

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070116\  
 Data File : BF088573.D  
 Acq On : 1 Jul 2016 14:22  
 Operator : UM/SJ  
 Sample : H3808-10 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Manual Integrations  
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 7/5/2016 7:30:58 PM

Quant Time: Jul 01 17:54:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 30 18:01:55 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.81  | 152  | 145465   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.09  | 136  | 539394   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10           | 9.84  | 164  | 224990   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.33 | 188  | 395316   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12               | 13.95 | 240  | 255733   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 15.35 | 264  | 255630   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.39  | 112  | 381955   | 39.35 | ng    | -0.01    |
| 7) Phenol-d6                   | 6.43  | 99   | 550230   | 43.87 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.37  | 82   | 343125   | 33.34 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.63 | 330  | 90391    | 43.26 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 9.16  | 172  | 492785   | 34.60 | ng    | -0.01    |
| 78) Terphenyl-d14              | 12.90 | 244  | 345932   | 30.13 | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate          | 9.56  | 163  | 69897    | 4.36  | ng    | 98       |
| 51) Acenaphthene               | 9.87  | 154  | 70323    | 4.93  | ng    | 99       |
| 54) Dibenzofuran               | 10.04 | 168  | 73744    | 3.95  | ng    | 94       |
| 57) Fluorene                   | 10.39 | 166  | 83692    | 5.82  | ng    | 98       |
| 70) Phenanthrene               | 11.35 | 178  | 1039309  | 48.09 | ng    | 99       |
| 71) Anthracene                 | 11.39 | 178  | 306498   | 14.26 | ng    | 99       |
| 72) Carbazole                  | 11.54 | 167  | 135935   | 6.72  | ng    | 99       |
| 74) Fluoranthene               | 12.53 | 202  | 982622   | 44.85 | ng    | 95       |
| 77) Pyrene                     | 12.75 | 202  | 760434   | 35.07 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.38 | 149  | 122201   | 12.63 | ng    | 88       |
| 80) Benzo(a)anthracene         | 13.94 | 228  | 391066   | 23.75 | ng    | 99       |
| 82) Chrysene                   | 13.98 | 228  | 317710   | 19.50 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 56348    | 5.10  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.70 | 276  | 152518   | 12.17 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.96 | 252  | 428647m  | 26.73 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.97 | 252  | 104412m  | 7.48  | ng    |          |
| 89) Benzo(a)pyrene             | 15.29 | 252  | 265459   | 19.55 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.71 | 278  | 35700m   | 3.15  | ng    |          |
| 91) Benzo(g,h,i)perylene       | 17.10 | 276  | 145936   | 12.44 | ng    | 99       |

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

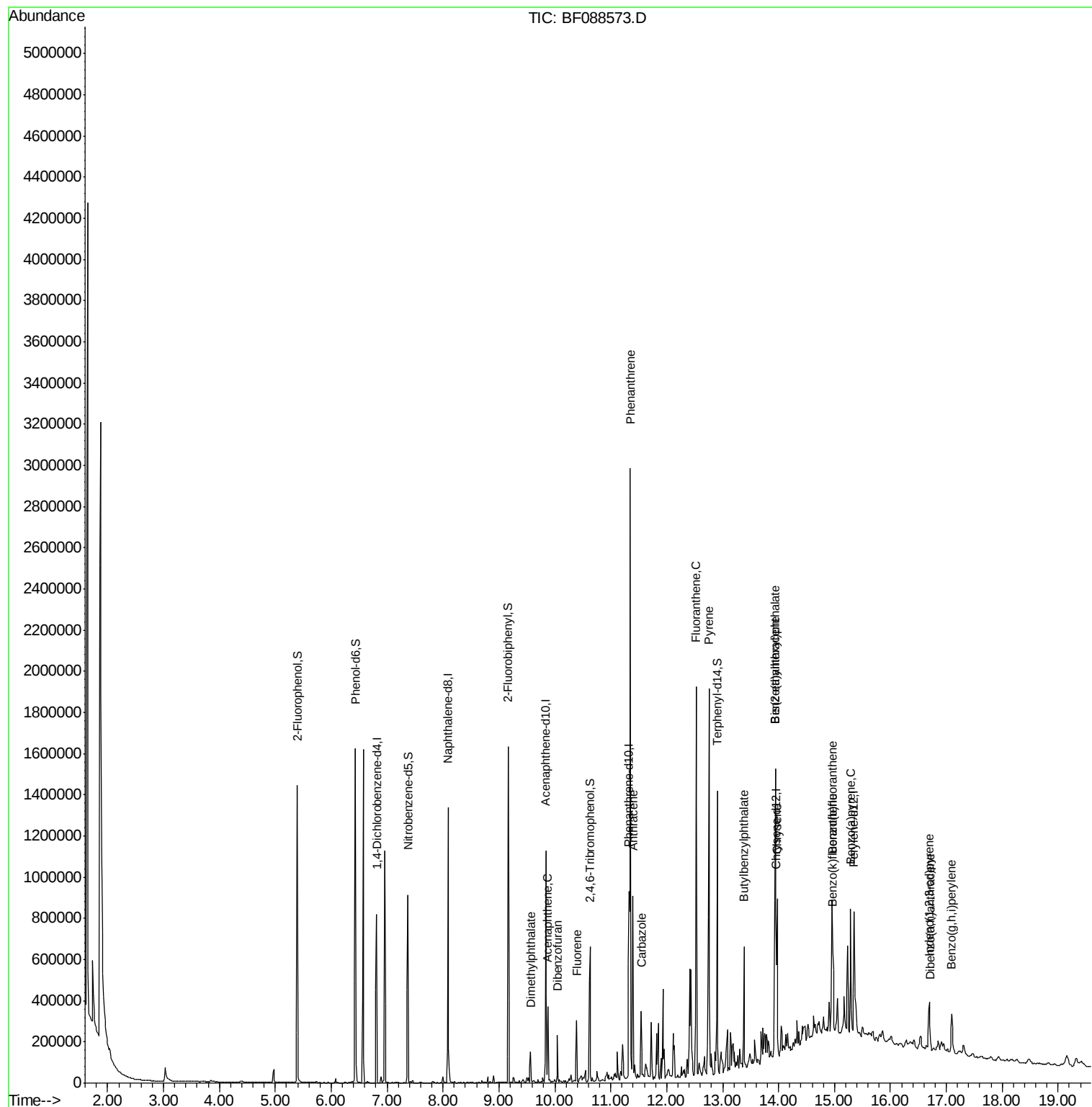
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070116\  
Data File : BF088573.D  
Acq On : 1 Jul 2016 14:22  
Operator : UM/SJ  
Sample : H3808-10 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

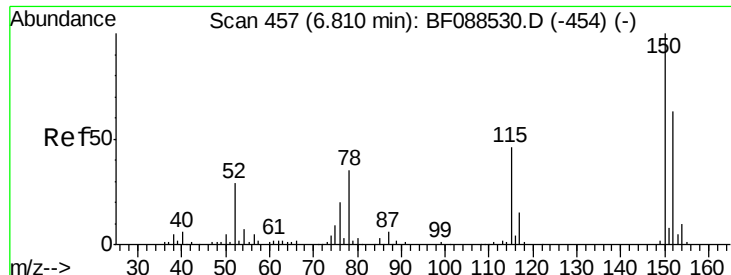
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

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Quant Time: Jul 01 17:54:54 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 30 18:01:55 2016  
Response via : Initial Calibration





#1

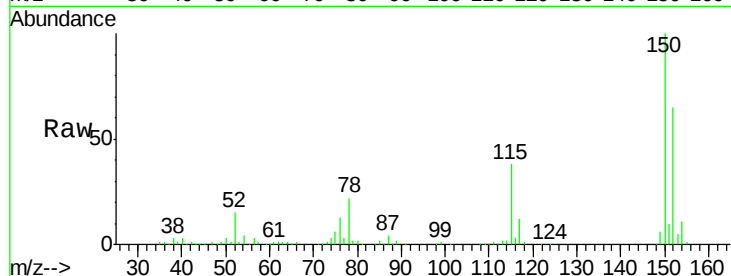
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.81 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

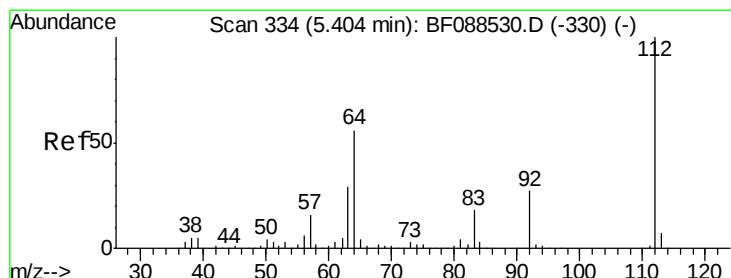
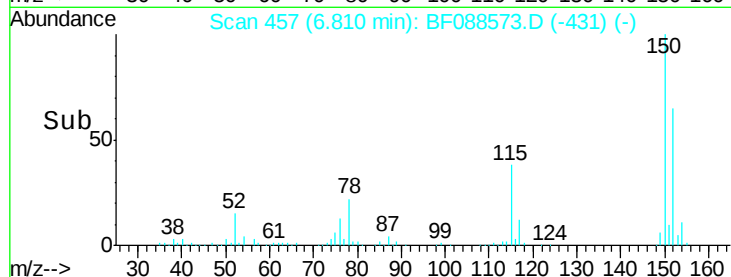
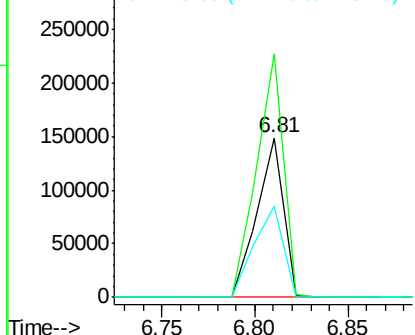
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 123.8 | 185.6 |
| 115     | 57.4  | 39.6  | 59.4  |

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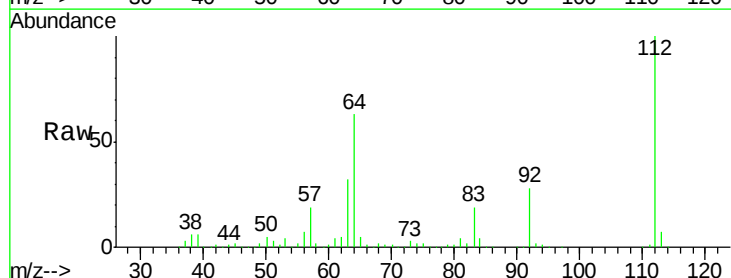
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



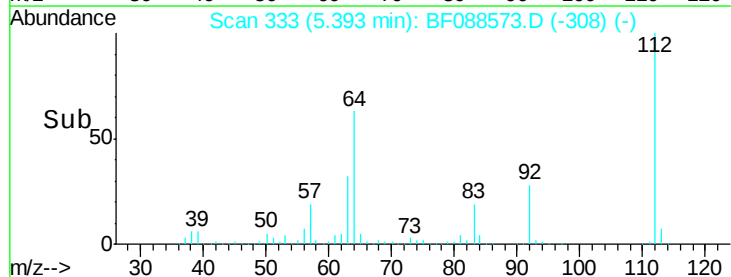
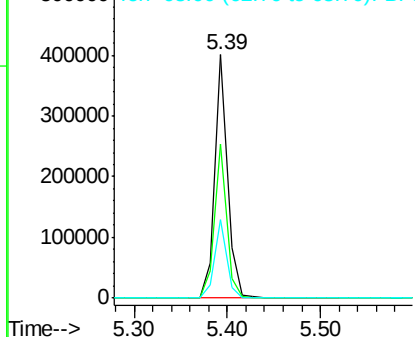
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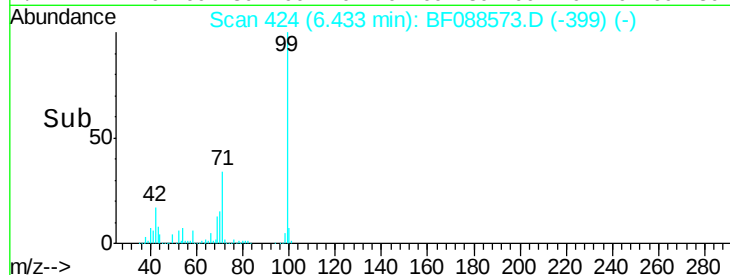
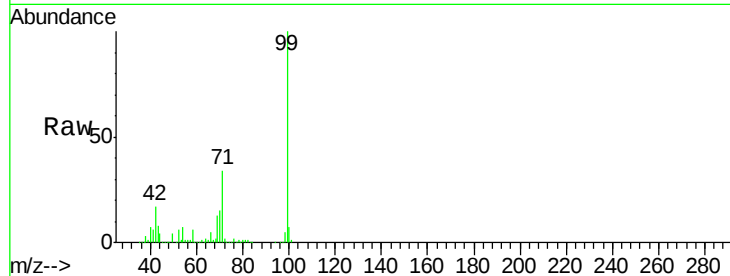
2-Fluorophenol  
Concen: 39.35 ng  
RT: 5.39 min Scan# 333  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.4  | 42.2  | 63.2# |
| 63      | 32.1  | 21.8  | 32.8  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.87 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 550230 |       |       |
| 42      | 17.0  |        | 12.2  | 18.2  |
| 71      | 33.7  |        | 23.4  | 35.0  |

Instrument :

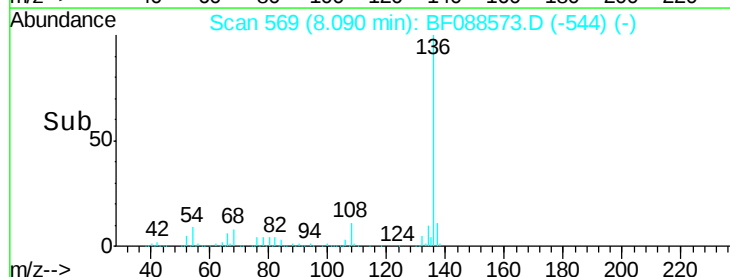
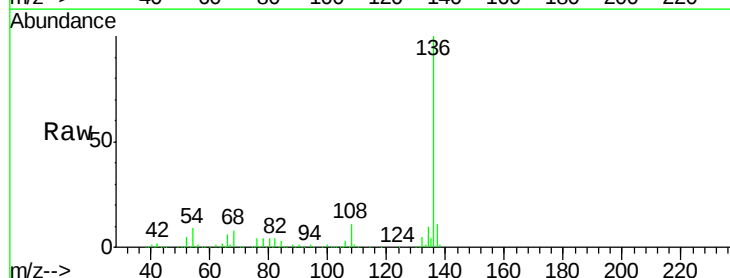
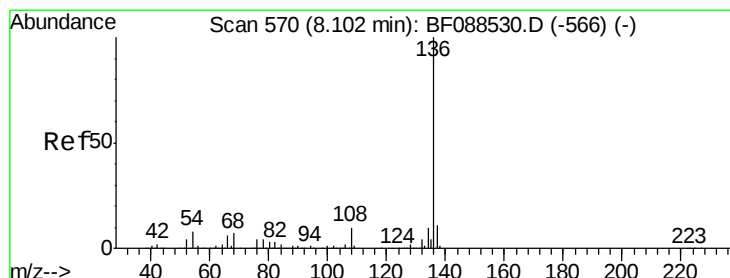
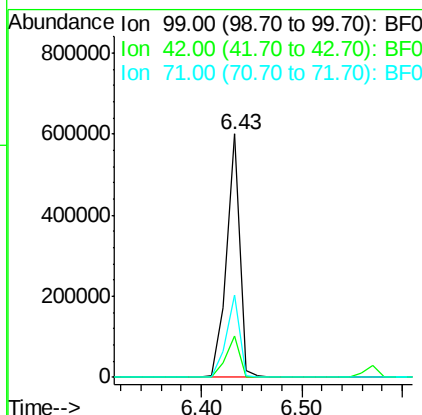
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

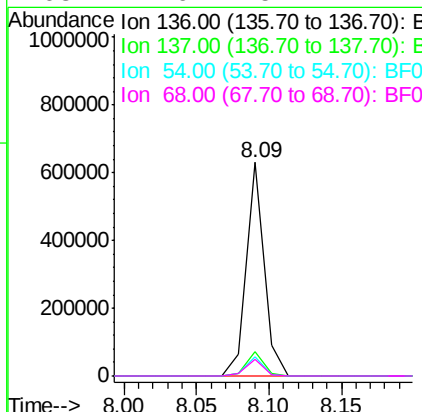
RT: 8.09 min Scan# 569

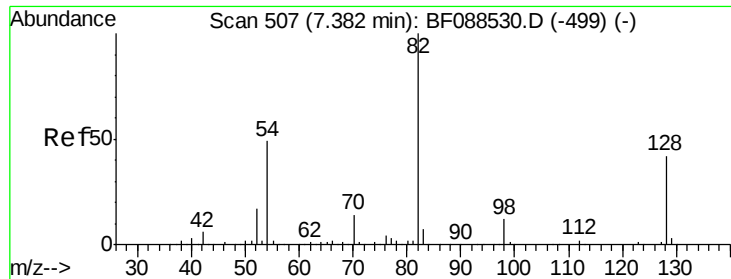
Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 539394 |       |       |
| 137     | 11.2  |        | 9.1   | 13.7  |
| 54      | 9.1   |        | 6.6   | 10.0  |
| 68      | 7.6   |        | 5.1   | 7.7   |





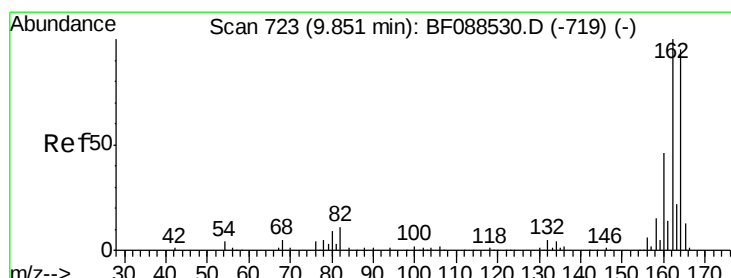
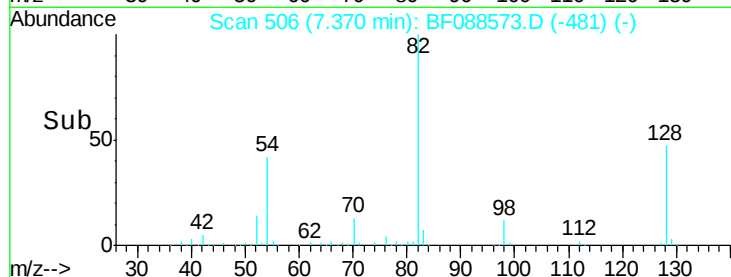
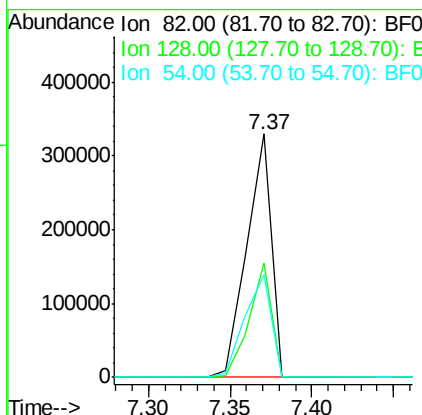
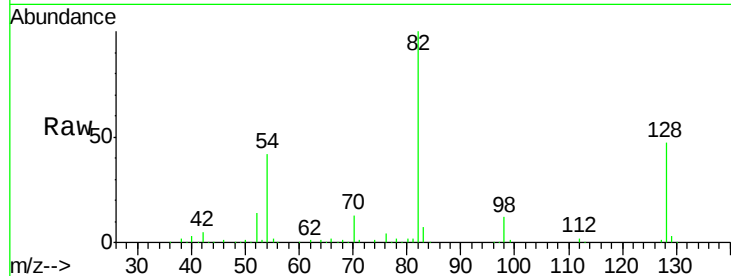
#23  
Nitrobenzene-d5  
Concen: 33.34 ng  
RT: 7.37 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 343125 |       |       |
| 128     | 47.2  | 35.9   | 53.9  |       |
| 54      | 42.4  | 40.9   | 61.3  |       |

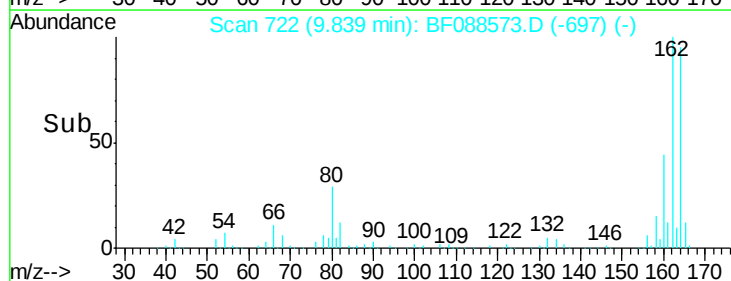
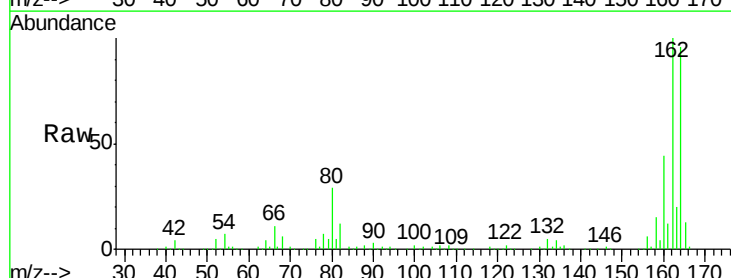
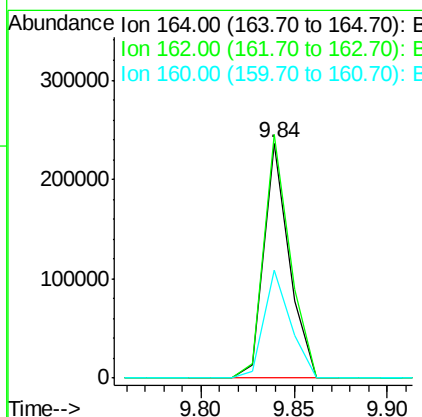
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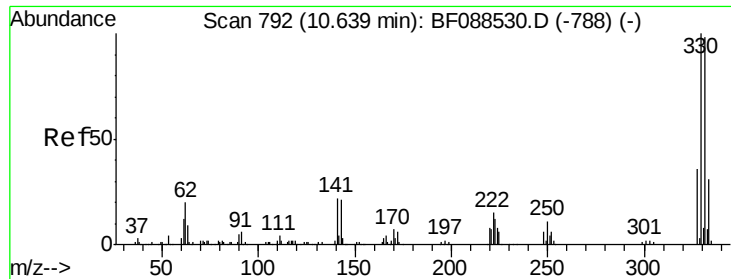
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.84 min Scan# 722  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 224990 |       |       |
| 162     | 103.7 | 85.4   | 128.2 |       |
| 160     | 46.1  | 39.5   | 59.3  |       |





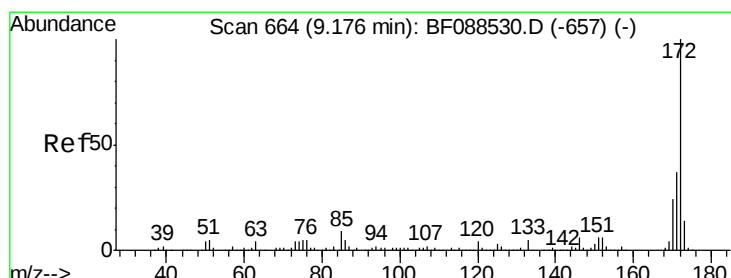
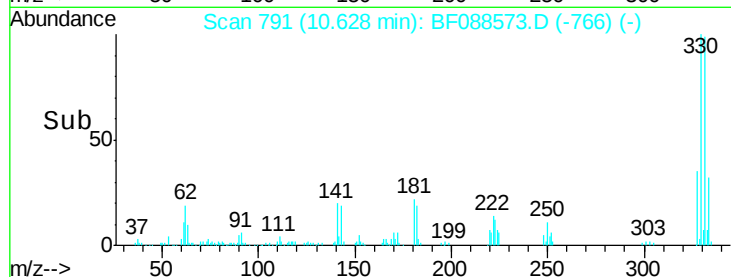
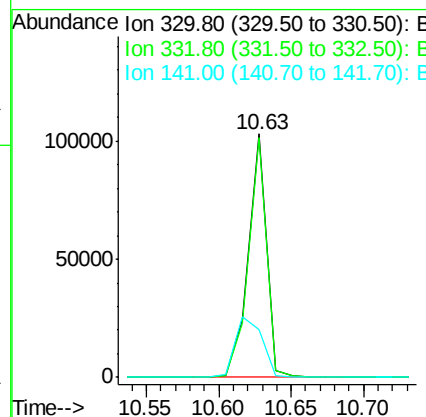
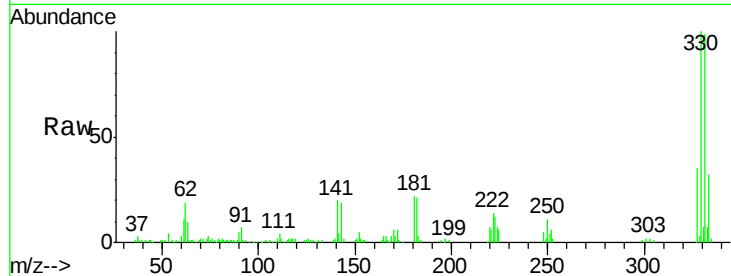
#41  
 2,4,6-Tribromophenol  
 Concen: 43.26 ng  
 RT: 10.63 min Scan# 791  
 Delta R.T. -0.01 min  
 Lab File: BF088573.D  
 Acq: 1 Jul 2016 14:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 97.4  | 0.0        | 0.0#       |
| 141     | 36.4  | 0.0        | 0.0#       |

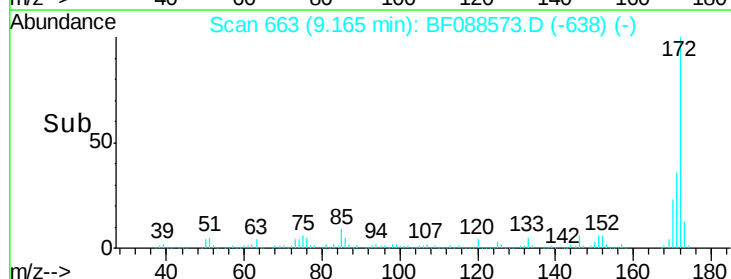
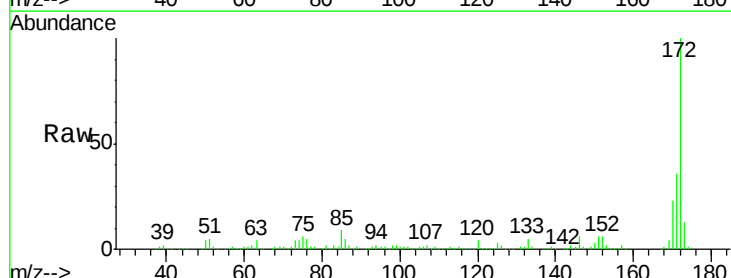
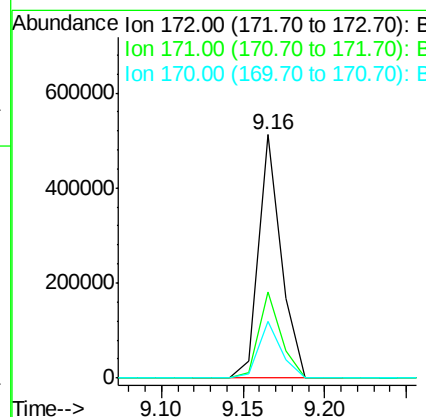
Manual Integrations  
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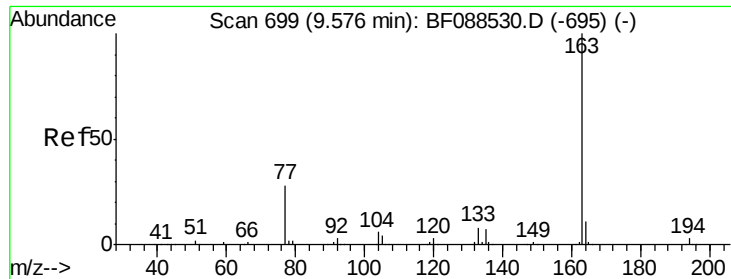
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#44  
 2-Fluorobiphenyl  
 Concen: 34.60 ng  
 RT: 9.16 min Scan# 663  
 Delta R.T. -0.01 min  
 Lab File: BF088573.D  
 Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 172     | 100   |            |            |
| 171     | 35.6  | 28.6       | 43.0       |
| 170     | 23.2  | 19.2       | 28.8       |





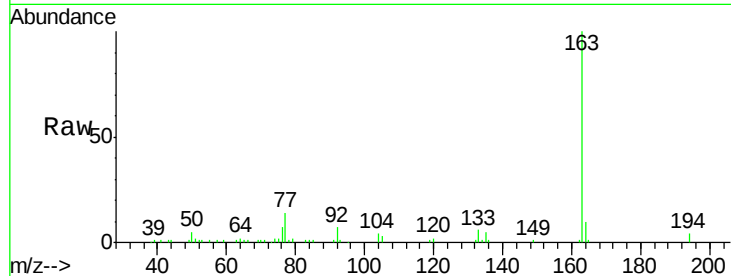
#49  
Dimethylphthalate  
Concen: 4.36 ng  
RT: 9.56 min Scan# 698  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 69897 |       |       |
| 194     | 3.7   |       | 2.8   | 4.2   |
| 164     | 9.6   |       | 8.3   | 12.5  |

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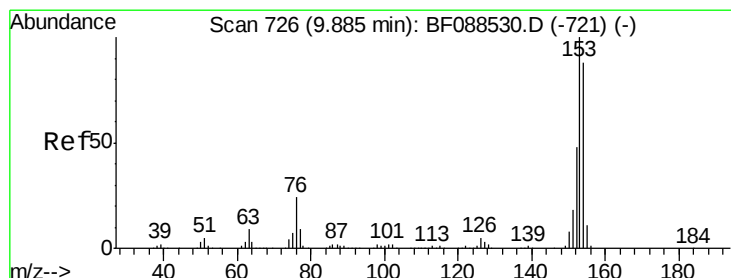
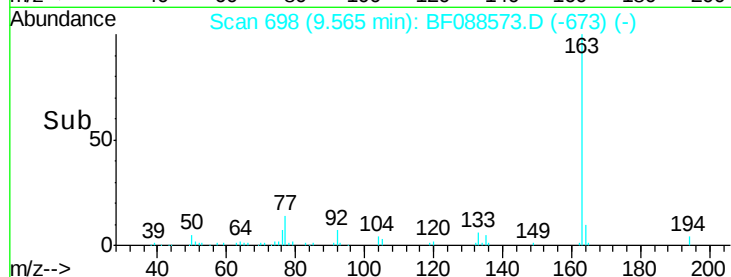
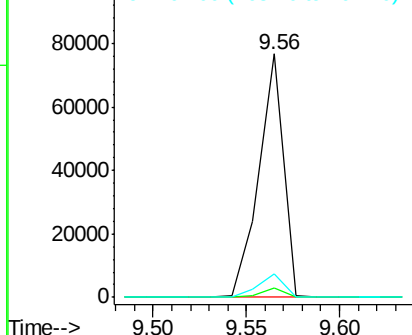


Abundance

Ion 163.00 (162.70 to 163.70): E

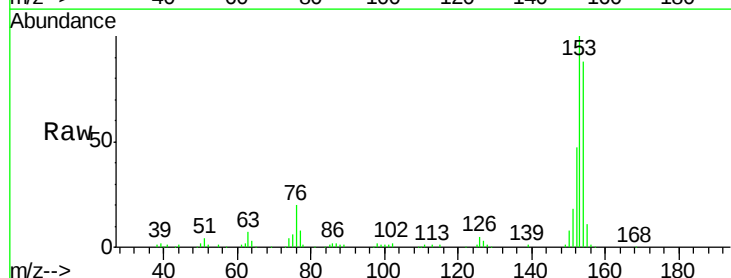
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51  
Acenaphthene  
Concen: 4.93 ng  
RT: 9.87 min Scan# 725  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 70323 |       |       |
| 153     | 113.6 |       | 89.5  | 134.3 |
| 152     | 53.7  |       | 42.7  | 64.1  |

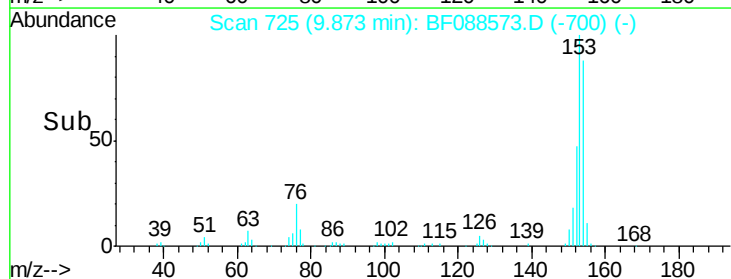
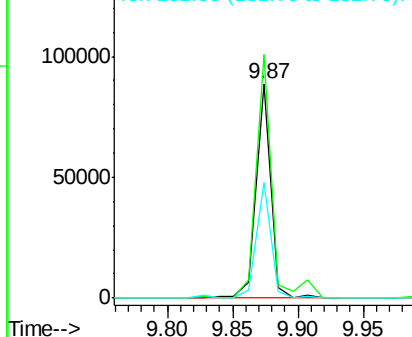


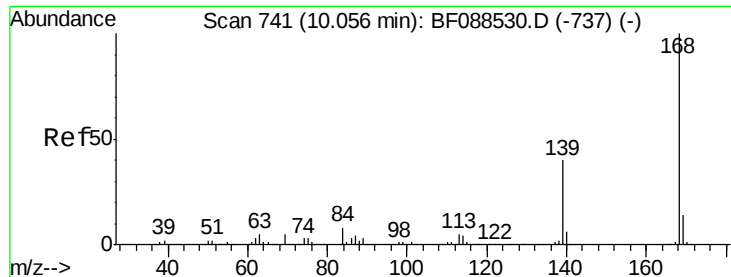
Abundance

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





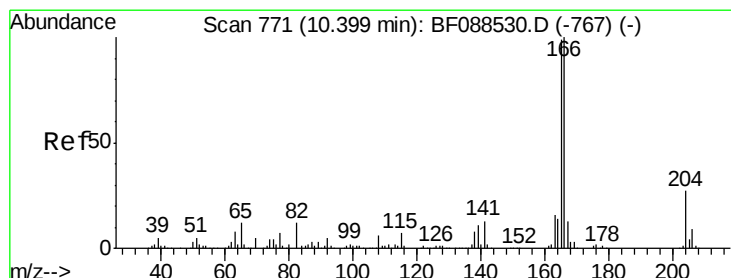
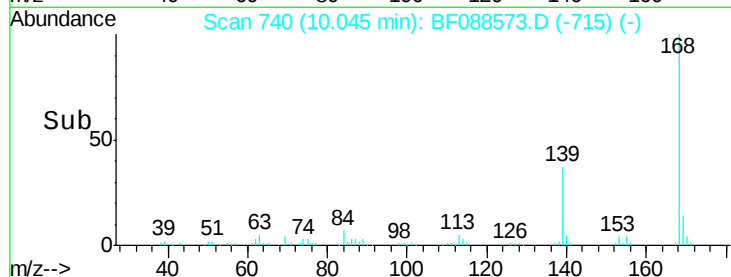
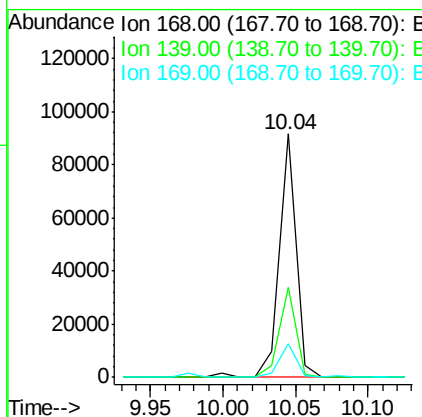
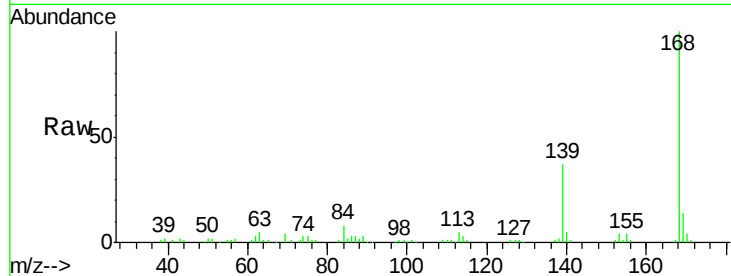
#54  
Dibenzenofuran  
Concen: 3.95 ng  
RT: 10.04 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.0  | 26.4  | 39.6  |
| 169     | 13.8  | 10.4  | 15.6  |

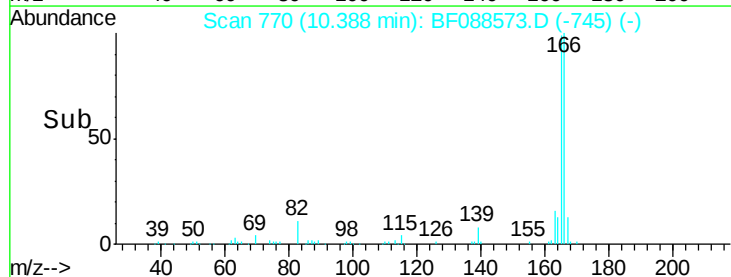
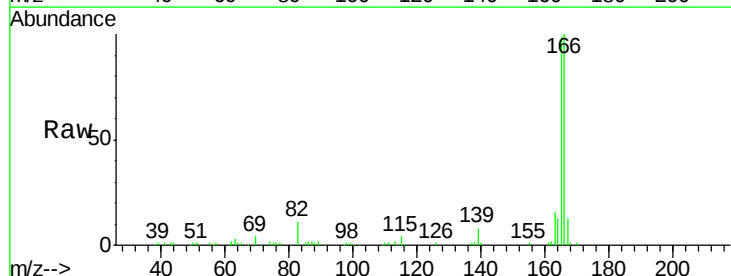
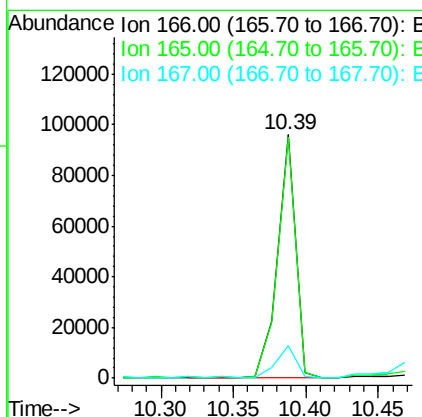
Manual Integrations  
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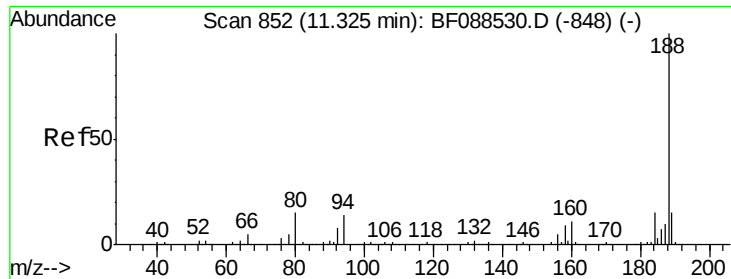
sohil  
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#57  
Fluorene  
Concen: 5.82 ng  
RT: 10.39 min Scan# 770  
Delta R.T. -0.01 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 77.8  | 116.8 |
| 167     | 13.2  | 11.2  | 16.8  |





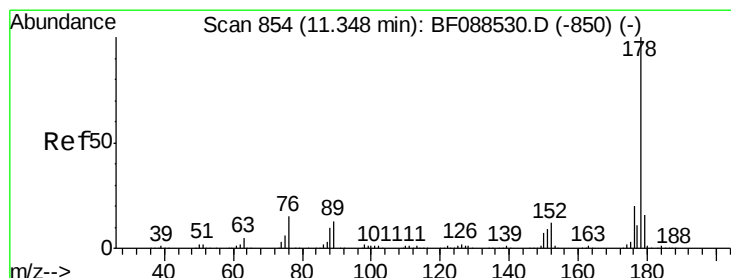
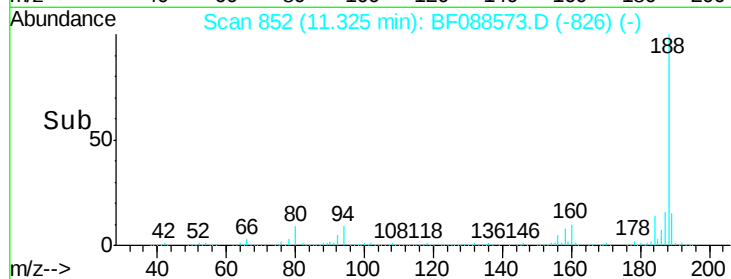
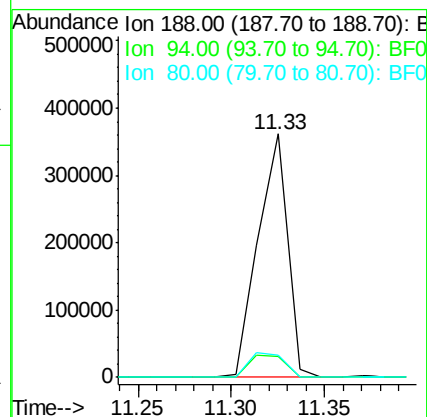
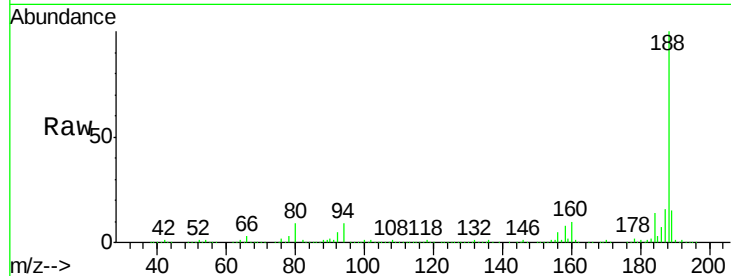
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.33 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.5   | 9.0        | 13.6#      |
| 80      | 8.9   | 10.0       | 15.0#      |

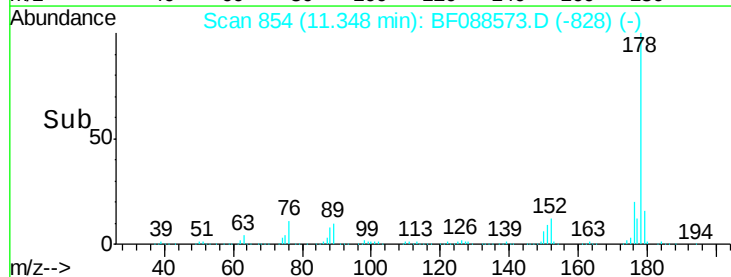
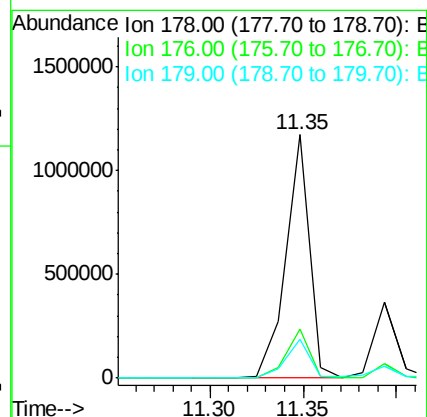
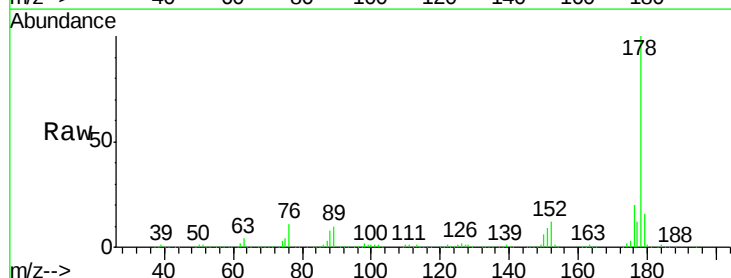
Manual Integrations  
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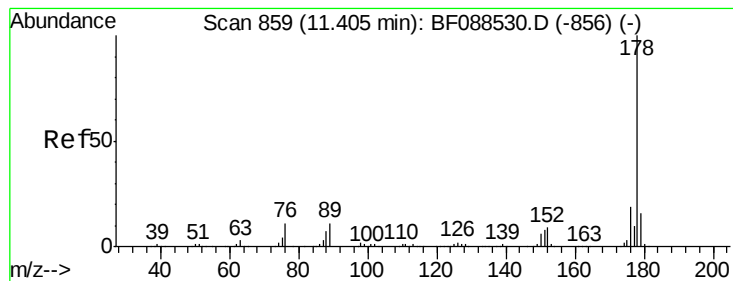
sohil  
7/5/2016 7:30:58 PM



#70  
Phenanthrene  
Concen: 48.09 ng  
RT: 11.35 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BF088573.D  
Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 176     | 20.3  | 15.8       | 23.6       |
| 179     | 16.1  | 13.0       | 19.4       |





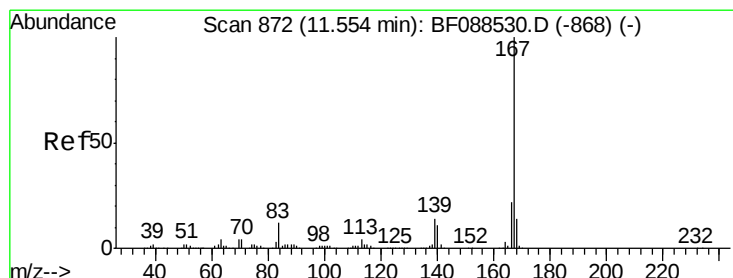
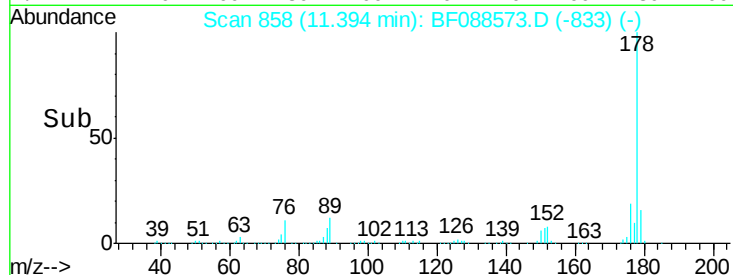
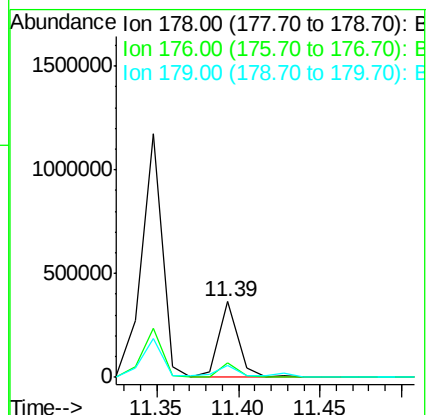
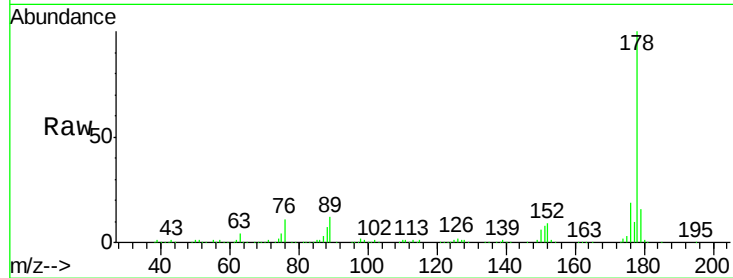
#71  
 Anthracene  
 Concen: 14.26 ng  
 RT: 11.39 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: BF088573.D  
 Acq: 1 Jul 2016 14:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.6  | 23.4  |
| 179     | 15.6  | 12.8  | 19.2  |

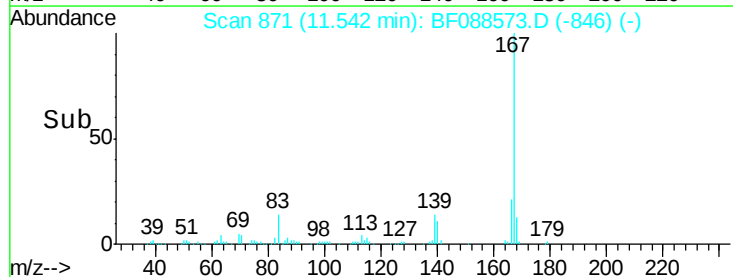
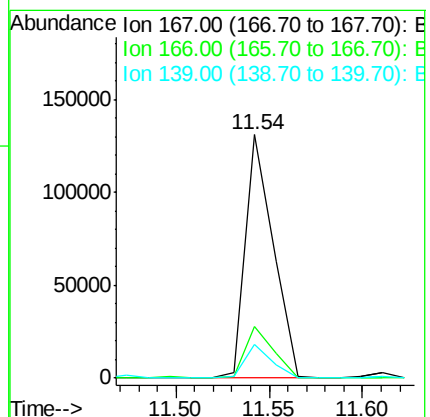
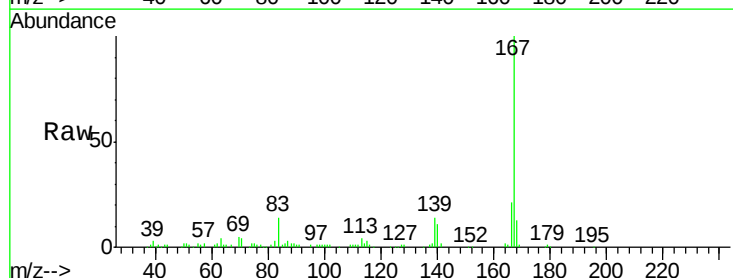
Manual Integrations  
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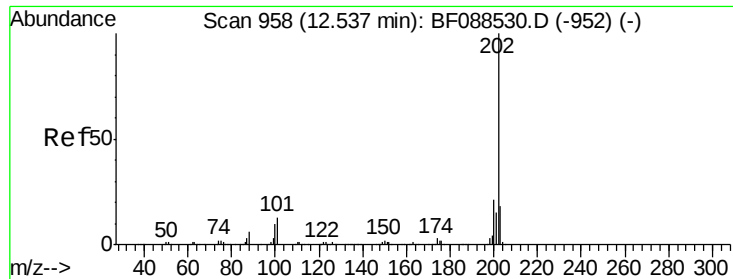
sohil  
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#72  
 Carbazole  
 Concen: 6.72 ng  
 RT: 11.54 min Scan# 871  
 Delta R.T. -0.01 min  
 Lab File: BF088573.D  
 Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.8  | 26.6  |
| 139     | 14.0  | 11.2  | 16.8  |





#74

Fluoranthene

Concen: 44.85 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

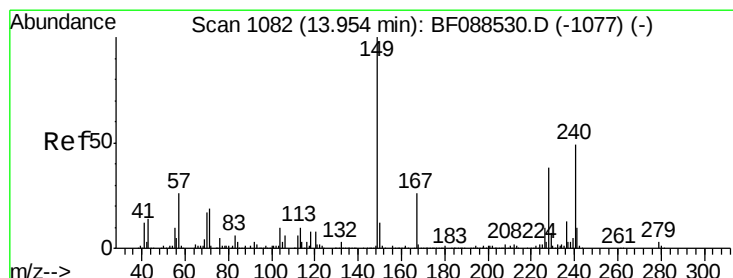
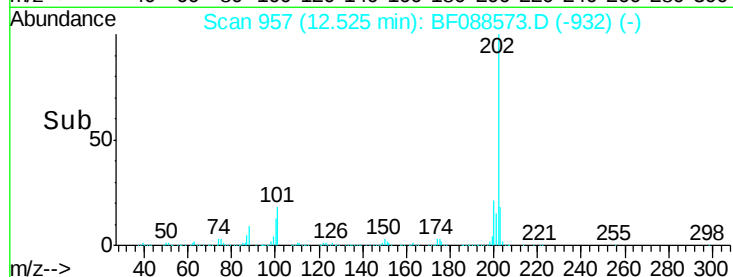
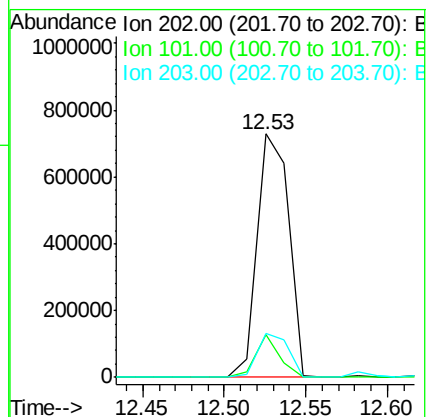
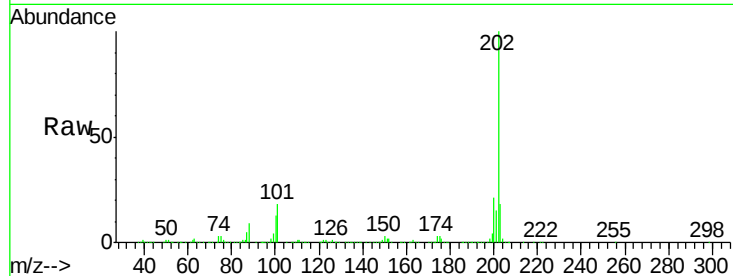
ClientSampleId :

SB-05-COMP

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 982622 |       |       |
| 101     | 17.6  | 0.0    | 33.1  |       |
| 203     | 18.1  | 0.0    | 38.1  |       |

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#75

Chrysene-d12

Concen: 20.00 ng

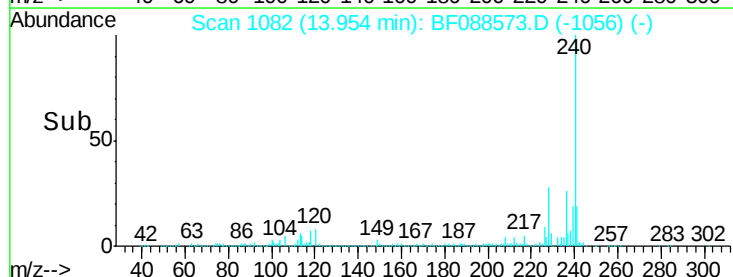
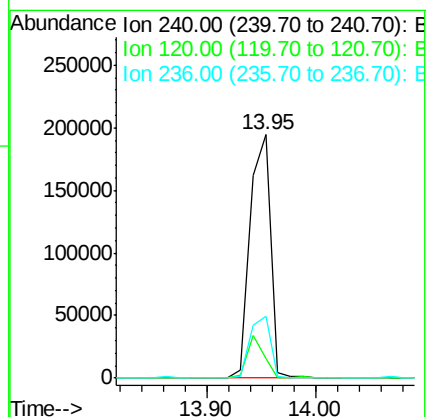
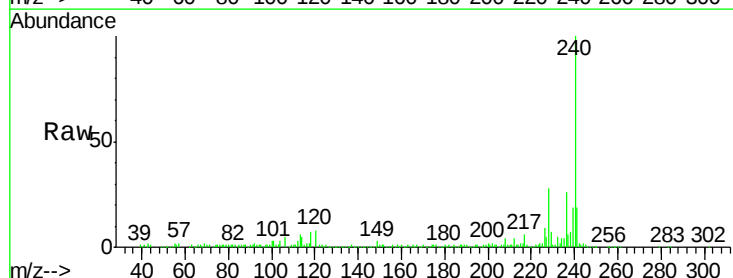
RT: 13.95 min Scan# 1082

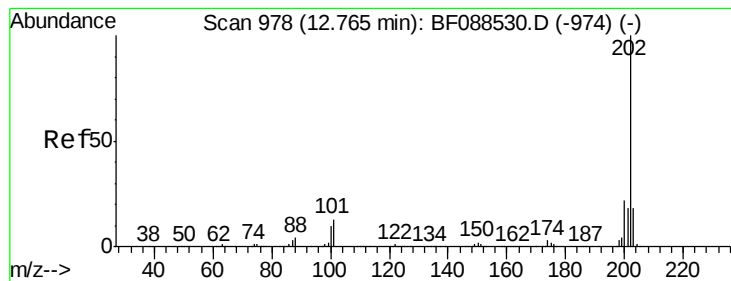
Delta R.T. 0.00 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 255733 |       |       |
| 120     | 7.8   | 6.8    | 10.2  |       |
| 236     | 25.5  | 20.2   | 30.2  |       |





#77

Pyrene

Concen: 35.07 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

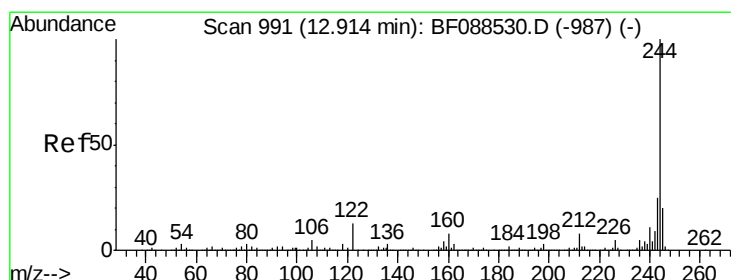
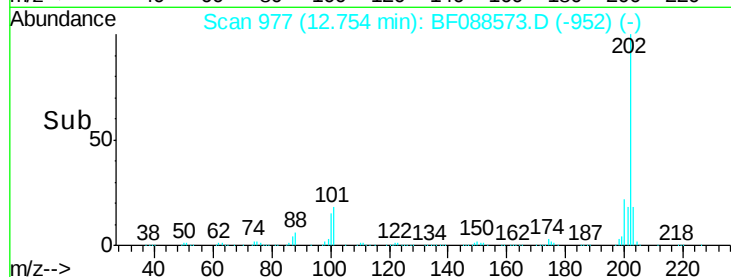
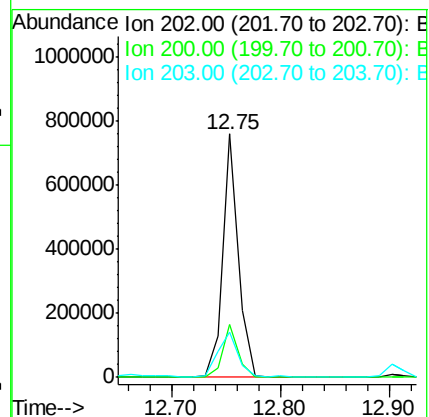
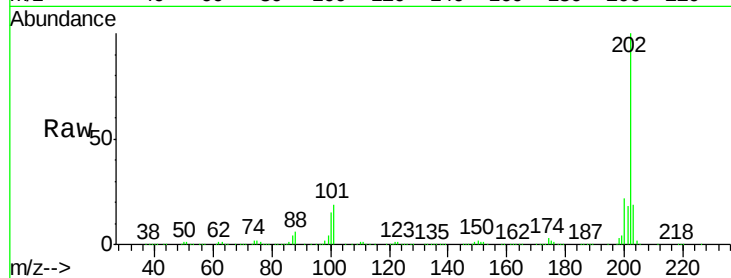
ClientSampleId :

SB-05-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 760434 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.7  | 17.4  | 26.2   |
| 203       | 18.8  | 14.5  | 21.7   |

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#78

Terphenyl-d14

Concen: 30.13 ng

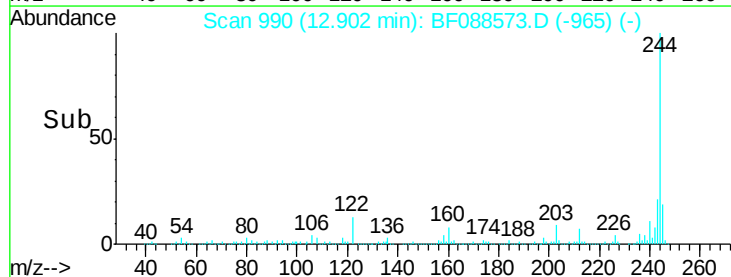
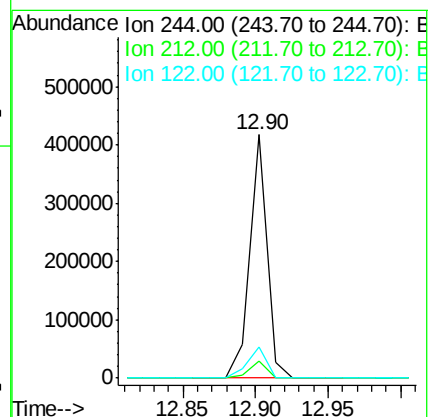
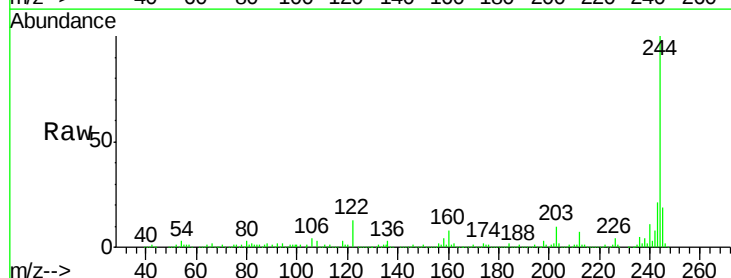
RT: 12.90 min Scan# 990

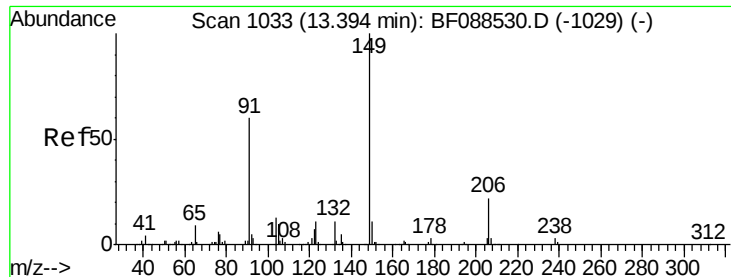
Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 345932 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.2   | 6.0   | 9.0    |
| 122       | 12.9  | 11.2  | 16.8   |





#79

Butylbenzylphthalate

Concen: 12.63 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

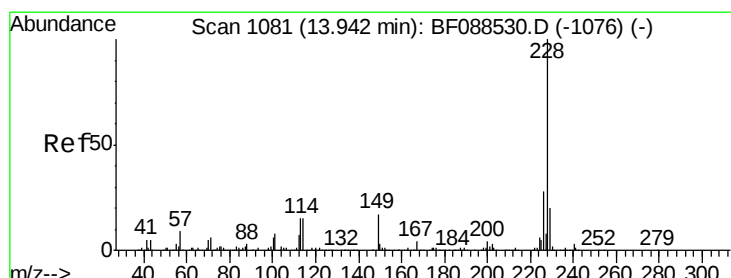
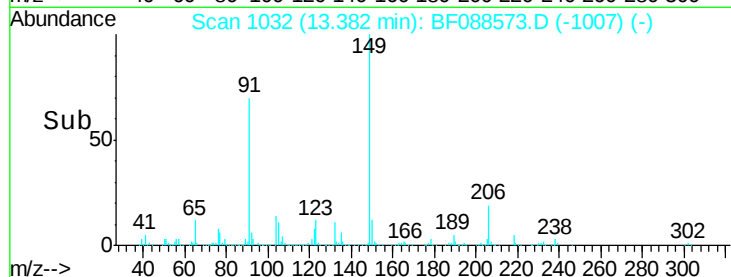
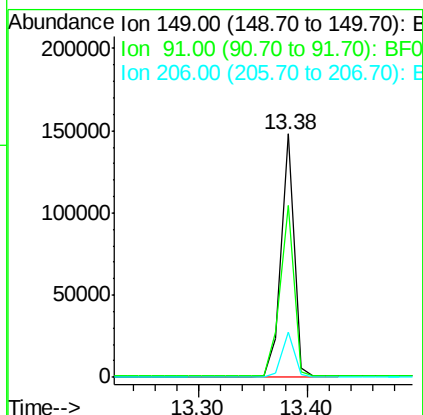
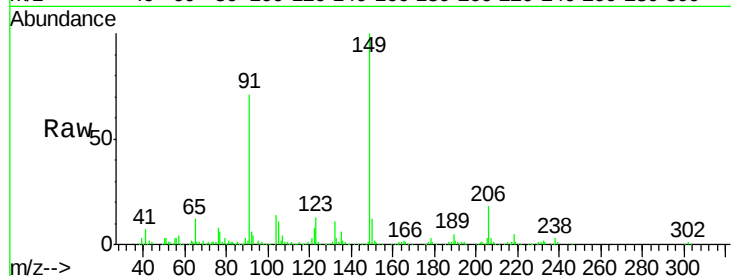
ClientSampleId :

SB-05-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 122201 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 70.8  | 48.0  | 72.0   |
| 206       | 18.5  | 16.0  | 24.0   |

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#80

Benzo(a)anthracene

Concen: 23.75 ng

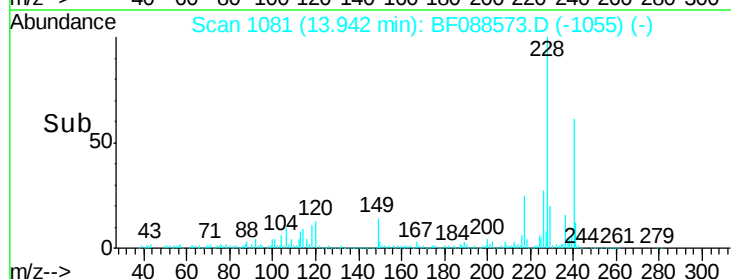
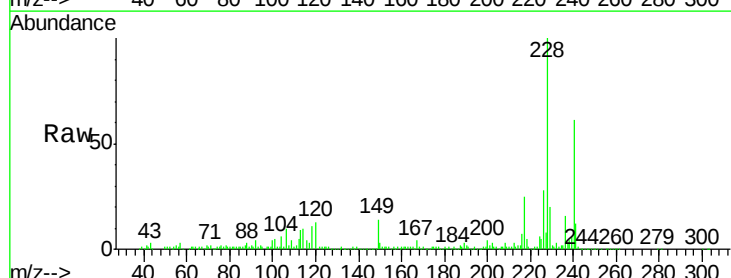
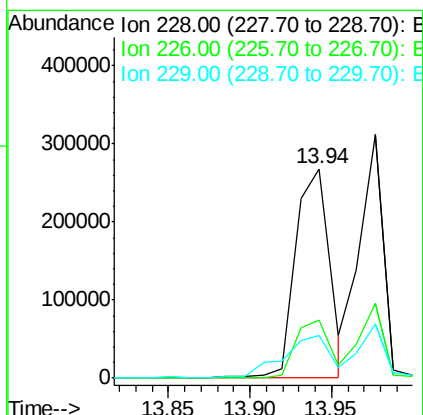
RT: 13.94 min Scan# 1081

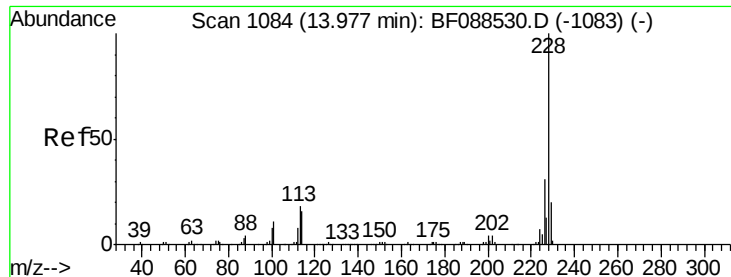
Delta R.T. 0.00 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 391066 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 22.3  | 33.5   |
| 229       | 20.4  | 16.0  | 24.0   |





#82

Chrysene

Concen: 19.50 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

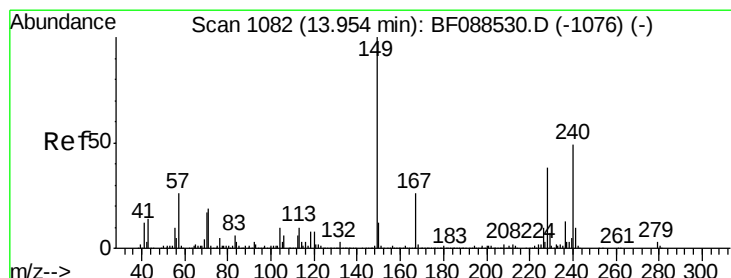
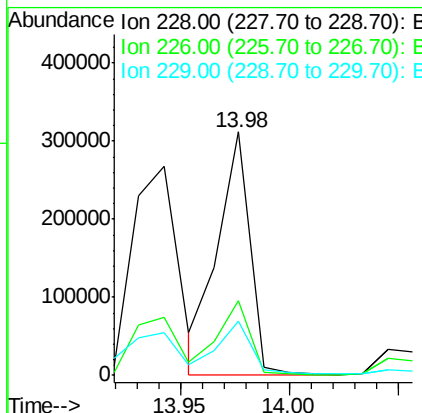
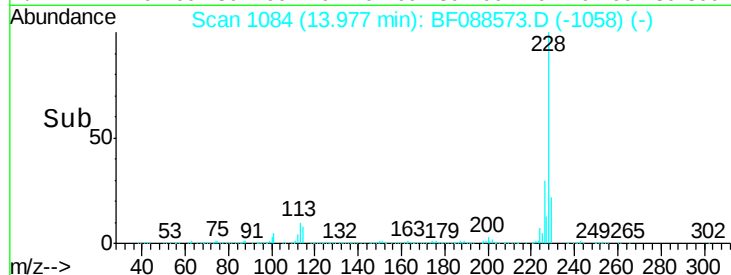
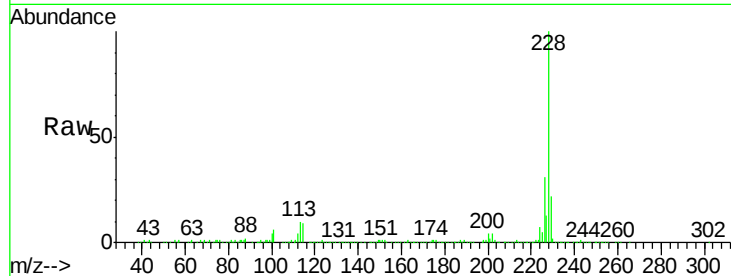
ClientSampleId :

SB-05-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 317710 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.6  | 25.4  | 38.2   |
| 229       | 22.0  | 16.3  | 24.5   |

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#83

Bis(2-ethylhexyl)phthalate

Concen: 5.10 ng

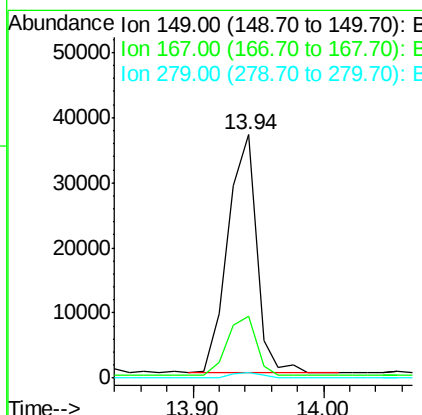
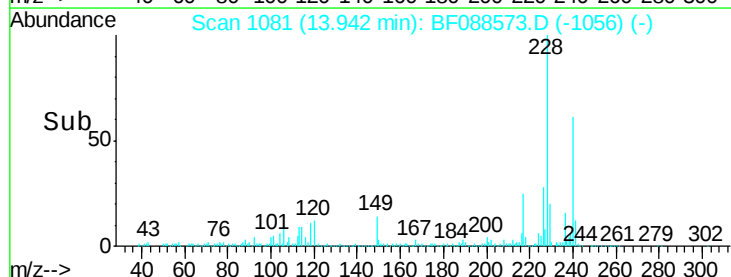
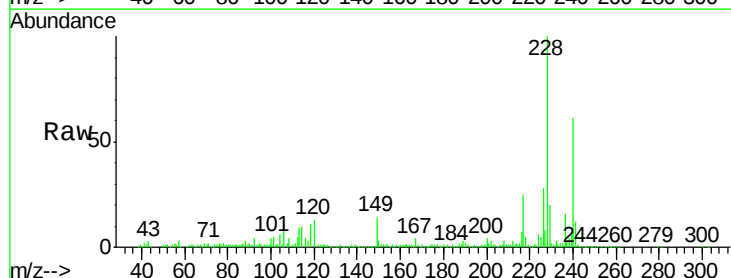
RT: 13.94 min Scan# 1081

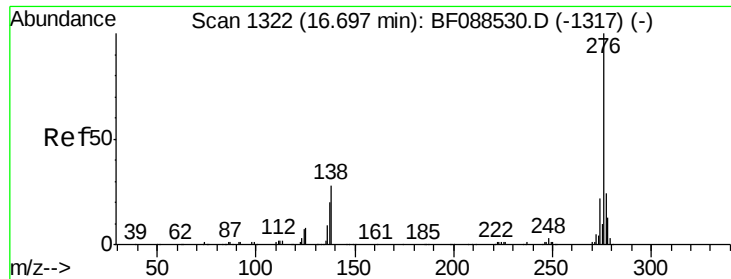
Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 56348 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 25.3  | 20.5  | 30.7  |
| 279       | 2.2   | 2.0   | 3.0   |





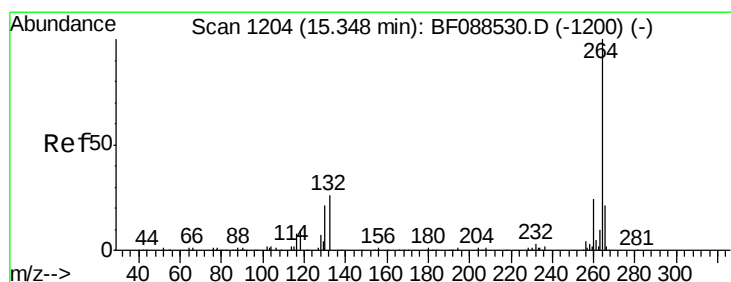
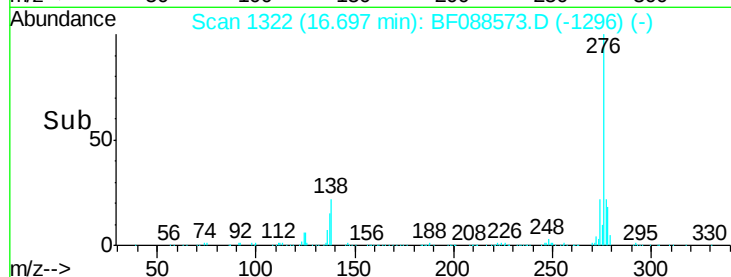
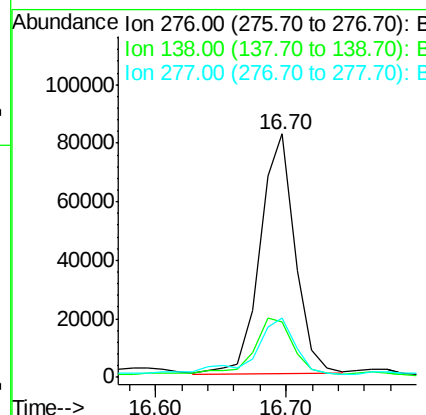
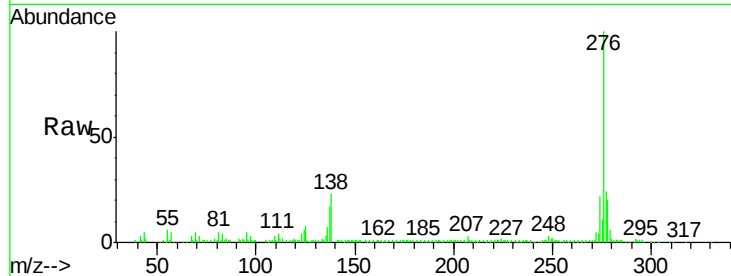
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 12.17 ng  
 RT: 16.70 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: BF088573.D  
 Acq: 1 Jul 2016 14:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 152518 |       |       |
| 138     | 28.5  | 0.0    | 0.0   | 0.0   |
| 277     | 28.3  | 0.0    | 0.0   | 0.0   |

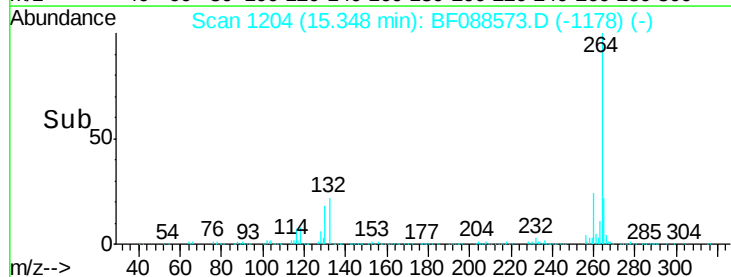
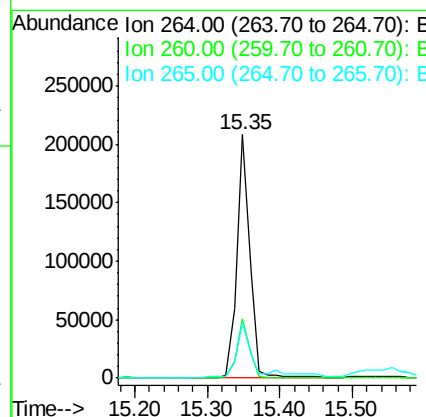
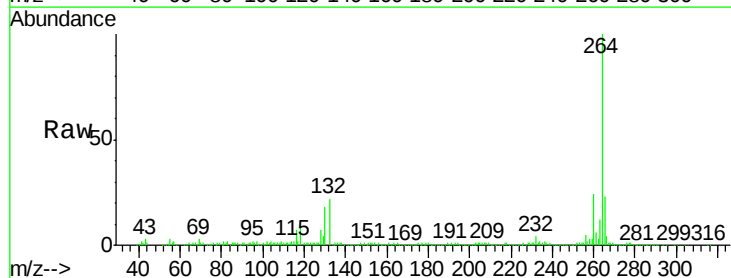
Manual Integrations  
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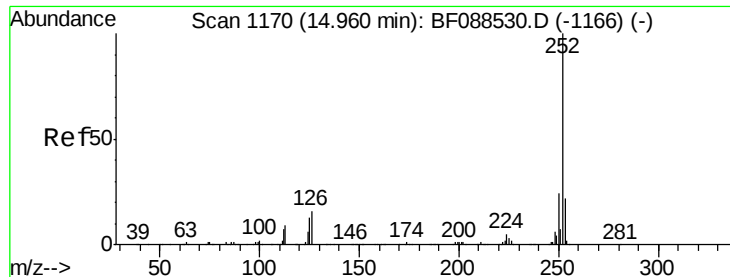
sohil  
 7/5/2016 7:30:58 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.35 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF088573.D  
 Acq: 1 Jul 2016 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 255630 |       |       |
| 260     | 24.2  | 19.2   | 28.8  |       |
| 265     | 22.6  | 16.9   | 25.3  |       |





#87

Benzo(b)fluoranthene

Concen: 26.73 ng m

RT: 14.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP

Tgt Ion:252 Resp: 428647  
Ion Ratio Lower Upper

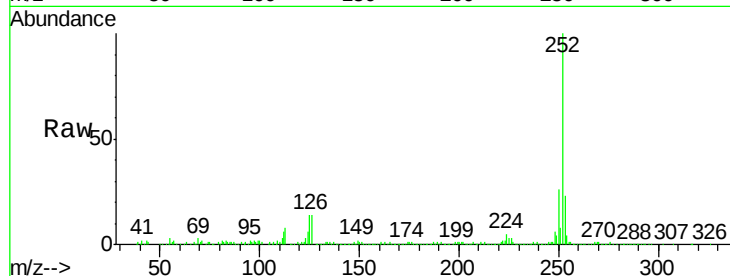
252 100

253 22.8 17.4 26.2

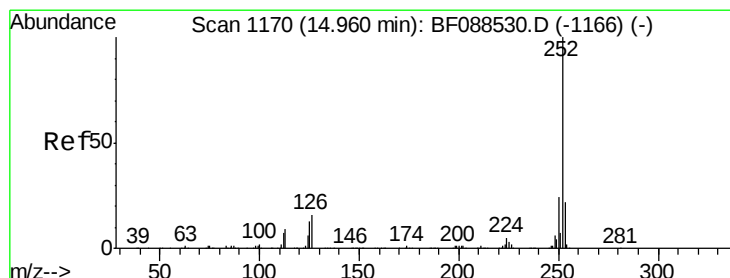
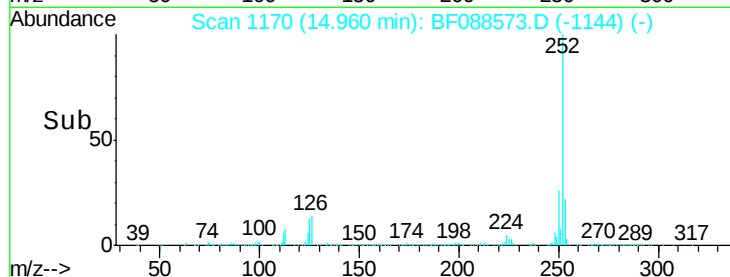
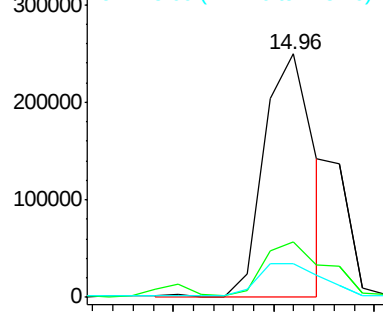
125 13.8 7.1 10.7#

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.48 ng m

RT: 14.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF088573.D

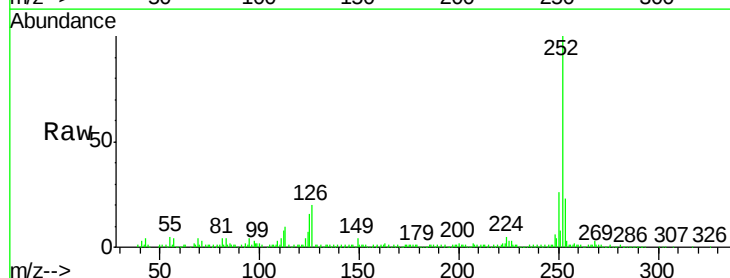
Acq: 1 Jul 2016 14:22

Tgt Ion:252 Resp: 104412  
Ion Ratio Lower Upper

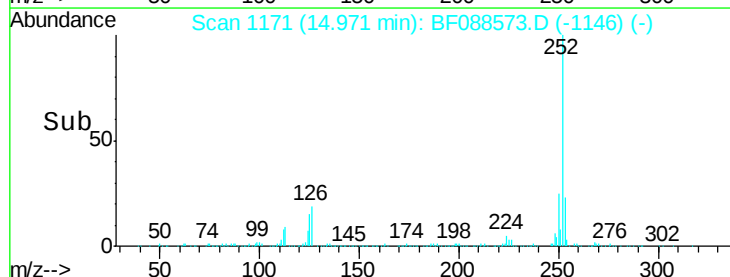
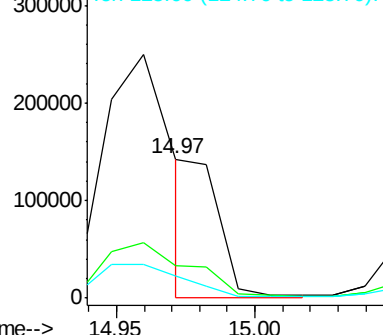
252 100

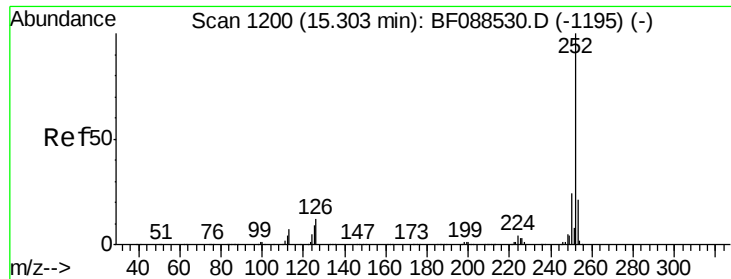
253 23.3 18.0 27.0

125 15.7 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.55 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

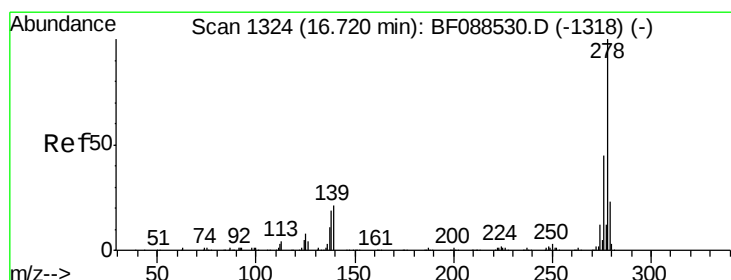
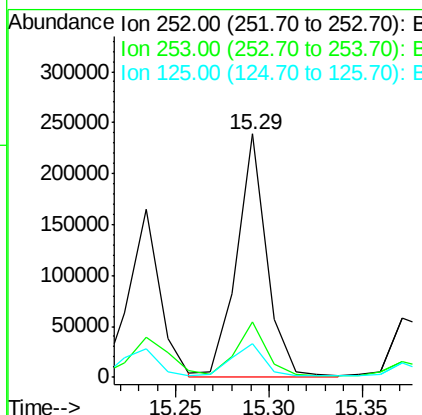
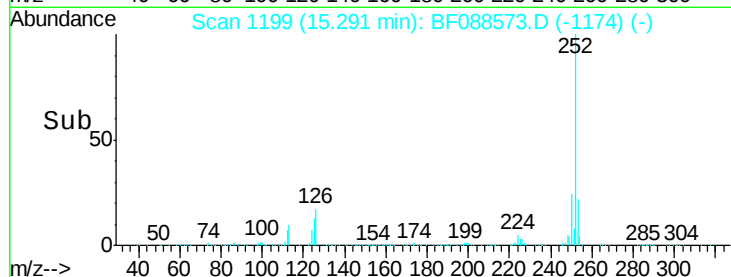
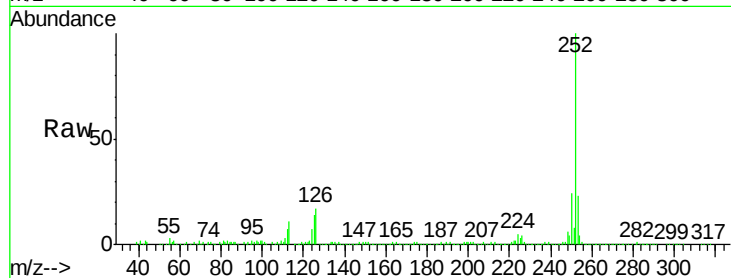
ClientSampleId :

SB-05-COMP

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 265459 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 23.0 | 17.9  | 26.9   |
| 125       | 13.9 | 12.5  | 18.7   |

Manual Integrations  
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#90

Dibenzo(a,h)anthracene

Concen: 3.15 ng m

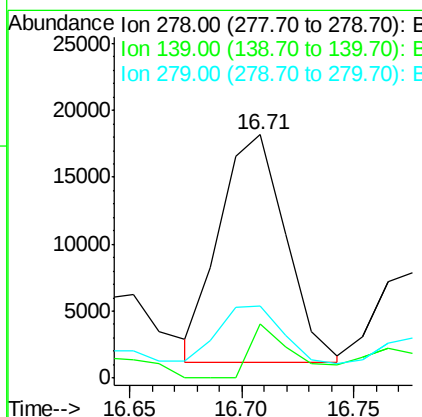
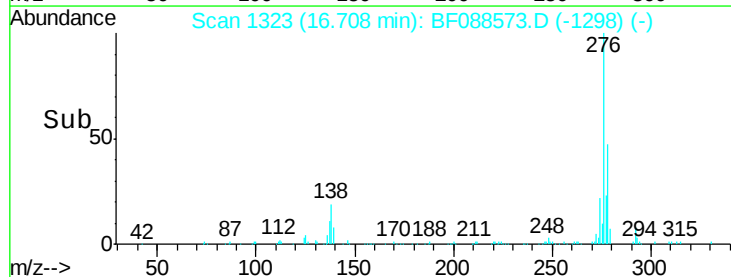
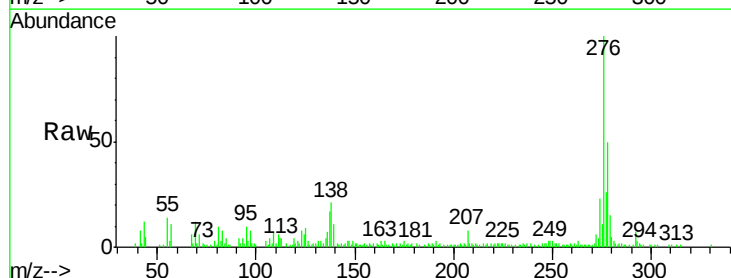
RT: 16.71 min Scan# 1323

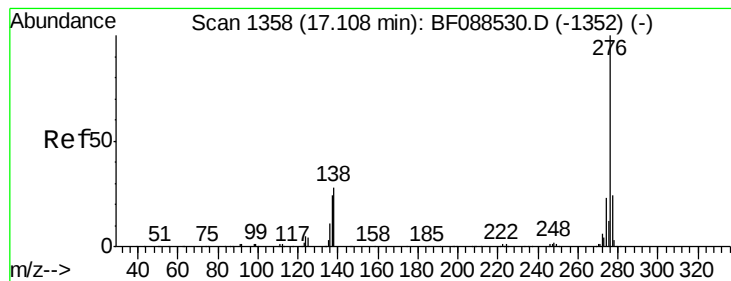
Delta R.T. -0.01 min

Lab File: BF088573.D

Acq: 1 Jul 2016 14:22

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 278  | Resp: | 35700 |
| Ion Ratio |      | Lower | Upper |
| 278       | 100  |       |       |
| 139       | 22.1 | 15.7  | 23.5  |
| 279       | 29.8 | 19.4  | 29.2# |





#91

Benzo(g,h,i)perylene

Concen: 12.44 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088573.D

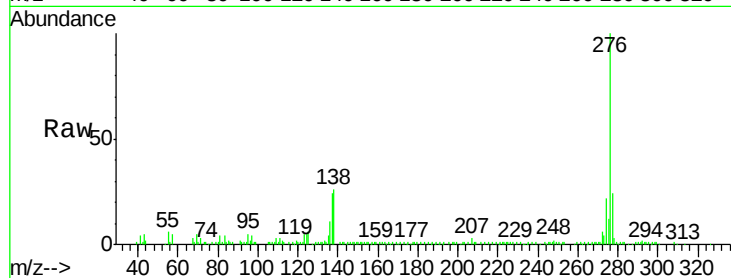
Acq: 1 Jul 2016 14:22

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.9  | 28.3  |
| 138     | 26.3  | 21.4  | 32.2  |

Manual Integrations  
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