

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\  
 Data File : BF085088.D  
 Acq On : 17 Feb 2016 15:09  
 Operator : SJ/IZ  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Sohil  
 2/19/2016 7:57:10 AM

Quant Time: Feb 17 16:36:47 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 17 15:24:46 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.99  | 152  | 218782   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.28  | 136  | 881556   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.04 | 164  | 405595   | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 11.52 | 188  | 790450   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 679460   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.63 | 264  | 575892   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 1773022 | 141.70 | ng | 0.01 |
| 7) Phenol-d6             | 6.63  | 99  | 2356593 | 141.32 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.56  | 82  | 2332291 | 156.23 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.83 | 330 | 731800  | 174.69 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 0.00  | 172 | 0d      | 0.00   | ng |      |
| 78) Terphenyl-d14        | 13.11 | 244 | 3159009 | 95.69  | ng | 0.00 |

## Target Compounds

|                                |      |     |          |        |    | Qvalue |
|--------------------------------|------|-----|----------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.71 | 88  | 484858   | 94.06  | ng | 89     |
| 3) Pyridine                    | 3.48 | 79  | 1307577  | 108.59 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.46 | 42  | 607874   | 98.11  | ng | 89     |
| 6) Aniline                     | 6.67 | 93  | 1732952  | 100.58 | ng | # 70   |
| 8) 2-Chlorophenol              | 6.79 | 128 | 1139548  | 74.09  | ng | 92     |
| 10) Phenol                     | 6.64 | 94  | 1371714m | 70.33  | ng |        |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 1149766  | 62.79  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 1195971m | 78.19  | ng |        |
| 13) 1,4-Dichlorobenzene        | 7.02 | 146 | 1102412  | 64.77  | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.18 | 146 | 1094922  | 68.44  | ng | 98     |
| 15) Benzyl Alcohol             | 7.14 | 79  | 897920   | 88.12  | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.28 | 45  | 1633762  | 63.59  | ng | 97     |
| 17) 2-Methylphenol             | 7.24 | 107 | 921992   | 82.80  | ng | # 86   |
| 18) Hexachloroethane           | 7.52 | 117 | 461470   | 73.58  | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.43 | 70  | 822085   | 78.26  | ng | 87     |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 978561   | 69.61  | ng | 93     |
| 22) Acetophenone               | 7.42 | 105 | 1466536  | 64.91  | ng | # 95   |
| 24) Nitrobenzene               | 7.59 | 77  | 1151393  | 70.59  | ng | 98     |
| 25) Isophorone                 | 7.83 | 82  | 2259784  | 84.38  | ng | 98     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 516555   | 66.07  | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.93 | 122 | 991445   | 78.38  | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.03 | 93  | 1262824  | 75.97  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 874385   | 76.05  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.23 | 180 | 1013154  | 76.45  | ng | 100    |
| 31) Naphthalene                | 8.31 | 128 | 2556887m | 59.82  | ng |        |
| 32) Benzoic acid               | 8.09 | 122 | 909780   | 163.40 | ng | 97     |
| 33) 4-Chloroaniline            | 8.35 | 127 | 1307195  | 80.63  | ng | 97     |
| 34) Hexachlorobutadiene        | 8.42 | 225 | 566081   | 76.27  | ng | 95     |
| 35) Caprolactam                | 8.75 | 113 | 310118   | 100.33 | ng | # 89   |
| 36) 4-Chloro-3-methylphenol    | 8.83 | 107 | 1044087  | 80.09  | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.99 | 142 | 1768362  | 64.86  | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.16 | 216 | 994614   | 75.90  | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 9.15 | 237 | 605928   | 139.01 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 9.27 | 196 | 716882   | 99.20  | ng | 94     |

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

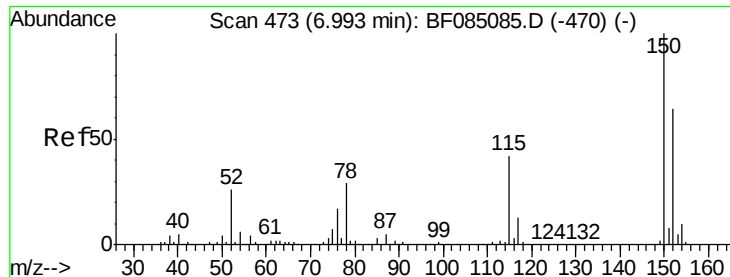
Sohil  
 2/19/2016 7:57:10 AM

Quant Time: Feb 17 16:36:47 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.31  | 196  | 700472   | 83.31  | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 9.46  | 154  | 2047481  | 55.50  | nq    | 91       |
| 46) 2-Chloronaphthalene        | 9.48  | 162  | 1770016  | 67.71  | nq    | 95       |
| 48) Acenaphthylene             | 9.91  | 152  | 2939797  | 70.83  | nq    | # 93     |
| 49) Dimethylphthalate          | 9.77  | 163  | 2313228  | 76.07  | nq    | # 96     |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165  | 578940   | 92.79  | nq    | # 83     |
| 51) Acenaphthene               | 10.08 | 154  | 1849117  | 73.68  | nq    | 97       |
| 52) 3-Nitroaniline             | 10.00 | 138  | 609901   | 87.99  | nq    | # 78     |
| 54) Dibenzofuran               | 10.25 | 168  | 2489477  | 74.16  | nq    | 97       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 439066   | 98.73  | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.23 | 165  | 700159   | 82.39  | nq    | 95       |
| 57) Fluorene                   | 10.59 | 166  | 1920104  | 66.70  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.36 | 232  | 558933   | 84.04  | nq    | 93       |
| 59) Diethylphthalate           | 10.47 | 149  | 2237804  | 74.26  | nq    | # 92     |
| 60) 4-Chlorophenyl-phenylether | 10.58 | 204  | 1013480  | 73.47  | nq    | 94       |
| 61) 4-Nitroaniline             | 10.62 | 138  | 562488   | 88.32  | nq    | 95       |
| 62) Azobenzene                 | 10.74 | 77   | 2262190  | 77.92  | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.64 | 198  | 401549   | 95.39  | nq    | # 69     |
| 65) n-Nitrosodiphenylamine     | 10.70 | 169  | 1727943  | 68.85  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.07 | 248  | 756935   | 85.97  | nq    | # 89     |
| 67) Hexachlorobenzene          | 11.14 | 284  | 776750   | 82.51  | nq    | # 72     |
| 68) Atrazine                   | 11.22 | 200  | 494394   | 67.97  | nq    | 94       |
| 69) Pentachlorophenol          | 11.32 | 266  | 507847   | 140.31 | nq    | 95       |
| 70) Phenanthrene               | 11.55 | 178  | 2851537  | 65.42  | nq    | 94       |
| 71) Anthracene                 | 11.60 | 178  | 2555970  | 56.12  | nq    | # 92     |
| 72) Carbazole                  | 11.75 | 167  | 2610016  | 69.21  | nq    | 96       |
| 73) Di-n-butylphthalate        | 12.08 | 149  | 2695446  | 54.45  | nq    | # 95     |
| 74) Fluoranthene               | 12.73 | 202  | 3132920  | 72.14  | nq    | 91       |
| 76) Benzidine                  | 12.86 | 184  | 1365196  | 114.11 | nq    | # 92     |
| 77) Pyrene                     | 12.97 | 202  | 3257512  | 59.94  | nq    | 94       |
| 79) Butylbenzylphthalate       | 13.58 | 149  | 1286752  | 56.29  | nq    | 94       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 2661543  | 67.65  | nq    | 92       |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 1032688  | 90.31  | nq    | 99       |
| 82) Chrysene                   | 14.19 | 228  | 2686955  | 70.42  | nq    | 92       |
| 83) Bis(2-ethylhexyl)phthalate | 14.14 | 149  | 1747684  | 58.16  | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 3045141  | 71.32  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.13 | 276  | 2479165  | 78.20  | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 15.21 | 252  | 2981486  | 78.97  | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.23 | 252  | 2065715m | 68.49  | nq    |          |
| 89) Benzo(a)pyrene             | 15.58 | 252  | 2327003  | 72.88  | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 17.14 | 278  | 2003574  | 66.11  | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.58 | 276  | 2002287  | 63.63  | nq    | 97       |

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





#1

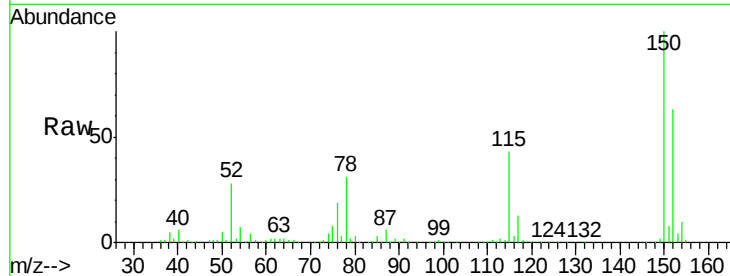
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.99 min Scan# 473  
Delta R.T. -0.00 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

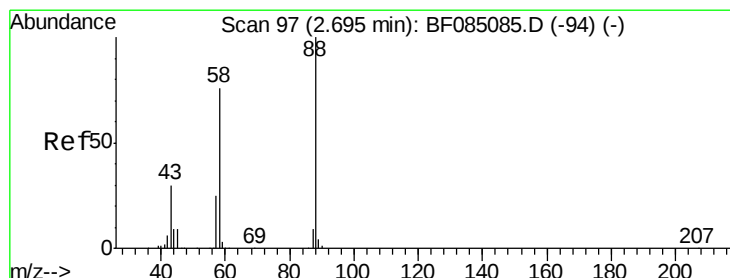
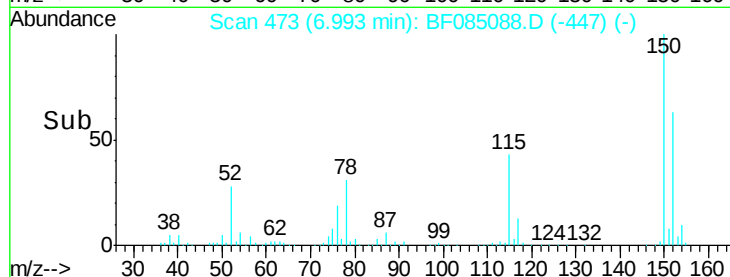
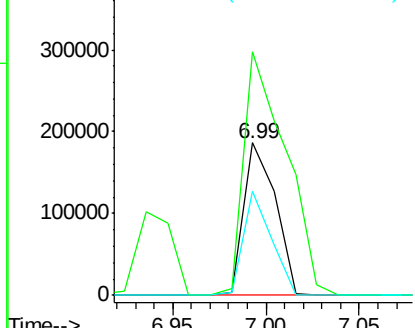
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.5 | 127.4 | 191.2 |
| 115     | 68.4  | 50.5  | 75.7  |

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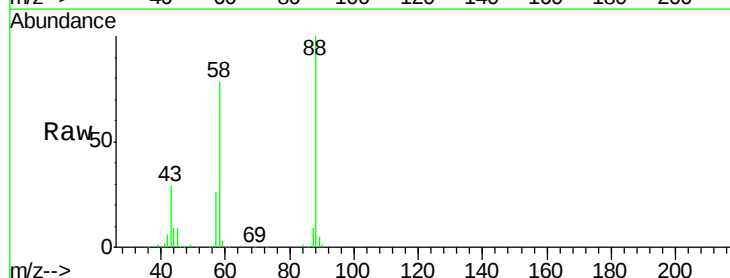
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



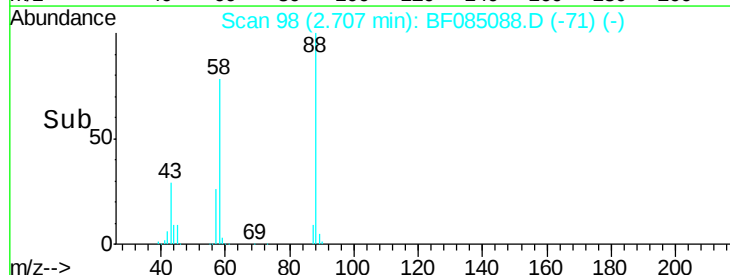
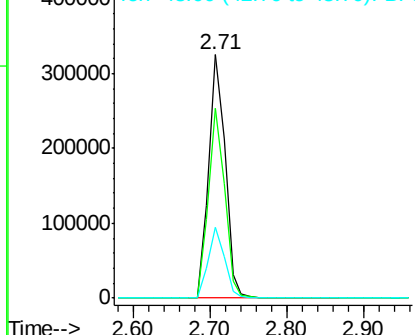
#2

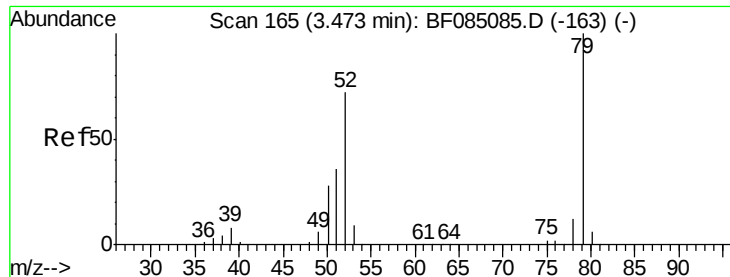
1,4-Dioxane  
Concen: 94.06 ng  
RT: 2.71 min Scan# 98  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.7  | 70.9  | 106.3 |
| 43      | 28.6  | 25.9  | 38.9  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 108.59 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 1307577

Ion Ratio Lower Upper

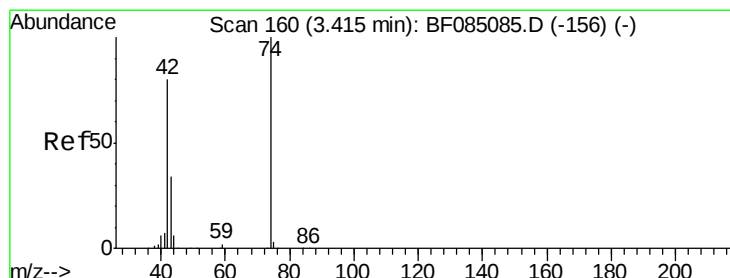
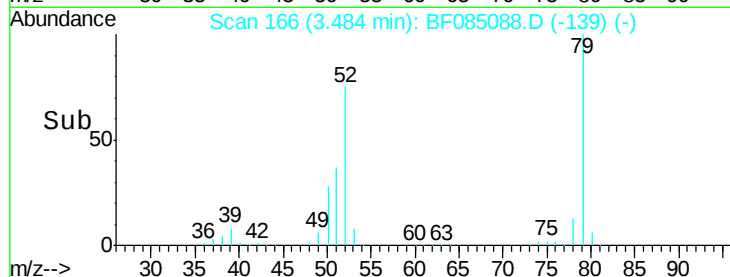
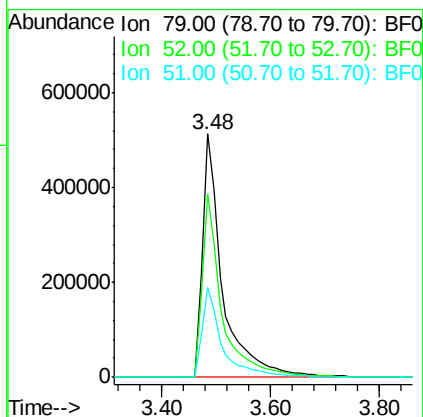
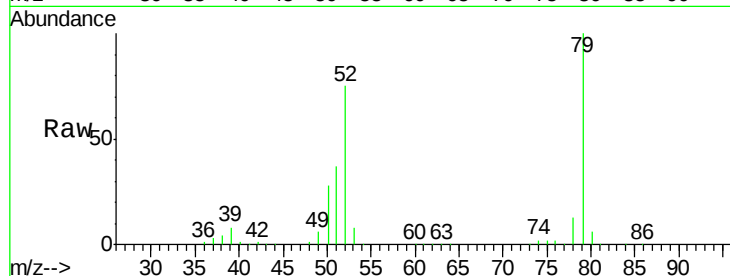
79 100

52 75.3 67.1 100.7

51 37.0 32.7 49.1

Manual Integrations  
APPROVED

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#4

n-Nitrosodimethylamine

Concen: 98.11 ng

RT: 3.46 min Scan# 164

Delta R.T. 0.05 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

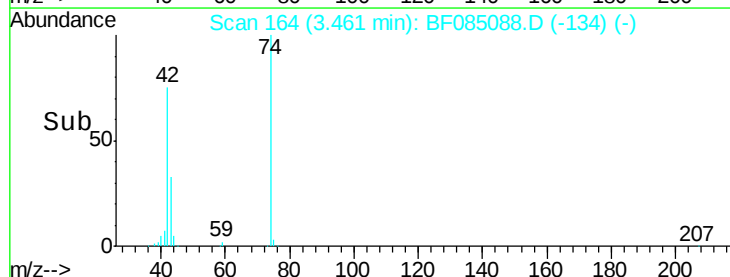
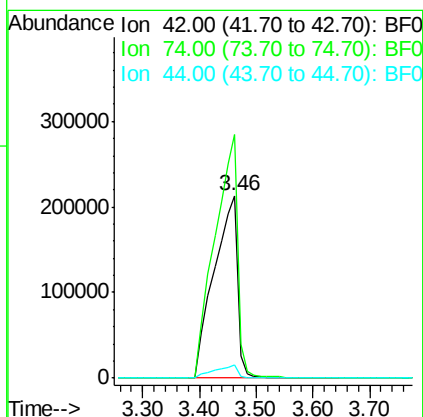
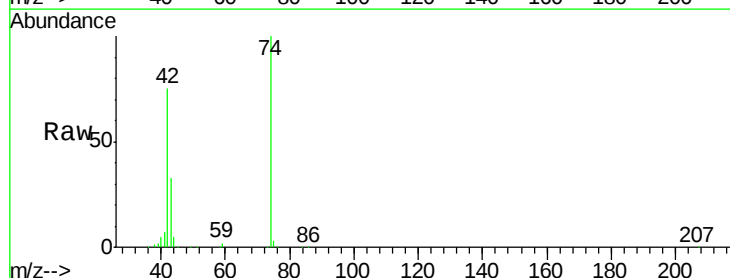
Tgt Ion: 42 Resp: 607874

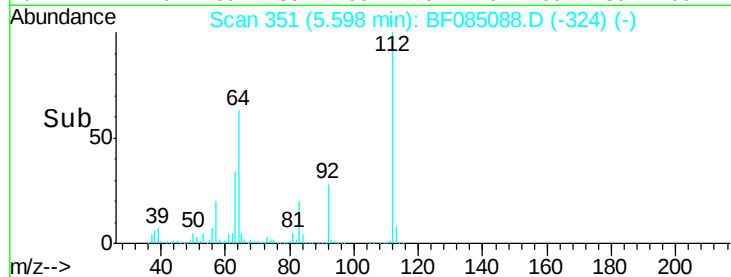
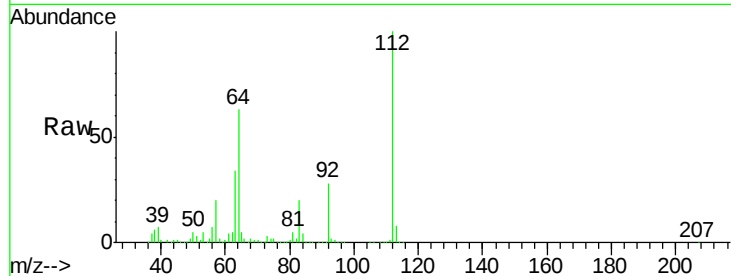
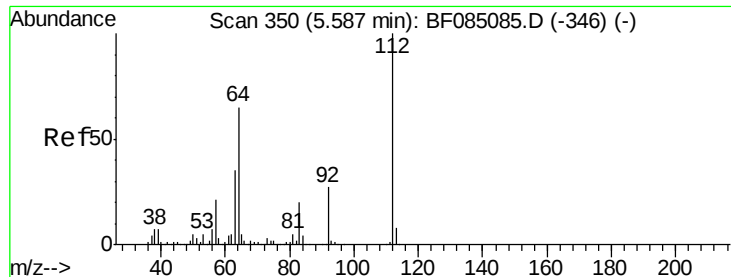
Ion Ratio Lower Upper

42 100

74 133.5 96.2 144.4

44 7.0 7.0 10.4





#5

2-Fluorophenol

Concen: 141.70 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085088.D

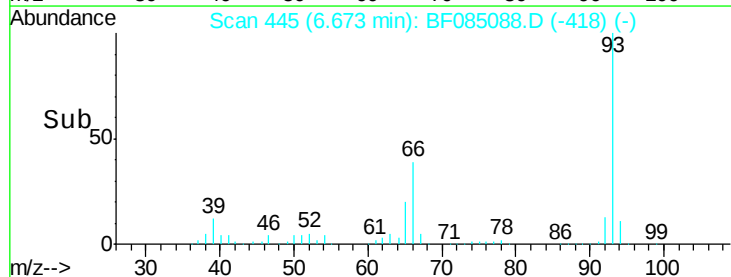
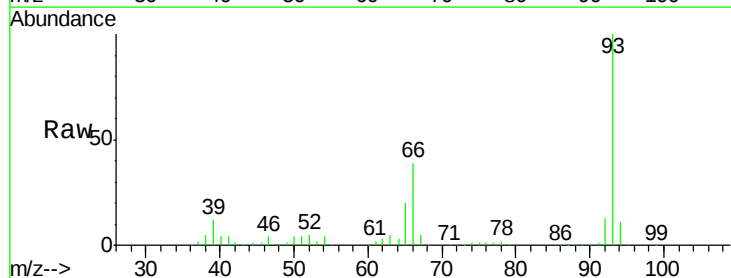
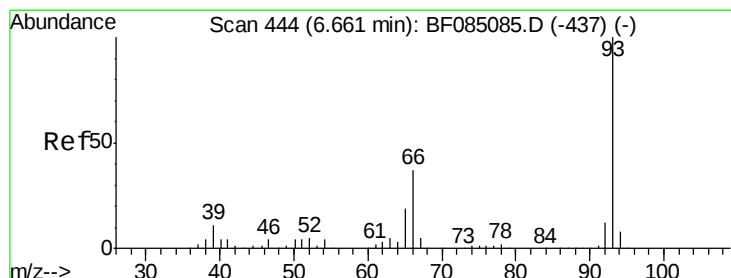
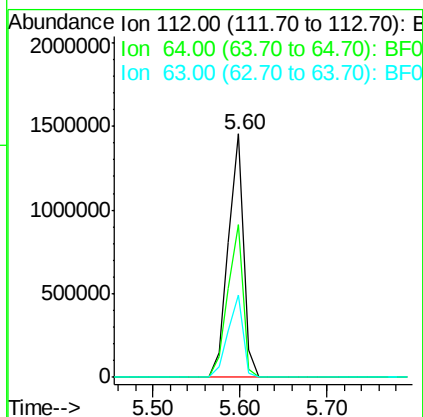
Acq: 17 Feb 2016 15:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1773022 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 63.0  | 45.4  | 68.2    |
| 63       | 33.8  | 23.2  | 34.8    |

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SSTDIC080

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#6

Aniline

Concen: 100.58 ng

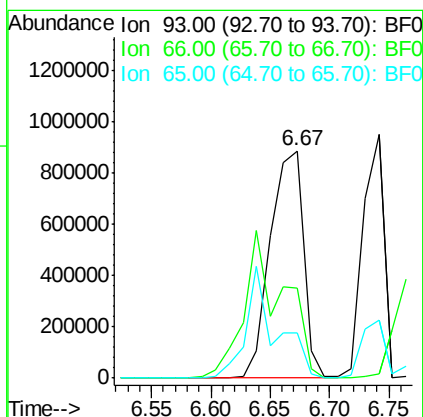
RT: 6.67 min Scan# 445

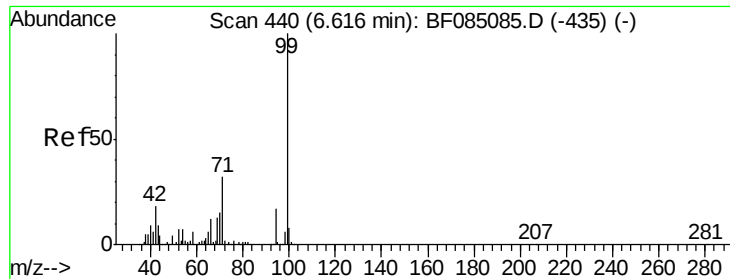
Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1732952 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 39.4  | 51.8  | 77.8#   |
| 65       | 19.9  | 28.5  | 42.7#   |





#7

Phenol-d6

Concen: 141.32 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 2356593

Ion Ratio Lower Upper

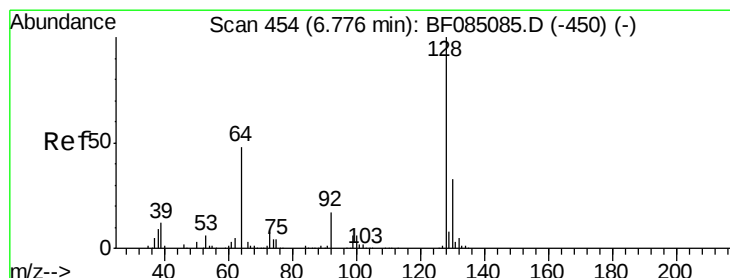
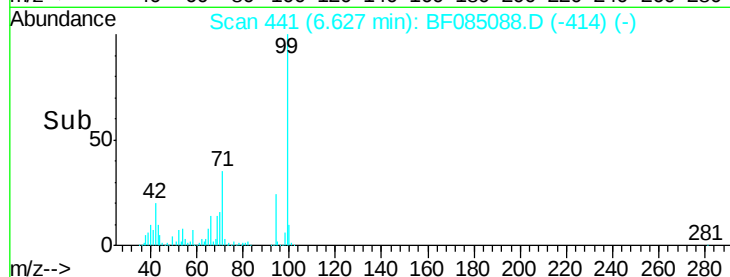
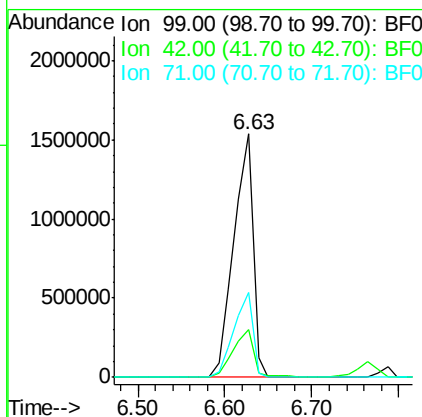
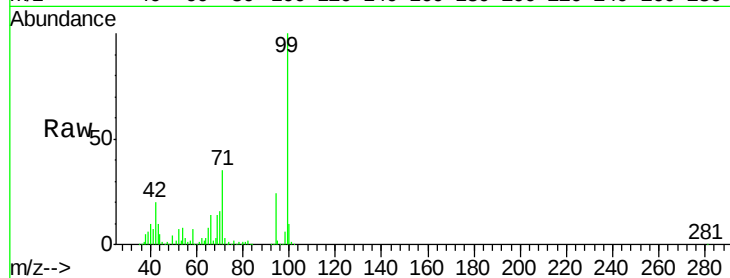
99 100

42 19.5 17.0 25.4

71 34.9 28.3 42.5

Manual Integrations  
APPROVED

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2/19/2016 7:57:10 AM



#8

2-Chlorophenol

Concen: 74.09 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

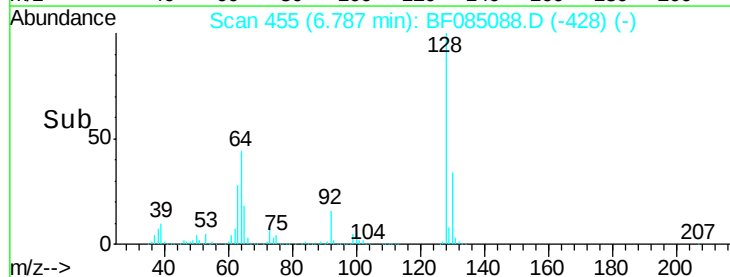
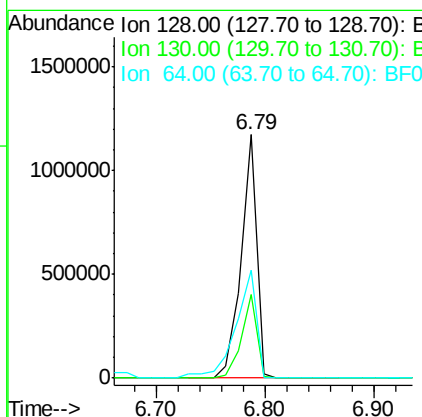
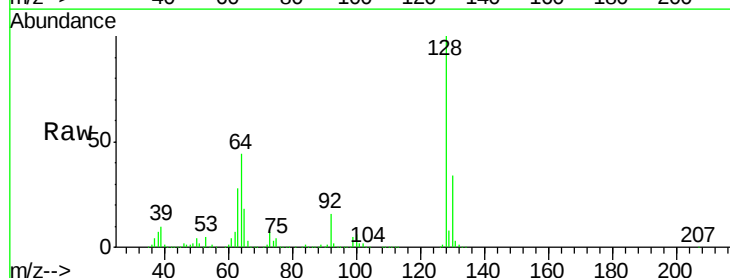
Tgt Ion:128 Resp: 1139548

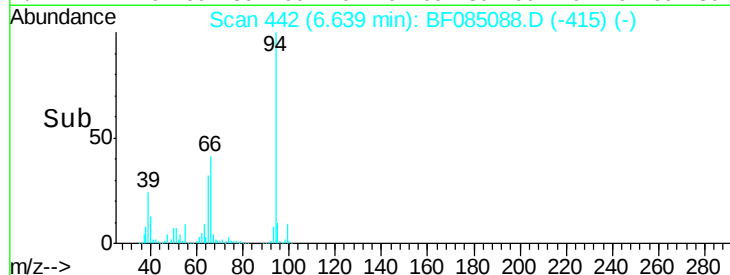
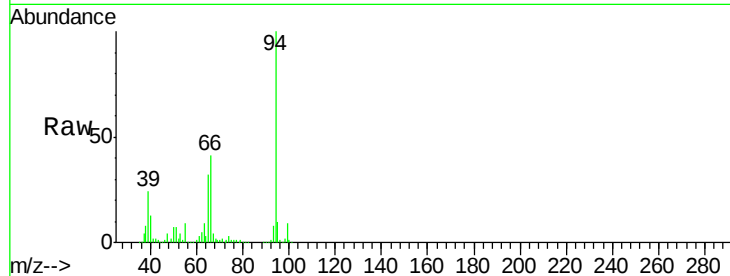
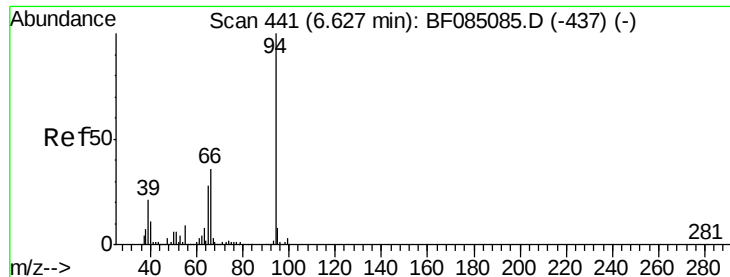
Ion Ratio Lower Upper

128 100

130 34.3 12.4 52.4

64 44.4 32.1 72.1





#10

Phenol

Concen: 70.33 ng/ml

RT: 6.64 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 94    | Resp: | 1371714 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 31.6  | 37.3  | 77.3#   |
| 66       | 41.4  | 84.1  | 124.1#  |

Instrument :

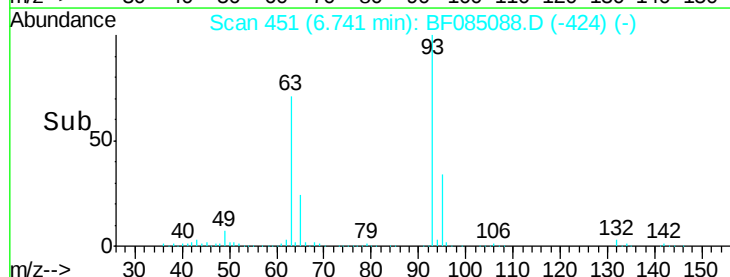
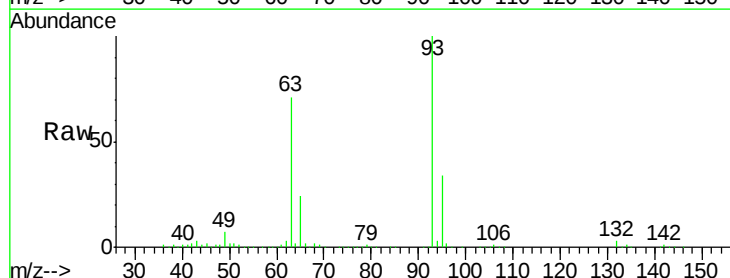
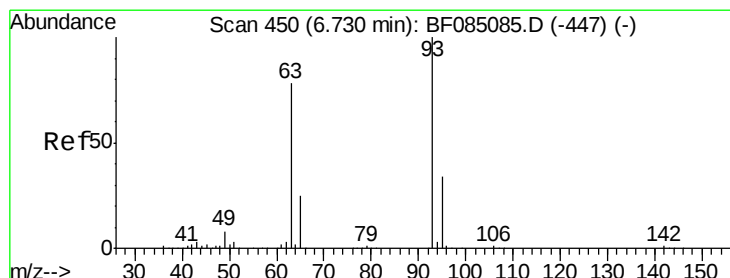
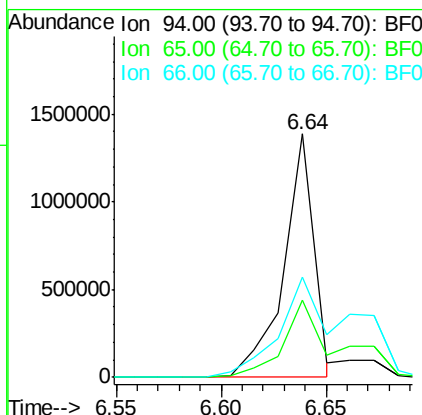
BNA\_F

ClientSampleId :

SSTDIC080

Manual Integrations  
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2/19/2016 7:57:10 AM



#11

bis(2-Chloroethyl)ether

Concen: 62.79 ng/ml

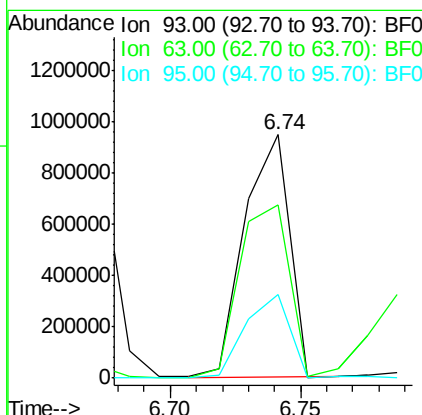
RT: 6.74 min Scan# 451

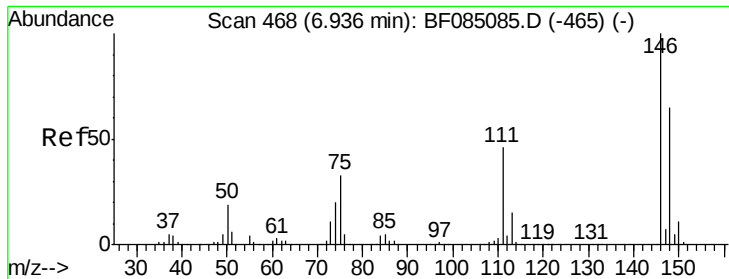
Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1149766 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 63       | 71.4  | 53.6  | 93.6    |
| 95       | 34.2  | 10.1  | 50.1    |





#12

1,3-Dichlorobenzene

Concen: 78.19 ng/mL

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1195971

Ion Ratio Lower Upper

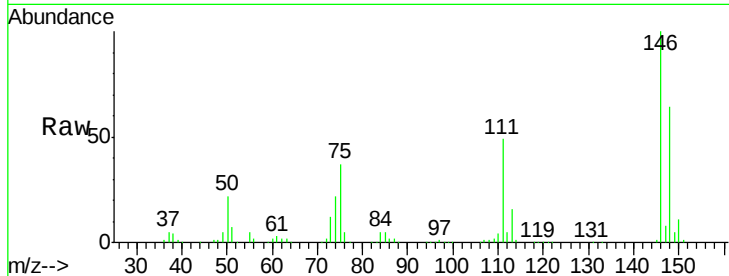
146 100

148 63.8 53.1 79.7

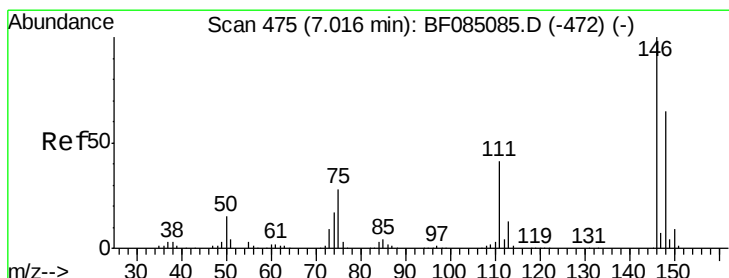
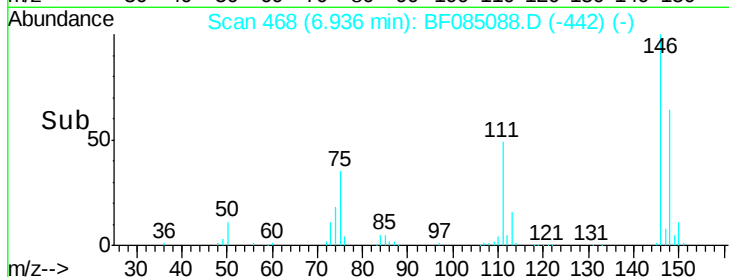
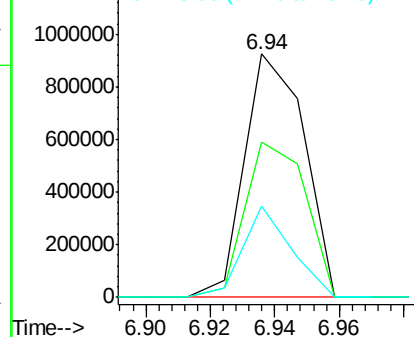
75 37.3 24.4 36.6#

Manual Integrations  
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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 64.77 ng/mL

RT: 7.02 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

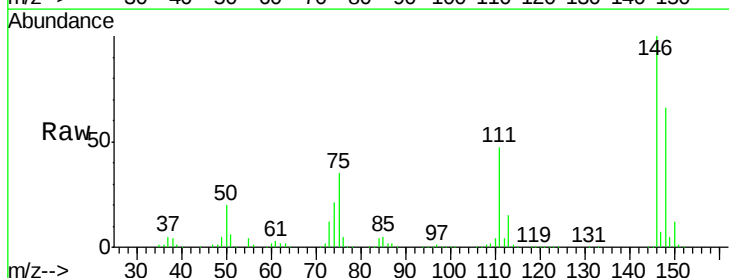
Tgt Ion:146 Resp: 1102412

Ion Ratio Lower Upper

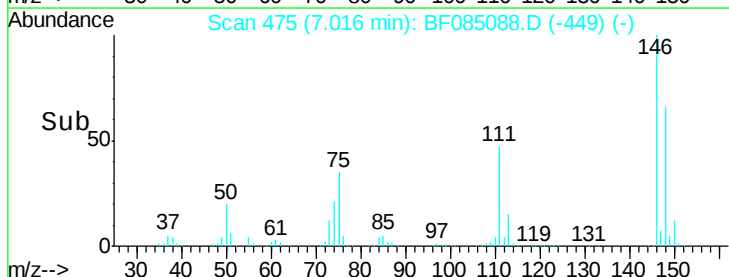
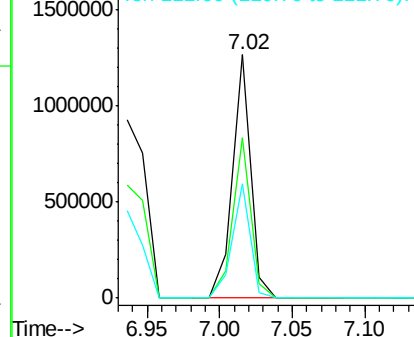
146 100

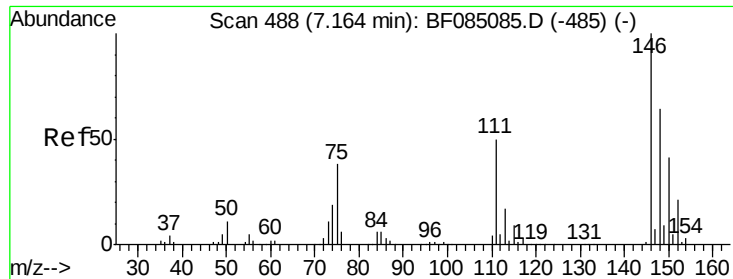
148 65.8 50.3 75.5

111 46.8 33.6 50.4



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





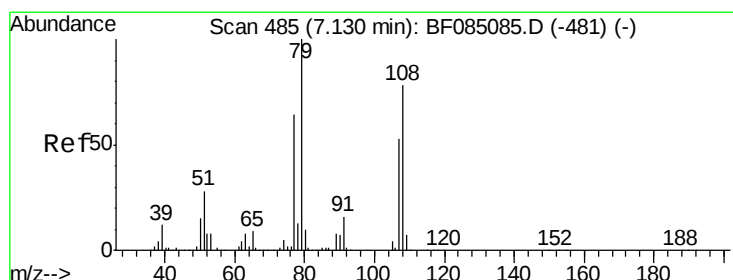
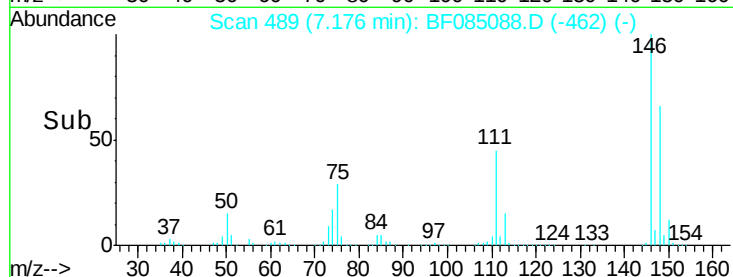
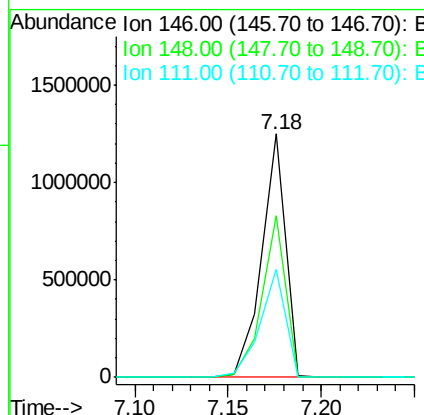
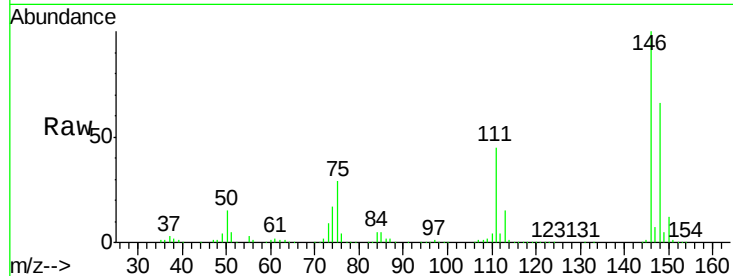
#14  
1,2-Dichlorobenzene  
Concen: 68.44 ng  
RT: 7.18 min Scan# 489  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:146 Resp: 1094922  
Ion Ratio Lower Upper  
146 100  
148 66.3 51.5 77.3  
111 44.6 36.5 54.7

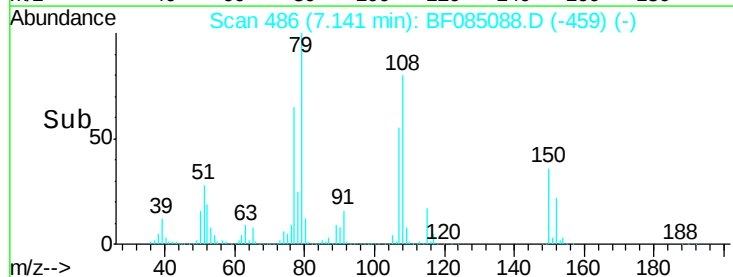
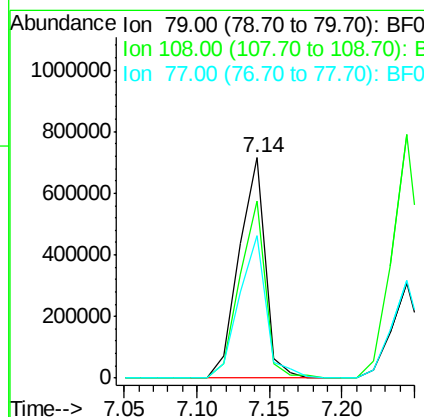
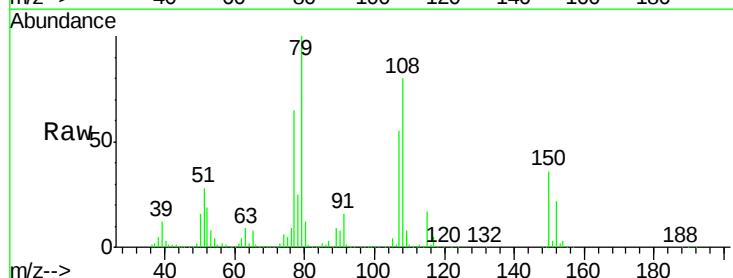
Manual Integrations  
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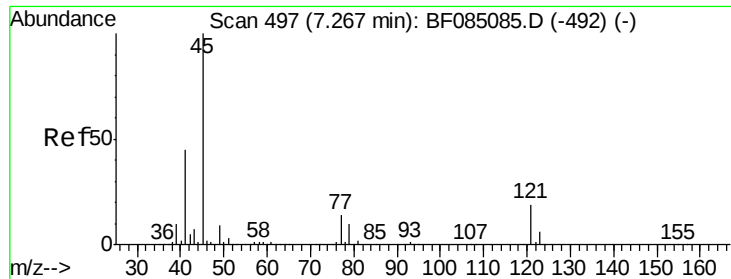
Sohil  
2/19/2016 7:57:10 AM



#15  
Benzyl Alcohol  
Concen: 88.12 ng  
RT: 7.14 min Scan# 486  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Tgt Ion: 79 Resp: 897920  
Ion Ratio Lower Upper  
79 100  
108 80.4 63.4 95.0  
77 64.8 51.8 77.6





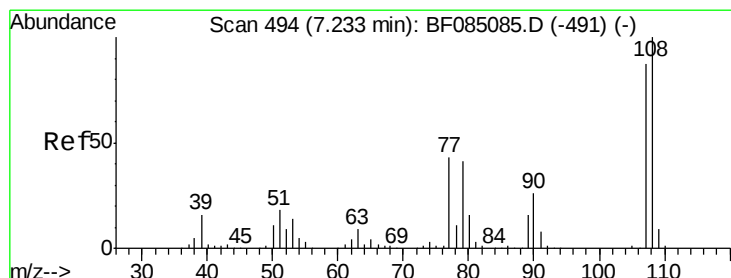
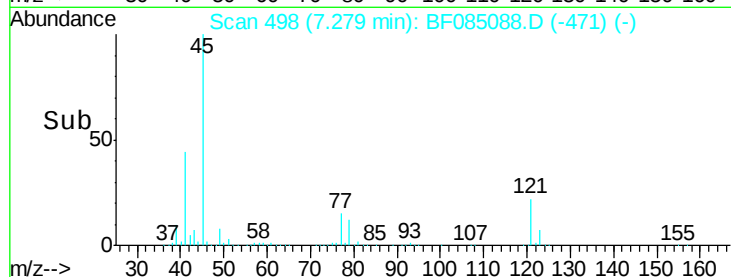
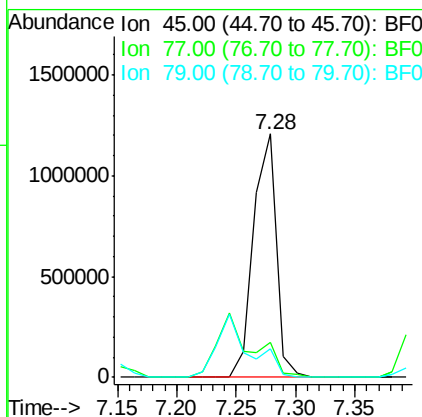
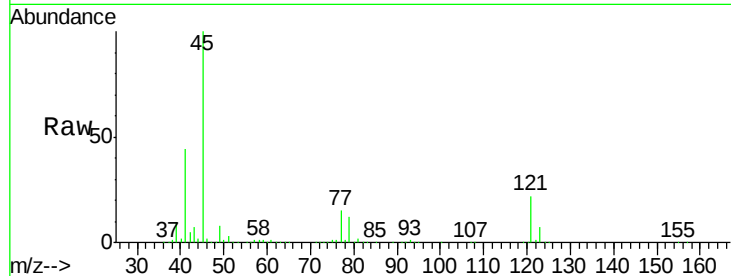
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 63.59 ng  
RT: 7.28 min Scan# 498  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.6  | 0.0   | 35.2  |
| 79      | 11.5  | 0.0   | 33.7  |

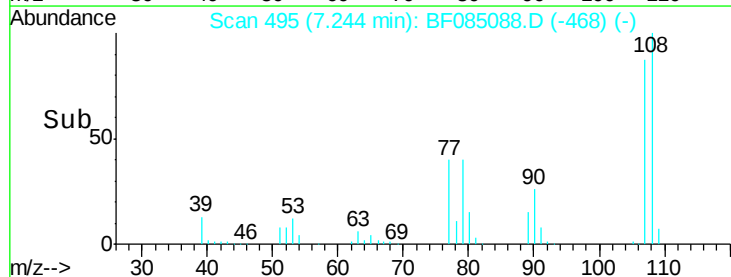
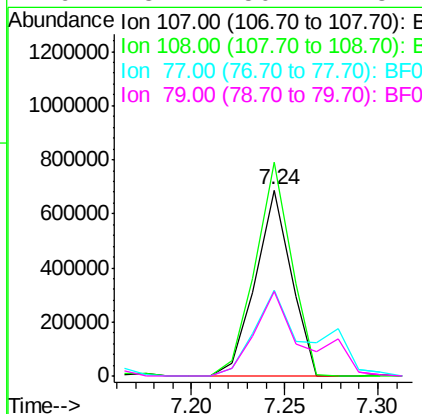
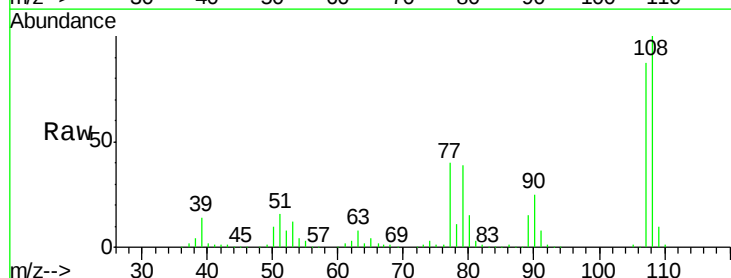
Manual Integrations  
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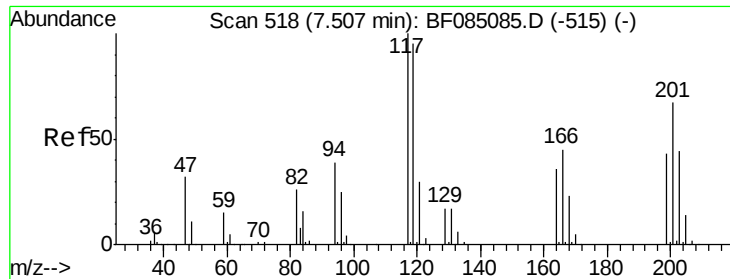
Sohil  
2/19/2016 7:57:10 AM



#17  
2-Methylphenol  
Concen: 82.80 ng  
RT: 7.24 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.8 | 97.0  | 145.4 |
| 77      | 46.0  | 50.5  | 75.7# |
| 79      | 45.1  | 50.1  | 75.1# |





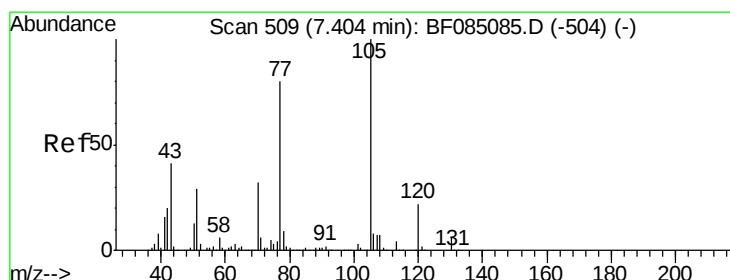
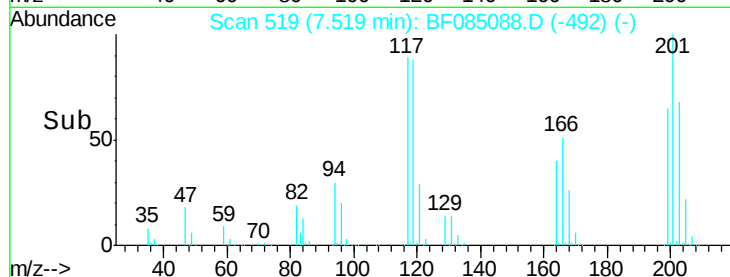
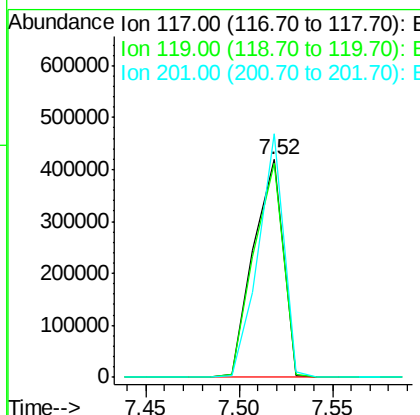
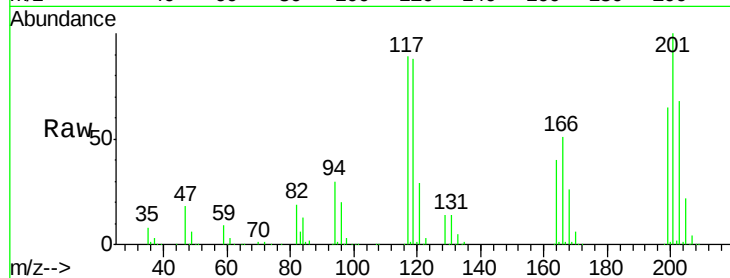
#18  
Hexachloroethane  
Concen: 73.58 ng  
RT: 7.52 min Scan# 519  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 461470 |       |       |
| 119     | 98.3  | 74.5   | 111.7 |       |
| 201     | 111.9 | 80.9   | 121.3 |       |

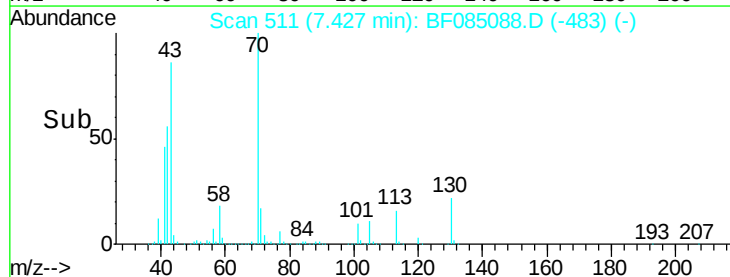
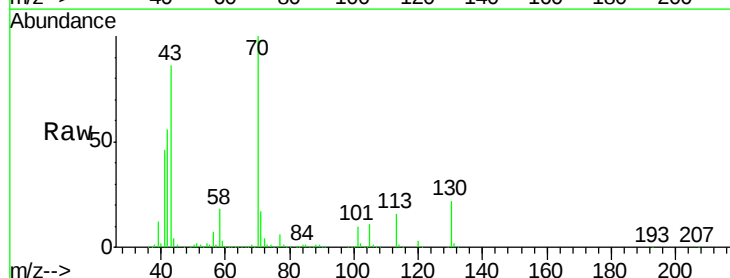
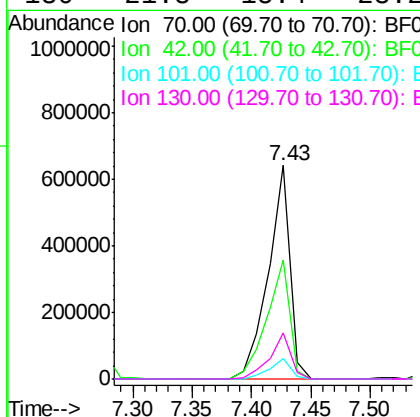
Manual Integrations  
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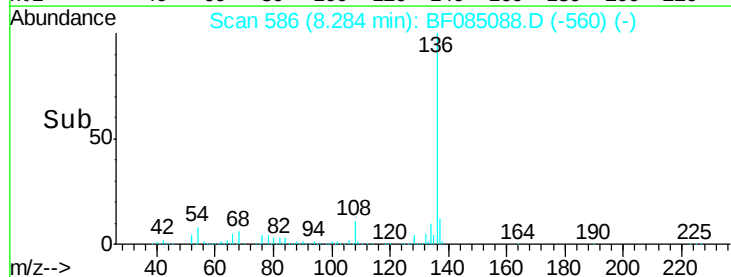
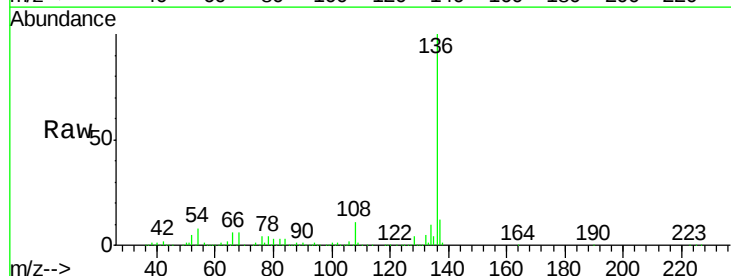
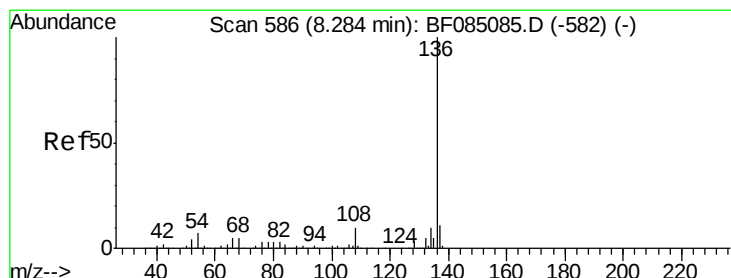
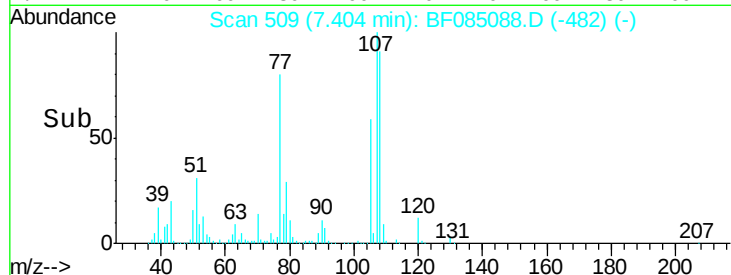
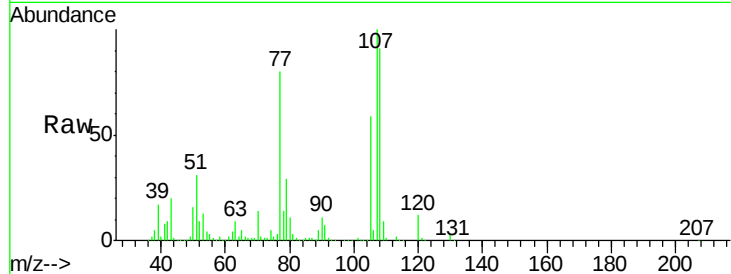
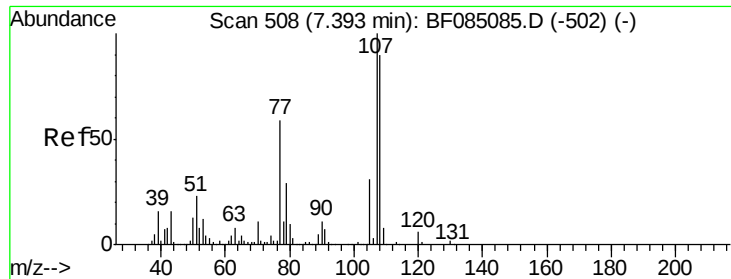
Sohil  
2/19/2016 7:57:10 AM



#19  
n-Nitroso-di-n-propylamine  
Concen: 78.26 ng  
RT: 7.43 min Scan# 511  
Delta R.T. 0.02 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

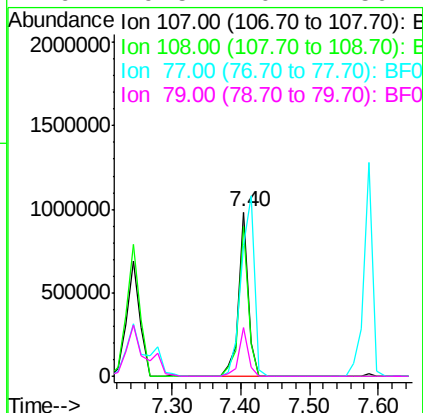
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 822085 |       |       |
| 42      | 56.0  | 55.8   | 83.6  |       |
| 101     | 9.6   | 7.7    | 11.5  |       |
| 130     | 21.8  | 15.4   | 23.2  |       |





#20  
3+4-Methylphenols  
Concen: 69.61 ng  
RT: 7.40 min Scan# 509  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 91.4  | 74.4 | 114.4 |       |
| 77      | 79.9  | 46.9 | 86.9  |       |
| 79      | 29.5  | 10.4 | 50.4  |       |



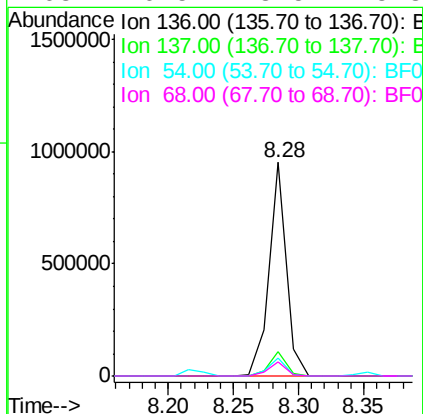
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

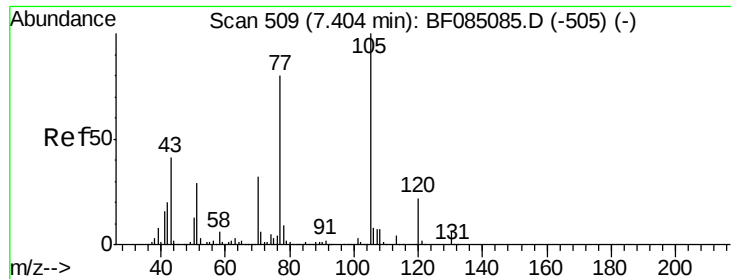
Manual Integrations  
APPROVED

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2/19/2016 7:57:10 AM

#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.28 min Scan# 586  
Delta R.T. -0.00 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.5  | 8.9  | 13.3  |       |
| 54      | 8.4   | 6.1  | 9.1   |       |
| 68      | 6.5   | 3.5  | 5.3   | #     |





#22

Acetophenone

Concen: 64.91 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF085088.D

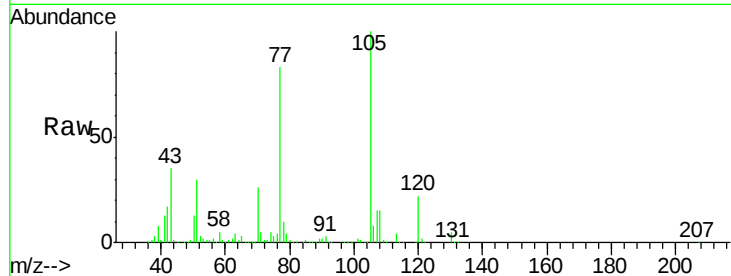
Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080



Tot Ion:105 Resp: 1466536

Ion Ratio Lower Upper

105 100

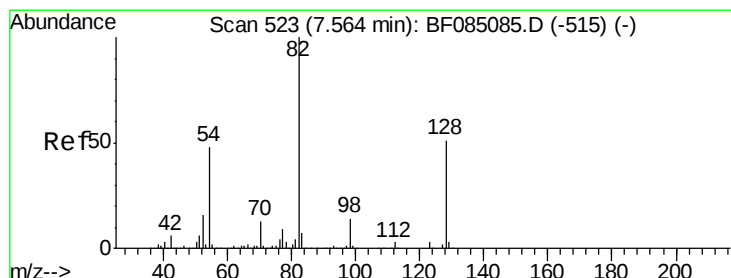
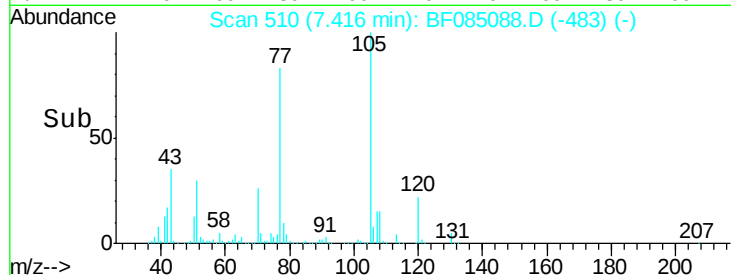
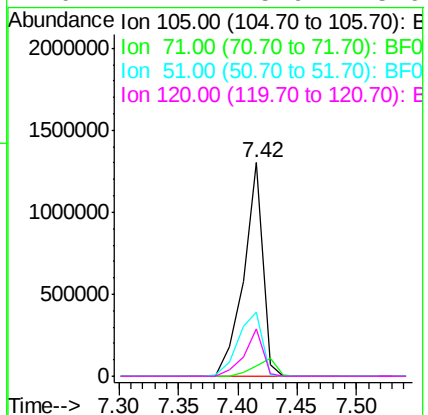
71 4.6 7.5 11.3#

51 30.0 23.1 34.7

120 22.4 15.9 23.9

Manual Integrations  
APPROVED

Sohil  
2/19/2016 7:57:10 AM



#23

Nitrobenzene-d5

Concen: 156.23 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

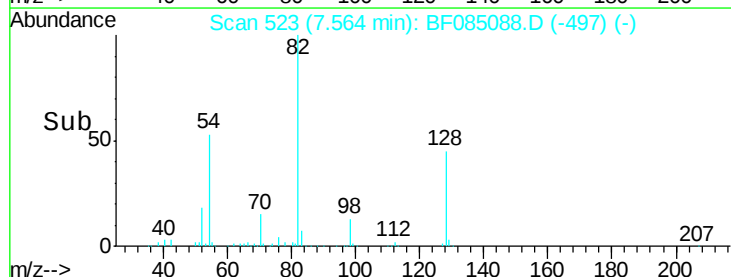
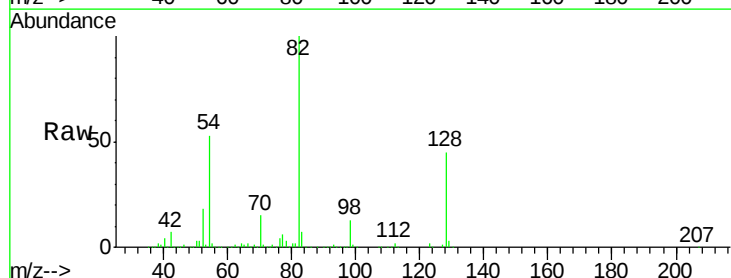
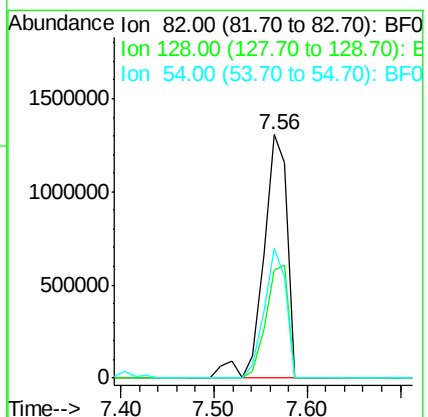
Tgt Ion: 82 Resp: 2332291

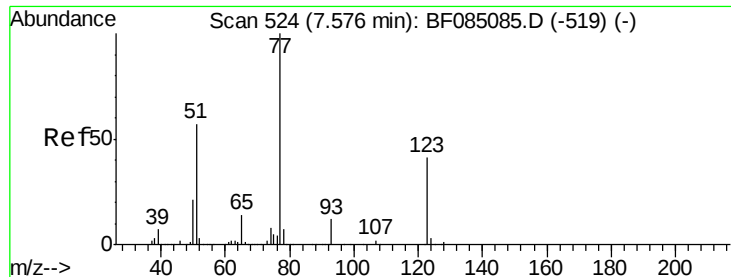
Ion Ratio Lower Upper

82 100

128 44.6 36.8 55.2

54 53.3 44.4 66.6





#24

Nitrobenzene

Concen: 70.59 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1151393

Ion Ratio Lower Upper

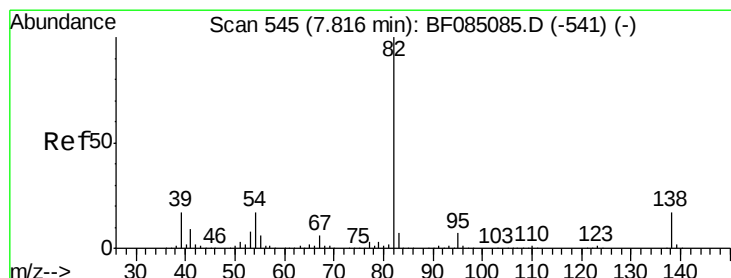
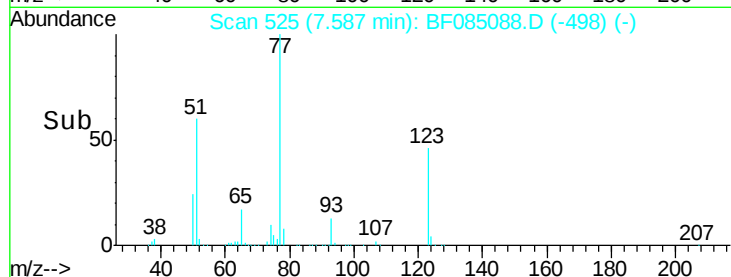
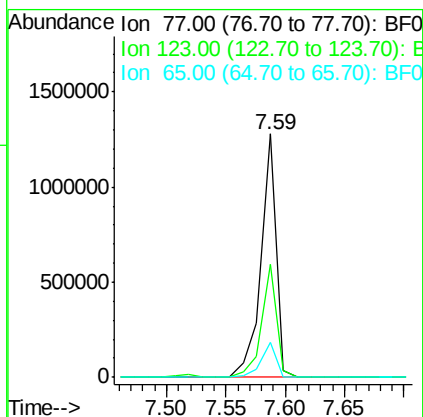
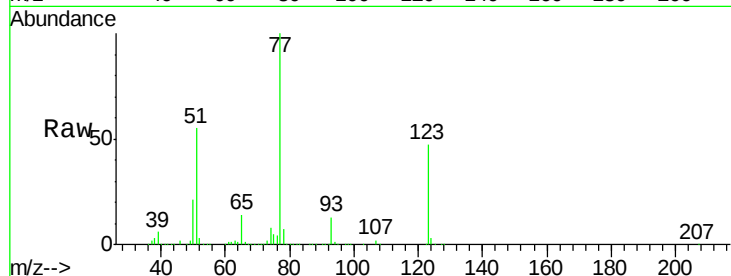
77 100

123 46.6 36.5 54.7

65 14.4 10.9 16.3

Manual Integrations  
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Sohil  
2/19/2016 7:57:10 AM



#25

Isophorone

Concen: 84.38 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

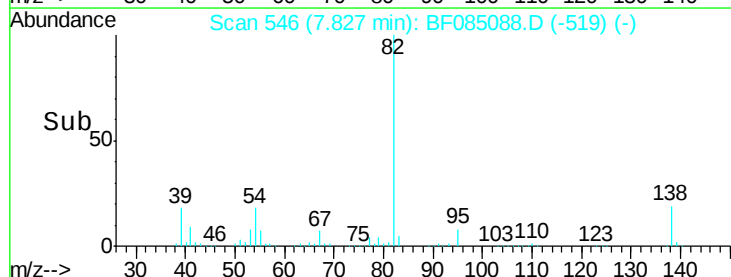
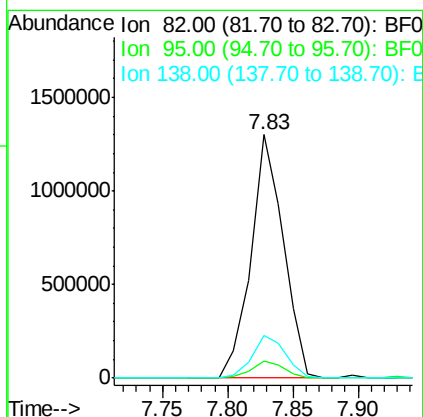
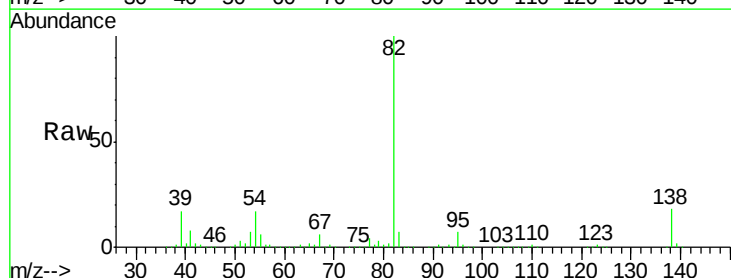
Tgt Ion: 82 Resp: 2259784

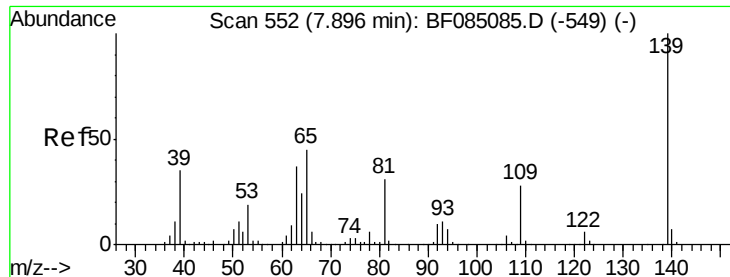
Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

138 17.7 13.1 19.7





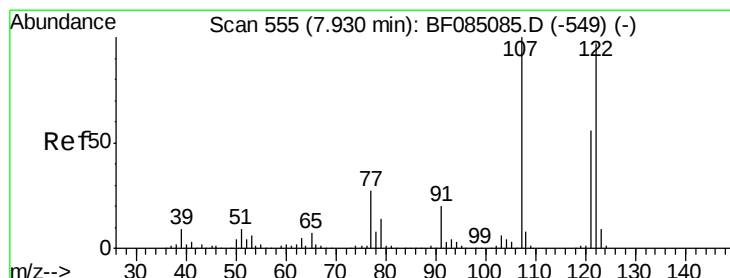
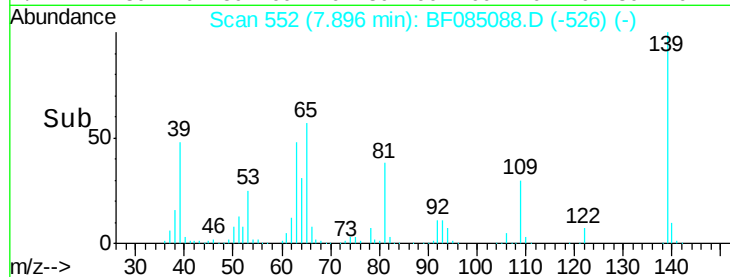
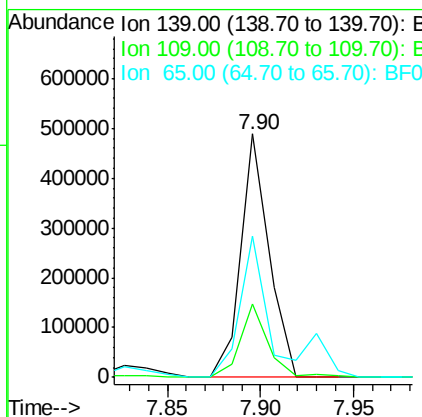
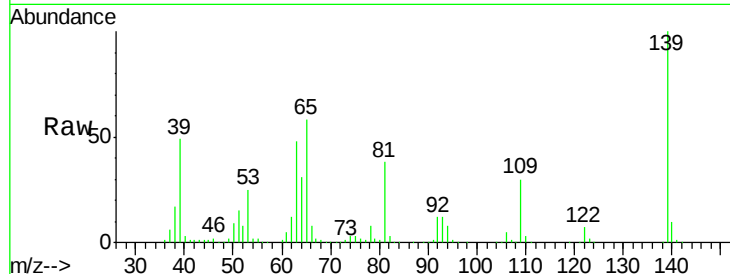
#26  
 2-Nitrophenol  
 Concen: 66.07 ng  
 RT: 7.90 min Scan# 552  
 Delta R.T. -0.00 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 30.3  | 23.4 | 35.2  |       |
| 65      | 57.9  | 42.3 | 63.5  |       |

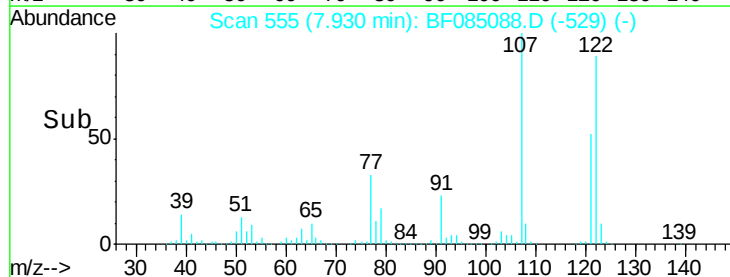
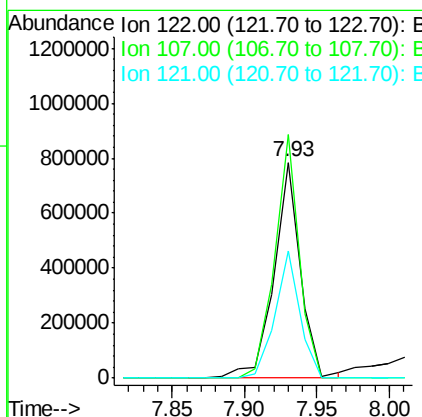
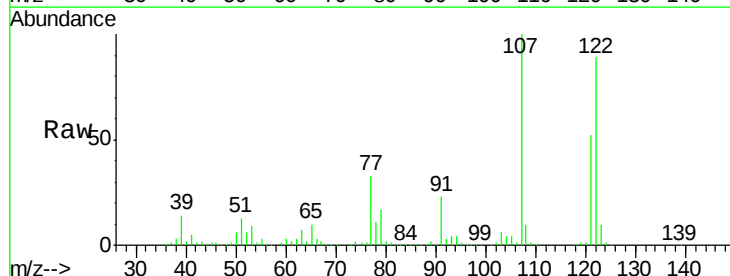
Manual Integrations  
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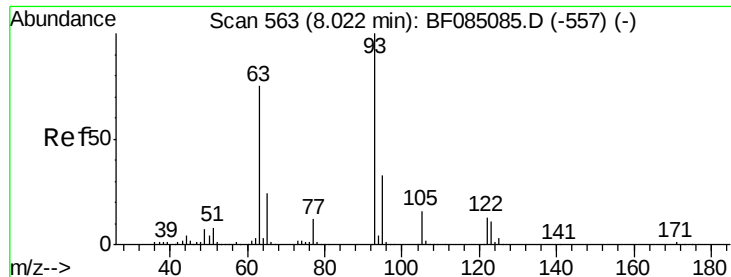
Sohil  
 2/19/2016 7:57:10 AM



#27  
 2,4-Dimethylphenol  
 Concen: 78.38 ng  
 RT: 7.93 min Scan# 555  
 Delta R.T. -0.00 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 113.0 | 91.8 | 137.8 |       |
| 121     | 59.0  | 45.0 | 67.4  |       |





#28

bis(2-Chloroethoxy)methane

Concen: 75.97 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 1262824

Ion Ratio Lower Upper

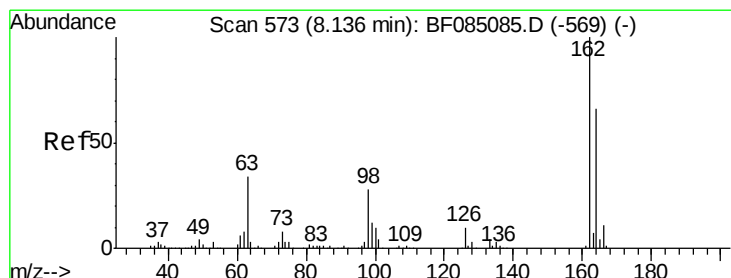
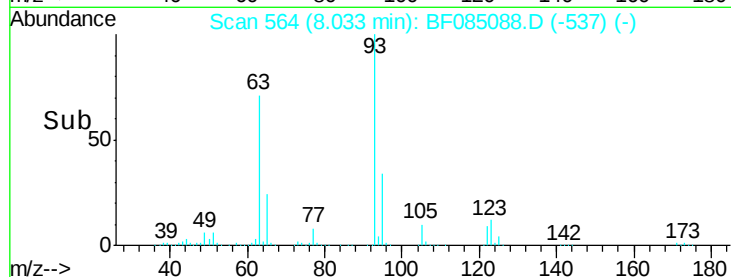
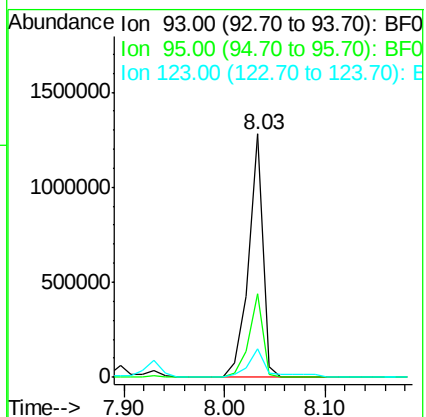
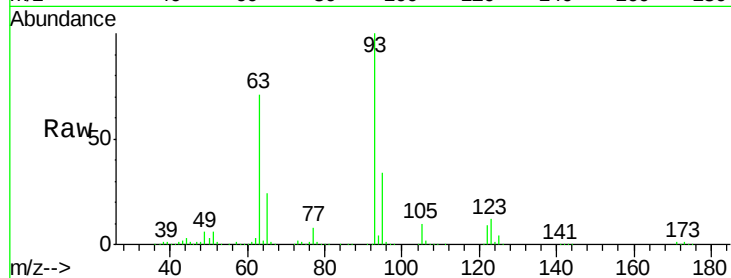
93 100

95 34.4 25.6 38.4

123 12.0 8.7 13.1

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#29

2,4-Dichlorophenol

Concen: 76.05 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

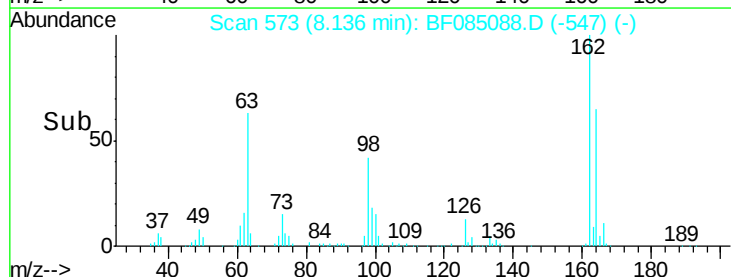
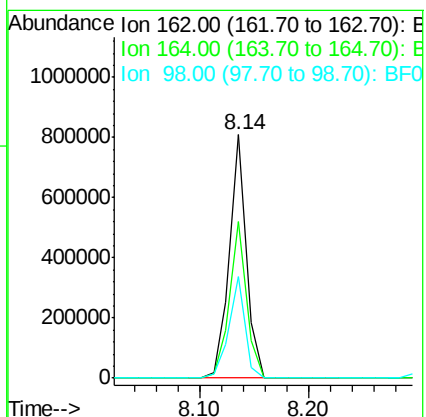
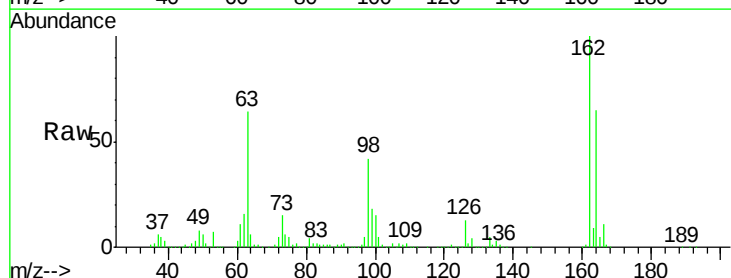
Tgt Ion: 162 Resp: 874385

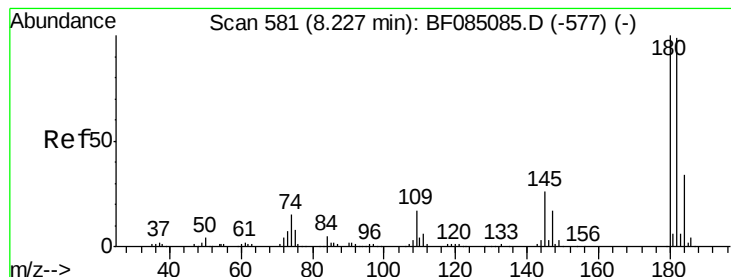
Ion Ratio Lower Upper

162 100

164 64.6 42.8 82.8

98 41.8 17.6 57.6





#30

1,2,4-Trichlorobenzene

Concen: 76.45 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:180 Resp: 1013154

Ion Ratio Lower Upper

180 100

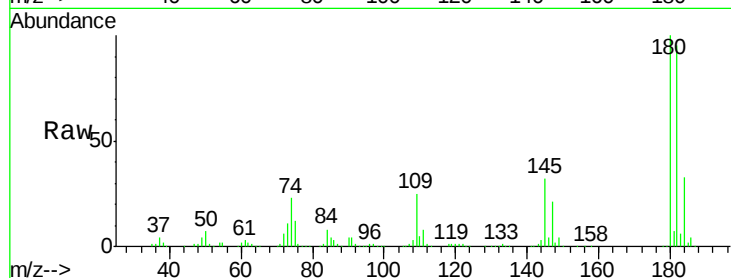
182 94.7 75.8 113.8

145 31.7 25.9 38.9

Manual Integrations  
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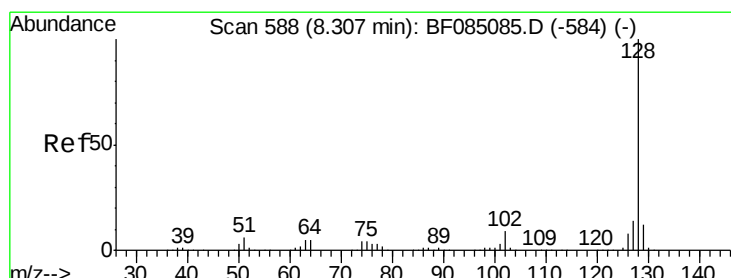
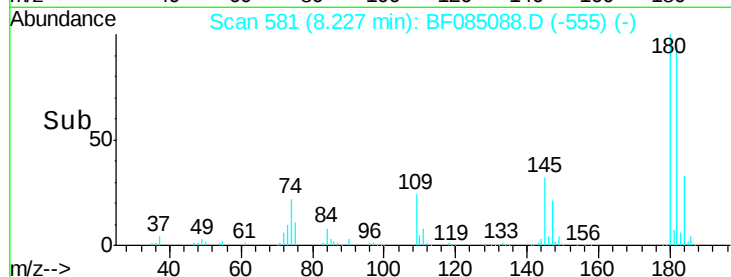
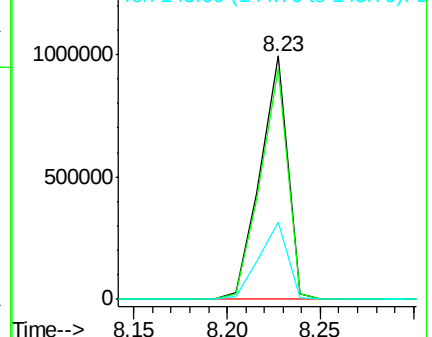
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Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 59.82 ng m

RT: 8.31 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

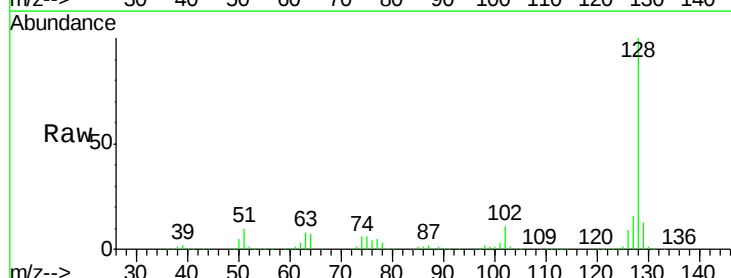
Tgt Ion:128 Resp: 2556887

Ion Ratio Lower Upper

128 100

129 13.5 9.2 13.8

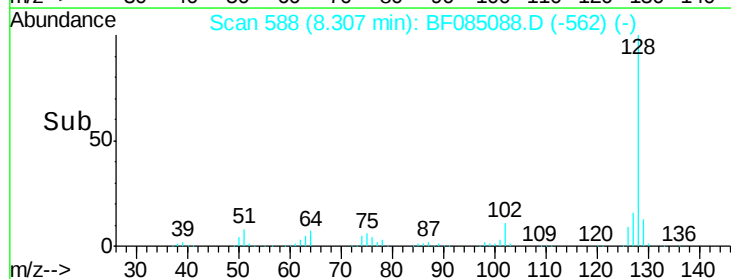
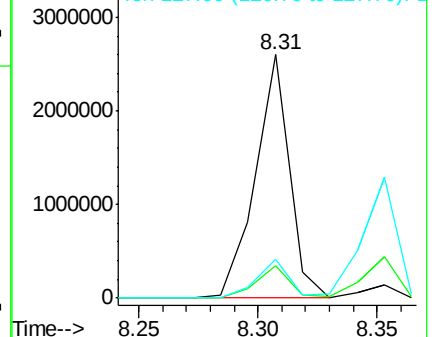
127 16.0 10.3 15.5#

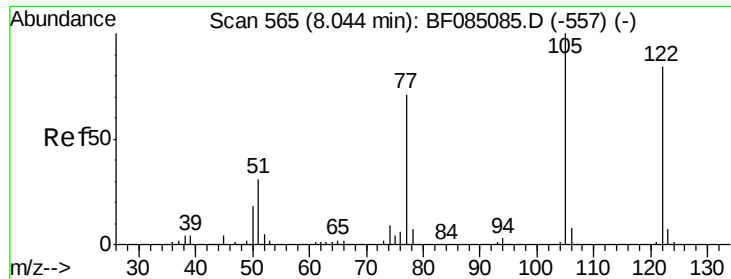


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 163.40 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.05 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

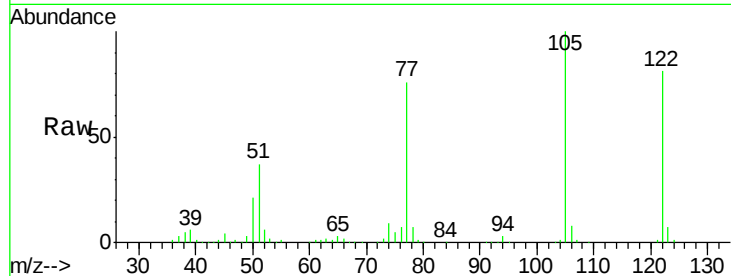
ClientSampleId :

SSTDICC080

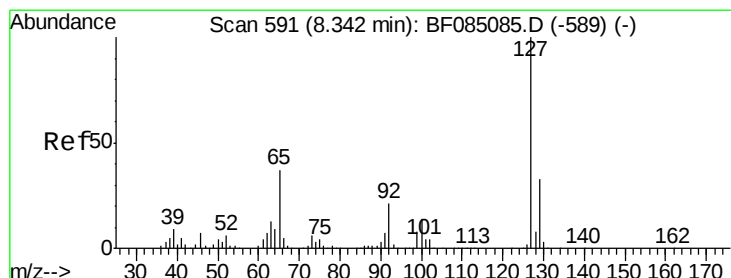
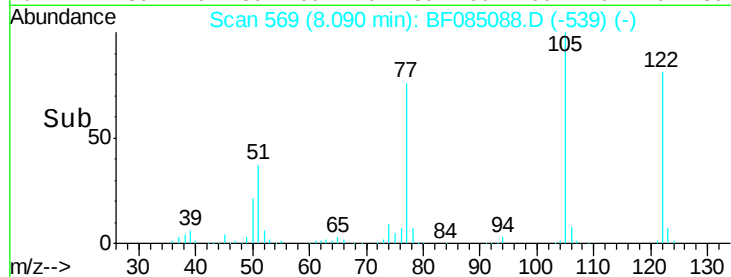
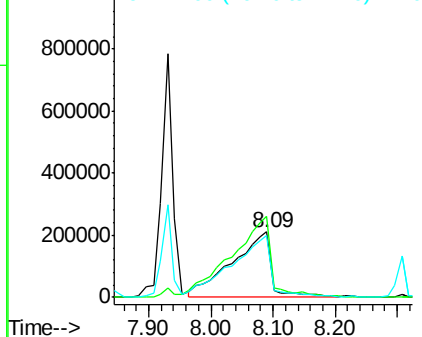
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 909780 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 123.9 | 101.3 | 141.3  |
| 77        | 94.5  | 70.0  | 110.0  |

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



#33

4-Chloroaniline

Concen: 80.63 ng

RT: 8.35 min Scan# 592

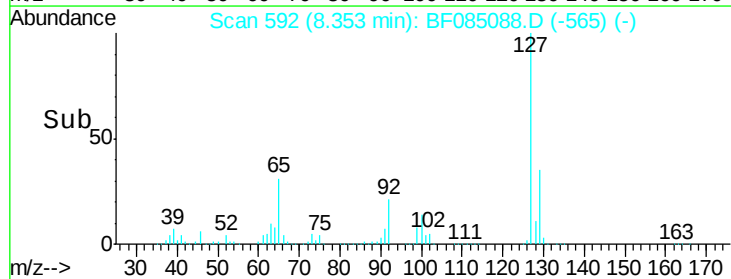
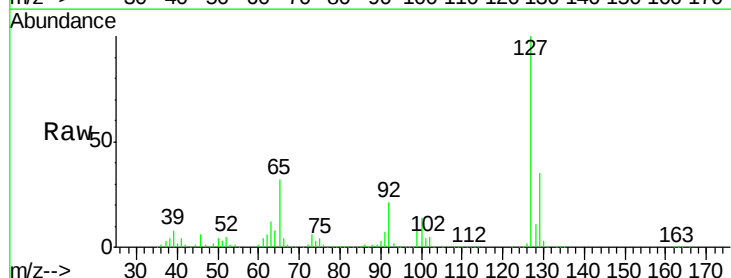
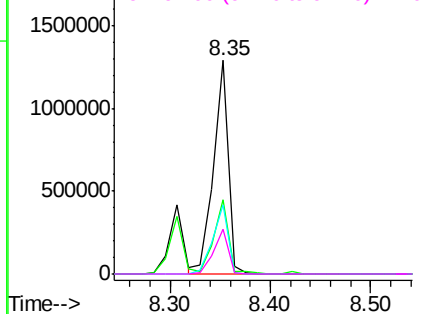
Delta R.T. 0.01 min

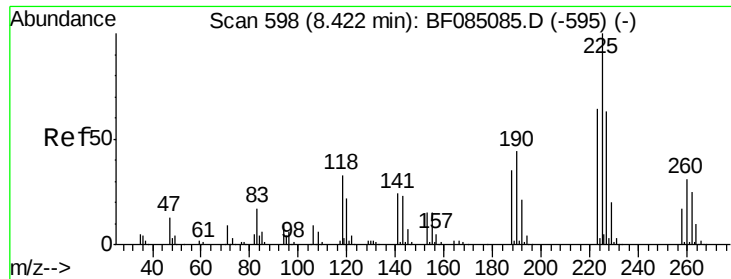
Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 127   | Resp: | 1307195 |
| Ion Ratio | Lower | Upper |         |
| 127       | 100   |       |         |
| 129       | 34.6  | 26.6  | 39.8    |
| 65        | 32.3  | 24.7  | 37.1    |
| 92        | 20.7  | 15.1  | 22.7    |

Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 76.27 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

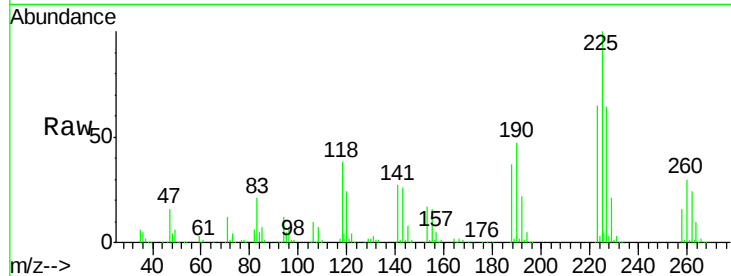
ClientSampleId :

SSTDIC080

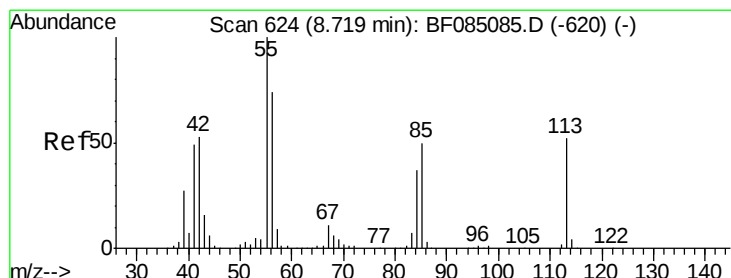
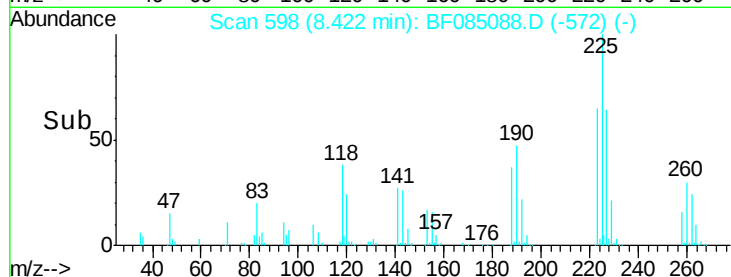
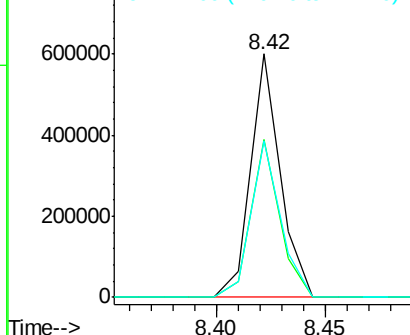
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 225  | Resp: | 566081 |
| Ion Ratio |      | Lower | Upper  |
| 225       | 100  |       |        |
| 223       | 64.9 | 48.6  | 73.0   |
| 227       | 64.1 | 48.9  | 73.3   |

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Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 100.33 ng

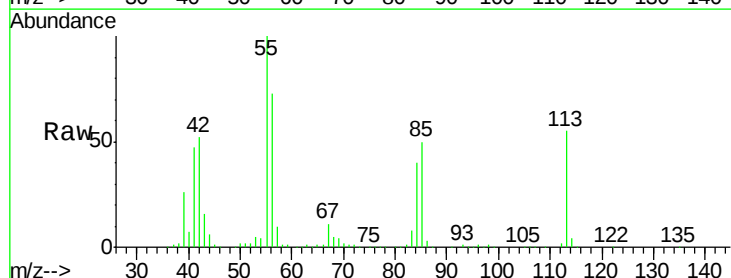
RT: 8.75 min Scan# 627

Delta R.T. 0.03 min

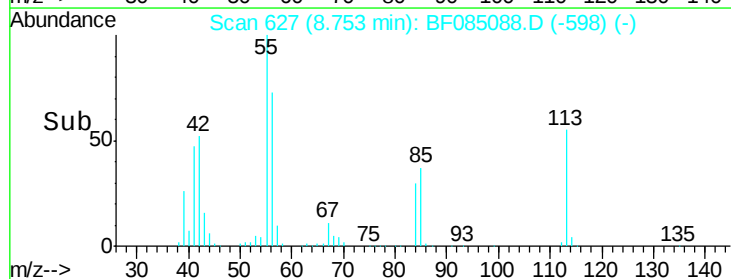
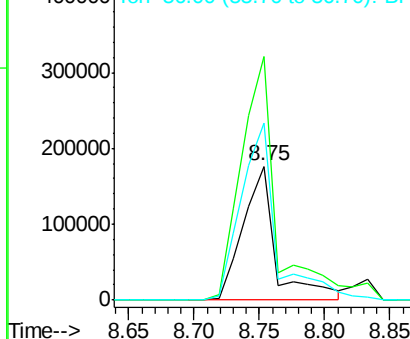
Lab File: BF085088.D

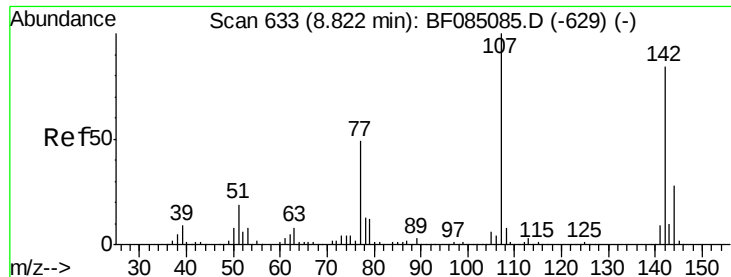
Acq: 17 Feb 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 310118 |
| Ion Ratio |       | Lower | Upper  |
| 113       | 100   |       |        |
| 55        | 181.6 | 173.1 | 213.1  |
| 56        | 132.2 | 132.9 | 172.9# |



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





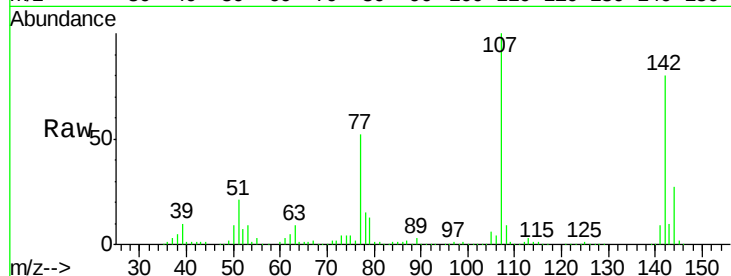
#36  
 4-Chloro-3-methylphenol  
 Concen: 80.09 ng  
 RT: 8.83 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.0  | 19.2  | 28.8  |
| 142     | 80.4  | 60.6  | 91.0  |

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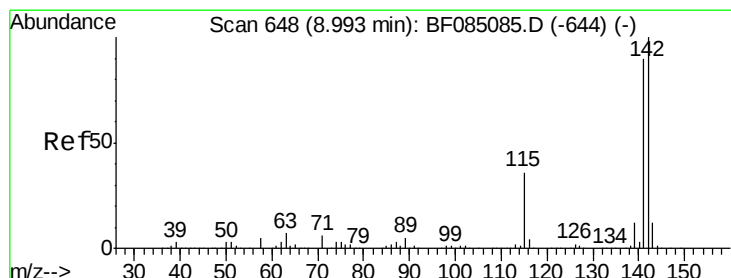
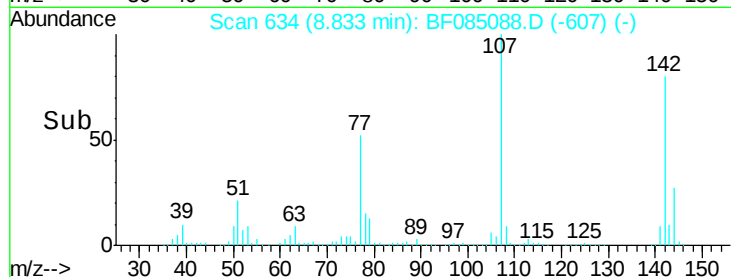
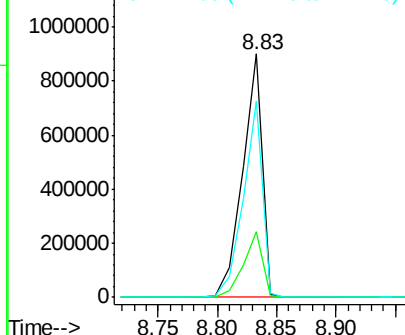


Abundance

Ion 107.00 (106.70 to 107.70): E

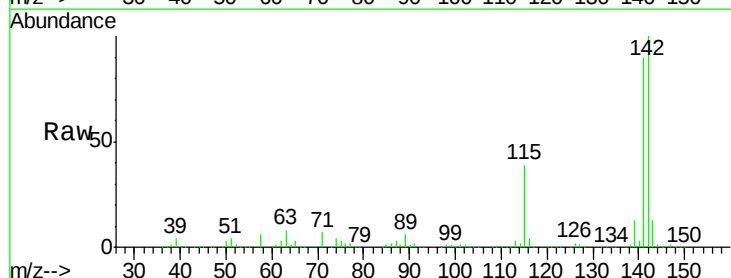
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37  
 2-Methylnaphthalene  
 Concen: 64.86 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. -0.00 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.2  | 69.6  | 104.4 |
| 115     | 38.9  | 27.9  | 41.9  |

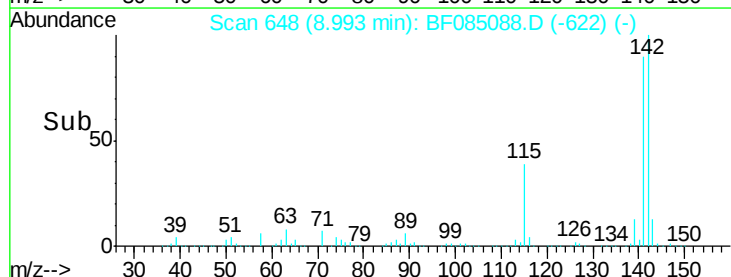
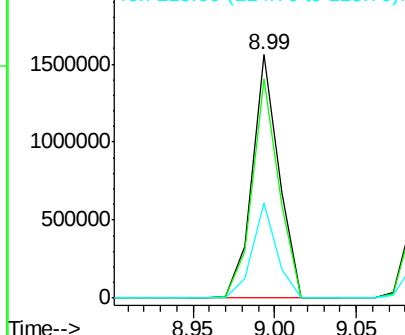


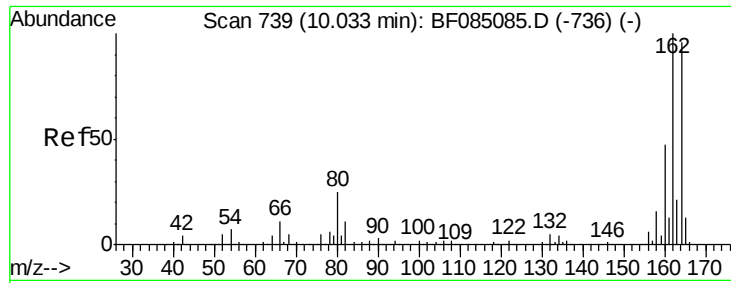
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

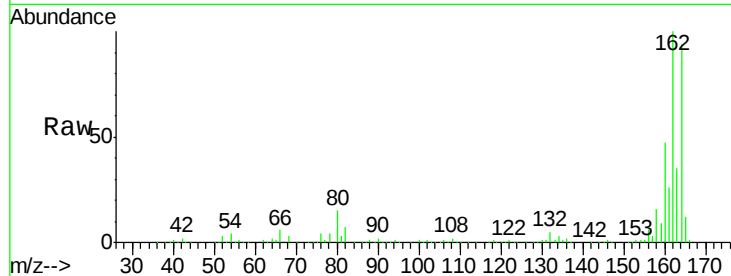
ClientSampleId :

SSTDICC080

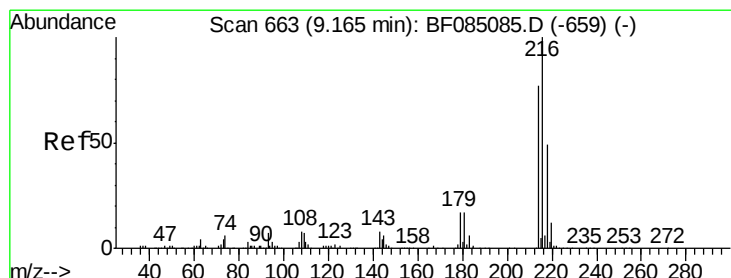
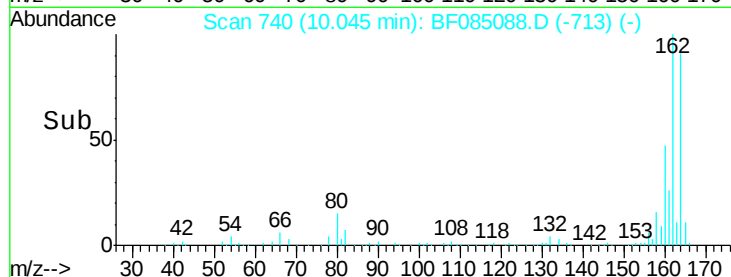
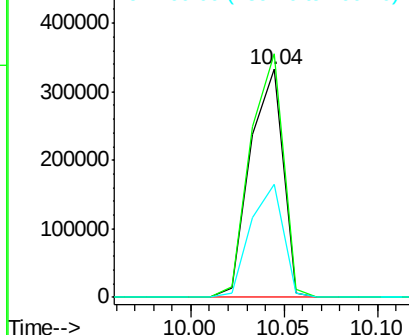
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 405595 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 106.9 | 81.1  | 121.7  |
| 160       | 49.8  | 37.4  | 56.0   |

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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 75.90 ng

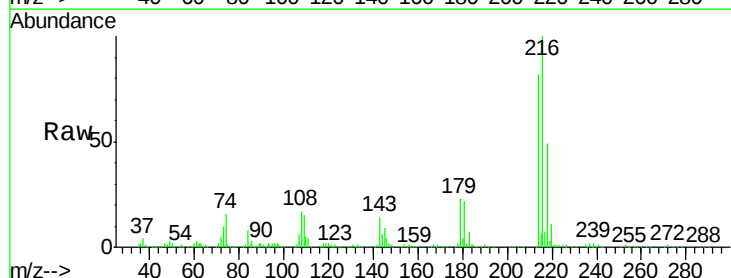
RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

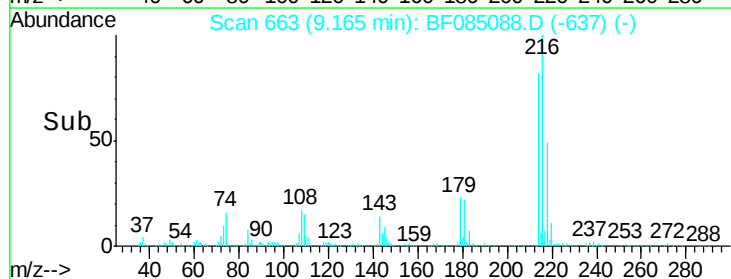
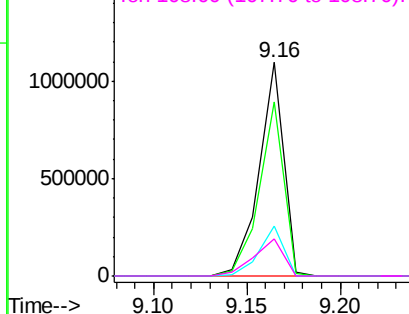
Lab File: BF085088.D

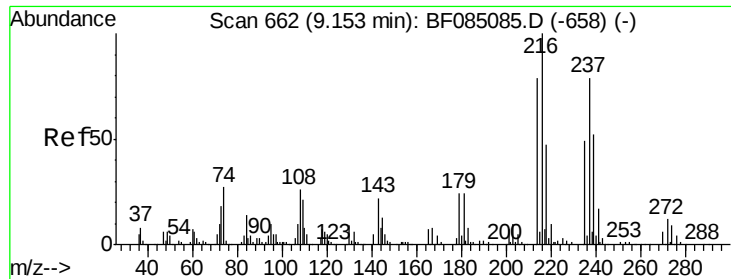
Acq: 17 Feb 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 994614 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 81.5  | 62.2  | 93.2   |
| 179       | 23.4  | 18.1  | 27.1   |
| 108       | 20.9  | 15.7  | 23.5   |



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





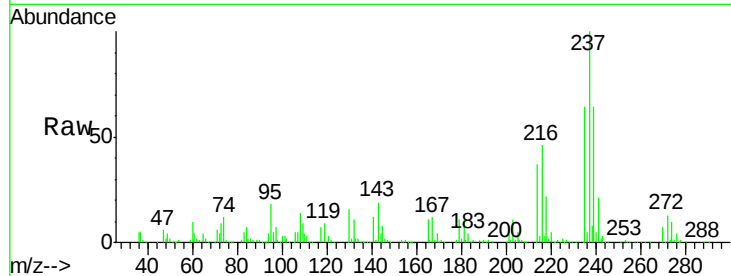
#40  
Hexachlorocyclopentadiene  
Concen: 139.01 ng  
RT: 9.15 min Scan# 662  
Delta R.T. -0.00 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

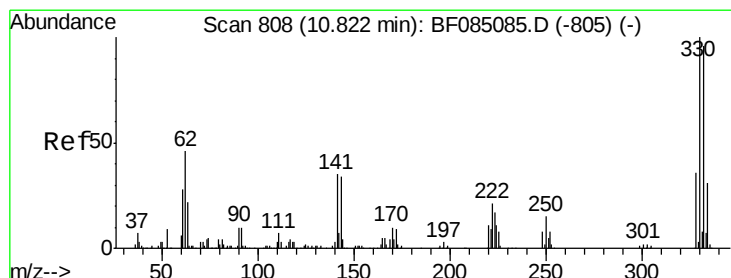
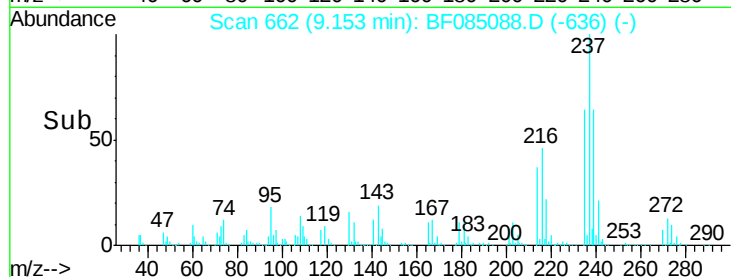
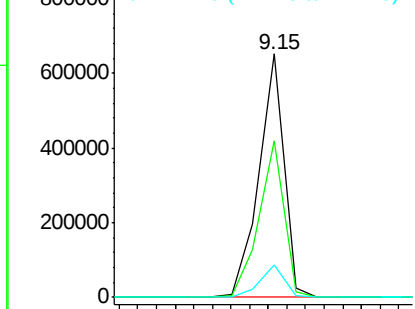
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.1  | 44.8       | 84.8  |
| 272     | 13.1  | 0.0        | 31.8  |

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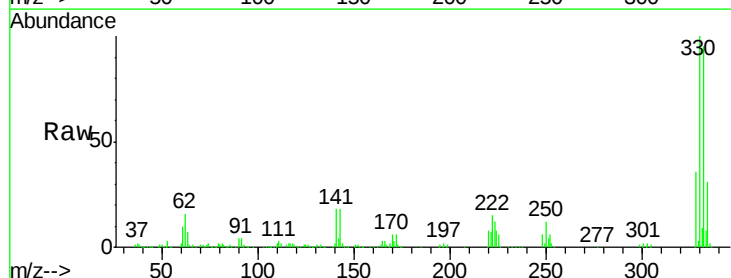


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

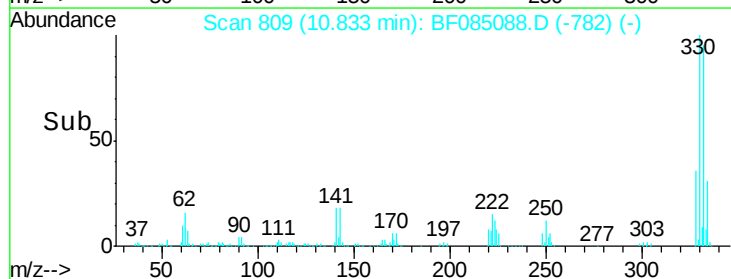
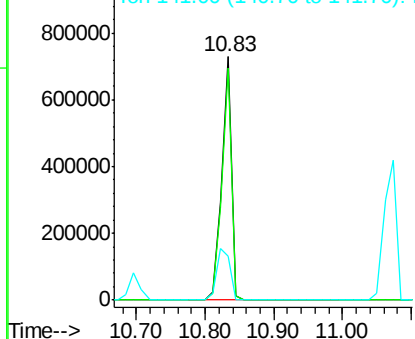


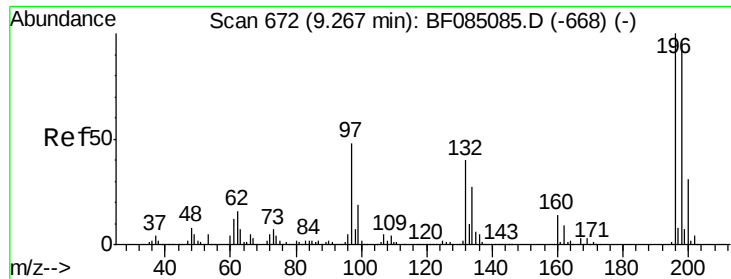
#41  
2,4,6-Tribromophenol  
Concen: 174.69 ng  
RT: 10.83 min Scan# 809  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.4  | 78.5       | 117.7 |
| 141     | 29.6  | 28.6       | 42.8  |



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





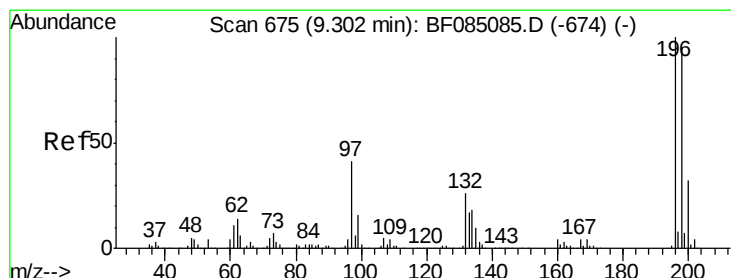
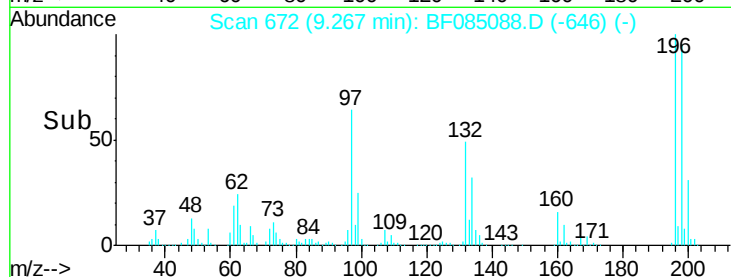
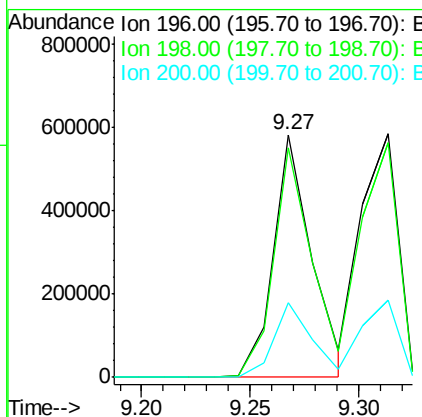
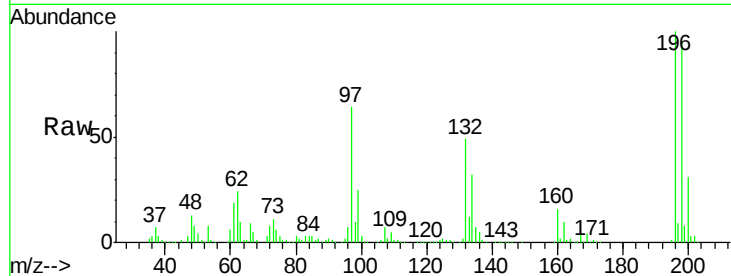
#42  
 2,4,6-Trichlorophenol  
 Concen: 99.20 ng  
 RT: 9.27 min Scan# 672  
 Delta R.T. -0.00 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 716882 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.0  | 81.0  | 121.6  |
| 200       | 30.7  | 26.3  | 39.5   |

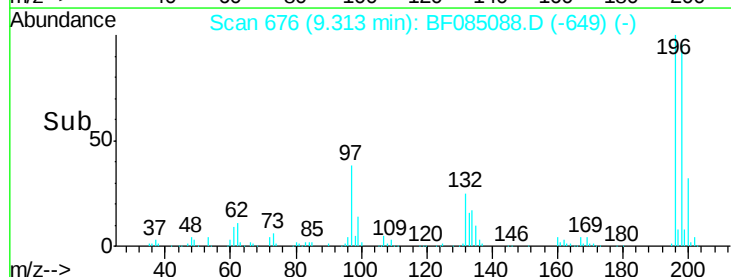
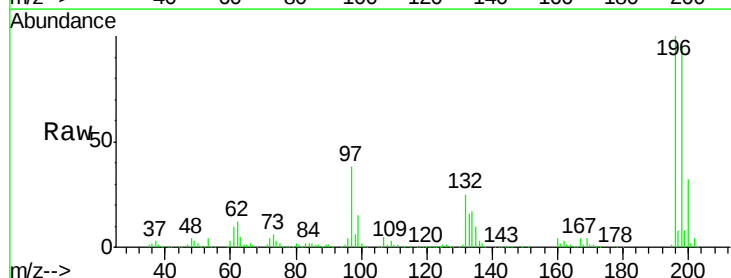
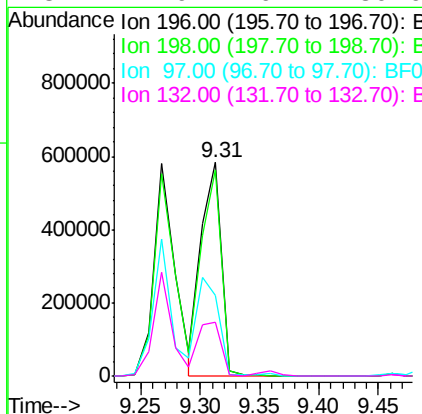
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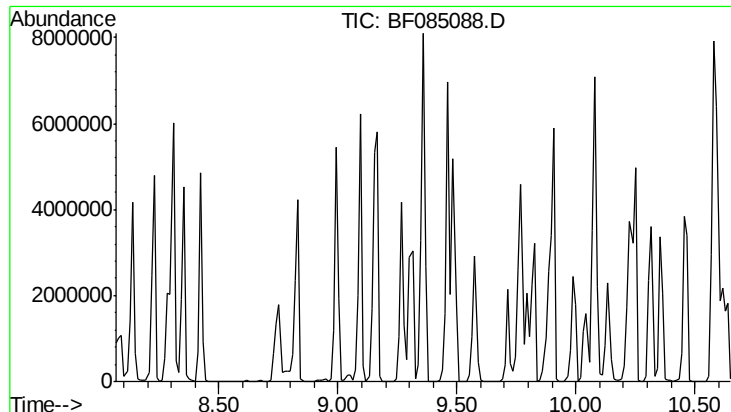
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#43  
 2,4,5-Trichlorophenol  
 Concen: 83.31 ng  
 RT: 9.31 min Scan# 676  
 Delta R.T. 0.01 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 700472 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.2  | 79.7  | 119.5  |
| 97        | 37.6  | 47.0  | 70.4#  |
| 132       | 24.9  | 26.4  | 39.6#  |





#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.36 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Tot Ion: 172

Sig Exp Ratio

172 100

171 36.4

170 24.5

Instrument :

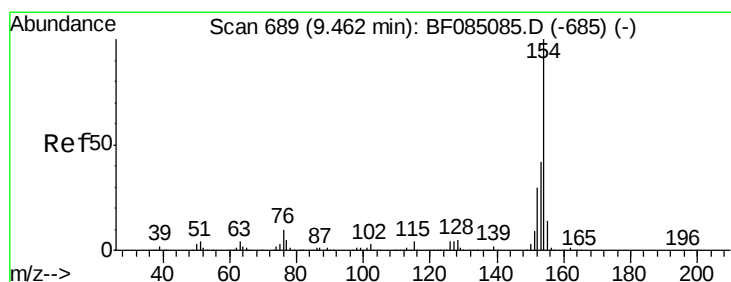
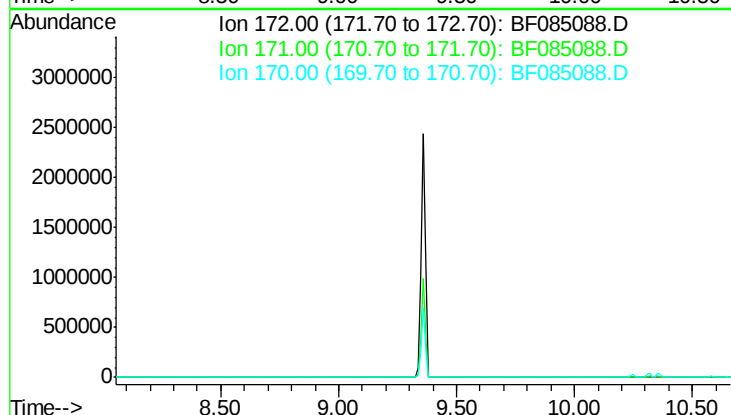
BNA\_F

ClientSampleId :

SSTDICC080

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#45

1,1'-Biphenyl

Concen: 55.50 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

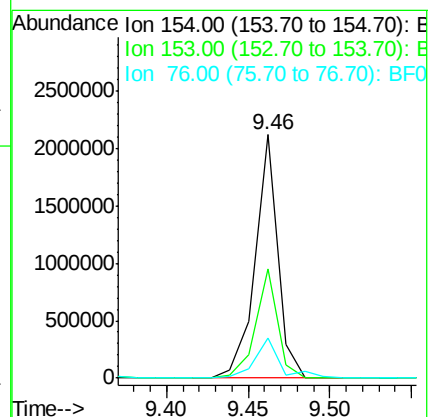
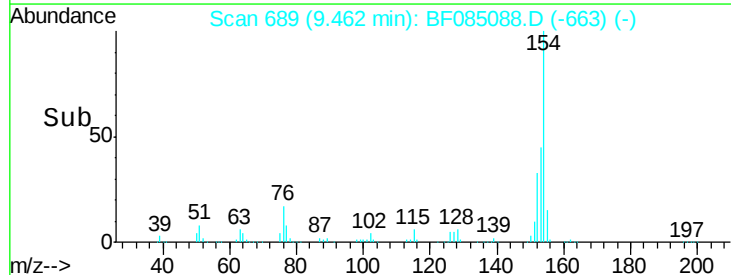
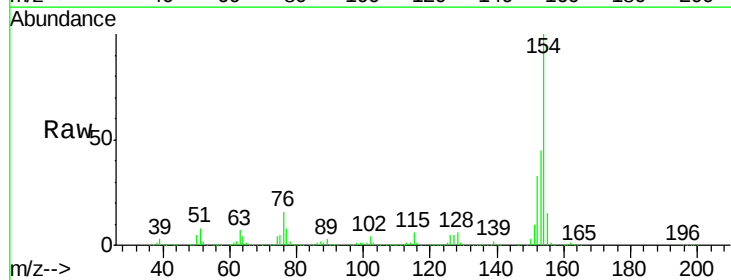
Tgt Ion:154 Resp: 2047481

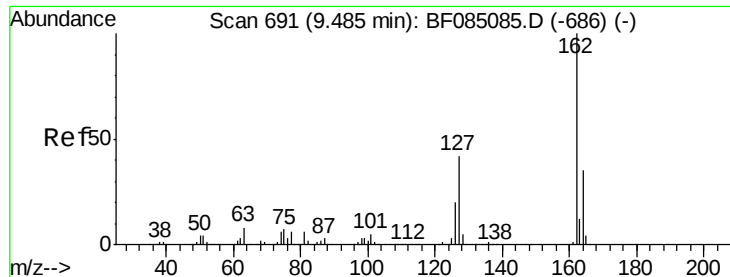
Ion Ratio Lower Upper

154 100

153 45.1 19.9 59.9

76 16.5 0.0 31.6





#46

2-Chloronaphthalene

Concen: 67.71 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:162 Resp: 1770016

Ion Ratio Lower Upper

162 100

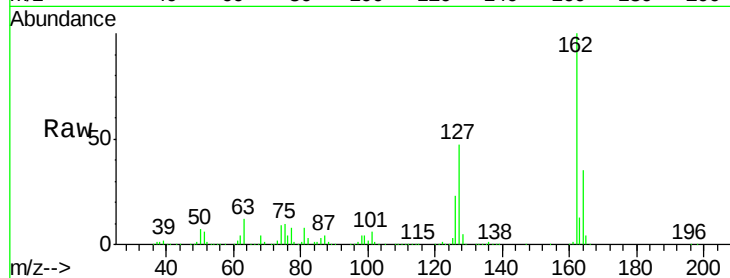
127 47.1 34.8 52.2

164 34.9 25.8 38.6

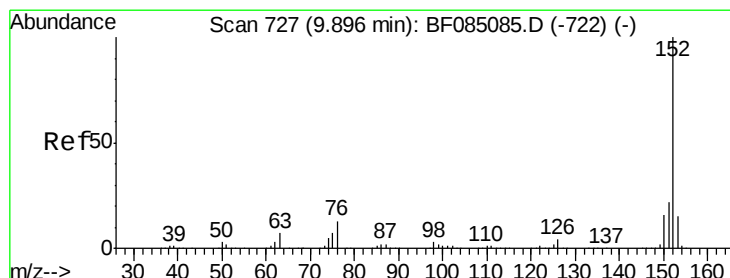
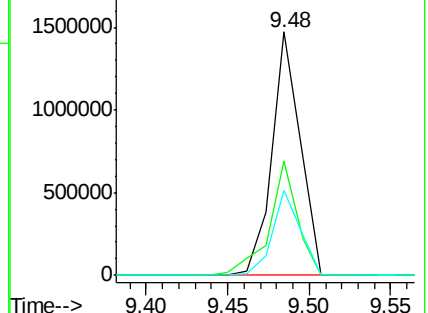
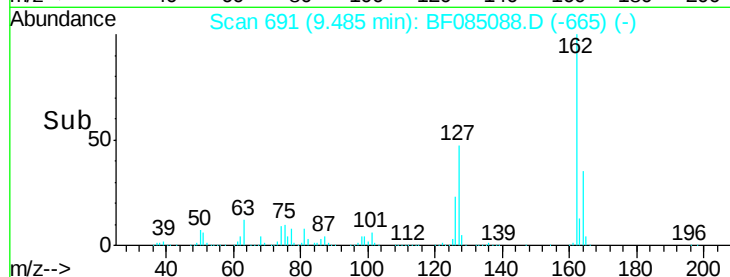
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Abundance Ion 162.00 (161.70 to 162.70): E  
2000000  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



#48

Acenaphthylene

Concen: 70.83 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

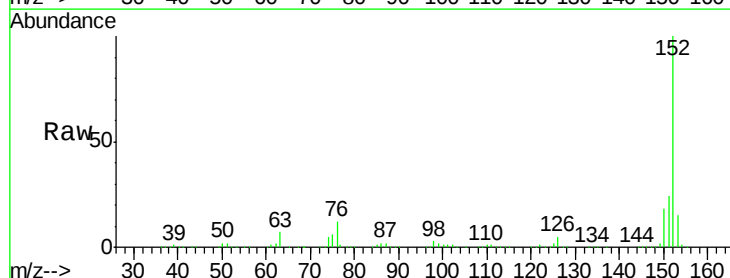
Tgt Ion:152 Resp: 2939797

Ion Ratio Lower Upper

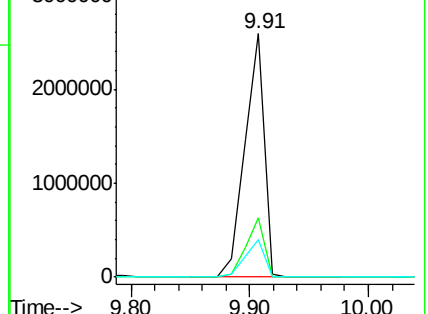
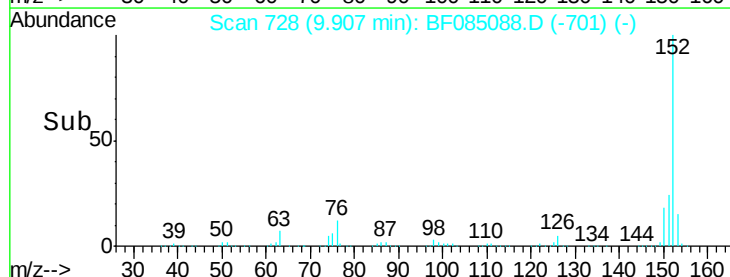
152 100

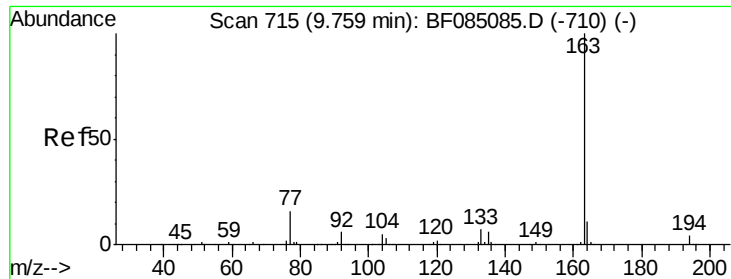
151 24.3 16.0 24.0#

153 15.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E  
3000000  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 76.07 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:163 Resp: 2313228

Ion Ratio Lower Upper

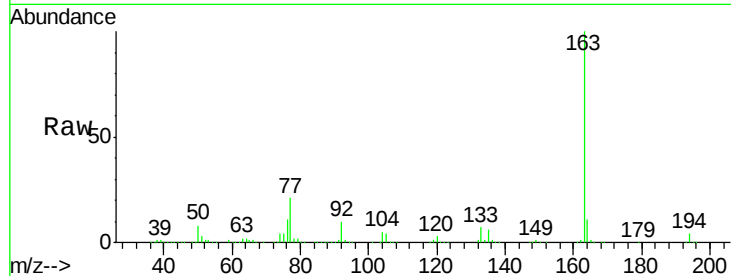
163 100

194 4.2 2.5 3.7#

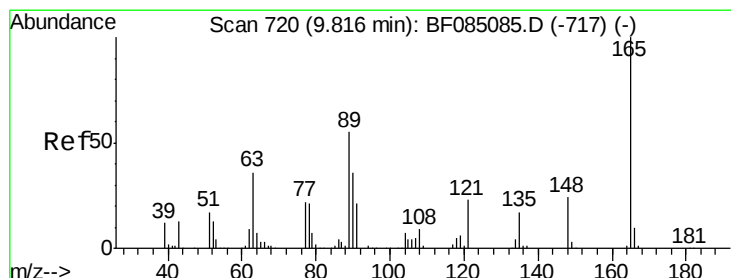
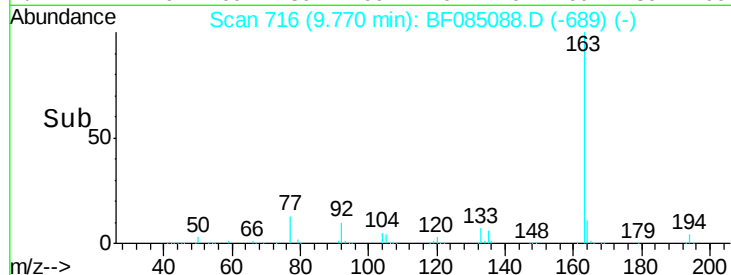
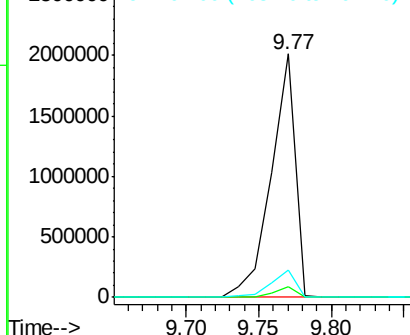
164 11.3 7.8 11.8

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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: 92.79 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

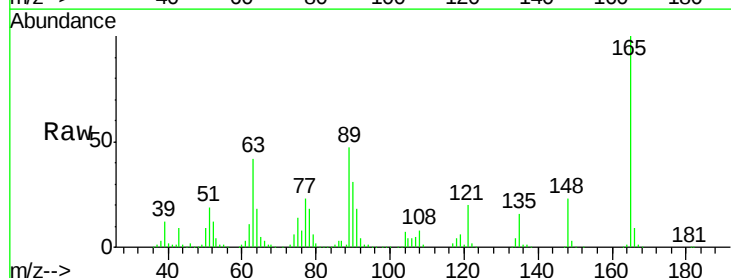
Tgt Ion:165 Resp: 578940

Ion Ratio Lower Upper

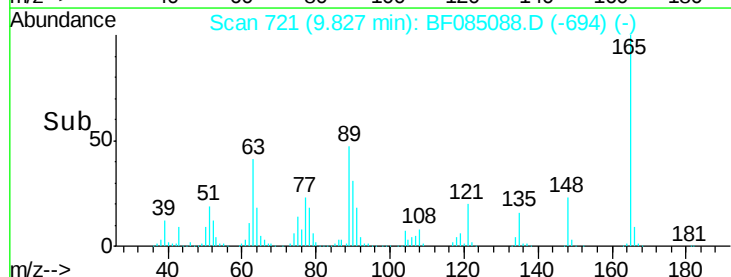
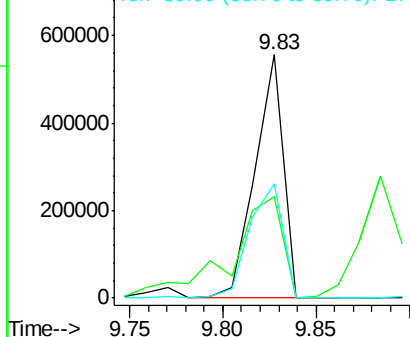
165 100

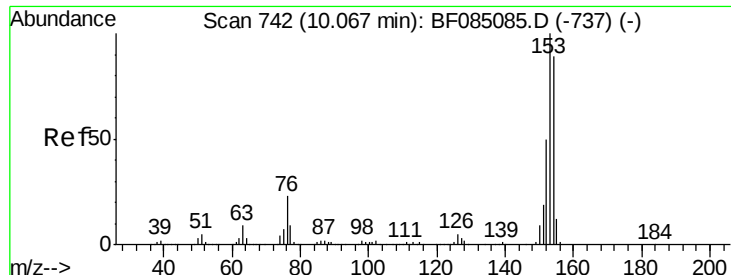
63 41.5 47.5 71.3#

89 47.1 42.9 64.3



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: 73.68 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1849117

Ion Ratio Lower Upper

154 100

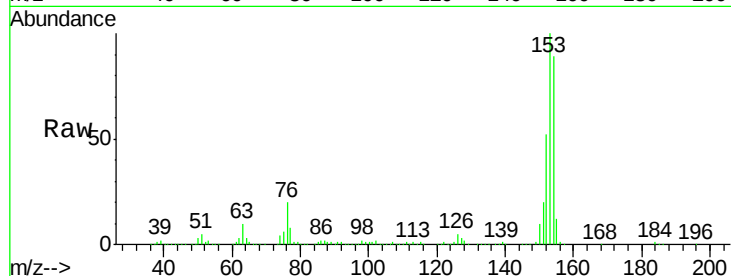
153 111.9 89.5 134.3

152 57.8 40.7 61.1

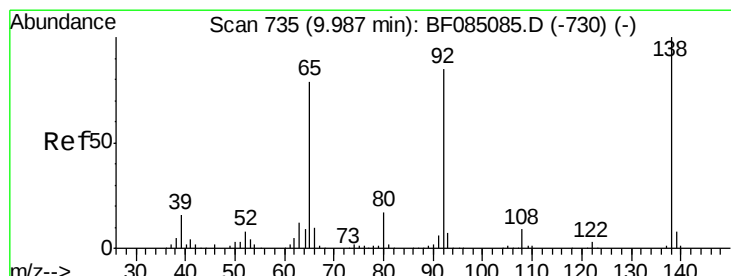
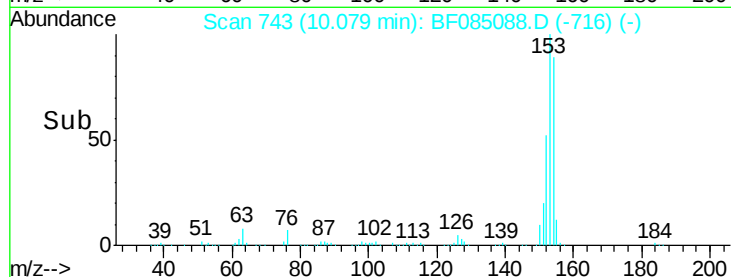
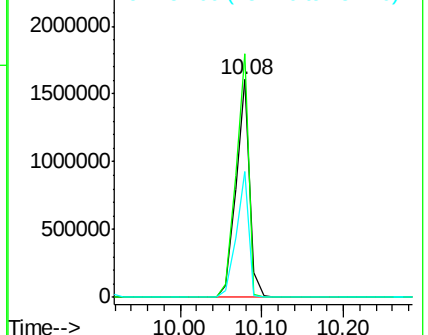
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 87.99 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

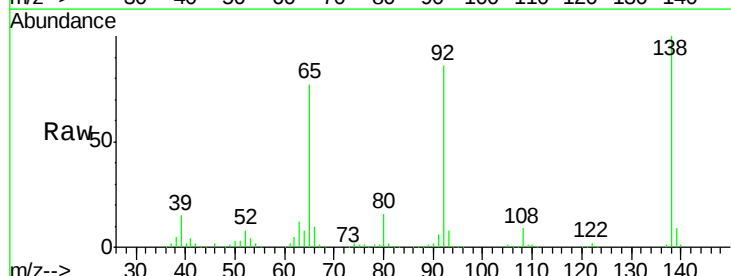
Tgt Ion:138 Resp: 609901

Ion Ratio Lower Upper

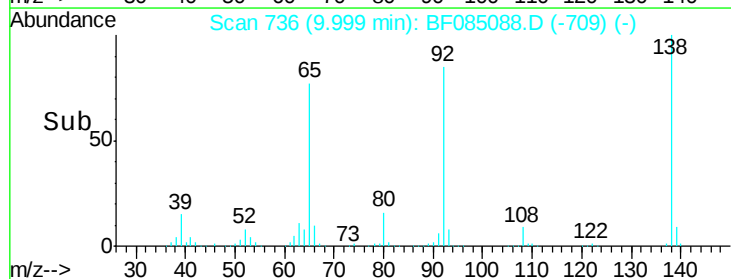
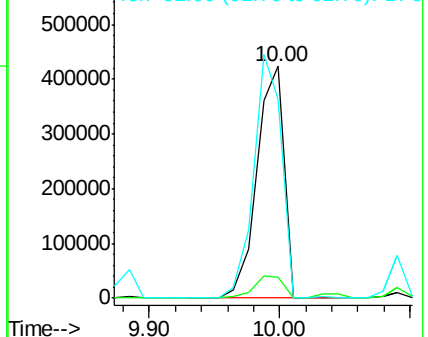
138 100

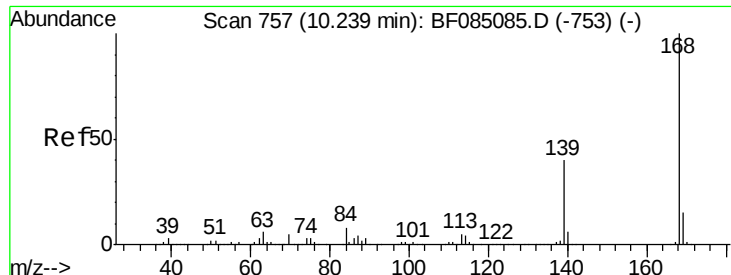
108 8.8 9.1 13.7#

92 85.7 88.9 133.3#



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





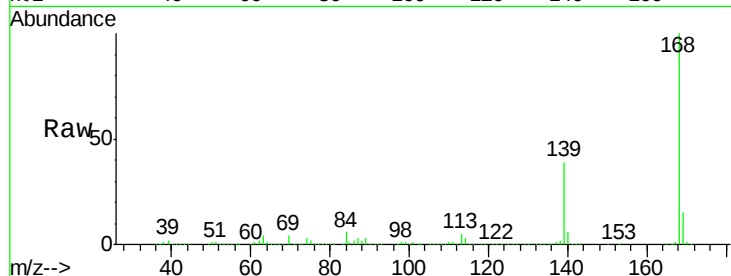
#54  
Dibenzenofuran  
Concen: 74.16 ng  
RT: 10.25 min Scan# 758  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

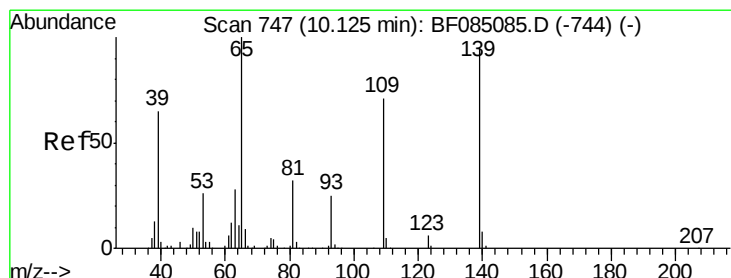
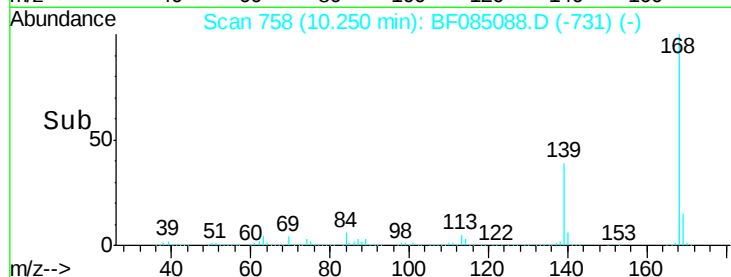
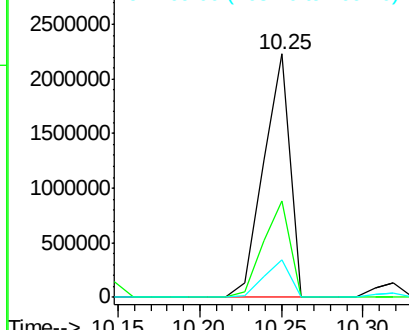
Tot Ion:168 Resp: 2489477  
Ion Ratio Lower Upper  
168 100  
139 39.4 33.0 49.4  
169 15.2 10.9 16.3

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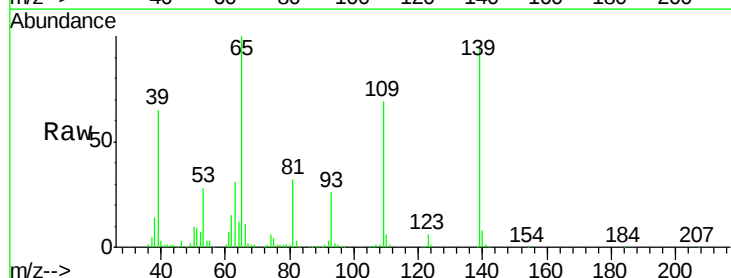


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

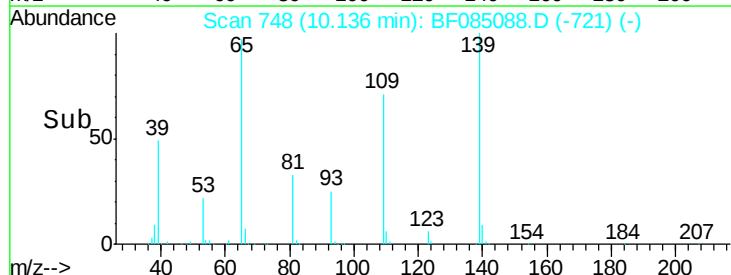
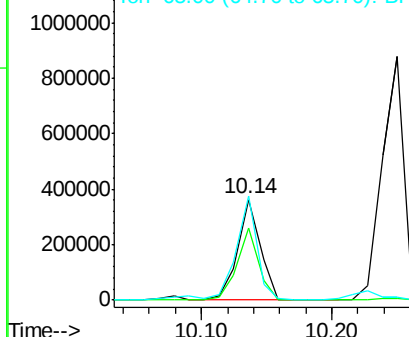


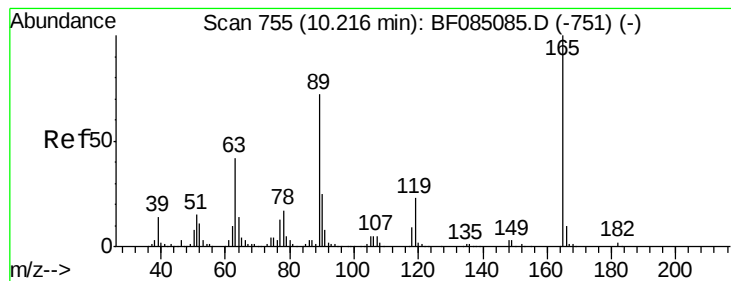
#55  
4-Nitrophenol  
Concen: 98.73 ng  
RT: 10.14 min Scan# 748  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Tgt Ion:139 Resp: 439066  
Ion Ratio Lower Upper  
139 100  
109 71.6 48.7 88.7  
65 104.2 78.8 118.8



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 82.39 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

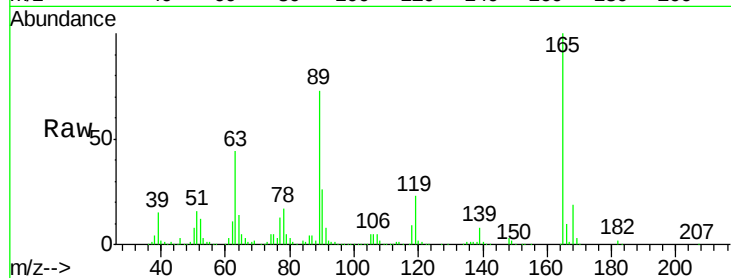
ClientSampleId :

SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 700159 |       |       |
| 63      | 43.8  |        | 36.6  | 55.0  |
| 89      | 72.7  |        | 54.4  | 81.6  |
| 182     | 2.3   |        | 1.6   | 2.4   |

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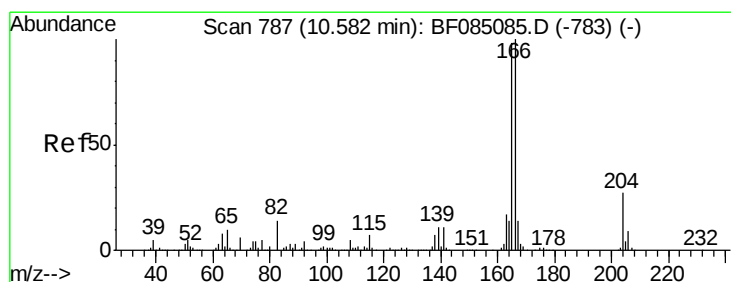
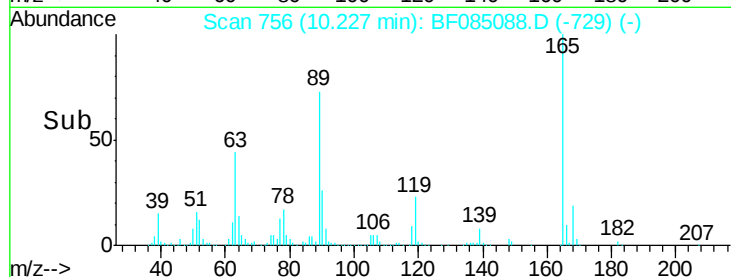
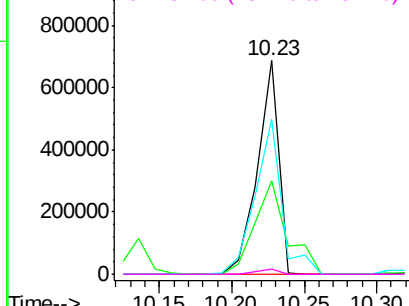


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 66.70 ng

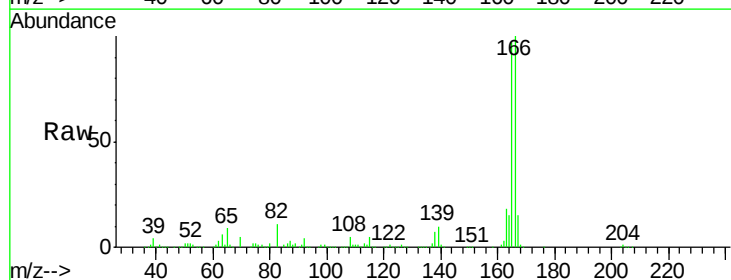
RT: 10.59 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

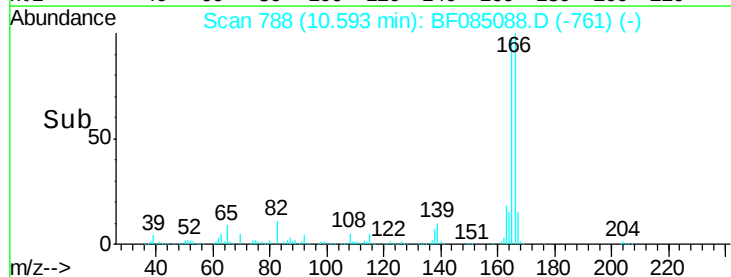
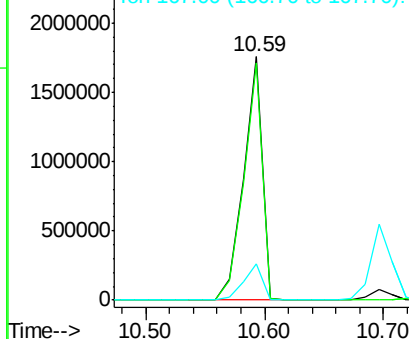
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1920104 |       |       |
| 165     | 97.3  |         | 78.9  | 118.3 |
| 167     | 14.7  |         | 10.9  | 16.3  |

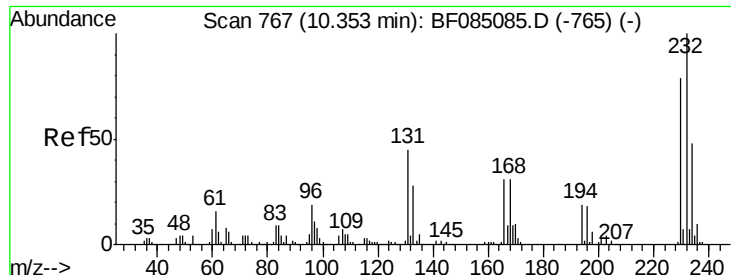


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





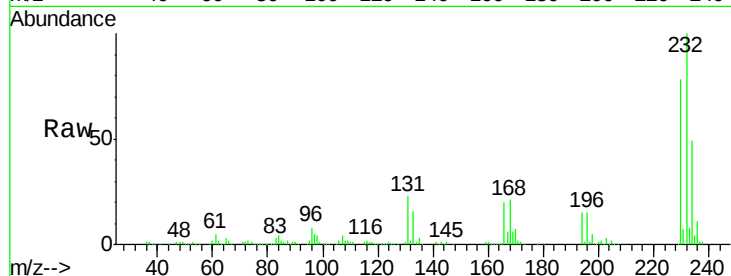
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 84.04 ng  
 RT: 10.36 min Scan# 768  
 Delta R.T. 0.01 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

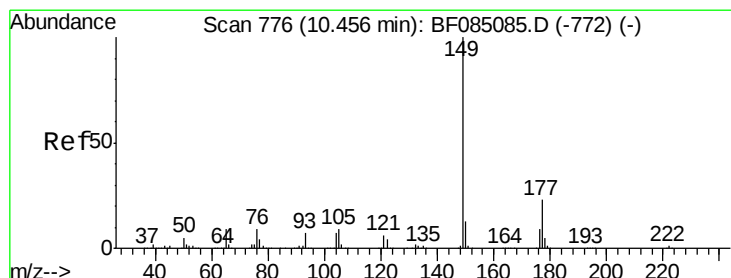
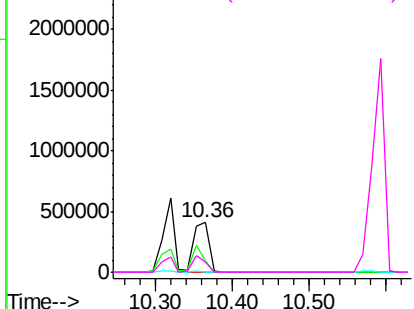
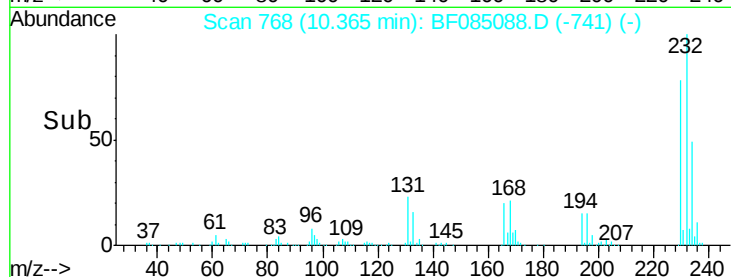
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 558933 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 42.0  | 39.7  | 59.5   |
| 130       | 2.1   | 1.8   | 2.8    |
| 166       | 29.1  | 24.2  | 36.2   |

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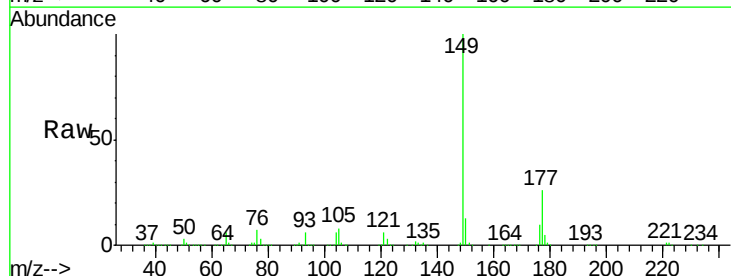


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

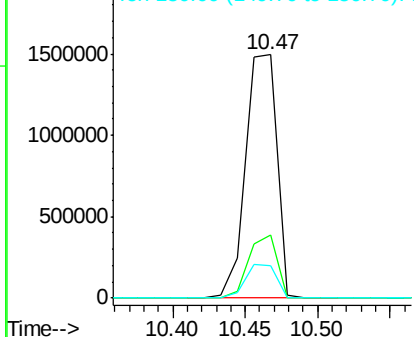
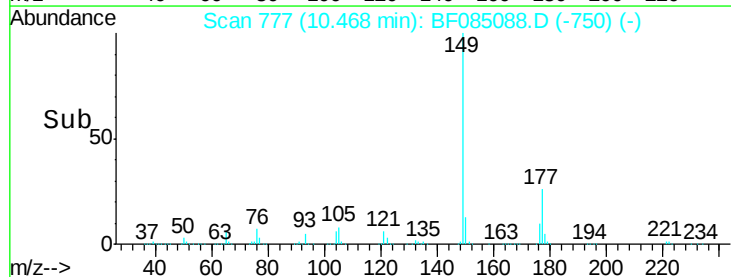


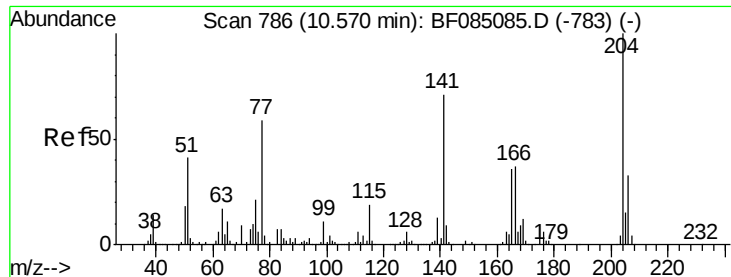
#59  
 Diethylphthalate  
 Concen: 74.26 ng  
 RT: 10.47 min Scan# 777  
 Delta R.T. 0.01 min  
 Lab File: BF085088.D  
 Acq: 17 Feb 2016 15:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 2237804 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 26.1  | 16.4  | 24.6#   |
| 150       | 13.2  | 10.2  | 15.4    |



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: 73.47 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:204 Resp: 1013480

Ion Ratio Lower Upper

204 100

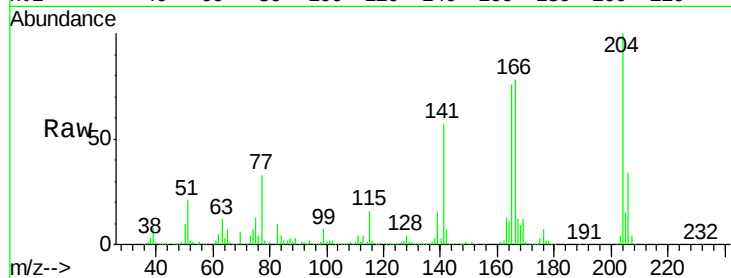
206 34.5 25.8 38.6

141 57.5 50.5 75.7

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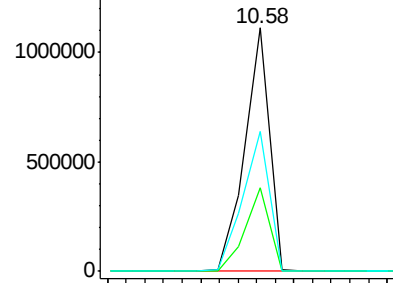
2/19/2016 7:57:10 AM



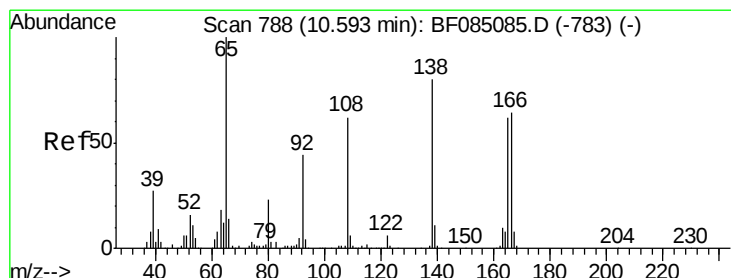
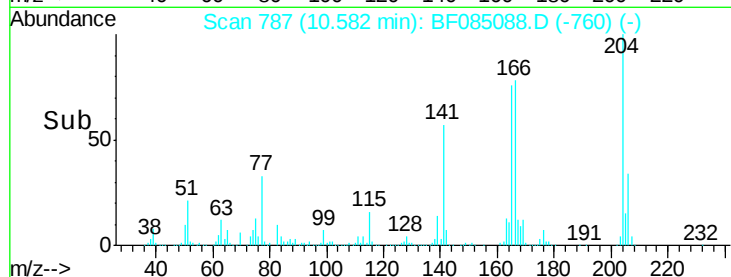
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.50 10.55 10.60



#61

4-Nitroaniline

Concen: 88.32 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.02 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

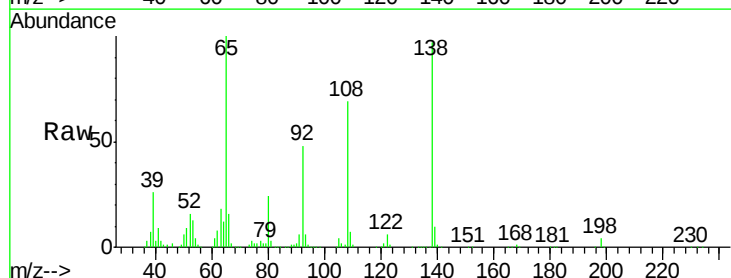
Tgt Ion:138 Resp: 562488

Ion Ratio Lower Upper

138 100

92 49.1 32.6 72.6

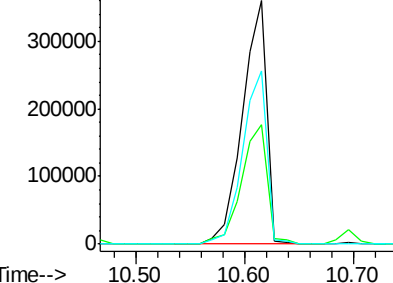
108 71.0 54.6 94.6



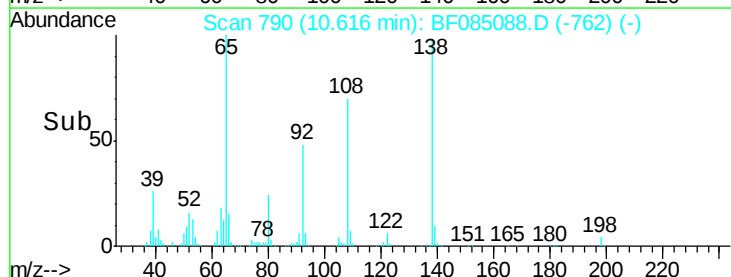
Abundance Ion 138.00 (137.70 to 138.70): E

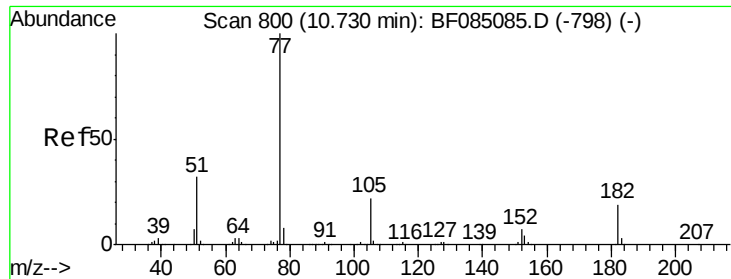
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



Time--> 10.50 10.60 10.70





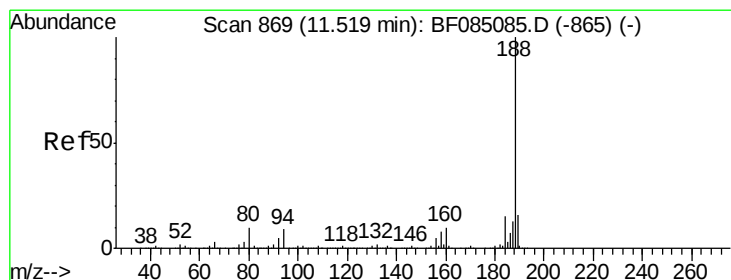
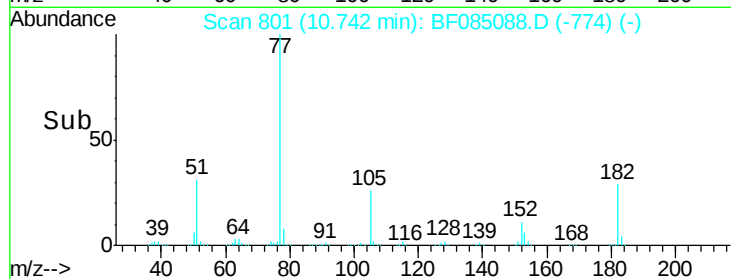
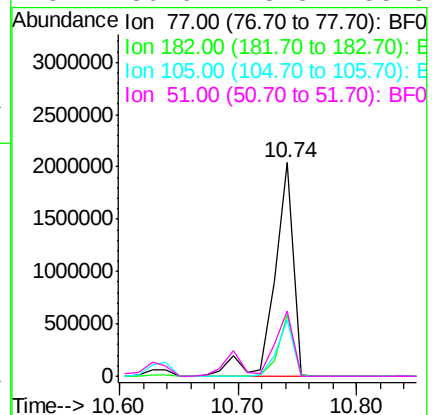
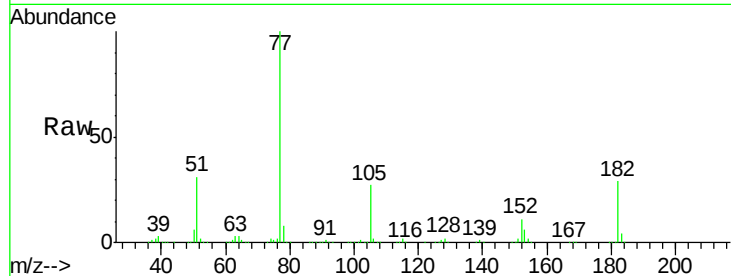
#62  
Azobenzene  
Concen: 77.92 ng  
RT: 10.74 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 28.9 | 1.3   | 41.3  |       |
| 105     | 26.6 | 4.2   | 44.2  |       |
| 51      | 30.6 | 13.5  | 53.5  |       |

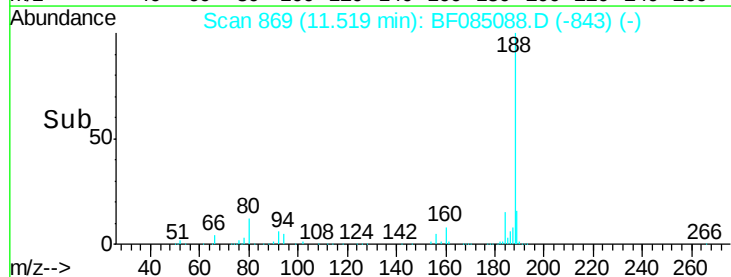
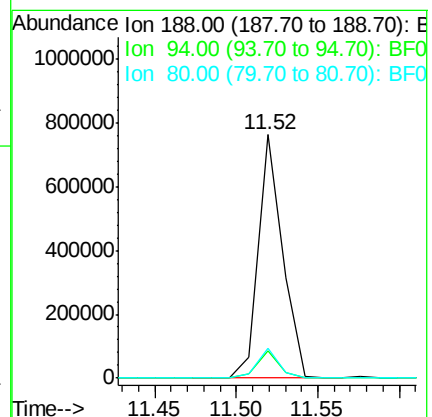
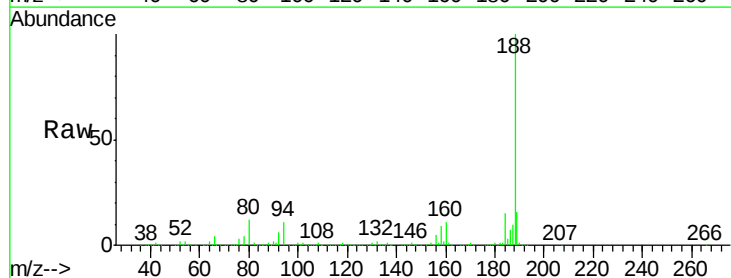
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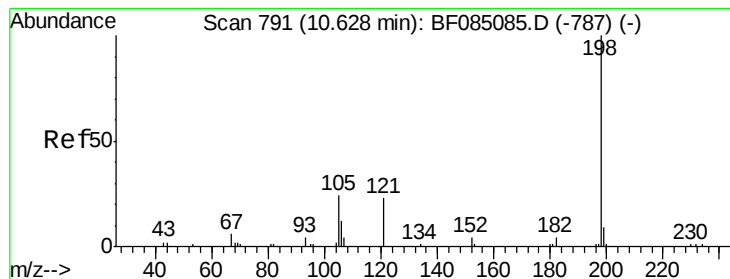
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#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.52 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 11.3 | 6.2   | 9.2#  |       |
| 80      | 12.3 | 6.6   | 9.8#  |       |





#64

4,6-Dinitro-2-methylphenol

Concen: 95.39 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

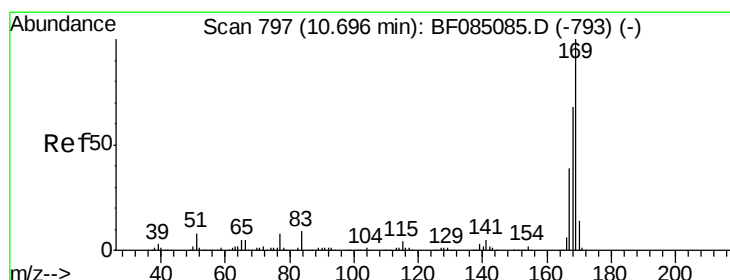
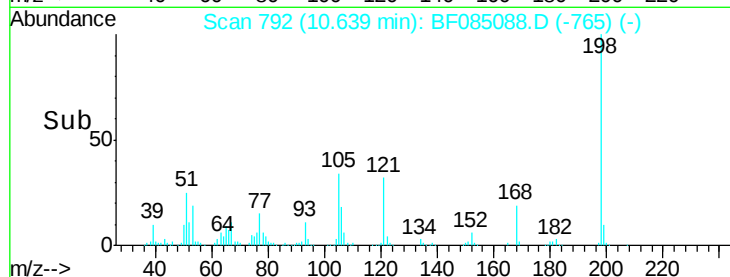
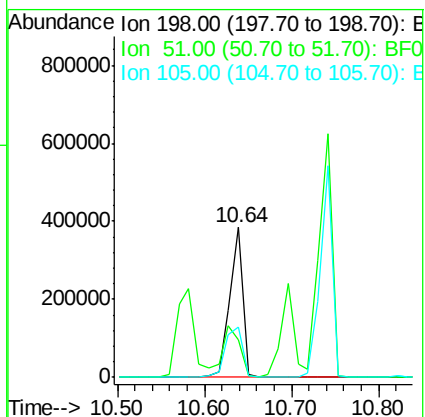
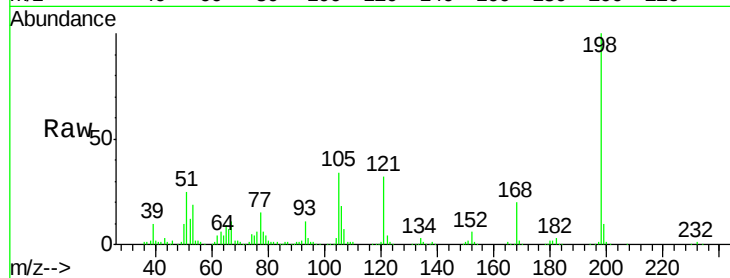
ClientSampleId :

SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 24.7  | 34.5  | 74.5# |
| 105     | 33.7  | 26.2  | 66.2  |

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#65

n-Nitrosodiphenylamine

Concen: 68.85 ng

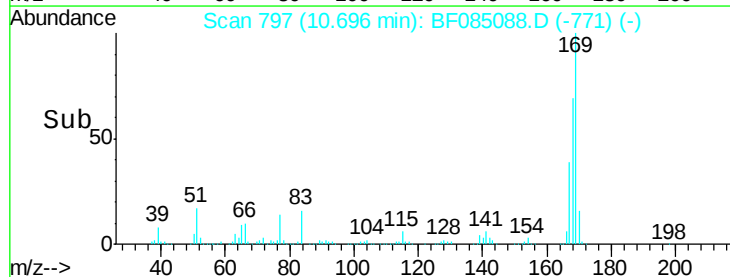
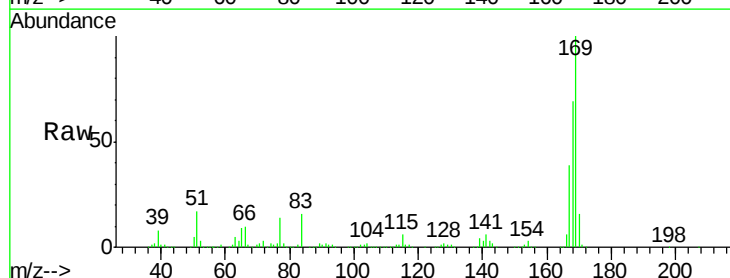
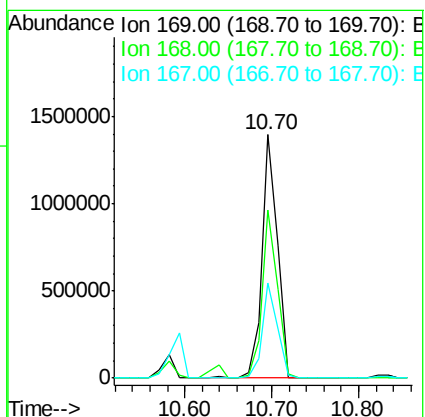
RT: 10.70 min Scan# 797

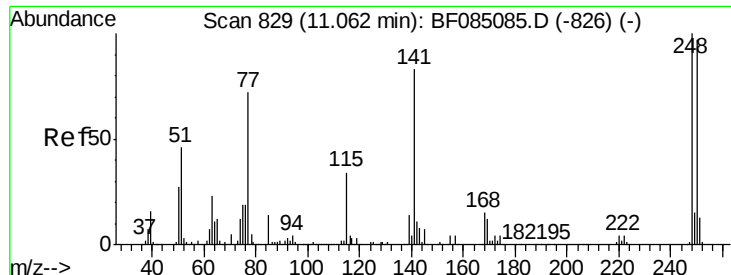
Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.9  | 54.8  | 82.2  |
| 167     | 39.3  | 29.8  | 44.8  |





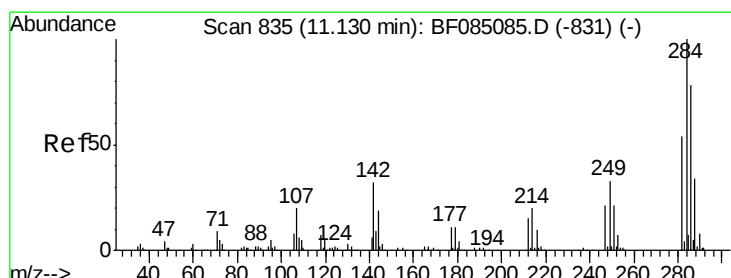
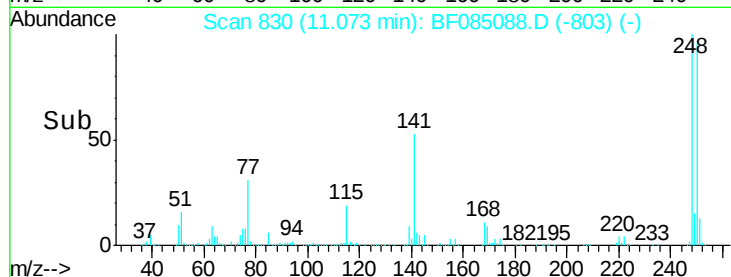
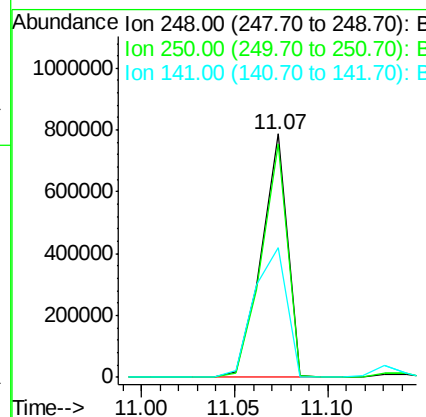
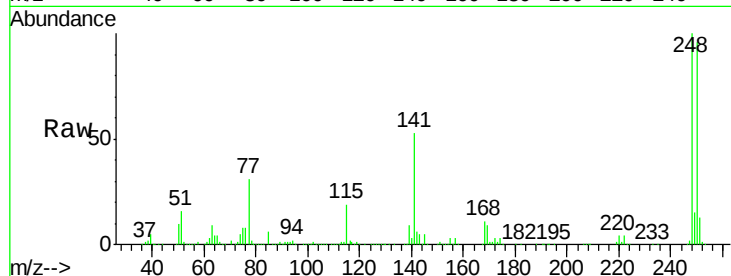
#66  
4-Bromophenyl-phenylether  
Concen: 85.97 ng  
RT: 11.07 min Scan# 830  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.8  | 77.5  | 116.3 |
| 141     | 53.2  | 58.2  | 87.4# |

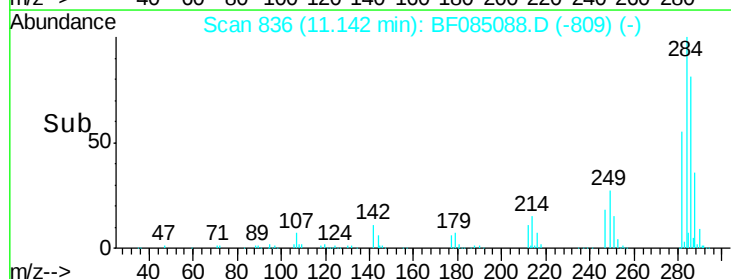
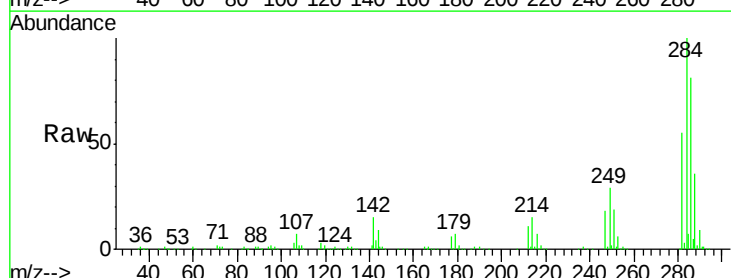
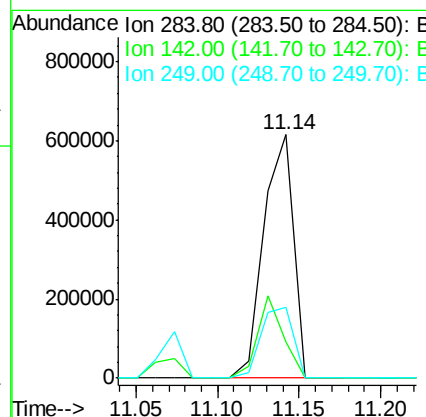
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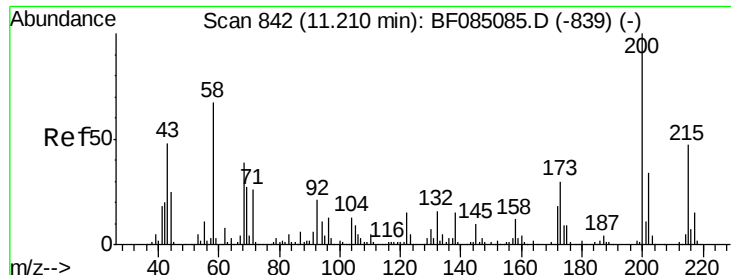
Sohil  
2/19/2016 7:57:10 AM



#67  
Hexachlorobenzene  
Concen: 82.51 ng  
RT: 11.14 min Scan# 836  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 15.0  | 33.5  | 50.3# |
| 249     | 28.9  | 27.4  | 41.2  |





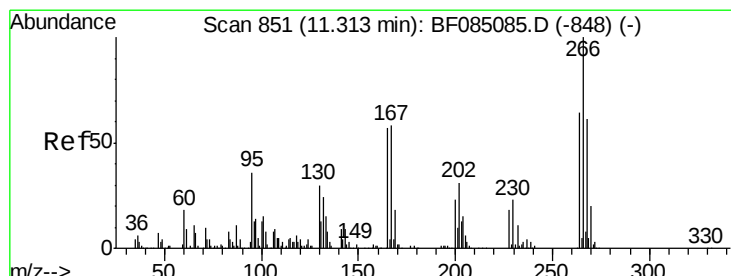
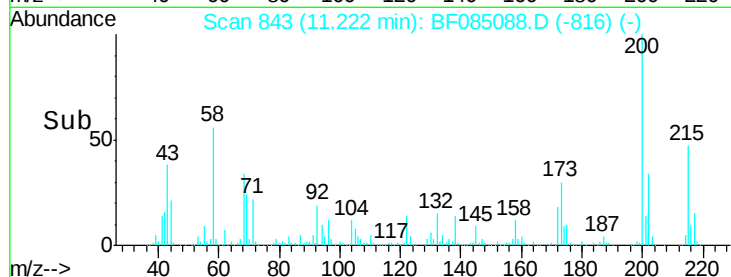
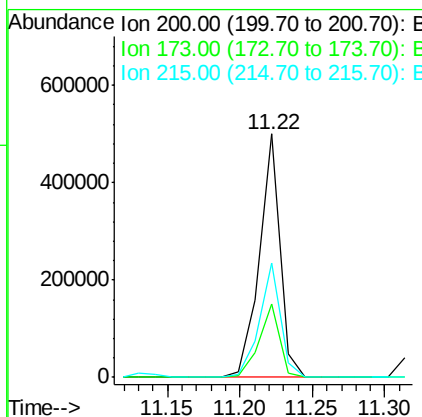
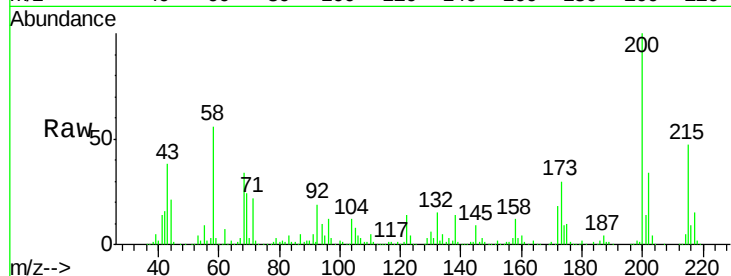
#68  
Atrazine  
Concen: 67.97 ng  
RT: 11.22 min Scan# 843  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 30.0  | 4.7   | 44.7  |
| 215     | 47.2  | 24.8  | 64.8  |

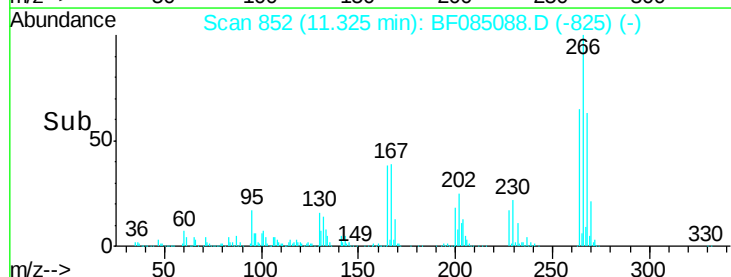
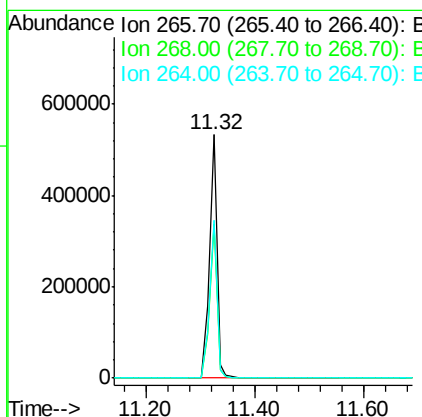
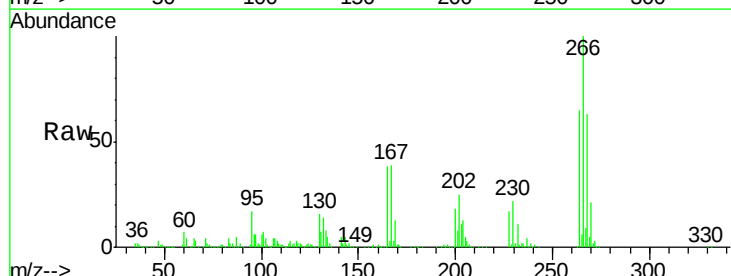
Manual Integrations  
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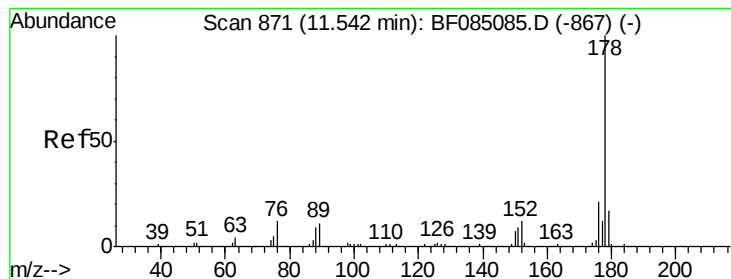
Sohil  
2/19/2016 7:57:10 AM



#69  
Pentachlorophenol  
Concen: 140.31 ng  
RT: 11.32 min Scan# 852  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 47.3  | 70.9  |
| 264     | 64.7  | 49.8  | 74.6  |





#70

Phenanthrene

Concen: 65.42 ng

RT: 11.55 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2851537

Ion Ratio Lower Upper

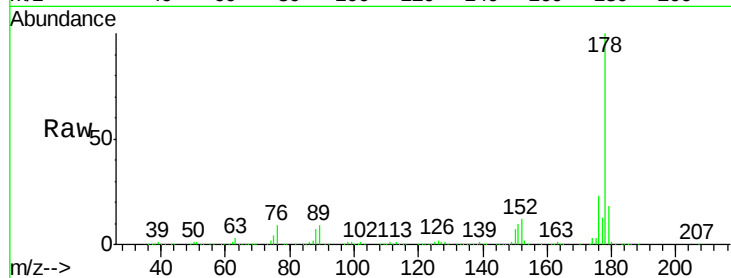
178 100

176 23.4 15.9 23.9

179 18.0 13.1 19.7

Manual Integrations  
APPROVED

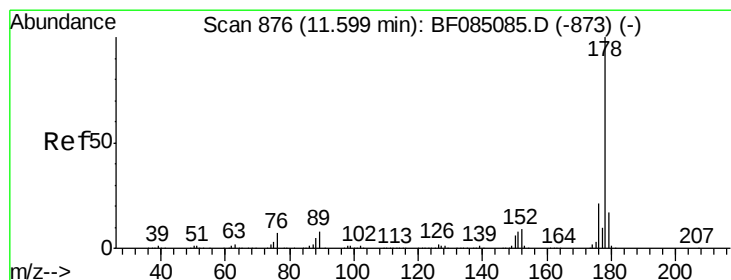
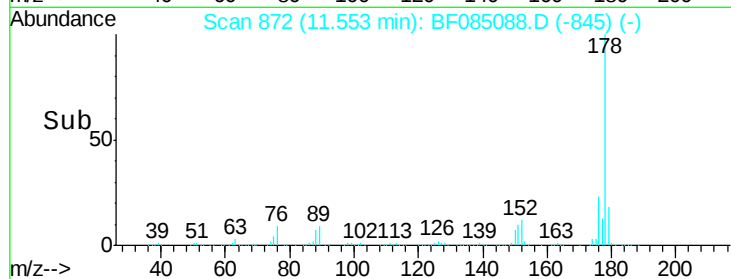
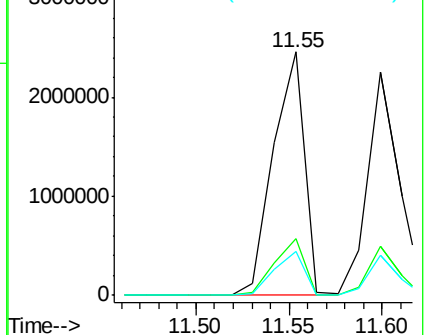
Sohil  
2/19/2016 7:57:10 AM



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: 56.12 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

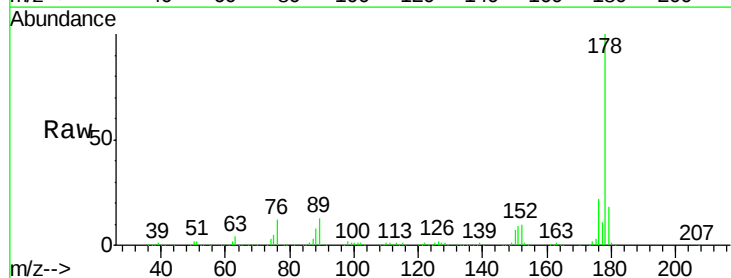
Tgt Ion:178 Resp: 2555970

Ion Ratio Lower Upper

178 100

176 22.3 14.8 22.2#

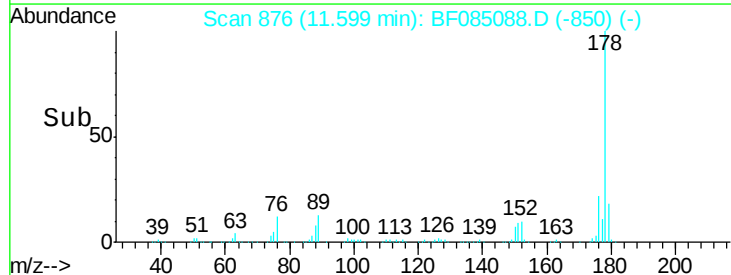
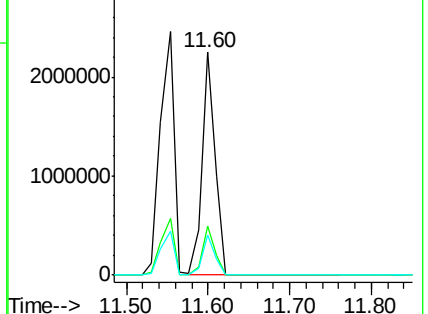
179 18.0 12.2 18.2

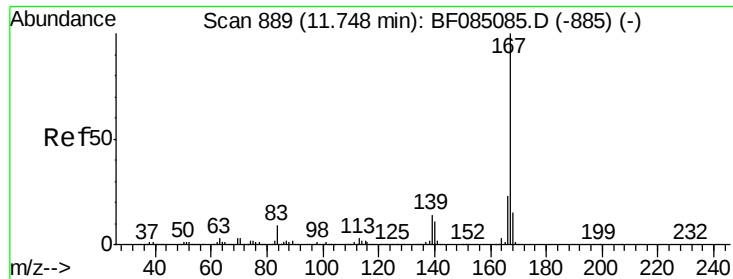


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 69.21 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 2610016

Ion Ratio Lower Upper

167 100

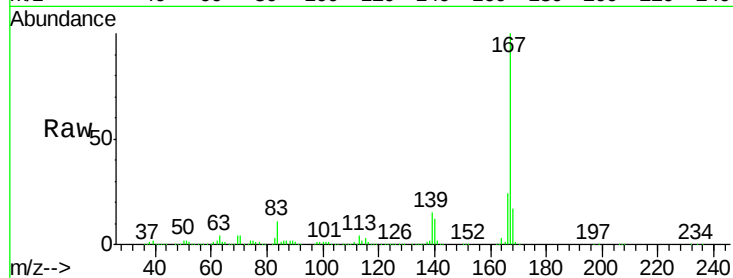
166 23.8 17.4 26.0

139 15.4 11.0 16.6

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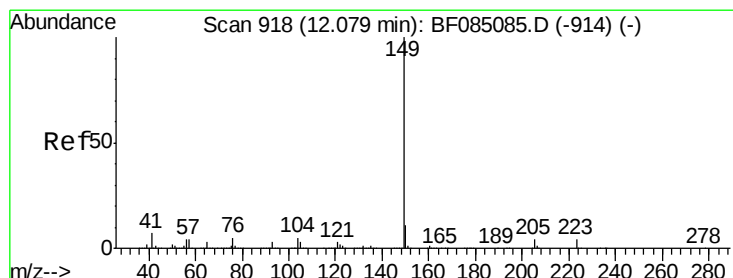
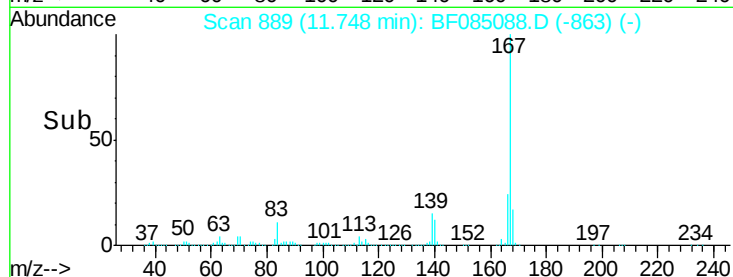
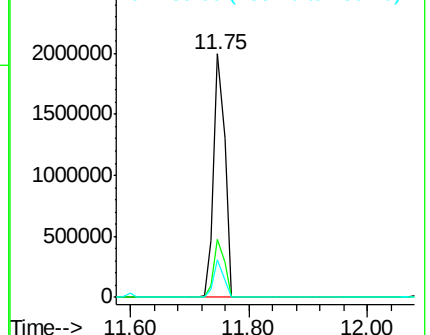
2/19/2016 7:57:10 AM



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: 54.45 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

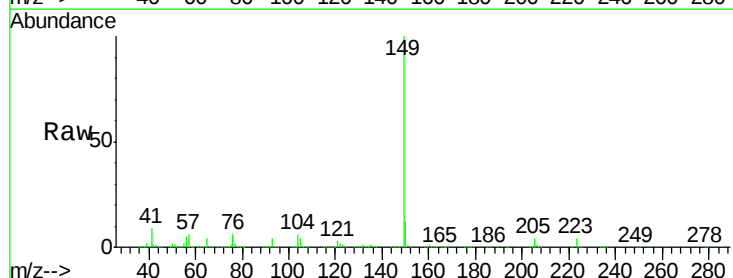
Tgt Ion:149 Resp: 2695446

Ion Ratio Lower Upper

149 100

150 11.6 7.5 11.3#

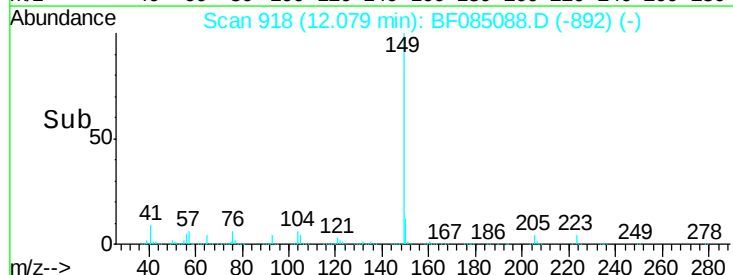
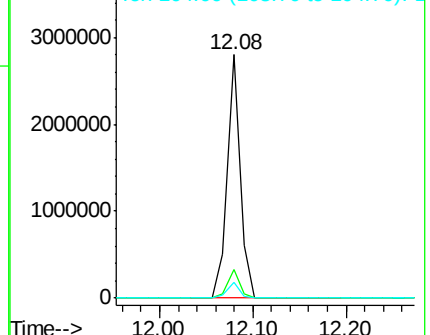
104 6.4 4.2 6.2#

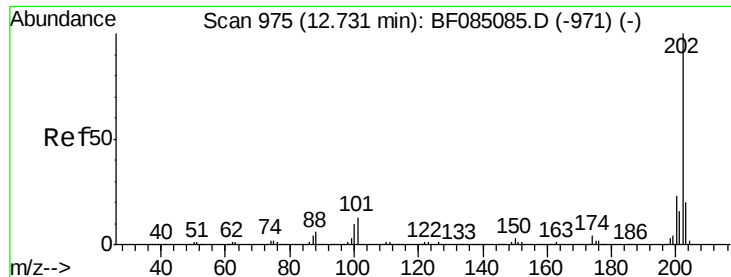


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 72.14 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

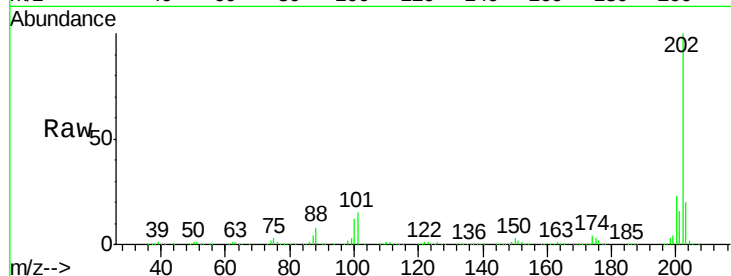
ClientSampleId :

SSTDIC080

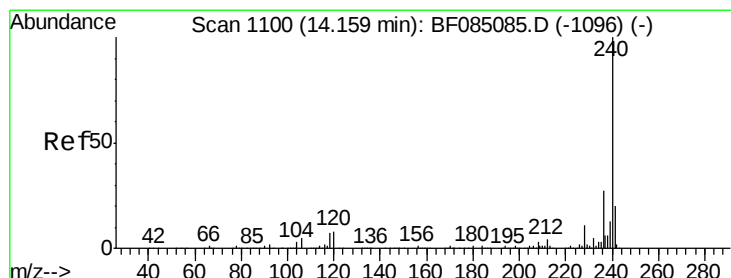
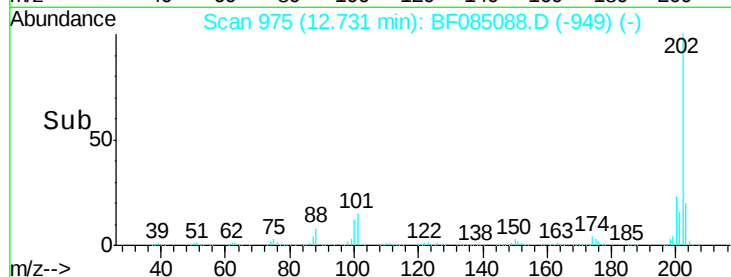
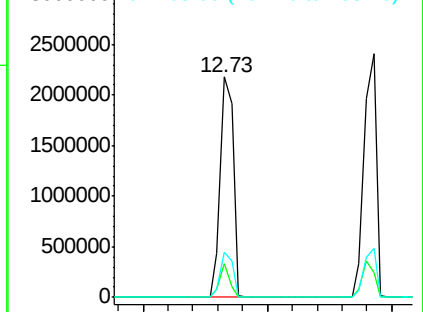
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3132920 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 15.3  | 0.0   | 29.8    |
| 203      | 20.3  | 0.0   | 37.5    |

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



#75

Chrysene-d12

Concen: 20.00 ng

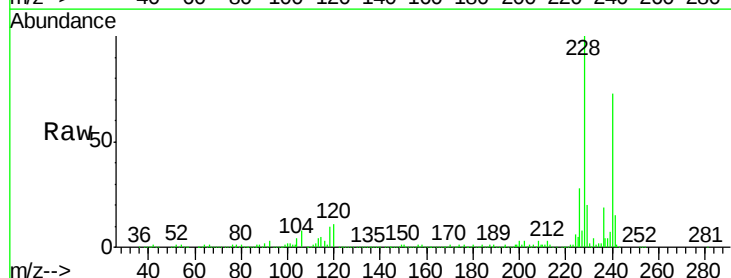
RT: 14.16 min Scan# 1100

Delta R.T. -0.00 min

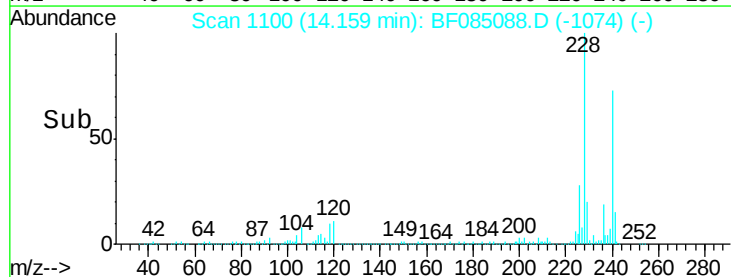
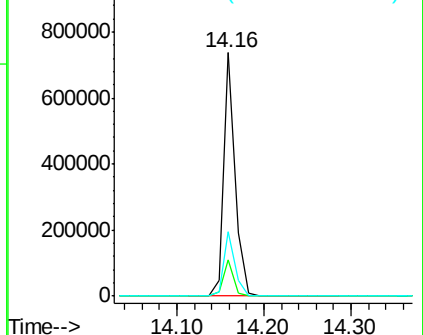
Lab File: BF085088.D

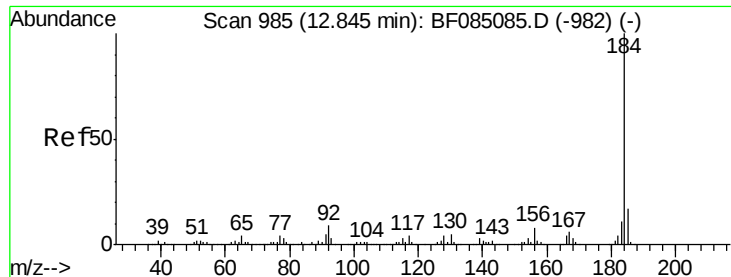
Acq: 17 Feb 2016 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 679460 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 15.1  | 7.0   | 10.6#  |
| 236      | 26.6  | 20.5  | 30.7   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 114.11 ng

RT: 12.86 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1365196

Ion Ratio Lower Upper

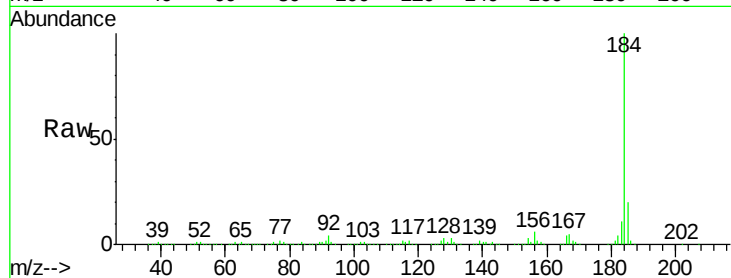
184 100

185 19.6 11.8 17.8#

183 11.4 8.6 12.8

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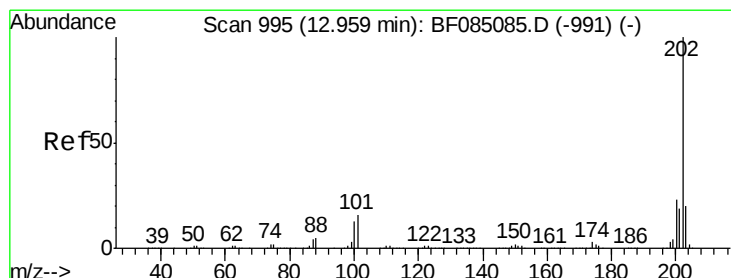
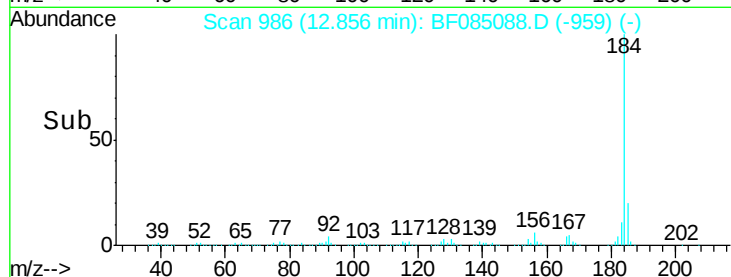
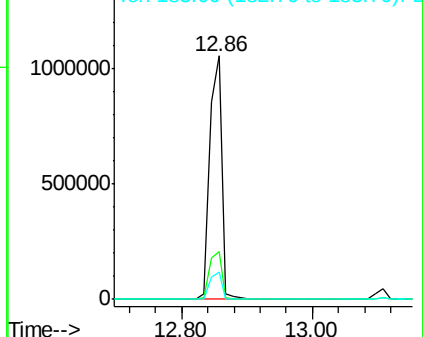
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2/19/2016 7:57:10 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 59.94 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

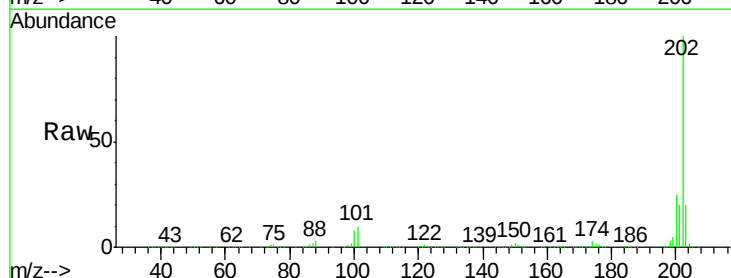
Tgt Ion:202 Resp: 3257512

Ion Ratio Lower Upper

202 100

200 24.5 17.0 25.4

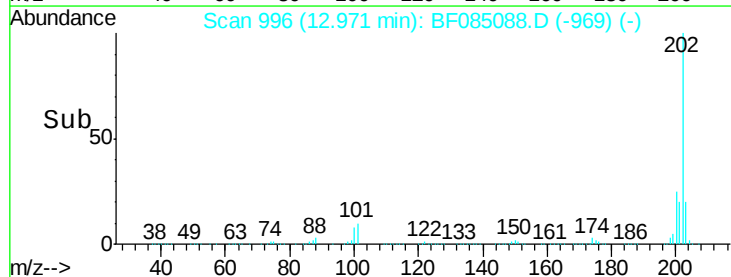
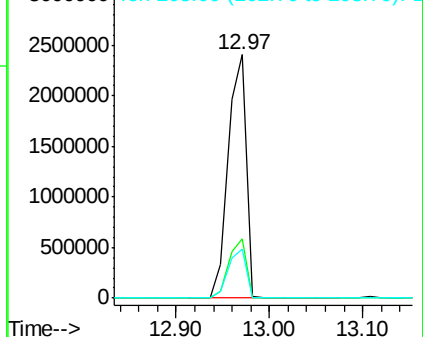
203 20.0 14.2 21.4

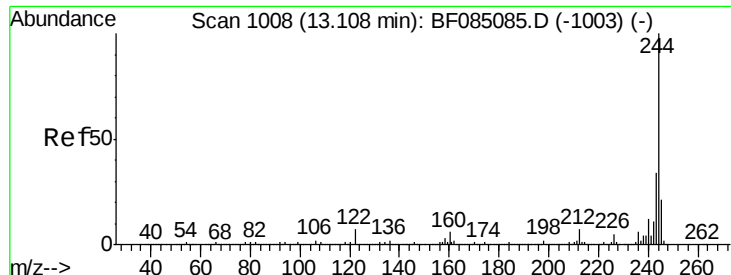


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.69 ng

RT: 13.11 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 3159009

Ion Ratio Lower Upper

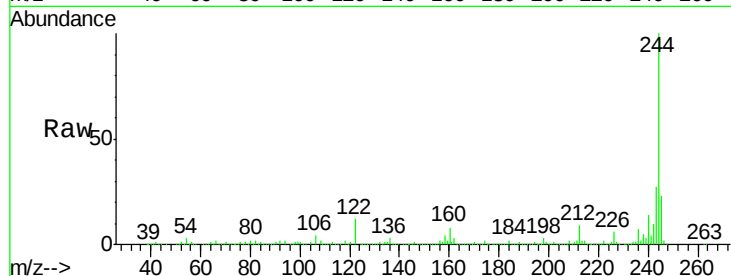
244 100

212 9.0 6.0 9.0#

122 11.9 10.1 15.1

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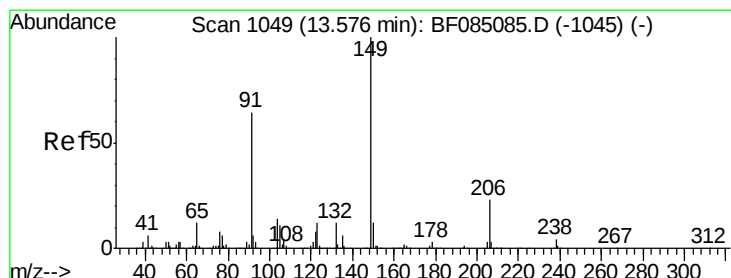
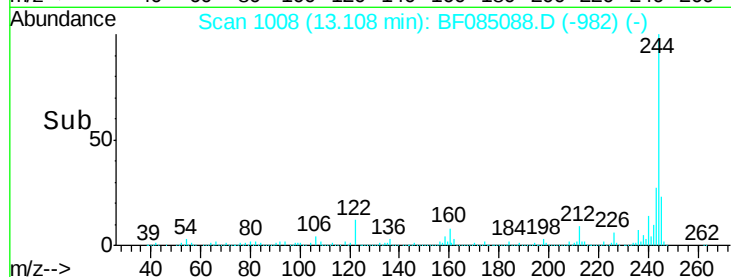
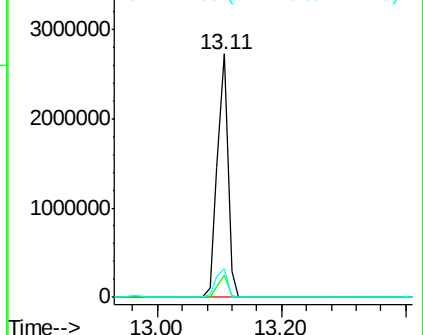
Sohil  
2/19/2016 7:57:10 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 56.29 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

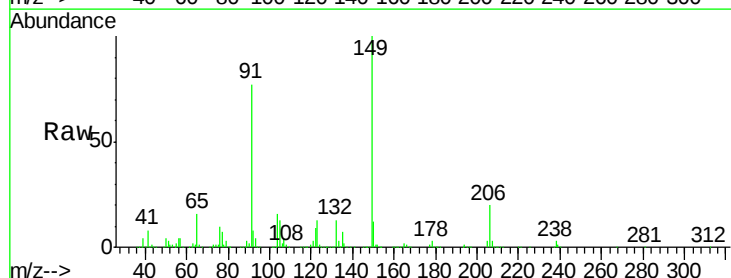
Tgt Ion:149 Resp: 1286752

Ion Ratio Lower Upper

149 100

91 77.2 57.8 86.8

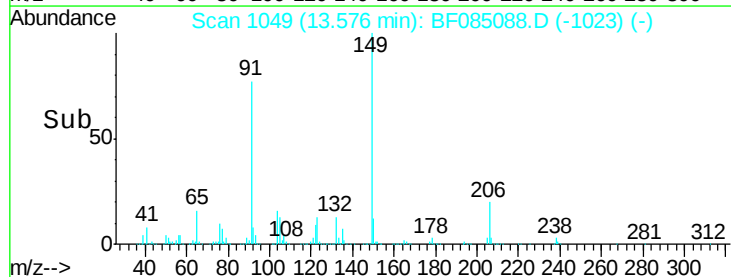
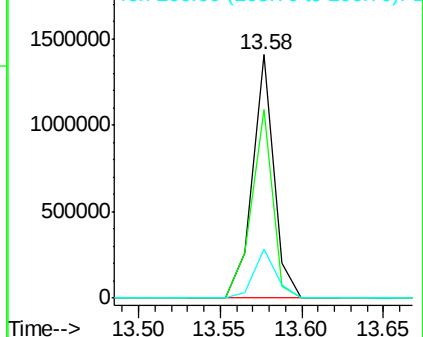
206 20.3 13.8 20.8

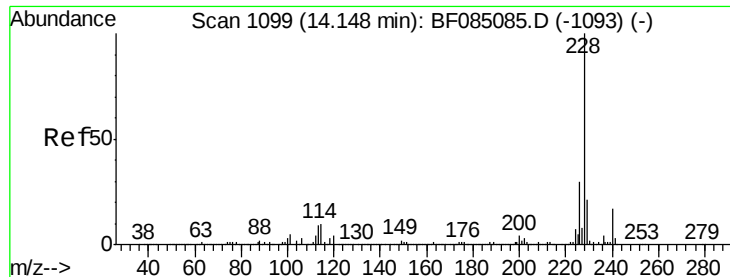


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 67.65 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 2661543

Ion Ratio Lower Upper

228 100

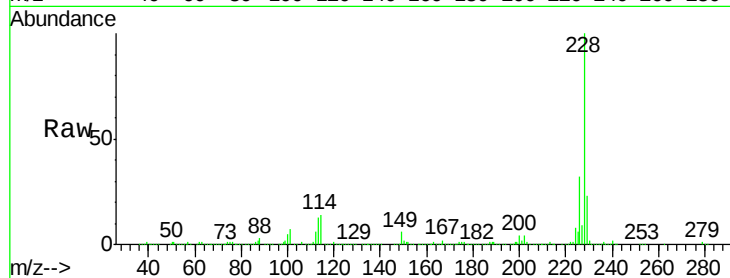
226 32.0 21.8 32.6

229 22.5 15.8 23.8

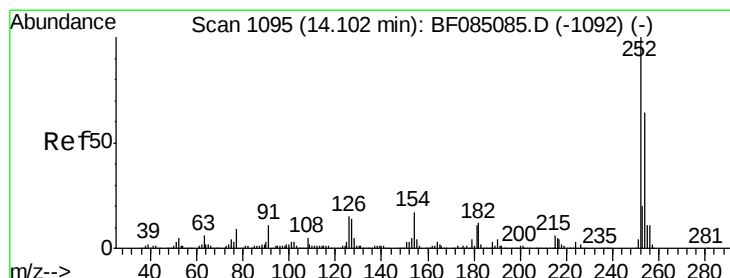
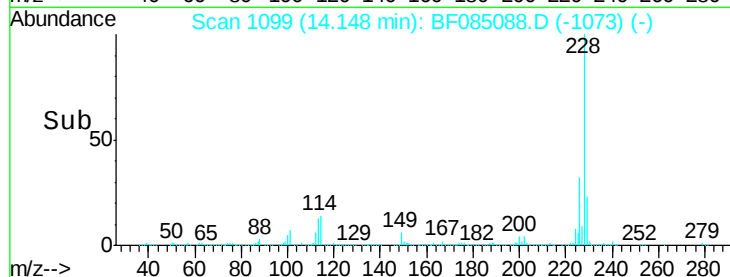
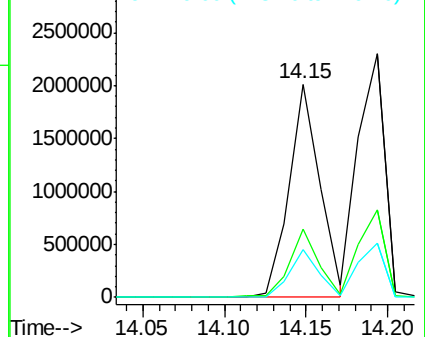
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 90.31 ng

RT: 14.11 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

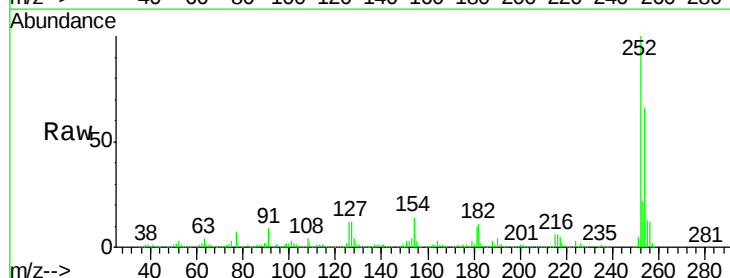
Tgt Ion:252 Resp: 1032688

Ion Ratio Lower Upper

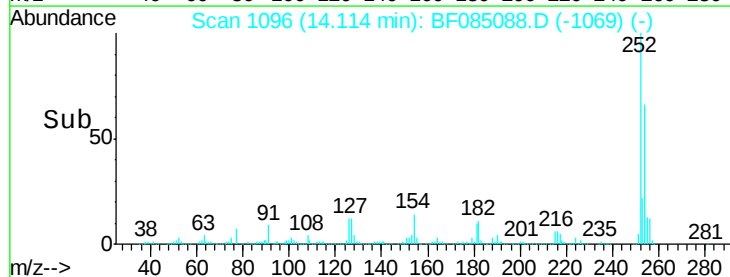
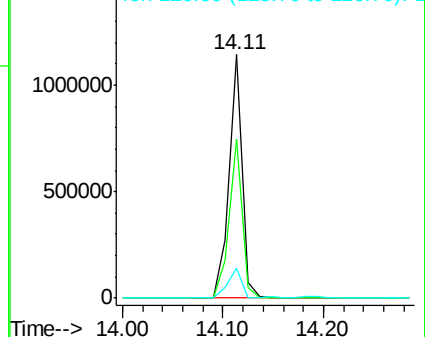
252 100

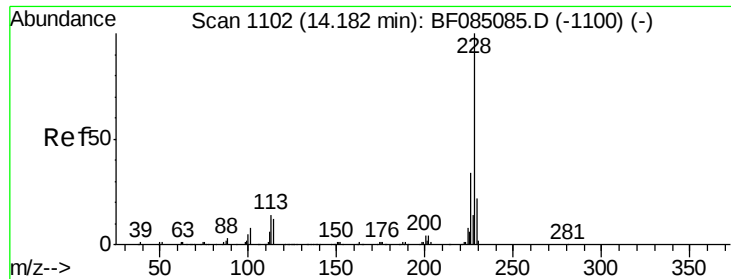
254 65.6 52.9 79.3

126 12.1 10.6 16.0



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





#82

Chrvsene

Concen: 70.42 ng

RT: 14.19 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 2686955

Ion Ratio Lower Upper

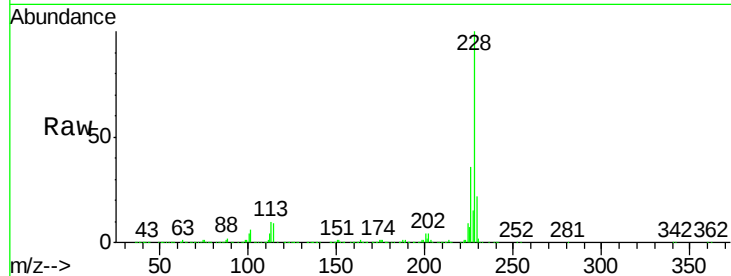
228 100

226 36.0 24.3 36.5

229 22.3 16.1 24.1

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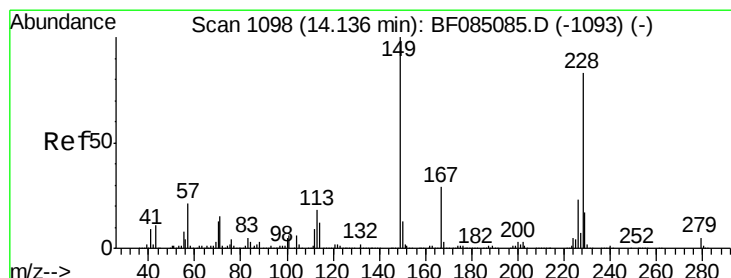
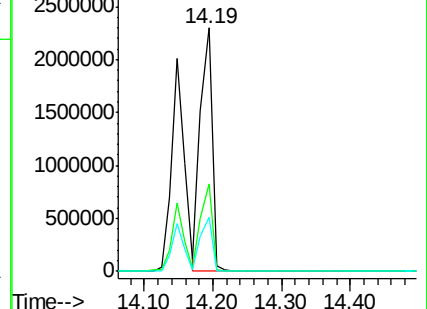
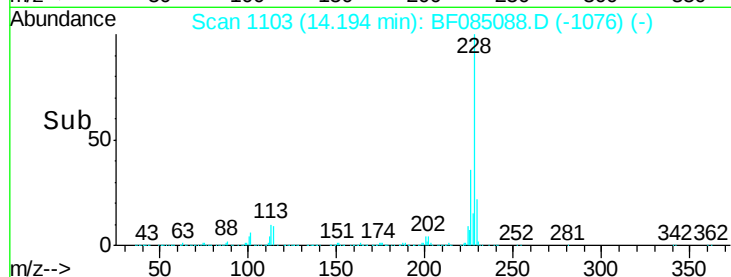
Sohil  
2/19/2016 7:57:10 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 58.16 ng

RT: 14.14 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

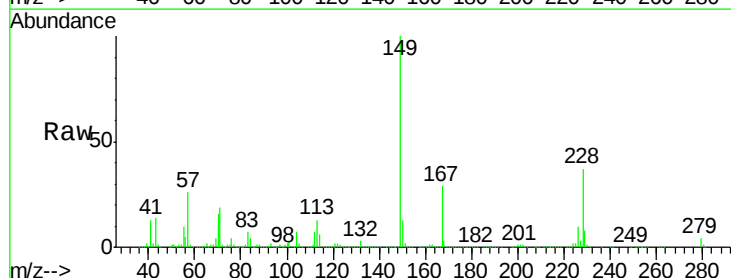
Tgt Ion:149 Resp: 1747684

Ion Ratio Lower Upper

149 100

167 28.8 21.0 31.6

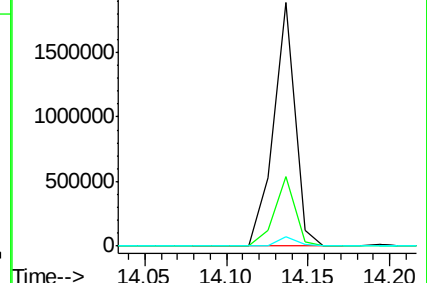
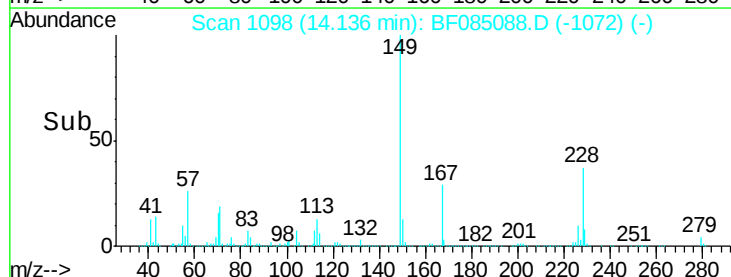
279 3.9 2.4 3.6#

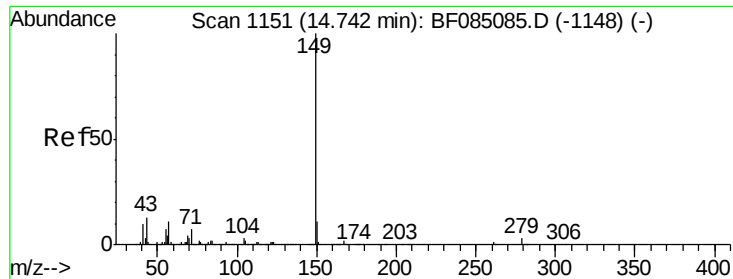


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 71.32 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

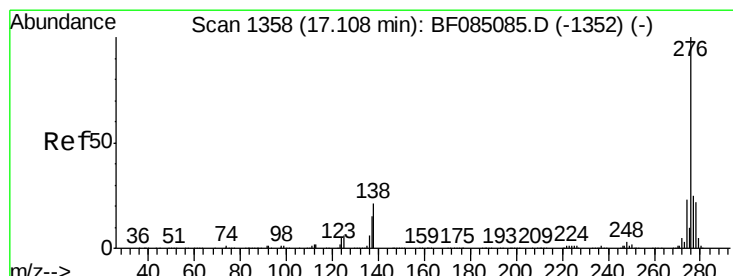
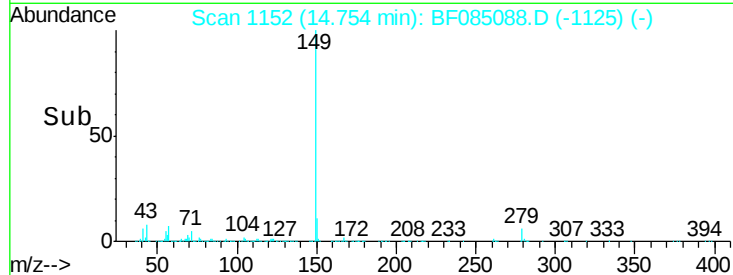
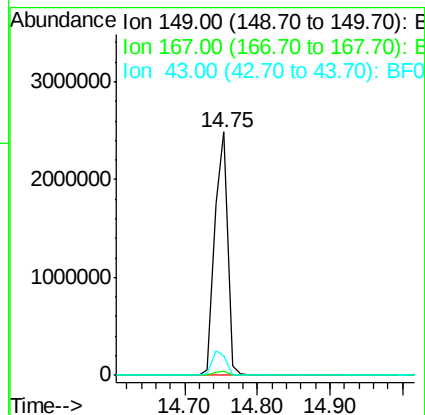
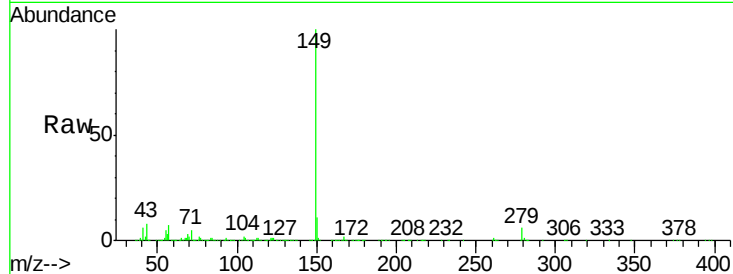
ClientSampleId :

SSTDIC080

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 3045141 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.7   | 1.2   | 1.8     |
| 43       | 10.9  | 9.0   | 13.6    |

Manual Integrations  
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#85

Indeno(1,2,3-cd)pyrene

Concen: 78.20 ng

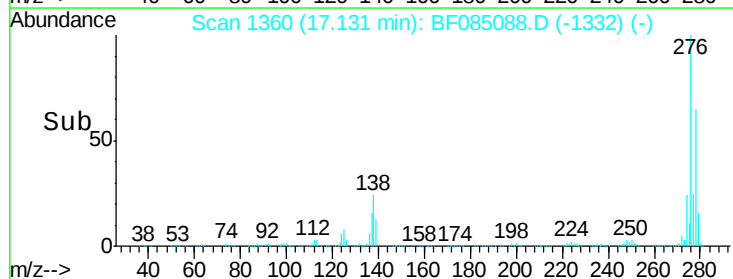
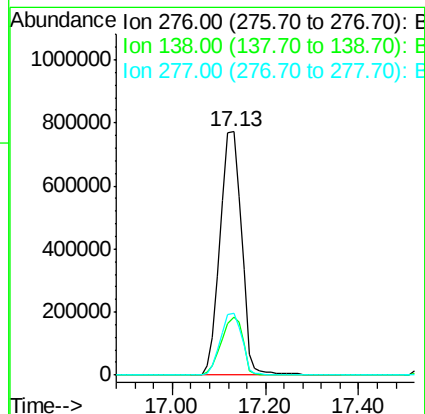
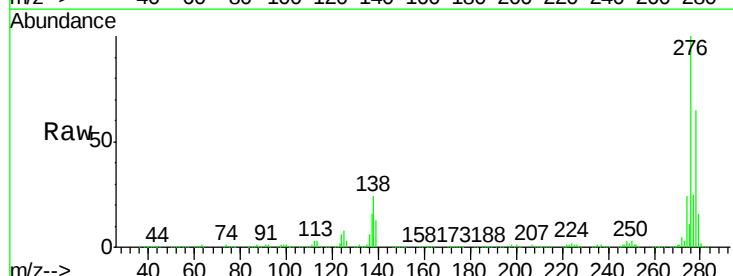
RT: 17.13 min Scan# 1360

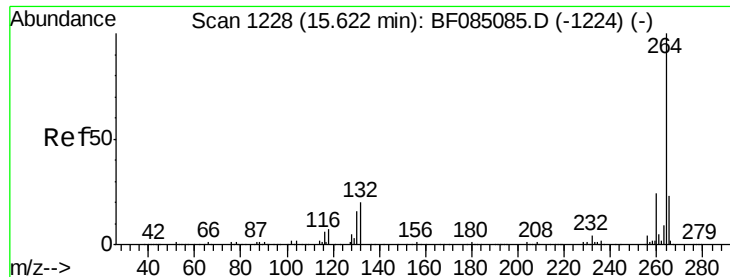
Delta R.T. 0.02 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2479165 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 24.3  | 19.0  | 28.4    |
| 277      | 25.6  | 20.0  | 30.0    |





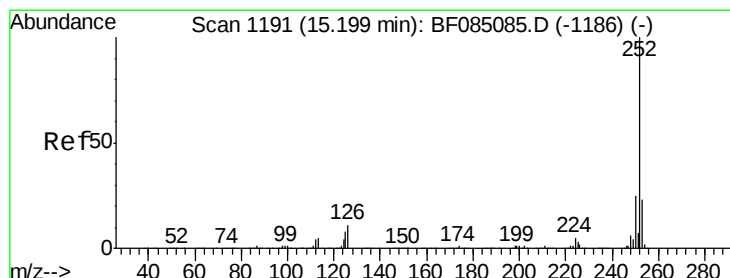
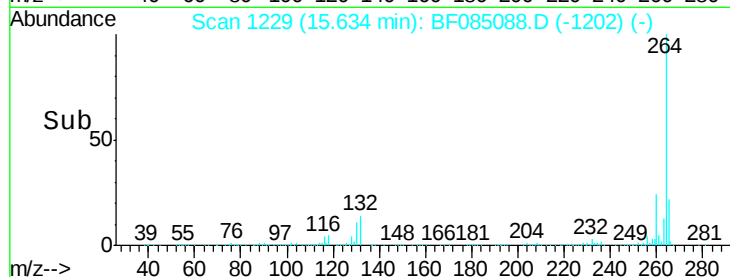
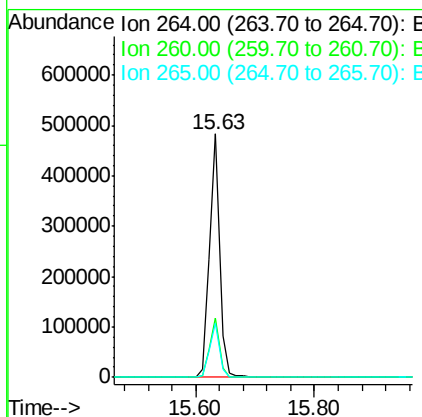
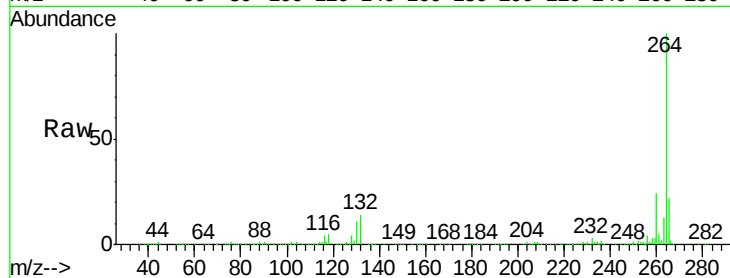
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.63 min Scan# 1229  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 18.5  | 27.7  |
| 265     | 22.4  | 16.7  | 25.1  |

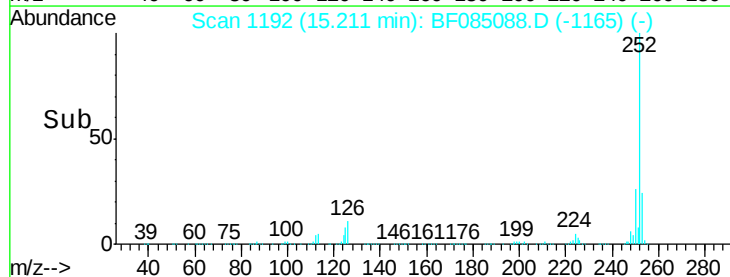
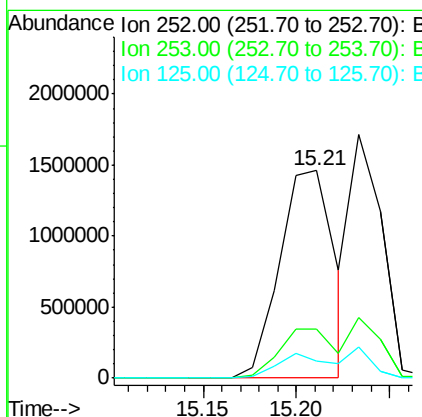
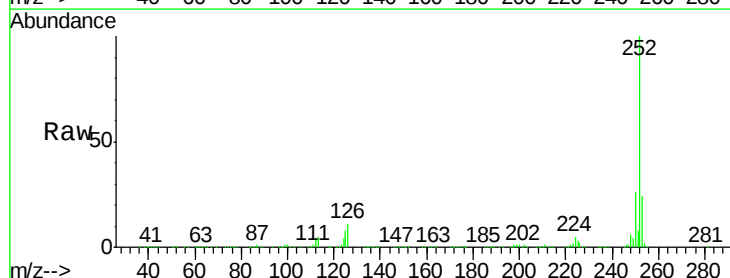
Manual Integrations  
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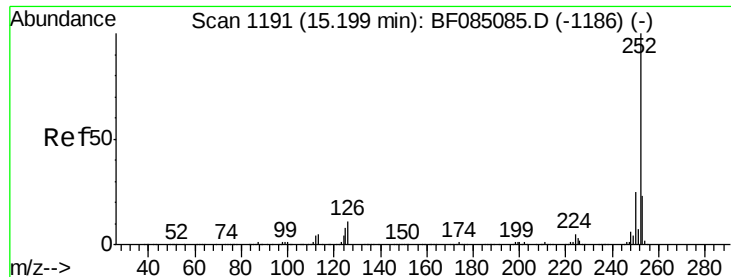
Sohil  
2/19/2016 7:57:10 AM



#87  
Benzo(b)fluoranthene  
Concen: 78.97 ng  
RT: 15.21 min Scan# 1192  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 17.6  | 26.4  |
| 125     | 8.2   | 5.4   | 8.2#  |





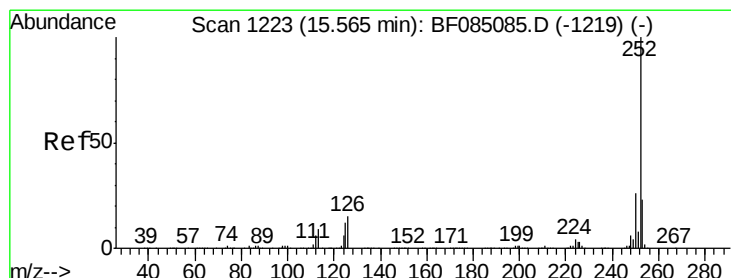
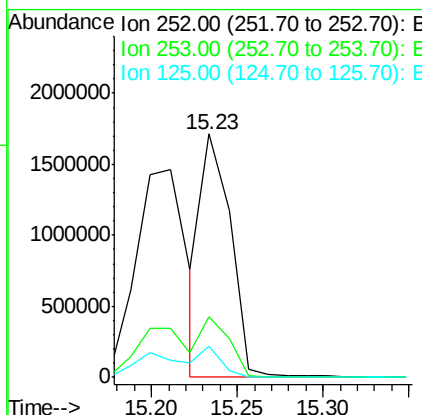
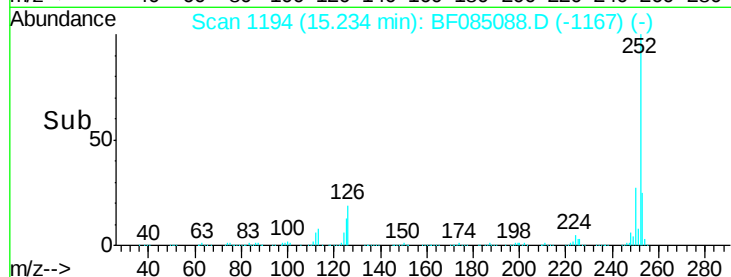
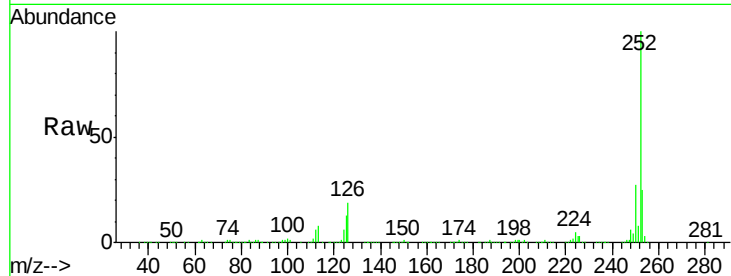
#88  
Benzo(k)fluoranthene  
Concen: 68.49 ng  
RT: 15.23 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.7  | 17.4  | 26.0  |
| 125     | 12.7  | 7.2   | 10.8  |

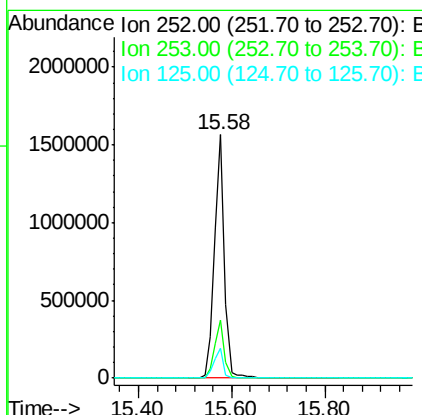
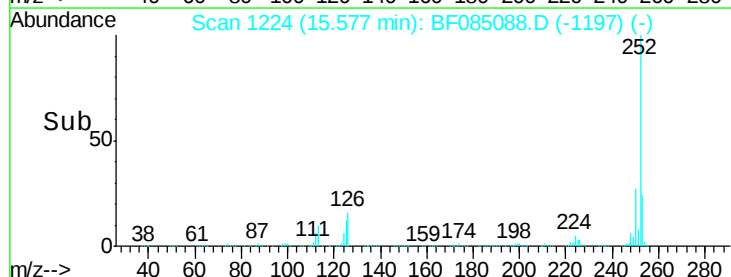
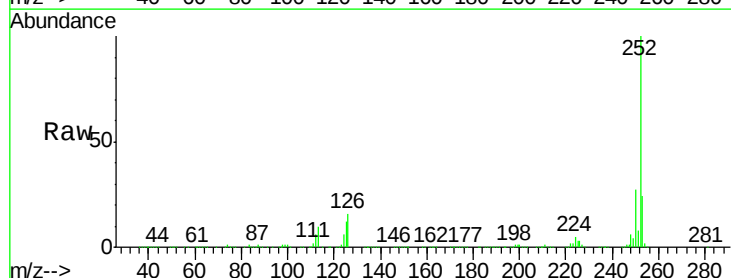
Manual Integrations  
APPROVED

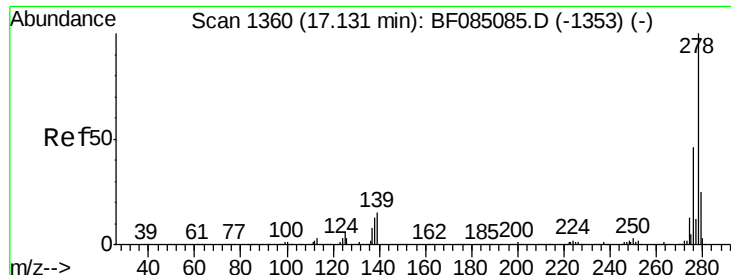
Sohil  
2/19/2016 7:57:10 AM



#89  
Benzo(a)pyrene  
Concen: 72.88 ng  
RT: 15.58 min Scan# 1224  
Delta R.T. 0.01 min  
Lab File: BF085088.D  
Acq: 17 Feb 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 17.7  | 26.5  |
| 125     | 12.4  | 6.1   | 9.1   |





#90

Dibenzo(a,h)anthracene

Concen: 66.11 ng

RT: 17.14 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:278 Resp: 2003574

Ion Ratio Lower Upper

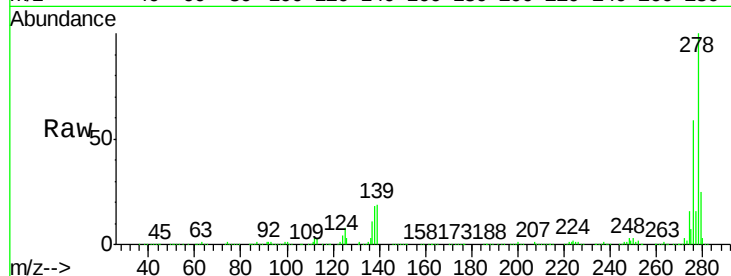
278 100

139 18.5 13.3 19.9

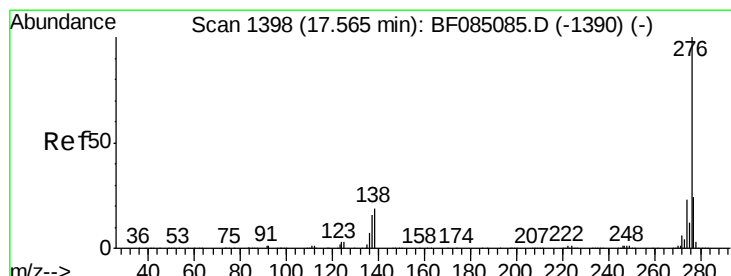
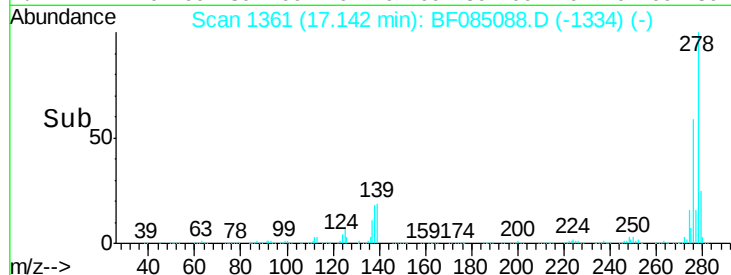
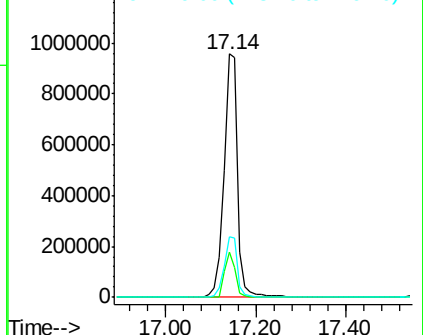
279 24.8 18.6 27.8

Manual Integrations  
APPROVED

Sohil  
2/19/2016 7:57:10 AM



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 63.63 ng

RT: 17.58 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

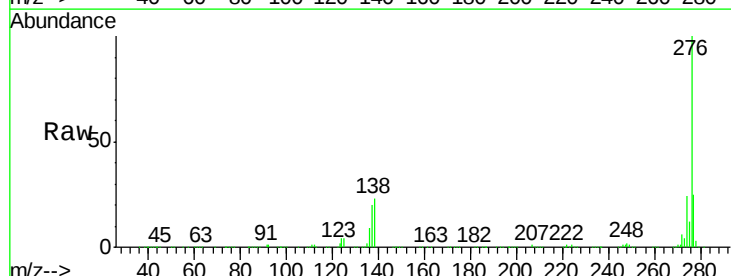
Tgt Ion:276 Resp: 2002287

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 22.8 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

