

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052916\  
 Data File : BF087543.D  
 Acq On : 30 May 2016 10:46  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 31 00:37:59 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 25 16:26:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 137657   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 9.51  | 136  | 548820   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 12.33 | 164  | 253266   | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10      | 14.74 | 188  | 447236   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 18.45 | 240  | 312248   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 20.15 | 264  | 263362   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 623978  | 79.65 | ng | -0.05 |
| 7) Phenol-d6             | 7.04  | 99  | 818628  | 77.33 | ng | -0.03 |
| 23) Nitrobenzene-d5      | 8.40  | 82  | 898095  | 82.47 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 13.63 | 330 | 183188  | 75.27 | ng | -0.05 |
| 44) 2-Fluorobiphenyl     | 11.28 | 172 | 1386038 | 77.15 | ng | -0.06 |
| 78) Terphenyl-d14        | 17.09 | 244 | 1227904 | 83.60 | ng | -0.05 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.76  | 88  | 142238  | 34.41 | ng | # 74   |
| 3) Pyridine                    | 2.34  | 79  | 193207  | 21.38 | ng | # 66   |
| 4) n-Nitrosodimethylamine      | 2.32  | 42  | 294140  | 42.24 | ng | # 39   |
| 6) Aniline                     | 6.98  | 93  | 533452  | 38.96 | ng | 93     |
| 8) 2-Chlorophenol              | 7.15  | 128 | 385011  | 39.41 | ng | 87     |
| 9) Benzaldehyde                | 6.81  | 77  | 230366  | 39.42 | ng | 98     |
| 10) Phenol                     | 7.05  | 94  | 458480  | 39.66 | ng | 74     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 366582  | 39.18 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.37  | 146 | 400292  | 37.56 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 7.74  | 146 | 351342  | 32.12 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.74  | 146 | 397987  | 39.33 | ng | 99     |
| 15) Benzyl Alcohol             | 7.78  | 79  | 329827  | 42.74 | ng | # 86   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.96  | 45  | 775206  | 36.82 | ng | 87     |
| 17) 2-Methylphenol             | 8.00  | 107 | 295772  | 37.78 | ng | # 90   |
| 18) Hexachloroethane           | 8.24  | 117 | 161103  | 39.48 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 311911  | 39.51 | ng | # 74   |
| 20) 3+4-Methylphenols          | 8.26  | 107 | 371315  | 39.23 | ng | # 58   |
| 22) Acetophenone               | 8.17  | 105 | 533591  | 40.70 | ng | # 95   |
| 24) Nitrobenzene               | 8.43  | 77  | 472365  | 41.09 | ng | 98     |
| 25) Isophorone                 | 8.82  | 82  | 779186  | 39.90 | ng | 99     |
| 26) 2-Nitrophenol              | 8.94  | 139 | 186774  | 39.75 | ng | # 71   |
| 27) 2,4-Dimethylphenol         | 9.07  | 122 | 330023  | 40.46 | ng | # 84   |
| 28) bis(2-Chloroethoxy)methane | 9.20  | 93  | 419710  | 38.15 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.36  | 162 | 303714  | 41.32 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.44  | 180 | 332746  | 39.54 | ng | 99     |
| 31) Naphthalene                | 9.54  | 128 | 1109382 | 40.34 | ng | 100    |
| 32) Benzoic acid               | 9.44  | 122 | 103167  | 27.41 | ng | # 77   |
| 33) 4-Chloroaniline            | 9.69  | 127 | 439481  | 43.39 | ng | # 87   |
| 34) Hexachlorobutadiene        | 9.75  | 225 | 199557  | 39.01 | ng | 99     |
| 35) Caprolactam                | 10.35 | 113 | 86892   | 40.50 | ng | # 62   |
| 36) 4-Chloro-3-methylphenol    | 10.56 | 107 | 355905  | 42.82 | ng | # 85   |
| 37) 2-Methylnaphthalene        | 10.66 | 142 | 687452  | 40.01 | ng | # 95   |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.94 | 216 | 314221  | 38.76 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.90 | 237 | 38892   | 19.74 | ng | 96     |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

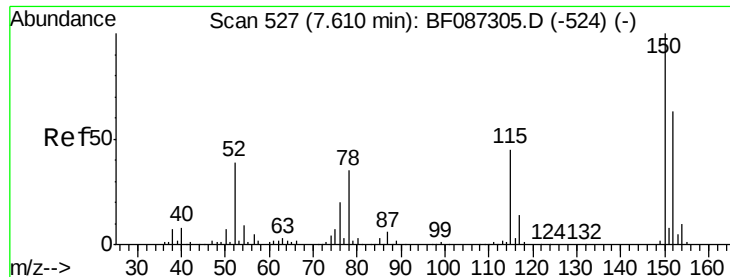
Instrument :  
 BNA\_F  
 ClientSampleId :  
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Quant Time: May 31 00:37:59 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 11.18 | 196  | 185948   | 39.74  | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 11.28 | 196  | 166952   | 35.03  | ng #  | 80       |
| 45) 1,1'-Biphenyl              | 11.44 | 154  | 850116   | 39.87  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 11.45 | 162  | 628239   | 38.51  | ng #  | 92       |
| 47) 2-Nitroaniline             | 11.68 | 65   | 257290   | 43.77  | ng #  | 66       |
| 48) Acenaphthylene             | 12.10 | 152  | 999802   | 38.71  | ng    | 99       |
| 49) Dimethylphthalate          | 11.99 | 163  | 782247   | 38.56  | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 12.09 | 165  | 161831   | 39.59  | ng #  | 73       |
| 51) Acenaphthene               | 12.39 | 154  | 627068   | 39.50  | ng    | 98       |
| 52) 3-Nitroaniline             | 12.37 | 138  | 176015   | 41.95  | ng #  | 75       |
| 53) 2,4-Dinitrophenol          | 12.65 | 184  | 27499    | 18.61  | ng #  | 77       |
| 54) Dibenzofuran               | 12.67 | 168  | 840493   | 39.11  | ng    | 92       |
| 55) 4-Nitrophenol              | 12.67 | 139  | 360307   | 180.03 | ng #  | 16       |
| 56) 2,4-Dinitrotoluene         | 12.77 | 165  | 221668   | 40.57  | ng    | 93       |
| 57) Fluorene                   | 13.23 | 166  | 729105   | 39.12  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.93 | 232  | 125194   | 34.15  | ng    | 97       |
| 59) Diethylphthalate           | 13.13 | 149  | 768038   | 38.94  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.26 | 204  | 344478   | 37.90  | ng    | 89       |
| 61) 4-Nitroaniline             | 13.37 | 138  | 154350   | 39.42  | ng #  | 57       |
| 62) Azobenzene                 | 13.51 | 77   | 738487   | 36.09  | ng    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 13.43 | 198  | 85345    | 30.01  | ng #  | 51       |
| 65) n-Nitrosodiphenylamine     | 13.47 | 169  | 599068   | 41.42  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 14.03 | 248  | 195483   | 39.95  | ng    | 92       |
| 67) Hexachlorobenzene          | 14.11 | 284  | 213839   | 41.79  | ng #  | 77       |
| 68) Atrazine                   | 14.39 | 200  | 130101   | 28.22  | ng    | 92       |
| 69) Pentachlorophenol          | 14.50 | 266  | 37160    | 27.74  | ng    | 97       |
| 70) Phenanthrene               | 14.78 | 178  | 1004443  | 40.55  | ng    | 100      |
| 71) Anthracene                 | 14.87 | 178  | 1056297  | 42.21  | ng    | 98       |
| 72) Carbazole                  | 15.17 | 167  | 875456   | 41.02  | ng    | 99       |
| 73) Di-n-butylphthalate        | 15.73 | 149  | 1150522  | 41.68  | ng #  | 98       |
| 74) Fluoranthene               | 16.55 | 202  | 971506   | 39.11  | ng    | 94       |
| 76) Benzidine                  | 16.79 | 184  | 288077   | 35.86  | ng    | 98       |
| 77) Pyrene                     | 16.85 | 202  | 1003141  | 44.63  | ng    | 99       |
| 79) Butylbenzylphthalate       | 17.75 | 149  | 416247   | 41.76  | ng #  | 67       |
| 80) Benzo(a)anthracene         | 18.43 | 228  | 725425   | 40.84  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.41 | 252  | 393504   | 40.10  | ng    | 98       |
| 82) Chrysene                   | 18.48 | 228  | 683324   | 38.77  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.49 | 149  | 571976   | 39.33  | ng    | 95       |
| 84) Di-n-octyl phthalate       | 19.26 | 149  | 855542   | 38.57  | ng #  | 83       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.36 | 276  | 638407   | 45.18  | ng    | 93       |
| 87) Benzo(b)fluoranthene       | 19.71 | 252  | 1293415  | 77.10  | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 19.71 | 252  | 1295282  | 89.70  | ng    | 98       |
| 89) Benzo(a)pyrene             | 20.08 | 252  | 566665   | 39.06  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 21.35 | 278  | 528037   | 42.67  | ng    | 95       |
| 91) Benzo(g,h,i)perylene       | 21.74 | 276  | 451189   | 36.95  | ng #  | 92       |
| -----                          |       |      |          |        |       |          |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

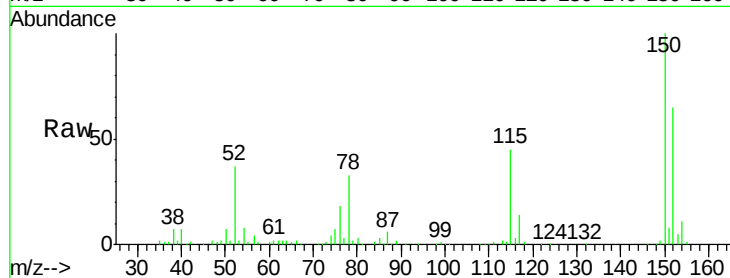
Tgt Ion:152 Resp: 137657

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

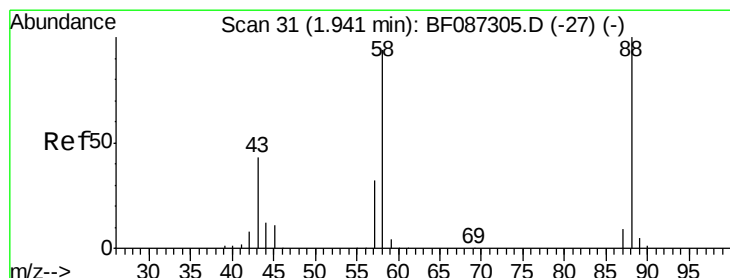
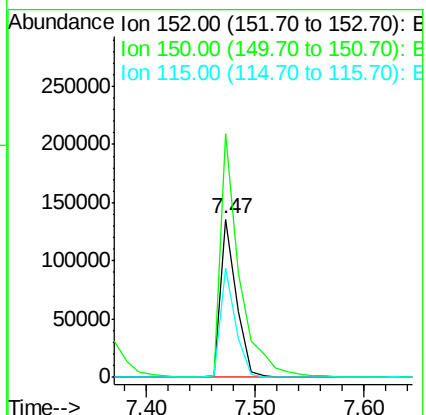
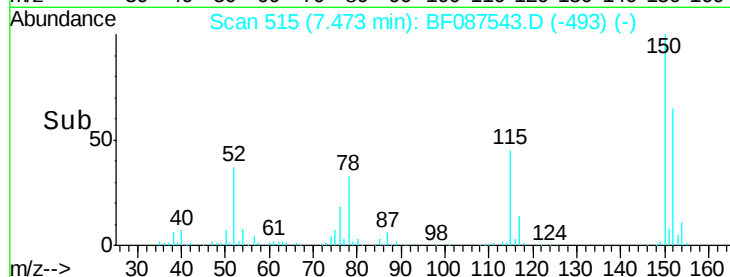
115 68.9 51.5 77.3



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: 34.41 ng

RT: 1.76 min Scan# 15

Delta R.T. -0.06 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

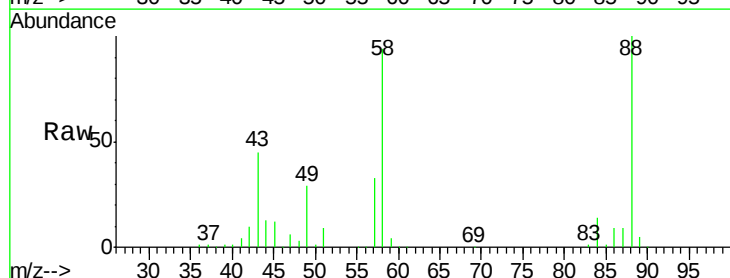
Tgt Ion: 88 Resp: 142238

Ion Ratio Lower Upper

88 100

58 93.3 59.6 89.4#

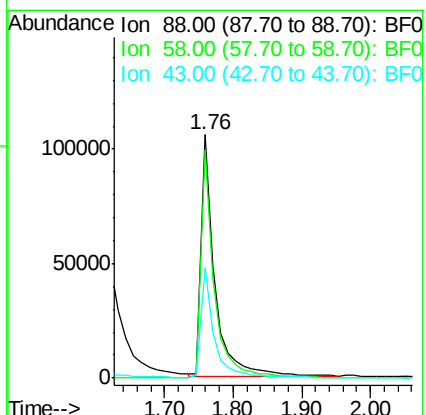
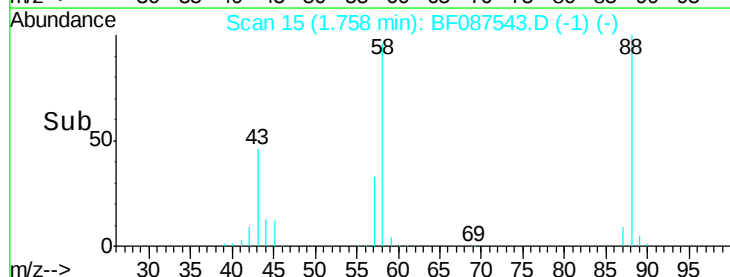
43 46.9 21.8 32.6#

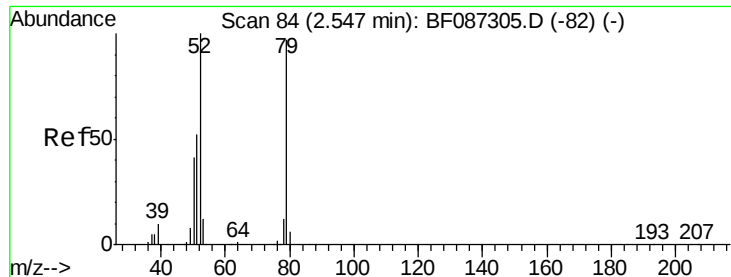


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

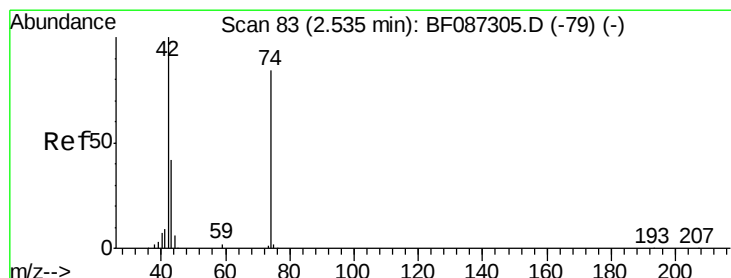
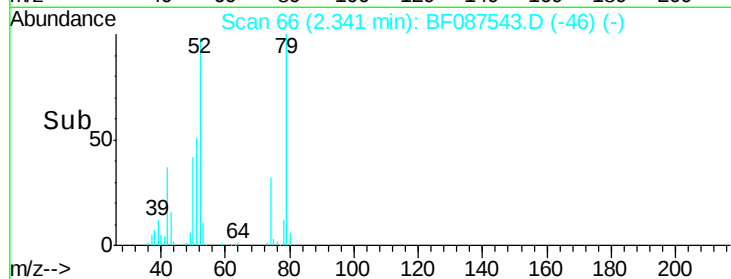
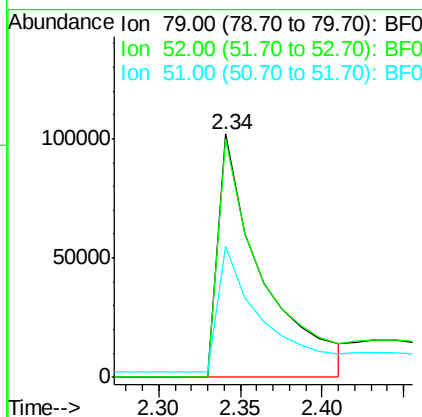
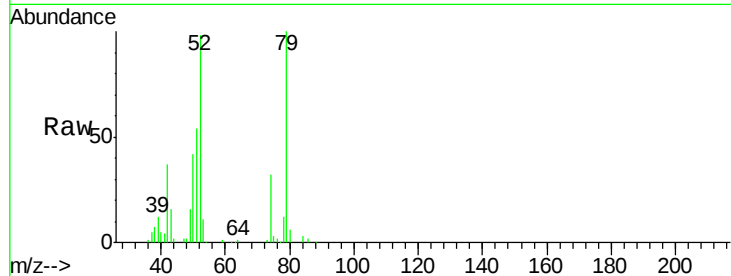




#3  
 Pyridine  
 Concen: 21.38 ng  
 RT: 2.34 min Scan# 66  
 Delta R.T. -0.07 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

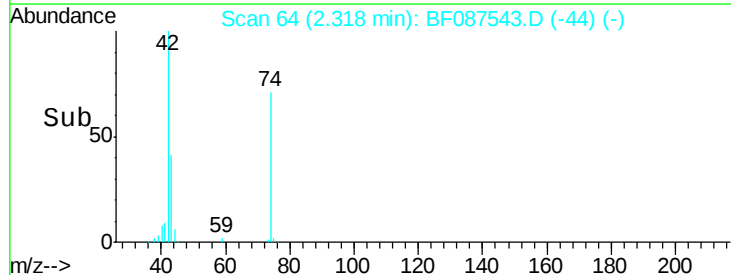
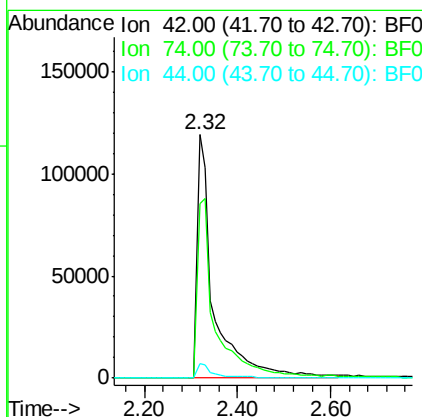
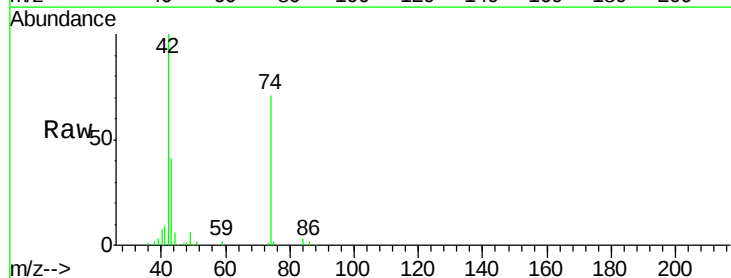
Instrument :  
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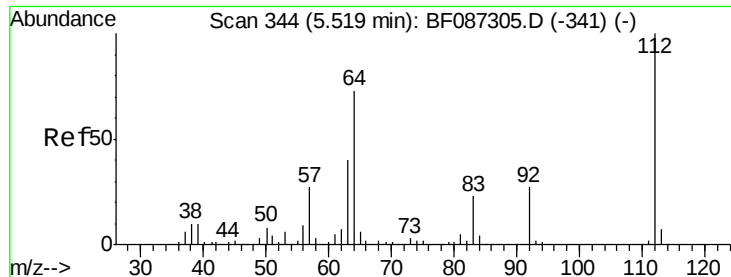
Tgt Ion: 79 Resp: 193207  
 Ion Ratio Lower Upper  
 79 100  
 52 98.1 55.9 83.9#  
 51 53.8 28.1 42.1#



#4  
 n-Nitrosodimethylamine  
 Concen: 42.24 ng  
 RT: 2.32 min Scan# 64  
 Delta R.T. -0.07 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Tgt Ion: 42 Resp: 294140  
 Ion Ratio Lower Upper  
 42 100  
 74 71.5 123.4 185.0#  
 44 6.0 5.8 8.6





#5

2-Fluorophenol

Concen: 79.65 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

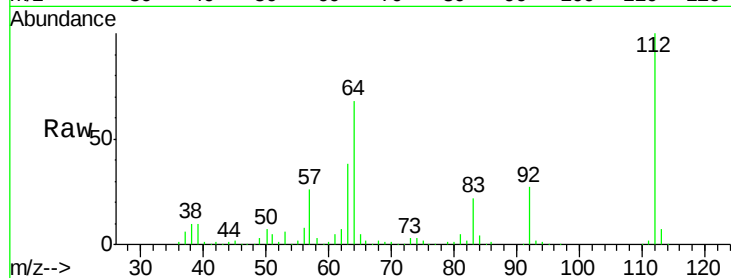
Tgt Ion: 112 Resp: 623978

Ion Ratio Lower Upper

112 100

64 68.0 52.1 78.1

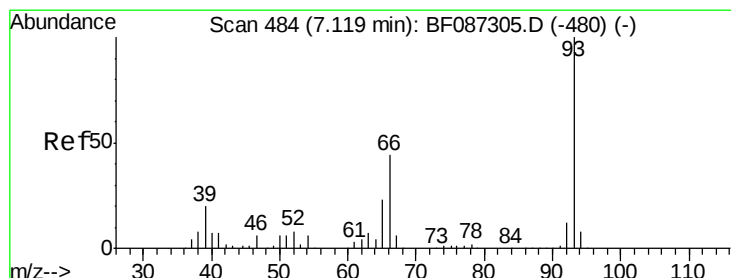
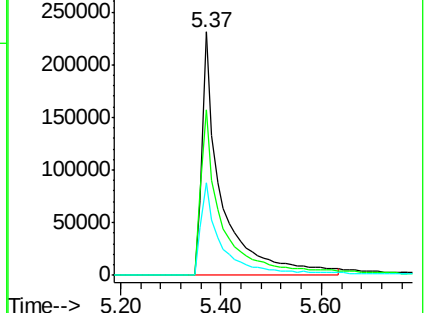
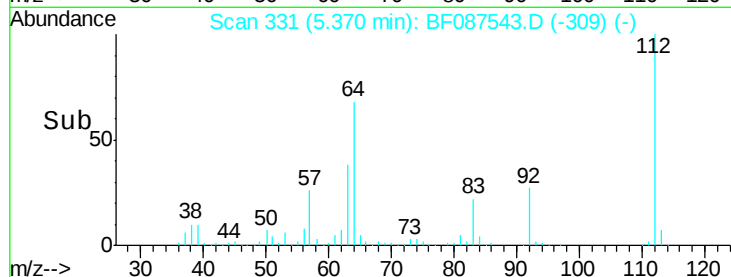
63 38.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.96 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

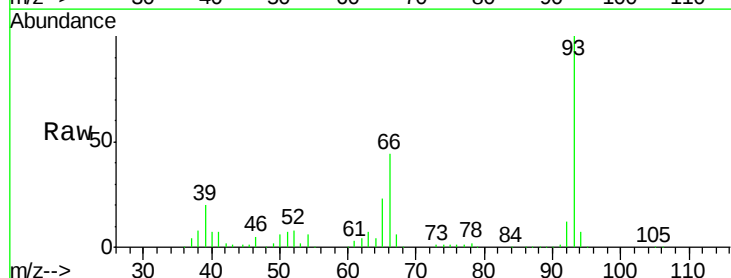
Tgt Ion: 93 Resp: 533452

Ion Ratio Lower Upper

93 100

66 43.9 39.0 58.6

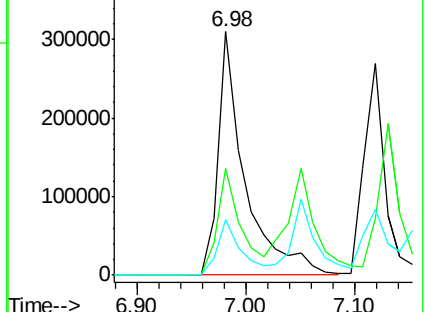
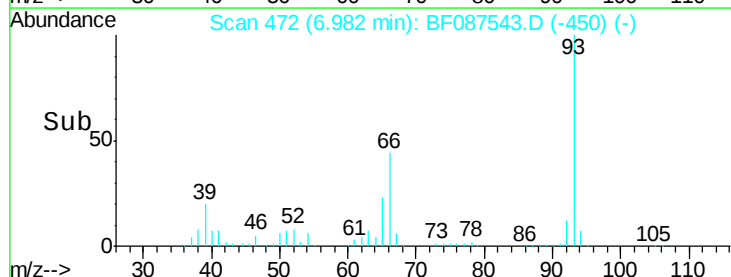
65 22.9 20.6 31.0

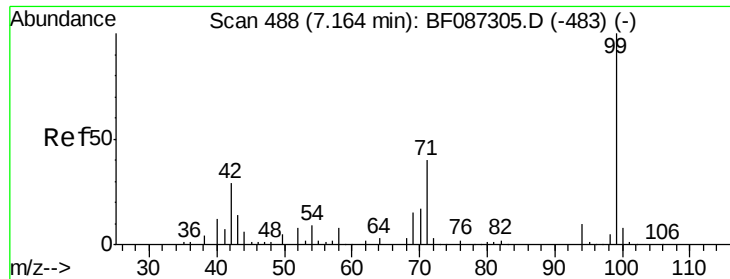


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.33 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

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BNA\_F

ClientSampleId :

SSTDCCC040

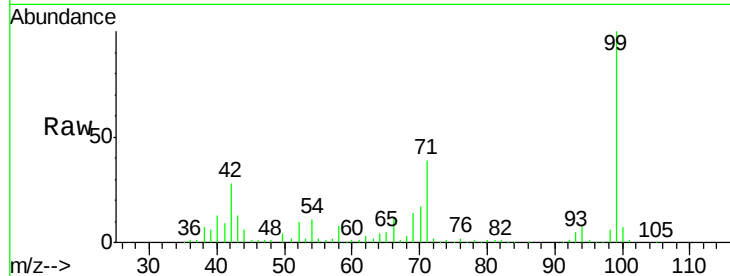
Tgt Ion: 99 Resp: 818628

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

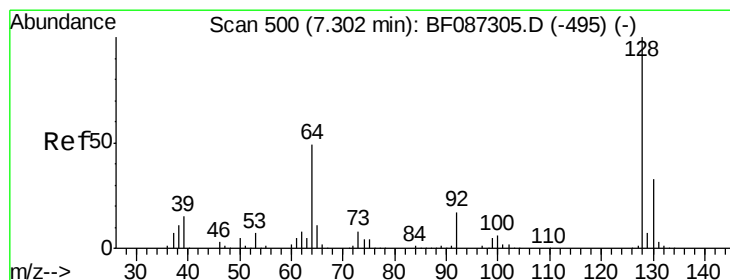
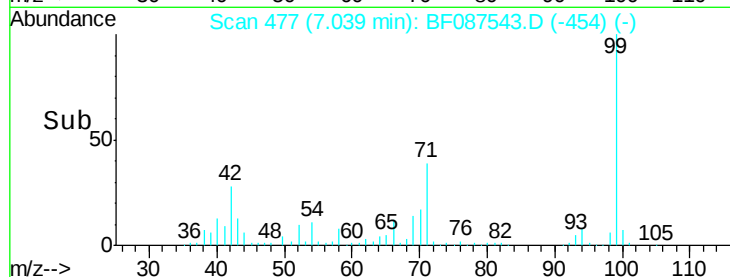
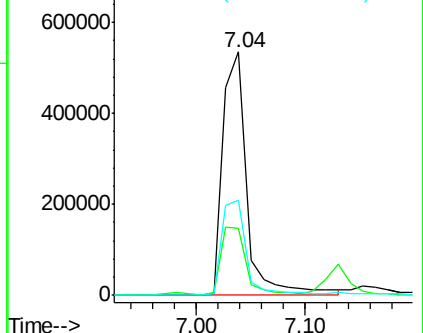
71 39.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.41 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

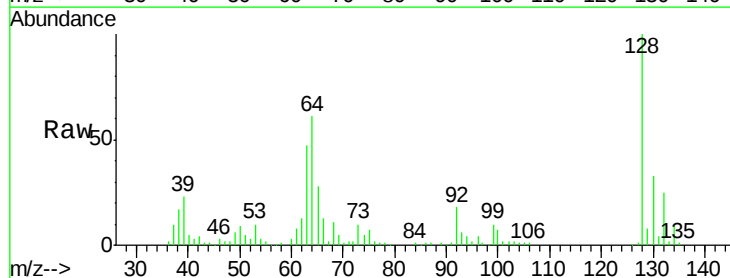
Tgt Ion: 128 Resp: 385011

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

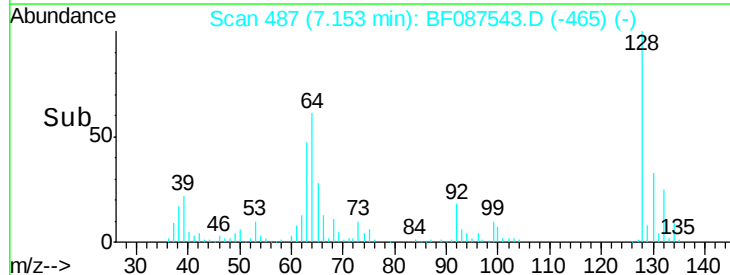
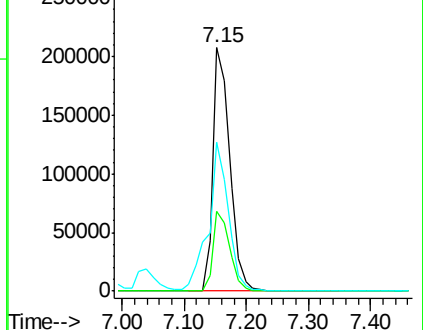
64 61.3 27.3 67.3

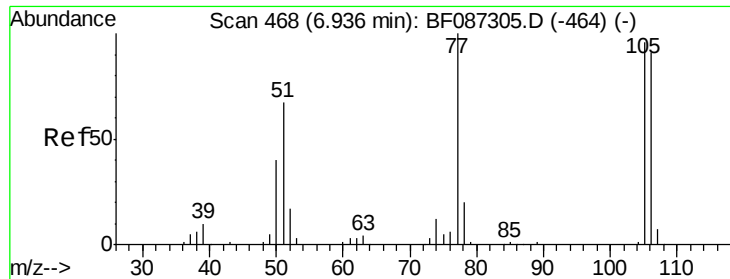


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.42 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

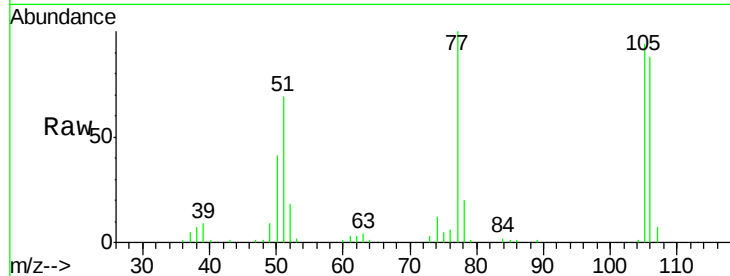
Tgt Ion: 77 Resp: 230366

Ion Ratio Lower Upper

77 100

105 94.0 72.7 112.7

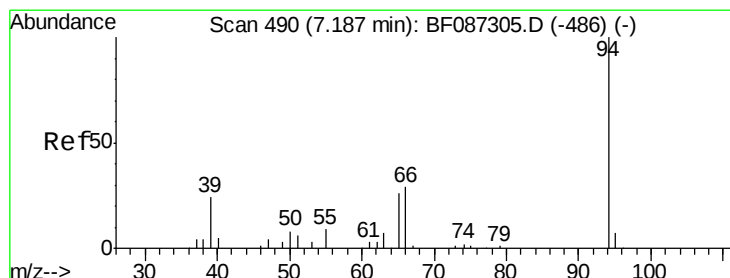
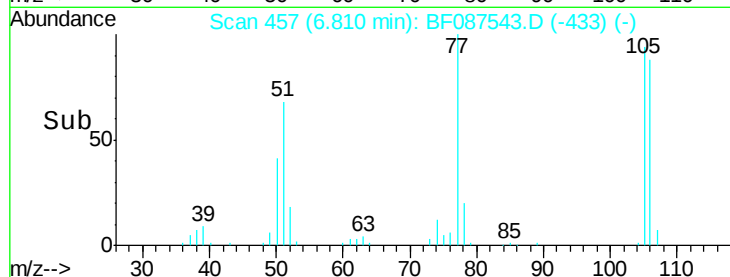
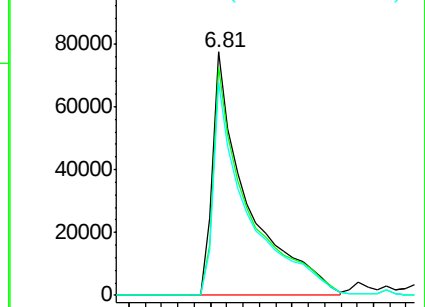
106 87.6 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.66 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.03 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

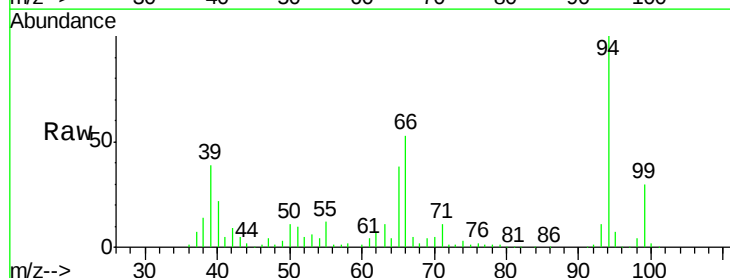
Tgt Ion: 94 Resp: 458480

Ion Ratio Lower Upper

94 100

65 37.7 7.2 47.2

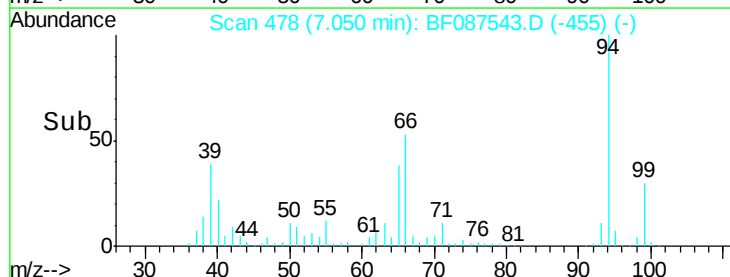
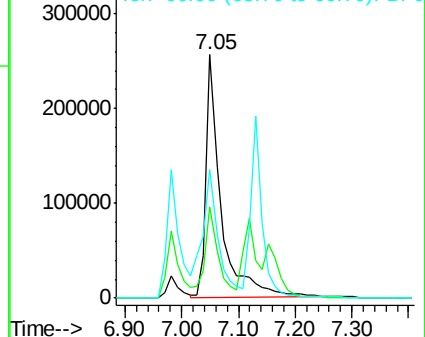
66 53.0 14.9 54.9

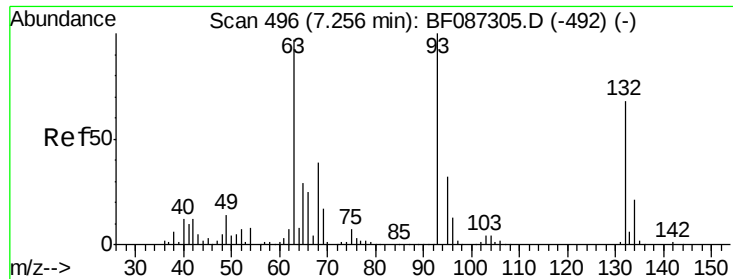


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

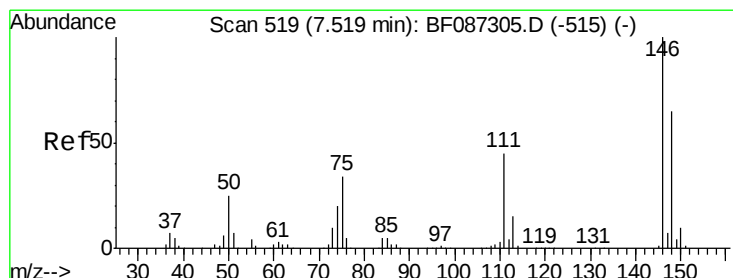
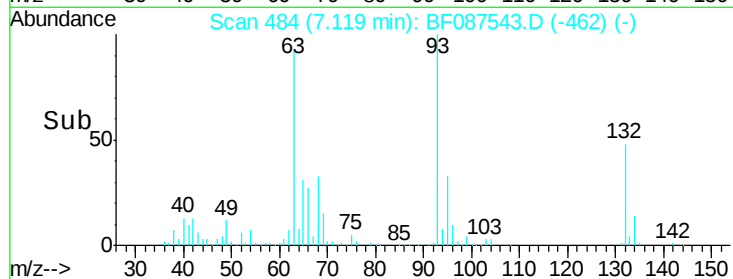
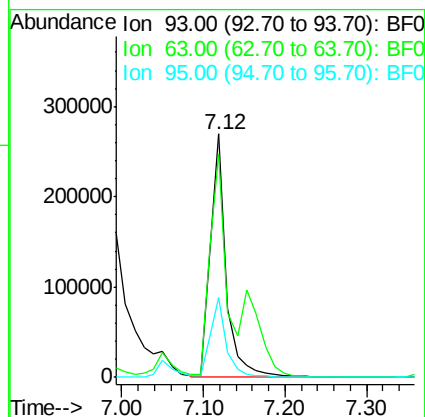
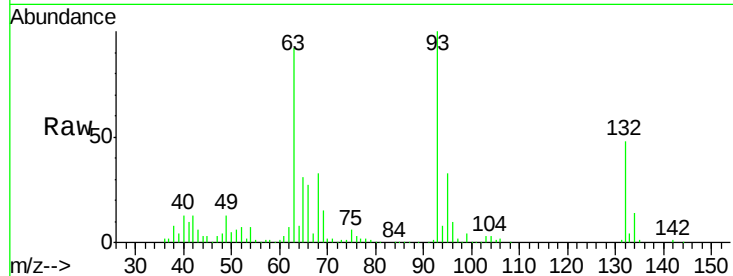




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.18 ng  
 RT: 7.12 min Scan# 484  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

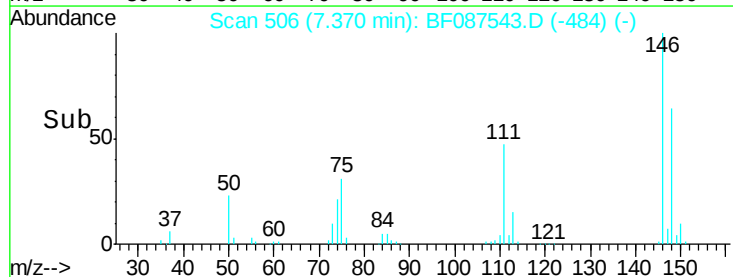
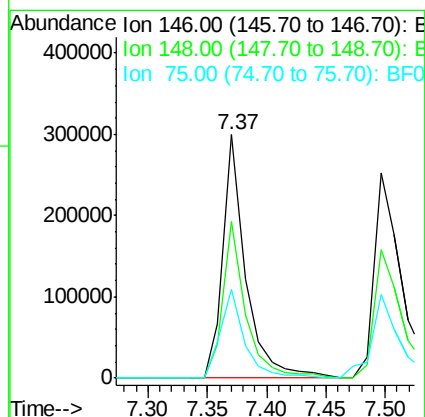
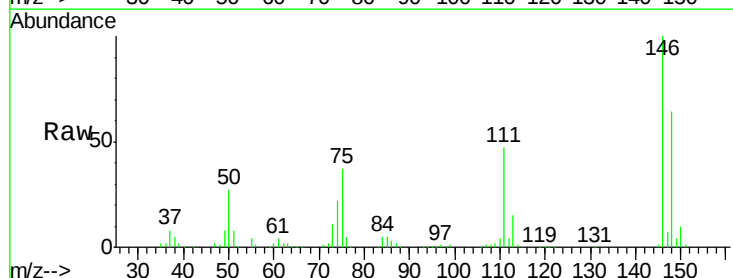
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

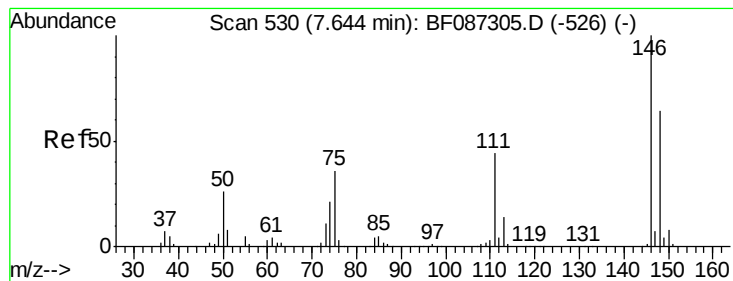
Tgt Ion: 93 Resp: 366582  
 Ion Ratio Lower Upper  
 93 100  
 63 91.9 58.0 98.0  
 95 32.6 11.9 51.9



#12  
 1,3-Dichlorobenzene  
 Concen: 37.56 ng  
 RT: 7.37 min Scan# 506  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Tgt Ion: 146 Resp: 400292  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 52.4 78.6  
 75 36.7 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 32.12 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.18 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

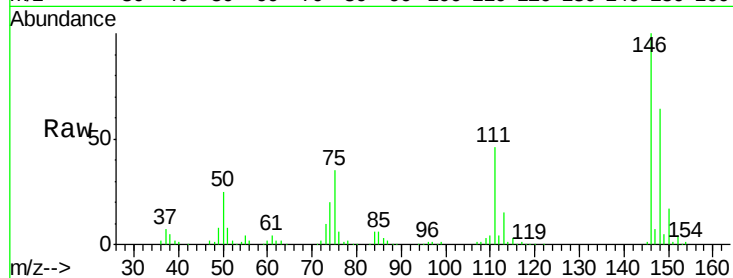
Tgt Ion:146 Resp: 351342

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

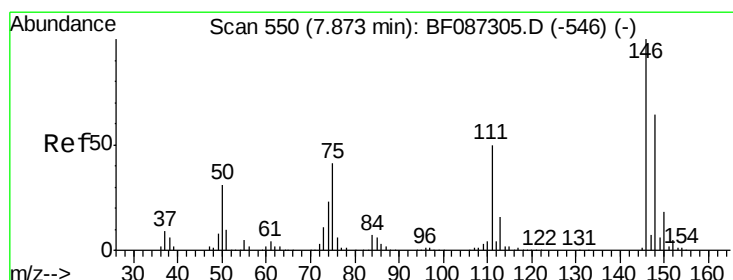
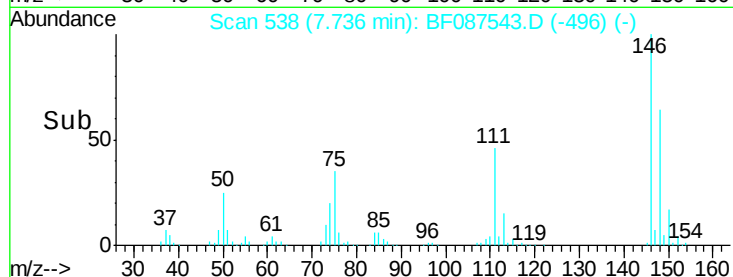
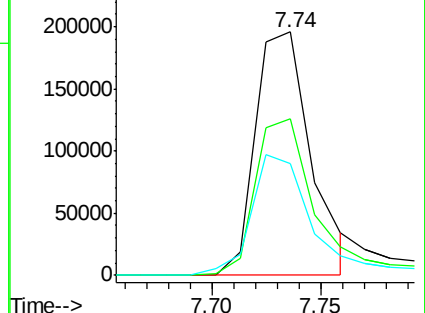
111 45.8 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.33 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

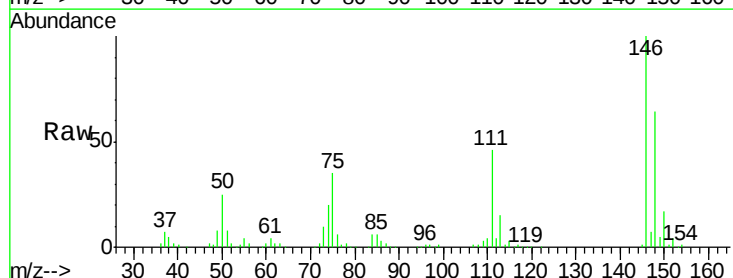
Tgt Ion:146 Resp: 397987

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

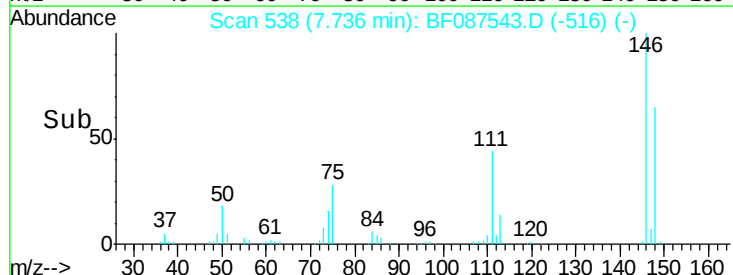
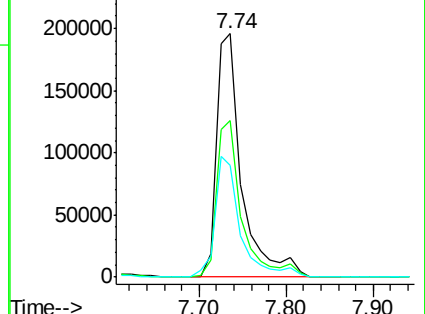
111 45.8 36.2 54.4

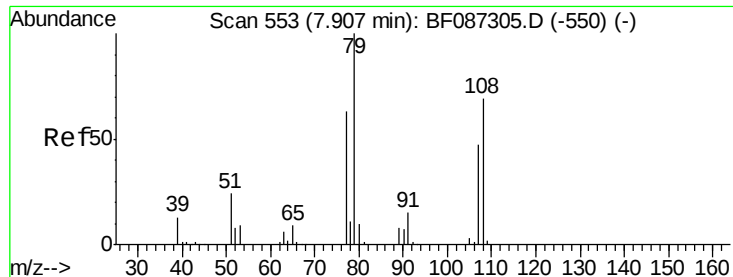


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.74 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

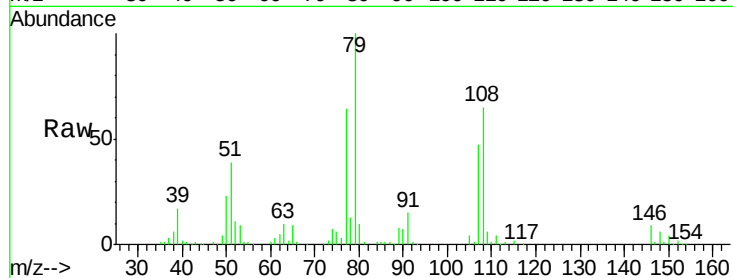
Tgt Ion: 79 Resp: 329827

Ion Ratio Lower Upper

79 100

108 64.5 68.4 102.6#

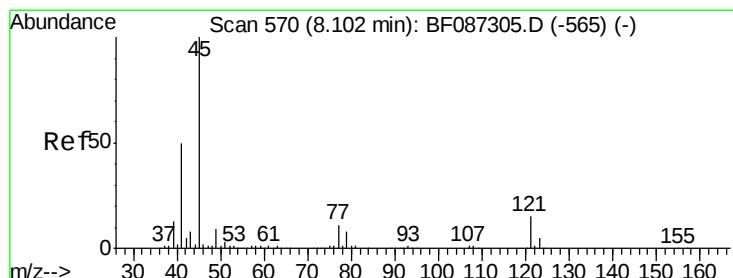
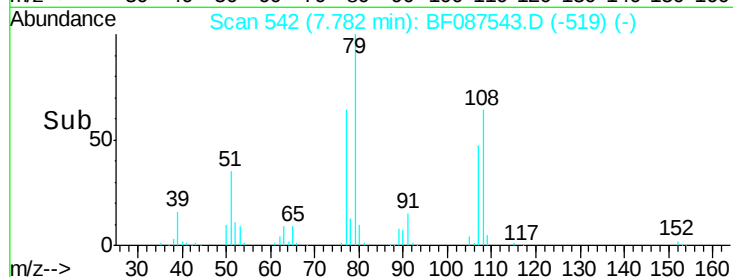
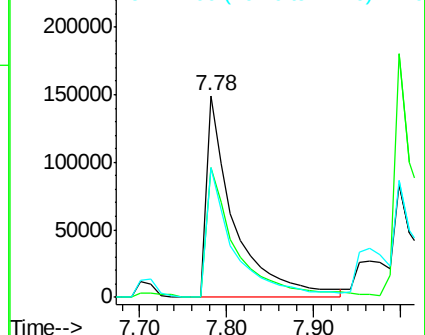
77 64.0 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.82 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

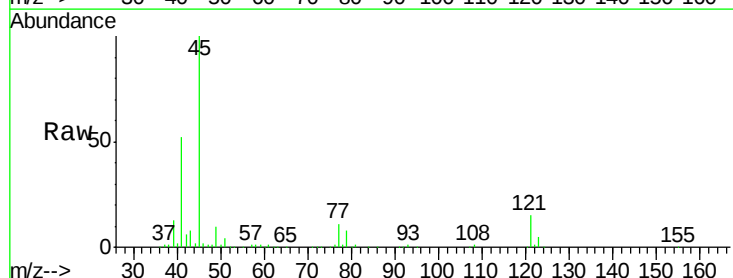
Tgt Ion: 45 Resp: 775206

Ion Ratio Lower Upper

45 100

77 10.9 0.0 36.4

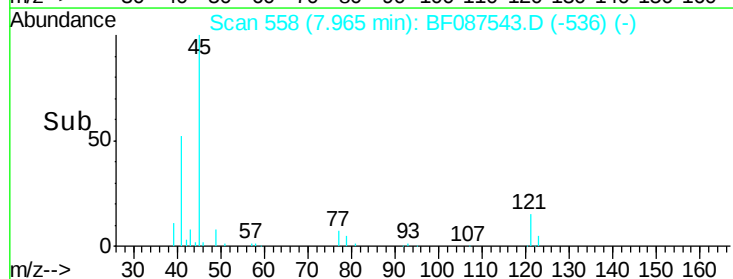
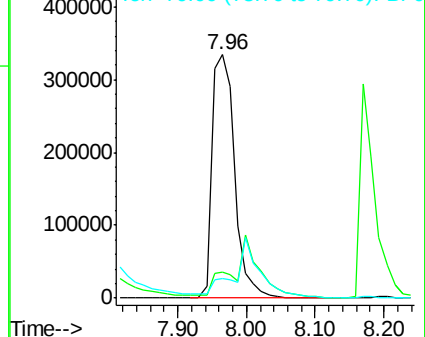
79 8.1 0.0 33.4

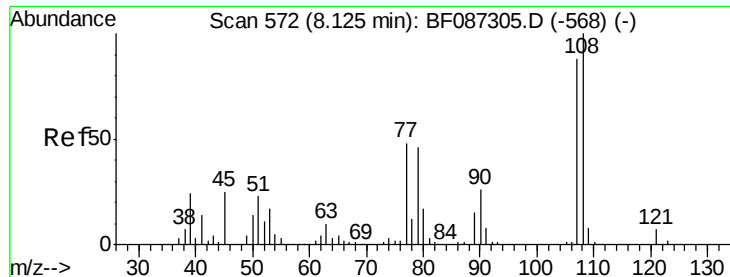


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.78 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 295772

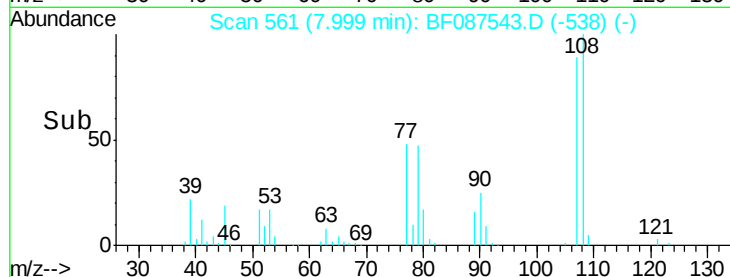
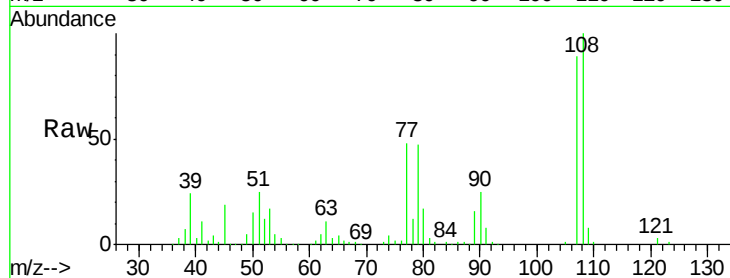
Ion Ratio Lower Upper

107 100

108 112.3 93.7 140.5

77 54.2 33.4 50.0#

79 52.4 34.3 51.5#

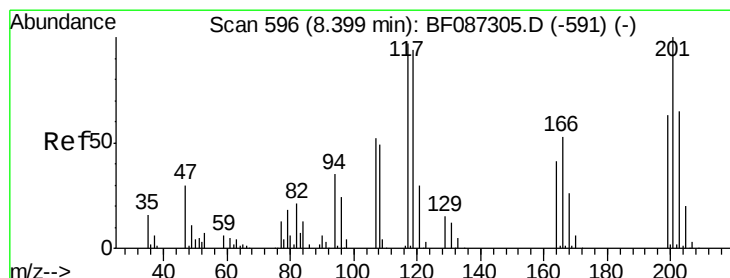
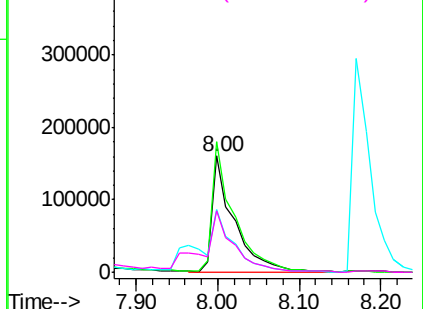


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.48 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.06 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

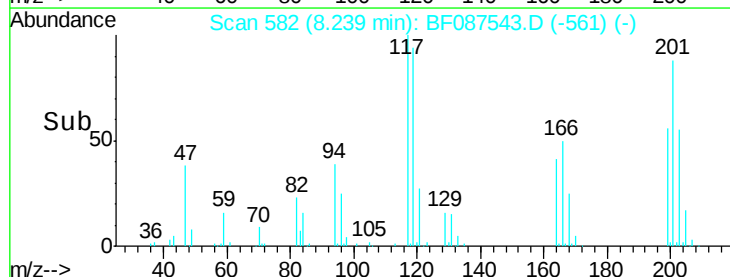
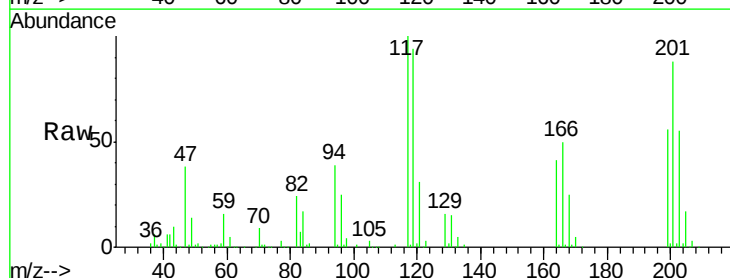
Tgt Ion:117 Resp: 161103

Ion Ratio Lower Upper

117 100

119 94.3 76.5 114.7

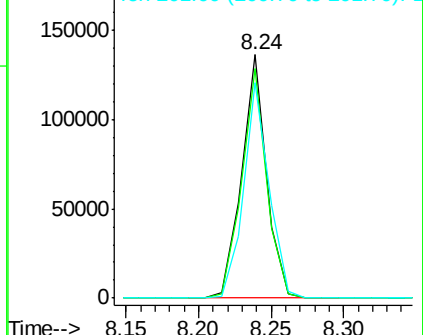
201 88.4 63.0 94.6

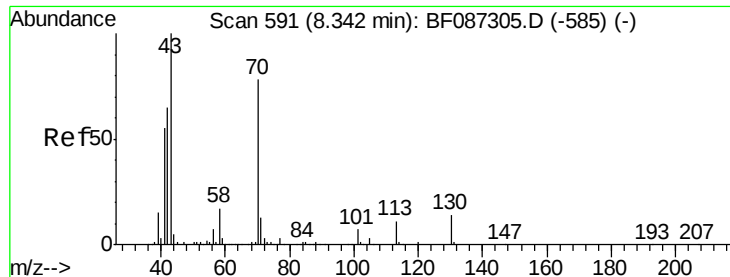


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

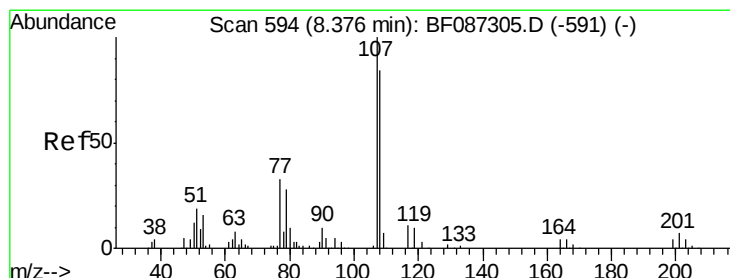
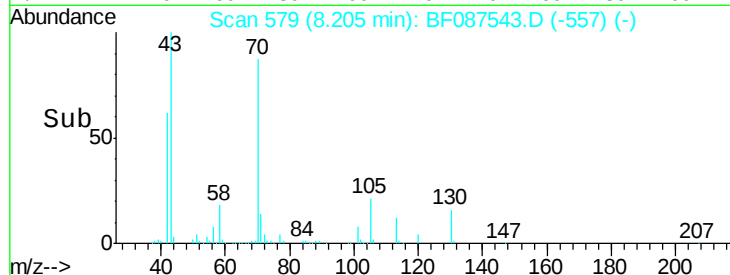
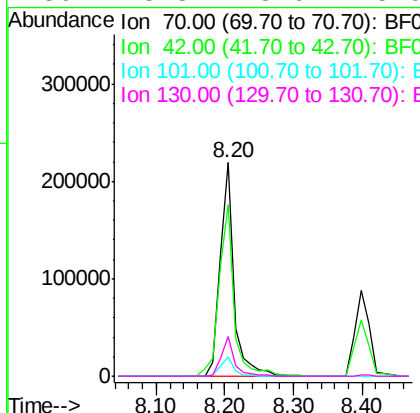
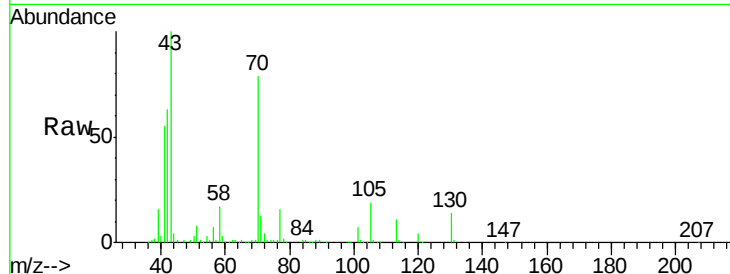




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.51 ng  
RT: 8.20 min Scan# 579  
Delta R.T. -0.05 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

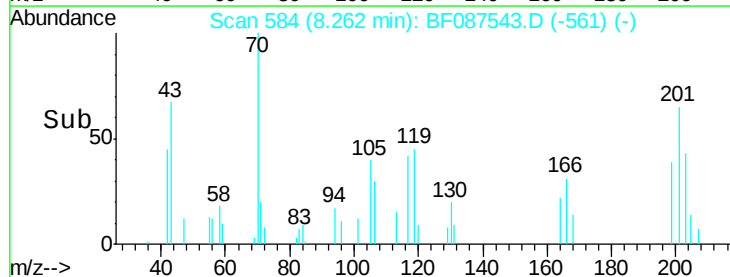
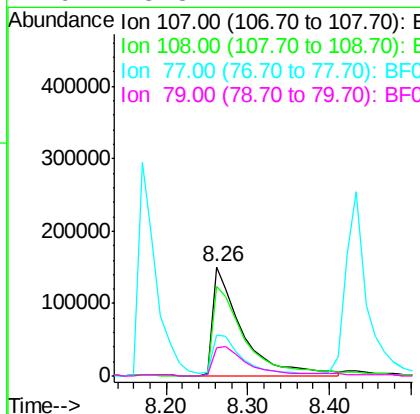
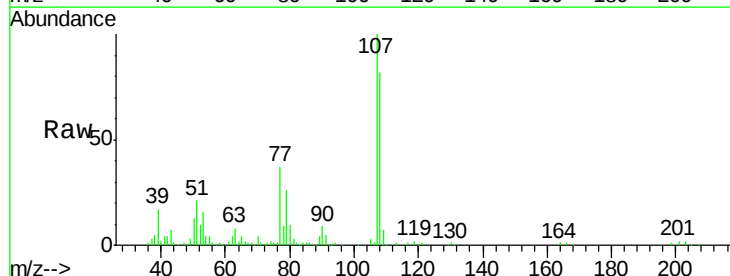
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

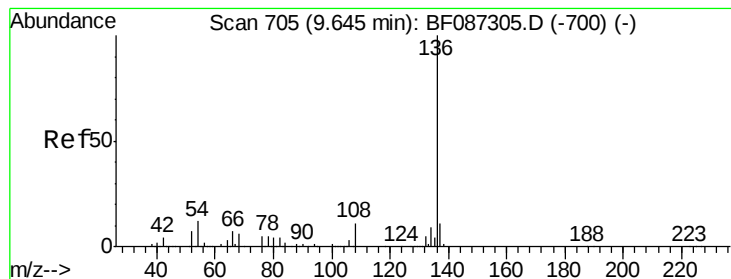
Tgt Ion: 70 Resp: 311911  
Ion Ratio Lower Upper  
70 100  
42 80.4 43.1 64.7#  
101 8.8 8.1 12.1  
130 18.3 18.6 28.0#



#20  
3+4-Methylphenols  
Concen: 39.23 ng  
RT: 8.26 min Scan# 584  
Delta R.T. -0.03 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion:107 Resp: 371315  
Ion Ratio Lower Upper  
107 100  
108 81.5 68.5 108.5  
77 37.2 101.6 141.6#  
79 25.8 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 548820

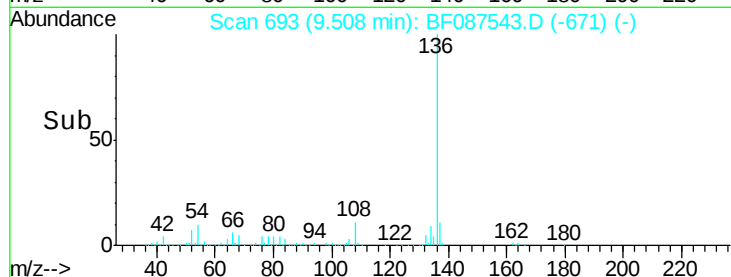
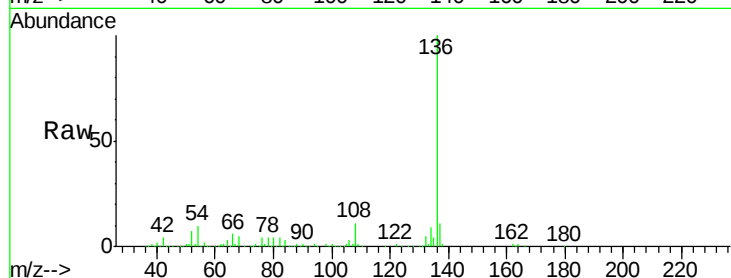
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.5 5.0 7.4#

68 5.3 4.4 6.6

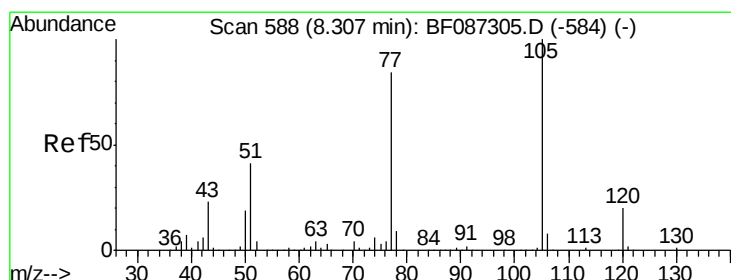
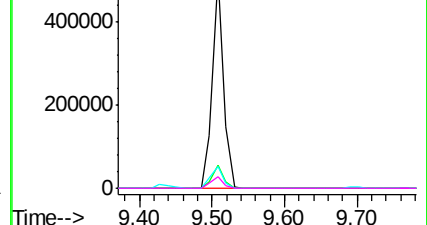


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.70 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:105 Resp: 533591

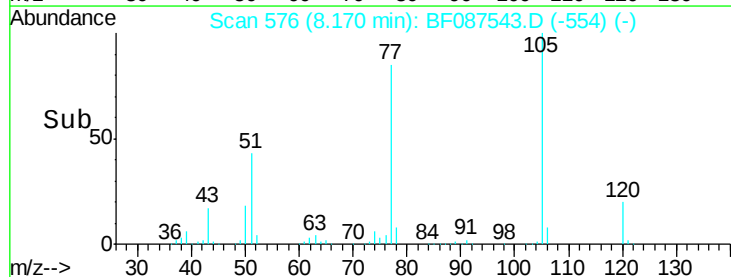
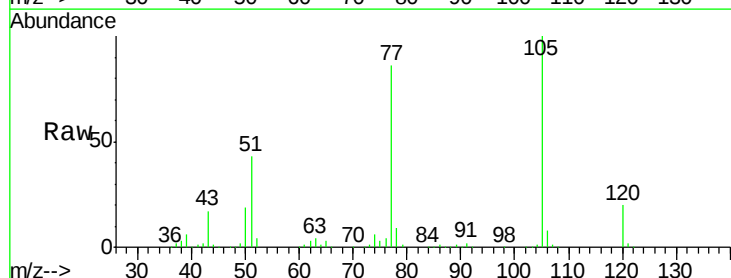
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 43.4 32.6 49.0

120 19.6 16.5 24.7

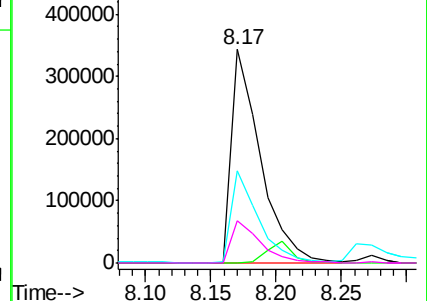


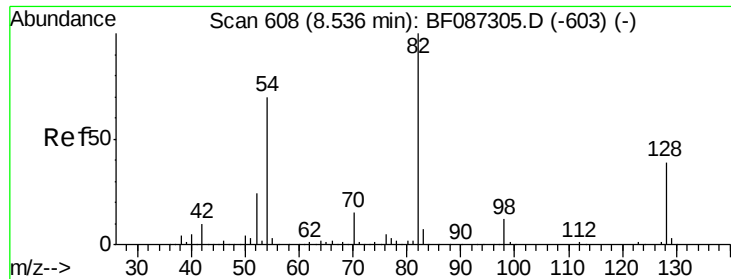
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

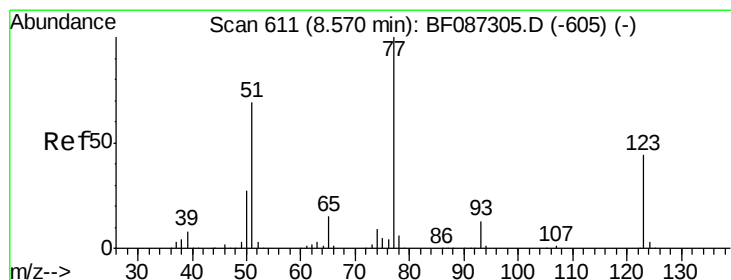
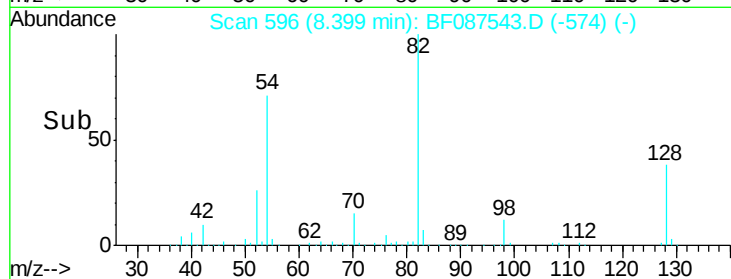
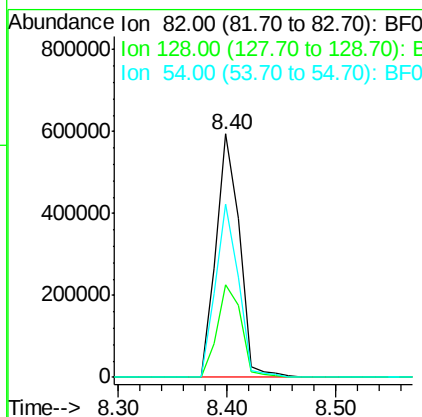
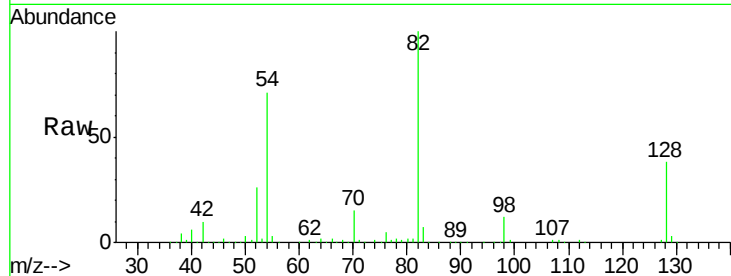




#23  
 Nitrobenzene-d5  
 Concen: 82.47 ng  
 RT: 8.40 min Scan# 596  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

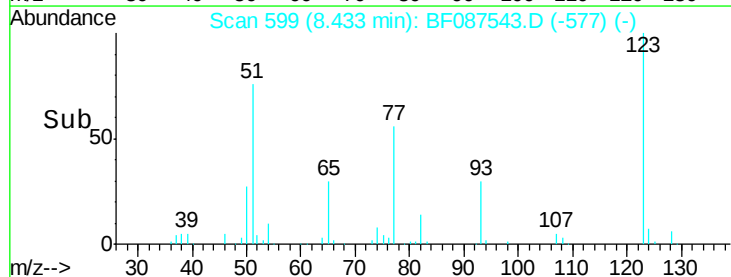
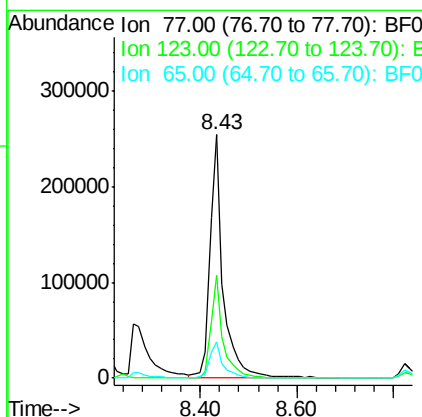
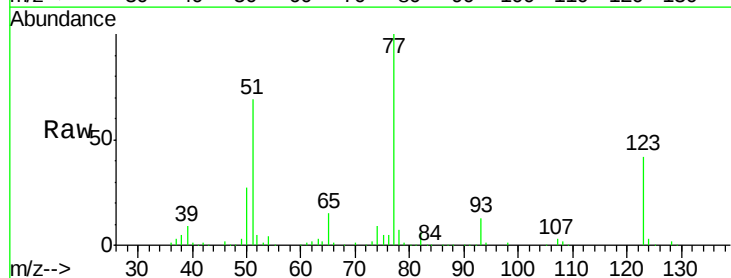
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

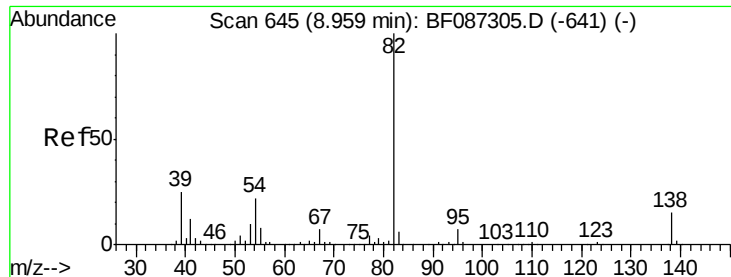
Tgt Ion: 82 Resp: 898095  
 Ion Ratio Lower Upper  
 82 100  
 128 38.3 40.6 61.0#  
 54 71.0 38.1 57.1#



#24  
 Nitrobenzene  
 Concen: 41.09 ng  
 RT: 8.43 min Scan# 599  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Tgt Ion: 77 Resp: 472365  
 Ion Ratio Lower Upper  
 77 100  
 123 42.5 33.0 49.4  
 65 15.0 10.8 16.2





#25

Isophorone

Concen: 39.90 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

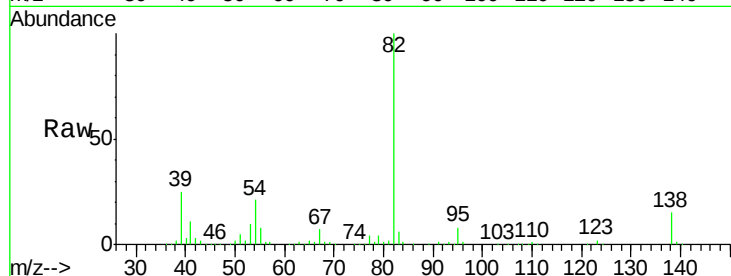
Tgt Ion: 82 Resp: 779186

Ion Ratio Lower Upper

82 100

95 7.6 5.1 7.7

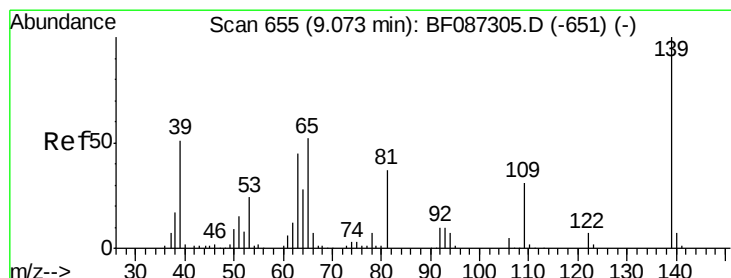
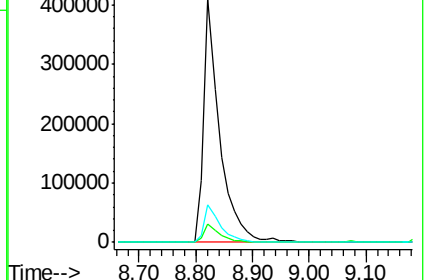
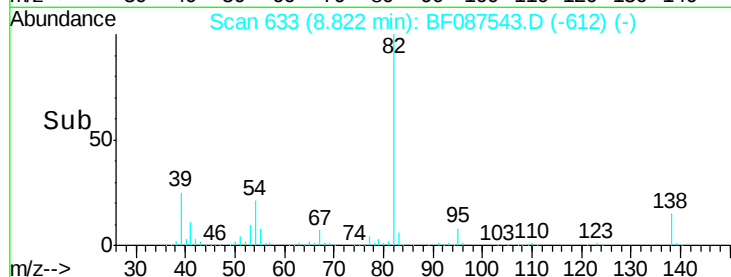
138 15.3 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.75 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

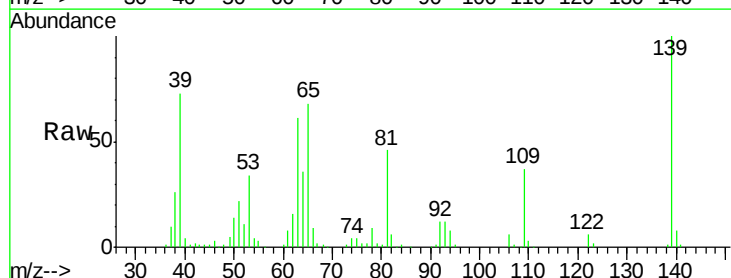
Tgt Ion: 139 Resp: 186774

Ion Ratio Lower Upper

139 100

109 36.7 19.5 29.3#

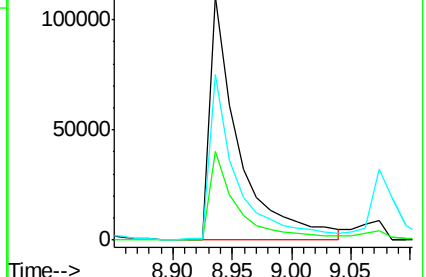
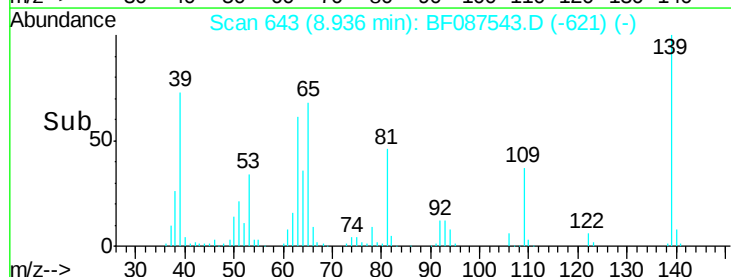
65 68.1 37.5 56.3#

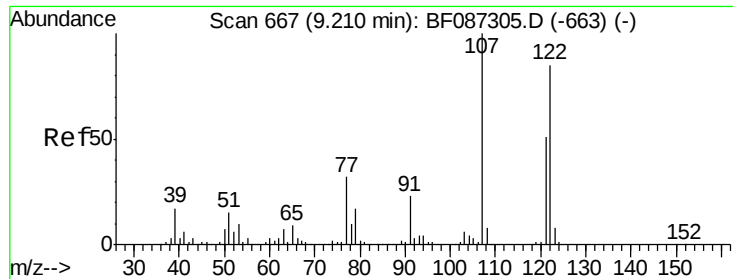


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

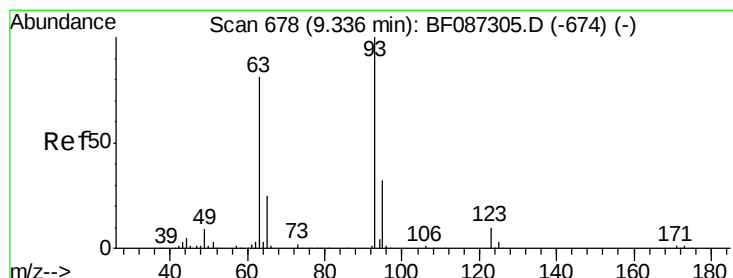
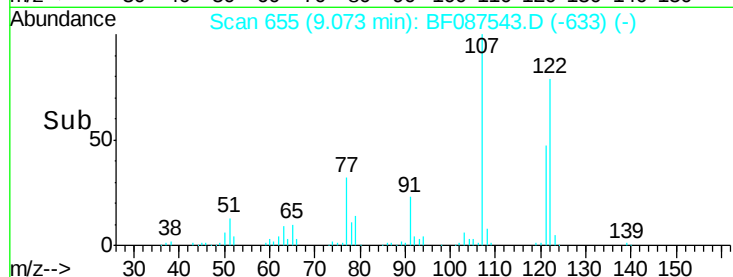
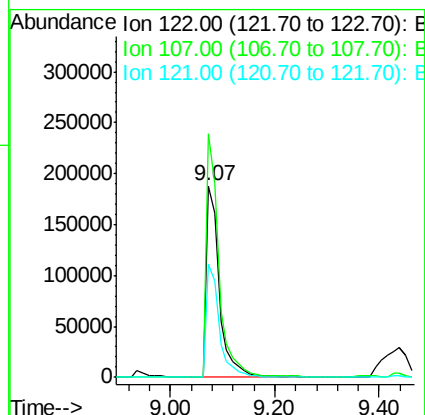
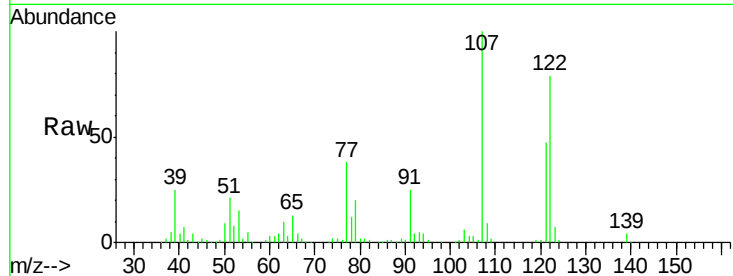




#27  
 2,4-Dimethylphenol  
 Concen: 40.46 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

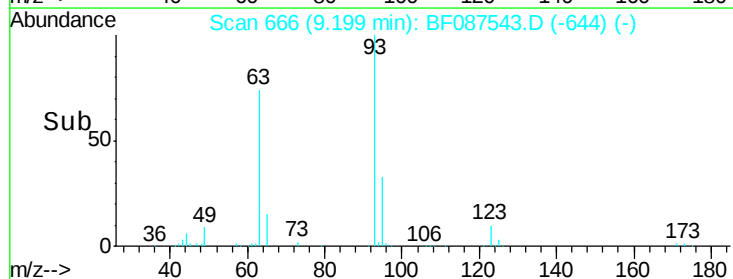
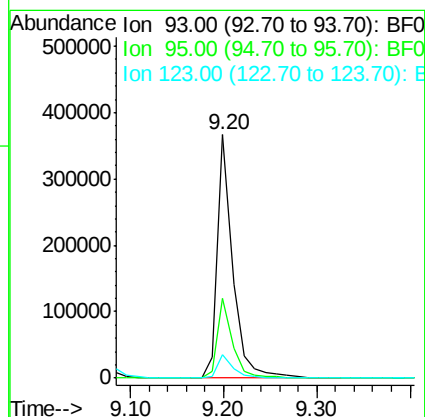
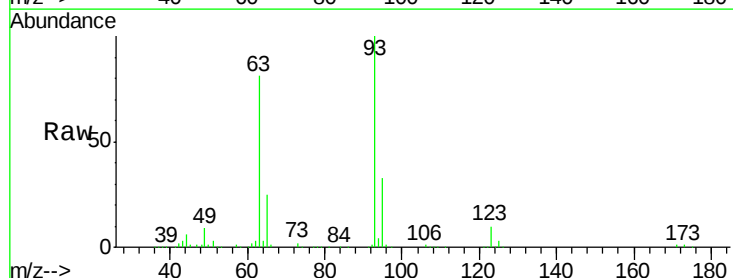
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

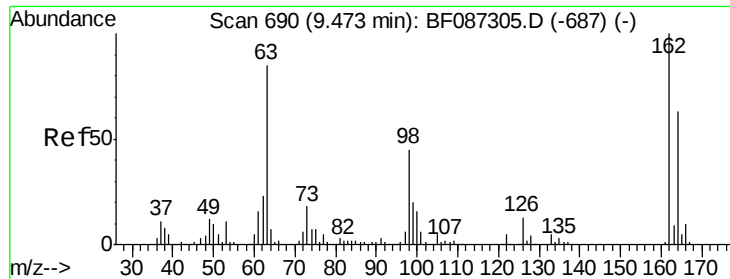
Tgt Ion:122 Resp: 330023  
 Ion Ratio Lower Upper  
 122 100  
 107 127.0 82.0 123.0#  
 121 59.1 46.1 69.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.15 ng  
 RT: 9.20 min Scan# 666  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Tgt Ion: 93 Resp: 419710  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.0 39.0  
 123 9.8 9.5 14.3

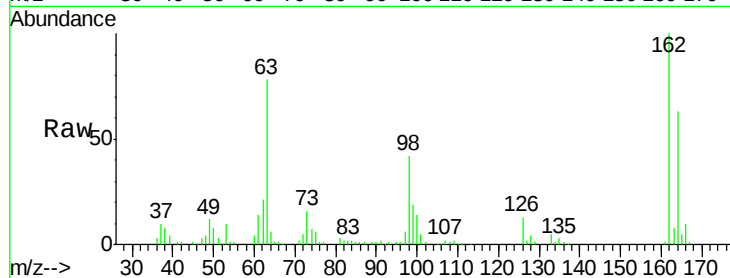




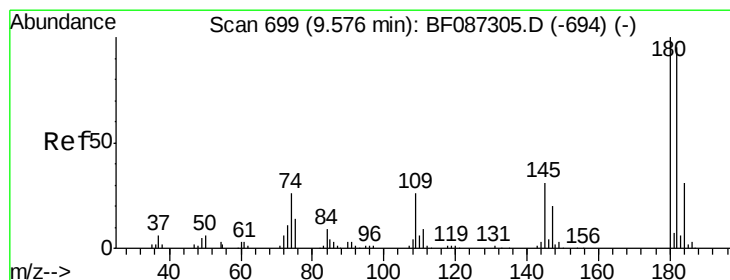
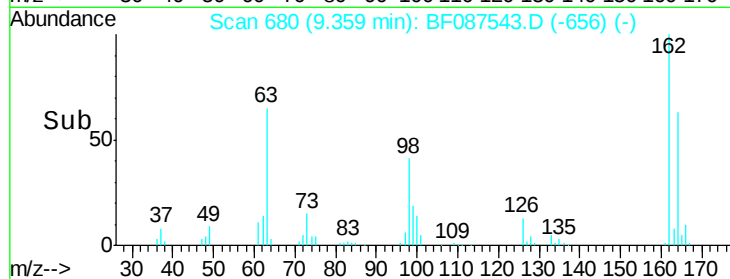
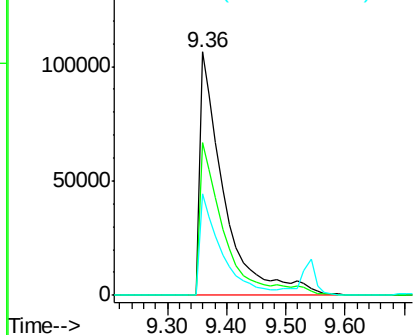
#29  
 2,4-Dichlorophenol  
 Concen: 41.32 ng  
 RT: 9.36 min Scan# 680  
 Delta R.T. -0.02 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 42.2  | 82.2  |
| 98      | 41.5  | 19.0  | 59.0  |

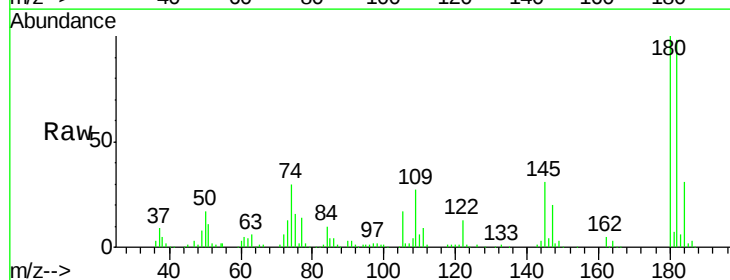


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

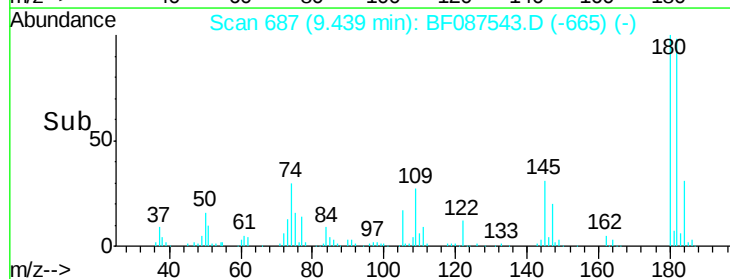
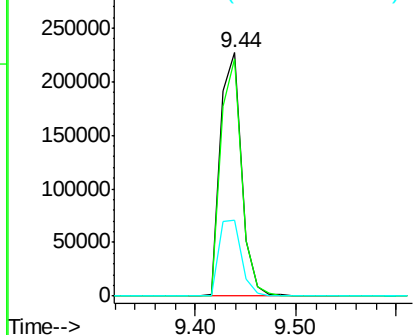


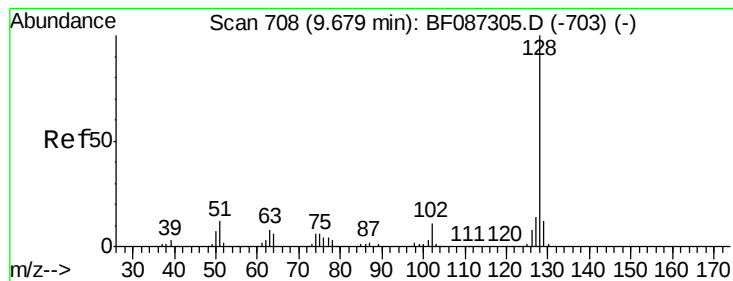
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.54 ng  
 RT: 9.44 min Scan# 687  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.7  | 78.0  | 117.0 |
| 145     | 31.3  | 24.2  | 36.2  |



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: 40.34 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

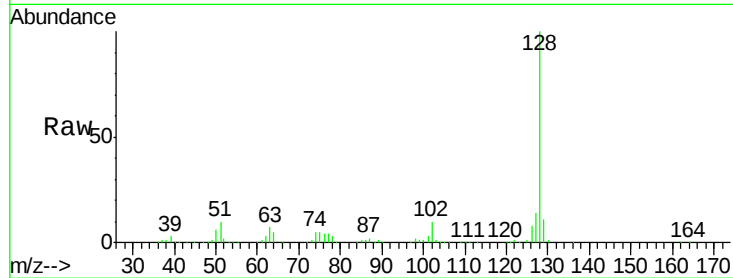
Tgt Ion:128 Resp: 1109382

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

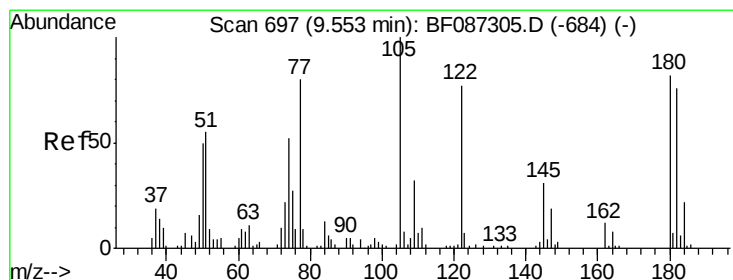
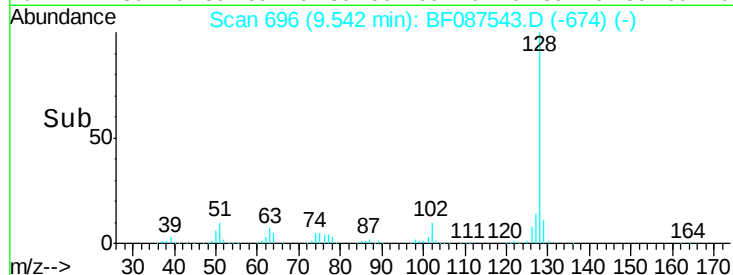
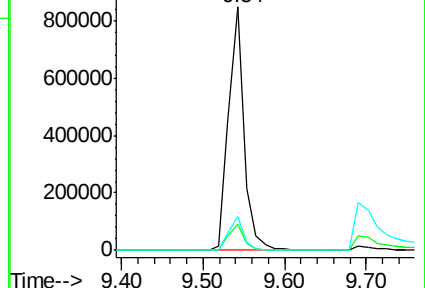
127 13.6 10.8 16.2



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: 27.41 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

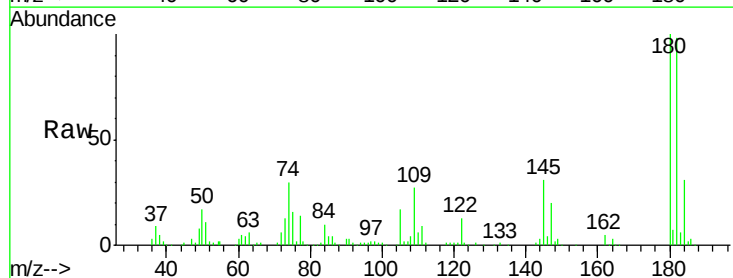
Tgt Ion:122 Resp: 103167

Ion Ratio Lower Upper

122 100

105 128.4 92.6 132.6

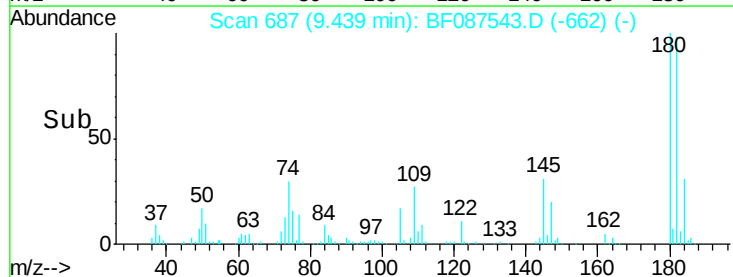
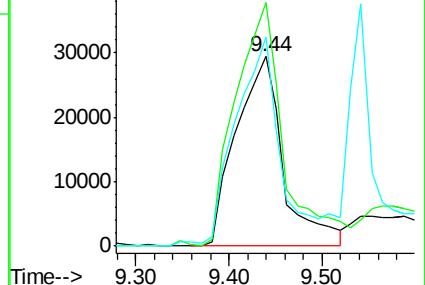
77 110.4 60.0 100.0#

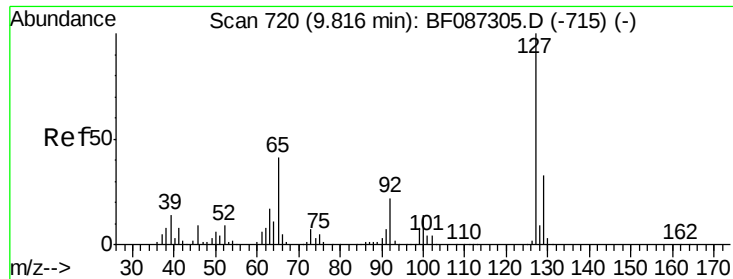


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

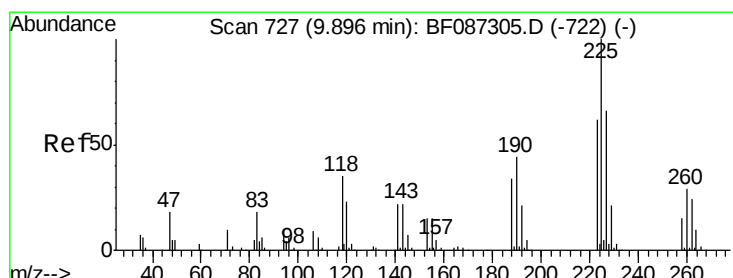
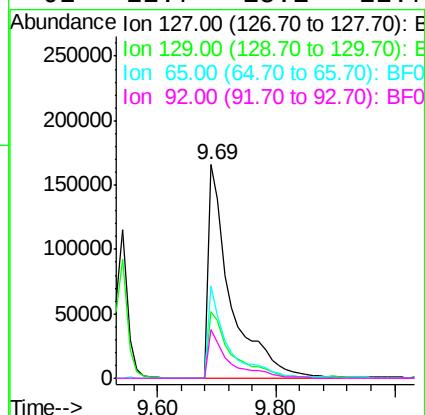
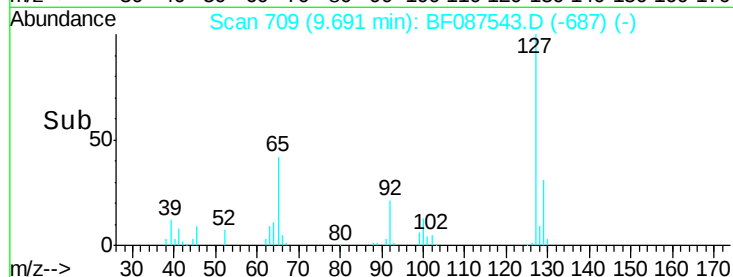
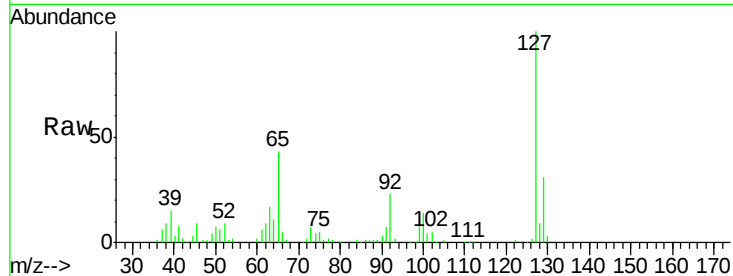




#33  
4-Chloroaniline  
Concen: 43.39 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.05 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

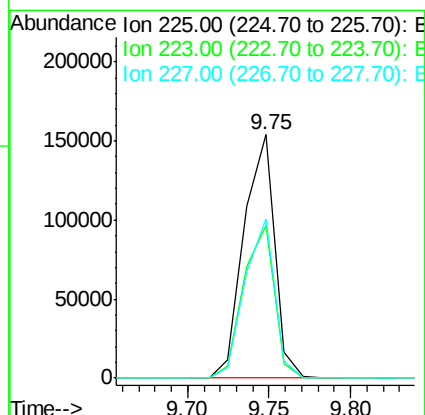
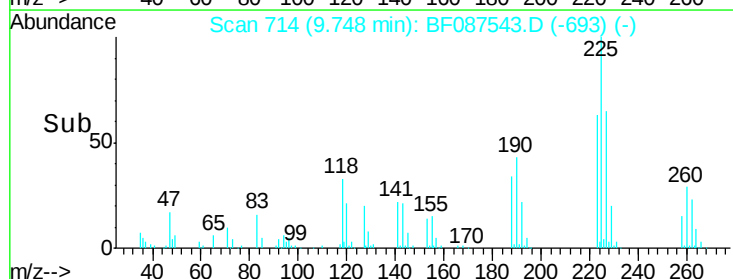
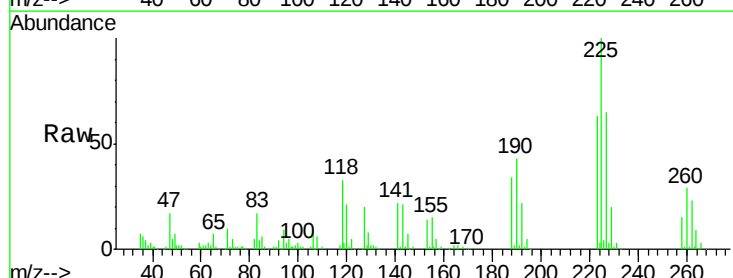
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

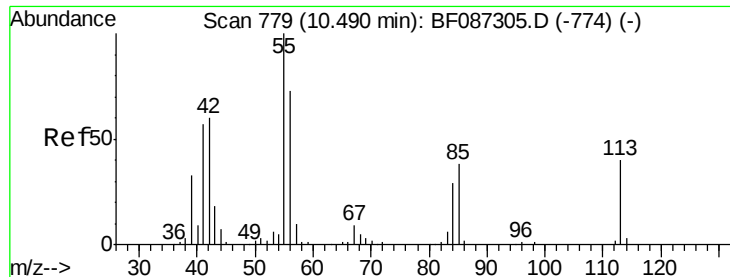
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 439481 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.4  | 26.2  | 39.4   |
| 65       | 43.3  | 23.0  | 34.4#  |
| 92       | 22.7  | 15.1  | 22.7#  |



#34  
Hexachlorobutadiene  
Concen: 39.01 ng  
RT: 9.75 min Scan# 714  
Delta R.T. -0.06 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 199557 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 51.5  | 77.3   |
| 227      | 65.1  | 52.2  | 78.2   |

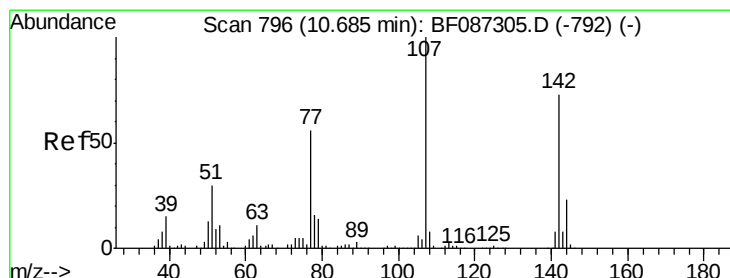
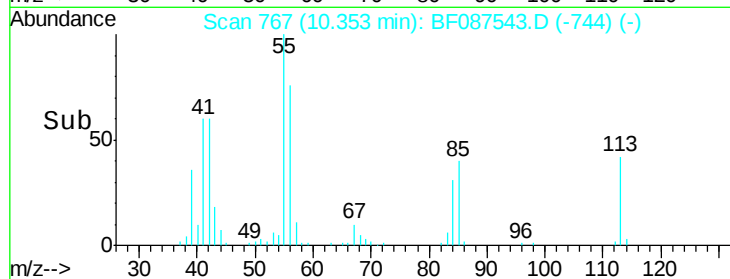
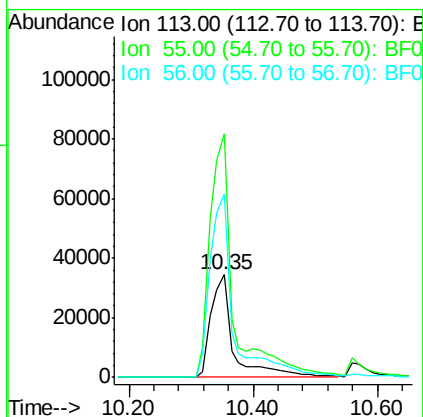
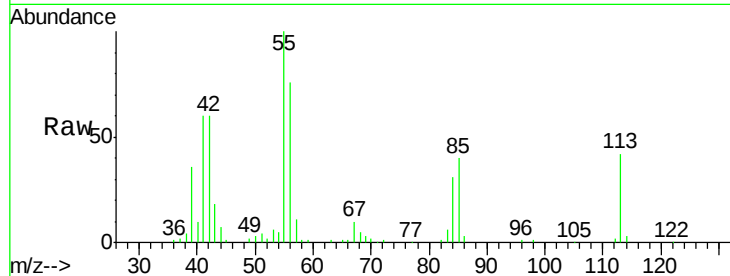




#35  
Caprolactam  
Concen: 40.50 ng  
RT: 10.35 min Scan# 767  
Delta R.T. -0.03 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

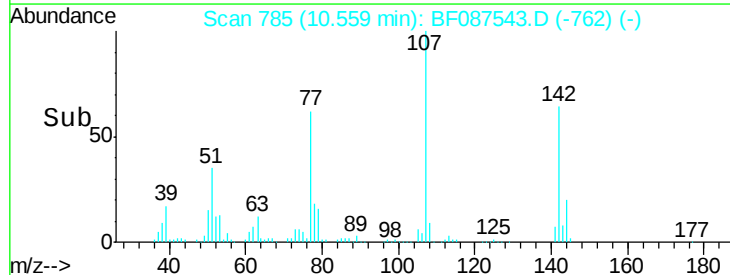
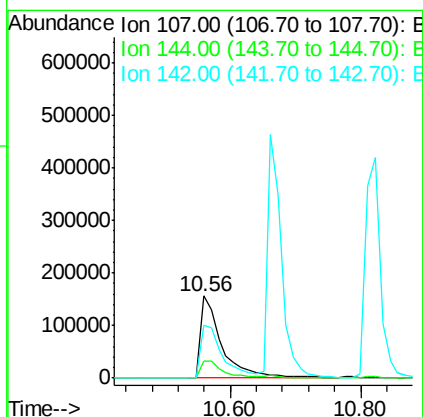
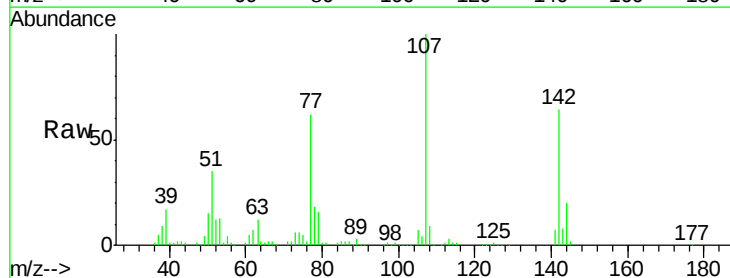
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

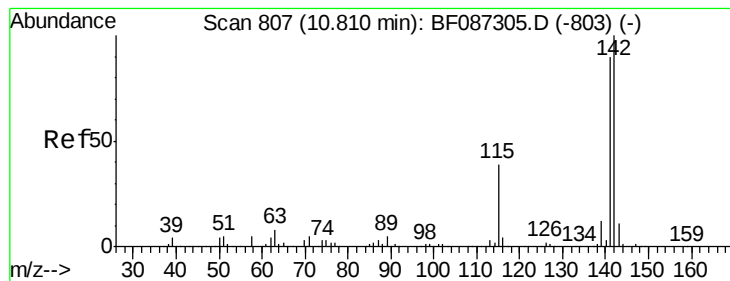
Tgt Ion:113 Resp: 86892  
Ion Ratio Lower Upper  
113 100  
55 237.8 162.0 202.0#  
56 179.7 115.3 155.3#



#36  
4-Chloro-3-methylphenol  
Concen: 42.82 ng  
RT: 10.56 min Scan# 785  
Delta R.T. -0.03 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion:107 Resp: 355905  
Ion Ratio Lower Upper  
107 100  
144 20.2 20.7 31.1#  
142 64.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 40.01 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.06 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

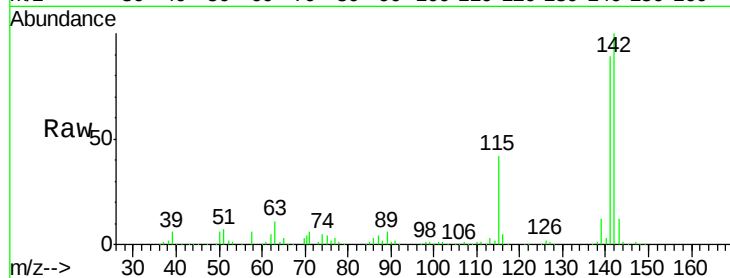
Tgt Ion:142 Resp: 687452

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

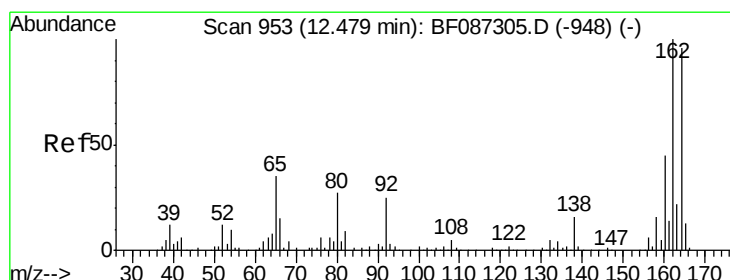
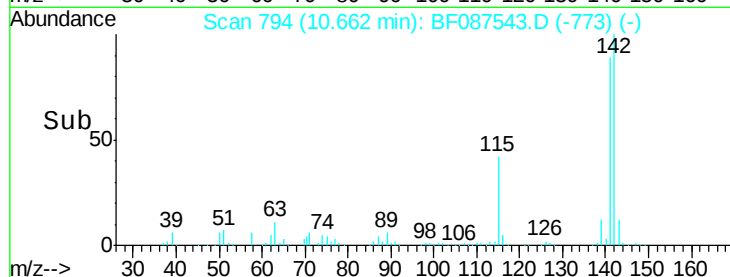
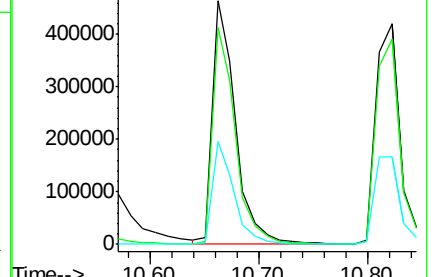
115 42.3 26.6 39.8#



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: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

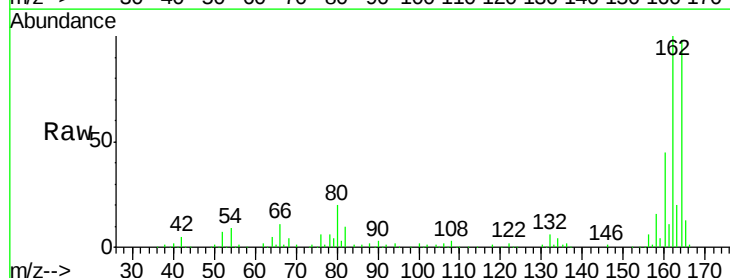
Tgt Ion:164 Resp: 253266

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

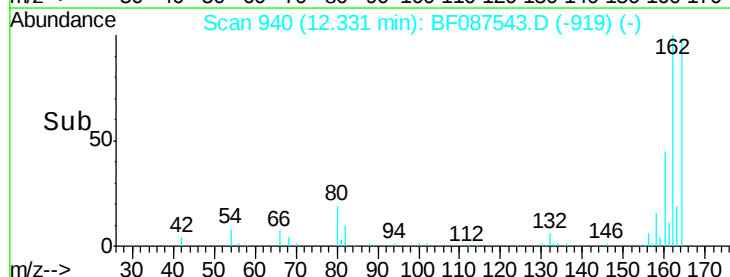
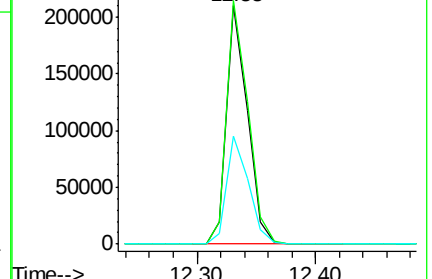
160 45.6 36.9 55.3

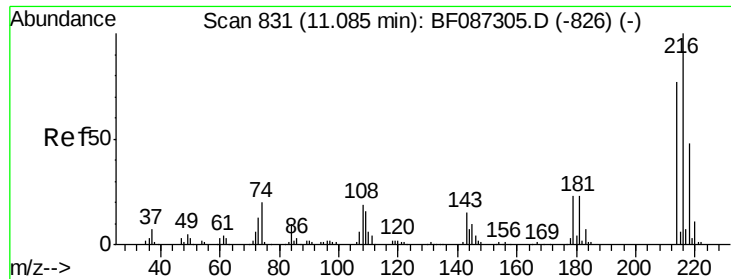


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

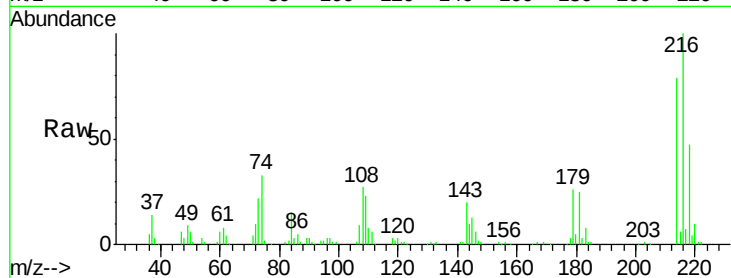




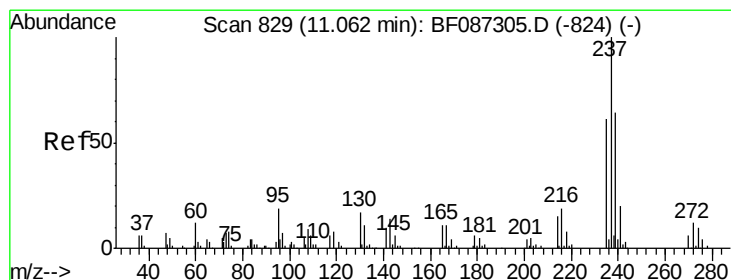
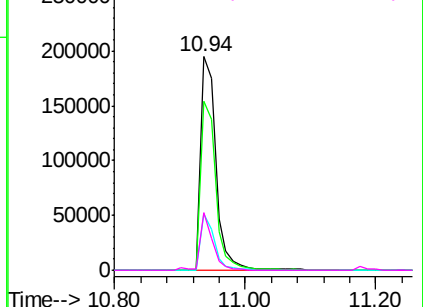
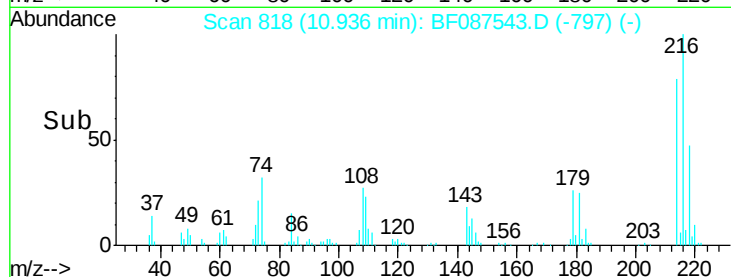
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.76 ng  
 RT: 10.94 min Scan# 818  
 Delta R.T. -0.06 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 314221 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.1  | 62.6  | 93.8   |
| 179      | 23.7  | 18.2  | 27.4   |
| 108      | 22.2  | 17.5  | 26.3   |

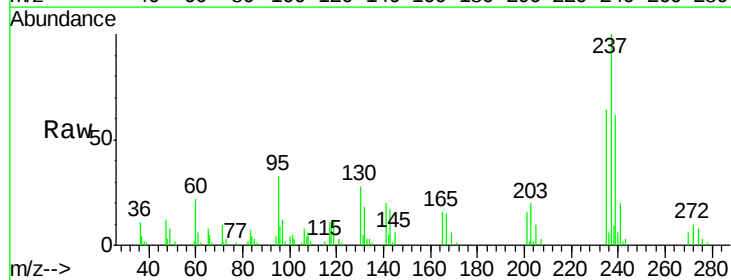


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

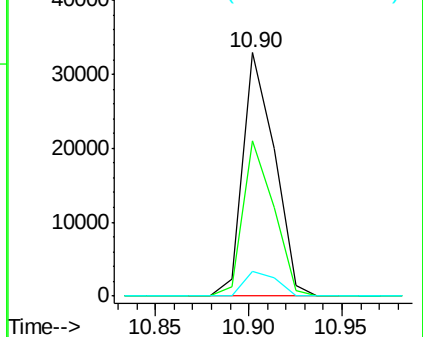
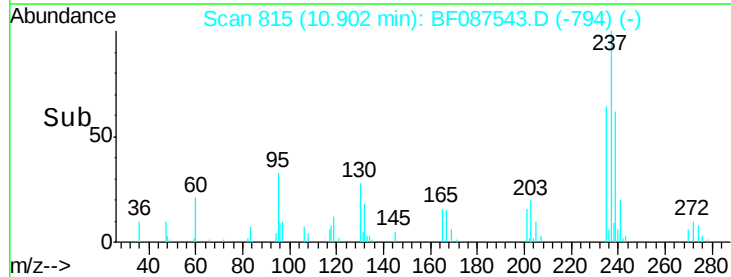


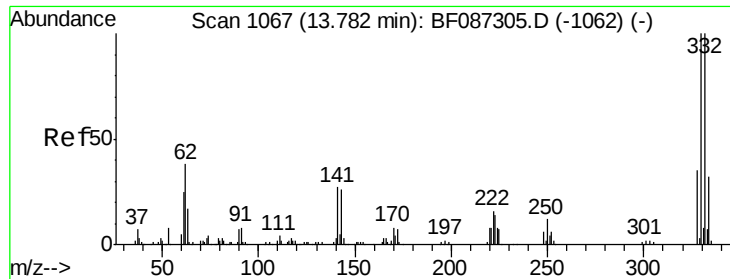
#40  
 Hexachlorocyclopentadiene  
 Concen: 19.74 ng  
 RT: 10.90 min Scan# 815  
 Delta R.T. -0.06 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 38892 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 64.0  | 47.2  | 87.2  |
| 272      | 10.0  | 0.0   | 31.1  |



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

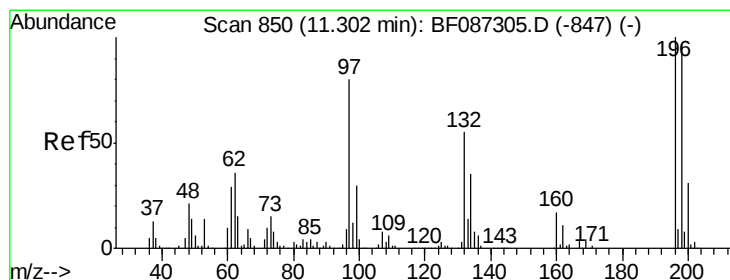
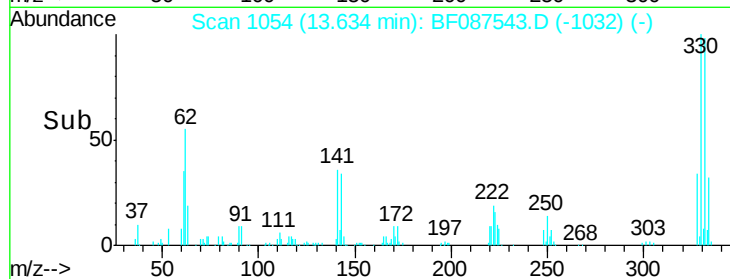
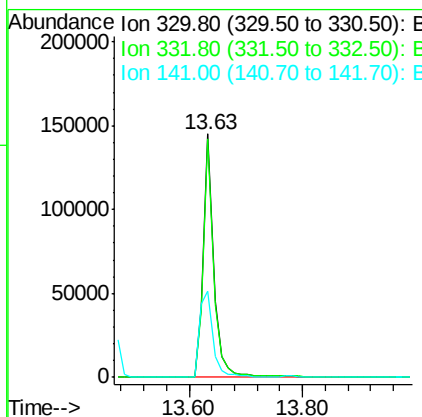
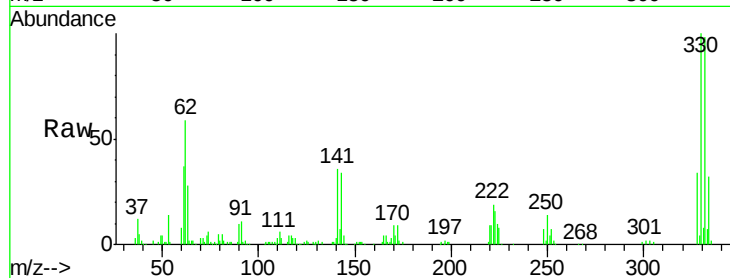




#41  
 2,4,6-Tribromophenol  
 Concen: 75.27 ng  
 RT: 13.63 min Scan# 1054  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

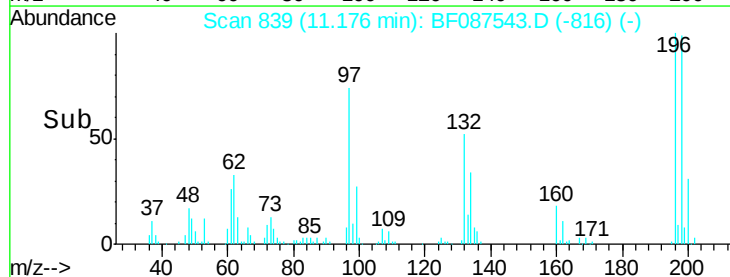
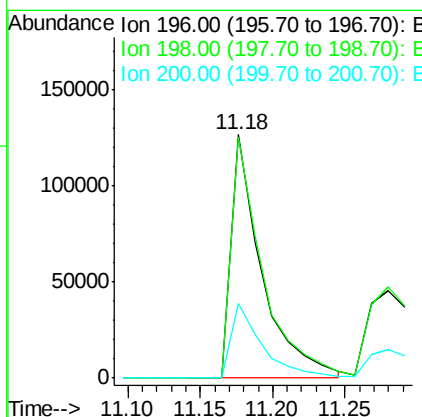
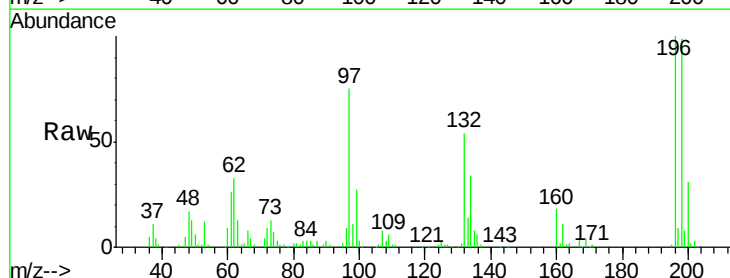
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

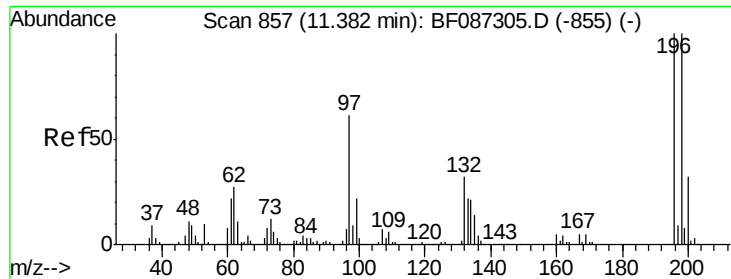
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 79.0  | 118.4 |
| 141     | 44.7  | 31.2  | 46.8  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 39.74 ng  
 RT: 11.18 min Scan# 839  
 Delta R.T. -0.03 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.1  | 74.7  | 112.1 |
| 200     | 30.6  | 23.8  | 35.6  |

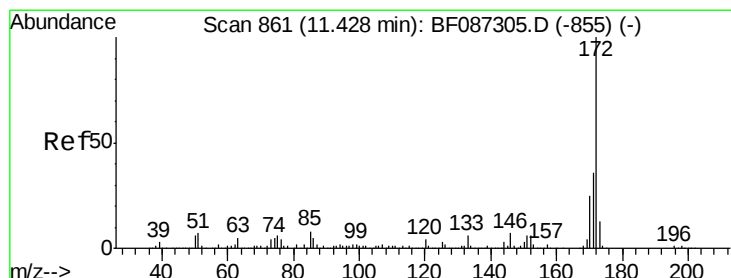
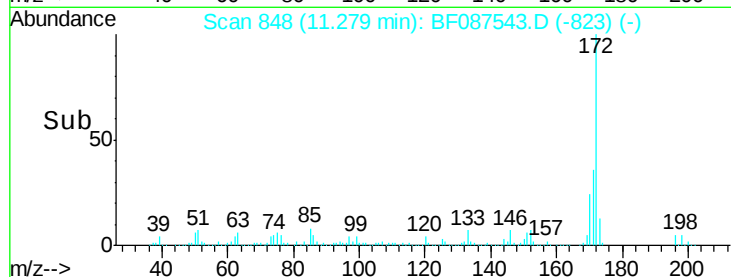
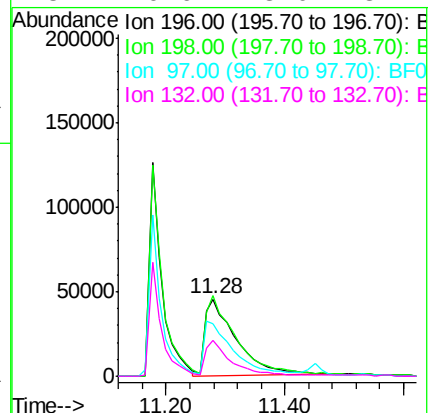
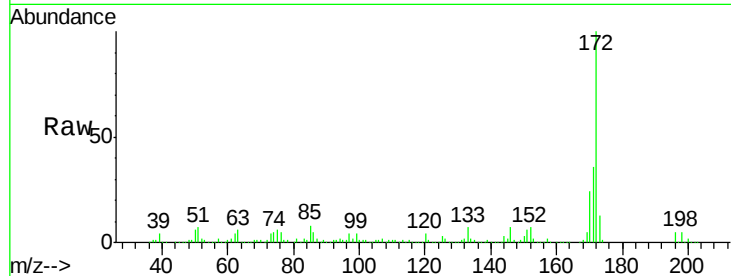




#43  
 2,4,5-Trichlorophenol  
 Concen: 35.03 ng  
 RT: 11.28 min Scan# 848  
 Delta R.T. -0.01 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

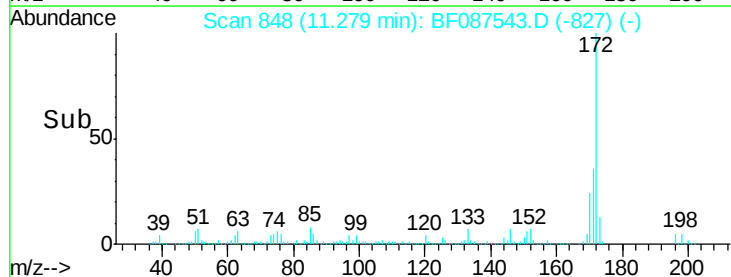
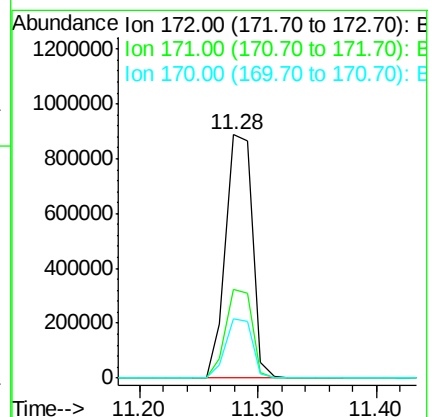
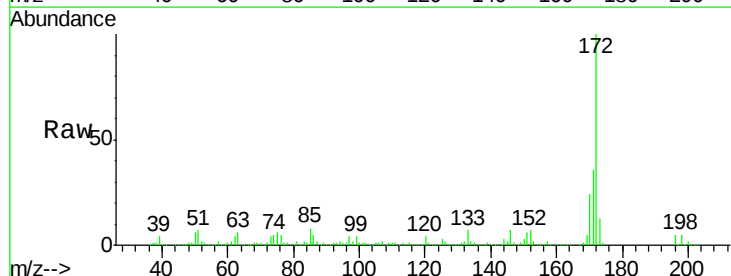
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

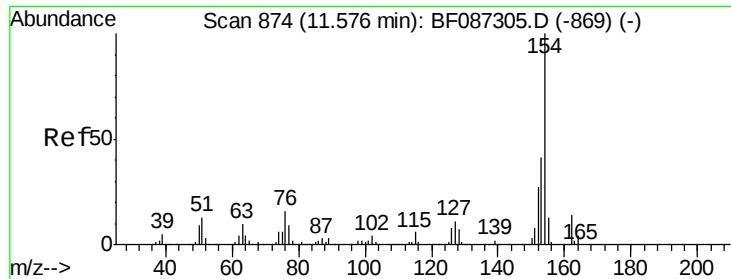
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.9 | 77.5  | 116.3 |
| 97      | 68.3  | 34.8  | 52.2# |
| 132     | 46.6  | 23.0  | 34.4# |



#44  
 2-Fluorobiphenyl  
 Concen: 77.15 ng  
 RT: 11.28 min Scan# 848  
 Delta R.T. -0.06 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.0  | 43.6  |
| 170     | 24.3  | 19.8  | 29.8  |





#45

1,1'-Biphenyl

Concen: 39.87 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

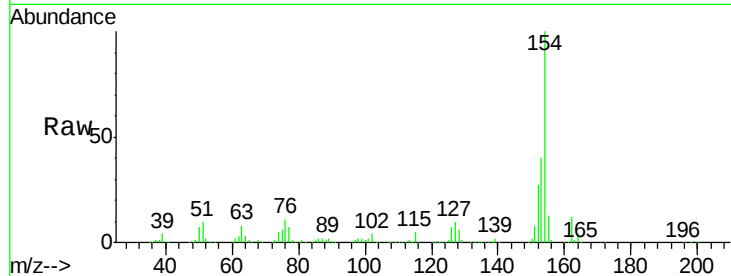
Tgt Ion:154 Resp: 850116

Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

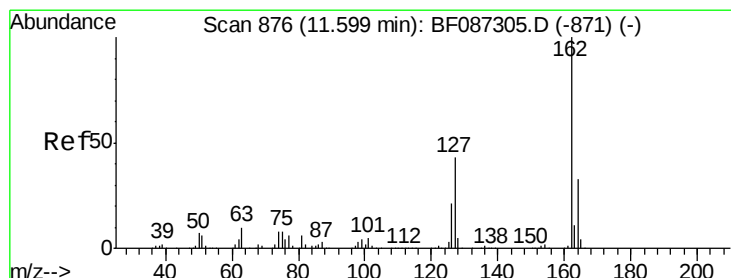
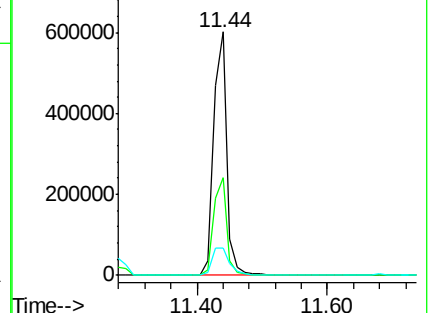
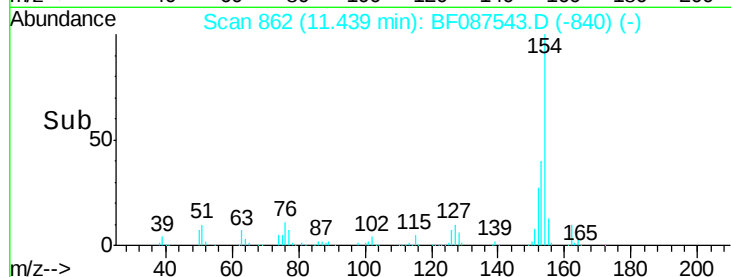
76 11.4 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.51 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

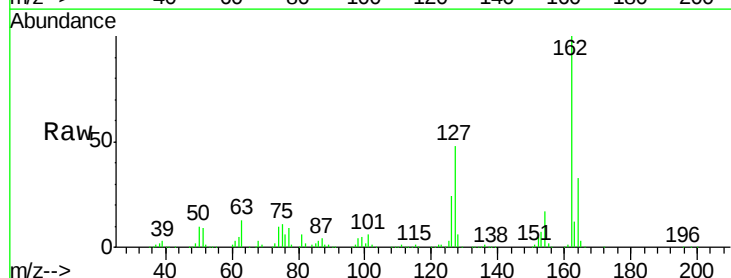
Tgt Ion:162 Resp: 628239

Ion Ratio Lower Upper

162 100

127 47.8 31.8 47.6#

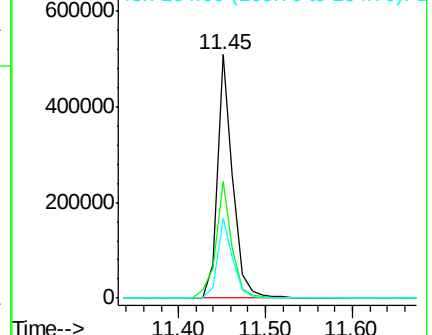
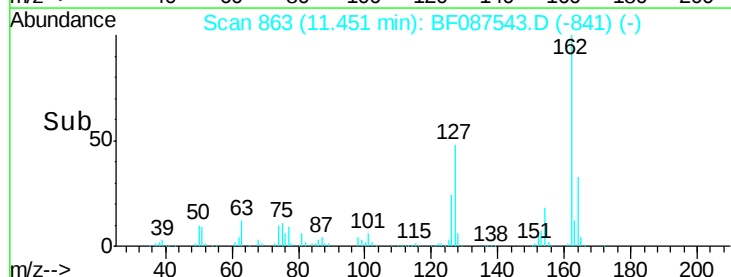
164 32.6 27.0 40.6

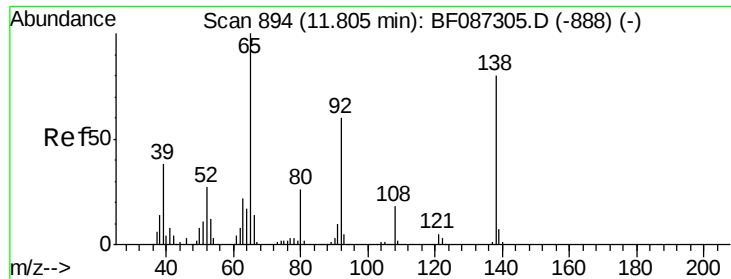


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

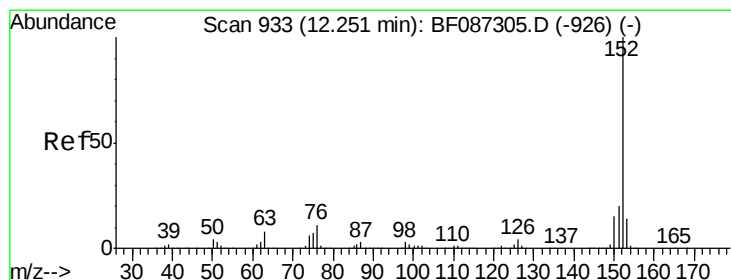
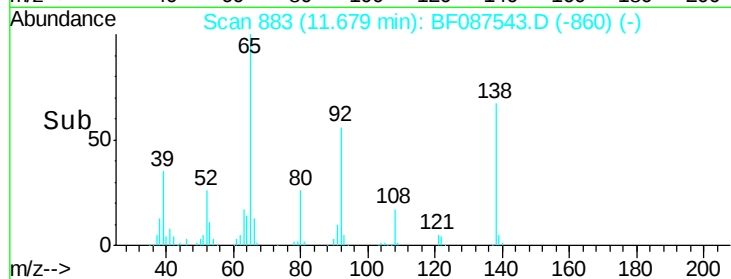
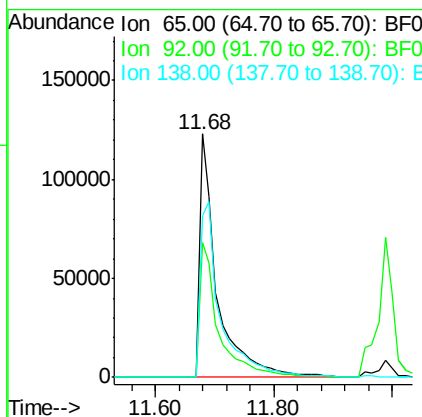
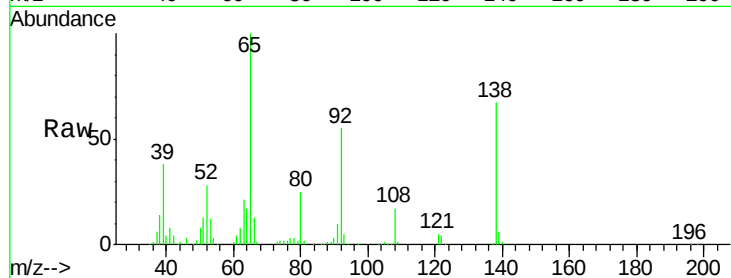




#47  
2-Nitroaniline  
Concen: 43.77 ng  
RT: 11.68 min Scan# 883  
Delta R.T. -0.03 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

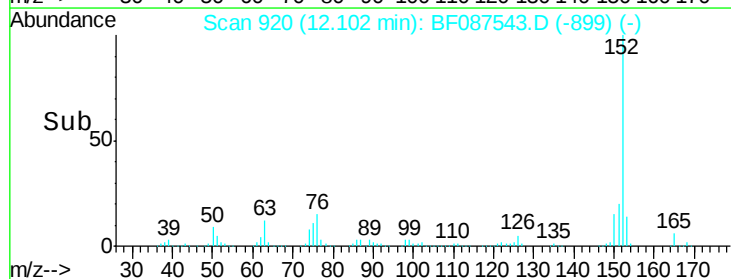
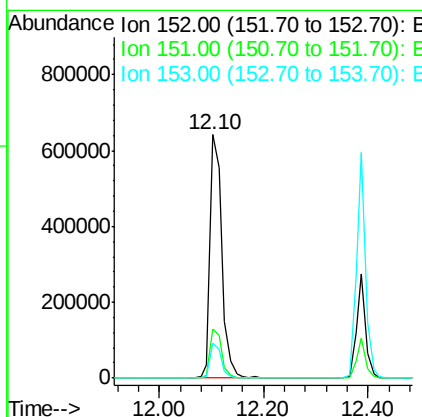
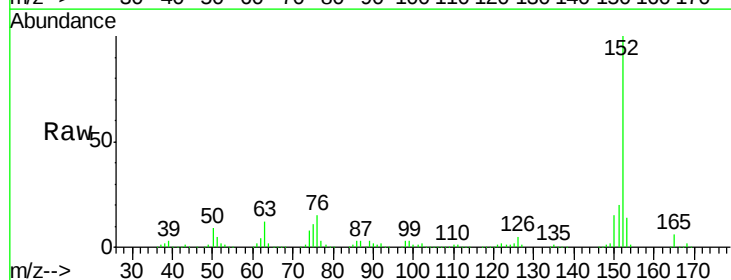
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

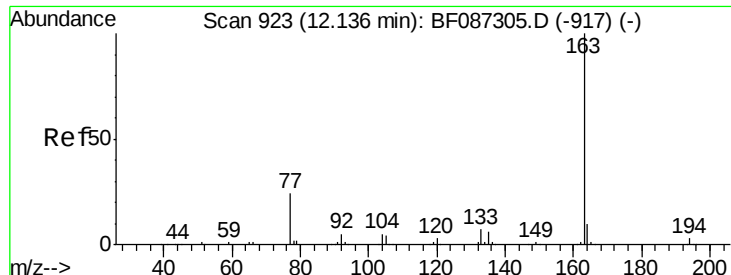
Tgt Ion: 65 Resp: 257290  
Ion Ratio Lower Upper  
65 100  
92 55.2 57.4 86.2#  
138 66.6 90.1 135.1#



#48  
Acenaphthylene  
Concen: 38.71 ng  
RT: 12.10 min Scan# 920  
Delta R.T. -0.06 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion: 152 Resp: 999802  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.8 25.2  
153 14.2 10.9 16.3

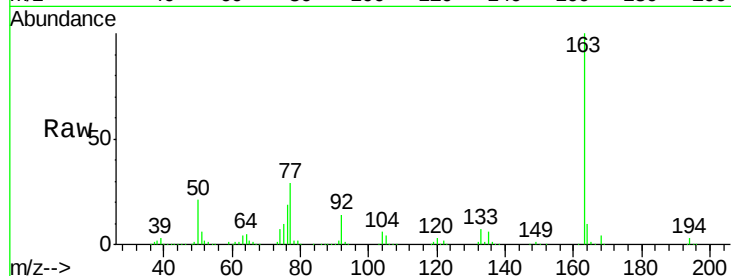




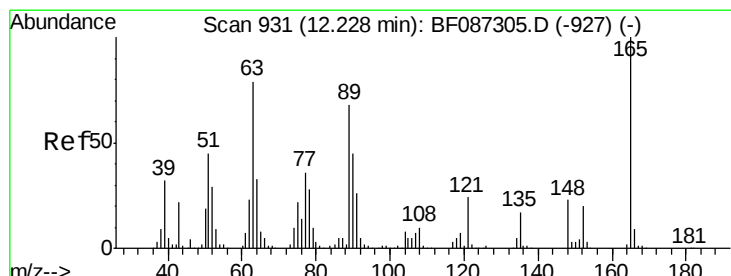
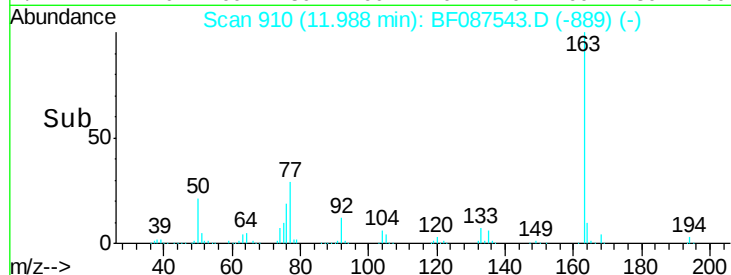
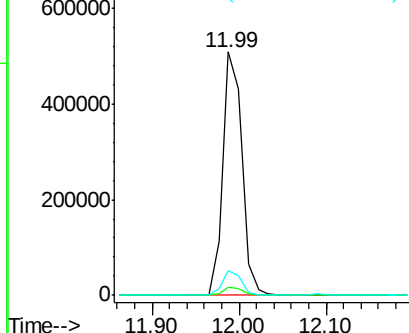
#49  
Dimethylphthalate  
Concen: 38.56 ng  
RT: 11.99 min Scan# 910  
Delta R.T. -0.06 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:163 Resp: 782247  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 4.0  
164 10.4 8.2 12.4

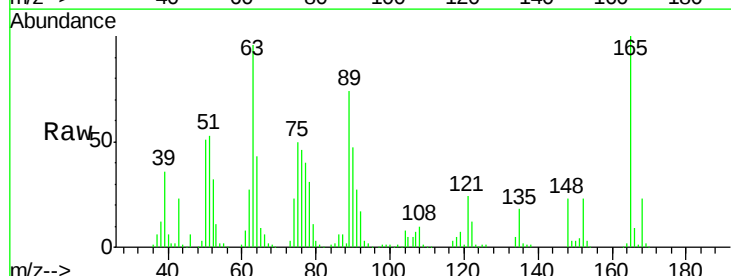


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

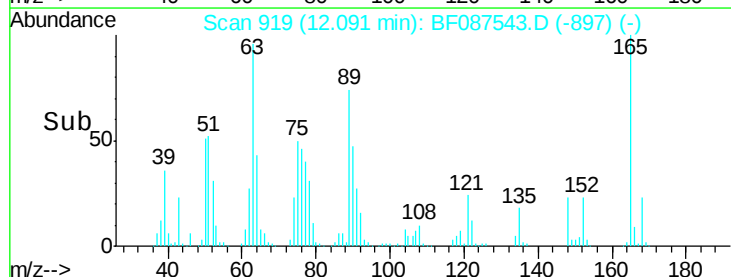
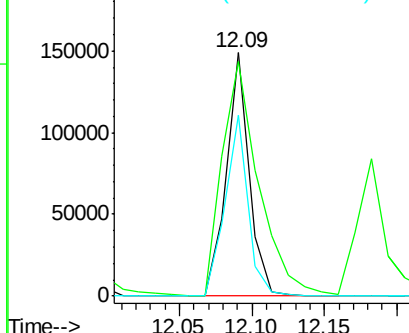


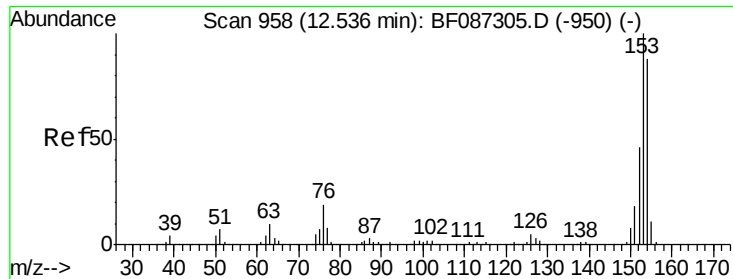
#50  
2,6-Dinitrotoluene  
Concen: 39.59 ng  
RT: 12.09 min Scan# 919  
Delta R.T. -0.05 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion:165 Resp: 161831  
Ion Ratio Lower Upper  
165 100  
63 96.2 51.8 77.8#  
89 74.1 50.7 76.1



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: 39.50 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

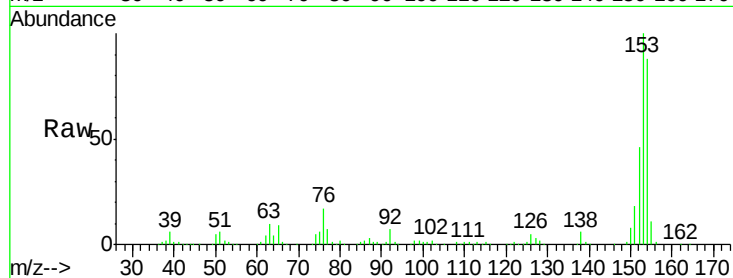
Tgt Ion:154 Resp: 627068

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

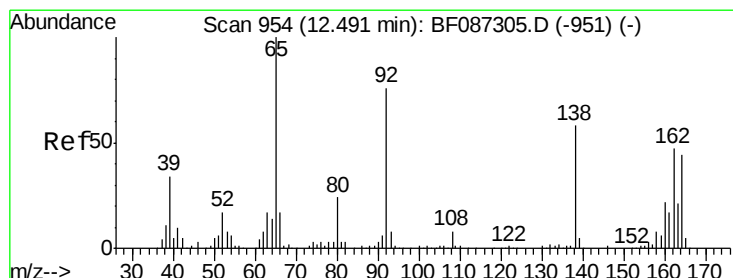
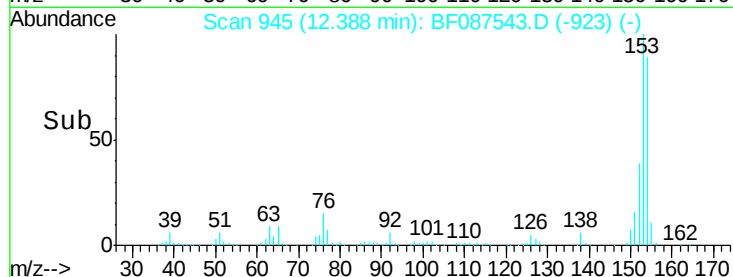
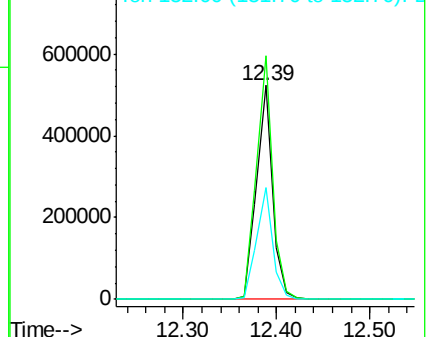
152 52.5 43.4 65.0



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: 41.95 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

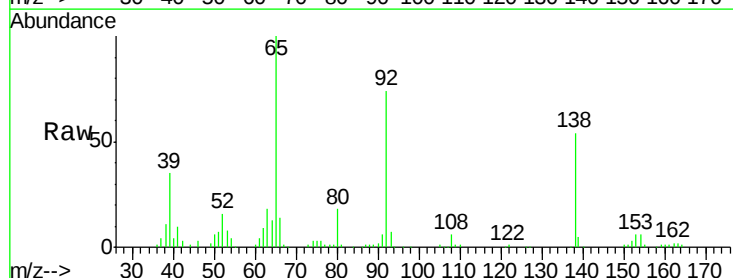
Tgt Ion:138 Resp: 176015

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

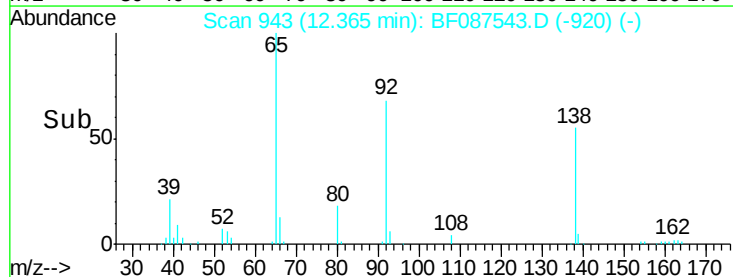
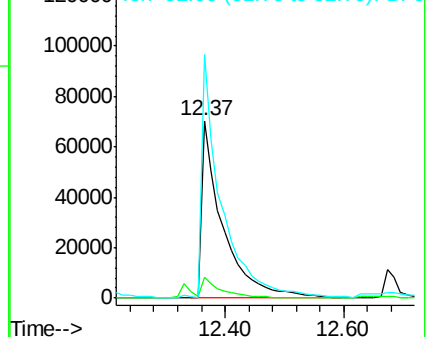
92 137.5 87.8 131.8#

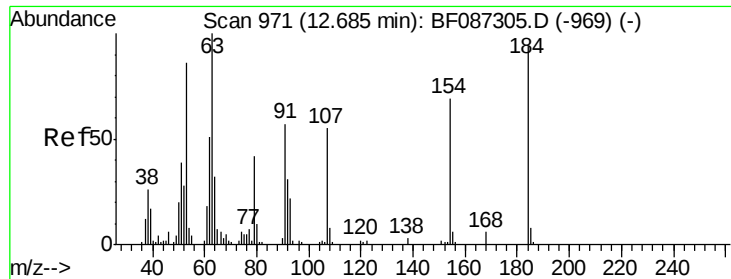


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

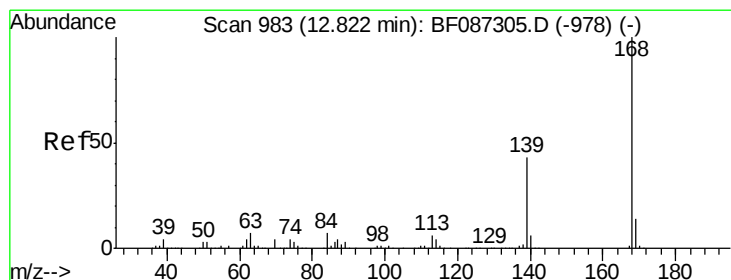
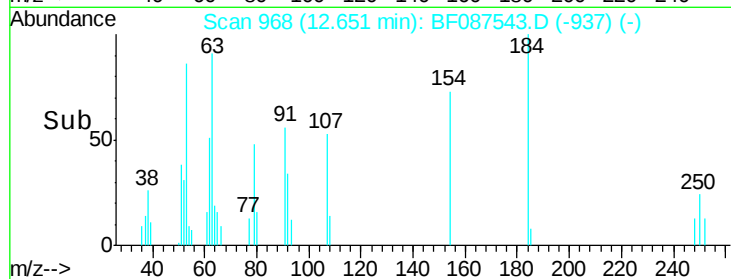
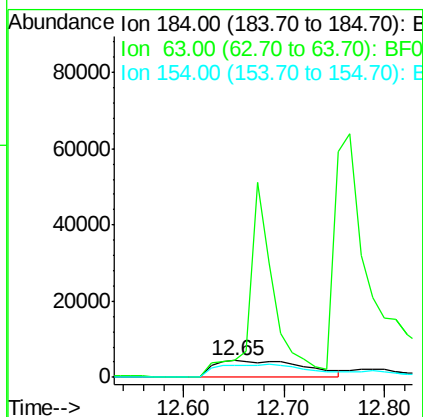
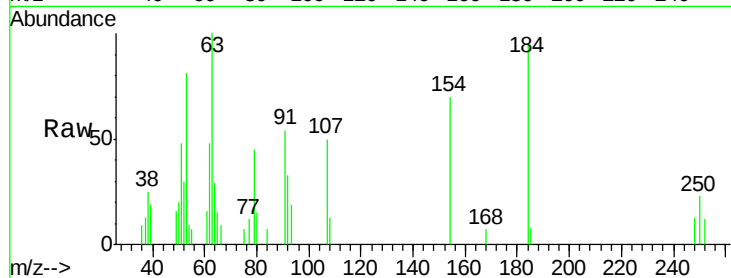




#53  
2,4-Dinitrophenol  
Concen: 18.61 ng  
RT: 12.65 min Scan# 968  
Delta R.T. 0.06 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

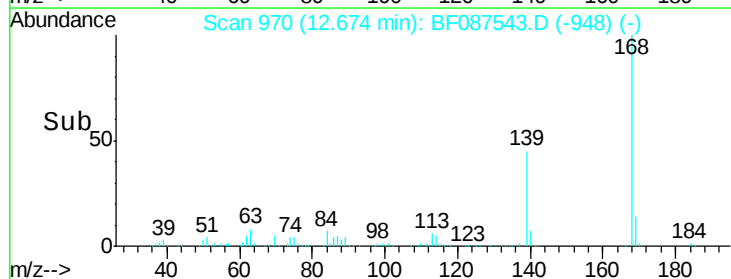
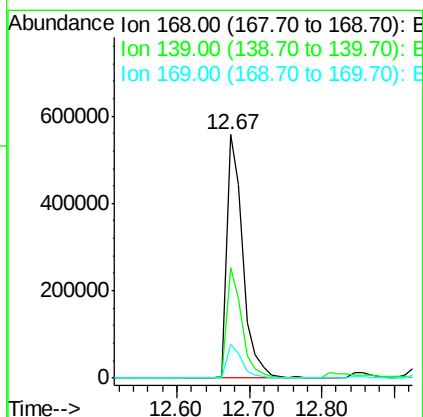
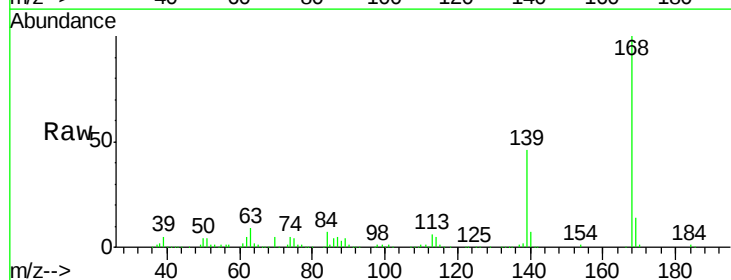
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

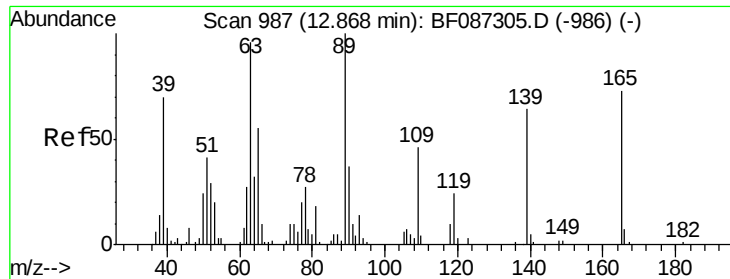
Tgt Ion:184 Resp: 27499  
Ion Ratio Lower Upper  
184 100  
63 105.2 55.8 83.8#  
154 73.3 62.4 93.6



#54  
Dibenzofuran  
Concen: 39.11 ng  
RT: 12.67 min Scan# 970  
Delta R.T. -0.05 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion:168 Resp: 840493  
Ion Ratio Lower Upper  
168 100  
139 45.6 31.4 47.0  
169 14.0 10.7 16.1





#55

4-Nitrophenol

Concen: 180.03 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.10 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

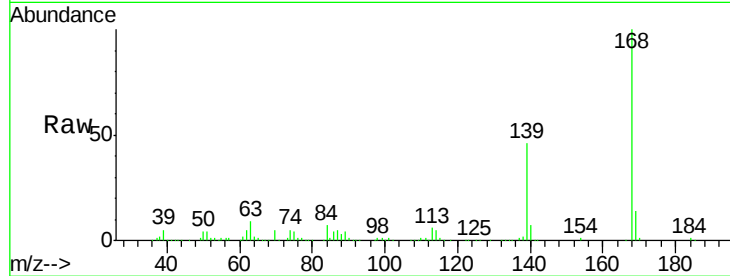
Tgt Ion:139 Resp: 360307

Ion Ratio Lower Upper

139 100

109 1.0 36.9 76.9#

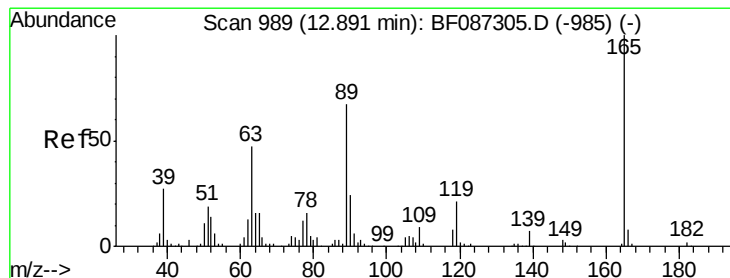
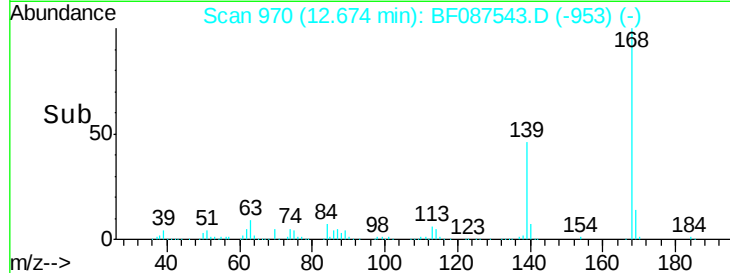
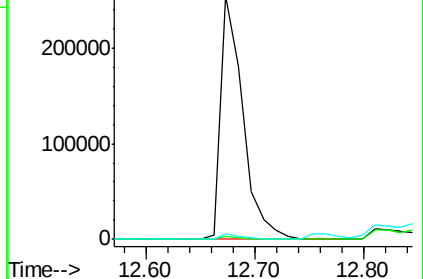
65 2.4 64.0 104.0#



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: 40.57 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:165 Resp: 221668

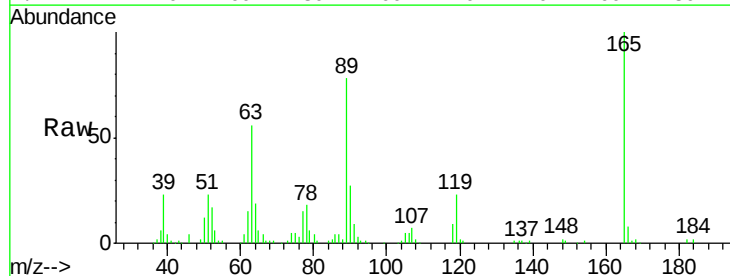
Ion Ratio Lower Upper

165 100

63 56.0 44.3 66.5

89 77.6 70.0 105.0

182 2.3 1.8 2.6

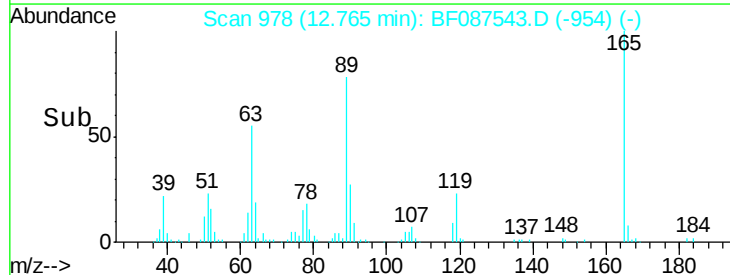
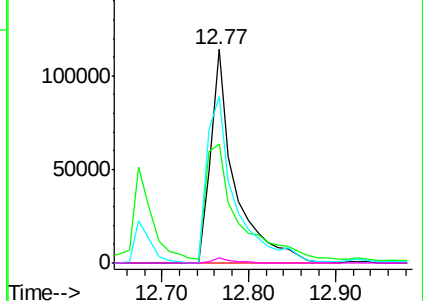


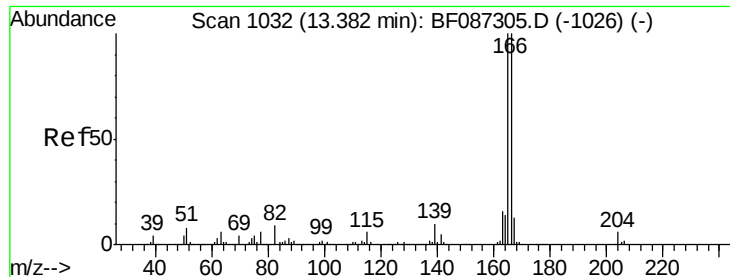
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.12 ng

RT: 13.23 min Scan# 1019

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

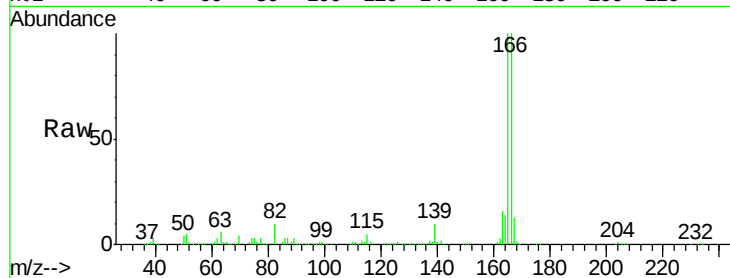
Tgt Ion:166 Resp: 729105

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

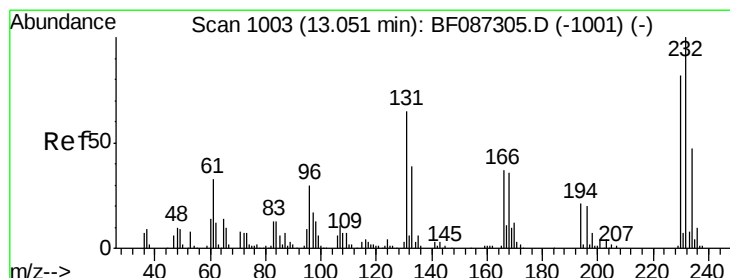
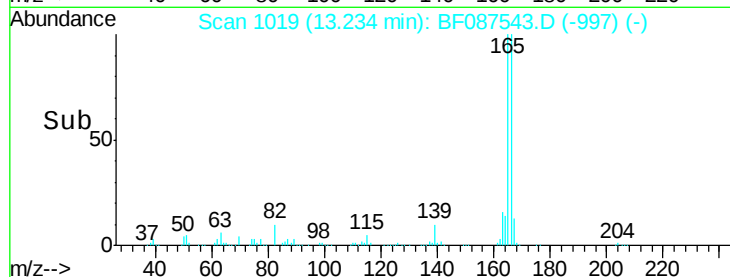
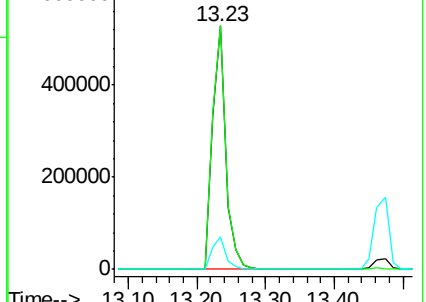
167 13.3 10.6 15.8



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: 34.15 ng

RT: 12.93 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:232 Resp: 125194

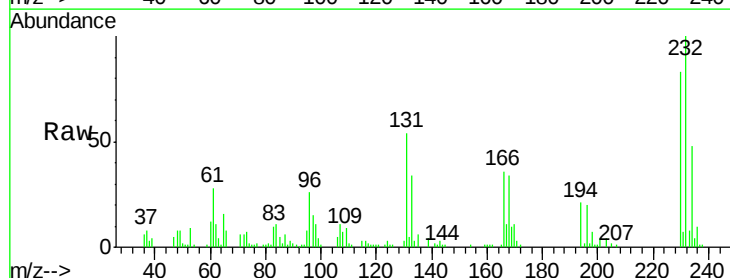
Ion Ratio Lower Upper

232 100

131 55.7 41.9 62.9

130 2.8 2.2 3.4

166 33.4 26.8 40.2

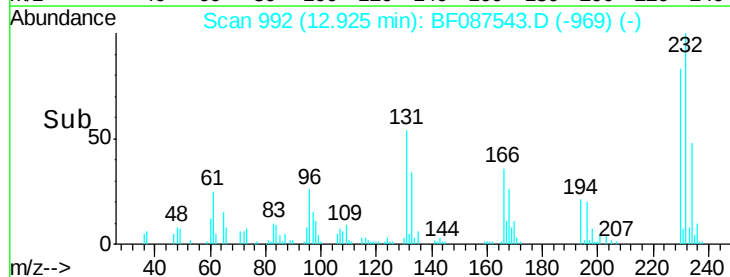
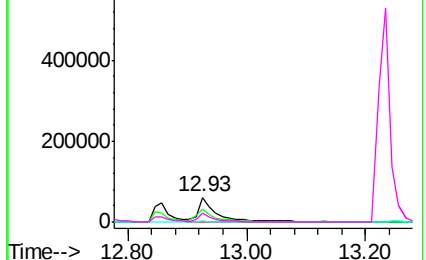


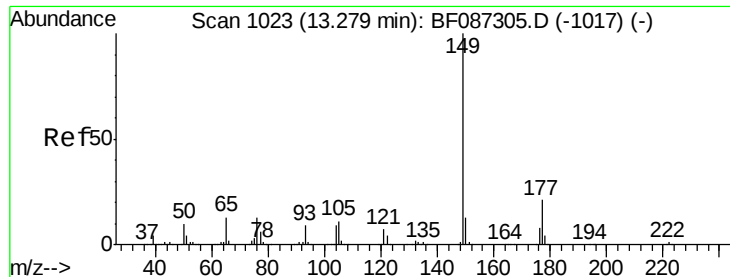
Abundance Ion 232.00 (231.70 to 232.70): E

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

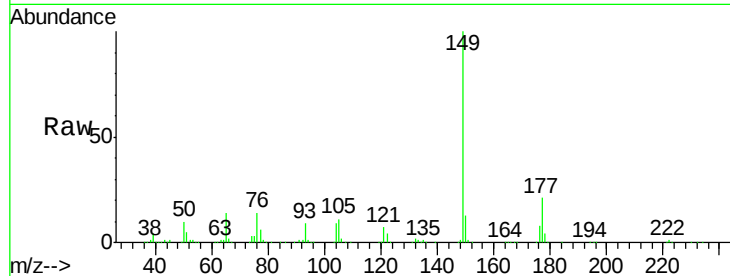




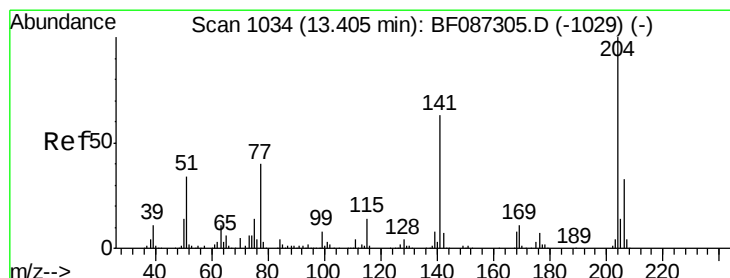
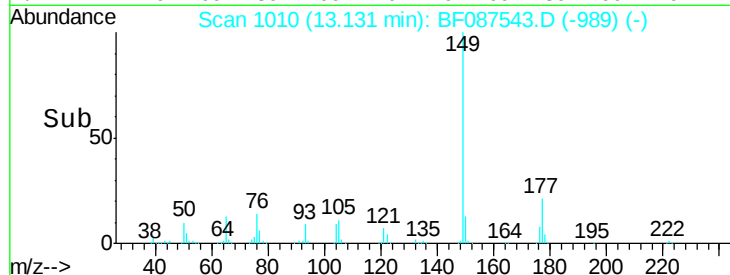
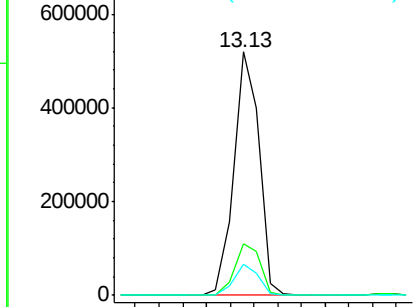
#59  
Diethylphthalate  
Concen: 38.94 ng  
RT: 13.13 min Scan# 1010  
Delta R.T. -0.06 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 768038  
Ion Ratio Lower Upper  
149 100  
177 21.0 16.6 24.8  
150 12.8 10.0 15.0

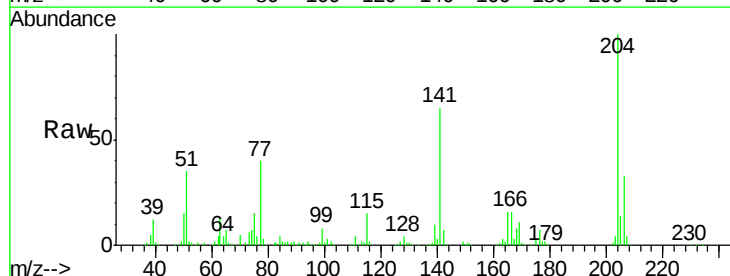


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

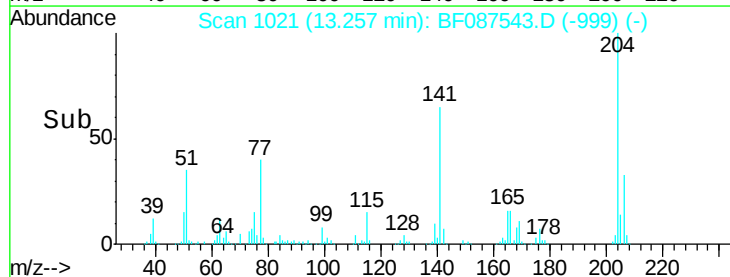
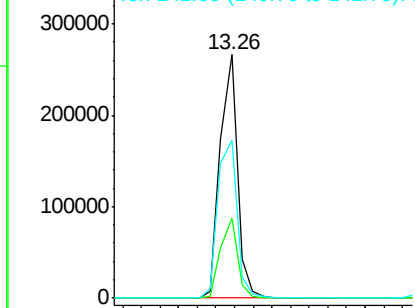


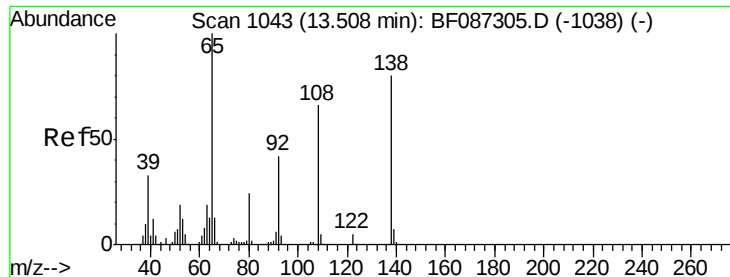
#60  
4-Chlorophenyl-phenylether  
Concen: 37.90 ng  
RT: 13.26 min Scan# 1021  
Delta R.T. -0.05 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion:204 Resp: 344478  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.4 38.0  
141 64.7 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

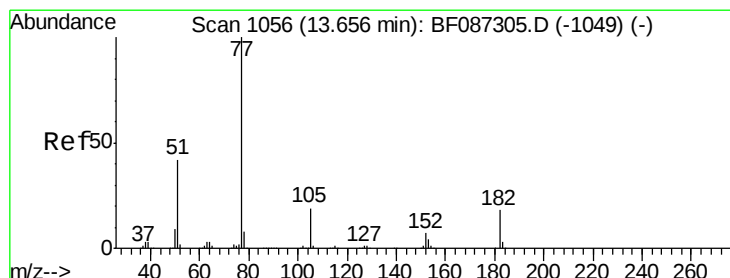
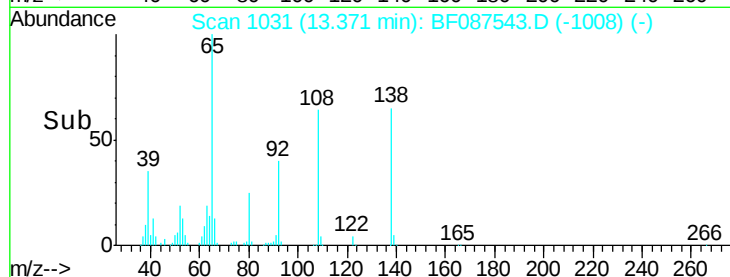
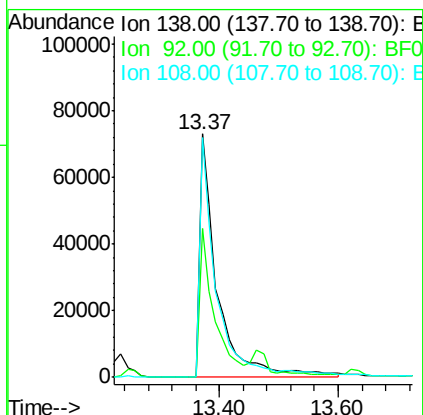
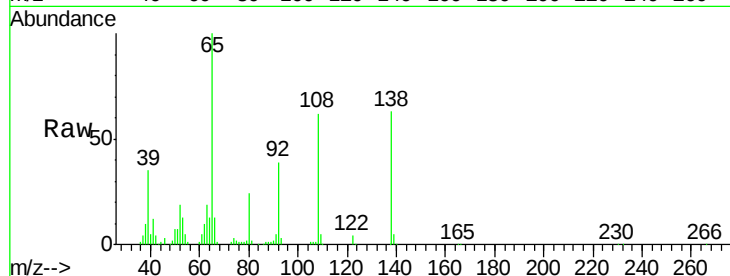




#61  
4-Nitroaniline  
Concen: 39.42 ng  
RT: 13.37 min Scan# 1031  
Delta R.T. -0.03 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

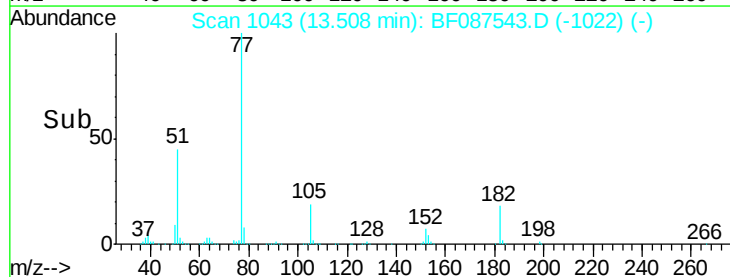
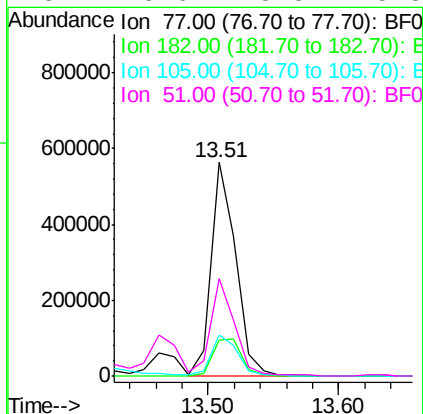
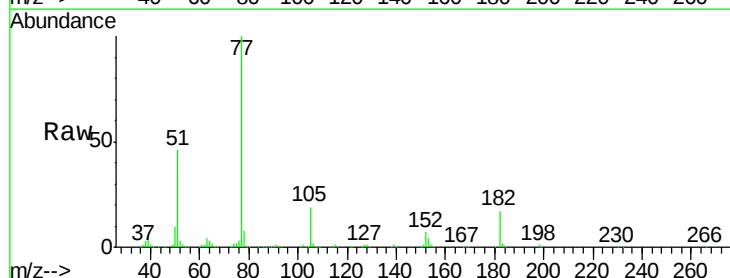
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

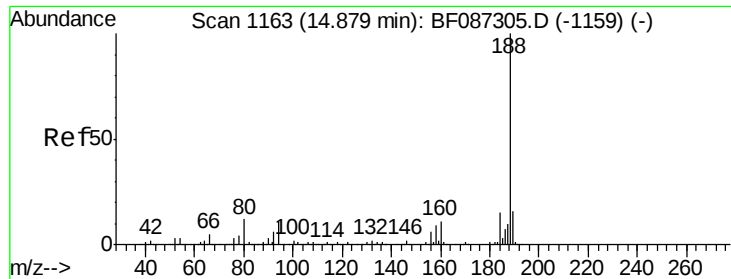
Tgt Ion:138 Resp: 154350  
Ion Ratio Lower Upper  
138 100  
92 61.4 24.7 64.7  
108 98.7 37.4 77.4#



#62  
Azobenzene  
Concen: 36.09 ng  
RT: 13.51 min Scan# 1043  
Delta R.T. -0.06 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion: 77 Resp: 738487  
Ion Ratio Lower Upper  
77 100  
182 17.1 0.0 38.8  
105 18.9 3.2 43.2  
51 45.6 8.8 48.8

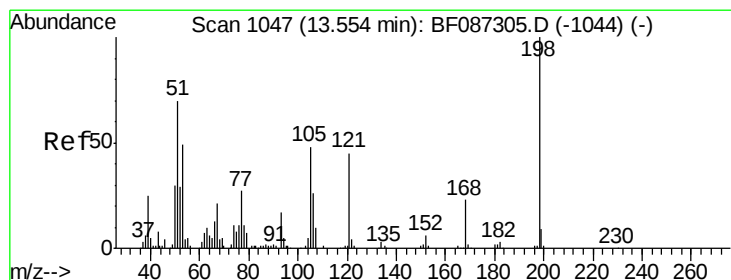
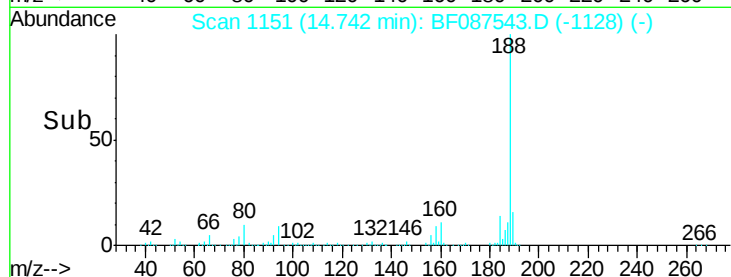
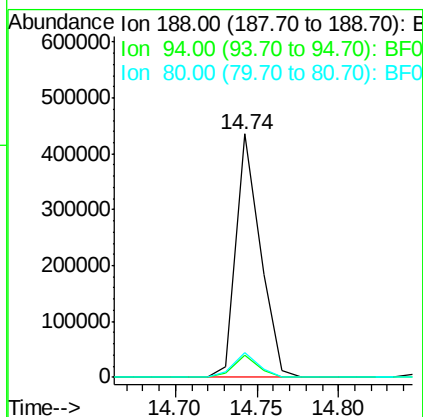
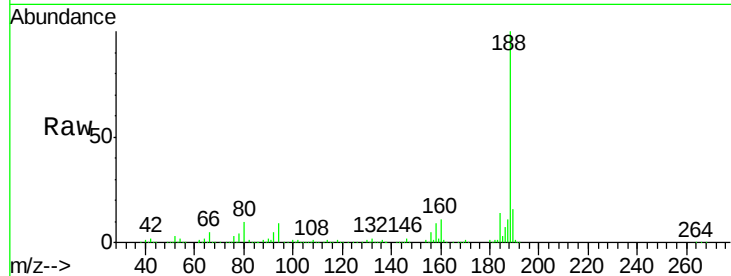




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.74 min Scan# 1151  
Delta R.T. -0.03 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

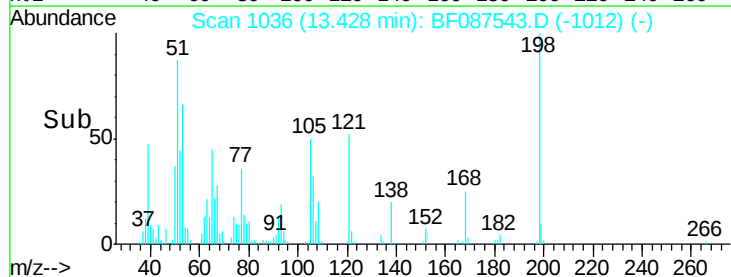
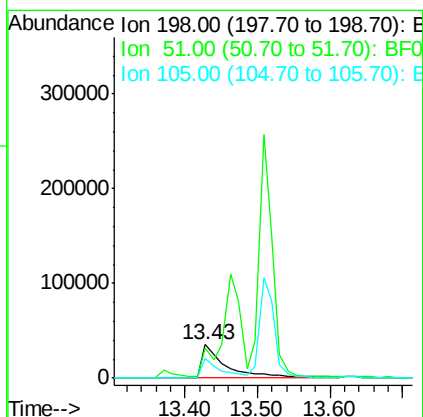
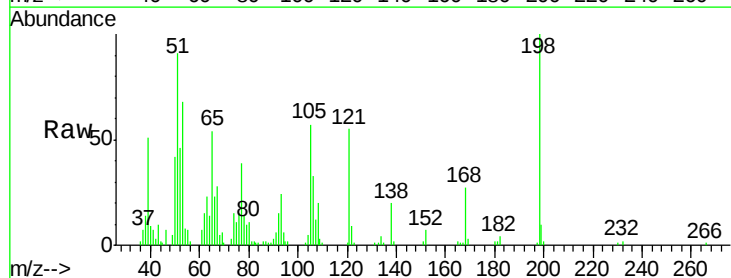
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

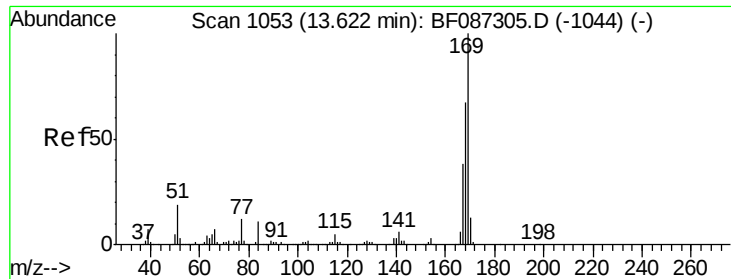
Tgt Ion:188 Resp: 447236  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.8 10.2  
80 10.3 7.1 10.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 30.01 ng  
RT: 13.43 min Scan# 1036  
Delta R.T. -0.02 min  
Lab File: BF087543.D  
Acq: 30 May 2016 10:46

Tgt Ion:198 Resp: 85345  
Ion Ratio Lower Upper  
198 100  
51 90.6 20.5 60.5#  
105 57.3 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.42 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

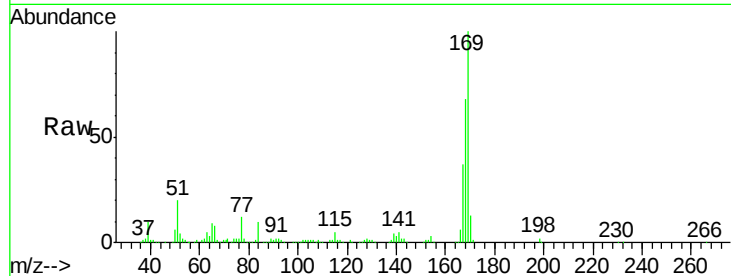
Tgt Ion:169 Resp: 599068

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

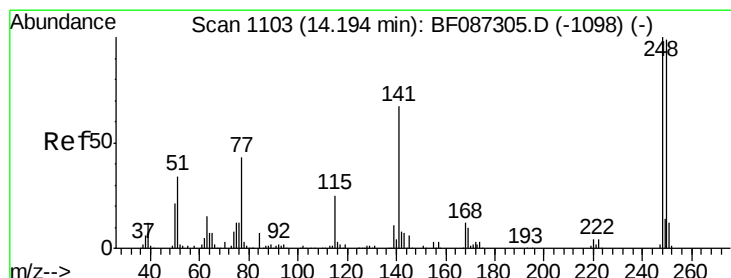
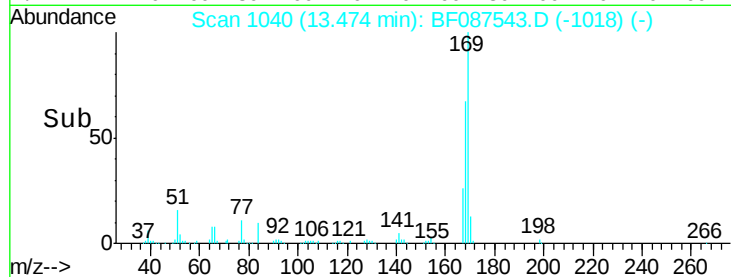
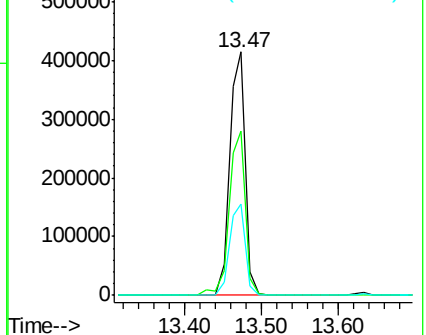
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.95 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.06 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

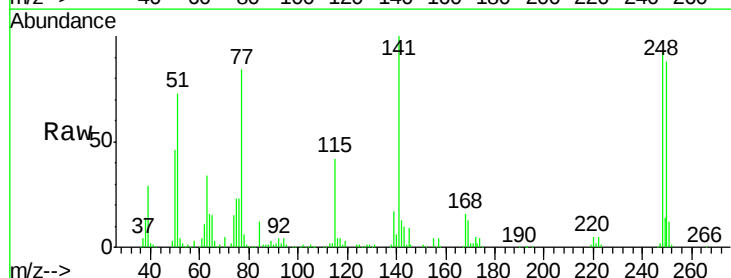
Tgt Ion:248 Resp: 195483

Ion Ratio Lower Upper

248 100

250 94.4 78.6 117.8

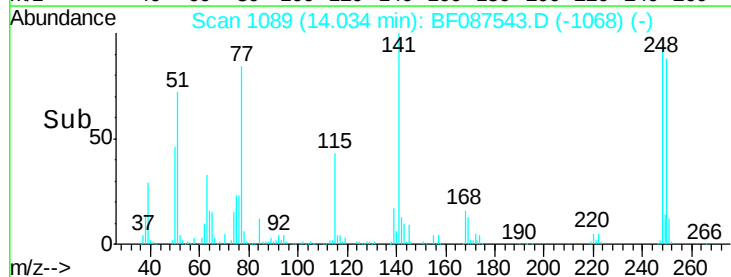
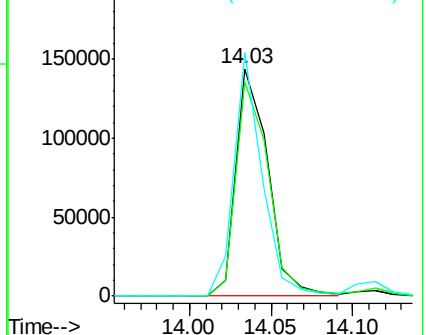
141 107.1 76.0 114.0

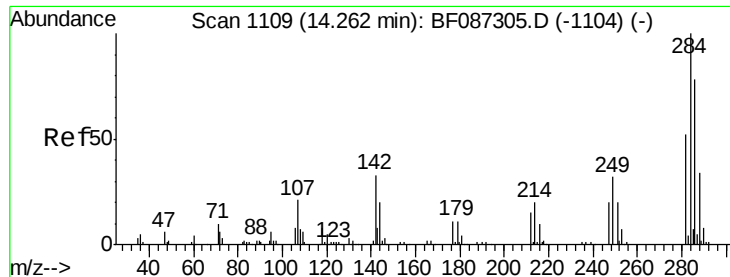


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.79 ng

RT: 14.11 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

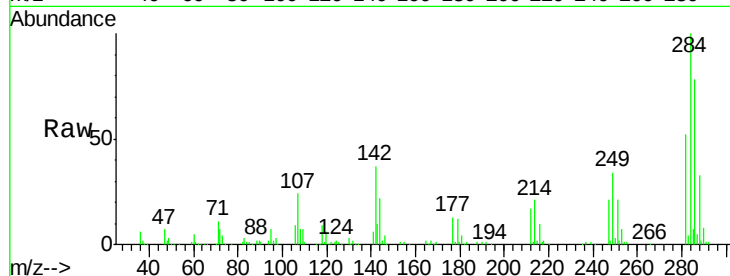
Tgt Ion:284 Resp: 213839

Ion Ratio Lower Upper

284 100

142 36.7 16.7 25.1#

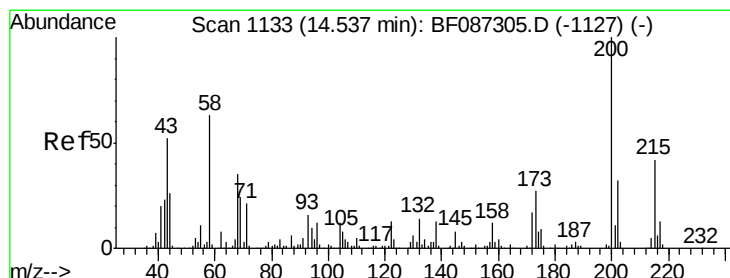
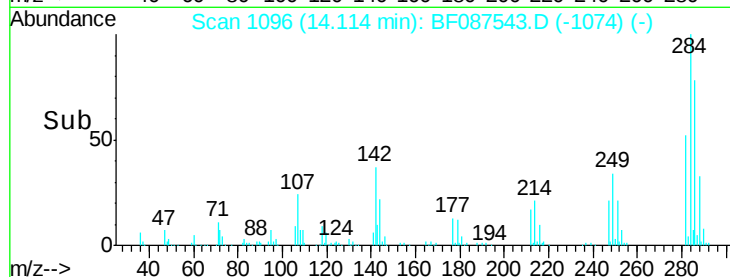
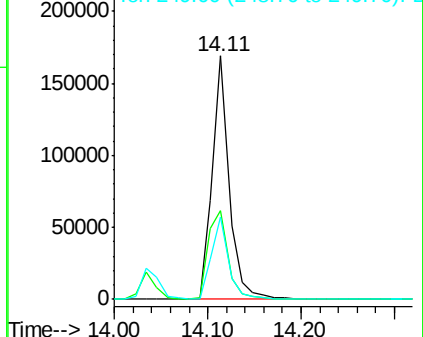
249 34.0 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.22 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.05 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

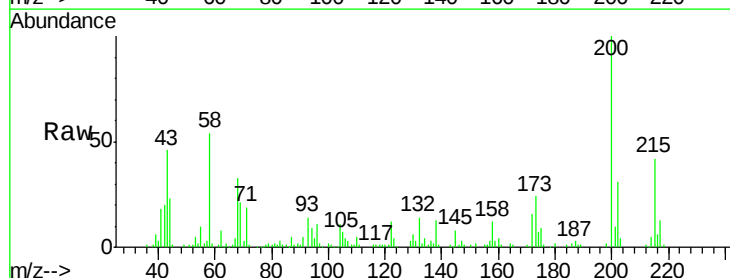
Tgt Ion:200 Resp: 130101

Ion Ratio Lower Upper

200 100

173 24.4 8.5 48.5

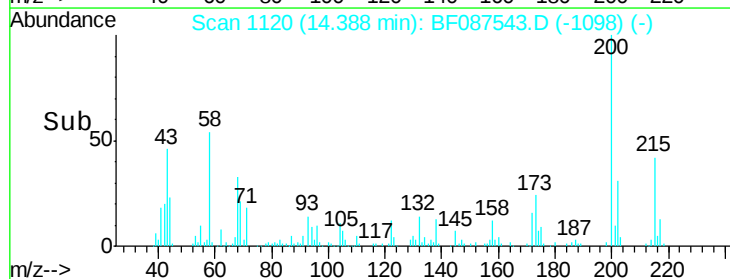
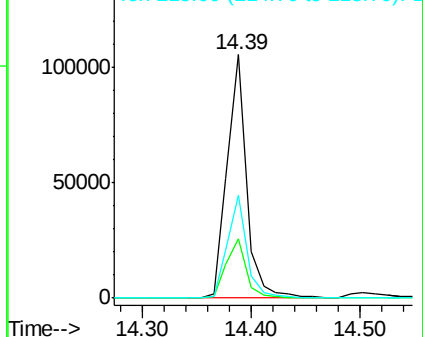
215 42.2 27.2 67.2

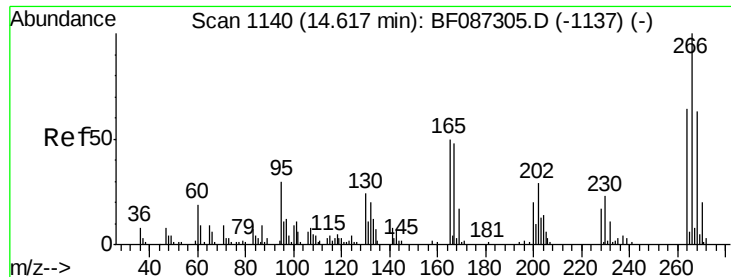


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

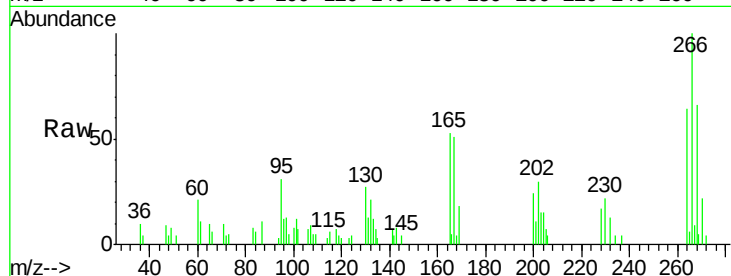




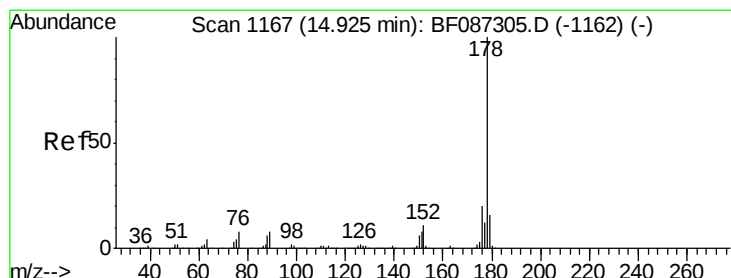
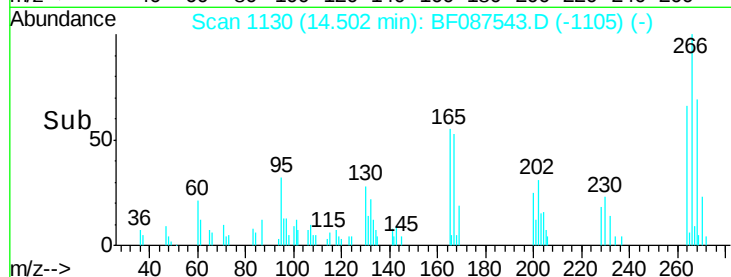
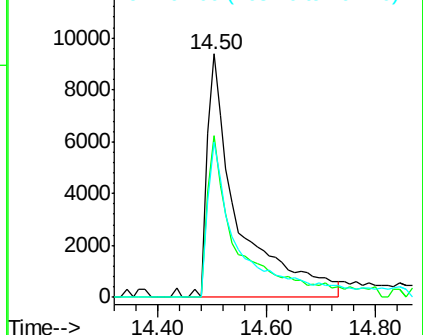
#69  
 Pentachlorophenol  
 Concen: 27.74 ng  
 RT: 14.50 min Scan# 1130  
 Delta R.T. -0.01 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 37160  
 Ion Ratio Lower Upper  
 266 100  
 268 66.4 51.5 77.3  
 264 63.6 52.9 79.3

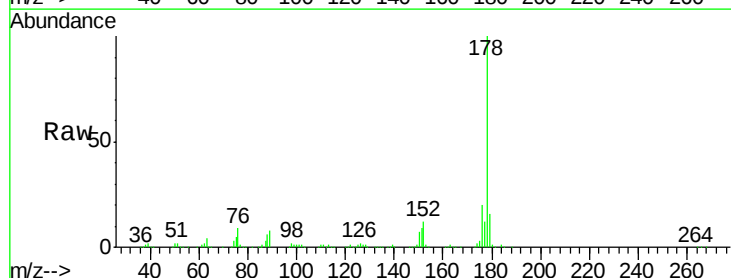


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

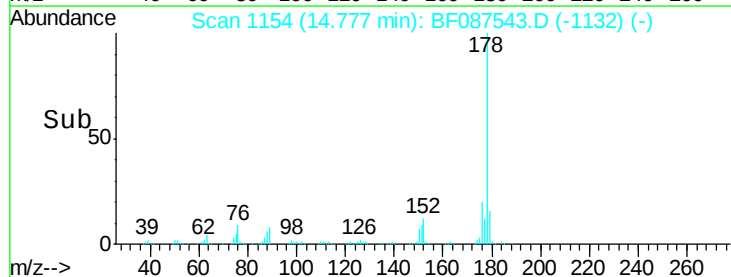
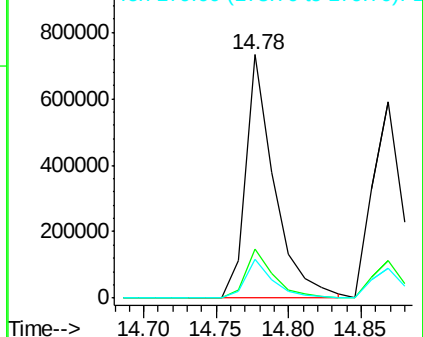


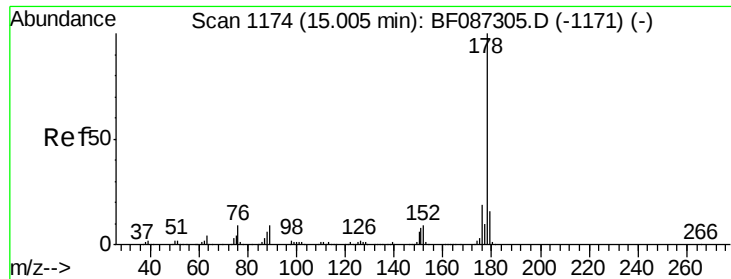
#70  
 Phenanthrene  
 Concen: 40.55 ng  
 RT: 14.78 min Scan# 1154  
 Delta R.T. -0.05 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Tgt Ion:178 Resp: 1004443  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 16.0 24.0  
 179 16.0 12.6 18.8



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

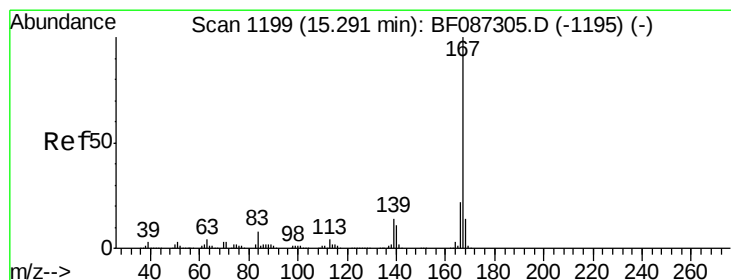
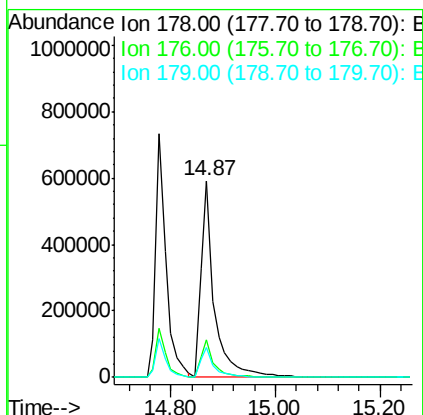
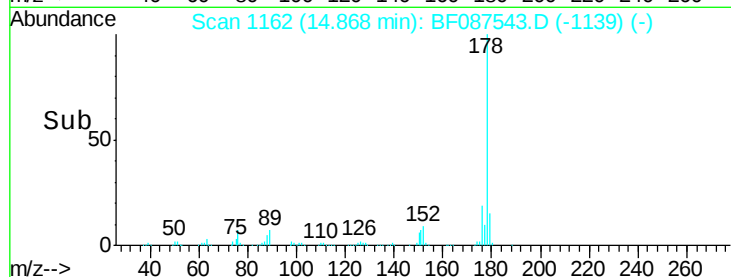
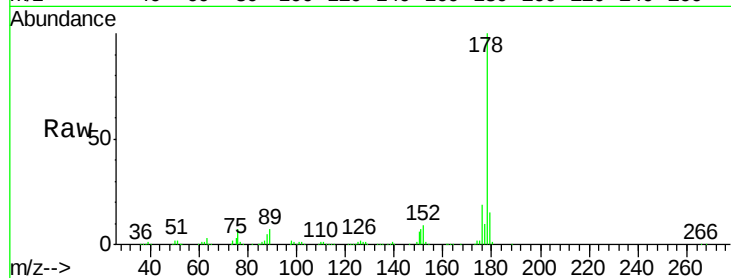




#71  
 Anthracene  
 Concen: 42.21 ng  
 RT: 14.87 min Scan# 1162  
 Delta R.T. -0.03 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 1056297  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.6 23.4  
 179 15.0 12.7 19.1



#72  
 Carbazole  
 Concen: 41.02 ng  
 RT: 15.17 min Scan# 1188  
 Delta R.T. -0.02 min  
 Lab File: BF087543.D  
 Acq: 30 May 2016 10:46

Tgt Ion:167 Resp: 875456  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.7 26.5  
 139 14.1 10.8 16.2

