

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\  
 Data File : BF088864.D  
 Acq On : 9 Jul 2016 11:40  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

## Manual Integrations

sohil  
 7/11/2016 7:15:27 PM

Quant Time: Jul 11 04:57:41 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 08 18:51:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 93033    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.01  | 136  | 403030   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.76  | 164  | 183402   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.23 | 188  | 346295   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.86 | 240  | 250866   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.23 | 264  | 223499   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 520023 | 83.77 | ng | -0.01 |
| 7) Phenol-d6             | 6.36  | 99  | 608023 | 75.80 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.29  | 82  | 556692 | 72.38 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 165423 | 97.13 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.08  | 172 | 969411 | 83.49 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.82 | 244 | 928231 | 82.41 | ng | 0.00  |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.24 | 88  | 111786 | 36.32 | ng | # 39   |
| 3) Pyridine                    | 2.89 | 79  | 308636 | 34.56 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 2.87 | 42  | 117173 | 34.34 | ng | 89     |
| 6) Aniline                     | 6.39 | 93  | 422910 | 36.18 | ng | # 78   |
| 8) 2-Chlorophenol              | 6.51 | 128 | 280659 | 42.07 | ng | 86     |
| 9) Benzaldehyde                | 6.26 | 77  | 174038 | 32.03 | ng | 86     |
| 10) Phenol                     | 6.38 | 94  | 306428 | 33.47 | ng | # 40   |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93  | 272651 | 39.94 | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 284945 | 38.81 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 306065 | 42.00 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 269357 | 39.49 | ng | 99     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 224754 | 38.07 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 319378 | 32.31 | ng | 86     |
| 17) 2-Methylphenol             | 6.99 | 107 | 224248 | 41.20 | ng | 97     |
| 18) Hexachloroethane           | 7.23 | 117 | 110945 | 39.36 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 185397 | 34.41 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 275001 | 42.10 | ng | # 78   |
| 22) Acetophenone               | 7.14 | 105 | 368183 | 37.64 | ng | # 89   |
| 24) Nitrobenzene               | 7.31 | 77  | 304325 | 39.25 | ng | # 86   |
| 25) Isophorone                 | 7.55 | 82  | 522704 | 36.69 | ng | 95     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 144884 | 45.56 | ng | # 76   |
| 27) 2,4-Dimethylphenol         | 7.68 | 122 | 268960 | 40.61 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 338539 | 36.52 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 225691 | 42.17 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 236576 | 40.28 | ng | 99     |
| 31) Naphthalene                | 8.03 | 128 | 827195 | 41.63 | ng | 99     |
| 32) Benzoic acid               | 7.83 | 122 | 182490 | 37.95 | ng | 92     |
| 33) 4-Chloroaniline            | 8.08 | 127 | 336696 | 38.09 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 139723 | 44.43 | ng | 98     |
| 35) Caprolactam                | 8.47 | 113 | 66707  | 36.70 | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 238616 | 37.70 | ng | 89     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 461085 | 36.04 | ng | # 94   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 267218 | 43.81 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 8.88 | 237 | 111789 | 37.34 | ng | 100    |

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 Misc :  
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Instrument :  
 BNA\_F  
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 SSTDCCC040

## Manual Integrations

sohil  
 7/11/2016 7:15:27 PM

Quant Time: Jul 11 04:57:41 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 08 18:51:20 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.00  | 196  | 159223   | 39.59 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.04  | 196  | 134525   | 38.88 | nq #  | 85       |
| 45) 1,1'-Biphenyl              | 9.19  | 154  | 622629   | 41.00 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.21  | 162  | 503650   | 42.24 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.30  | 65   | 144584   | 34.17 | nq    | 98       |
| 48) Acenaphthylene             | 9.62  | 152  | 772660   | 40.73 | nq    | 99       |
| 49) Dimethylphthalate          | 9.50  | 163  | 540245   | 41.35 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.55  | 165  | 129904   | 44.86 | nq #  | 68       |
| 51) Acenaphthene               | 9.79  | 154  | 470530   | 40.46 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 155145   | 42.14 | nq #  | 71       |
| 53) 2,4-Dinitrophenol          | 9.83  | 184  | 60646    | 47.43 | nq #  | 69       |
| 54) Dibenzofuran               | 9.96  | 168  | 614875   | 40.40 | nq #  | 88       |
| 55) 4-Nitrophenol              | 9.88  | 139  | 120924   | 43.23 | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 9.95  | 165  | 166877   | 44.07 | nq #  | 58       |
| 57) Fluorene                   | 10.31 | 166  | 544900   | 46.46 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.08 | 232  | 105831   | 39.53 | nq #  | 48       |
| 59) Diethylphthalate           | 10.19 | 149  | 580133   | 44.24 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 213536   | 39.18 | nq #  | 86       |
| 61) 4-Nitroaniline             | 10.33 | 138  | 142428   | 40.21 | nq    | 85       |
| 62) Azobenzene                 | 10.46 | 77   | 537587   | 35.94 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 95069    | 51.33 | nq #  | 56       |
| 65) n-Nitrosodiphenylamine     | 10.42 | 169  | 474961   | 40.53 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.79 | 248  | 148764   | 42.63 | nq #  | 86       |
| 67) Hexachlorobenzene          | 10.86 | 284  | 170023   | 44.01 | nq #  | 72       |
| 68) Atrazine                   | 10.95 | 200  | 125986   | 34.50 | nq    | 91       |
| 69) Pentachlorophenol          | 11.04 | 266  | 89149    | 38.99 | nq    | 97       |
| 70) Phenanthrene               | 11.26 | 178  | 679473   | 35.89 | nq    | 100      |
| 71) Anthracene                 | 11.31 | 178  | 812291   | 43.16 | nq    | 99       |
| 72) Carbazole                  | 11.46 | 167  | 666677   | 37.63 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.80 | 149  | 793934   | 38.53 | nq    | 99       |
| 74) Fluoranthene               | 12.44 | 202  | 842884   | 43.92 | nq    | 94       |
| 76) Benzidine                  | 12.57 | 184  | 524138   | 41.34 | nq    | 97       |
| 77) Pyrene                     | 12.67 | 202  | 835095   | 39.26 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.29 | 149  | 341997   | 36.05 | nq #  | 71       |
| 80) Benzo(a)anthracene         | 13.85 | 228  | 649612   | 40.21 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 211754   | 34.87 | nq #  | 94       |
| 82) Chrysene                   | 13.89 | 228  | 506421   | 31.69 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 473199   | 43.68 | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 14.47 | 149  | 778517   | 42.31 | nq #  | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.54 | 276  | 481866   | 39.19 | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 14.86 | 252  | 577548m  | 41.19 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.88 | 252  | 432588m  | 35.44 | nq    |          |
| 89) Benzo(a)pyrene             | 15.18 | 252  | 464794   | 39.16 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.55 | 278  | 415157   | 41.88 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.93 | 276  | 411679   | 40.13 | nq    | 95       |

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

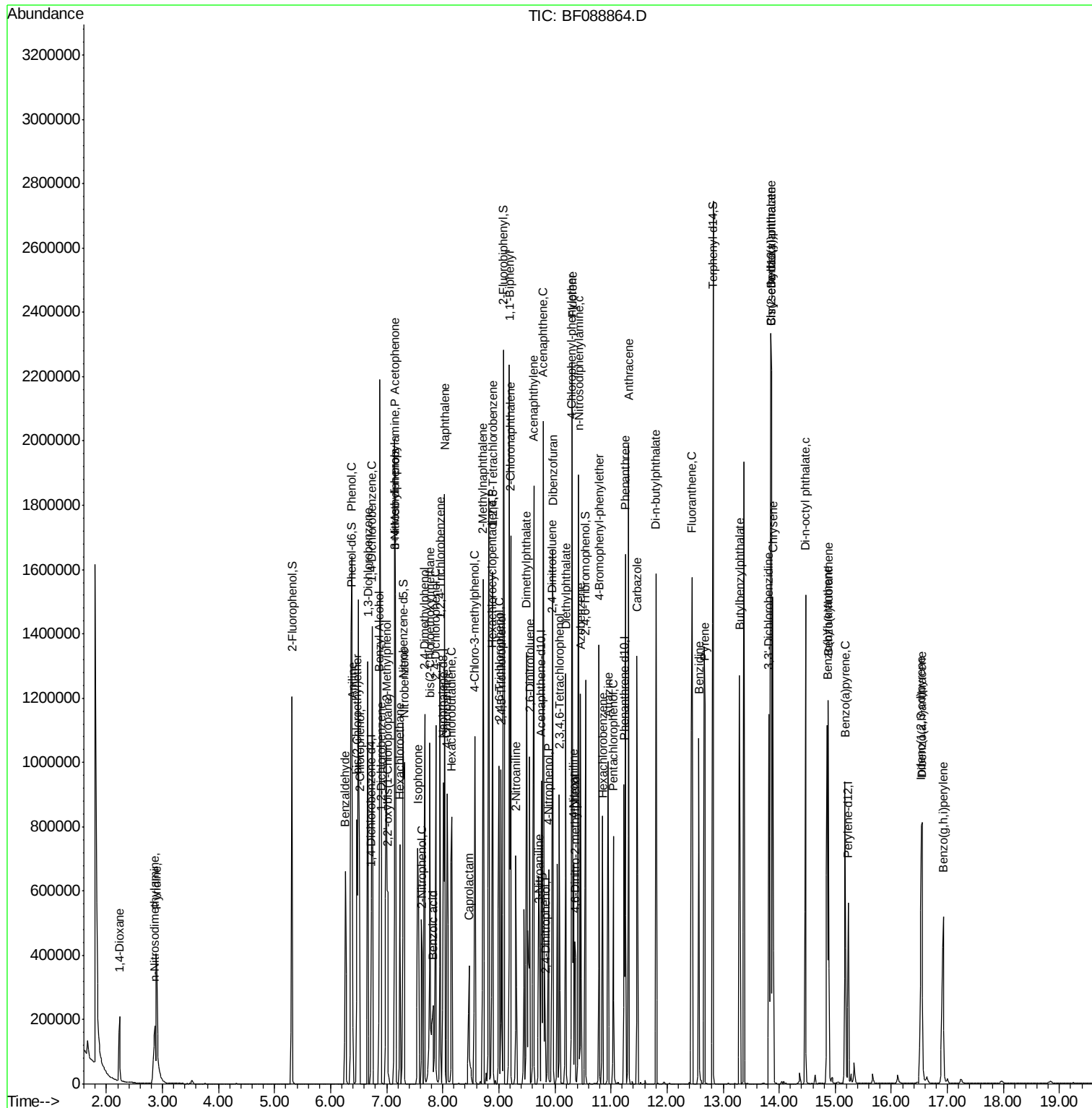
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Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\  
Data File : BF088864.D  
Acq On    : 9 Jul 2016 11:40  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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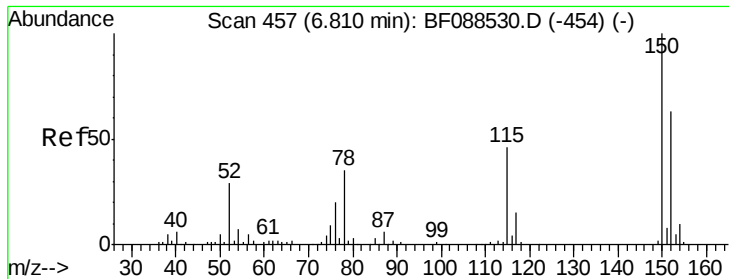
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations

sohil  
7/11/2016 7:15:27 PM

Quant Time: Jul 11 04:57:41 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 08 18:51:20 2016  
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#1

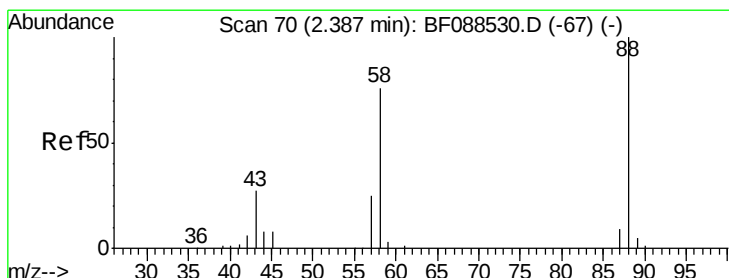
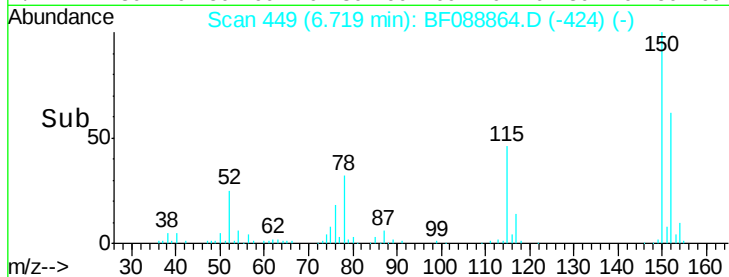
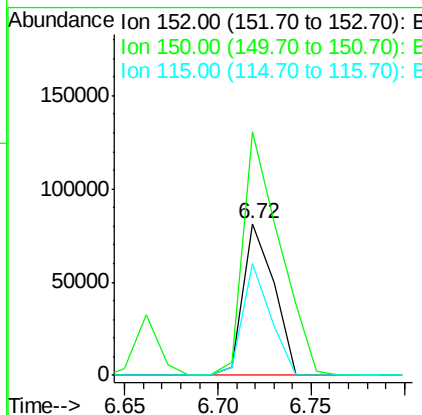
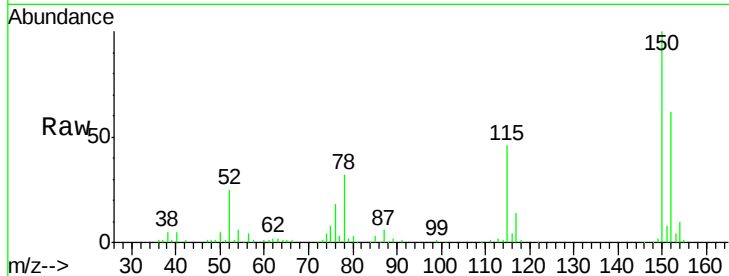
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.72 min Scan# 449  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.4 | 123.8 | 185.6 |
| 115     | 73.3  | 39.6  | 59.4  |

Manual Integrations

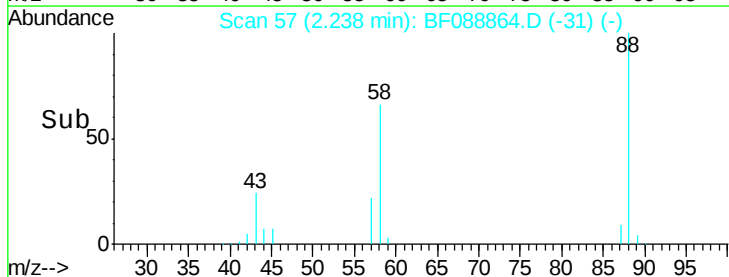
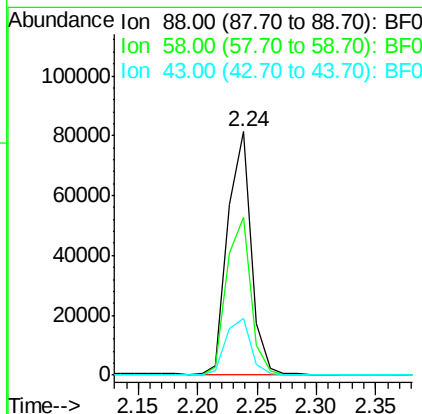
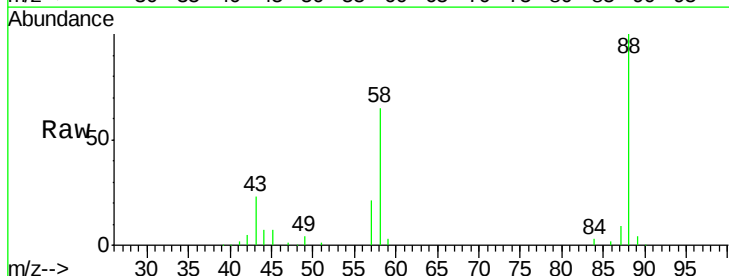
sohil  
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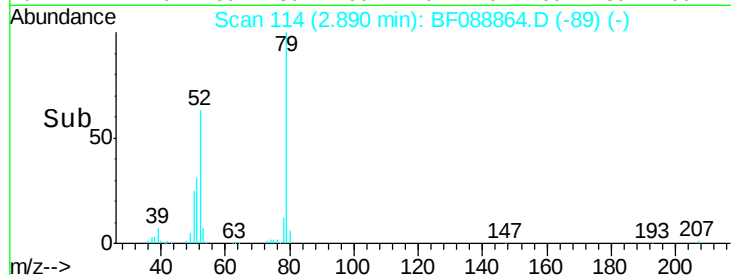
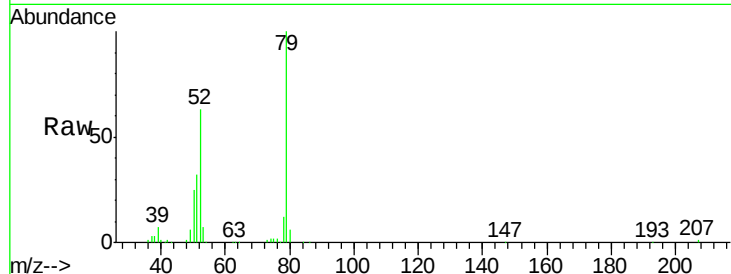


#2

1,4-Dioxane  
Concen: 36.32 ng  
RT: 2.24 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.9  | 0.0   | 0.0   |
| 43      | 24.3  | 3.4   | 5.2   |





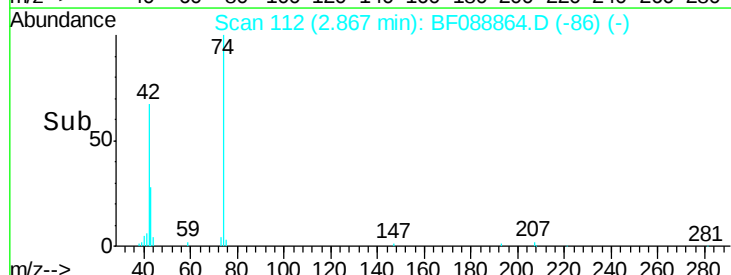
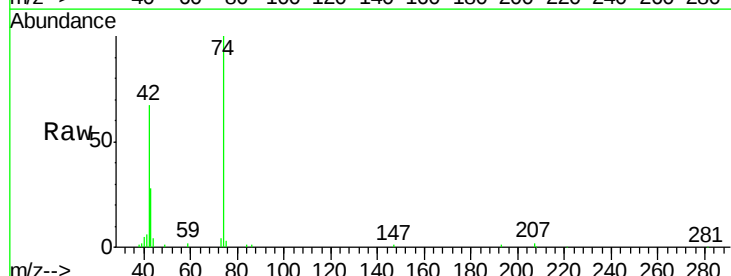
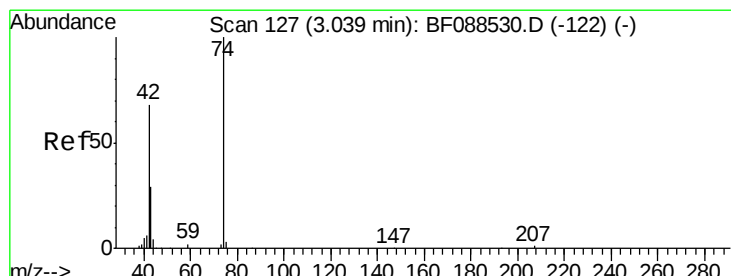
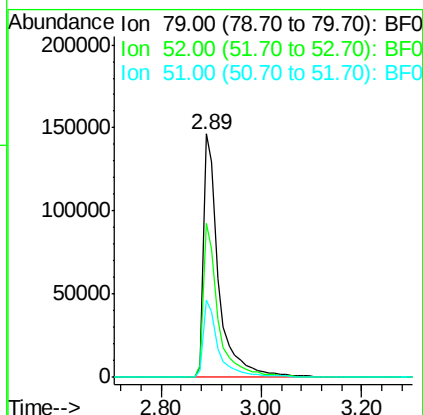
#3  
 Pvridine  
 Concen: 34.56 ng  
 RT: 2.89 min Scan# 114  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 308636 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 63.3  | 56.3  | 84.5   |
| 51        | 31.6  | 27.4  | 41.2   |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

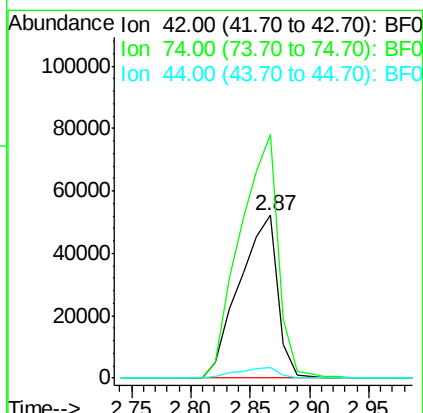
Manual Integrations

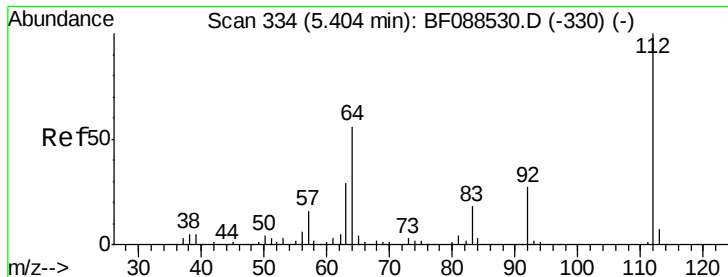
sohil  
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#4  
 n-Nitrosodimethylamine  
 Concen: 34.34 ng  
 RT: 2.87 min Scan# 112  
 Delta R.T. -0.00 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 117173 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 149.4 | 108.6 | 163.0  |
| 44        | 6.6   | 5.5   | 8.3    |





#5

2-Fluorophenol

Concen: 83.77 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampled :

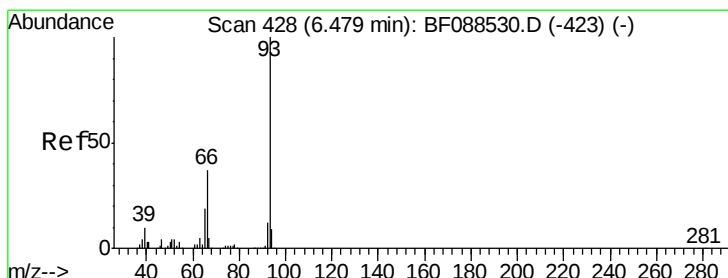
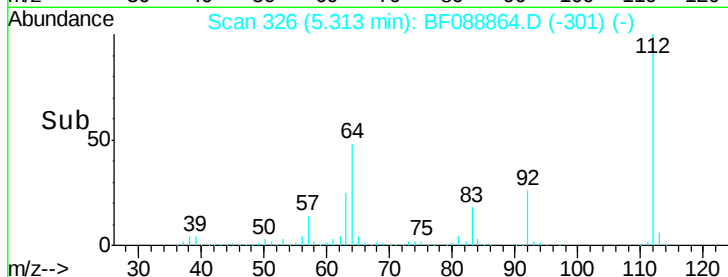
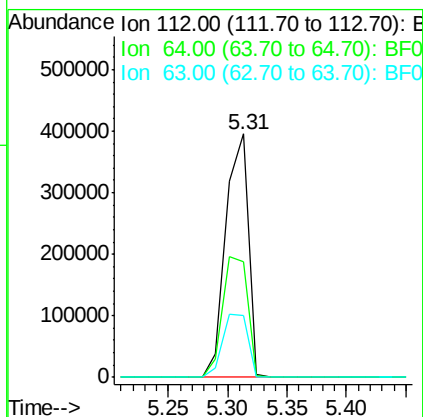
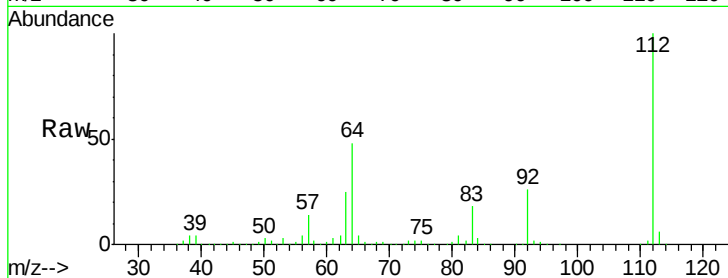
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 520023 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 47.7  | 42.2  | 63.2   |
| 63        | 25.3  | 21.8  | 32.8   |

Manual Integrations

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#6

Aniline

Concen: 36.18 ng

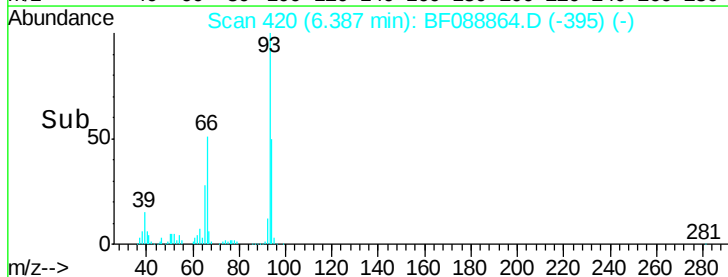
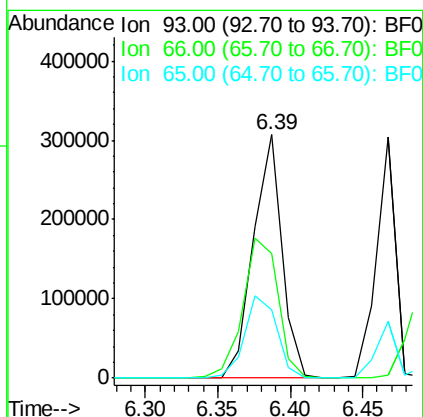
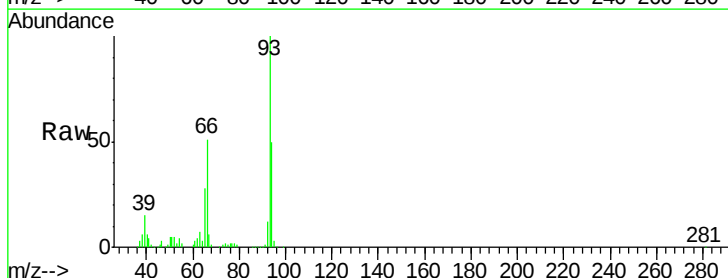
RT: 6.39 min Scan# 420

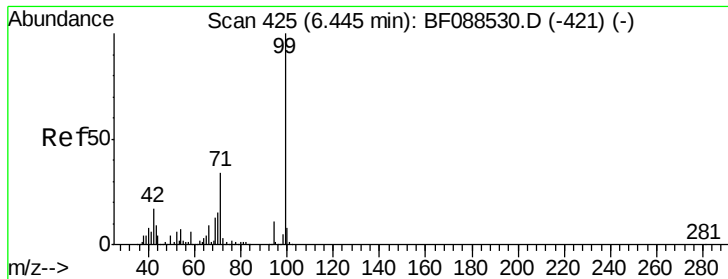
Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 422910 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 51.0  | 29.8  | 44.8#  |
| 65        | 28.1  | 14.9  | 22.3#  |





#7

Phenol-d6

Concen: 75.80 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 608023

Ion Ratio Lower Upper

99 100

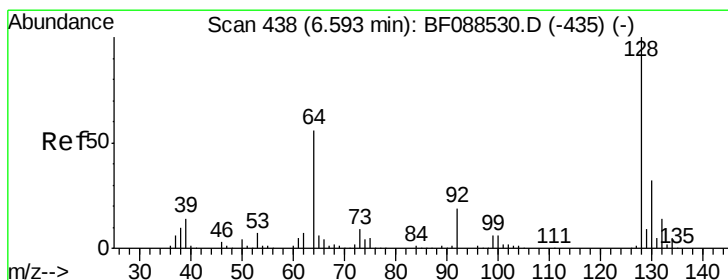
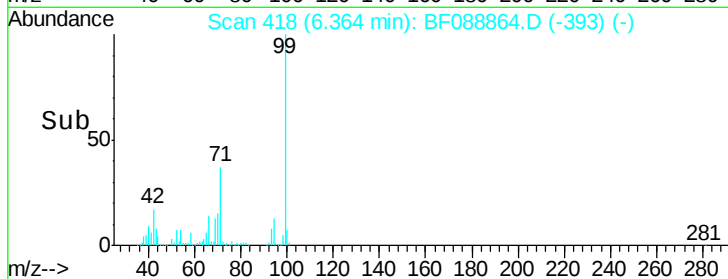
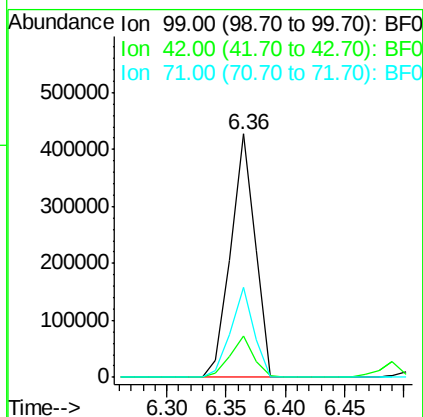
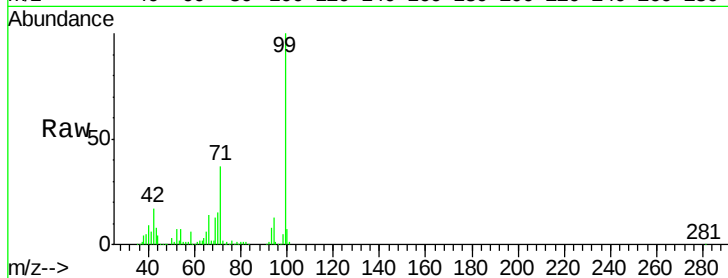
42 17.1 12.2 18.2

71 36.9 23.4 35.0#

Manual Integrations

sohil

7/11/2016 7:15:27 PM



#8

2-Chlorophenol

Concen: 42.07 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

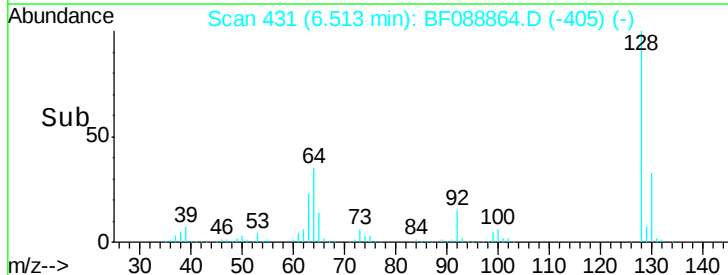
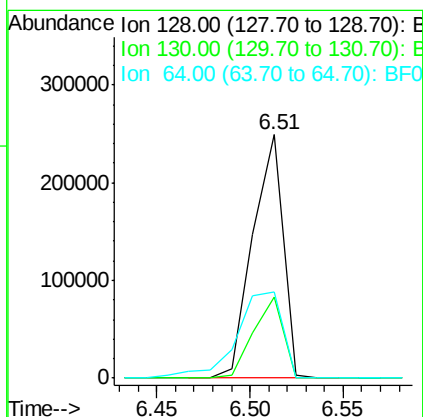
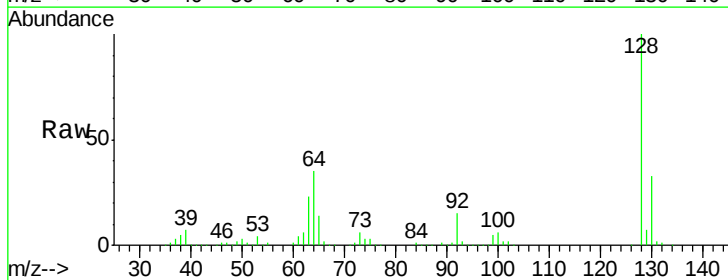
Tgt Ion:128 Resp: 280659

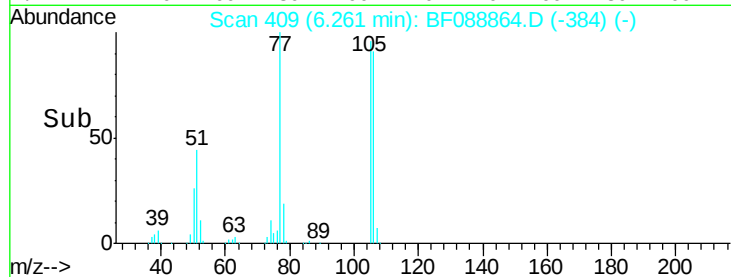
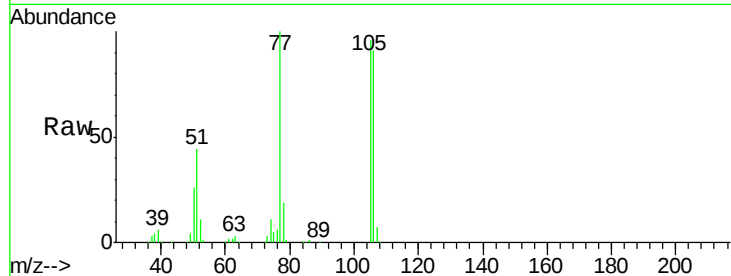
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 35.4 30.8 70.8





#9

Benzaldehyde

Concen: 32.03 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 174038 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 96.3  | 90.6  | 130.6  |
| 106      | 91.1  | 85.3  | 125.3  |

Instrument :

BNA\_F

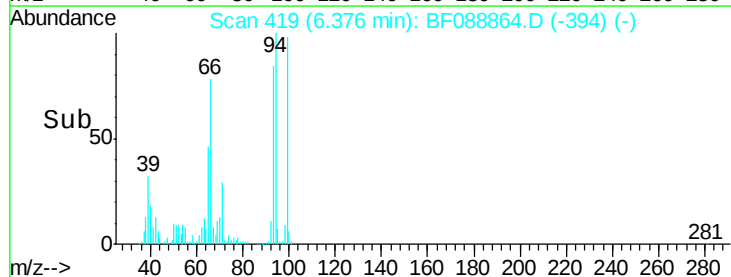
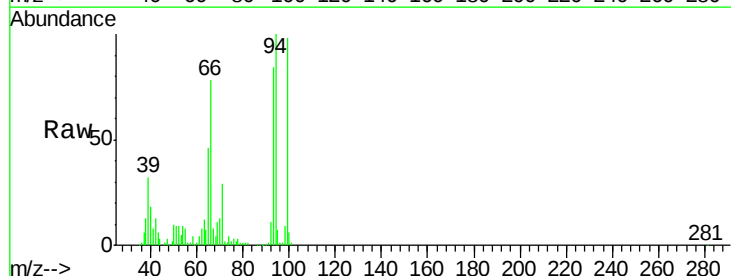
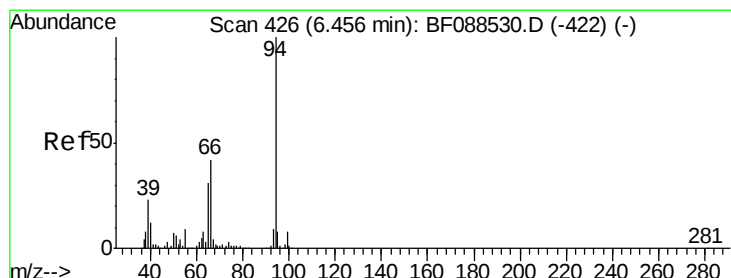
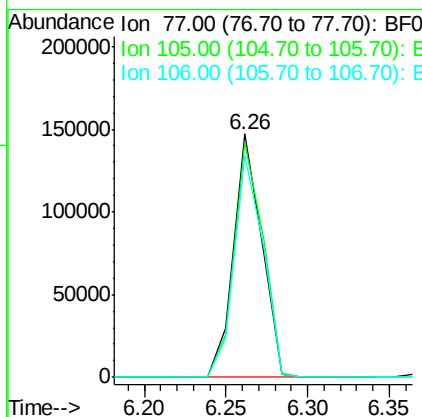
ClientSampleId :

SSTDCCC040

Manual Integrations

sohil

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#10

Phenol

Concen: 33.47 ng

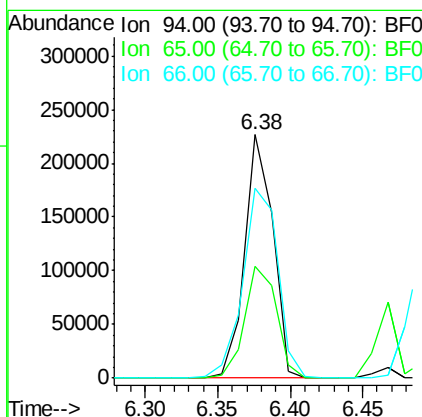
RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 306428 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 45.9  | 5.9   | 45.9   |
| 66       | 77.8  | 14.0  | 54.0   |





#11

bis(2-Chloroethyl)ether

Concen: 39.94 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

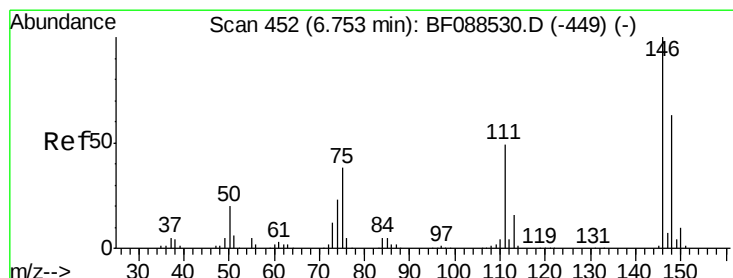
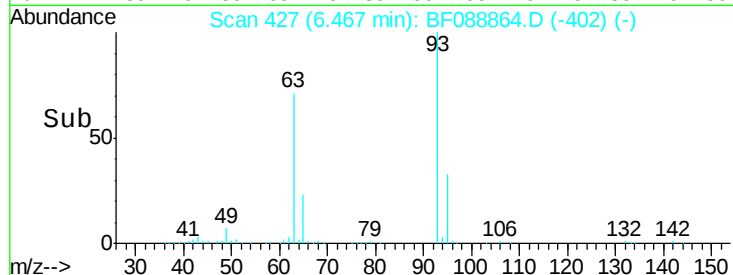
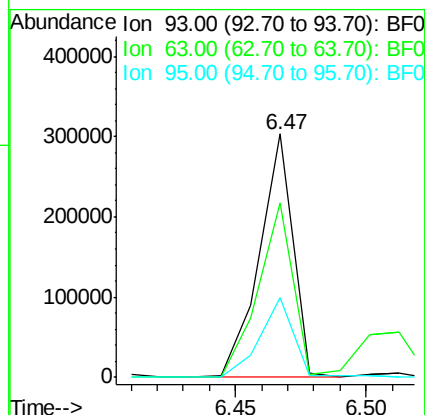
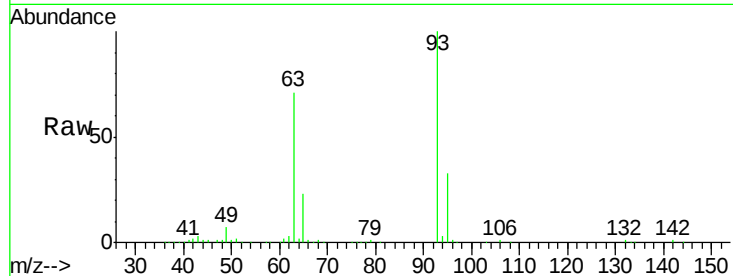
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 272651 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 71.5  | 67.6  | 107.6  |
| 95       | 32.6  | 12.5  | 52.5   |

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 38.81 ng

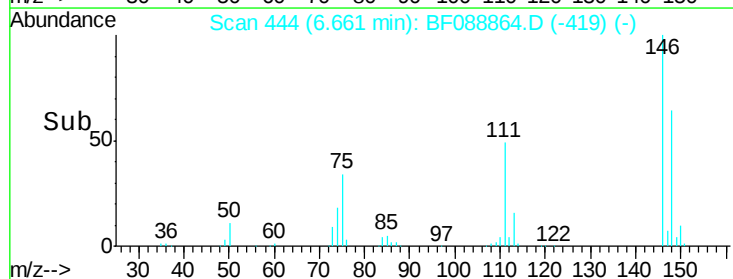
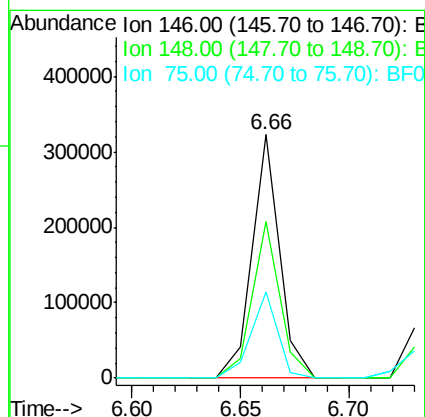
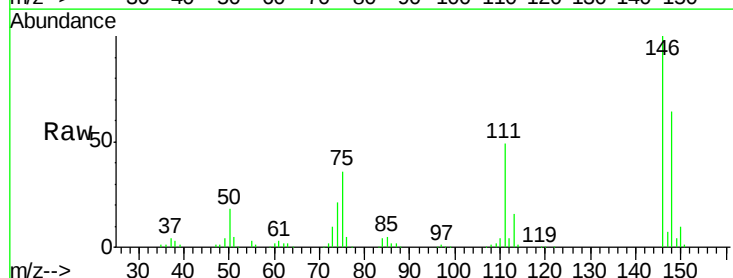
RT: 6.66 min Scan# 444

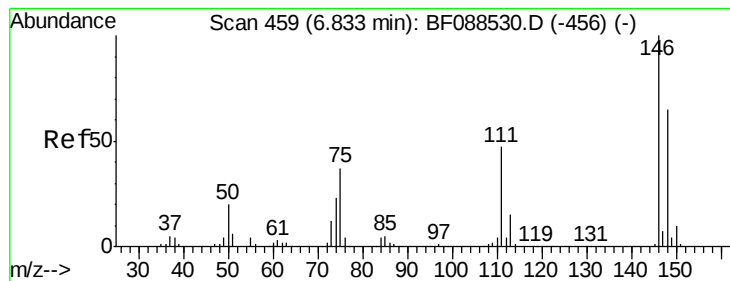
Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 284945 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.2  | 50.9  | 76.3   |
| 75       | 35.5  | 25.6  | 38.4   |





#13

1,4-Dichlorobenzene

Concen: 42.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

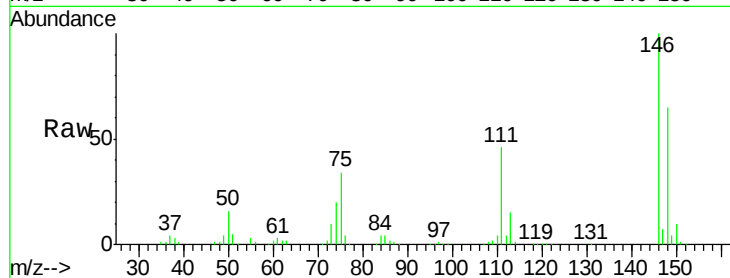
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 306065 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 52.0  | 78.0   |
| 111       | 45.6  | 33.8  | 50.8   |

Manual Integrations

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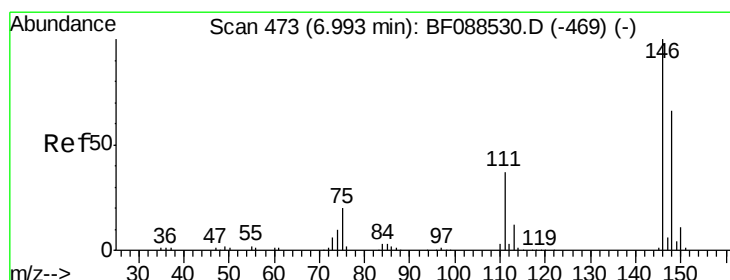
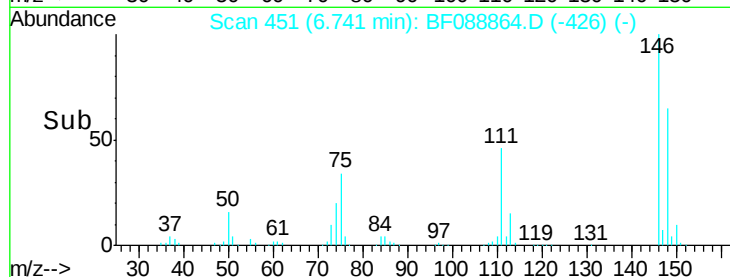
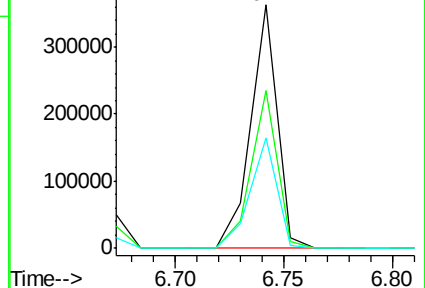
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.49 ng

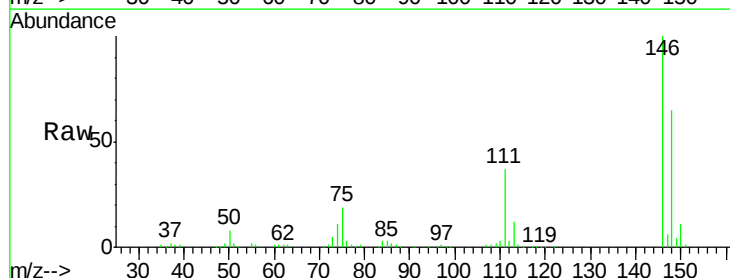
RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

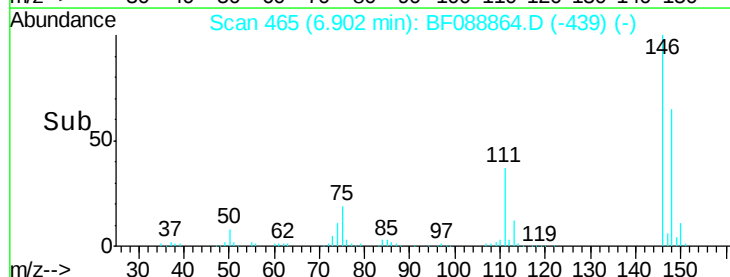
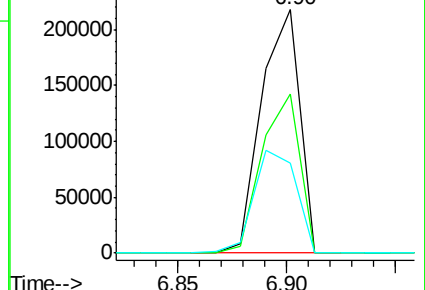
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 269357 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 52.3  | 78.5   |
| 111       | 37.2  | 28.7  | 43.1   |

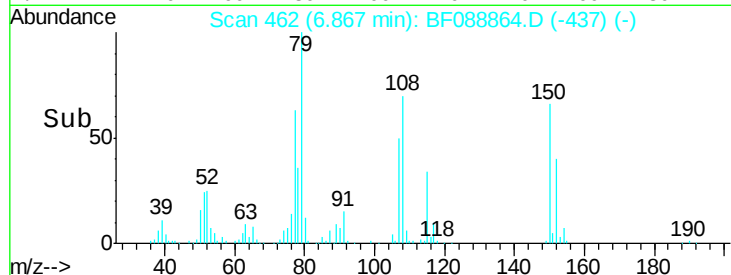
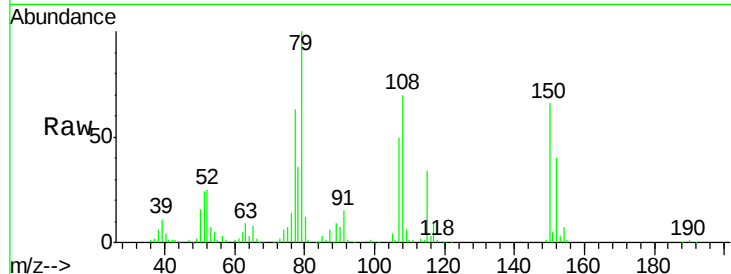
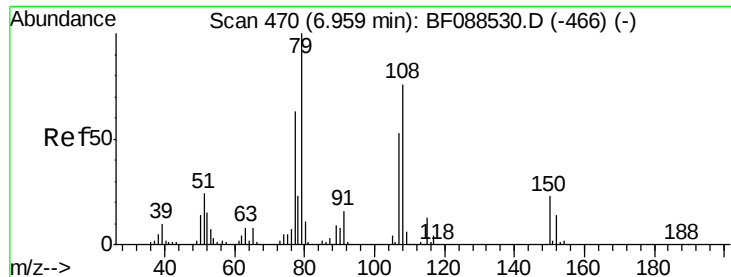


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 224754 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 69.7  | 65.0  | 97.6   |
| 77        | 62.9  | 50.3  | 75.5   |

Instrument :

BNA\_F

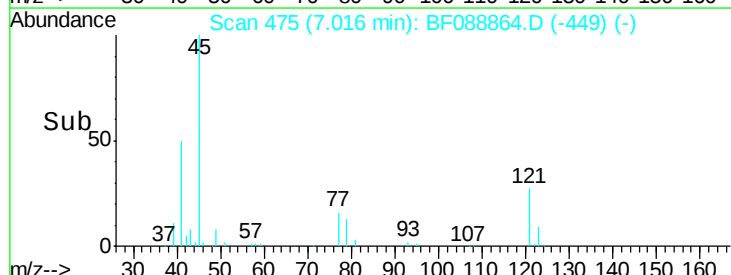
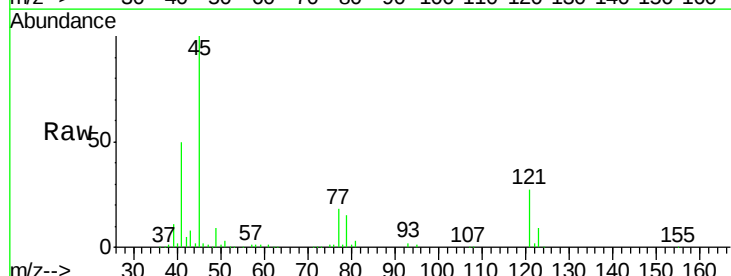
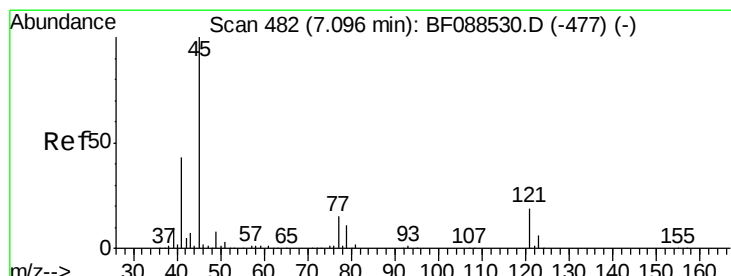
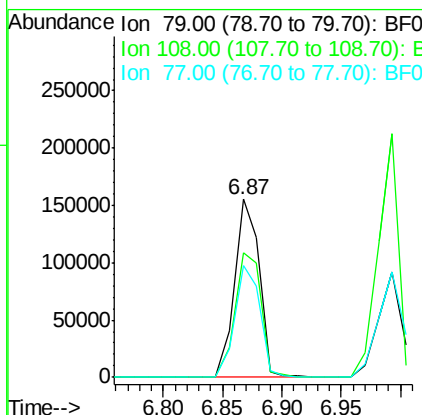
ClientSampled :

SSTDCCC040

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.31 ng

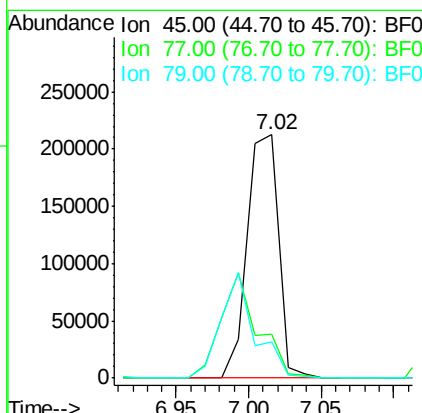
RT: 7.02 min Scan# 475

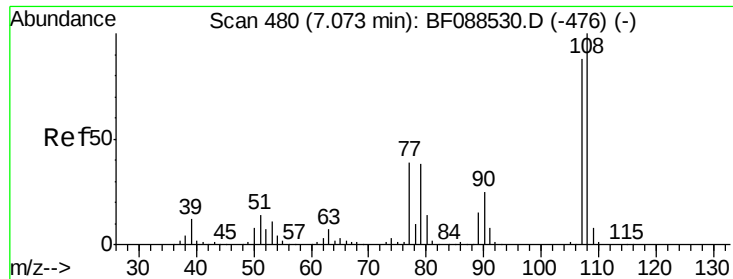
Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 319378 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 18.1  | 0.0   | 32.5   |
| 79        | 14.6  | 0.0   | 29.5   |





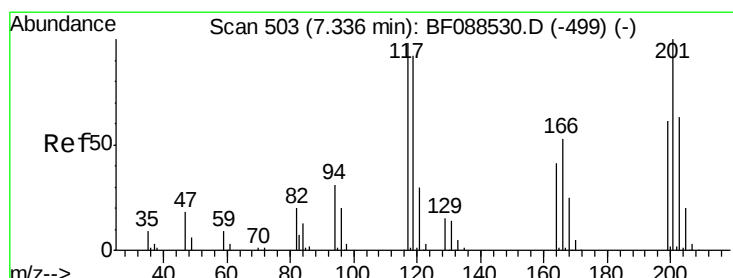
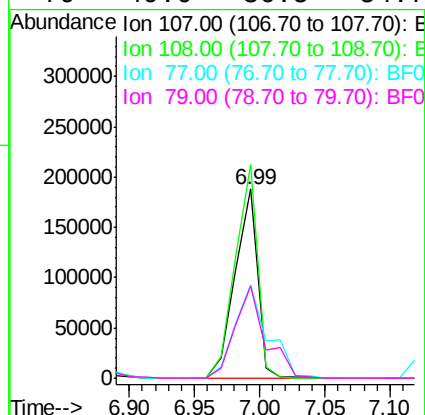
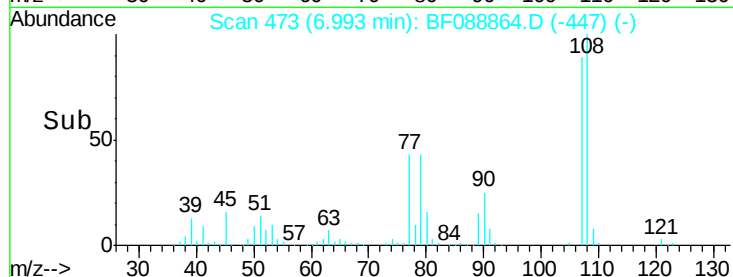
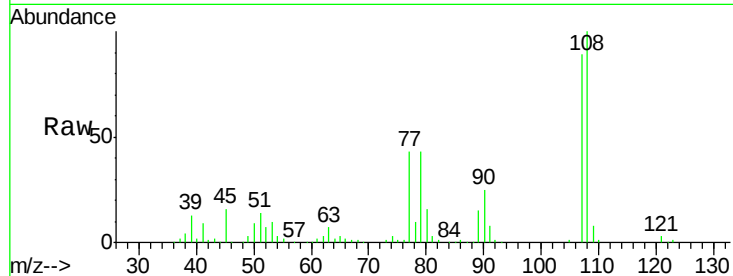
#17  
2-Methylphenol  
Concen: 41.20 ng  
RT: 6.99 min Scan# 473  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | 107   | Resp  | 224248 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 107     | 100   |       |        |
| 108     | 112.8 | 90.9  | 136.3  |
| 77      | 49.0  | 36.6  | 55.0   |
| 79      | 49.0  | 36.5  | 54.7   |

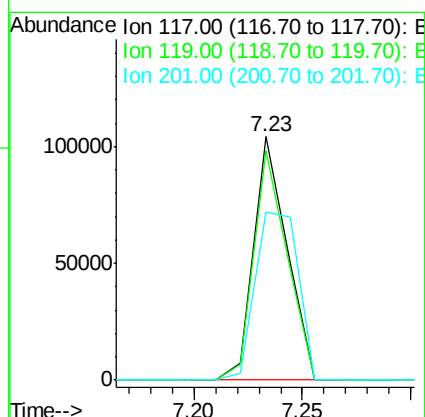
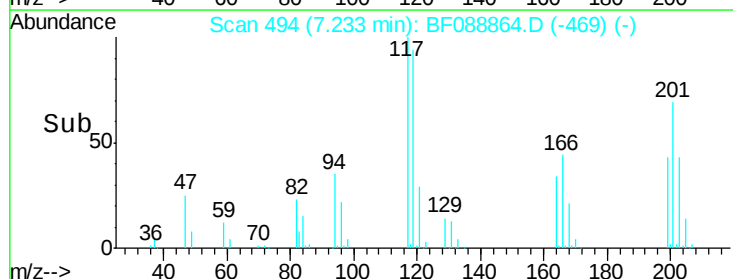
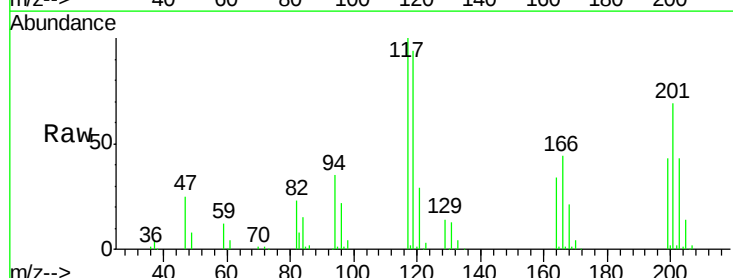
Manual Integrations

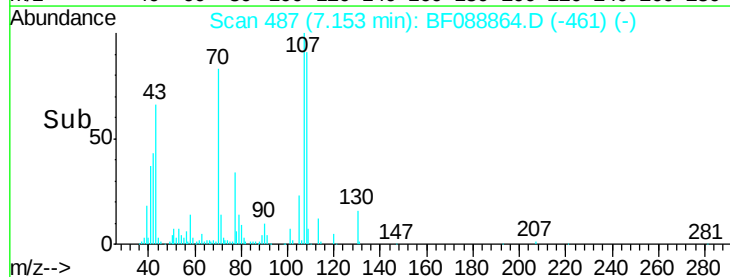
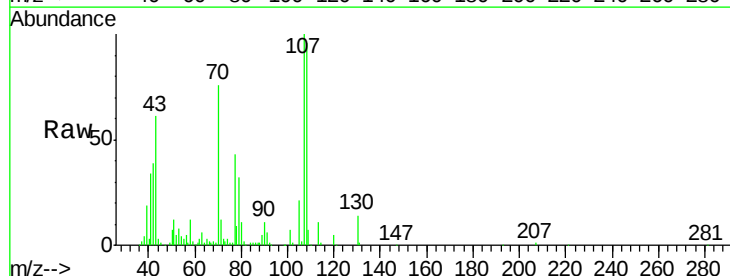
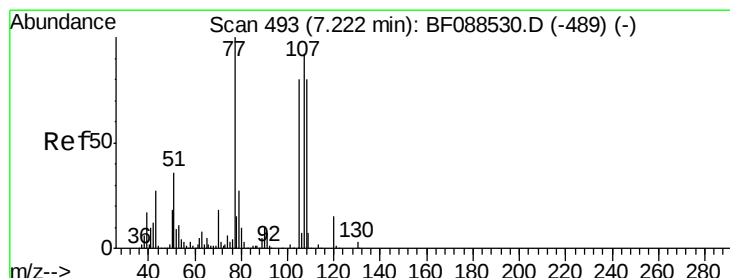
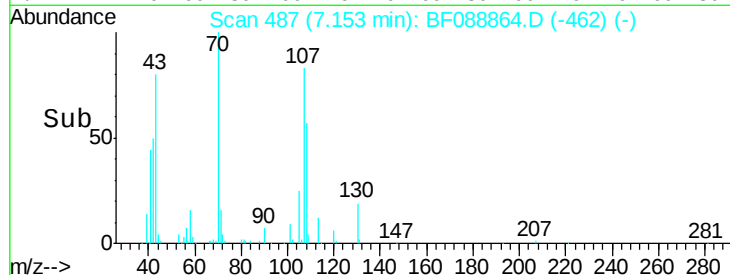
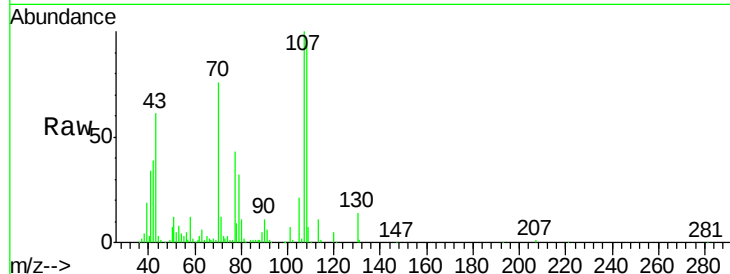
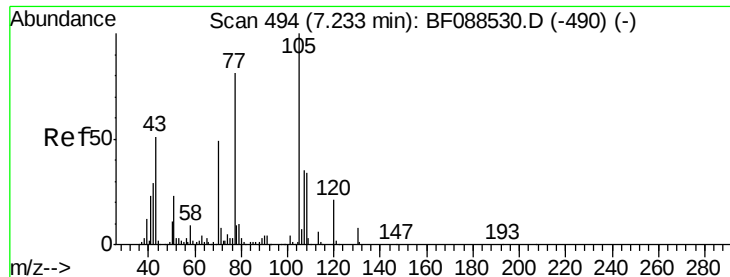
sohil  
7/11/2016 7:15:27 PM



#18  
Hexachloroethane  
Concen: 39.36 ng  
RT: 7.23 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

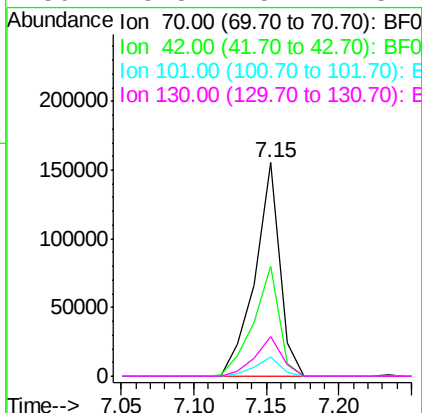
| Tgt Ion | 117   | Resp  | 110945 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 94.2  | 77.4  | 116.2  |
| 201     | 69.2  | 80.4  | 120.6# |





#19  
n-Nitroso-di-n-propylamine  
Concen: 34.41 ng  
RT: 7.15 min Scan# 487  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 51.6 | 49.6  | 74.4  |       |
| 101     | 8.9  | 7.1   | 10.7  |       |
| 130     | 18.8 | 15.4  | 23.2  |       |



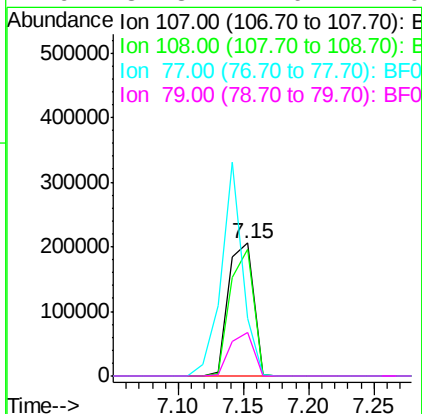
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

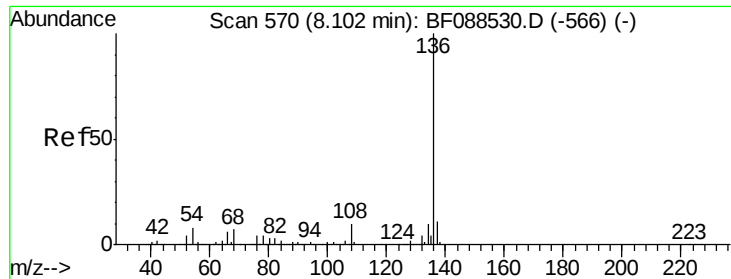
Manual Integrations

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#20  
3+4-Methylphenols  
Concen: 42.10 ng  
RT: 7.15 min Scan# 487  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 95.7 | 67.8  | 107.8 |       |
| 77      | 43.2 | 59.3  | 99.3# |       |
| 79      | 32.3 | 7.0   | 47.0  |       |





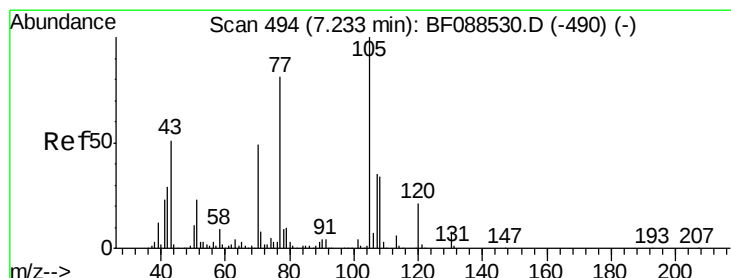
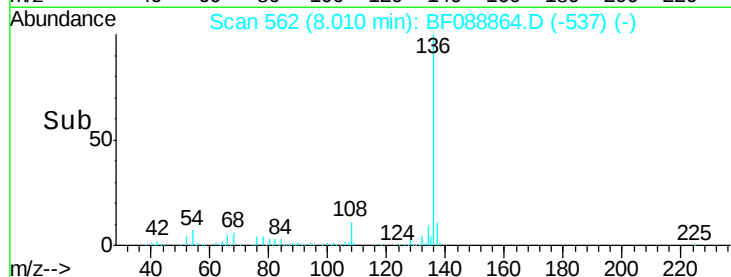
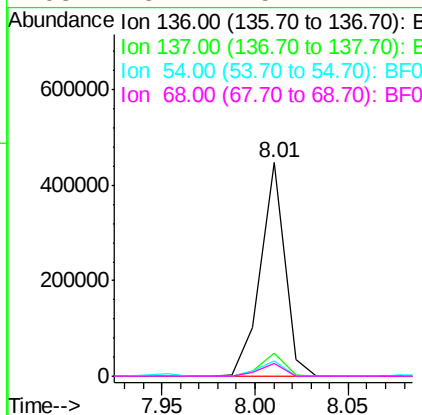
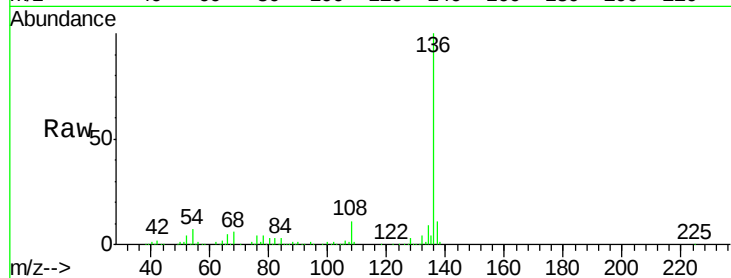
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.01 min Scan# 562  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 403030 |       |       |
| 137     | 10.9 |       | 9.1    | 13.7  |       |
| 54      | 6.9  |       | 6.6    | 10.0  |       |
| 68      | 5.7  |       | 5.1    | 7.7   |       |

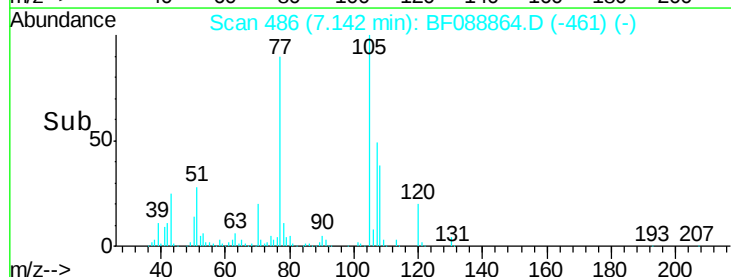
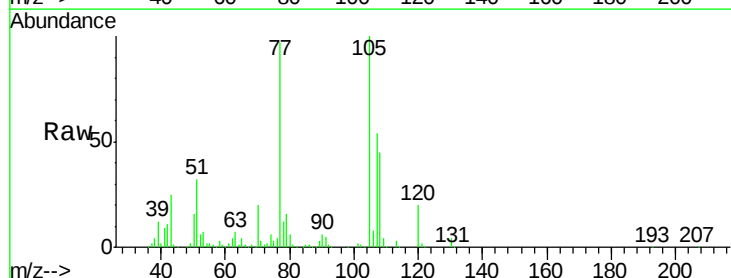
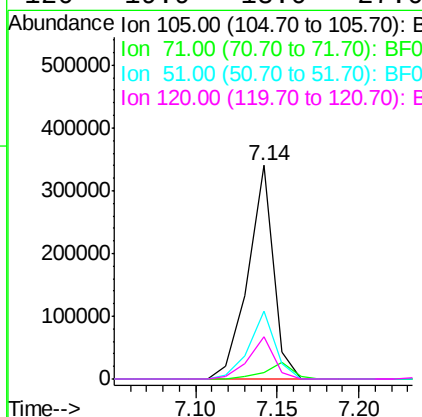
Manual Integrations

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7/11/2016 7:15:27 PM



#22  
Acetophenone  
Concen: 37.64 ng  
RT: 7.14 min Scan# 486  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 368183 |       |       |
| 71      | 3.3  |       | 5.3    | 7.9#  |       |
| 51      | 31.5 |       | 18.2   | 27.4# |       |
| 120     | 19.9 |       | 18.0   | 27.0  |       |





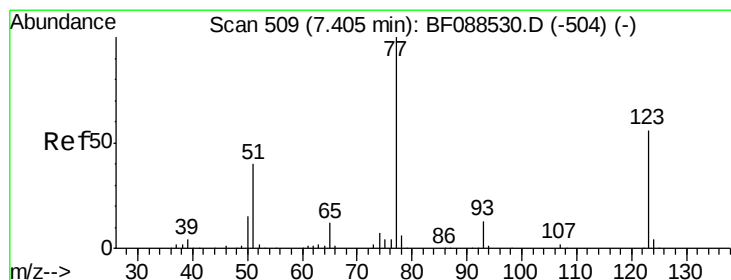
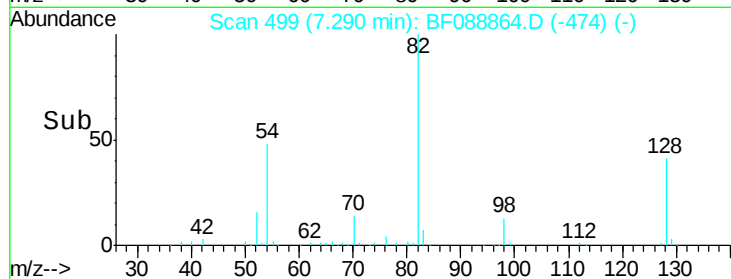
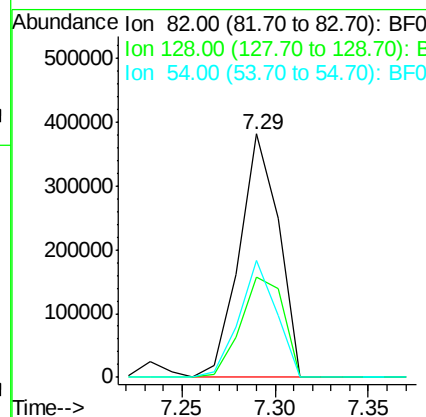
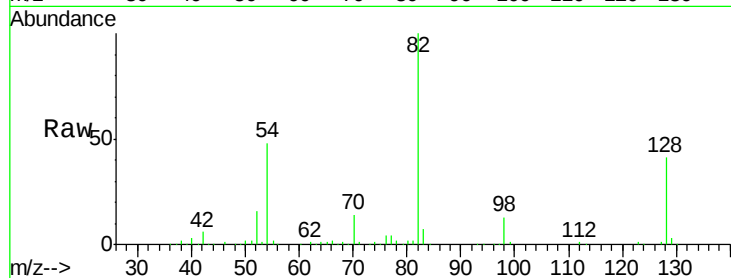
#23  
 Nitrobenzene-d5  
 Concen: 72.38 ng  
 RT: 7.29 min Scan# 499  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.4  | 35.9  | 53.9  |
| 54      | 47.8  | 40.9  | 61.3  |

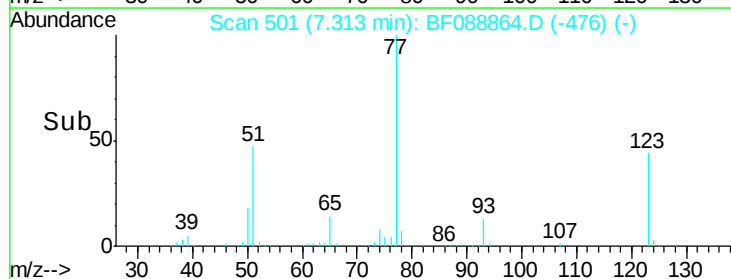
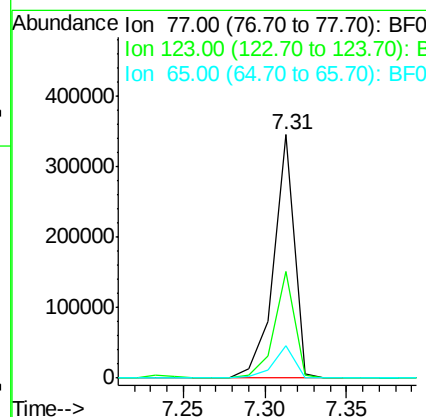
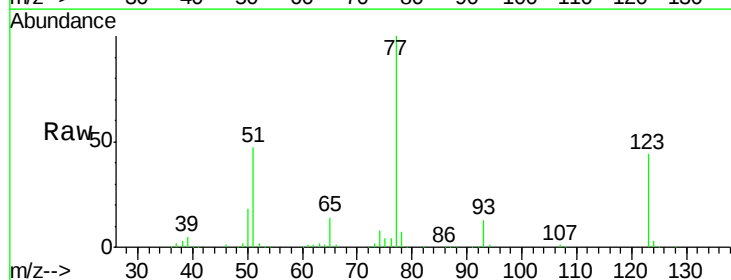
Manual Integrations

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#24  
 Nitrobenzene  
 Concen: 39.25 ng  
 RT: 7.31 min Scan# 501  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.7  | 45.0  | 67.4# |
| 65      | 13.6  | 10.2  | 15.2  |





#25

Isophorone

Concen: 36.69 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

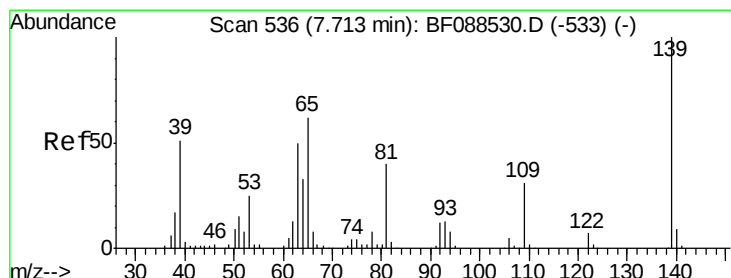
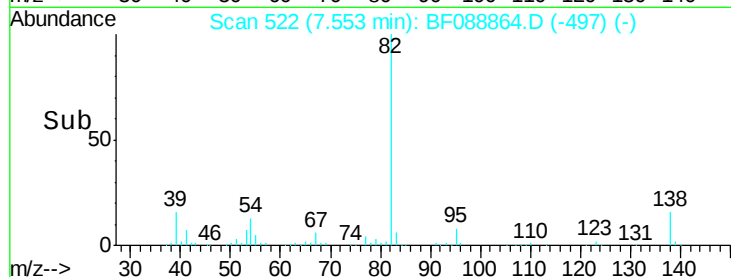
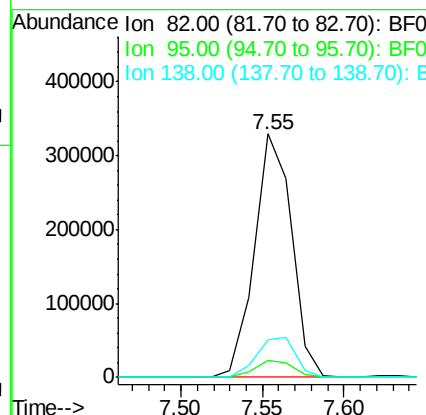
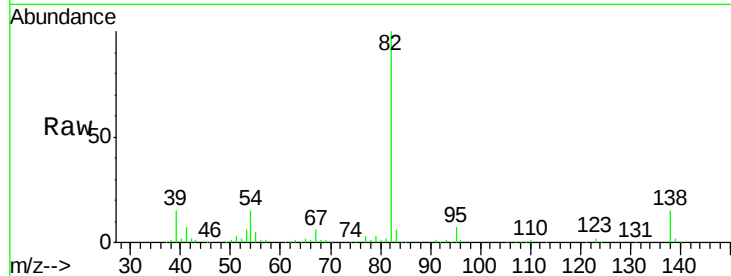
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 522704 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 5.4   | 8.2    |
| 138       | 15.4  | 14.6  | 21.8   |

Manual Integrations

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7/11/2016 7:15:27 PM



#26

2-Nitrophenol

Concen: 45.56 ng

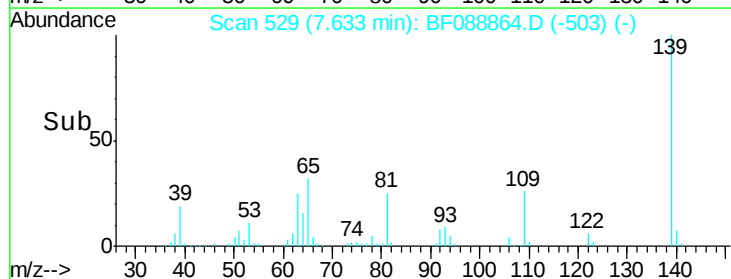
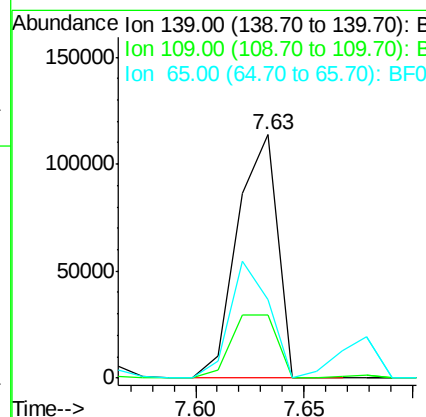
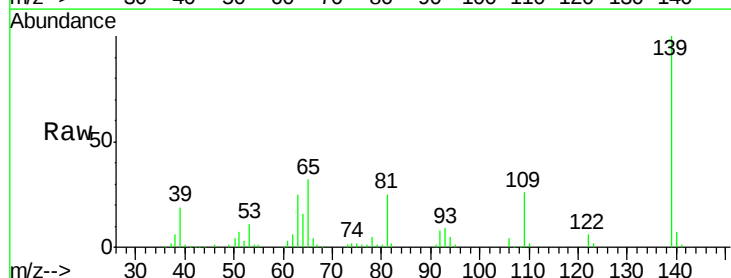
RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 144884 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.1  | 23.0  | 34.4   |
| 65        | 32.1  | 45.8  | 68.8#  |





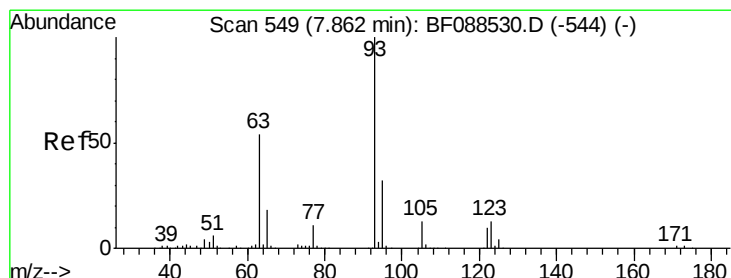
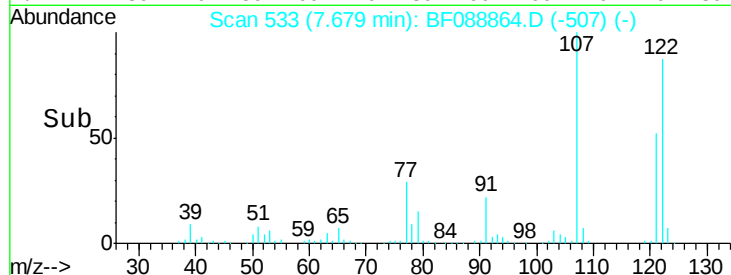
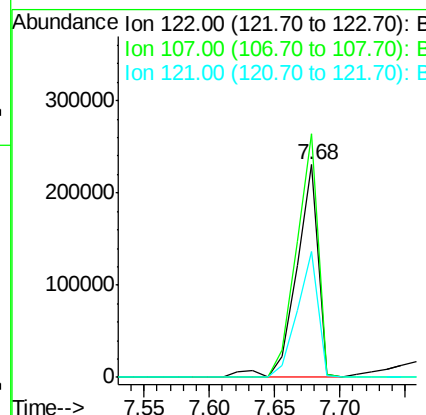
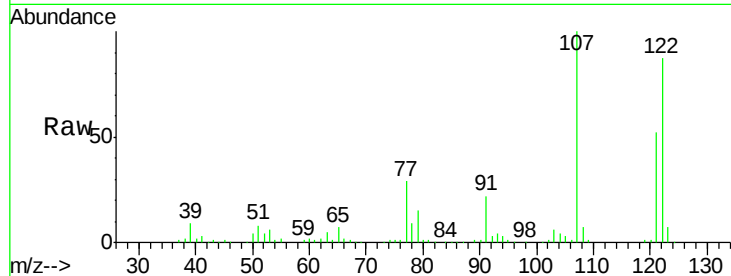
#27  
2,4-Dimethylphenol  
Concen: 40.61 ng  
RT: 7.68 min Scan# 533  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.4 | 82.4  | 123.6 |
| 121     | 59.1  | 46.3  | 69.5  |

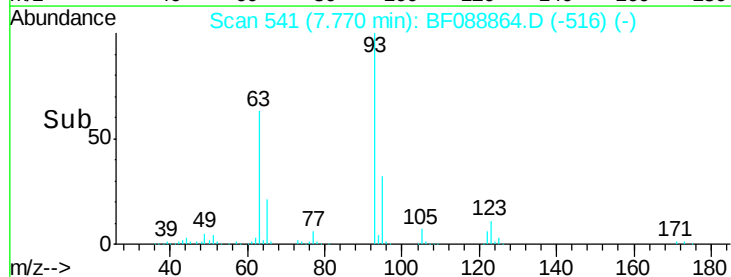
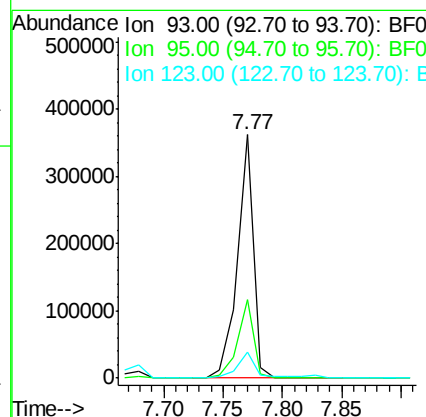
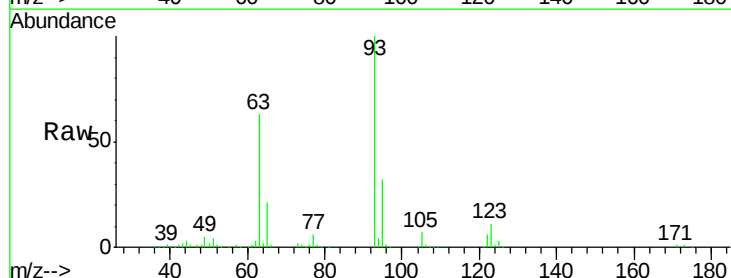
Manual Integrations

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#28  
bis(2-Chloroethoxy)methane  
Concen: 36.52 ng  
RT: 7.77 min Scan# 541  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 26.5  | 39.7  |
| 123     | 10.7  | 11.6  | 17.4# |





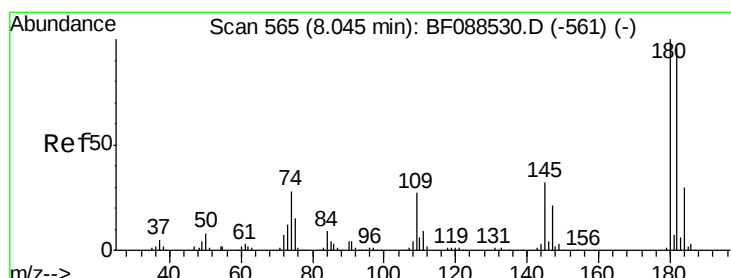
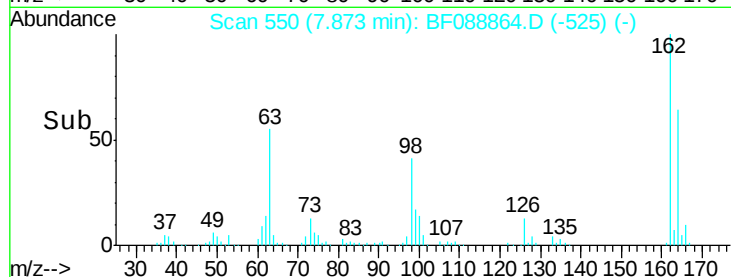
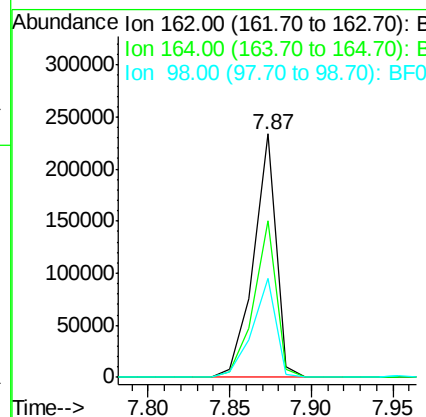
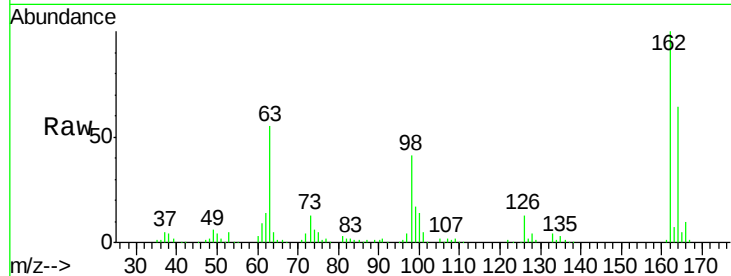
#29  
 2,4-Dichlorophenol  
 Concen: 42.17 ng  
 RT: 7.87 min Scan# 550  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 225691 |       |       |
| 164     | 64.1  | 43.8   | 83.8  |       |
| 98      | 40.9  | 21.3   | 61.3  |       |

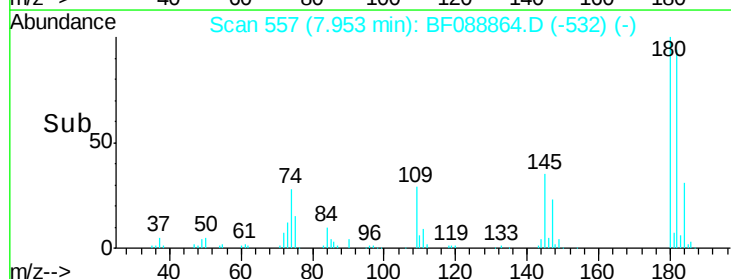
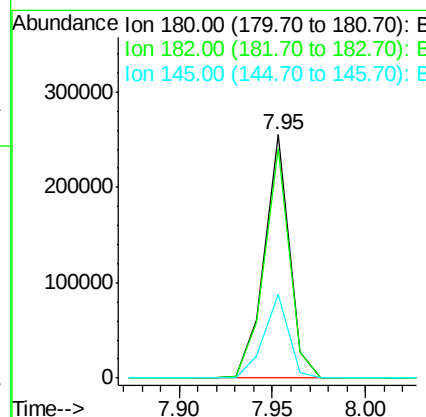
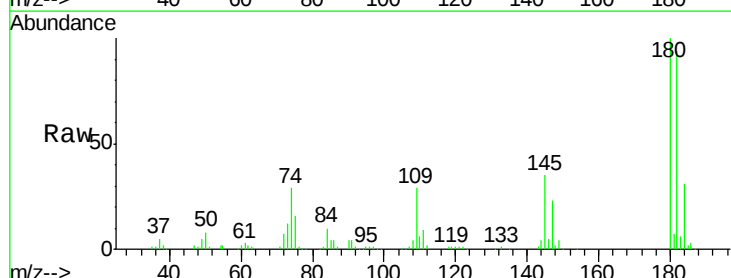
Manual Integrations

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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.28 ng  
 RT: 7.95 min Scan# 557  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 236576 |       |       |
| 182     | 94.2  | 76.0   | 114.0 |       |
| 145     | 34.6  | 26.5   | 39.7  |       |





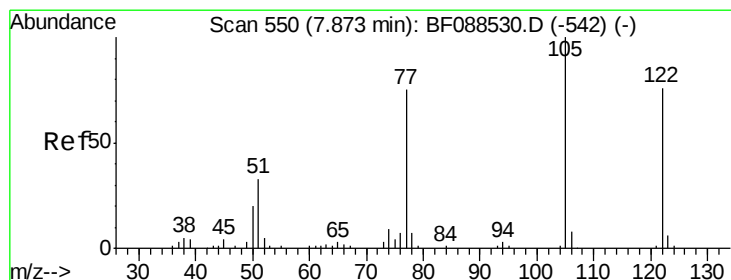
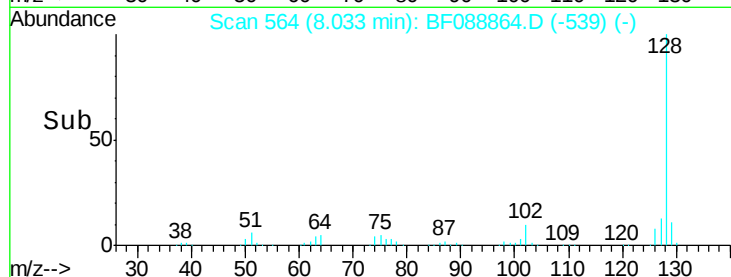
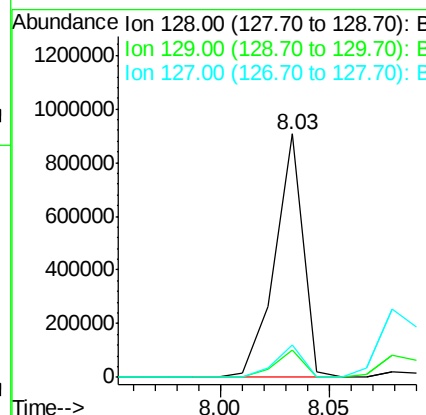
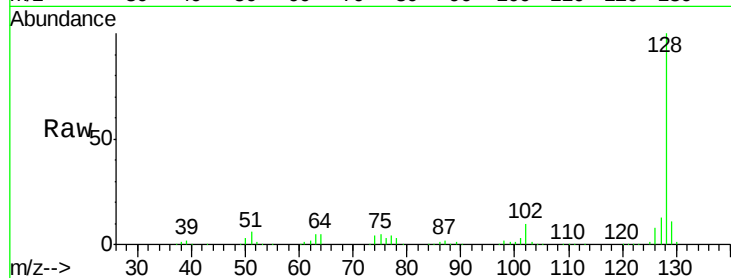
#31  
Naphthalene  
Concen: 41.63 ng  
RT: 8.03 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.4   | 14.2  |
| 127     | 13.5  | 10.9  | 16.3  |

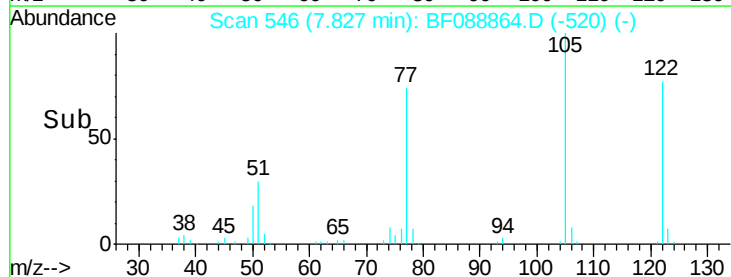
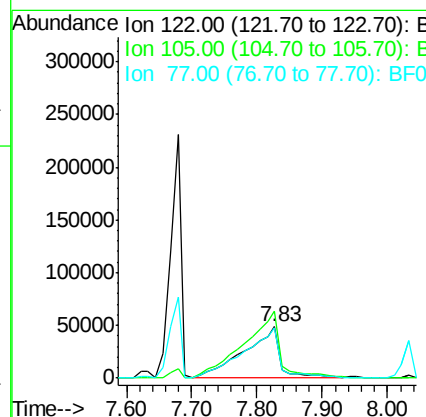
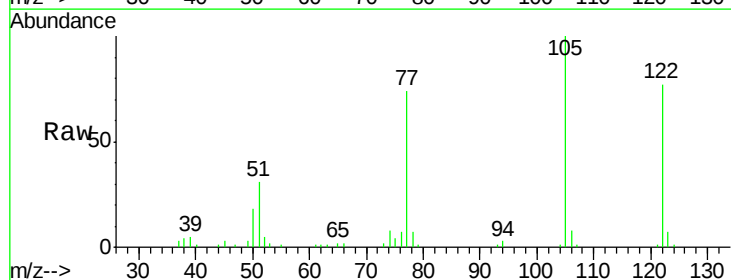
Manual Integrations

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#32  
Benzoic acid  
Concen: 37.95 ng  
RT: 7.83 min Scan# 546  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 130.6 | 101.6 | 141.6 |
| 77      | 97.2  | 70.6  | 110.6 |





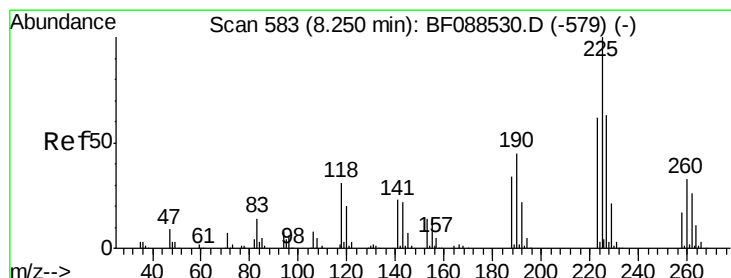
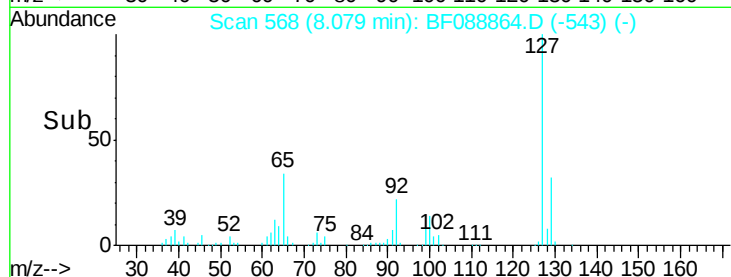
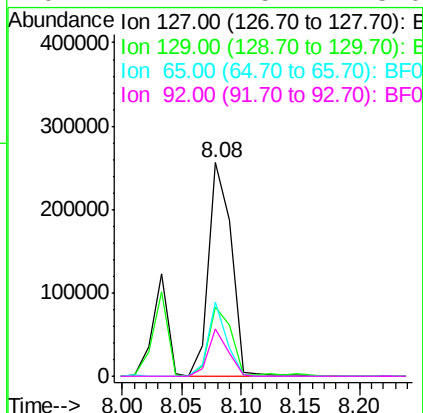
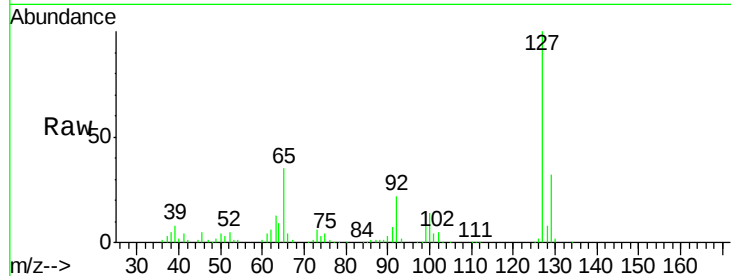
#33  
4-Chloroaniline  
Concen: 38.09 ng  
RT: 8.08 min Scan# 568  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.1 | 26.3  | 39.5 |       |       |
| 65      | 34.8 | 24.7  | 37.1 |       |       |
| 92      | 22.2 | 15.4  | 23.0 |       |       |

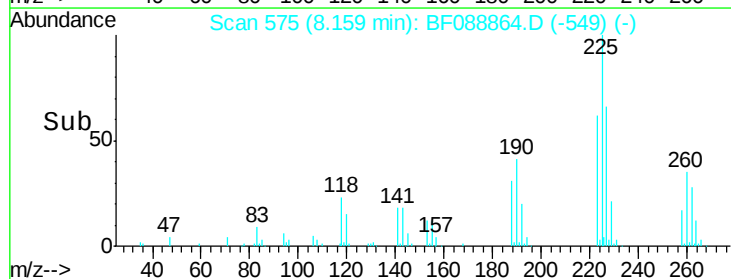
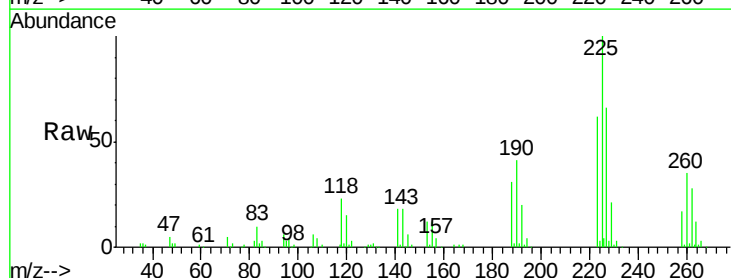
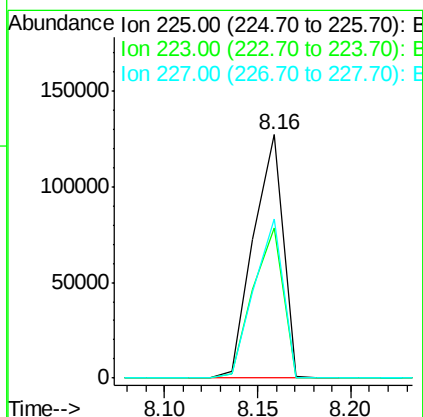
Manual Integrations

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#34  
Hexachlorobutadiene  
Concen: 44.43 ng  
RT: 8.16 min Scan# 575  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.6 | 50.9  | 76.3 |       |       |
| 227     | 65.6 | 51.9  | 77.9 |       |       |





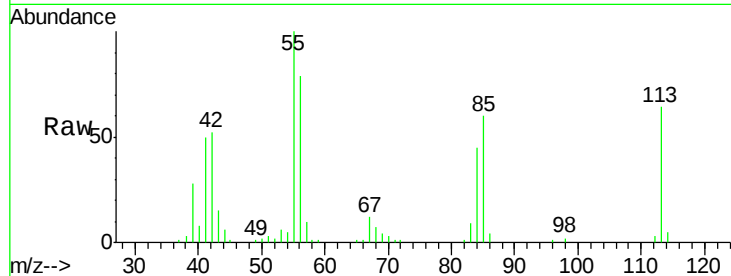
#35  
Caprolactam  
Concen: 36.70 ng  
RT: 8.47 min Scan# 602  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

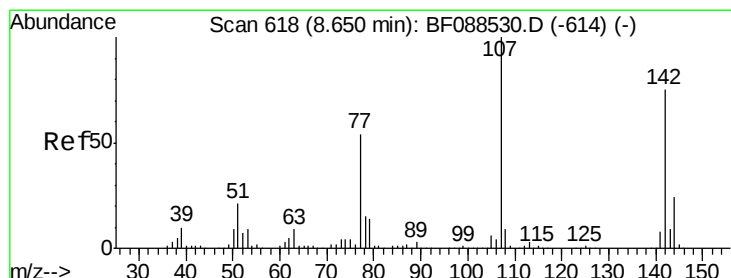
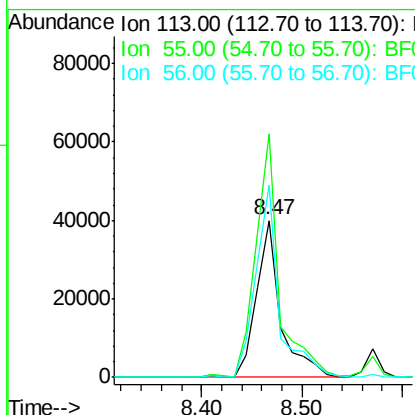
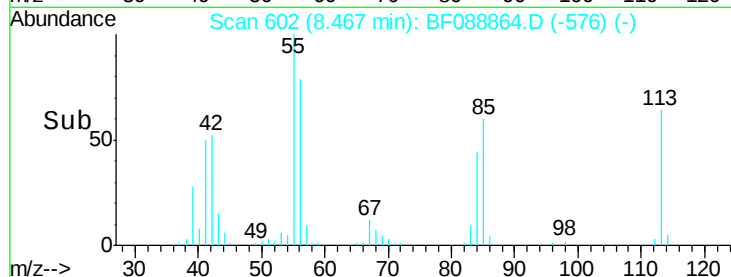
Tot Ion:113 Resp: 66707  
Ion Ratio Lower Upper  
113 100  
55 155.2 158.6 198.6#  
56 122.5 110.6 150.6

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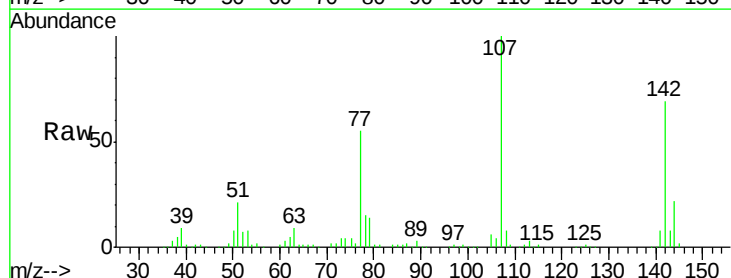


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0

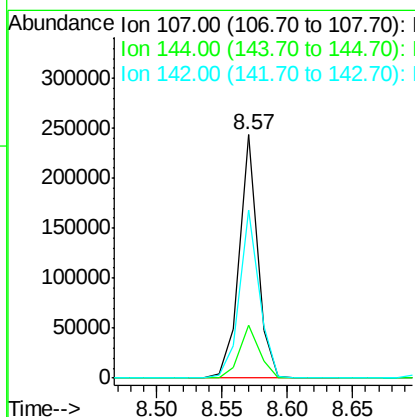
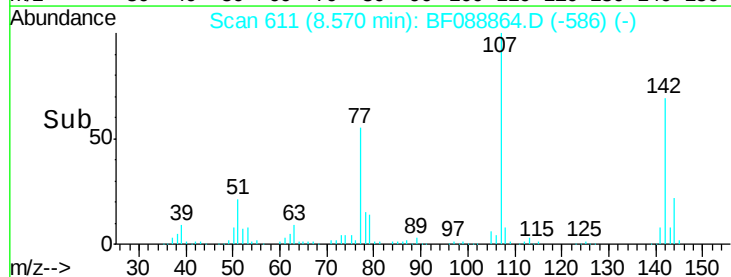


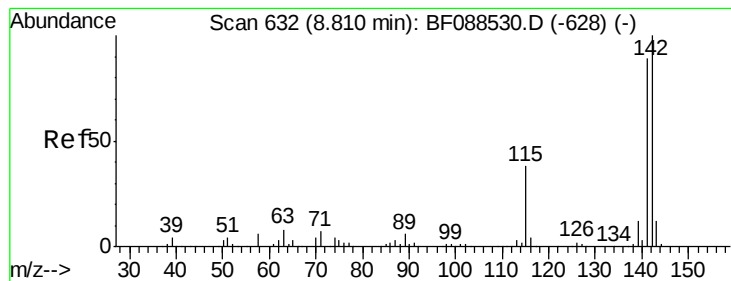
#36  
4-Chloro-3-methylphenol  
Concen: 37.70 ng  
RT: 8.57 min Scan# 611  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Tgt Ion:107 Resp: 238616  
Ion Ratio Lower Upper  
107 100  
144 21.9 20.8 31.2  
142 69.0 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





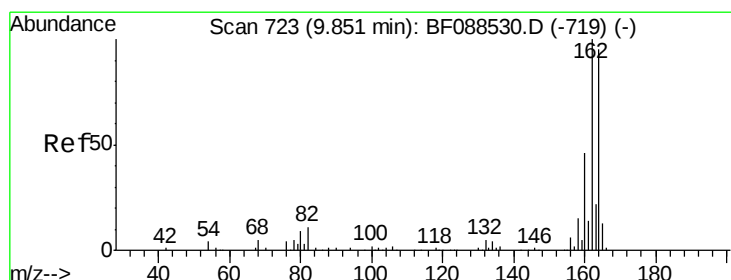
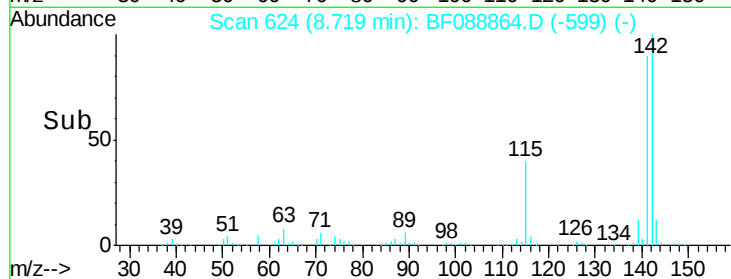
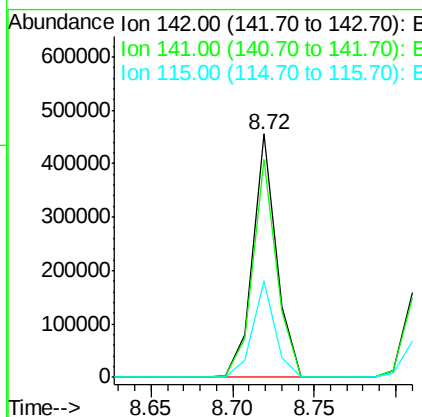
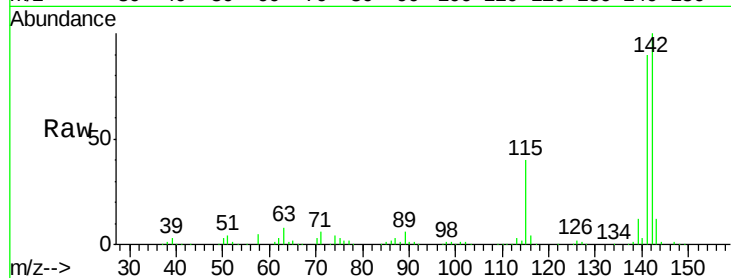
#37  
2-Methylnaphthalene  
Concen: 36.04 ng  
RT: 8.72 min Scan# 624  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 71.0  | 106.6 |
| 115     | 39.5  | 22.6  | 33.8  |

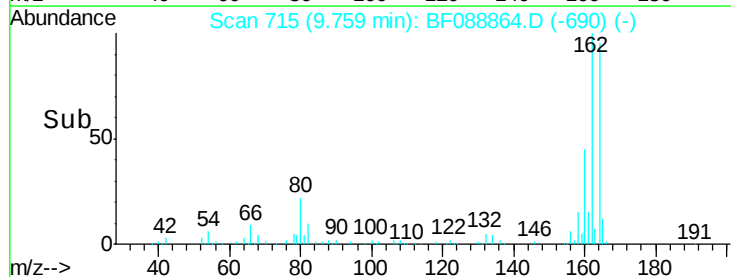
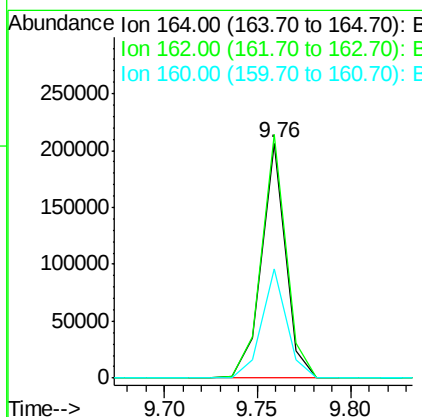
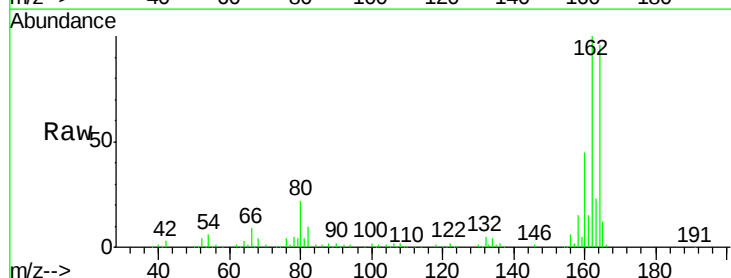
Manual Integrations

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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.76 min Scan# 715  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.8 | 85.4  | 128.2 |
| 160     | 46.8  | 39.5  | 59.3  |





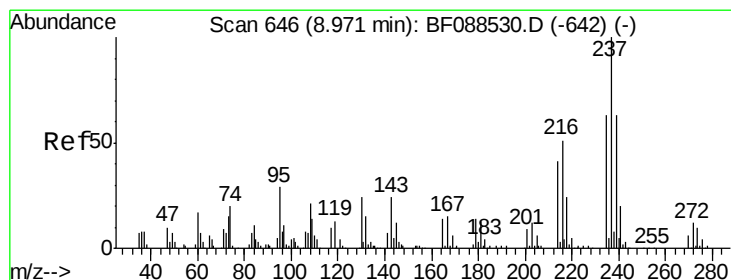
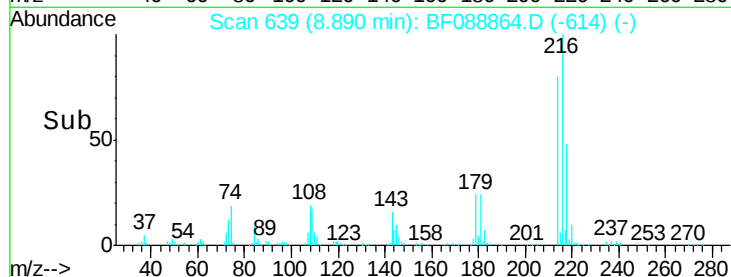
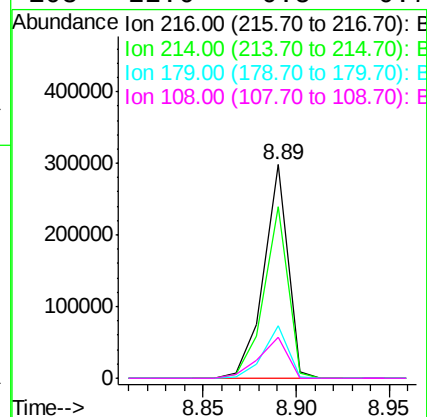
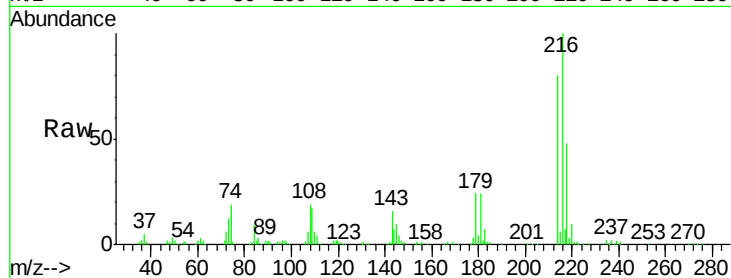
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.81 ng  
 RT: 8.89 min Scan# 639  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 267218 |       |       |
| 214     | 79.9 | 2.9   | 4.3#   |       |       |
| 179     | 24.6 | 0.0   | 0.0#   |       |       |
| 108     | 22.6 | 0.5   | 0.7#   |       |       |

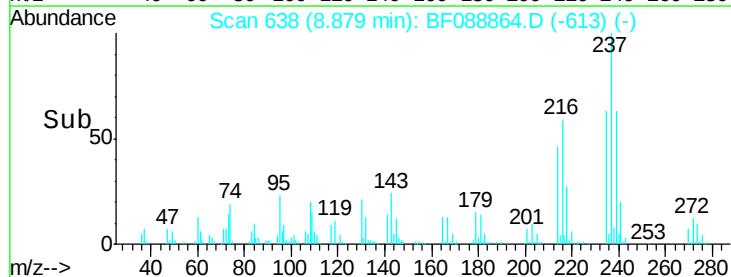
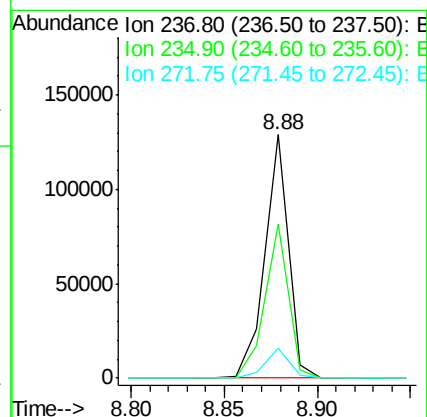
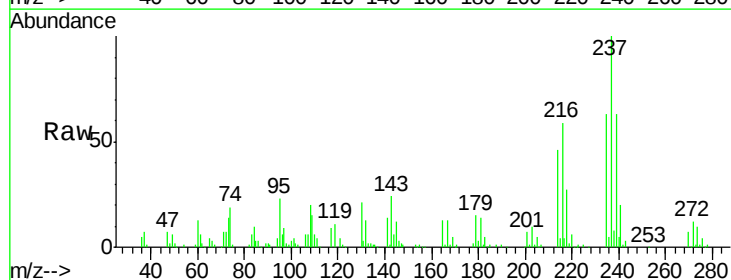
Manual Integrations

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#40  
 Hexachlorocyclopentadiene  
 Concen: 37.34 ng  
 RT: 8.88 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 111789 |       |       |
| 235     | 63.1 | 43.4  | 83.4   |       |       |
| 272     | 12.3 | 0.0   | 32.3   |       |       |





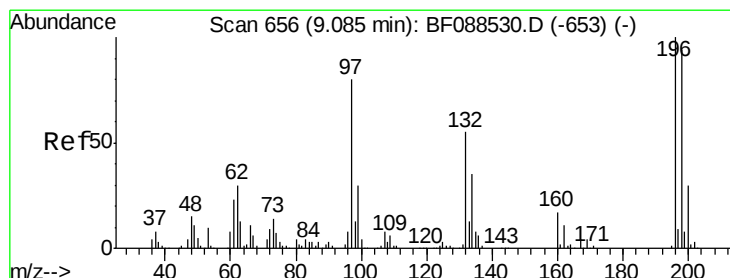
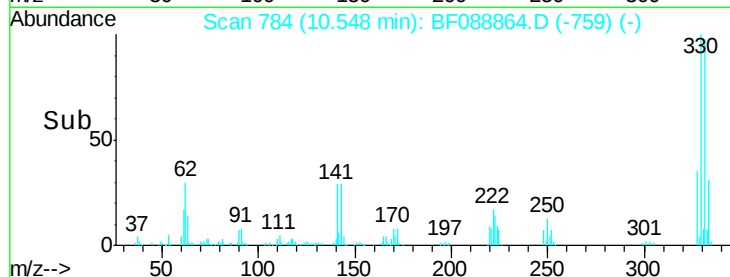
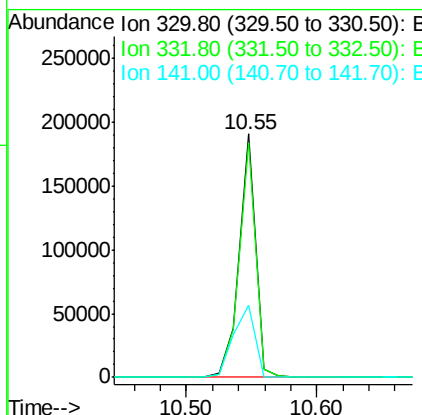
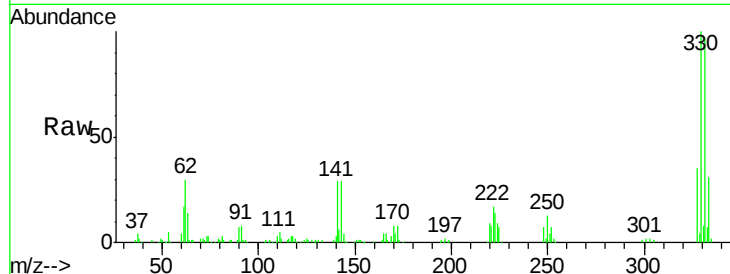
#41  
 2,4,6-Tribromophenol  
 Concen: 97.13 ng  
 RT: 10.55 min Scan# 784  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 165423 |       |       |
| 332     | 96.8  | 0.0    | 0.0   | 0.0   |
| 141     | 38.6  | 0.0    | 0.0   | 0.0   |

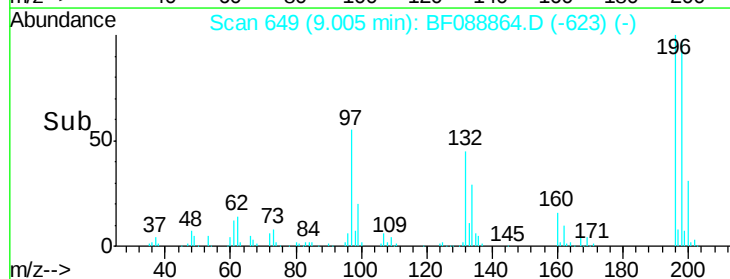
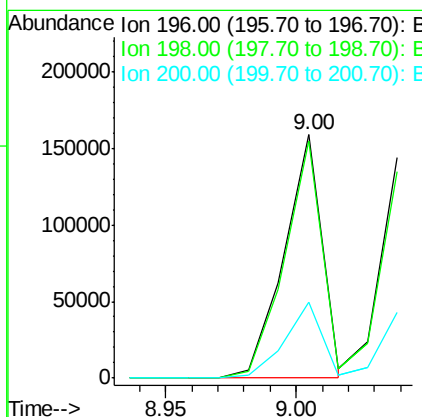
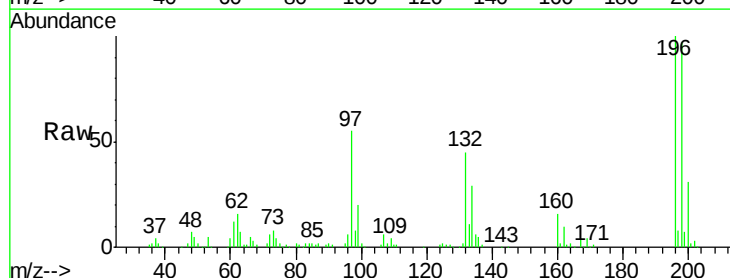
Manual Integrations

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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.59 ng  
 RT: 9.00 min Scan# 649  
 Delta R.T. -0.00 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 159223 |       |       |
| 198     | 97.5  | 78.0   | 117.0 |       |
| 200     | 31.2  | 25.4   | 38.2  |       |





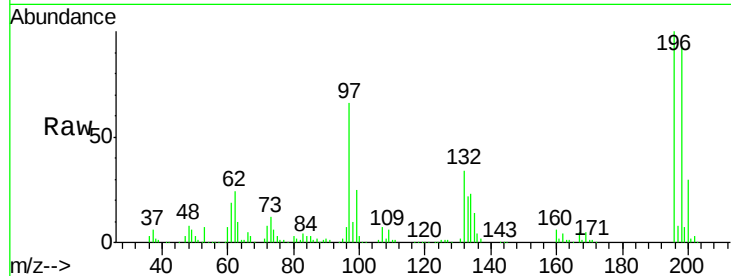
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.88 ng  
 RT: 9.04 min Scan# 652  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

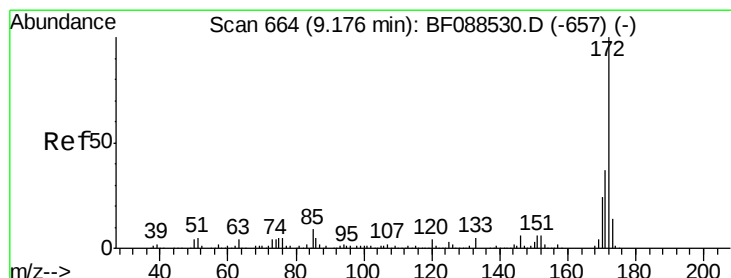
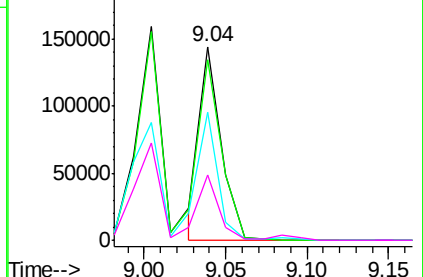
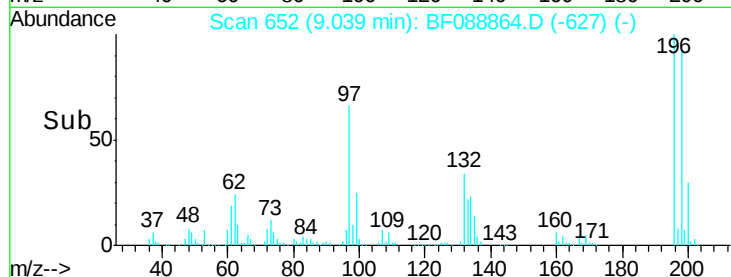
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 134525 |       |       |
| 198     | 93.5 | 77.5  | 116.3  |       |       |
| 97      | 66.2 | 32.0  | 48.0#  |       |       |
| 132     | 33.5 | 20.9  | 31.3#  |       |       |

Manual Integrations

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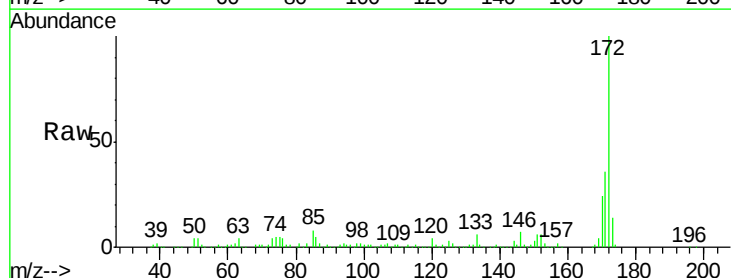


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

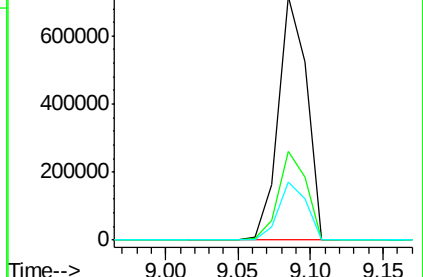
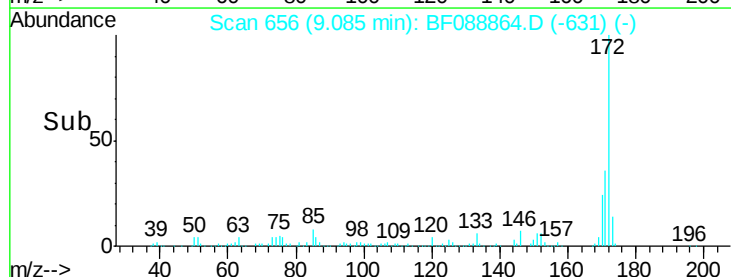


#44  
 2-Fluorobiphenyl  
 Concen: 83.49 ng  
 RT: 9.08 min Scan# 656  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 969411 |       |       |
| 171     | 36.3 | 28.6  | 43.0   |       |       |
| 170     | 24.1 | 19.2  | 28.8   |       |       |



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





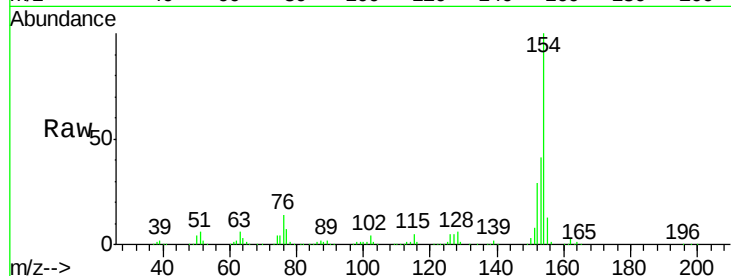
#45  
 1,1'-Biphenyl  
 Concen: 41.00 ng  
 RT: 9.19 min Scan# 665  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

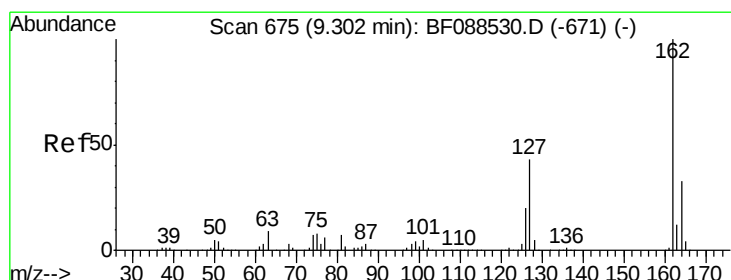
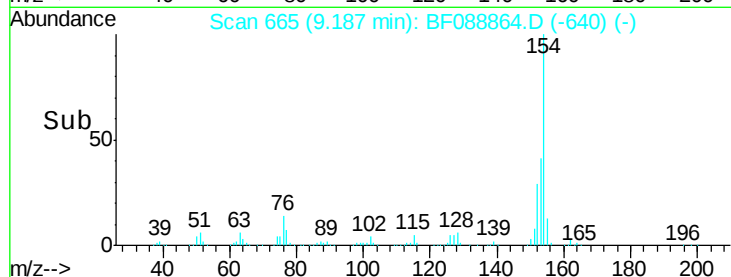
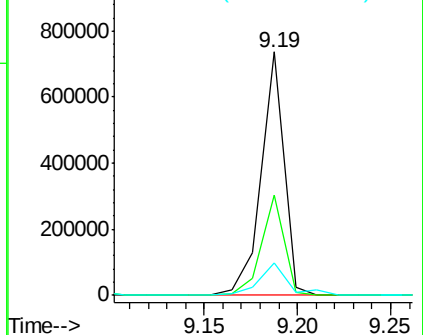
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 622629 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.1  | 20.6  | 60.6   |
| 76        | 13.5  | 0.0   | 35.1   |

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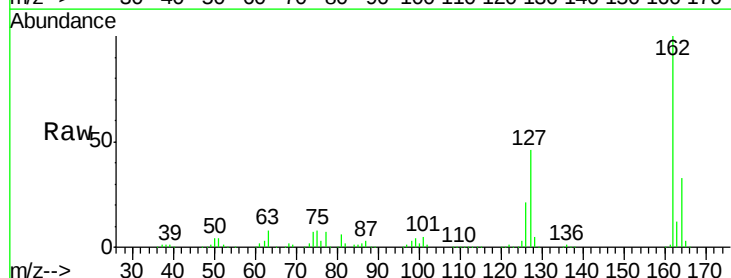


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

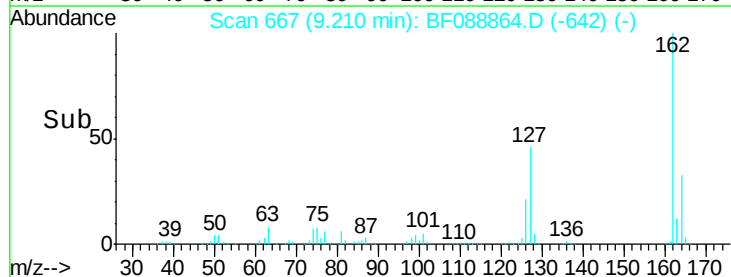
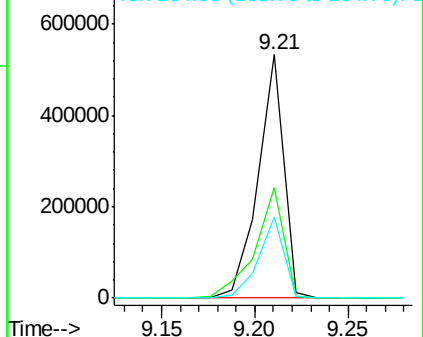


#46  
 2-Chloronaphthalene  
 Concen: 42.24 ng  
 RT: 9.21 min Scan# 667  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 503650 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 45.6  | 35.2  | 52.8   |
| 164       | 33.0  | 26.6  | 39.8   |



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





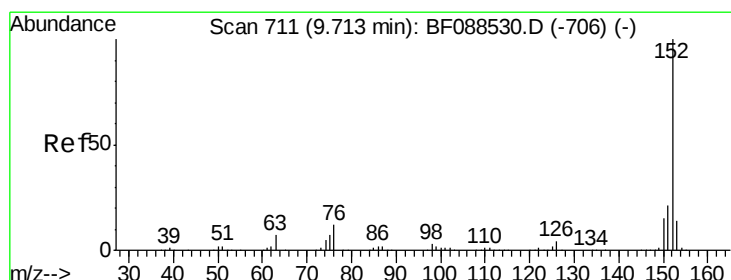
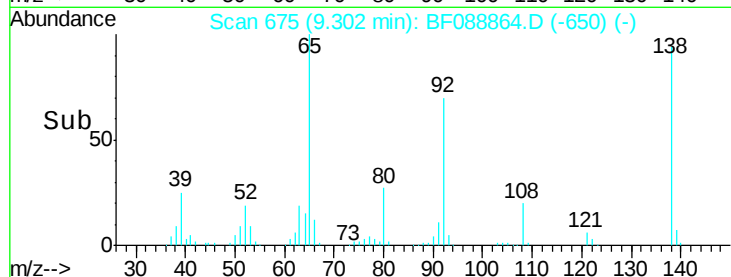
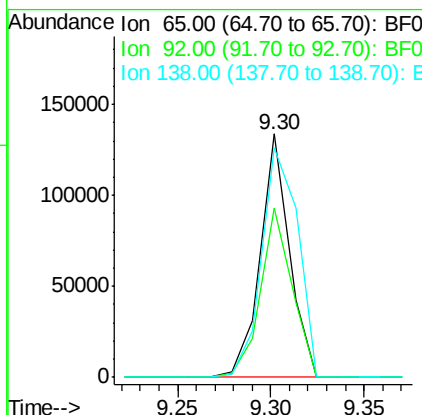
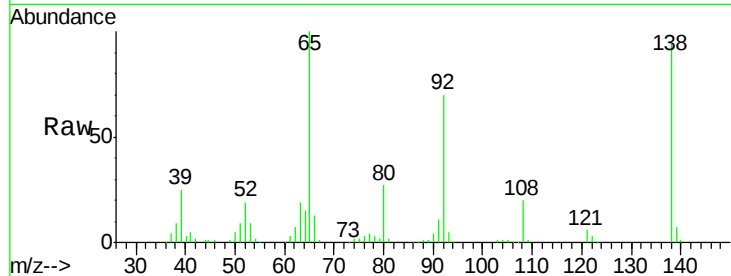
#47  
2-Nitroaniline  
Concen: 34.17 ng  
RT: 9.30 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.5  | 54.6  | 82.0  |
| 138     | 94.2  | 77.0  | 115.4 |

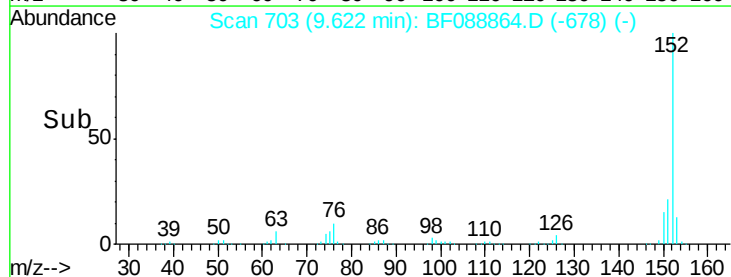
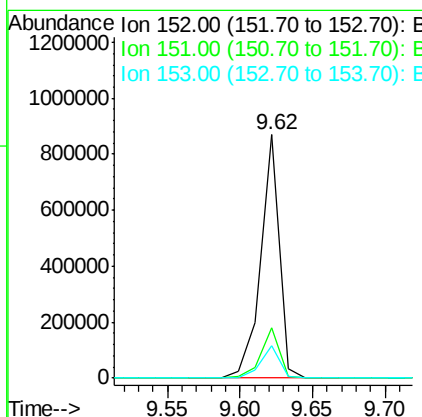
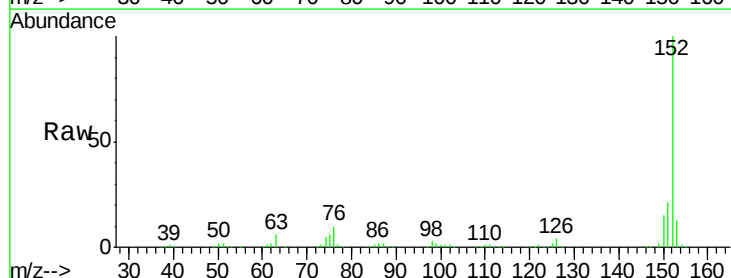
Manual Integrations

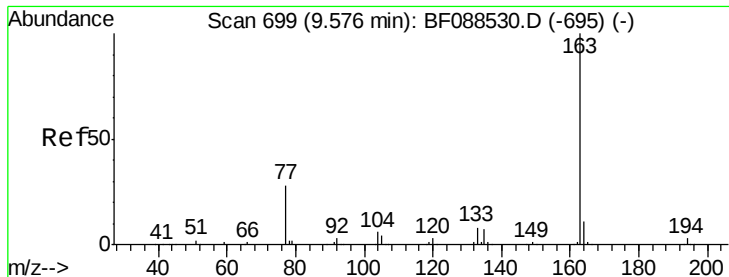
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#48  
Acenaphthylene  
Concen: 40.73 ng  
RT: 9.62 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.2  | 24.4  |
| 153     | 13.5  | 11.0  | 16.6  |





#49

Dimethylphthalate

Concen: 41.35 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

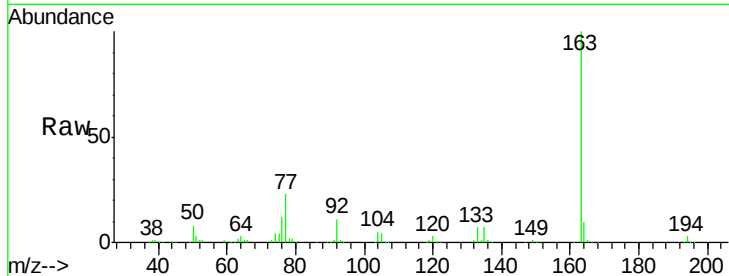
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 540245 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 2.8   | 4.2    |
| 164       | 10.3  | 8.3   | 12.5   |

Manual Integrations

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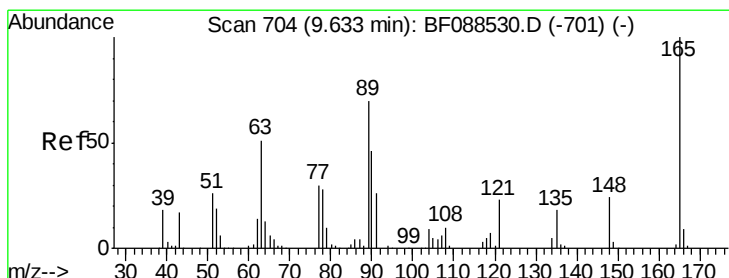
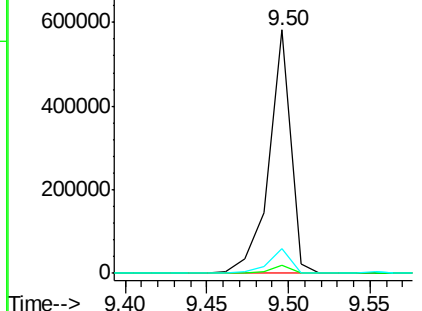
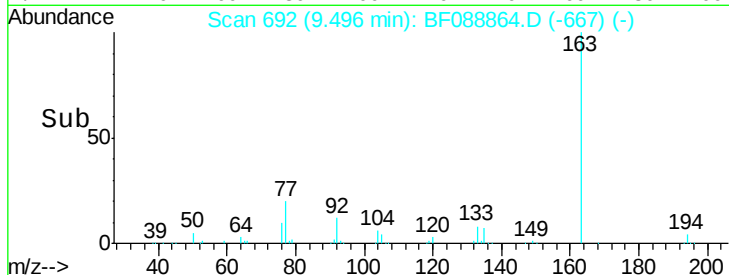
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.86 ng

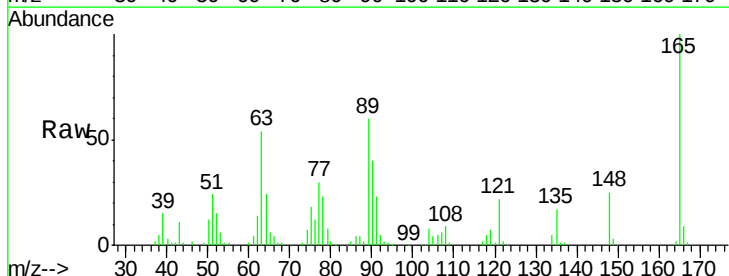
RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

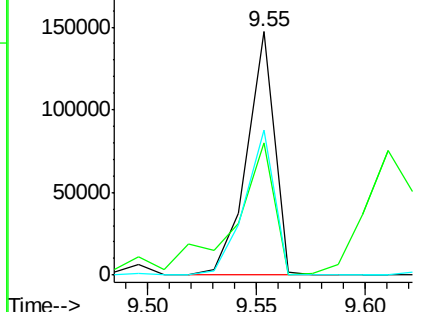
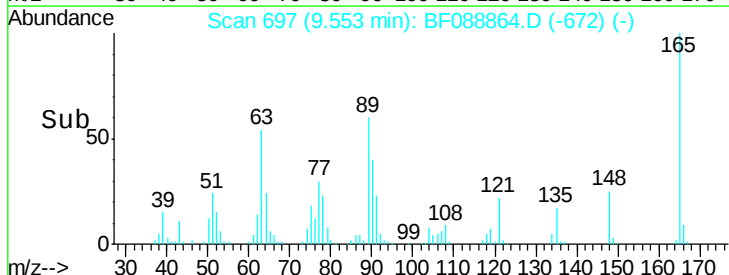
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 129904 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 54.4  | 28.1  | 42.1#  |
| 89        | 59.6  | 32.2  | 48.2#  |

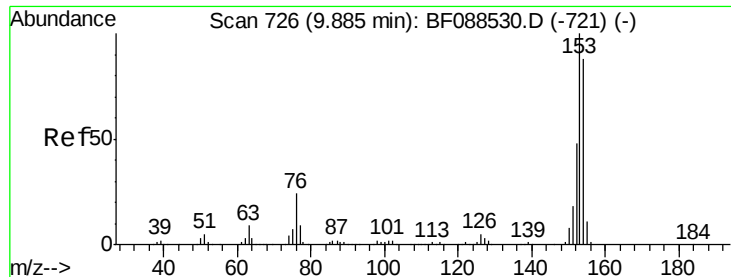


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.46 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 470530

Ion Ratio Lower Upper

154 100

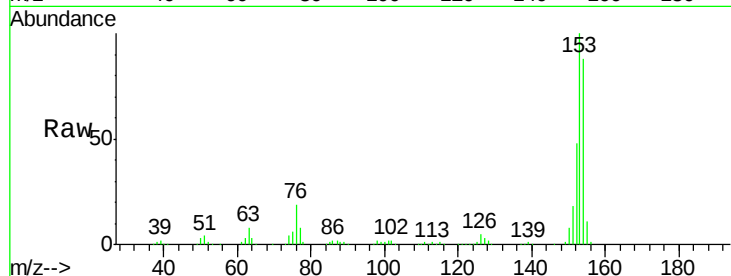
153 113.9 89.5 134.3

152 54.3 42.7 64.1

Manual Integrations

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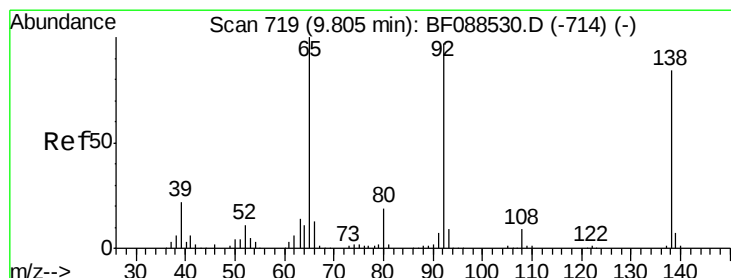
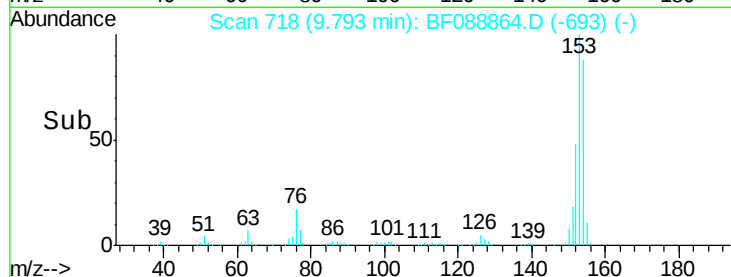
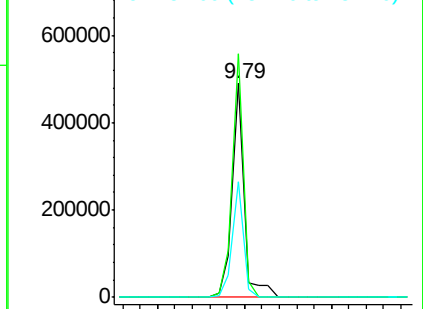
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.14 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

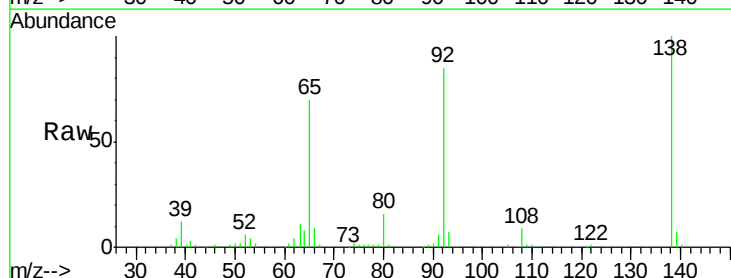
Tgt Ion:138 Resp: 155145

Ion Ratio Lower Upper

138 100

108 8.7 8.5 12.7

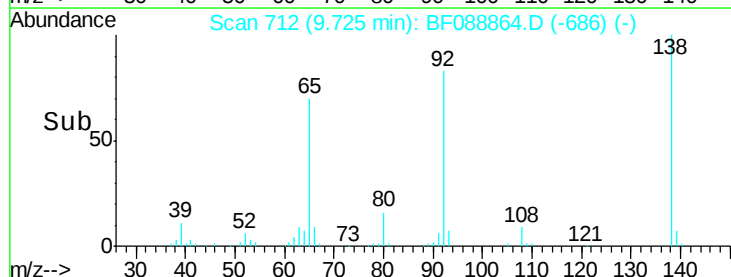
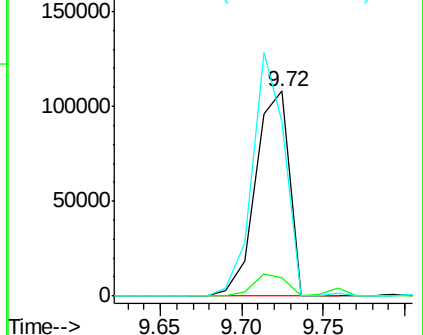
92 85.1 95.7 143.5#



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





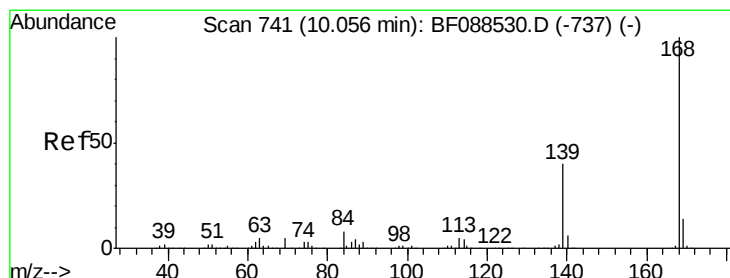
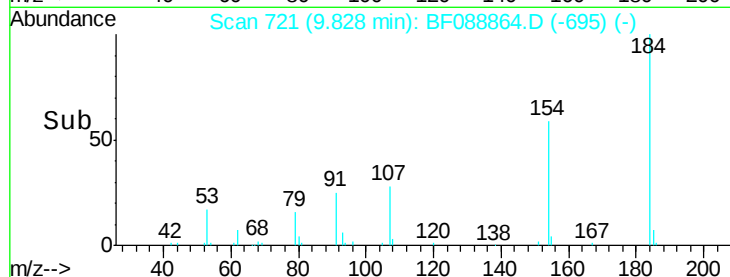
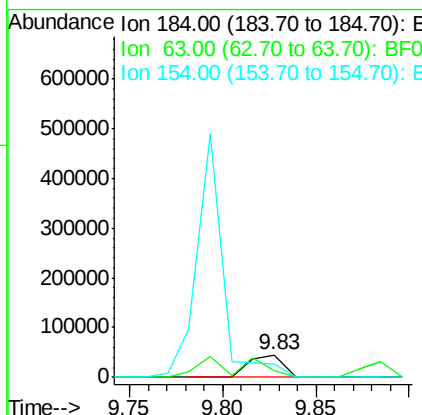
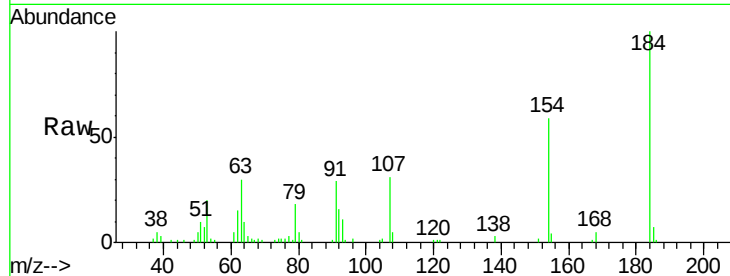
#53  
 2,4-Dinitrophenol  
 Concen: 47.43 ng  
 RT: 9.83 min Scan# 721  
 Delta R.T. -0.00 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:184 Resp: 60646  
 Ion Ratio Lower Upper  
 184 100  
 63 29.9 57.6 86.4#  
 154 59.3 53.5 80.3

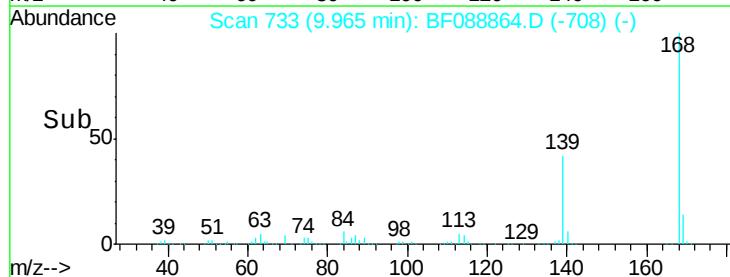
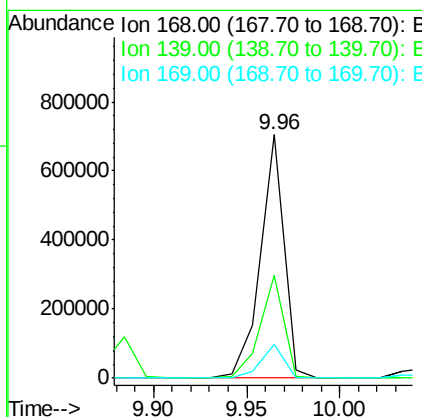
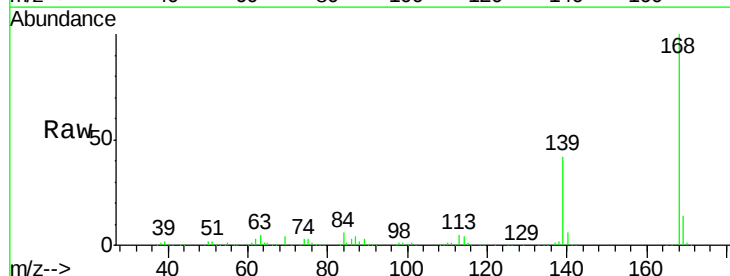
Manual Integrations

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#54  
 Dibenzofuran  
 Concen: 40.40 ng  
 RT: 9.96 min Scan# 733  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Tgt Ion:168 Resp: 614875  
 Ion Ratio Lower Upper  
 168 100  
 139 42.4 26.4 39.6#  
 169 13.6 10.4 15.6





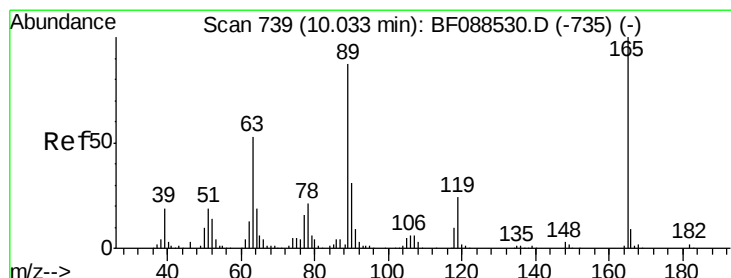
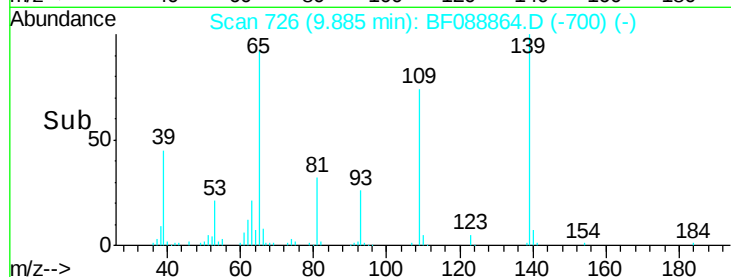
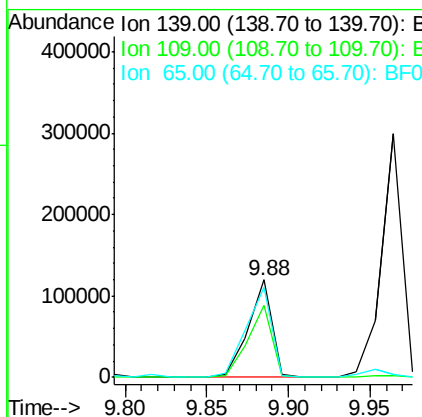
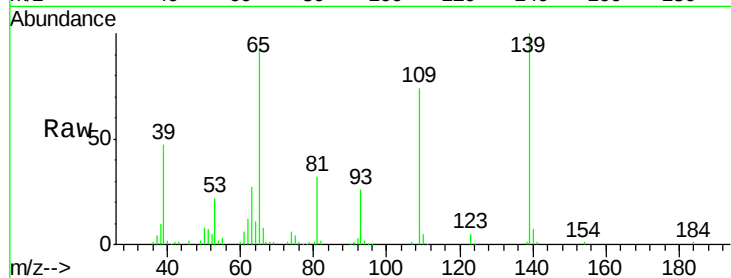
#55  
4-Nitrophenol  
Concen: 43.23 ng  
RT: 9.88 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 73.8  | 48.9  | 88.9  |
| 65      | 92.0  | 84.9  | 124.9 |

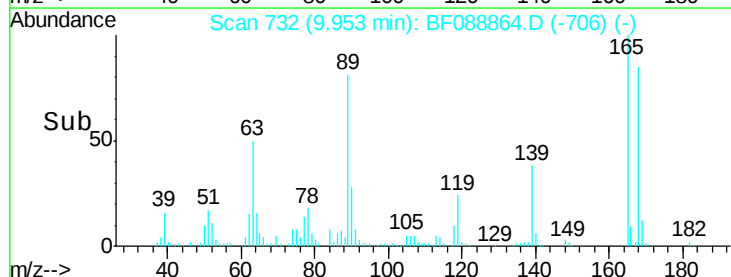
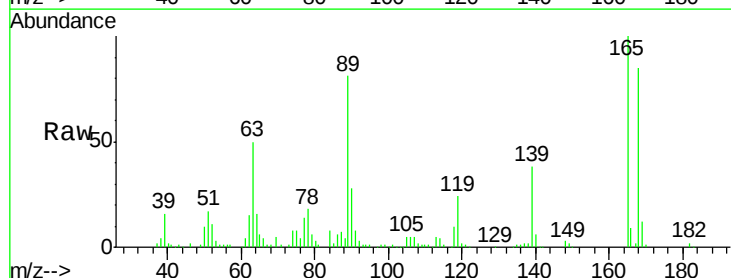
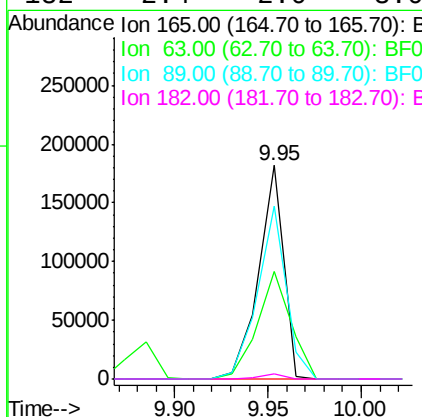
Manual Integrations

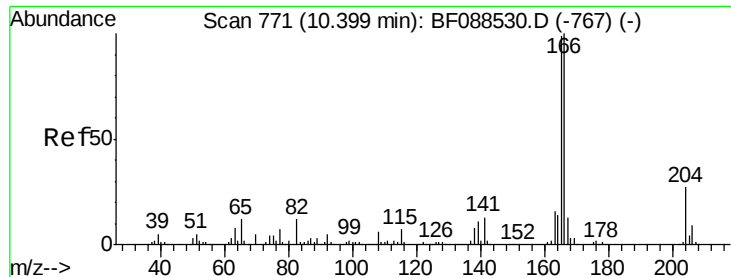
sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 44.07 ng  
RT: 9.95 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.2  | 22.0  | 33.0# |
| 89      | 81.0  | 41.1  | 61.7# |
| 182     | 2.4   | 2.0   | 3.0   |





#57

Fluorene

Concen: 46.46 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 544900

Ion Ratio Lower Upper

166 100

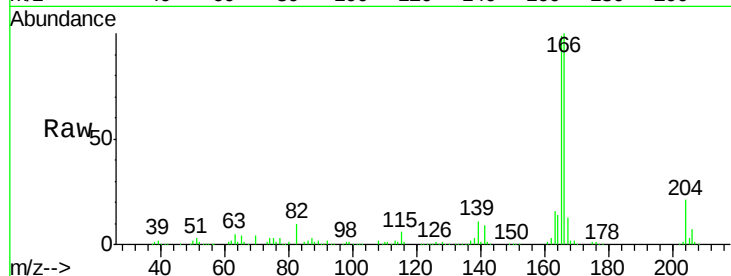
165 99.2 77.8 116.8

167 13.3 11.2 16.8

Manual Integrations

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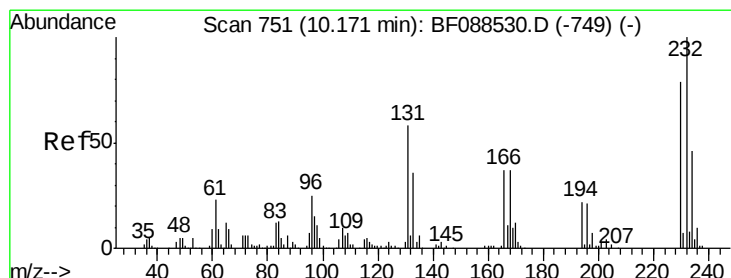
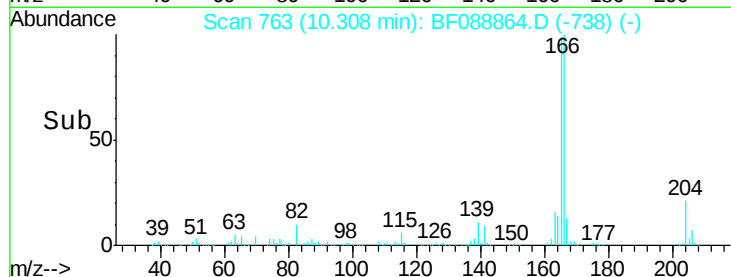
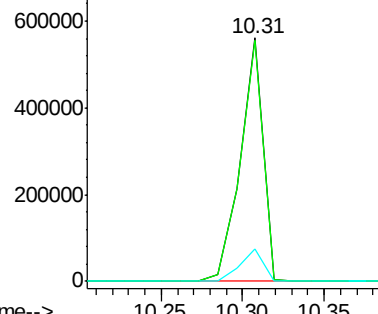
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.53 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Tgt Ion:232 Resp: 105831

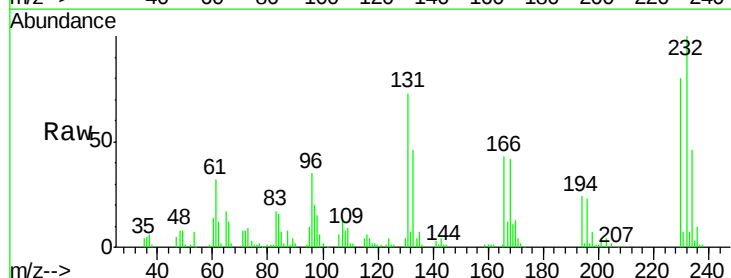
Ion Ratio Lower Upper

232 100

131 56.8 0.9 1.3#

130 2.9 1.5 2.3#

166 36.1 0.5 0.7#

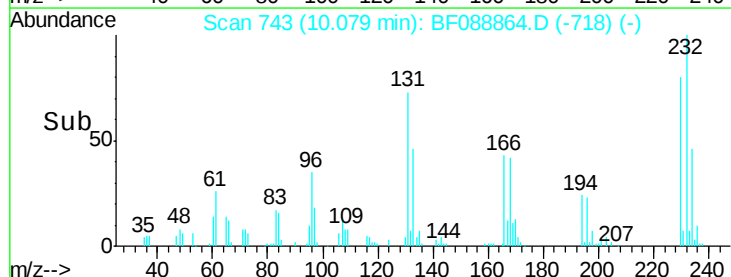
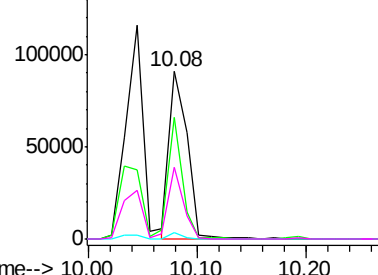


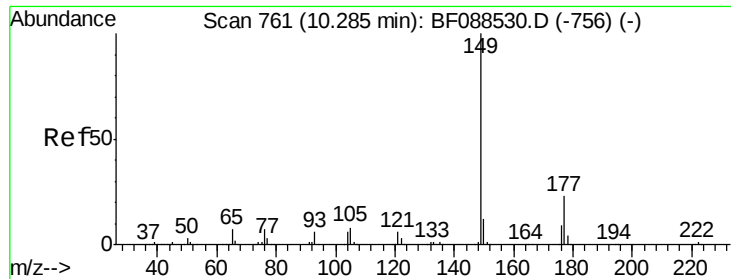
Abundance Ion 232.00 (231.70 to 232.70): E

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





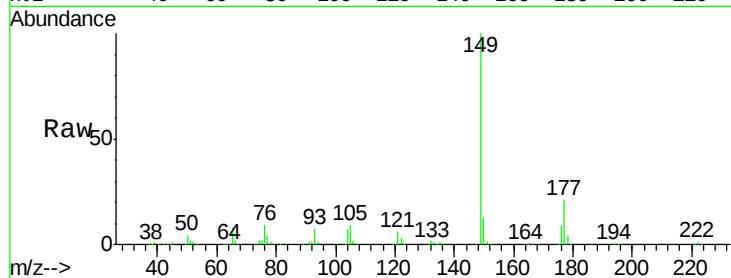
#59  
Diethylphthalate  
Concen: 44.24 ng  
RT: 10.19 min Scan# 753  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

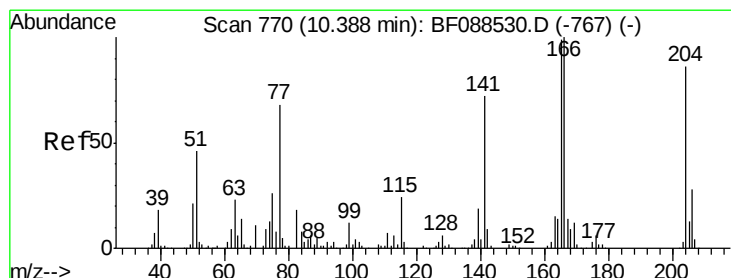
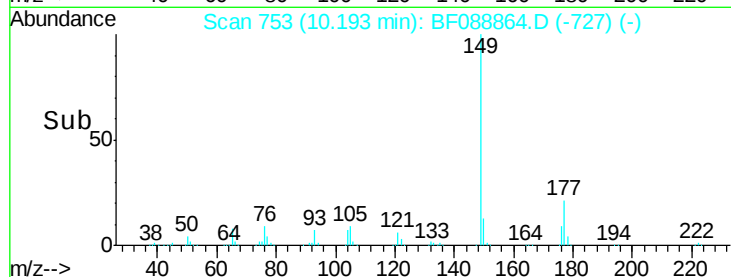
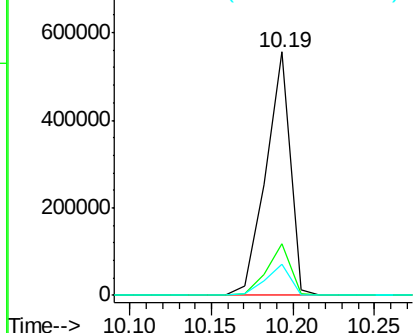
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.2  | 16.9  | 25.3  |
| 150     | 12.6  | 10.1  | 15.1  |

Manual Integrations

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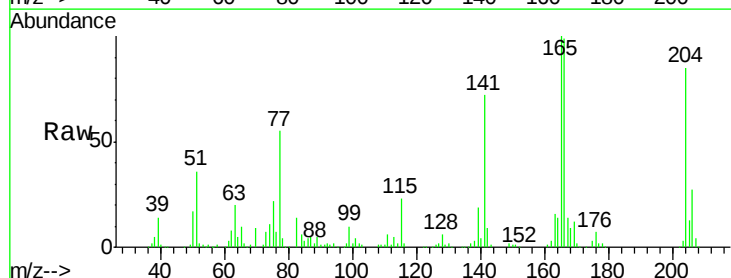


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

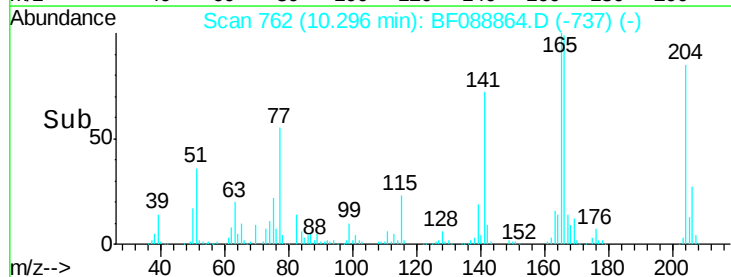
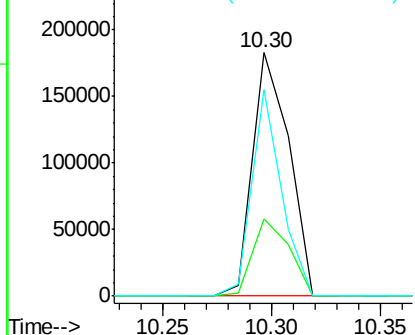


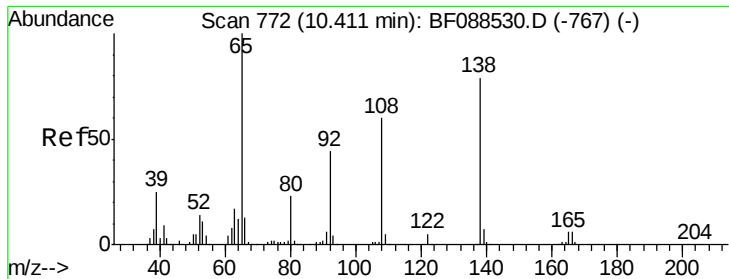
#60  
4-Chlorophenyl-phenylether  
Concen: 39.18 ng  
RT: 10.30 min Scan# 762  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.6  | 26.3  | 39.5  |
| 141     | 84.7  | 55.0  | 82.6# |



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: 40.21 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 142428

Ion Ratio Lower Upper

138 100

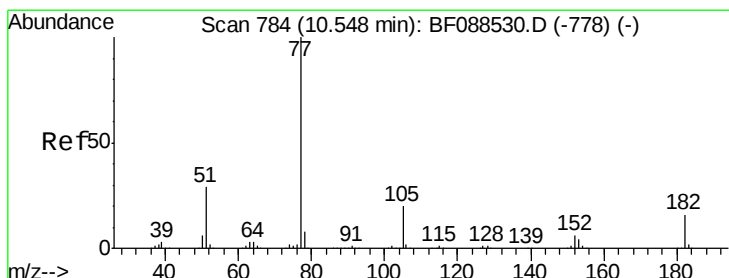
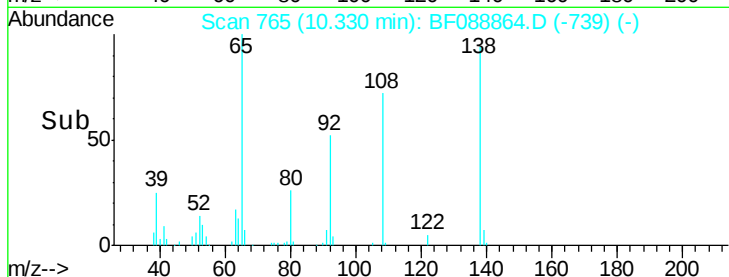
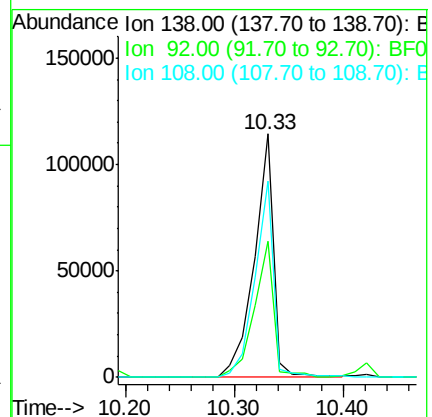
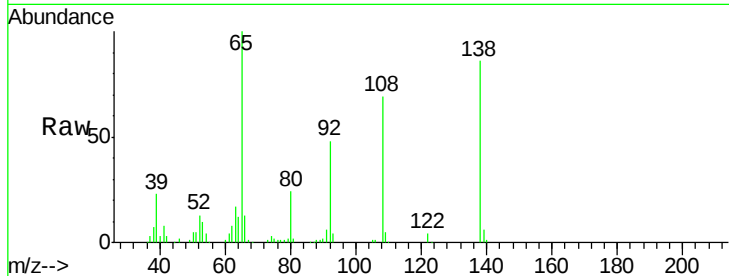
92 55.7 27.3 67.3

108 80.8 46.7 86.7

Manual Integrations

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7/11/2016 7:15:27 PM



#62

Azobenzene

Concen: 35.94 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Tgt Ion: 77 Resp: 537587

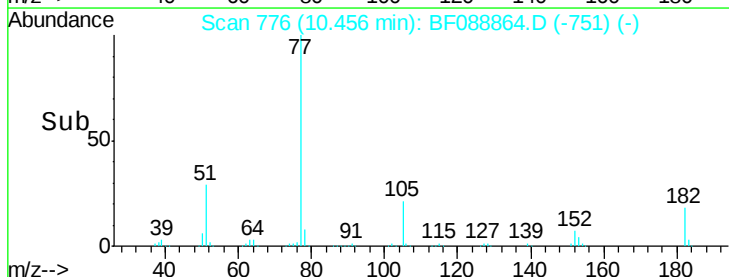
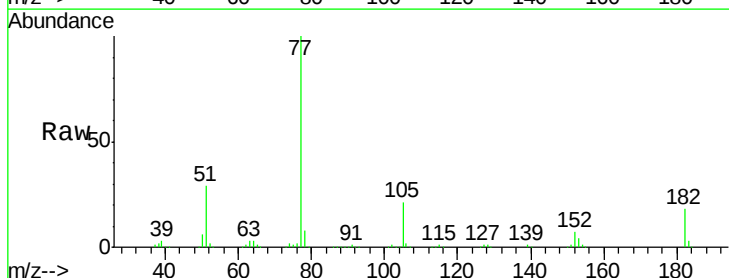
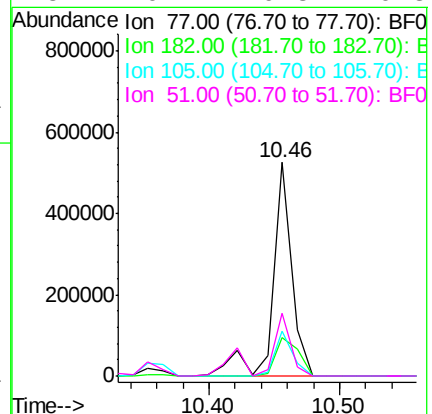
Ion Ratio Lower Upper

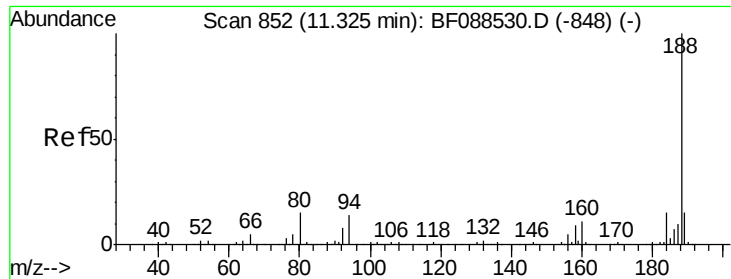
77 100

182 18.1 4.4 44.4

105 21.2 3.8 43.8

51 29.2 9.3 49.3





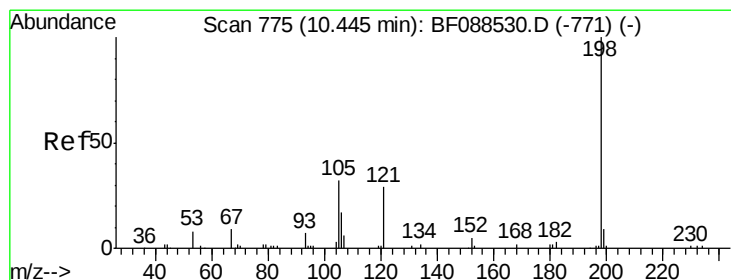
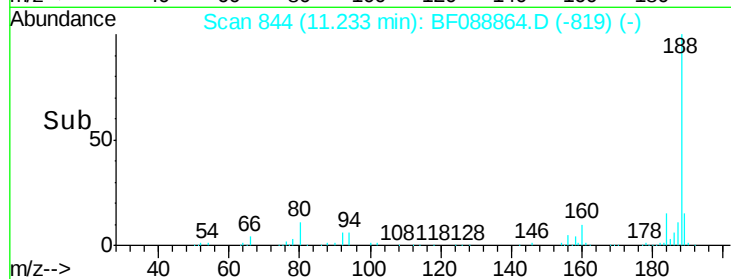
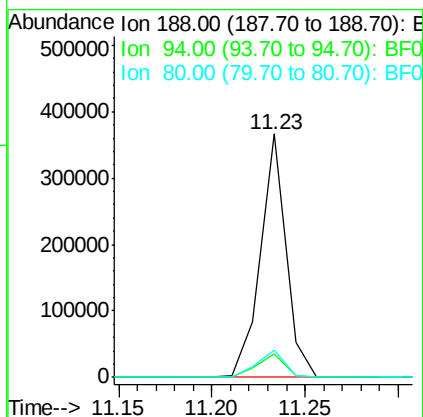
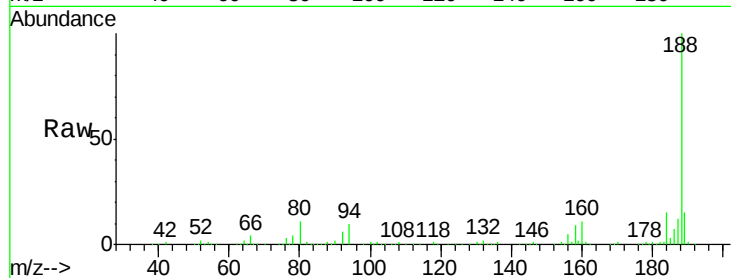
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.23 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.6   | 9.0   | 13.6  |
| 80      | 11.1  | 10.0  | 15.0  |

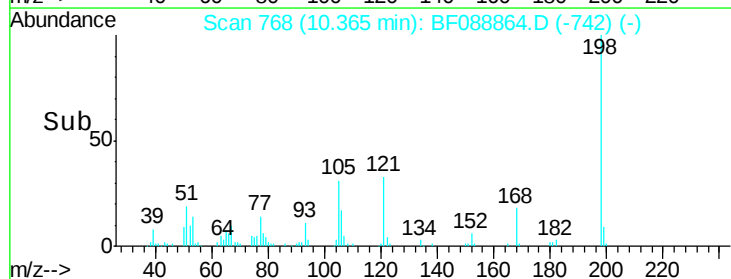
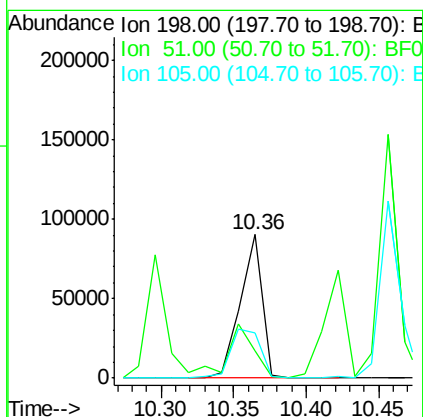
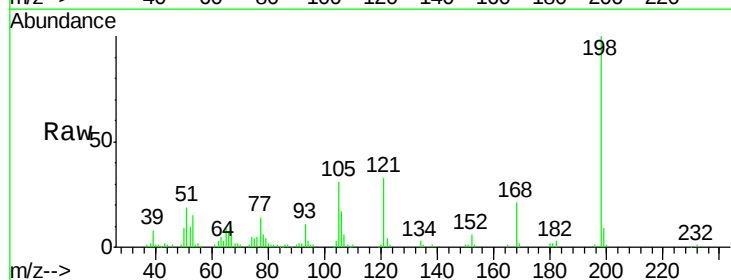
Manual Integrations

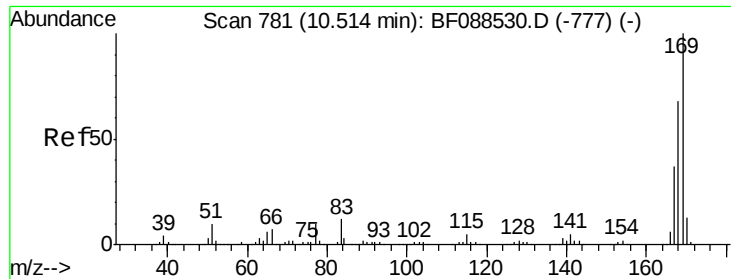
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 51.33 ng  
RT: 10.36 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 19.2  | 39.6  | 79.6# |
| 105     | 31.3  | 36.6  | 76.6# |





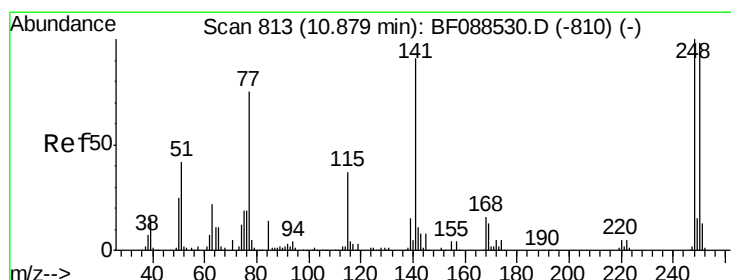
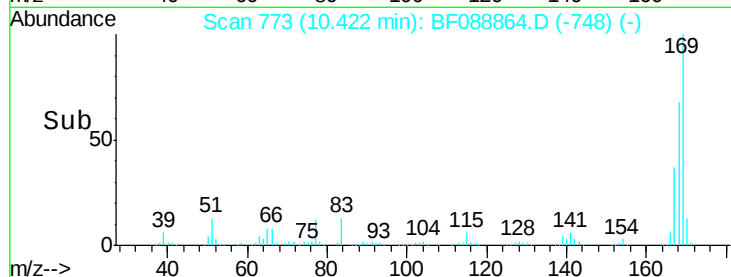
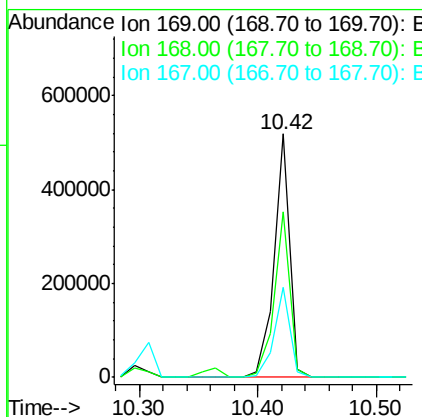
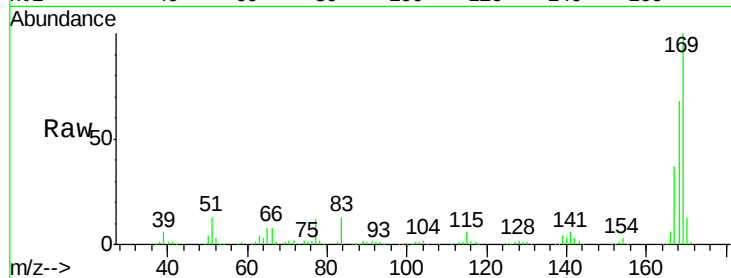
#65  
n-Nitrosodiphenylamine  
Concen: 40.53 ng  
RT: 10.42 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 169     | 100  |       |       |       |
| 168     | 67.9 | 53.4  | 80.0  |       |
| 167     | 37.1 | 29.4  | 44.0  |       |

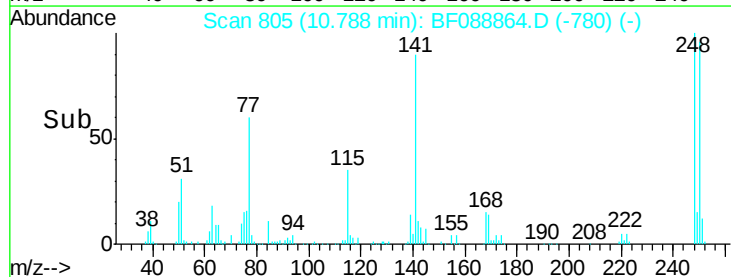
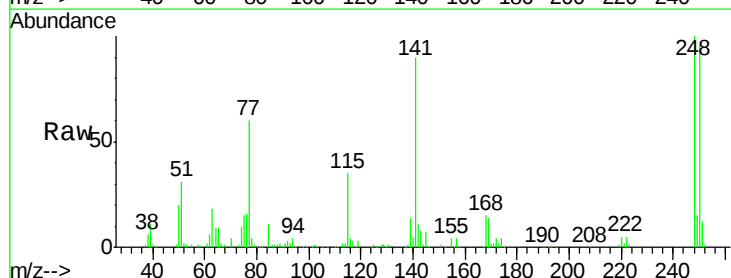
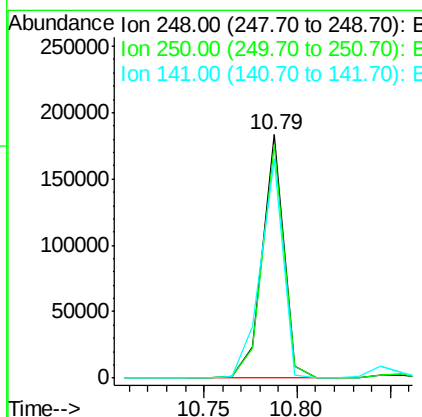
Manual Integrations

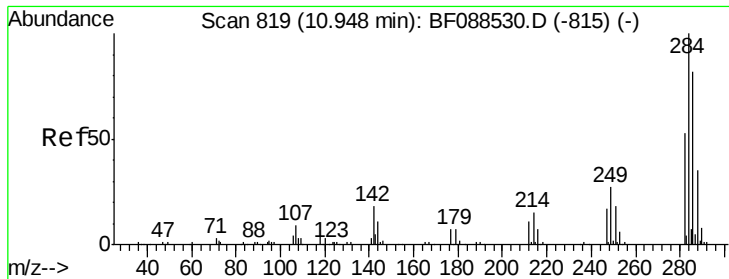
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#66  
4-Bromophenyl-phenylether  
Concen: 42.63 ng  
RT: 10.79 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 248     | 100  |       |       |       |
| 250     | 95.8 | 77.1  | 115.7 |       |
| 141     | 89.9 | 50.6  | 76.0  |       |





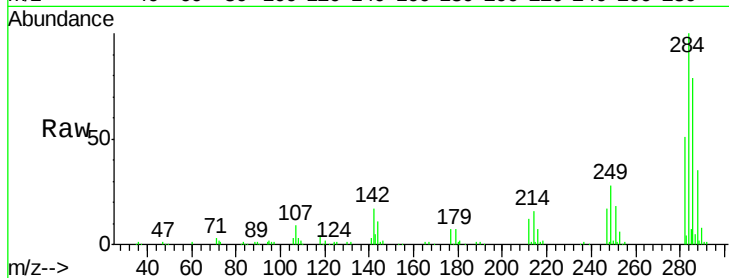
#67  
Hexachlorobenzene  
Concen: 44.01 ng  
RT: 10.86 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 17.3  | 35.8  | 53.8# |
| 249     | 27.7  | 25.8  | 38.6  |

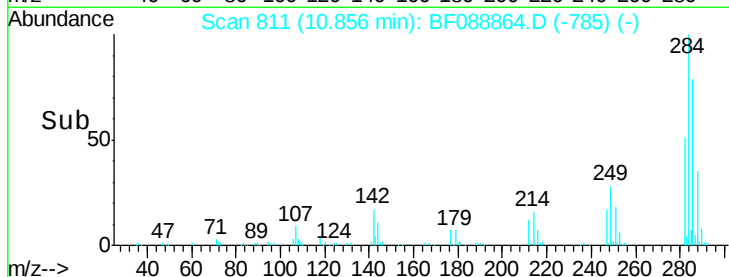
Manual Integrations

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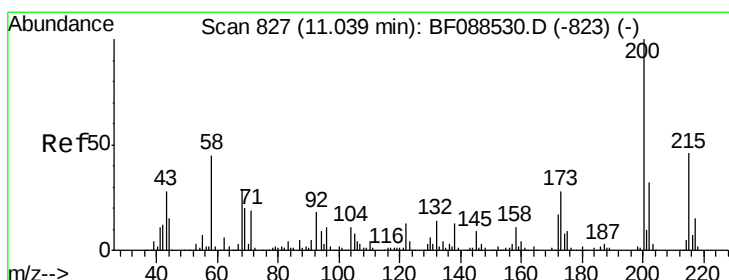


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

10.86

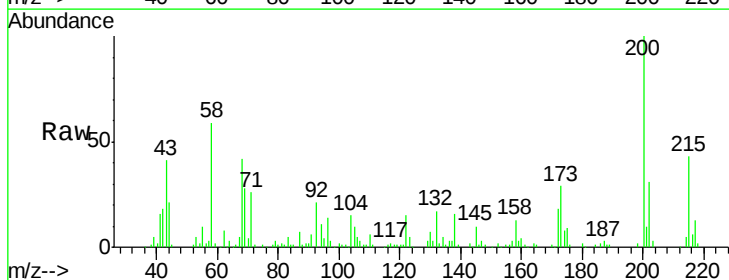


Time-->



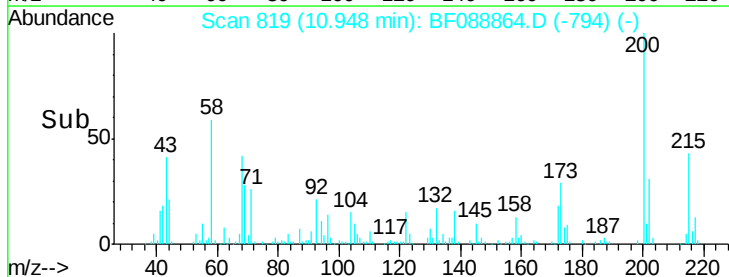
#68  
Atrazine  
Concen: 34.50 ng  
RT: 10.95 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.5  | 4.0   | 44.0  |
| 215     | 43.4  | 29.3  | 69.3  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

10.95



Time-->



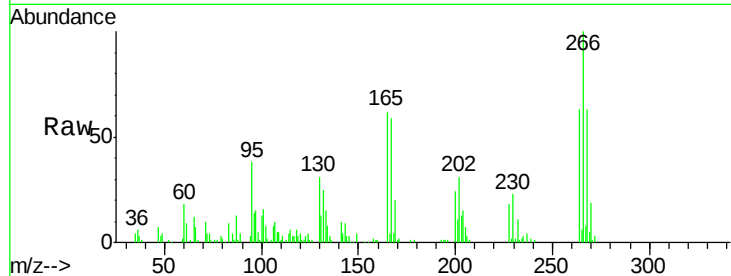
#69  
 Pentachlorophenol  
 Concen: 38.99 ng  
 RT: 11.04 min Scan# 827  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.7  | 52.8  | 79.2  |
| 264     | 63.2  | 49.6  | 74.4  |

Manual Integrations

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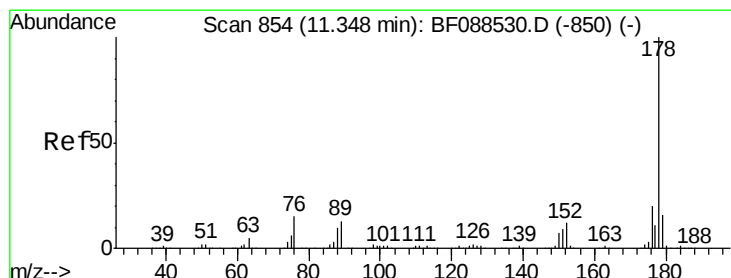
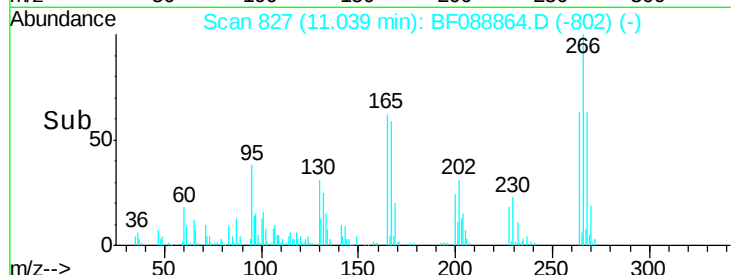
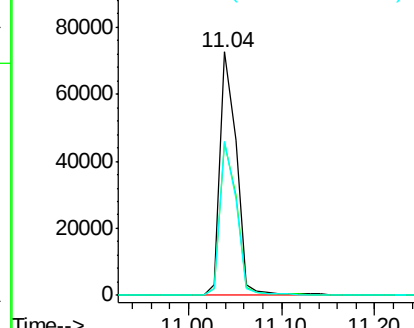


Abundance

Ion 265.70 (265.40 to 266.40): E

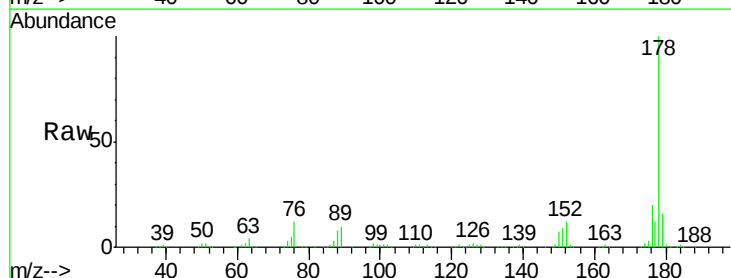
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 35.89 ng  
 RT: 11.26 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.8  | 23.6  |
| 179     | 16.0  | 13.0  | 19.4  |

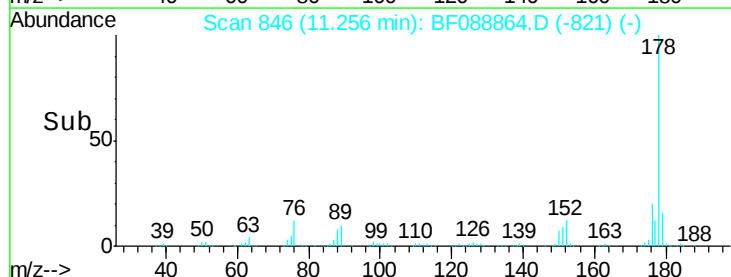
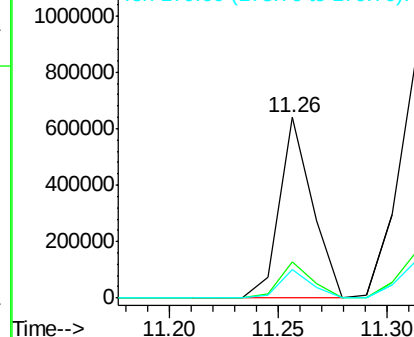


Abundance

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





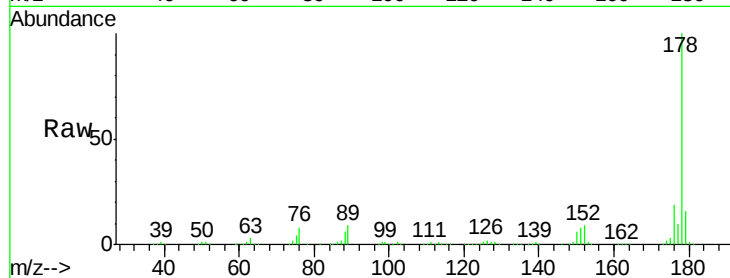
#71  
 Anthracene  
 Concen: 43.16 ng  
 RT: 11.31 min Scan# 851  
 Delta R.T. -0.00 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

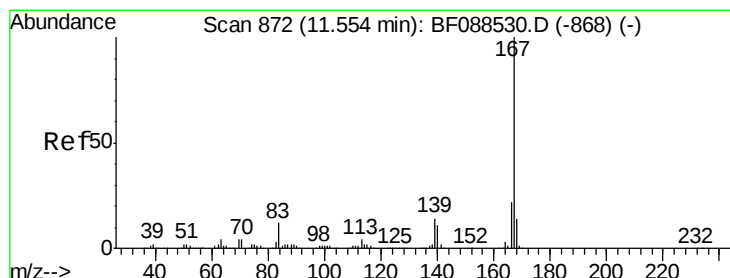
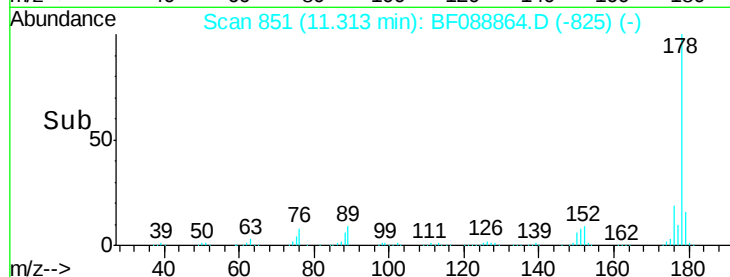
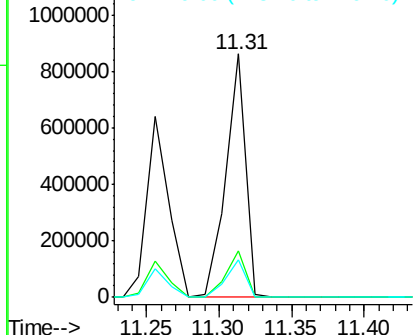
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.6  | 23.4  |
| 179     | 15.6  | 12.8  | 19.2  |

Manual Integrations

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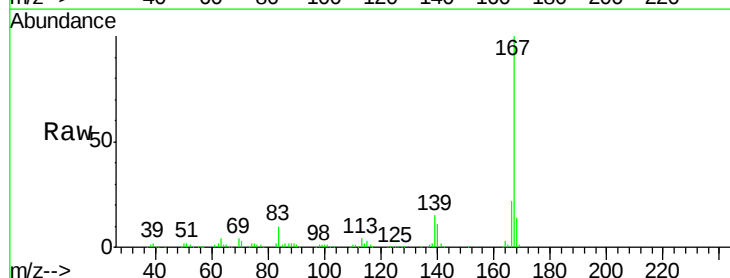


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

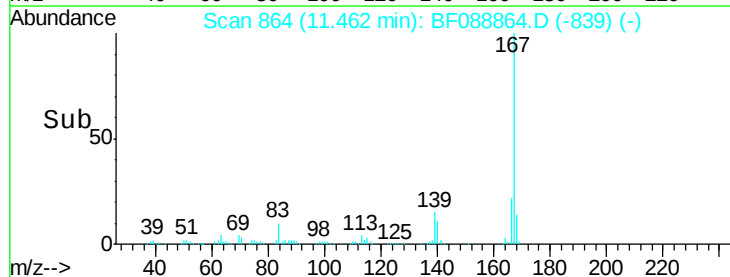
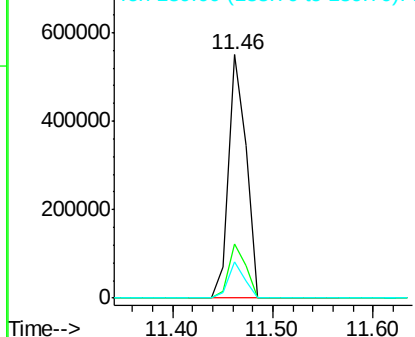


#72  
 Carbazole  
 Concen: 37.63 ng  
 RT: 11.46 min Scan# 864  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.8  | 26.6  |
| 139     | 14.9  | 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: 38.53 ng

RT: 11.80 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

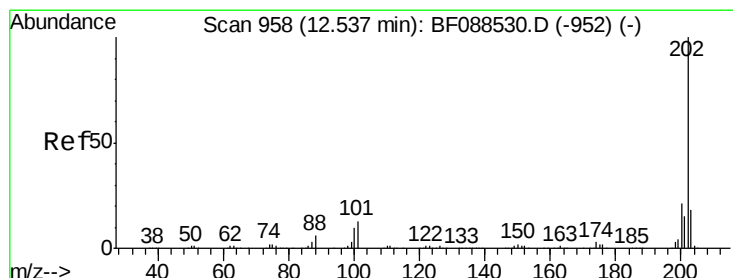
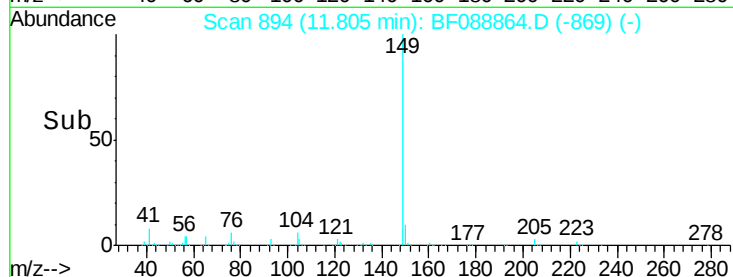
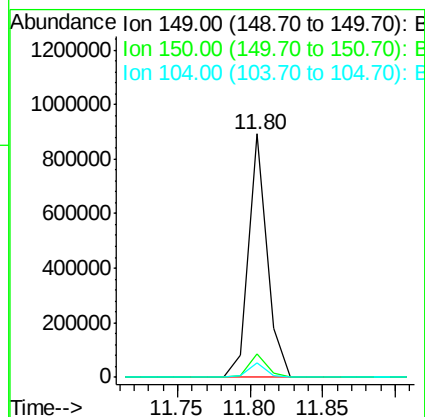
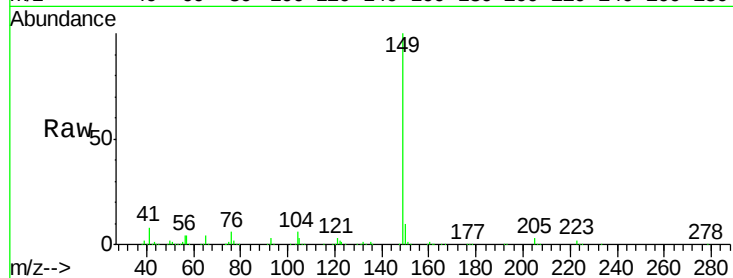
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 793934 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.7   | 7.8   | 11.6   |
| 104       | 5.8   | 4.0   | 6.0    |

Manual Integrations

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7/11/2016 7:15:27 PM



#74

Fluoranthene

Concen: 43.92 ng

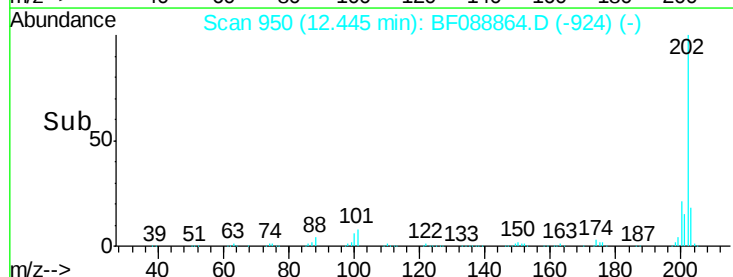
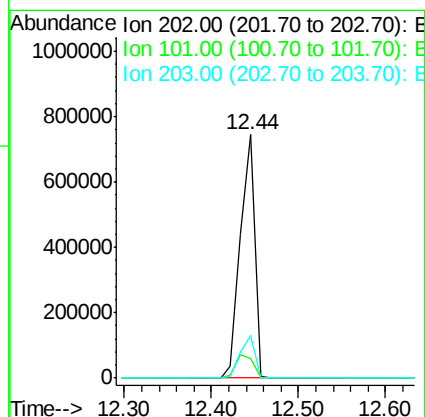
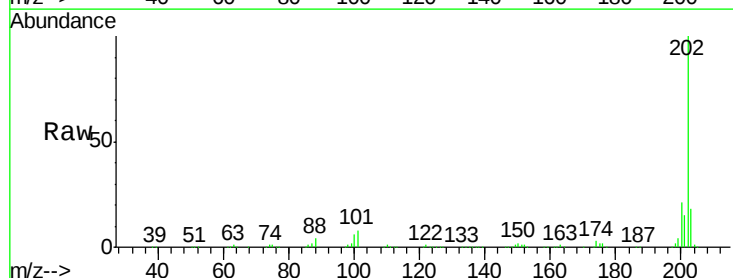
RT: 12.44 min Scan# 950

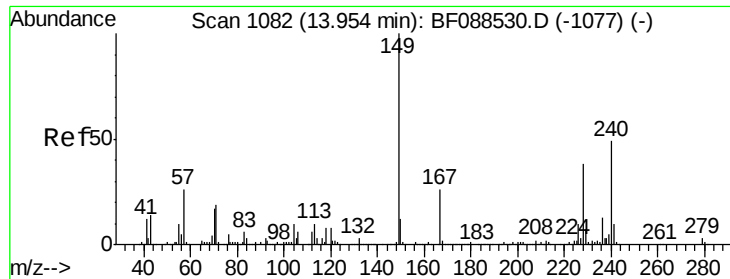
Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 842884 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 8.3   | 0.0   | 33.1   |
| 203       | 17.7  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

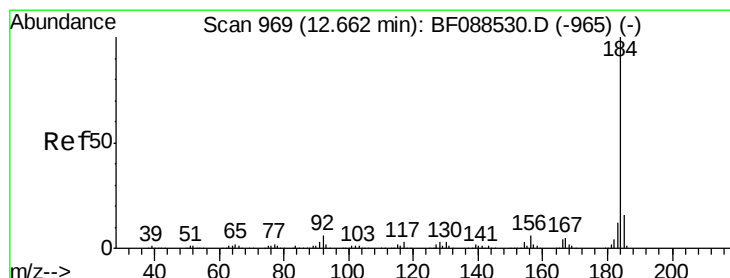
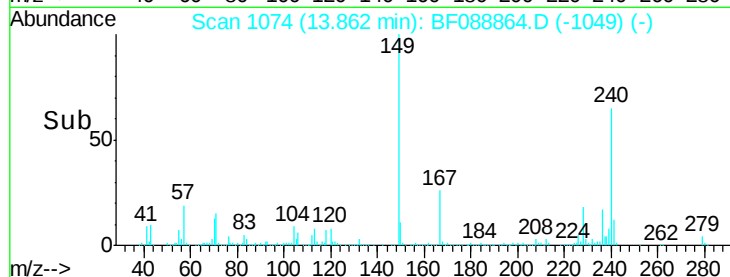
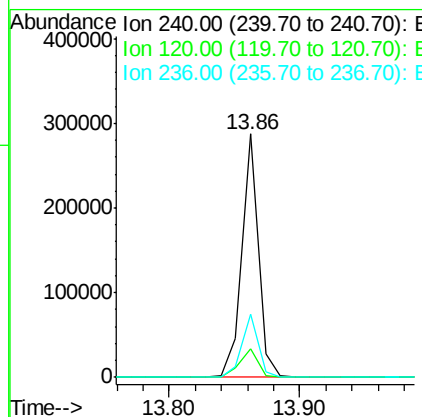
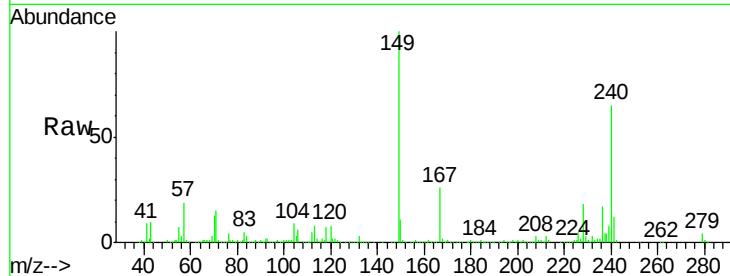
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 250866 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.9  | 6.8   | 10.2#  |
| 236       | 25.9  | 20.2  | 30.2   |

Manual Integrations

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7/11/2016 7:15:27 PM



#76

Benzidine

Concen: 41.34 ng

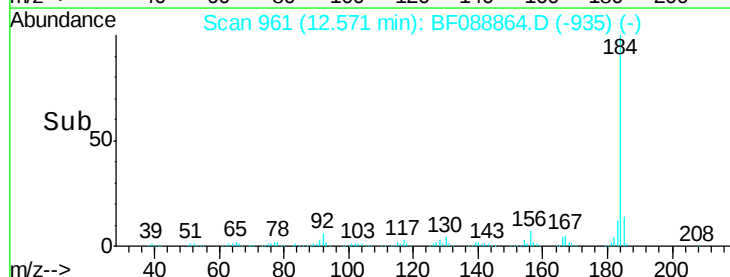
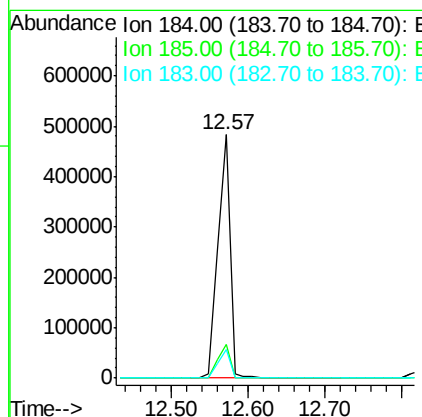
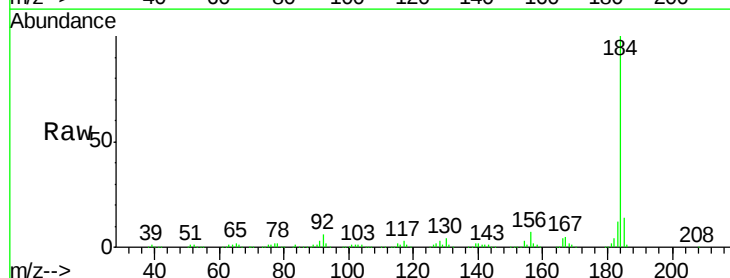
RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 524138 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 12.5  | 18.7   |
| 183       | 12.0  | 9.3   | 13.9   |





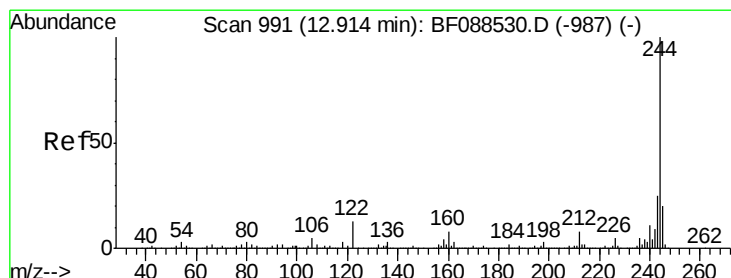
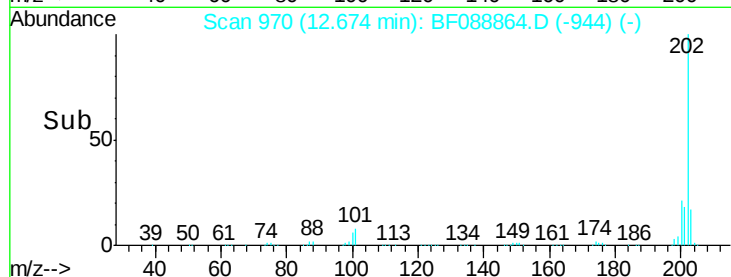
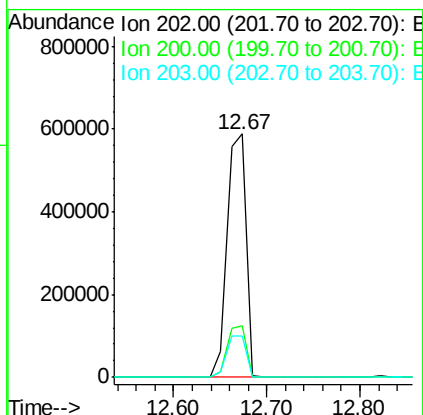
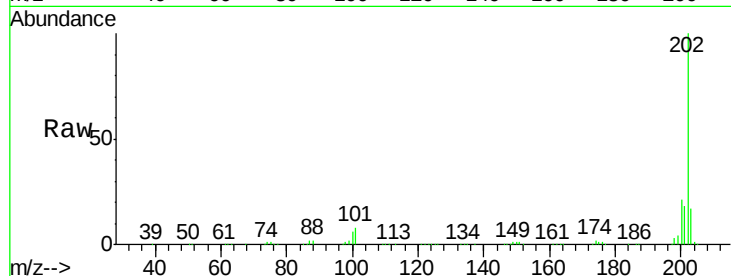
#77  
Pvrene  
Concen: 39.26 ng  
RT: 12.67 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 17.4  | 26.2  |
| 203     | 17.0  | 14.5  | 21.7  |

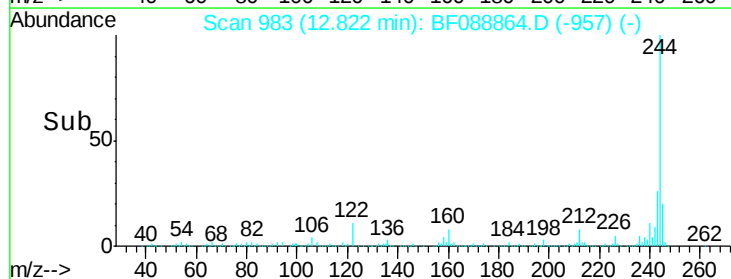
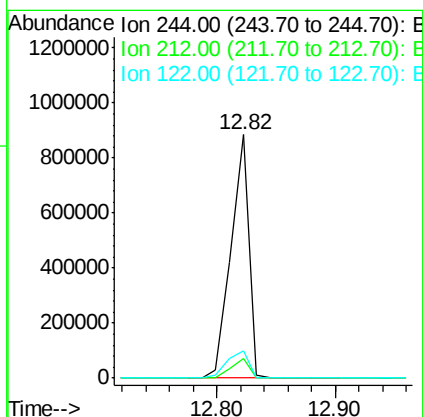
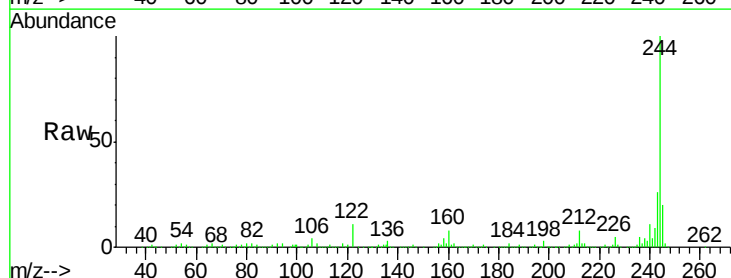
Manual Integrations

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#78  
Terphenyl-d14  
Concen: 82.41 ng  
RT: 12.82 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.9   | 6.0   | 9.0   |
| 122     | 11.3  | 11.2  | 16.8  |





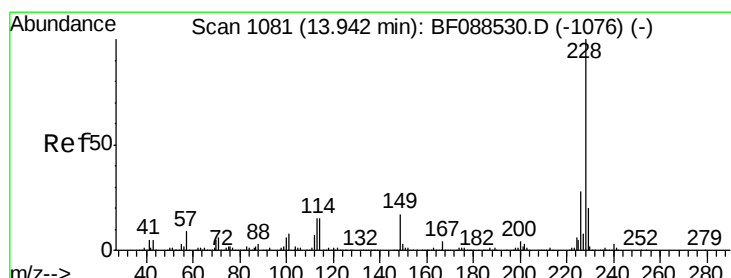
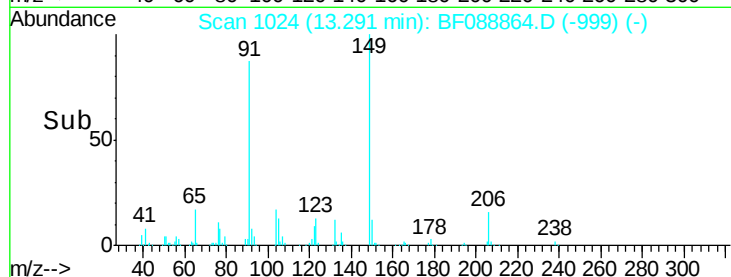
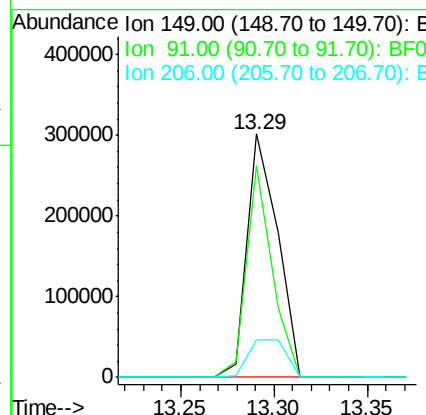
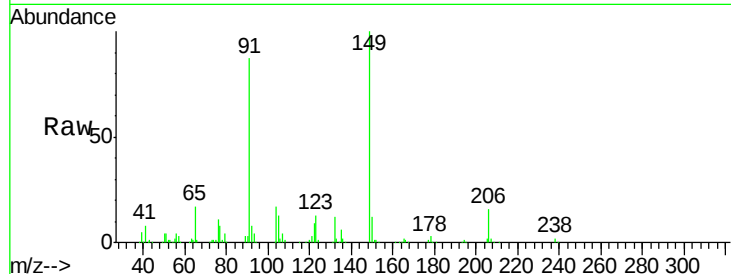
#79  
Butylbenzylphthalate  
Concen: 36.05 ng  
RT: 13.29 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 86.8  | 48.0  | 72.0# |
| 206     | 15.7  | 16.0  | 24.0# |

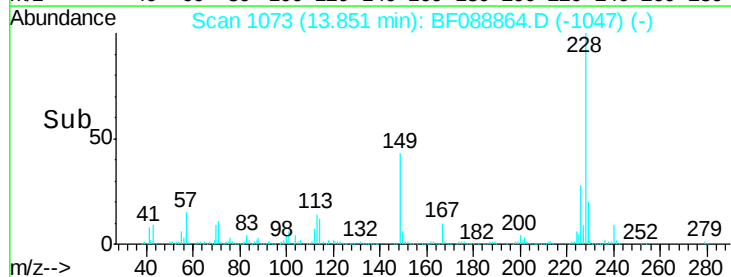
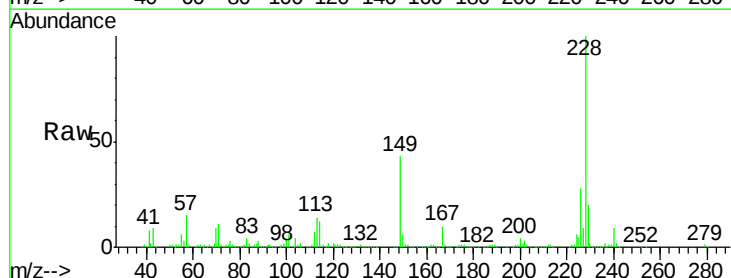
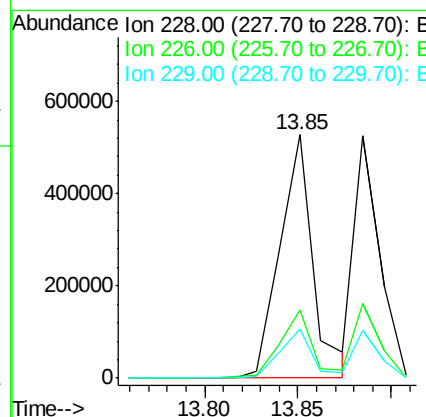
Manual Integrations

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#80  
Benzo(a)anthracene  
Concen: 40.21 ng  
RT: 13.85 min Scan# 1073  
Delta R.T. -0.00 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 22.3  | 33.5  |
| 229     | 20.0  | 16.0  | 24.0  |





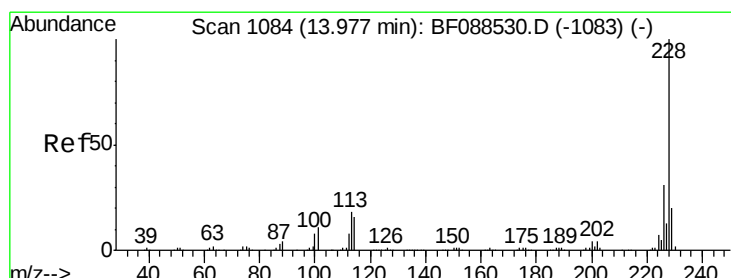
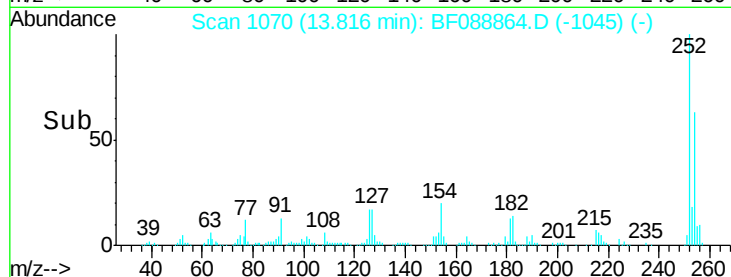
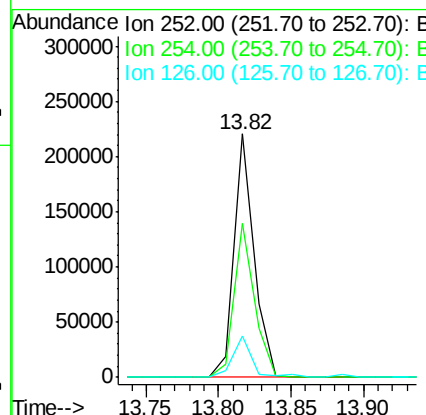
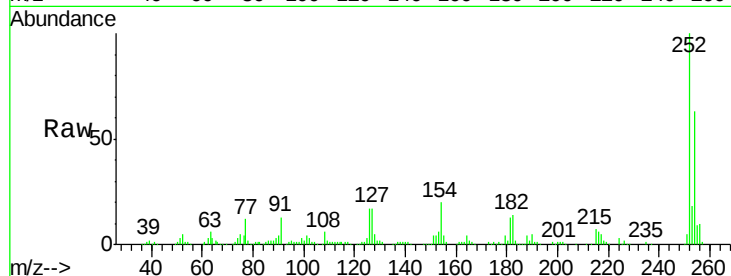
#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.87 ng  
 RT: 13.82 min Scan# 1070  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.2  | 52.6  | 78.8  |
| 126     | 16.9  | 6.2   | 9.2   |

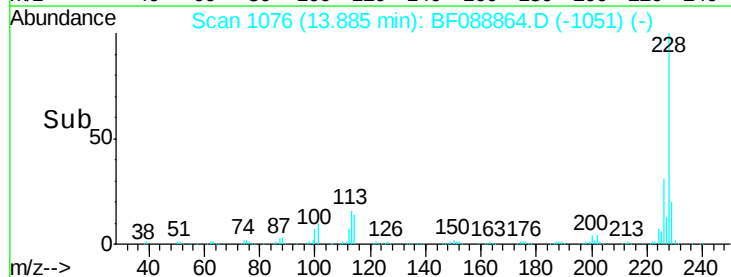
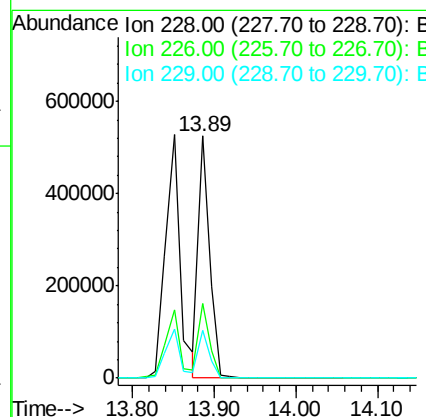
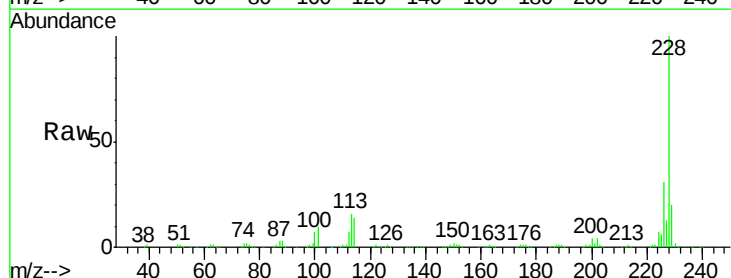
Manual Integrations

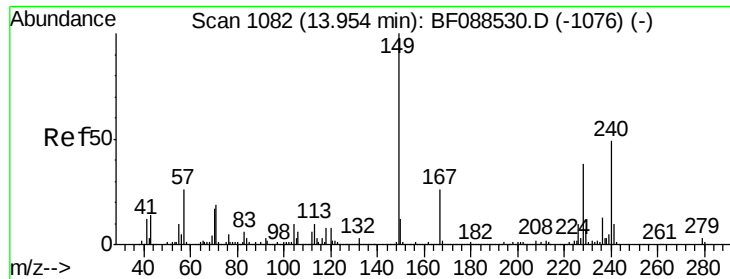
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#82  
 Chrysene  
 Concen: 31.69 ng  
 RT: 13.89 min Scan# 1076  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 25.4  | 38.2  |
| 229     | 19.7  | 16.3  | 24.5  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.68 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 473199

Ion Ratio Lower Upper

149 100

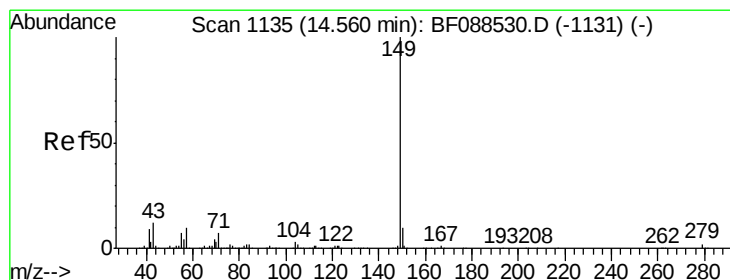
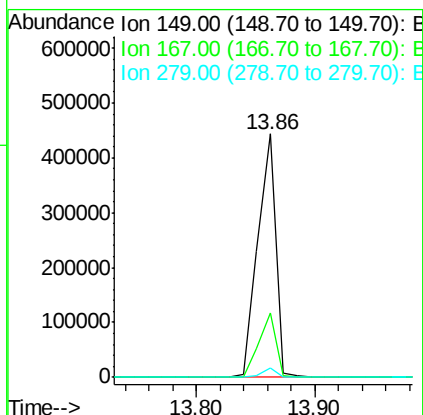
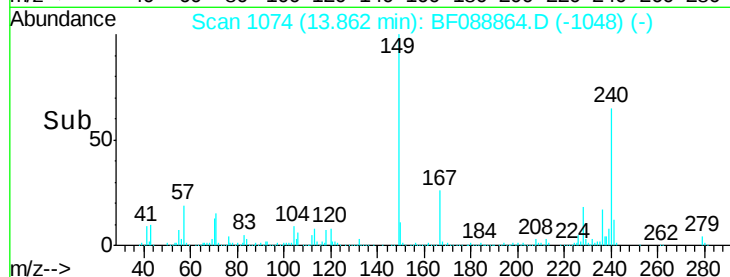
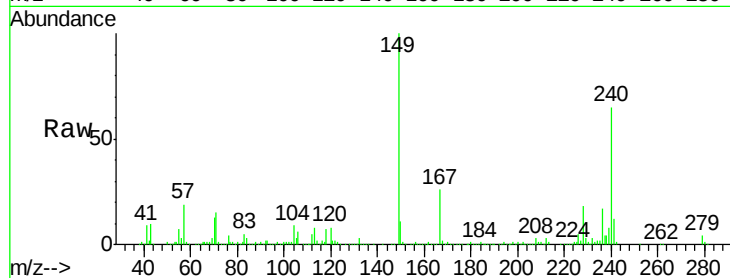
167 26.3 20.5 30.7

279 4.0 2.0 3.0#

Manual Integrations

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7/11/2016 7:15:27 PM



#84

Di-n-octyl phthalate

Concen: 42.31 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

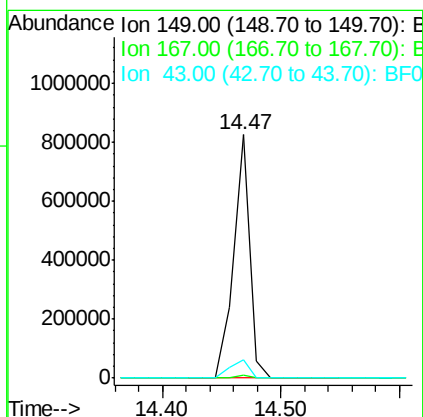
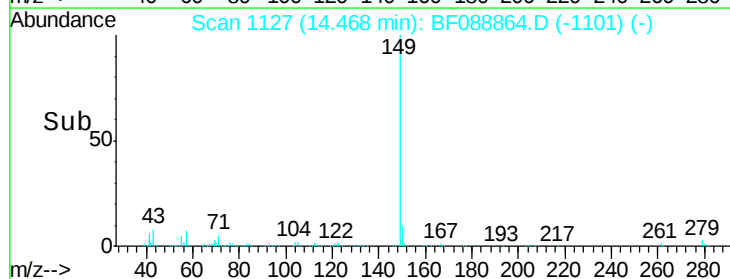
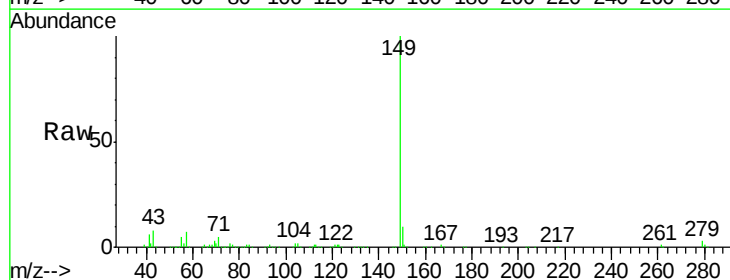
Tgt Ion:149 Resp: 778517

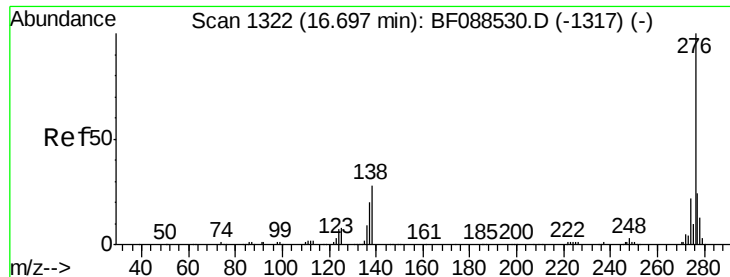
Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 9.0 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.19 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 481866

Ion Ratio Lower Upper

276 100

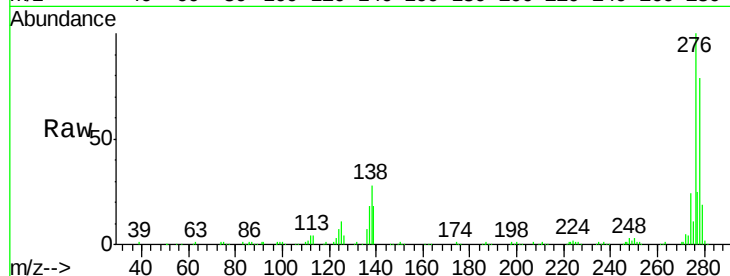
138 27.4 0.0 0.0#

277 25.0 0.0 0.0#

Manual Integrations

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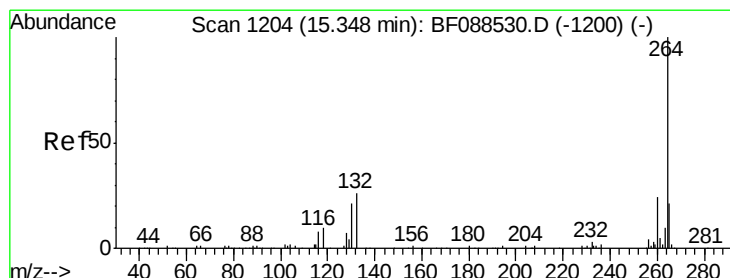
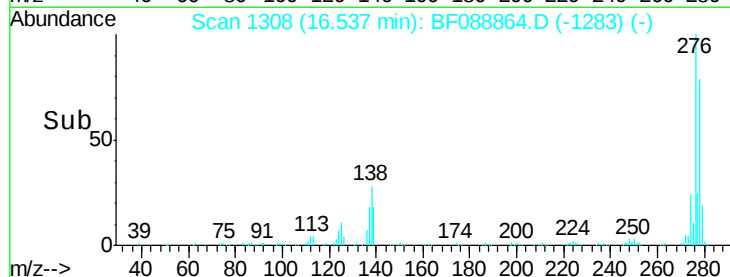
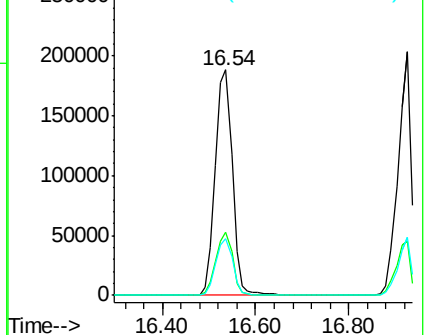
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

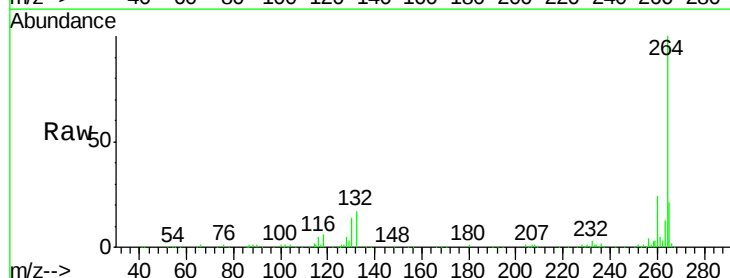
Tgt Ion:264 Resp: 223499

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

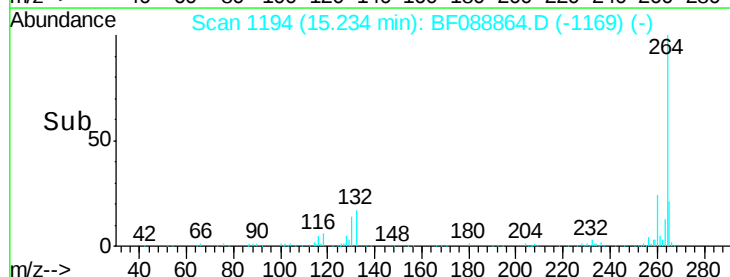
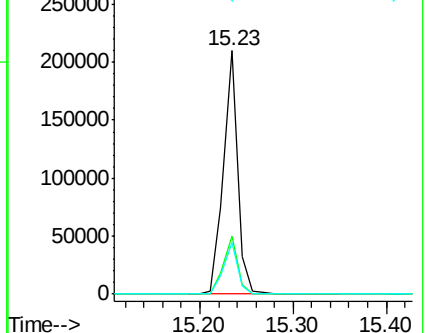
265 21.4 16.9 25.3

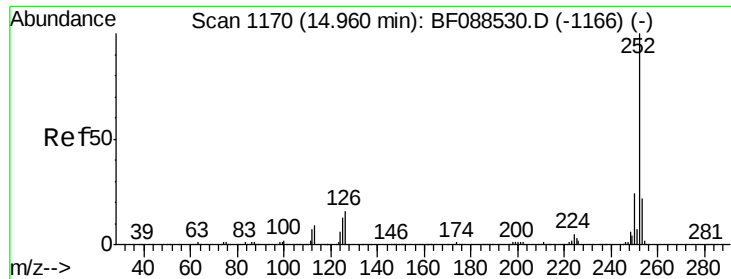


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.19 ng m

RT: 14.86 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 577548

Ion Ratio Lower Upper

252 100

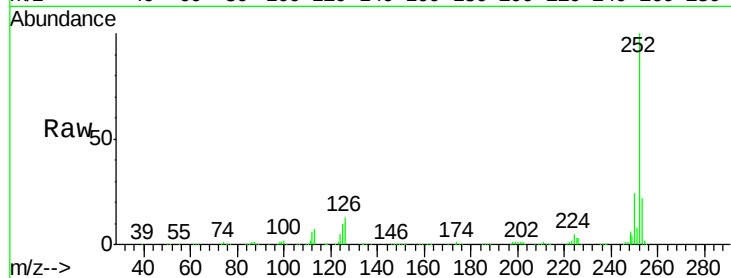
253 21.5 17.4 26.2

125 9.9 7.1 10.7

Manual Integrations

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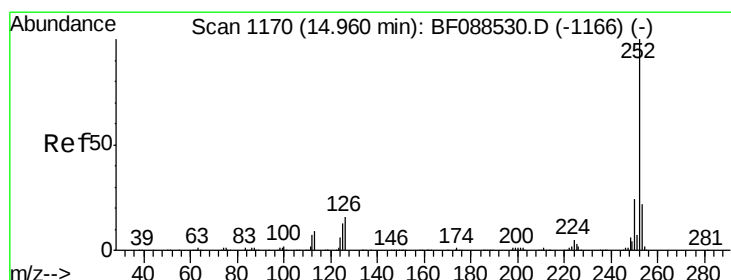
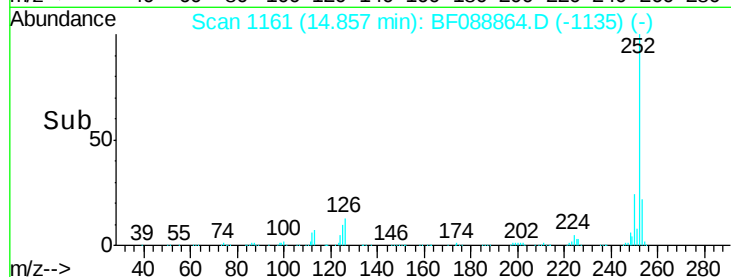
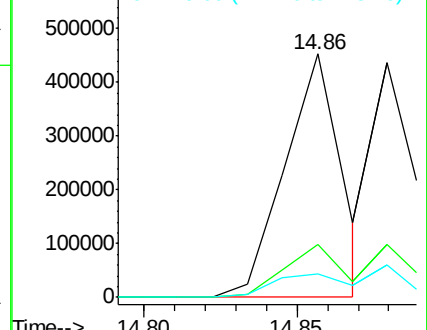
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.44 ng m

RT: 14.88 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF088864.D

Acq: 9 Jul 2016 11:40

Tgt Ion:252 Resp: 432588

Ion Ratio Lower Upper

252 100

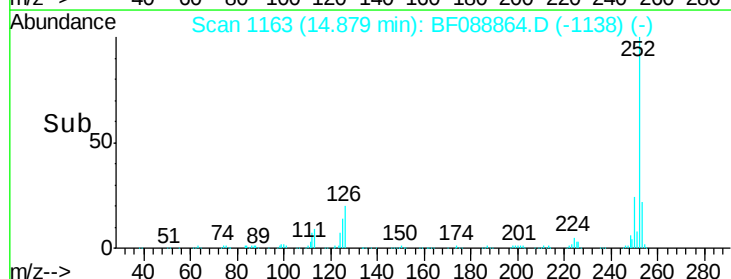
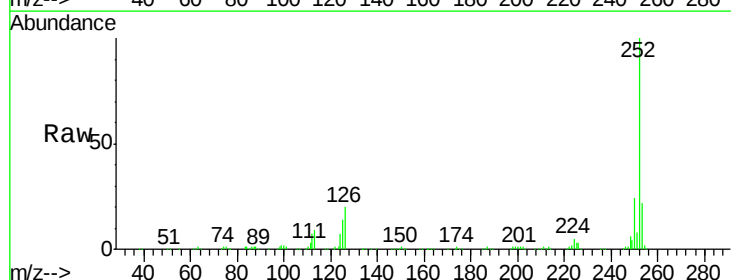
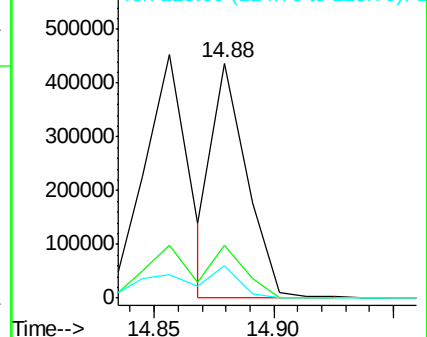
253 22.5 18.0 27.0

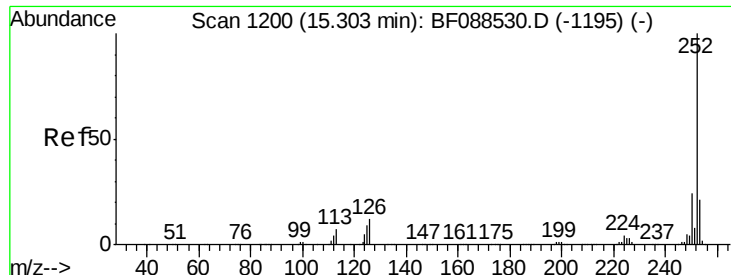
125 13.8 11.2 16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





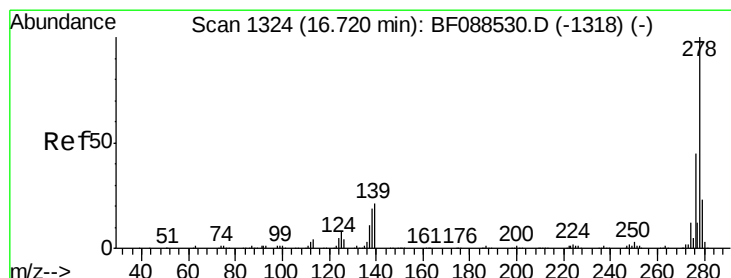
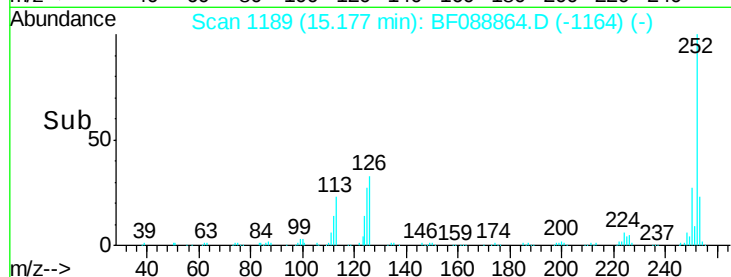
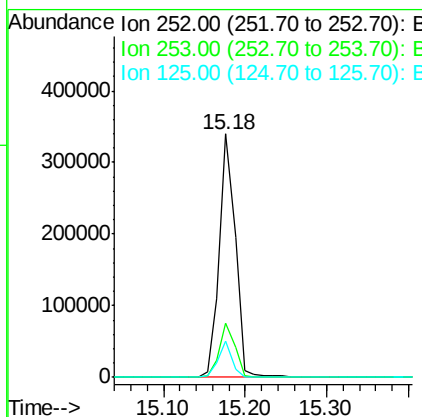
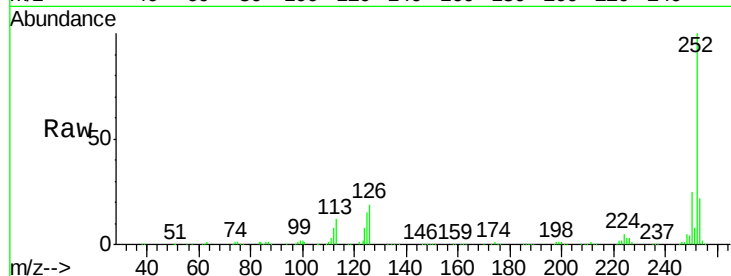
#89  
Benzo(a)pyrene  
Concen: 39.16 ng  
RT: 15.18 min Scan# 1189  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.9  | 26.9  |
| 125     | 15.1  | 12.5  | 18.7  |

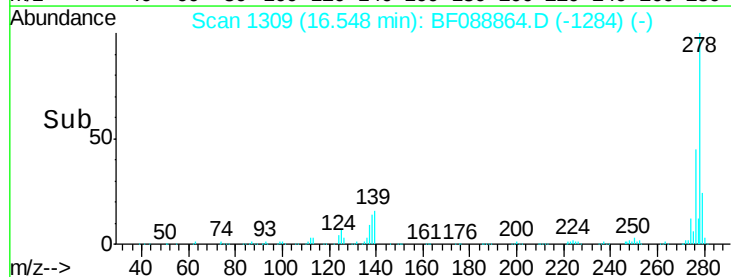
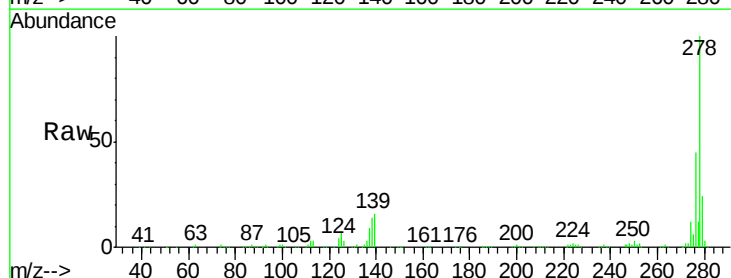
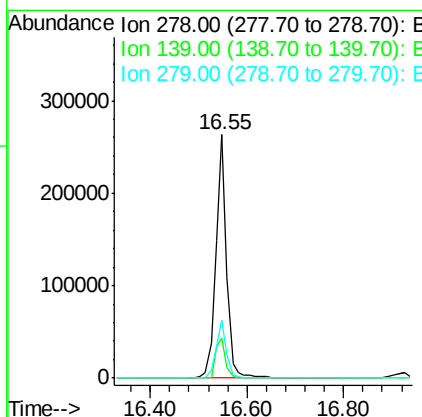
Manual Integrations

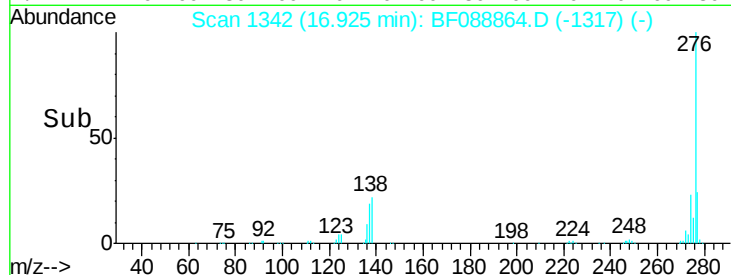
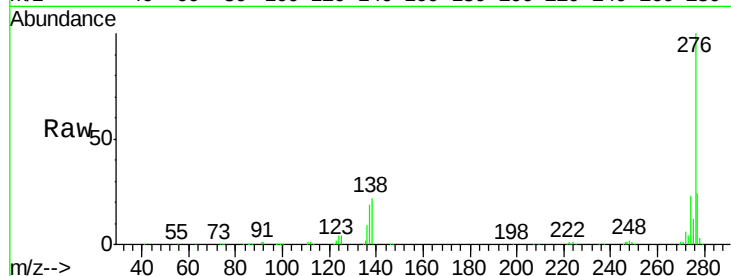
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7/11/2016 7:15:27 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 41.88 ng  
RT: 16.55 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BF088864.D  
Acq: 9 Jul 2016 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.4  | 15.7  | 23.5  |
| 279     | 23.7  | 19.4  | 29.2  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.13 ng  
 RT: 16.93 min Scan# 1342  
 Delta R.T. -0.01 min  
 Lab File: BF088864.D  
 Acq: 9 Jul 2016 11:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 411679 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 18.9  | 28.3   |
| 138       | 22.5  | 21.4  | 32.2   |

Manual Integrations

sohil  
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