

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\  
 Data File : BE094086.D  
 Acq On : 23 Sep 2017 20:05  
 Operator : SJ/JU  
 Sample : I5340-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-003

Manual Integrations  
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Sohil  
 9/25/2017 6:24:38 PM

Quant Time: Sep 25 13:19:21 2017

Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 25 13:07:29 2017

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.90  | 152  | 1851     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.69 | 136  | 10942    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.51 | 164  | 7639     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 21463    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 16940    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.90 | 264  | 15225    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.50  | 112 | 3594  | 0.34 | ng | 0.00  |
| 5) Phenol-d6                | 7.09  | 99  | 4794  | 0.44 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 9.04  | 82  | 3909  | 0.40 | ng | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 6491  | 0.35 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330 | 1496  | 0.26 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.13 | 172 | 9054  | 0.36 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.26 | 212 | 73065 | 0.27 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.84 | 244 | 9996  | 0.38 | ng | 0.00  |

#### Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 9) Naphthalene                 | 10.74 | 128 | 8190   | 0.059 | ng | # 98   |
| 12) 2-Methylnaphthalene        | 12.34 | 142 | 1079   | 0.049 | ng | # 93   |
| 16) Acenaphthylene             | 14.23 | 152 | 9359   | 0.243 | ng | 99     |
| 17) Acenaphthene               | 14.57 | 154 | 1748   | 0.069 | ng | 98     |
| 18) Fluorene                   | 15.55 | 166 | 3541   | 0.093 | ng | 90     |
| 23) Phenanthrene               | 17.27 | 178 | 115147 | 1.498 | ng | 97     |
| 24) Anthracene                 | 17.37 | 178 | 11459m | 0.193 | ng |        |
| 26) Fluoranthene               | 19.29 | 202 | 220186 | 2.669 | ng | 99     |
| 28) Pyrene                     | 19.65 | 202 | 213755 | 4.561 | ng | # 95   |
| 30) Benzo(a)anthracene         | 21.38 | 228 | 87552  | 1.543 | ng | 98     |
| 31) Chrysene                   | 21.44 | 228 | 94812  | 1.705 | ng | 98     |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 42827  | 0.281 | ng | 97     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.54 | 276 | 52166  | 1.214 | ng | 96     |
| 35) Benzo(b)fluoranthene       | 23.14 | 252 | 111702 | 2.027 | ng | 98     |
| 36) Benzo(k)fluoranthene       | 23.18 | 252 | 35333m | 0.639 | ng |        |
| 37) Benzo(a)pyrene             | 23.79 | 252 | 75968  | 1.535 | ng | 99     |
| 38) Dibenzo(a,h)anthracene     | 26.55 | 278 | 14366  | 0.363 | ng | # 87   |
| 39) Benzo(a,h,i)perylene       | 27.36 | 276 | 55294  | 1.396 | ng | 98     |

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

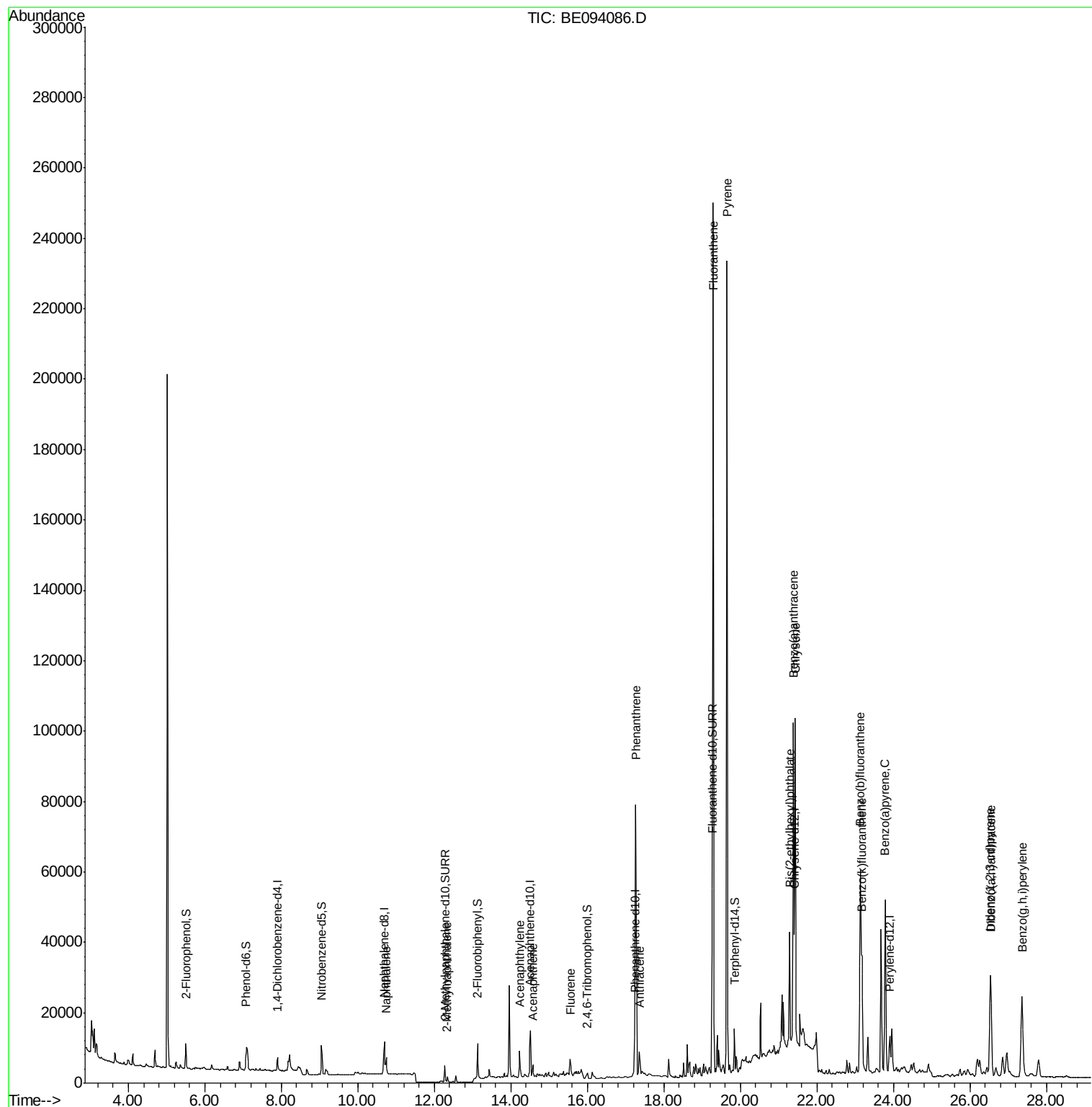
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\  
Data File : BE094086.D  
Acq On : 23 Sep 2017 20:05  
Operator : SJ/JU  
Sample : I5340-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

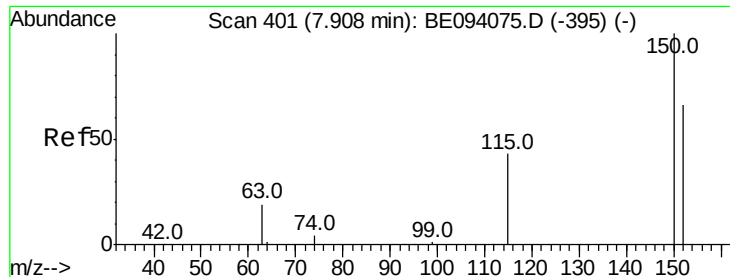
Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-003

Quant Time: Sep 25 13:19:21 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 25 13:07:29 2017  
Response via : Initial Calibration

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#1

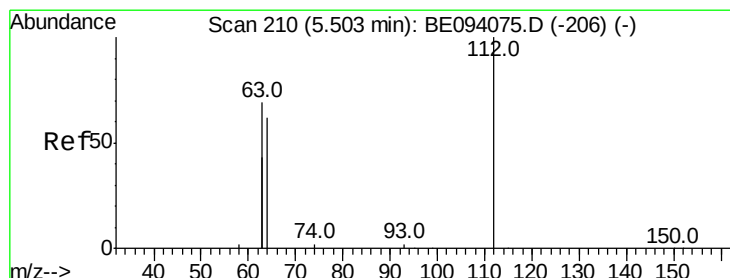
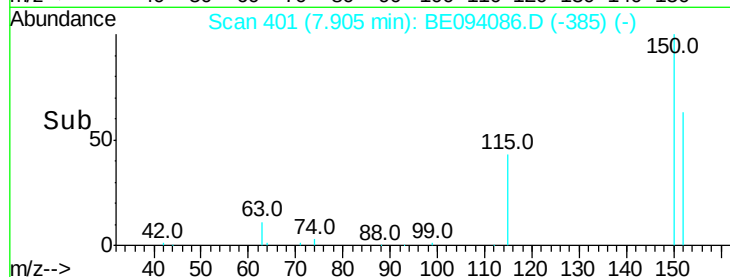
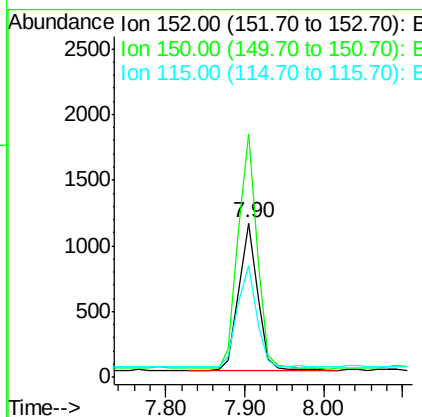
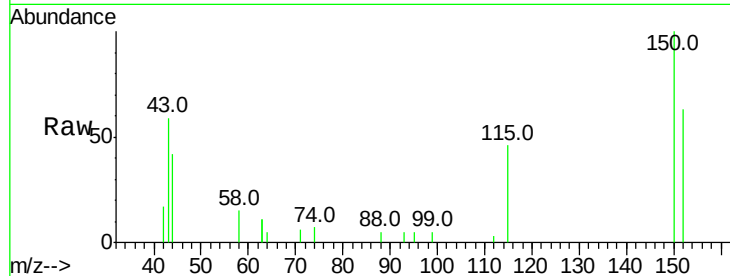
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.90 min Scan# 401  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampled :  
LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 117.2 | 175.8 |
| 115     | 72.3  | 57.0  | 85.6  |

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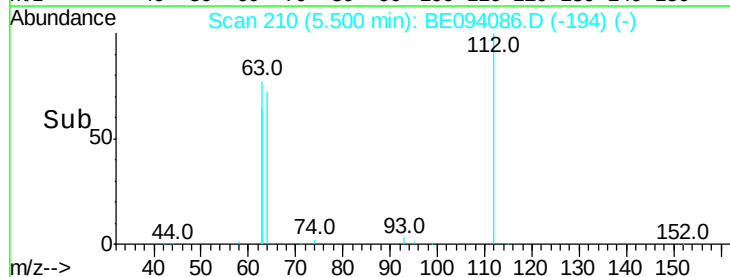
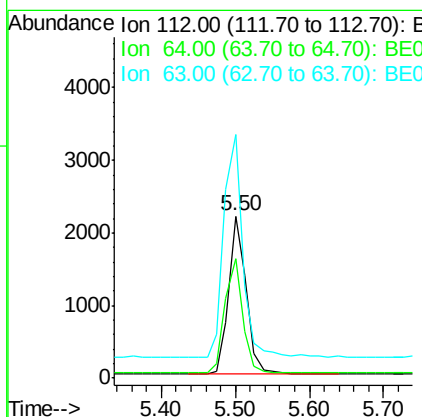
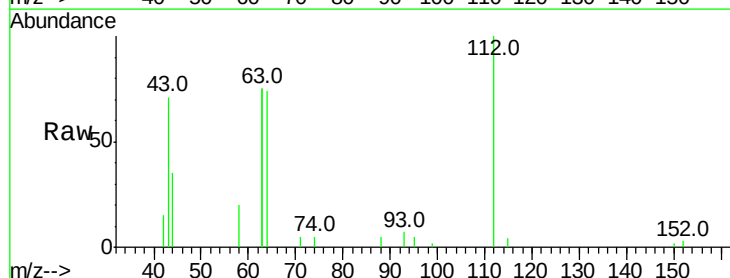
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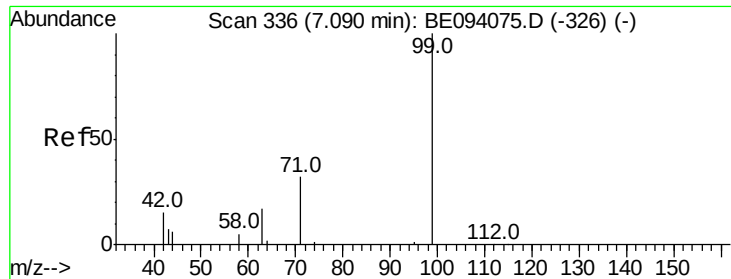


#4

2-Fluorophenol  
Concen: 0.337 ng  
RT: 5.50 min Scan# 210  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 72.7  | 60.1  | 90.1  |
| 63      | 151.4 | 116.8 | 175.2 |





#5

Phenol-d6

Concen: 0.438 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

Instrument :

BNA\_E

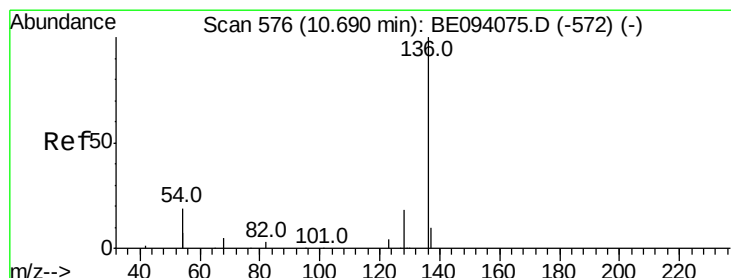
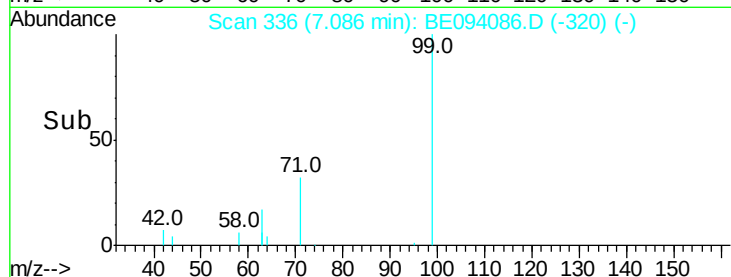
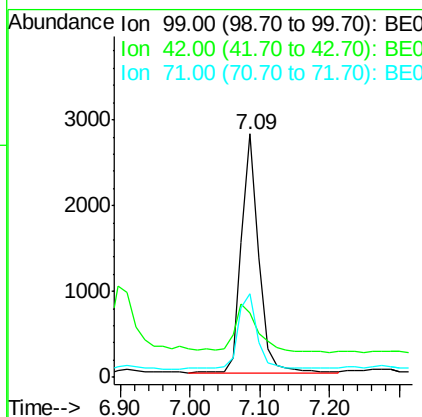
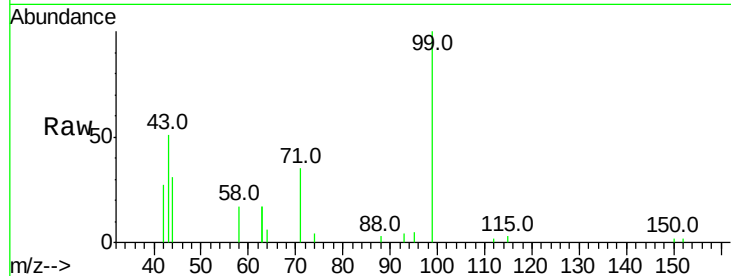
ClientSampleId :

LT-TS-003

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 4794  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 29.3  | 20.2  | 30.2  |
| 71       | 34.3  | 28.4  | 42.6  |

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#7

Naphthalene-d8

Concen: 0.400 ng

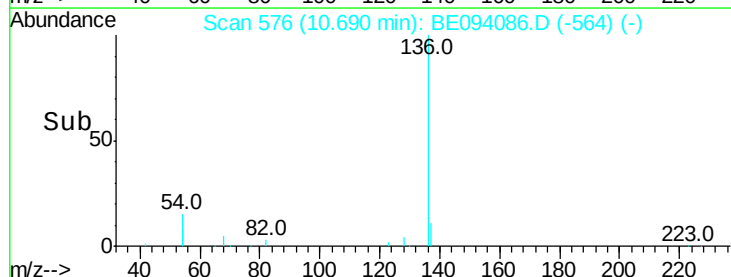
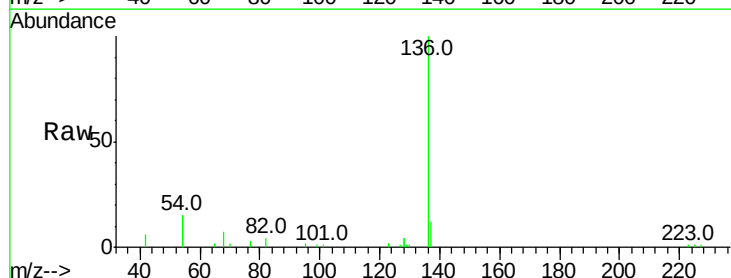
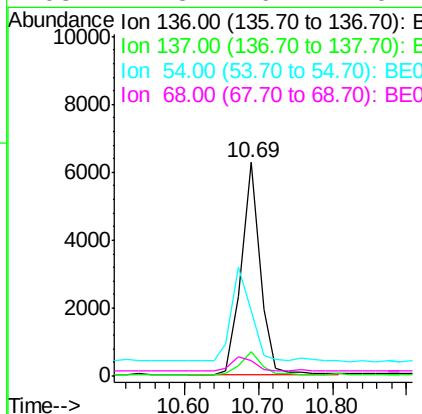
RT: 10.69 min Scan# 576

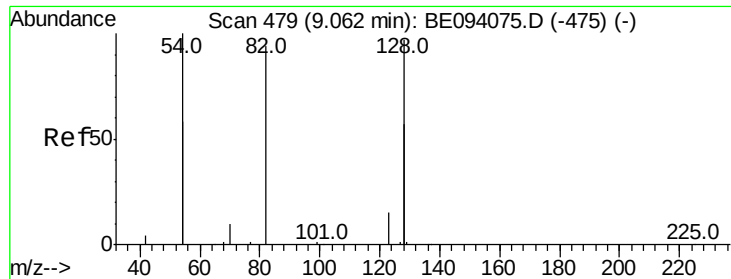
Delta R.T. -0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10942 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.5   | 14.3  |
| 54       | 30.4  | 29.1  | 43.7  |
| 68       | 7.3   | 6.2   | 9.2   |





#8

Nitrobenzene-d5

Concen: 0.402 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

Instrument :

BNA\_E

ClientSampled :

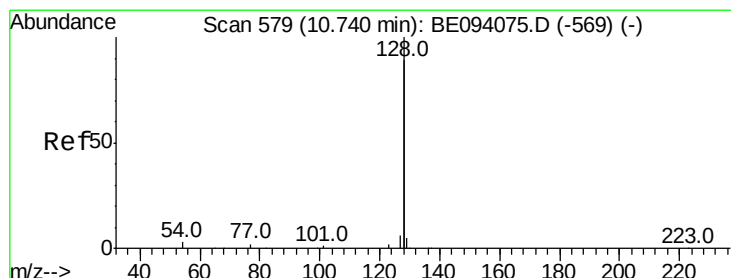
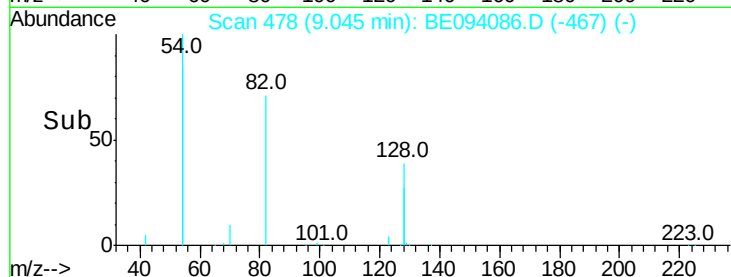
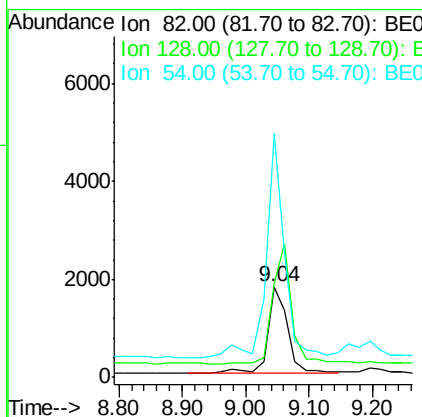
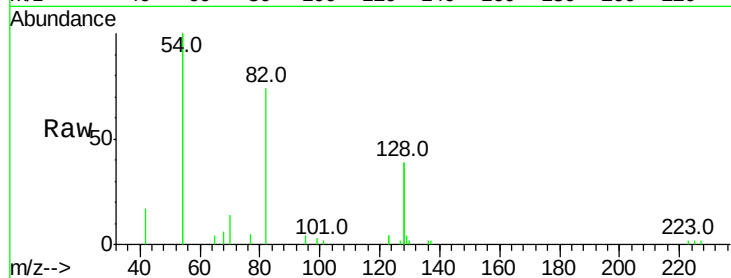
LT-TS-003

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 3909   |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 104.1 | 150.0 | 225.0# |
| 54       | 269.5 | 154.2 | 231.4# |

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#9

Naphthalene

Concen: 0.059 ng

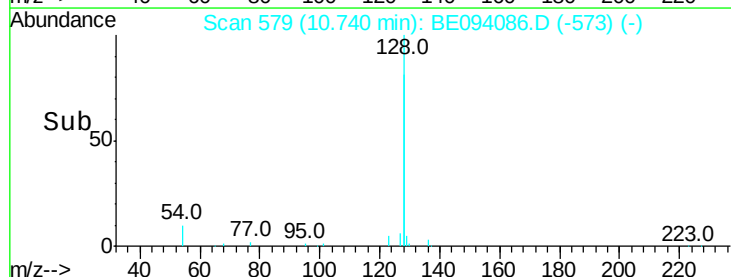
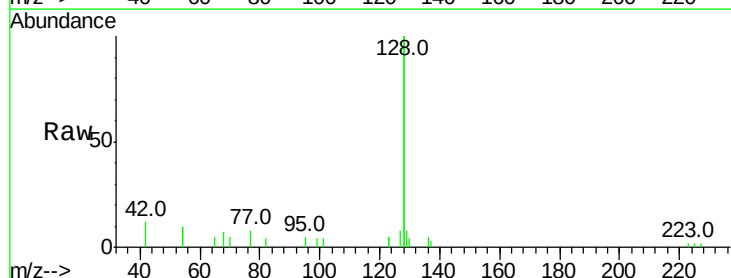
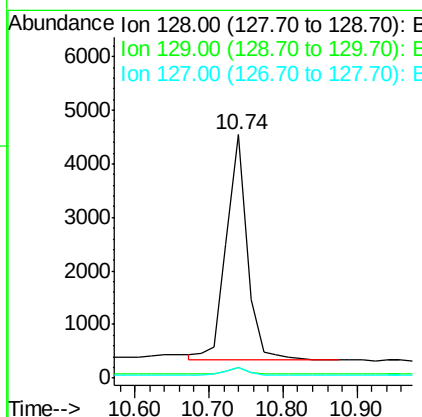
RT: 10.74 min Scan# 579

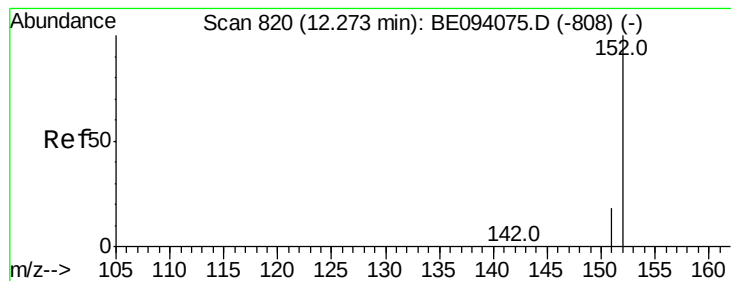
Delta R.T. -0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 8190  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 4.2   | 2.6   | 3.8#  |
| 127      | 4.2   | 2.8   | 4.2#  |





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.27 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

Instrument :

BNA\_E

ClientSampleId :

LT-TS-003

Tot Ion:152 Resp: 6491

Ion Ratio Lower Upper

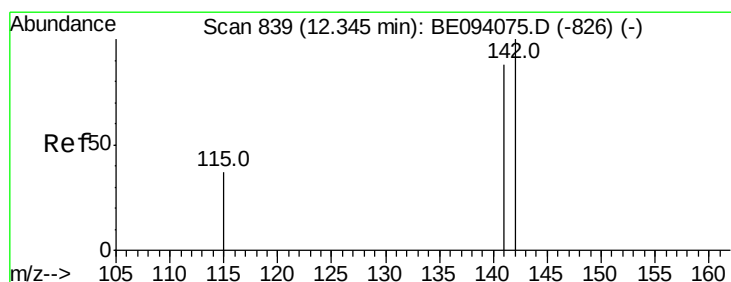
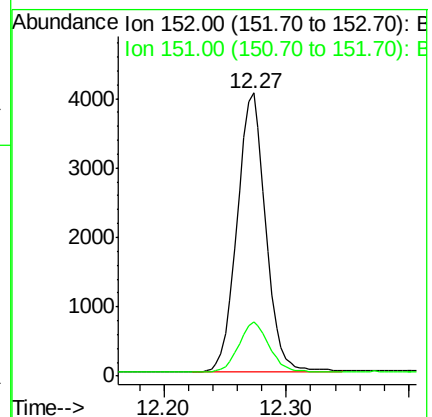
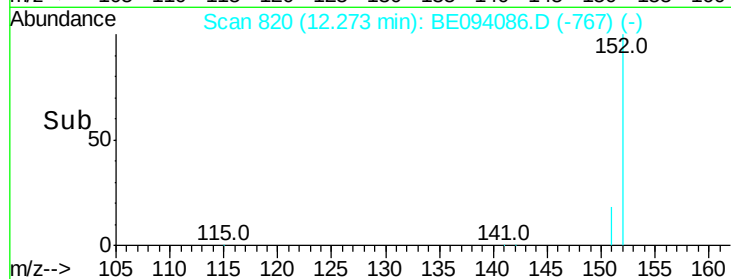
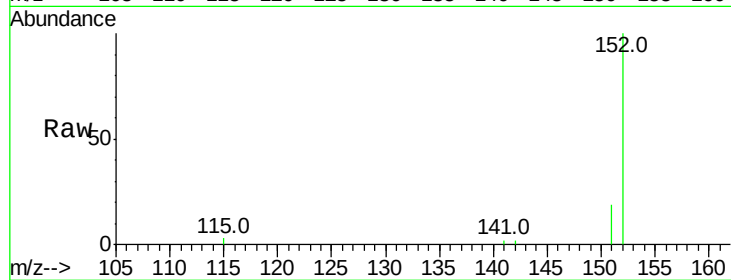
152 100

151 19.1 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 0.049 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

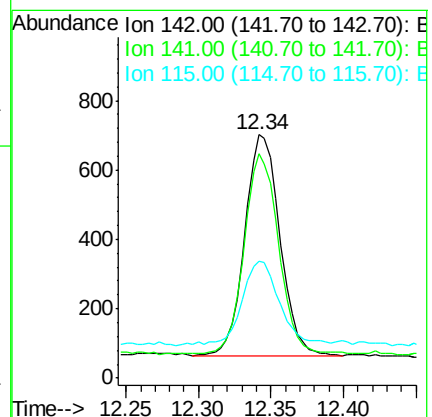
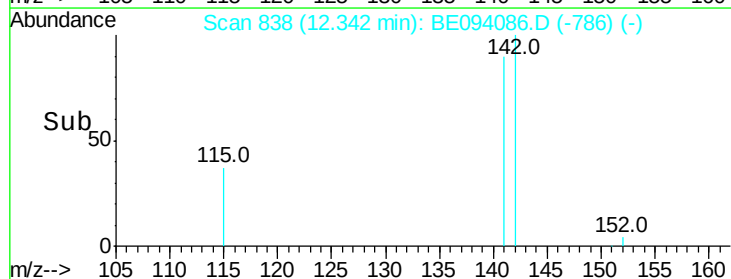
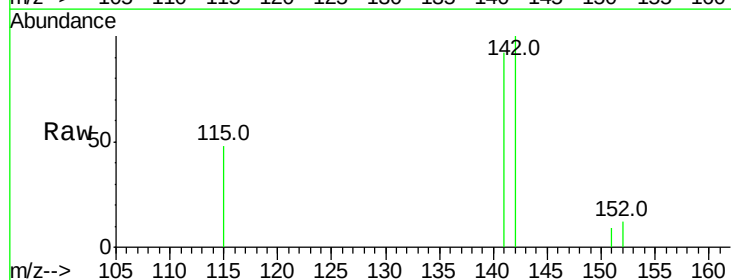
Tgt Ion:142 Resp: 1079

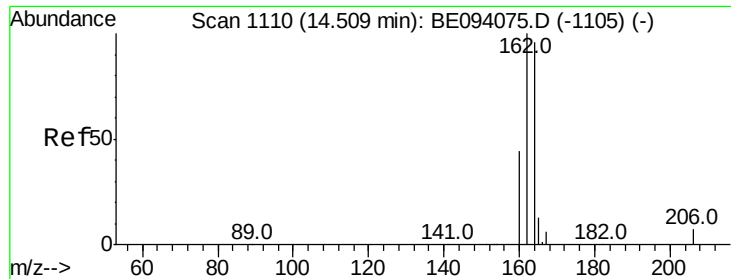
Ion Ratio Lower Upper

142 100

141 92.2 70.4 105.6

115 48.1 31.7 47.5#





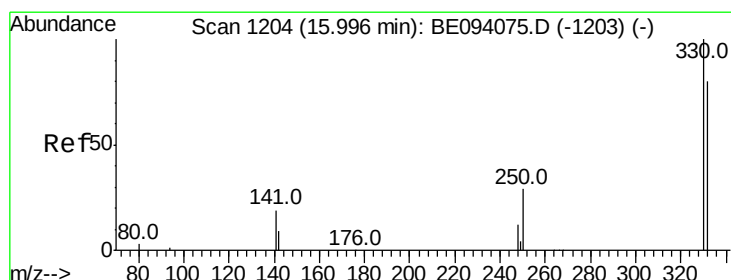
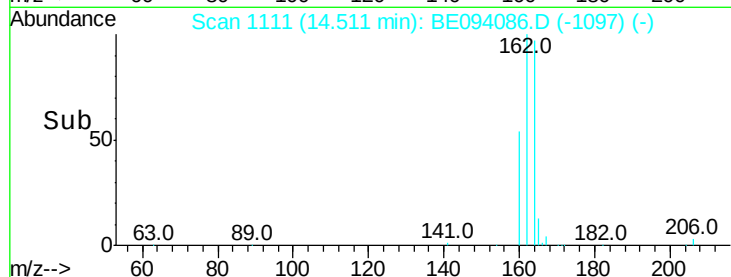
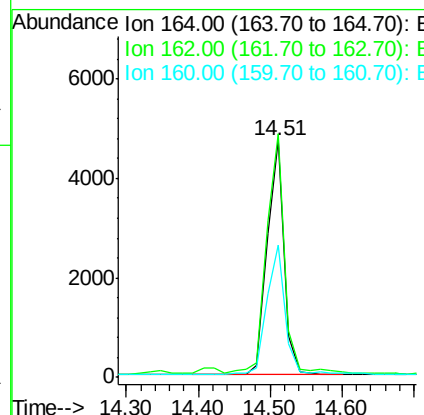
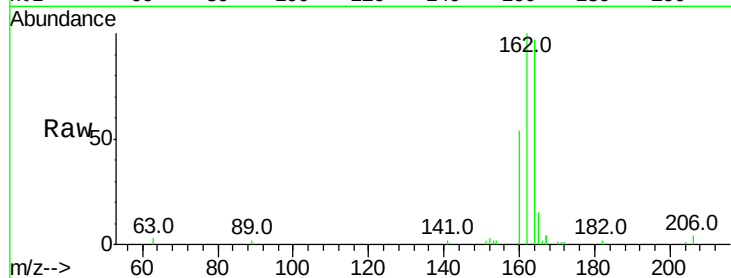
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.51 min Scan# 1111  
 Delta R.T. 0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 83.1  | 124.7 |
| 160     | 55.6  | 37.1  | 55.7  |

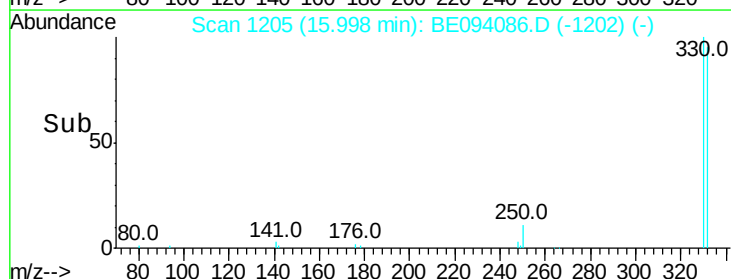
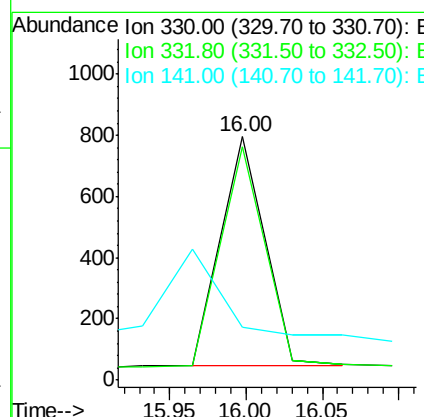
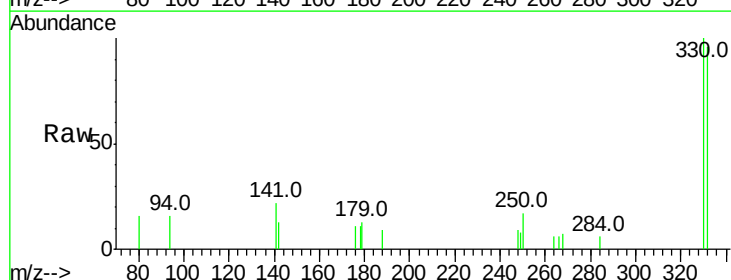
Manual Integrations  
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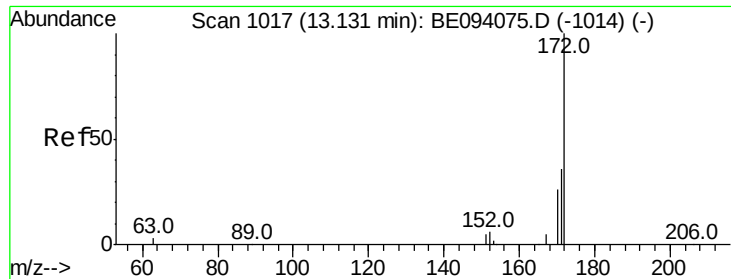
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#14  
 2,4,6-Tribromophenol  
 Concen: 0.258 ng  
 RT: 16.00 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 96.6  | 152.7 | 229.1# |
| 141     | 0.0   | 33.7  | 50.5#  |





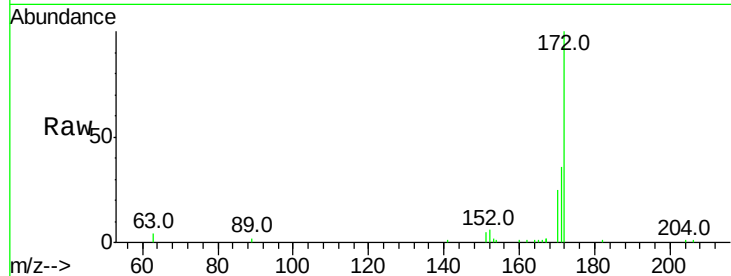
#15  
2-Fluorobiphenyl  
Concen: 0.361 ng  
RT: 13.13 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.9  | 44.9  |
| 170     | 24.7  | 21.8  | 32.8  |

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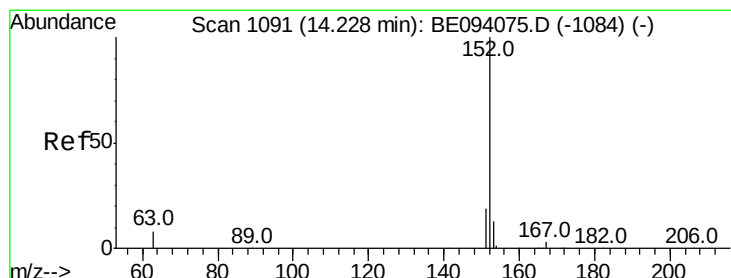
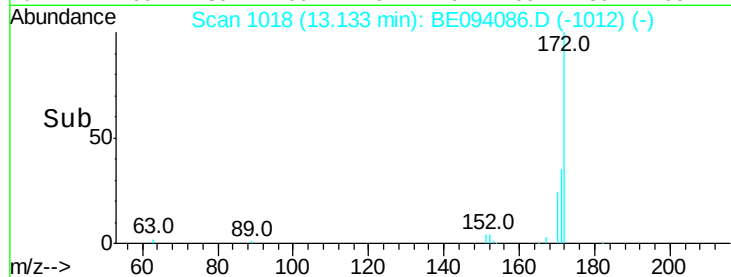
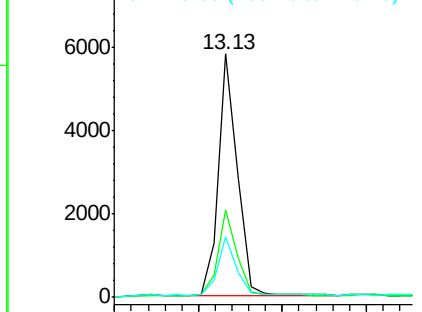


Abundance

Ion 172.00 (171.70 to 172.70): E

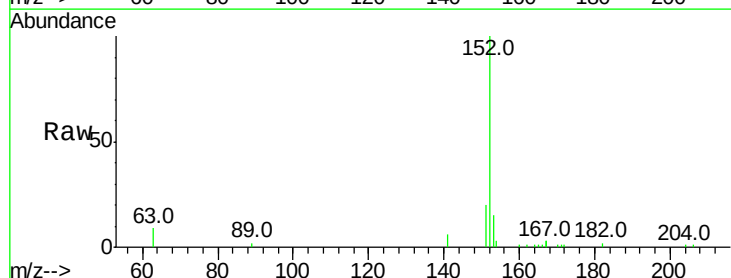
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16  
Acenaphthylene  
Concen: 0.243 ng  
RT: 14.23 min Scan# 1092  
Delta R.T. 0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 15.7  | 23.5  |
| 153     | 13.7  | 10.5  | 15.7  |

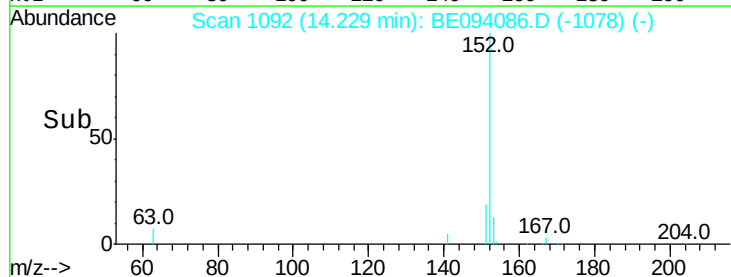
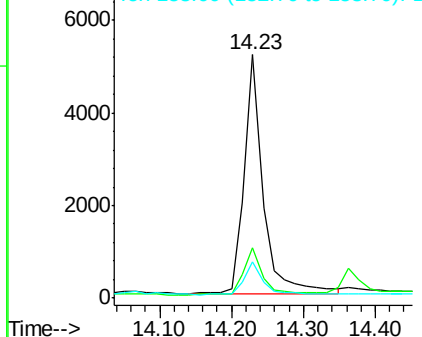


Abundance

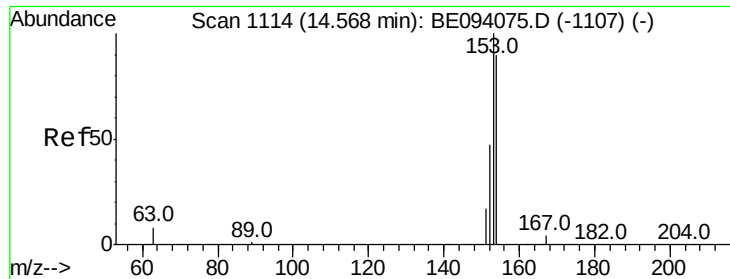
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E







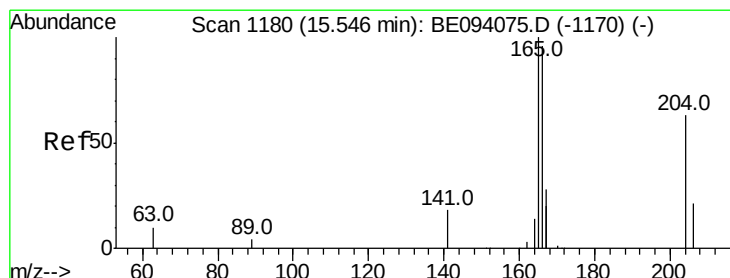
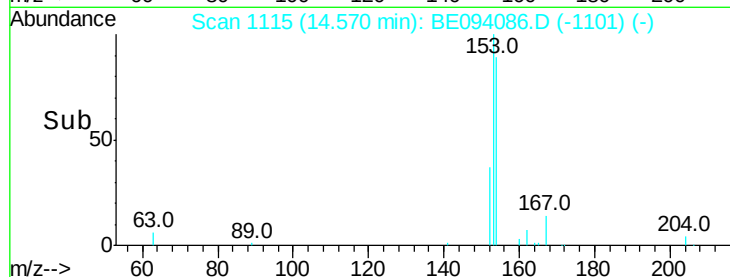
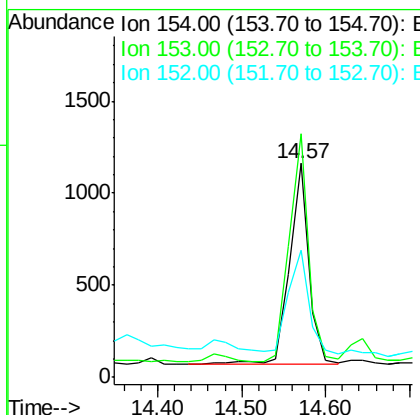
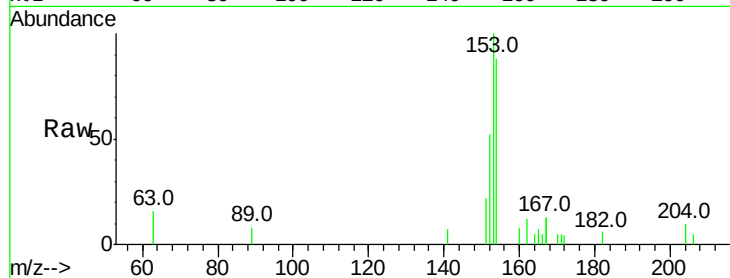
#17  
Acenaphthene  
Concen: 0.069 ng  
RT: 14.57 min Scan# 1115  
Delta R.T. 0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.0 | 89.2  | 133.8 |
| 152     | 54.5  | 42.0  | 63.0  |

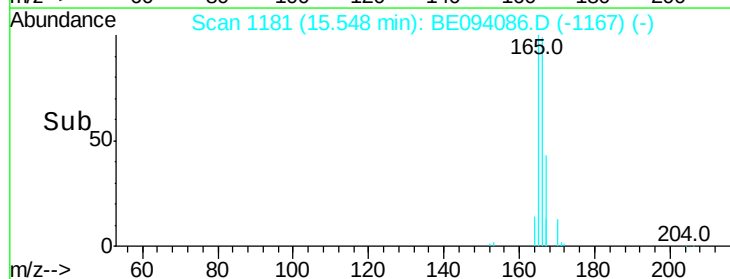
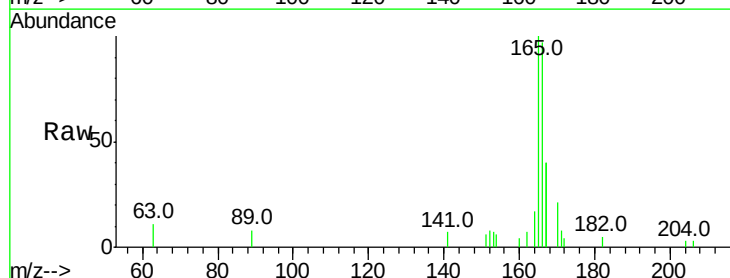
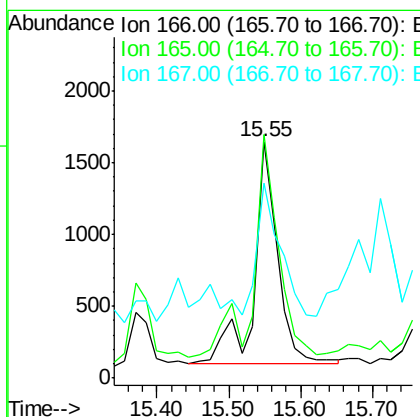
Manual Integrations  
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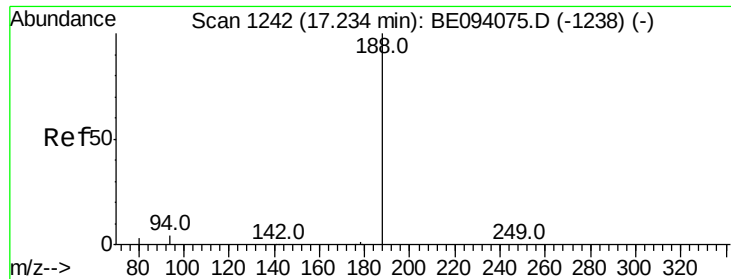
Sohil  
9/25/2017 6:24:38 PM



#18  
Fluorene  
Concen: 0.093 ng  
RT: 15.55 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 107.9 | 77.8  | 116.6 |
| 167     | 59.3  | 42.4  | 63.6  |





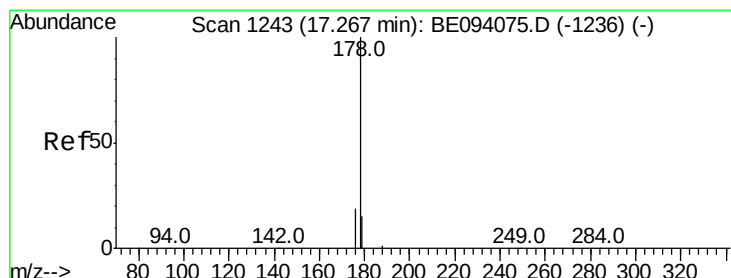
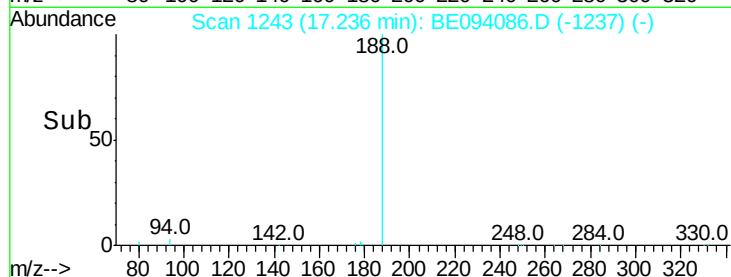
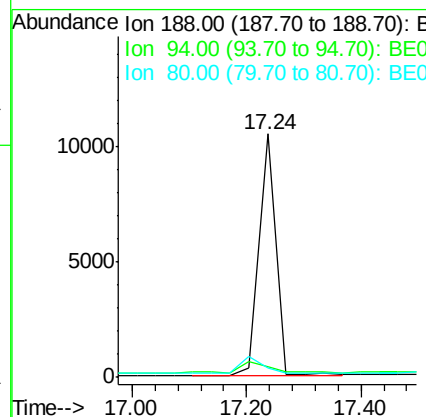
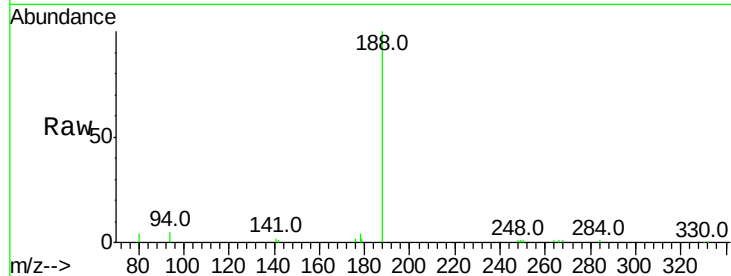
#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.24 min Scan# 1243  
 Delta R.T. 0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

Instrument :  
 BNA\_E  
 ClientSampled :  
 LT-TS-003

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 188     | 100   | 21463 |       |       |
| 94      | 4.5   |       | 3.9   | 5.9   |
| 80      | 4.0   |       | 3.6   | 5.4   |

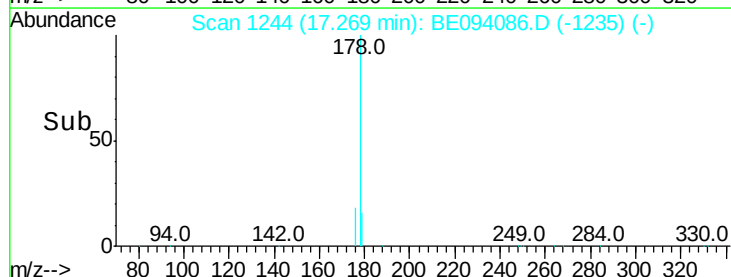
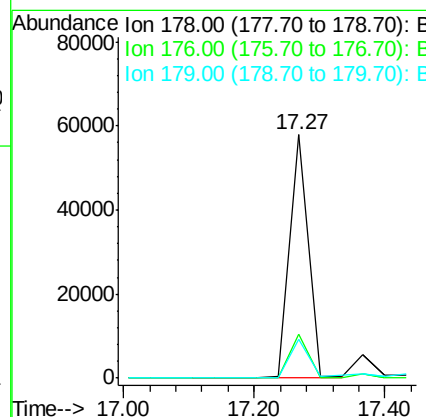
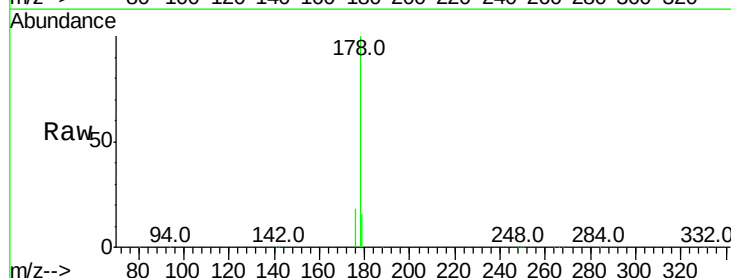
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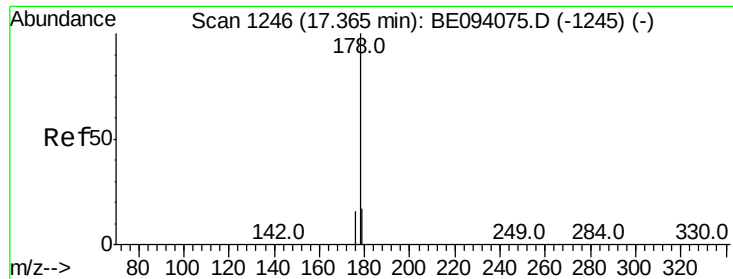
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#23  
 Phenanthrene  
 Concen: 1.498 ng  
 RT: 17.27 min Scan# 1244  
 Delta R.T. 0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 115147 |       |       |
| 176     | 18.3  |        | 15.1  | 22.7  |
| 179     | 16.6  |        | 11.8  | 17.6  |





#24

Anthracene

Concen: 0.193 ng/mL

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

Instrument :

BNA\_E

ClientSampleId :

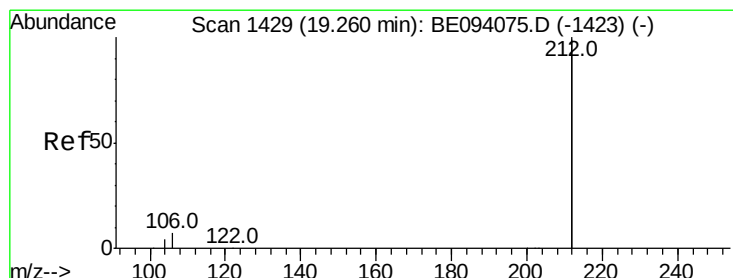
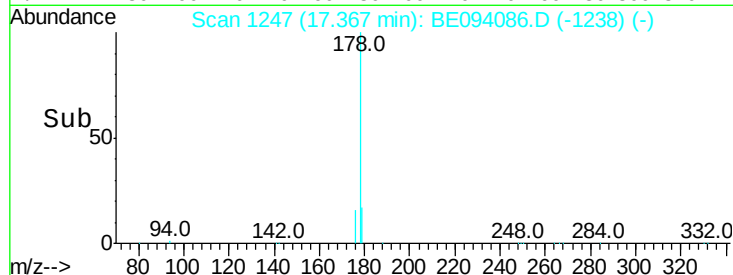
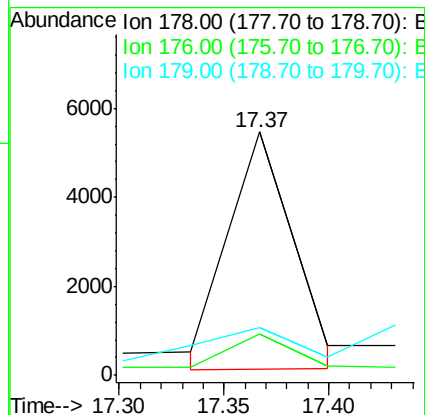
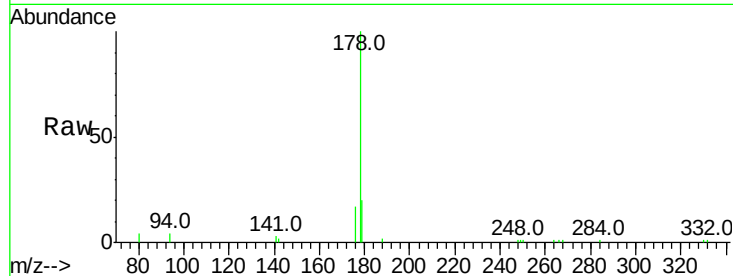
LT-TS-003

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 178   | Resp: | 11459 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 183.4 | 12.8  | 19.2# |
| 179       | 166.0 | 13.0  | 19.6# |

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#25

Fluoranthene-d10

Concen: 0.265 ng/mL

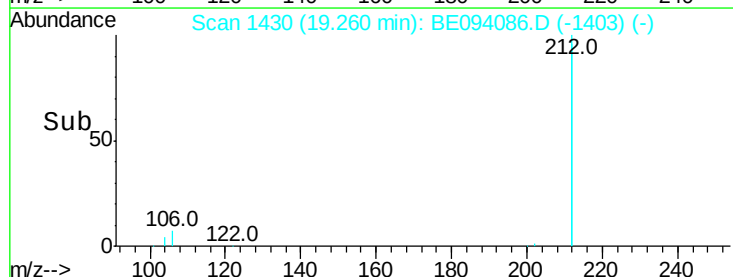
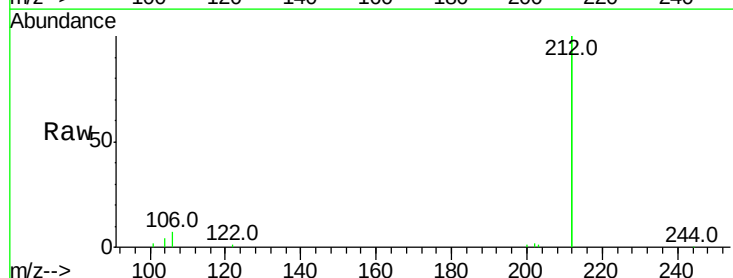
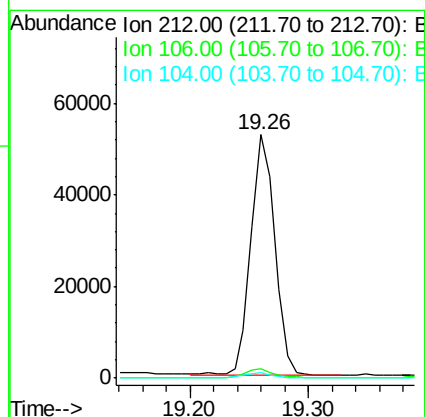
RT: 19.26 min Scan# 1430

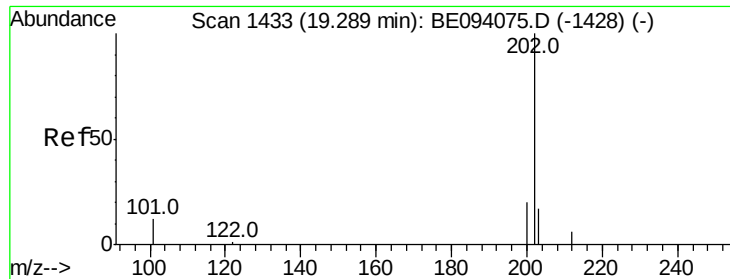
Delta R.T. 0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 73065 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 3.6   | 2.8   | 4.2   |
| 104       | 2.1   | 1.6   | 2.4   |





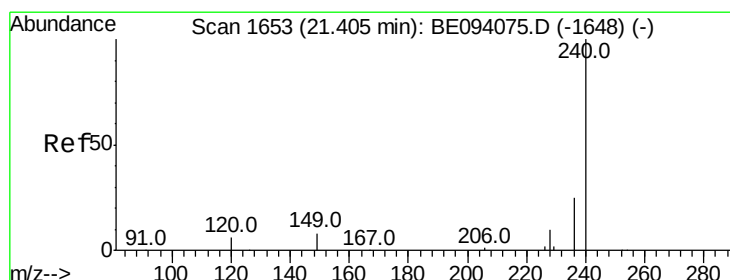
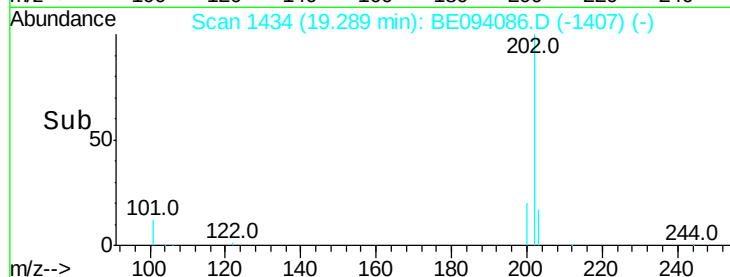
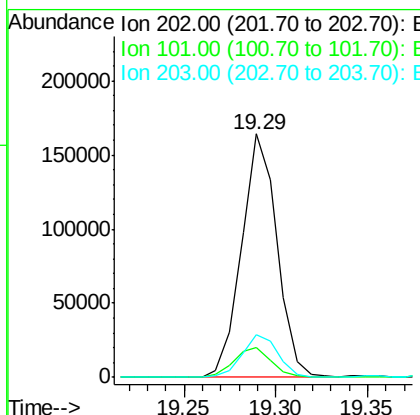
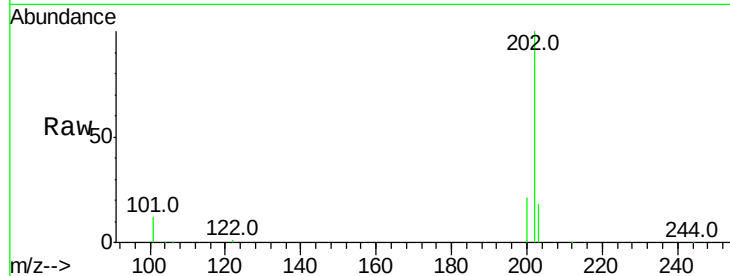
#26  
 Fluoranthene  
 Concen: 2.669 ng  
 RT: 19.29 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-003

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 12.6  | 9.8        | 14.8  |
| 203     | 17.5  | 13.7       | 20.5  |

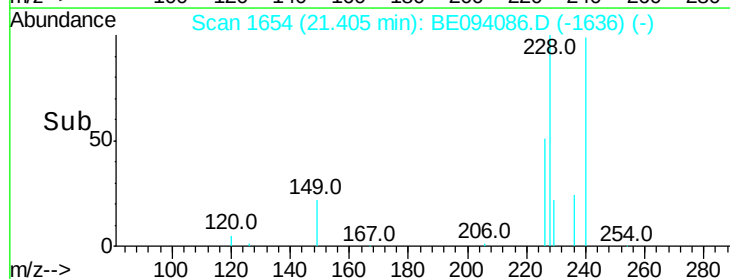
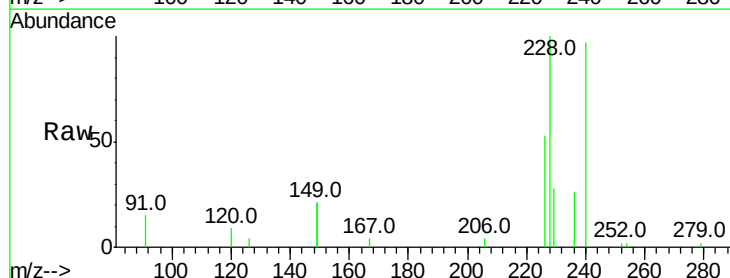
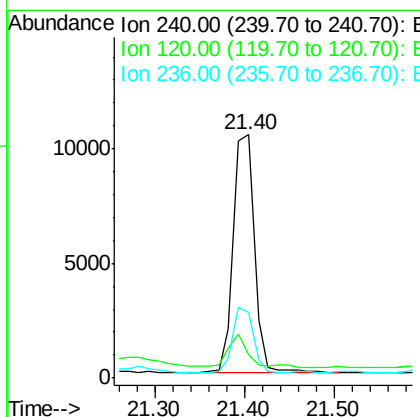
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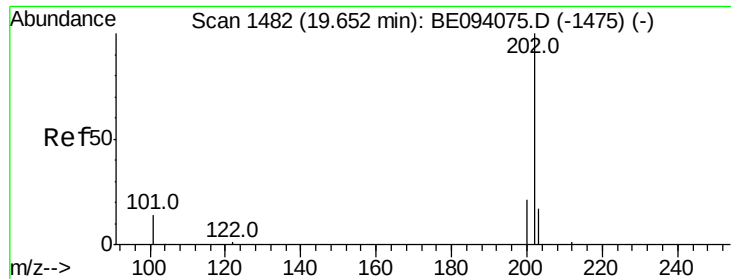
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#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.40 min Scan# 1654  
 Delta R.T. -0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 9.7   | 5.5        | 8.3#  |
| 236     | 27.0  | 20.7       | 31.1  |





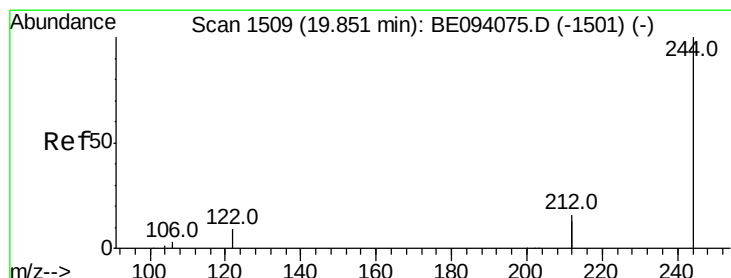
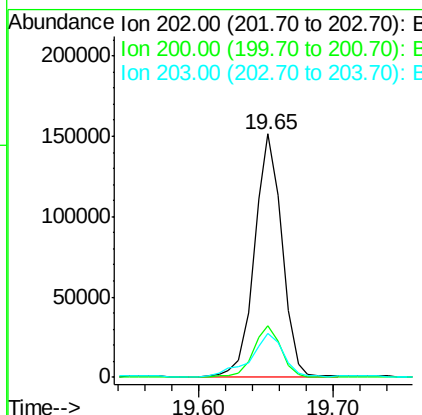
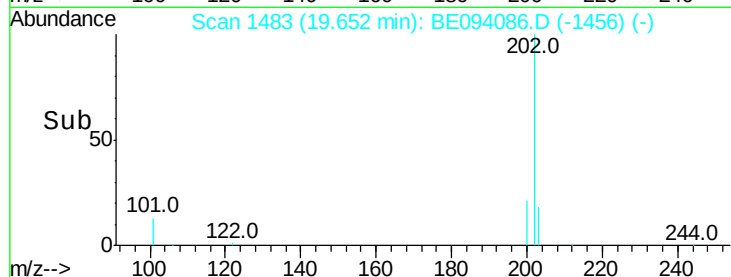
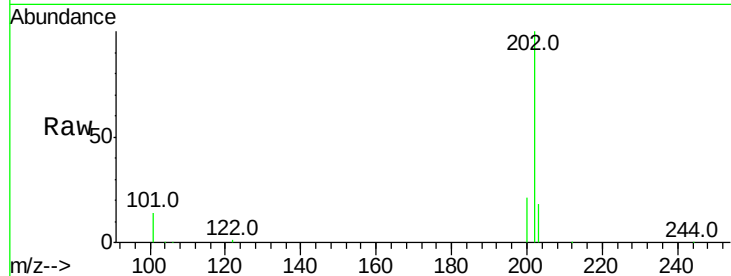
#28  
Pvrene  
Concen: 4.561 ng  
RT: 19.65 min Scan# 1483  
Delta R.T. 0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-003

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.0  | 16.6       | 25.0  |
| 203     | 21.5  | 13.8       | 20.8  |

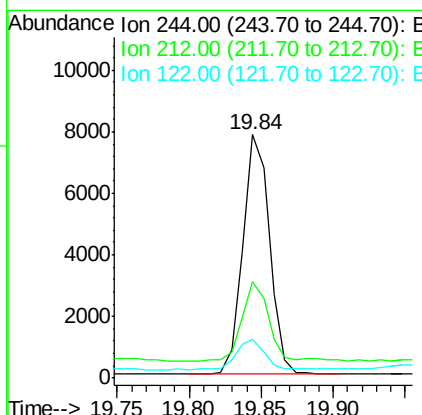
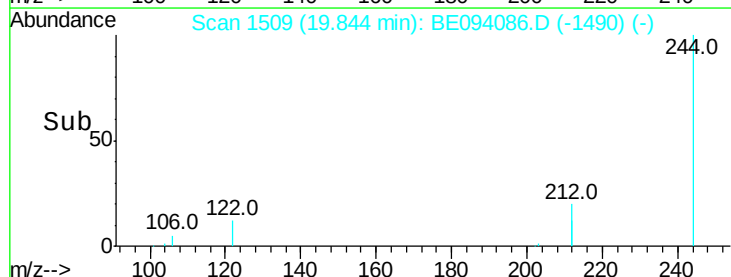
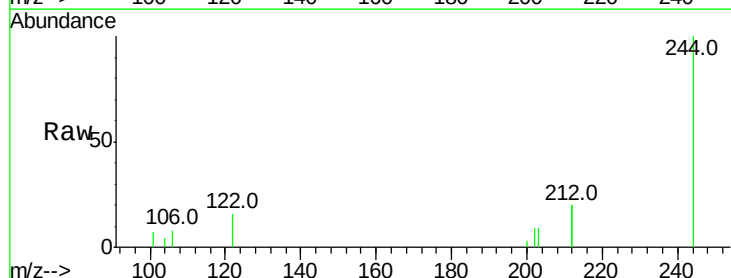
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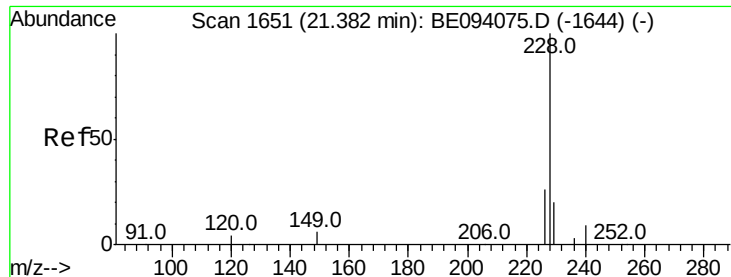
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#29  
Terphenyl-d14  
Concen: 0.377 ng  
RT: 19.84 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 39.4  | 25.4       | 38.0  |
| 122     | 16.1  | 8.1        | 12.1  |





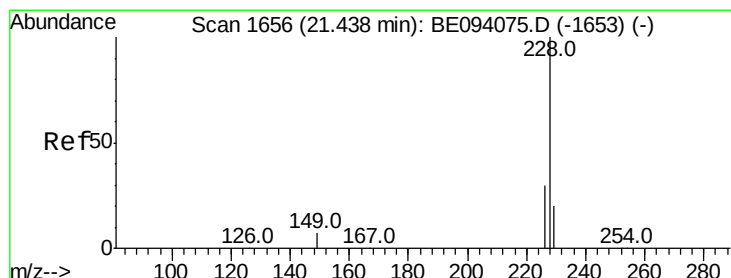
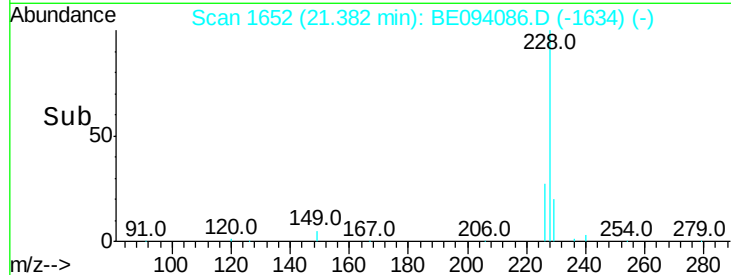
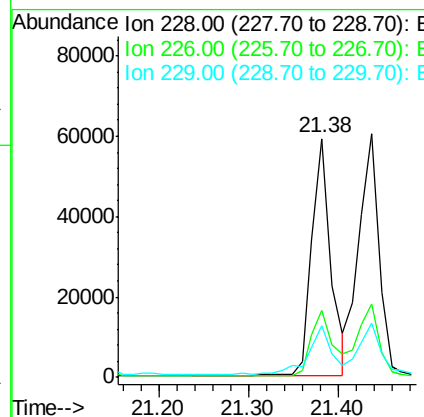
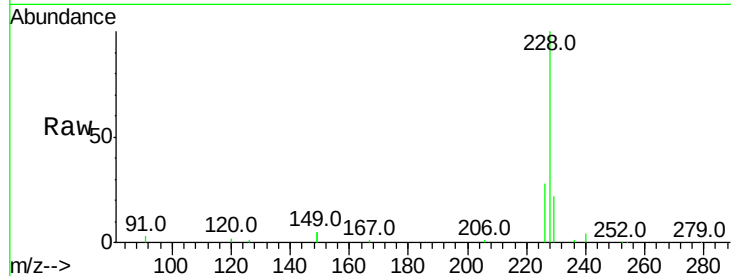
#30  
Benzo(a)anthracene  
Concen: 1.543 ng  
RT: 21.38 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 21.4  | 32.0  |
| 229     | 21.6  | 16.4  | 24.6  |

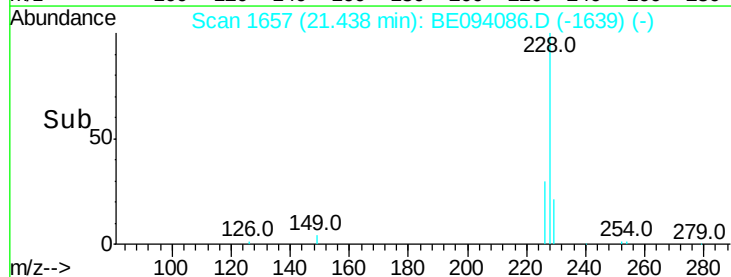
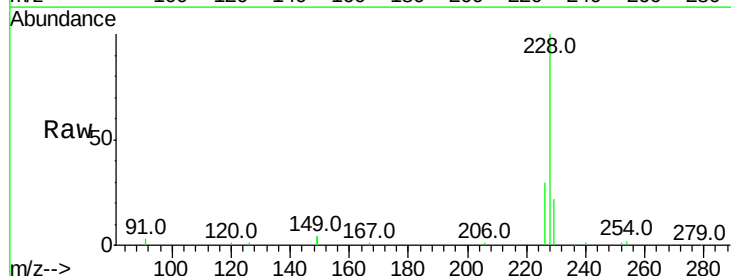
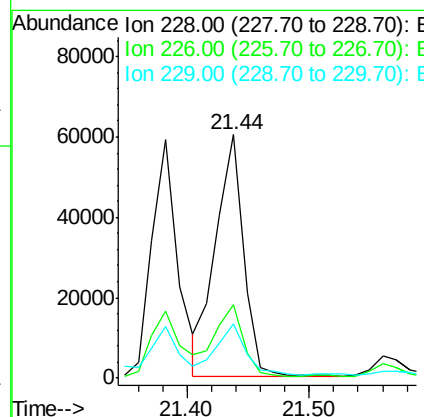
Manual Integrations  
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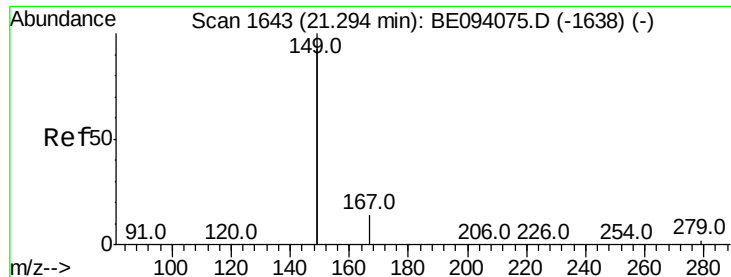
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#31  
Chrysene  
Concen: 1.705 ng  
RT: 21.44 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 23.6  | 35.4  |
| 229     | 22.3  | 16.4  | 24.6  |





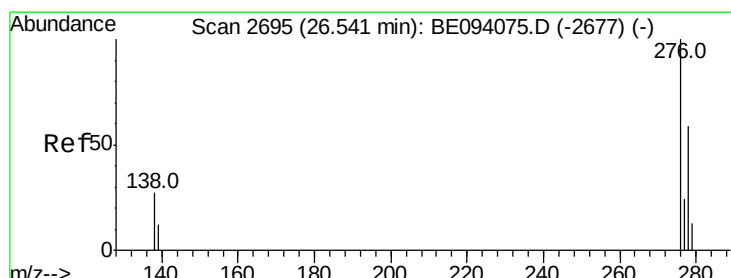
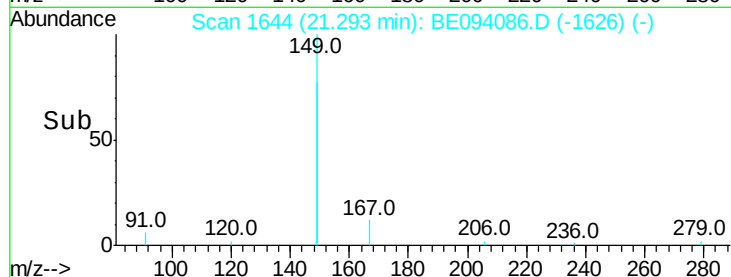
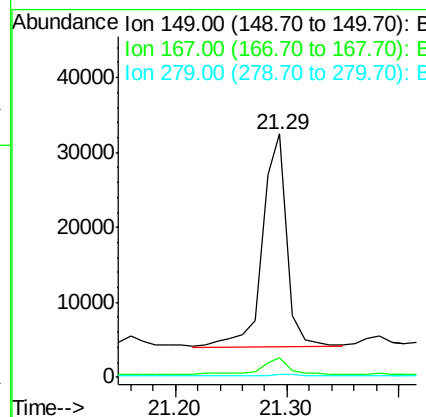
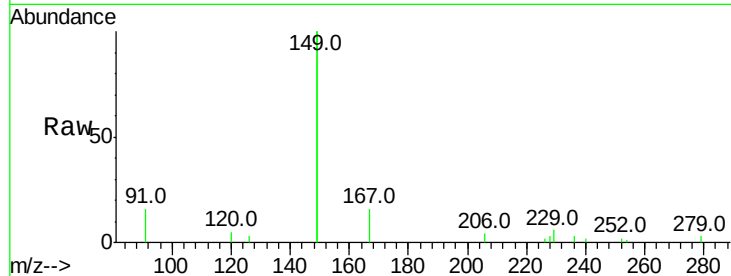
#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.281 ng  
 RT: 21.29 min Scan# 1644  
 Delta R.T. -0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 7.7   | 5.4   | 8.0   |
| 279     | 1.0   | 0.7   | 1.1   |

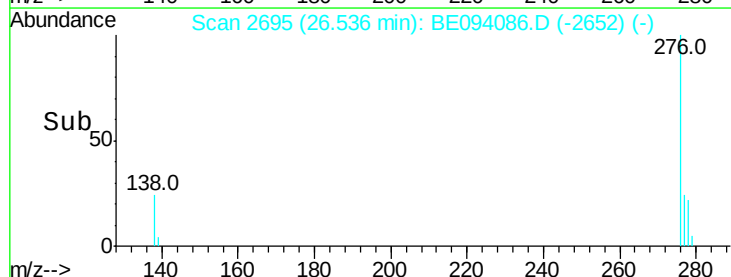
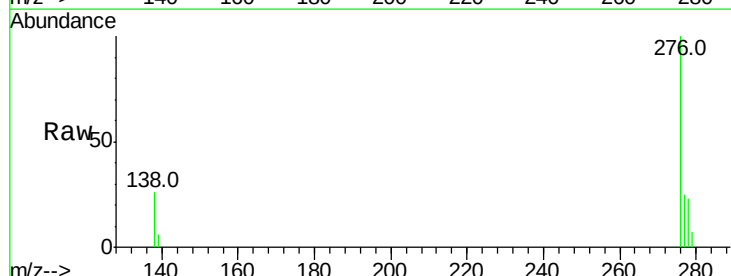
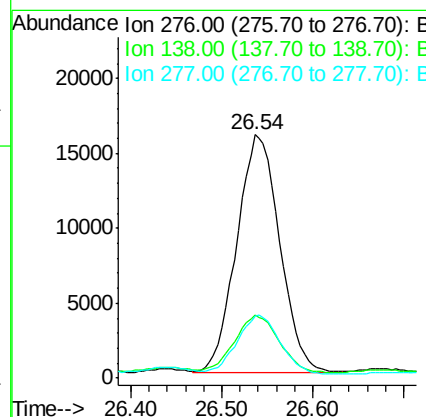
Manual Integrations  
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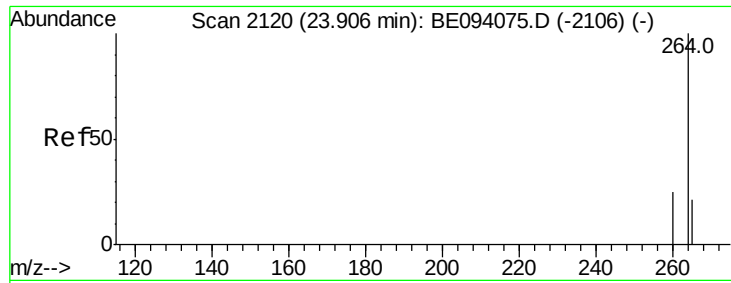
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#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.214 ng  
 RT: 26.54 min Scan# 2695  
 Delta R.T. -0.00 min  
 Lab File: BE094086.D  
 Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.6  | 22.5  | 33.7  |
| 277     | 24.7  | 19.9  | 29.9  |





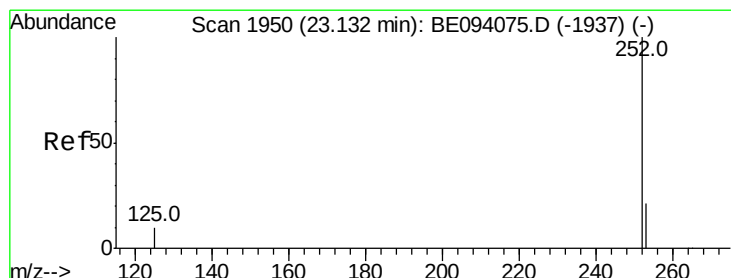
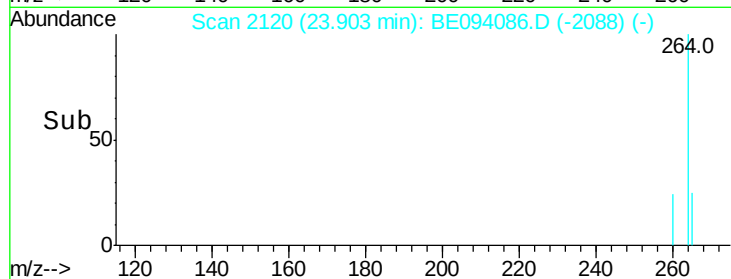
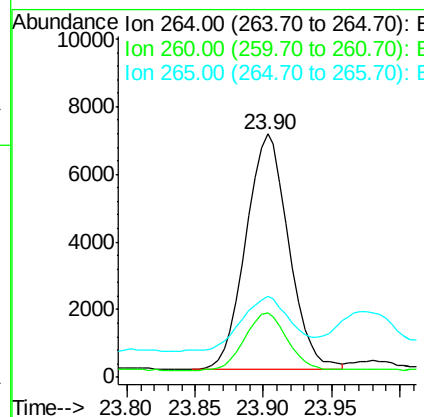
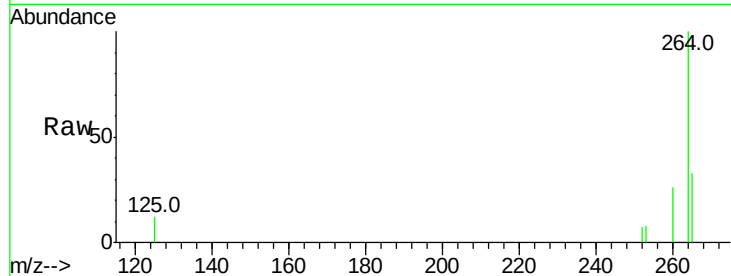
#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.90 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-003

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 26.5  | 20.5 | 30.7  |       |
| 265     | 33.2  | 22.8 | 34.2  |       |

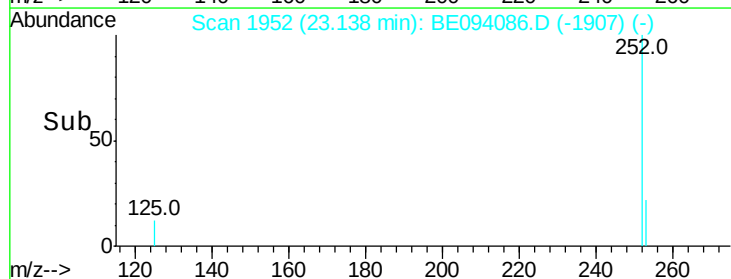
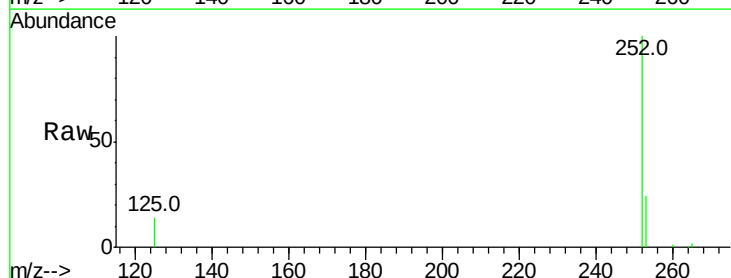
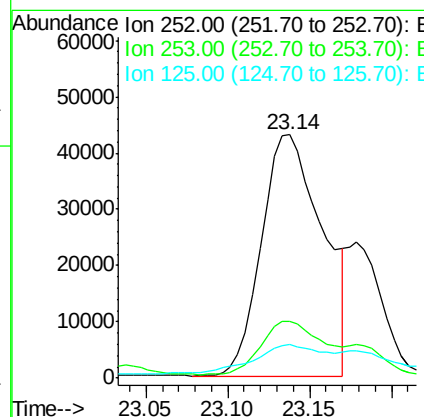
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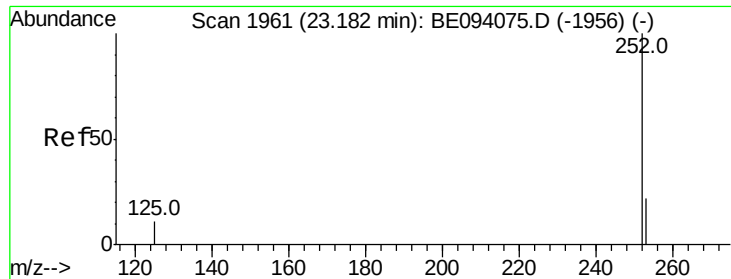


#35  
Benzo(b)fluoranthene  
Concen: 2.027 ng  
RT: 23.14 min Scan# 1952  
Delta R.T. 0.01 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 253     | 23.5  | 18.2 | 27.2  |       |
| 125     | 13.7  | 10.1 | 15.1  |       |







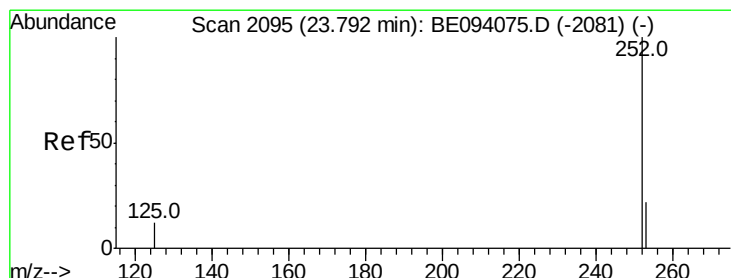
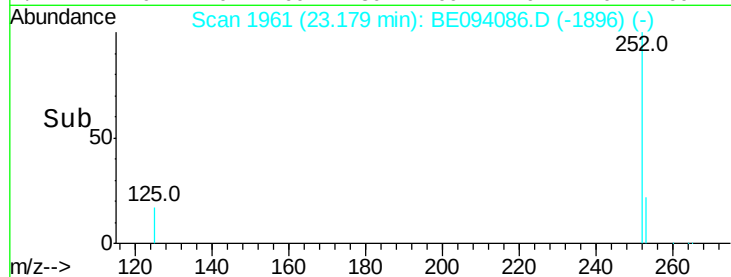
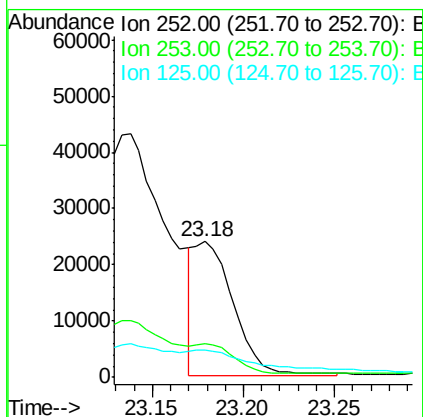
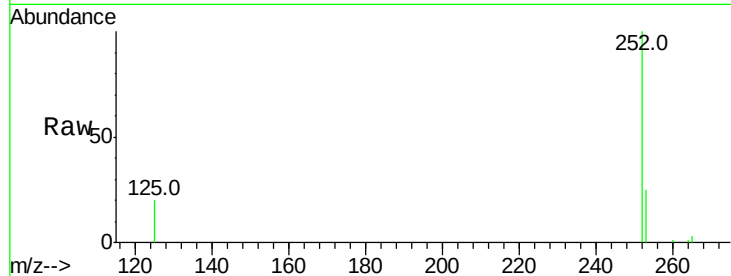
#36  
Benzo(k)fluoranthene  
Concen: 0.639 ng m  
RT: 23.18 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

Instrument :  
BNA\_E  
ClientSampled :  
LT-TS-003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.9  | 18.6  | 27.8  |
| 125     | 20.1  | 10.7  | 16.1  |

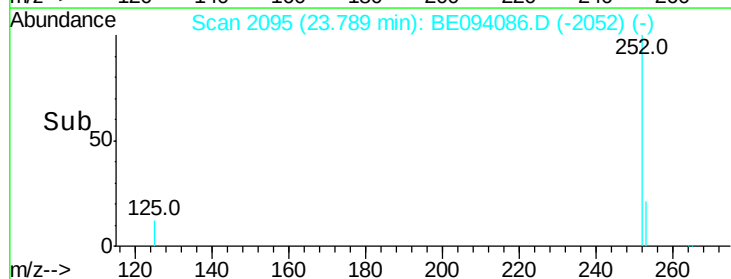
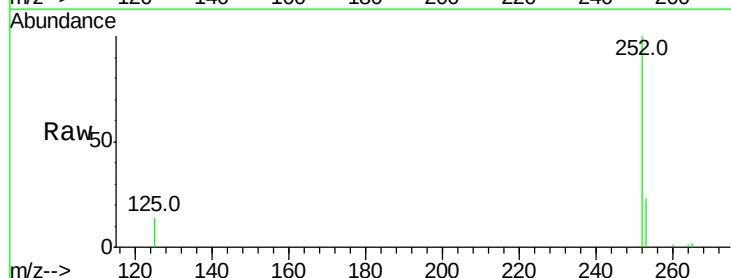
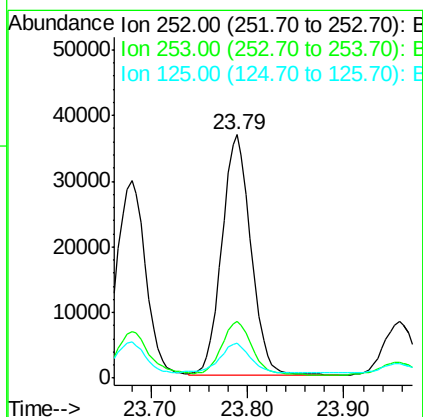
Manual Integrations  
APPROVED

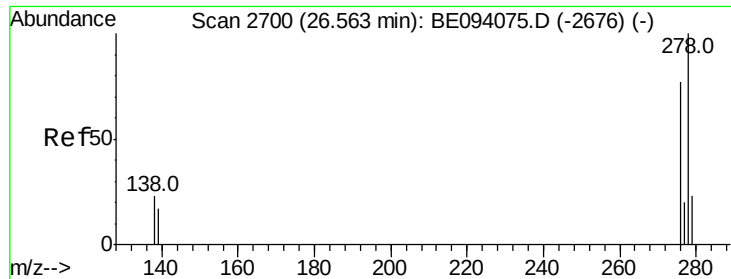
Sohil  
9/25/2017 6:24:38 PM



#37  
Benzo(a)pyrene  
Concen: 1.535 ng  
RT: 23.79 min Scan# 2095  
Delta R.T. -0.00 min  
Lab File: BE094086.D  
Acq: 23 Sep 2017 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 19.0  | 28.6  |
| 125     | 14.1  | 11.8  | 17.8  |





#38

Dibenzo(a,h)anthracene

Concen: 0.363 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.01 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

Instrument :

BNA\_E

ClientSampled :

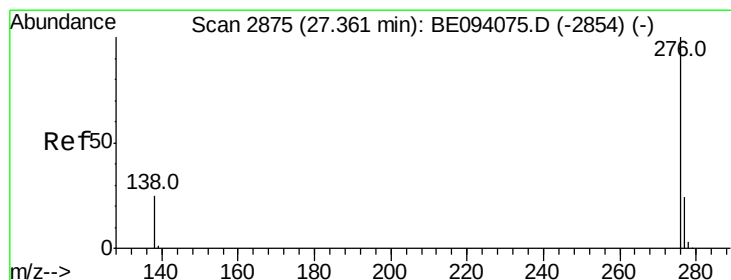
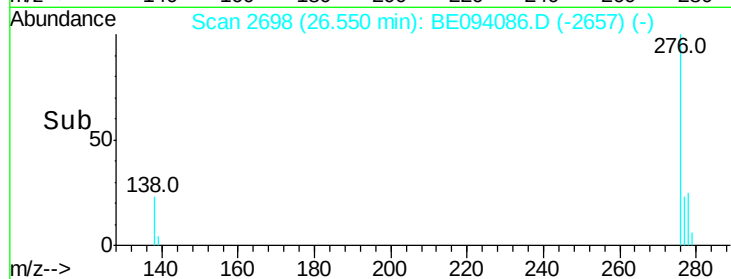
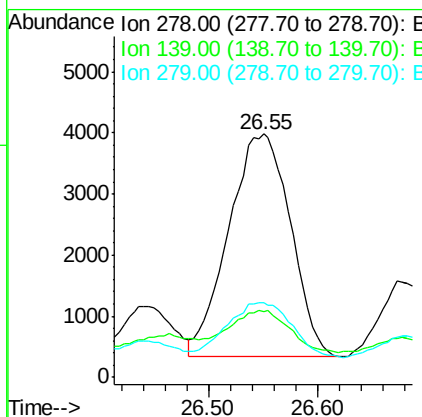
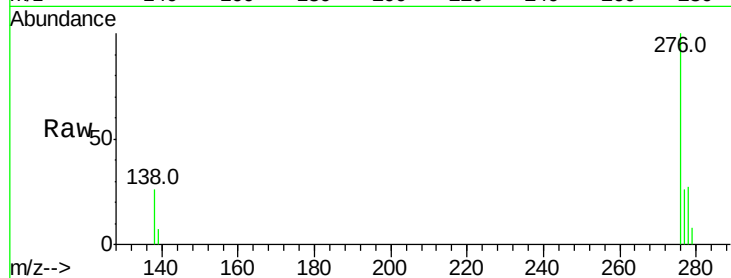
LT-TS-003

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 278   | Resp: | 14366 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 26.8  | 16.3  | 24.5# |
| 279       | 30.7  | 19.9  | 29.9# |

Manual Integrations  
APPROVED

Sohil

9/25/2017 6:24:38 PM



#39

Benzo(g,h,i)perylene

Concen: 1.396 ng

RT: 27.36 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE094086.D

Acq: 23 Sep 2017 20:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 55294 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.5  | 20.8  | 31.2  |
| 138       | 27.1  | 21.5  | 32.3  |

