

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\  
 Data File : BF088503.D  
 Acq On : 29 Jun 2016 20:04  
 Operator : UM/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations

sohil  
 6/30/2016 7:46:42 PM

Quant Time: Jun 30 01:26:21 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 30 01:10:02 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 143810   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.11  | 136  | 566410   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.86  | 164  | 253526   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.34 | 188  | 427849   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.97 | 240  | 210366   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.36 | 264  | 274543   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 901598  | 105.05 | ng | 0.00 |
| 7) Phenol-d6             | 6.46  | 99  | 1075287 | 102.12 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 1067624 | 108.32 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 180026  | 70.43  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.19  | 172 | 1479379 | 77.32  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.91 | 244 | 978137  | 102.37 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.41 | 88  | 220204  | 52.51 | ng | # 29   |
| 3) Pyridine                    | 3.10 | 79  | 650703  | 64.07 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 266454  | 62.21 | ng | 99     |
| 6) Aniline                     | 6.49 | 93  | 851791  | 56.72 | ng | 96     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 453522  | 45.39 | ng | 97     |
| 9) Benzaldehyde                | 6.36 | 77  | 240101  | 36.72 | ng | 98     |
| 10) Phenol                     | 6.47 | 94  | 663320  | 50.82 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 464455  | 50.57 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 508954  | 47.39 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 530703  | 48.66 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 436975  | 44.95 | ng | 99     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 488607  | 59.13 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45  | 711143  | 56.97 | ng | 100    |
| 17) 2-Methylphenol             | 7.08 | 107 | 427806  | 52.48 | ng | 96     |
| 18) Hexachloroethane           | 7.34 | 117 | 197981  | 51.32 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 384269  | 56.48 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 427168  | 44.70 | ng | 99     |
| 22) Acetophenone               | 7.24 | 105 | 666626  | 52.33 | ng | # 78   |
| 24) Nitrobenzene               | 7.40 | 77  | 514097  | 53.10 | ng | 98     |
| 25) Isophorone                 | 7.66 | 82  | 1038691 | 56.30 | ng | 97     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 208321  | 43.08 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 469665  | 51.03 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 585649  | 51.74 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 379926  | 48.82 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 405941  | 47.91 | ng | 99     |
| 31) Naphthalene                | 8.14 | 128 | 1383434 | 48.78 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 157580  | 34.05 | ng | 96     |
| 33) 4-Chloroaniline            | 8.18 | 127 | 623662  | 50.12 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 201859  | 45.86 | ng | 98     |
| 35) Caprolactam                | 8.56 | 113 | 123987  | 49.57 | ng | # 66   |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 432493  | 51.61 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 873355  | 47.44 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 322764  | 43.51 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 8.98 | 237 | 207686  | 50.53 | ng | 99     |

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## Manual Integrations

sohil  
 6/30/2016 7:46:42 PM

Quant Time: Jun 30 01:26:21 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 30 01:10:02 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.10  | 196  | 239089   | 47.15 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 242816m  | 45.96 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.29  | 154  | 986786   | 47.63 | nq    | 93       |
| 46) 2-Chloronaphthalene        | 9.30  | 162  | 770972   | 46.74 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 238941   | 50.20 | nq    | 98       |
| 48) Acenaphthylene             | 9.72  | 152  | 1286051  | 48.66 | nq    | 99       |
| 49) Dimethylphthalate          | 9.59  | 163  | 807481   | 43.47 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 198121   | 46.15 | nq    | 92       |
| 51) Acenaphthene               | 9.90  | 154  | 765856   | 46.90 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.80  | 138  | 211477   | 44.77 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 41591    | 31.19 | nq    | 94       |
| 54) Dibenzofuran               | 10.07 | 168  | 1118108  | 49.63 | nq    | 97       |
| 55) 4-Nitrophenol              | 9.96  | 139  | 153632   | 42.98 | nq    | # 55     |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 258343   | 47.10 | nq    | # 88     |
| 57) Fluorene                   | 10.40 | 166  | 712729   | 40.71 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 190198   | 46.70 | nq    | 96       |
| 59) Diethylphthalate           | 10.28 | 149  | 841108   | 44.80 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 317449   | 42.35 | nq    | 98       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 197462   | 44.09 | nq    | 90       |
| 62) Azobenzene                 | 10.56 | 77   | 1126857  | 59.28 | nq    | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 66836    | 32.39 | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 669603   | 47.53 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 226974   | 49.68 | nq    | 97       |
| 67) Hexachlorobenzene          | 10.95 | 284  | 206973   | 43.62 | nq    | 99       |
| 68) Atrazine                   | 11.04 | 200  | 201882   | 47.71 | nq    | 99       |
| 69) Pentachlorophenol          | 11.14 | 266  | 116989   | 48.25 | nq    | 99       |
| 70) Phenanthrene               | 11.36 | 178  | 1022642  | 45.18 | nq    | 100      |
| 71) Anthracene                 | 11.42 | 178  | 1165706  | 51.47 | nq    | 100      |
| 72) Carbazole                  | 11.56 | 167  | 1016037  | 47.50 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.91 | 149  | 1251313  | 46.83 | nq    | 100      |
| 74) Fluoranthene               | 12.54 | 202  | 892767   | 38.72 | nq    | 100      |
| 76) Benzidine                  | 12.66 | 184  | 334157   | 55.40 | nq    | 99       |
| 77) Pyrene                     | 12.77 | 202  | 868091   | 53.83 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 391669   | 55.22 | nq    | 98       |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 718400   | 56.90 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 250903   | 72.91 | nq    | 99       |
| 82) Chrysene                   | 13.99 | 228  | 679225   | 57.61 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 538992   | 60.22 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 942749   | 65.15 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 917662   | 80.86 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 786429   | 42.00 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 14.99 | 252  | 610679m  | 41.88 | nq    |          |
| 89) Benzo(a)pyrene             | 15.30 | 252  | 723047   | 47.00 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.74 | 278  | 748217   | 51.51 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 17.13 | 276  | 785545   | 52.55 | nq    | # 93     |

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

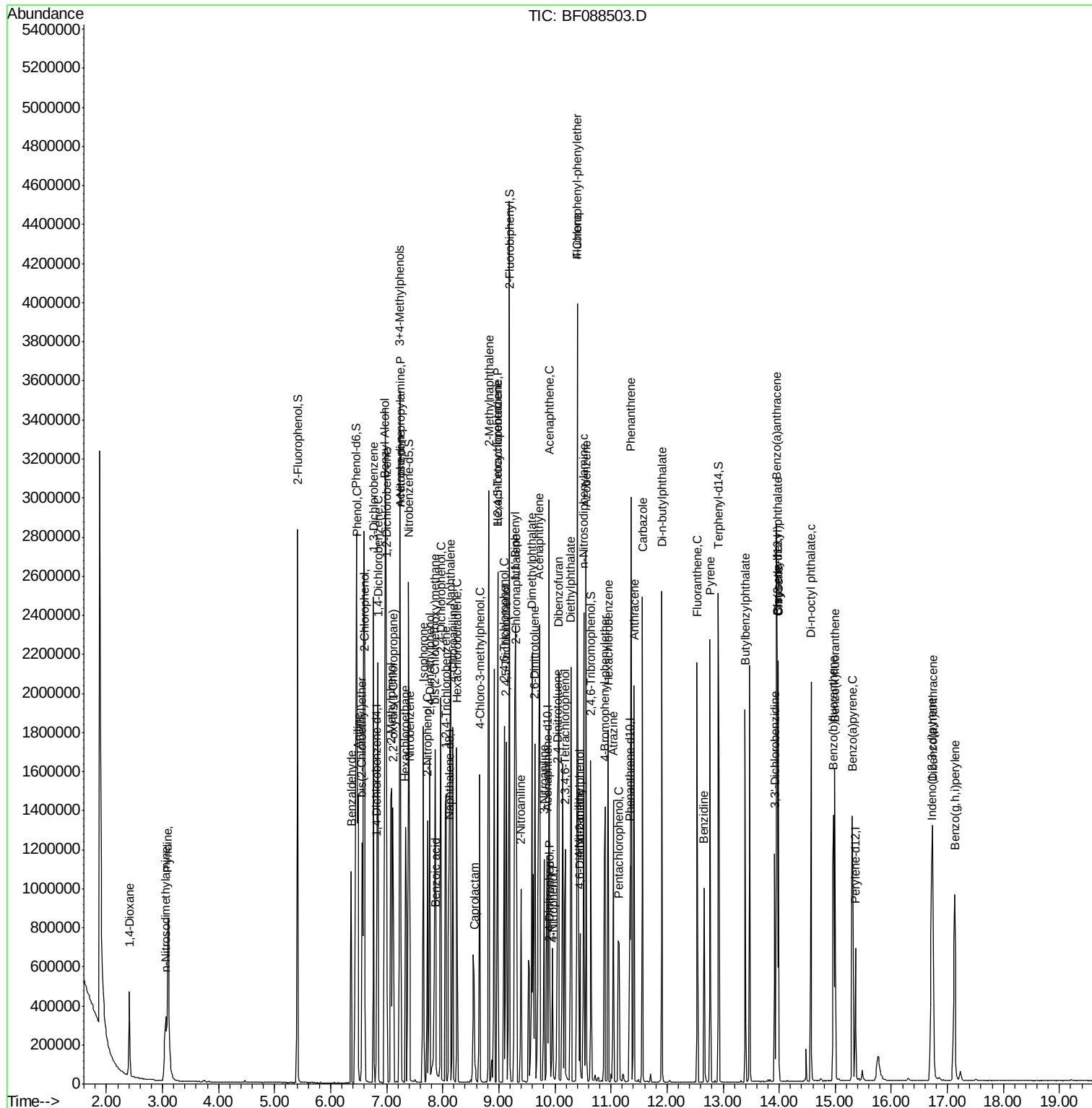
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088503.D
Acq On    : 29 Jun 2016   20:04
Operator  : UM/SJ
Sample    : SSTDICC050
Misc      :
ALS Vial  : 6      Sample Multiplier: 1
```

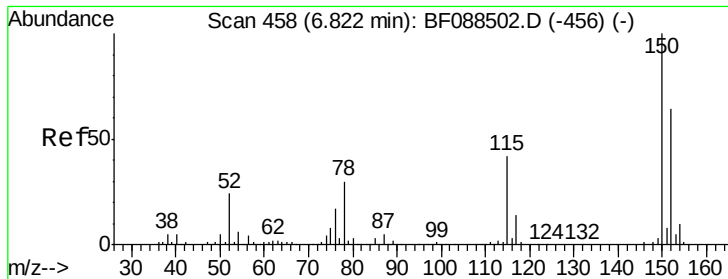
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC050

## Manual Integrations

sohil  
6/30/2016 7:46:42 PM

Quant Time: Jun 30 01:26:21 2016  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 30 01:10:02 2016  
Response via : Initial Calibration





#1

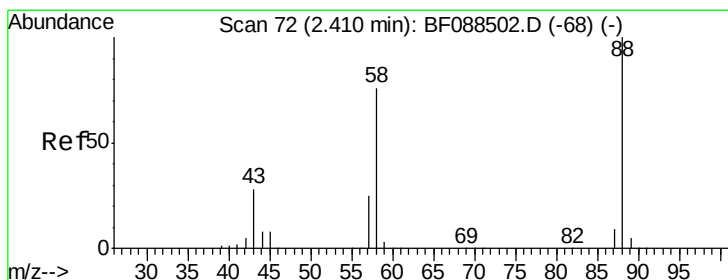
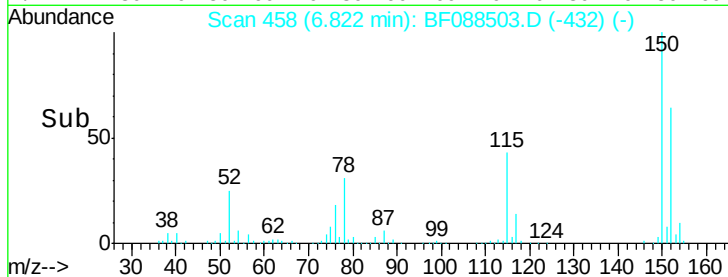
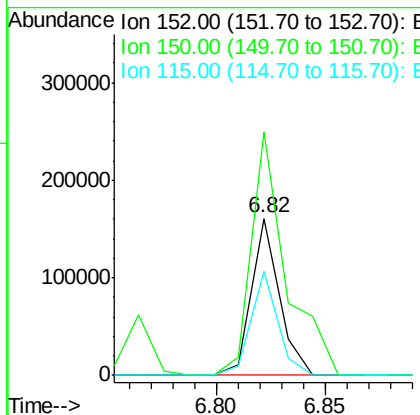
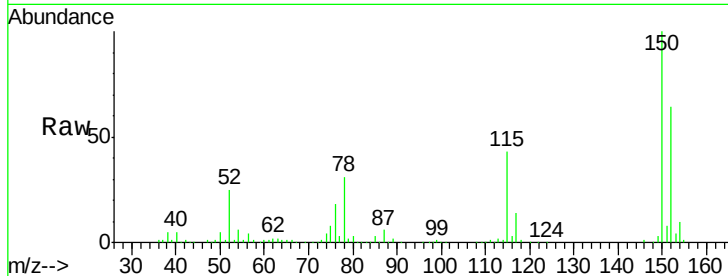
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.82 min Scan# 458  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.3 | 124.5 | 186.7 |
| 115     | 66.5  | 52.3  | 78.5  |

Manual Integrations

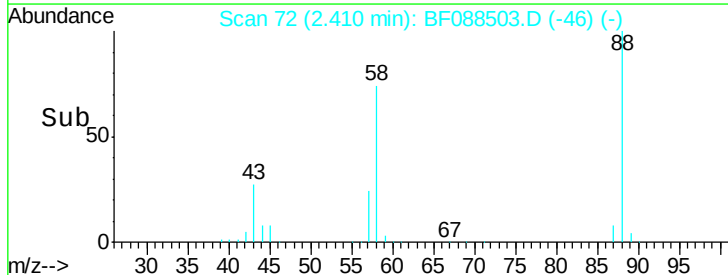
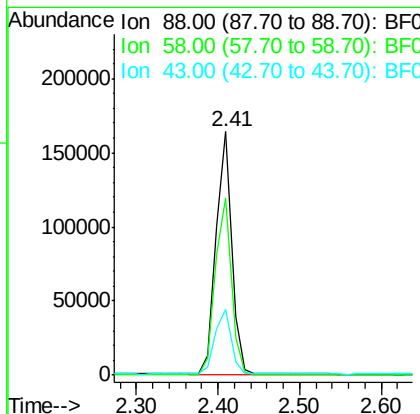
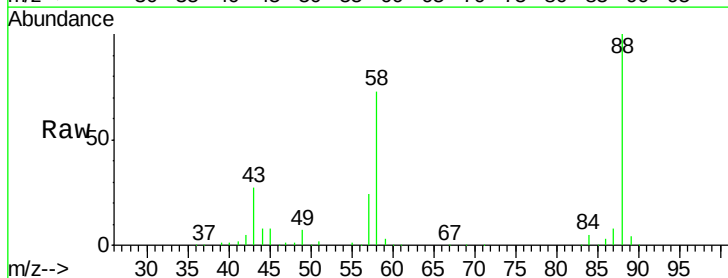
sohil  
6/30/2016 7:46:42 PM

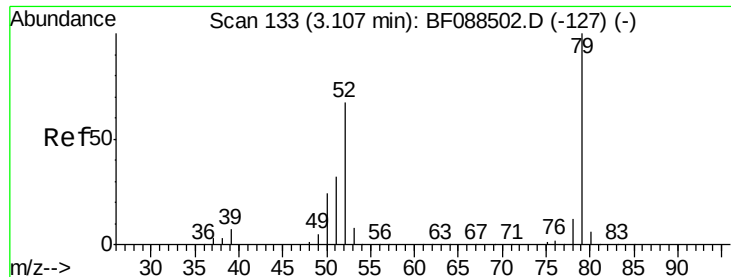


#2

1,4-Dioxane  
Concen: 52.51 ng  
RT: 2.41 min Scan# 72  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.8  | 0.0   | 0.0#  |
| 43      | 27.3  | 3.2   | 4.8#  |





#3

Pvridine

Concen: 64.07 ng

RT: 3.10 min Scan# 132

Delta R.T. -0.01 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 650703

Ion Ratio Lower Upper

79 100

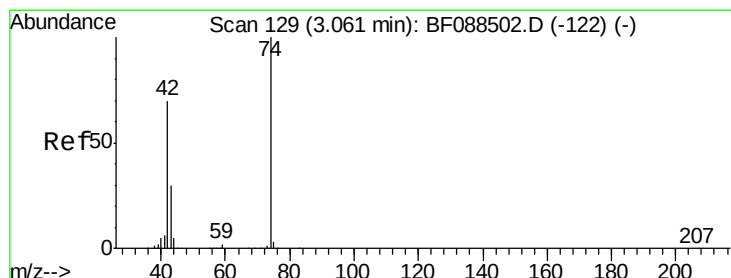
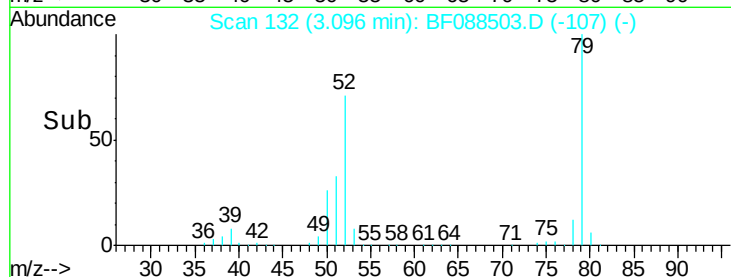
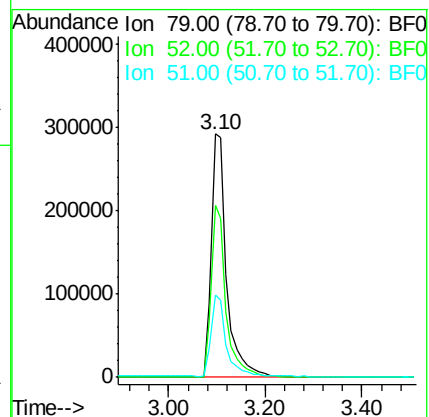
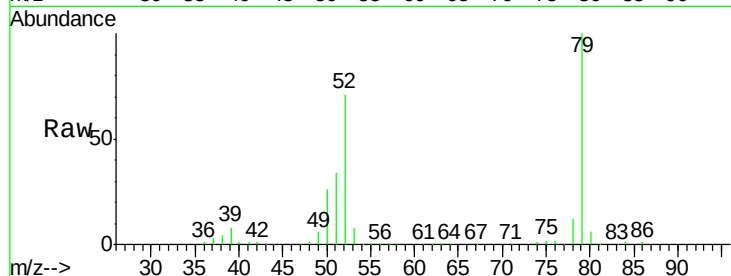
52 70.5 53.4 80.0

51 34.1 25.8 38.6

Manual Integrations

sohil

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#4

n-Nitrosodimethylamine

Concen: 62.21 ng

RT: 3.06 min Scan# 129

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

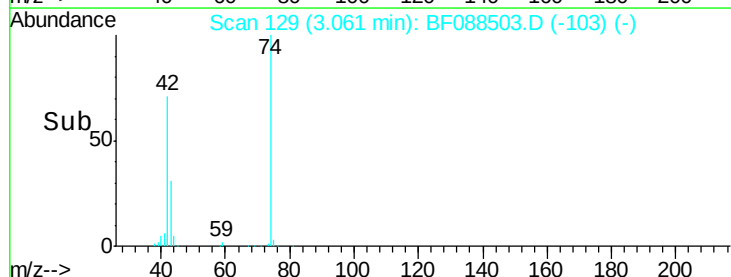
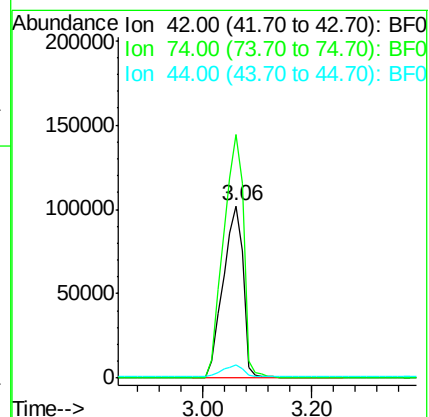
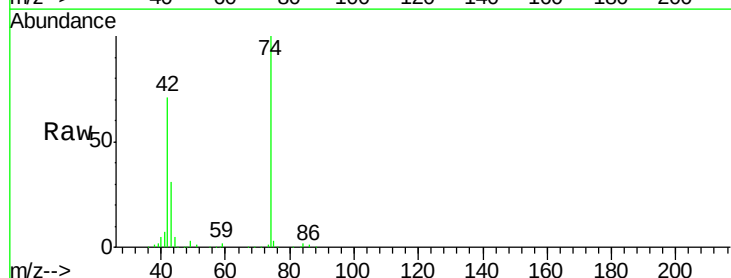
Tgt Ion: 42 Resp: 266454

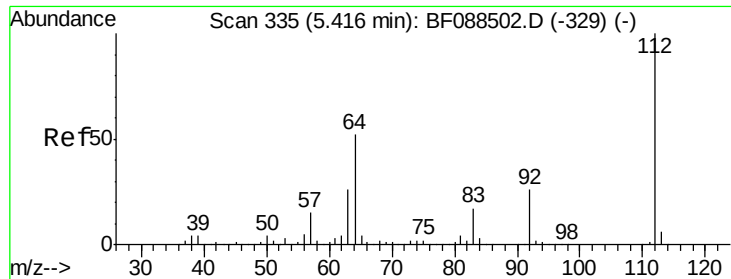
Ion Ratio Lower Upper

42 100

74 141.4 113.7 170.5

44 7.5 6.4 9.6





#5

2-Fluorophenol

Concen: 105.05 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

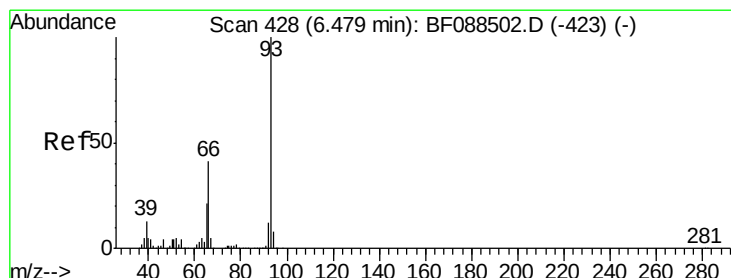
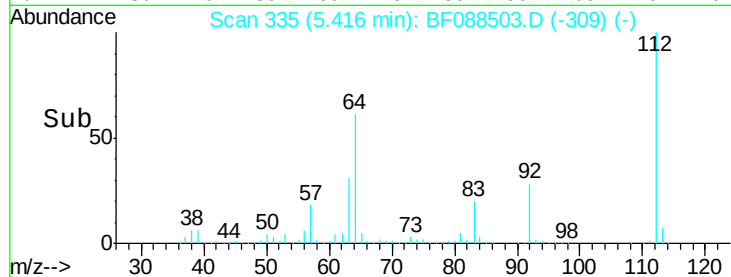
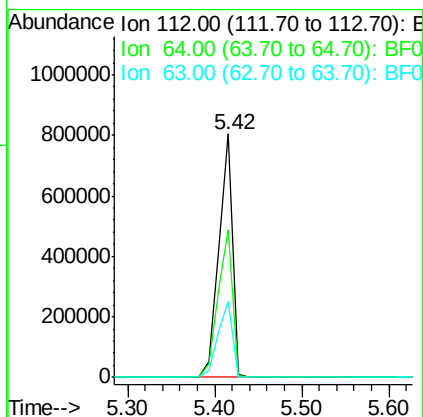
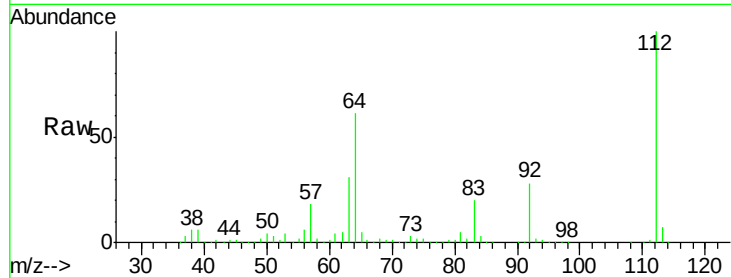
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 901598 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.6  | 41.5  | 62.3   |
| 63        | 31.1  | 20.6  | 31.0   |

Manual Integrations

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#6

Aniline

Concen: 56.72 ng

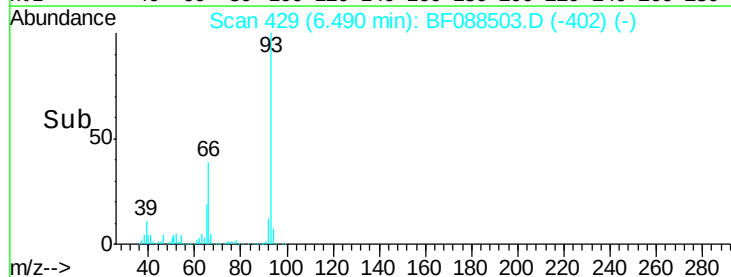
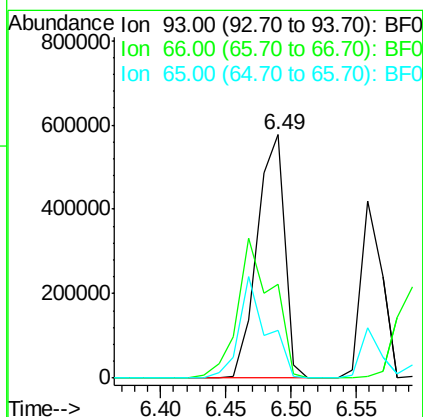
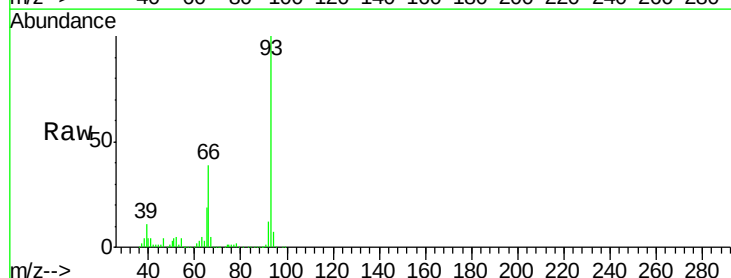
RT: 6.49 min Scan# 429

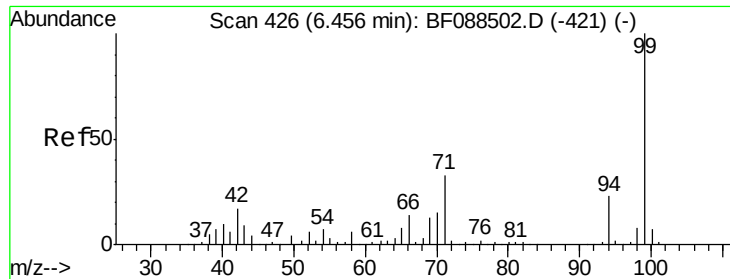
Delta R.T. 0.01 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 851791 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.6  | 33.0  | 49.6   |
| 65        | 19.4  | 16.5  | 24.7   |





#7

Phenol-d6

Concen: 102.12 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1075287

Ion Ratio Lower Upper

99 100

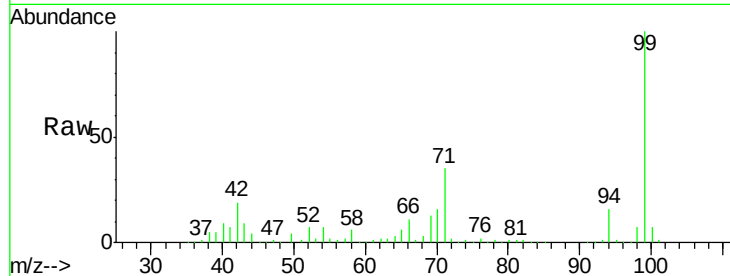
42 18.7 13.4 20.0

71 34.6 26.1 39.1

Manual Integrations

sohil

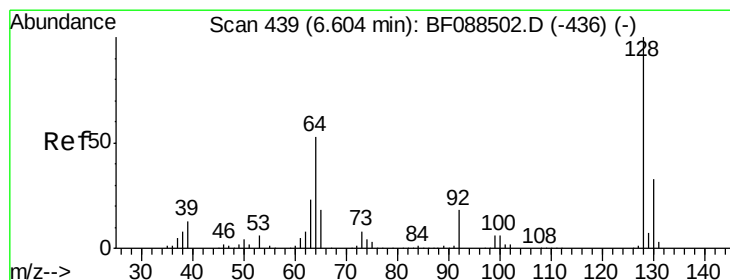
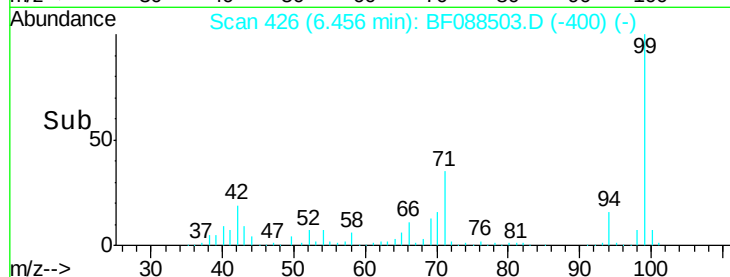
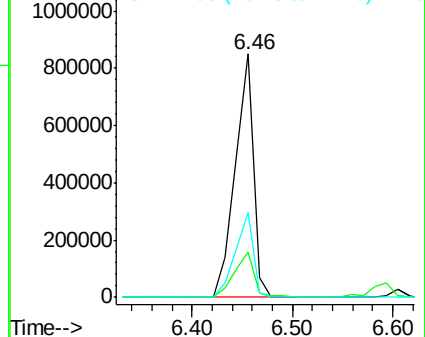
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.39 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

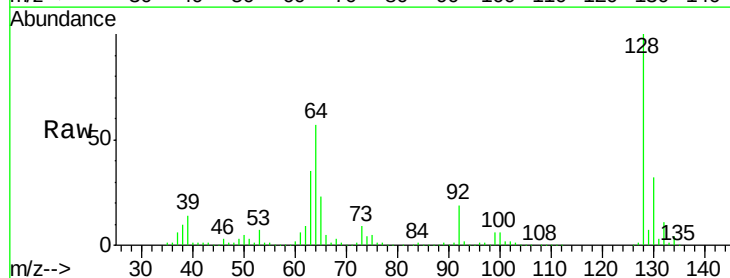
Tgt Ion: 128 Resp: 453522

Ion Ratio Lower Upper

128 100

130 32.4 13.2 53.2

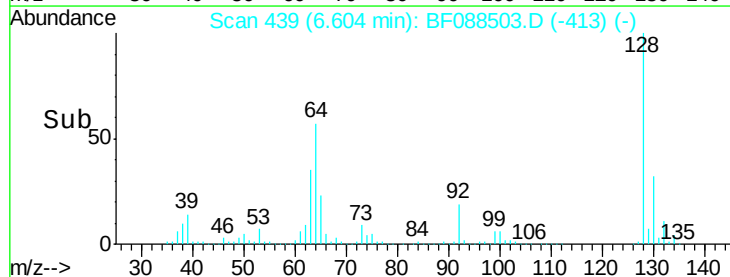
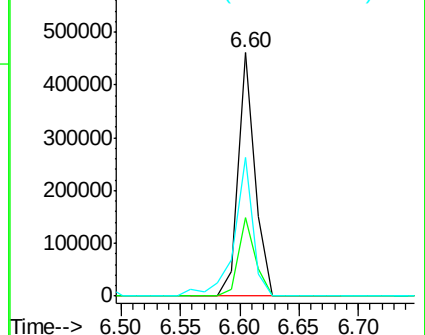
64 57.1 34.3 74.3



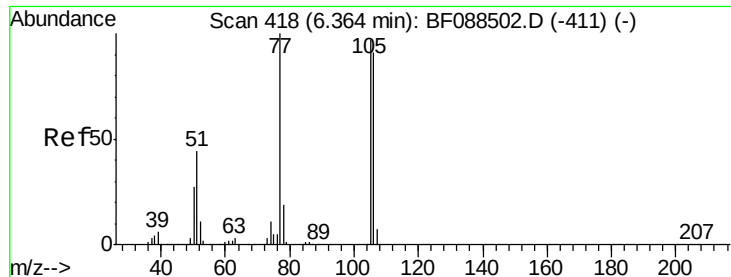
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 36.72 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

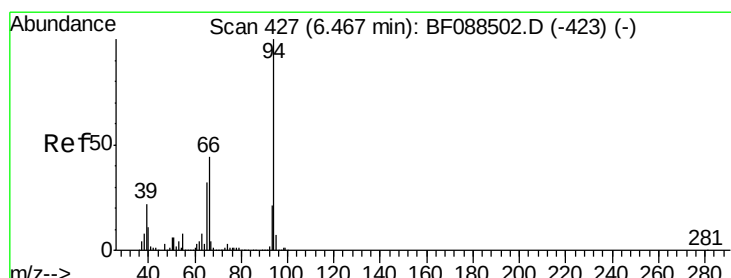
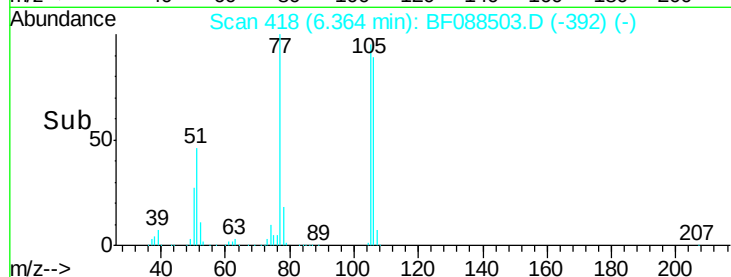
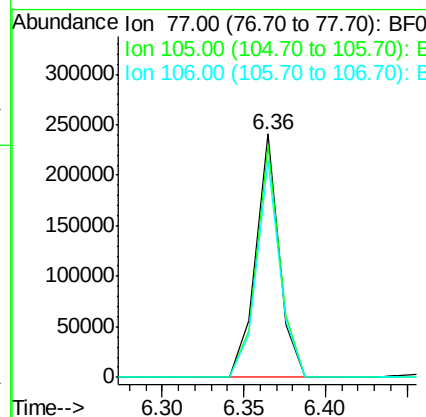
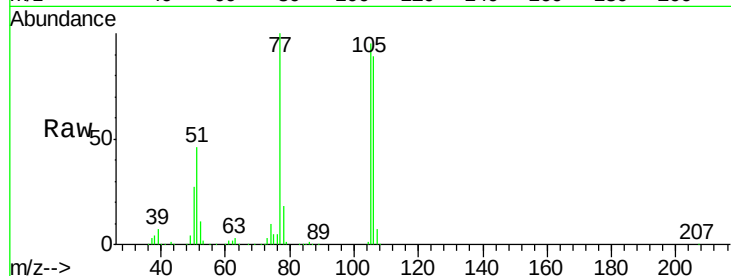
SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 240101 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 95.3  | 76.6  | 116.6  |
| 106      | 89.1  | 70.8  | 110.8  |

Manual Integrations

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#10

Phenol

Concen: 50.82 ng

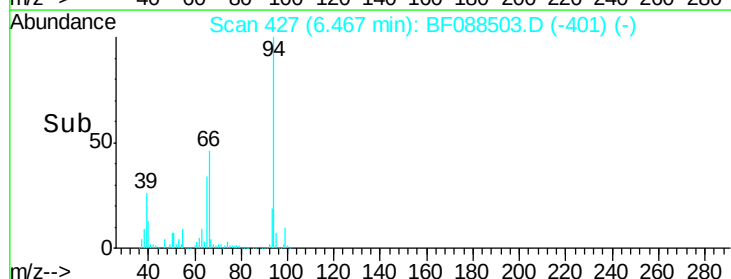
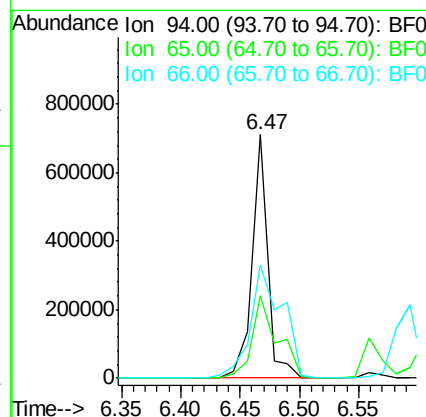
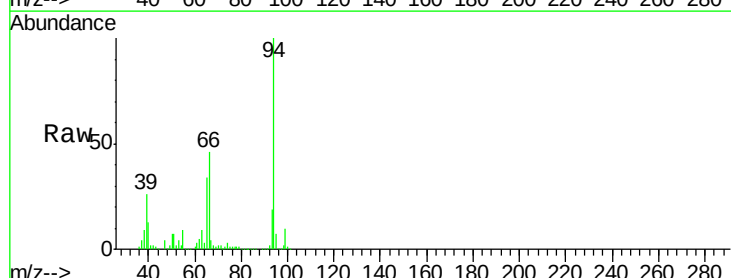
RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

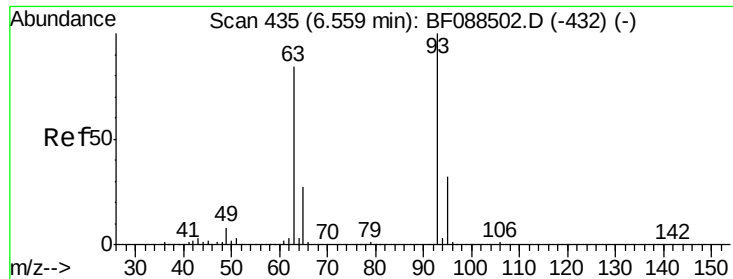
Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 663320 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.9  | 11.6  | 51.6   |
| 66       | 46.5  | 23.8  | 63.8   |







#11

bis(2-Chloroethyl)ether

Concen: 50.57 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion: 93 Resp: 464455

Ion Ratio Lower Upper

93 100

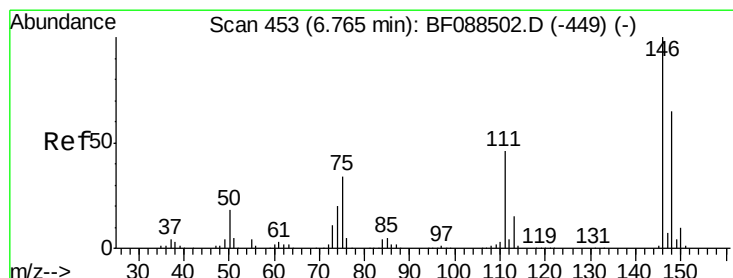
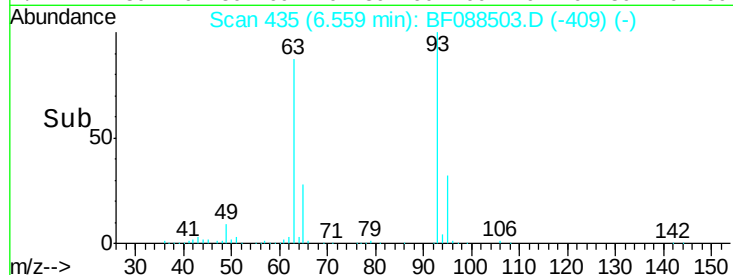
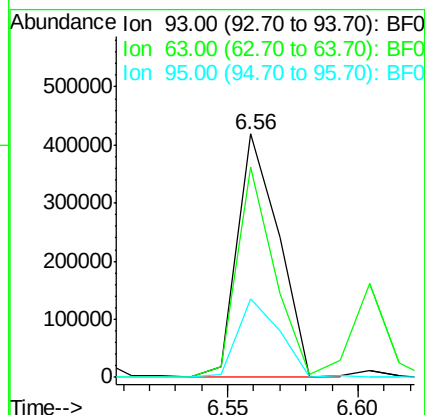
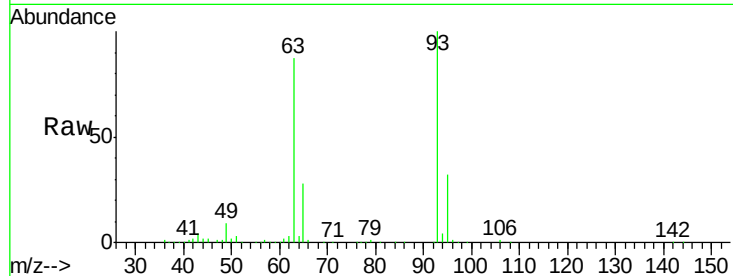
63 86.5 63.4 103.4

95 32.1 11.7 51.7

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 47.39 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

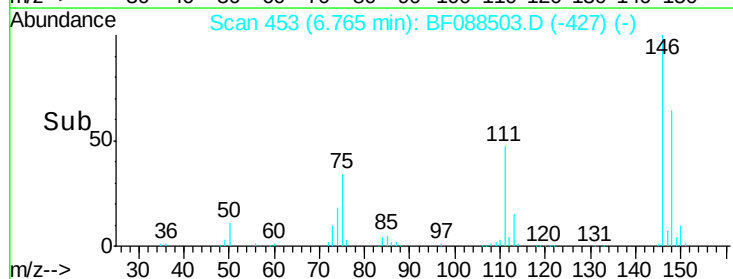
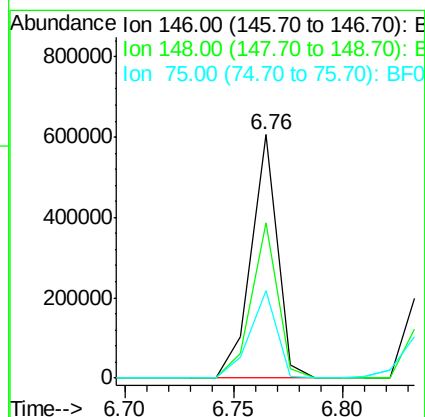
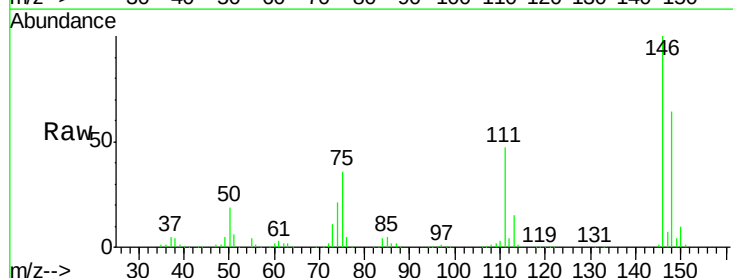
Tgt Ion: 146 Resp: 508954

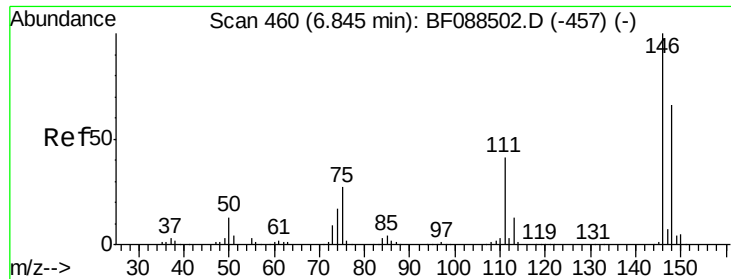
Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

75 35.7 26.8 40.2





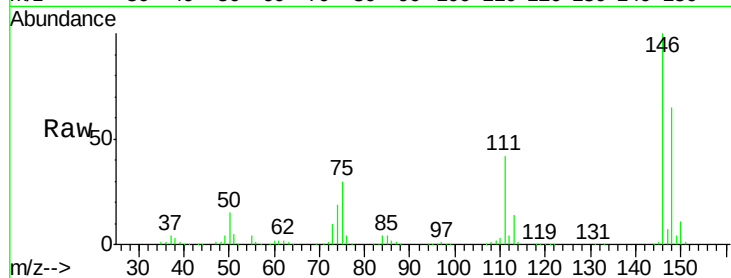
#13  
 1,4-Dichlorobenzene  
 Concen: 48.66 ng  
 RT: 6.84 min Scan# 460  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

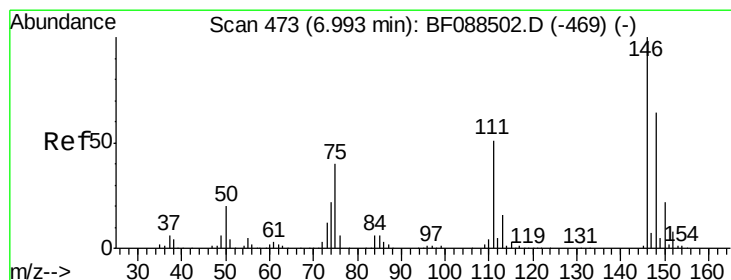
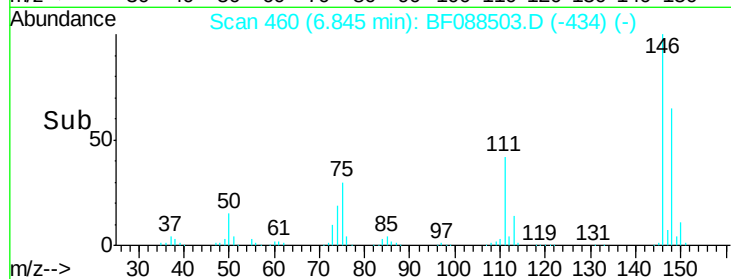
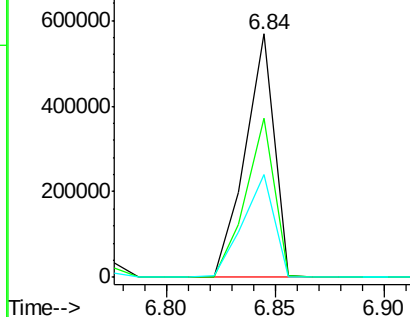
| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 530703  | 146 | 100   |       |       |
|         | 148 | 65.3  | 52.8  | 79.2  |
|         | 111 | 42.1  | 32.5  | 48.7  |

Manual Integrations

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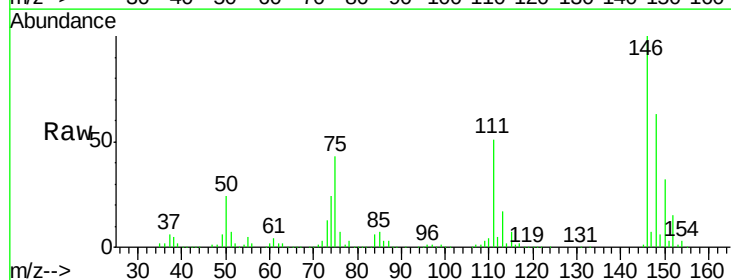


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

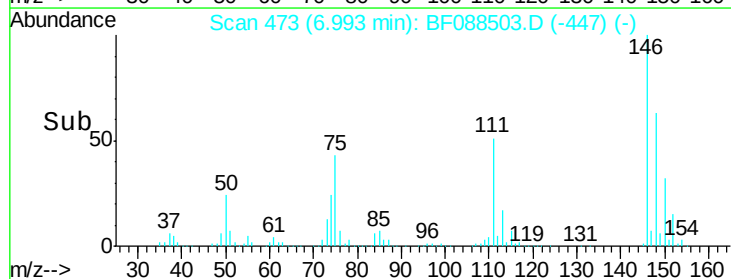
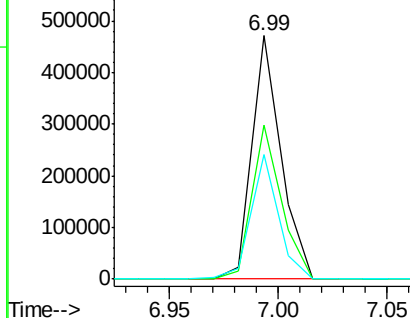


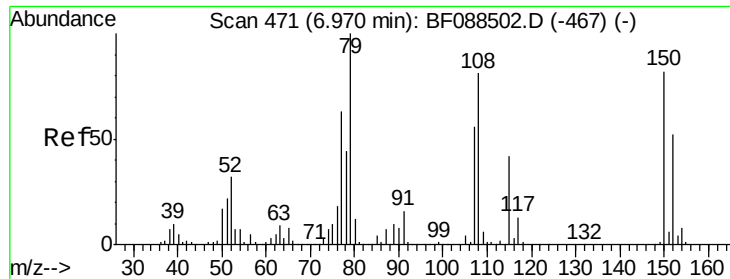
#14  
 1,2-Dichlorobenzene  
 Concen: 44.95 ng  
 RT: 6.99 min Scan# 473  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 436975  | 146 | 100   |       |       |
|         | 148 | 63.2  | 51.1  | 76.7  |
|         | 111 | 51.4  | 40.5  | 60.7  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





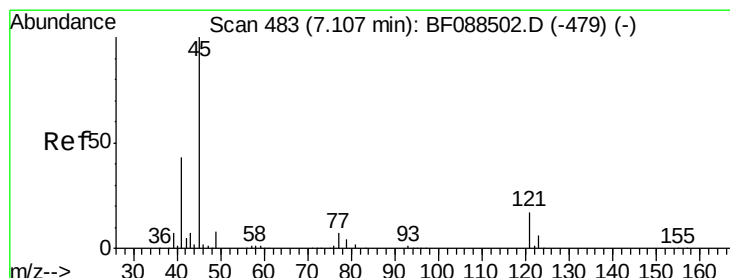
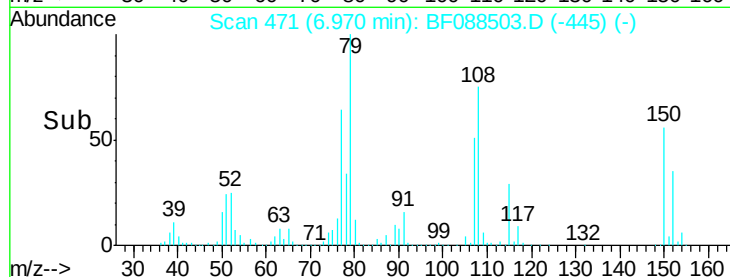
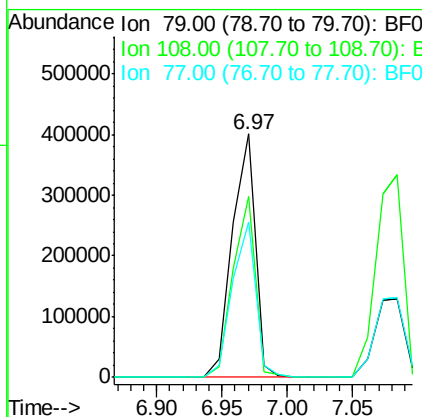
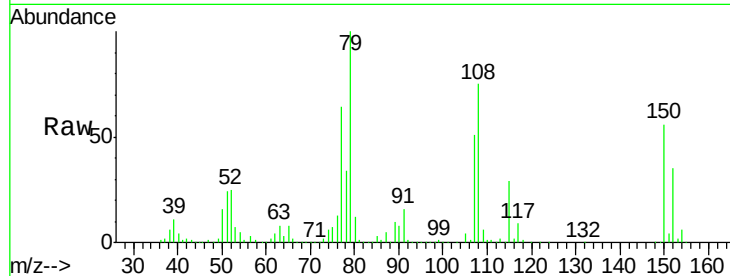
#15  
Benzyl Alcohol  
Concen: 59.13 ng  
RT: 6.97 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.5  | 64.7  | 97.1  |
| 77      | 63.6  | 50.4  | 75.6  |

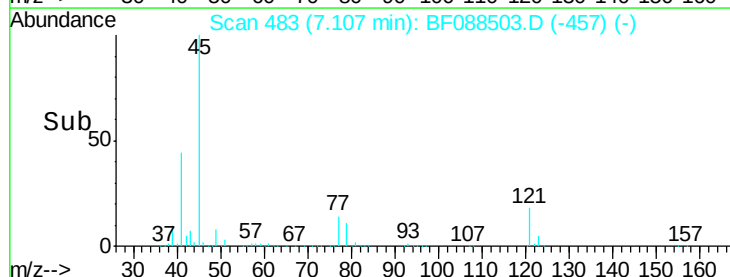
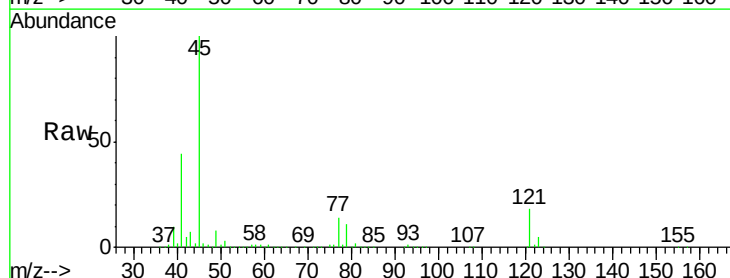
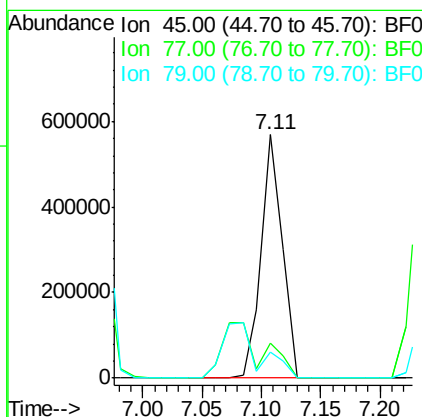
Manual Integrations

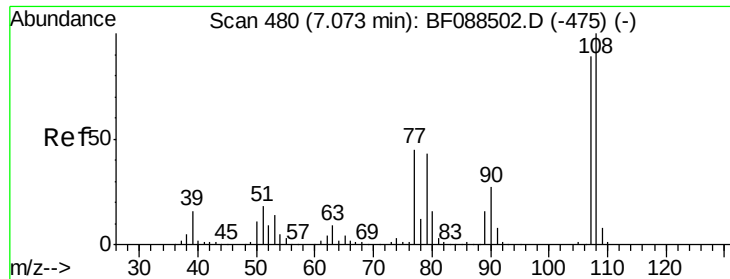
sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 56.97 ng  
RT: 7.11 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.2  | 0.0   | 34.1  |
| 79      | 10.9  | 0.0   | 30.7  |





#17

2-Methylphenol

Concen: 52.48 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 427806

Ion Ratio Lower Upper

107 100

108 113.4 90.0 135.0

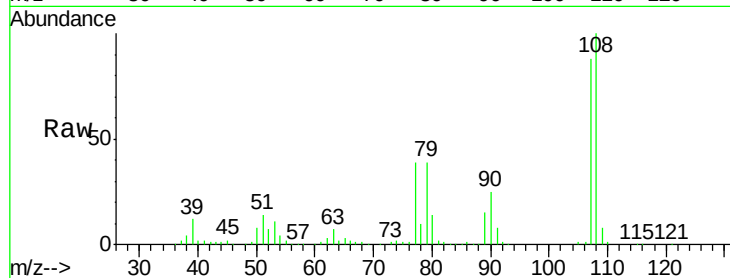
77 44.4 40.2 60.4

79 44.2 39.0 58.6

Manual Integrations

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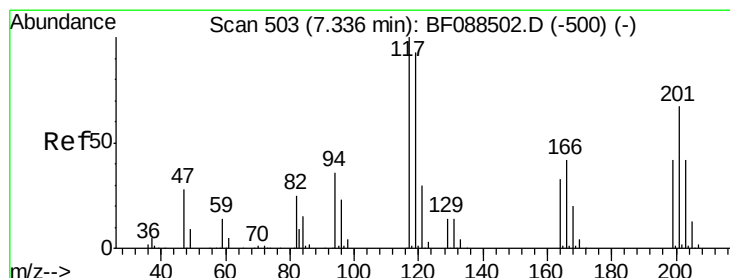
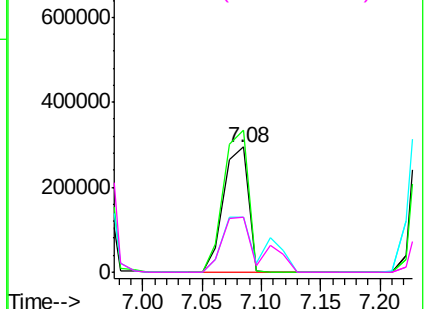
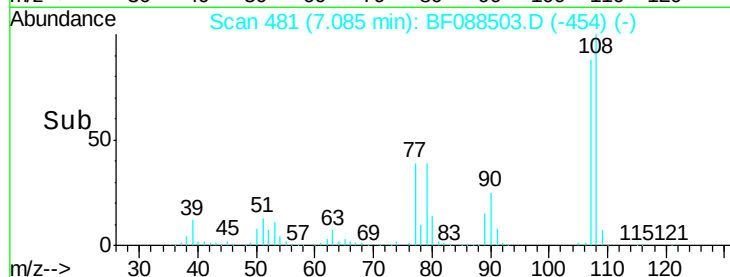
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 51.32 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

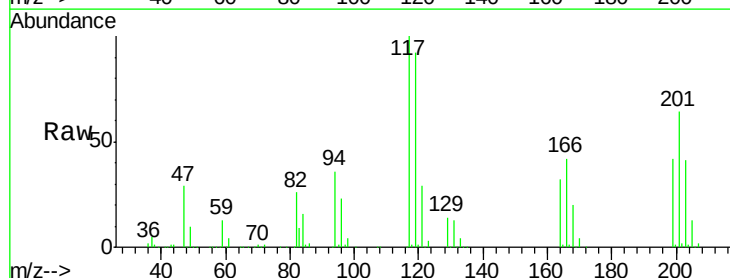
Tgt Ion:117 Resp: 197981

Ion Ratio Lower Upper

117 100

119 92.1 74.1 111.1

201 64.4 53.4 80.2

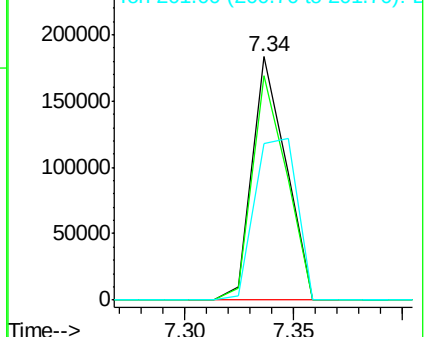
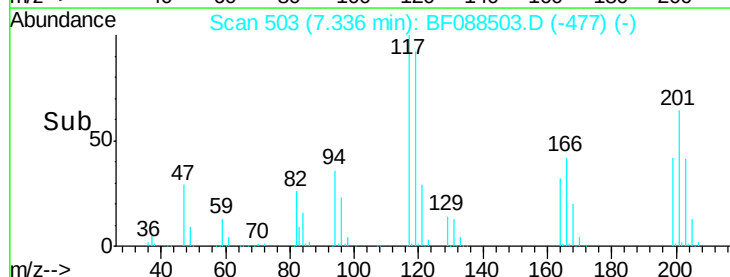


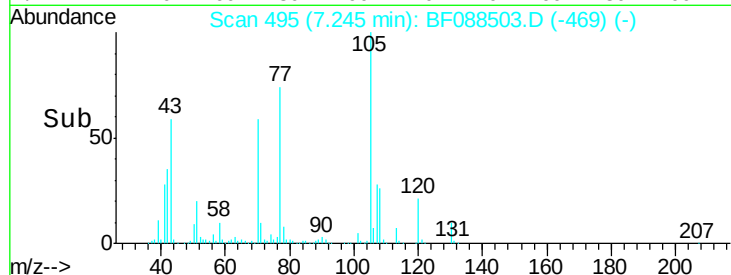
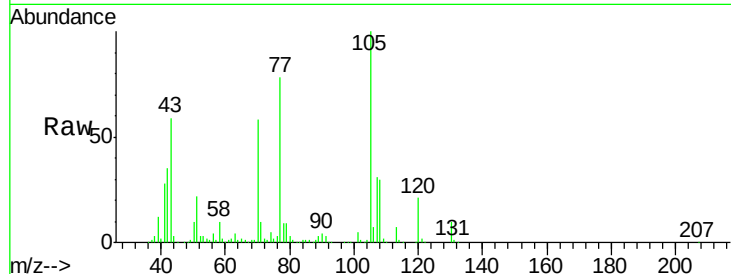
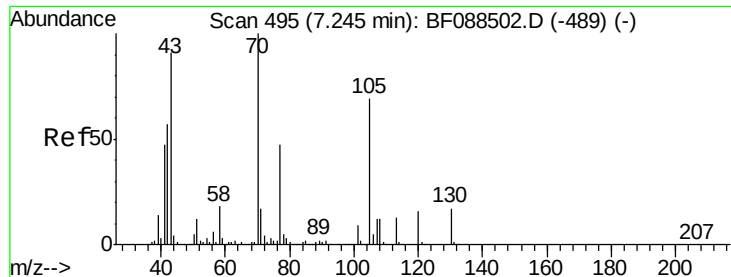
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





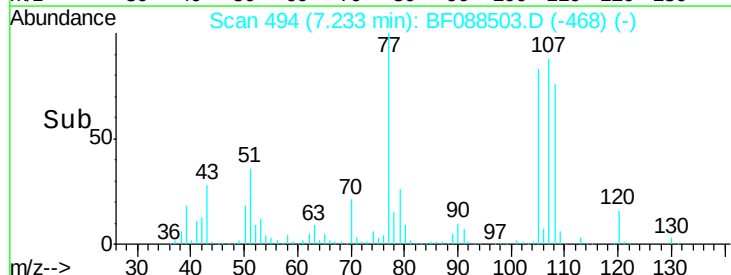
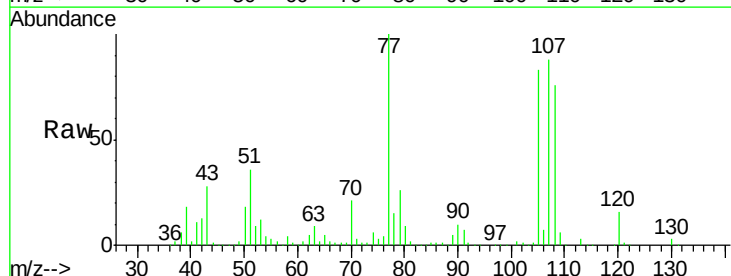
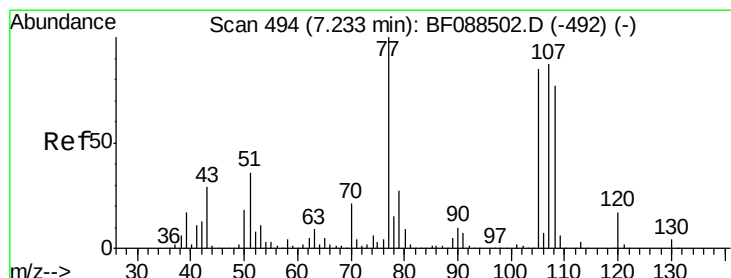
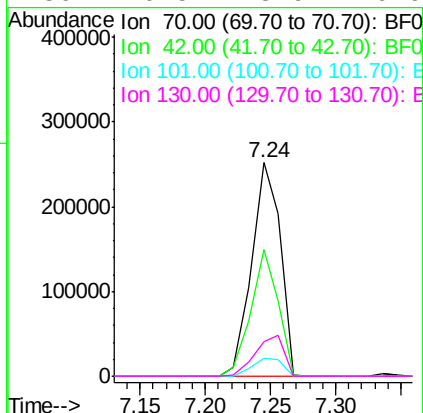
#19  
n-Nitroso-di-n-propylamine  
Concen: 56.48 ng  
RT: 7.24 min Scan# 495  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.1  | 45.9  | 68.9  |
| 101     | 8.7   | 6.8   | 10.2  |
| 130     | 16.5  | 13.9  | 20.9  |

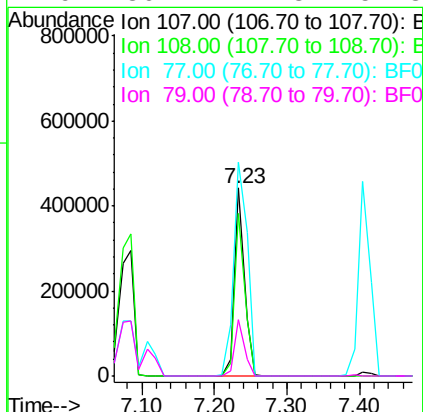
Manual Integrations

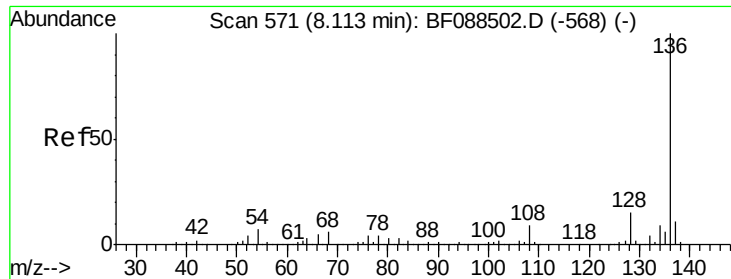
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6/30/2016 7:46:42 PM



#20  
3+4-Methylphenols  
Concen: 44.70 ng  
RT: 7.23 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.7  | 68.1  | 108.1 |
| 77      | 113.8 | 95.1  | 135.1 |
| 79      | 30.1  | 11.3  | 51.3  |





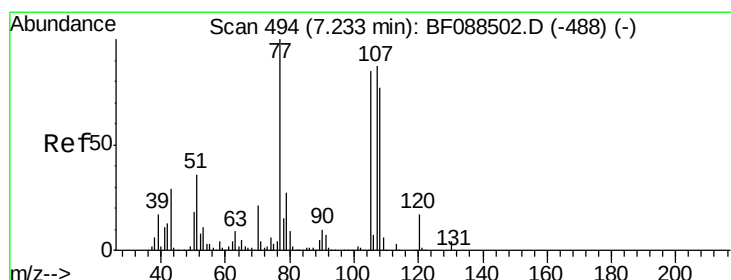
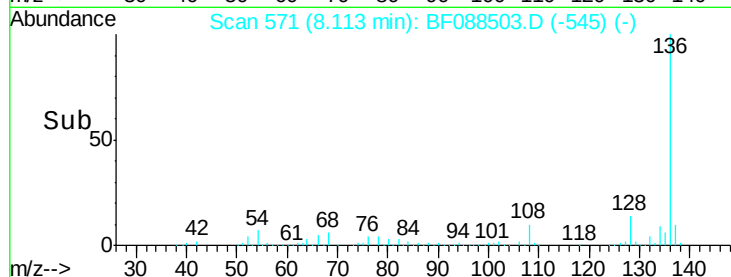
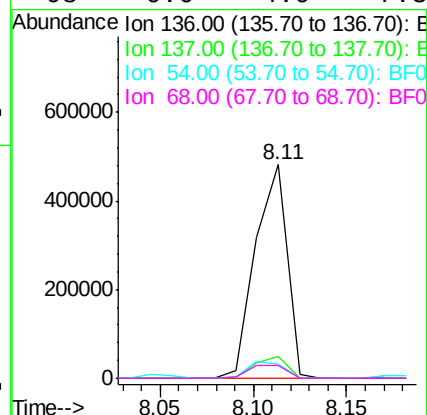
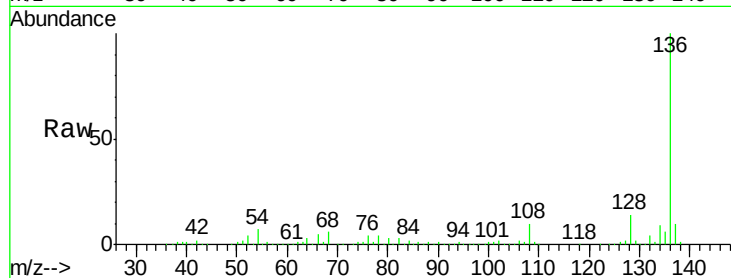
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.11 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 566410 |       |       |
| 137     | 10.5  |        | 8.5   | 12.7  |
| 54      | 6.8   |        | 5.4   | 8.2   |
| 68      | 6.0   |        | 4.9   | 7.3   |

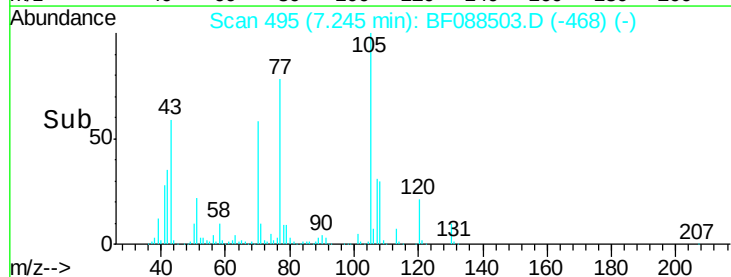
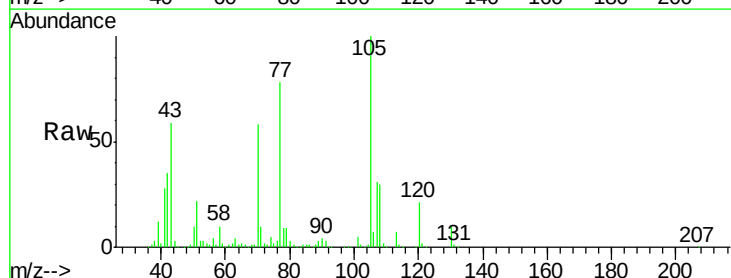
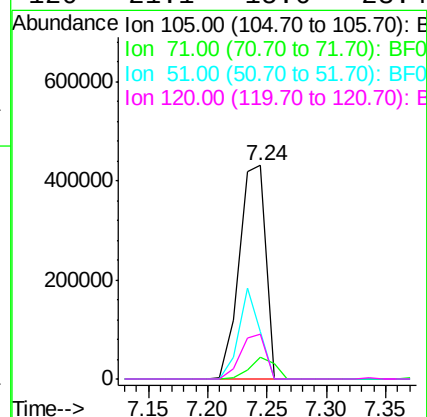
Manual Integrations

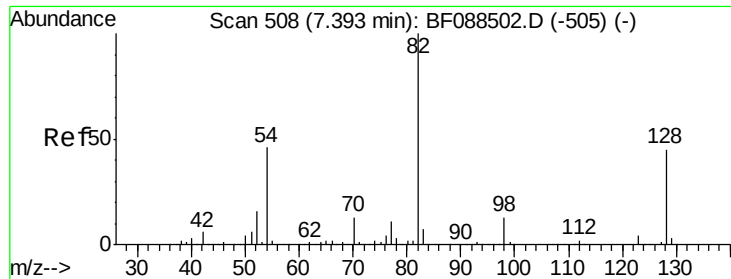
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#22  
Acetophenone  
Concen: 52.33 ng  
RT: 7.24 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 666626 |       |       |
| 71      | 10.2  |        | 3.4   | 5.2#  |
| 51      | 22.1  |        | 33.6  | 50.4# |
| 120     | 21.1  |        | 15.6  | 23.4  |





#23  
 Nitrobenzene-d5  
 Concen: 108.32 ng  
 RT: 7.39 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

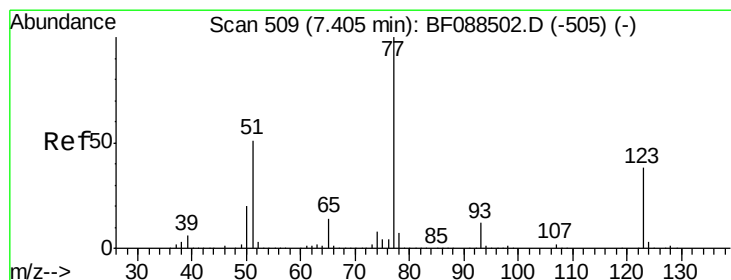
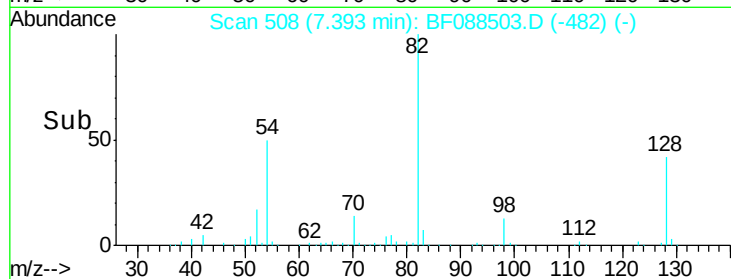
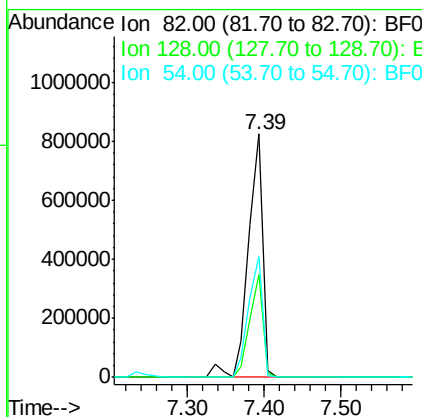
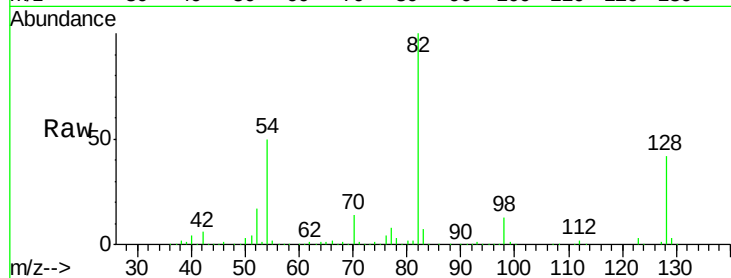
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion: 82 Resp: 1067624  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.0  | 35.8  | 53.8  |
| 54  | 49.6  | 37.1  | 55.7  |

Manual Integrations

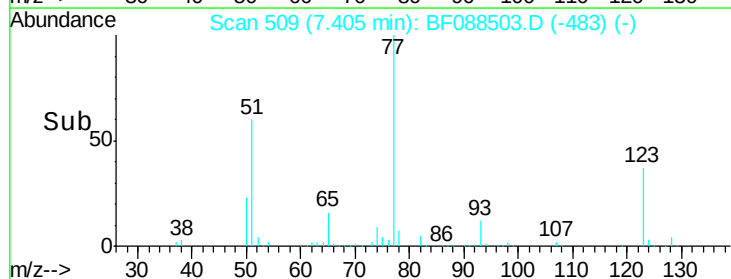
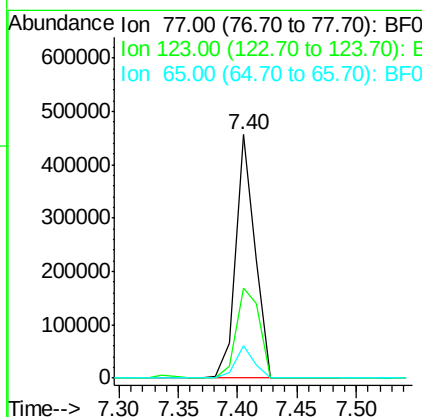
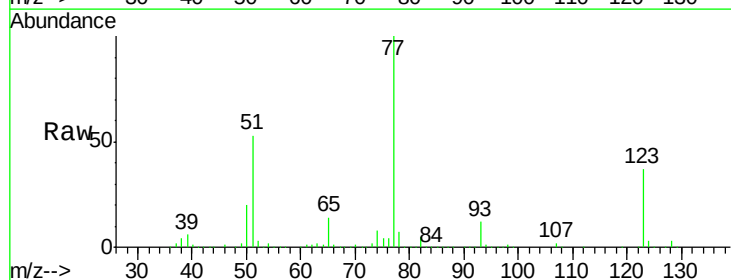
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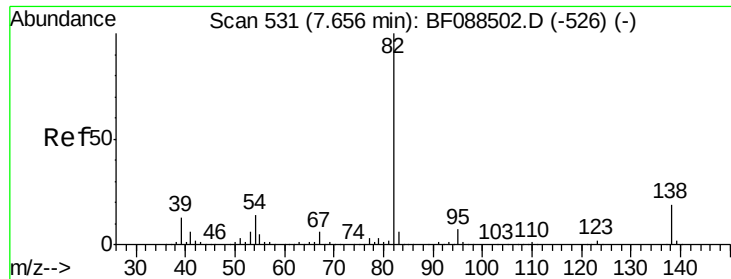
#24  
 Nitrobenzene  
 Concen: 53.10 ng  
 RT: 7.40 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Tgt Ion: 77 Resp: 514097  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 36.9  | 30.7  | 46.1  |
| 65  | 13.5  | 10.9  | 16.3  |







#25

Isophorone

Concen: 56.30 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1038691

Ion Ratio Lower Upper

82 100

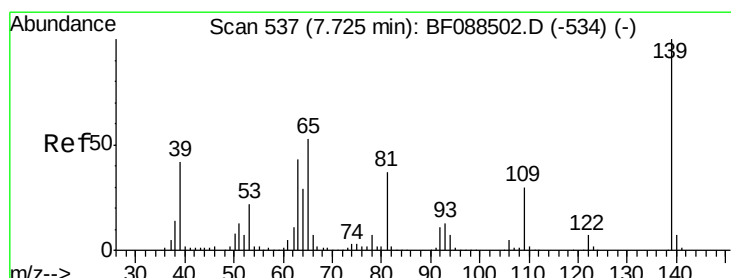
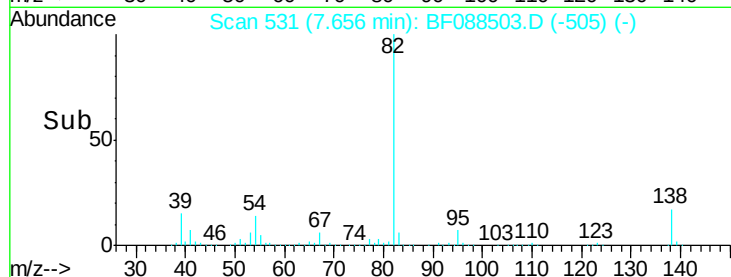
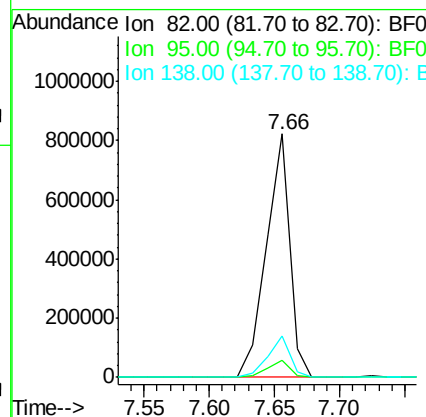
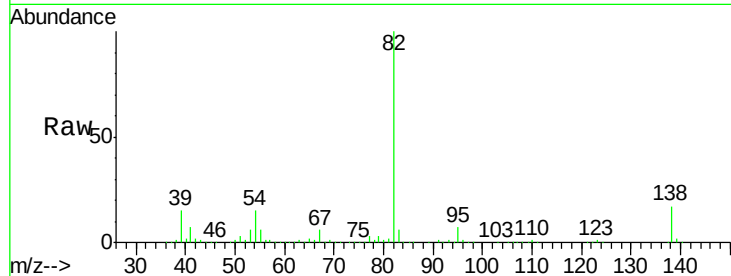
95 6.9 5.6 8.4

138 16.8 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.08 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

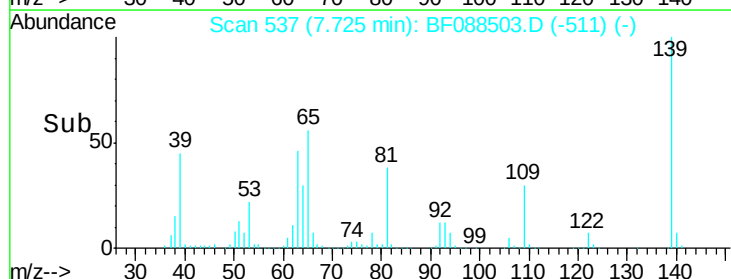
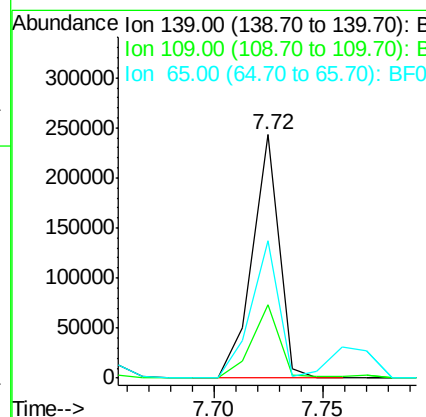
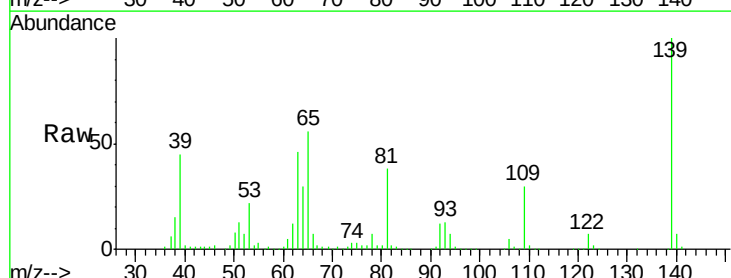
Tgt Ion: 139 Resp: 208321

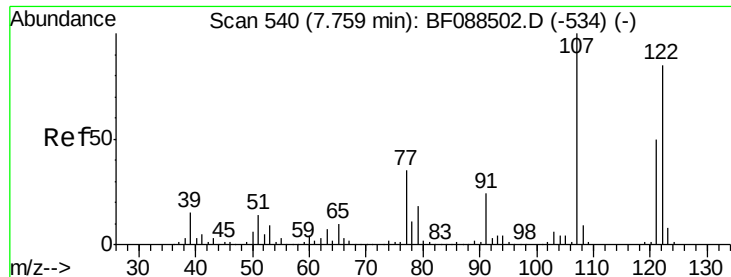
Ion Ratio Lower Upper

139 100

109 30.1 24.0 36.0

65 56.2 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 51.03 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleID :

SSTDIC050

Tot Ion:122 Resp: 469665

Ion Ratio Lower Upper

122 100

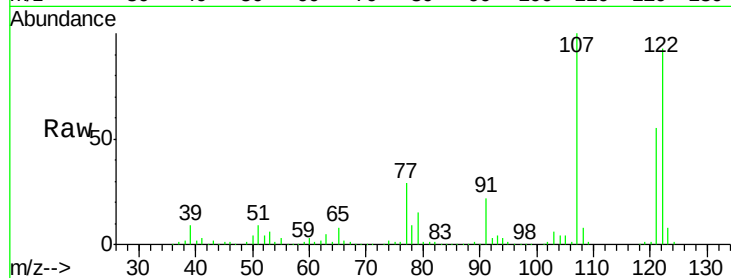
107 107.3 94.1 141.1

121 59.3 47.0 70.6

Manual Integrations

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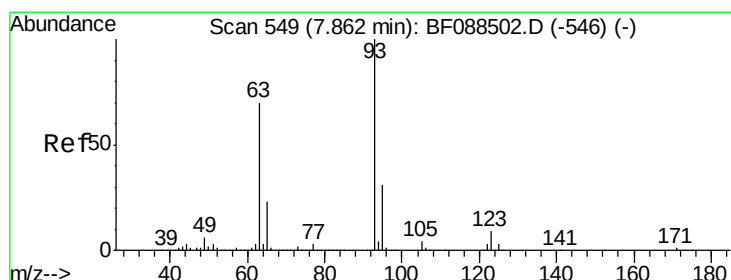
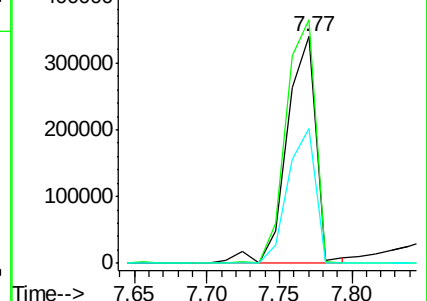
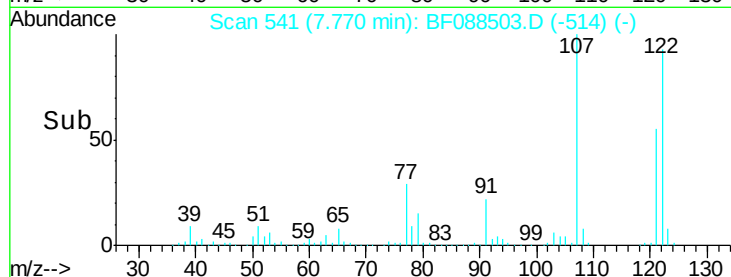
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.74 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

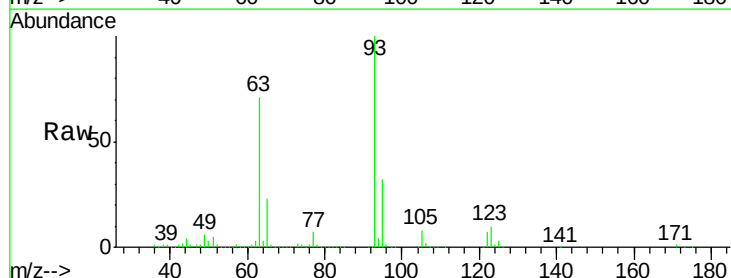
Tgt Ion: 93 Resp: 585649

Ion Ratio Lower Upper

93 100

95 32.0 25.1 37.7

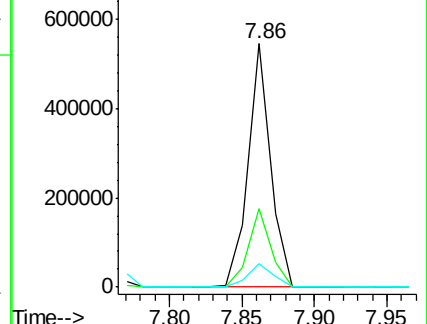
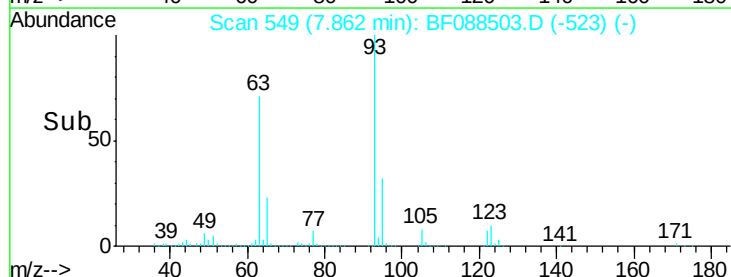
123 9.8 7.8 11.6

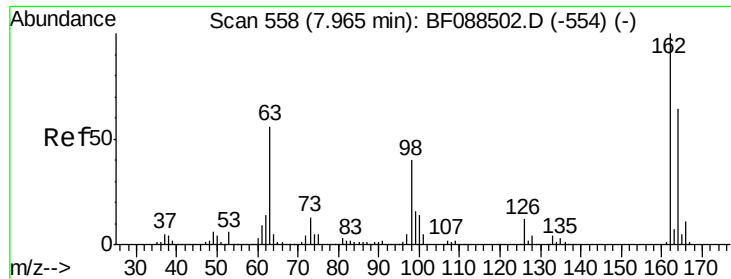


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





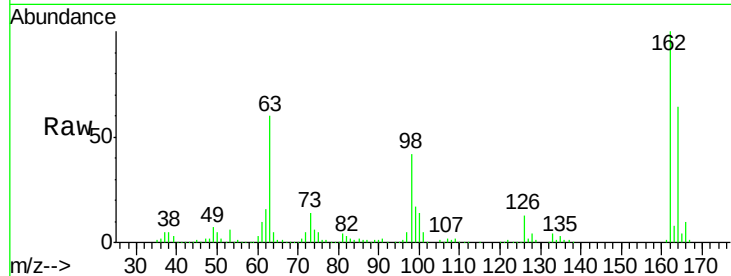
#29  
2,4-Dichlorophenol  
Concen: 48.82 ng  
RT: 7.96 min Scan# 558  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

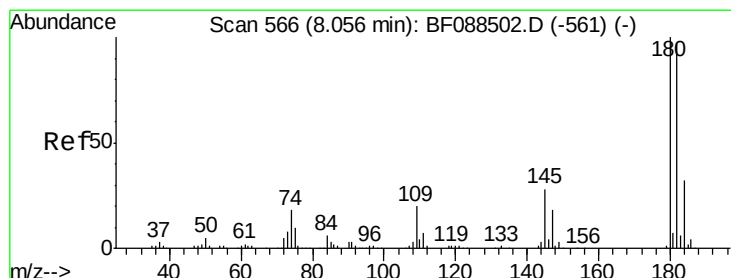
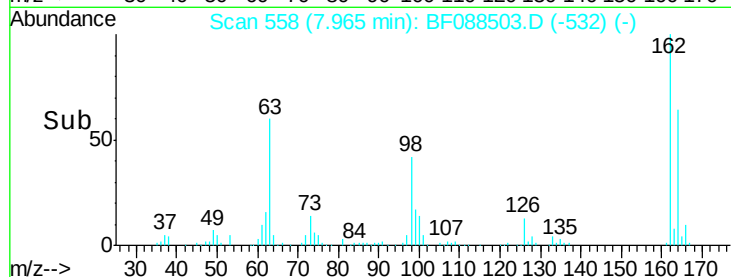
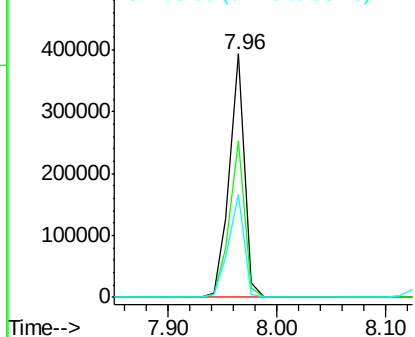
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 44.3  | 84.3  |
| 98      | 42.2  | 20.5  | 60.5  |

Manual Integrations

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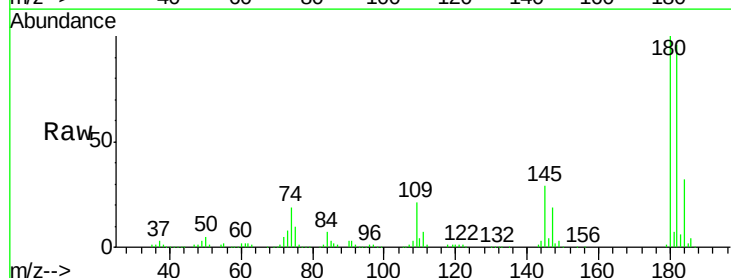


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

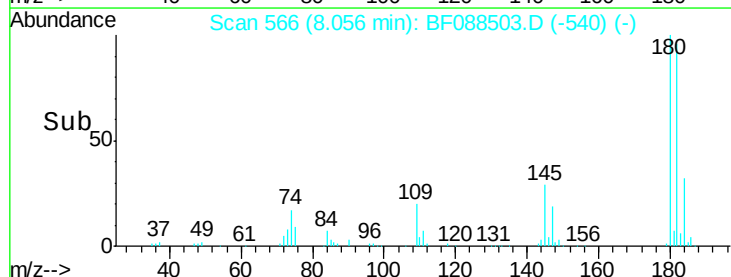
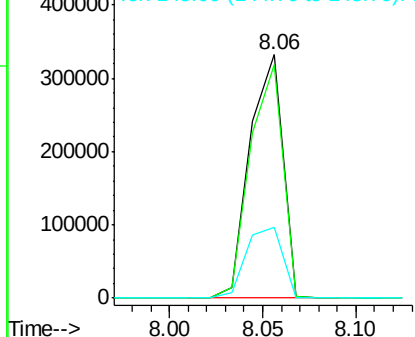


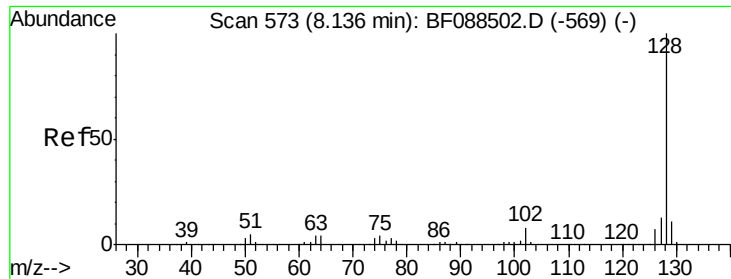
#30  
1,2,4-Trichlorobenzene  
Concen: 47.91 ng  
RT: 8.06 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 77.4  | 116.0 |
| 145     | 28.9  | 22.6  | 33.8  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





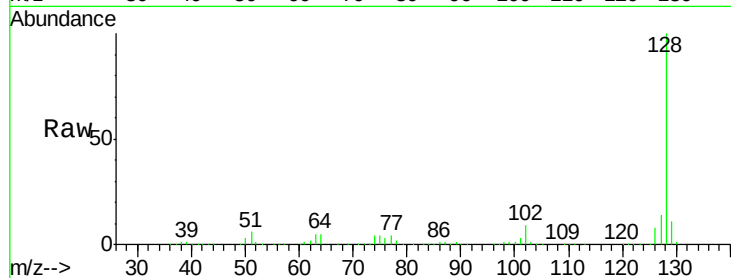
#31  
Naphthalene  
Concen: 48.78 ng  
RT: 8.14 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

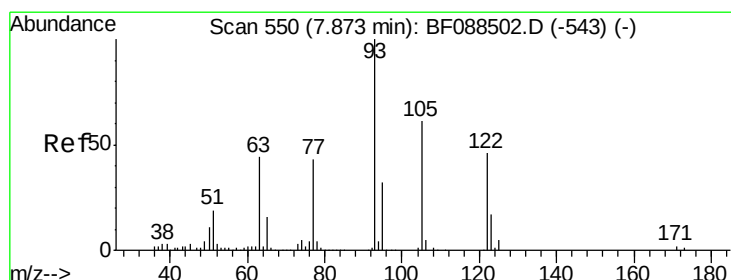
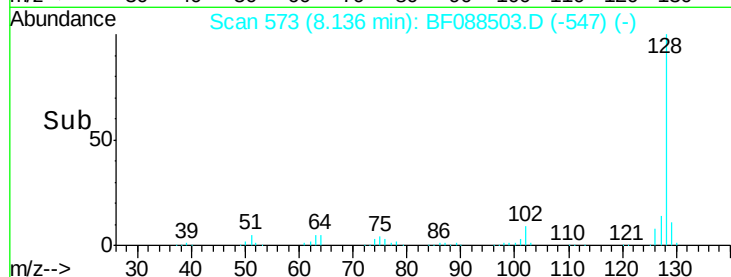
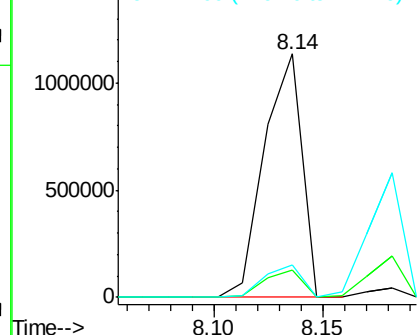
Tot Ion:128 Resp: 1383434  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 13.5 10.6 16.0

Manual Integrations

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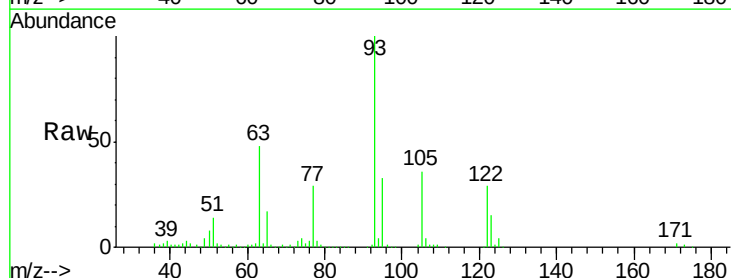


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

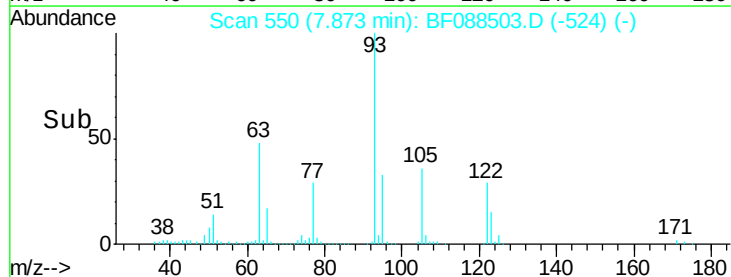
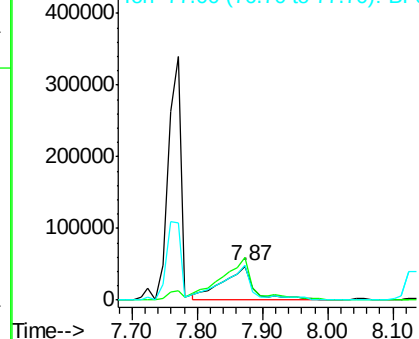


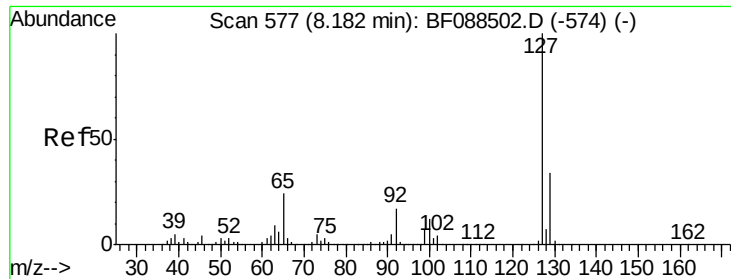
#32  
Benzoic acid  
Concen: 34.05 ng  
RT: 7.87 min Scan# 550  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Tgt Ion:122 Resp: 157580  
Ion Ratio Lower Upper  
122 100  
105 127.1 110.7 150.7  
77 101.7 76.5 116.5



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





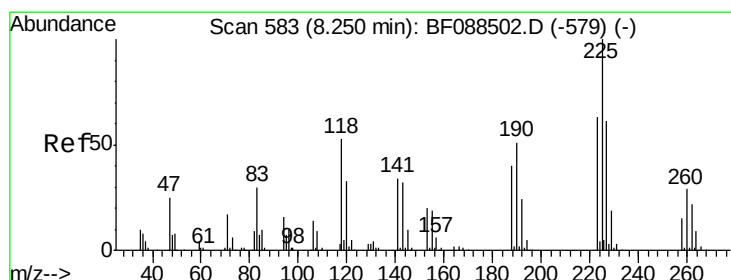
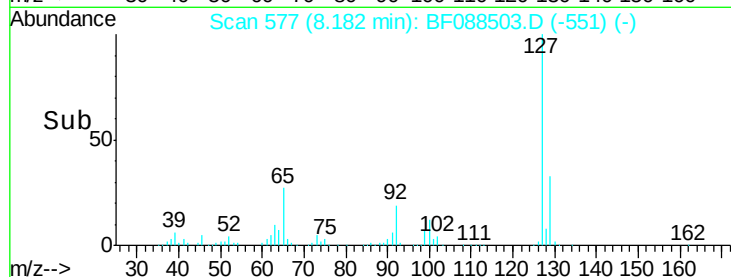
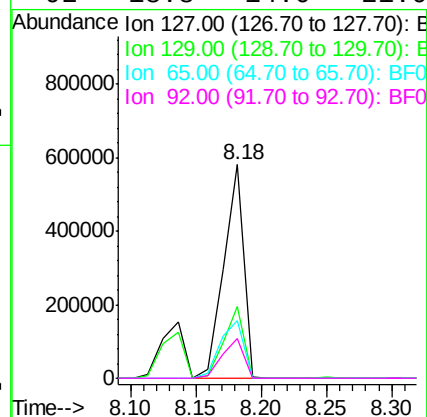
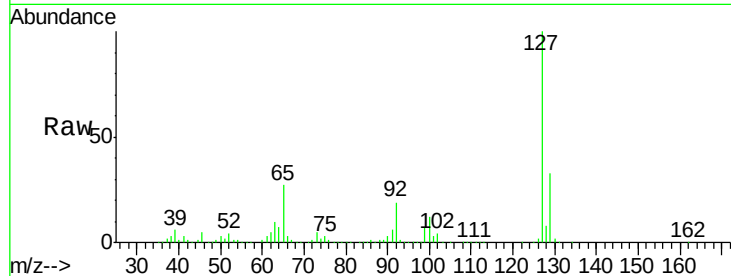
#33  
4-Chloroaniline  
Concen: 50.12 ng  
RT: 8.18 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 623662 |       |       |
| 129     | 33.4 | 26.9  | 40.3   |       |       |
| 65      | 27.1 | 19.4  | 29.2   |       |       |
| 92      | 18.8 | 14.0  | 21.0   |       |       |

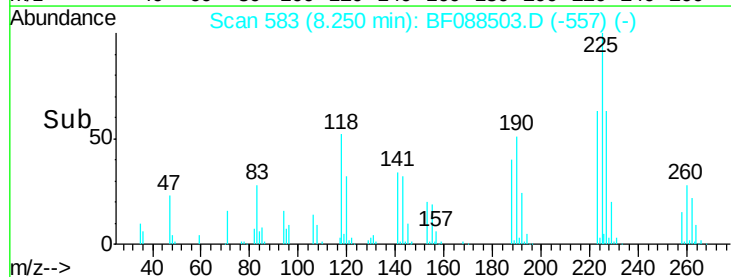
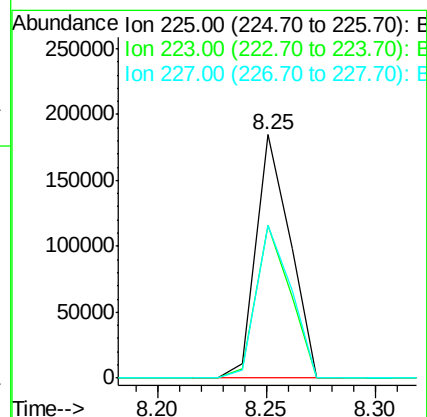
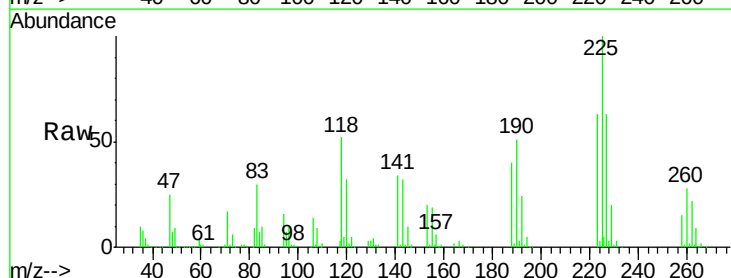
Manual Integrations

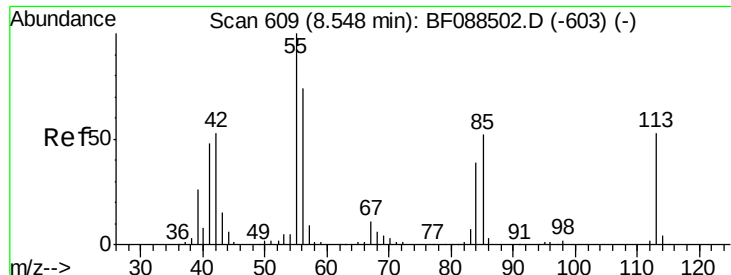
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#34  
Hexachlorobutadiene  
Concen: 45.86 ng  
RT: 8.25 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 201859 |       |       |
| 223     | 63.0 | 50.2  | 75.2   |       |       |
| 227     | 62.9 | 48.6  | 73.0   |       |       |





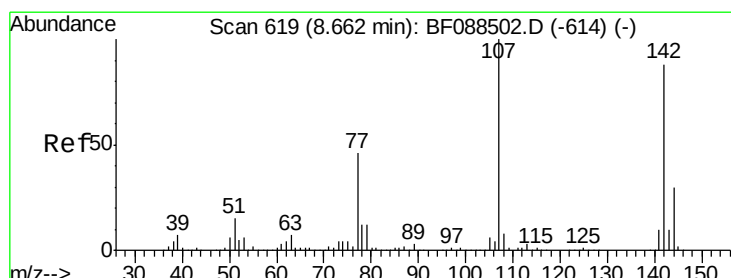
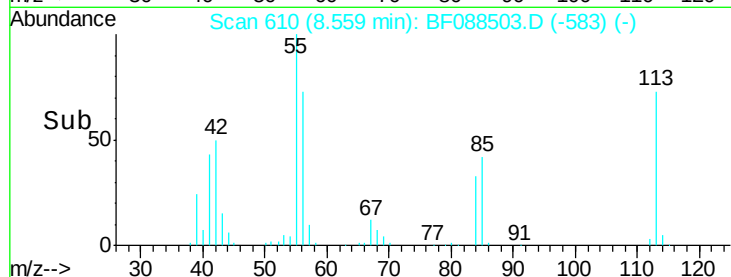
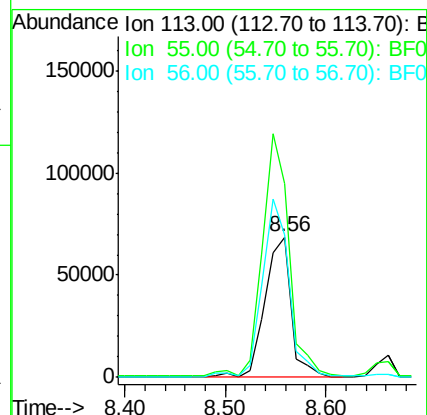
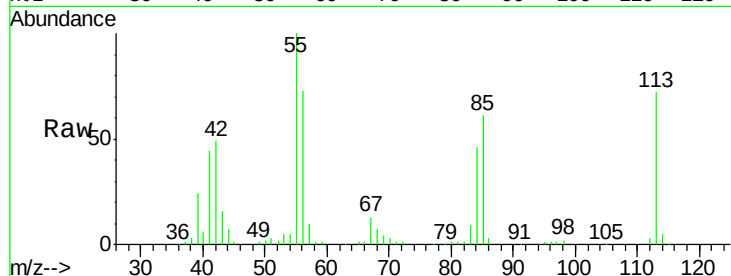
#35  
Caprolactam  
Concen: 49.57 ng  
RT: 8.56 min Scan# 610  
Delta R.T. 0.01 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:113 Resp: 123987  
Ion Ratio Lower Upper  
113 100  
55 138.2 170.2 210.2#  
56 101.0 119.7 159.7#

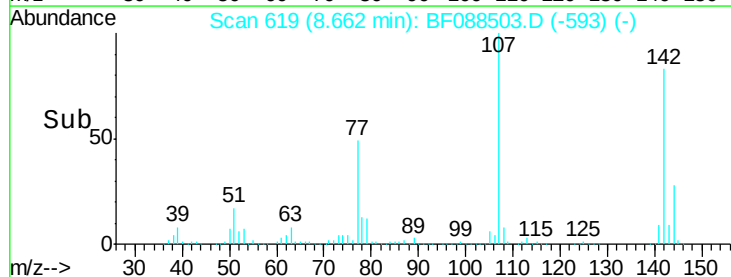
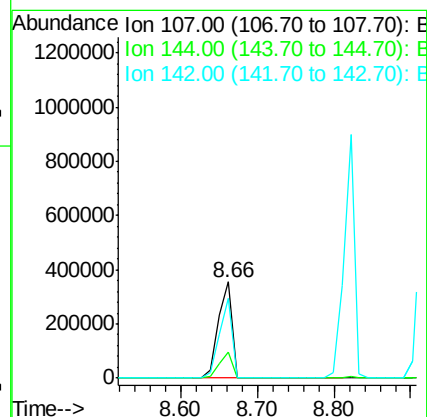
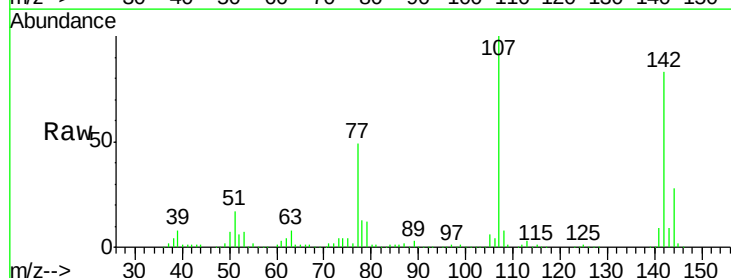
Manual Integrations

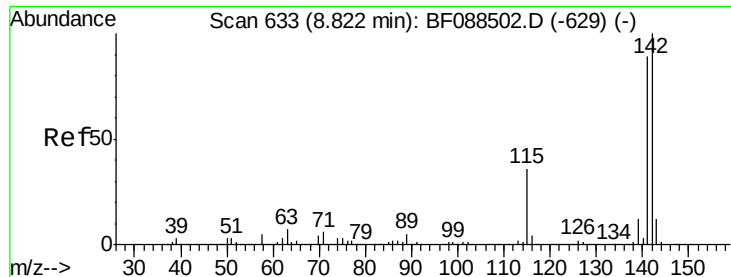
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#36  
4-Chloro-3-methylphenol  
Concen: 51.61 ng  
RT: 8.66 min Scan# 619  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Tgt Ion:107 Resp: 432493  
Ion Ratio Lower Upper  
107 100  
144 27.7 23.7 35.5  
142 83.3 70.7 106.1





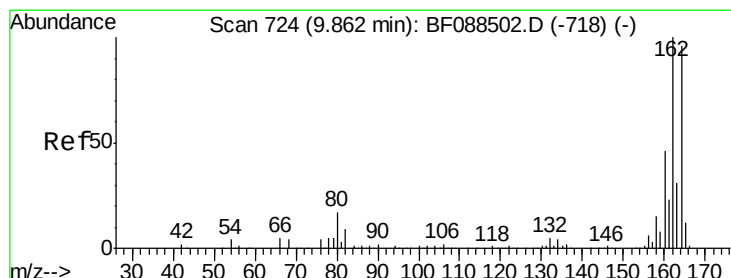
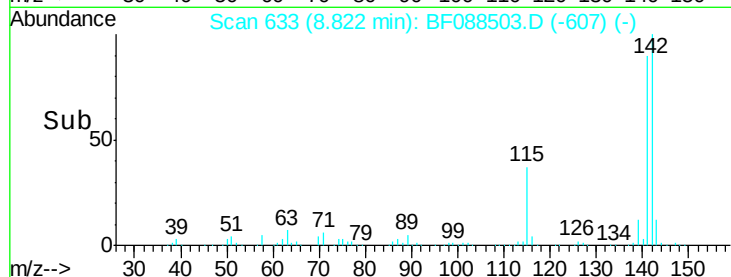
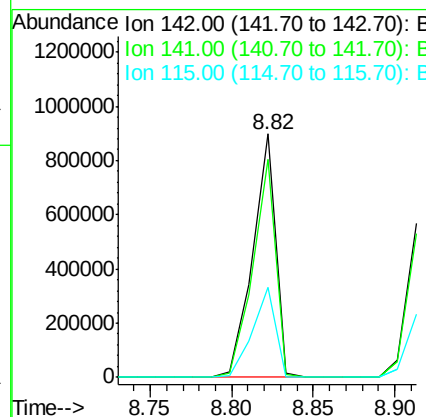
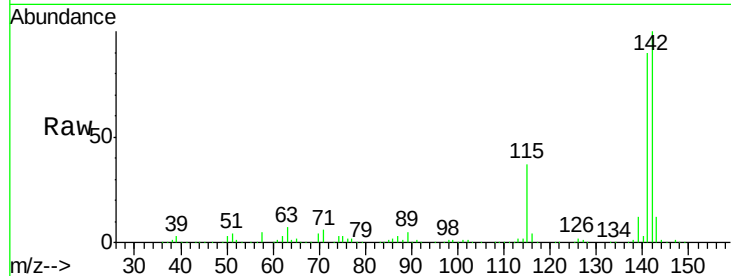
#37  
2-Methylnaphthalene  
Concen: 47.44 ng  
RT: 8.82 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.0  | 106.4 |
| 115     | 36.8  | 28.7  | 43.1  |

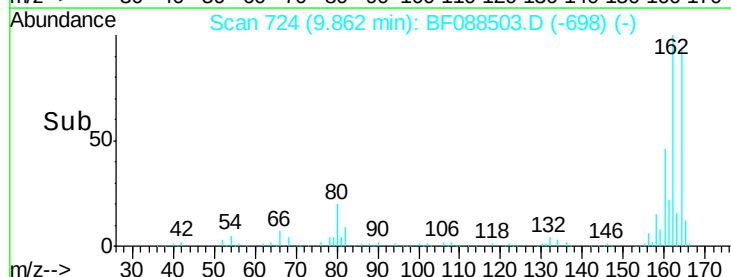
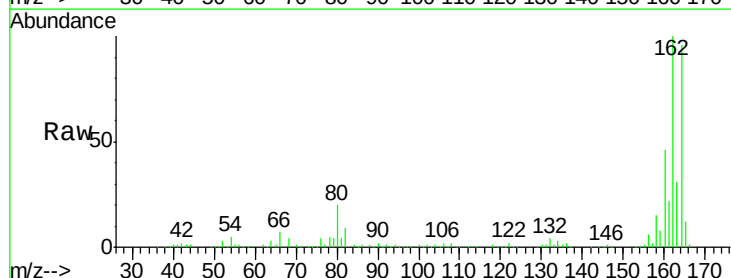
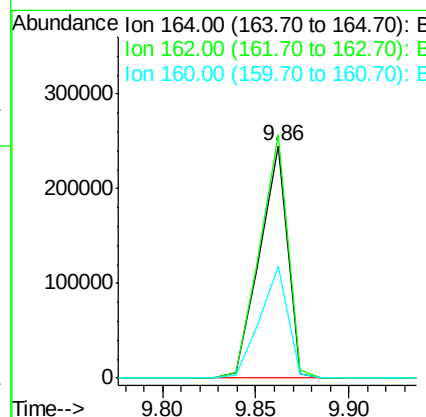
Manual Integrations

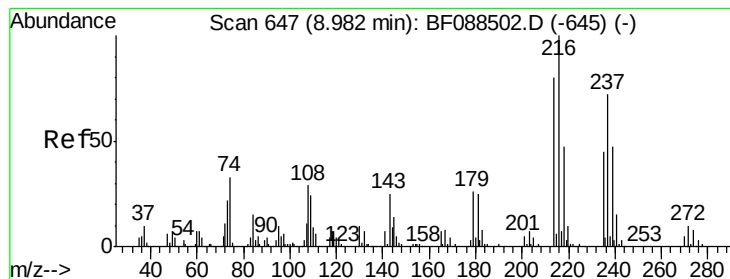
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.86 min Scan# 724  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 83.7  | 125.5 |
| 160     | 47.8  | 38.9  | 58.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.51 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

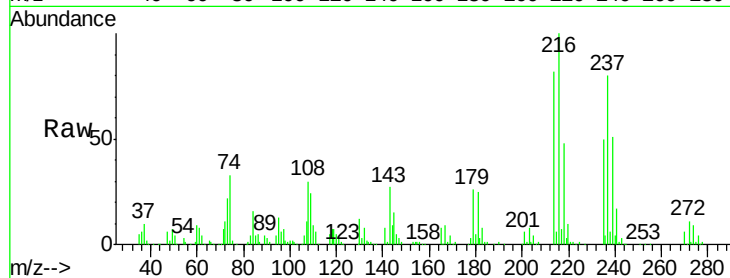
ClientSampleId :

SSTDICC050

Manual Integrations

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Tot Ion:216 Resp: 322764

Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 22.4 0.0 0.0#

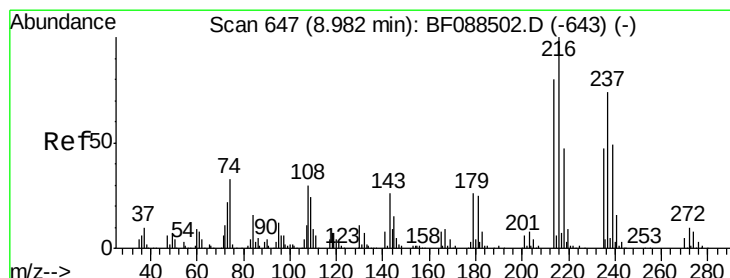
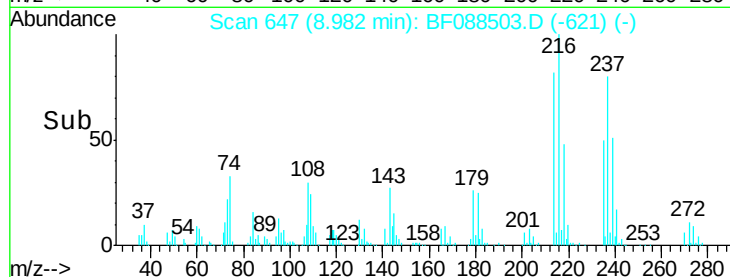
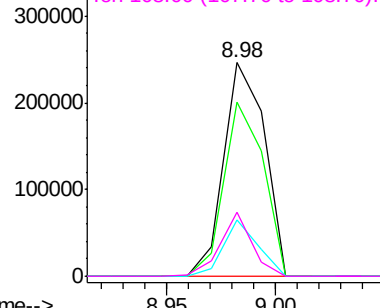
108 23.0 0.0 0.0#

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.53 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Tgt Ion:237 Resp: 207686

Ion Ratio Lower Upper

237 100

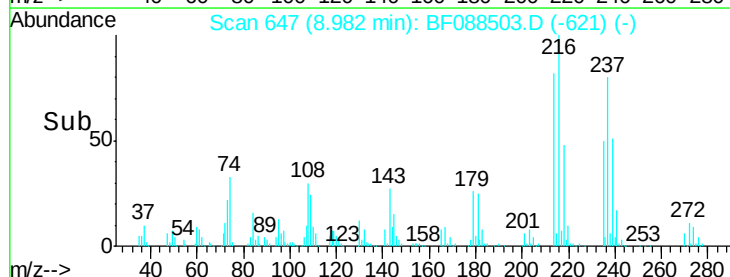
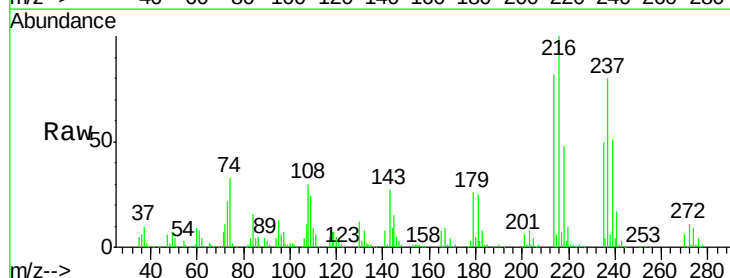
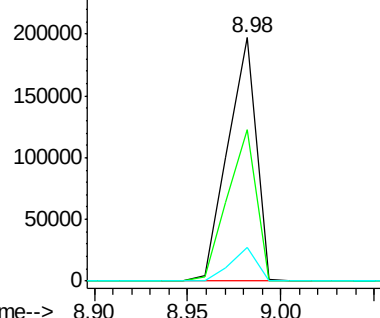
235 62.3 43.0 83.0

272 13.7 0.0 33.8

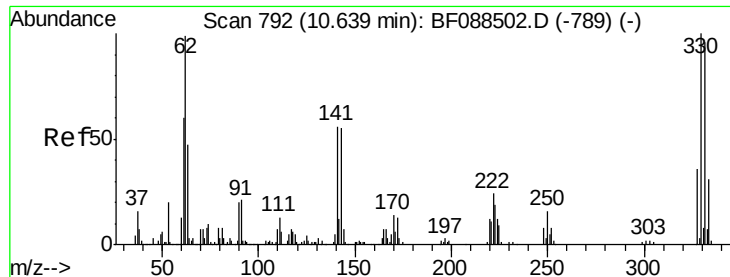
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







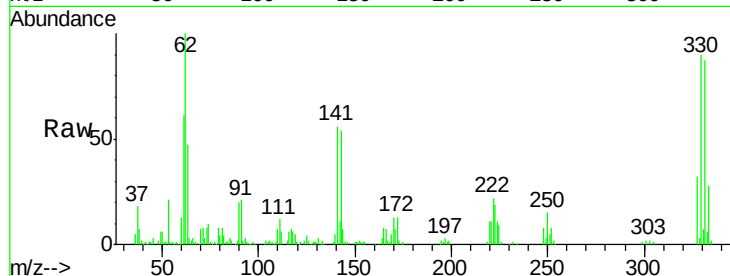
#41  
 2,4,6-Tribromophenol  
 Concen: 70.43 ng  
 RT: 10.64 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

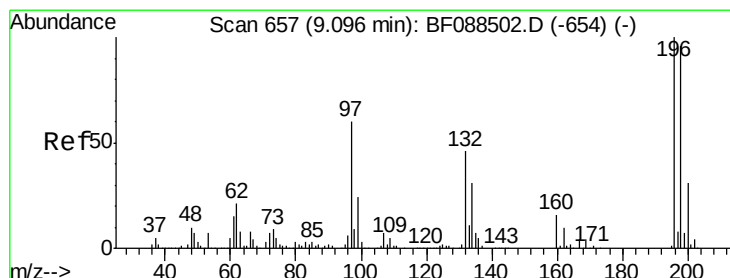
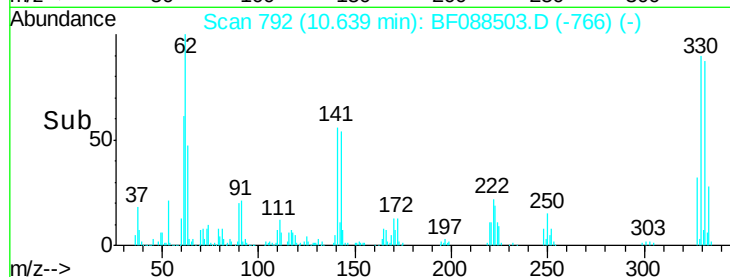
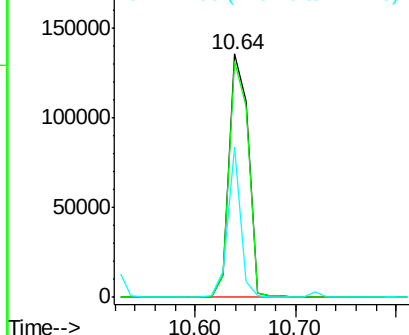
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 180026 |       |       |
| 332     | 97.0  | 0.0    | 0.0   | 0.0   |
| 141     | 41.5  | 0.0    | 0.0   | 0.0   |

Manual Integrations

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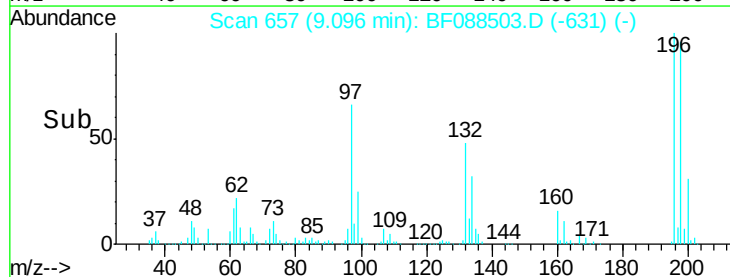
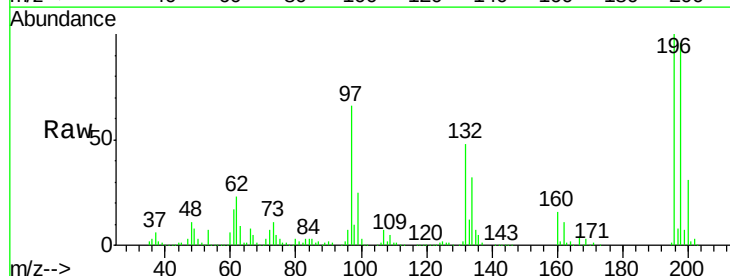
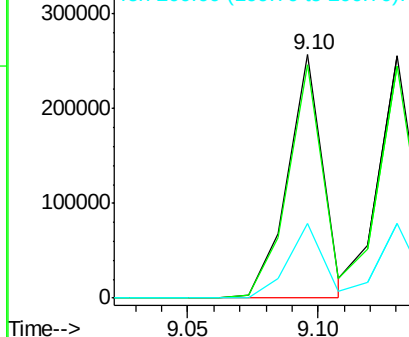
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

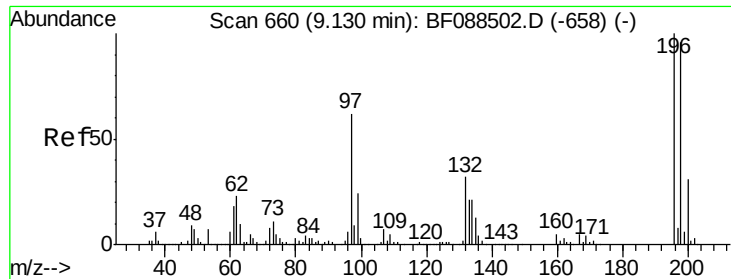


#42  
 2,4,6-Trichlorophenol  
 Concen: 47.15 ng  
 RT: 9.10 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 239089 |       |       |
| 198     | 95.9  | 76.9   | 115.3 |       |
| 200     | 30.9  | 24.6   | 36.8  |       |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





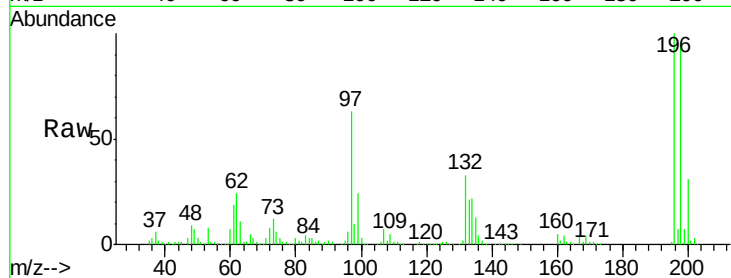
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.96 ng/ml  
 RT: 9.13 min Scan# 660  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

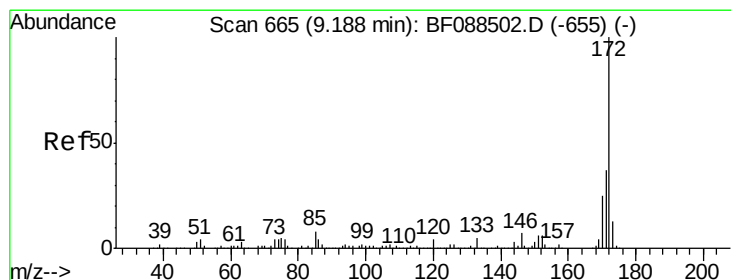
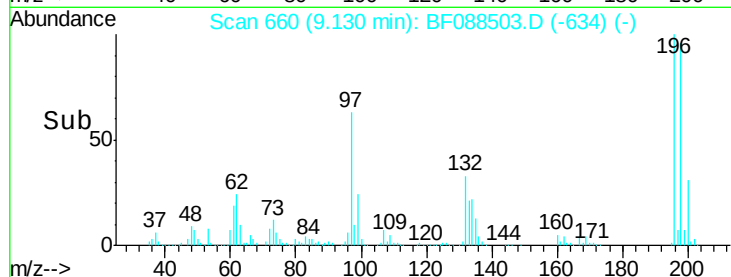
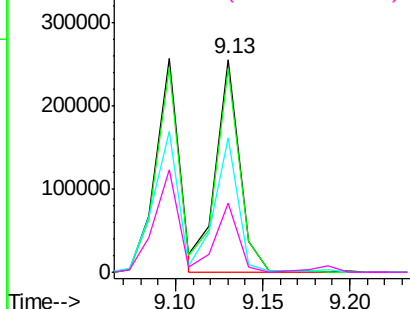
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 242816 |       |       |
| 198     | 95.6 | 76.6  | 115.0  |       |       |
| 97      | 63.2 | 48.7  | 73.1   |       |       |
| 132     | 32.6 | 25.5  | 38.3   |       |       |

Manual Integrations

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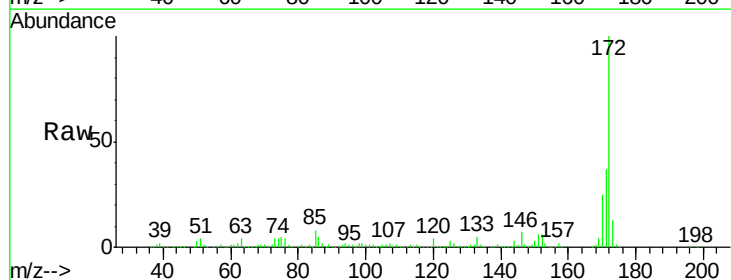


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

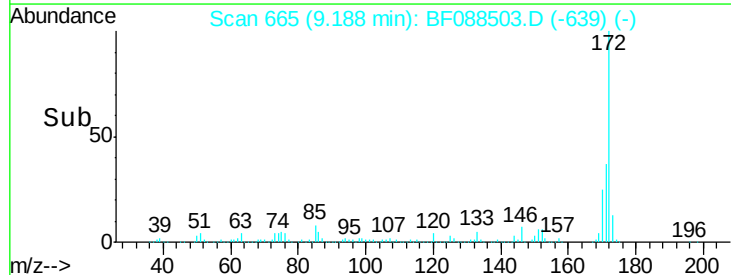
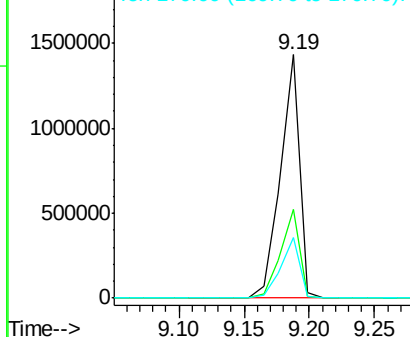


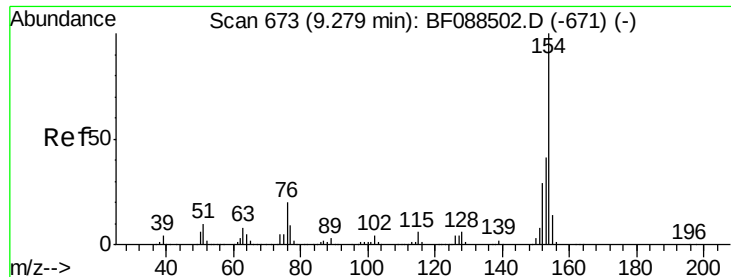
#44  
 2-Fluorobiphenyl  
 Concen: 77.32 ng  
 RT: 9.19 min Scan# 665  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1479379 |       |       |
| 171     | 36.6 | 29.3  | 43.9    |       |       |
| 170     | 25.0 | 19.8  | 29.8    |       |       |



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





#45

1,1'-Biphenyl

Concen: 47.63 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampled :

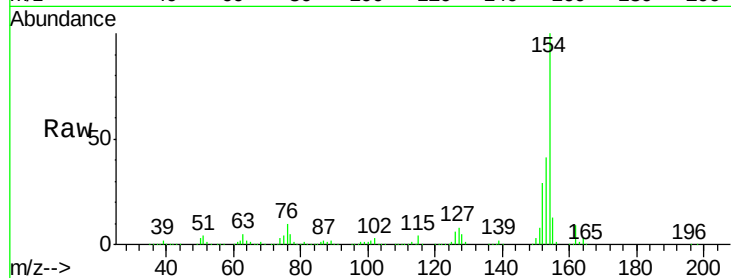
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 986786 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.0  | 20.8  | 60.8   |
| 76        | 10.4  | 0.0   | 39.9   |

Manual Integrations

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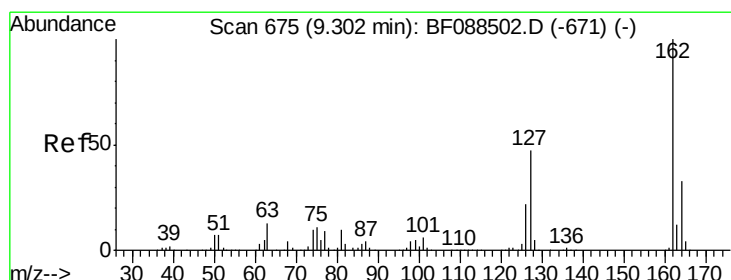
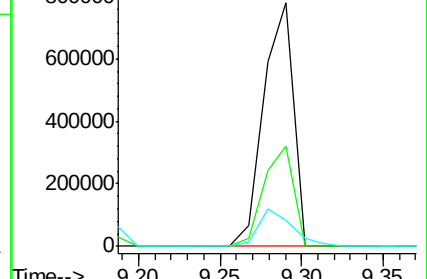
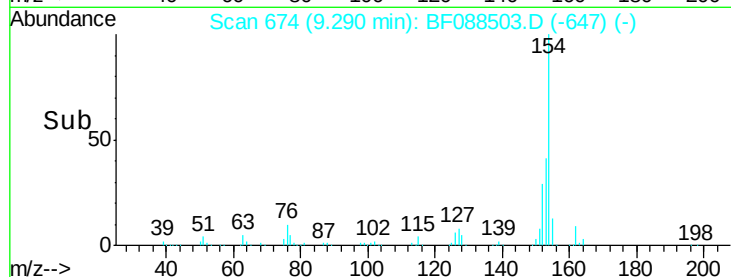
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.74 ng

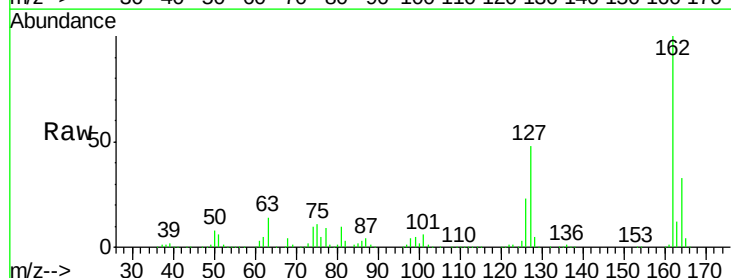
RT: 9.30 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

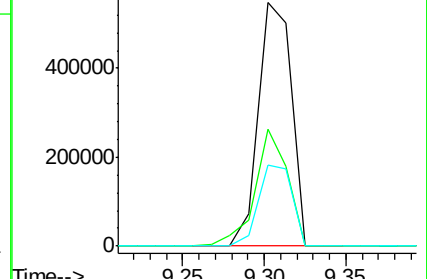
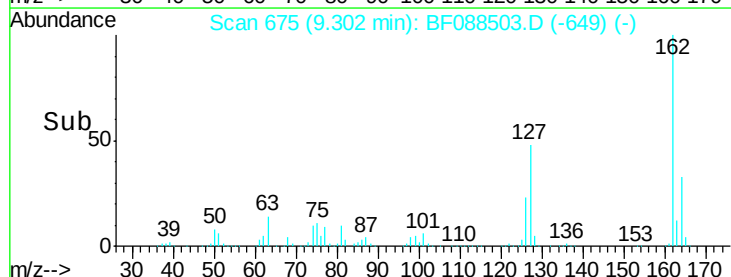
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 770972 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 47.9  | 37.8  | 56.8   |
| 164       | 33.3  | 26.5  | 39.7   |

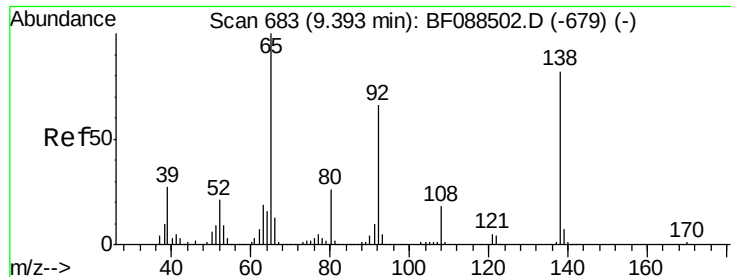


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





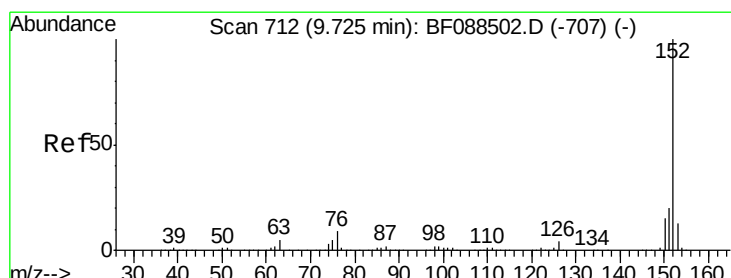
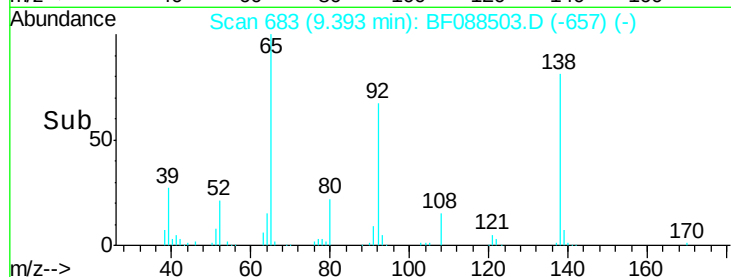
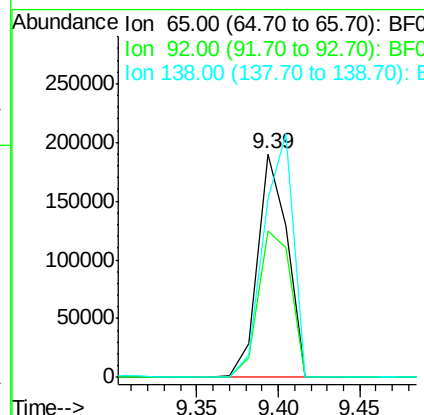
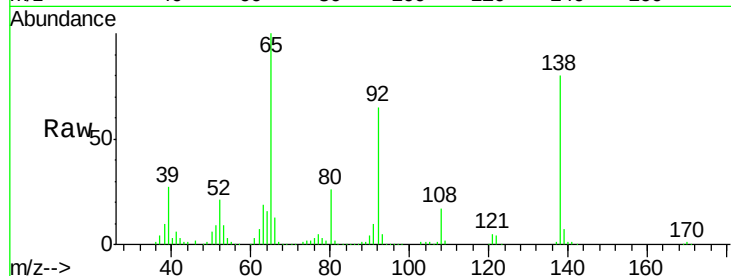
#47  
2-Nitroaniline  
Concen: 50.20 ng  
RT: 9.39 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleID :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.4  | 52.9  | 79.3  |
| 138     | 79.6  | 65.8  | 98.6  |

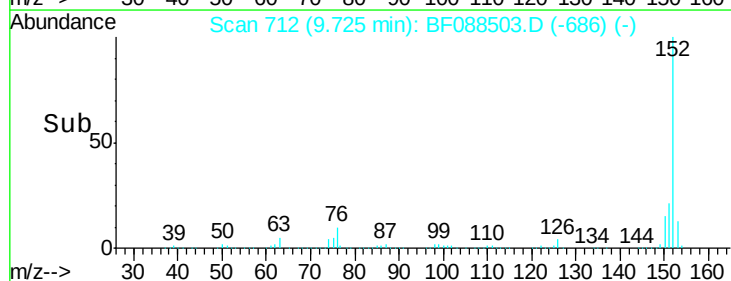
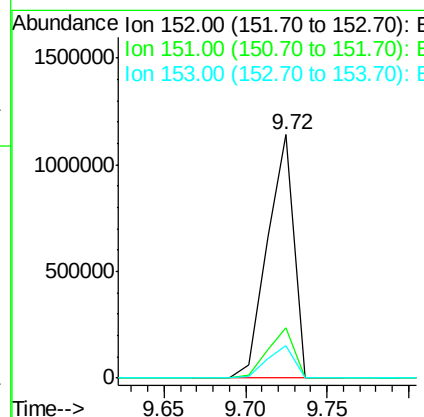
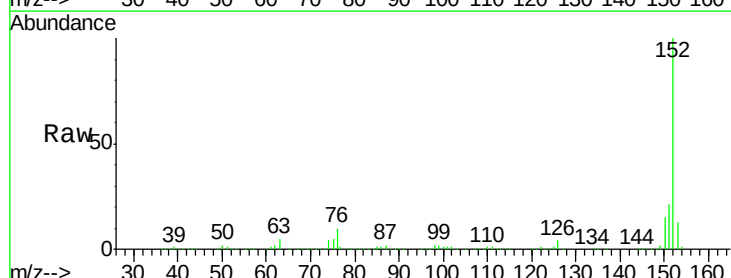
Manual Integrations

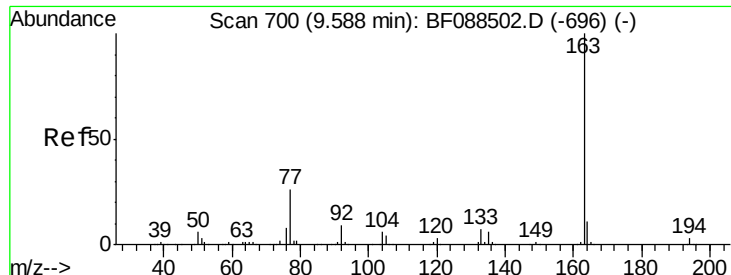
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#48  
Acenaphthylene  
Concen: 48.66 ng  
RT: 9.72 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 16.1  | 24.1  |
| 153     | 13.3  | 10.4  | 15.6  |





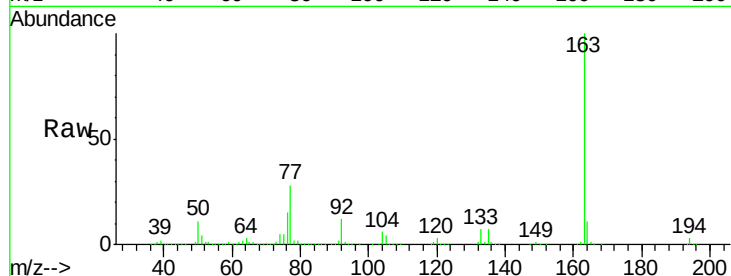
#49  
Dimethylphthalate  
Concen: 43.47 ng  
RT: 9.59 min Scan# 700  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

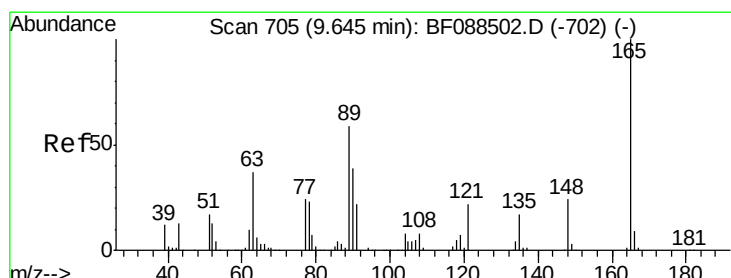
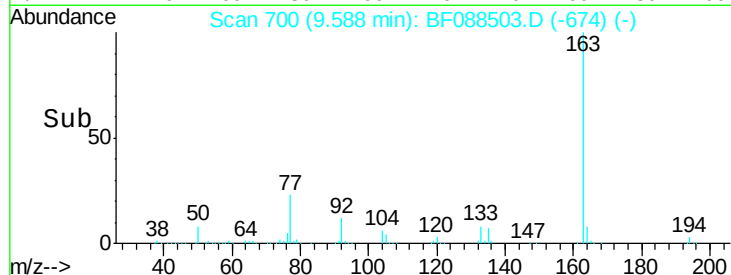
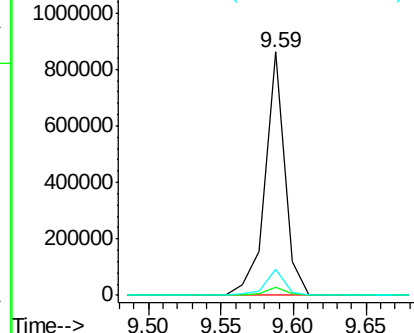
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 807481 |       |       |
| 194     | 3.3   |        | 2.6   | 4.0   |
| 164     | 10.8  |        | 8.5   | 12.7  |

Manual Integrations

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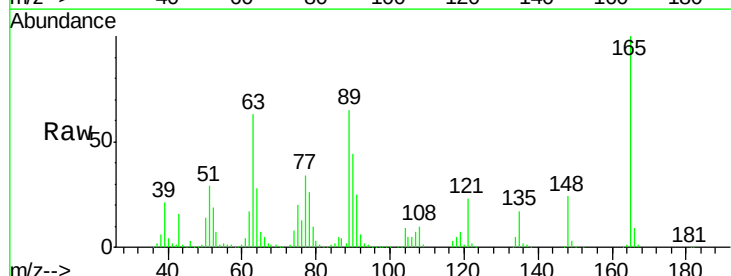


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

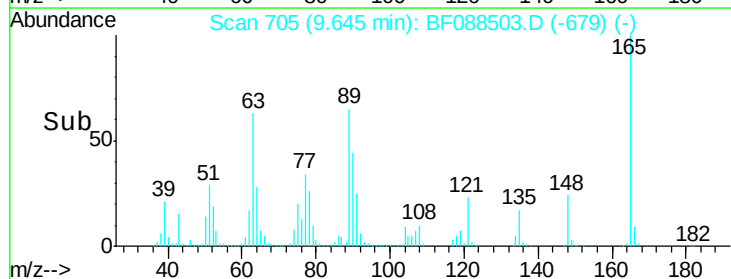
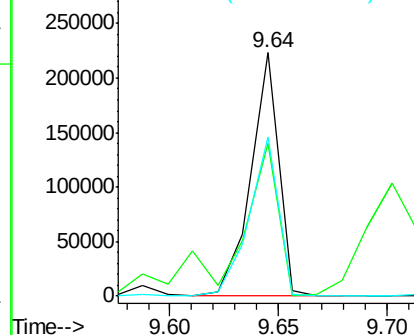


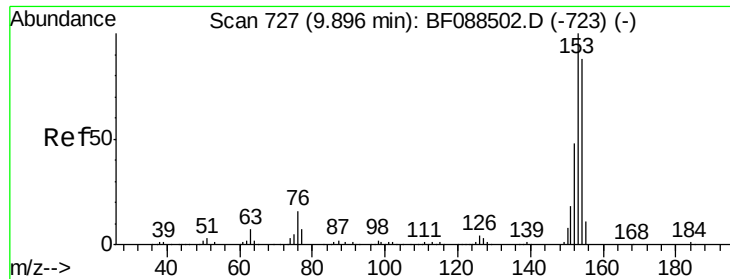
#50  
2,6-Dinitrotoluene  
Concen: 46.15 ng  
RT: 9.64 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 198121 |       |       |
| 63      | 62.9  |        | 45.0  | 67.4  |
| 89      | 65.3  |        | 47.8  | 71.6  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.90 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 765856

Ion Ratio Lower Upper

154 100

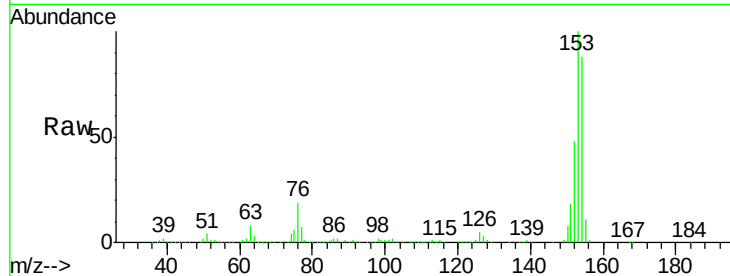
153 113.8 91.0 136.6

152 55.0 43.9 65.9

Manual Integrations

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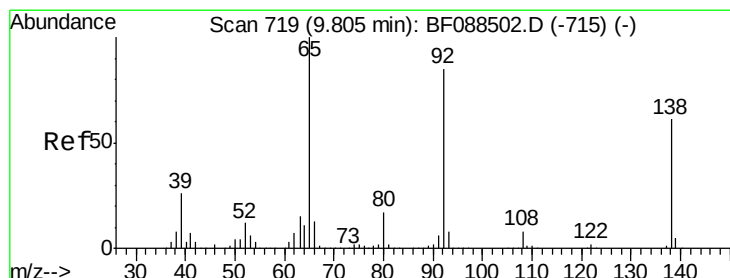
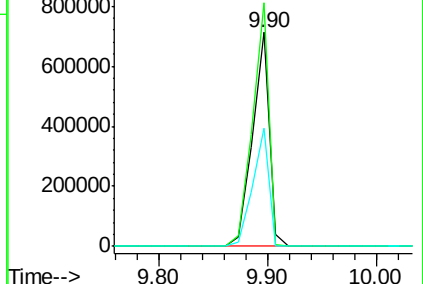
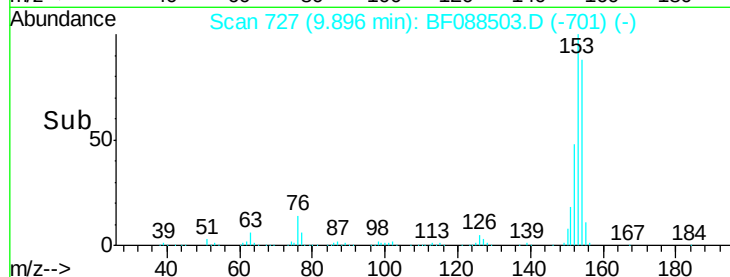
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.77 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

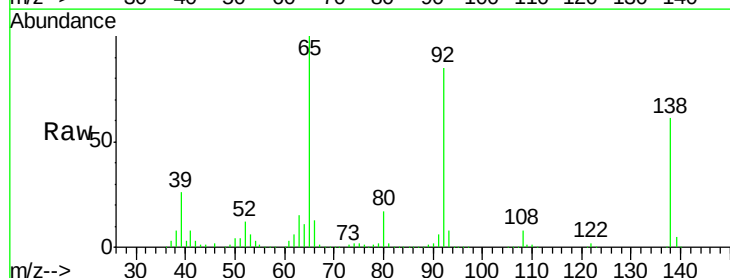
Tgt Ion:138 Resp: 211477

Ion Ratio Lower Upper

138 100

108 12.6 10.2 15.4

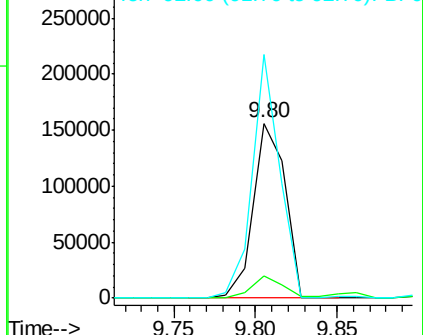
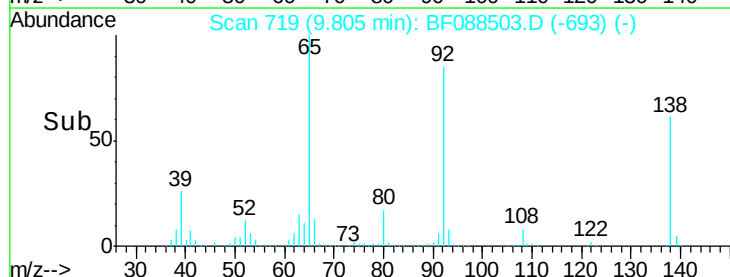
92 139.4 111.6 167.4

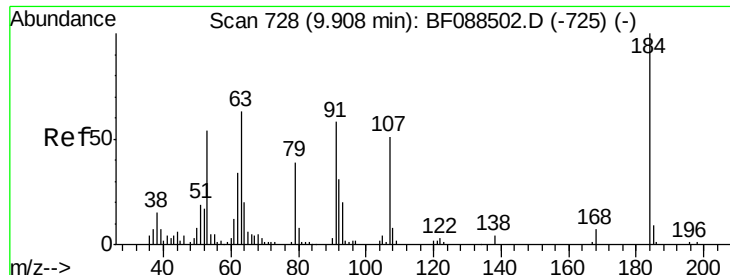


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





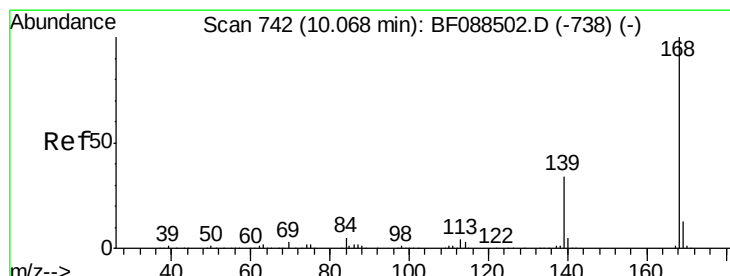
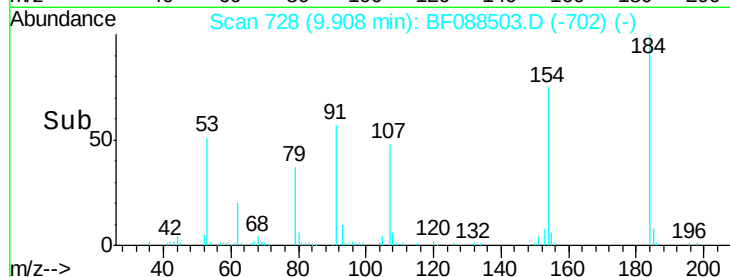
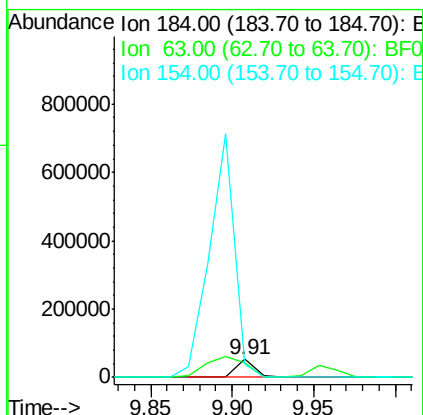
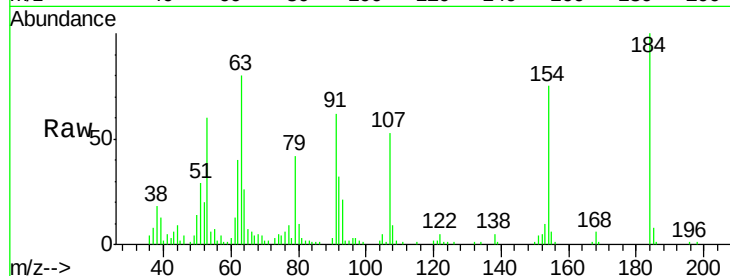
#53  
2,4-Dinitrophenol  
Concen: 31.19 ng  
RT: 9.91 min Scan# 728  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 79.7  | 60.0  | 90.0  |
| 154     | 74.8  | 56.1  | 84.1  |

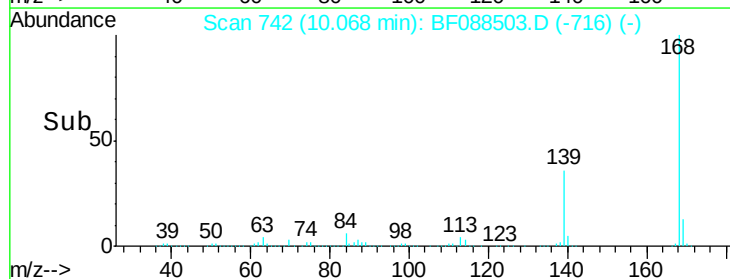
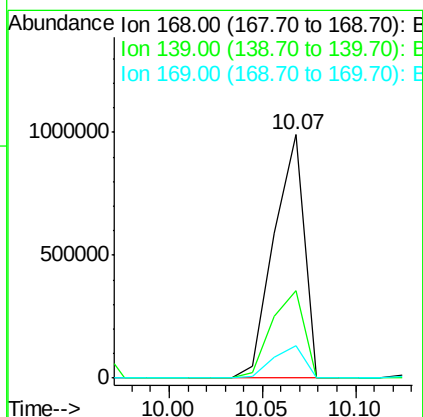
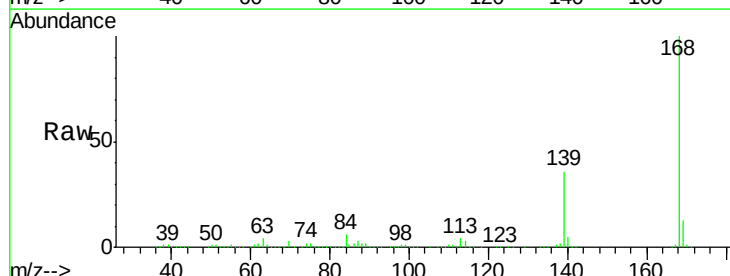
Manual Integrations

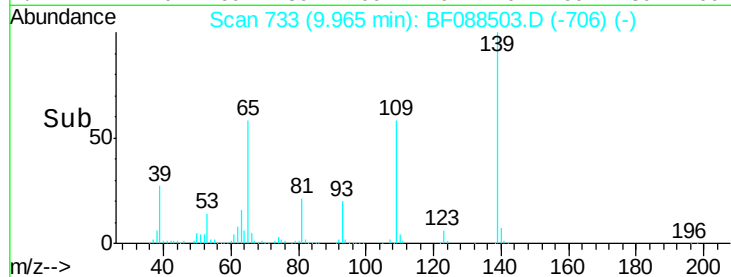
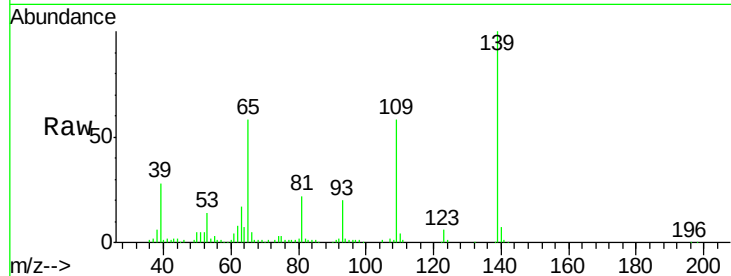
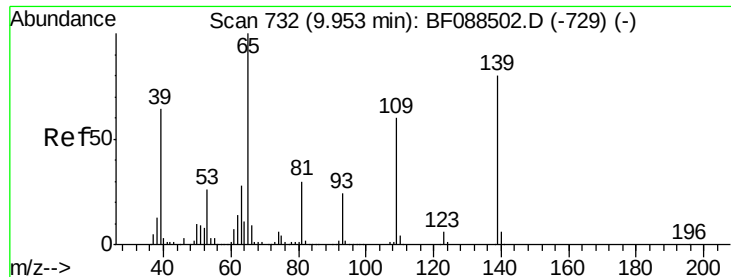
sohil  
6/30/2016 7:46:42 PM



#54  
Dibenzofuran  
Concen: 49.63 ng  
RT: 10.07 min Scan# 742  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 27.1  | 40.7  |
| 169     | 13.4  | 10.6  | 16.0  |





#55

4-Nitrophenol

Concen: 42.98 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 153632 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 58.2  | 56.1  | 96.1   |
| 65        | 58.4  | 105.9 | 145.9# |

Instrument :

BNA\_F

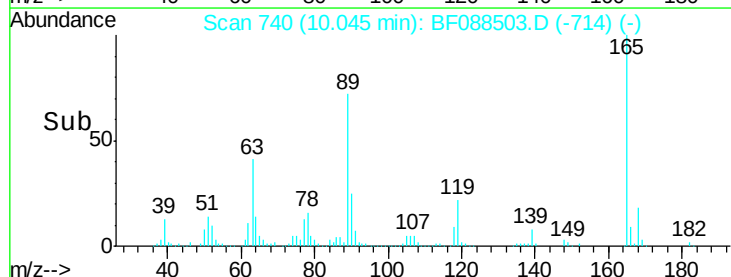
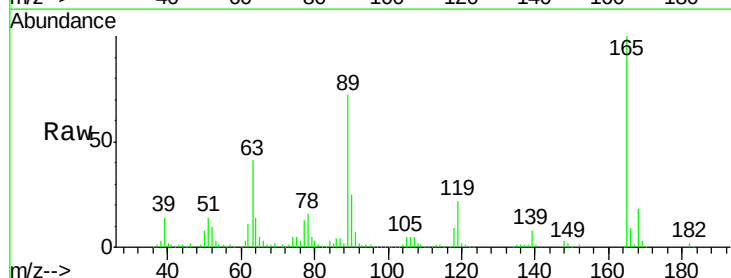
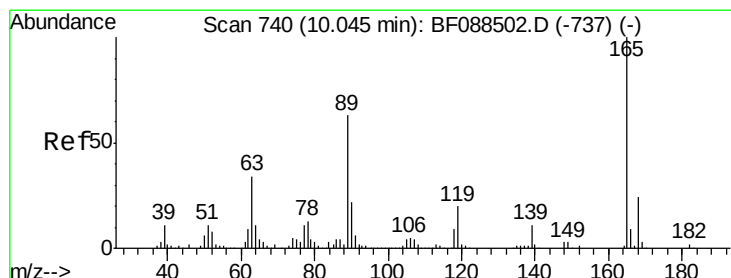
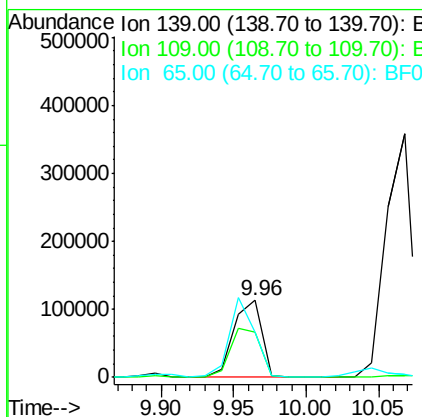
ClientSampleId :

SSTDIC050

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 47.10 ng

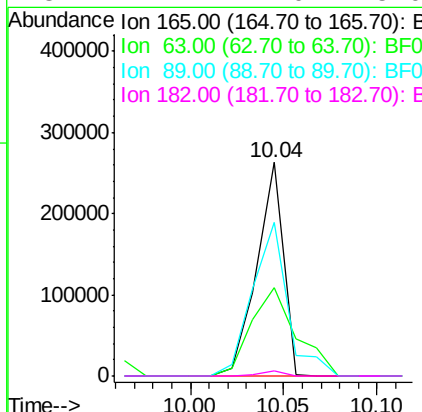
RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

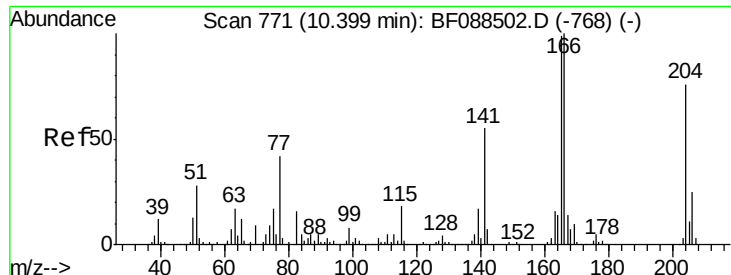
Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 258343 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 41.3  | 27.3  | 40.9#  |
| 89        | 72.2  | 50.4  | 75.6   |
| 182       | 2.4   | 2.0   | 3.0    |







#57

Fluorene

Concen: 40.71 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 712729

Ion Ratio Lower Upper

166 100

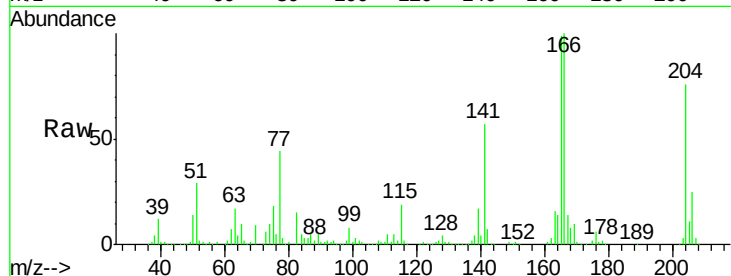
165 99.1 79.0 118.6

167 14.1 11.3 16.9

Manual Integrations

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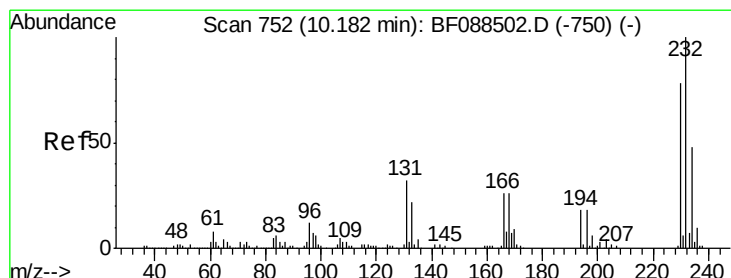
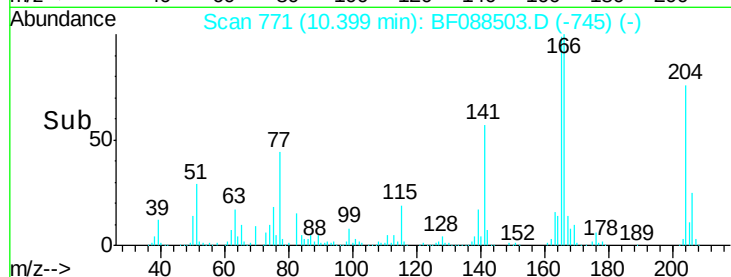
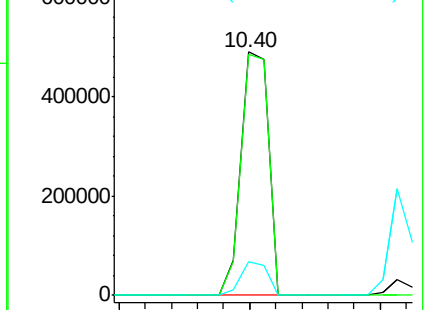
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.70 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Tgt Ion:232 Resp: 190198

Ion Ratio Lower Upper

232 100

131 47.4 40.1 60.1

130 2.4 2.2 3.4

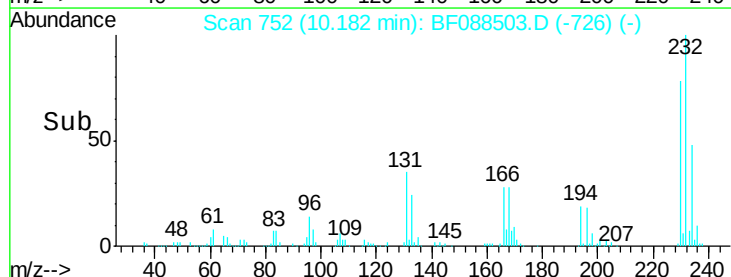
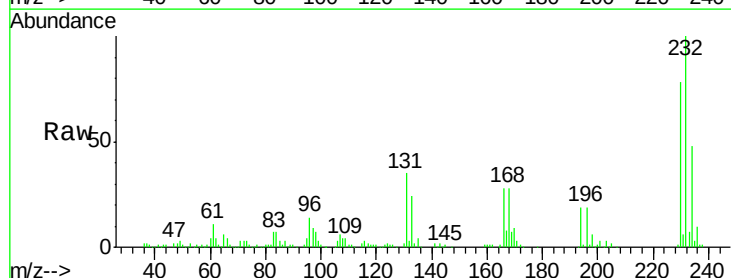
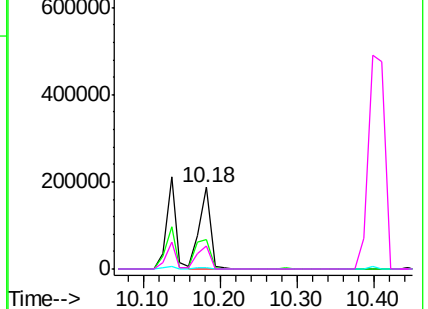
166 33.0 24.4 36.6

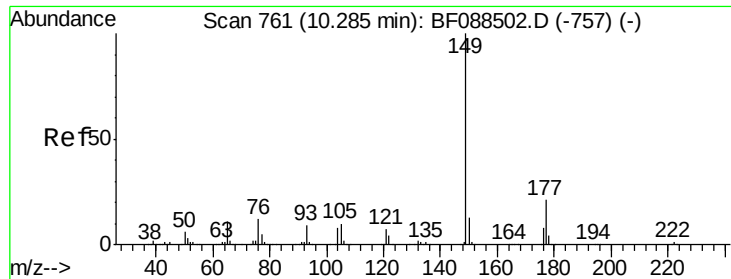
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.80 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampled :

SSTDIC050

Tot Ion:149 Resp: 841108

Ion Ratio Lower Upper

149 100

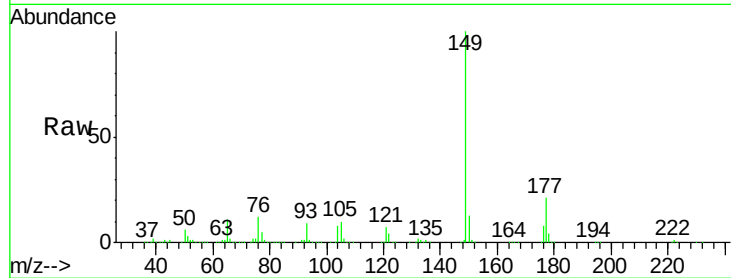
177 21.1 16.8 25.2

150 13.1 10.3 15.5

Manual Integrations

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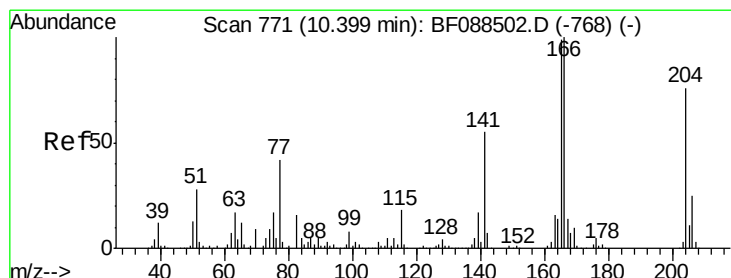
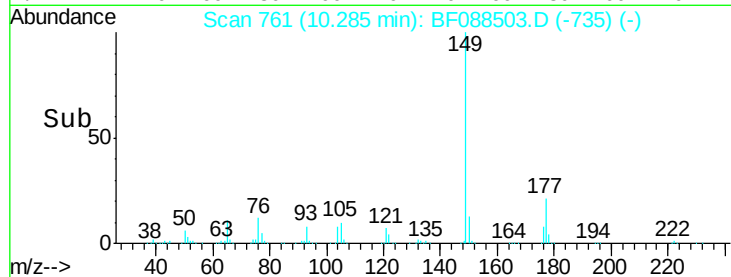
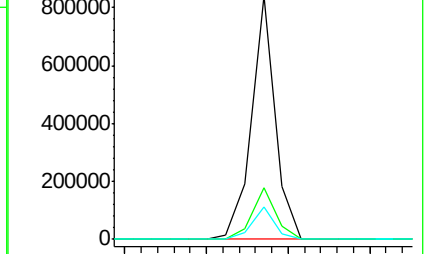
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.35 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

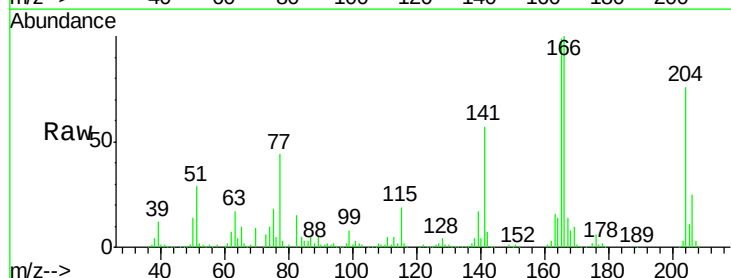
Tgt Ion:204 Resp: 317449

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.4

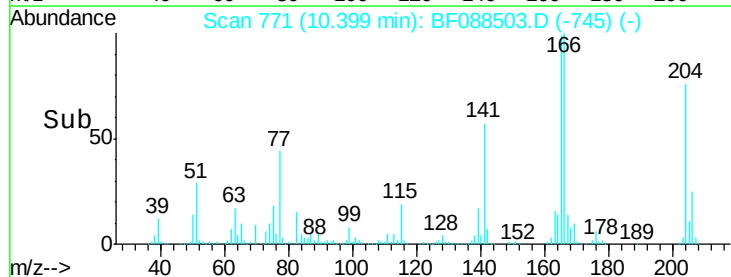
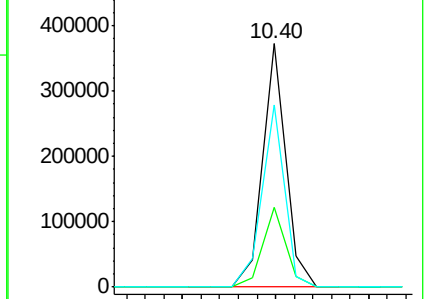
141 75.1 58.4 87.6

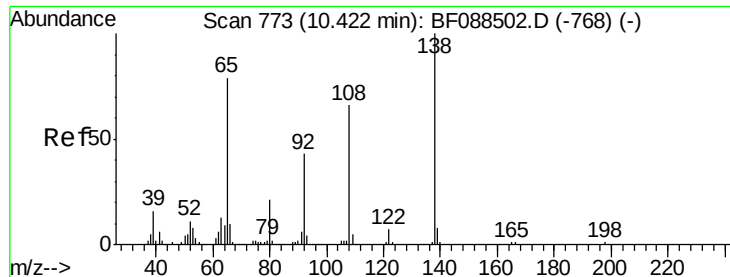


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.09 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:138 Resp: 197462

Ion Ratio Lower Upper

138 100

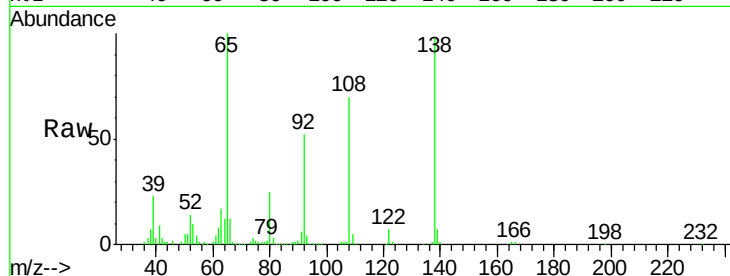
92 52.7 23.4 63.4

108 71.6 45.9 85.9

Manual Integrations

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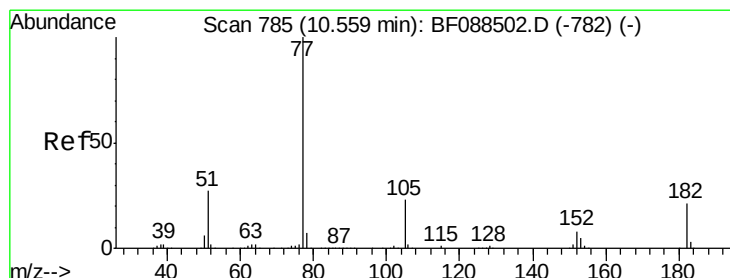
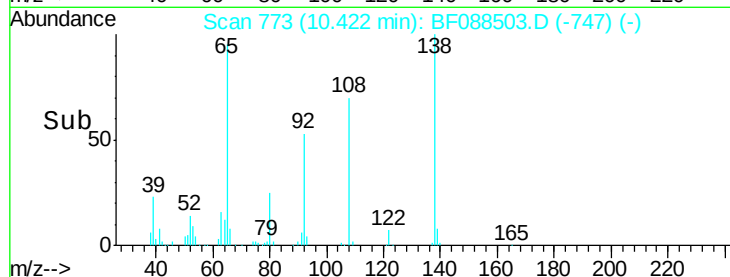
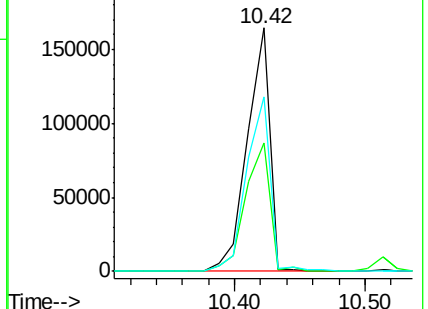
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 59.28 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Tgt Ion: 77 Resp: 1126857

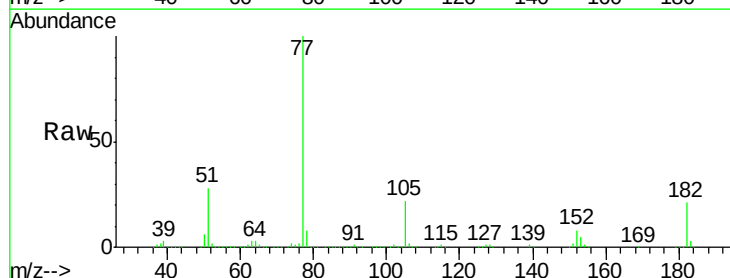
Ion Ratio Lower Upper

77 100

182 20.9 0.6 40.6

105 22.3 2.3 42.3

51 28.3 8.0 48.0

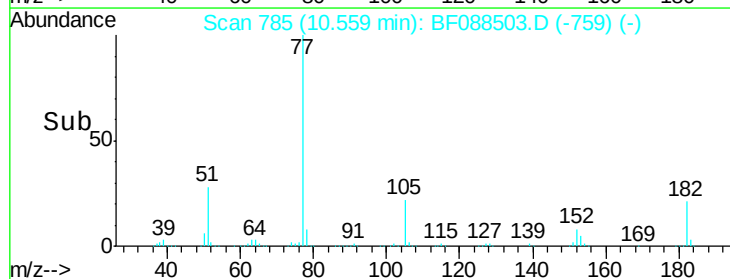
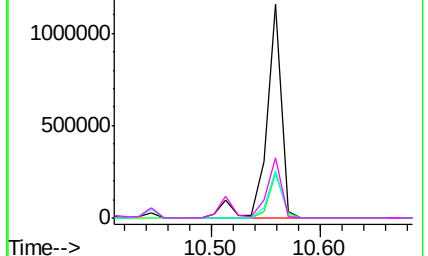


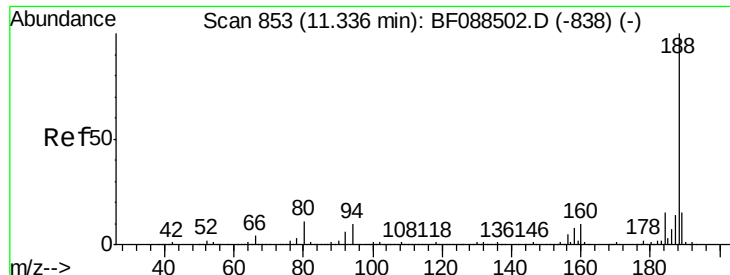
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





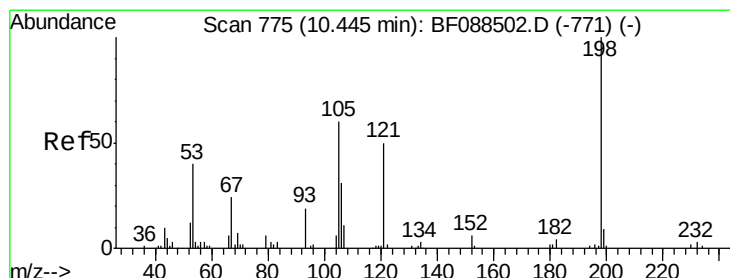
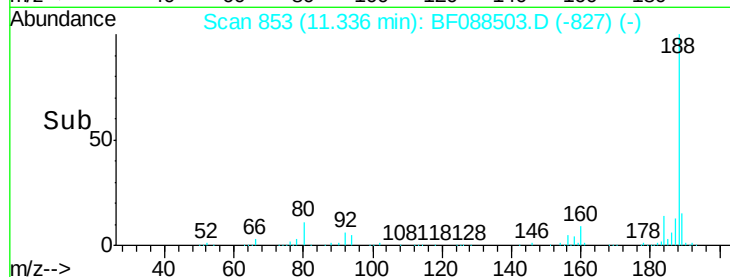
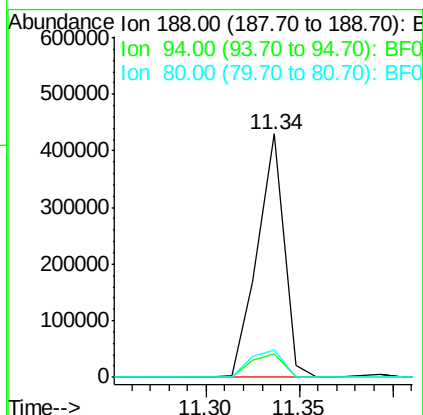
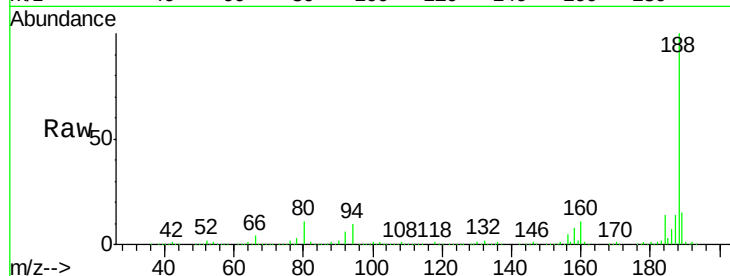
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.34 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.6   | 7.8   | 11.8  |
| 80      | 11.2  | 8.7   | 13.1  |

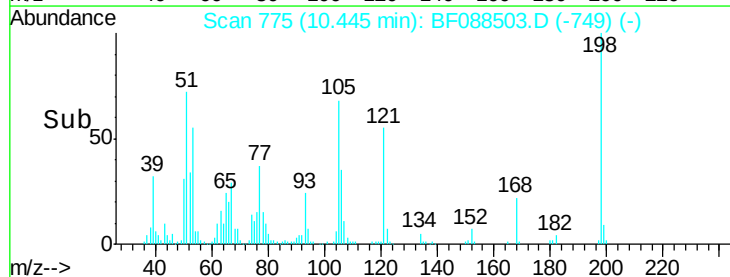
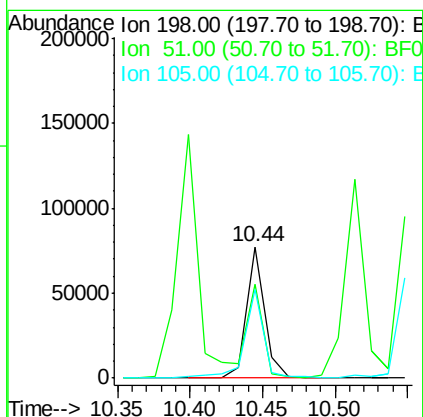
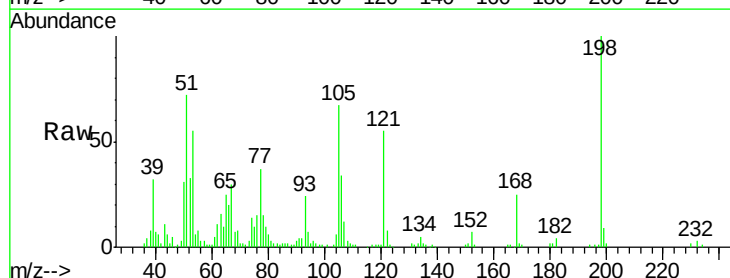
Manual Integrations

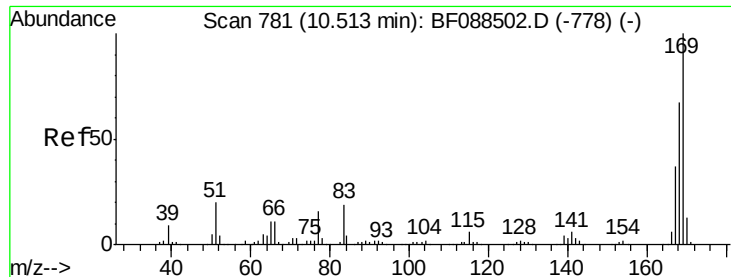
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 32.39 ng  
RT: 10.44 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 71.8  | 42.4  | 82.4  |
| 105     | 67.3  | 41.2  | 81.2  |





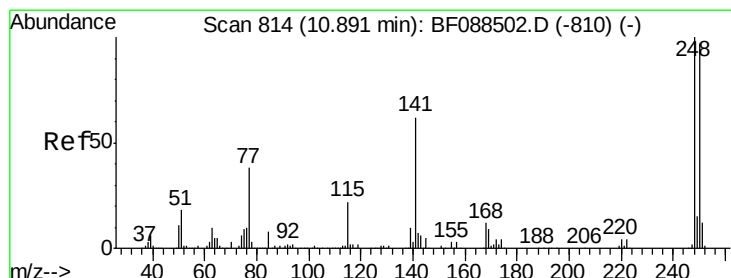
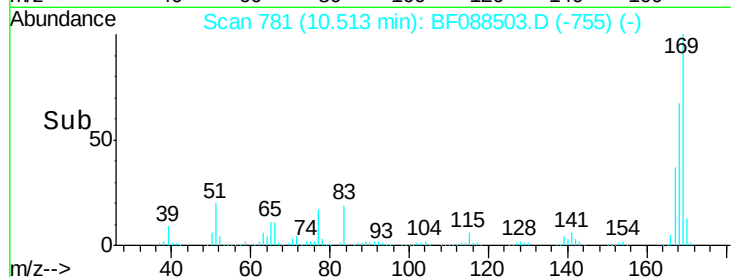
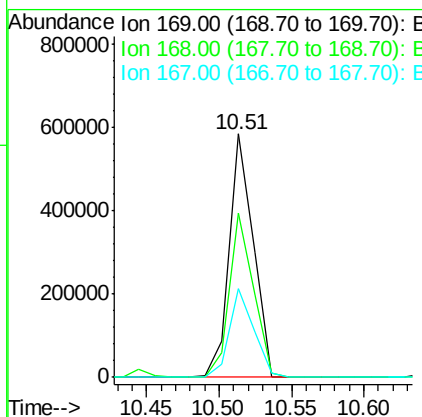
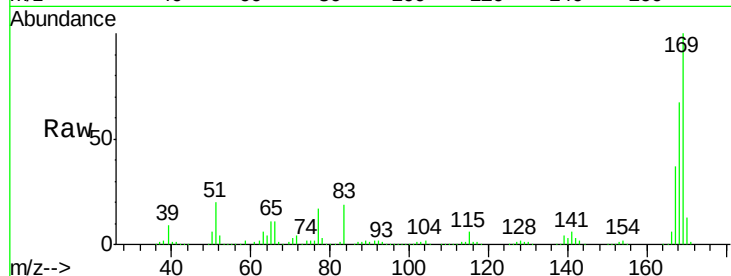
#65  
n-Nitrosodiphenylamine  
Concen: 47.53 ng  
RT: 10.51 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 169     | 100  |       | 669603 |       |       |
| 168     | 67.3 | 53.3  |        | 79.9  |       |
| 167     | 36.6 | 29.7  |        | 44.5  |       |

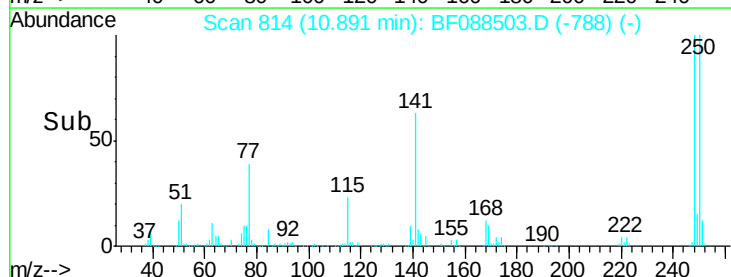
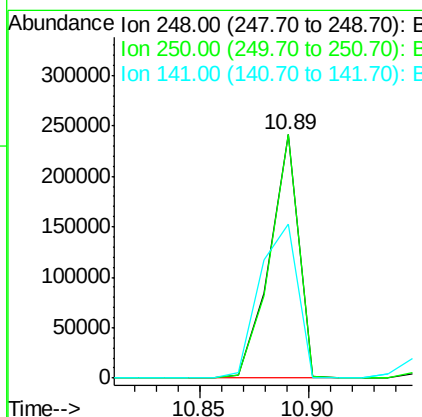
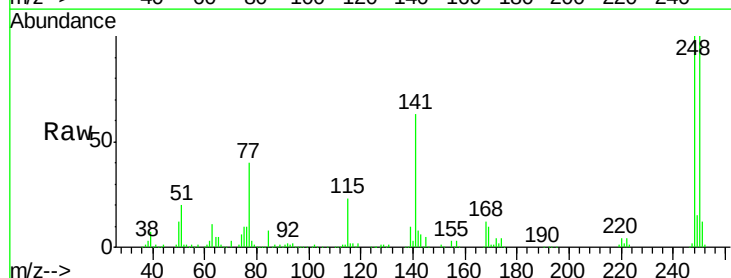
Manual Integrations

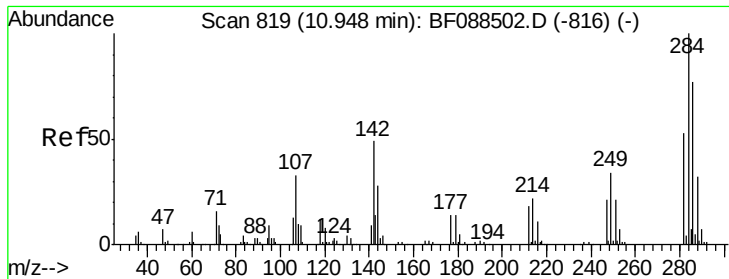
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#66  
4-Bromophenyl-phenylether  
Concen: 49.68 ng  
RT: 10.89 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 248     | 100  |       | 226974 |       |       |
| 250     | 99.9 | 77.7  |        | 116.5 |       |
| 141     | 63.5 | 49.2  |        | 73.8  |       |





#67

Hexachlorobenzene

Concen: 43.62 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF088503.D

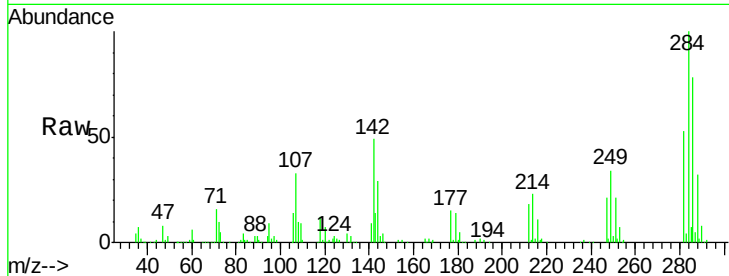
Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

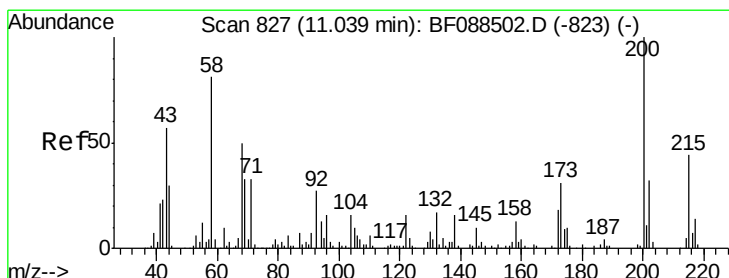
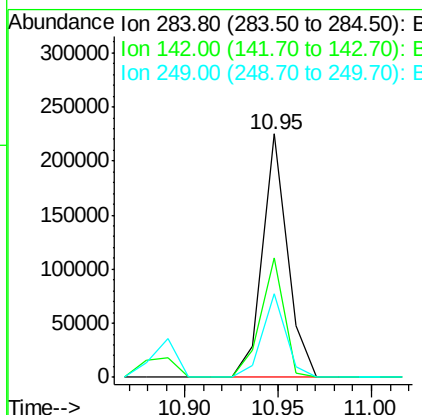
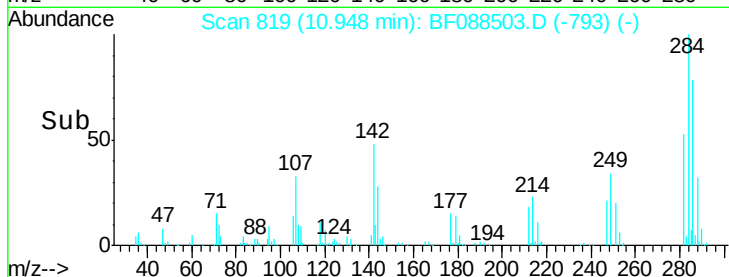


|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 206973 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 49.0  | 39.0  | 58.4   |
| 249       | 34.1  | 27.0  | 40.4   |

Manual Integrations

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#68

Atrazine

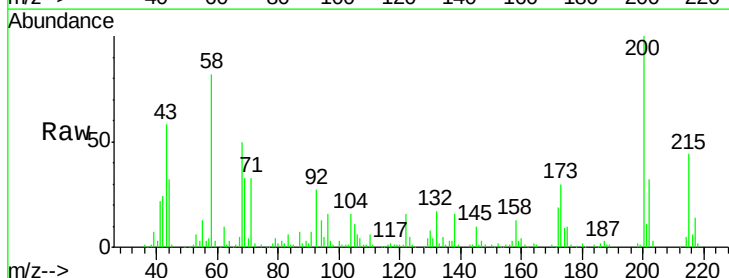
Concen: 47.71 ng

RT: 11.04 min Scan# 827

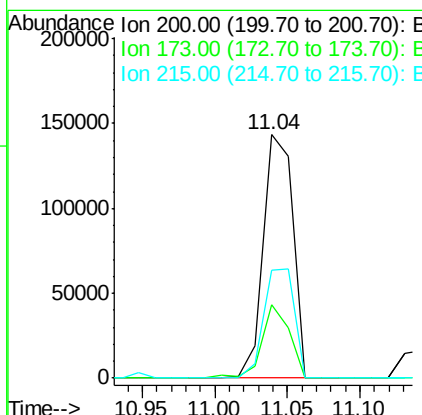
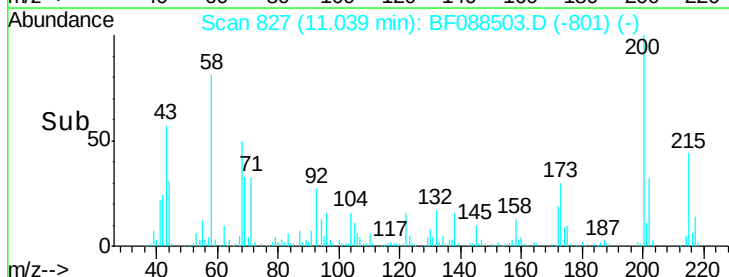
Delta R.T. -0.00 min

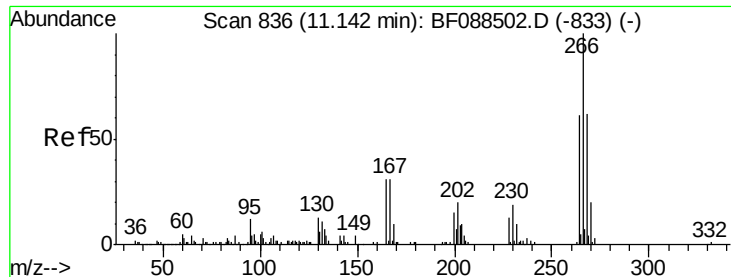
Lab File: BF088503.D

Acq: 29 Jun 2016 20:04



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 201882 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 30.3  | 11.0  | 51.0   |
| 215       | 44.3  | 24.1  | 64.1   |





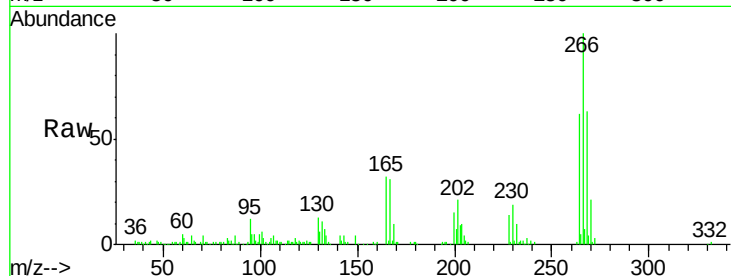
#69  
 Pentachlorophenol  
 Concen: 48.25 ng  
 RT: 11.14 min Scan# 836  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC050

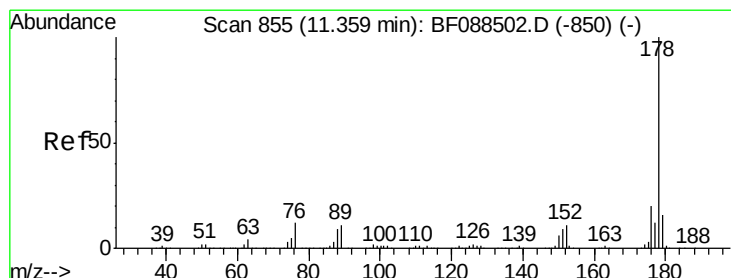
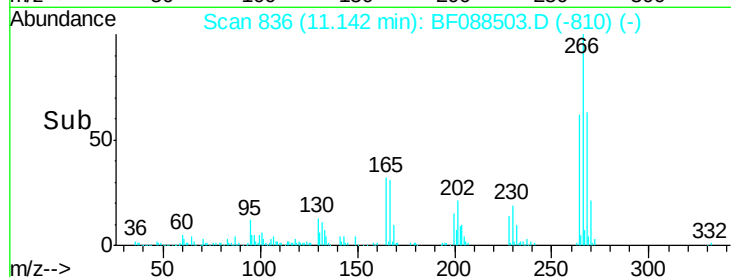
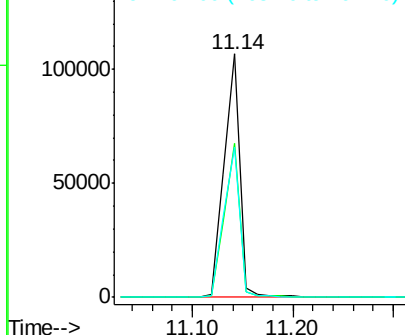
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 49.4  | 74.2  |
| 264     | 61.8  | 49.0  | 73.4  |

Manual Integrations

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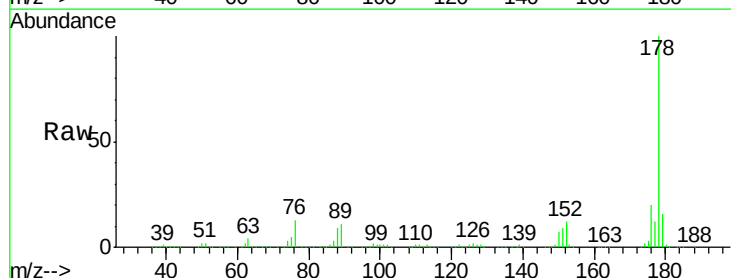


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

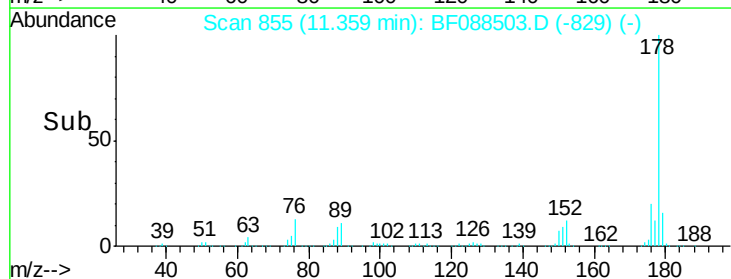
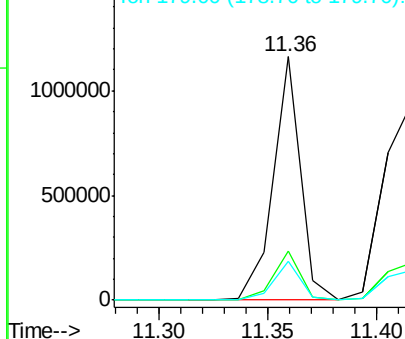


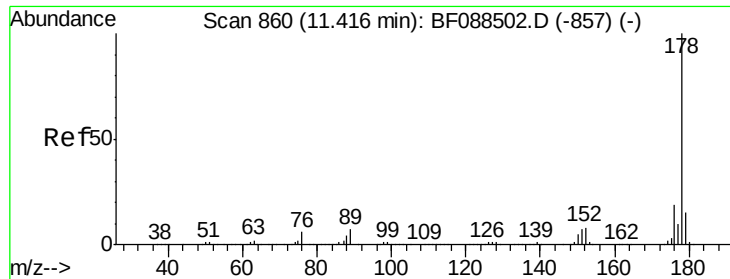
#70  
 Phenanthrene  
 Concen: 45.18 ng  
 RT: 11.36 min Scan# 855  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 16.1  | 24.1  |
| 179     | 16.0  | 12.8  | 19.2  |



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





#71  
 Anthracene  
 Concen: 51.47 ng  
 RT: 11.42 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

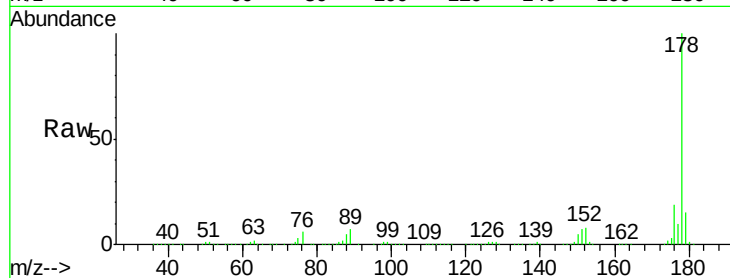
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:178 Resp: 1165706  

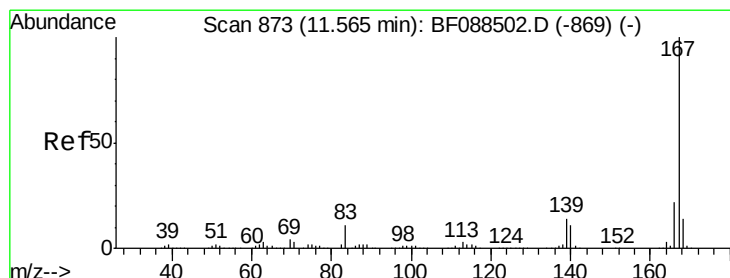
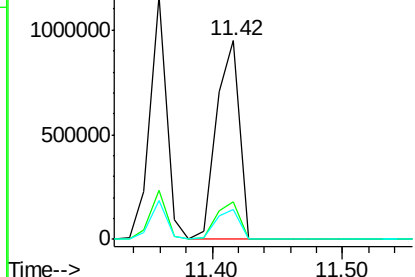
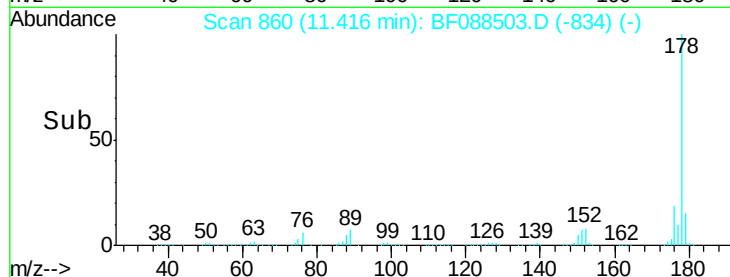
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.0  | 15.2  | 22.8  |
| 179 | 15.3  | 12.3  | 18.5  |

Manual Integrations

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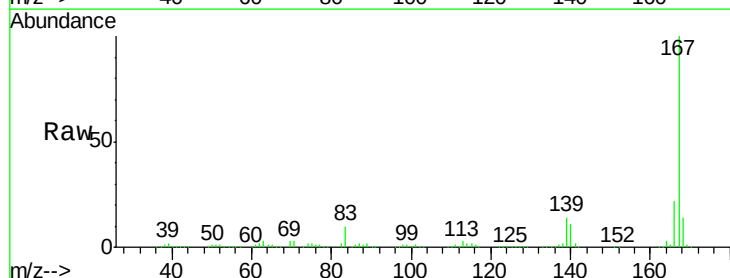
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E



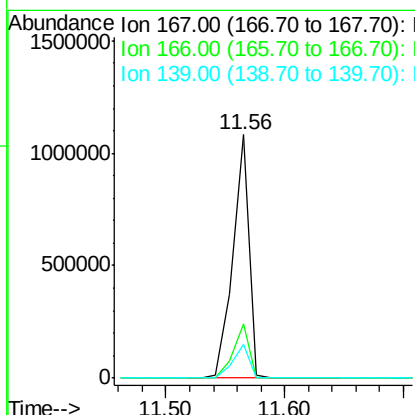
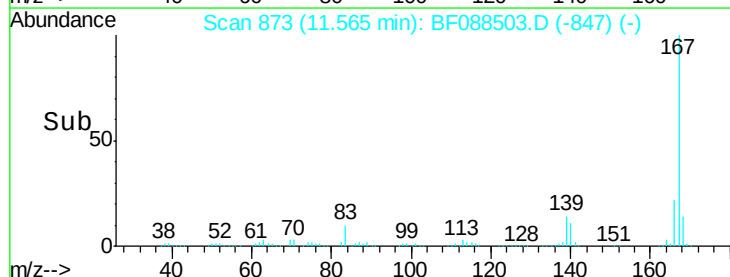
#72  
 Carbazole  
 Concen: 47.50 ng  
 RT: 11.56 min Scan# 873  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Tgt Ion:167 Resp: 1016037  

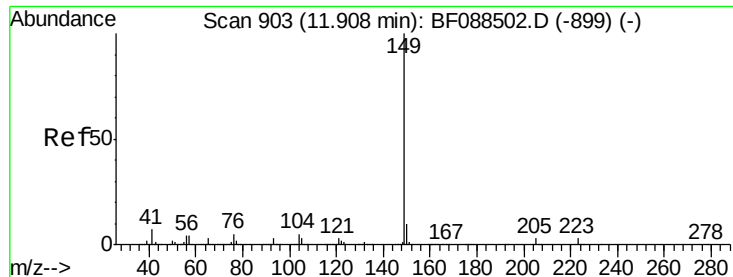
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.4  | 17.8  | 26.8  |
| 139 | 13.8  | 11.2  | 16.8  |



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







#73

Di-n-butylphthalate

Concen: 46.83 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1251313

Ion Ratio Lower Upper

149 100

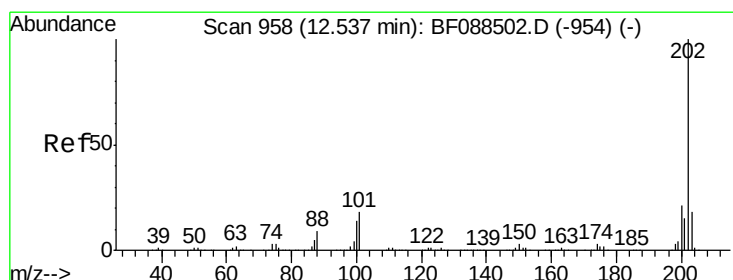
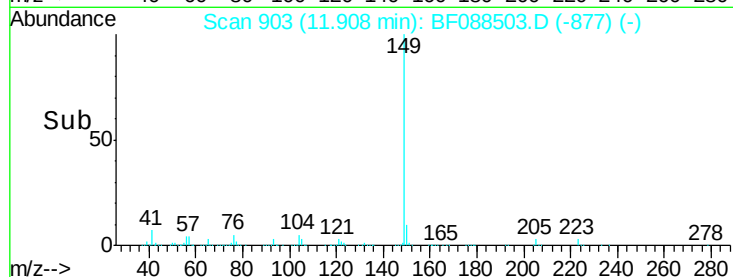
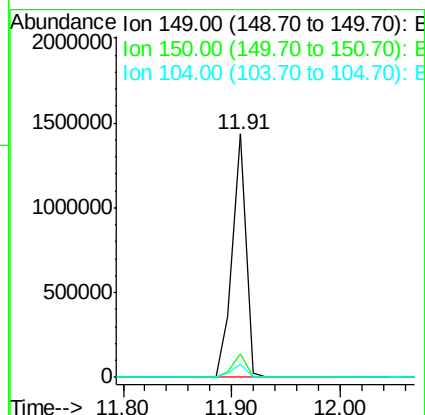
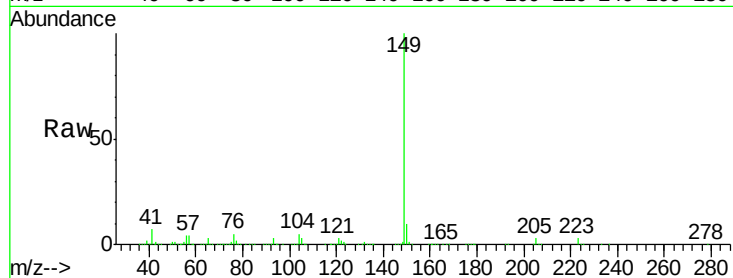
150 9.6 7.7 11.5

104 5.3 4.4 6.6

Manual Integrations

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#74

Fluoranthene

Concen: 38.72 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

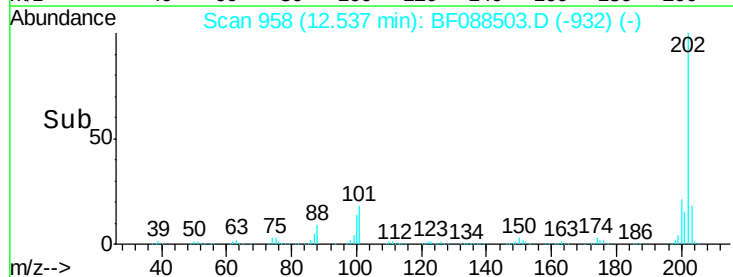
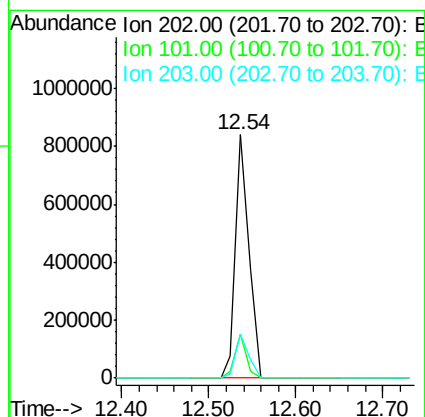
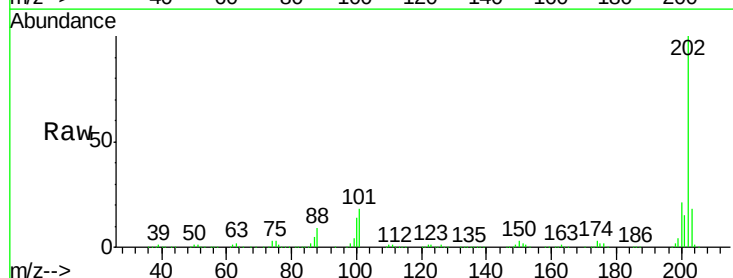
Tgt Ion:202 Resp: 892767

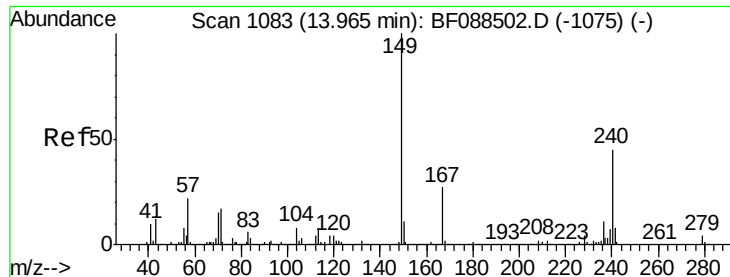
Ion Ratio Lower Upper

202 100

101 18.0 0.0 38.1

203 17.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampled :

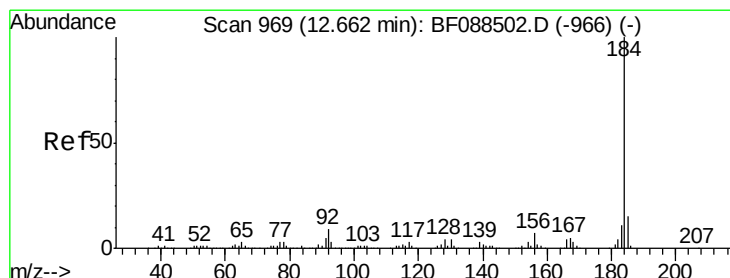
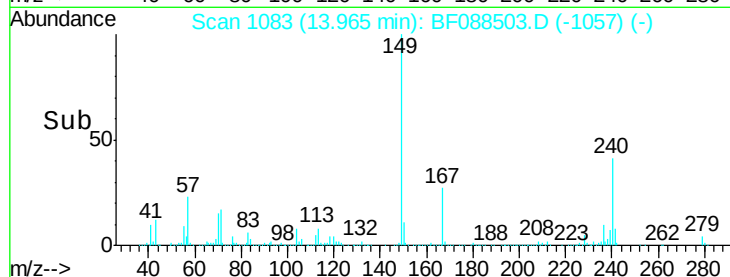
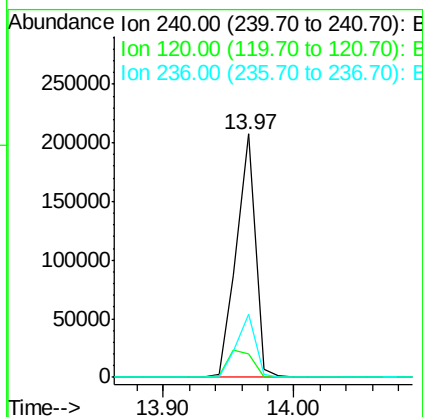
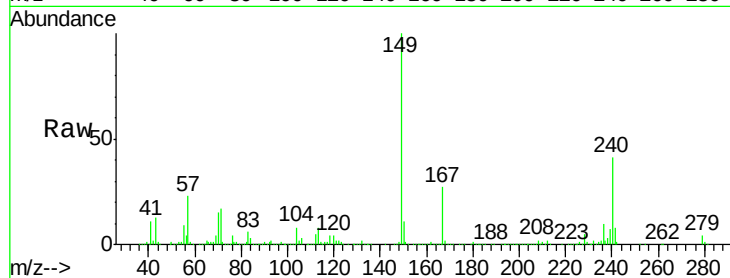
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 210366 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.7   | 7.1   | 10.7   |
| 236       | 25.8  | 20.3  | 30.5   |

Manual Integrations

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#76

Benzidine

Concen: 55.40 ng

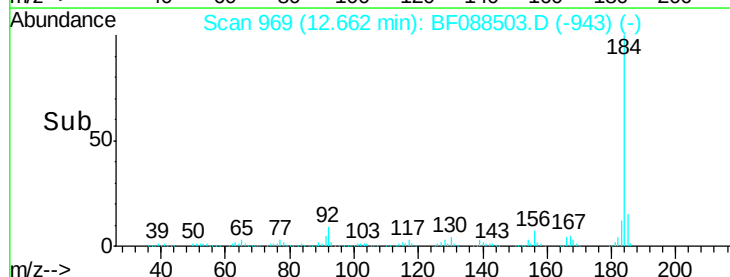
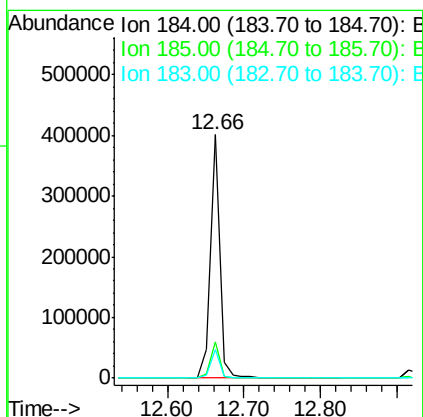
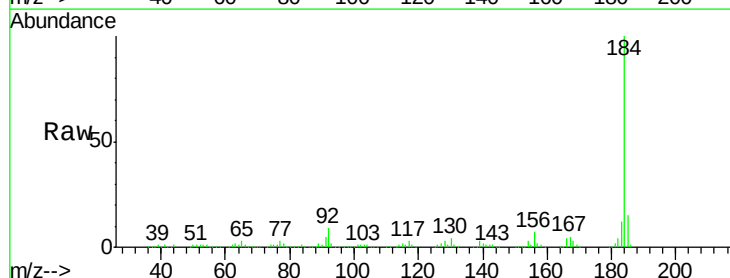
RT: 12.66 min Scan# 969

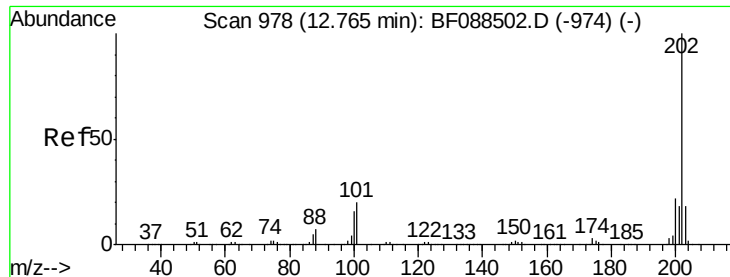
Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 334157 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 11.7  | 17.5   |
| 183       | 11.7  | 9.1   | 13.7   |





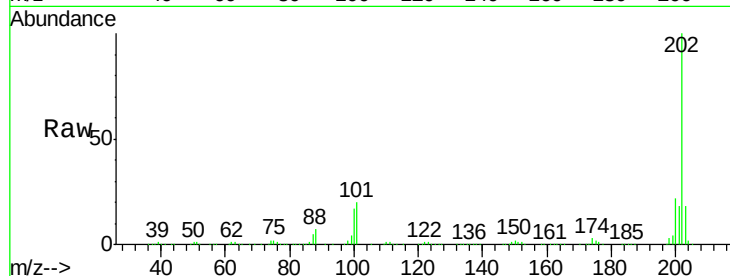
#77  
Pvrene  
Concen: 53.83 ng  
RT: 12.77 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

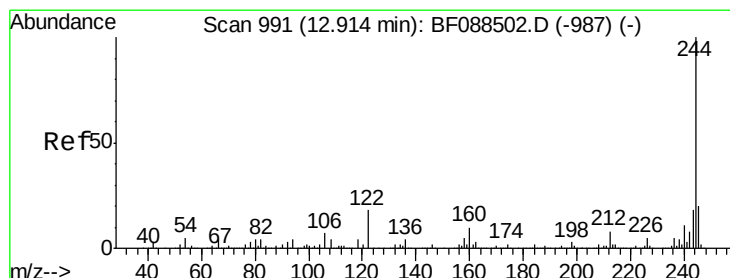
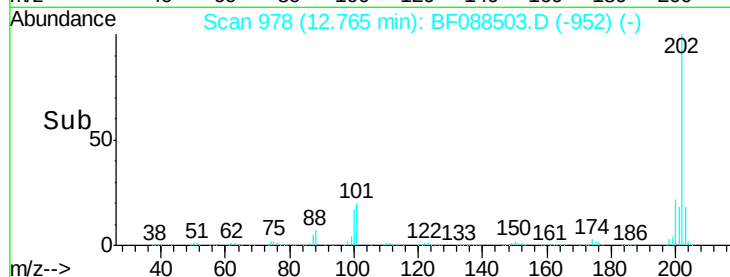
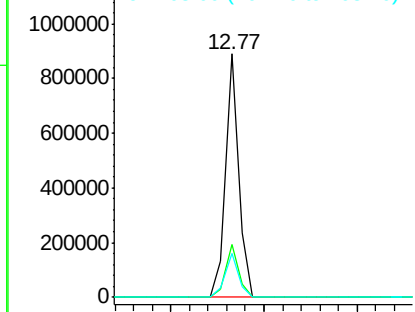
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 17.5  | 26.3  |
| 203     | 18.1  | 14.7  | 22.1  |

Manual Integrations

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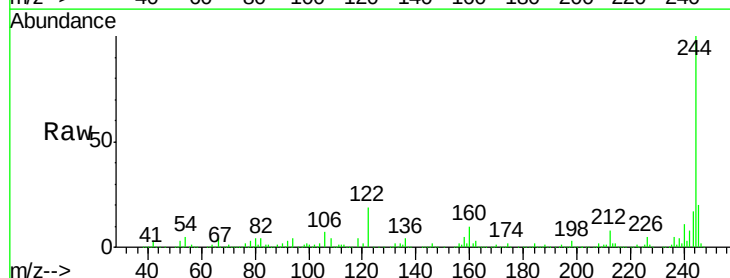


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

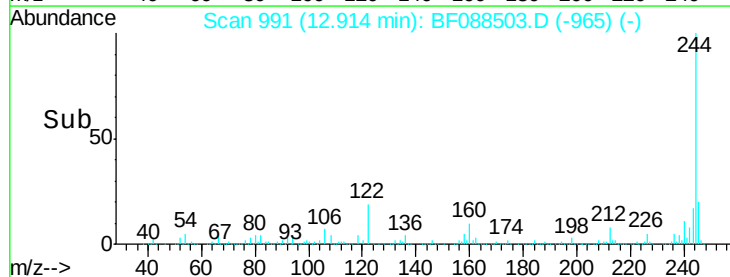
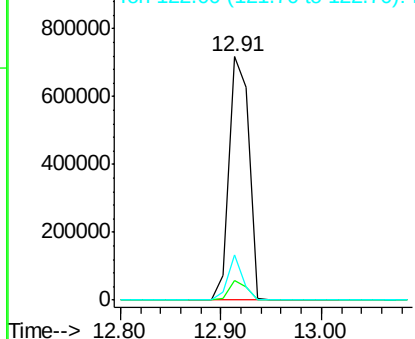


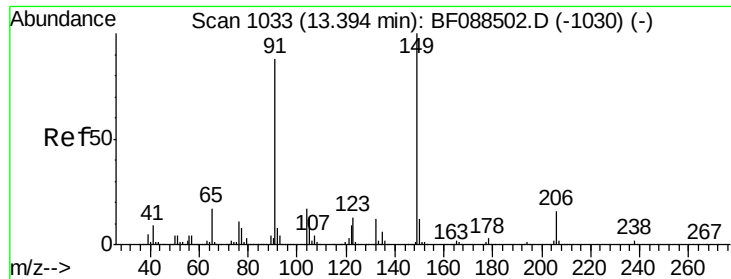
#78  
Terphenyl-d14  
Concen: 102.37 ng  
RT: 12.91 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 6.5   | 9.7   |
| 122     | 18.8  | 14.8  | 22.2  |



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





#79

Butylbenzylphthalate

Concen: 55.22 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

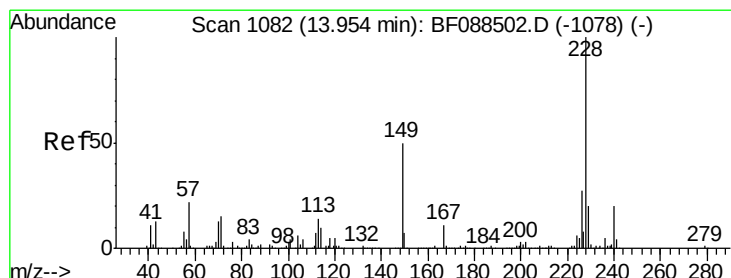
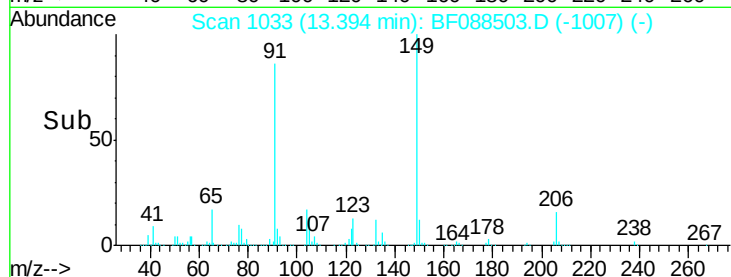
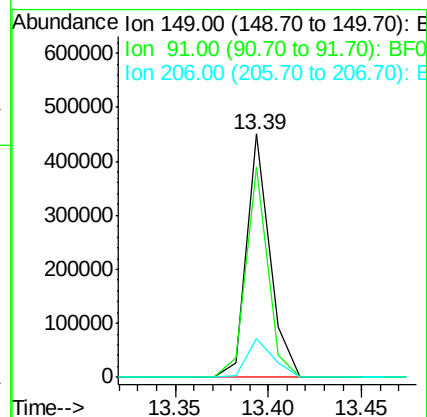
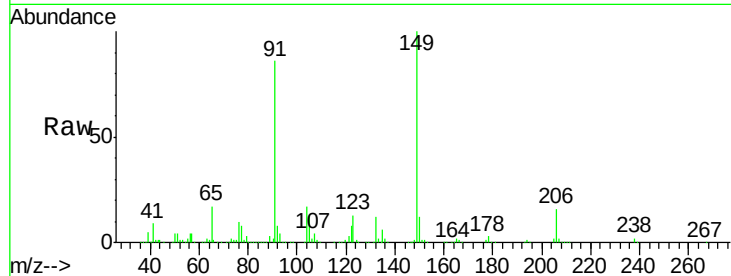
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 391669 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 86.5  | 70.6  | 106.0  |
| 206       | 15.7  | 12.7  | 19.1   |

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#80

Benzo(a)anthracene

Concen: 56.90 ng

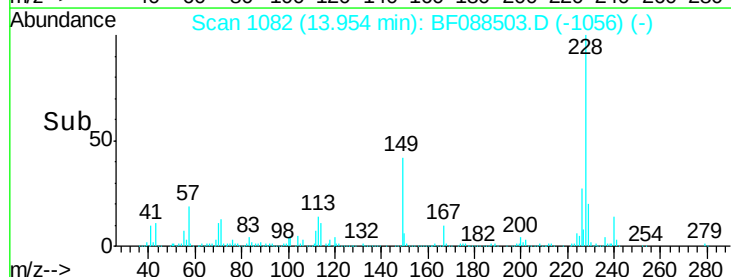
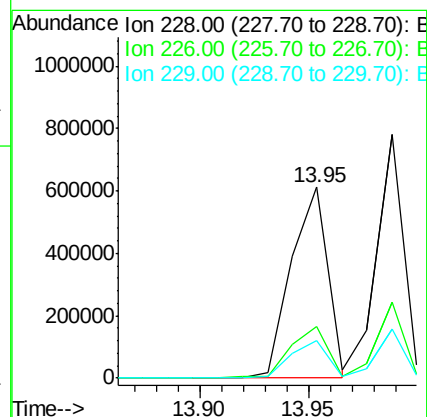
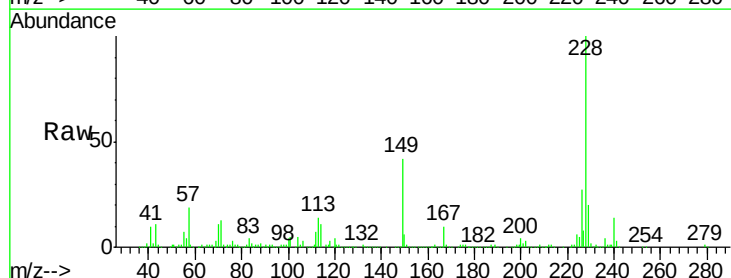
RT: 13.95 min Scan# 1082

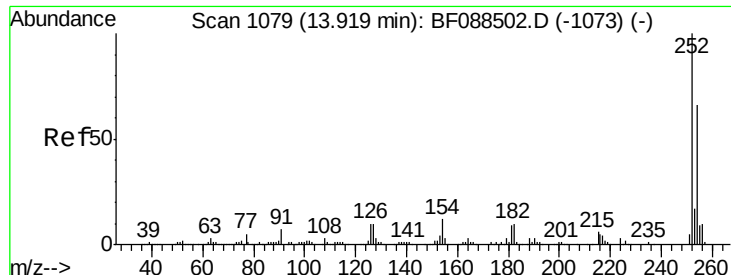
Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 718400 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.3  | 22.0  | 33.0   |
| 229       | 19.7  | 15.8  | 23.6   |





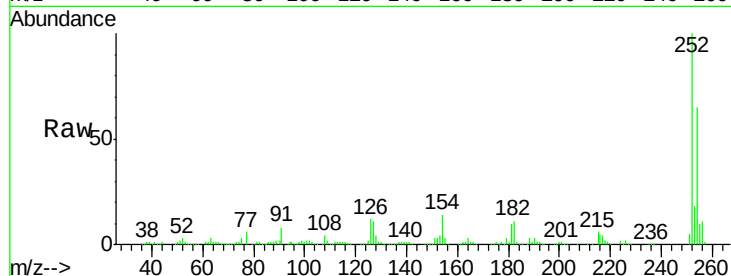
#81  
 3,3'-Dichlorobenzidine  
 Concen: 72.91 ng  
 RT: 13.92 min Scan# 1079  
 Delta R.T. -0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

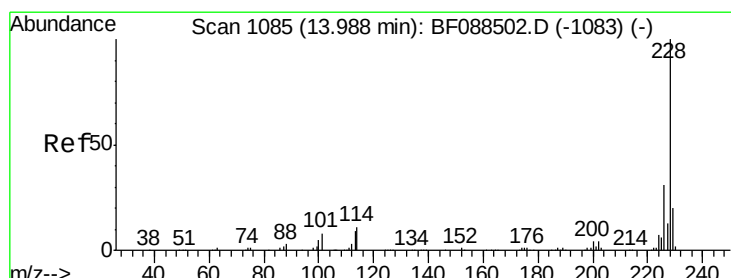
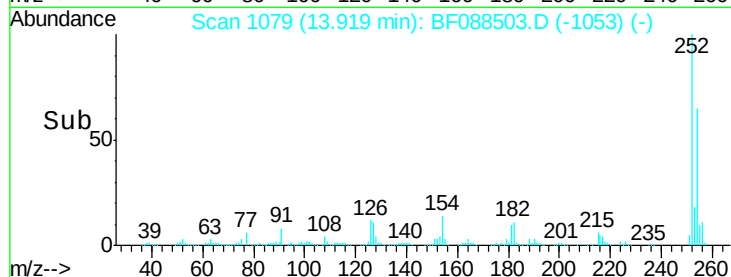
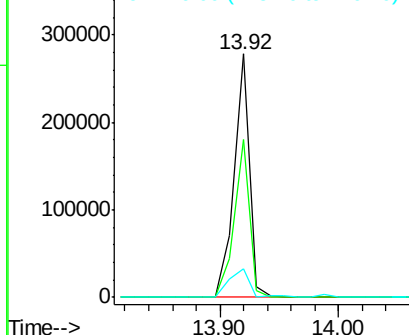
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 250903 |       |       |
| 254     | 64.9  |        | 52.6  | 78.8  |
| 126     | 11.8  |        | 8.2   | 12.4  |

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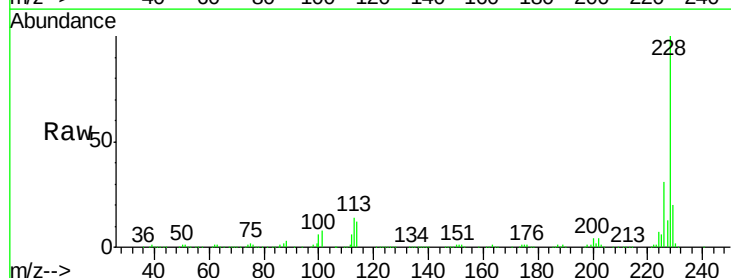


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

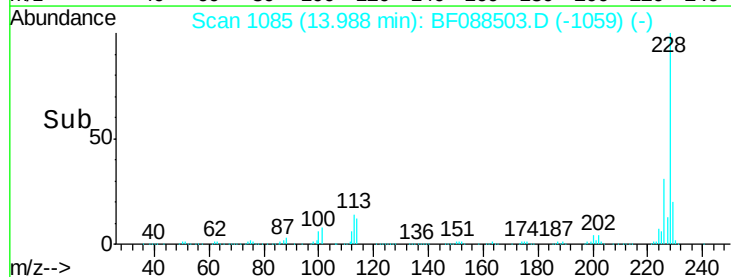
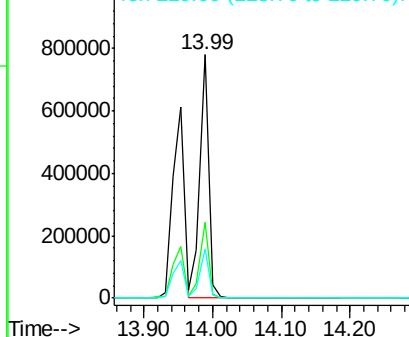


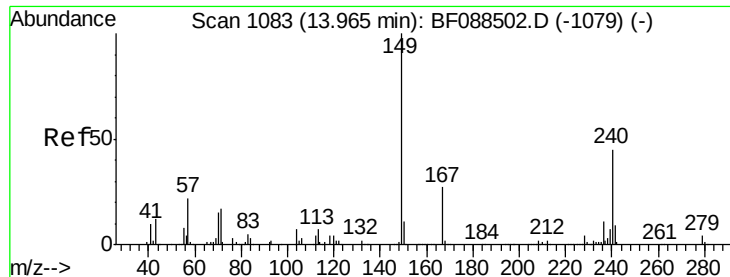
#82  
 Chrysene  
 Concen: 57.61 ng  
 RT: 13.99 min Scan# 1085  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 679225 |       |       |
| 226     | 31.2  |        | 25.1  | 37.7  |
| 229     | 20.0  |        | 16.0  | 24.0  |



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.22 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 538992

Ion Ratio Lower Upper

149 100

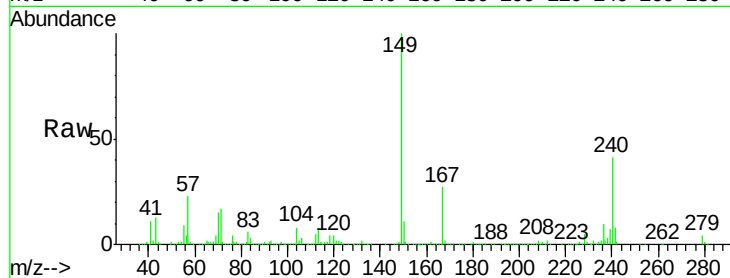
167 26.7 21.3 31.9

279 3.6 3.0 4.4

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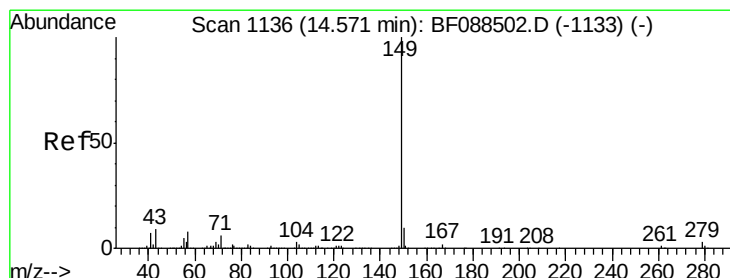
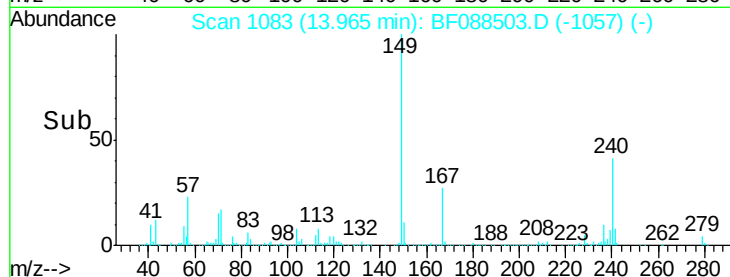
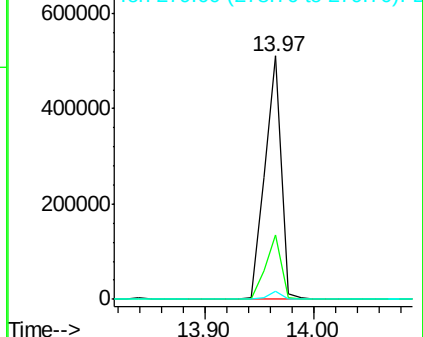
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 65.15 ng

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

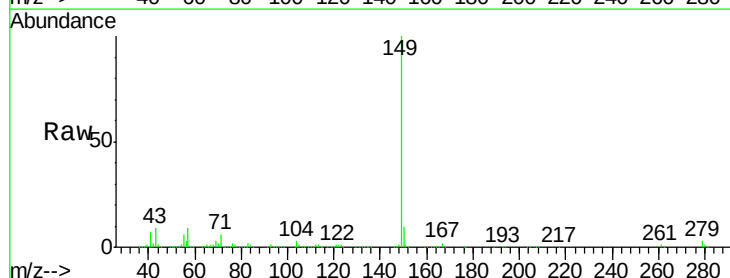
Tgt Ion:149 Resp: 942749

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

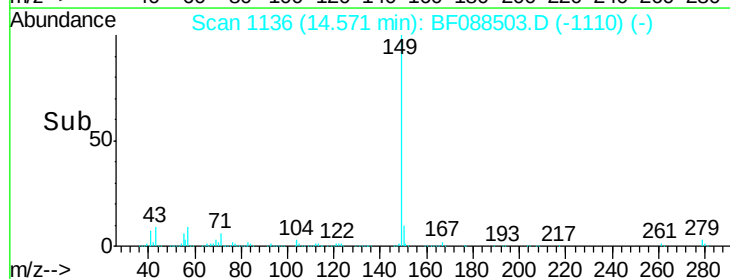
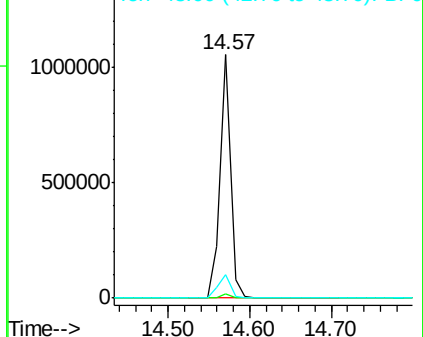
43 10.9 0.0 0.0#

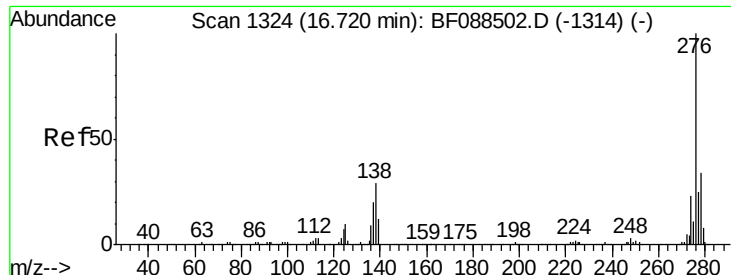


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 80.86 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:276 Resp: 917662

Ion Ratio Lower Upper

276 100

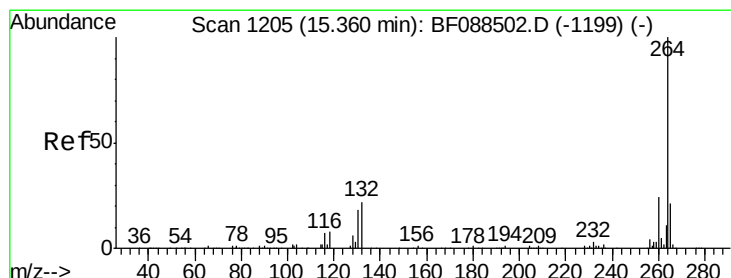
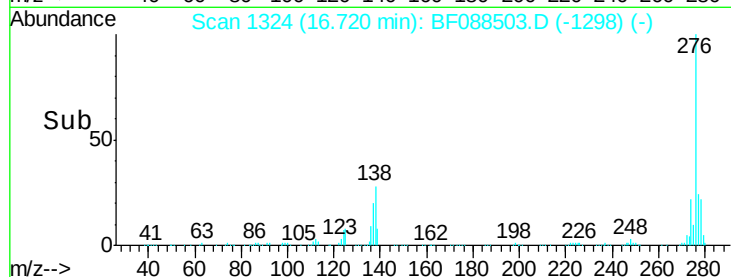
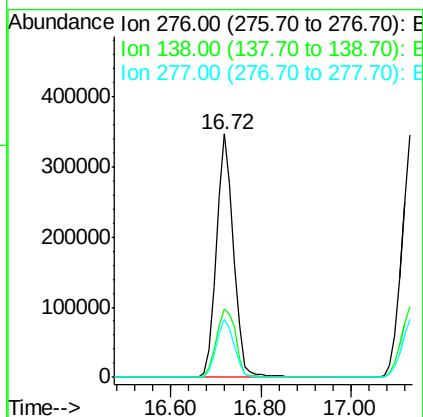
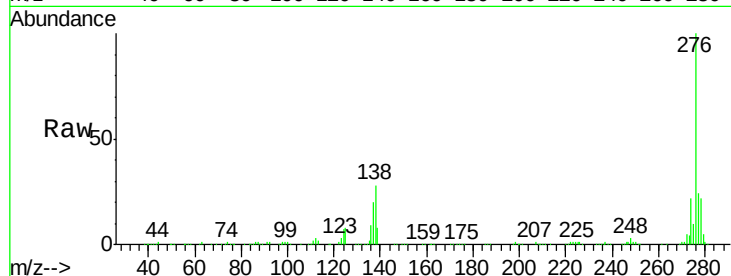
138 32.1 0.0 0.0#

277 25.2 0.0 0.0#

Manual Integrations

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

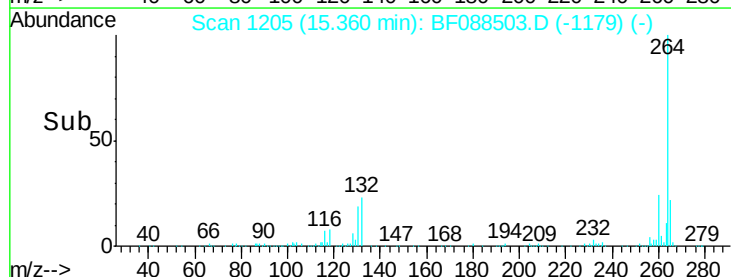
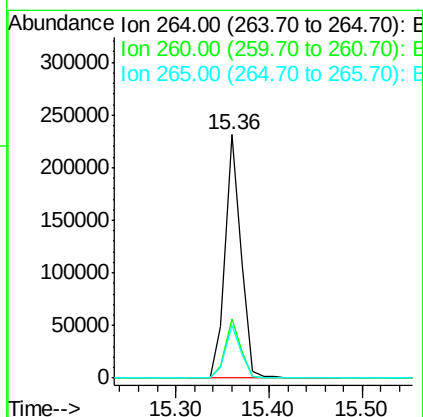
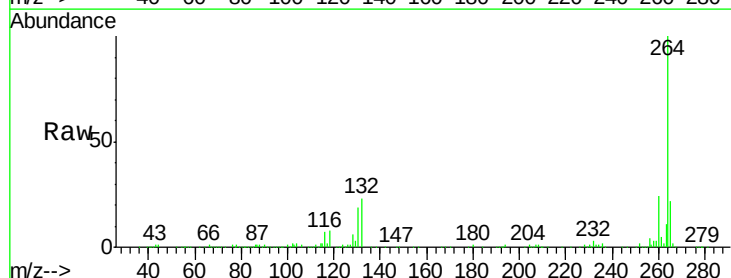
Tgt Ion:264 Resp: 274543

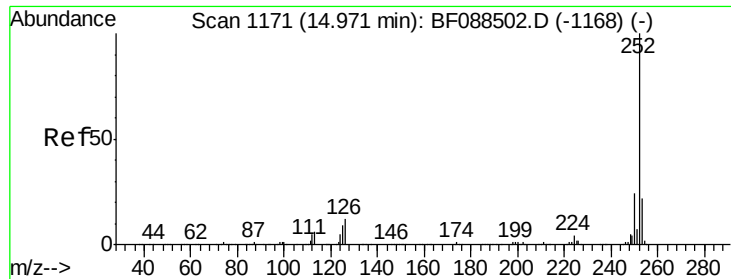
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.8 17.1 25.7





#87

Benzo(b)fluoranthene

Concen: 42.00 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

Instrument :

BNA\_F

ClientSampleId :

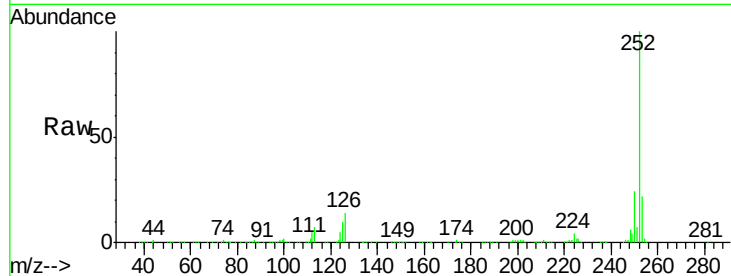
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 786429 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.3  | 25.9   |
| 125       | 10.5  | 7.4   | 11.2   |

Manual Integrations

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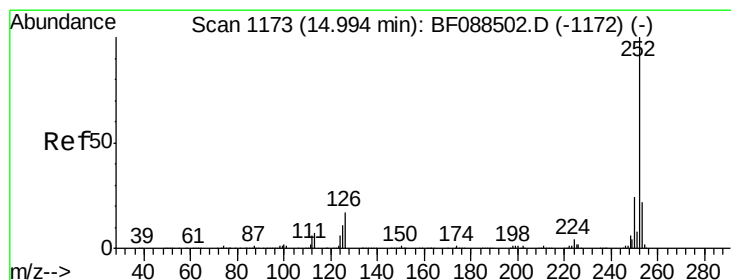
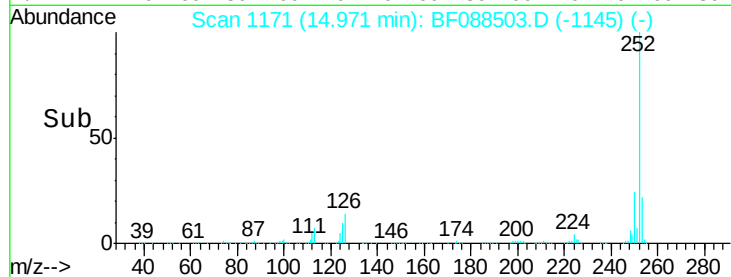
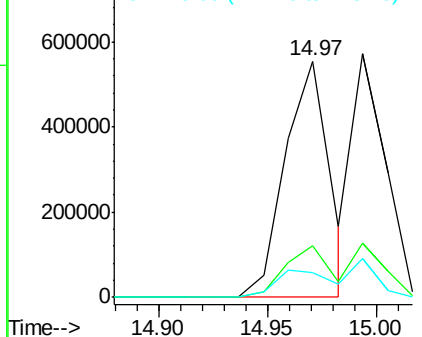


Abundance

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: 41.88 ng m

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF088503.D

Acq: 29 Jun 2016 20:04

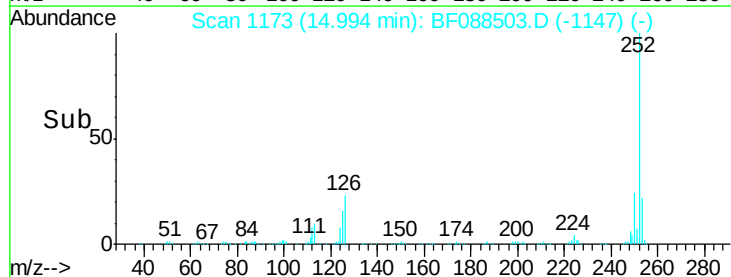
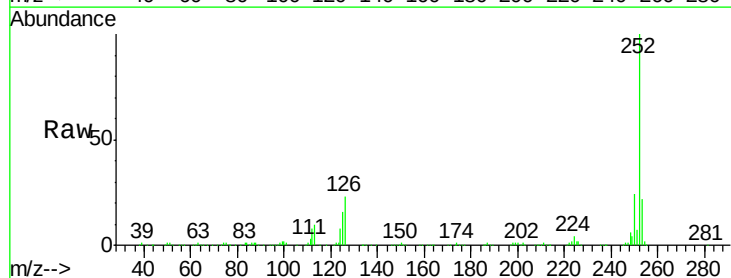
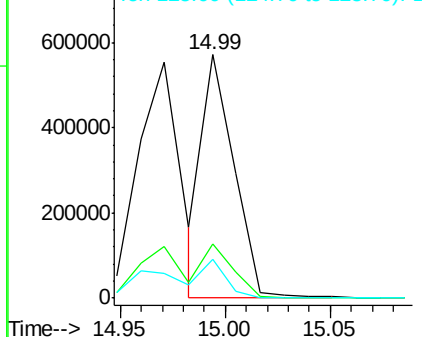
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 610679 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.3  | 17.8  | 26.6   |
| 125       | 15.7  | 11.1  | 16.7   |

Abundance

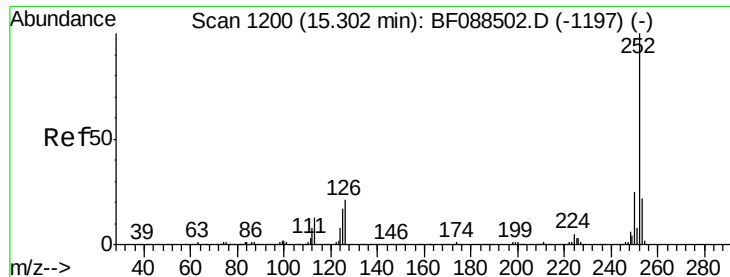
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







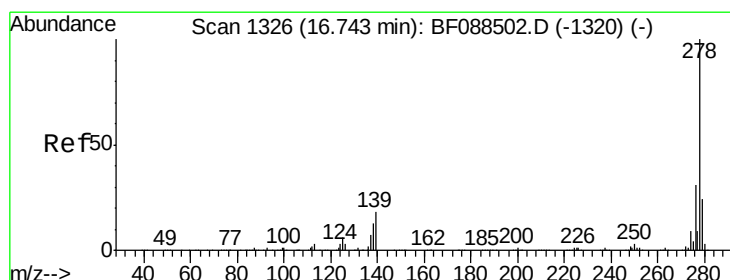
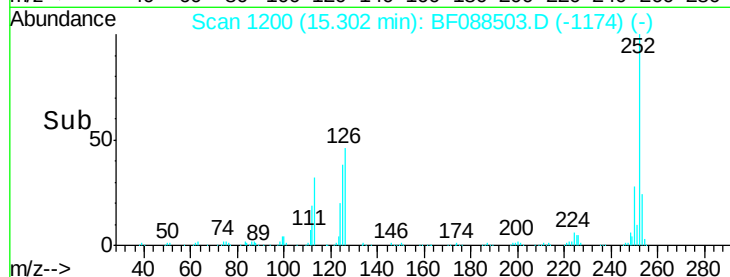
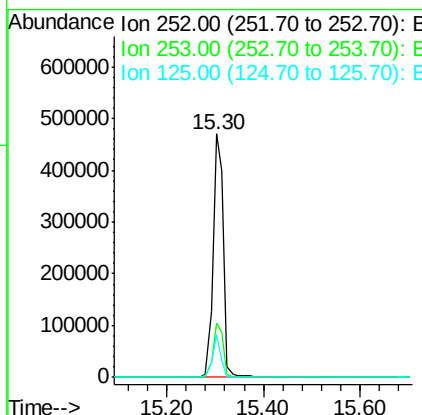
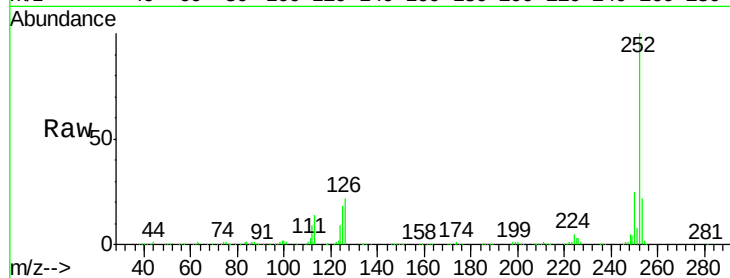
#89  
Benzo(a)pyrene  
Concen: 47.00 ng  
RT: 15.30 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.5  | 26.3  |
| 125     | 17.8  | 13.4  | 20.0  |

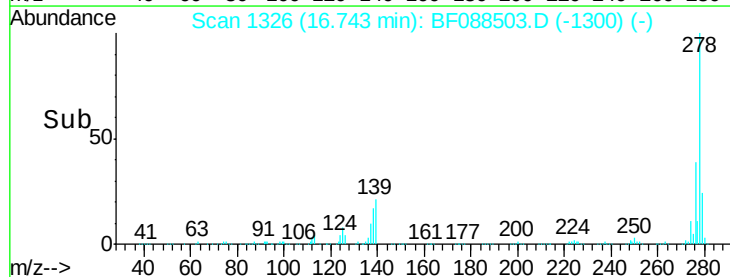
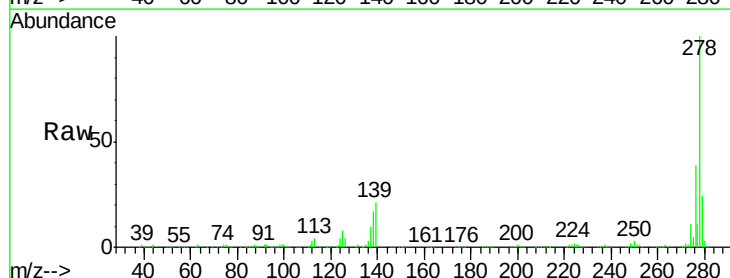
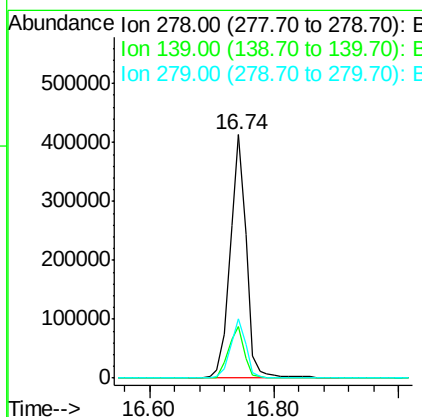
Manual Integrations

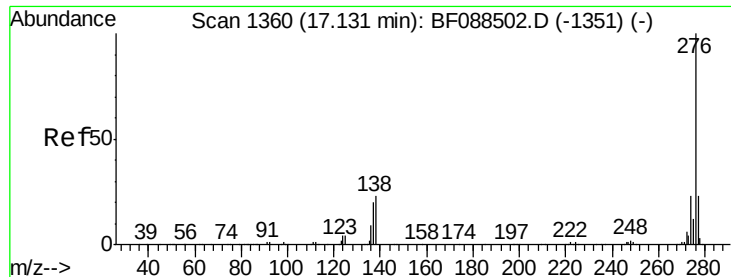
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#90  
Dibenzo(a,h)anthracene  
Concen: 51.51 ng  
RT: 16.74 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF088503.D  
Acq: 29 Jun 2016 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.4  | 14.0  | 21.0# |
| 279     | 24.5  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 52.55 ng  
 RT: 17.13 min Scan# 1360  
 Delta R.T. 0.00 min  
 Lab File: BF088503.D  
 Acq: 29 Jun 2016 20:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.4  | 27.6  |
| 138     | 29.1  | 18.7  | 28.1  |

Manual Integrations

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