

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033017\  
 Data File : BE092870.D  
 Acq On : 30 Mar 2017 9:53  
 Operator : SJ/MA  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

mohammad  
 3/31/2017 2:12:24 PM

Quant Time: Mar 31 01:42:03 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 29 17:47:56 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 7429     | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.55 | 136  | 32419    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.40 | 164  | 15884    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.13 | 188  | 36110    | 5.00 | ng    | -0.02    |
| 24) Chrysene-d12          | 21.28 | 240  | 42261    | 5.00 | ng    | -0.02    |
| 31) Perylene-d12          | 23.70 | 264  | 37758    | 5.00 | ng    | -0.01    |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 4) 2-Fluorophenol           | 5.35  | 112 | 628  | 0.36 | ng | 0.00  |
| 5) Phenol-d6                | 6.94  | 99  | 867  | 0.34 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.92  | 82  | 713  | 0.38 | ng | 0.00  |
| 13) 2,4,6-Tribromophenol    | 15.88 | 330 | 83   | 0.33 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 13.02 | 172 | 2121 | 0.41 | ng | -0.01 |
| 26) Terphenyl-d14           | 19.74 | 244 | 2525 | 0.35 | ng | -0.02 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 393   | 0.40   | ng | 95   |
| 3) n-Nitrosodimethylamine      | 3.60  | 42  | 408   | 0.40   | ng | 89   |
| 6) bis(2-Chloroethyl)ether     | 7.20  | 93  | 972   | 0.40   | ng | # 49 |
| 9) Naphthalene                 | 10.58 | 128 | 2880  | 0.41   | ng | 99   |
| 10) Hexachlorobutadiene        | 10.89 | 225 | 379   | 0.40   | ng | 99   |
| 11) 2-Methylnaphthalene        | 12.21 | 142 | 1741  | 0.39   | ng | # 89 |
| 15) Acenaphthylene             | 14.09 | 152 | 8333  | 0.34   | ng | 100  |
| 16) Acenaphthene               | 14.45 | 154 | 1671  | 0.38   | ng | 86   |
| 17) Fluorene                   | 15.44 | 166 | 1963  | 0.38   | ng | 99   |
| 19) Hexachlorobenzene          | 16.47 | 284 | 564   | 0.42   | ng | # 63 |
| 20) Pentachlorophenol          | 16.79 | 266 | 113   | 0.48   | ng | # 88 |
| 21) Phenanthrene               | 17.18 | 178 | 4068  | 0.46   | ng | # 95 |
| 22) Anthracene                 | 17.27 | 178 | 3091  | 0.39   | ng | 99   |
| 23) Fluoranthene               | 19.18 | 202 | 14121 | 0.35   | ng | 99   |
| 25) Pyrene                     | 19.54 | 202 | 14865 | 0.35   | ng | 99   |
| 27) Benzo(a)anthracene         | 21.26 | 228 | 3882m | 0.39   | ng |      |
| 28) Chrysene                   | 21.31 | 228 | 4155  | 0.39   | ng | # 78 |
| 29) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 789   | 0.32   | ng | # 76 |
| 30) Indeno(1,2,3-cd)pyrene     | 26.24 | 276 | 14038 | 0.35   | ng | # 92 |
| 32) Benzo(b)fluoranthene       | 22.96 | 252 | 3351  | 0.33   | ng | 97   |
| 33) Benzo(k)fluoranthene       | 23.01 | 252 | 3237  | 0.36   | ng | # 94 |
| 34) Benzo(a)pyrene             | 23.60 | 252 | 2661  | 0.32   | ng | 94   |
| 35) Dibenzo(a,h)anthracene     | 26.27 | 278 | 3102  | 0.35   | ng | # 96 |
| 36) Benzo(g,h,i)perylene       | 27.02 | 276 | 12851 | 0.35   | ng | 93   |

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

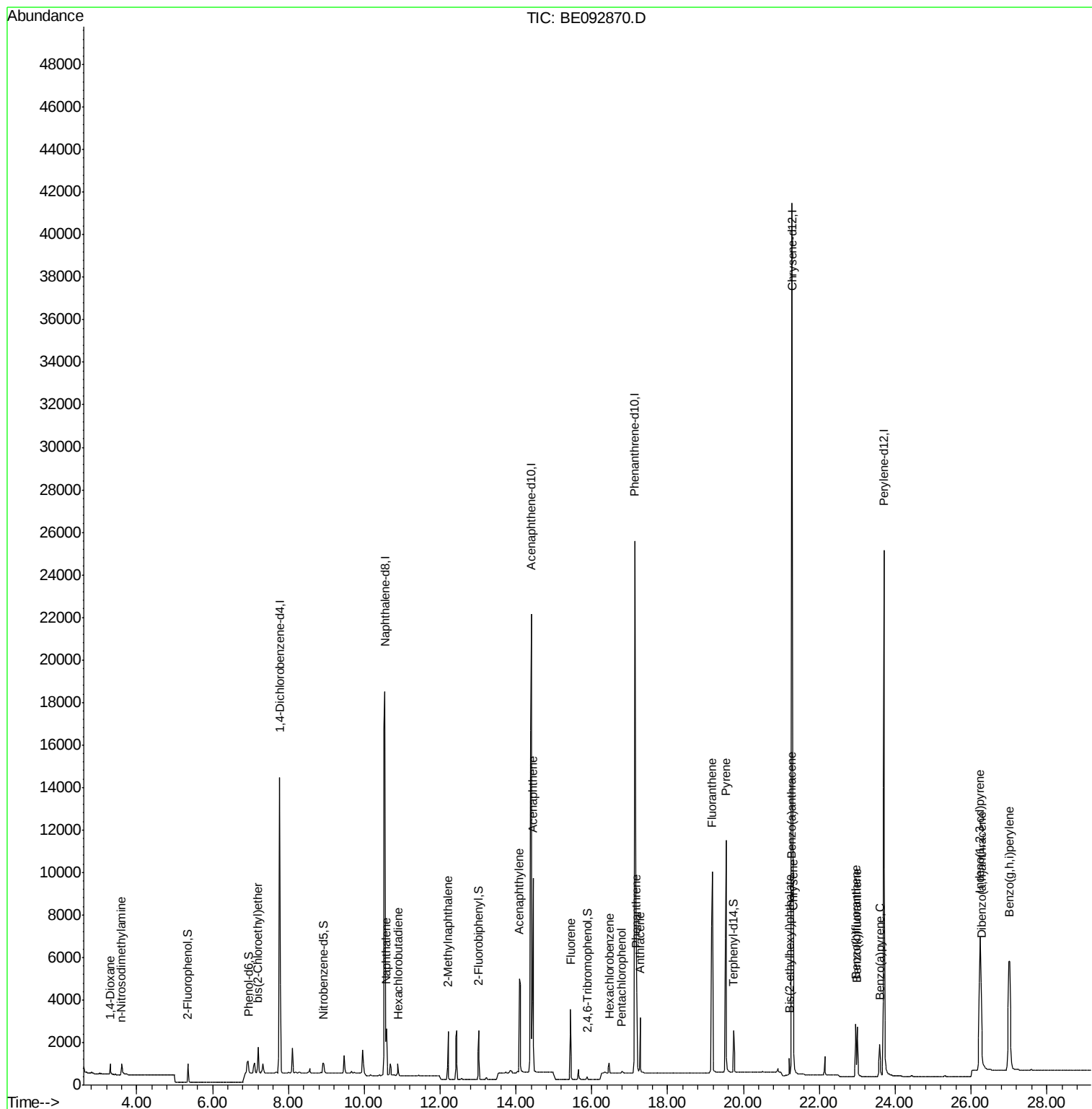
Data Path : Z:\HPCHEM1\BNA E\DATA\BE033017\  
Data File : BE092870.D  
Acq On : 30 Mar 2017 9:53  
Operator : SJ/MA  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

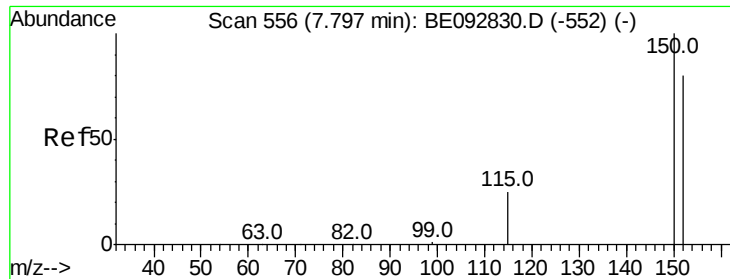
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Manual Integrations  
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Quant Time: Mar 31 01:42:03 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 29 17:47:56 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

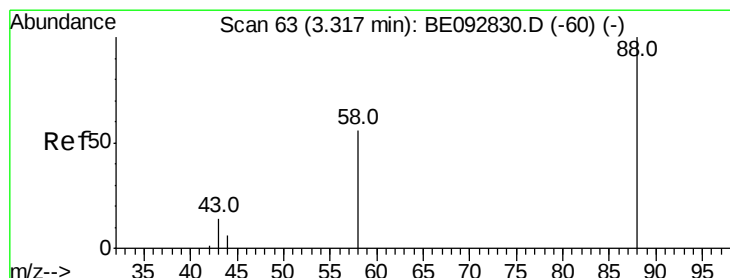
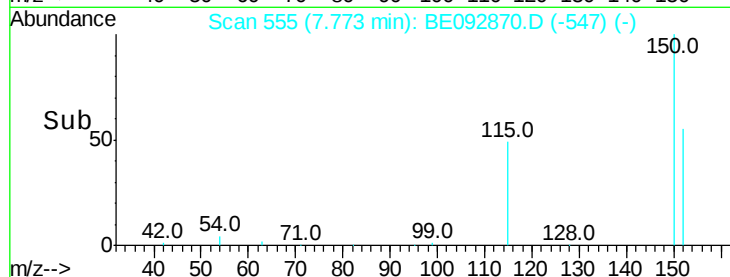
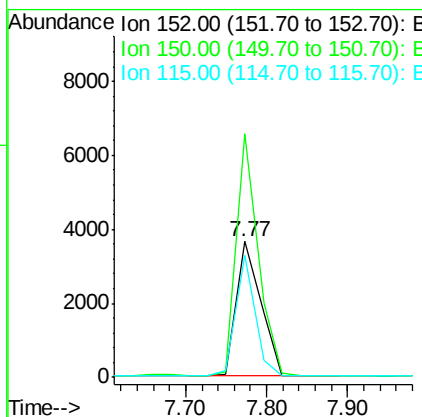
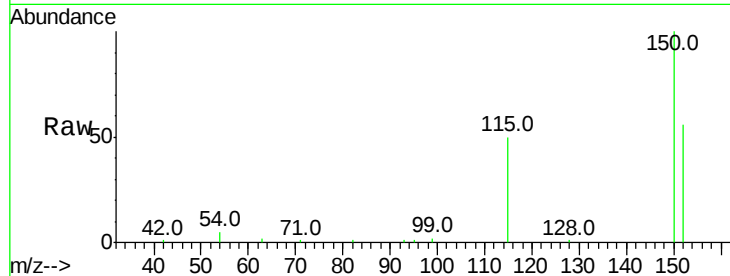
ClientSampleId :

SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 150     | 179.7 | 106.0 | 159.0# |
| 115     | 89.6  | 31.2  | 46.8#  |

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#2

1,4-Dioxane

Concen: 0.40 ng

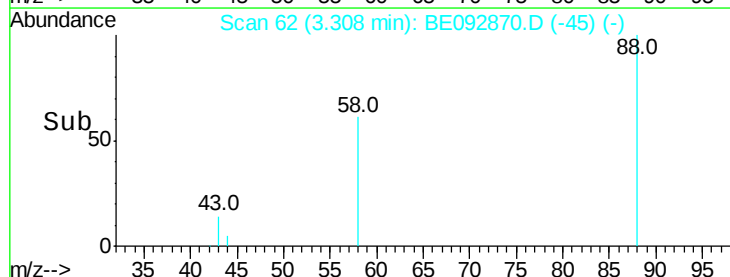
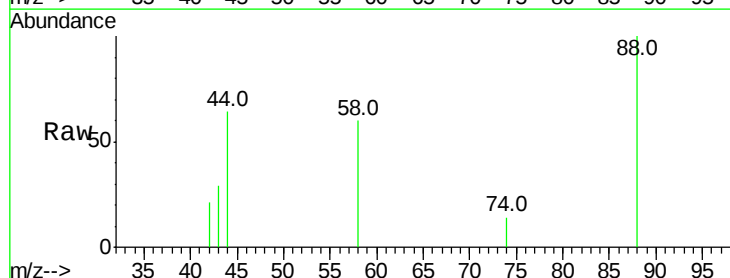
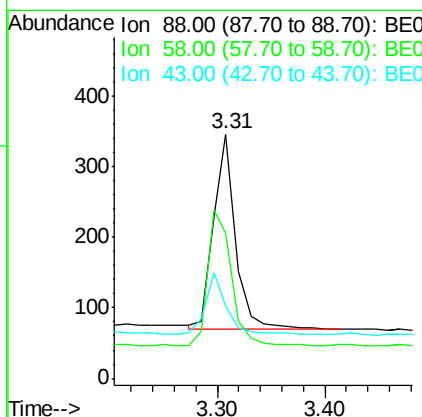
RT: 3.31 min Scan# 62

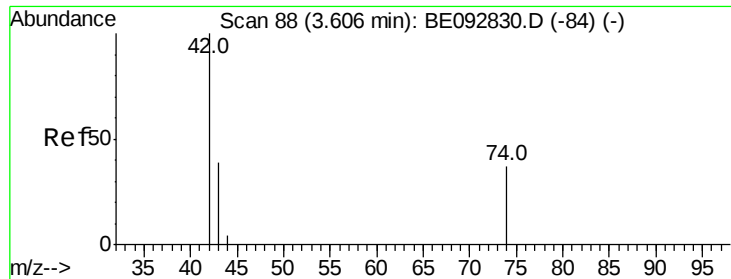
Delta R.T. -0.01 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.8  | 63.6  | 95.4  |
| 43      | 31.8  | 28.0  | 42.0  |





#3

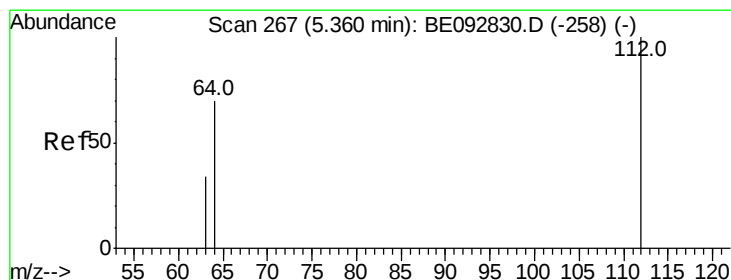
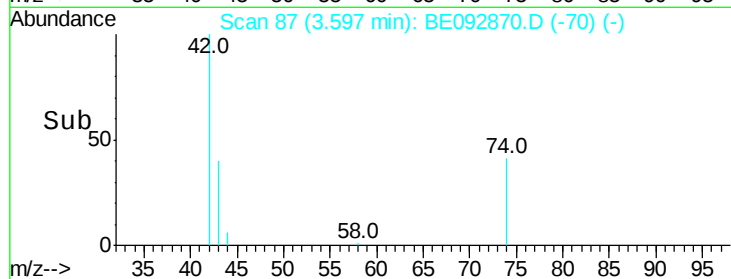
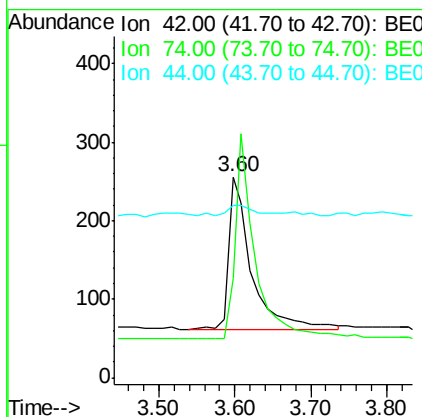
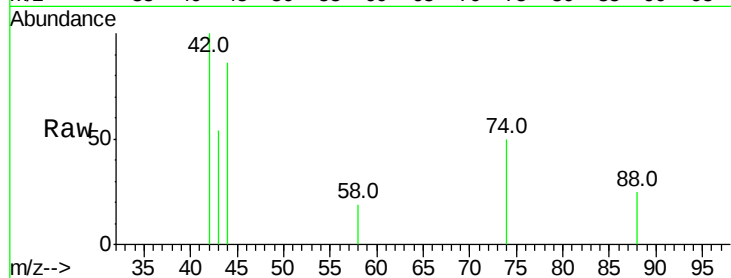
n-Nitrosodimethylamine  
Concen: 0.40 ng  
RT: 3.60 min Scan# 87  
Delta R.T. -0.01 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 119.1 | 86.0  | 129.0 |
| 44      | 7.4   | 5.1   | 7.7   |

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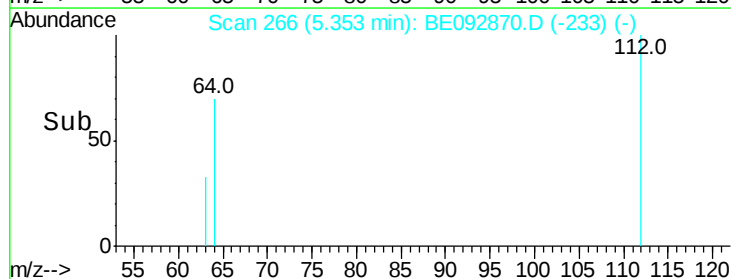
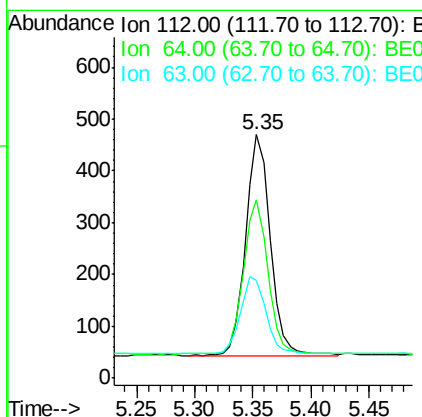
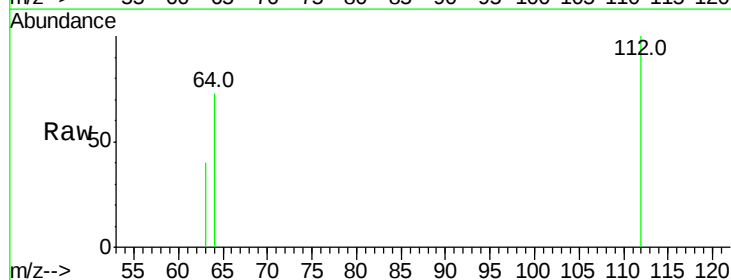
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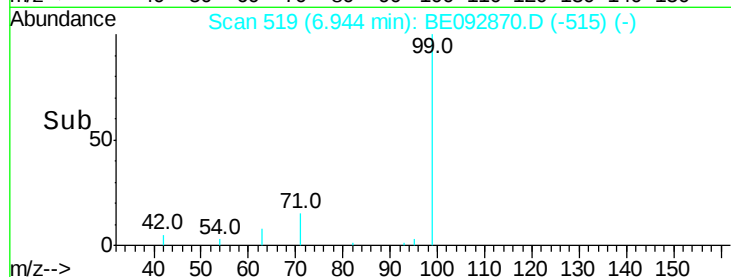
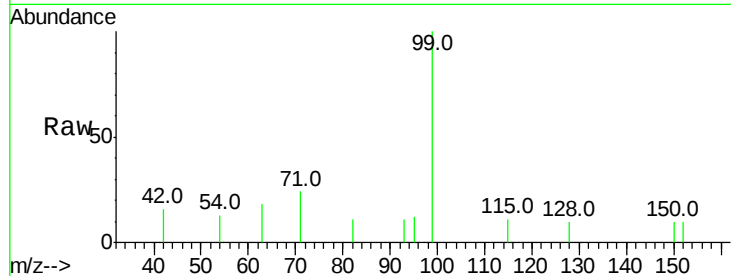
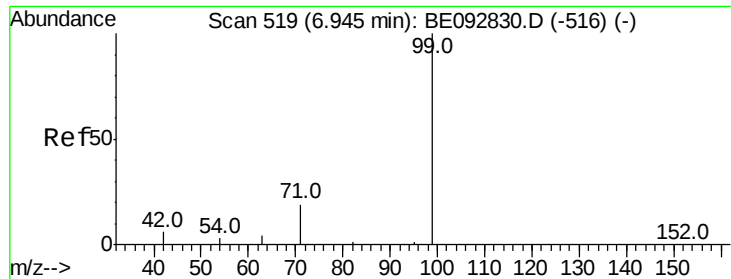


#4

2-Fluorophenol  
Concen: 0.36 ng  
RT: 5.35 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 70.2  | 53.5  | 80.3  |
| 63      | 35.4  | 27.9  | 41.9  |





#5

Phenol-d6

Concen: 0.34 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

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

Instrument :

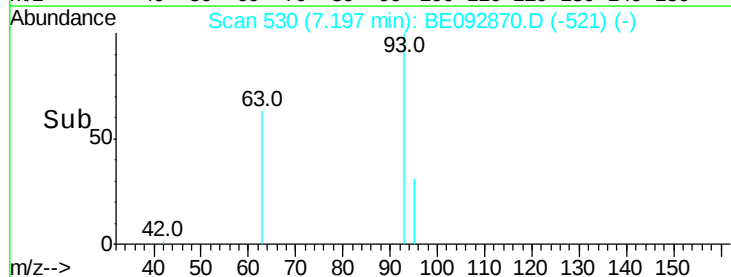
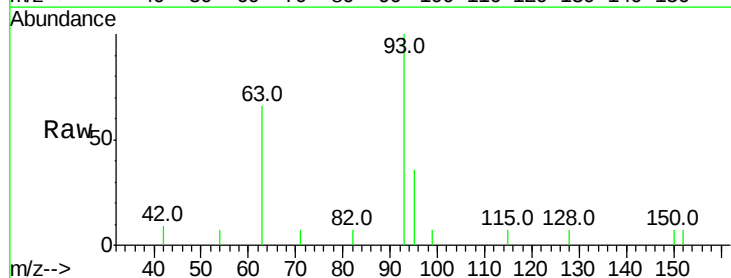
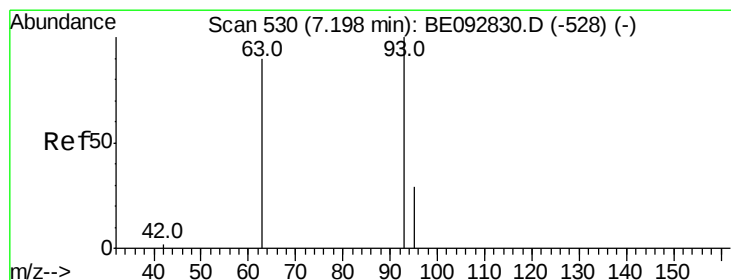
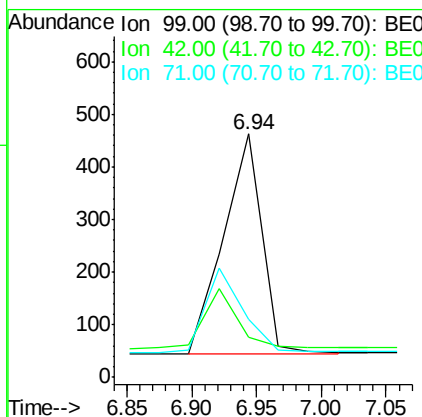
BNA\_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations  
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#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

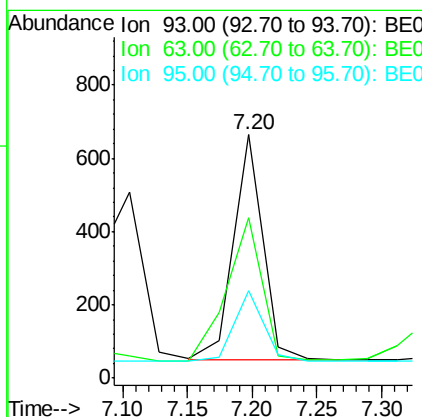
RT: 7.20 min Scan# 530

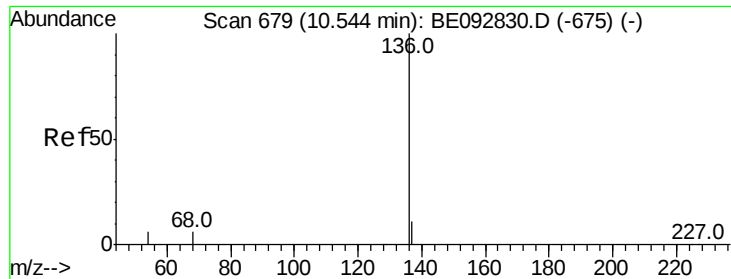
Delta R.T. -0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.6  | 16.0  | 24.0# |
| 95      | 31.3  | 24.0  | 36.0  |





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

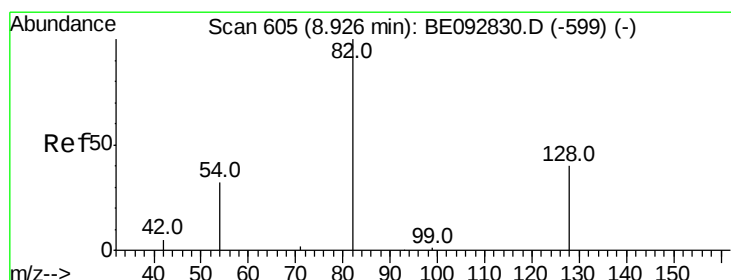
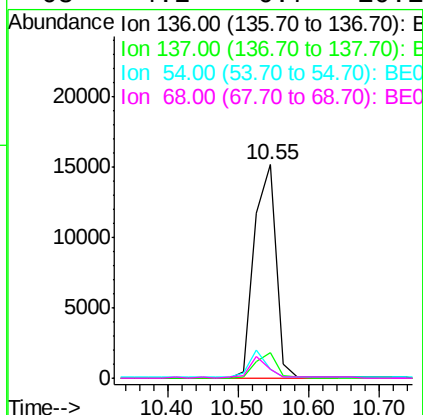
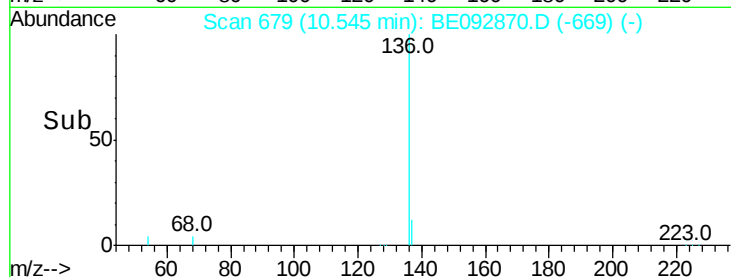
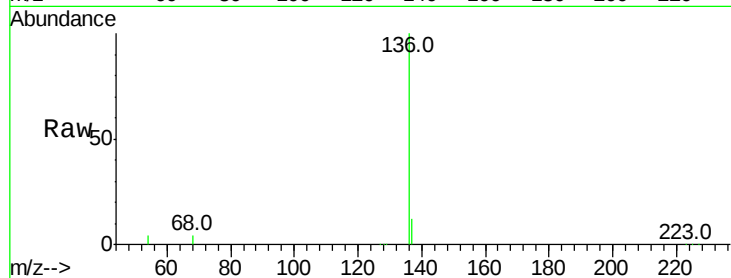
ClientSampleId :

SSTDCCC0.4

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 12.2  | 8.2        | 12.4  |
| 54      | 4.1   | 9.6        | 14.4# |
| 68      | 4.2   | 6.7        | 10.1# |

Manual Integrations  
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#8

Nitrobenzene-d5

Concen: 0.38 ng

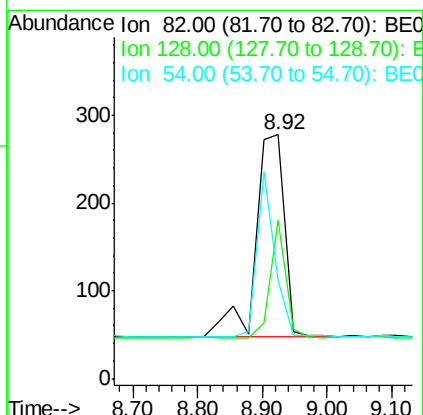
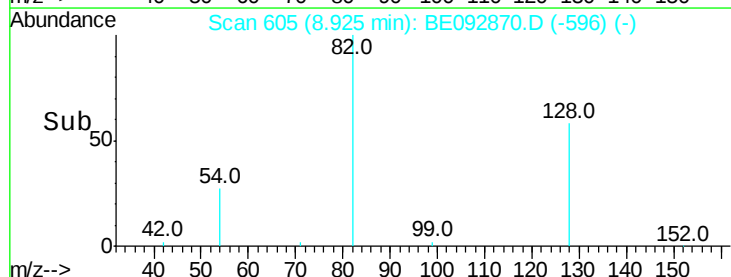
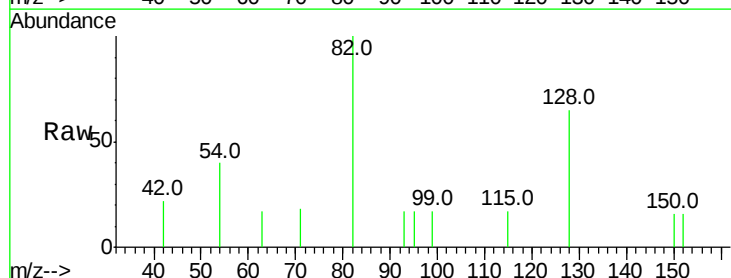
RT: 8.92 min Scan# 605

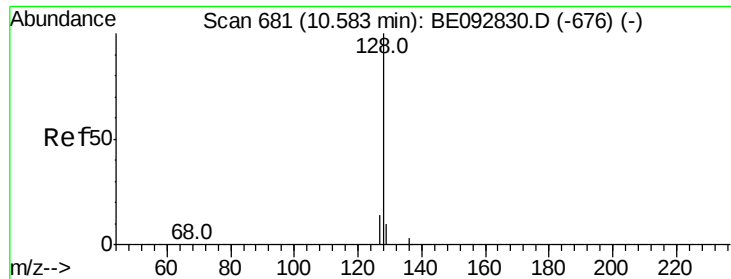
Delta R.T. -0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 64.7  | 39.0       | 58.4# |
| 54      | 39.9  | 44.8       | 67.2# |





#9

Naphthalene

Concen: 0.41 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

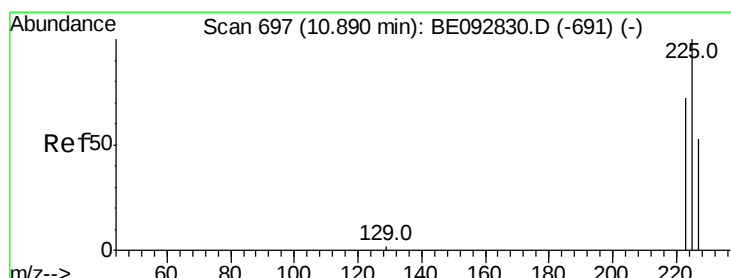
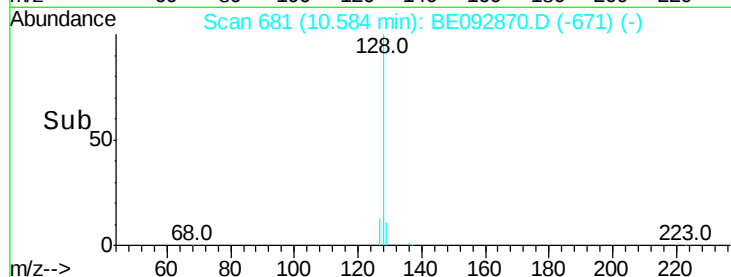
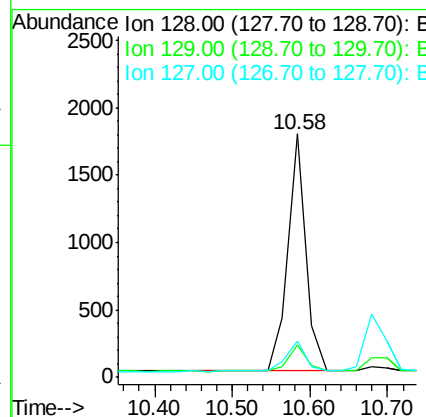
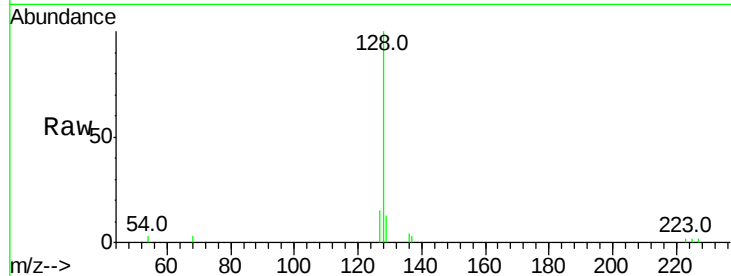
ClientSampleId :

SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 128   | Resp: | 2880 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 13.1  | 11.2  | 16.8 |
| 127       | 14.7  | 11.6  | 17.4 |

Manual Integrations  
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#10

Hexachlorobutadiene

Concen: 0.40 ng

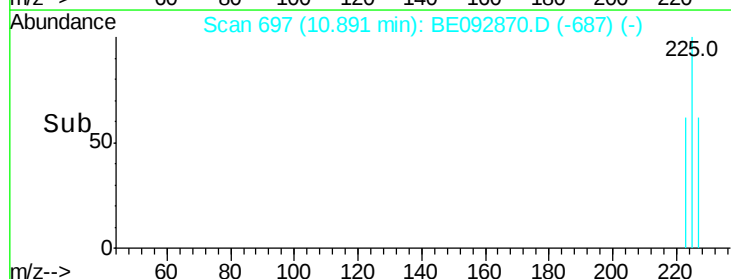
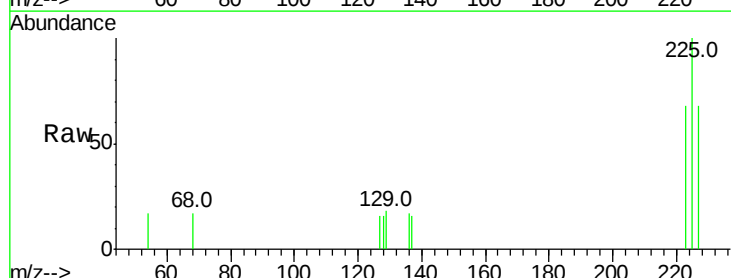
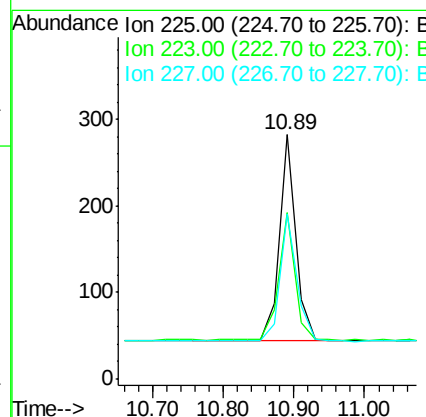
RT: 10.89 min Scan# 697

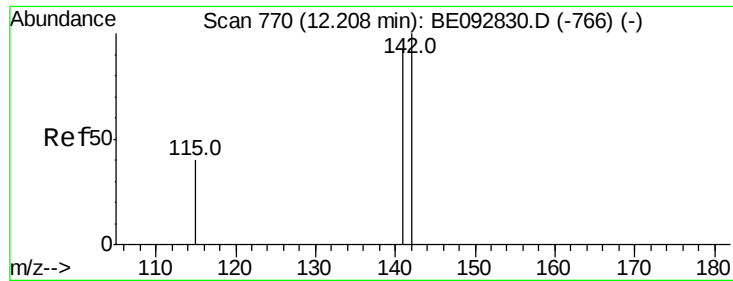
Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 379  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 64.1  | 50.6  | 76.0 |
| 227       | 65.2  | 51.4  | 77.0 |





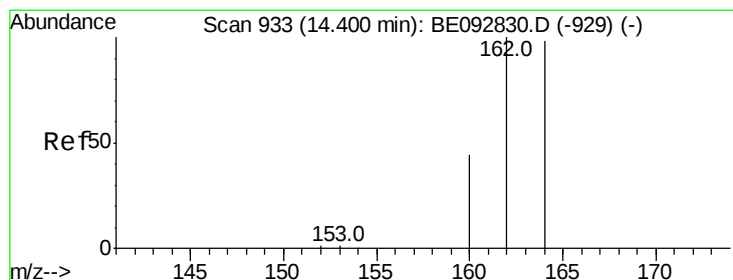
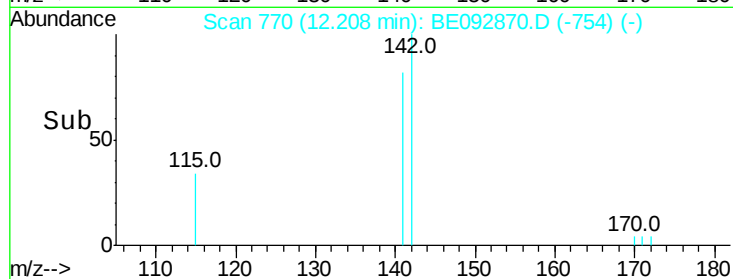
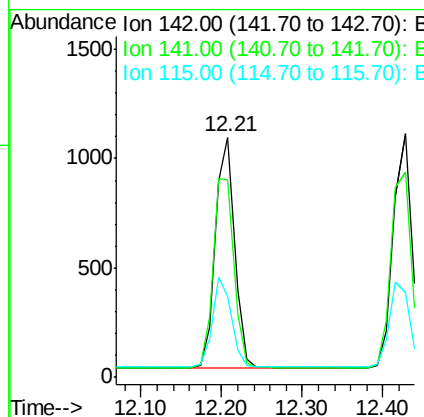
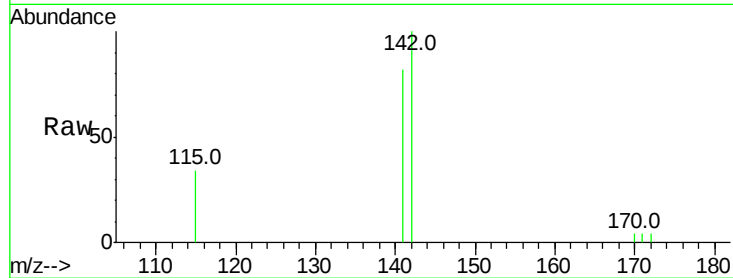
#11  
2-Methylnaphthalene  
Concen: 0.39 ng  
RT: 12.21 min Scan# 770  
Delta R.T. 0.00 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 82.1  | 73.7  | 110.5 |
| 115     | 33.8  | 34.0  | 51.0# |

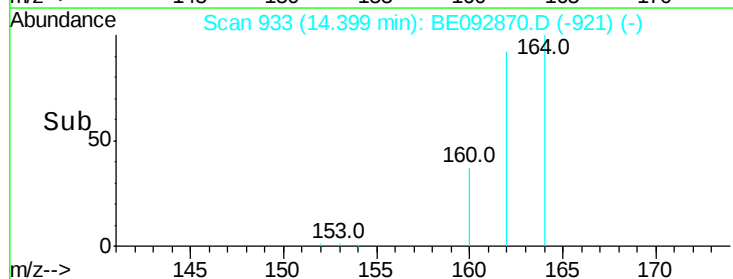
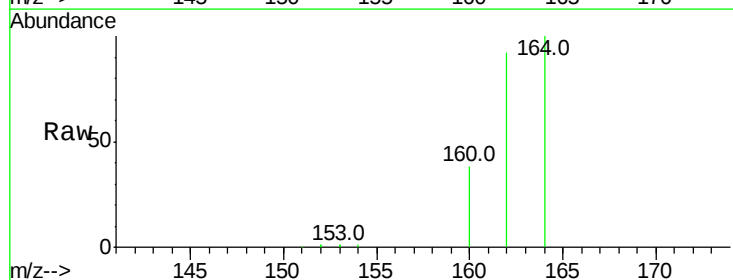
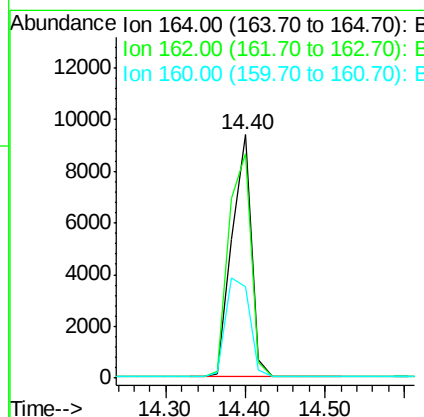
Manual Integrations  
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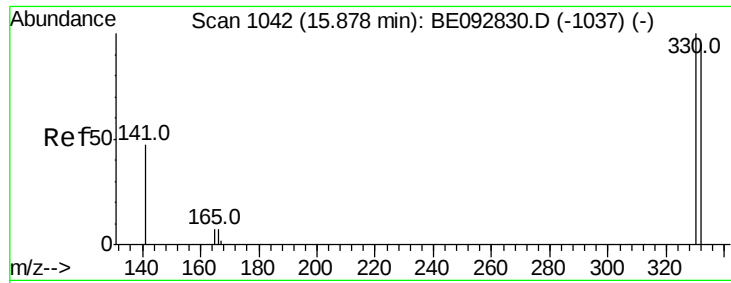
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#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.40 min Scan# 933  
Delta R.T. -0.00 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 92.3  | 71.4  | 107.0 |
| 160     | 37.5  | 27.4  | 41.2  |





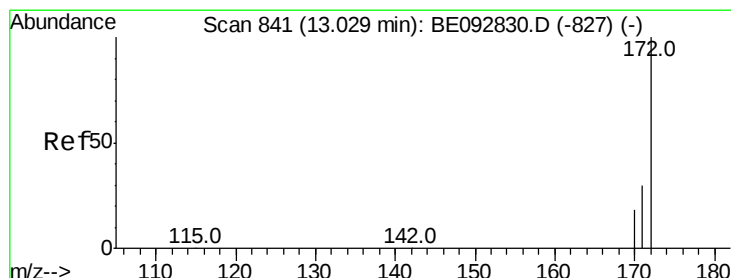
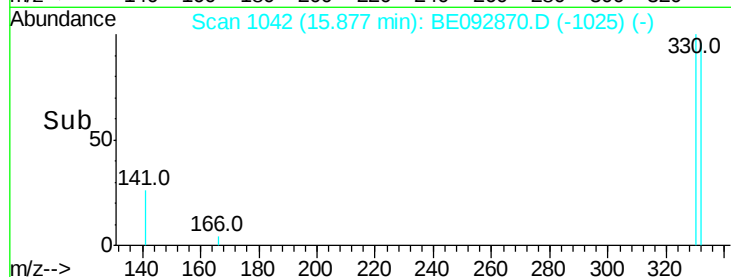
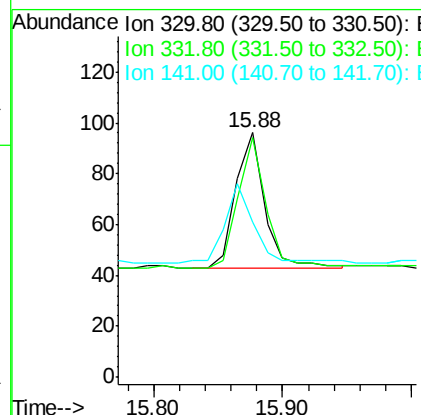
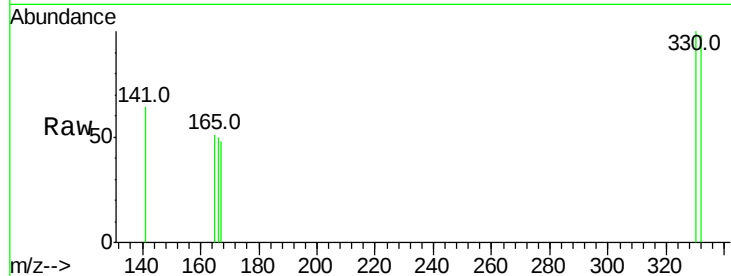
#13  
 2,4,6-Tribromophenol  
 Concen: 0.33 ng  
 RT: 15.88 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BE092870.D  
 Acq: 30 Mar 2017 9:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion:330 Resp: 83  
 Ion Ratio Lower Upper  
 330 100  
 332 94.0 75.4 113.0  
 141 59.0 31.0 46.6#

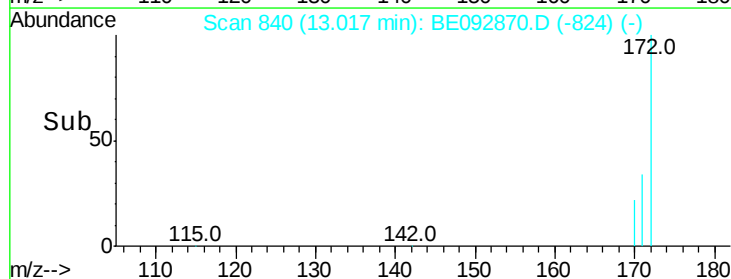
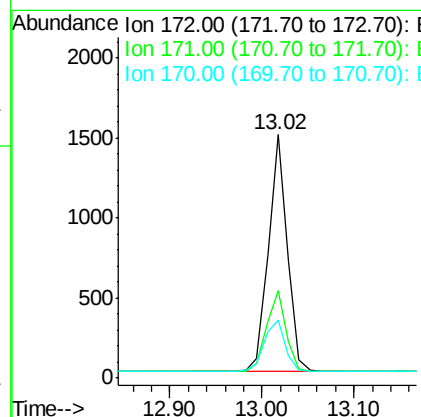
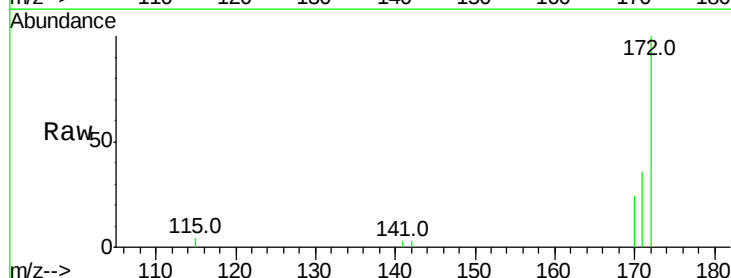
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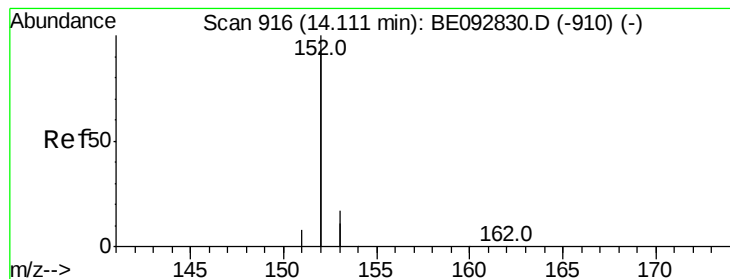
mohammad  
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#14  
 2-Fluorobiphenyl  
 Concen: 0.41 ng  
 RT: 13.02 min Scan# 840  
 Delta R.T. -0.01 min  
 Lab File: BE092870.D  
 Acq: 30 Mar 2017 9:53

Tgt Ion:172 Resp: 2121  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 30.1 45.1  
 170 24.0 21.8 32.6





#15

Acenaphthylene

Concen: 0.34 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

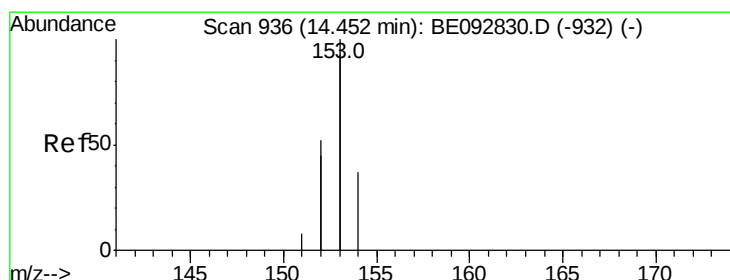
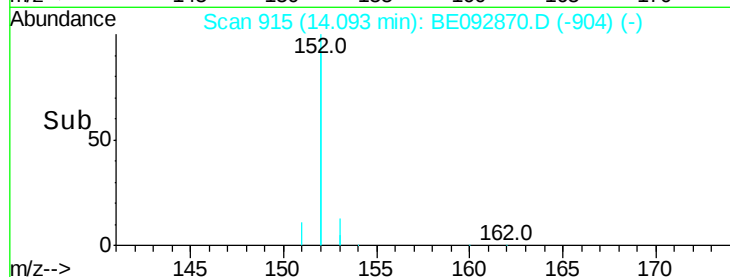
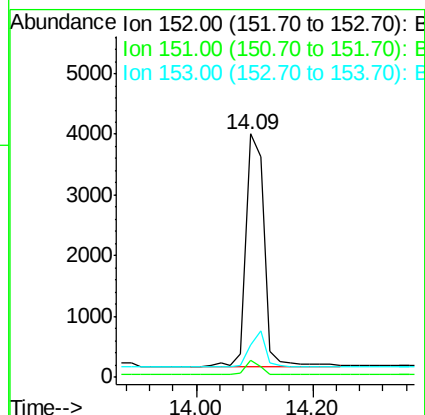
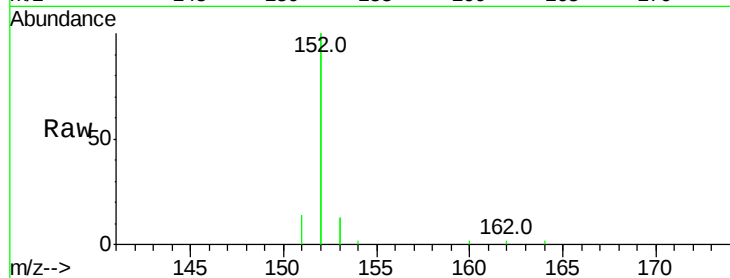
ClientSampleId :

SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 152   | Resp: | 8333 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 4.8   | 3.9   | 5.9  |
| 153       | 13.2  | 10.4  | 15.6 |

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#16

Acenaphthene

Concen: 0.38 ng

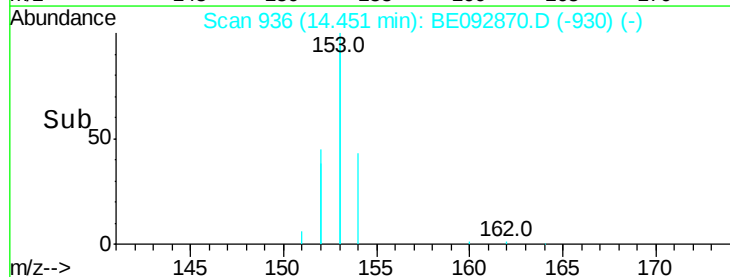
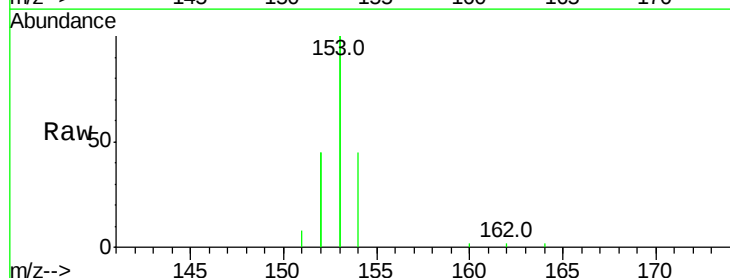
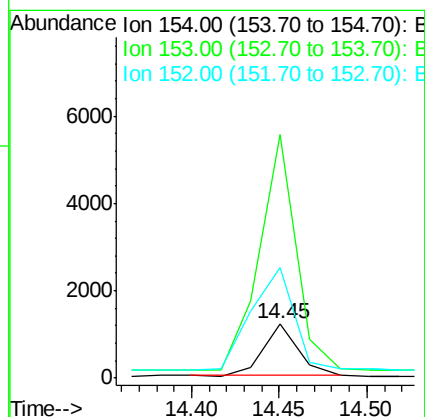
RT: 14.45 min Scan# 936

Delta R.T. -0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 1671  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 471.7 | 350.8 | 526.2 |
| 152       | 238.1 | 171.1 | 256.7 |





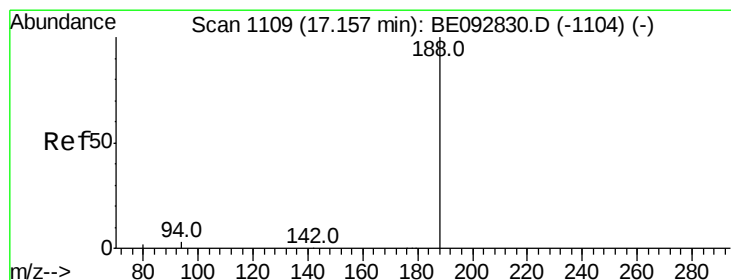
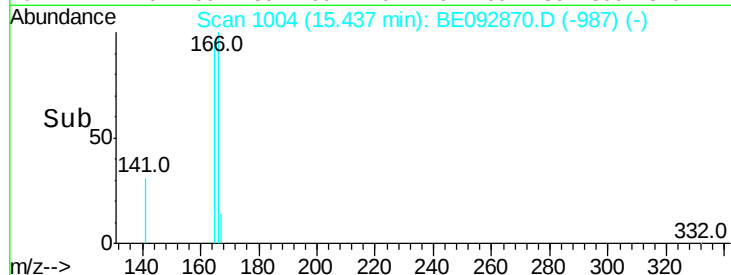
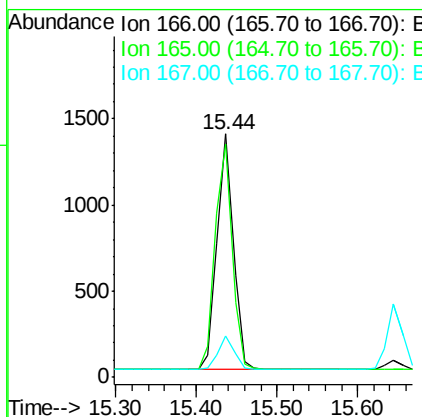
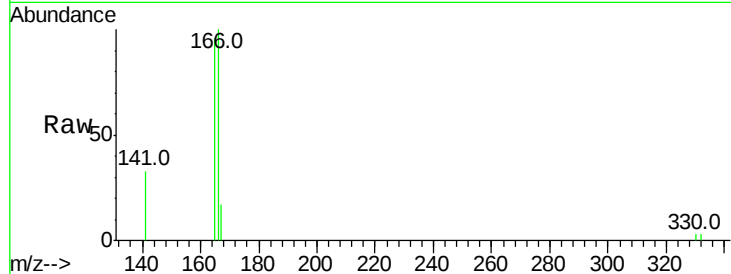
#17  
**Fluorene**  
 Concen: 0.38 ng  
 RT: 15.44 min Scan# 1004  
 Delta R.T. -0.00 min  
 Lab File: BE092870.D  
 Acq: 30 Mar 2017 9:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 78.2  | 117.4 |
| 167     | 14.2  | 11.0  | 16.4  |

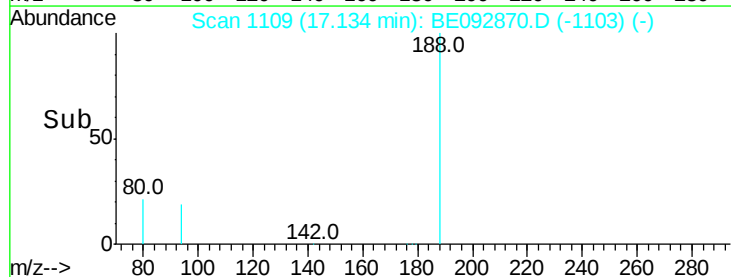
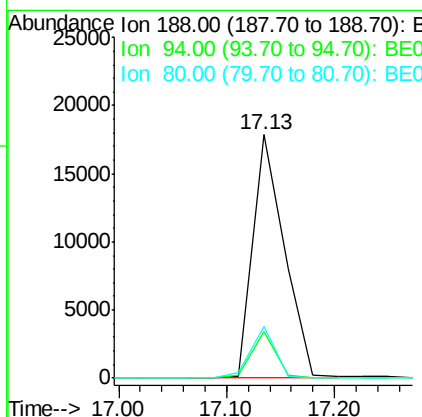
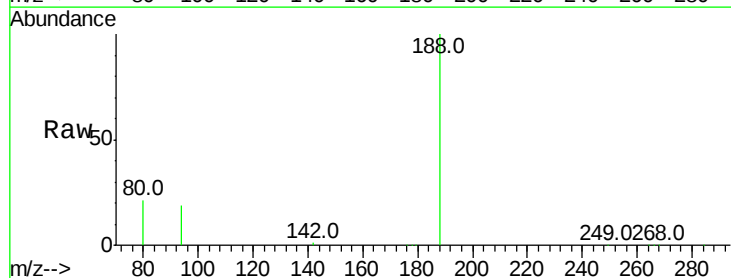
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#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.13 min Scan# 1109  
 Delta R.T. -0.02 min  
 Lab File: BE092870.D  
 Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 19.2  | 3.2   | 4.8#  |
| 80      | 21.1  | 2.6   | 3.8#  |





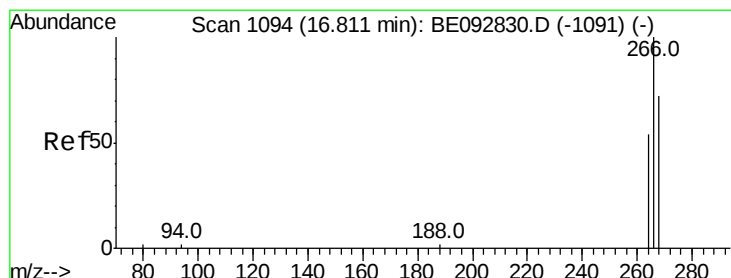
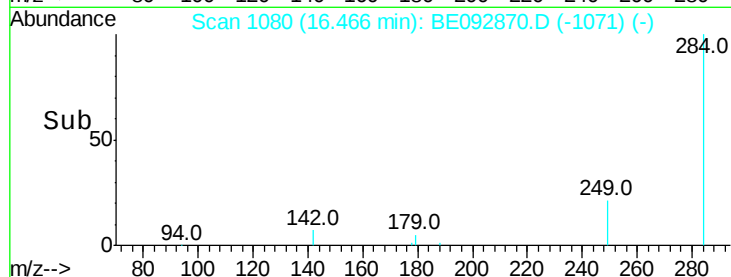
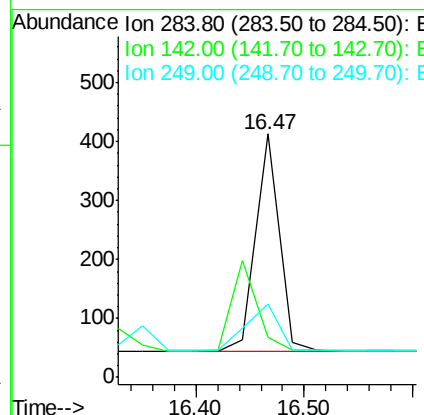
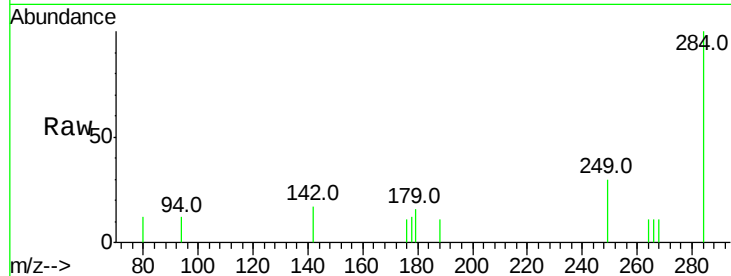
#19  
Hexachlorobenzene  
Concen: 0.42 ng  
RT: 16.47 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 0.0   | 29.1  | 43.7# |
| 249     | 28.7  | 27.9  | 41.9  |

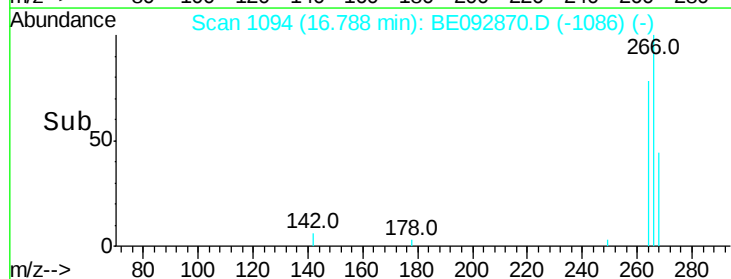
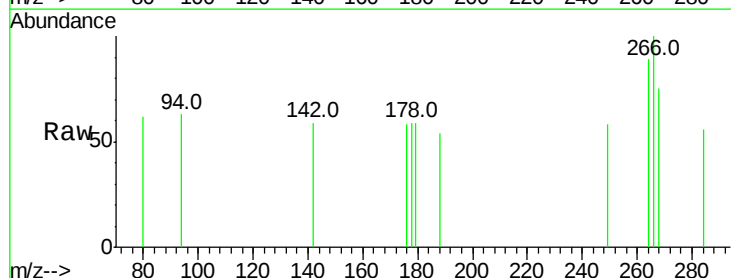
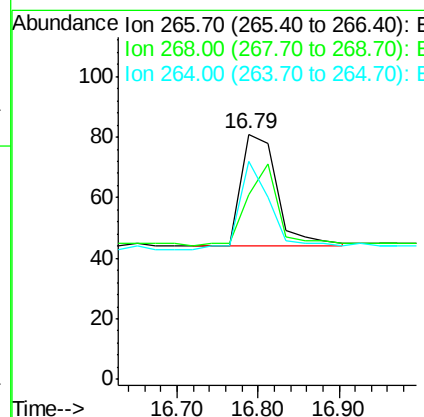
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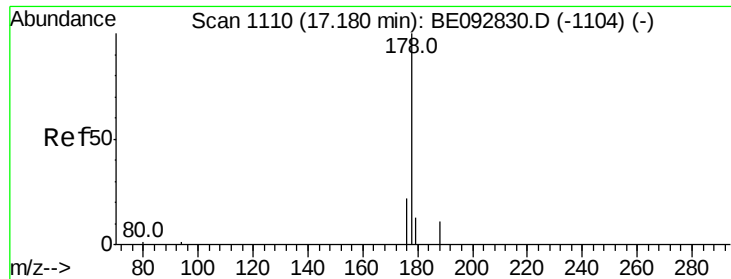
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#20  
Pentachlorophenol  
Concen: 0.48 ng  
RT: 16.79 min Scan# 1094  
Delta R.T. -0.02 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 75.3  | 62.5  | 93.7  |
| 264     | 88.9  | 57.2  | 85.8# |





#21

Phenanthrene

Concen: 0.46 ng

RT: 17.18 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

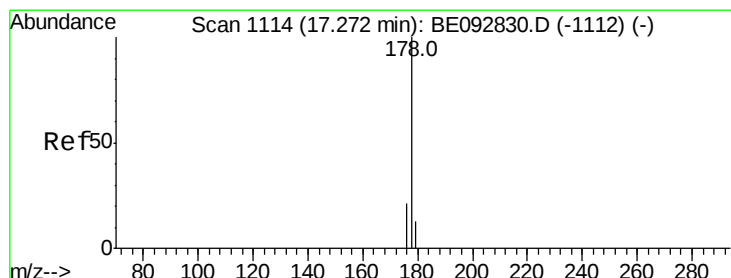
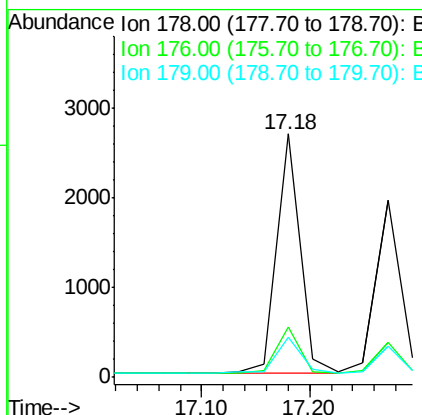
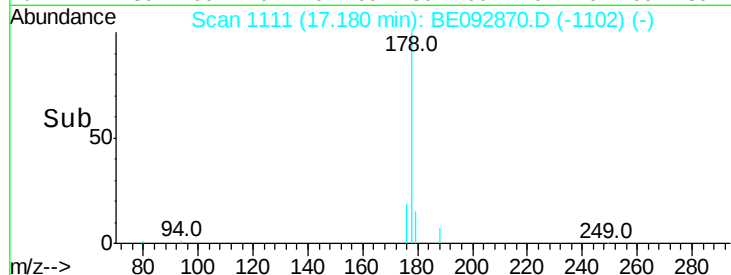
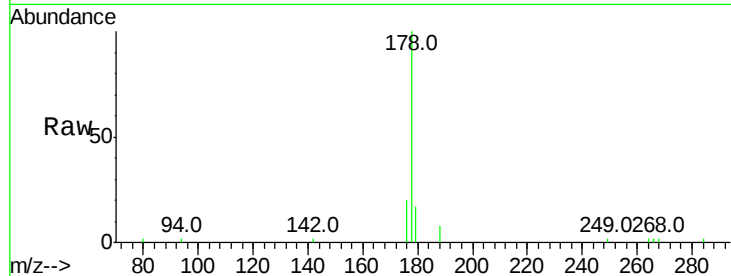
ClientSampleId :

SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.8  | 23.8  |
| 179     | 16.0  | 16.0  | 24.0  |

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#22

Anthracene

Concen: 0.39 ng

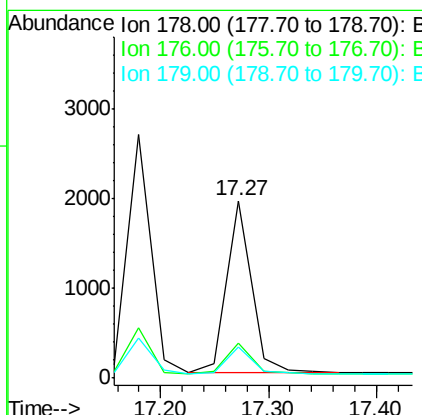
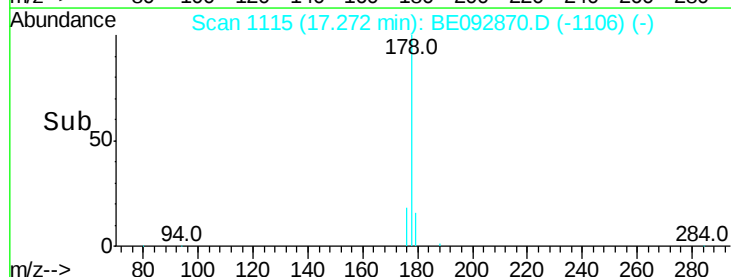
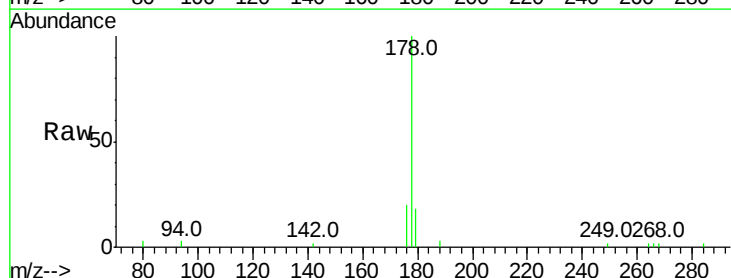
RT: 17.27 min Scan# 1115

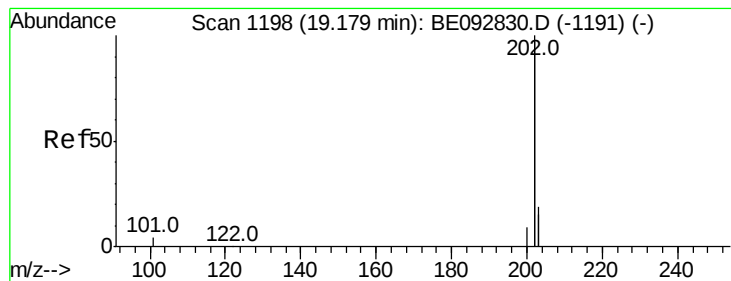
Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 15.0  | 22.4  |
| 179     | 15.7  | 12.2  | 18.2  |





#23

Fluoranthene

Concen: 0.35 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

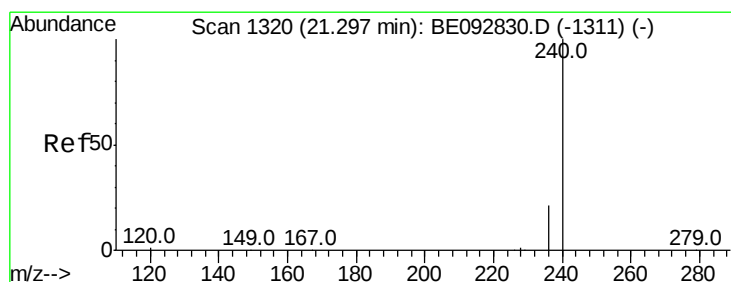
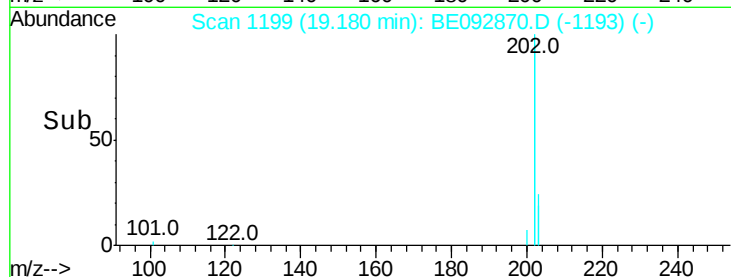
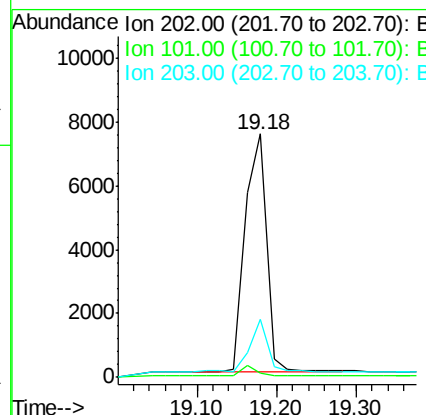
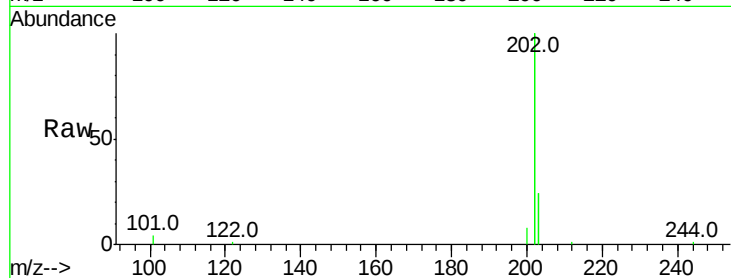
ClientSampleId :

SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 14121 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 3.2   | 2.2   | 3.4   |
| 203       | 17.6  | 13.7  | 20.5  |

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#24

Chrysene-d12

Concen: 5.00 ng

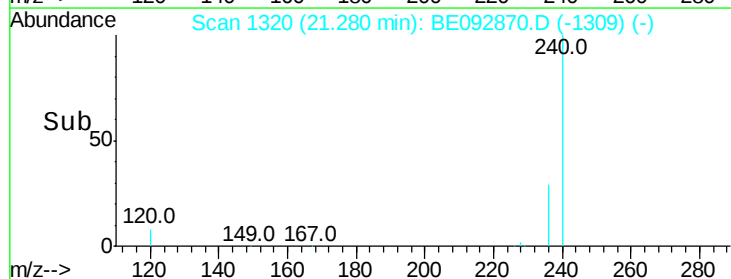
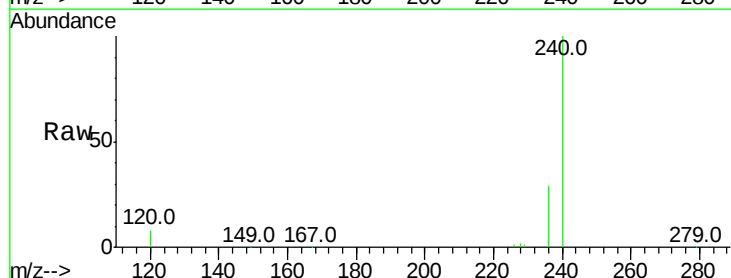
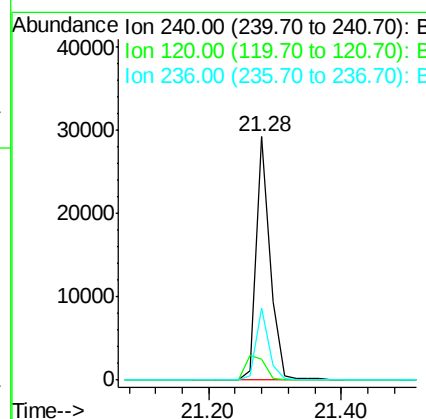
RT: 21.28 min Scan# 1320

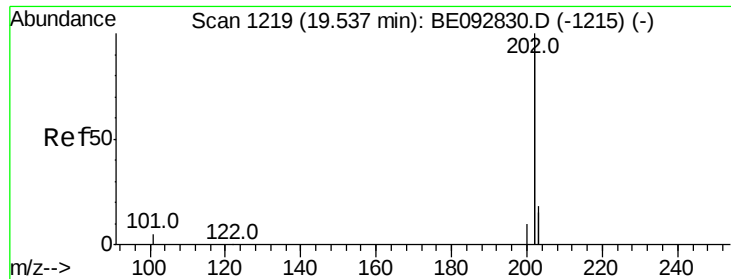
Delta R.T. -0.02 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 42261 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 8.5   | 2.6   | 4.0#  |
| 236       | 29.4  | 24.6  | 37.0  |





#25

Pvrene

Concen: 0.35 ng

RT: 19.54 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

Instrument :

BNA\_E

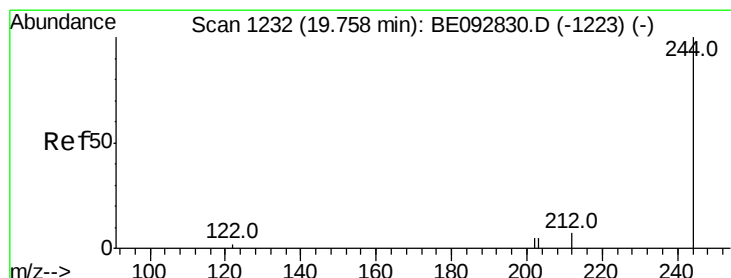
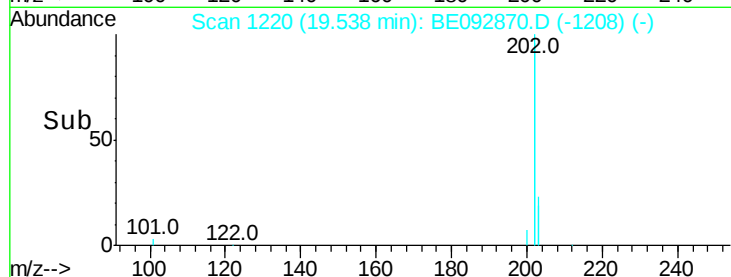
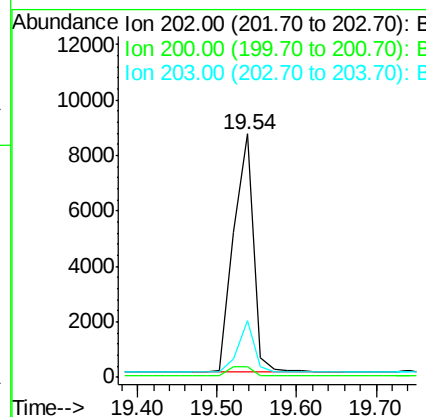
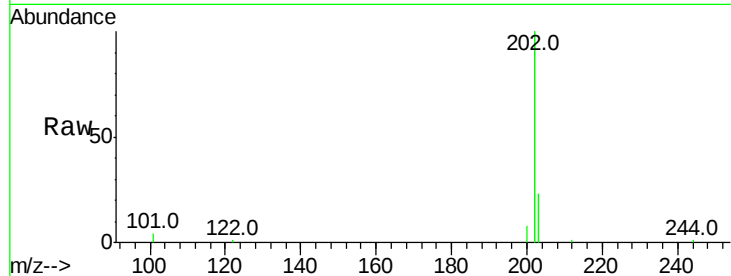
ClientSampleId :

SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 14865 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 5.0   | 4.2   | 6.4   |
| 203       | 17.9  | 13.9  | 20.9  |

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#26

Terphenyl-d14

Concen: 0.35 ng

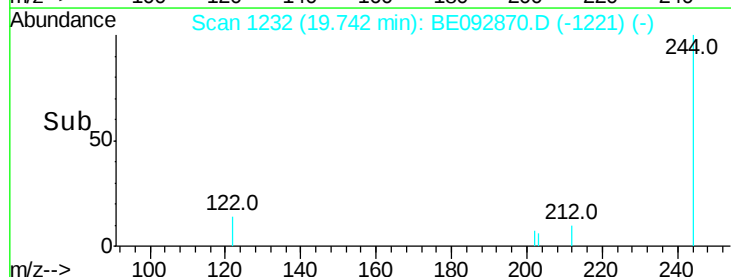
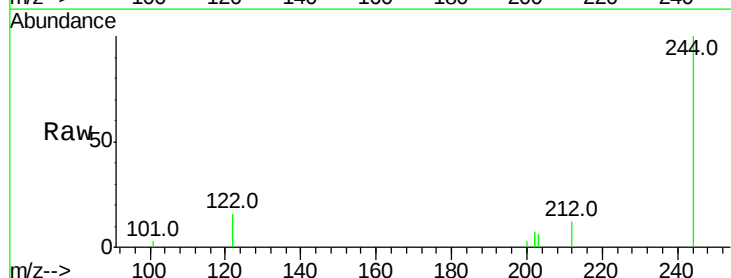
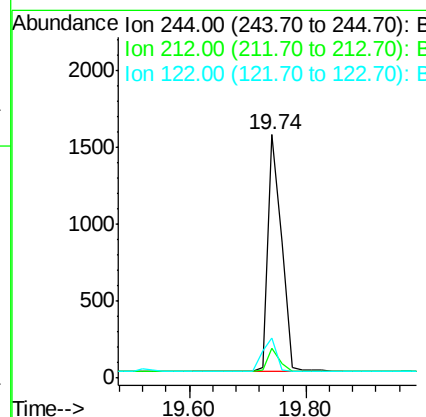
RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 2525  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 12.2  | 6.7   | 10.1# |
| 122       | 16.4  | 3.6   | 5.4#  |





#27

Benzo(a)anthracene

Concen: 0.39 ng

RT: 21.26 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

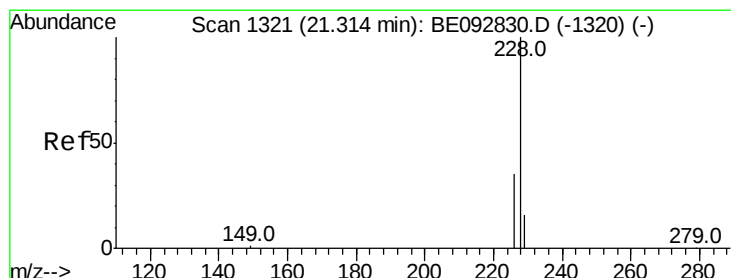
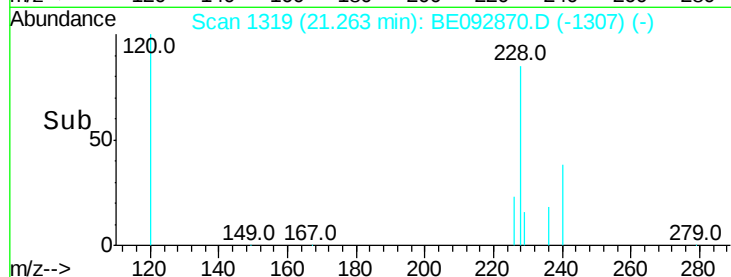
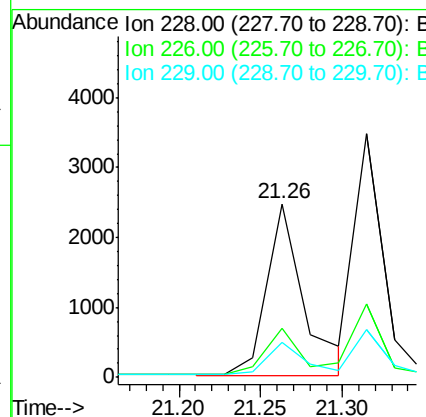
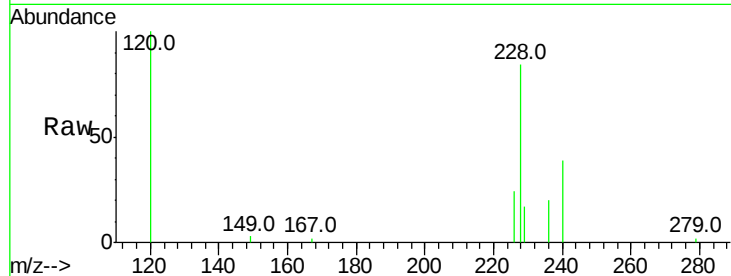
Instrument :  
BNA\_E

ClientSampleId :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.0  | 23.6  | 35.4  |
| 229     | 20.1  | 13.3  | 19.9  |

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#28

Chrysene

Concen: 0.39 ng

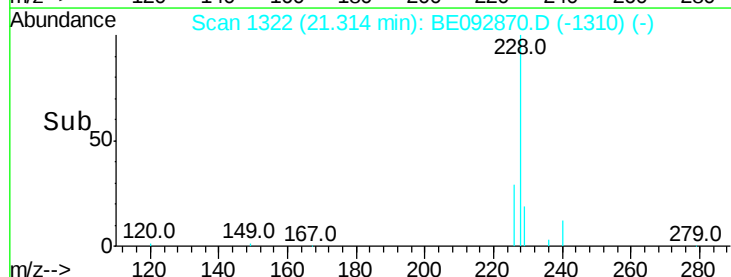
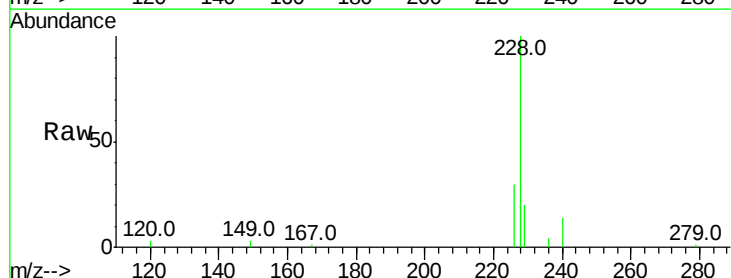
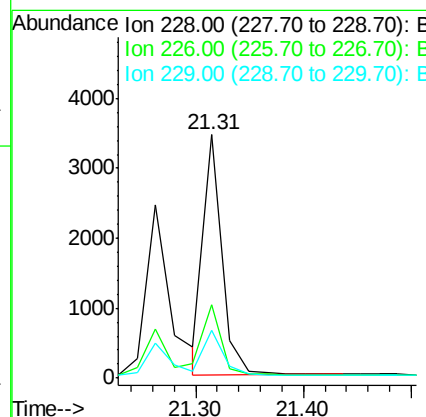
RT: 21.31 min Scan# 1322

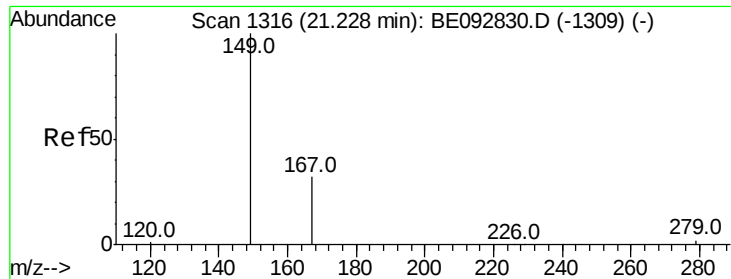
Delta R.T. 0.00 min

Lab File: BE092870.D

Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 36.3  | 54.5  |
| 229     | 19.9  | 10.6  | 16.0  |





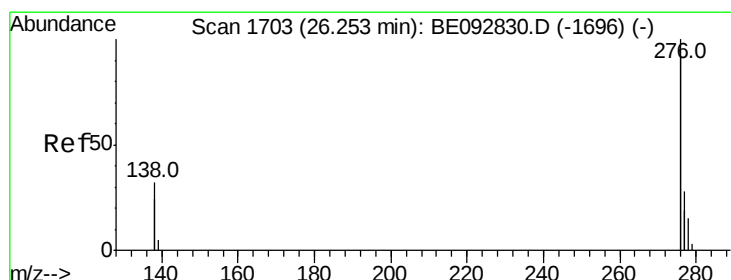
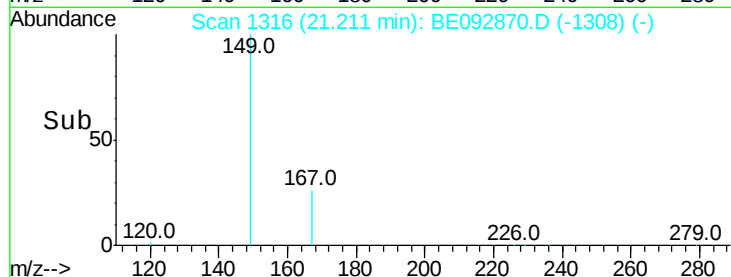
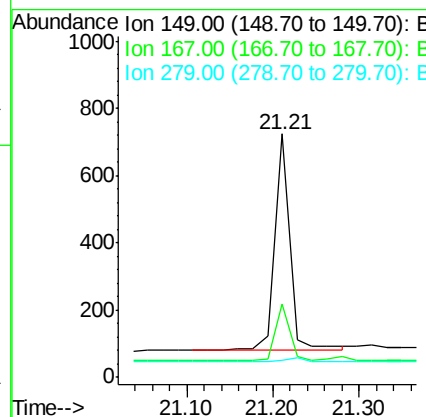
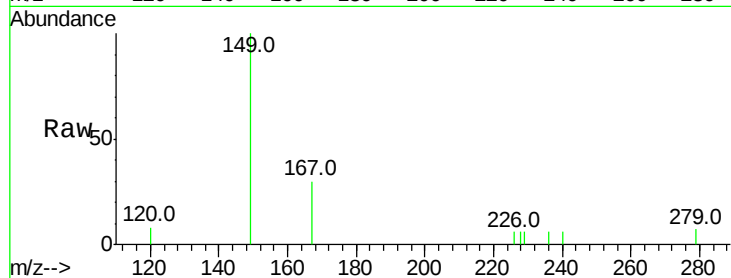
#29  
Bis(2-ethylhexyl)phthalate  
Concen: 0.32 ng  
RT: 21.21 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.0  | 16.0  | 24.0# |
| 279     | 2.7   | 16.0  | 24.0# |

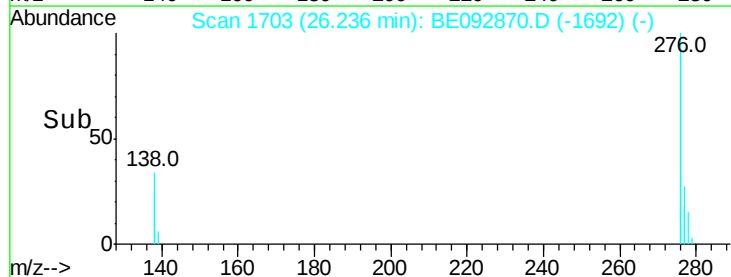
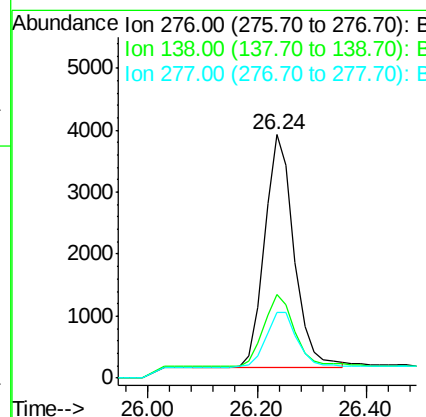
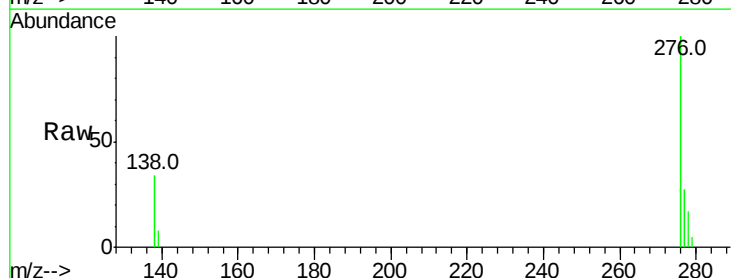
Manual Integrations  
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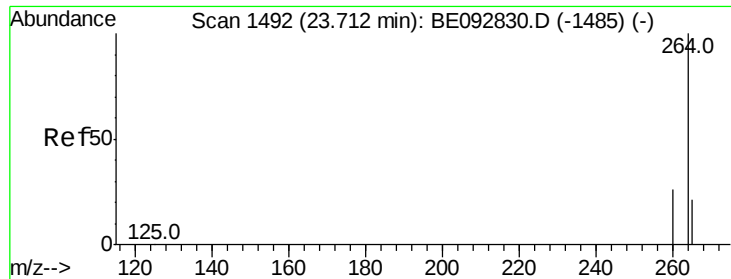
mohammad  
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#30  
Indeno(1,2,3-cd)pyrene  
Concen: 0.35 ng  
RT: 26.24 min Scan# 1703  
Delta R.T. -0.02 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.6  | 20.3  | 30.5# |
| 277     | 24.9  | 19.7  | 29.5  |





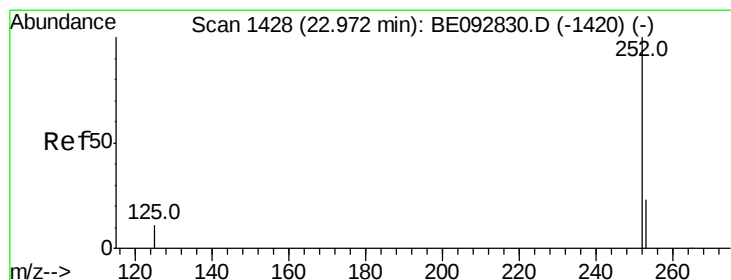
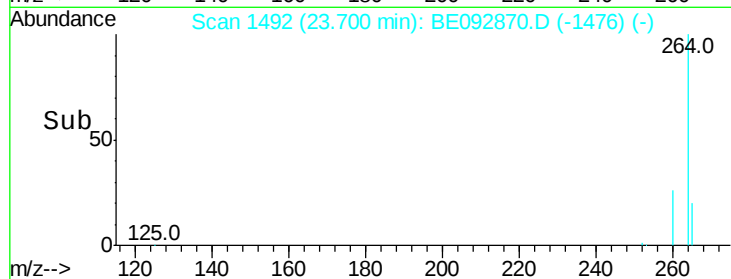
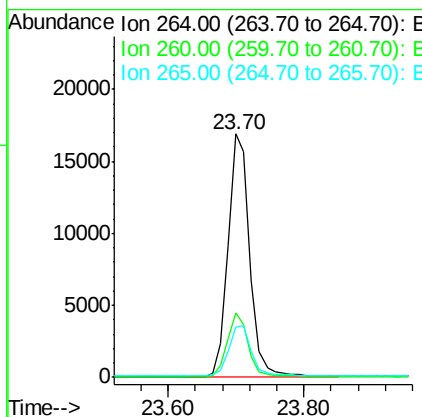
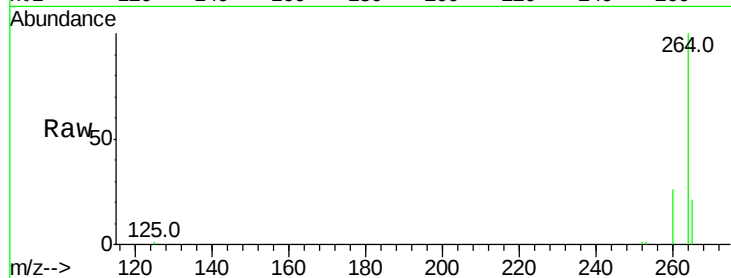
#31  
Pervlene-d12  
Concen: 5.00 ng  
RT: 23.70 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 26.2  | 20.1  | 30.1  |
| 265     | 20.6  | 17.9  | 26.9  |

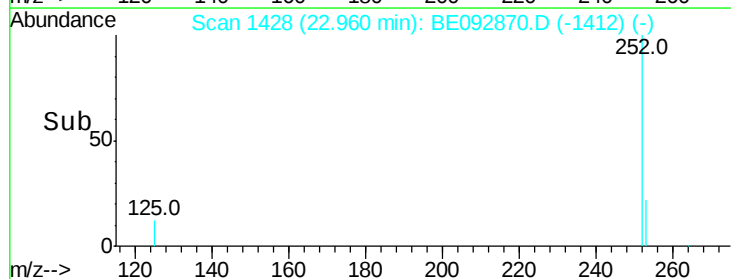
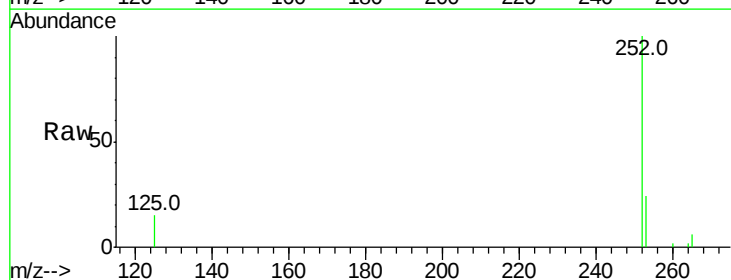
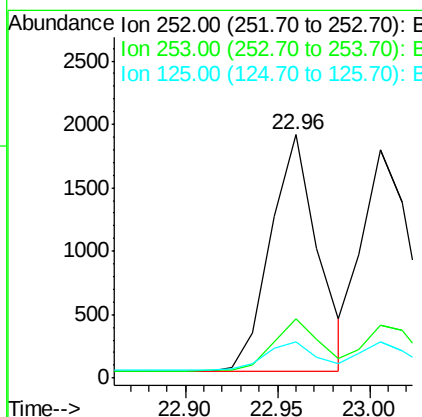
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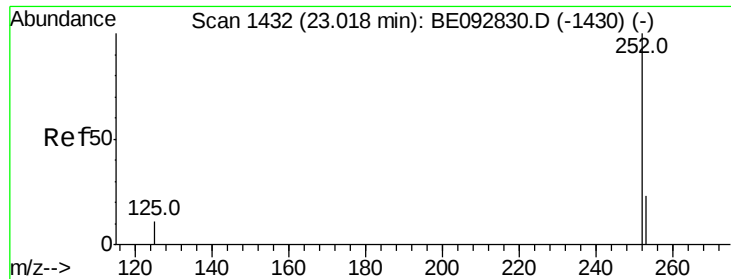
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3/31/2017 2:12:24 PM



#32  
Benzo(b)fluoranthene  
Concen: 0.33 ng  
RT: 22.96 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.1  | 18.7  | 28.1  |
| 125     | 15.0  | 10.5  | 15.7  |





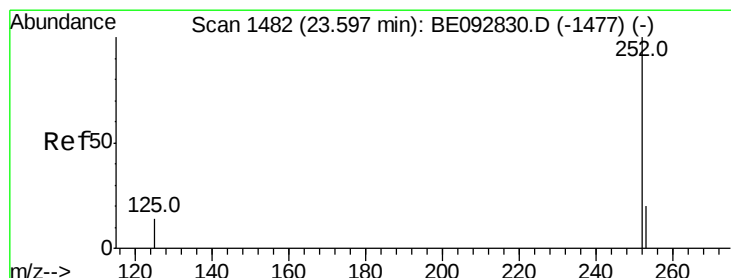
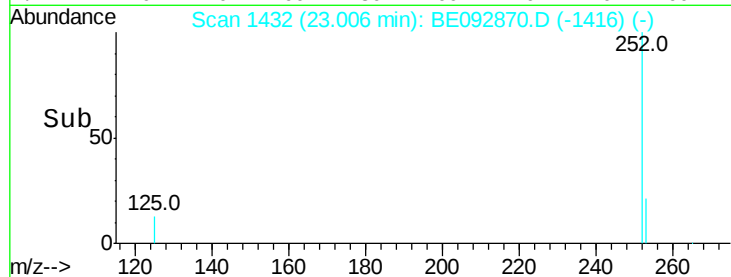
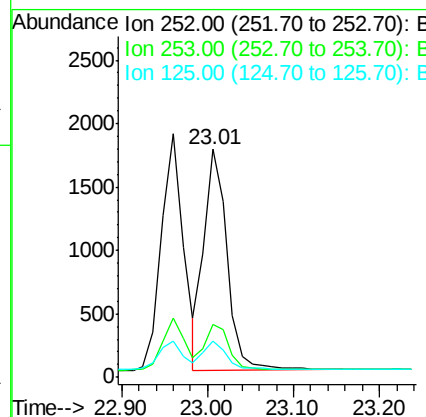
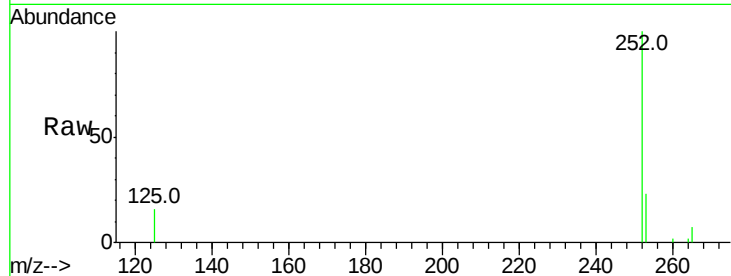
#33  
Benzo(k)fluoranthene  
Concen: 0.36 ng  
RT: 23.01 min Scan# 1432  
Delta R.T. -0.01 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 20.3  | 30.5  |
| 125     | 16.1  | 9.6   | 14.4# |

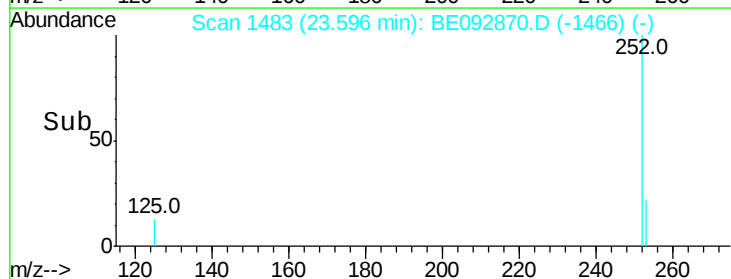
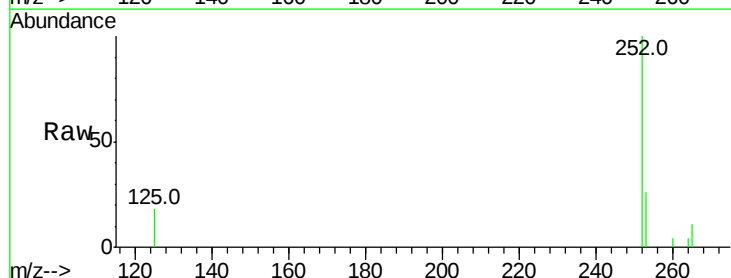
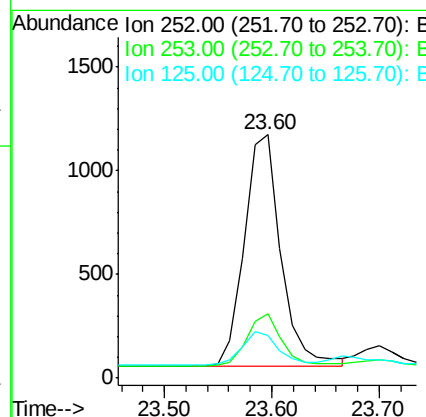
Manual Integrations  
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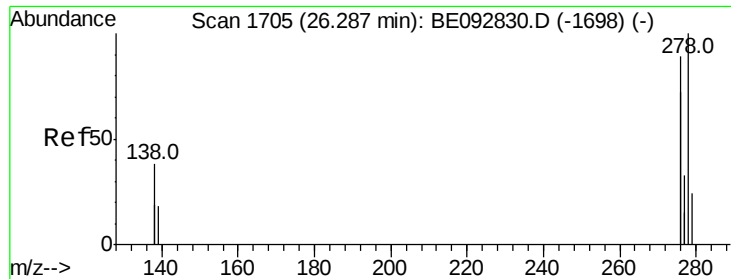
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#34  
Benzo(a)pyrene  
Concen: 0.32 ng  
RT: 23.60 min Scan# 1483  
Delta R.T. -0.00 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.2  | 19.0  | 28.6  |
| 125     | 17.6  | 11.8  | 17.8  |





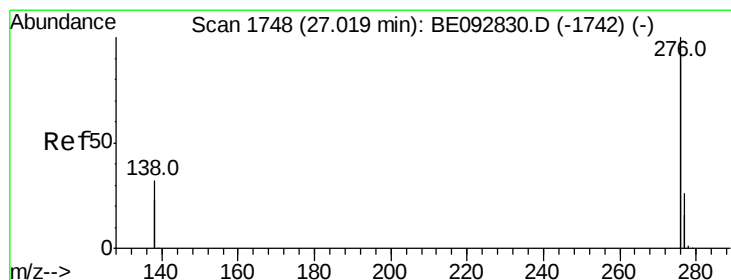
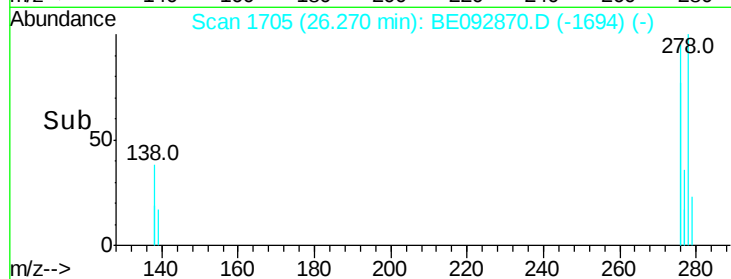
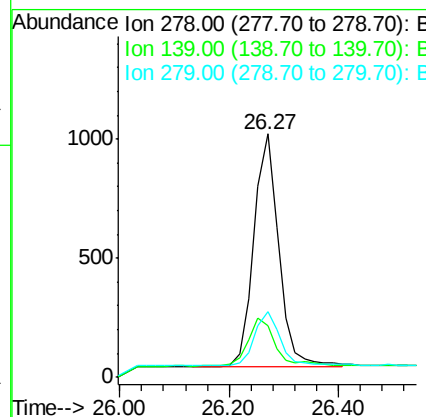
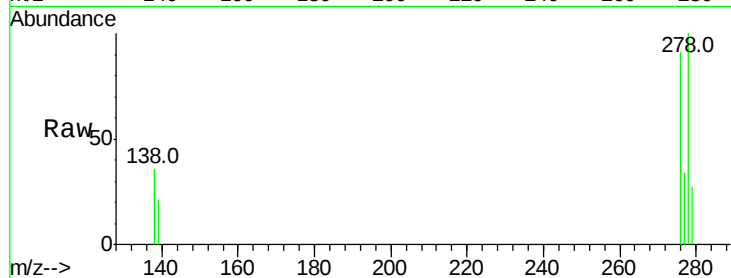
#35  
Dibenzo(a,h)anthracene  
Concen: 0.35 ng  
RT: 26.27 min Scan# 1705  
Delta R.T. -0.02 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.9  | 13.8  | 20.8# |
| 279     | 27.1  | 21.4  | 32.2  |

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3/31/2017 2:12:24 PM



#36  
Benzo(g,h,i)perylene  
Concen: 0.35 ng  
RT: 27.02 min Scan# 1749  
Delta R.T. 0.00 min  
Lab File: BE092870.D  
Acq: 30 Mar 2017 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 28.6  | 19.8  | 29.8  |
| 138     | 28.2  | 19.8  | 29.6  |

