

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\  
 Data File : BE094084.D  
 Acq On : 23 Sep 2017 18:53  
 Operator : SJ/JU  
 Sample : I5340-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-001

Manual Integrations  
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 9/25/2017 6:24:35 PM

Quant Time: Sep 25 13:14:26 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      | 7.91  | 152  | 1227     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.69 | 136  | 7330     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.51 | 164  | 5378     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.23 | 188  | 18057    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.39 | 240  | 19631    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.90 | 264  | 14596    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.50  | 112  | 1854     | 0.22  | ng    | 0.00     |
| 5) Phenol-d6                   | 7.09  | 99   | 2566     | 0.35  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.06  | 82   | 1860     | 0.29  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.27 | 152  | 3562     | 0.29  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.00 | 330  | 982      | 0.24  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.13 | 172  | 4901     | 0.28  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.26 | 212  | 54821    | 0.24  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.84 | 244  | 8265     | 0.27  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 9) Naphthalene                 | 10.74 | 128  | 4990     | 0.053 | ng    | # 95     |
| 12) 2-Methylnaphthalene        | 12.35 | 142  | 726      | 0.049 | ng    | # 91     |
| 16) Acenaphthylene             | 14.23 | 152  | 10399    | 0.384 | ng    | 100      |
| 17) Acenaphthene               | 14.57 | 154  | 1326     | 0.074 | ng    | 98       |
| 18) Fluorene                   | 15.55 | 166  | 3721     | 0.139 | ng    | 89       |
| 22) Pentachlorophenol          | 16.91 | 266  | 2498     | 4.951 | ng    | # 73     |
| 23) Phenanthrene               | 17.27 | 178  | 137940   | 2.133 | ng    | 98       |
| 24) Anthracene                 | 17.36 | 178  | 19625m   | 0.394 | ng    |          |
| 26) Fluoranthene               | 19.29 | 202  | 187782   | 2.706 | ng    | 99       |
| 28) Pvrene                     | 19.65 | 202  | 168097   | 3.095 | ng    | 96       |
| 30) Benzo(a)anthracene         | 21.38 | 228  | 101419   | 1.543 | ng    | 99       |
| 31) Chrysene                   | 21.44 | 228  | 97337    | 1.511 | ng    | 97       |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 43711    | 0.247 | ng    | 100      |
| 33) Indeno(1,2,3-cd)pyrene     | 26.54 | 276  | 43270    | 0.869 | ng    | 96       |
| 35) Benzo(b)fluoranthene       | 23.13 | 252  | 111327   | 2.107 | ng    | 99       |
| 36) Benzo(k)fluoranthene       | 23.18 | 252  | 33446m   | 0.631 | ng    |          |
| 37) Benzo(a)pvrene             | 23.79 | 252  | 65573    | 1.382 | ng    | 99       |
| 38) Dibenzo(a,h)anthracene     | 26.55 | 278  | 11727    | 0.309 | ng    | # 87     |
| 39) Benzo(g,h,i)perylene       | 27.36 | 276  | 42518    | 1.120 | ng    | 99       |

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

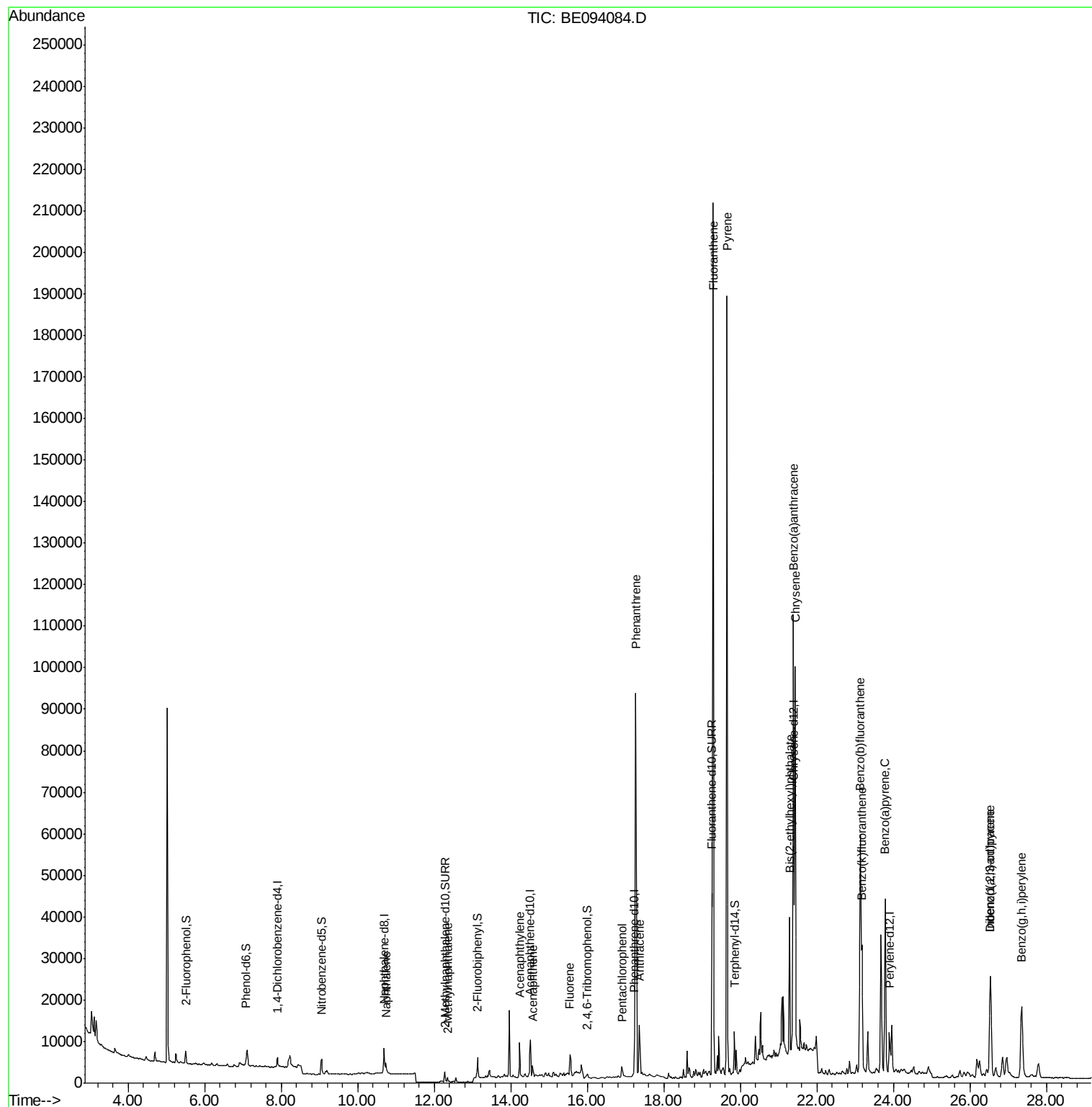
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\  
Data File : BE094084.D  
Acq On : 23 Sep 2017 18:53  
Operator : SJ/JU  
Sample : I5340-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

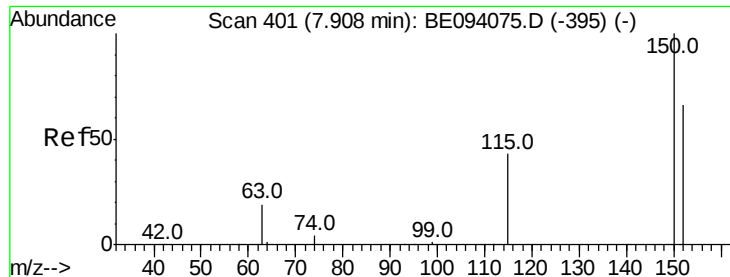
Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-001

Quant Time: Sep 25 13:14:26 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

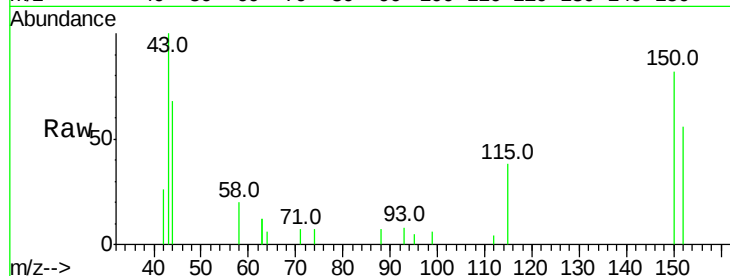
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.91 min Scan# 401  
Delta R.T. -0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

Instrument :  
BNA\_E  
ClientSampled :  
LT-TS-001

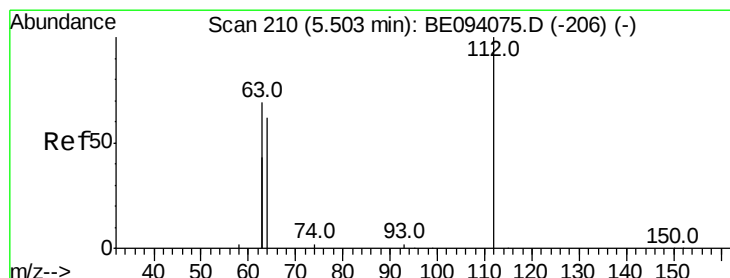
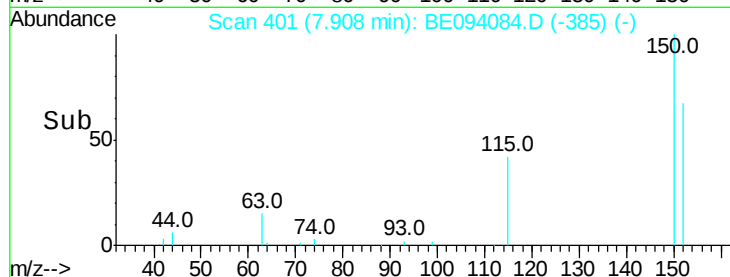
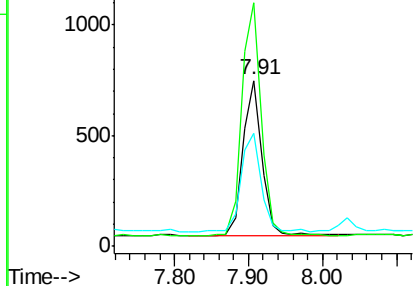
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 146.7 | 117.2 | 175.8 |
| 115     | 67.7  | 57.0  | 85.6  |

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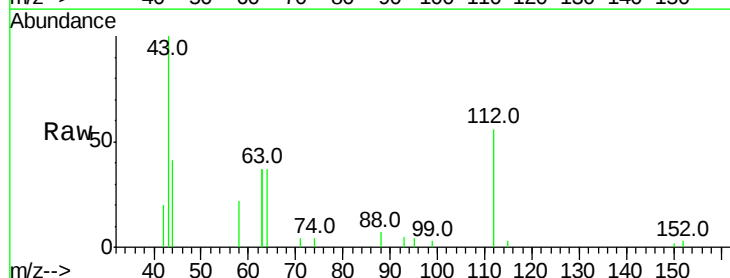
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



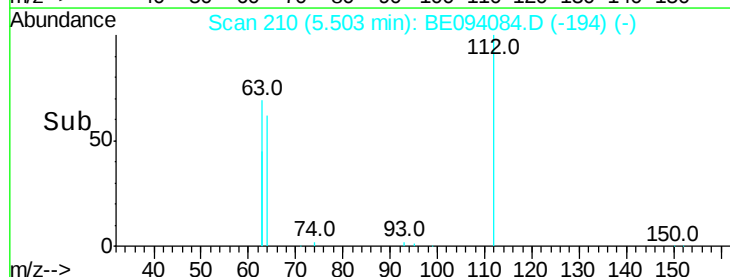
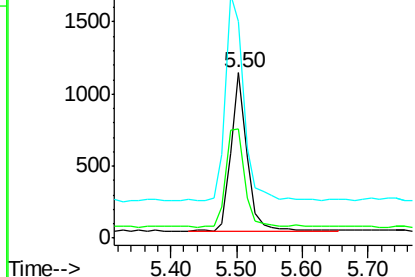
#4

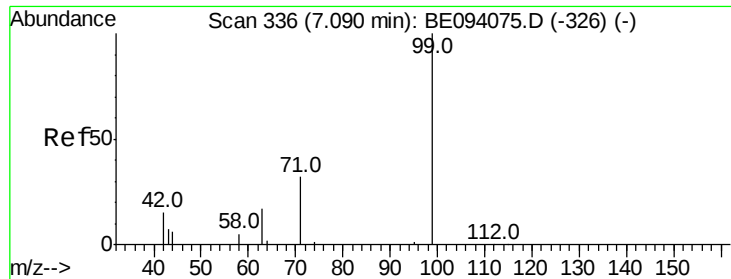
2-Fluorophenol  
Concen: 0.216 ng  
RT: 5.50 min Scan# 210  
Delta R.T. -0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 72.7  | 60.1  | 90.1  |
| 63      | 149.9 | 116.8 | 175.2 |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.354 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

Instrument :

BNA\_E

ClientSampled :

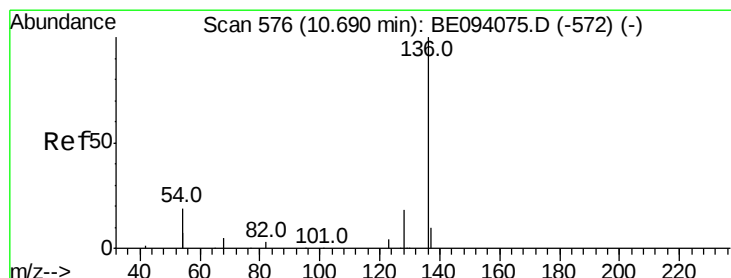
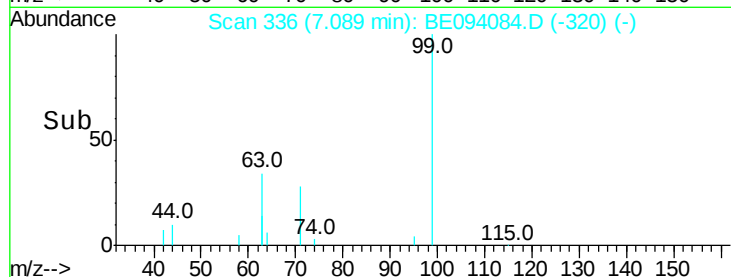
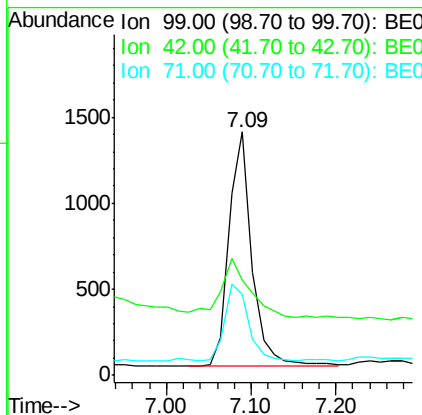
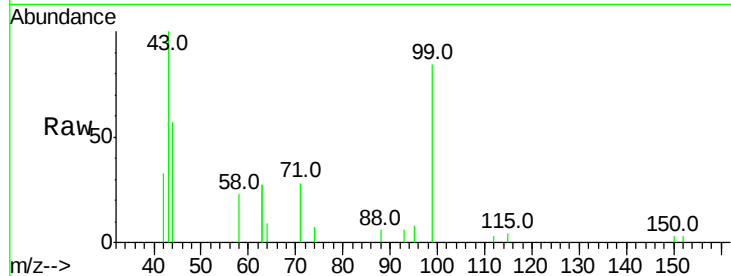
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 2566  |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 31.4  | 20.2  | 30.2# |
| 71        | 34.8  | 28.4  | 42.6  |

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#7

Naphthalene-d8

Concen: 0.400 ng

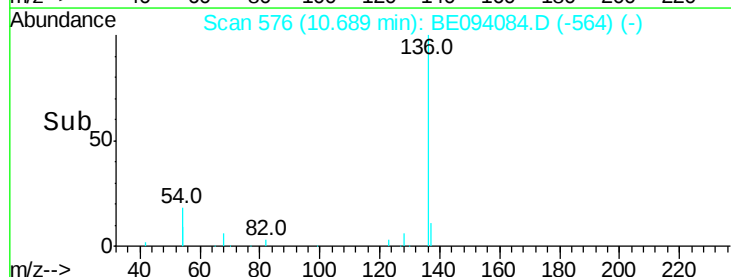
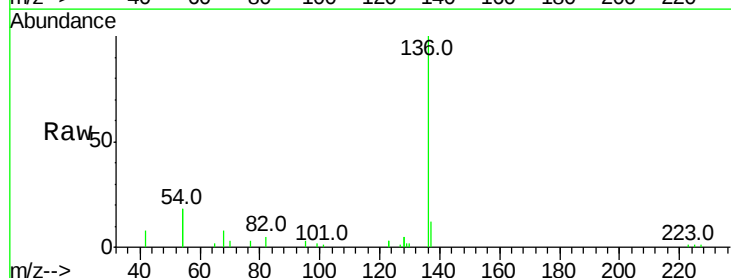
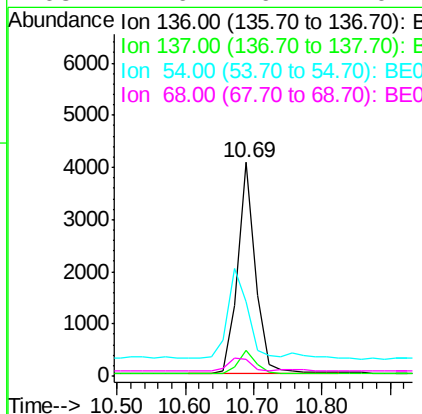
RT: 10.69 min Scan# 576

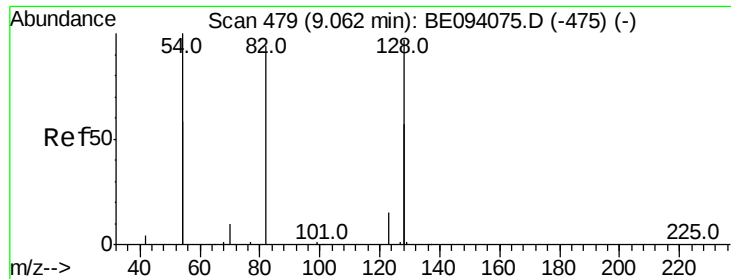
Delta R.T. -0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 7330 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.8  | 9.5   | 14.3 |
| 54        | 35.0  | 29.1  | 43.7 |
| 68        | 7.6   | 6.2   | 9.2  |





#8

Nitrobenzene-d5

Concen: 0.285 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

Instrument :

BNA\_E

ClientSampleId :

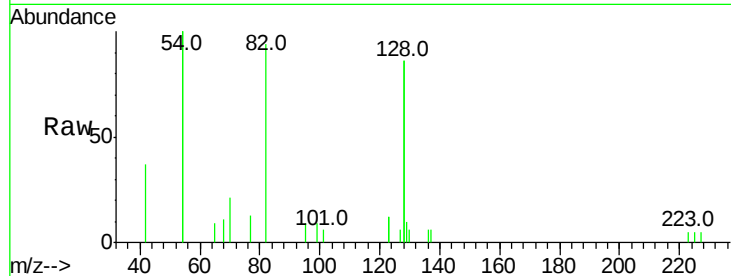
LT-TS-001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 82    | Resp: | 1860  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 183.3 | 150.0 | 225.0 |
| 54       | 212.8 | 154.2 | 231.4 |

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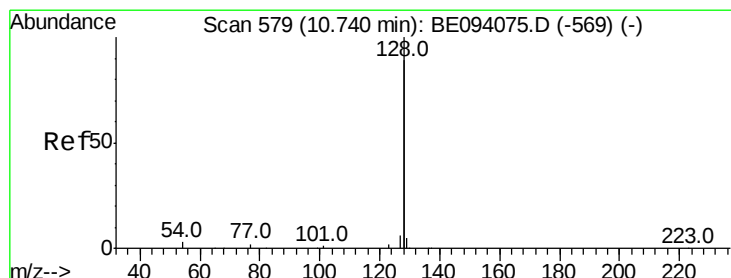
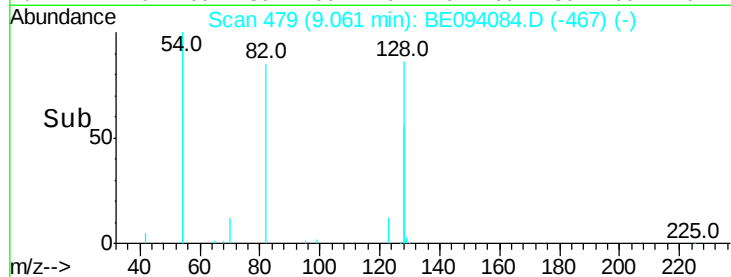
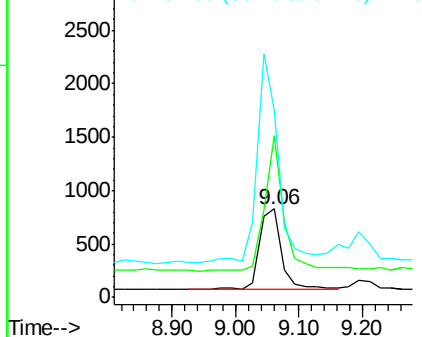
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Abundance Ion 82.00 (81.70 to 82.70): BE094084.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094084.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094084.D (-467) (-)



#9

Naphthalene

Concen: 0.053 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094084.D

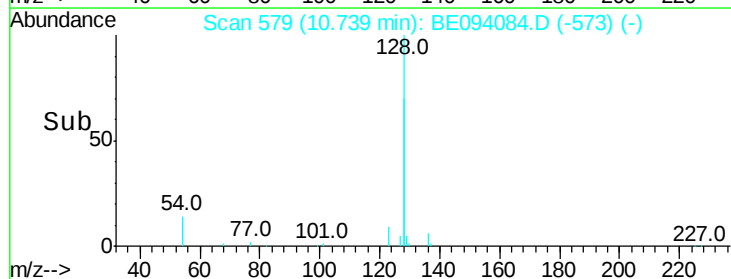
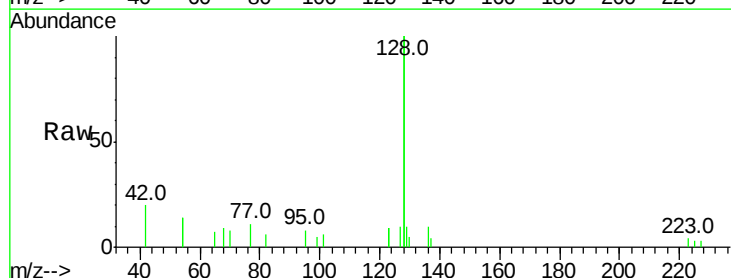
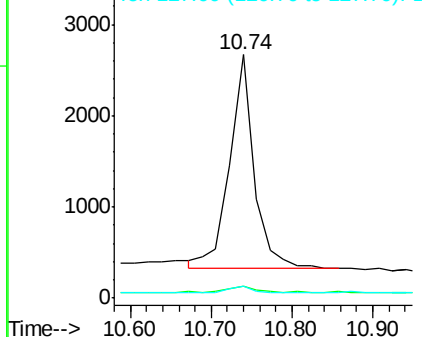
Acq: 23 Sep 2017 18:53

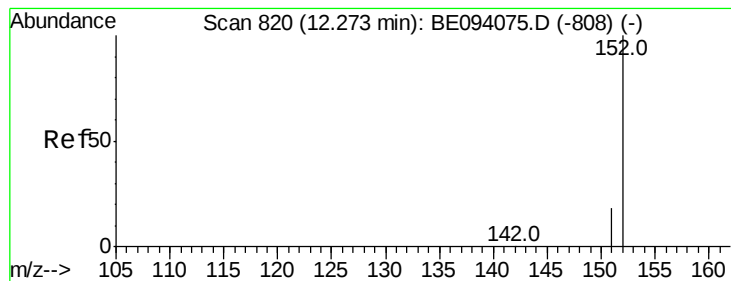
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4990  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 5.1   | 2.6   | 3.8#  |
| 127      | 4.9   | 2.8   | 4.2#  |

Abundance Ion 128.00 (127.70 to 128.70): BE094084.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE094084.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE094084.D (-573) (-)





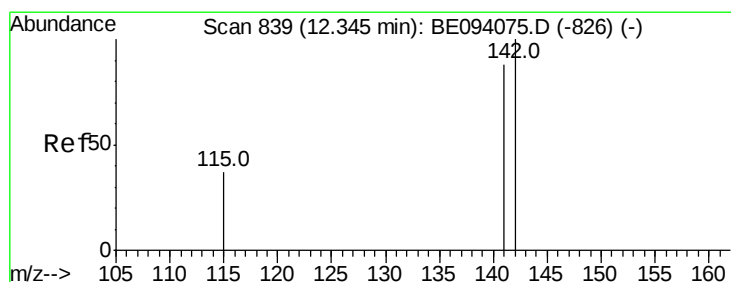
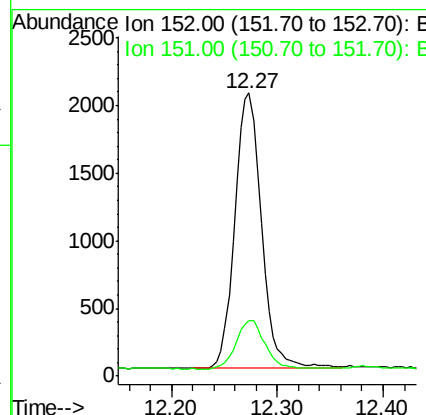
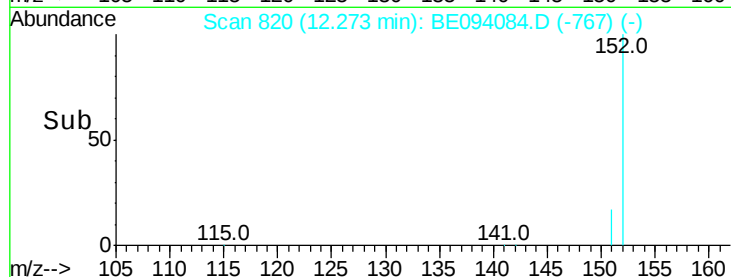
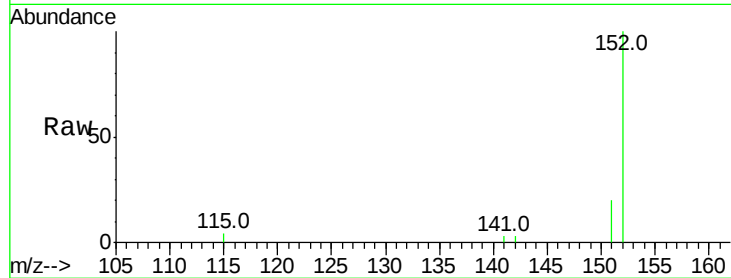
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 2-Methylnaphthalene-d10  
 Concen: 0.287 ng  
 RT: 12.27 min Scan# 820  
 Delta R.T. 0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-001

Tot Ion:152 Resp: 3562  
 Ion Ratio Lower Upper  
 152 100  
 151 19.2 15.4 23.0

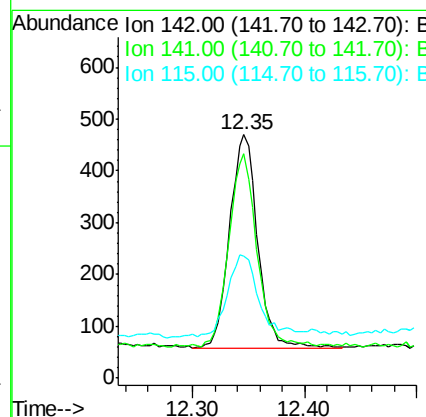
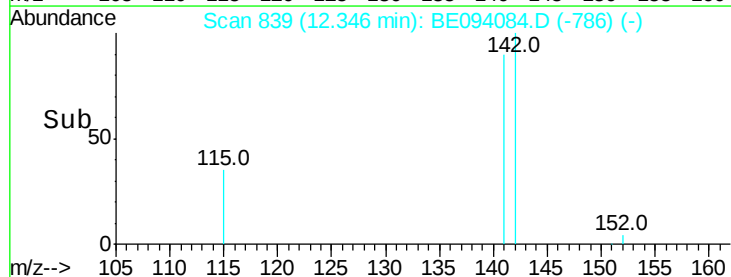
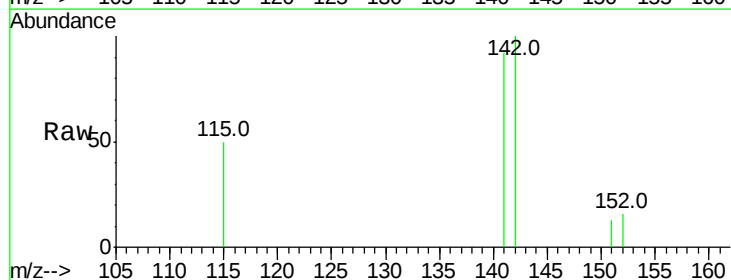
Manual Integrations  
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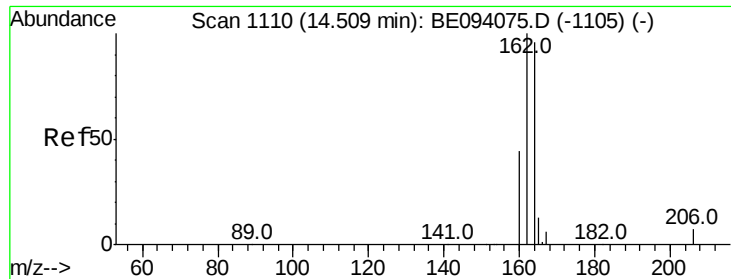
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#12  
 2-Methylnaphthalene  
 Concen: 0.049 ng  
 RT: 12.35 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

Tgt Ion:142 Resp: 726  
 Ion Ratio Lower Upper  
 142 100  
 141 92.3 70.4 105.6  
 115 50.2 31.7 47.5#





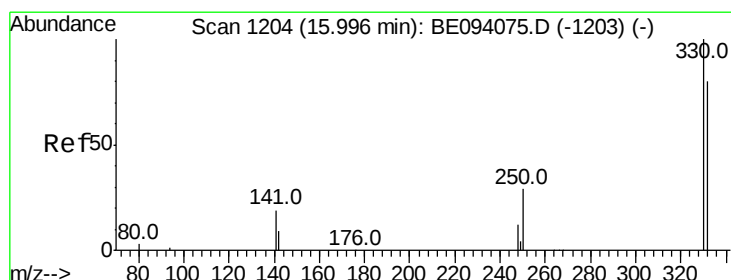
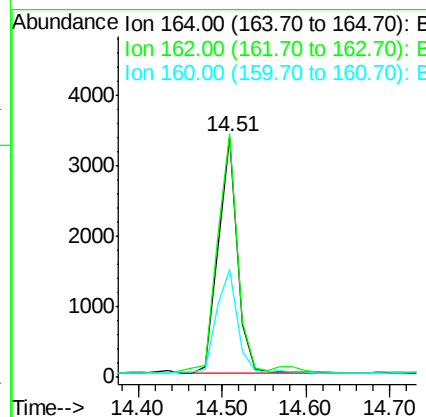
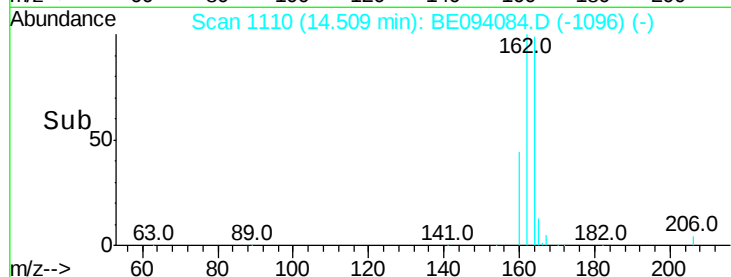
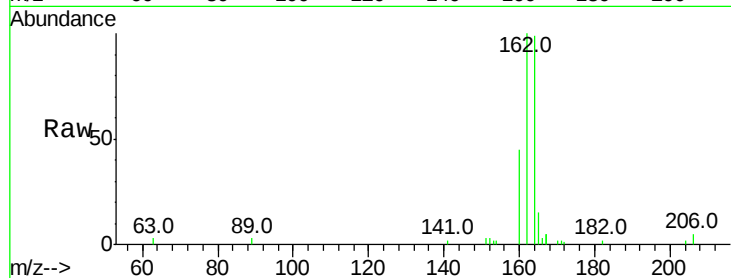
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.51 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 83.1  | 124.7 |
| 160     | 45.2  | 37.1  | 55.7  |

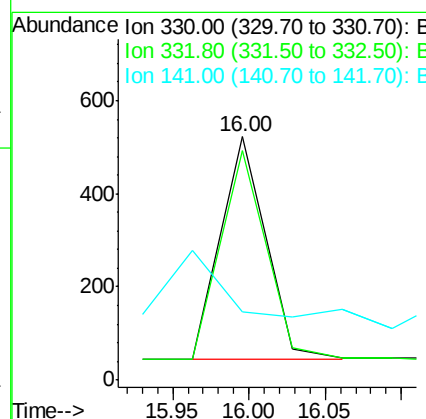
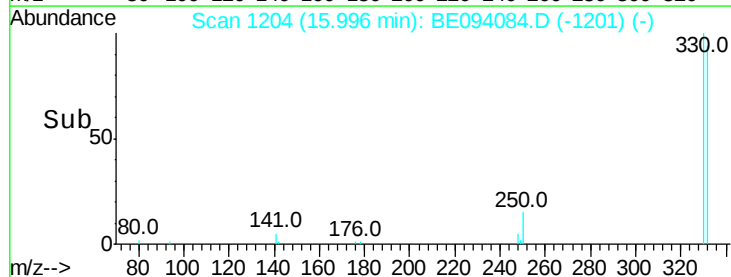
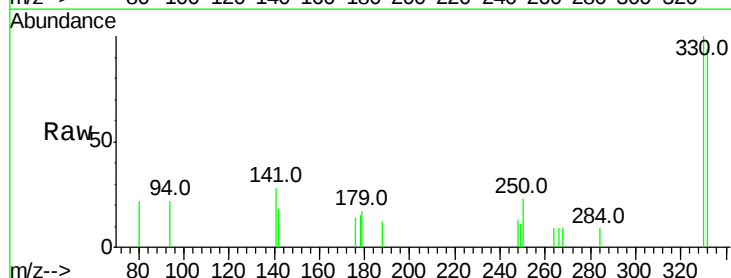
Manual Integrations  
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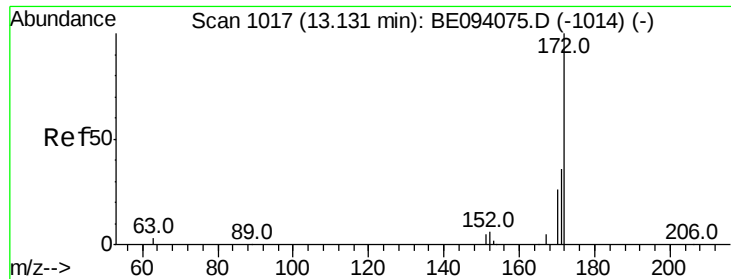
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#14  
 2,4,6-Tribromophenol  
 Concen: 0.241 ng  
 RT: 16.00 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 95.0  | 152.7 | 229.1# |
| 141     | 0.0   | 33.7  | 50.5#  |





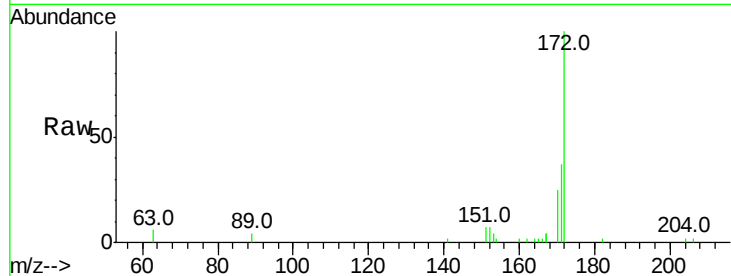
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2-Fluorobiphenyl  
Concen: 0.277 ng  
RT: 13.13 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.1  | 29.9  | 44.9  |
| 170     | 25.3  | 21.8  | 32.8  |

Manual Integrations  
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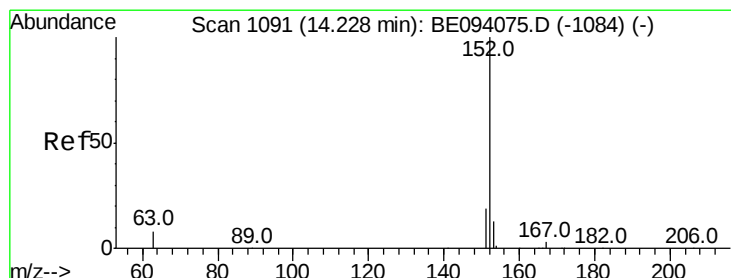
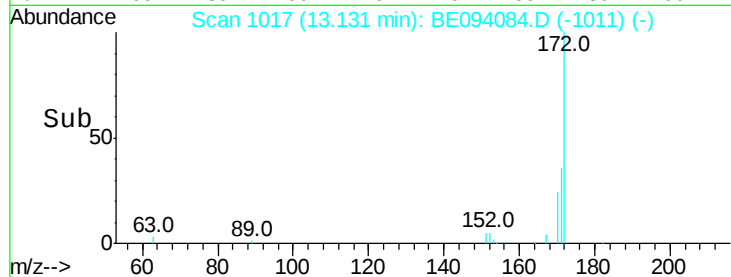
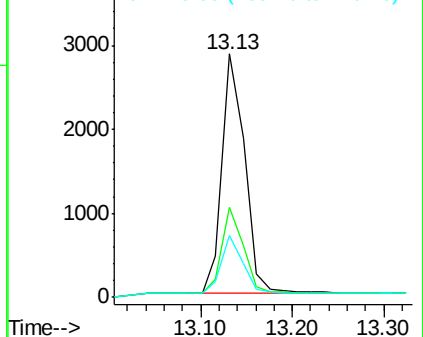


Abundance

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: 0.384 ng  
RT: 14.23 min Scan# 1091  
Delta R.T. 0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

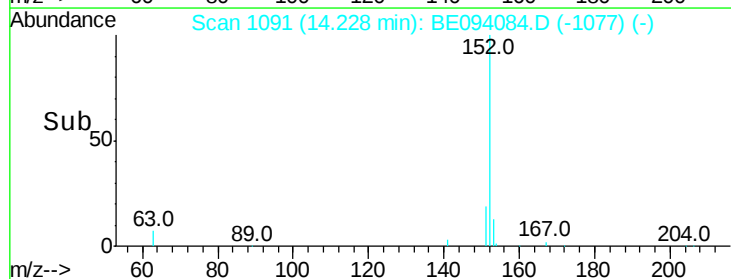
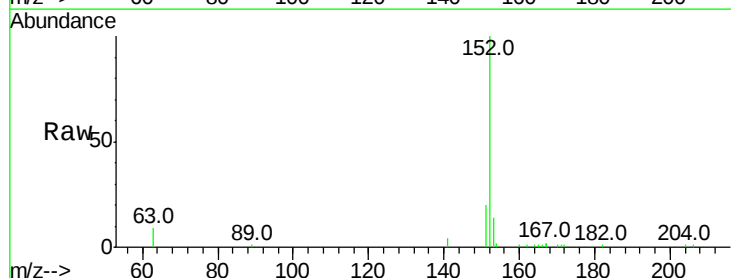
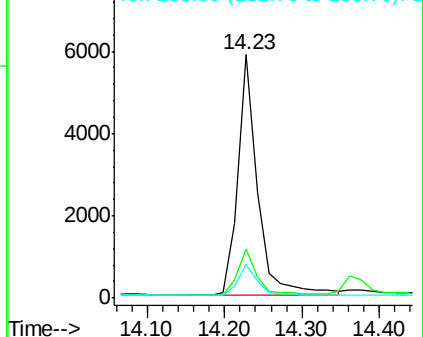
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 15.7  | 23.5  |
| 153     | 13.5  | 10.5  | 15.7  |

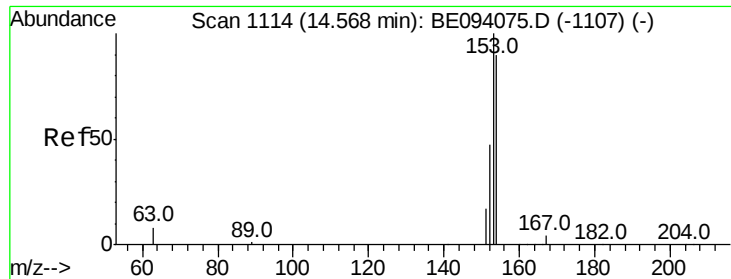
Abundance

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





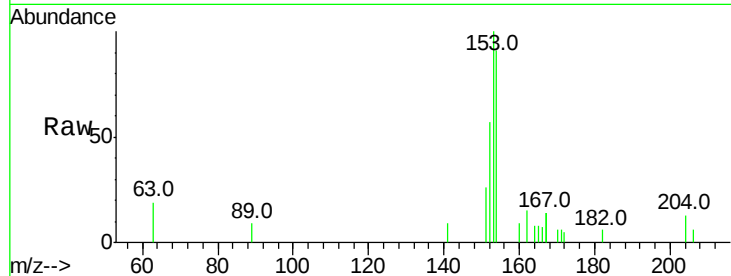
#17  
Acenaphthene  
Concen: 0.074 ng  
RT: 14.57 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-001

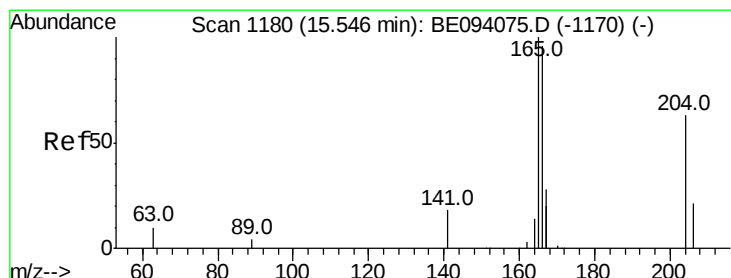
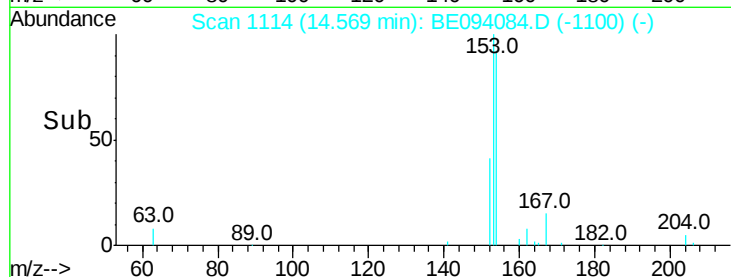
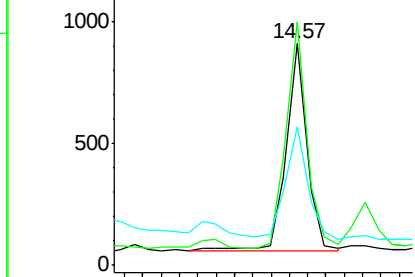
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 109.7 | 89.2  | 133.8 |
| 152     | 54.2  | 42.0  | 63.0  |

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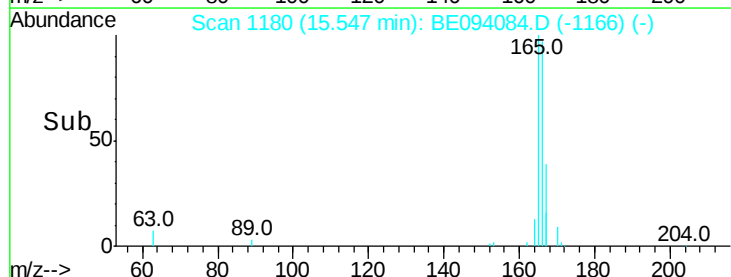
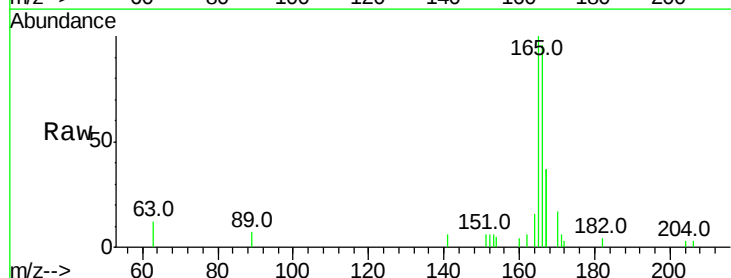
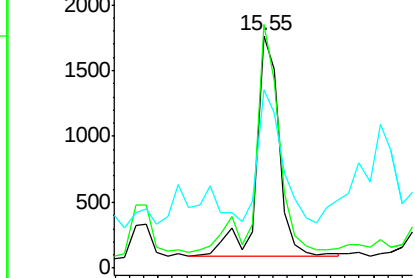
Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

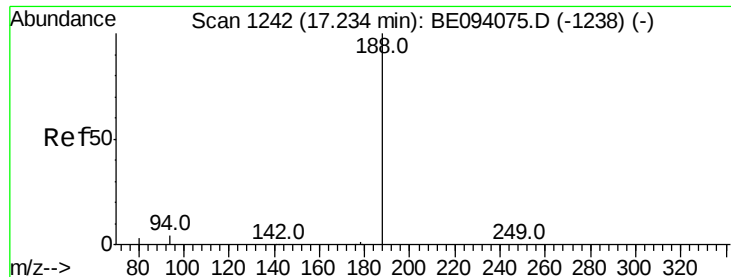


#18  
Fluorene  
Concen: 0.139 ng  
RT: 15.55 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 106.6 | 77.8  | 116.6 |
| 167     | 62.9  | 42.4  | 63.6  |

Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





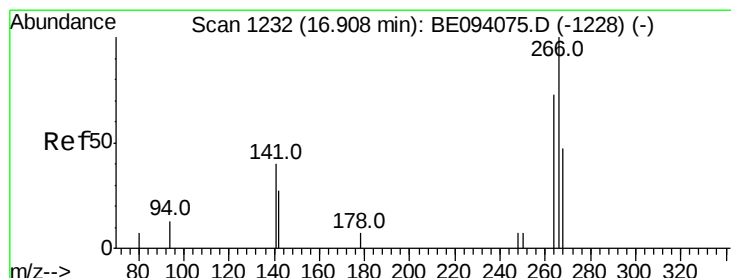
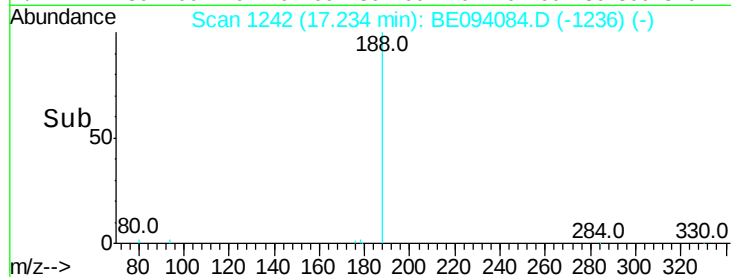
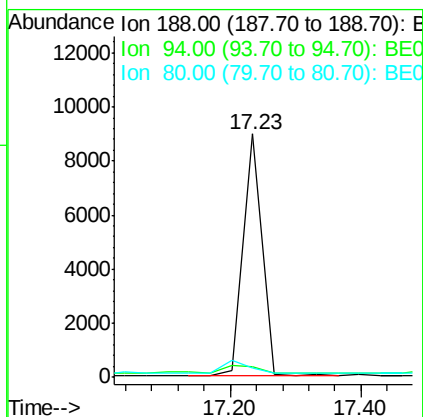
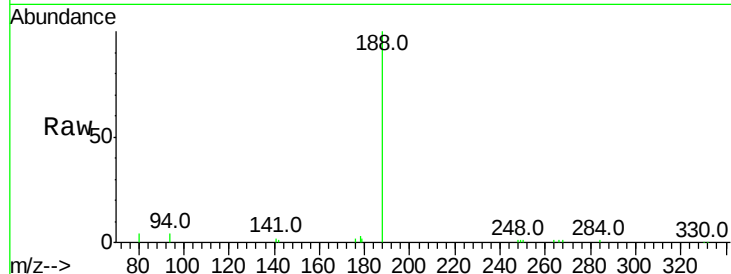
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.23 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-001

|             |       |       |
|-------------|-------|-------|
| Tot Ion:188 | Resp: | 18057 |
| Ion Ratio   | Lower | Upper |
| 188 100     |       |       |
| 94 4.4      | 3.9   | 5.9   |
| 80 3.9      | 3.6   | 5.4   |

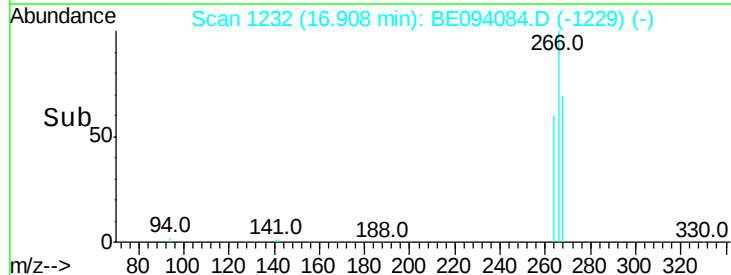
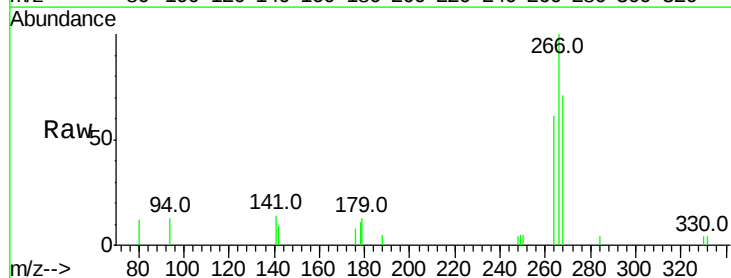
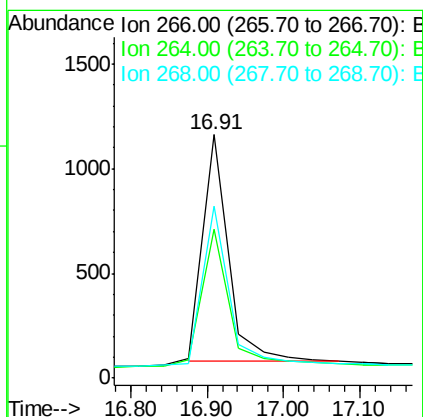
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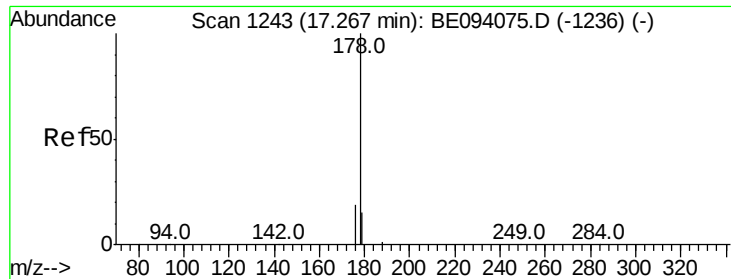
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#22  
Pentachlorophenol  
Concen: 4.951 ng  
RT: 16.91 min Scan# 1232  
Delta R.T. 0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:266 | Resp: | 2498   |
| Ion Ratio   | Lower | Upper  |
| 266 100     |       |        |
| 264 61.2    | 72.5  | 108.7# |
| 268 70.8    | 73.8  | 110.6# |





#23

Phenanthrene

Concen: 2.133 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

Instrument :

BNA\_E

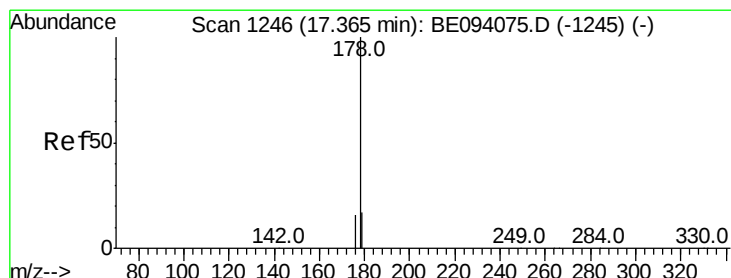
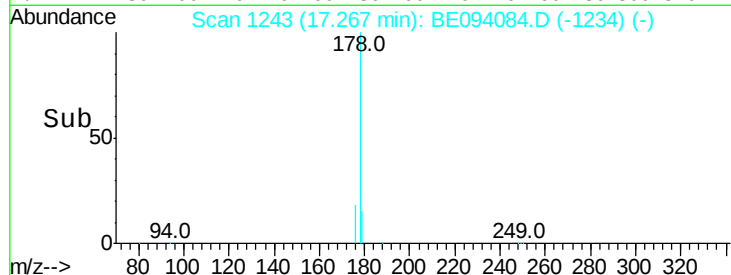
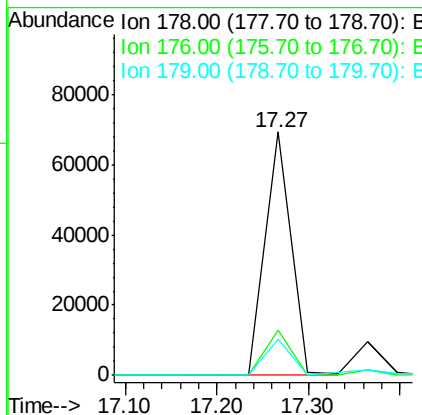
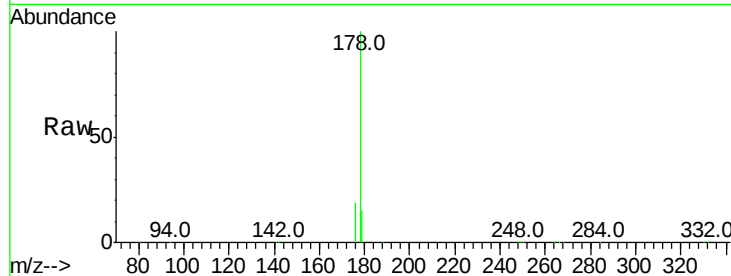
ClientSampleId :

LT-TS-001

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 137940    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.5  | 15.1 22.7 |
| 179         | 15.8  | 11.8 17.6 |

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#24

Anthracene

Concen: 0.394 ng m

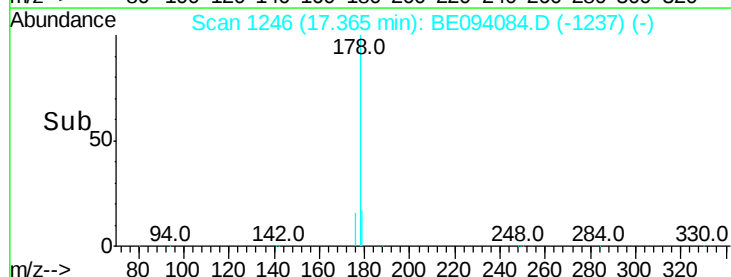
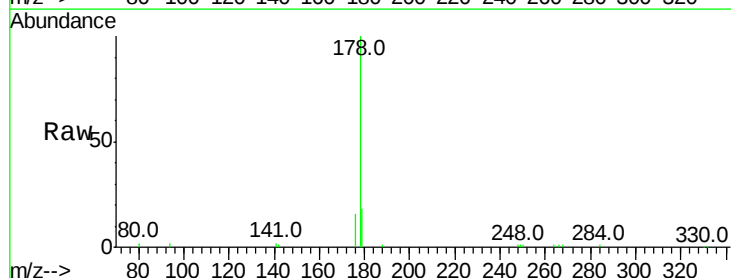
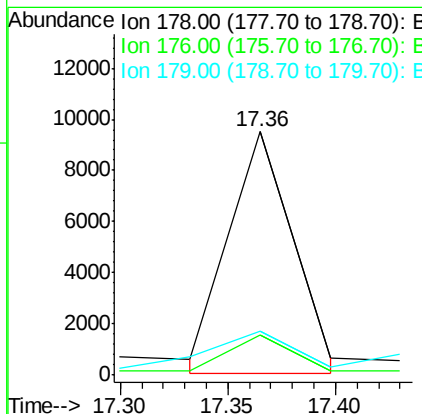
RT: 17.36 min Scan# 1246

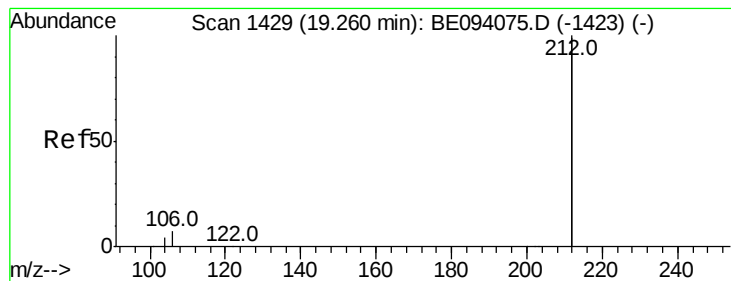
Delta R.T. -0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:178 | Resp: | 19625      |
| Ion Ratio   | Lower | Upper      |
| 178         | 100   |            |
| 176         | 129.9 | 12.8 19.2# |
| 179         | 110.8 | 13.0 19.6# |





#25

Fluoranthene-d10

Concen: 0.237 ng

RT: 19.26 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

Instrument :

BNA\_E

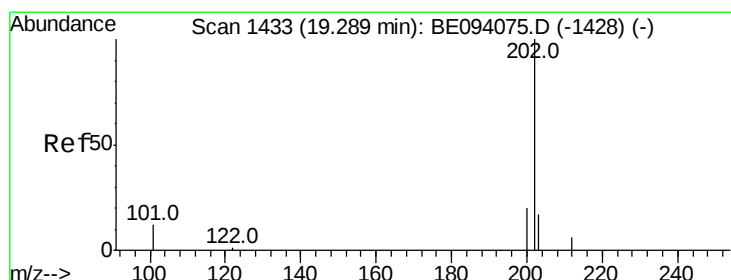
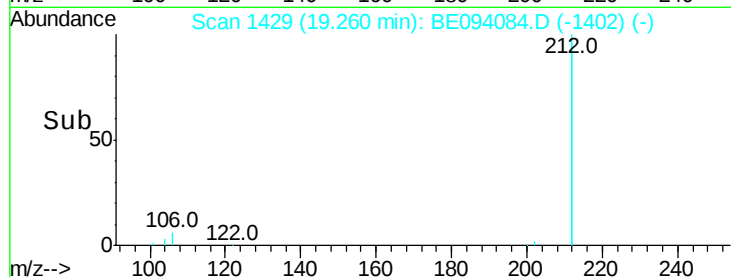
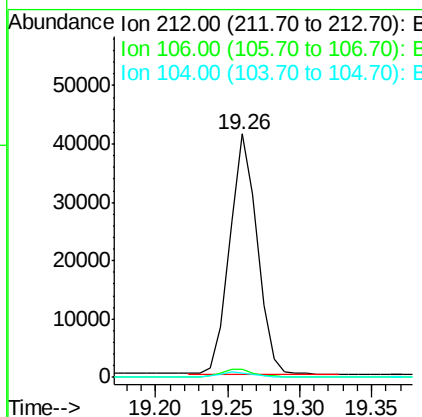
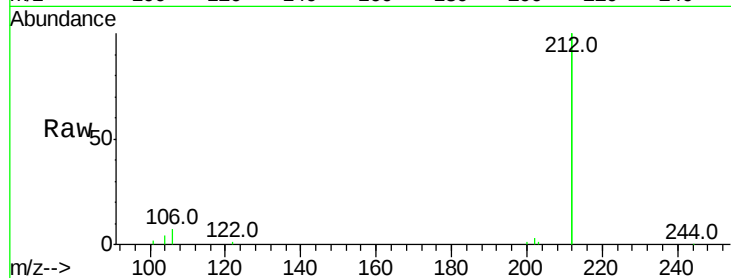
ClientSampled :

LT-TS-001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 212   | Resp: | 54821 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 3.5   | 2.8   | 4.2   |
| 104       | 2.1   | 1.6   | 2.4   |

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#26

Fluoranthene

Concen: 2.706 ng

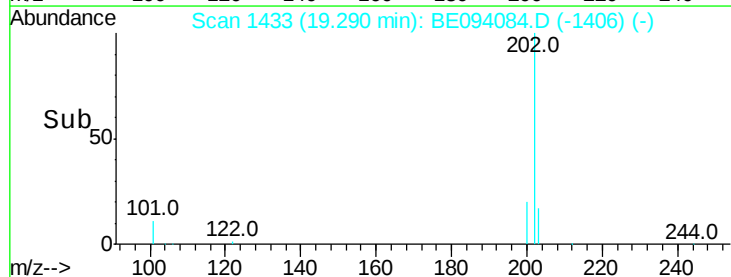
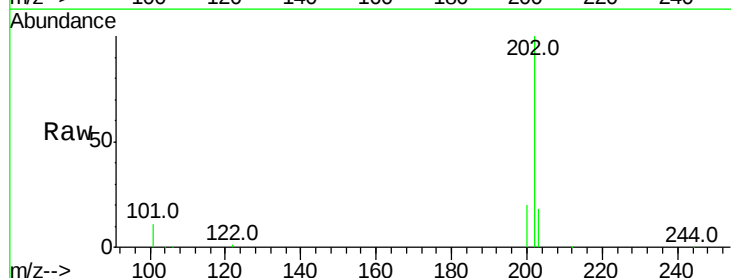
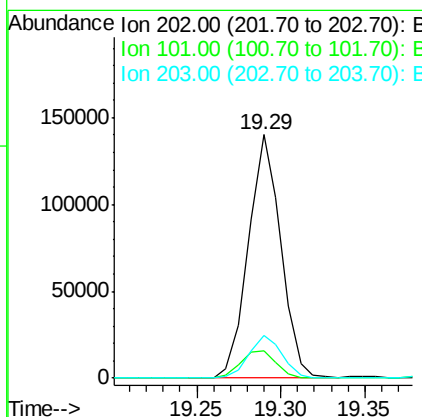
RT: 19.29 min Scan# 1433

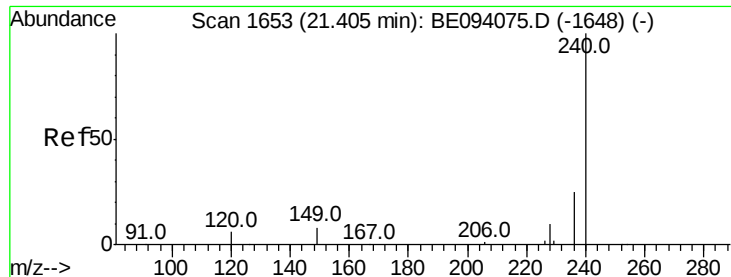
Delta R.T. 0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 187782 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.1  | 9.8   | 14.8   |
| 203       | 17.6  | 13.7  | 20.5   |





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

Instrument :

BNA\_E

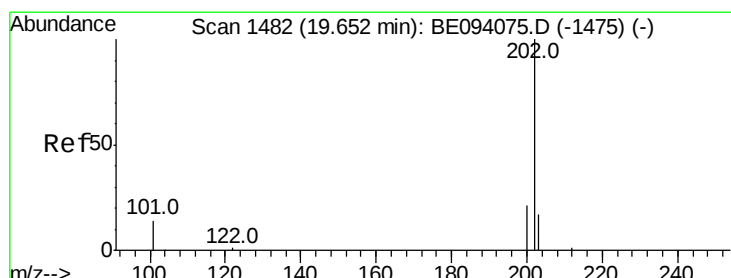
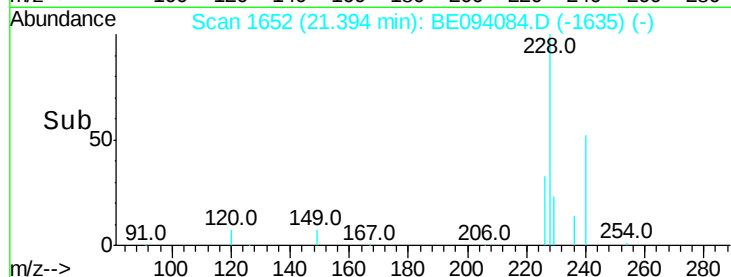
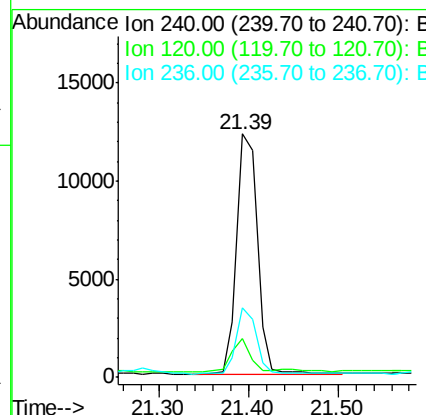
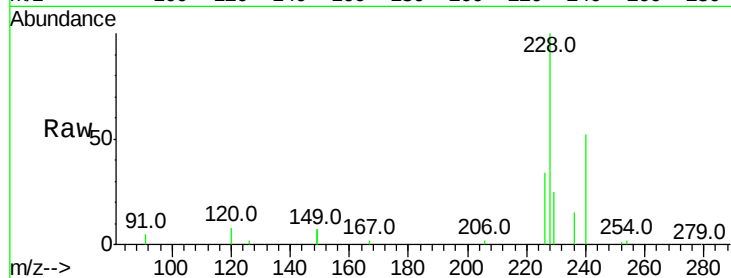
ClientSampled :

LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 16.1  | 5.5   | 8.3#  |
| 236     | 28.6  | 20.7  | 31.1  |

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#28

Pyrene

Concen: 3.095 ng

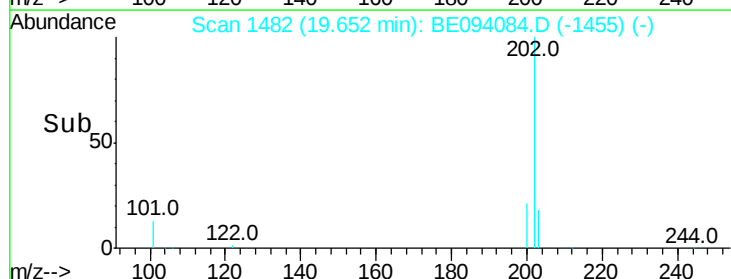
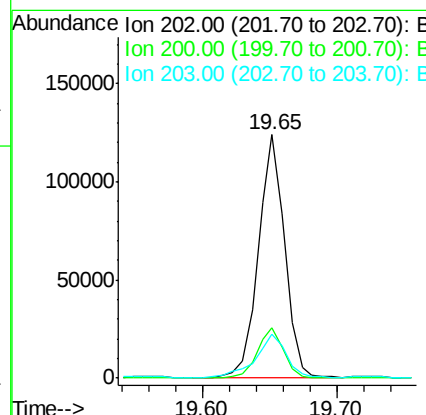
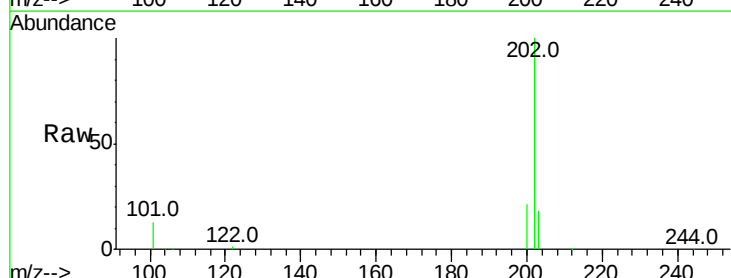
RT: 19.65 min Scan# 1482

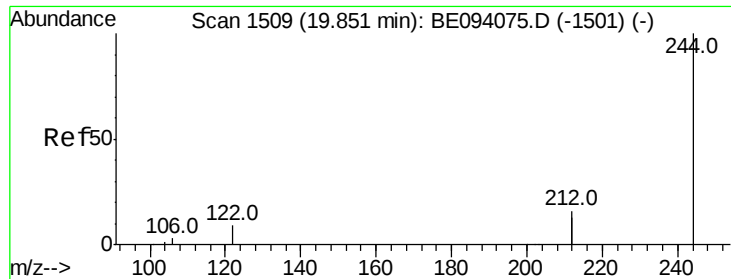
Delta R.T. 0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.9  | 16.6  | 25.0  |
| 203     | 20.6  | 13.8  | 20.8  |





#29

Terphenyl-d14

Concen: 0.269 ng

RT: 19.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

Instrument :

BNA\_E

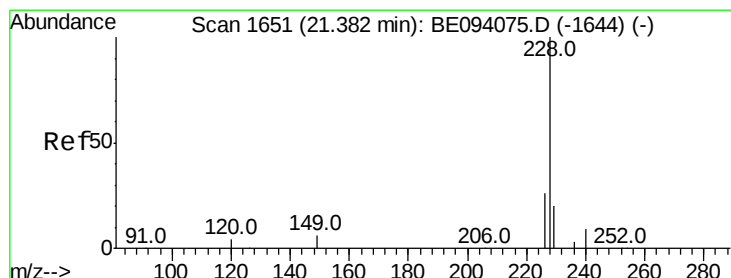
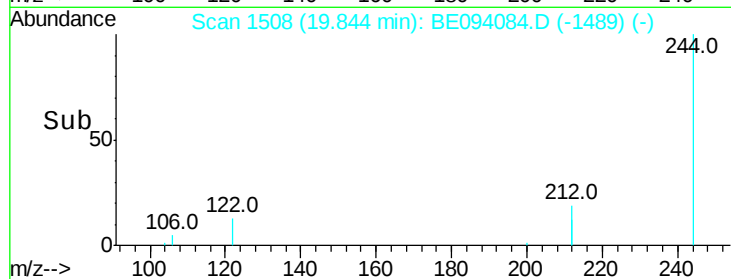
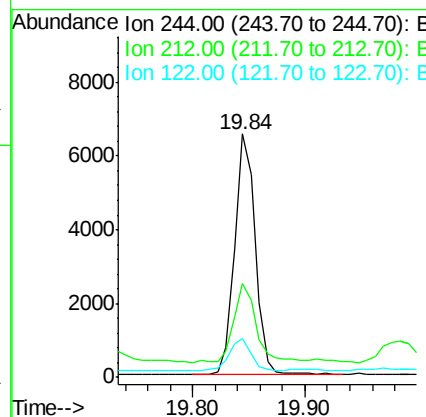
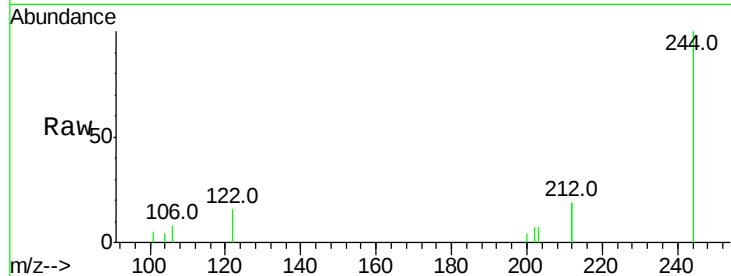
ClientSampleId :

LT-TS-001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 244   | Resp: | 8265  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 38.5  | 25.4  | 38.0# |
| 122       | 15.8  | 8.1   | 12.1# |

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#30

Benzo(a)anthracene

Concen: 1.543 ng

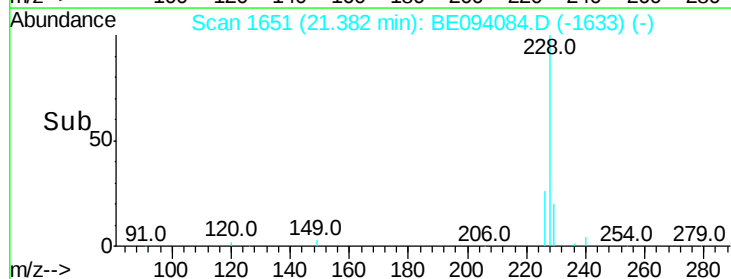
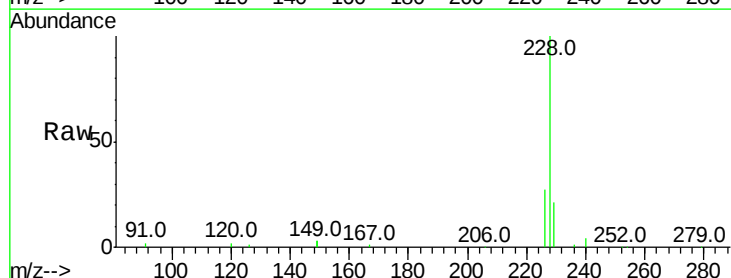
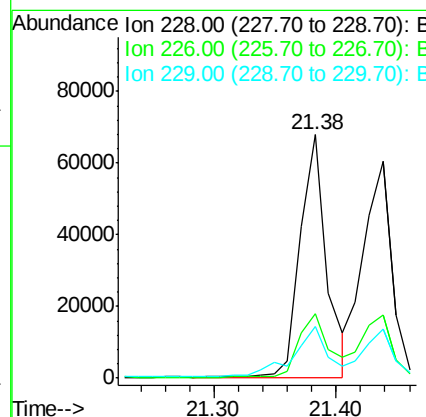
RT: 21.38 min Scan# 1651

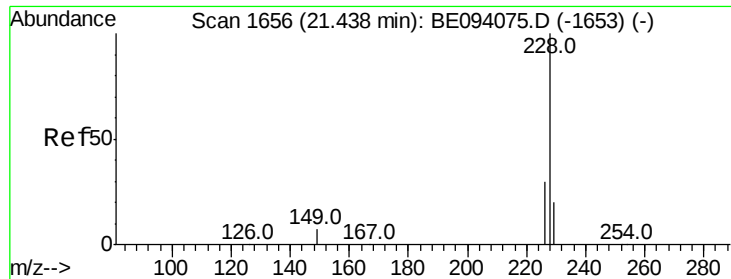
Delta R.T. -0.00 min

Lab File: BE094084.D

Acq: 23 Sep 2017 18:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 101419 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.7  | 21.4  | 32.0   |
| 229       | 21.2  | 16.4  | 24.6   |





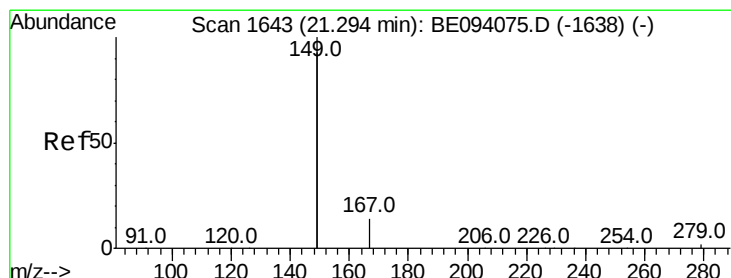
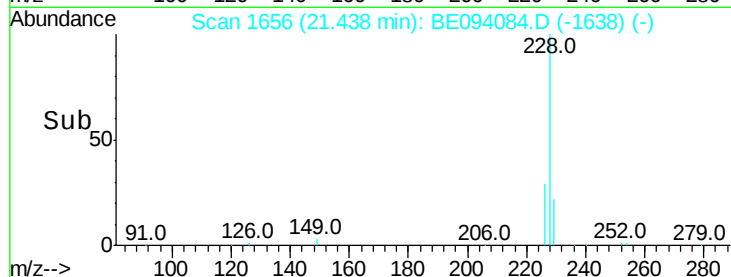
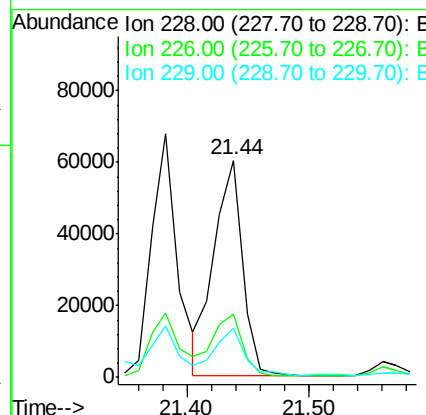
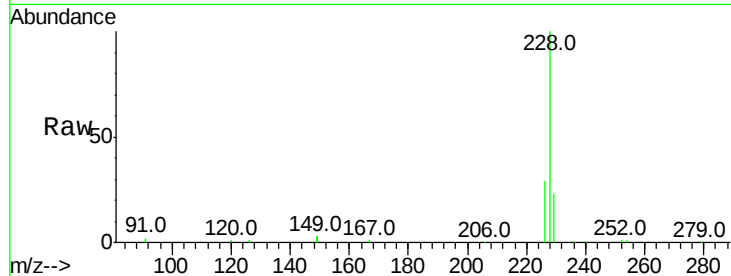
#31  
 Chrysene  
 Concen: 1.511 ng  
 RT: 21.44 min Scan# 1656  
 Delta R.T. -0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 23.6  | 35.4  |
| 229     | 22.8  | 16.4  | 24.6  |

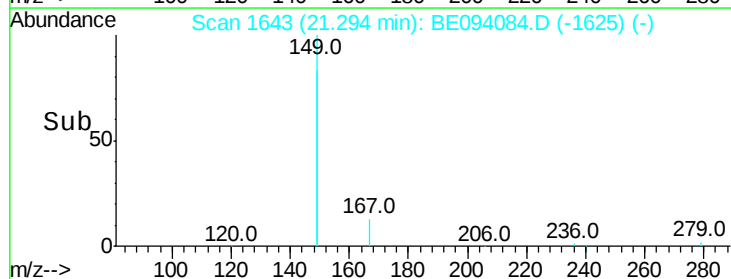
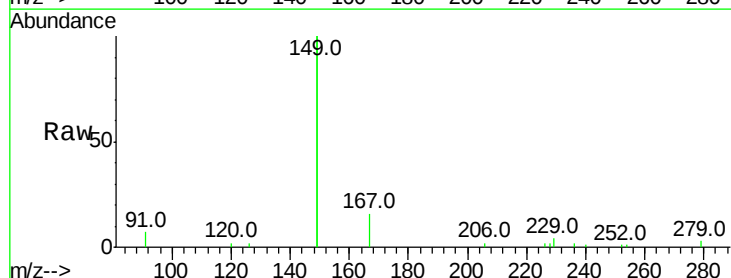
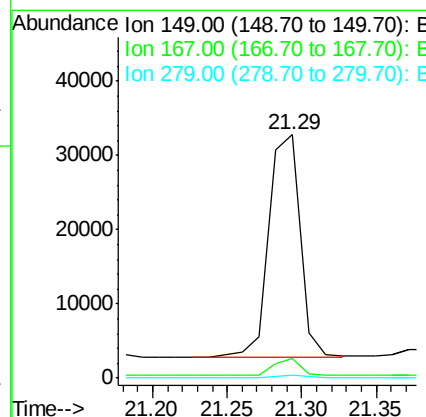
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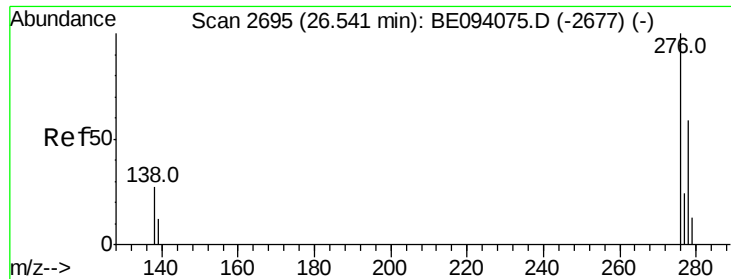
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#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.247 ng  
 RT: 21.29 min Scan# 1643  
 Delta R.T. -0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 6.7   | 5.4   | 8.0   |
| 279     | 0.9   | 0.7   | 1.1   |





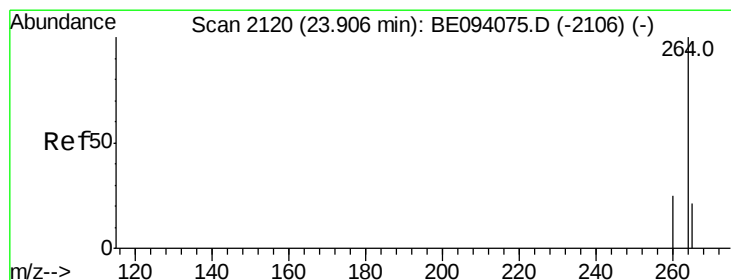
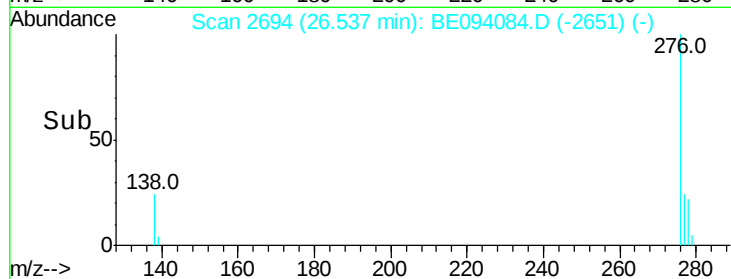
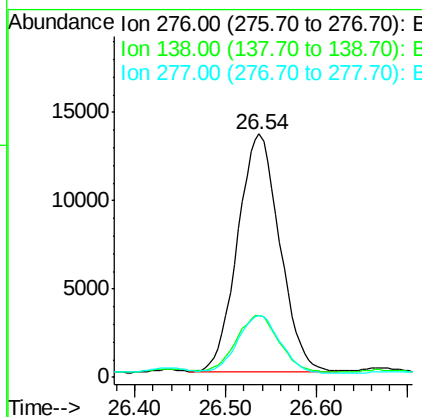
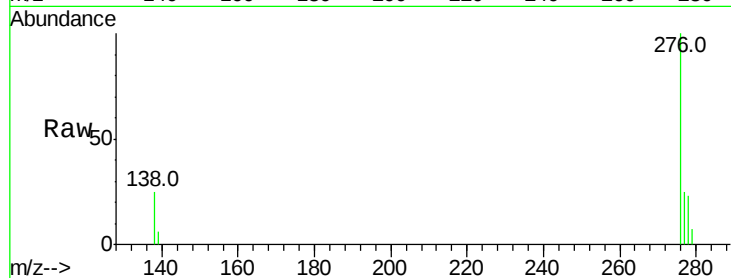
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.869 ng  
 RT: 26.54 min Scan# 2694  
 Delta R.T. -0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-001

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

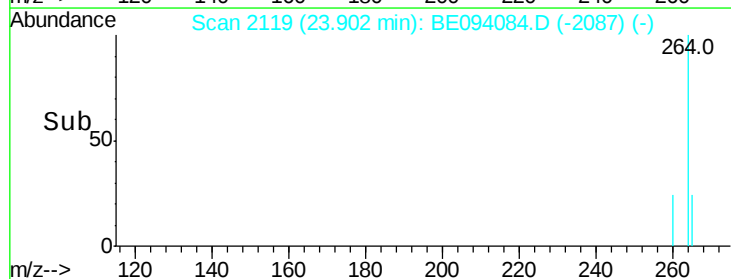
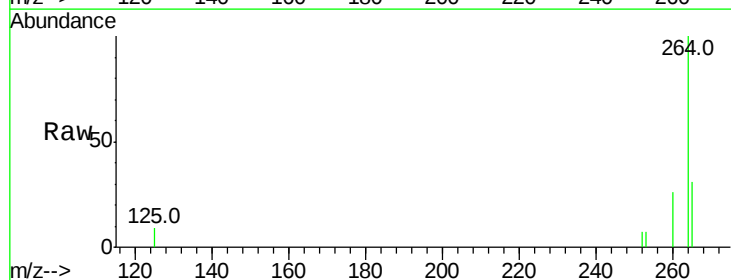
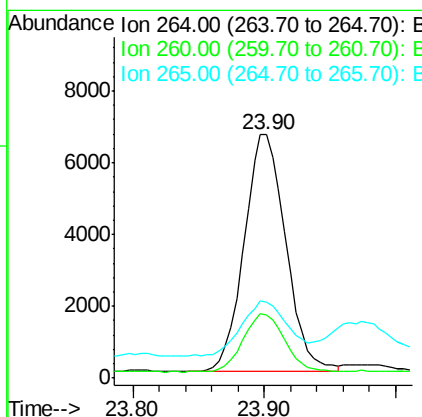
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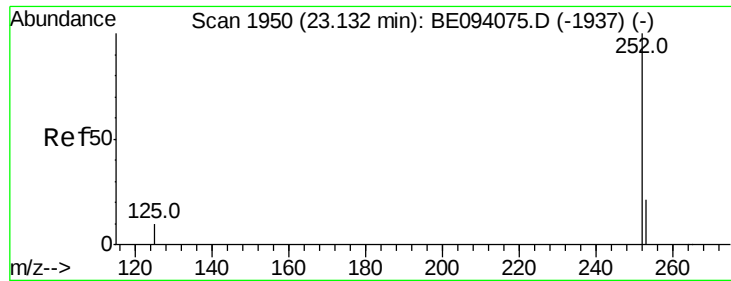
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#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.90 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.8  | 20.5  | 30.7  |
| 265     | 31.2  | 22.8  | 34.2  |





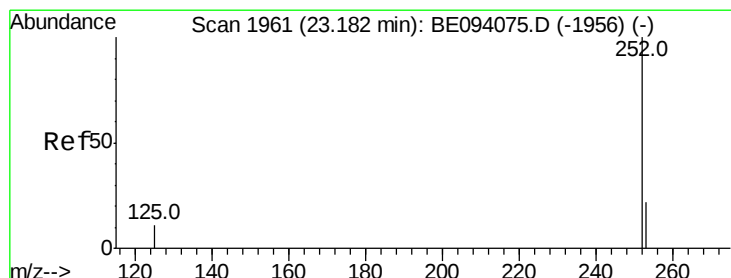
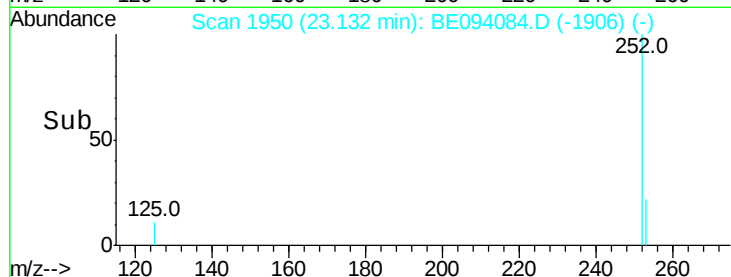
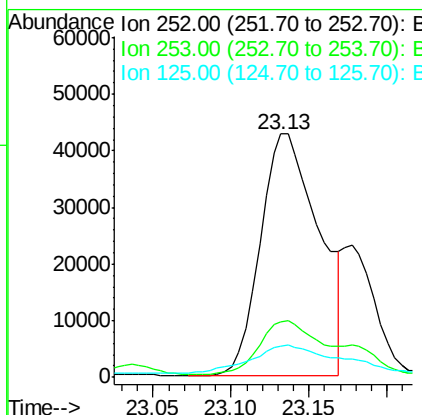
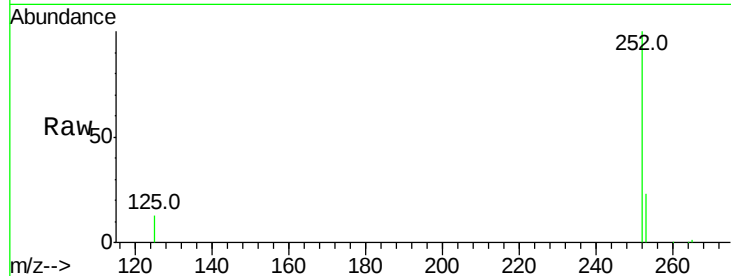
#35  
Benzo(b)fluoranthene  
Concen: 2.107 ng  
RT: 23.13 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.2  |
| 125     | 13.0  | 10.1  | 15.1  |

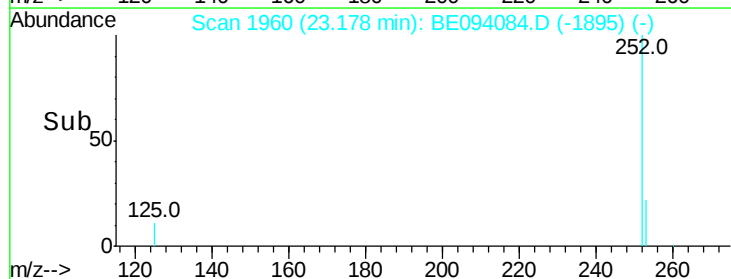
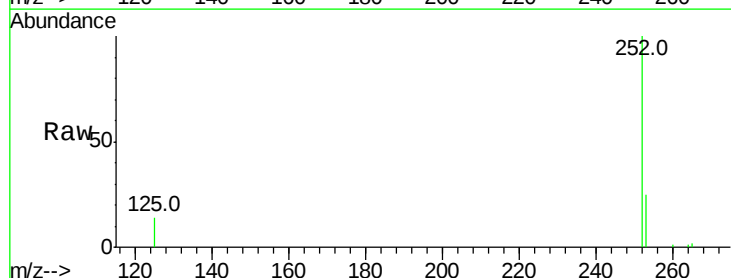
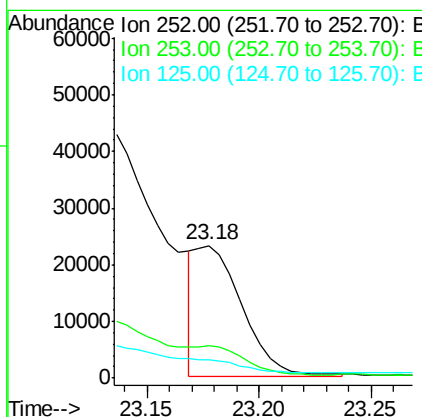
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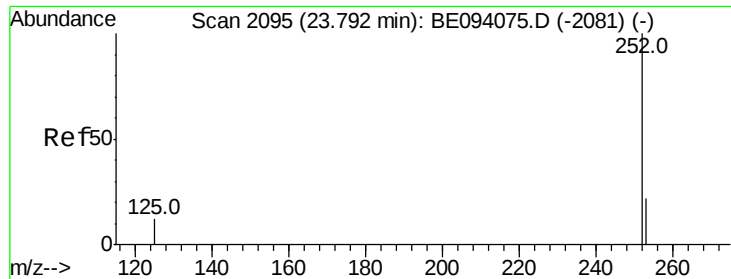
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#36  
Benzo(k)fluoranthene  
Concen: 0.631 ng m  
RT: 23.18 min Scan# 1960  
Delta R.T. -0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.7  | 18.6  | 27.8  |
| 125     | 13.9  | 10.7  | 16.1  |





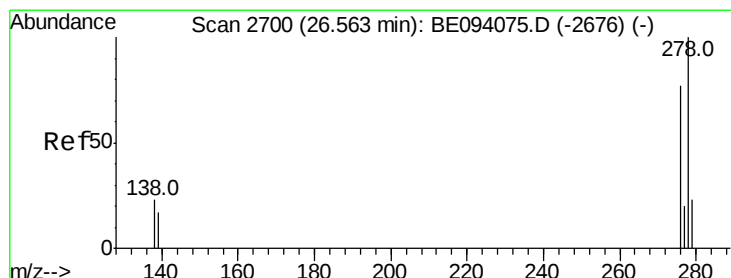
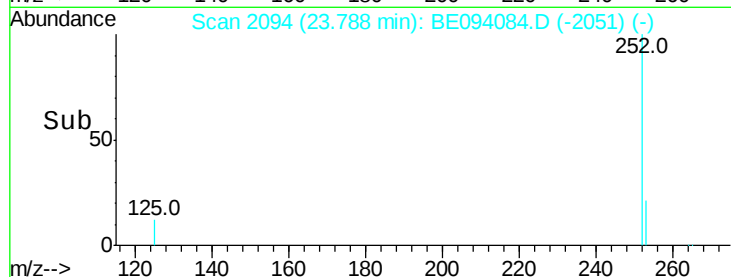
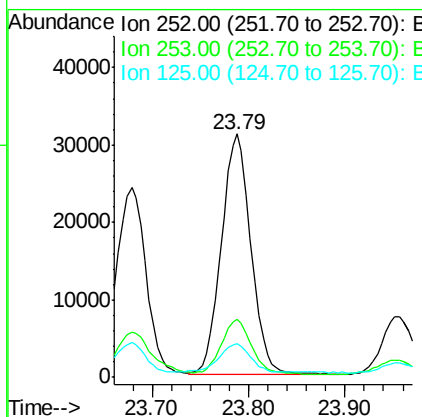
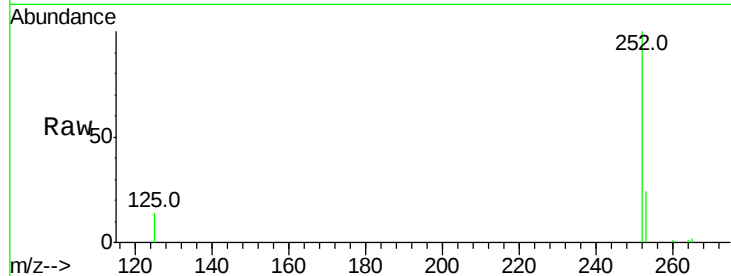
#37  
Benzo(a)pyrene  
Concen: 1.382 ng  
RT: 23.79 min Scan# 2094  
Delta R.T. -0.00 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

Instrument :  
BNA\_E  
ClientSampleId :  
LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 19.0  | 28.6  |
| 125     | 13.9  | 11.8  | 17.8  |

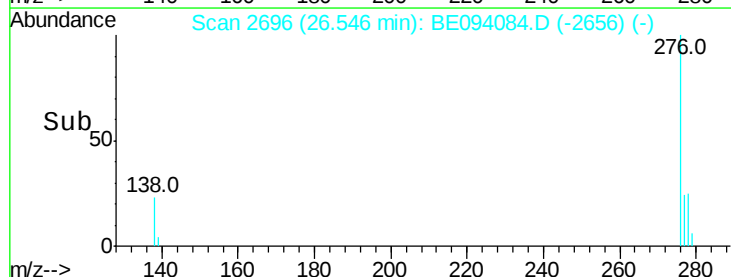
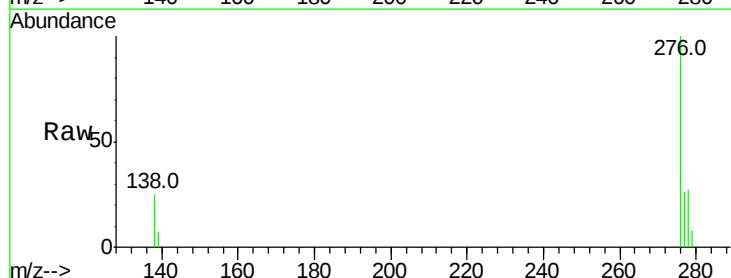
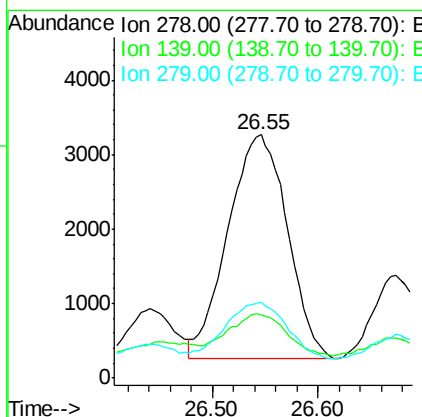
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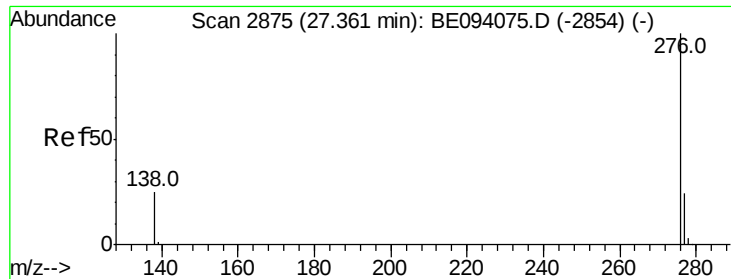
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#38  
Dibenzo(a,h)anthracene  
Concen: 0.309 ng  
RT: 26.55 min Scan# 2696  
Delta R.T. -0.02 min  
Lab File: BE094084.D  
Acq: 23 Sep 2017 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 26.0  | 16.3  | 24.5# |
| 279     | 31.4  | 19.9  | 29.9# |





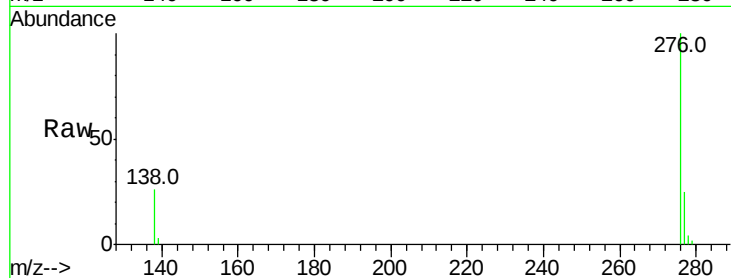
#39  
 Benzo(a,h,i)perylene  
 Concen: 1.120 ng  
 RT: 27.36 min Scan# 2874  
 Delta R.T. -0.00 min  
 Lab File: BE094084.D  
 Acq: 23 Sep 2017 18:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.3  | 20.8  | 31.2  |
| 138     | 26.4  | 21.5  | 32.3  |

Manual Integrations  
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

