

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE082617\  
 Data File : BE093882.D  
 Acq On : 26 Aug 2017 9:46  
 Operator : SJ/JU  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

Manual Integrations  
 APPROVED

Sohil  
 8/28/2017 3:12:27 PM

Quant Time: Aug 28 02:16:28 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE082617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 28 01:59:34 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.92  | 152  | 1852     | 0.40  | ng    | 0.00      |
| 7) Naphthalene-d8              | 10.71 | 136  | 9246     | 0.40  | ng    | 0.00      |
| 13) Acenaphthene-d10           | 14.53 | 164  | 5068     | 0.40  | ng    | 0.00      |
| 19) Phenanthrene-d10           | 17.24 | 188  | 9935     | 0.40  | ng    | 0.00      |
| 27) Chrysene-d12               | 21.42 | 240  | 12034    | 0.40  | ng    | 0.00      |
| 34) Perylene-d12               | 23.92 | 264  | 10045    | 0.40  | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 4) 2-Fluorophenol              | 5.51  | 112  | 1095     | 0.18  | ng    | 0.00      |
| 5) Phenol-d6                   | 7.10  | 99   | 1768     | 0.20  | ng    | 0.00      |
| 8) Nitrobenzene-d5             | 9.06  | 82   | 1511     | 0.19  | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10    | 12.29 | 152  | 2929     | 0.20  | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol       | 16.03 | 330  | 246      | 0.18  | ng    | 0.00      |
| 15) 2-Fluorobiphenyl           | 13.16 | 172  | 4114     | 0.21  | ng    | 0.00      |
| 25) Fluoranthene-d10           | 19.28 | 212  | 25505    | 0.23  | ng    | 0.00      |
| 29) Terphenyl-d14              | 19.87 | 244  | 4345     | 0.20  | ng    | 0.00      |
| Target Compounds               |       |      |          |       |       |           |
| 2) 1,4-Dioxane                 | 3.44  | 88   | 557      | 0.203 | ng    | Qvalue 98 |
| 3) n-Nitrosodimethylamine      | 3.75  | 42   | 514      | 0.181 | ng    | # 95      |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93   | 1316     | 0.187 | ng    | 96        |
| 9) Naphthalene                 | 10.76 | 128  | 21943    | 0.207 | ng    | 99        |
| 10) Hexachlorobutadiene        | 11.04 | 225  | 764      | 0.197 | ng    | 99        |
| 12) 2-Methylnaphthalene        | 12.36 | 142  | 3637     | 0.205 | ng    | 99        |
| 16) Acenaphthylene             | 14.24 | 152  | 4908     | 0.194 | ng    | 100       |
| 17) Acenaphthene               | 14.58 | 154  | 3425     | 0.201 | ng    | 99        |
| 18) Fluorene                   | 15.56 | 166  | 4481     | 0.204 | ng    | 100       |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248  | 1040     | 0.342 | ng    | # 85      |
| 21) Hexachlorobenzene          | 16.58 | 284  | 890      | 0.287 | ng    | # 100     |
| 22) Pentachlorophenol          | 16.94 | 266  | 287      | 0.147 | ng    | 92        |
| 23) Phenanthrene               | 17.30 | 178  | 5779     | 0.266 | ng    | # 100     |
| 24) Anthracene                 | 17.40 | 178  | 6000m    | 0.194 | ng    |           |
| 26) Fluoranthene               | 19.31 | 202  | 7965     | 0.230 | ng    | 100       |
| 28) Pyrene                     | 19.67 | 202  | 8389     | 0.213 | ng    | 99        |
| 30) Benzo(a)anthracene         | 21.40 | 228  | 7318     | 0.195 | ng    | 100       |
| 31) Chrysene                   | 21.45 | 228  | 8384     | 0.215 | ng    | 99        |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 15294    | 0.193 | ng    | 100       |
| 33) Indeno(1,2,3-cd)pyrene     | 26.58 | 276  | 5467     | 0.154 | ng    | 94        |
| 35) Benzo(b)fluoranthene       | 23.15 | 252  | 6604     | 0.195 | ng    | 97        |
| 36) Benzo(k)fluoranthene       | 23.21 | 252  | 7587     | 0.213 | ng    | 94        |
| 37) Benzo(a)pyrene             | 23.81 | 252  | 6544     | 0.202 | ng    | 94        |
| 38) Dibenzo(a,h)anthracene     | 26.61 | 278  | 4181     | 0.143 | ng    | # 92      |
| 39) Benzo(g,h,i)perylene       | 27.40 | 276  | 5164     | 0.174 | ng    | 96        |

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

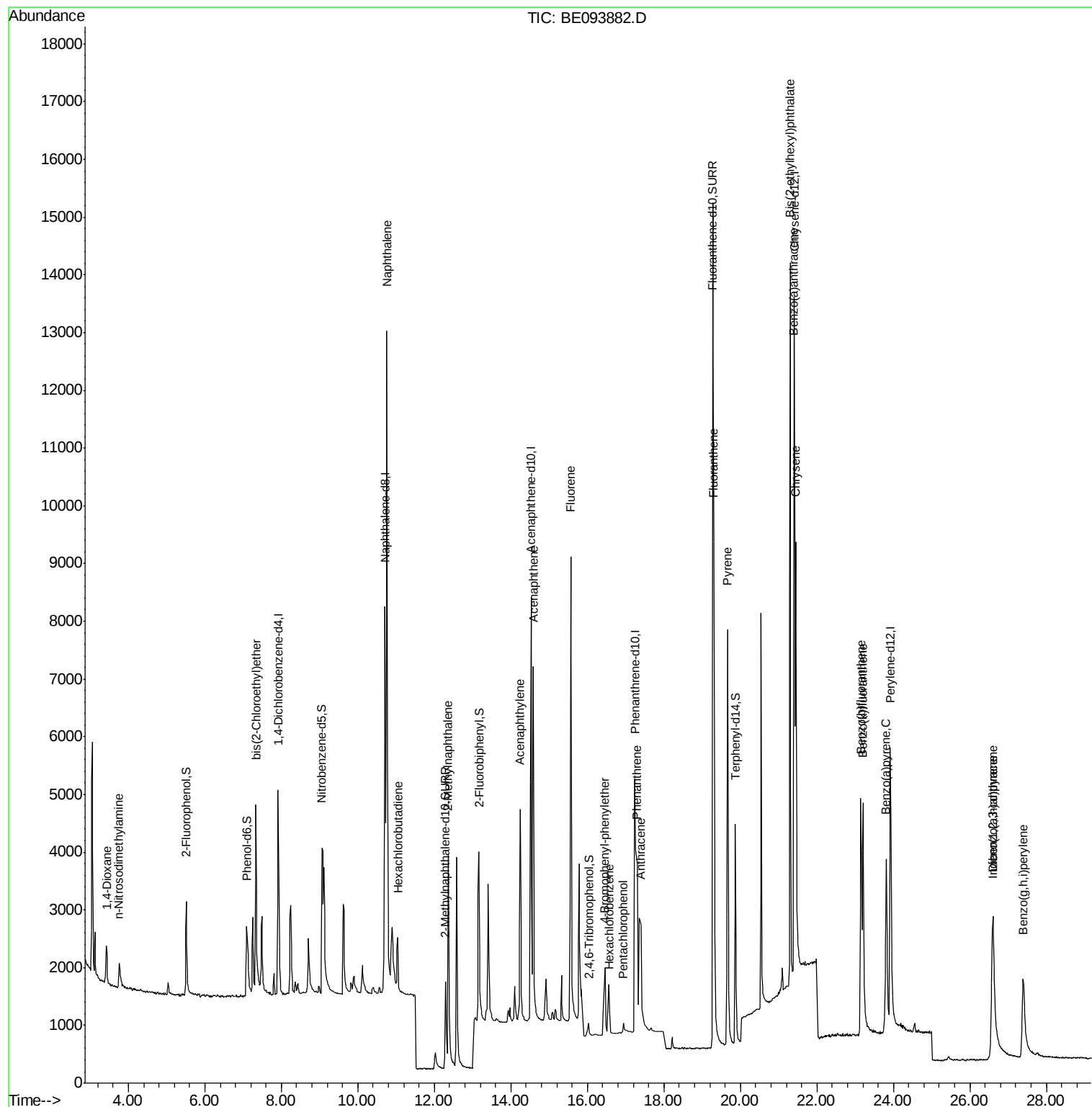
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE082617\  
Data File : BE093882.D  
Acq On : 26 Aug 2017 9:46  
Operator : SJ/JU  
Sample : SSTDICC0.2  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

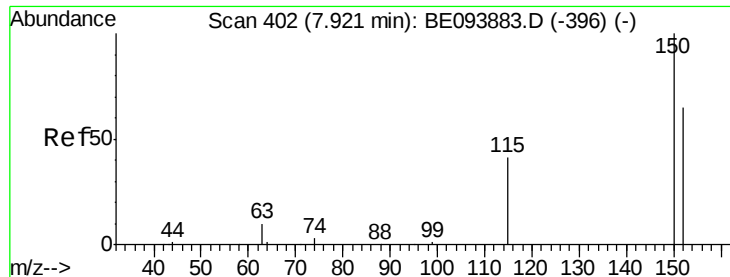
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.2

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Quant Time: Aug 28 02:16:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE082617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 28 01:59:34 2017  
Response via : Initial Calibration





#1

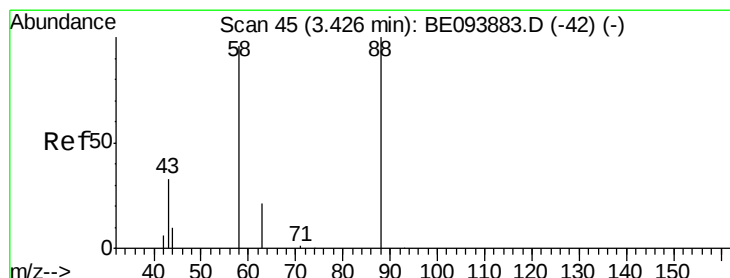
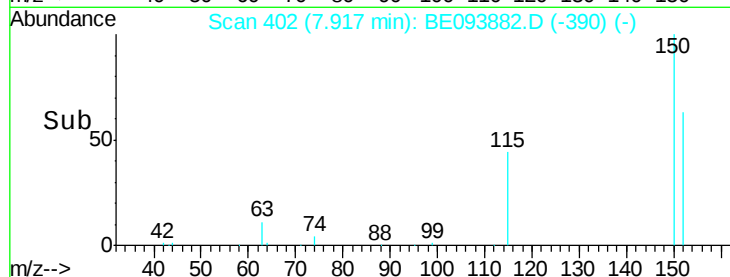
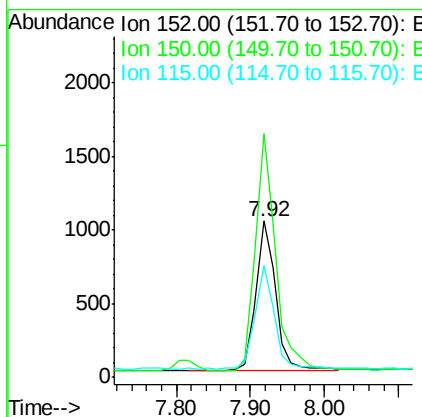
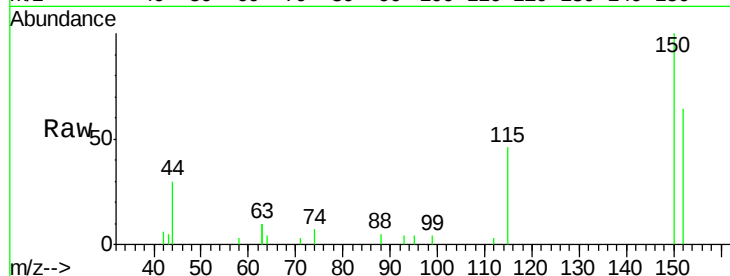
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.92 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampled :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.1 | 121.8 | 182.6 |
| 115     | 71.9  | 52.6  | 79.0  |

Manual Integrations  
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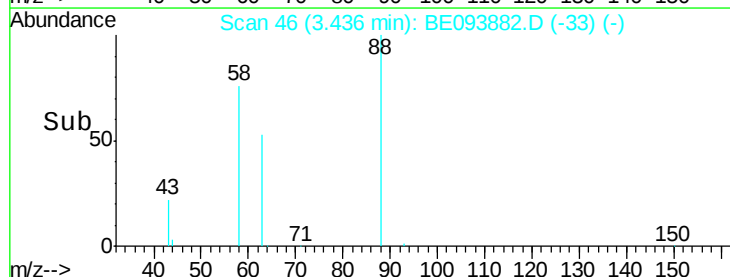
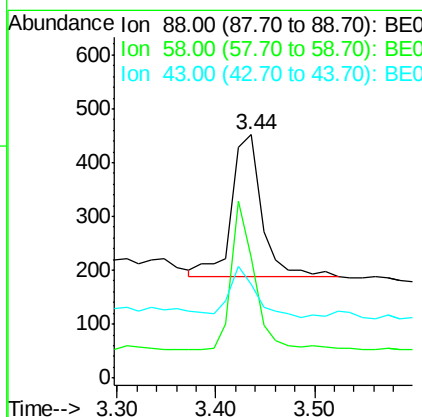
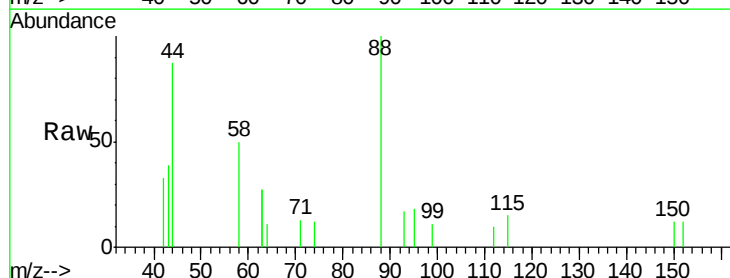
Sohil  
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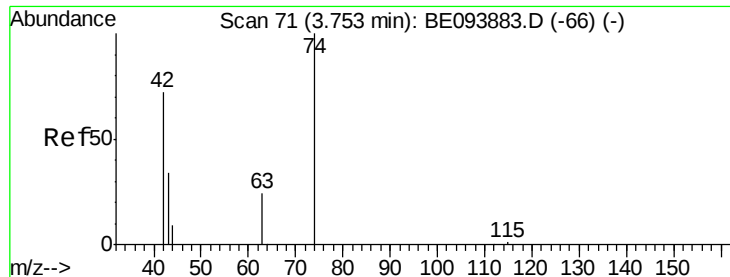


#2

1,4-Dioxane  
Concen: 0.203 ng  
RT: 3.44 min Scan# 46  
Delta R.T. 0.01 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.1  | 65.4  | 98.0  |
| 43      | 30.5  | 23.9  | 35.9  |





#3

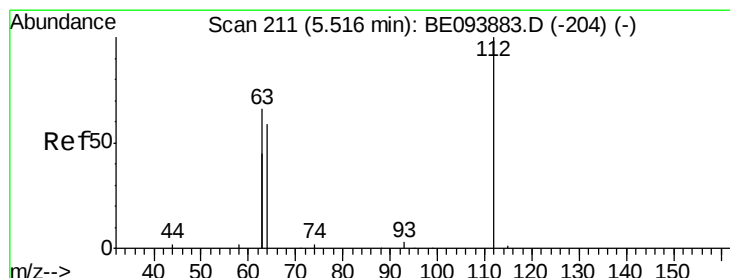
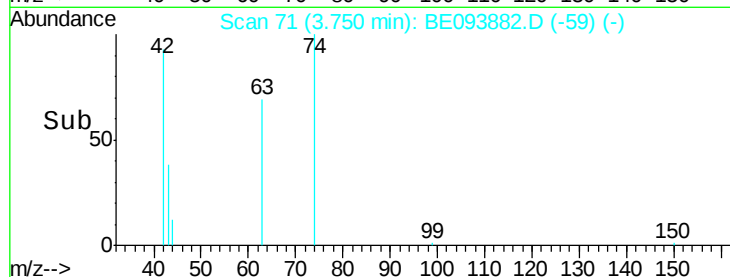
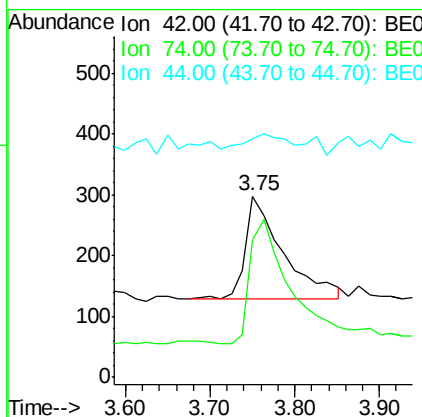
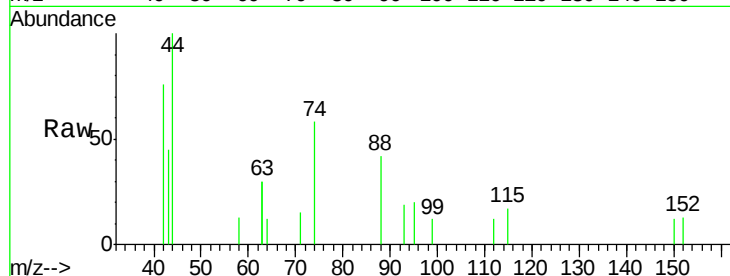
n-Nitrosodimethylamine  
 Concen: 0.181 ng  
 RT: 3.75 min Scan# 71  
 Delta R.T. -0.00 min  
 Lab File: BE093882.D  
 Acq: 26 Aug 2017 9:46

Instrument :  
 BNA\_E  
 ClientSampled :  
 SSTDICC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 131.3 | 104.0 | 156.0 |
| 44      | 33.1  | 13.8  | 20.8  |

Manual Integrations  
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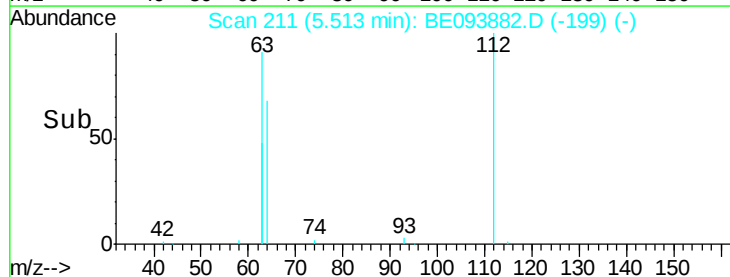
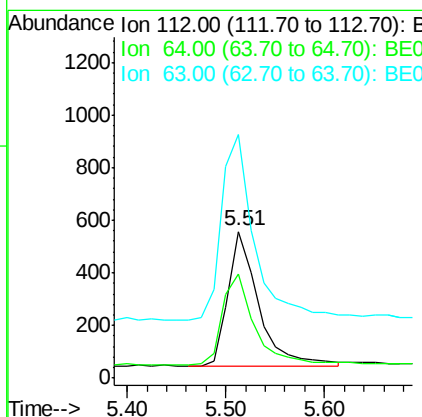
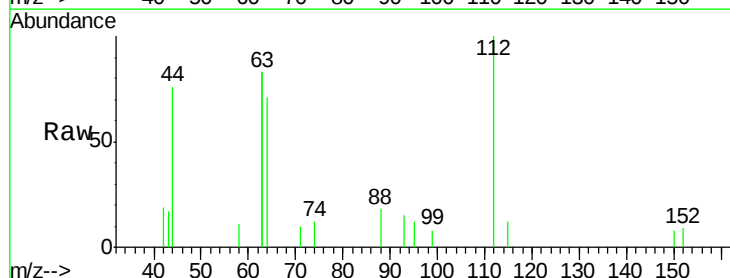
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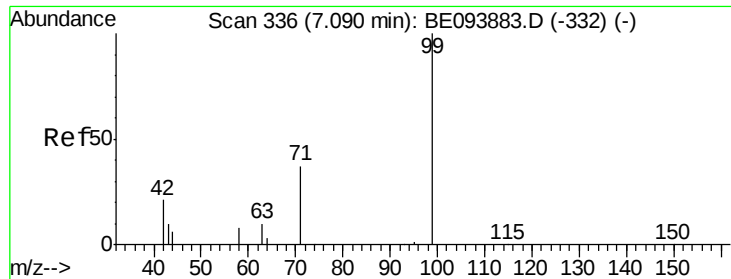


#4

2-Fluorophenol  
 Concen: 0.184 ng  
 RT: 5.51 min Scan# 211  
 Delta R.T. -0.00 min  
 Lab File: BE093882.D  
 Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 73.2  | 57.7  | 86.5  |
| 63      | 151.6 | 116.0 | 174.0 |





#5

Phenol-d6

Concen: 0.195 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

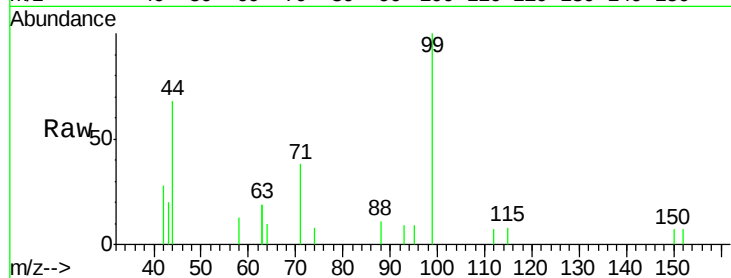
ClientSampleId :

SSTDIC0.2

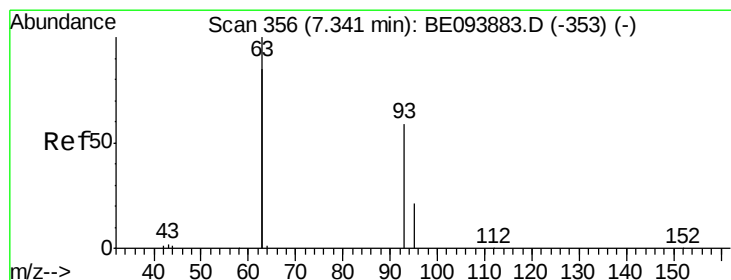
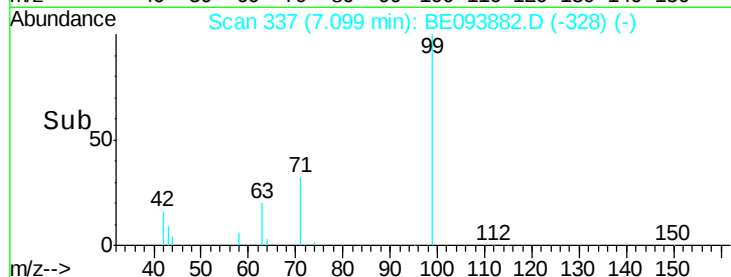
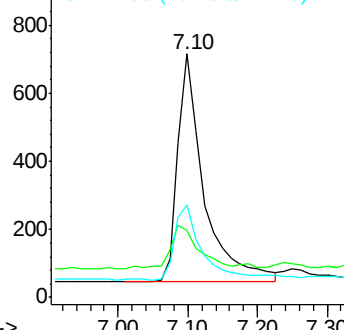
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1768  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.6  | 17.1  | 25.7  |
| 71       | 35.6  | 26.6  | 39.8  |

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Abundance Ion 99.00 (98.70 to 99.70): BE0  
Ion 42.00 (41.70 to 42.70): BE0  
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.187 ng

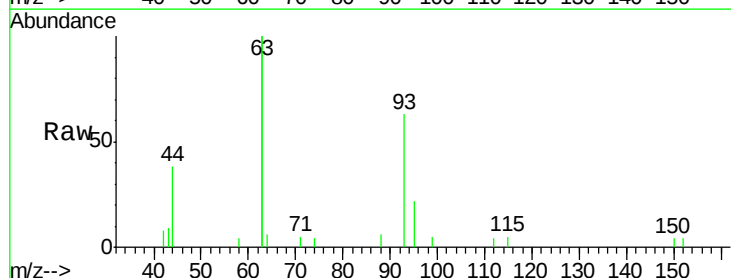
RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

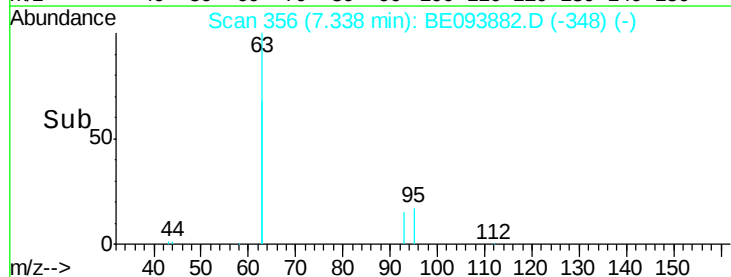
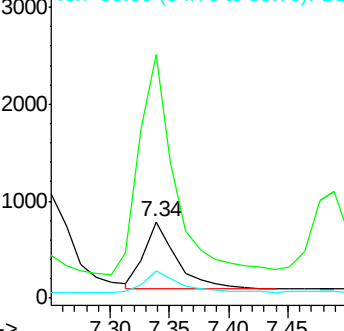
Lab File: BE093882.D

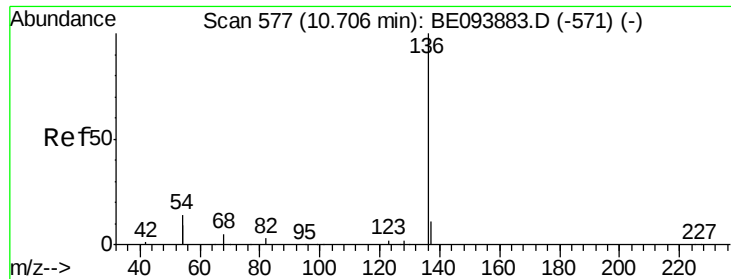
Acq: 26 Aug 2017 9:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1316  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 364.6 | 283.4 | 425.2 |
| 95       | 34.0  | 26.9  | 40.3  |



Abundance Ion 93.00 (92.70 to 93.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0  
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

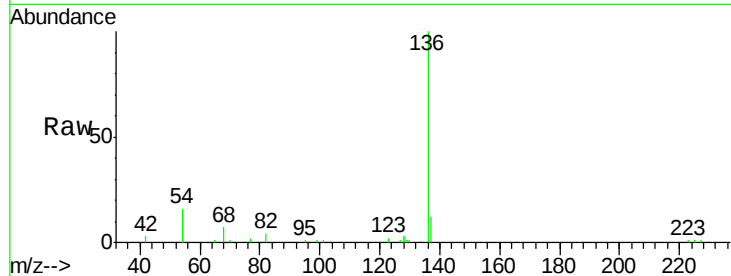
ClientSampleId :

SSTDIC0.2

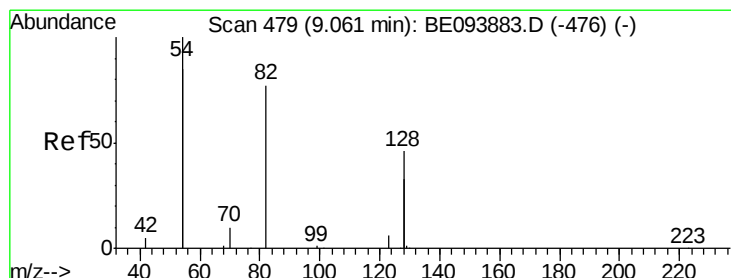
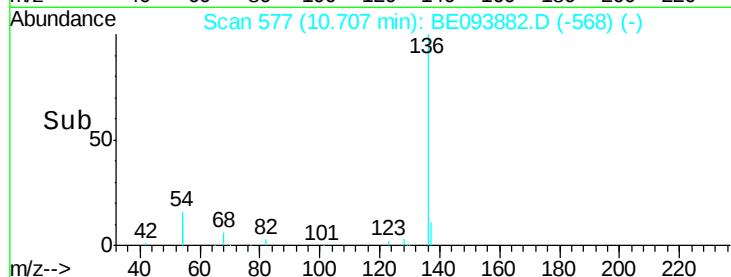
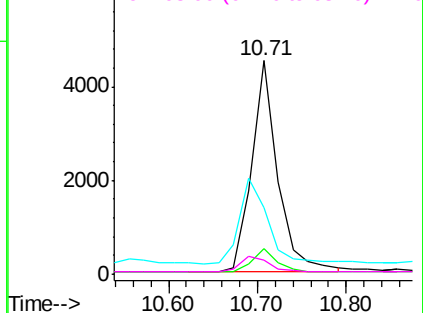
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 9246 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.8  | 9.2   | 13.8 |
| 54        | 31.4  | 21.9  | 32.9 |
| 68        | 6.7   | 4.6   | 7.0  |

Manual Integrations  
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Abundance Ion 136.00 (135.70 to 136.70): BE0  
Ion 137.00 (136.70 to 137.70): BE0  
Ion 54.00 (53.70 to 54.70): BE0  
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.192 ng

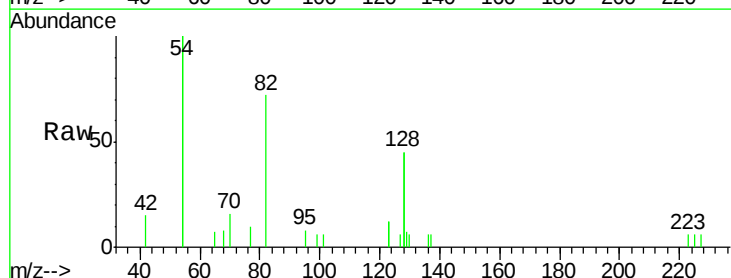
RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

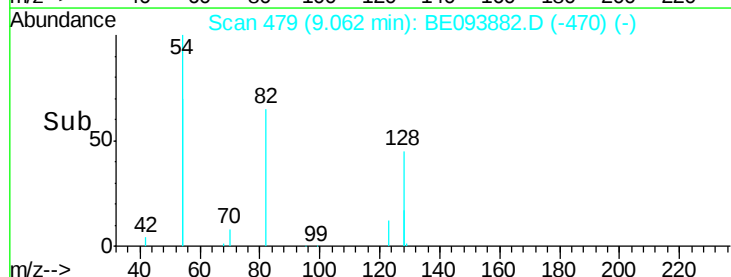
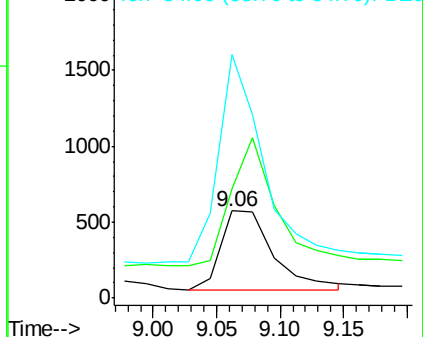
Lab File: BE093882.D

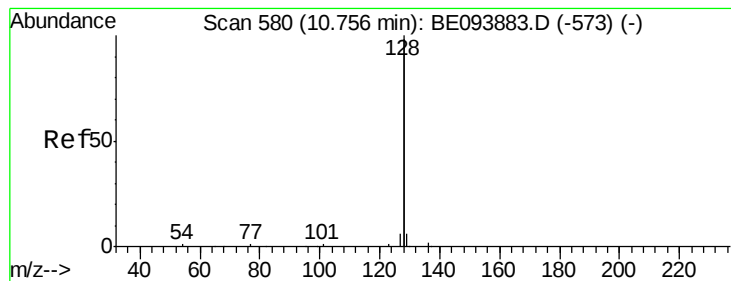
Acq: 26 Aug 2017 9:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 1511  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 125.3 | 91.4  | 137.0 |
| 54        | 278.5 | 197.8 | 296.8 |



Abundance Ion 82.00 (81.70 to 82.70): BE0  
Ion 128.00 (127.70 to 128.70): BE0  
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.207 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

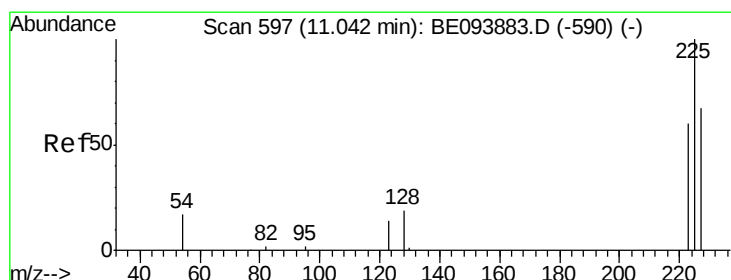
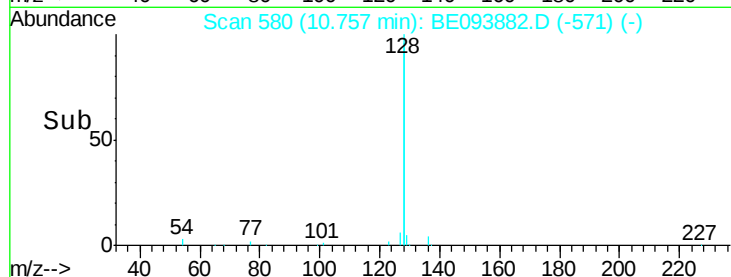
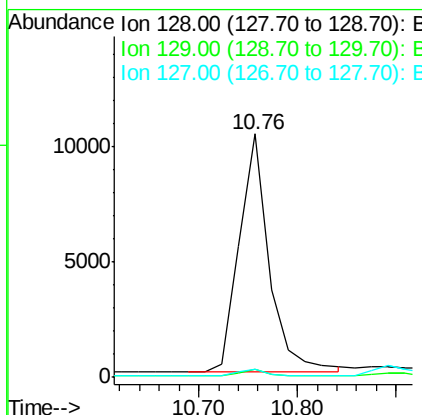
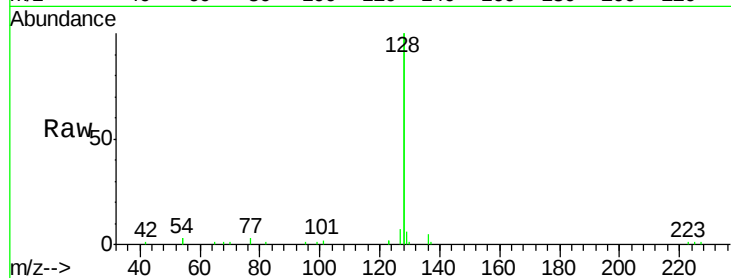
ClientSampled :

SSTDICC0.2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 21943 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 3.2   | 2.5   | 3.7   |
| 127       | 3.5   | 2.6   | 4.0   |

Manual Integrations  
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#10

Hexachlorobutadiene

Concen: 0.197 ng

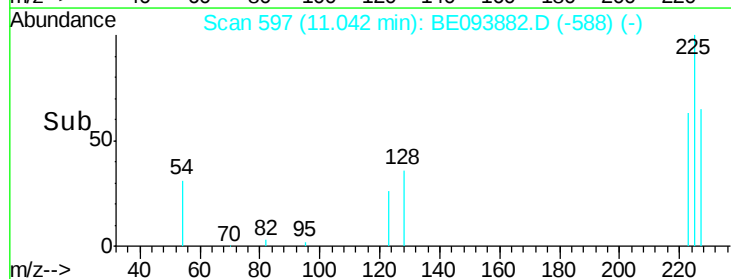
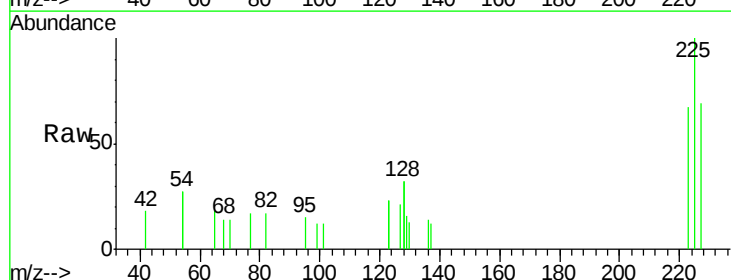
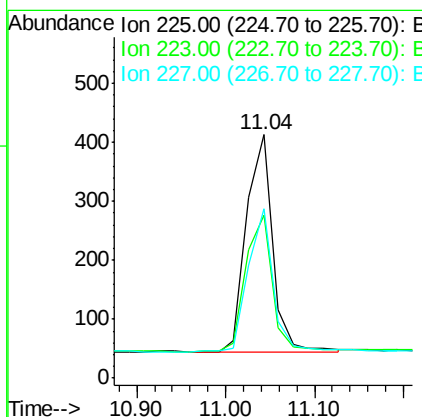
RT: 11.04 min Scan# 597

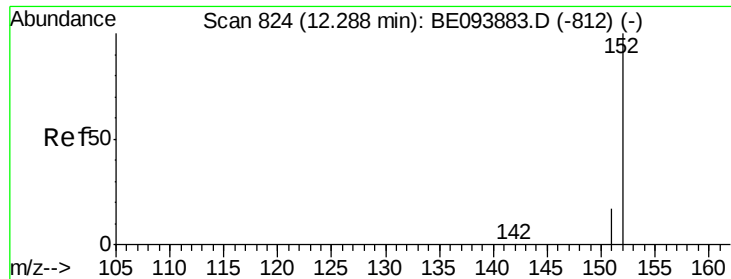
Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 764  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 63.7  | 49.4  | 74.0 |
| 227       | 62.8  | 50.5  | 75.7 |





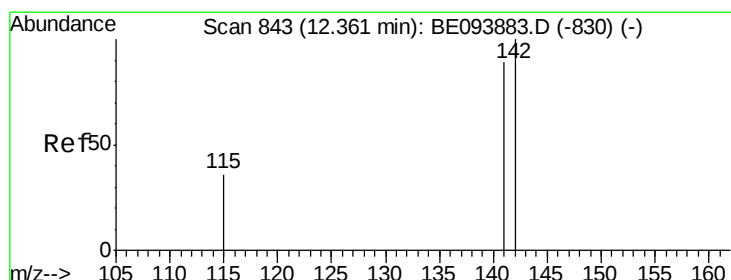
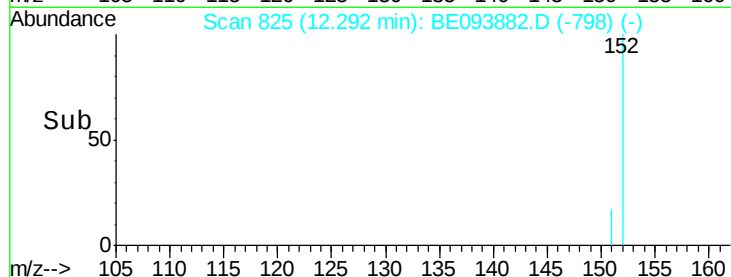
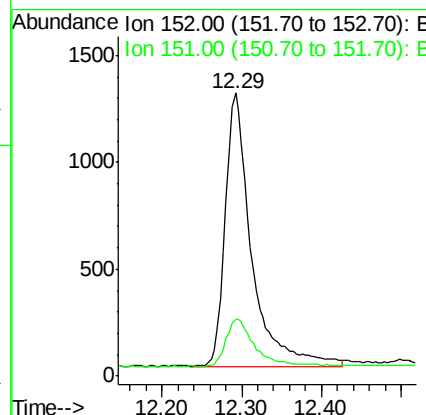
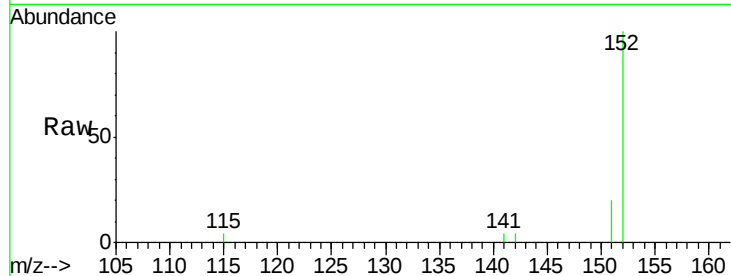
#11  
2-Methylnaphthalene-d10  
Concen: 0.198 ng  
RT: 12.29 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.1  | 15.4  | 23.0  |

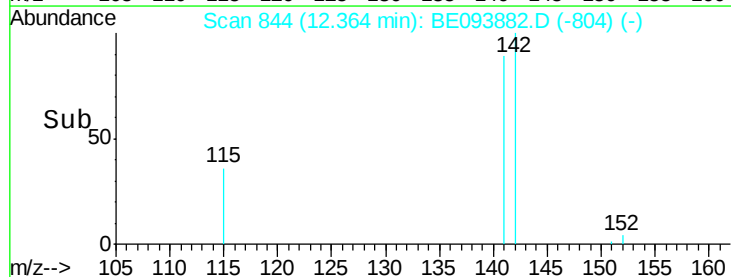
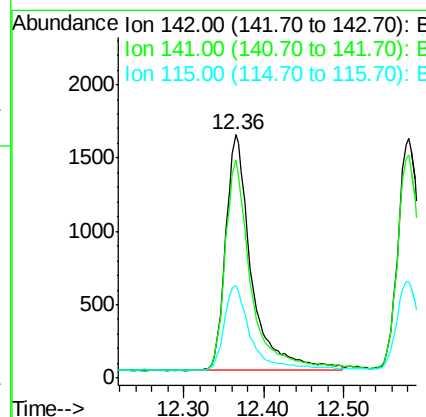
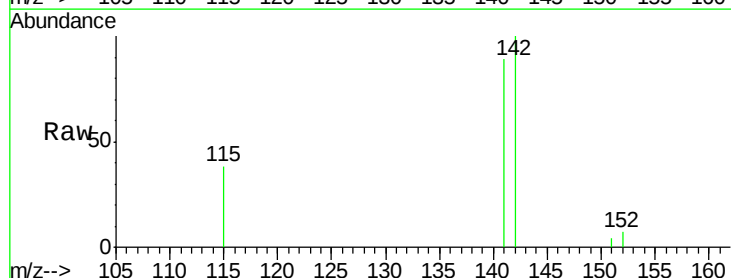
Manual Integrations  
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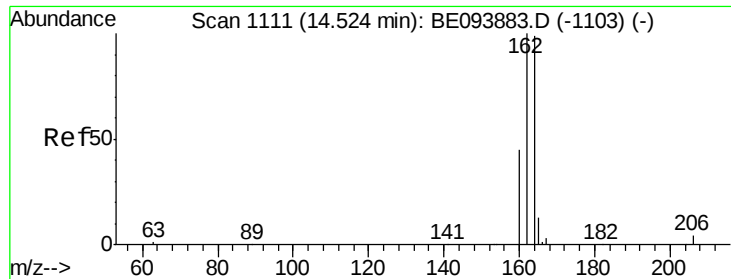
Sohil  
8/28/2017 3:12:27 PM



#12  
2-Methylnaphthalene  
Concen: 0.205 ng  
RT: 12.36 min Scan# 844  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 71.4  | 107.2 |
| 115     | 38.0  | 29.4  | 44.0  |





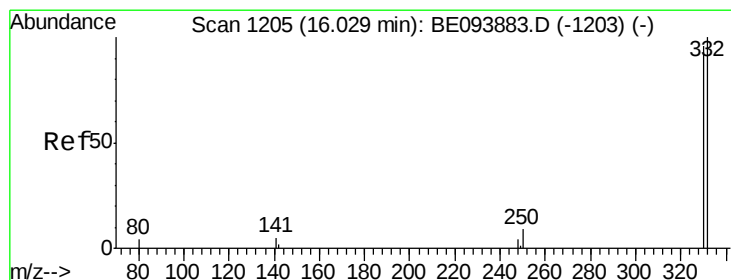
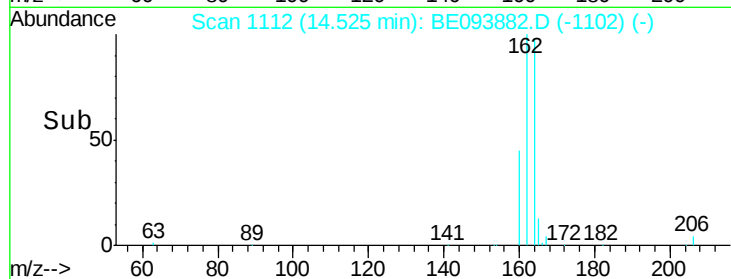
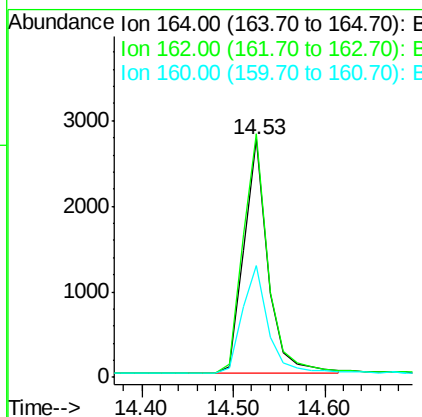
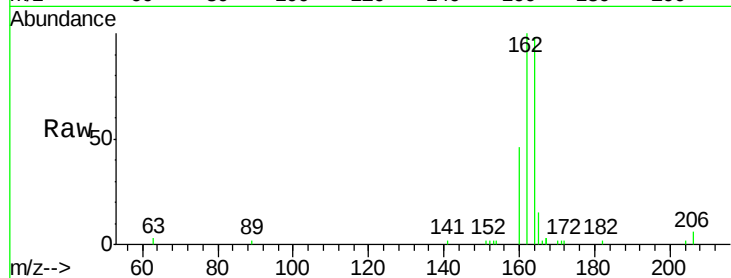
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.53 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 80.8  | 121.2 |
| 160     | 47.1  | 37.0  | 55.4  |

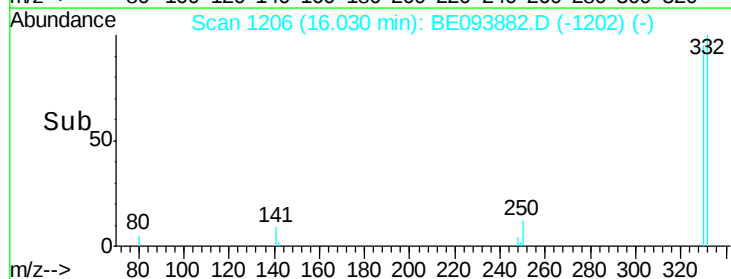
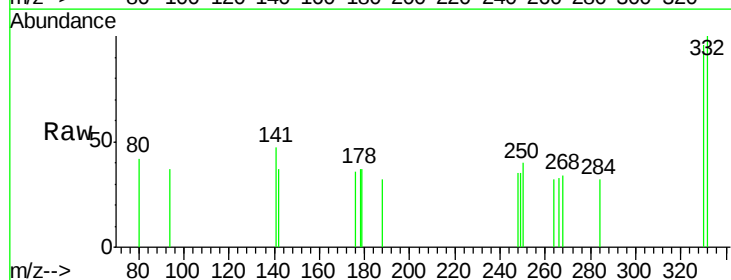
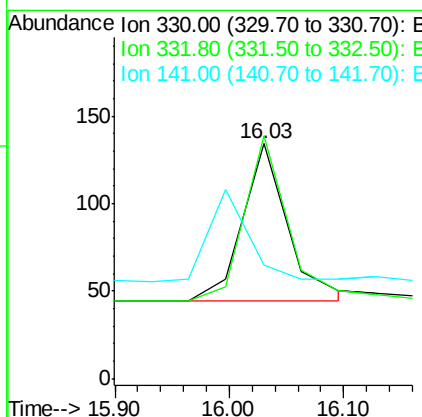
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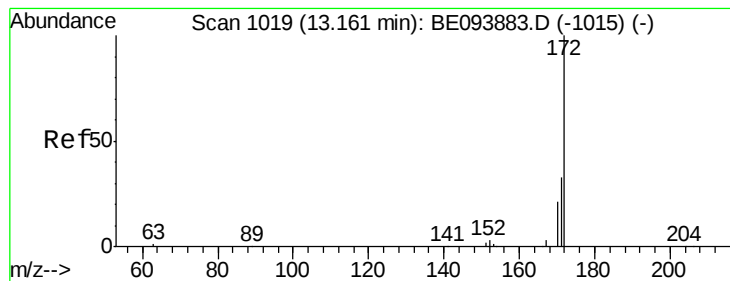
Sohil  
8/28/2017 3:12:27 PM



#14  
2,4,6-Tribromophenol  
Concen: 0.180 ng  
RT: 16.03 min Scan# 1206  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 100.8 | 76.9  | 115.3 |
| 141     | 0.0   | 0.0   | 0.0   |





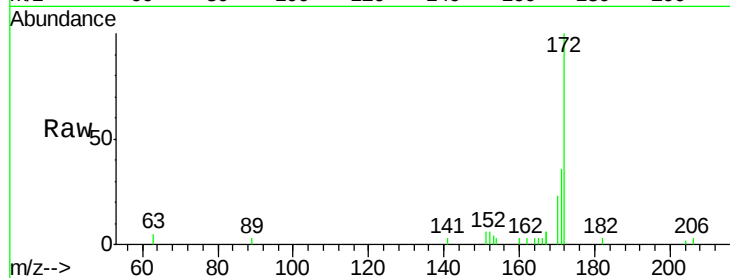
#15  
2-Fluorobiphenyl  
Concen: 0.207 ng  
RT: 13.16 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 26.9  | 40.3  |
| 170     | 23.4  | 17.3  | 25.9  |

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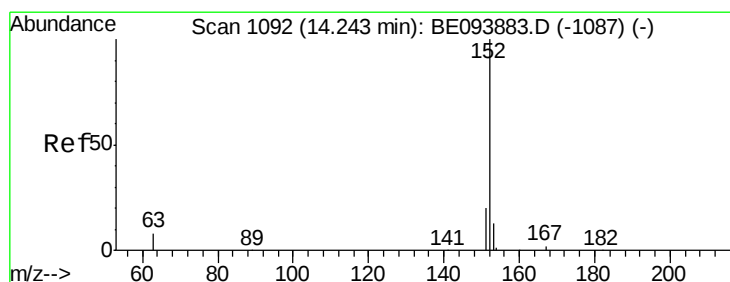
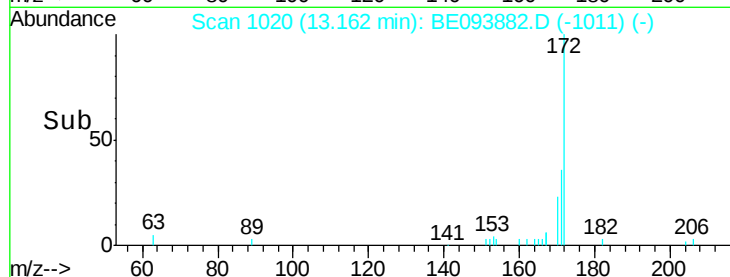
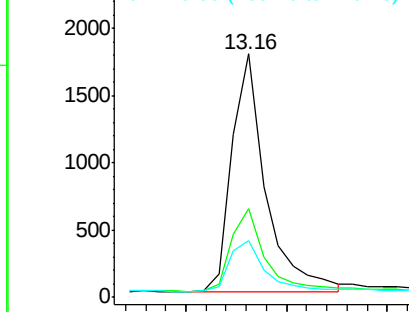


Abundance

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: 0.194 ng  
RT: 14.24 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

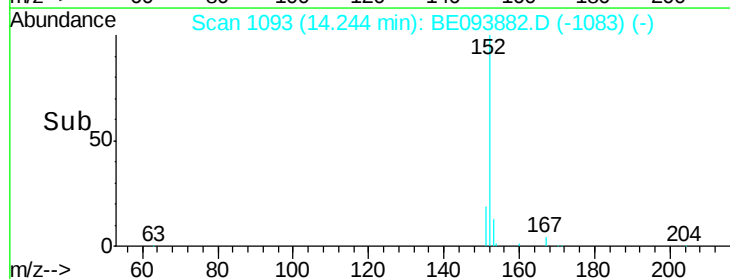
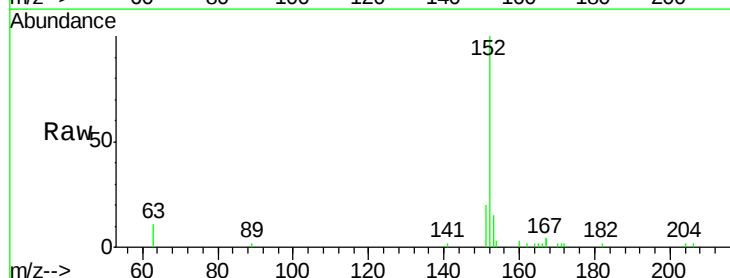
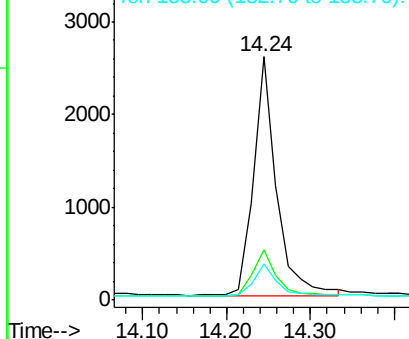
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 15.7  | 23.5  |
| 153     | 13.1  | 10.6  | 16.0  |

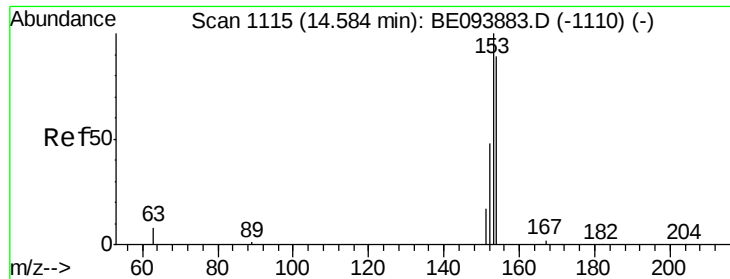
Abundance

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





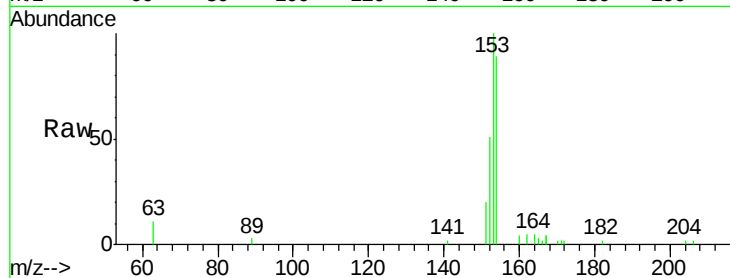
#17  
Acenaphthene  
Concen: 0.201 ng  
RT: 14.58 min Scan# 1116  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.2

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   | 3425 |       |       |
| 153     | 116.0 | 91.8 | 137.6 |       |
| 152     | 56.5  | 44.9 | 67.3  |       |

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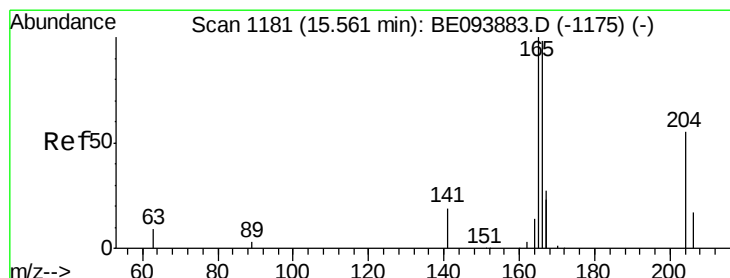
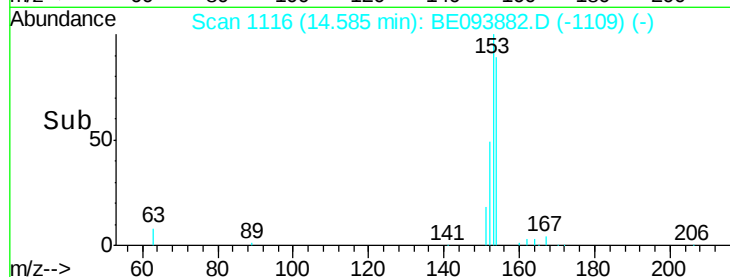
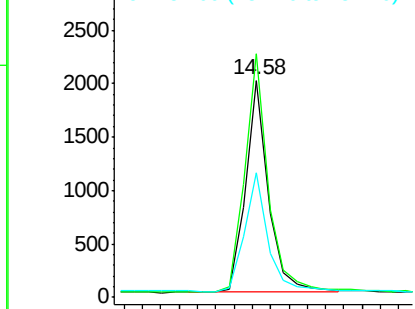


Abundance

Ion 154.00 (153.70 to 154.70): E

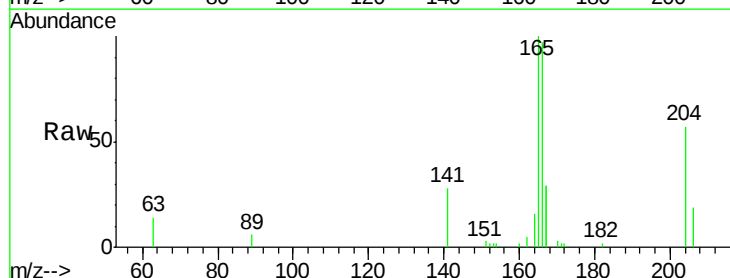
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18  
Fluorene  
Concen: 0.204 ng  
RT: 15.56 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   | 4481 |       |       |
| 165     | 99.4  | 79.4 | 119.0 |       |
| 167     | 54.7  | 43.5 | 65.3  |       |

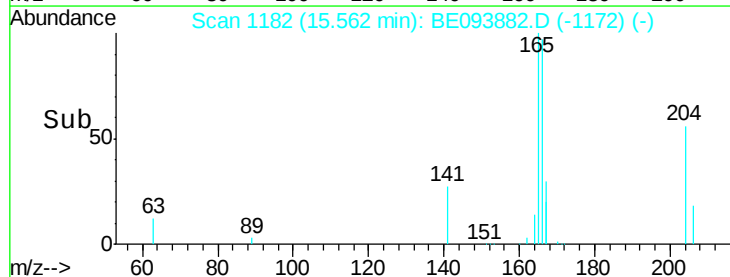
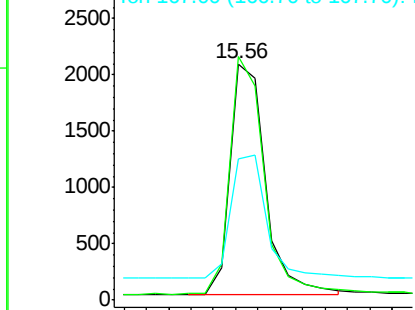


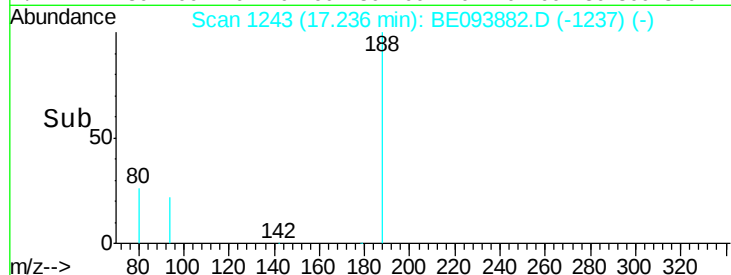
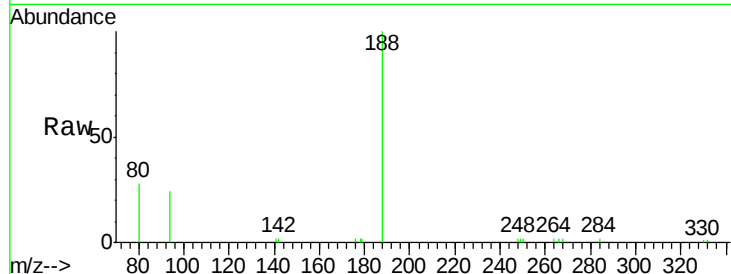
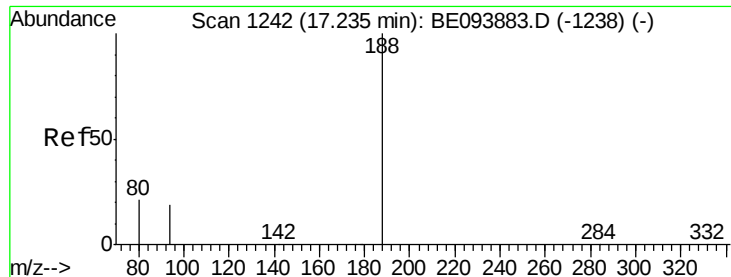
Abundance

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





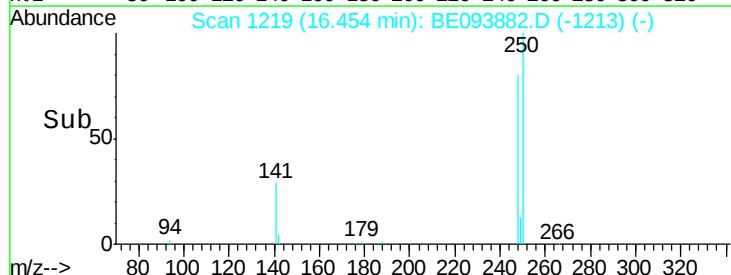
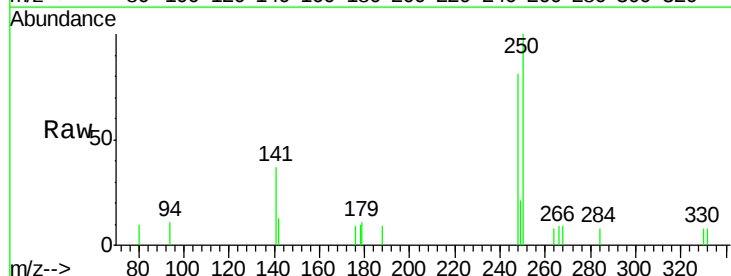
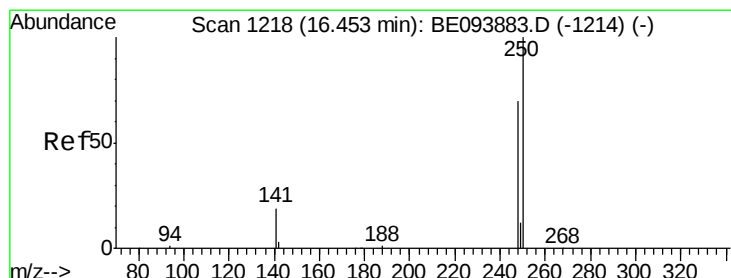
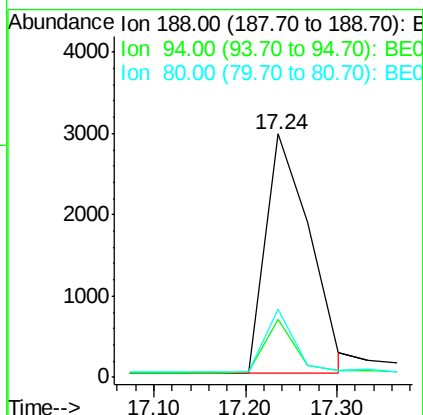
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.24 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 23.9  | 16.1       | 24.1       |
| 80      | 27.8  | 18.2       | 27.2#      |

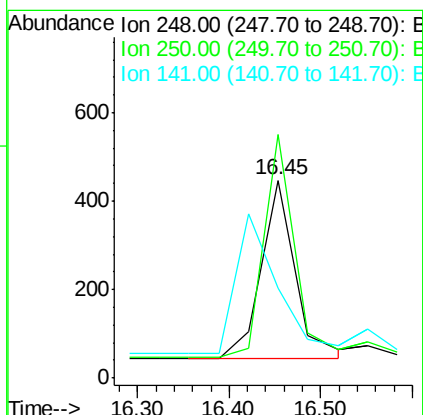
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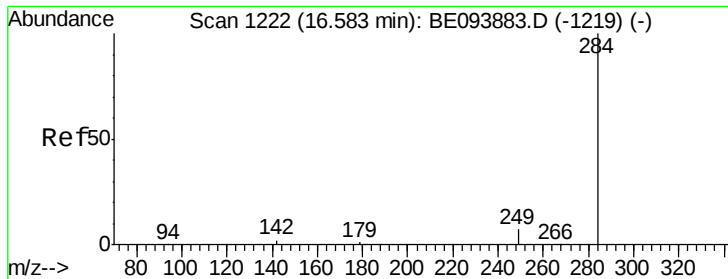
Sohil  
8/28/2017 3:12:27 PM



#20  
4-Bromophenyl-phenylether  
Concen: 0.342 ng  
RT: 16.45 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 248     | 100   |            |            |
| 250     | 123.0 | 111.8      | 167.8      |
| 141     | 45.1  | 27.1       | 40.7#      |





#21

Hexachlorobenzene

Concen: 0.287 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

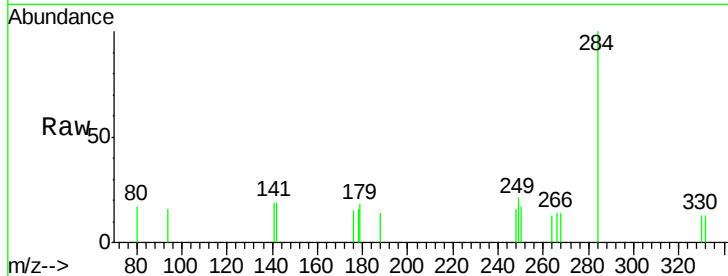
ClientSampled :

SSTDIC0.2

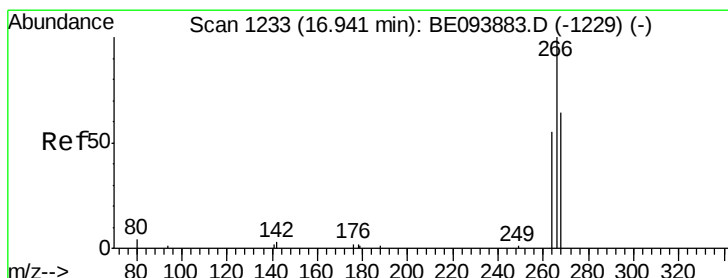
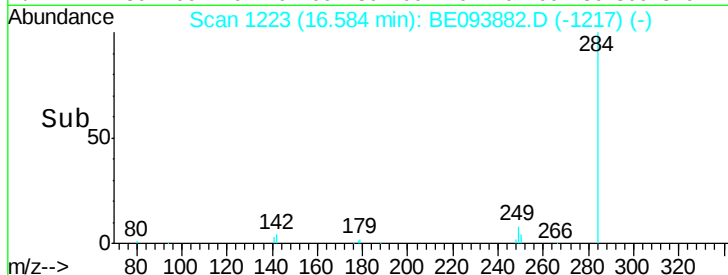
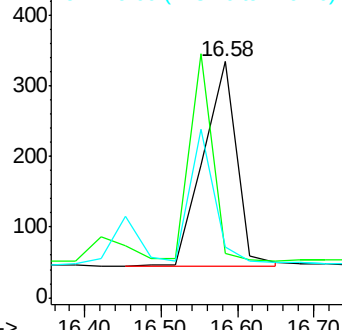
|           |       |       |     |
|-----------|-------|-------|-----|
| Tgt Ion:  | 284   | Resp: | 890 |
| Ion Ratio | Lower | Upper |     |
| 284       | 100   |       |     |
| 142       | 0.0   | 0.0   | 0.0 |
| 249       | 0.0   | 0.0   | 0.0 |

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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.147 ng

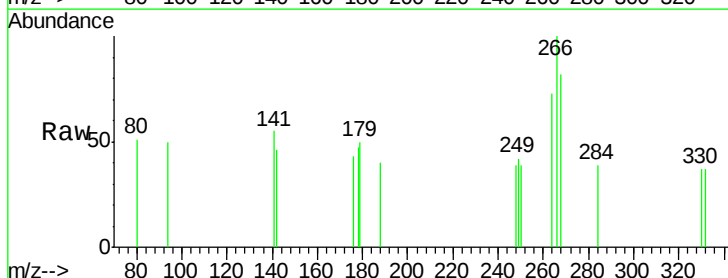
RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

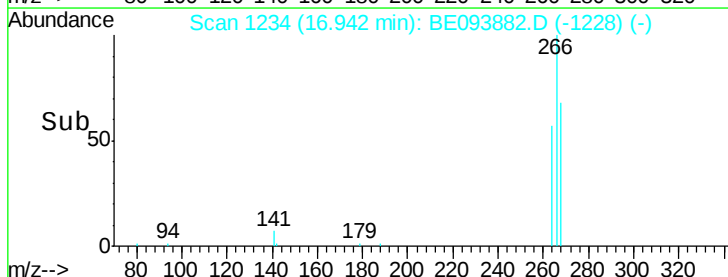
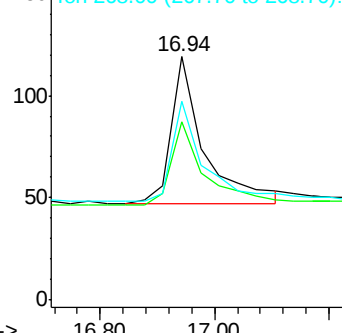
Lab File: BE093882.D

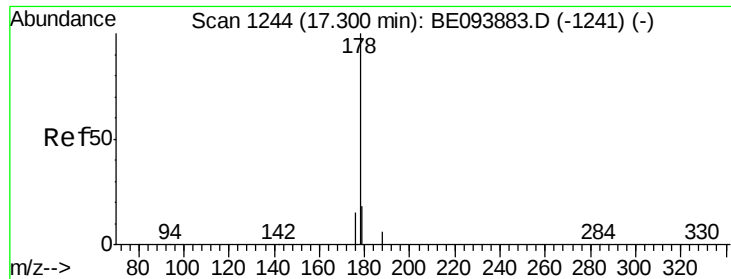
Acq: 26 Aug 2017 9:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 287  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 73.1  | 53.5  | 80.3 |
| 268       | 81.5  | 60.0  | 90.0 |



Abundance Ion 266.00 (265.70 to 266.70): E  
Ion 264.00 (263.70 to 264.70): E  
Ion 268.00 (267.70 to 268.70): E





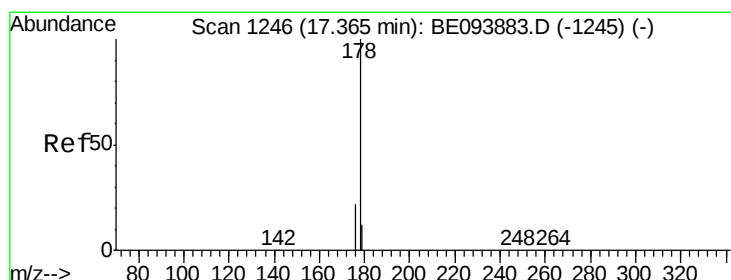
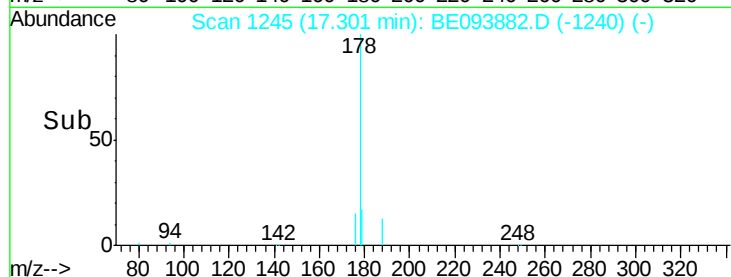
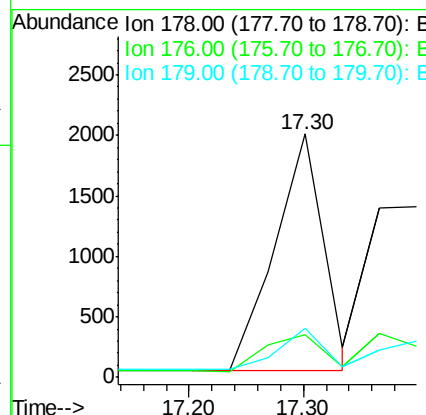
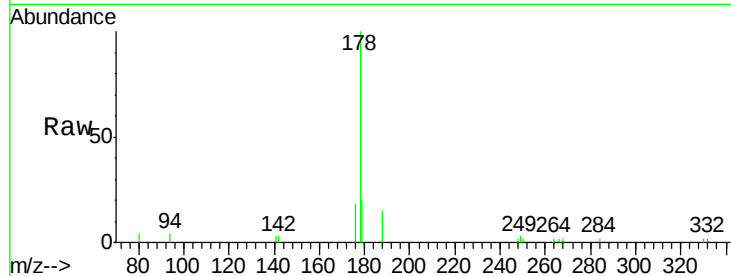
#23  
Phenanthrene  
Concen: 0.266 ng  
RT: 17.30 min Scan# 1245  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampled :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 0.0   | 0.0#  |
| 179     | 15.8  | 12.6  | 18.8  |

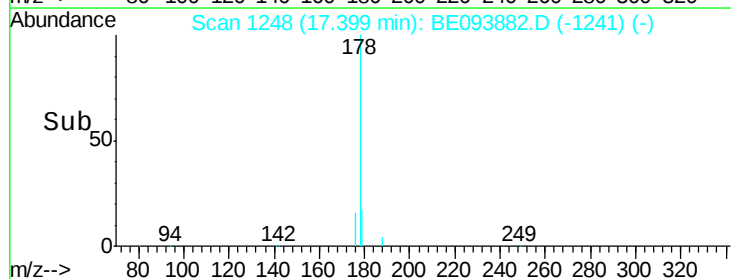
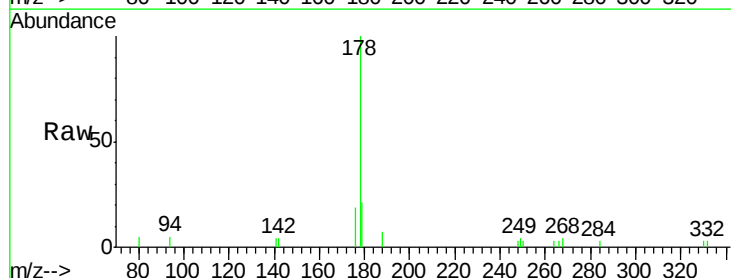
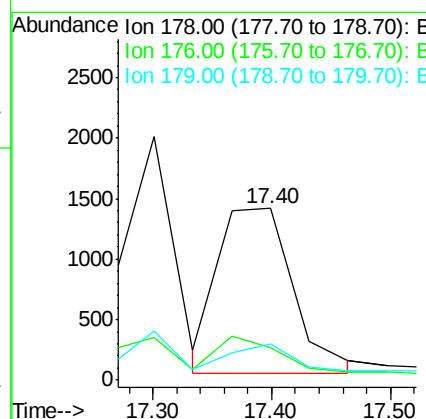
Manual Integrations  
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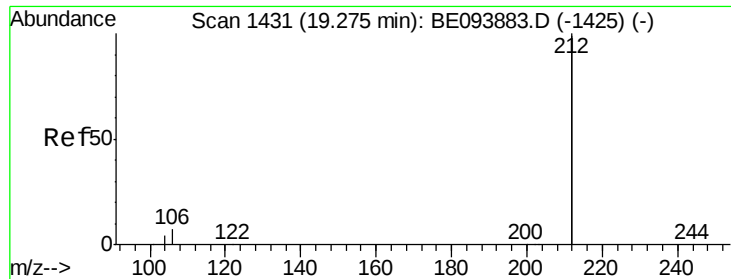
Sohil  
8/28/2017 3:12:27 PM



#24  
Anthracene  
Concen: 0.194 ng m  
RT: 17.40 min Scan# 1248  
Delta R.T. 0.03 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 16.0  | 24.0  |
| 179     | 14.9  | 0.0   | 0.0#  |





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

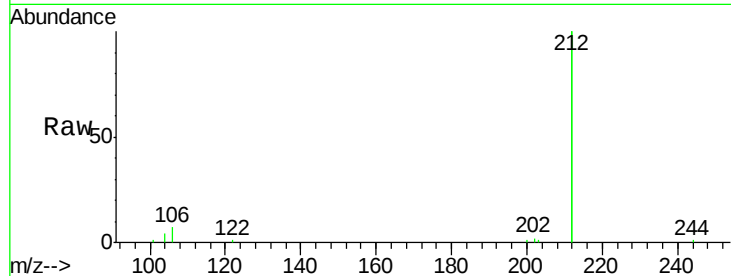
ClientSampleId :

SSTDICC0.2

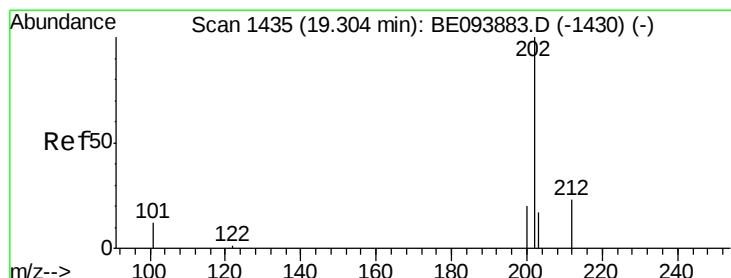
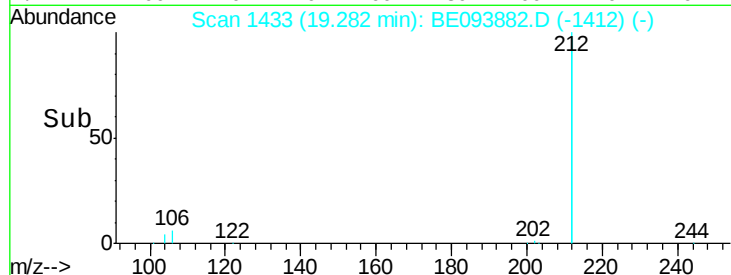
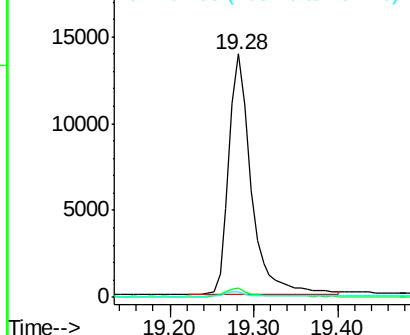
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 25505 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 3.5   | 2.7   | 4.1   |
| 104       | 2.0   | 1.6   | 2.4   |

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



#26

Fluoranthene

Concen: 0.230 ng

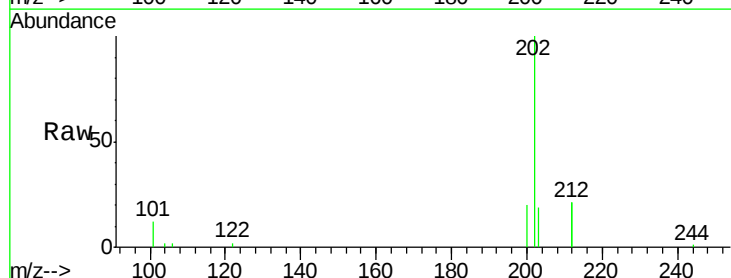
RT: 19.31 min Scan# 1437

Delta R.T. 0.01 min

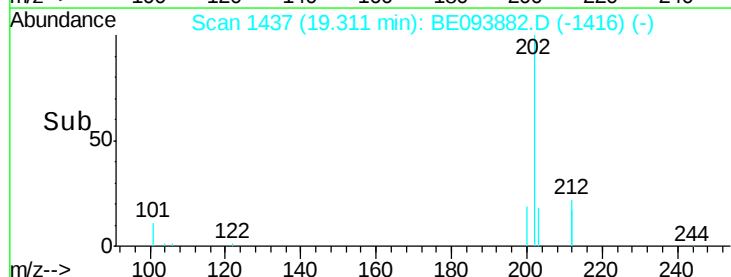
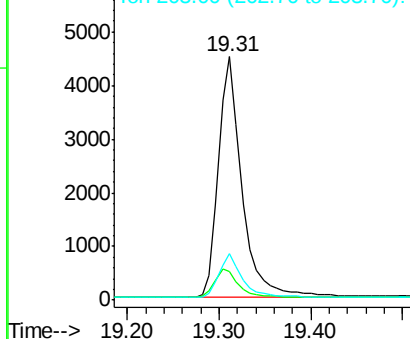
Lab File: BE093882.D

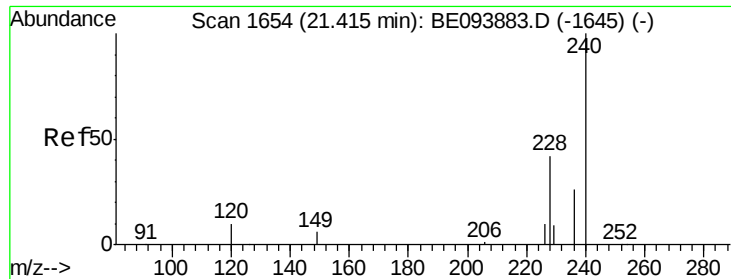
Acq: 26 Aug 2017 9:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 7965 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 12.4  | 9.7   | 14.5 |
| 203       | 17.0  | 13.7  | 20.5 |



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





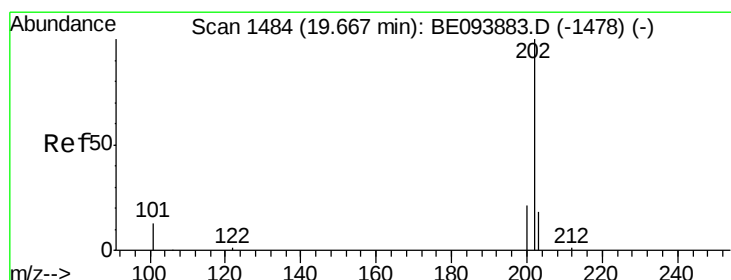
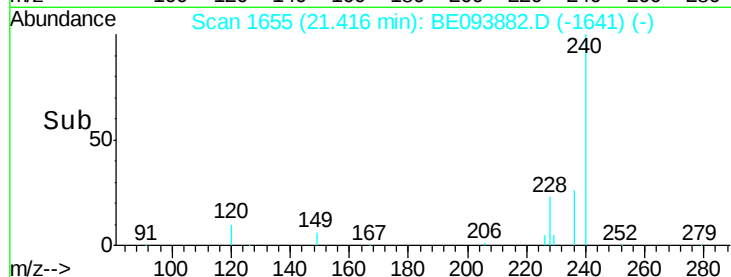
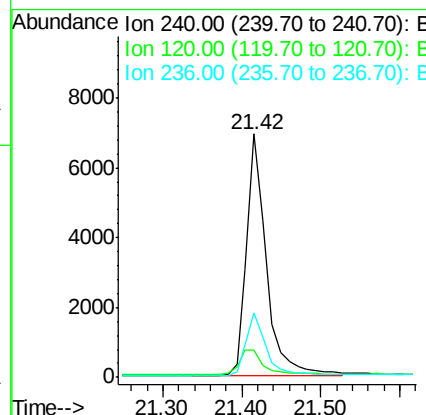
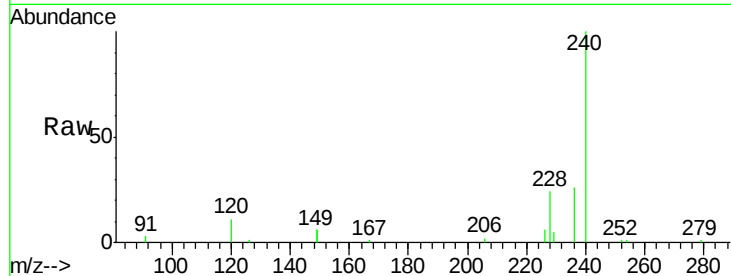
#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.42 min Scan# 1655  
 Delta R.T. 0.00 min  
 Lab File: BE093882.D  
 Acq: 26 Aug 2017 9:46

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 8.7   | 13.1  |
| 236     | 26.4  | 21.3  | 31.9  |

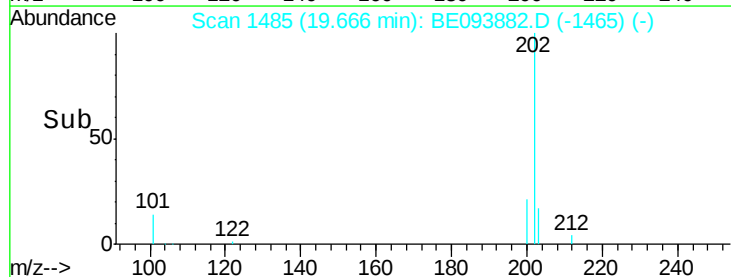
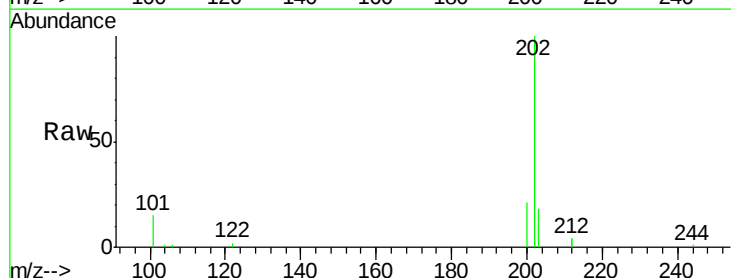
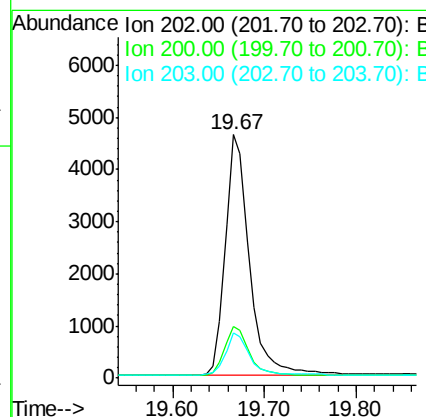
Manual Integrations  
 APPROVED

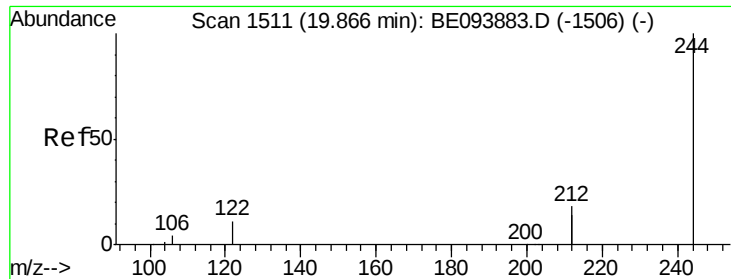
Sohil  
 8/28/2017 3:12:27 PM



#28  
 Pyrene  
 Concen: 0.213 ng  
 RT: 19.67 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: BE093882.D  
 Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.9  | 16.6  | 24.8  |
| 203     | 17.2  | 14.2  | 21.4  |





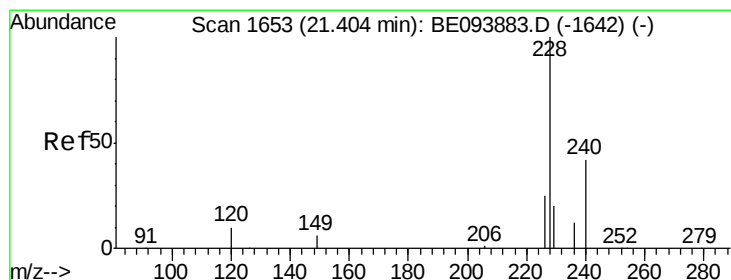
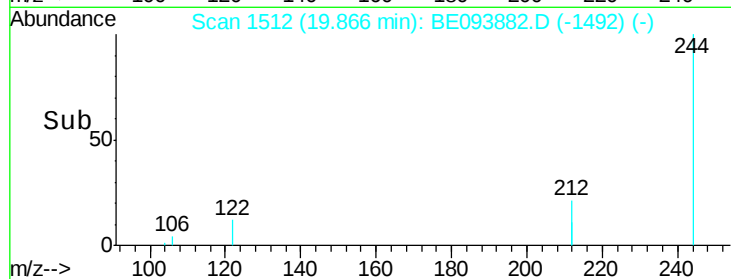
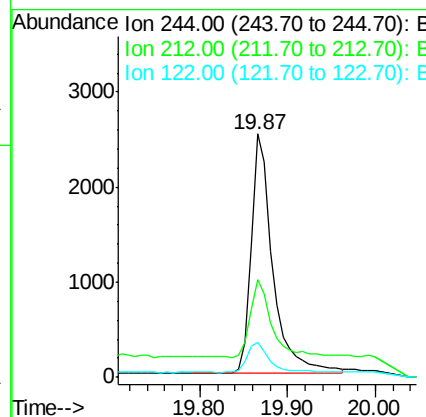
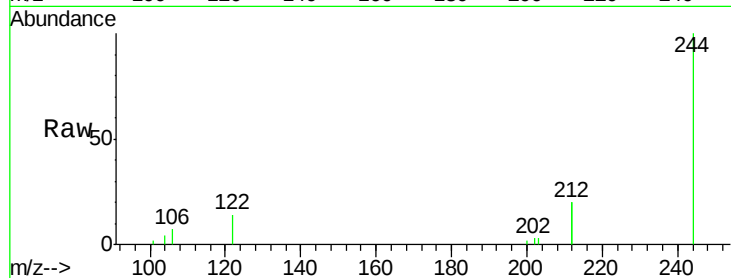
#29  
 Terphenyl-d14  
 Concen: 0.203 ng  
 RT: 19.87 min Scan# 1512  
 Delta R.T. -0.00 min  
 Lab File: BE093882.D  
 Acq: 26 Aug 2017 9:46

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 40.3  | 28.3       | 42.5       |
| 122     | 14.2  | 9.4        | 14.0       |

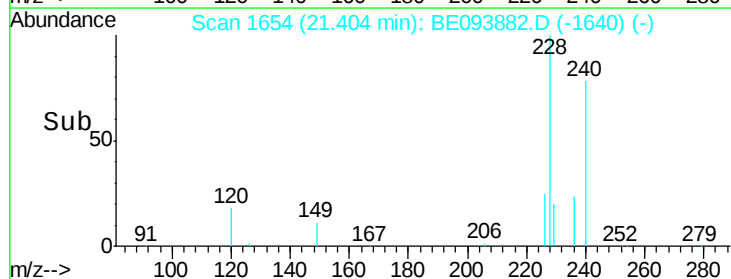
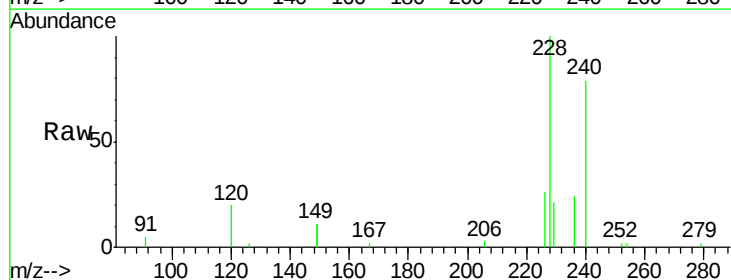
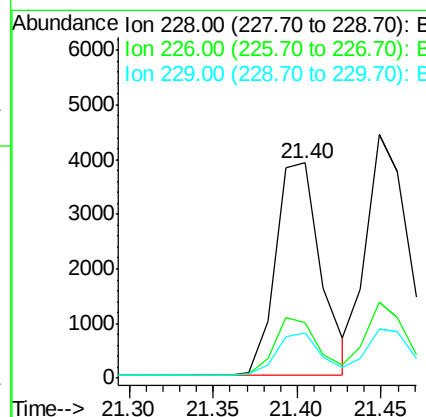
Manual Integrations  
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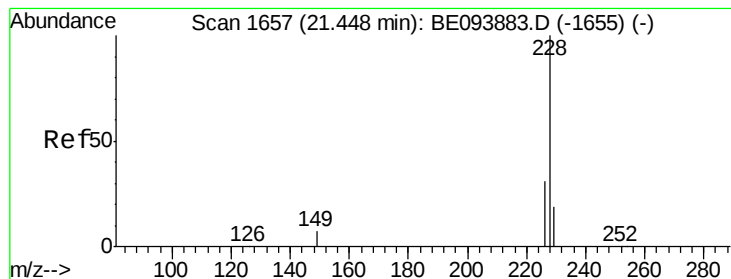
Sohil  
 8/28/2017 3:12:27 PM



#30  
 Benzo(a)anthracene  
 Concen: 0.195 ng  
 RT: 21.40 min Scan# 1654  
 Delta R.T. 0.00 min  
 Lab File: BE093882.D  
 Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 25.8  | 20.8       | 31.2       |
| 229     | 20.9  | 16.6       | 25.0       |





#31

Chrysene

Concen: 0.215 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

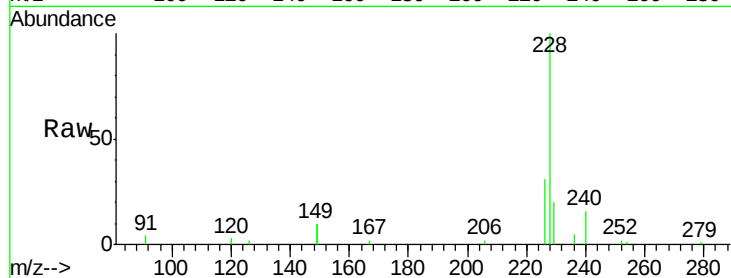
ClientSampleId :

SSTDICC0.2

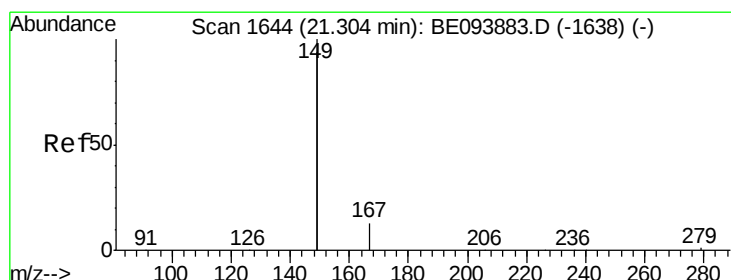
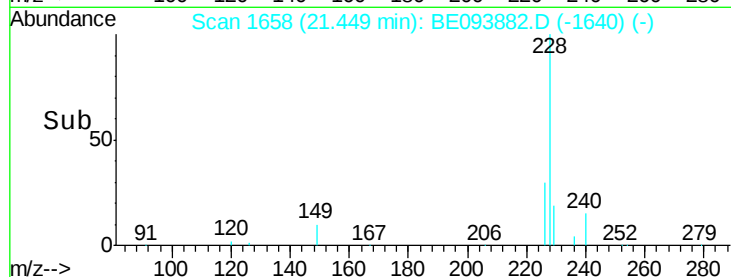
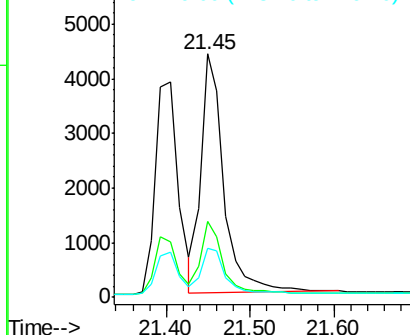
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 8384 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 31.0  | 24.6  | 37.0 |
| 229       | 20.3  | 15.8  | 23.8 |

Manual Integrations  
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.193 ng

RT: 21.30 min Scan# 1645

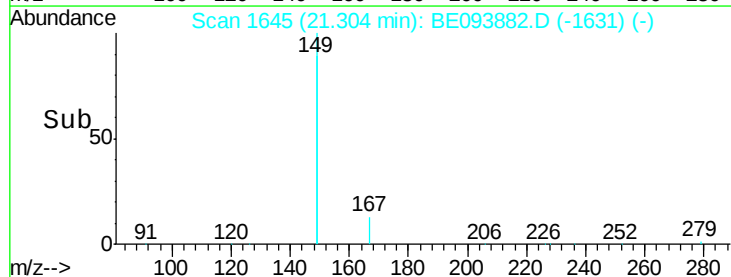
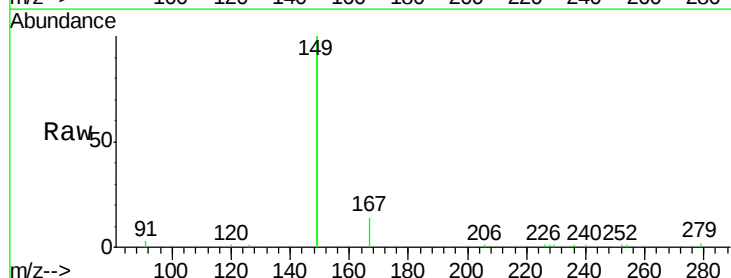
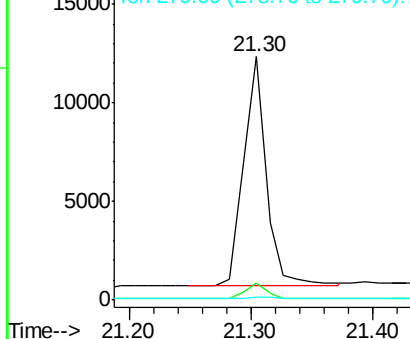
Delta R.T. 0.00 min

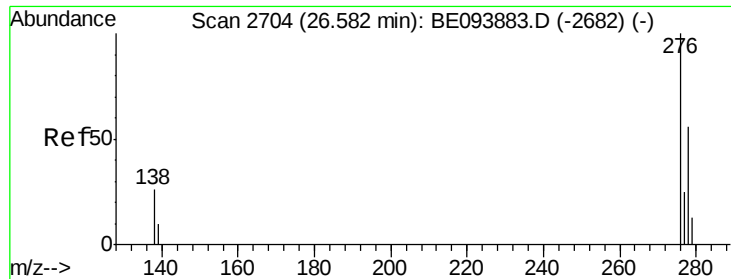
Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 15294 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 6.8   | 5.4   | 8.0   |
| 279       | 0.9   | 0.7   | 1.1   |

Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





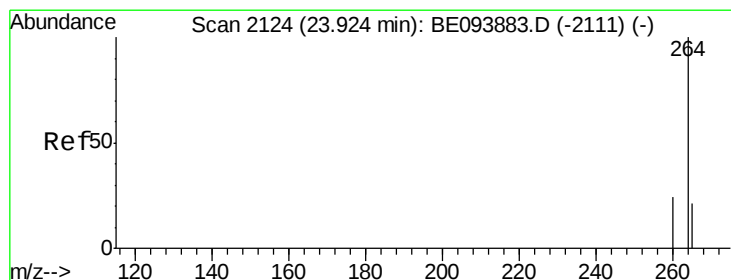
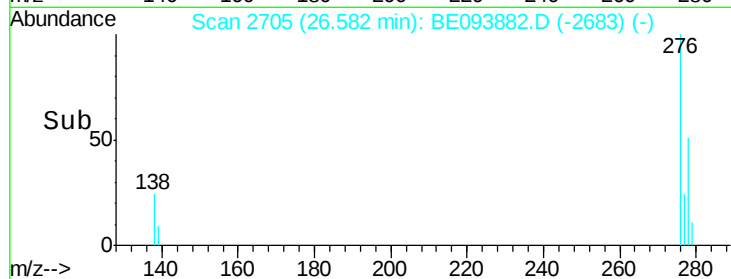
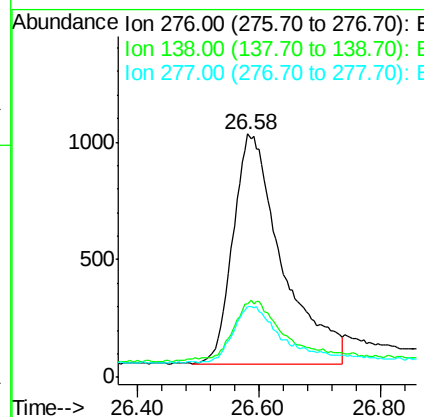
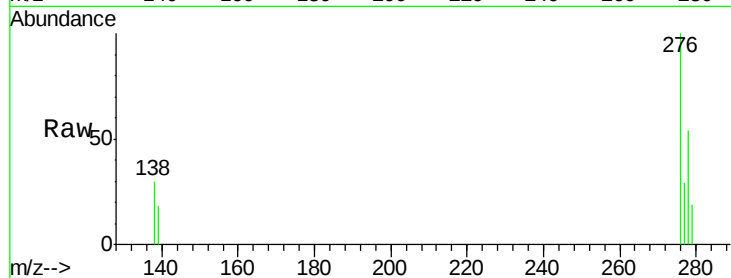
#33  
Indeno(1,2,3-cd)pyrene  
Concen: 0.154 ng  
RT: 26.58 min Scan# 2705  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampled :  
SSTDICC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.0  | 22.2  | 33.2  |
| 277     | 23.0  | 19.5  | 29.3  |

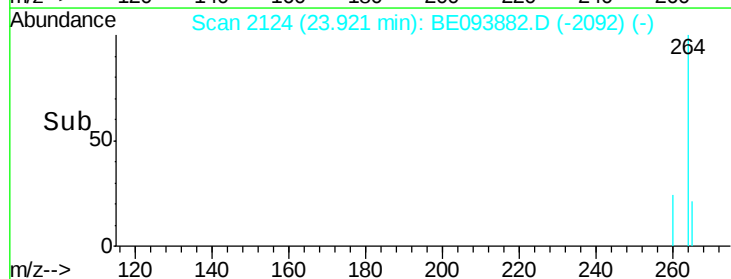
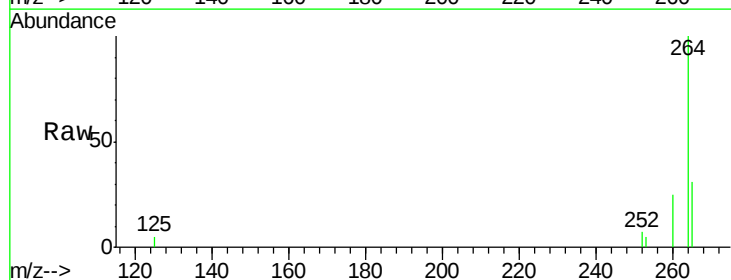
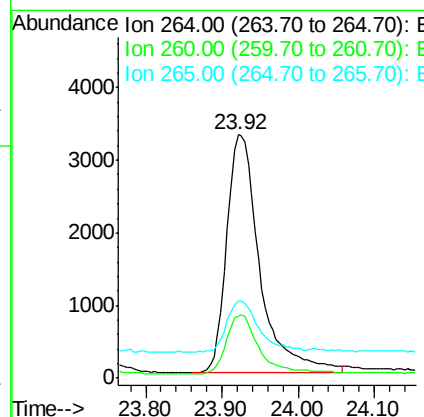
Manual Integrations  
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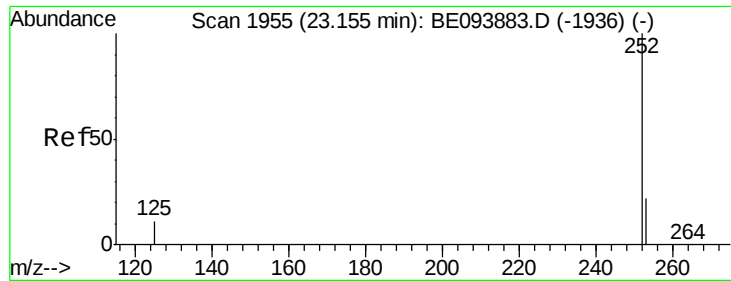
Sohil  
8/28/2017 3:12:27 PM



#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.92 min Scan# 2124  
Delta R.T. -0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.4  | 20.0  | 30.0  |
| 265     | 31.5  | 24.0  | 36.0  |





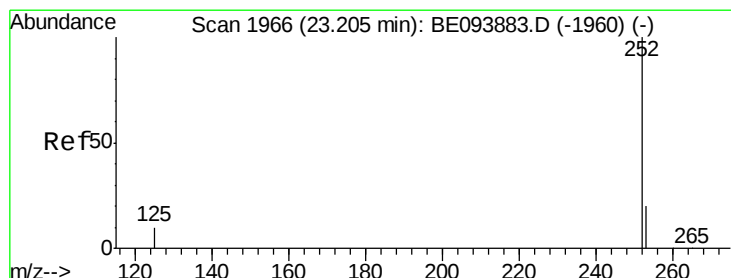
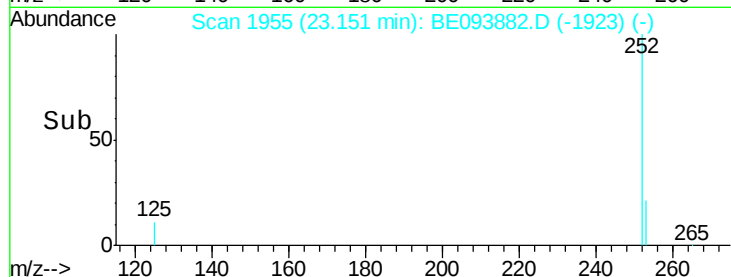
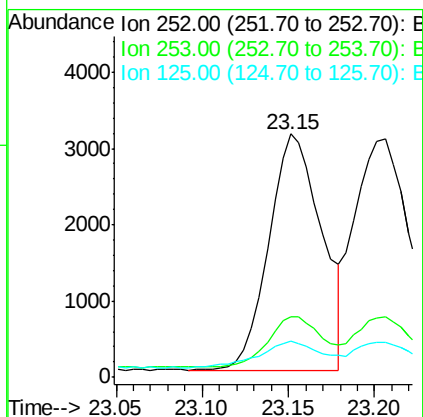
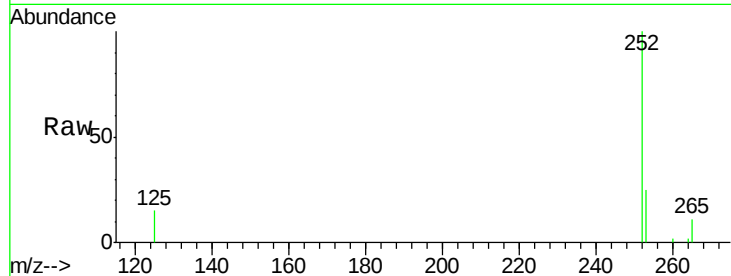
#35  
Benzo(b)fluoranthene  
Concen: 0.195 ng  
RT: 23.15 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.1  | 19.4  | 29.0  |
| 125     | 14.7  | 10.0  | 15.0  |

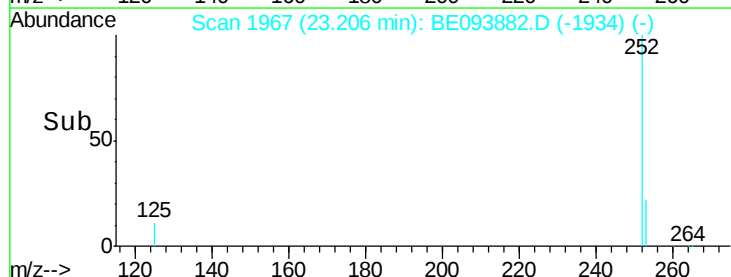
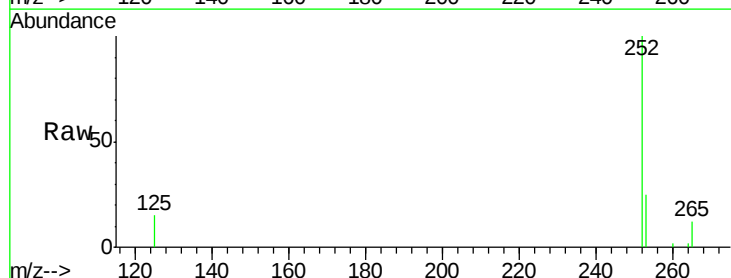
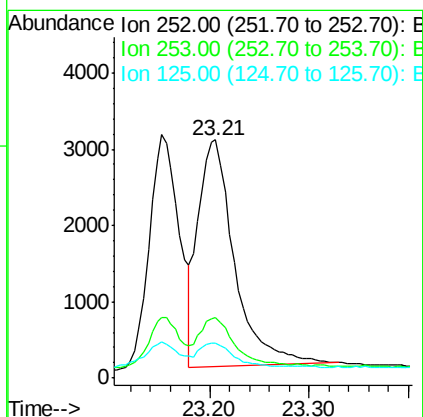
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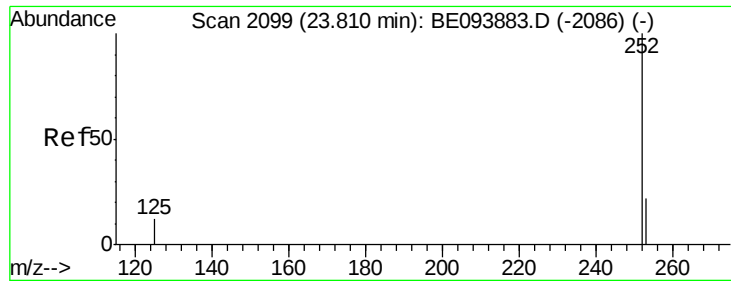
Sohil  
8/28/2017 3:12:27 PM



#36  
Benzo(k)fluoranthene  
Concen: 0.213 ng  
RT: 23.21 min Scan# 1967  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.5  | 18.1  | 27.1  |
| 125     | 14.6  | 9.8   | 14.6  |





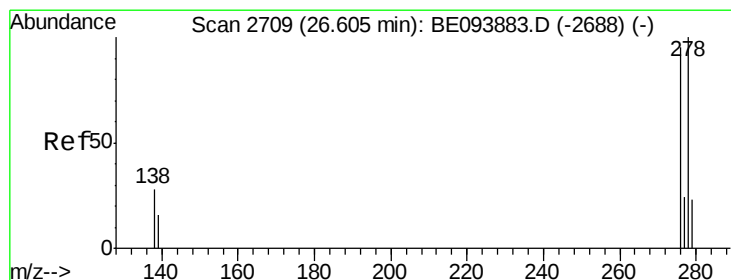
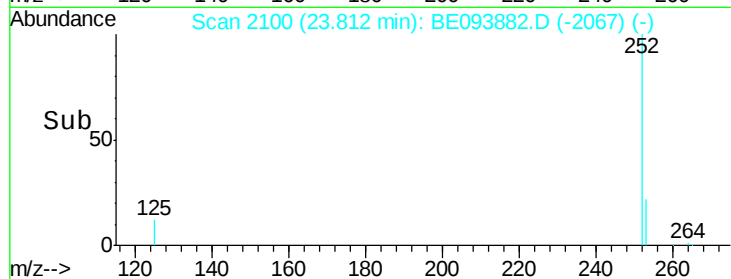
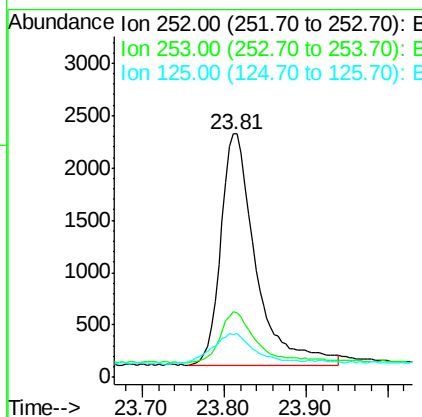
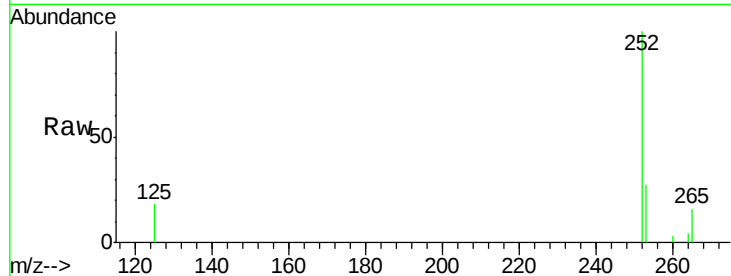
#37  
Benzo(a)pyrene  
Concen: 0.202 ng  
RT: 23.81 min Scan# 2100  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 27.2  | 19.6  | 29.4  |
| 125     | 17.6  | 11.8  | 17.8  |

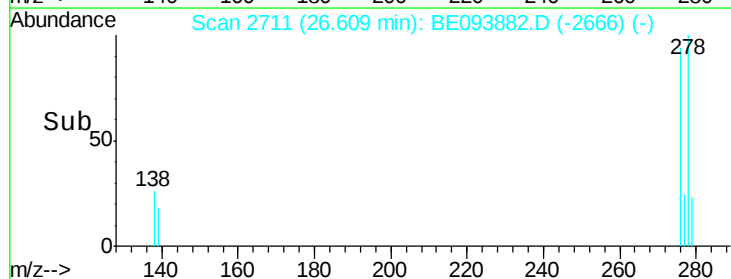
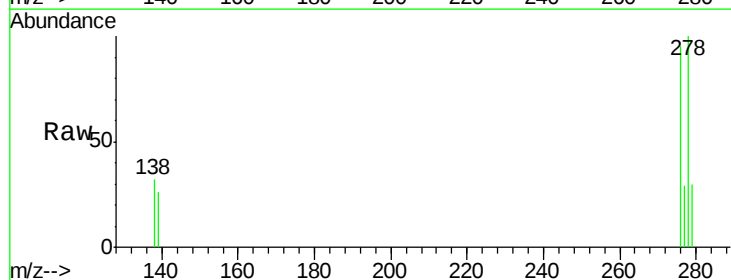
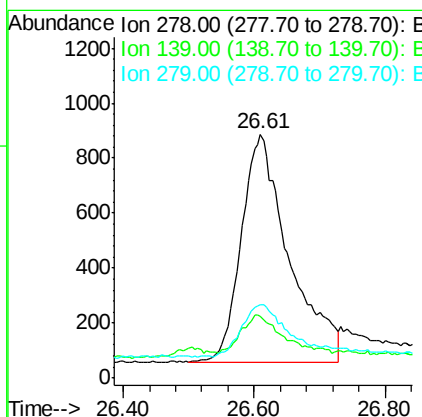
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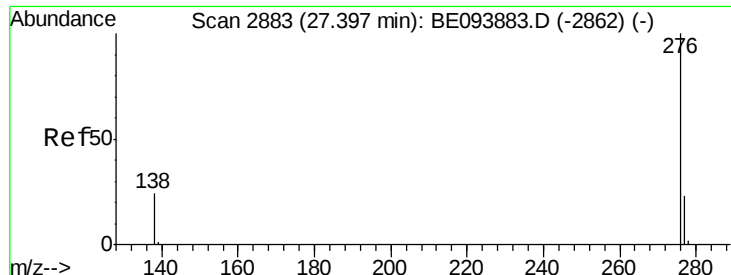
Sohil  
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#38  
Dibenzo(a,h)anthracene  
Concen: 0.143 ng  
RT: 26.61 min Scan# 2711  
Delta R.T. 0.00 min  
Lab File: BE093882.D  
Acq: 26 Aug 2017 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 25.5  | 16.7  | 25.1# |
| 279     | 30.0  | 21.6  | 32.4  |





#39

Benzo(g,h,i)perylene

Concen: 0.174 ng

RT: 27.40 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BE093882.D

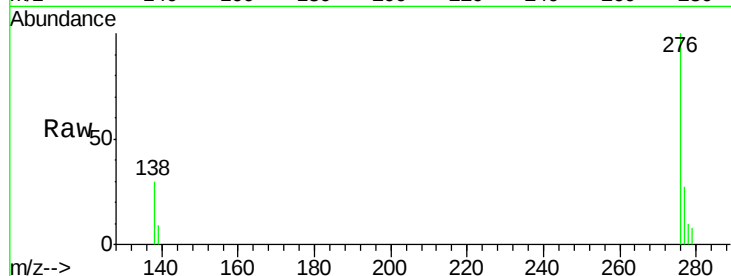
Acq: 26 Aug 2017 9:46

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2



|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:276 | Resp: | 5164  |
| Ion | Ratio   | Lower | Upper |
| 276 | 100     |       |       |
| 277 | 27.2    | 20.6  | 30.8  |
| 138 | 29.6    | 21.9  | 32.9  |

Manual Integrations  
APPROVED

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8/28/2017 3:12:27 PM

