

Data Path : S:\HPCHEM1\BNA\_F\DATA\BF031016\  
 Data File : BF085359.D  
 Acq On : 11 Mar 2016 3:39  
 Operator : UM/SJ  
 Sample : H1721-08  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE

Manual Integrations  
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 3/11/2016 4:58:46 PM

Quant Time: Mar 11 04:41:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 11 02:49:26 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.94  | 152  | 127699   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.22  | 136  | 465815   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.98  | 164  | 215353   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.46 | 188  | 349779   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.11 | 240  | 244756   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.57 | 264  | 264537   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.54  | 112  | 1162689  | 152.73 | ng    | 0.00     |
| 7) Phenol-d6                | 6.57  | 99   | 1399292  | 140.29 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 764459   | 87.82  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 217962   | 118.28 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1331765  | 94.05  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.05 | 244  | 857966   | 81.37  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.24  | 128  | 61331    | 2.68   | ng    | 98       |
| 48) Acenaphthylene          | 9.84  | 152  | 51721    | 2.37   | ng    | 95       |
| 49) Dimethylphthalate       | 9.69  | 163  | 315719   | 19.10  | ng    | 99       |
| 51) Acenaphthene            | 10.01 | 154  | 44753    | 3.38   | ng    | 97       |
| 54) Dibenzofuran            | 10.18 | 168  | 75996    | 4.38   | ng    | 90       |
| 57) Fluorene                | 10.53 | 166  | 110214   | 8.08   | ng    | 100      |
| 70) Phenanthrene            | 11.49 | 178  | 1288828  | 70.31  | ng    | 98       |
| 71) Anthracene              | 11.53 | 178  | 343487   | 17.65  | ng    | 98       |
| 72) Carbazole               | 11.69 | 167  | 83529    | 4.90   | ng    | 97       |
| 74) Fluoranthene            | 12.69 | 202  | 1603935  | 87.19  | ng    | 94       |
| 77) Pyrene                  | 12.90 | 202  | 1241768  | 67.41  | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.09 | 228  | 765721   | 52.26  | ng    | 99       |
| 82) Chrysene                | 14.13 | 228  | 470557   | 34.76  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.02 | 276  | 273097   | 25.85  | ng    | # 92     |
| 87) Benzo(b)fluoranthene    | 15.15 | 252  | 715136m  | 40.56  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.17 | 252  | 237997m  | 16.73  | ng    |          |
| 89) Benzo(a)pyrene          | 15.51 | 252  | 519098   | 35.53  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 17.03 | 278  | 66926    | 5.37   | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 17.47 | 276  | 236200   | 18.83  | ng    | 96       |

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

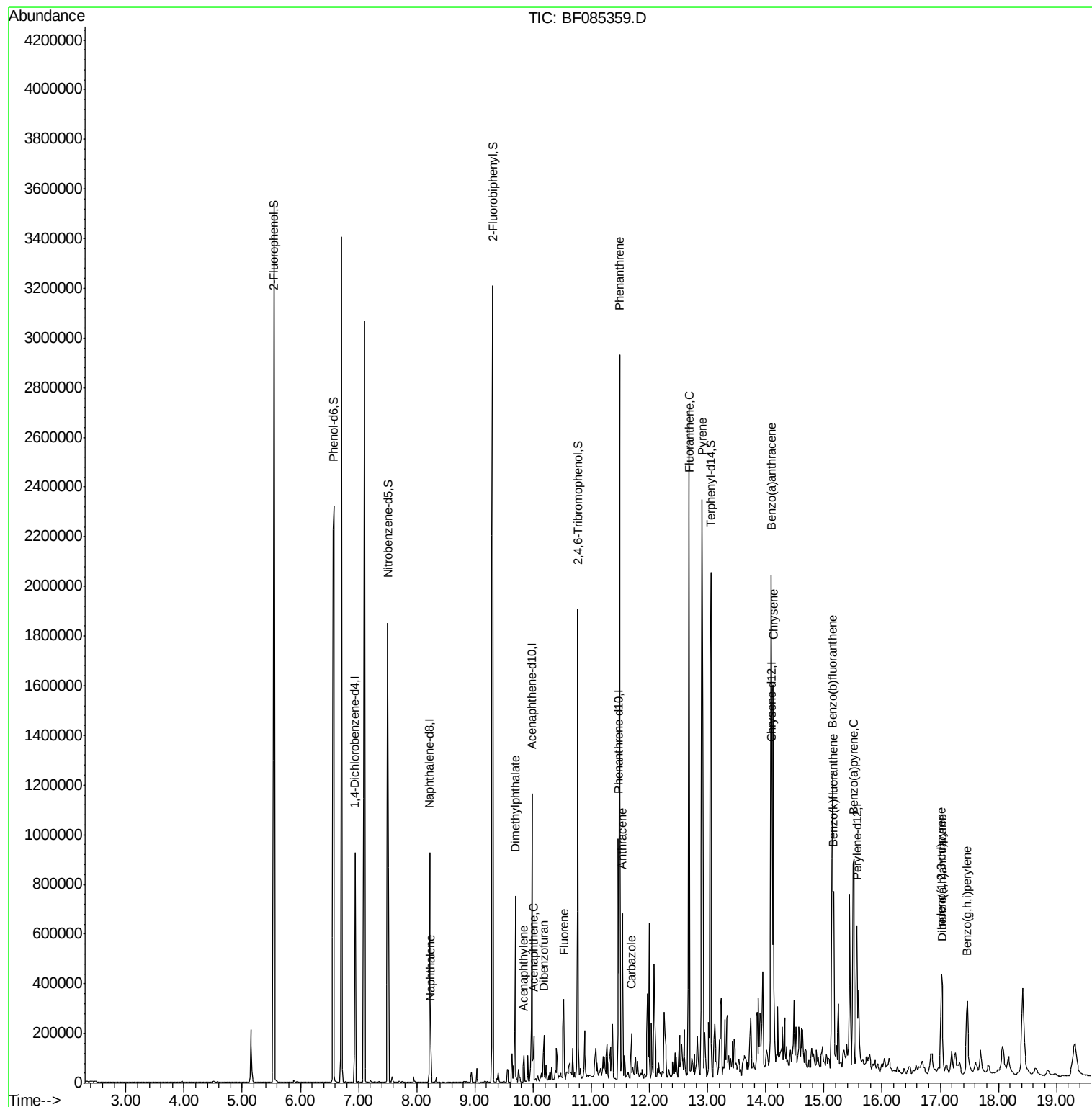
Data Path : S:\HPCHEM1\BNA\_F\DATA\BF031016\  
Data File : BF085359.D  
Acq On : 11 Mar 2016 3:39  
Operator : UM/SJ  
Sample : H1721-08  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

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Quant Time: Mar 11 04:41:01 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 11 02:49:26 2016  
Response via : Initial Calibration





#1

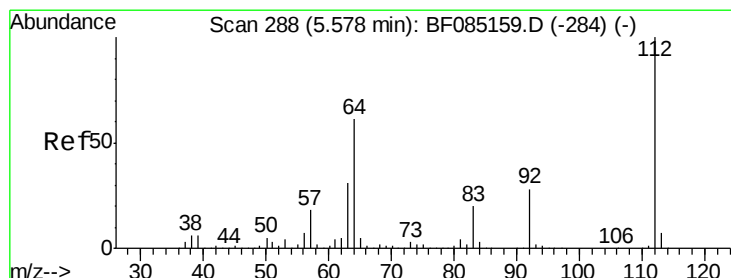
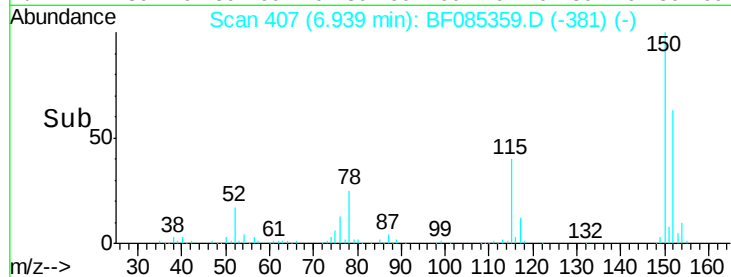
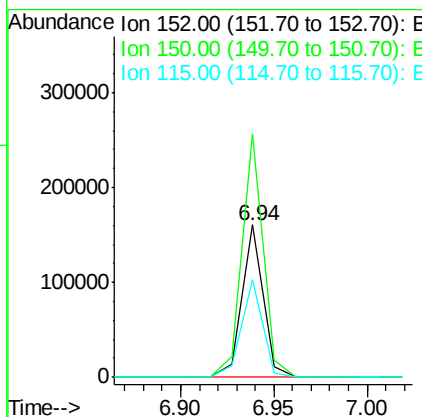
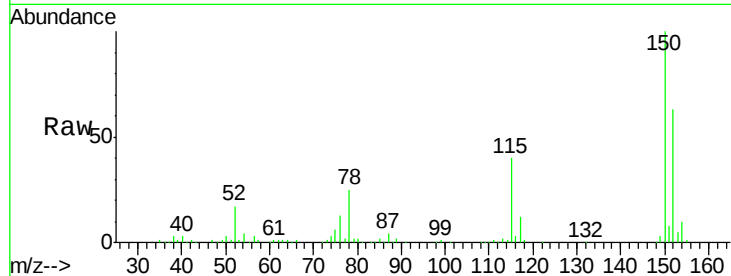
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.94 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 127699 |       |       |
| 150     | 159.5 | 124.6  | 186.8 |       |
| 115     | 64.3  | 46.6   | 70.0  |       |

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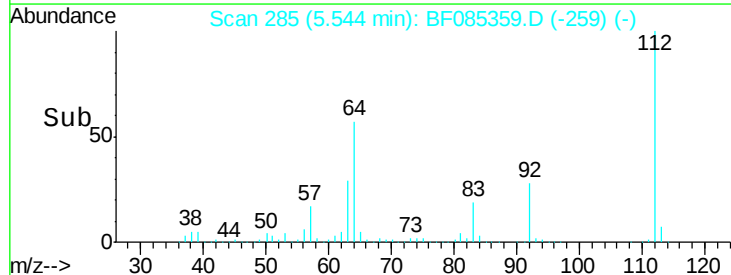
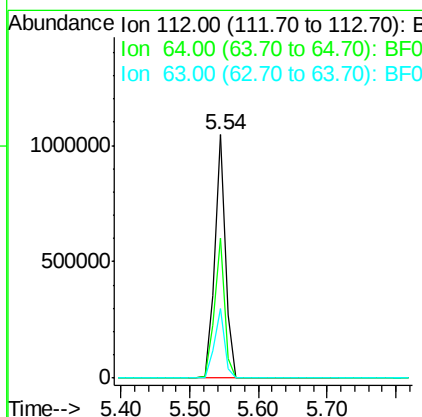
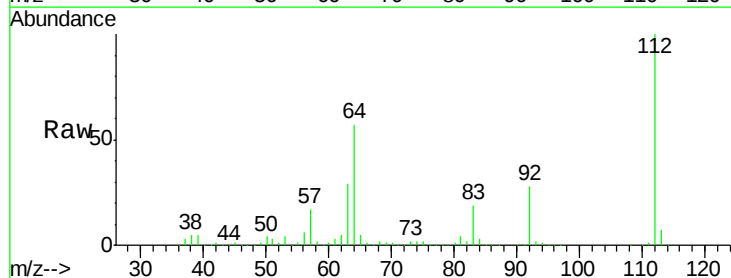
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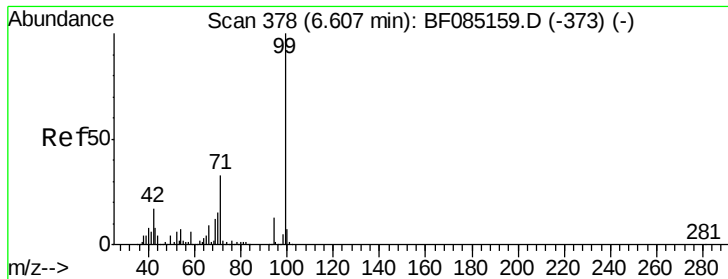


#5

2-Fluorophenol  
Concen: 152.73 ng  
RT: 5.54 min Scan# 285  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 112     | 100   | 1162689 |       |       |
| 64      | 57.3  | 49.0    | 73.4  |       |
| 63      | 28.7  | 24.8    | 37.2  |       |





#7

Phenol-d6

Concen: 140.29 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

ClientSampleId :

WASTE

Tgt Ion: 99 Resp: 1399292

Ion Ratio Lower Upper

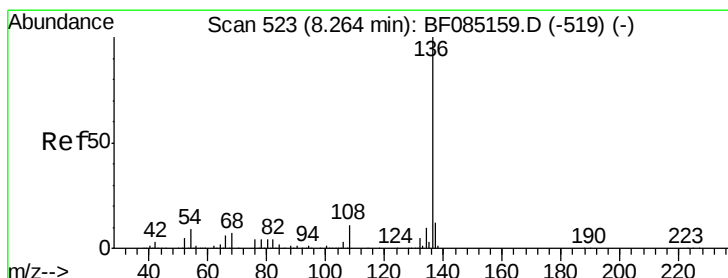
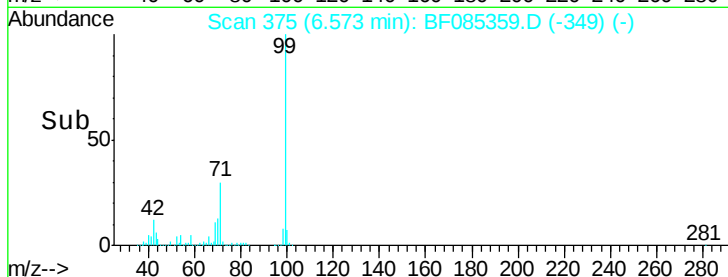
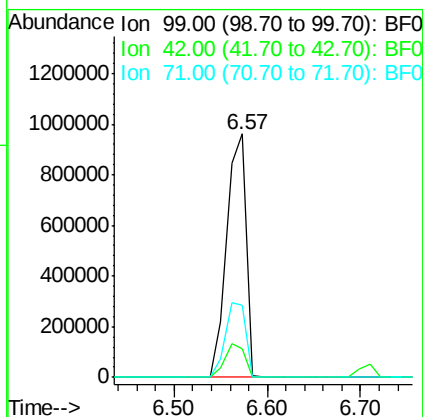
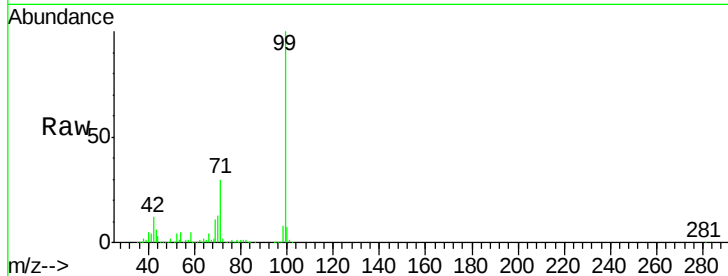
99 100

42 11.6 13.6 20.4#

71 29.8 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Tgt Ion: 136 Resp: 465815

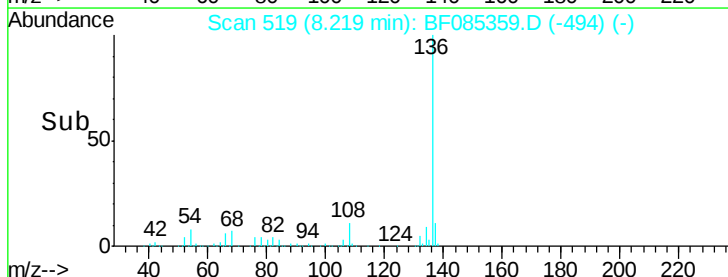
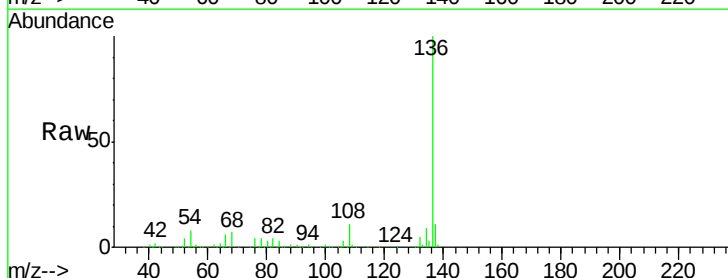
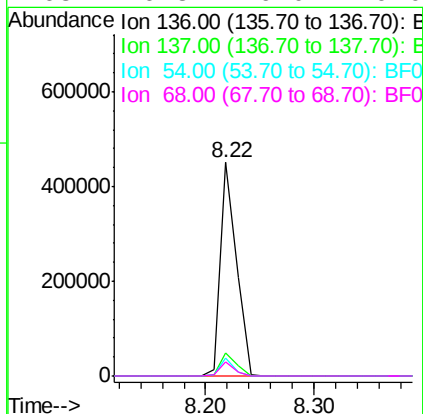
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 8.5 7.4 11.2

68 6.8 6.0 9.0





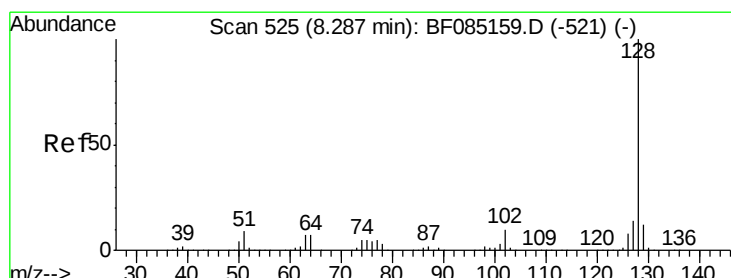
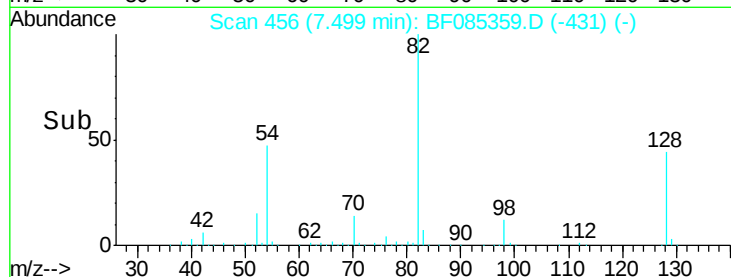
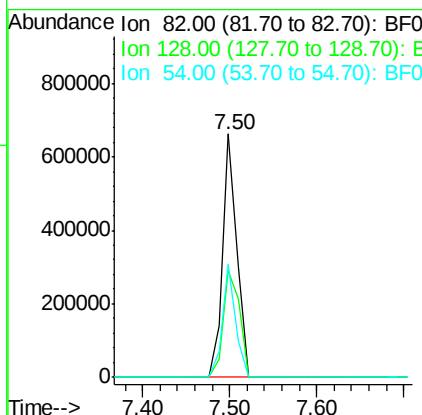
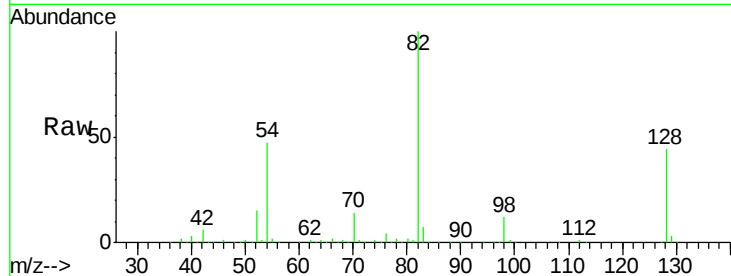
#23  
 Nitrobenzene-d5  
 Concen: 87.82 ng  
 RT: 7.50 min Scan# 456  
 Delta R.T. -0.01 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

Instrument :  
 BNA\_F  
 ClientSampled :  
 WASTE

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 764459 |       |       |
| 128     | 43.8  | 34.5   | 51.7  |       |
| 54      | 46.6  | 39.3   | 58.9  |       |

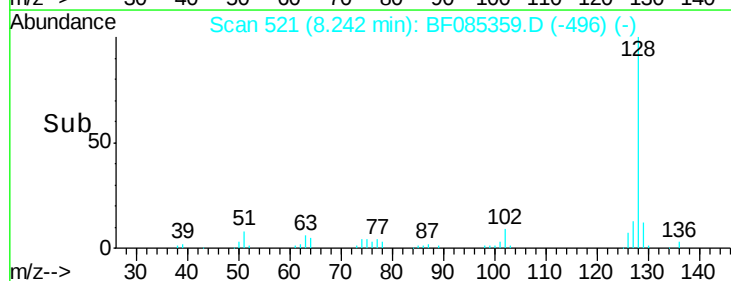
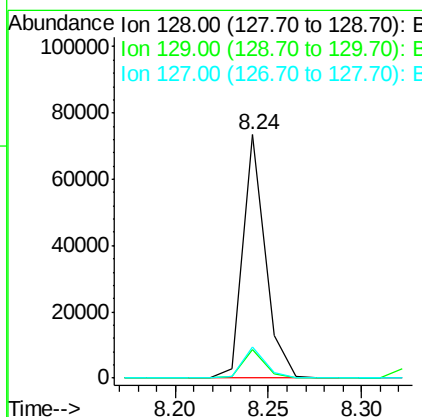
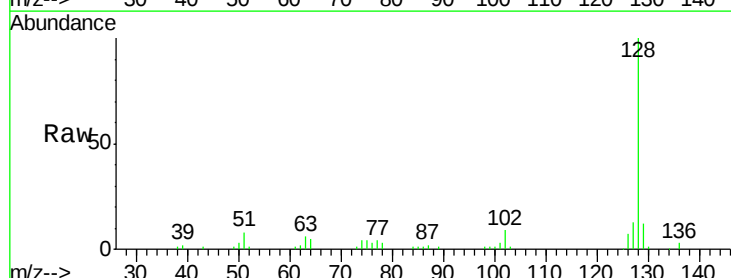
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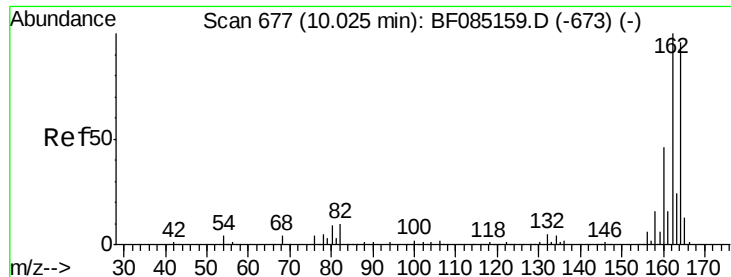
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#31  
 Naphthalene  
 Concen: 2.68 ng  
 RT: 8.24 min Scan# 521  
 Delta R.T. -0.01 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 61331 |       |       |
| 129     | 11.9  | 9.7   | 14.5  |       |
| 127     | 12.9  | 11.2  | 16.8  |       |





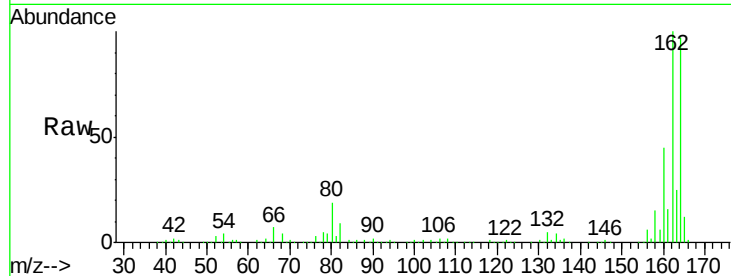
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.98 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE

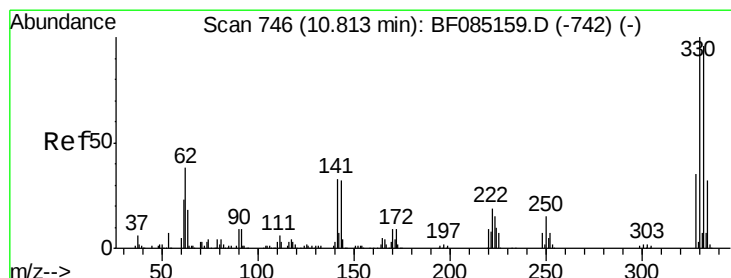
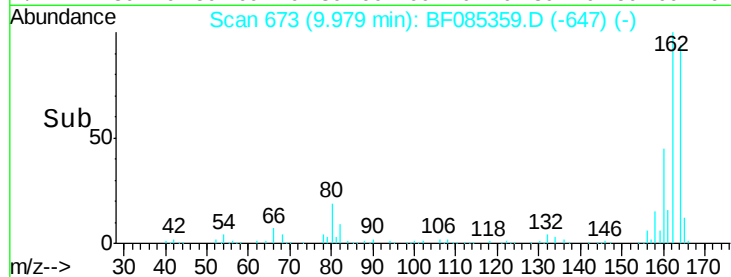
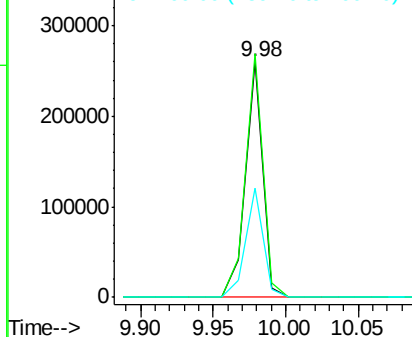
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.4 | 83.3 | 124.9 |       |
| 160     | 46.6  | 37.9 | 56.9  |       |

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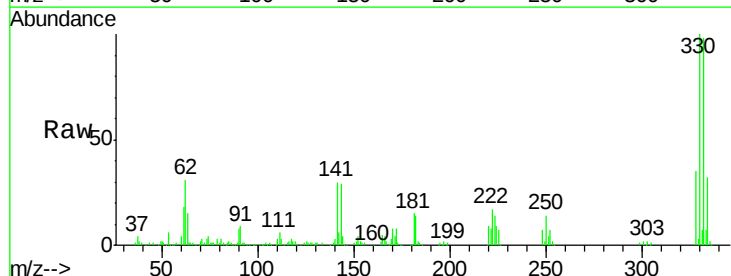


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

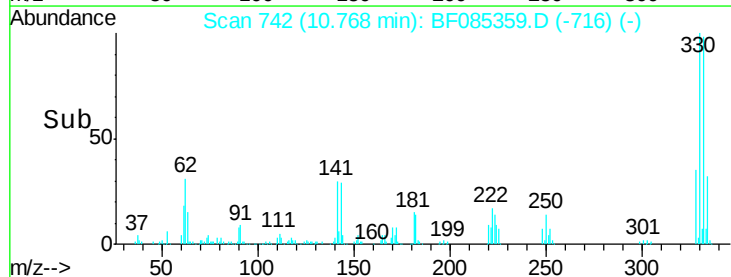
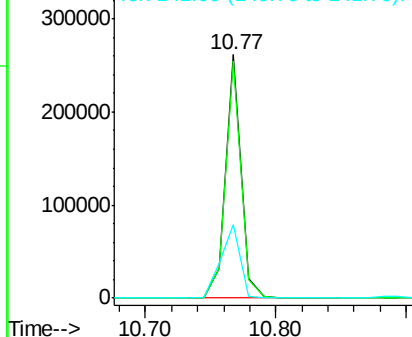


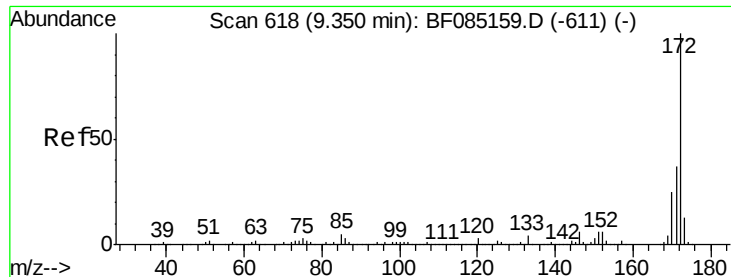
#41  
 2,4,6-Tribromophenol  
 Concen: 118.28 ng  
 RT: 10.77 min Scan# 742  
 Delta R.T. 0.00 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.7  | 77.1 | 115.7 |       |
| 141     | 38.3  | 35.0 | 52.6  |       |



Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E





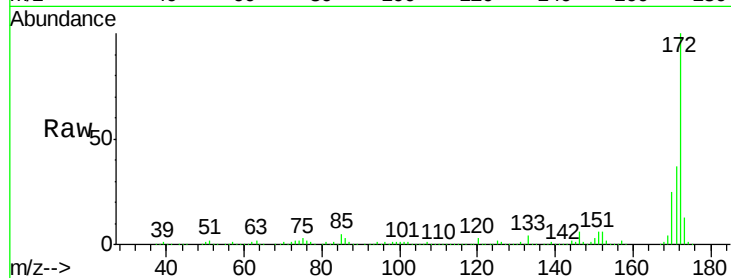
#44  
 2-Fluorobiphenyl  
 Concen: 94.05 ng  
 RT: 9.30 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE

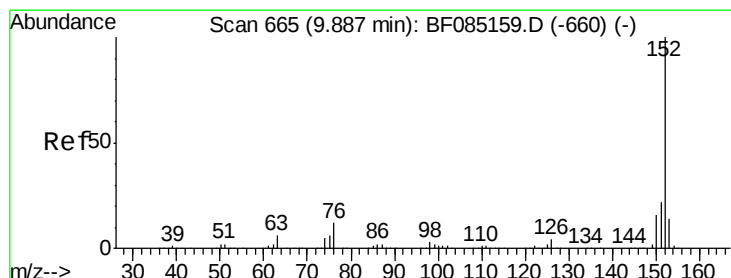
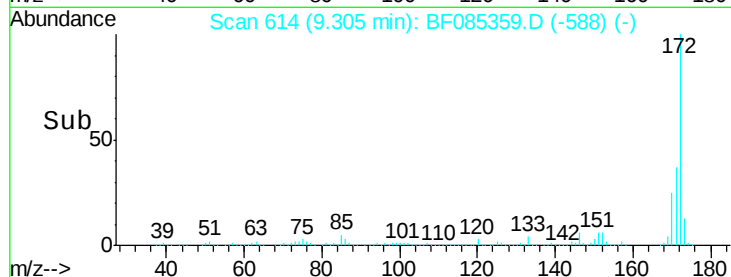
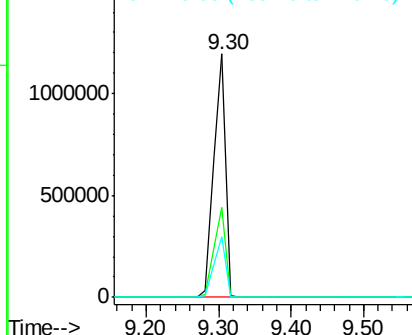
Tgt Ion:172 Resp: 1331765  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 29.3 43.9  
 170 24.7 20.0 30.0

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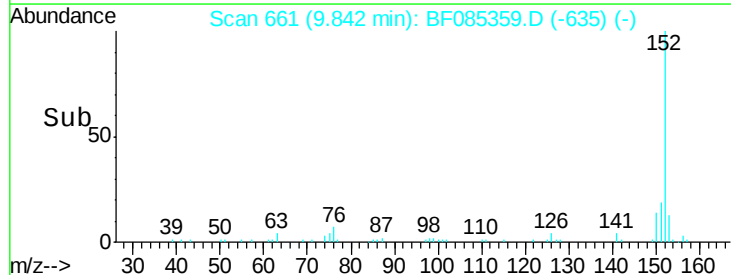
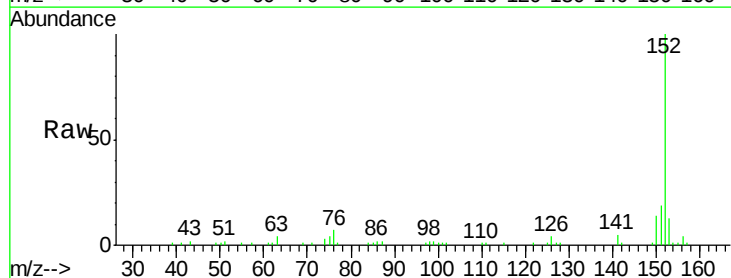
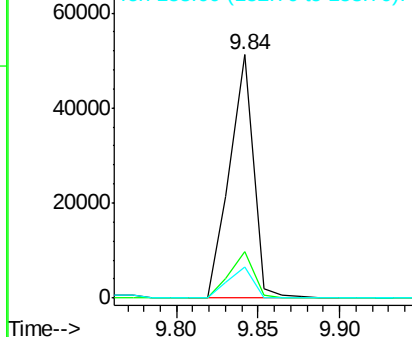
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

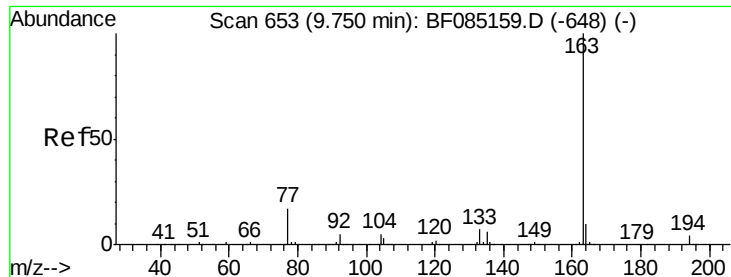


#48  
 Acenaphthylene  
 Concen: 2.37 ng  
 RT: 9.84 min Scan# 661  
 Delta R.T. 0.00 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

Tgt Ion:152 Resp: 51721  
 Ion Ratio Lower Upper  
 152 100  
 151 19.1 17.5 26.3  
 153 13.0 11.3 16.9

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





#49

Dimethylphthalate

Concen: 19.10 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

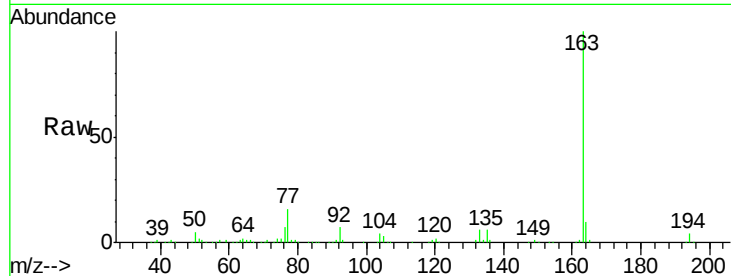
ClientSampled :

WASTE

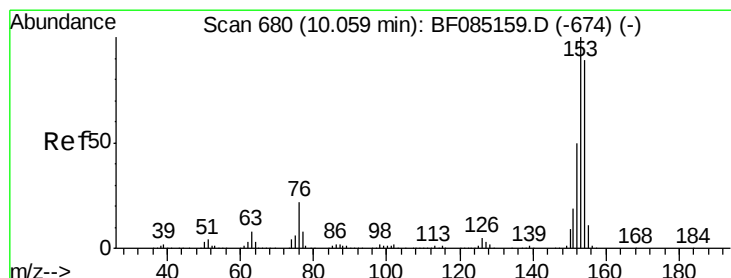
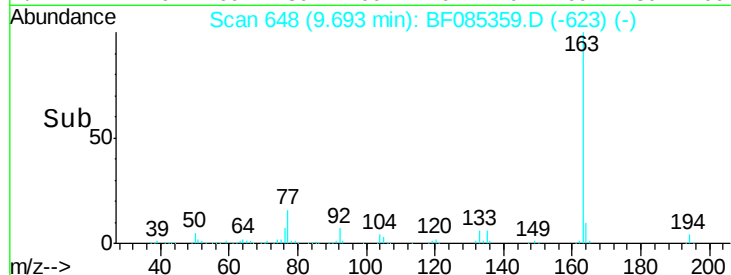
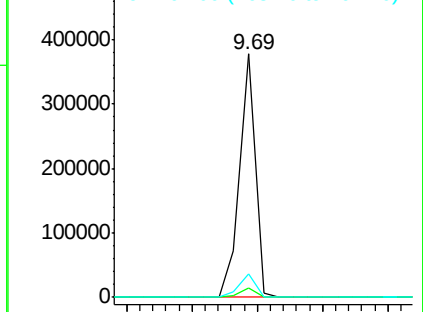
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 315719 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.7   | 3.1   | 4.7    |
| 164       | 9.7   | 8.2   | 12.4   |

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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: 3.38 ng

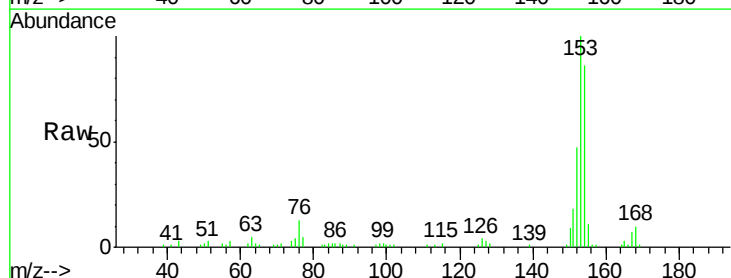
RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

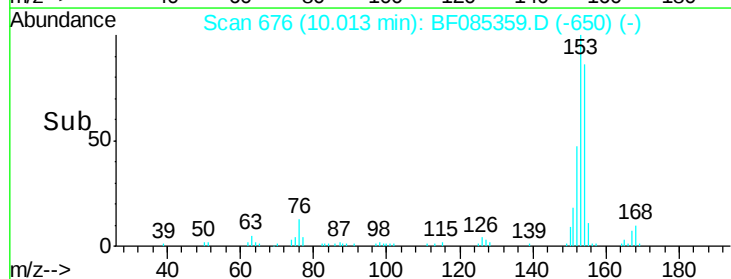
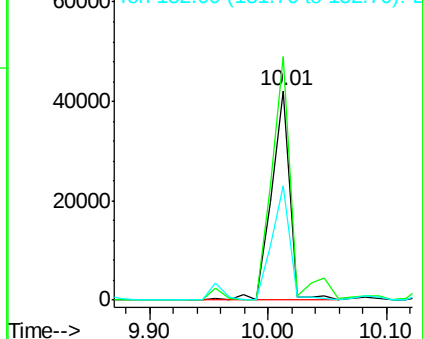
Lab File: BF085359.D

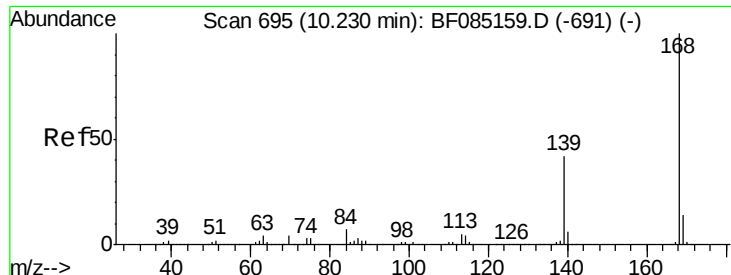
Acq: 11 Mar 2016 3:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 44753 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 116.3 | 89.8  | 134.8 |
| 152       | 54.7  | 44.6  | 66.8  |



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





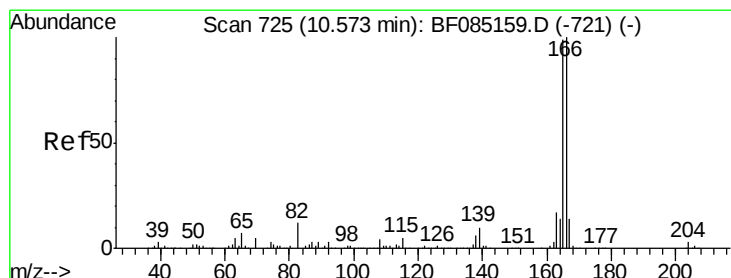
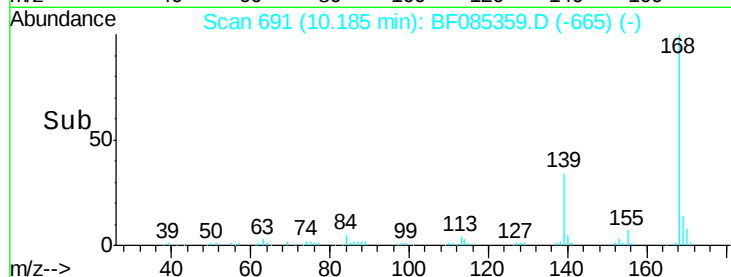
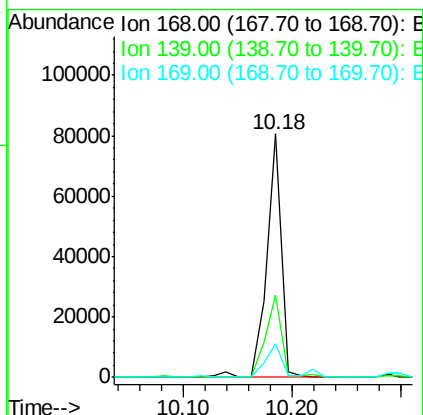
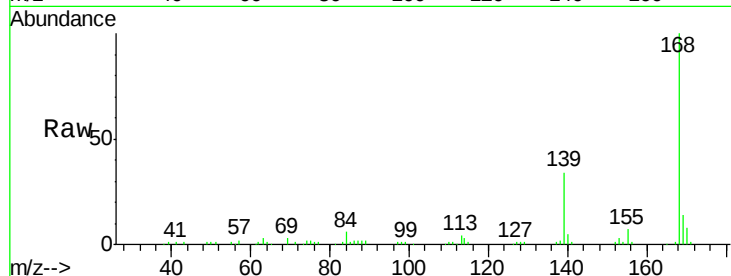
#54  
Dibenzenofuran  
Concen: 4.38 ng  
RT: 10.18 min Scan# 691  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

Instrument :  
BNA\_F  
ClientSampled :  
WASTE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 33.8  | 33.6  | 50.4  |
| 169     | 13.7  | 11.2  | 16.8  |

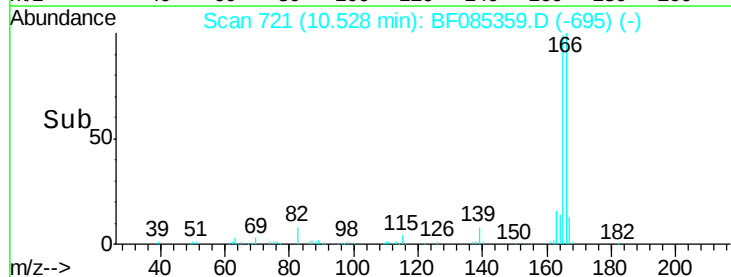
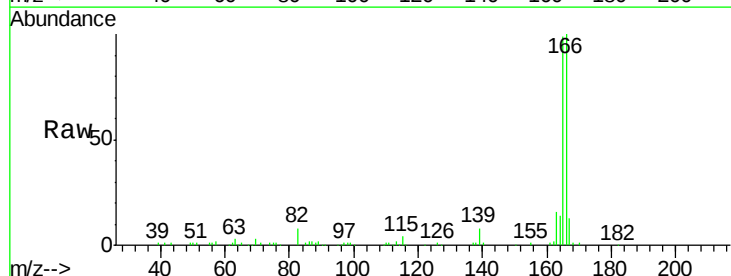
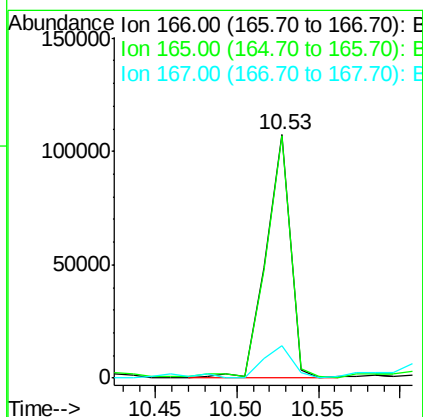
Manual Integrations  
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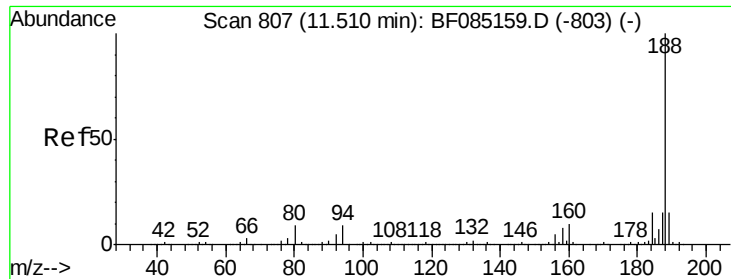
Sohil  
3/11/2016 4:58:46 PM



#57  
Fluorene  
Concen: 8.08 ng  
RT: 10.53 min Scan# 721  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.4  | 79.4  | 119.0 |
| 167     | 13.2  | 11.0  | 16.6  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

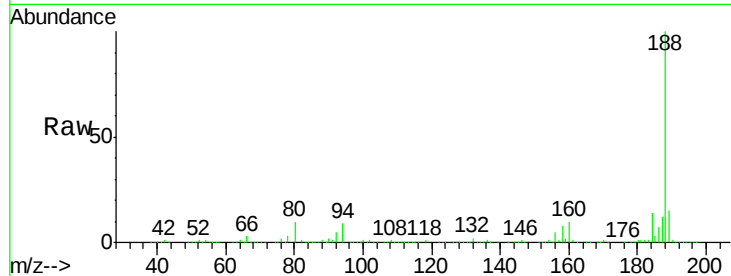
ClientSampled :

WASTE

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 349779 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.4   | 7.0   | 10.6   |
| 80        | 9.8   | 7.4   | 11.0   |

Manual Integrations  
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Sohil  
3/11/2016 4:58:46 PM

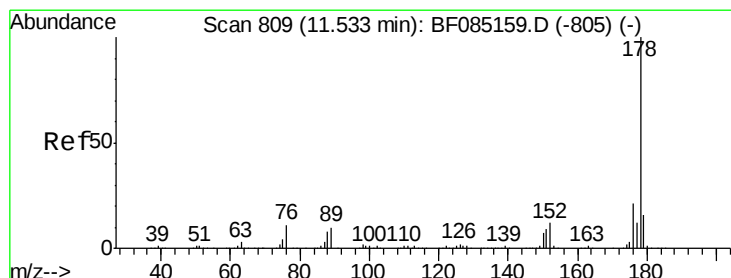
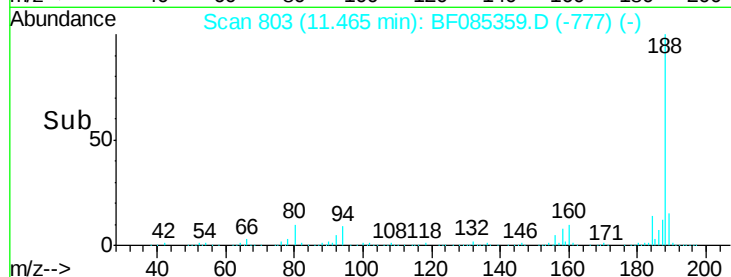


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#70

Phenanthrene

Concen: 70.31 ng

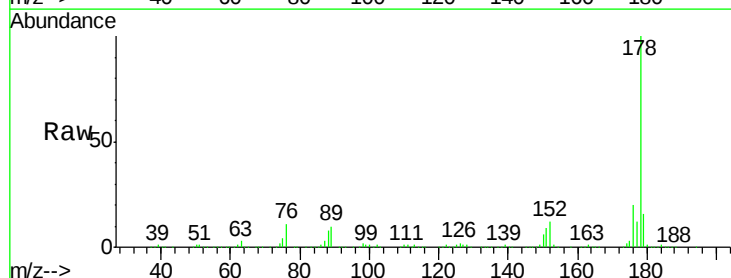
RT: 11.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 178   | Resp: | 1288828 |
| Ion Ratio | Lower | Upper |         |
| 178       | 100   |       |         |
| 176       | 19.8  | 16.8  | 25.2    |
| 179       | 16.1  | 13.1  | 19.7    |

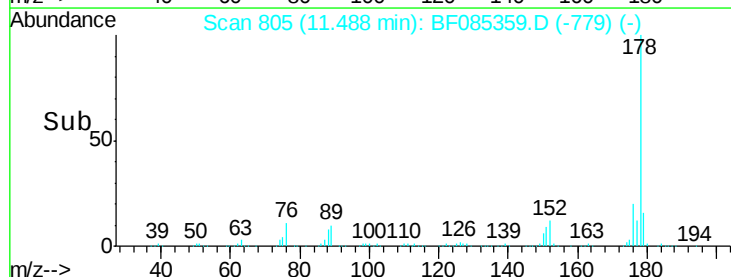


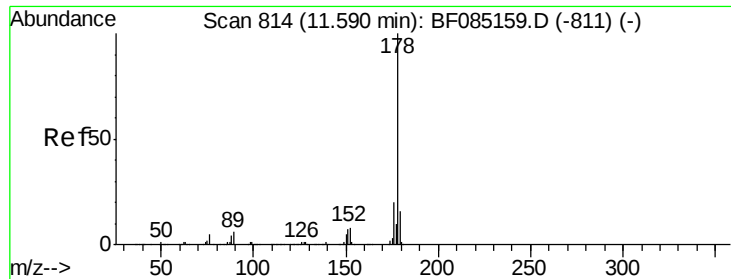
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->





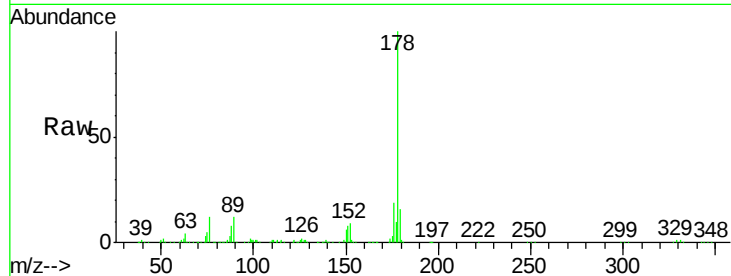
#71  
 Anthracene  
 Concen: 17.65 ng  
 RT: 11.53 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.9  | 23.9  |
| 179     | 16.1  | 12.5  | 18.7  |

Manual Integrations  
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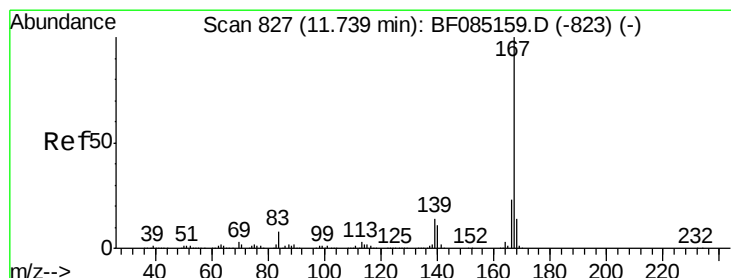
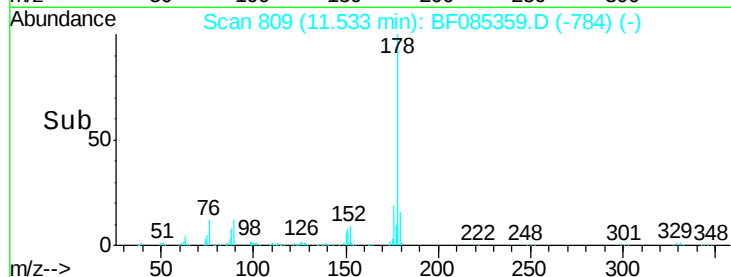
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

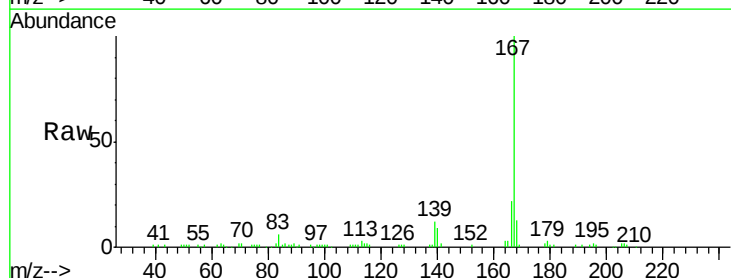
Ion 179.00 (178.70 to 179.70): E

Time-->



#72  
 Carbazole  
 Concen: 4.90 ng  
 RT: 11.69 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF085359.D  
 Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 18.2  | 27.2  |
| 139     | 11.6  | 11.4  | 17.0  |



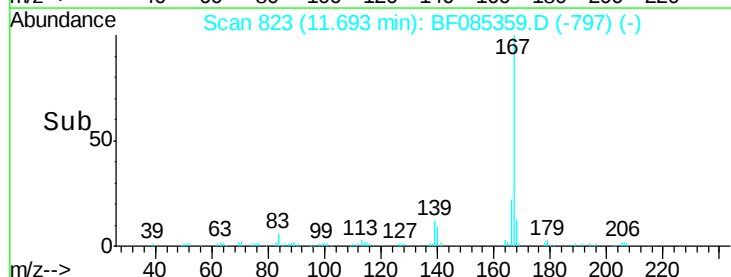
Abundance

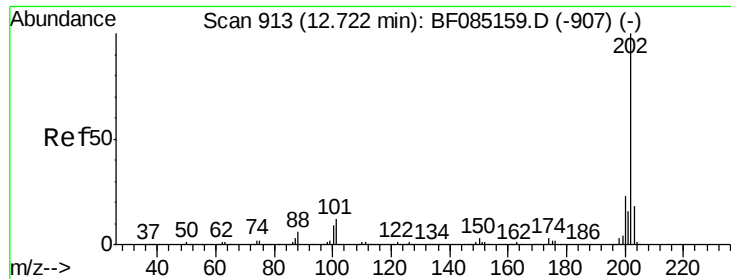
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#74

Fluoranthene

Concen: 87.19 ng

RT: 12.69 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

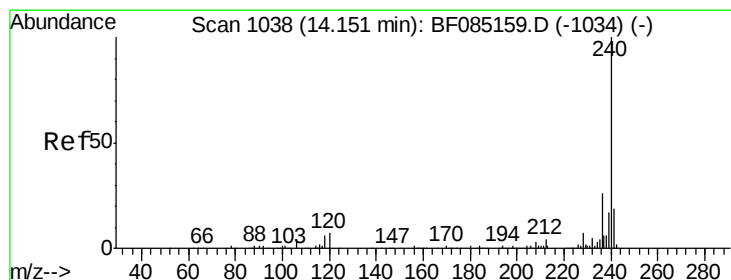
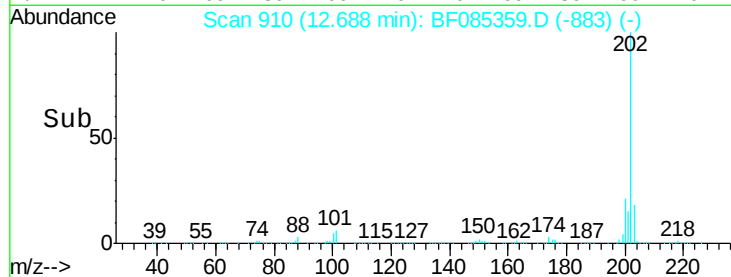
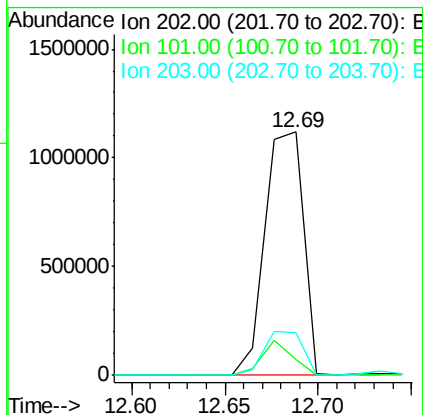
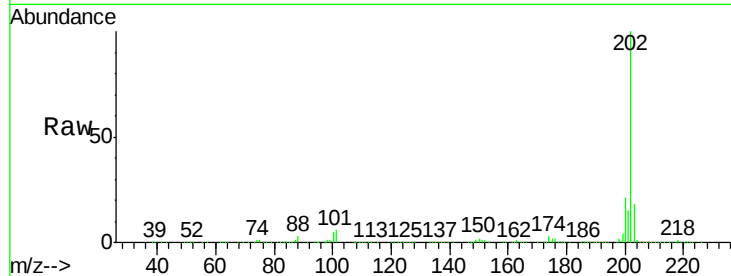
ClientSampleId :

WASTE

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1603935 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 6.3   | 0.0   | 31.8    |
| 203       | 17.8  | 0.0   | 38.4    |

Manual Integrations  
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#75

Chrysene-d12

Concen: 20.00 ng

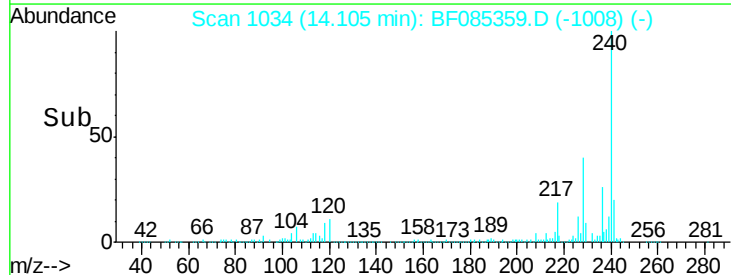
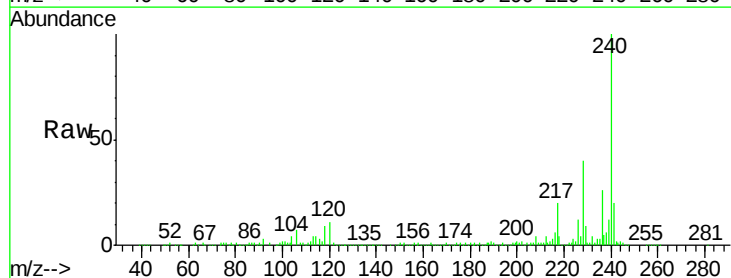
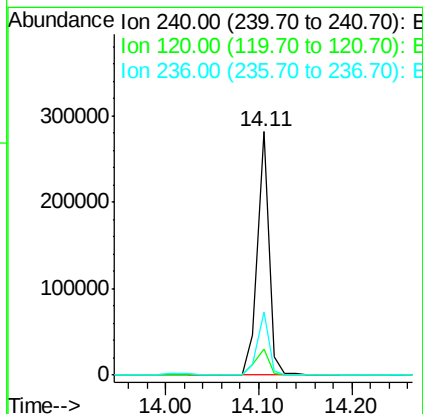
RT: 14.11 min Scan# 1034

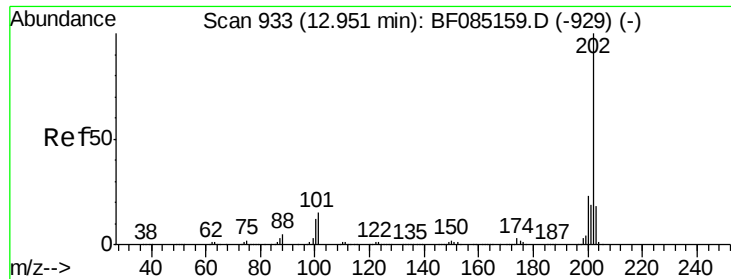
Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 244756 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.9  | 5.3   | 7.9#   |
| 236       | 25.9  | 20.7  | 31.1   |





#77

Pyrene

Concen: 67.41 ng

RT: 12.90 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

ClientSampleId :

WASTE

Tgt Ion: 202 Resp: 1241768

Ion Ratio Lower Upper

202 100

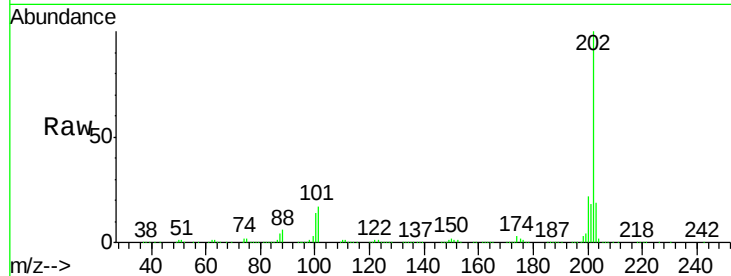
200 21.8 18.2 27.4

203 19.1 14.7 22.1

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Sohil

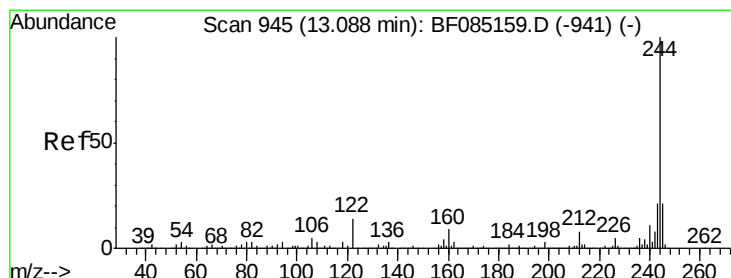
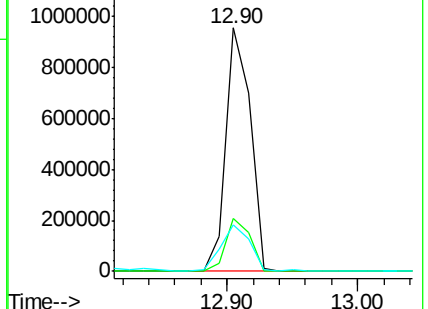
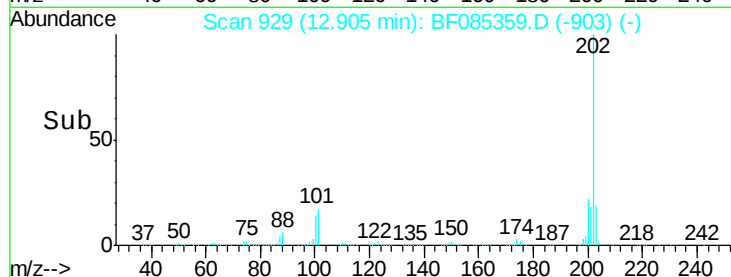
3/11/2016 4:58:46 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.37 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

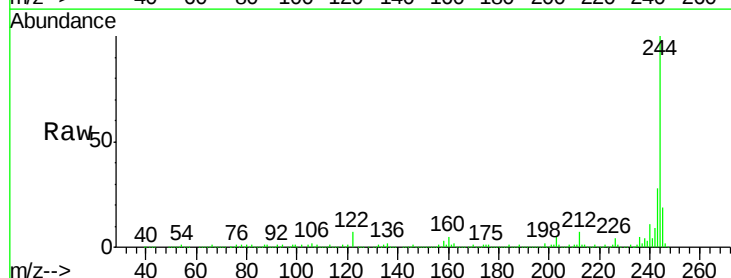
Tgt Ion: 244 Resp: 857966

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

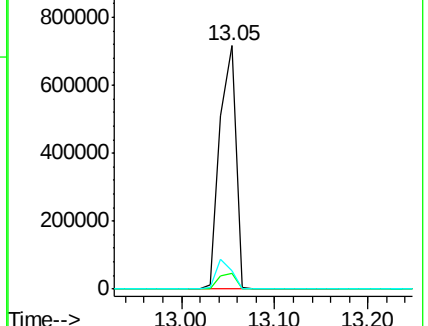
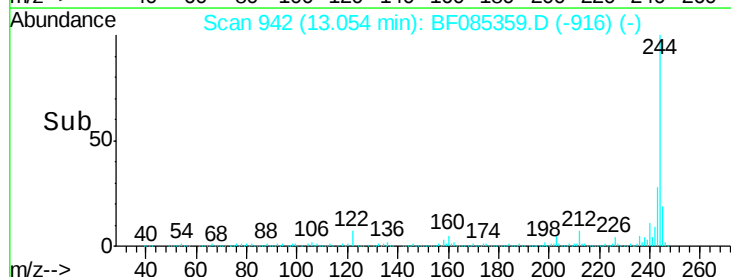
122 7.3 11.4 17.2#

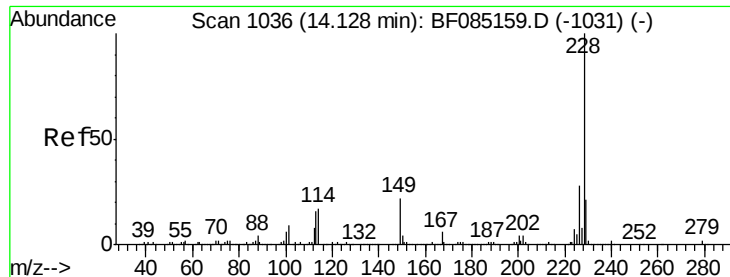


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





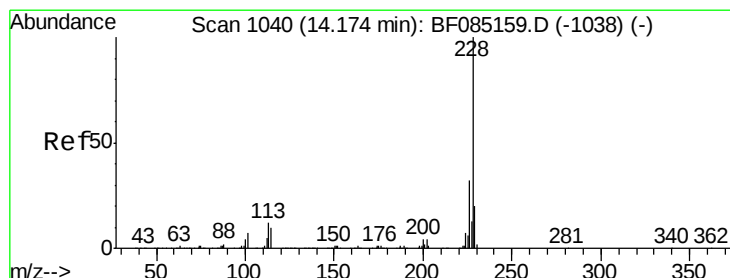
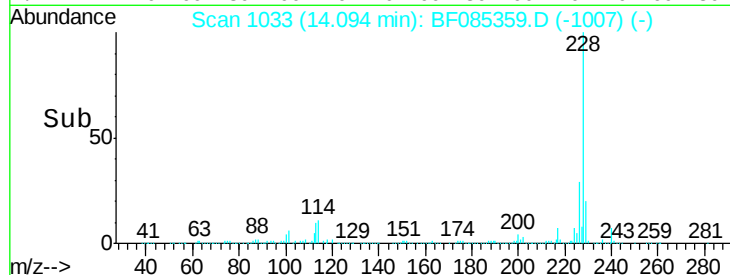
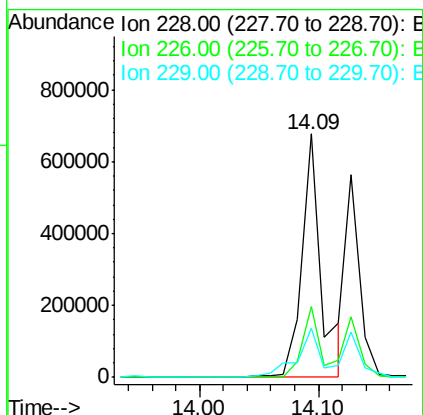
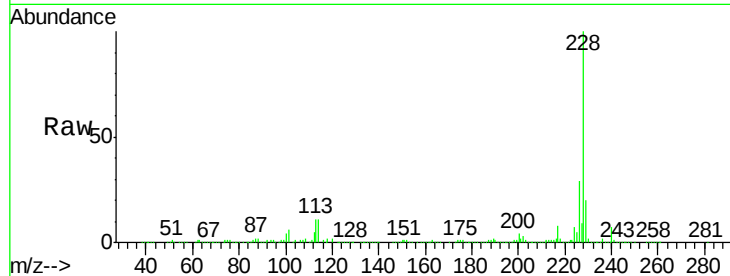
#80  
Benzo(a)anthracene  
Concen: 52.26 ng  
RT: 14.09 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 22.8  | 34.2  |
| 229     | 20.3  | 16.6  | 24.8  |

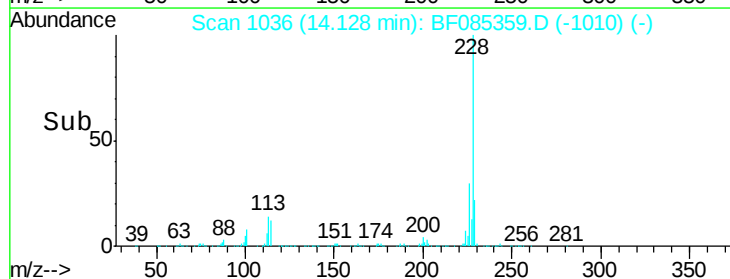
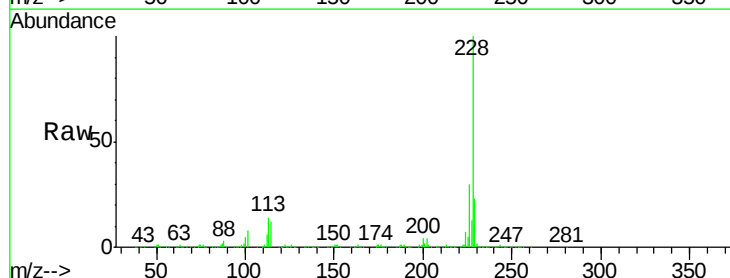
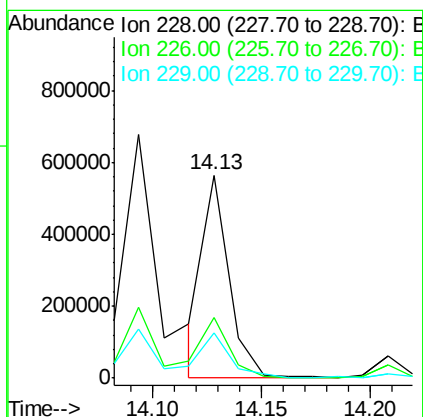
Manual Integrations  
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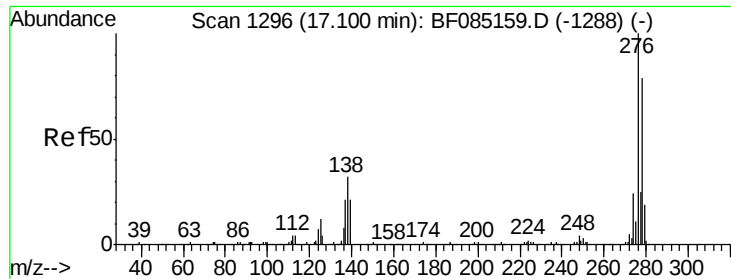
Sohil  
3/11/2016 4:58:46 PM



#82  
Chrysene  
Concen: 34.76 ng  
RT: 14.13 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 25.2  | 37.8  |
| 229     | 22.6  | 16.0  | 24.0  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.85 ng

RT: 17.02 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

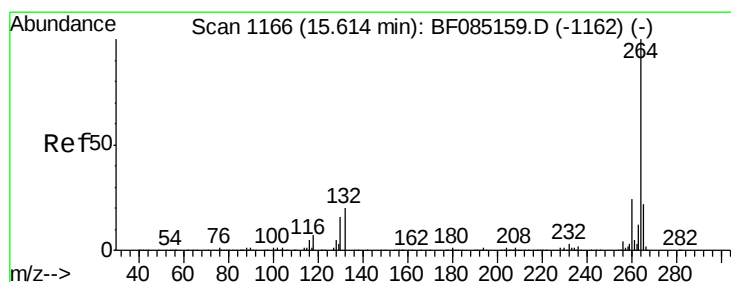
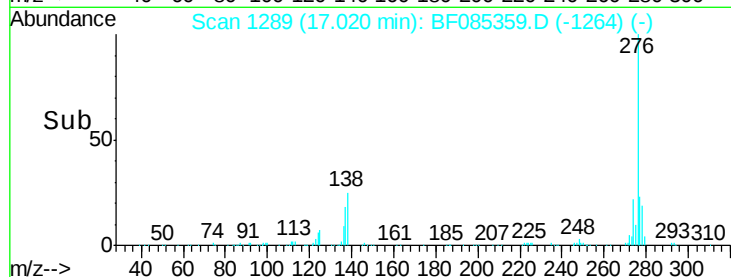
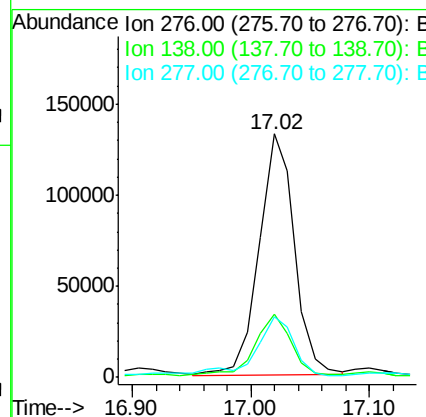
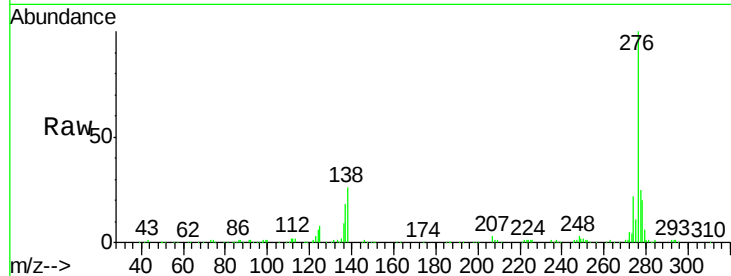
ClientSampleId :

WASTE

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 276 | 100  |       |       |       |
| 138 | 25.8 | 26.4  | 39.6# |       |
| 277 | 26.7 | 20.2  | 30.2  |       |

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Sohil  
3/11/2016 4:58:46 PM



#86

Perylene-d12

Concen: 20.00 ng

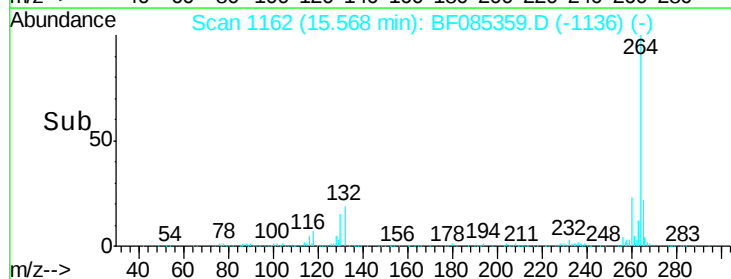
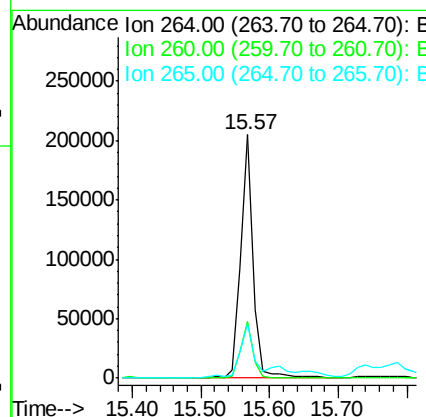
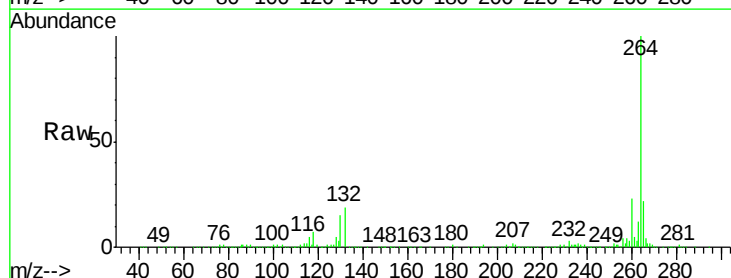
RT: 15.57 min Scan# 1162

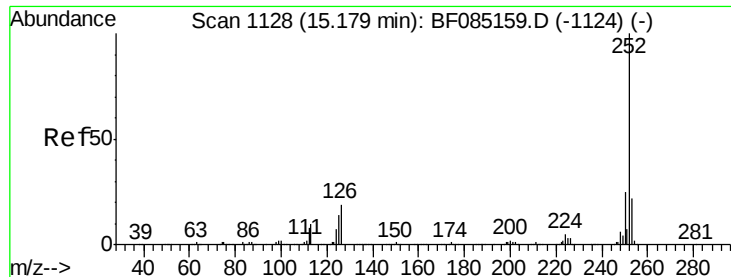
Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 264 | 100  |       |       |       |
| 260 | 23.3 | 19.2  | 28.8  |       |
| 265 | 22.3 | 17.3  | 25.9  |       |





#87

Benzo(b)fluoranthene

Concen: 40.56 ng m

RT: 15.15 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

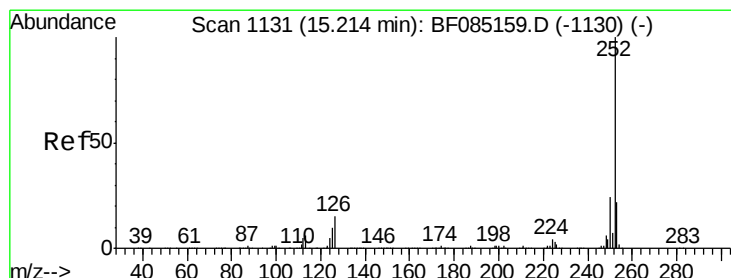
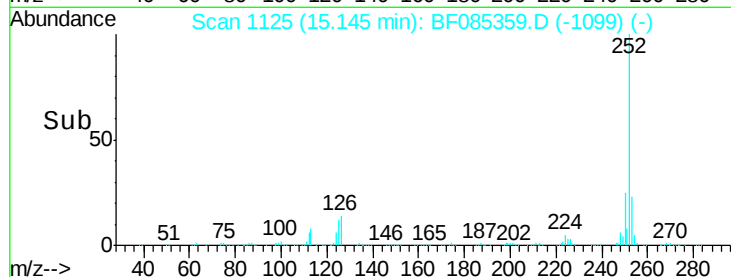
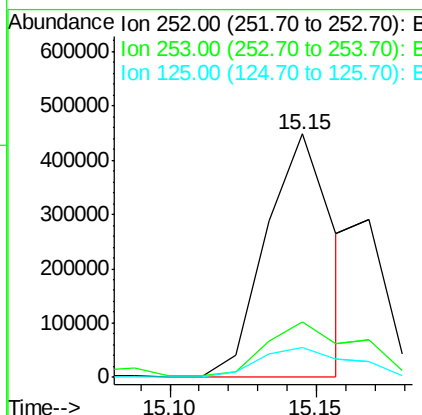
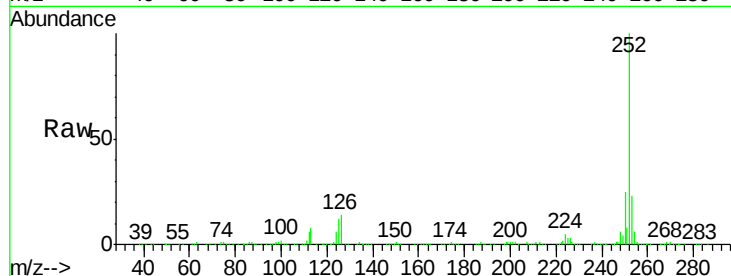
ClientSampleId :

WASTE

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 252 | 100  |       |       |       |
| 253 | 23.0 | 17.8  | 26.6  |       |
| 125 | 12.3 | 11.3  | 16.9  |       |

Manual Integrations  
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3/11/2016 4:58:46 PM



#88

Benzo(k)fluoranthene

Concen: 16.73 ng m

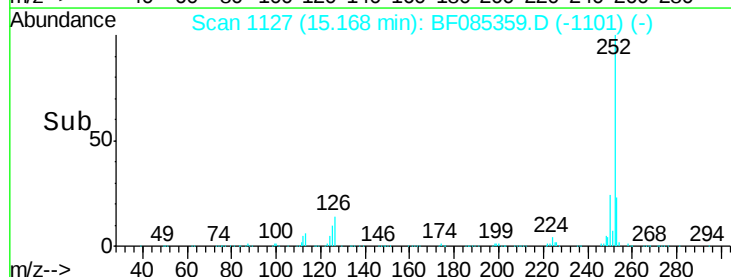
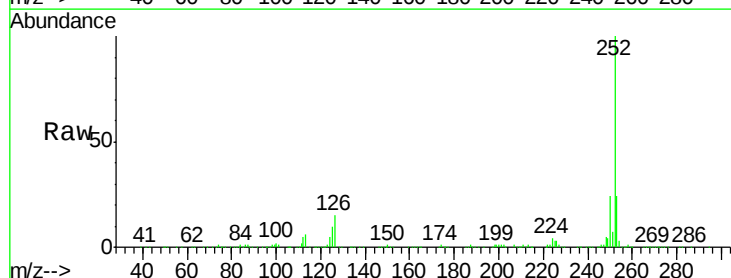
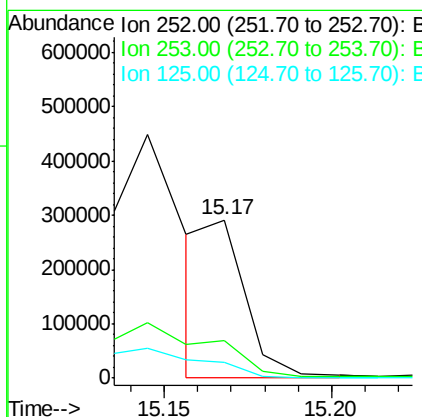
RT: 15.17 min Scan# 1127

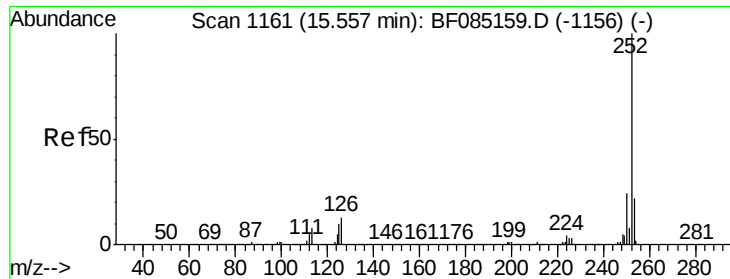
Delta R.T. 0.00 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 252 | 100  |       |       |       |
| 253 | 23.7 | 17.8  | 26.6  |       |
| 125 | 10.0 | 10.4  | 15.6  |       |





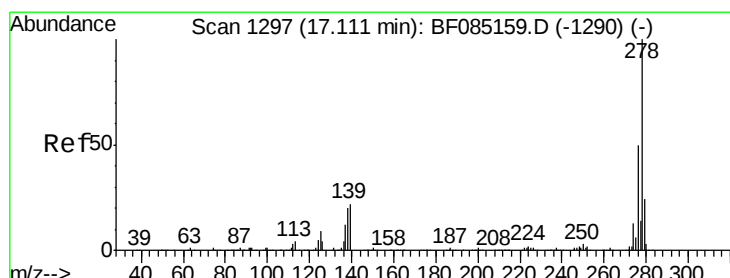
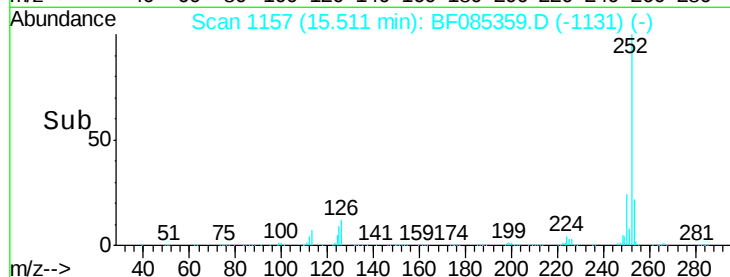
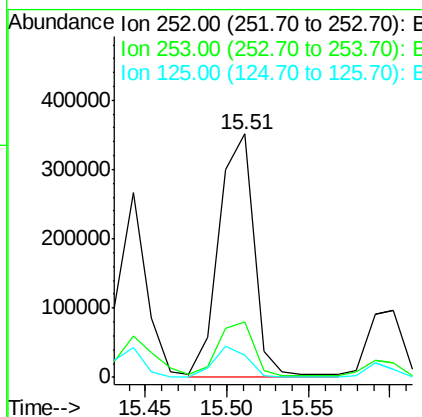
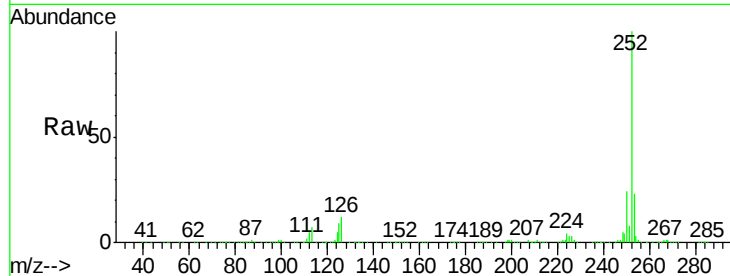
#89  
Benzo(a)pyrene  
Concen: 35.53 ng  
RT: 15.51 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.4  | 26.0  |
| 125     | 9.3   | 8.2   | 12.4  |

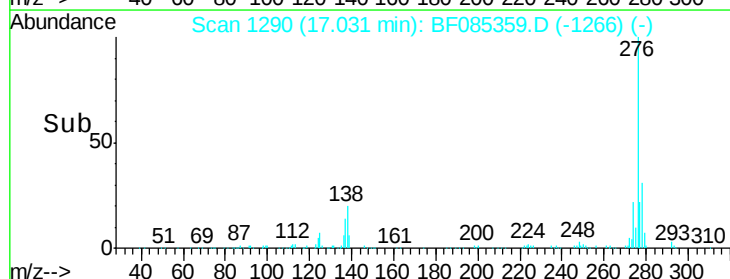
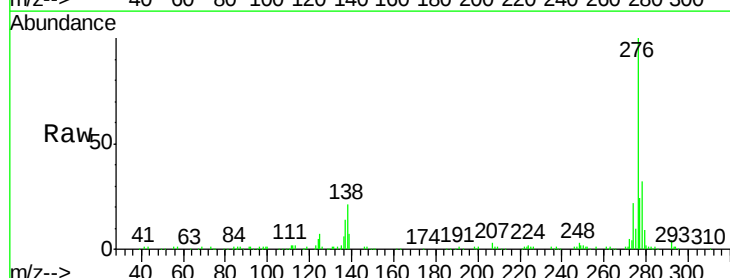
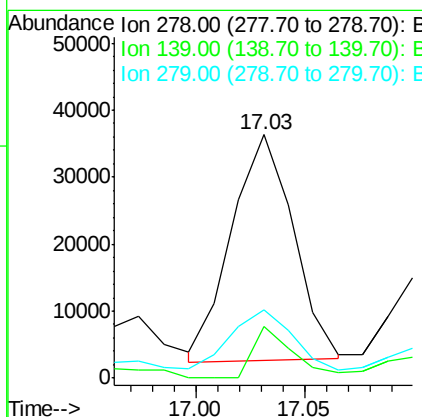
Manual Integrations  
APPROVED

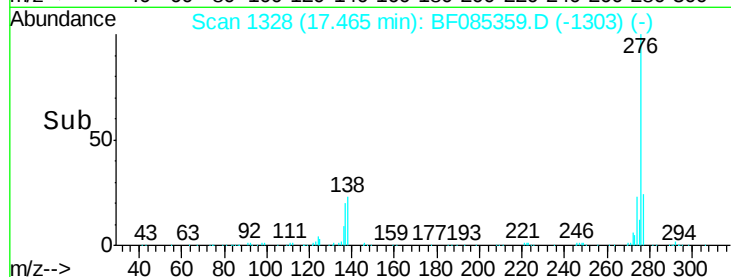
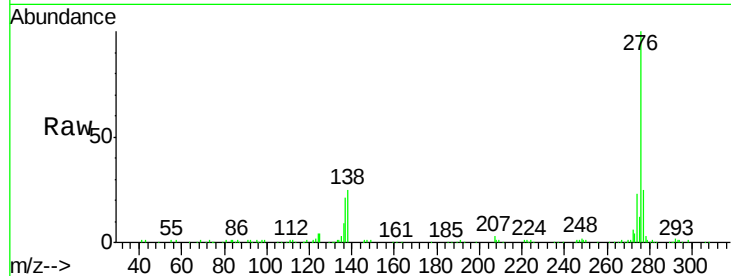
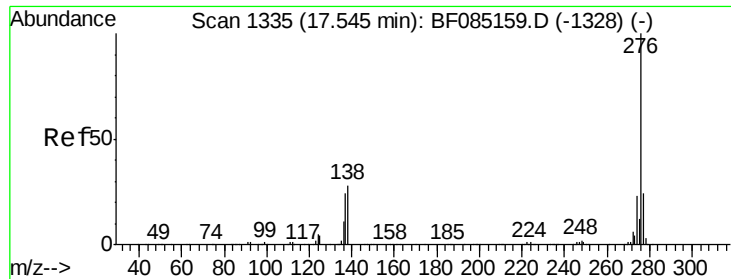
Sohil  
3/11/2016 4:58:46 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 5.37 ng  
RT: 17.03 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BF085359.D  
Acq: 11 Mar 2016 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.2  | 17.3  | 25.9  |
| 279     | 28.1  | 19.2  | 28.8  |





#91

Benzo(g,h,i)perylene

Concen: 18.83 ng

RT: 17.47 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF085359.D

Acq: 11 Mar 2016 3:39

Instrument :

BNA\_F

ClientSampleId :

WASTE

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 276 | 100  |       | 236200 |       |       |
| 277 | 24.8 | 19.0  | 28.4   |       |       |
| 138 | 24.8 | 22.5  | 33.7   |       |       |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:46 PM

