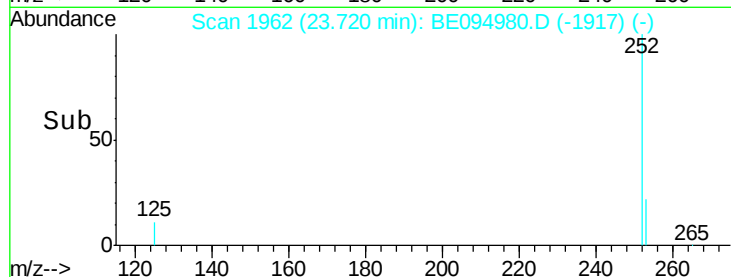
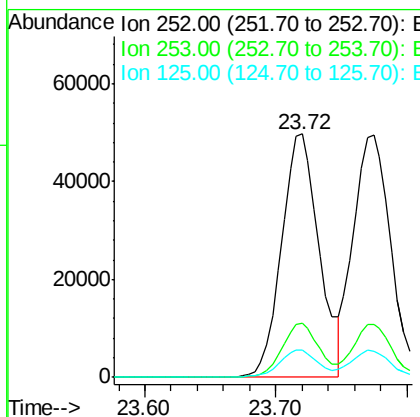
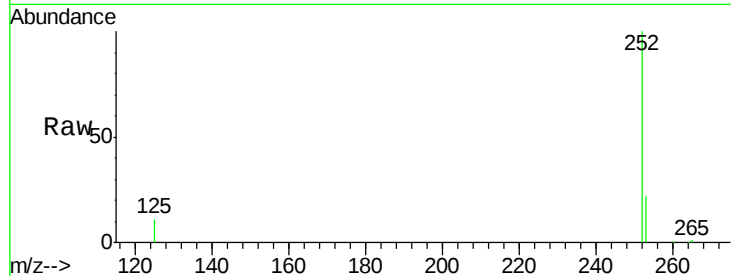
#35  
Benzo(b)fluoranthene  
Concen: 1.740 ng  
RT: 23.72 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC1.6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 20.0  | 30.0  |
| 125     | 11.0  | 16.0  | 24.0  |

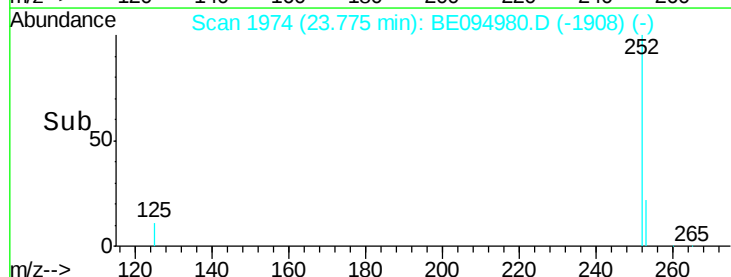
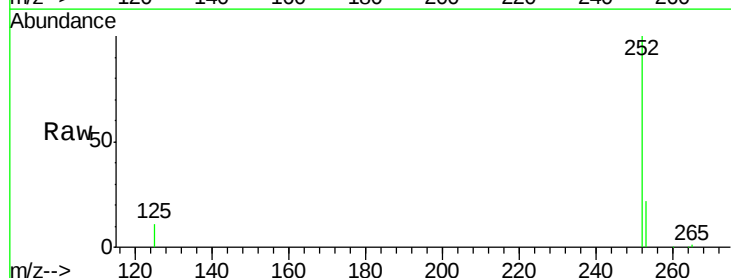
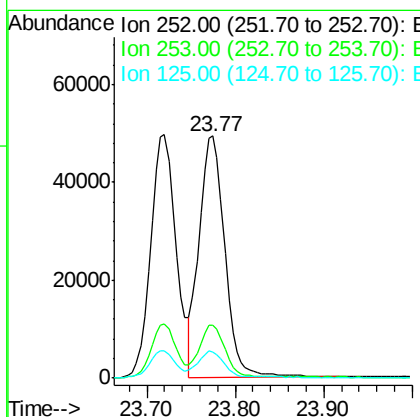
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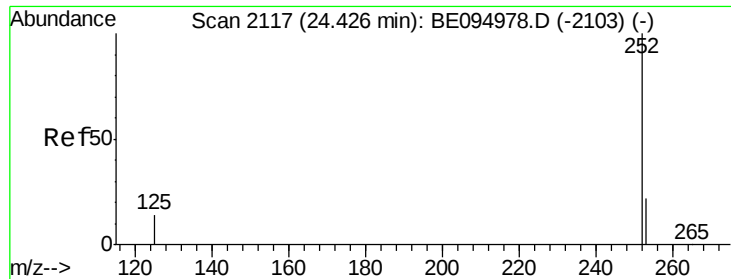
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#36  
Benzo(k)fluoranthene  
Concen: 1.707 ng  
RT: 23.77 min Scan# 1974  
Delta R.T. -0.00 min  
Lab File: BE094980.D  
Acq: 14 Dec 2017 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 16.0  | 24.0  |
| 125     | 10.8  | 8.0   | 12.0  |





#37

Benzo(a)pyrene

Concen: 1.735 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

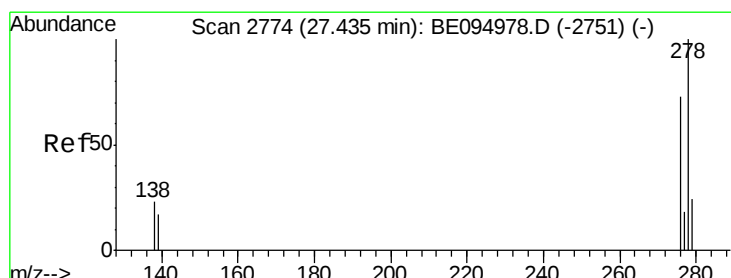
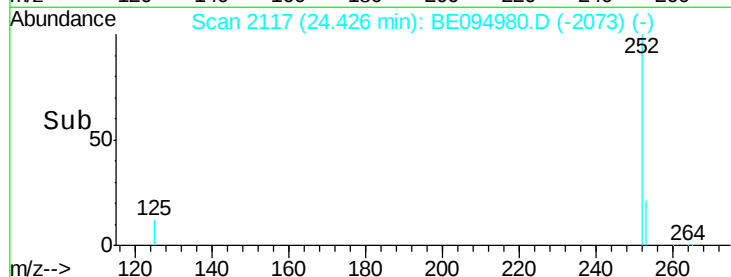
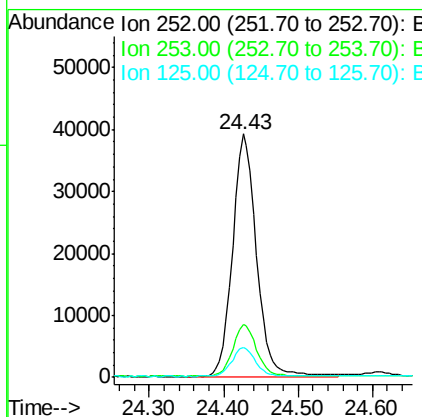
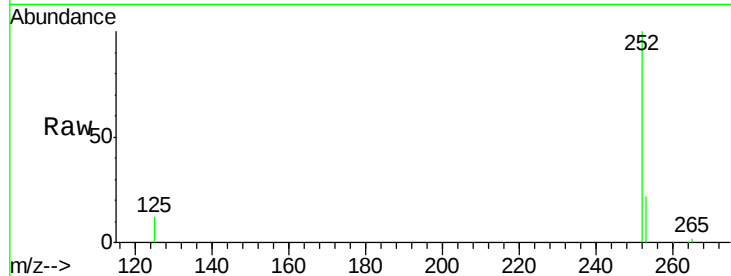
ClientSampleId :

SSTDICC1.6

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 86717 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.6  | 16.0  | 24.0  |
| 125       | 12.4  | 12.0  | 18.0  |

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#38

Dibenzo(a,h)anthracene

Concen: 1.790 ng

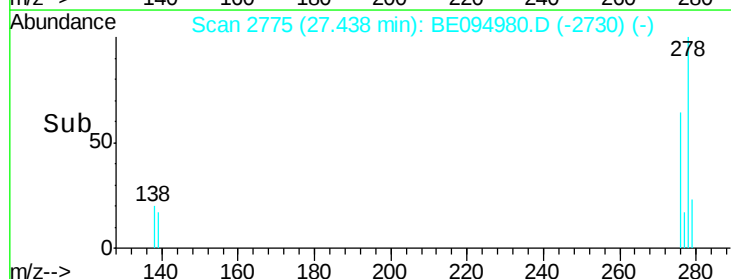
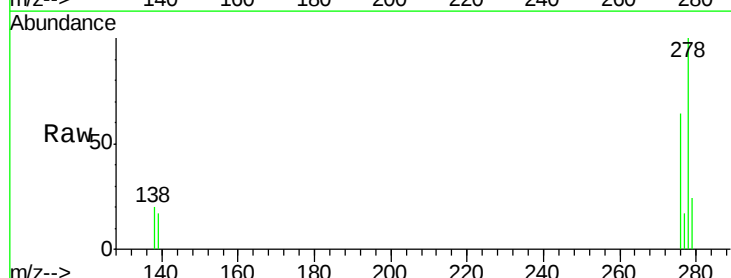
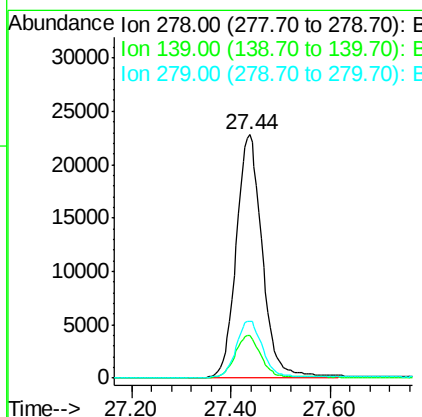
RT: 27.44 min Scan# 2775

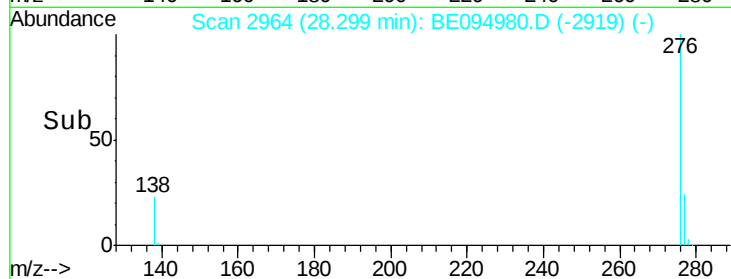
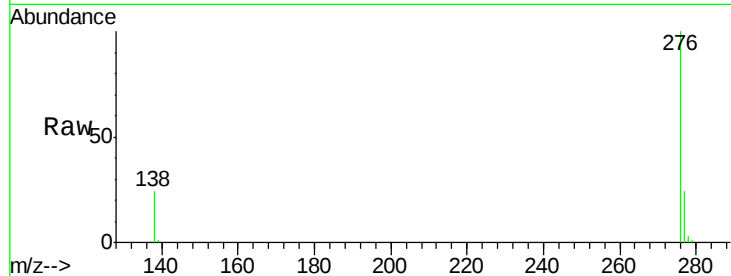
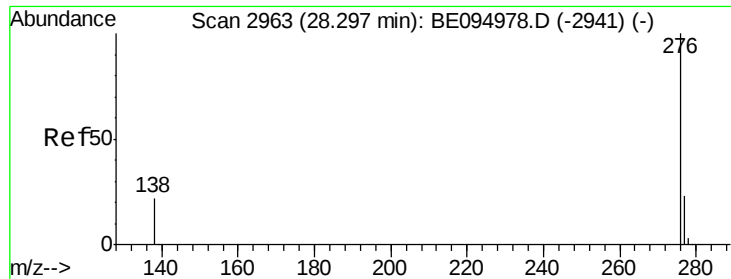
Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 82651 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 17.4  | 16.0  | 24.0  |
| 279       | 23.6  | 20.0  | 30.0  |





#39

Benzo(a,h,i)perylene

Concen: 1.761 ng

RT: 28.30 min Scan# 2964

Delta R.T. 0.00 min

Lab File: BE094980.D

Acq: 14 Dec 2017 17:13

Instrument :

BNA\_E

ClientSampleId :

SSTDICC1.6

Tot Ion: 276 Resp: 81205

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 23.7 20.0 30.0

Manual Integrations

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