

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101316\  
 Data File : BF090549.D  
 Acq On : 13 Oct 2016 18:51  
 Operator : UM/SJ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Oct 14 01:19:19 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 14 01:18:46 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 203514   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 848883   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.96  | 164  | 444655   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.46 | 188  | 784469   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.10 | 240  | 633593   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.55 | 264  | 424935   | 20.00 | ng    | -0.01    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.53  | 112 | 179945 | 14.02 | ng | 0.00  |
| 7) Phenol-d6                | 6.55  | 99  | 343179 | 20.70 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.48  | 82  | 315418 | 19.91 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.75 | 330 | 87973  | 20.48 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.29  | 172 | 612586 | 23.29 | ng | 0.00  |
| 78) Terphenyl-d14           | 13.04 | 244 | 604642 | 23.26 | ng | -0.01 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.58 | 88  | 59977  | 9.34   | ng | 96   |
| 3) Pyridine                    | 3.34 | 79  | 100571 | 5.82   | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 23228  | 4.08   | ng | # 92 |
| 6) Aniline                     | 6.60 | 93  | 179494 | 8.56   | ng | 99   |
| 8) 2-Chlorophenol              | 6.70 | 128 | 147994 | 10.55  | ng | 94   |
| 9) Benzaldehyde                | 6.47 | 77  | 65977  | 6.26   | ng | 96   |
| 10) Phenol                     | 6.57 | 94  | 196515 | 10.57  | ng | 91   |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93  | 162838 | 11.42  | ng | 90   |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146 | 142884 | 9.62   | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 158875 | 10.26  | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 7.09 | 146 | 150187 | 10.74  | ng | 98   |
| 15) Benzyl Alcohol             | 7.07 | 79  | 99484  | 7.82   | ng | 92   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45  | 217684 | 10.48  | ng | 97   |
| 17) 2-Methylphenol             | 7.18 | 107 | 108963 | 9.48   | ng | # 92 |
| 18) Hexachloroethane           | 7.43 | 117 | 62102  | 10.75  | ng | 91   |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 109697 | 10.06  | ng | 97   |
| 20) 3+4-Methylphenols          | 7.33 | 107 | 122789 | 8.57   | ng | 97   |
| 22) Acetophenone               | 7.33 | 105 | 193973 | 10.34  | ng | # 93 |
| 24) Nitrobenzene               | 7.50 | 77  | 153666 | 9.26   | ng | 90   |
| 25) Isophorone                 | 7.73 | 82  | 268996 | 9.43   | ng | 97   |
| 26) 2-Nitrophenol              | 7.82 | 139 | 69895  | 9.25   | ng | 92   |
| 27) 2,4-Dimethylphenol         | 7.86 | 122 | 110817 | 8.63   | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 164385 | 9.23   | ng | 97   |
| 29) 2,4-Dichlorophenol         | 8.06 | 162 | 106910 | 9.97   | ng | 94   |
| 30) 1,2,4-Trichlorobenzene     | 8.14 | 180 | 126881 | 10.19  | ng | 96   |
| 31) Naphthalene                | 8.22 | 128 | 460141 | 10.80  | ng | 99   |
| 32) Benzoic acid               | 7.95 | 122 | 55054  | 5.64   | ng | # 72 |
| 33) 4-Chloroaniline            | 8.29 | 127 | 167238 | 9.38   | ng | # 92 |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 72775  | 10.50  | ng | 99   |
| 35) Caprolactam                | 8.61 | 113 | 30010  | 8.64   | ng | 92   |
| 36) 4-Chloro-3-methylphenol    | 8.76 | 107 | 121220 | 9.65   | ng | 87   |
| 37) 2-Methylnaphthalene        | 8.92 | 142 | 278805 | 9.85   | ng | 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 122269 | 9.99   | ng | 97   |
| 40) Hexachlorocyclopentadiene  | 9.08 | 237 | 49633  | 8.25   | ng | 98   |

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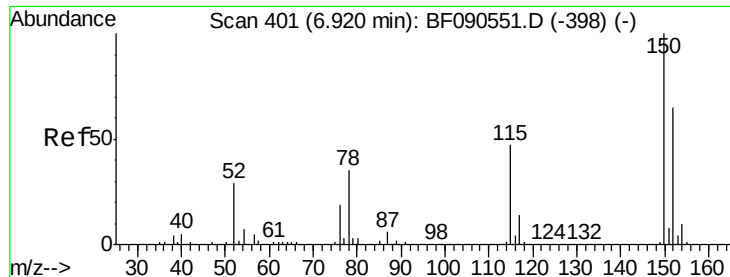
Instrument :  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.21  | 196  | 65951    | 8.01  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.24  | 196  | 82949    | 10.16 | ng    | # 89     |
| 45) 1,1'-Biphenyl              | 9.39  | 154  | 367501   | 10.93 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.41  | 162  | 274927   | 10.97 | ng    | 95       |
| 47) 2-Nitroaniline             | 9.51  | 65   | 84267    | 9.31  | ng    | 92       |
| 48) Acenaphthylene             | 9.82  | 152  | 437057   | 10.73 | ng    | 98       |
| 49) Dimethylphthalate          | 9.67  | 163  | 308197   | 10.43 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.74  | 165  | 68400    | 10.33 | ng    | # 85     |
| 51) Acenaphthene               | 9.99  | 154  | 289412   | 10.65 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.93  | 138  | 80178    | 9.79  | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 10.03 | 184  | 20749    | 5.98  | ng    | # 1      |
| 54) Dibenzofuran               | 10.17 | 168  | 374457   | 10.33 | ng    | 96       |
| 55) 4-Nitrophenol              | 10.10 | 139  | 35986    | 5.98  | ng    | # 83     |
| 56) 2,4-Dinitrotoluene         | 10.14 | 165  | 89576    | 10.18 | ng    | # 89     |
| 57) Fluorene                   | 10.51 | 166  | 317113   | 10.75 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.29 | 232  | 72539    | 10.53 | ng    | # 94     |
| 59) Diethylphthalate           | 10.38 | 149  | 322626   | 10.65 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.51 | 204  | 147997   | 10.93 | ng    | 94       |
| 61) 4-Nitroaniline             | 10.54 | 138  | 80663    | 9.85  | ng    | 85       |
| 62) Azobenzene                 | 10.67 | 77   | 314553   | 9.49  | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.55 | 198  | 36077    | 6.90  | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 262137   | 10.24 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.00 | 248  | 85601    | 9.94  | ng    | 98       |
| 67) Hexachlorobenzene          | 11.06 | 284  | 95852    | 10.12 | ng    | # 82     |
| 68) Atrazine                   | 11.15 | 200  | 73564    | 9.39  | ng    | 94       |
| 69) Pentachlorophenol          | 11.25 | 266  | 37075    | 6.64  | ng    | 93       |
| 70) Phenanthrene               | 11.48 | 178  | 426758   | 9.99  | ng    | 98       |
| 71) Anthracene                 | 11.53 | 178  | 482108   | 10.92 | ng    | 99       |
| 72) Carbazole                  | 11.69 | 167  | 423434   | 10.35 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.01 | 149  | 488129   | 9.90  | ng    | # 98     |
| 74) Fluoranthene               | 12.66 | 202  | 426145   | 9.77  | ng    | 89       |
| 76) Benzidine                  | 12.80 | 184  | 163802   | 8.28  | ng    | 98       |
| 77) Pyrene                     | 12.89 | 202  | 438675   | 10.94 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.52 | 149  | 183638   | 9.81  | ng    | 97       |
| 80) Benzo(a)anthracene         | 14.09 | 228  | 373671   | 9.82  | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.05 | 252  | 132984   | 9.95  | ng    | 100      |
| 82) Chrysene                   | 14.12 | 228  | 382386   | 10.92 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 257260   | 9.52  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.68 | 149  | 337852   | 8.30  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.00 | 276  | 191716   | 6.83  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.13 | 252  | 577878   | 20.52 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.13 | 252  | 579226   | 22.68 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 254594   | 10.34 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.02 | 278  | 165484   | 8.01  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.44 | 276  | 162190   | 8.42  | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. 0.00 min

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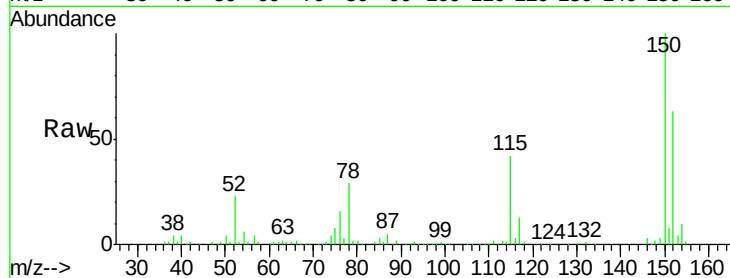
Tgt Ion:152 Resp: 203514

Ion Ratio Lower Upper

152 100

150 158.7 127.2 190.8

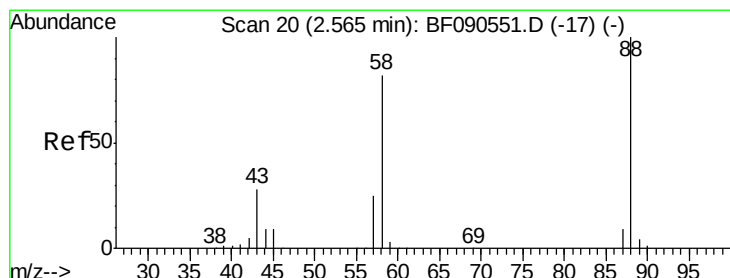
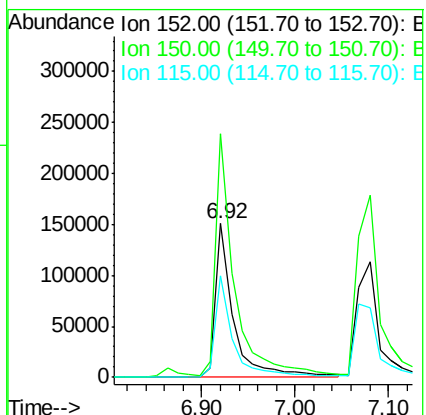
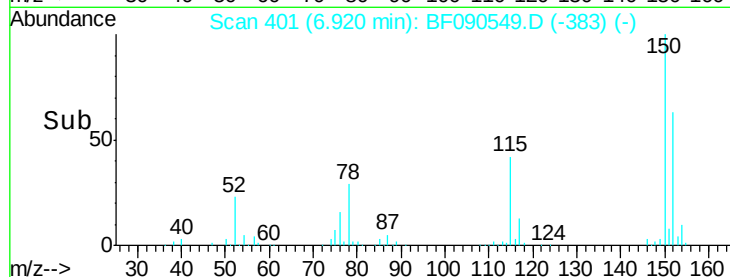
115 65.9 58.6 88.0



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: 9.34 ng

RT: 2.58 min Scan# 21

Delta R.T. 0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

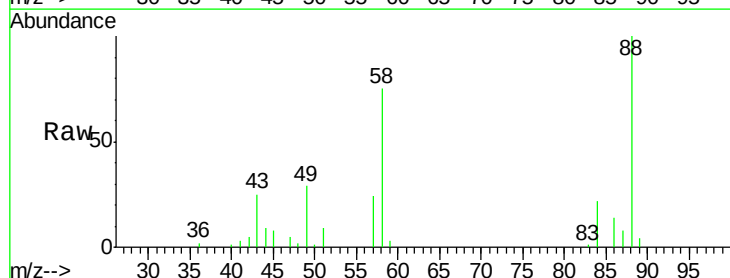
Tgt Ion: 88 Resp: 59977

Ion Ratio Lower Upper

88 100

58 79.6 67.2 100.8

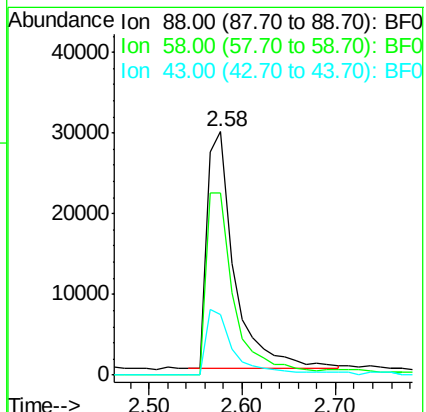
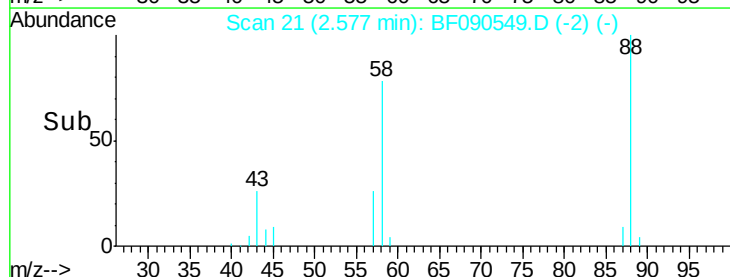
43 29.4 24.1 36.1

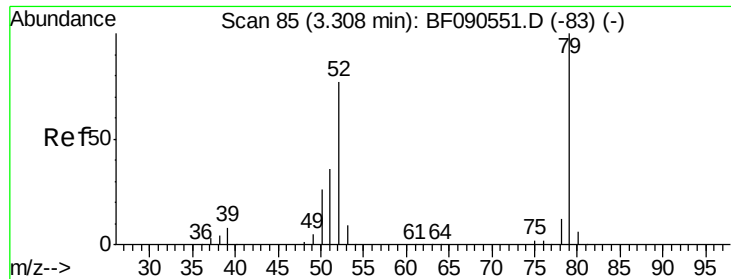


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 5.82 ng

RT: 3.34 min Scan# 88

Delta R.T. 0.03 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

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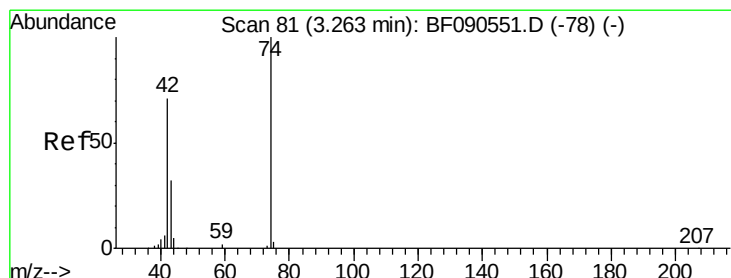
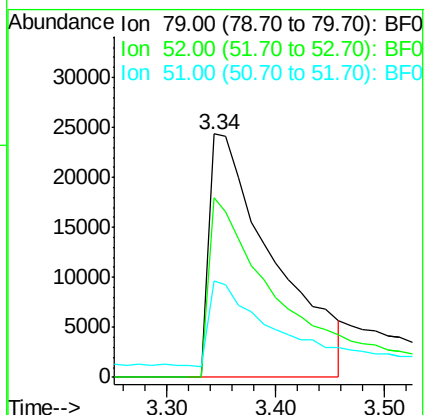
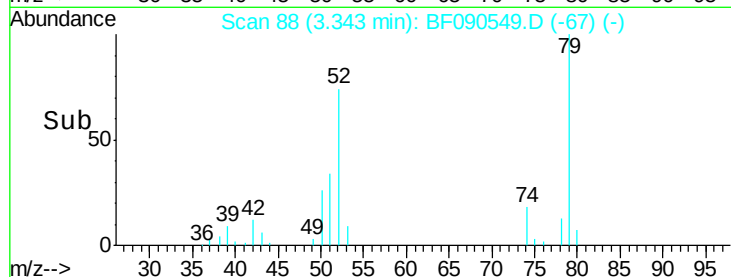
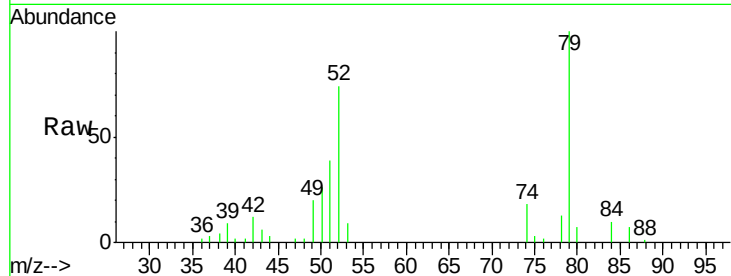
Tgt Ion: 79 Resp: 100571

Ion Ratio Lower Upper

79 100

52 73.6 61.8 92.8

51 39.5 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 4.08 ng

RT: 3.30 min Scan# 84

Delta R.T. 0.03 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

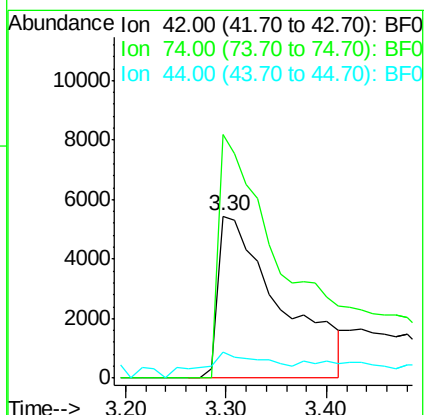
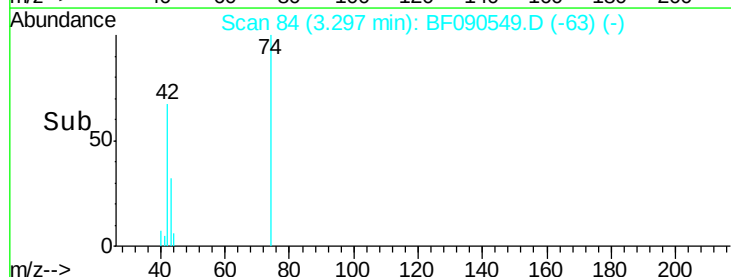
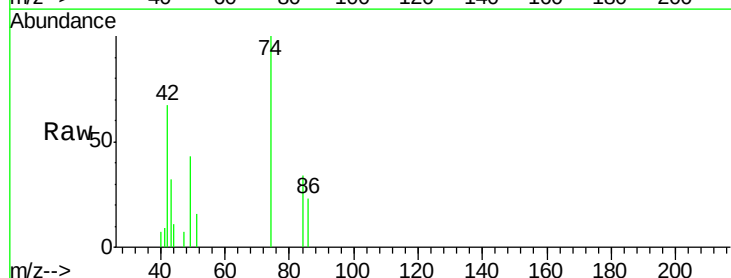
Tgt Ion: 42 Resp: 23228

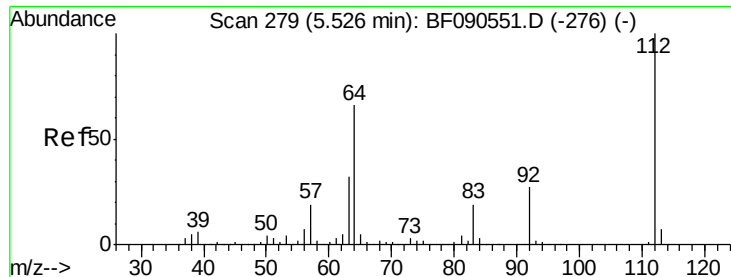
Ion Ratio Lower Upper

42 100

74 150.3 113.3 169.9

44 16.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 14.02 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

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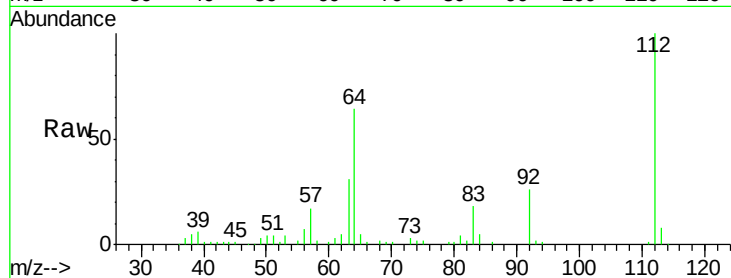
Tgt Ion: 112 Resp: 179945

Ion Ratio Lower Upper

112 100

64 63.5 52.6 78.8

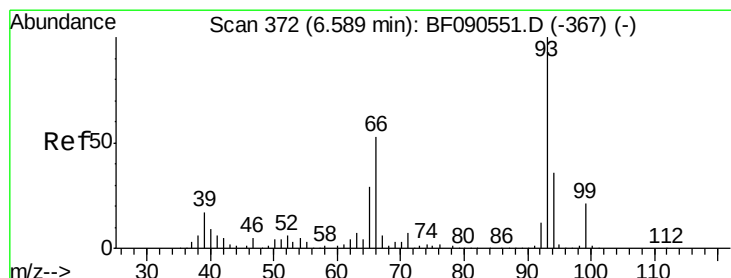
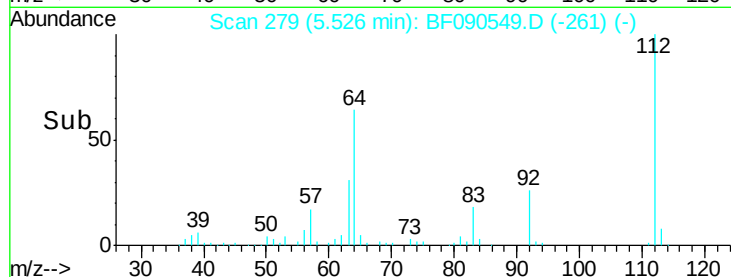
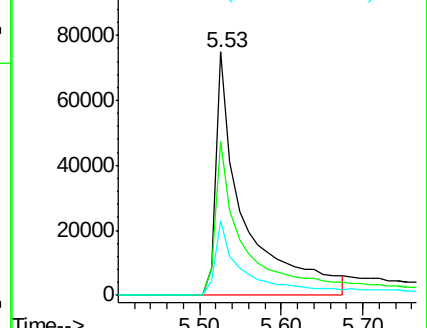
63 30.7 26.0 39.0



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: 8.56 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

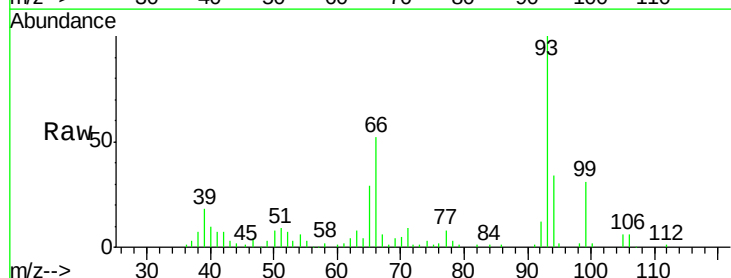
Tgt Ion: 93 Resp: 179494

Ion Ratio Lower Upper

93 100

66 52.3 42.2 63.2

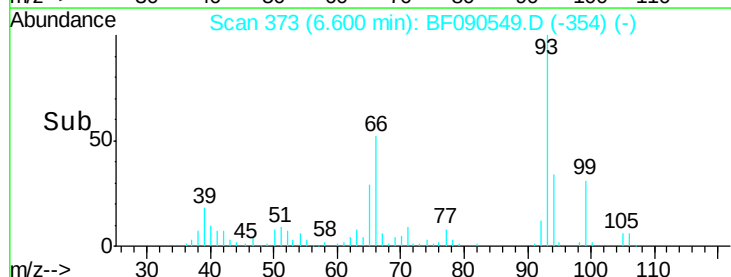
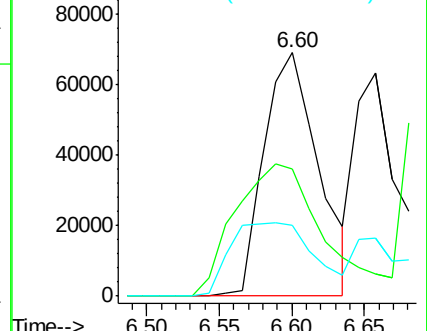
65 28.9 22.9 34.3

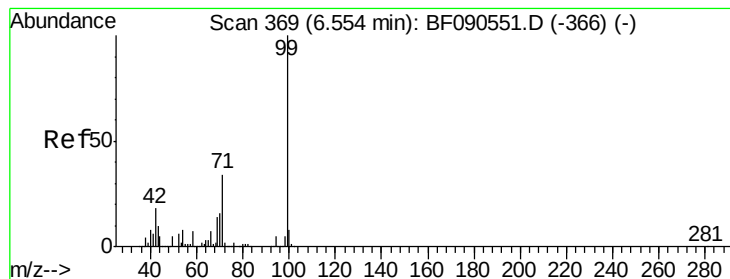


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 20.70 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

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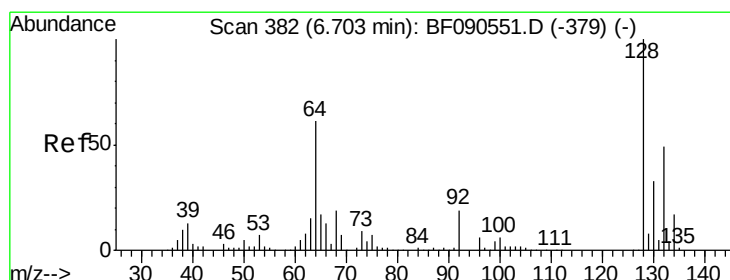
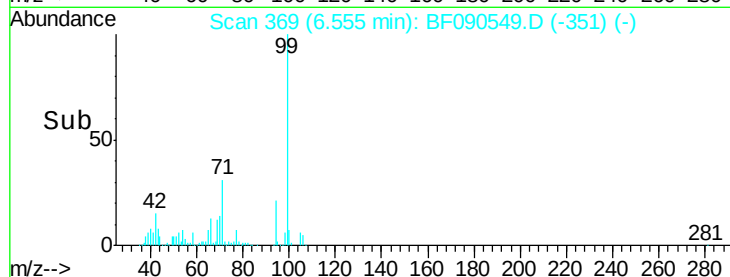
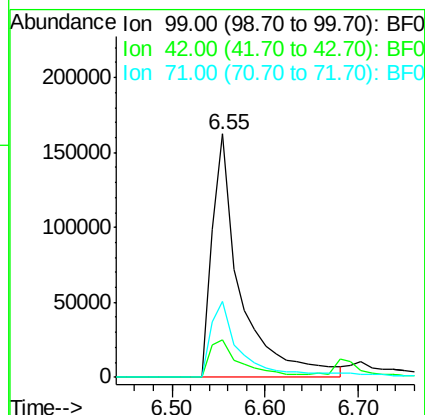
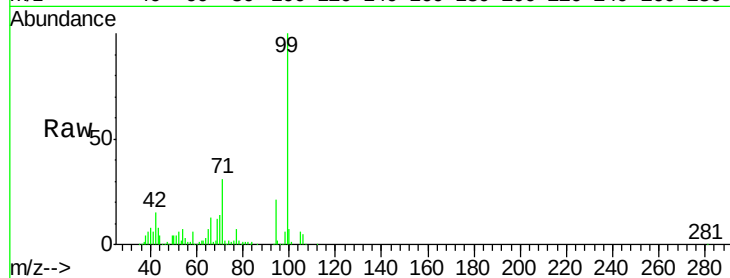
Tgt Ion: 99 Resp: 343179

Ion Ratio Lower Upper

99 100

42 15.3 14.7 22.1

71 31.0 27.6 41.4



#8

2-Chlorophenol

Concen: 10.55 ng

RT: 6.70 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

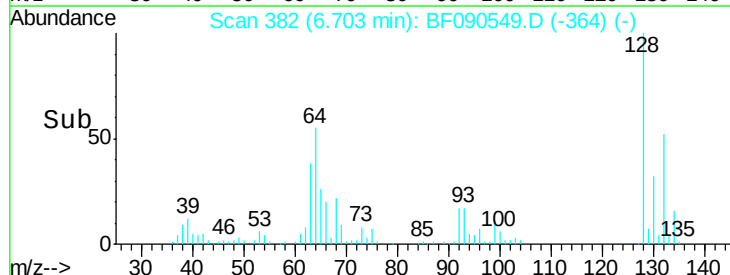
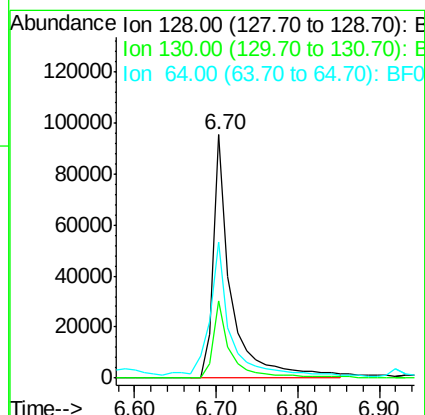
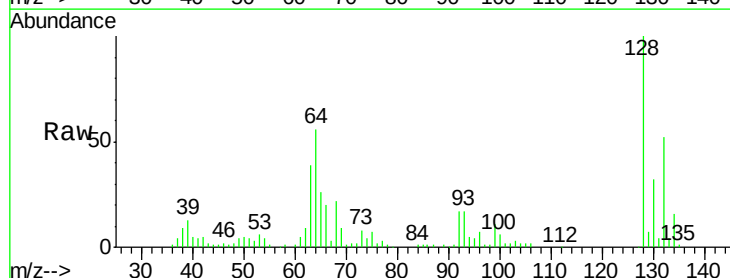
Tgt Ion: 128 Resp: 147994

Ion Ratio Lower Upper

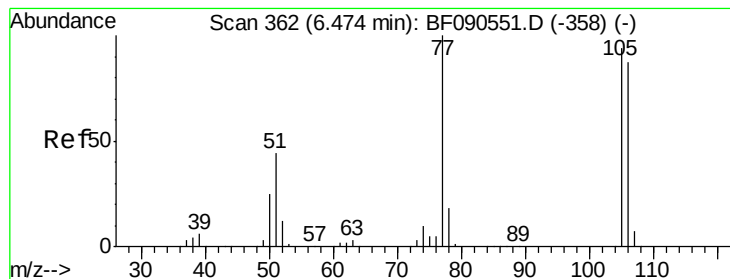
128 100

130 31.8 12.6 52.6

64 55.7 42.6 82.6







#9

Benzaldehyde

Concen: 6.26 ng

RT: 6.47 min Scan# 362

Delta R.T. 0.00 min

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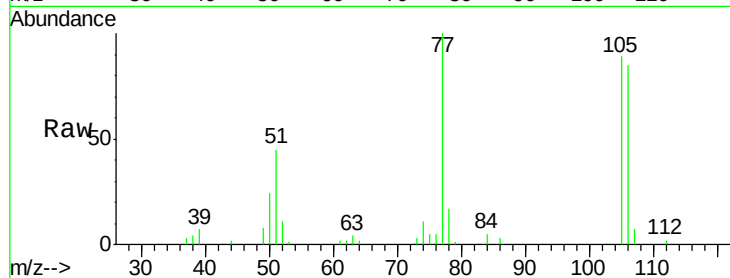
Tgt Ion: 77 Resp: 65977

Ion Ratio Lower Upper

77 100

105 88.7 74.3 114.3

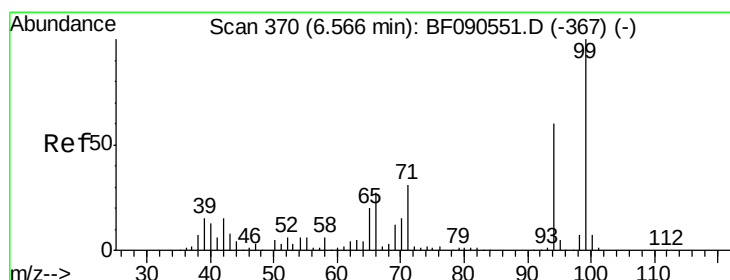
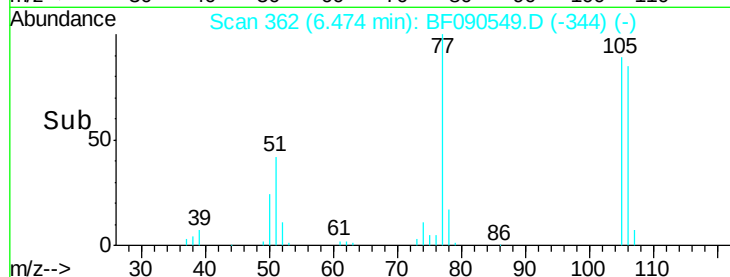
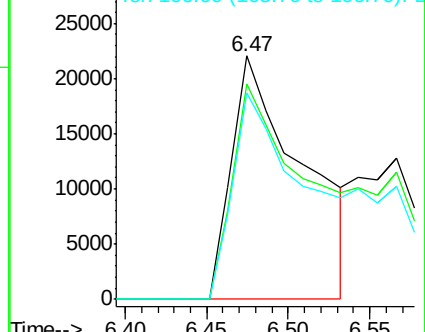
106 85.0 67.2 107.2



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: 10.57 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

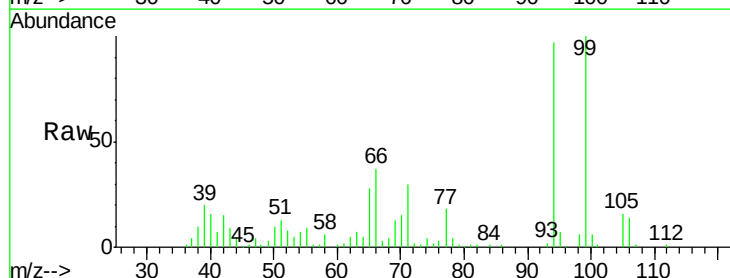
Tgt Ion: 94 Resp: 196515

Ion Ratio Lower Upper

94 100

65 28.6 12.5 52.5

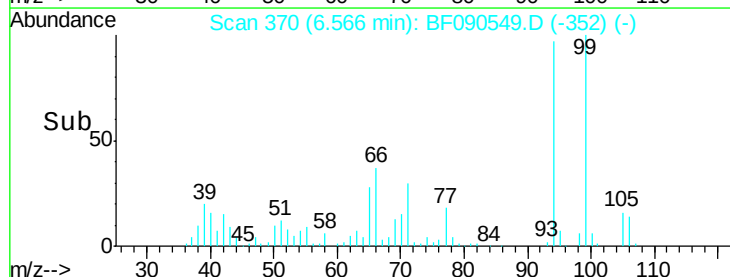
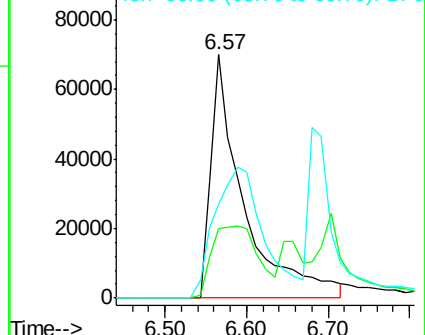
66 38.6 25.5 65.5



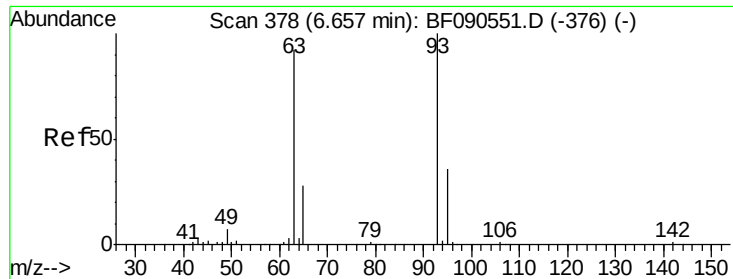
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



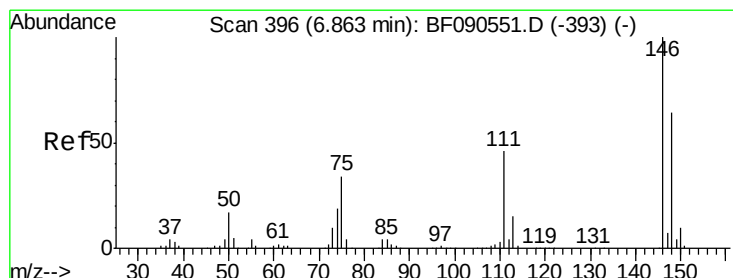
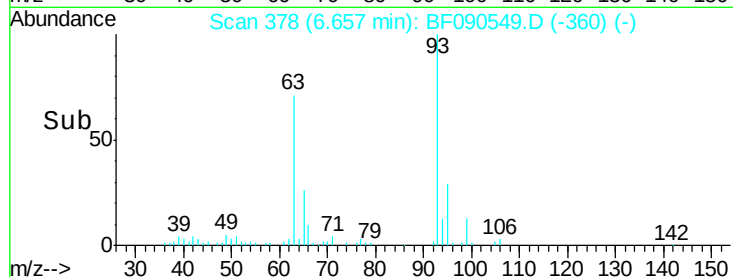
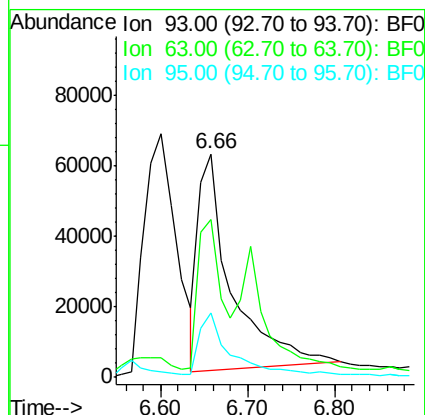
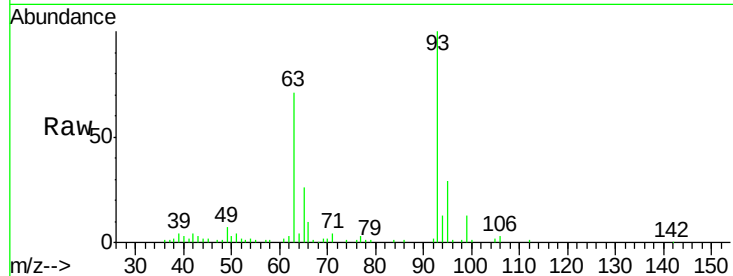




#11  
bis(2-Chloroethyl)ether  
Concen: 11.42 ng  
RT: 6.66 min Scan# 378  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

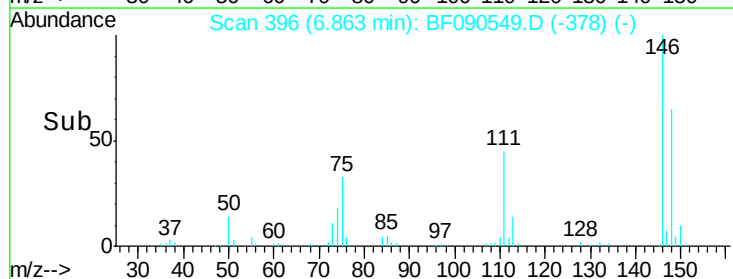
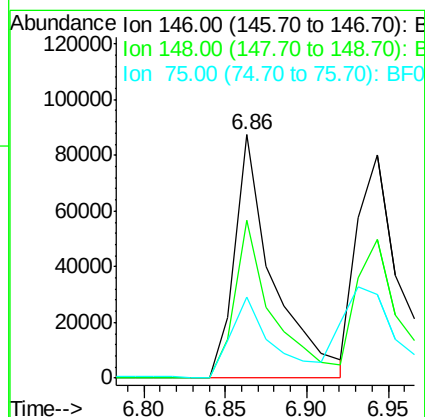
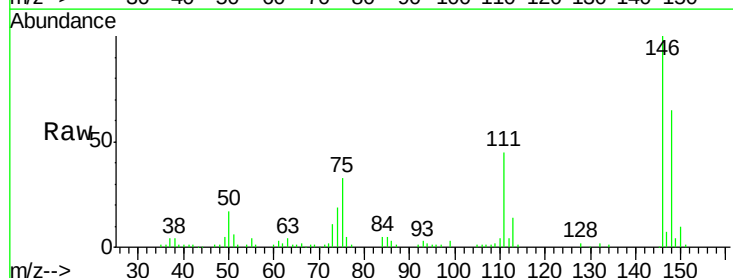
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

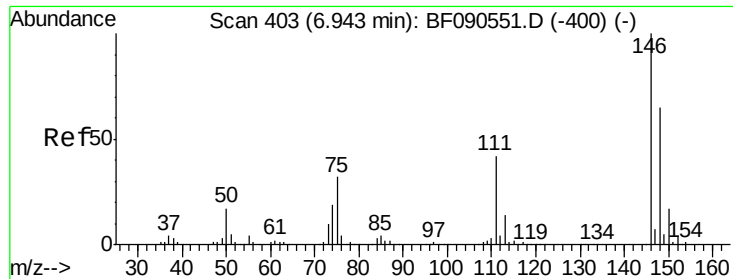
Tgt Ion: 93 Resp: 162838  
Ion Ratio Lower Upper  
93 100  
63 70.7 61.6 101.6  
95 28.7 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 9.62 ng  
RT: 6.86 min Scan# 396  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion: 146 Resp: 142884  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.4 77.2  
75 33.3 27.0 40.6

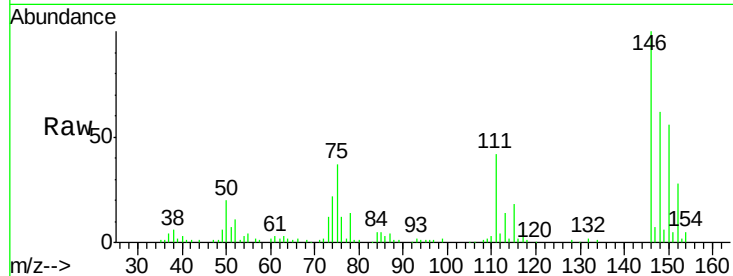




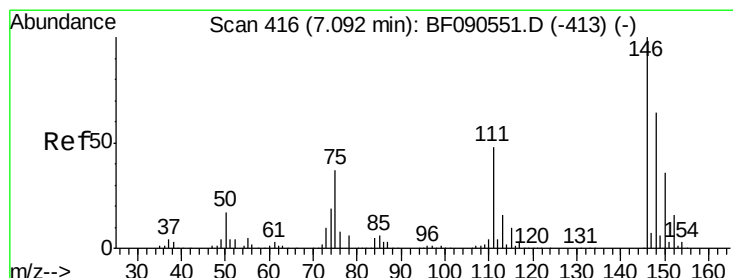
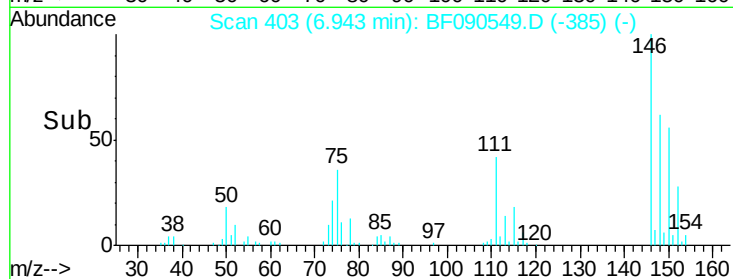
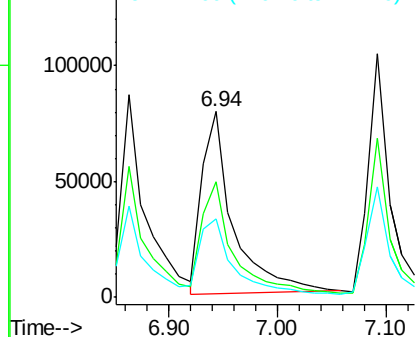
#13  
 1,4-Dichlorobenzene  
 Concen: 10.26 ng  
 RT: 6.94 min Scan# 403  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:146 Resp: 158875  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 51.9 77.9  
 111 42.4 33.7 50.5

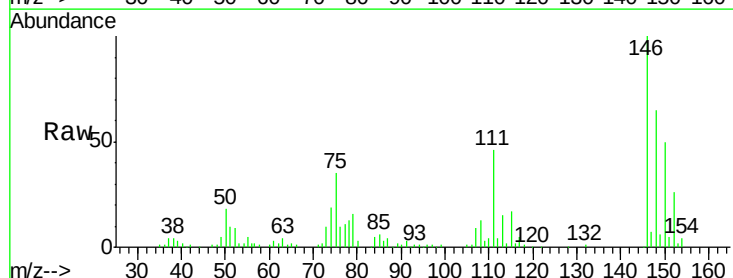


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

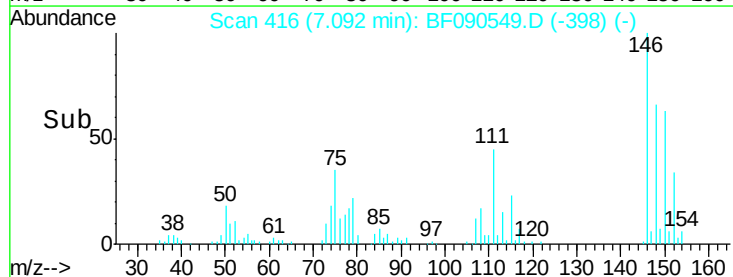
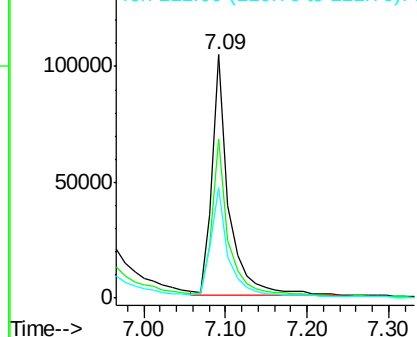


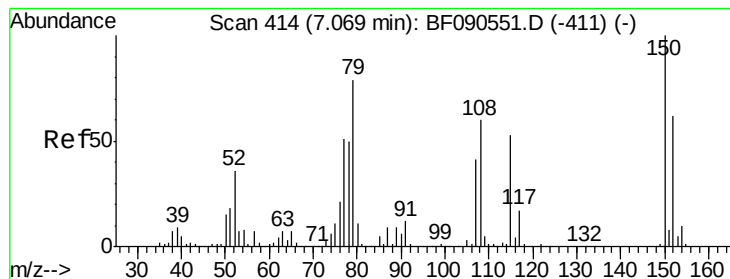
#14  
 1,2-Dichlorobenzene  
 Concen: 10.74 ng  
 RT: 7.09 min Scan# 416  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:146 Resp: 150187  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 51.2 76.8  
 111 45.5 38.2 57.2



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: 7.82 ng

RT: 7.07 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

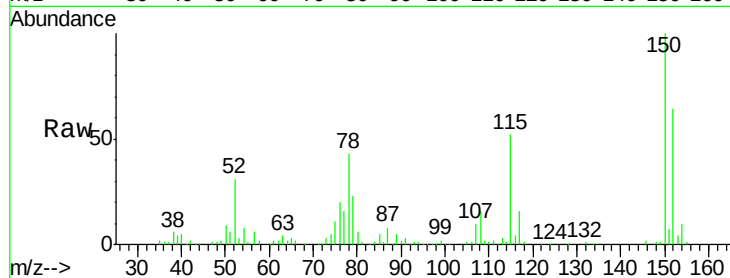
Tgt Ion: 79 Resp: 99484

Ion Ratio Lower Upper

79 100

108 67.0 60.2 90.4

77 69.1 52.0 78.0

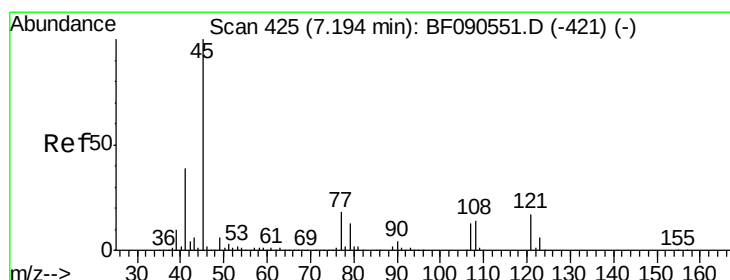
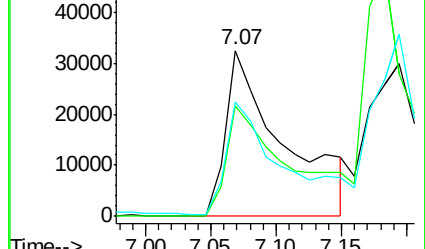
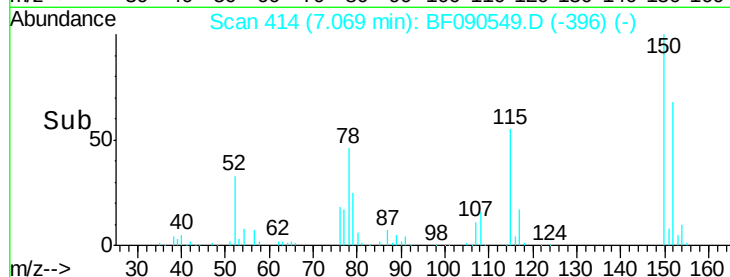


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.48 ng

RT: 7.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

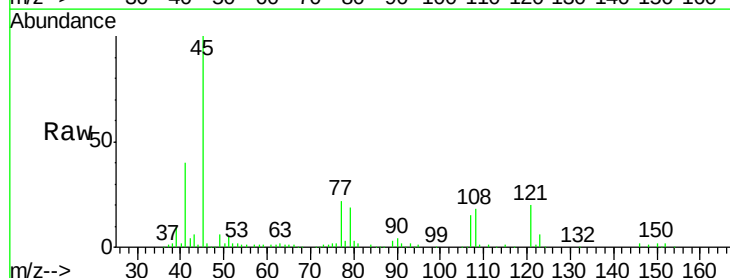
Tgt Ion: 45 Resp: 217684

Ion Ratio Lower Upper

45 100

77 22.5 0.9 40.9

79 18.9 0.0 37.3

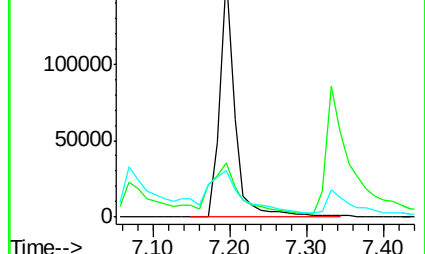
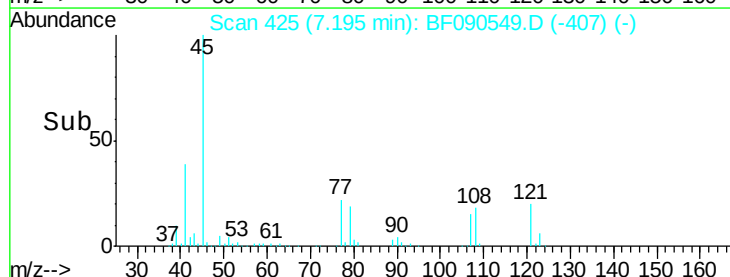


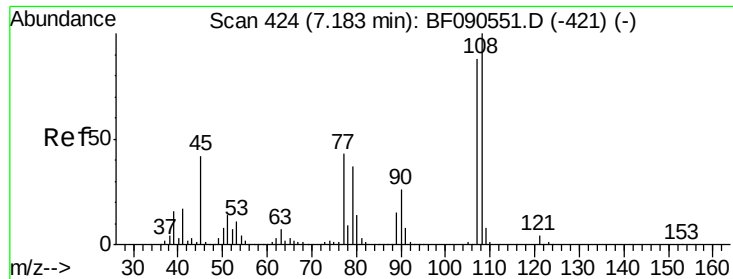
Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

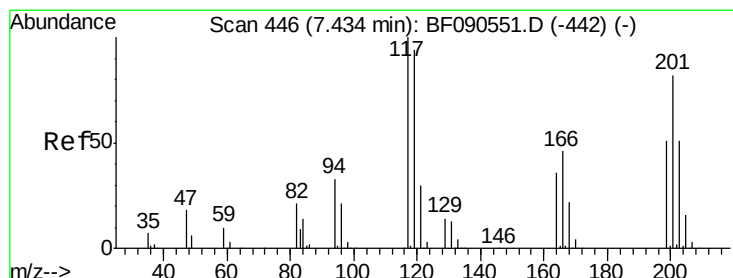
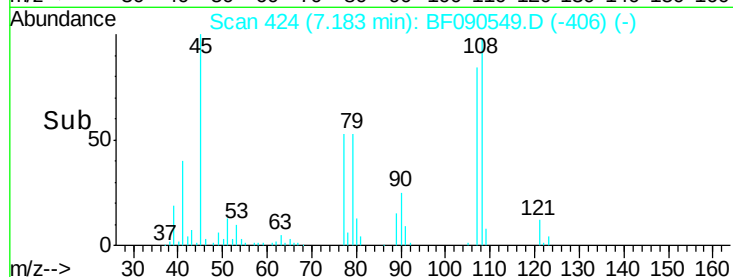
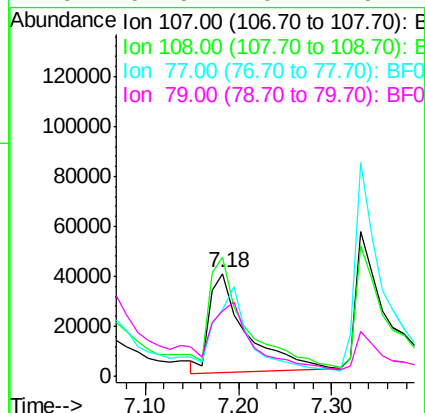
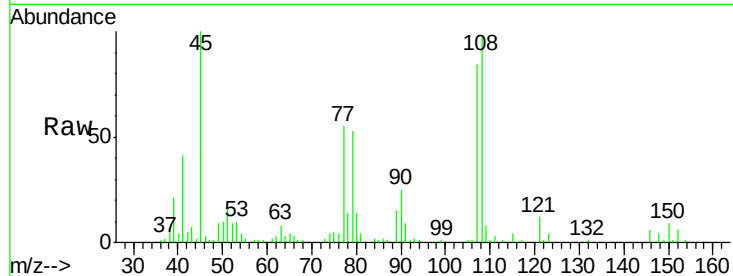




#17  
2-Methylphenol  
Concen: 9.48 ng  
RT: 7.18 min Scan# 424  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

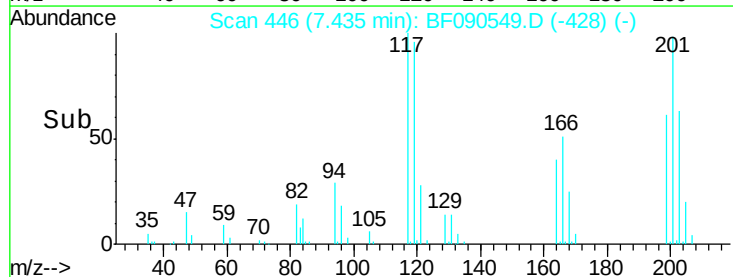
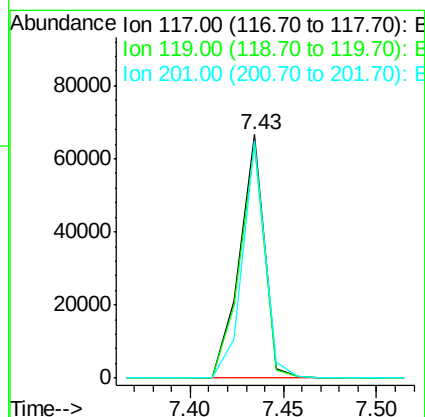
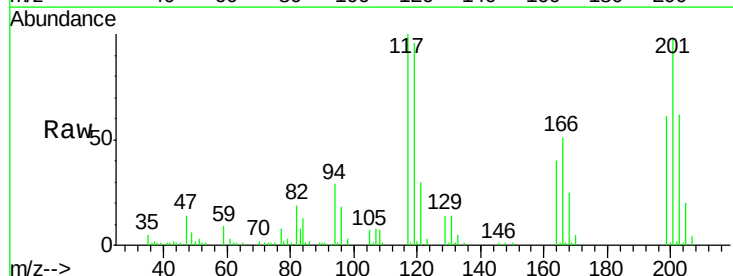
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

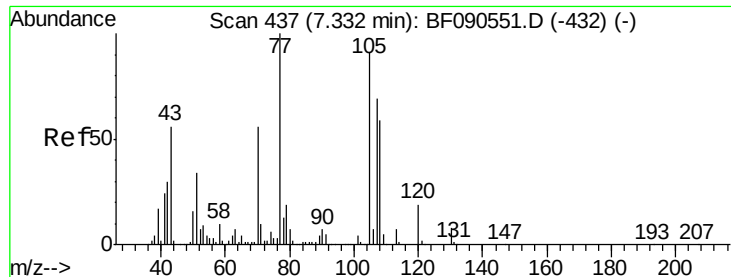
Tgt Ion:107 Resp: 108963  
Ion Ratio Lower Upper  
107 100  
108 115.6 92.6 138.8  
77 65.0 42.2 63.2#  
79 62.9 40.7 61.1#



#18  
Hexachloroethane  
Concen: 10.75 ng  
RT: 7.43 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion:117 Resp: 62102  
Ion Ratio Lower Upper  
117 100  
119 95.9 75.6 113.4  
201 97.6 65.4 98.0

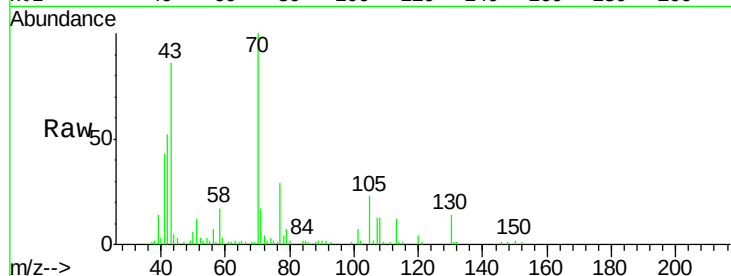




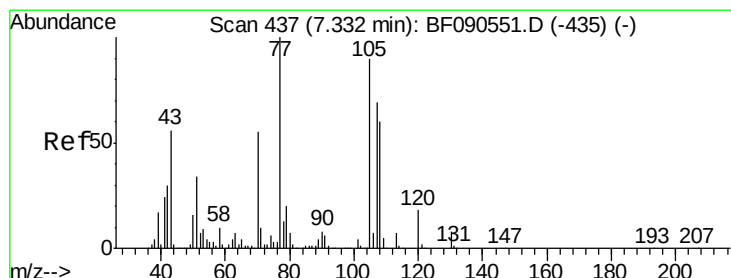
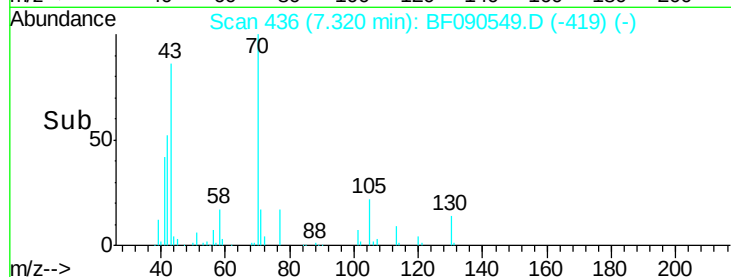
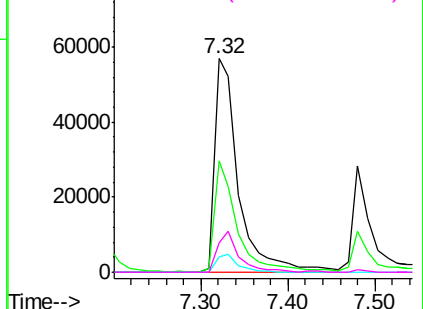
#19  
n-Nitroso-di-n-propylamine  
Concen: 10.06 ng  
RT: 7.32 min Scan# 436  
Delta R.T. -0.01 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion: 70 Resp: 109697  
Ion Ratio Lower Upper  
70 100  
42 52.0 43.4 65.0  
101 7.4 6.4 9.6  
130 13.7 12.1 18.1



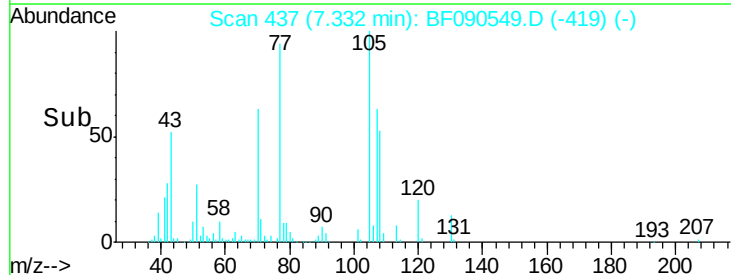
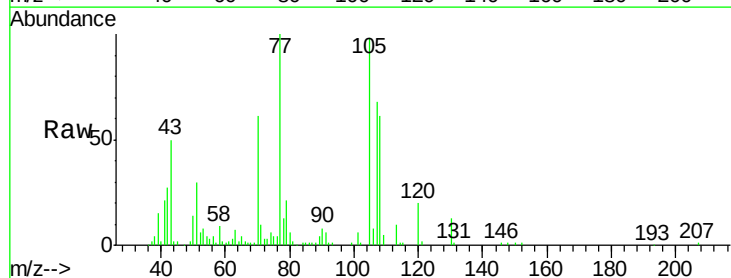
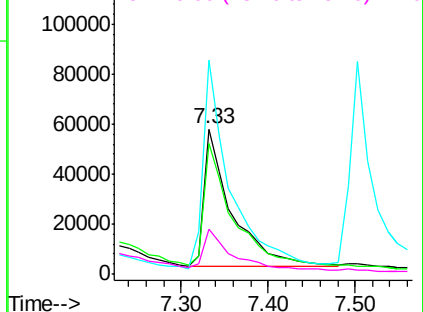
Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

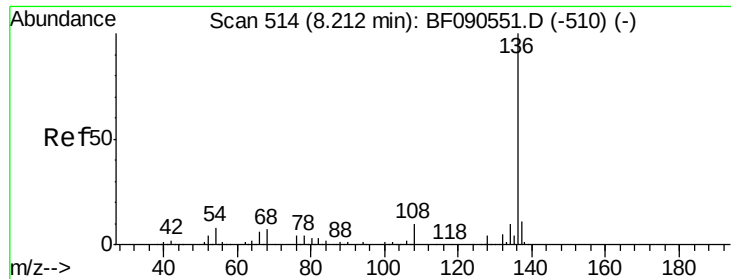


#20  
3+4-Methylphenols  
Concen: 8.57 ng  
RT: 7.33 min Scan# 437  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion: 107 Resp: 122789  
Ion Ratio Lower Upper  
107 100  
108 90.5 67.7 107.7  
77 147.4 123.1 163.1  
79 30.6 9.6 49.6

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 848883

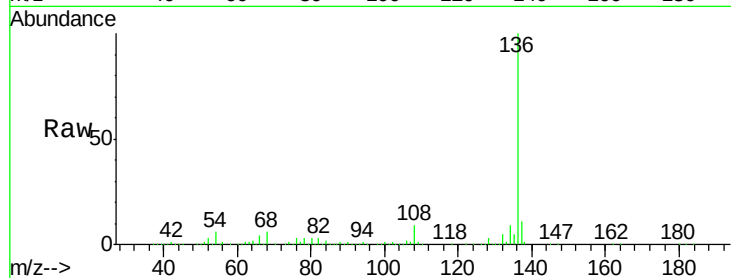
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 6.8 10.2#

68 5.9 6.0 9.0#

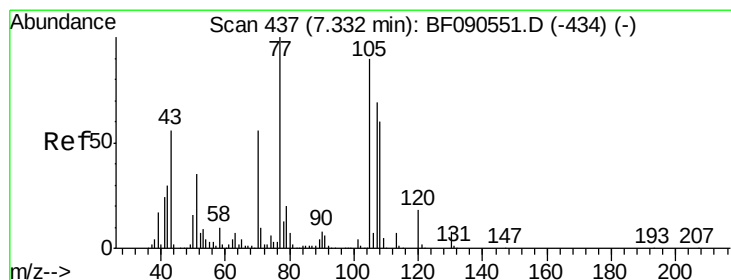
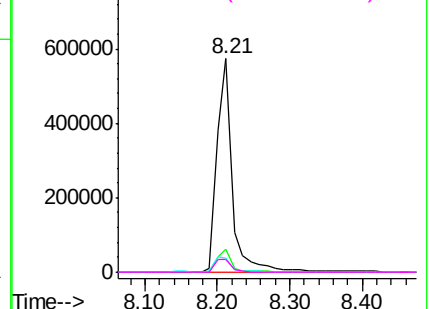
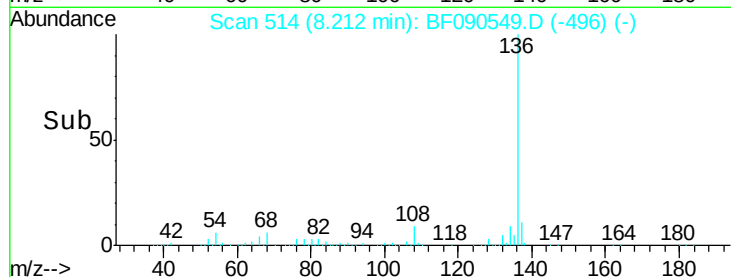


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.34 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Tgt Ion:105 Resp: 193973

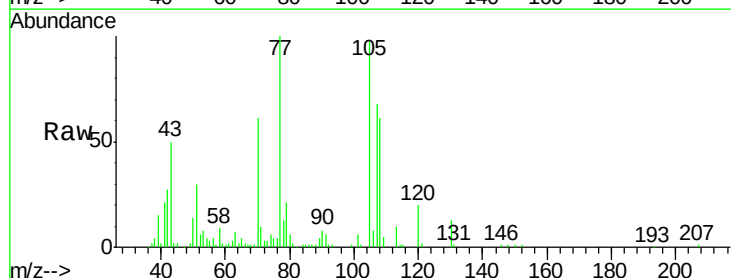
Ion Ratio Lower Upper

105 100

71 10.7 8.5 12.7

51 30.9 31.0 46.4#

120 20.2 16.2 24.4

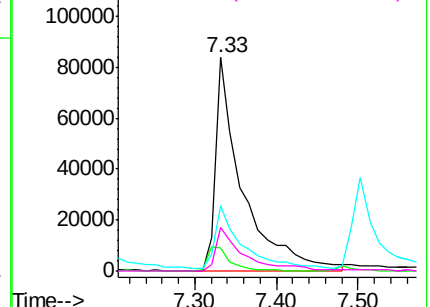
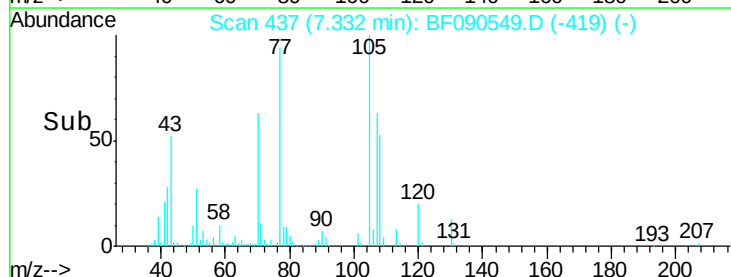


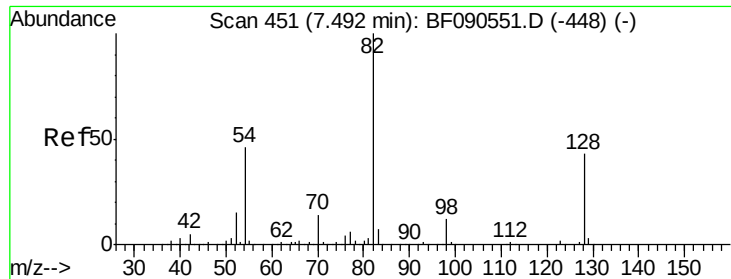
Abundance Ion 105.00 (104.70 to 105.70): E

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

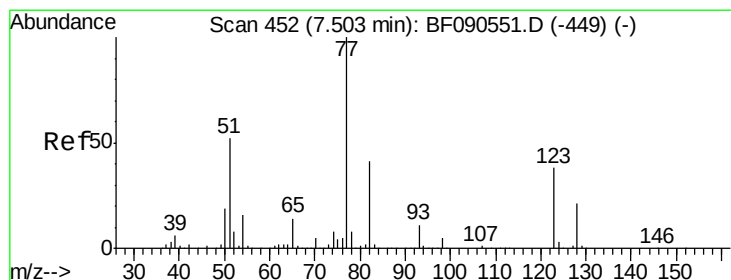
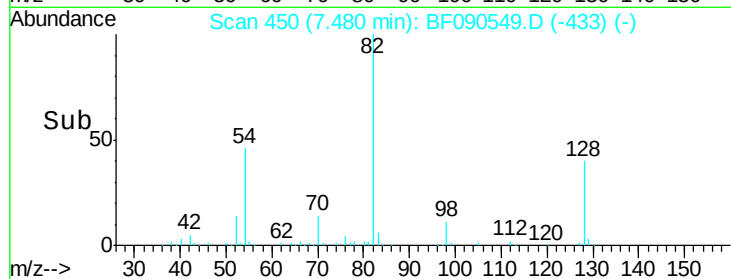
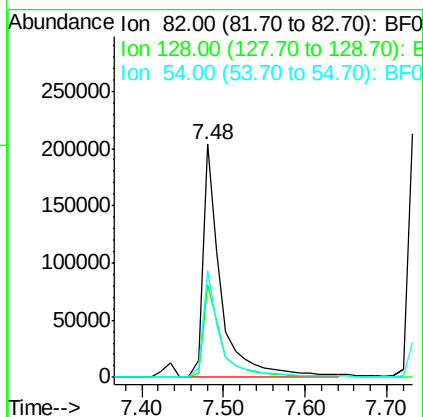
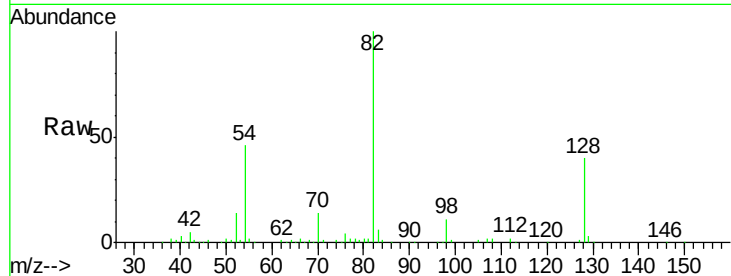




#23  
 Nitrobenzene-d5  
 Concen: 19.91 ng  
 RT: 7.48 min Scan# 450  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

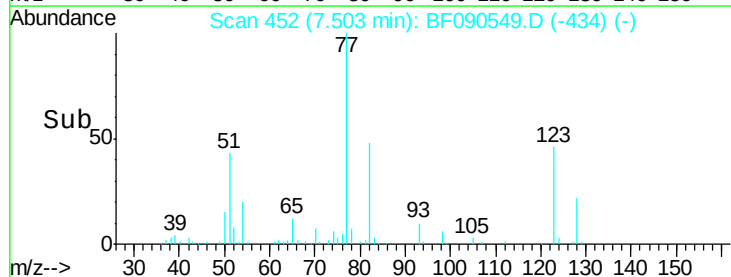
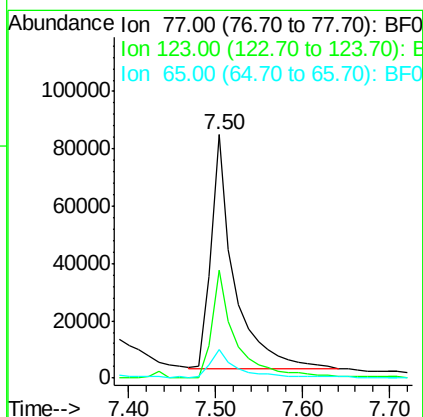
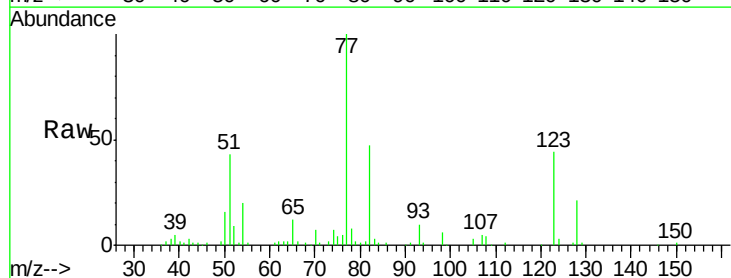
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion: 82 Resp: 315418  
 Ion Ratio Lower Upper  
 82 100  
 128 39.8 34.3 51.5  
 54 45.7 37.0 55.6

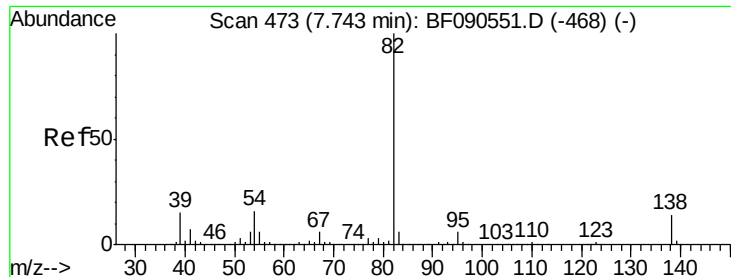


#24  
 Nitrobenzene  
 Concen: 9.26 ng  
 RT: 7.50 min Scan# 452  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion: 77 Resp: 153666  
 Ion Ratio Lower Upper  
 77 100  
 123 44.4 29.8 44.6  
 65 12.0 10.9 16.3







#25

Isophorone

Concen: 9.43 ng

RT: 7.73 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampled :

SSTDIC010

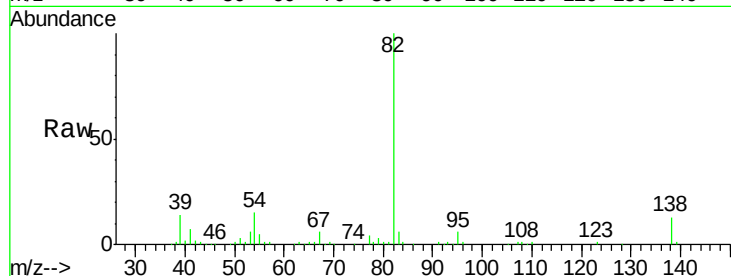
Tgt Ion: 82 Resp: 268996

Ion Ratio Lower Upper

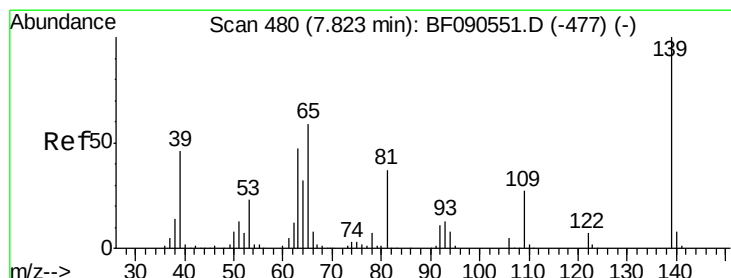
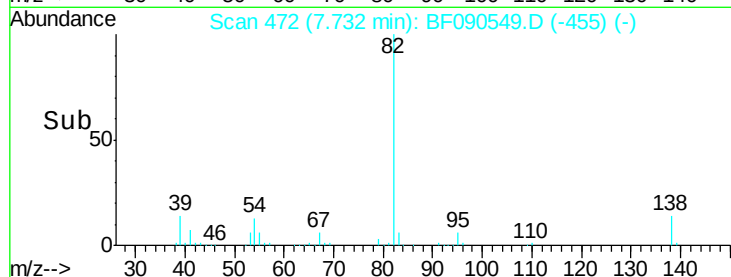
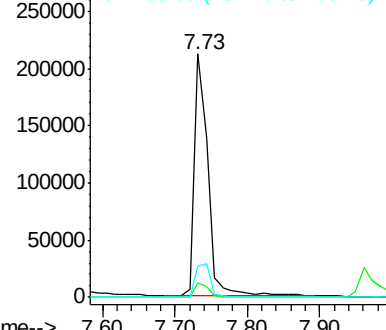
82 100

95 5.9 5.0 7.6

138 12.8 11.5 17.3



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: 9.25 ng

RT: 7.82 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

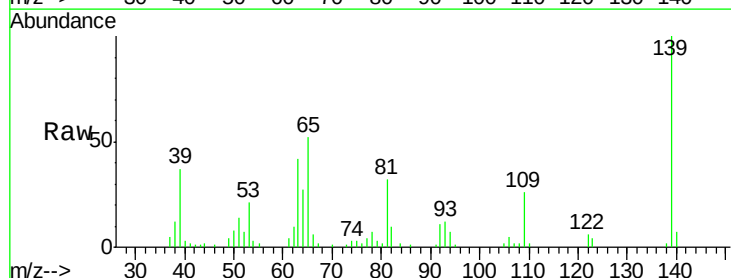
Tgt Ion: 139 Resp: 69895

Ion Ratio Lower Upper

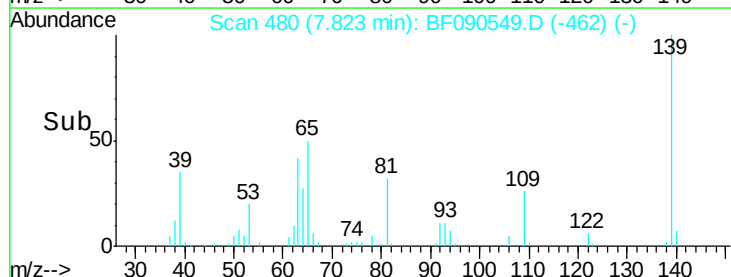
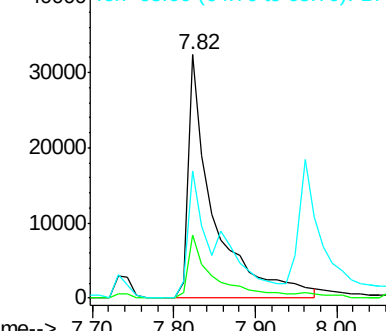
139 100

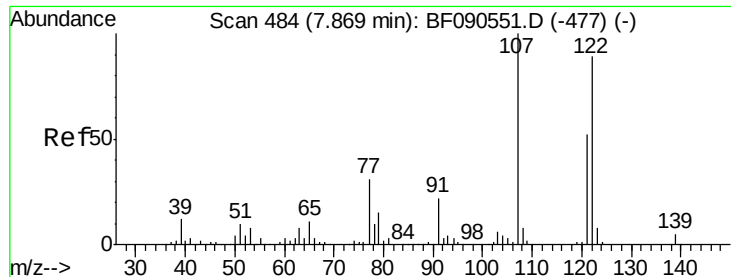
109 26.1 21.8 32.6

65 52.0 47.7 71.5



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

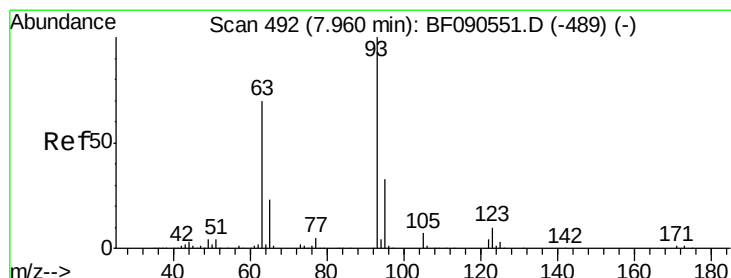
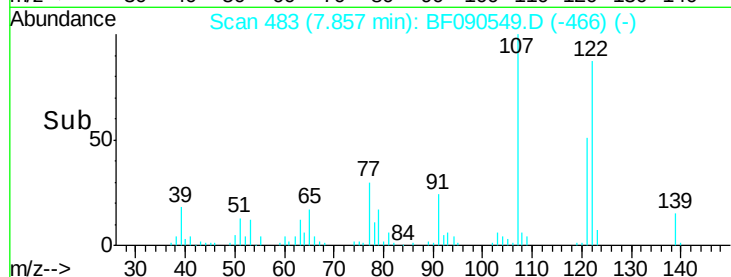
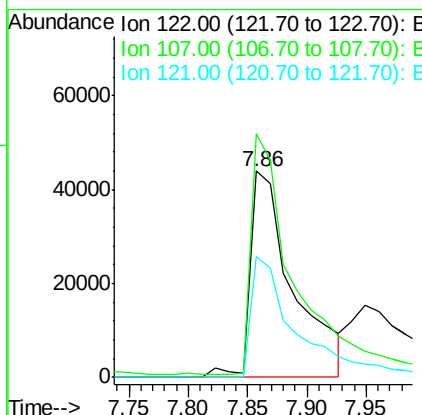
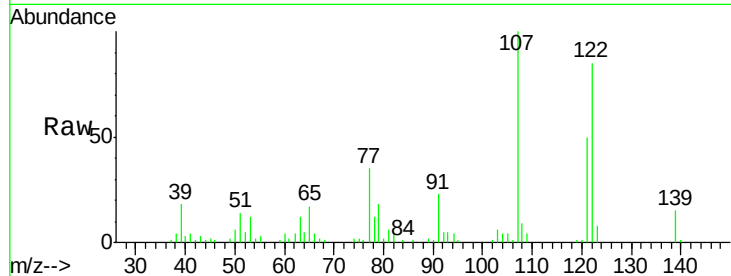




#27  
 2,4-Dimethylphenol  
 Concen: 8.63 ng  
 RT: 7.86 min Scan# 483  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

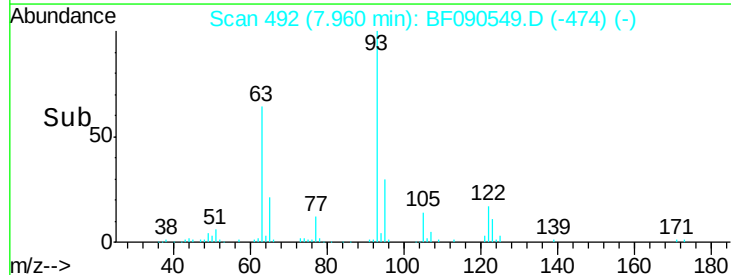
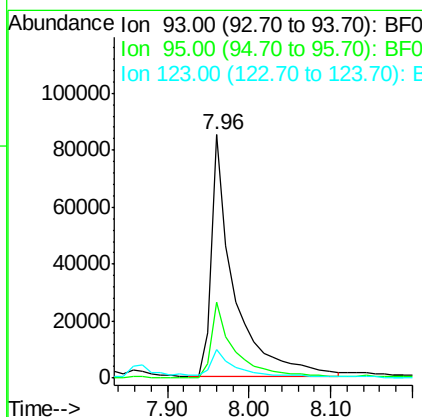
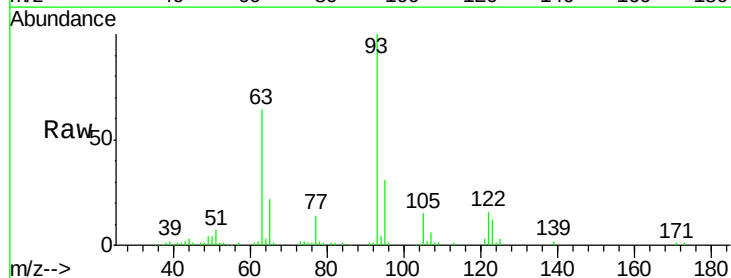
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

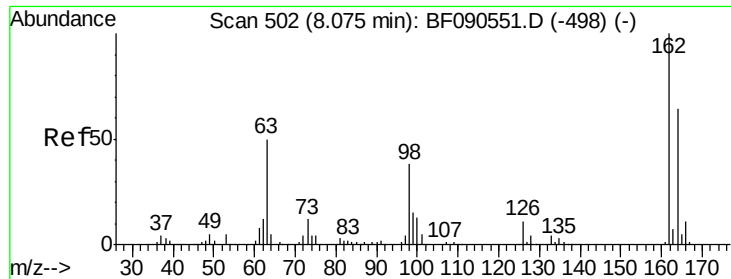
Tgt Ion: 122 Resp: 110817  
 Ion Ratio Lower Upper  
 122 100  
 107 118.0 89.8 134.6  
 121 58.6 46.1 69.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 9.23 ng  
 RT: 7.96 min Scan# 492  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion: 93 Resp: 164385  
 Ion Ratio Lower Upper  
 93 100  
 95 31.1 26.2 39.2  
 123 11.9 8.6 13.0

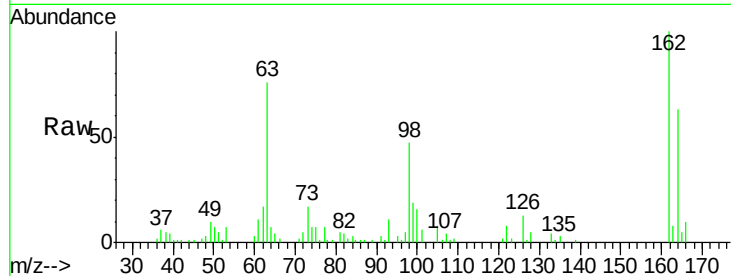




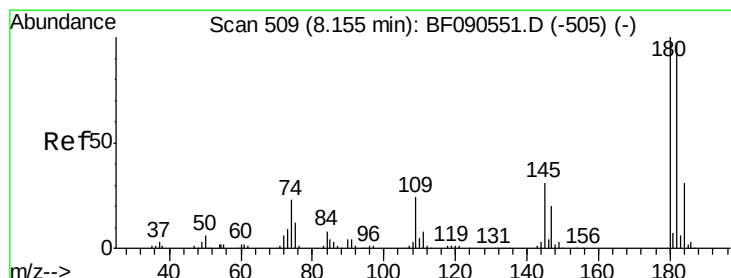
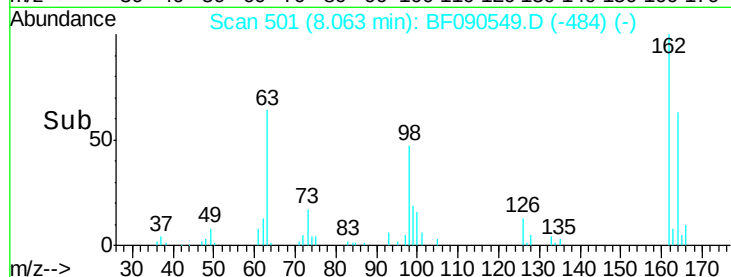
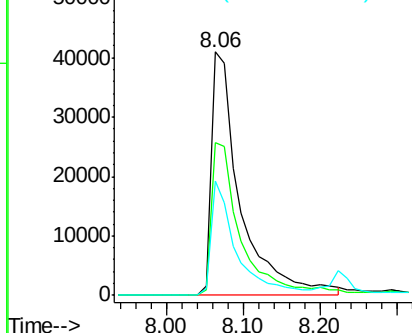
#29  
 2,4-Dichlorophenol  
 Concen: 9.97 ng  
 RT: 8.06 min Scan# 501  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:162 Resp: 106910  
 Ion Ratio Lower Upper  
 162 100  
 164 62.9 44.0 84.0  
 98 46.7 18.0 58.0

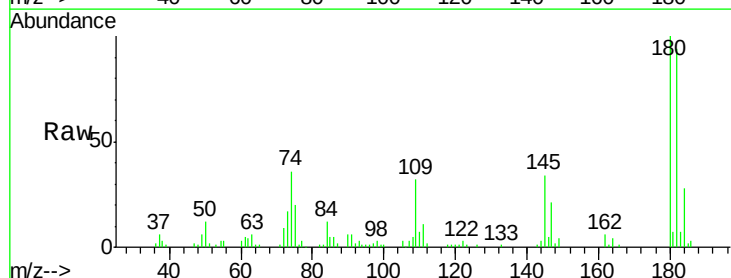


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

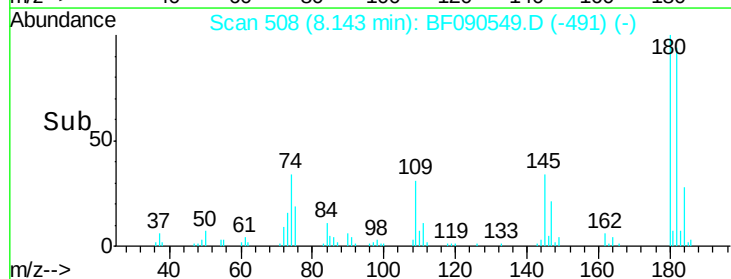
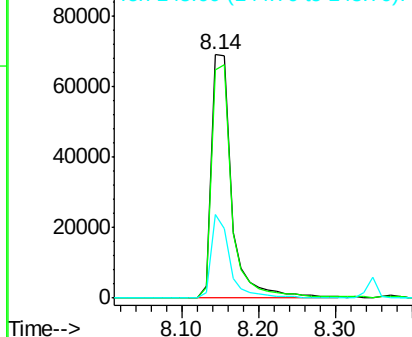


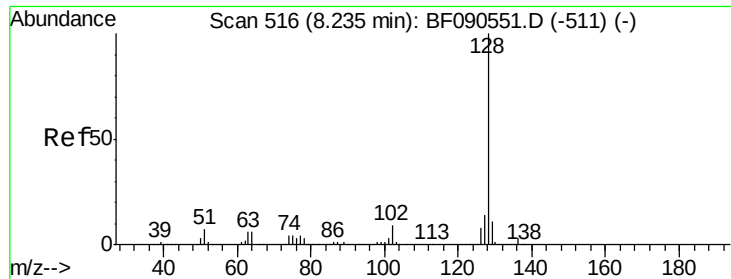
#30  
 1,2,4-Trichlorobenzene  
 Concen: 10.19 ng  
 RT: 8.14 min Scan# 508  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:180 Resp: 126881  
 Ion Ratio Lower Upper  
 180 100  
 182 93.5 77.2 115.8  
 145 34.5 24.4 36.6



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

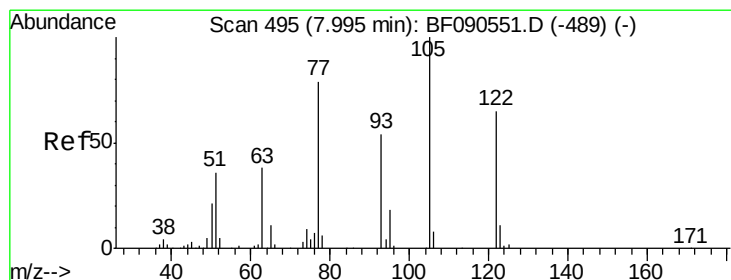
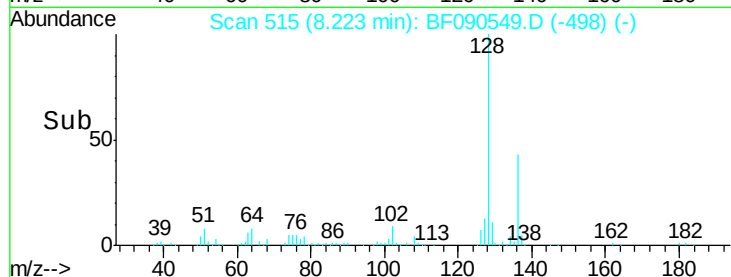
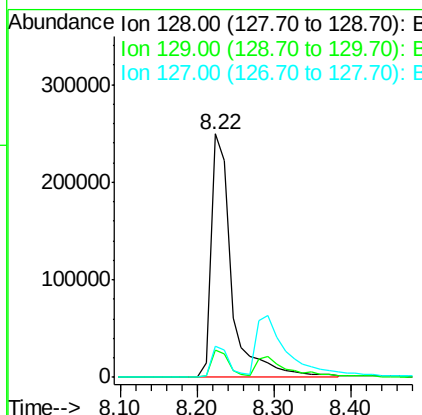
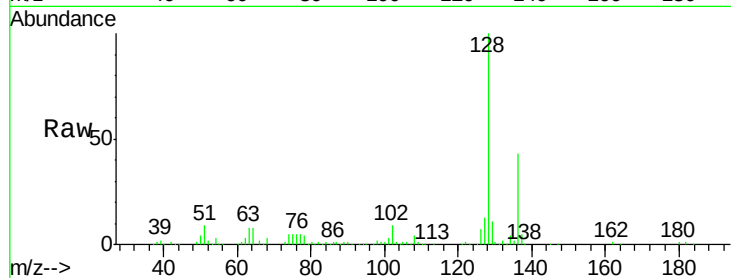




#31  
Naphthalene  
Concen: 10.80 ng  
RT: 8.22 min Scan# 515  
Delta R.T. -0.01 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

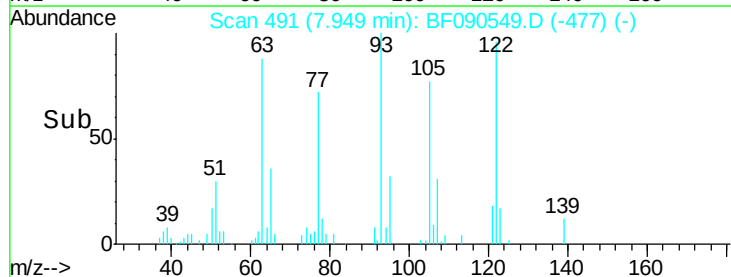
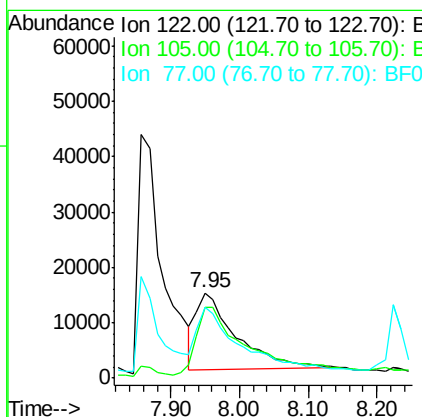
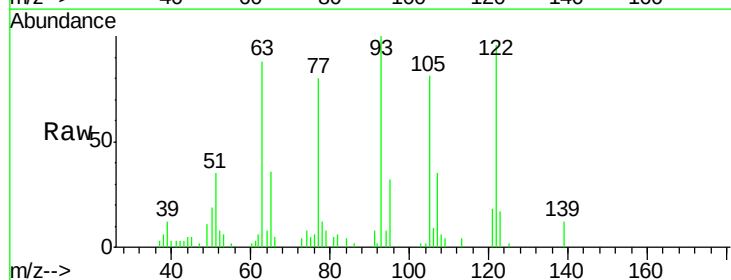
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

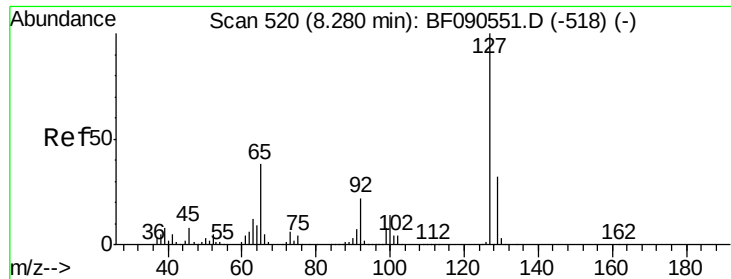
Tgt Ion:128 Resp: 460141  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 12.6 10.8 16.2



#32  
Benzoic acid  
Concen: 5.64 ng  
RT: 7.95 min Scan# 491  
Delta R.T. -0.05 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion:122 Resp: 55054  
Ion Ratio Lower Upper  
122 100  
105 83.9 101.1 141.1#  
77 82.8 84.7 124.7#

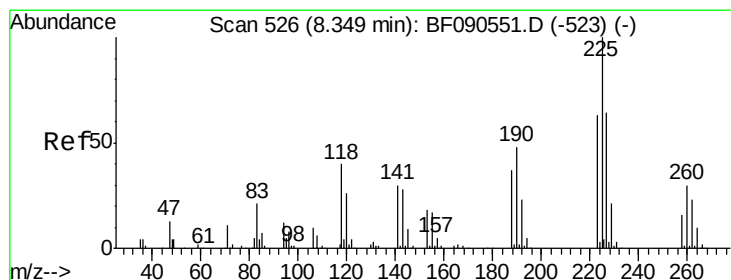
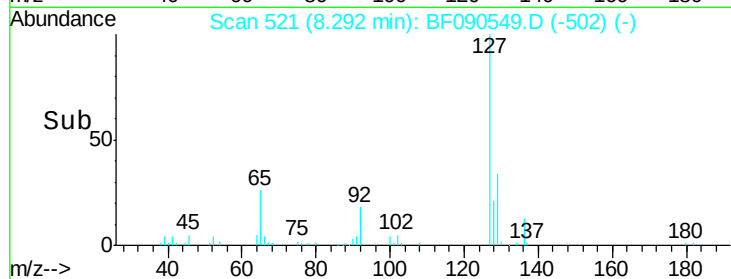
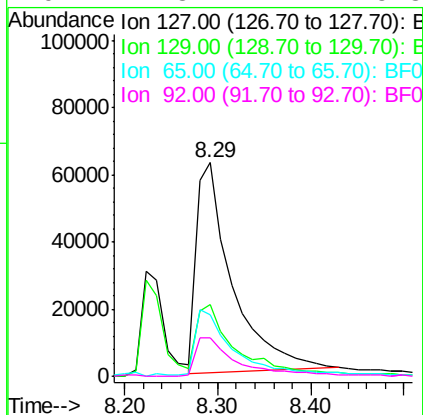
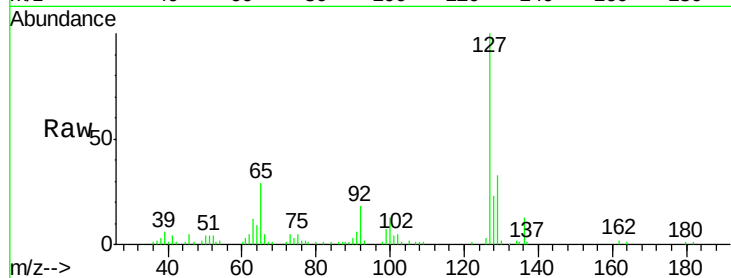




#33  
4-Chloroaniline  
Concen: 9.38 ng  
RT: 8.29 min Scan# 521  
Delta R.T. 0.01 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

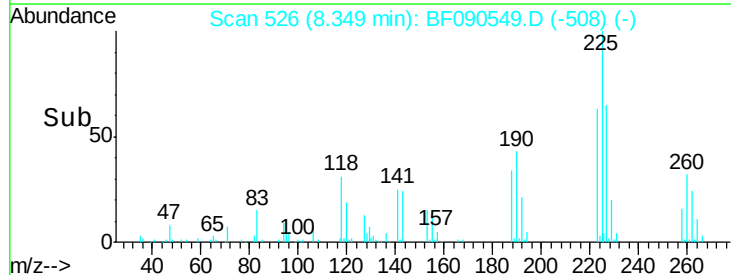
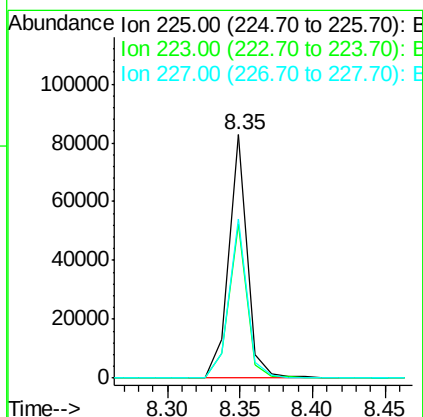
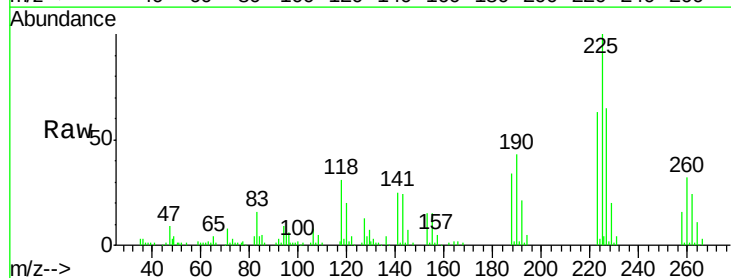
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

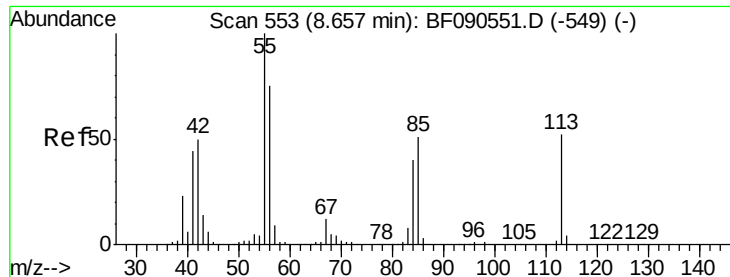
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 167238 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.4  | 26.2  | 39.2   |
| 65       | 28.6  | 30.1  | 45.1#  |
| 92       | 17.8  | 17.2  | 25.8   |



#34  
Hexachlorobutadiene  
Concen: 10.50 ng  
RT: 8.35 min Scan# 526  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 72775 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.1  | 50.6  | 76.0  |
| 227      | 65.1  | 51.4  | 77.2  |

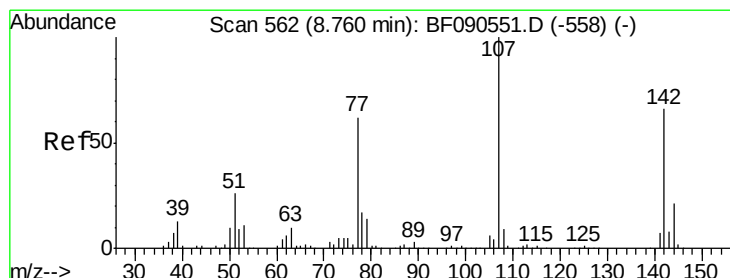
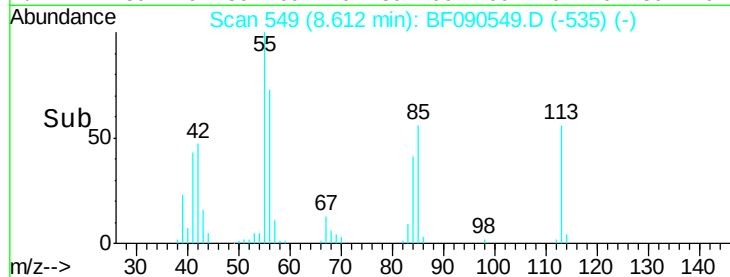
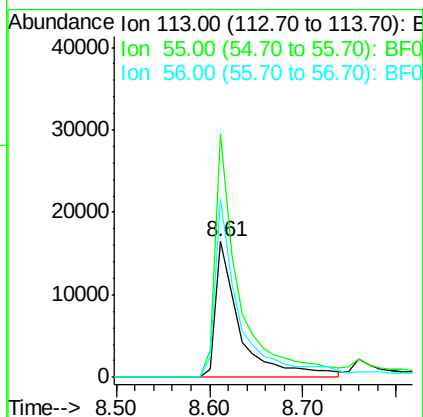
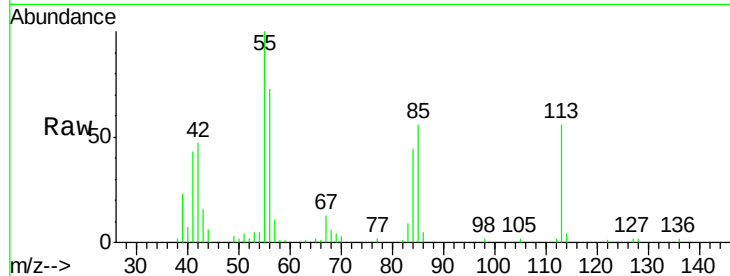




#35  
 Caprolactam  
 Concen: 8.64 ng  
 RT: 8.61 min Scan# 549  
 Delta R.T. -0.05 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

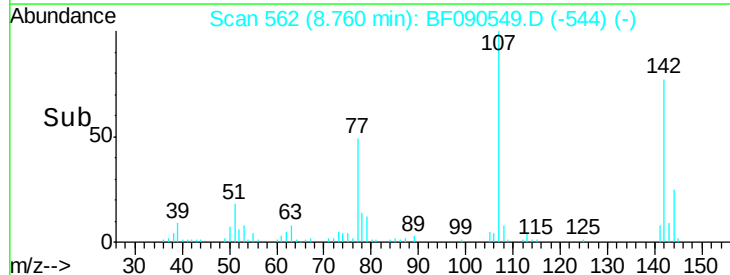
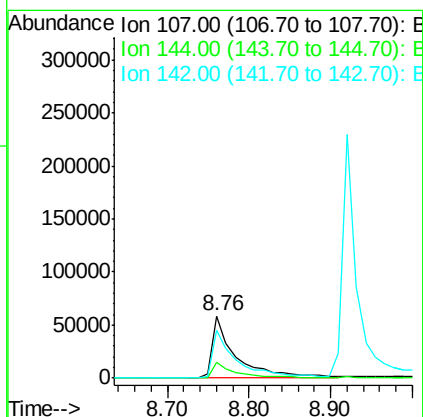
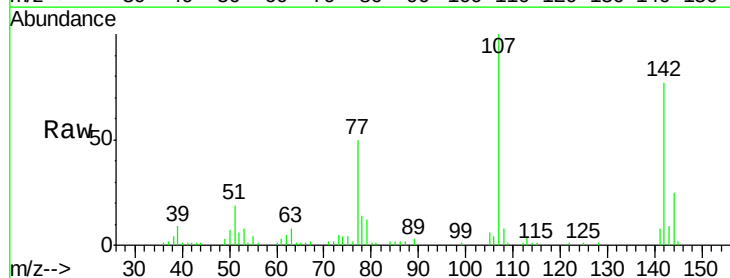
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

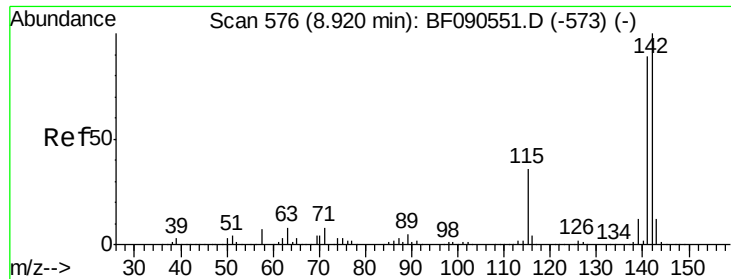
Tgt Ion: 113 Resp: 30010  
 Ion Ratio Lower Upper  
 113 100  
 55 179.3 170.8 210.8  
 56 131.4 122.4 162.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 9.65 ng  
 RT: 8.76 min Scan# 562  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion: 107 Resp: 121220  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 16.9 25.3  
 142 77.1 52.5 78.7

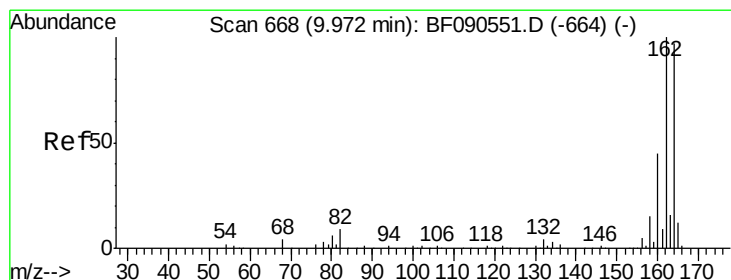
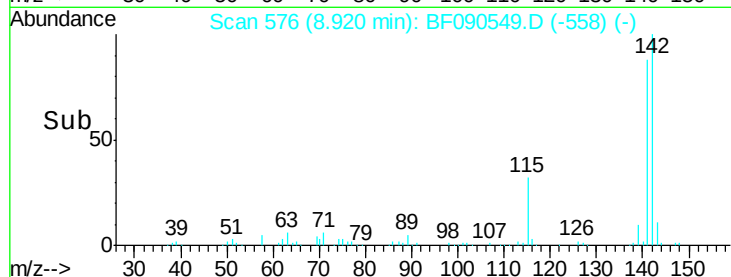
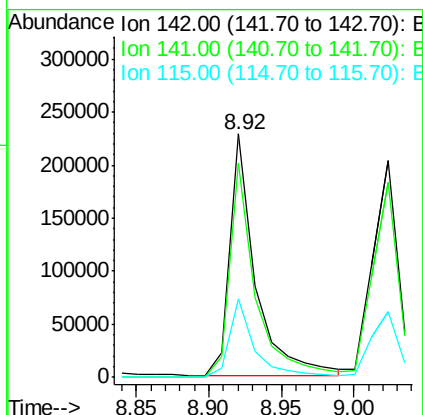
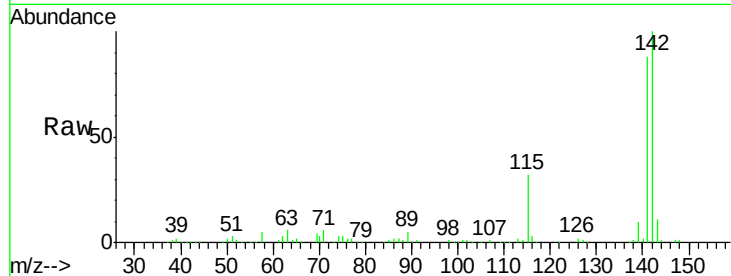




#37  
 2-Methylnaphthalene  
 Concen: 9.85 ng  
 RT: 8.92 min Scan# 576  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

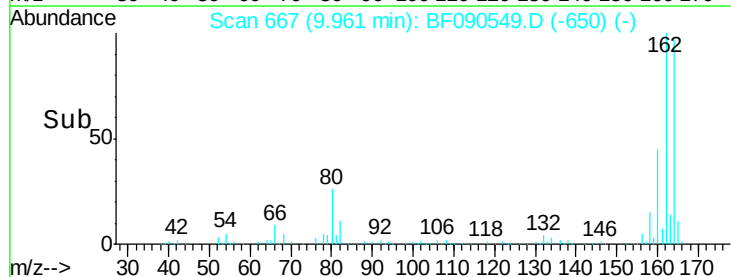
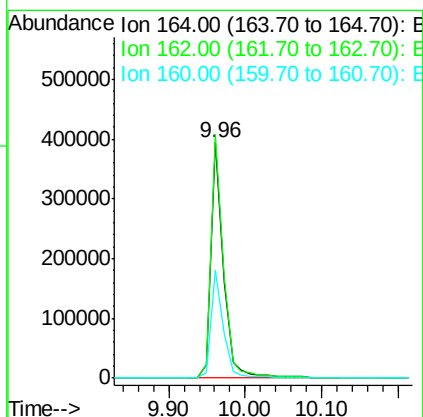
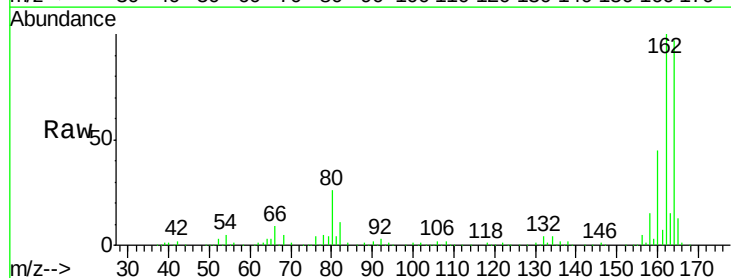
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

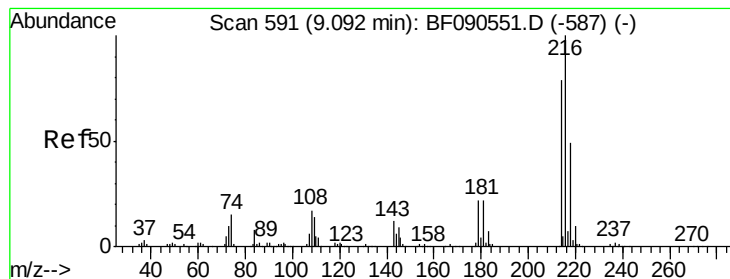
Tgt Ion:142 Resp: 278805  
 Ion Ratio Lower Upper  
 142 100  
 141 87.9 71.3 106.9  
 115 32.0 28.8 43.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.96 min Scan# 667  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:164 Resp: 444655  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 82.2 123.4  
 160 46.0 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.99 ng

RT: 9.09 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:216 Resp: 122269

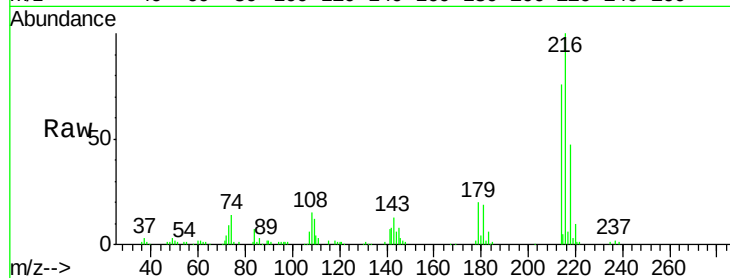
Ion Ratio Lower Upper

216 100

214 77.1 63.5 95.3

179 21.2 18.9 28.3

108 20.6 17.8 26.6

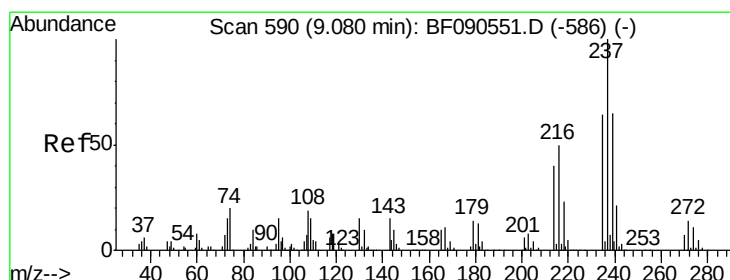
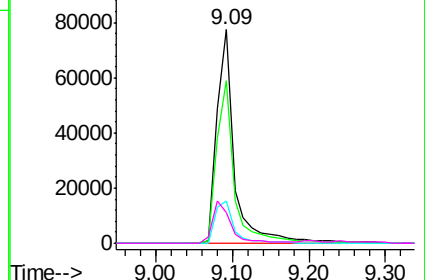
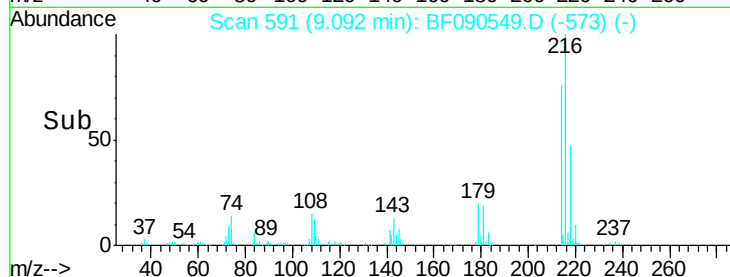


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.25 ng

RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

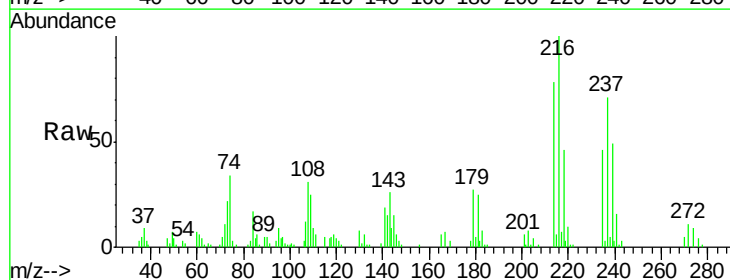
Tgt Ion:237 Resp: 49633

Ion Ratio Lower Upper

237 100

235 65.0 43.8 83.8

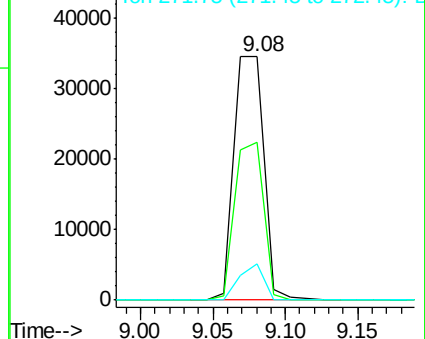
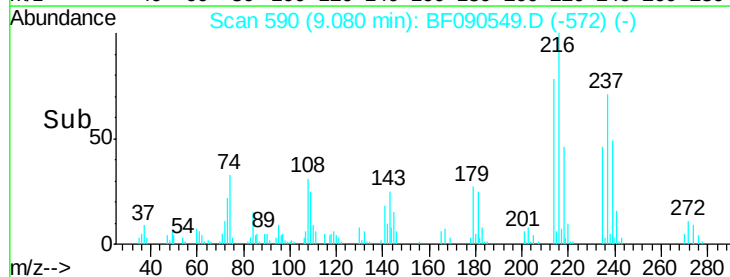
272 14.8 0.0 33.7



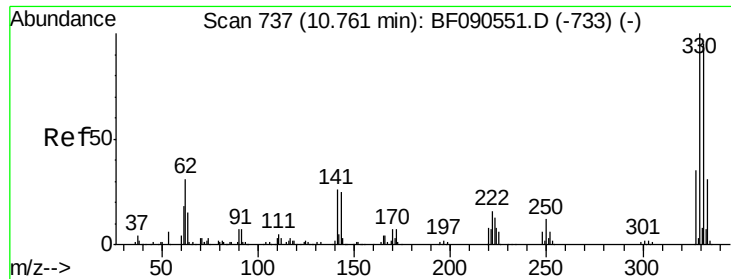
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



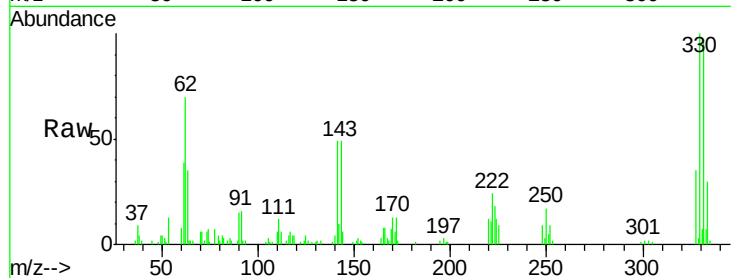




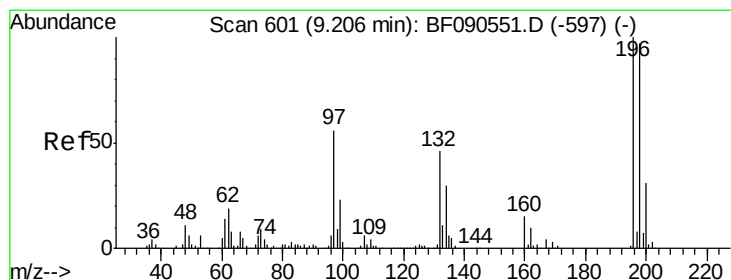
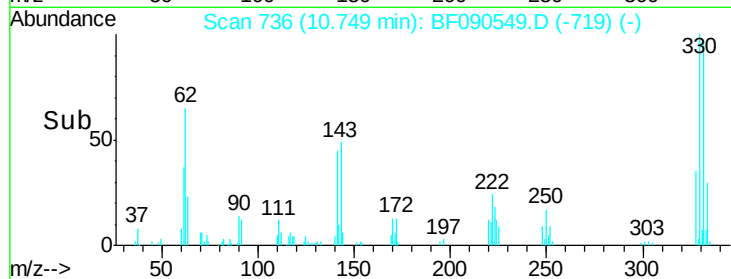
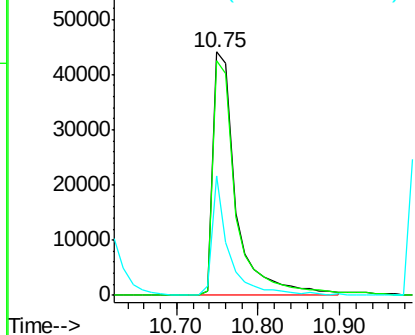
#41  
 2,4,6-Tribromophenol  
 Concen: 20.48 ng  
 RT: 10.75 min Scan# 736  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:330 Resp: 87973  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 76.2 114.2  
 141 36.0 31.4 47.2

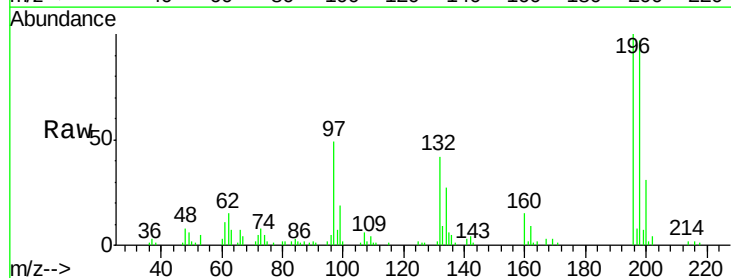


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

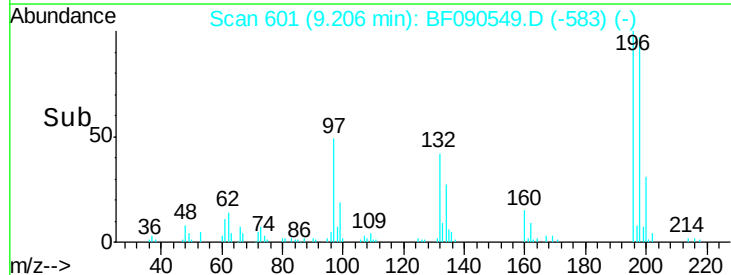
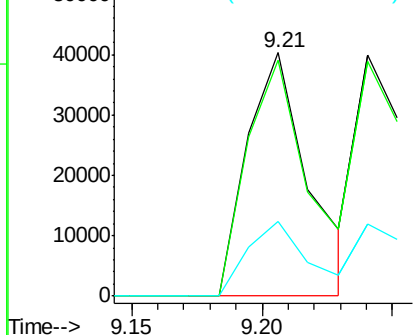


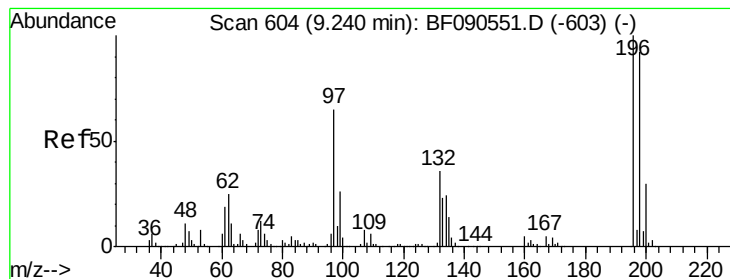
#42  
 2,4,6-Trichlorophenol  
 Concen: 8.01 ng  
 RT: 9.21 min Scan# 601  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:196 Resp: 65951  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 77.9 116.9  
 200 30.6 25.1 37.7



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

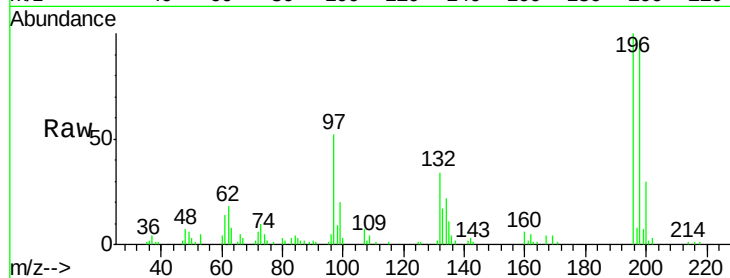




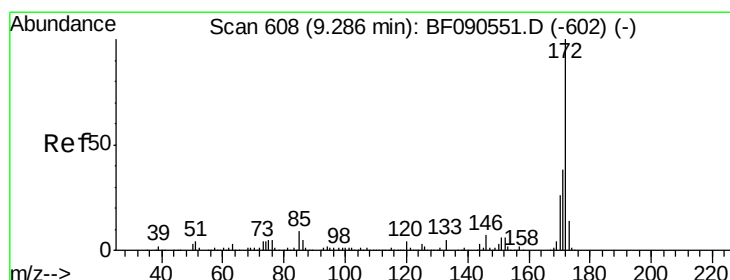
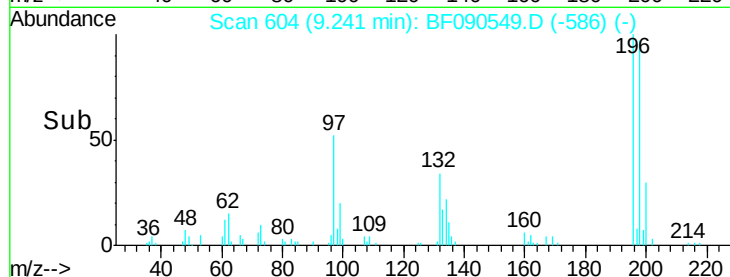
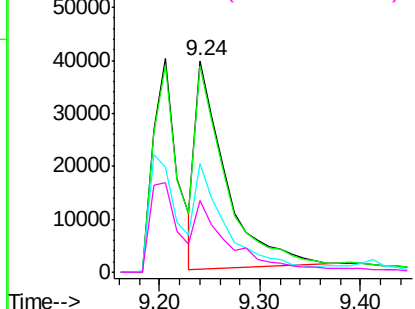
#43  
 2,4,5-Trichlorophenol  
 Concen: 10.16 ng  
 RT: 9.24 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:196 Resp: 82949  
 Ion Ratio Lower Upper  
 196 100  
 198 97.4 74.0 111.0  
 97 51.7 54.7 82.1#  
 132 34.0 30.5 45.7

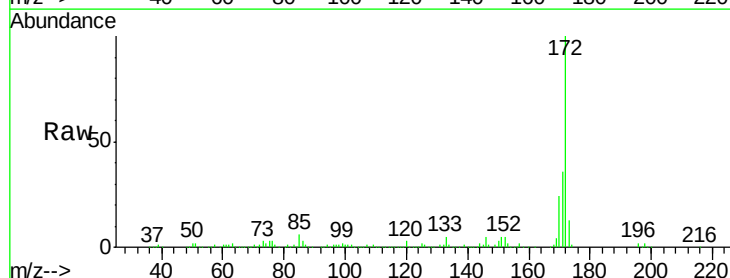


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

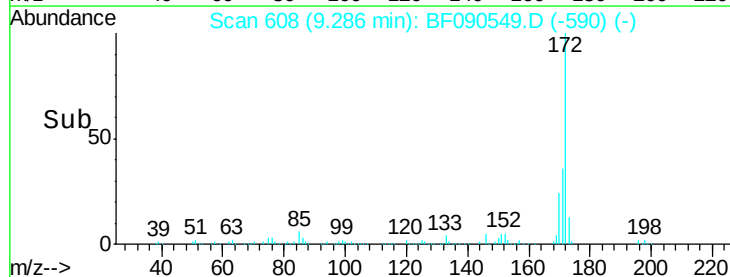
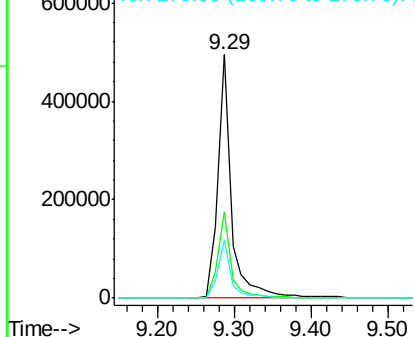


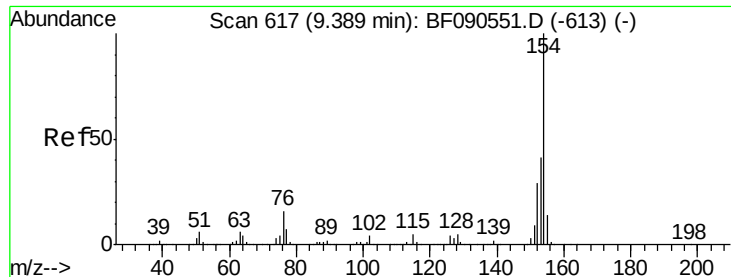
#44  
 2-Fluorobiphenyl  
 Concen: 23.29 ng  
 RT: 9.29 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:172 Resp: 612586  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 30.1 45.1  
 170 23.7 20.6 30.8



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





#45

1,1'-Biphenyl

Concen: 10.93 ng

RT: 9.39 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

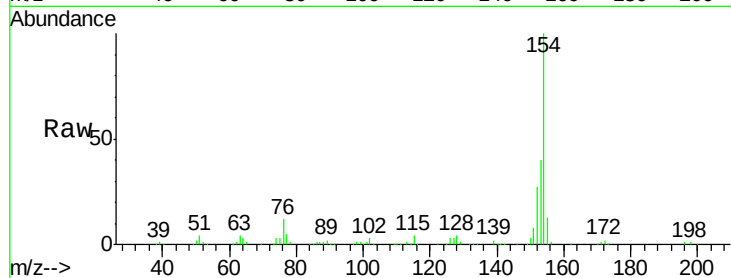
Tgt Ion:154 Resp: 367501

Ion Ratio Lower Upper

154 100

153 39.8 21.5 61.5

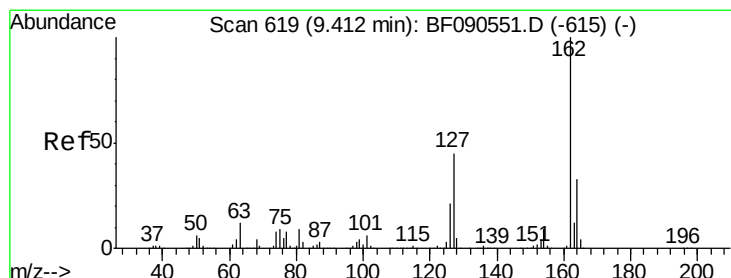
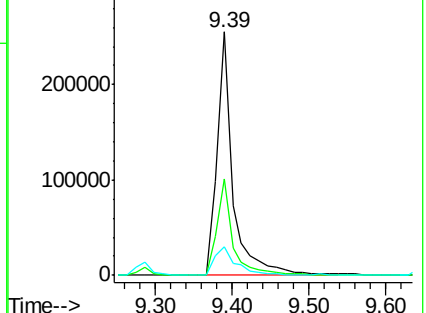
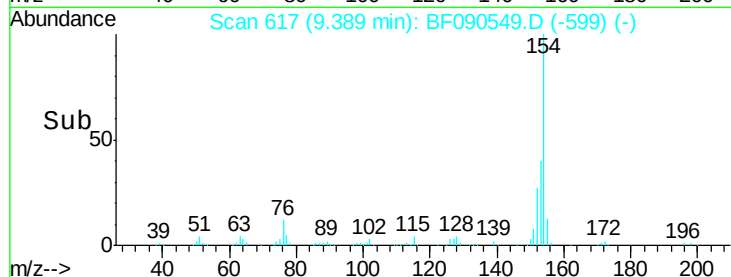
76 11.9 0.0 36.0



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: 10.97 ng

RT: 9.41 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

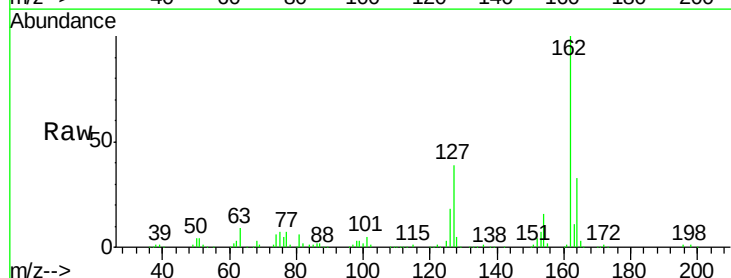
Tgt Ion:162 Resp: 274927

Ion Ratio Lower Upper

162 100

127 39.0 35.9 53.9

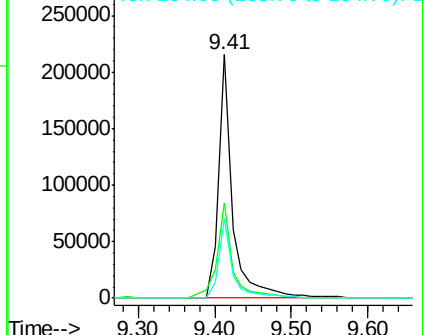
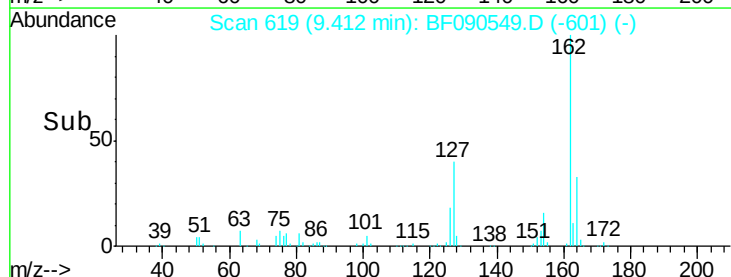
164 33.0 26.7 40.1

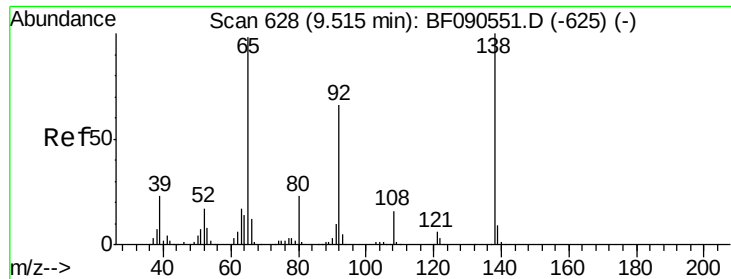


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

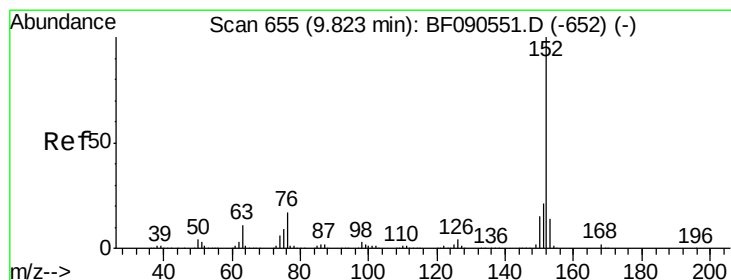
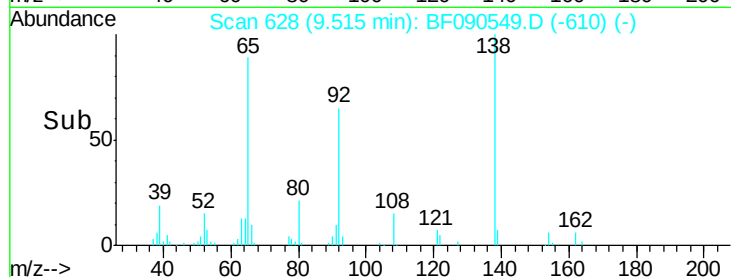
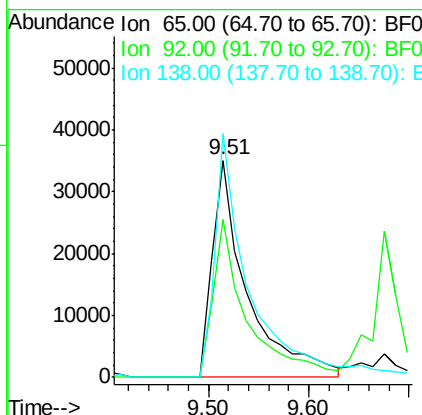
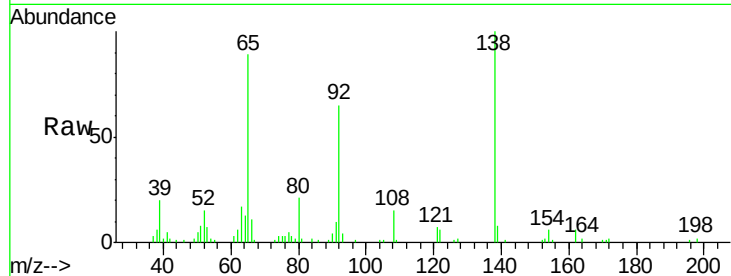




#47  
2-Nitroaniline  
Concen: 9.31 ng  
RT: 9.51 min Scan# 628  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

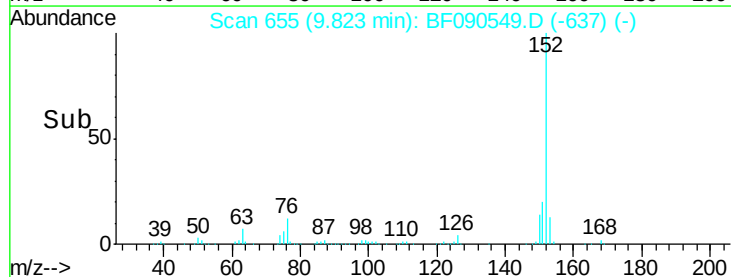
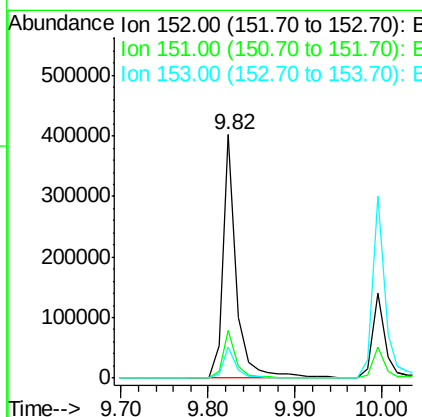
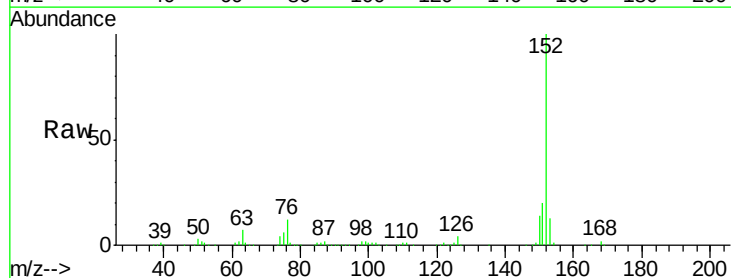
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

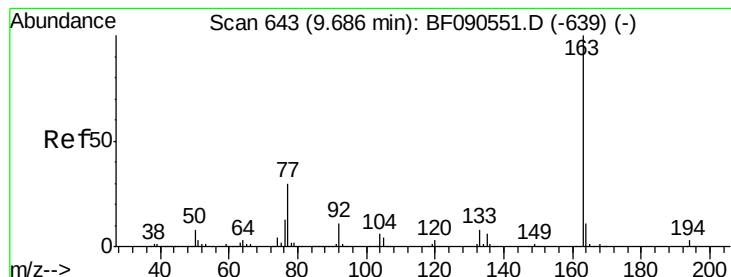
Tgt Ion: 65 Resp: 84267  
Ion Ratio Lower Upper  
65 100  
92 72.6 54.3 81.5  
138 112.3 81.7 122.5



#48  
Acenaphthylene  
Concen: 10.73 ng  
RT: 9.82 min Scan# 655  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion: 152 Resp: 437057  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.6 25.0  
153 13.0 11.3 16.9





#49

Dimethylphthalate

Concen: 10.43 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

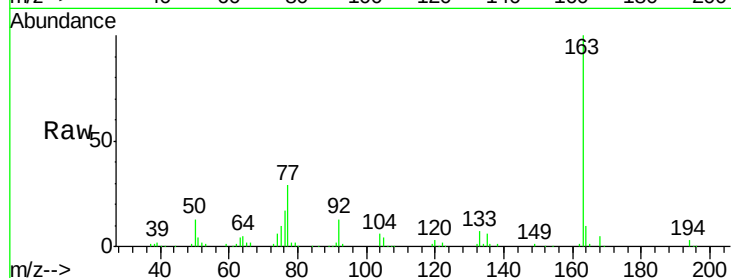
Tgt Ion:163 Resp: 308197

Ion Ratio Lower Upper

163 100

194 2.8 2.3 3.5

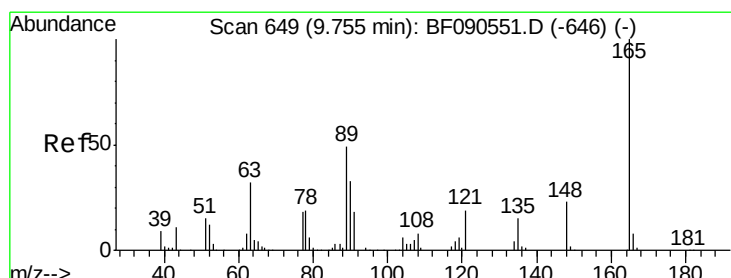
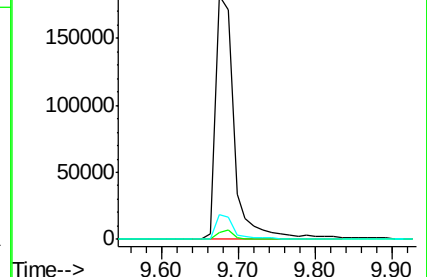
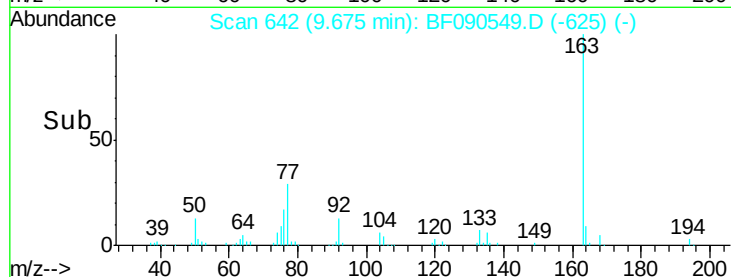
164 10.1 8.6 13.0



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: 10.33 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

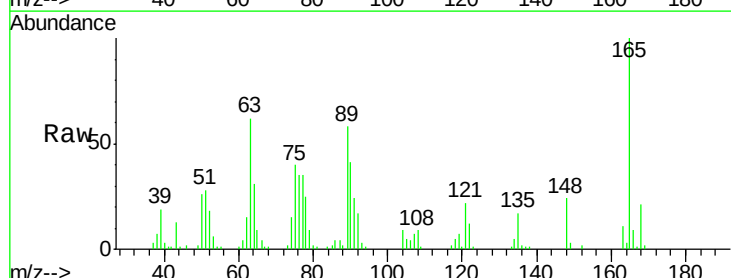
Tgt Ion:165 Resp: 68400

Ion Ratio Lower Upper

165 100

63 62.3 40.1 60.1#

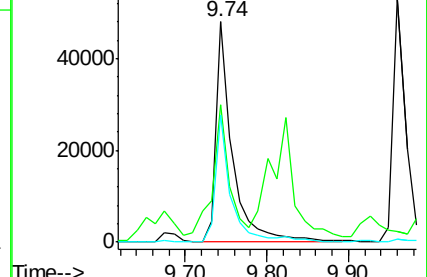
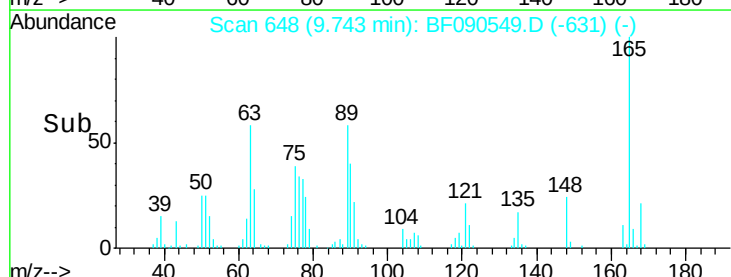
89 57.9 39.5 59.3

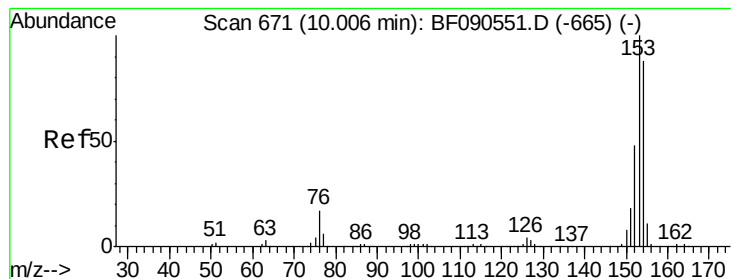


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.65 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

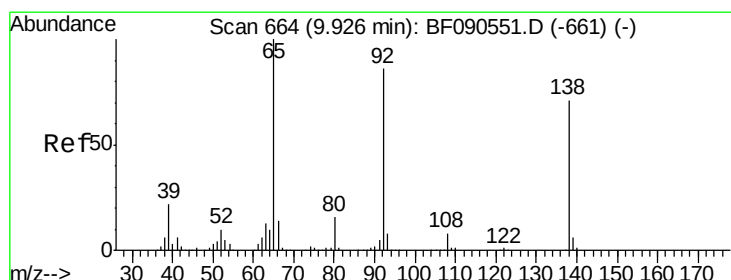
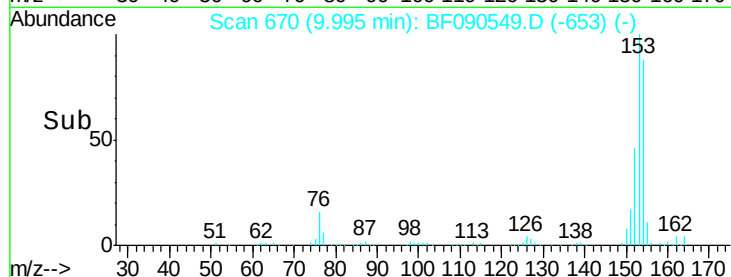
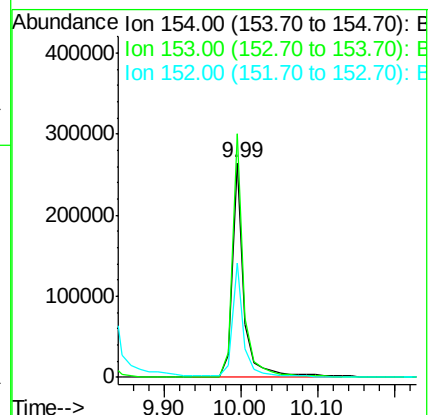
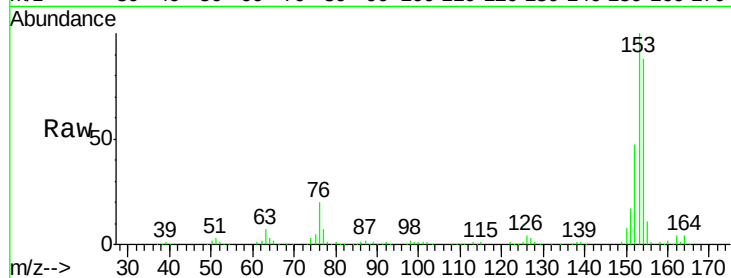
Tgt Ion:154 Resp: 289412

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

152 53.0 44.0 66.0



#52

3-Nitroaniline

Concen: 9.79 ng

RT: 9.93 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

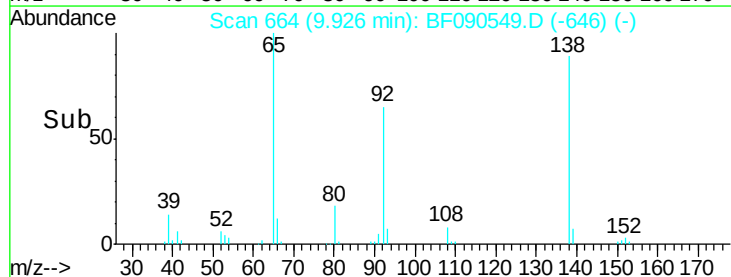
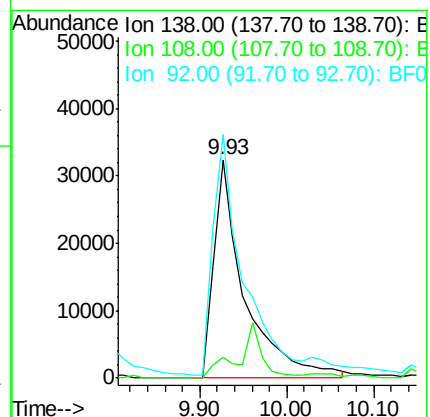
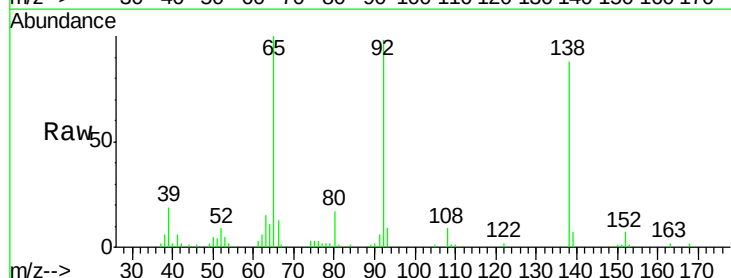
Tgt Ion:138 Resp: 80178

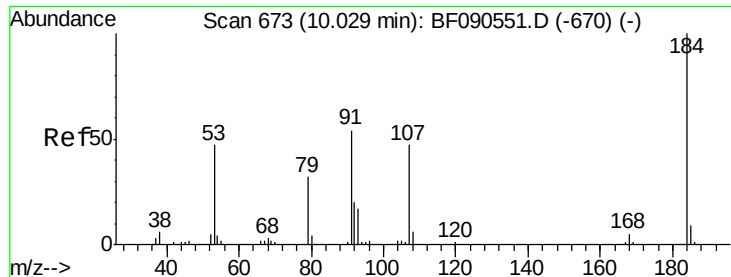
Ion Ratio Lower Upper

138 100

108 9.8 8.6 12.8

92 111.6 97.8 146.8

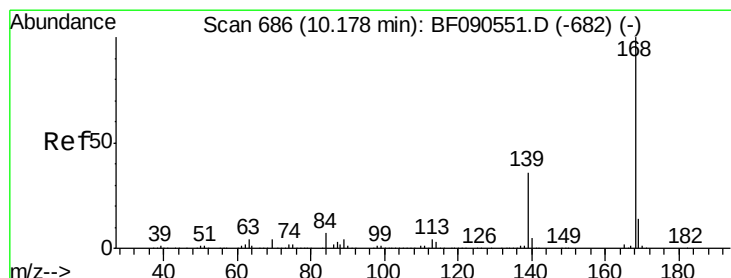
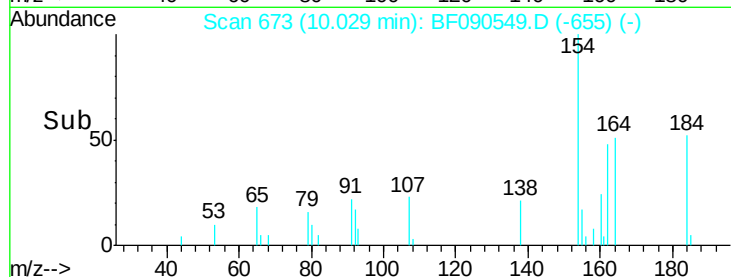
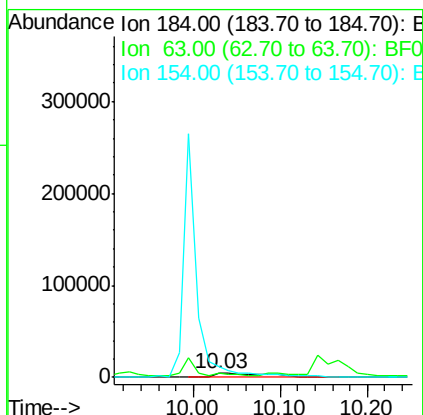
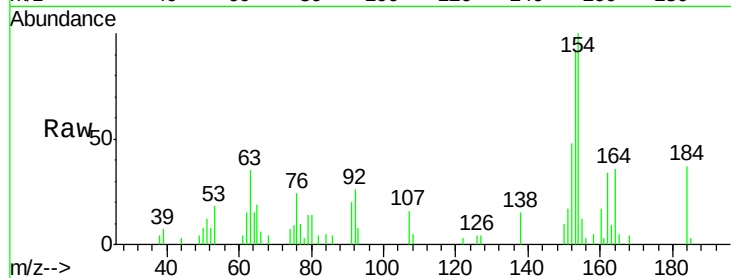




#53  
 2,4-Dinitrophenol  
 Concen: 5.98 ng  
 RT: 10.03 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

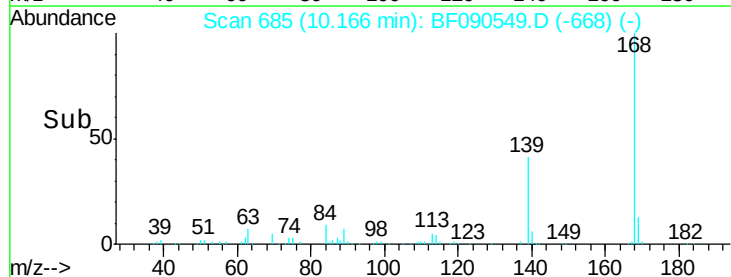
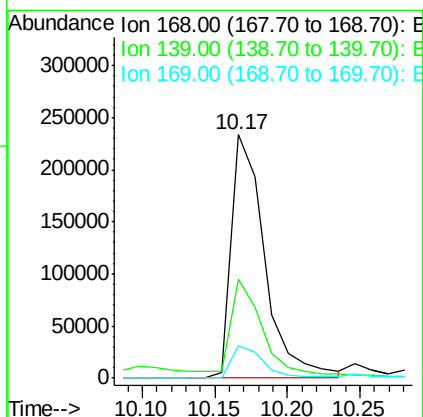
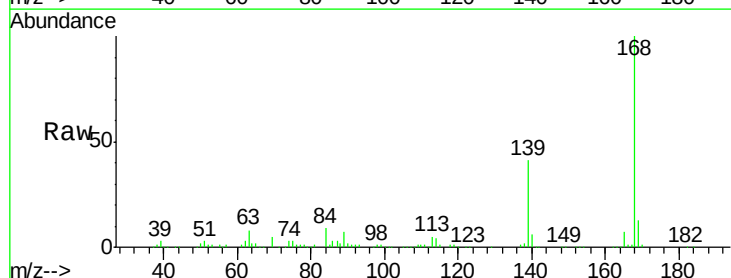
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

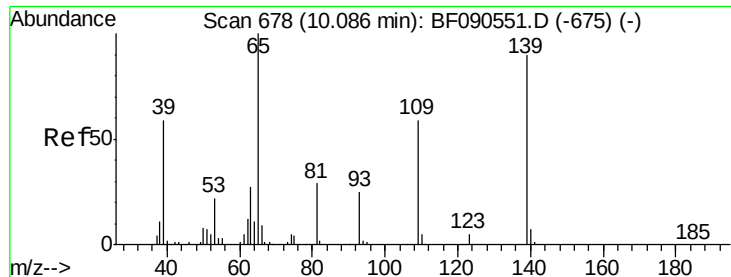
Tgt Ion:184 Resp: 20749  
 Ion Ratio Lower Upper  
 184 100  
 63 94.7 60.2 90.2#  
 154 272.7 86.1 129.1#



#54  
 Dibenzofuran  
 Concen: 10.33 ng  
 RT: 10.17 min Scan# 685  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:168 Resp: 374457  
 Ion Ratio Lower Upper  
 168 100  
 139 40.9 30.5 45.7  
 169 13.4 10.9 16.3

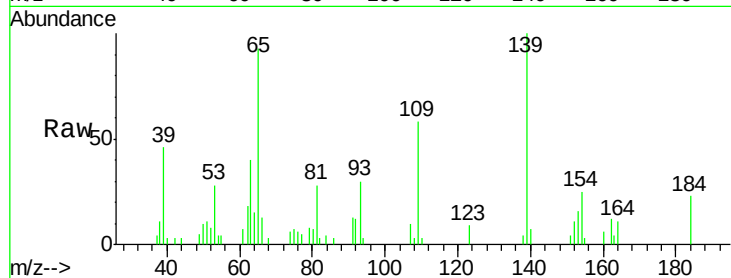




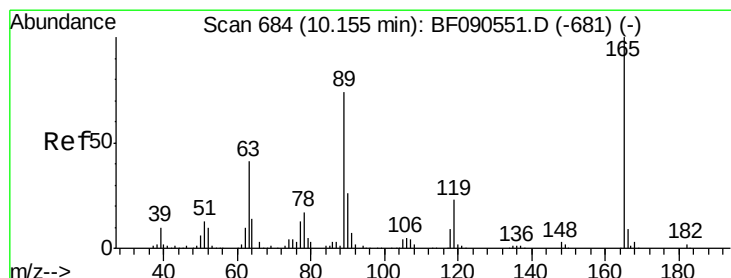
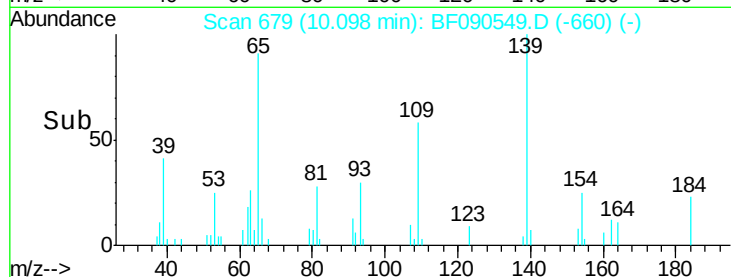
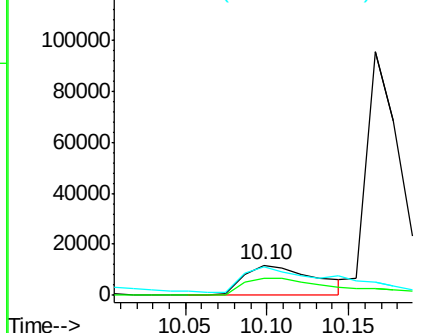
#55  
4-Nitrophenol  
Concen: 5.98 ng  
RT: 10.10 min Scan# 679  
Delta R.T. 0.01 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion:139 Resp: 35986  
Ion Ratio Lower Upper  
139 100  
109 57.7 45.9 85.9  
65 93.1 95.8 135.8#

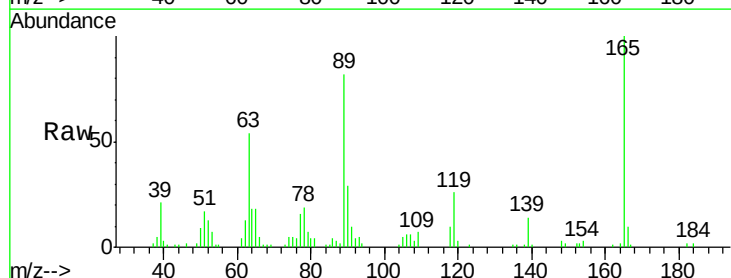


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

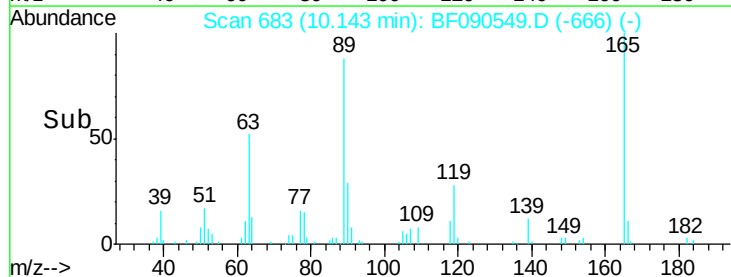
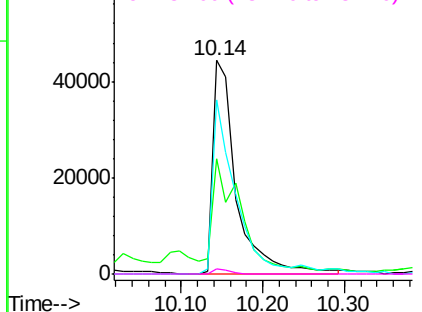


#56  
2,4-Dinitrotoluene  
Concen: 10.18 ng  
RT: 10.14 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

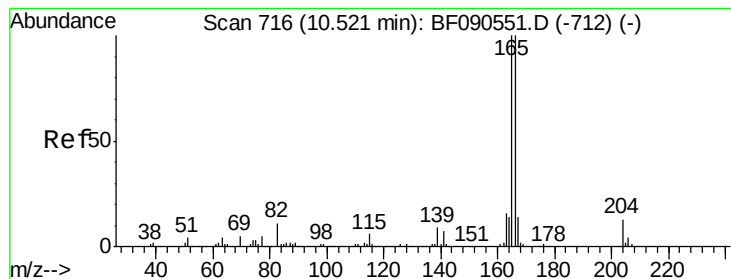
Tgt Ion:165 Resp: 89576  
Ion Ratio Lower Upper  
165 100  
63 54.2 35.4 53.0#  
89 81.6 59.0 88.4  
182 2.5 1.8 2.6



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: 10.75 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

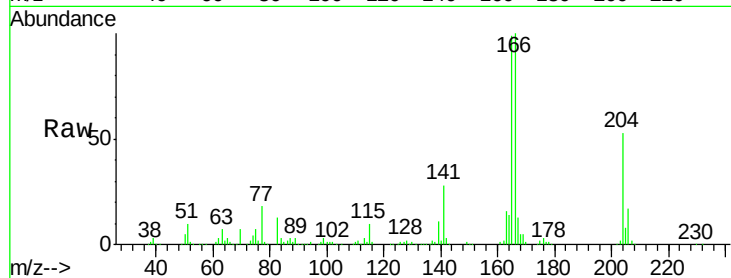
Tgt Ion:166 Resp: 317113

Ion Ratio Lower Upper

166 100

165 99.0 79.9 119.9

167 13.3 10.9 16.3

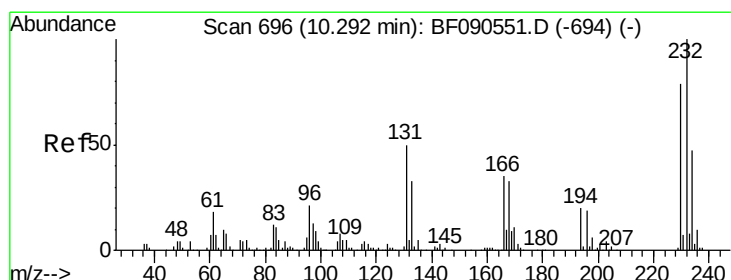
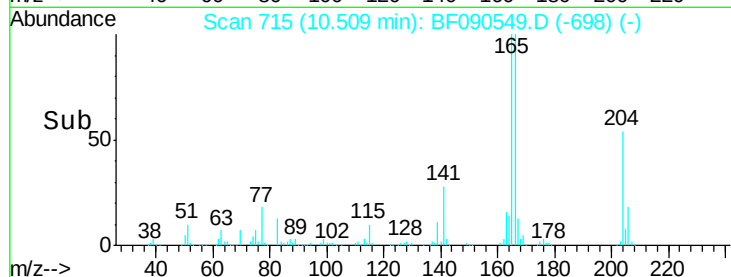
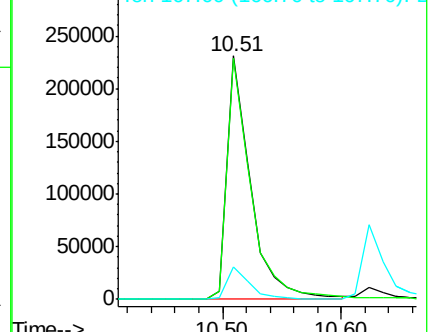


Abundance

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: 10.53 ng

RT: 10.29 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Tgt Ion:232 Resp: 72539

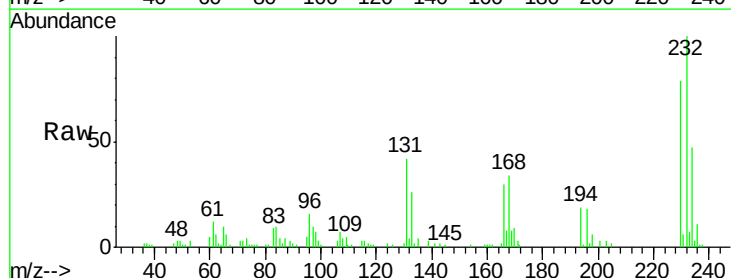
Ion Ratio Lower Upper

232 100

131 48.0 42.6 64.0

130 1.8 1.8 2.8#

166 32.0 27.5 41.3



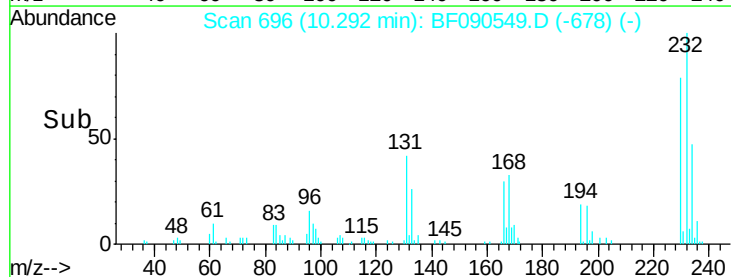
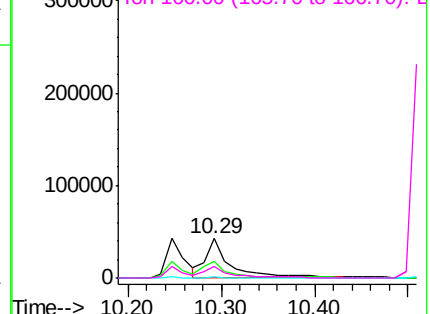
Abundance

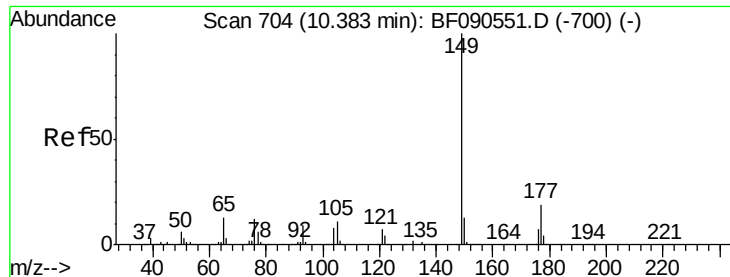
Ion 232.00 (231.70 to 232.70): E

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

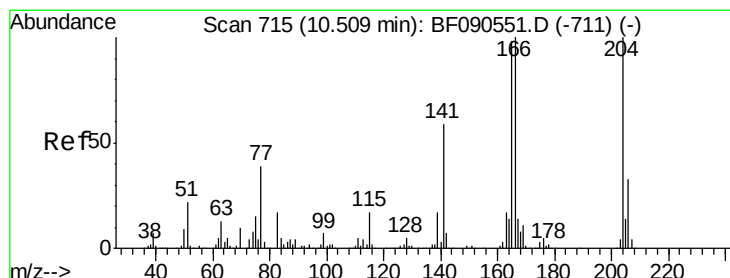
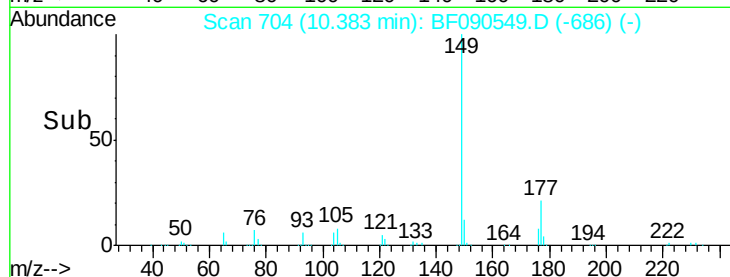
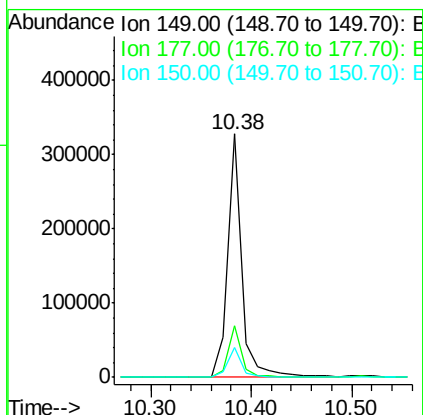
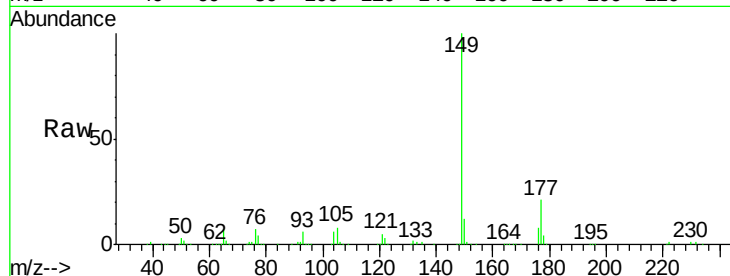




#59  
Diethylphthalate  
Concen: 10.65 ng  
RT: 10.38 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

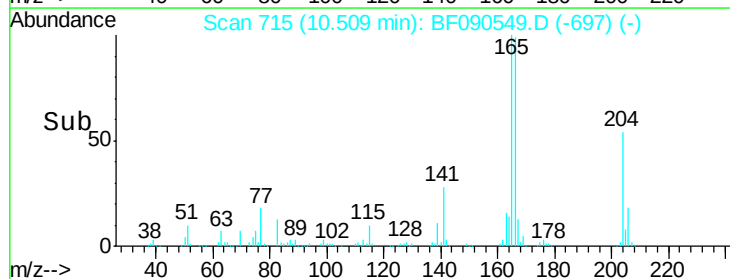
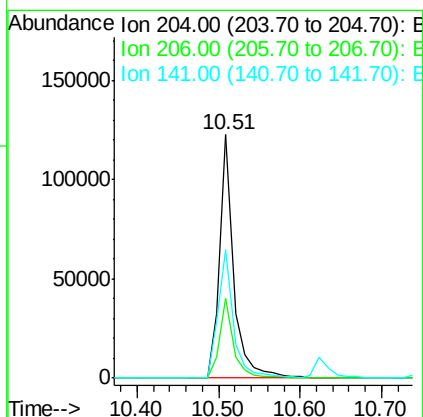
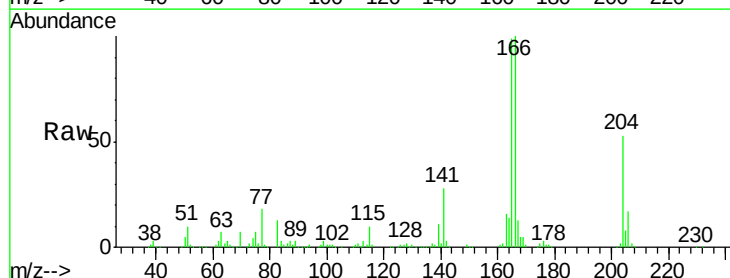
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

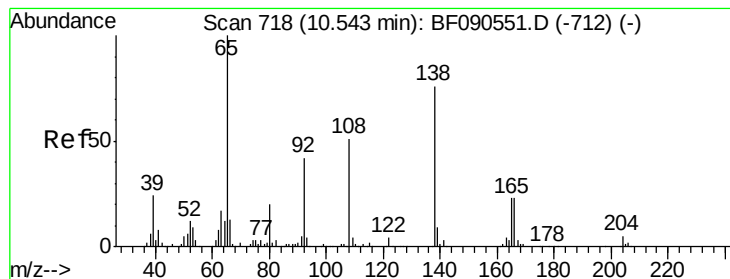
Tgt Ion:149 Resp: 322626  
Ion Ratio Lower Upper  
149 100  
177 21.4 15.3 22.9  
150 12.0 10.3 15.5



#60  
4-Chlorophenyl-phenylether  
Concen: 10.93 ng  
RT: 10.51 min Scan# 715  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion:204 Resp: 147997  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.5 39.7  
141 52.7 47.2 70.8





#61

4-Nitroaniline

Concen: 9.85 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

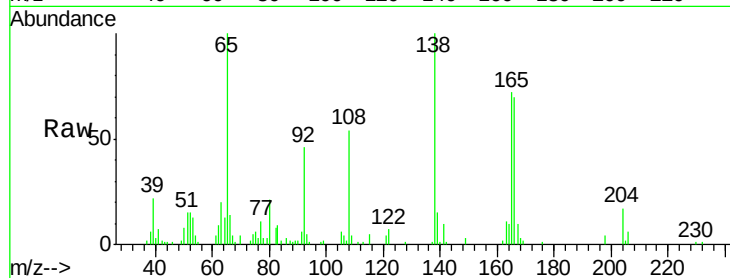
Tgt Ion:138 Resp: 80663

Ion Ratio Lower Upper

138 100

92 46.4 35.7 75.7

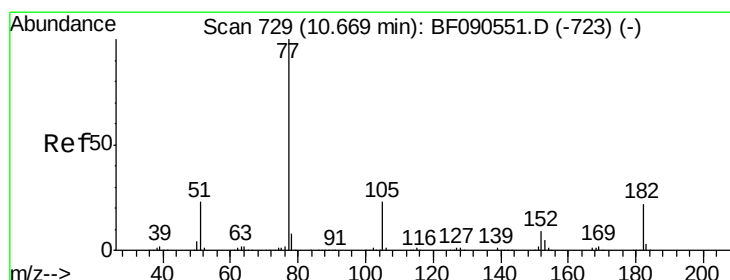
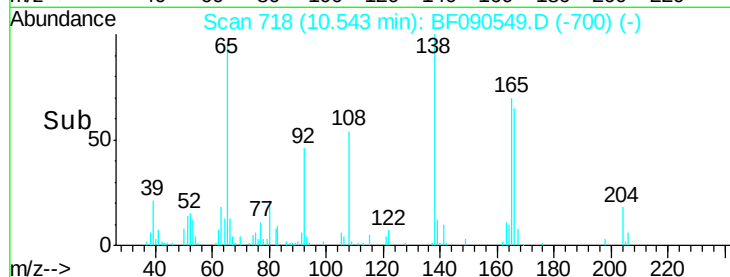
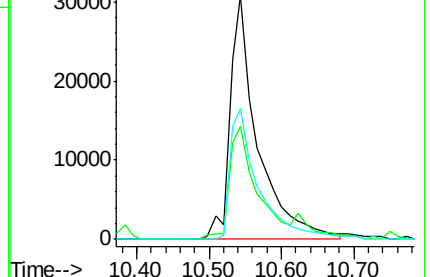
108 54.0 46.9 86.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 9.49 ng

RT: 10.67 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Tgt Ion: 77 Resp: 314553

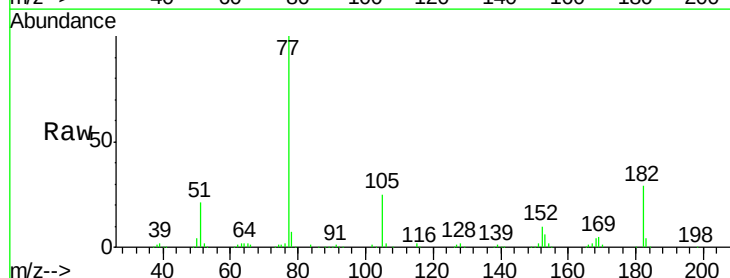
Ion Ratio Lower Upper

77 100

182 29.2 2.2 42.2

105 25.3 3.5 43.5

51 21.2 3.7 43.7

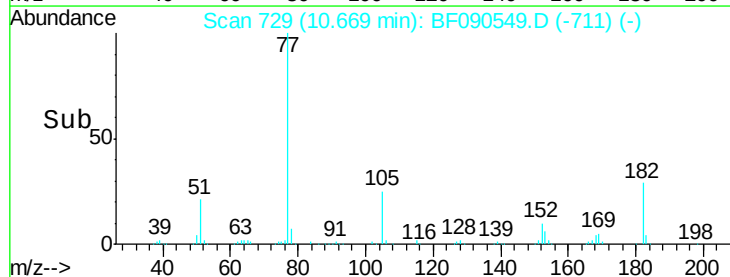
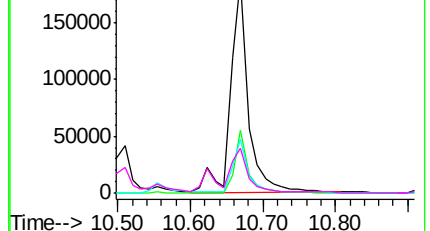


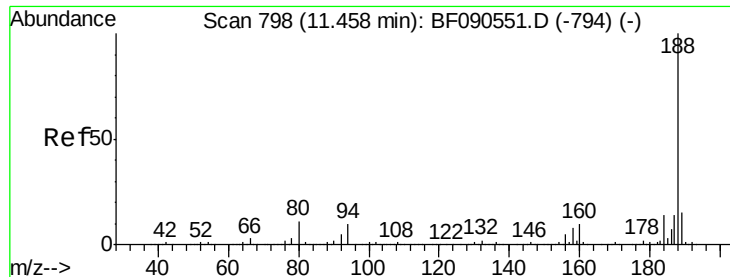
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

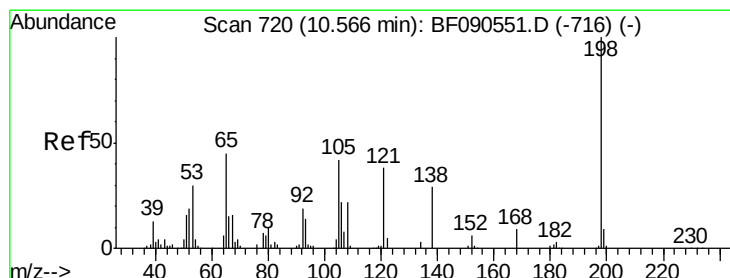
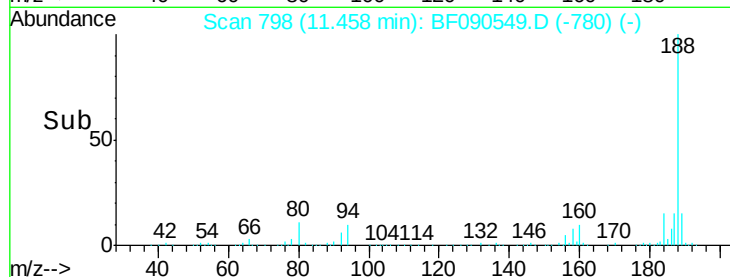
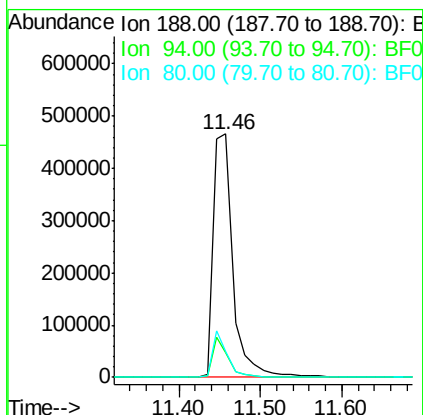
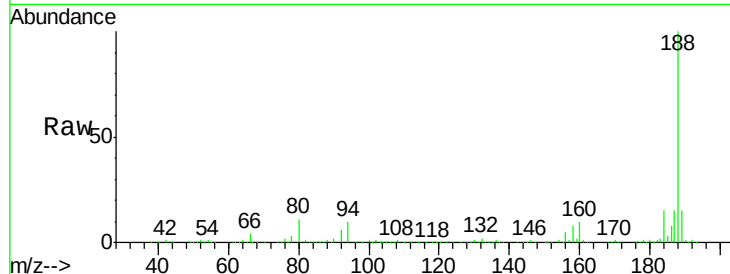




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.46 min Scan# 798  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

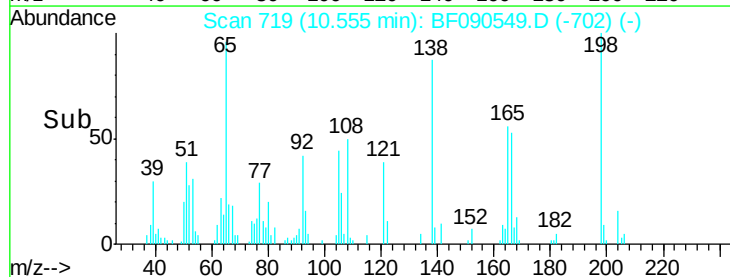
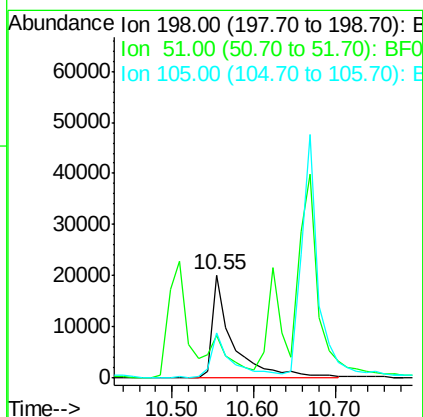
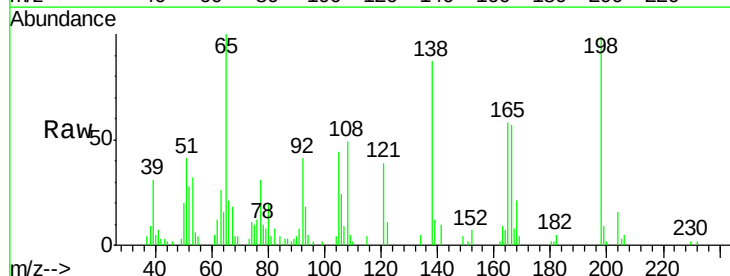
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

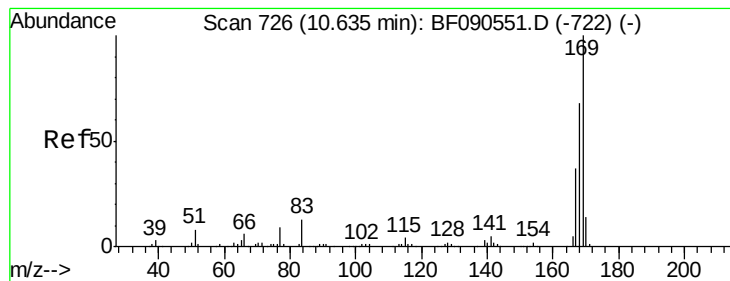
Tgt Ion:188 Resp: 784469  
 Ion Ratio Lower Upper  
 188 100  
 94 10.1 7.7 11.5  
 80 10.9 8.6 12.8



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 6.90 ng  
 RT: 10.55 min Scan# 719  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:198 Resp: 36077  
 Ion Ratio Lower Upper  
 198 100  
 51 41.1 19.7 59.7  
 105 44.3 22.6 62.6

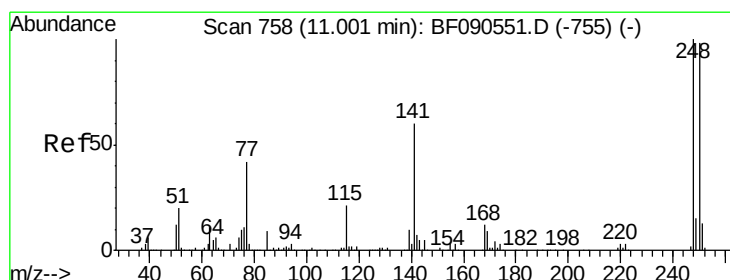
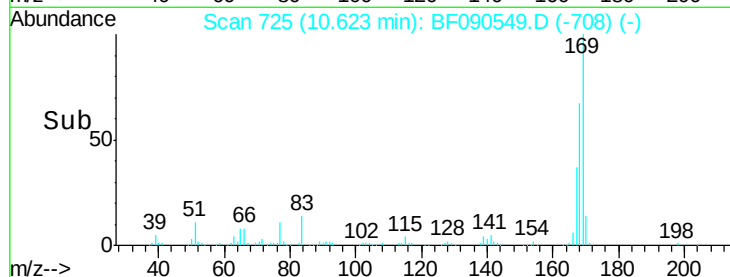
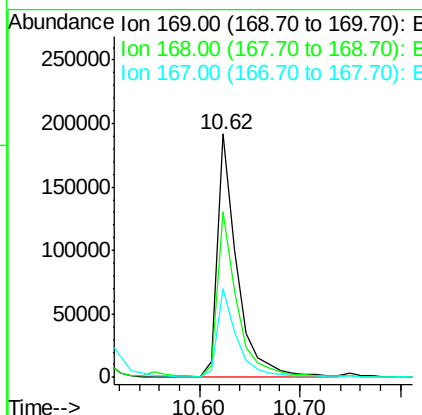
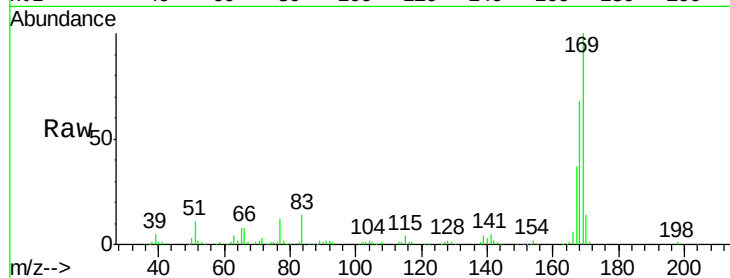




#65  
 n-Nitrosodiphenylamine  
 Concen: 10.24 ng  
 RT: 10.62 min Scan# 725  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

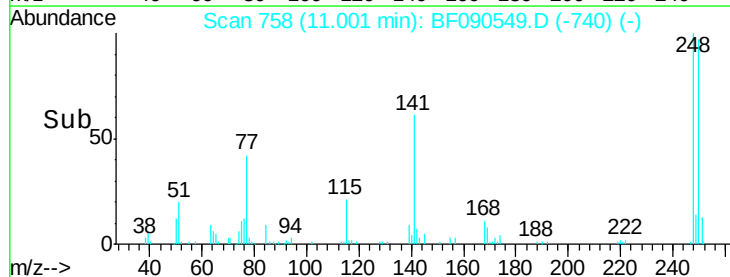
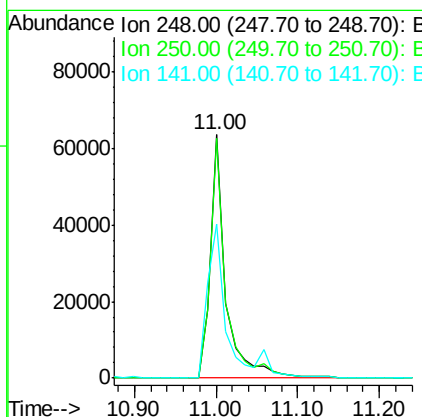
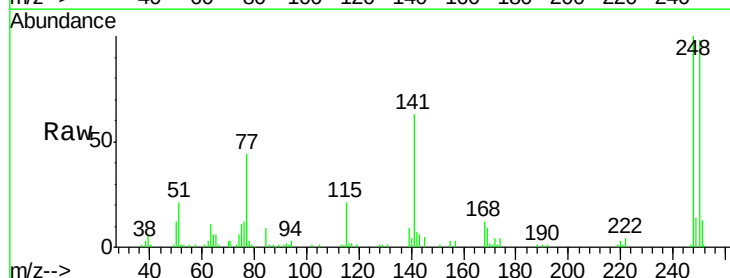
Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC010

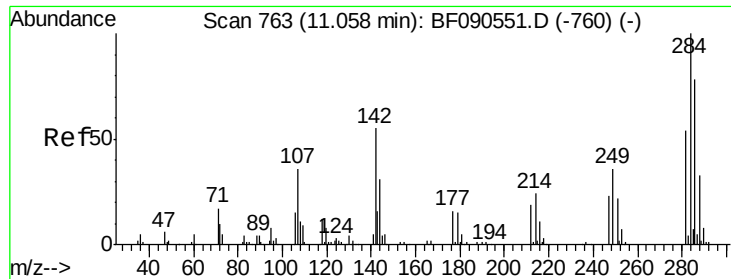
Tgt Ion:169 Resp: 262137  
 Ion Ratio Lower Upper  
 169 100  
 168 67.8 54.6 81.8  
 167 36.6 29.8 44.8



#66  
 4-Bromophenyl-phenylether  
 Concen: 9.94 ng  
 RT: 11.00 min Scan# 758  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:248 Resp: 85601  
 Ion Ratio Lower Upper  
 248 100  
 250 98.4 78.4 117.6  
 141 63.1 48.4 72.6

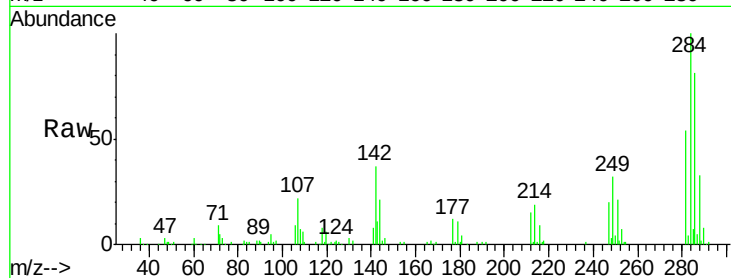




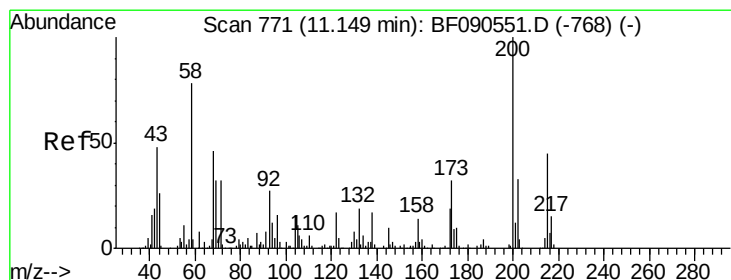
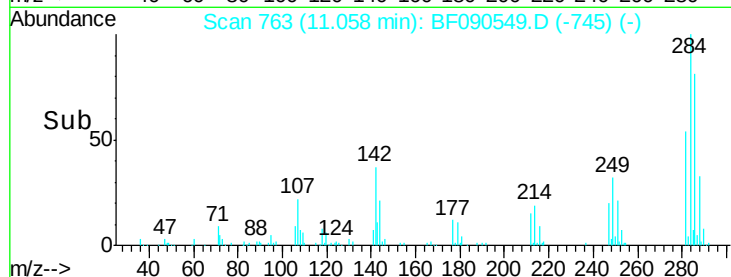
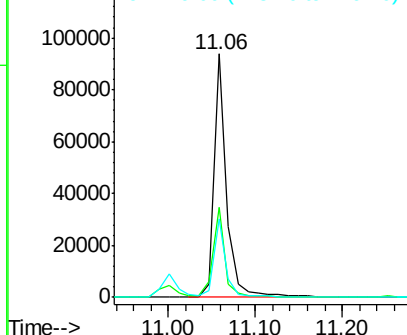
#67  
Hexachlorobenzene  
Concen: 10.12 ng  
RT: 11.06 min Scan# 763  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion: 284 Resp: 95852  
Ion Ratio Lower Upper  
284 100  
142 37.2 44.5 66.7#  
249 32.3 29.6 44.4

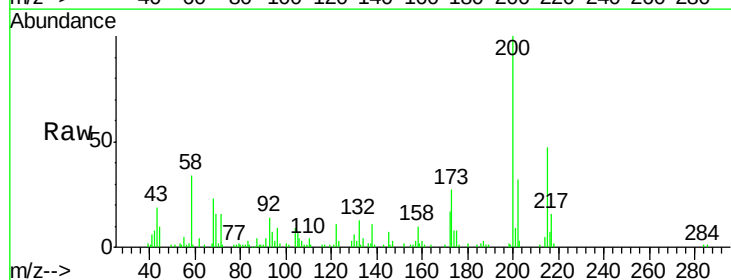


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

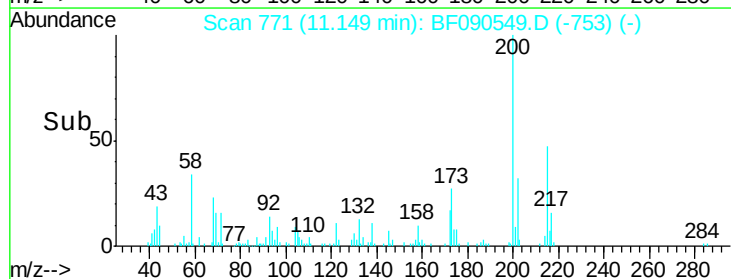
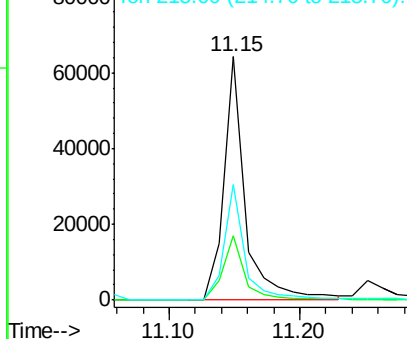


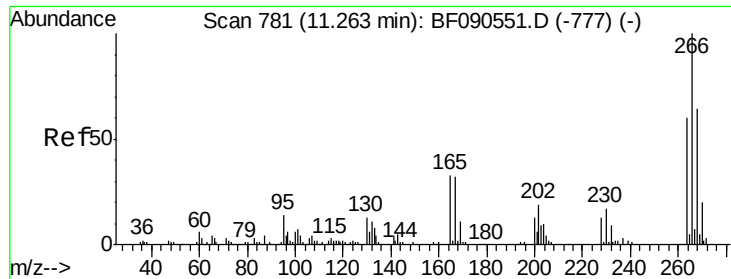
#68  
Atrazine  
Concen: 9.39 ng  
RT: 11.15 min Scan# 771  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion: 200 Resp: 73564  
Ion Ratio Lower Upper  
200 100  
173 26.6 12.0 52.0  
215 47.4 25.2 65.2



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

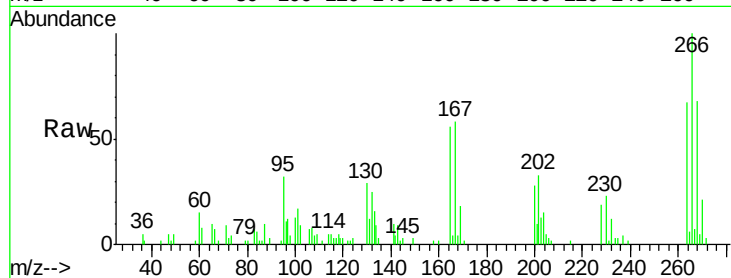




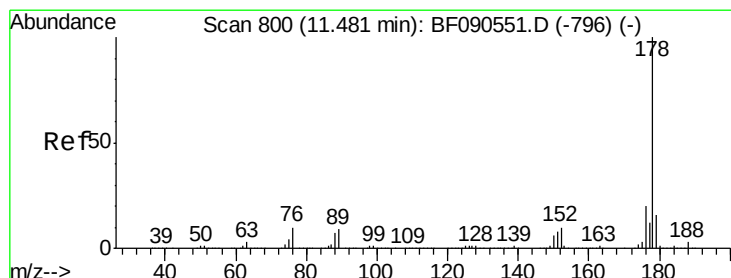
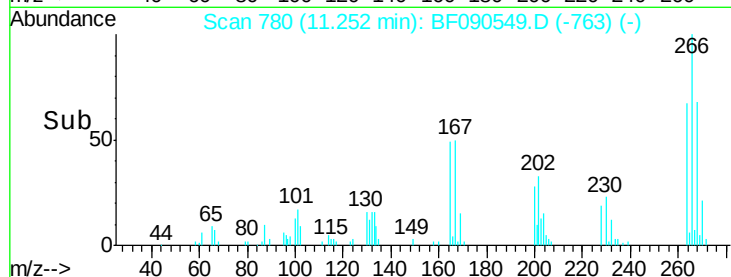
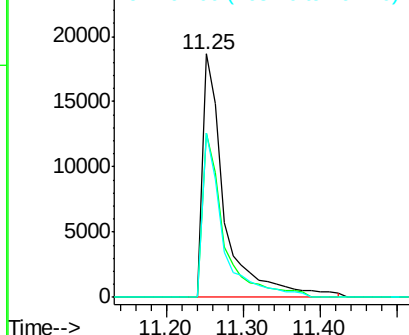
#69  
 Pentachlorophenol  
 Concen: 6.64 ng  
 RT: 11.25 min Scan# 780  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion: 266 Resp: 37075  
 Ion Ratio Lower Upper  
 266 100  
 268 67.5 51.5 77.3  
 264 67.5 47.9 71.9

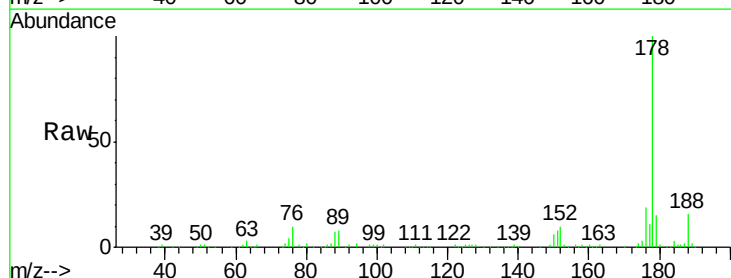


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

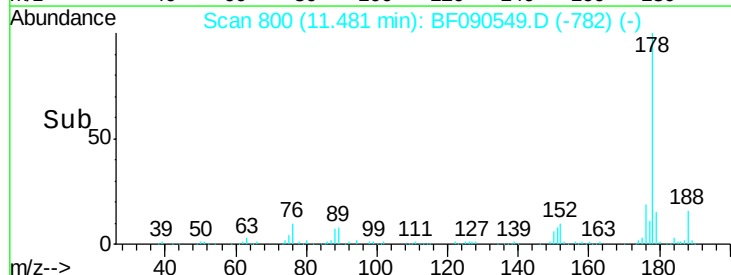
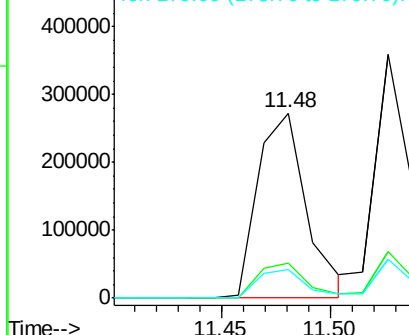


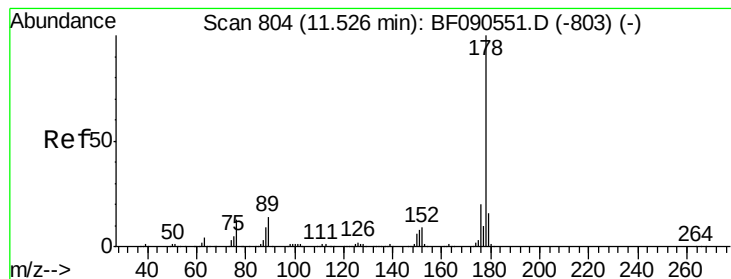
#70  
 Phenanthrene  
 Concen: 9.99 ng  
 RT: 11.48 min Scan# 800  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion: 178 Resp: 426758  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 16.1 24.1  
 179 15.3 12.6 19.0



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: 10.92 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

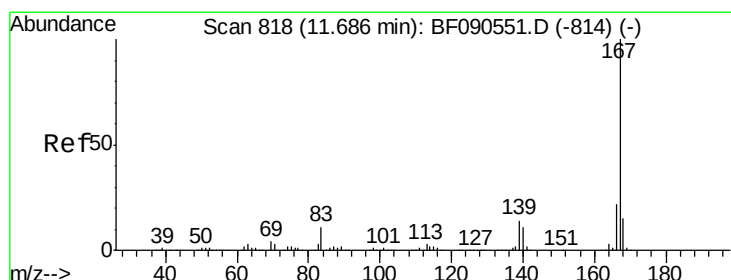
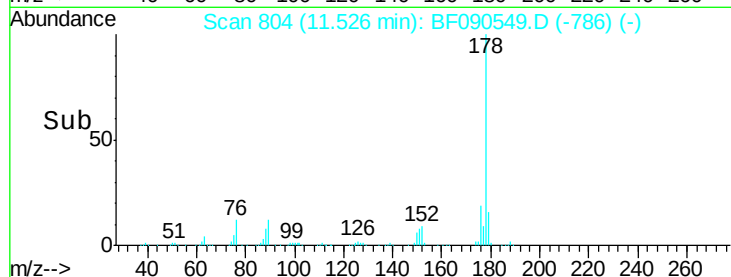
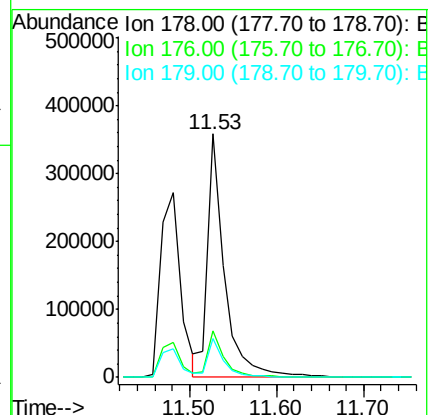
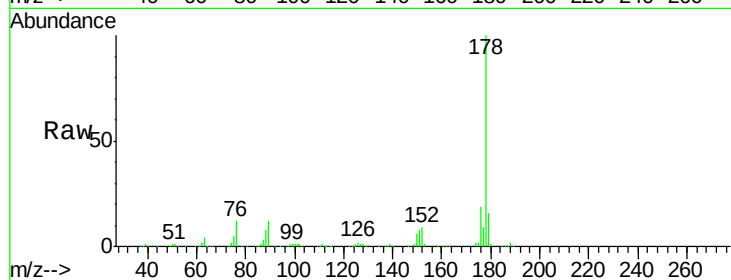
Tgt Ion:178 Resp: 482108

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.8 13.0 19.4



#72

Carbazole

Concen: 10.35 ng

RT: 11.69 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

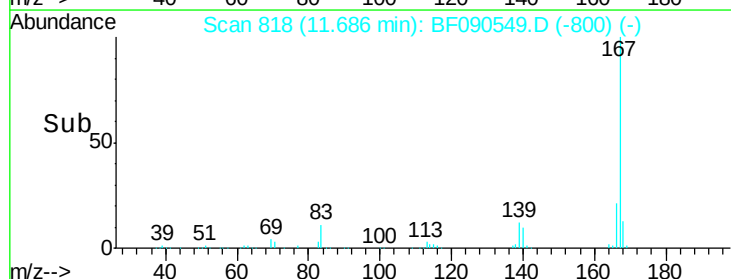
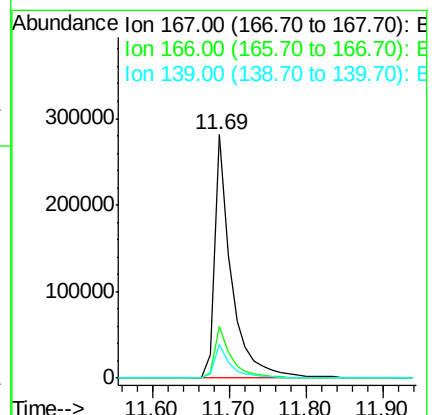
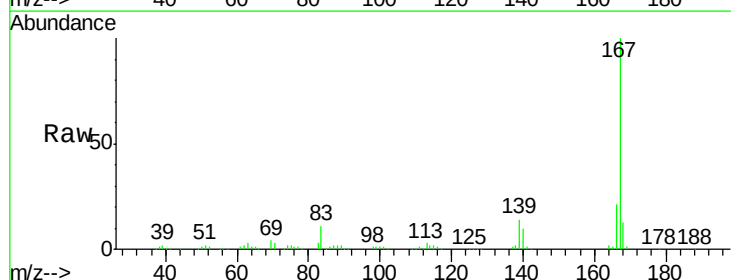
Tgt Ion:167 Resp: 423434

Ion Ratio Lower Upper

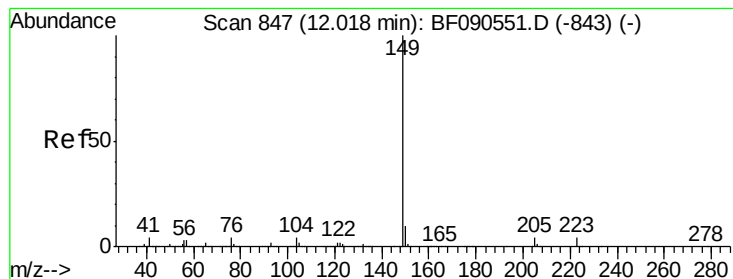
167 100

166 21.4 17.8 26.8

139 13.6 11.3 16.9







#73

Di-n-butylphthalate

Concen: 9.90 ng

RT: 12.01 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

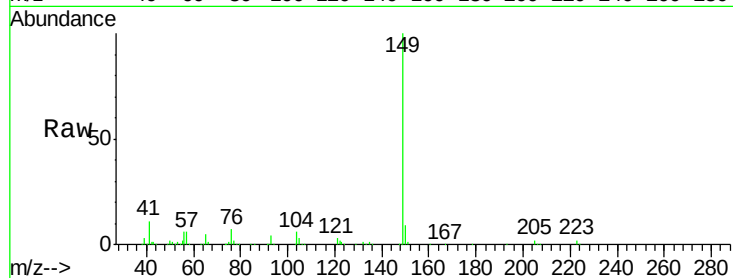
Tgt Ion:149 Resp: 488129

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

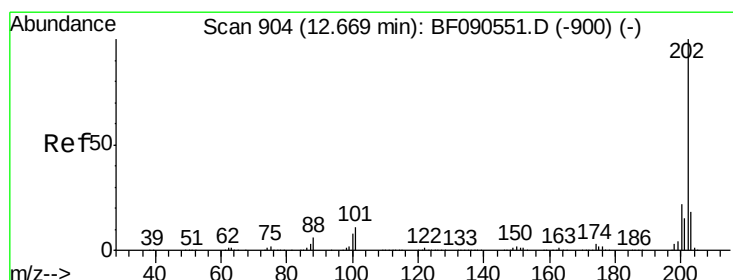
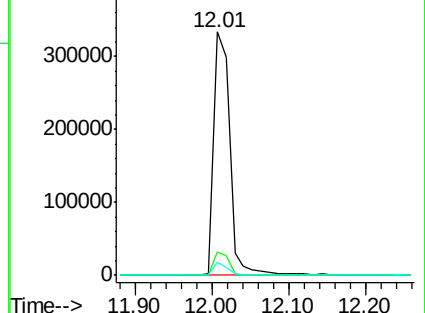
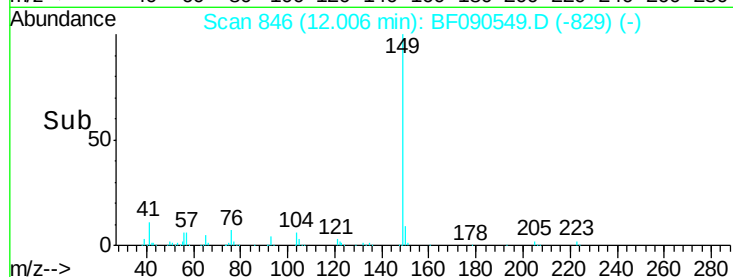
104 5.6 3.3 4.9#



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: 9.77 ng

RT: 12.66 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

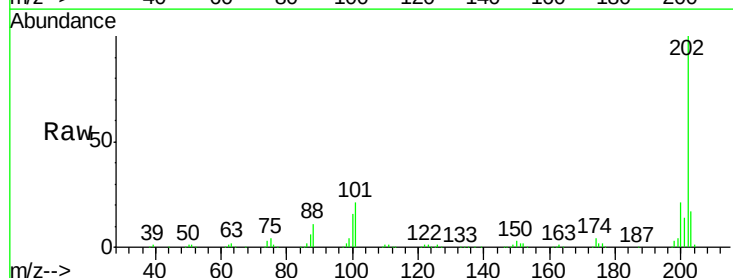
Tgt Ion:202 Resp: 426145

Ion Ratio Lower Upper

202 100

101 21.2 0.0 31.1

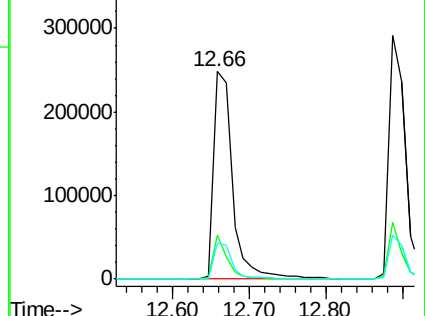
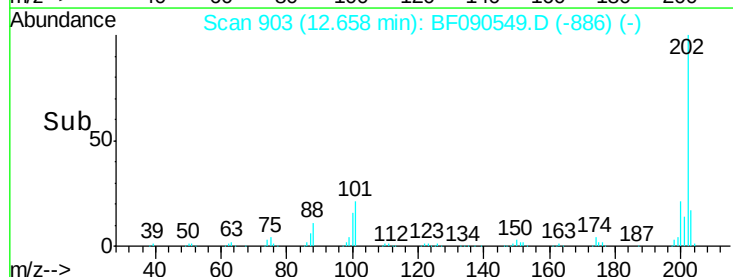
203 17.5 0.0 38.0

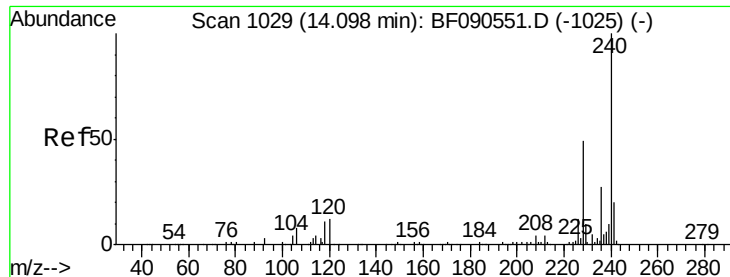


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

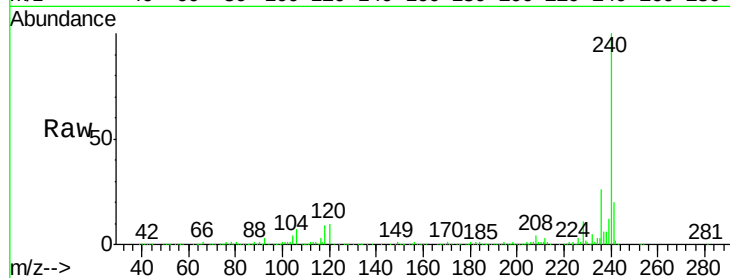
Tgt Ion:240 Resp: 633593

Ion Ratio Lower Upper

240 100

120 10.3 9.8 14.8

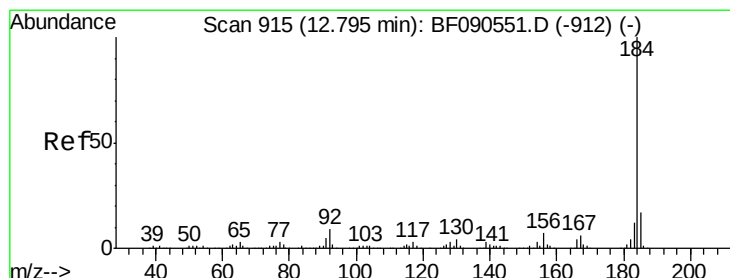
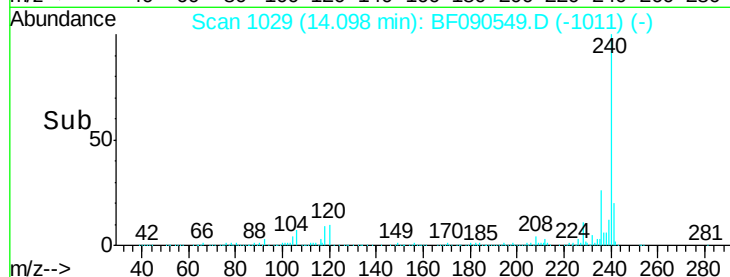
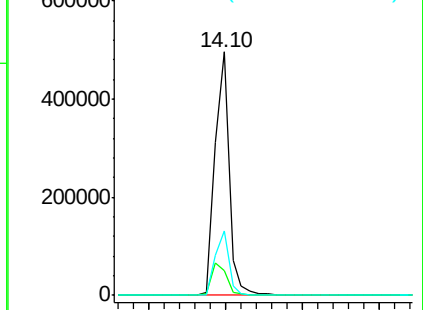
236 26.4 21.7 32.5



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: 8.28 ng

RT: 12.80 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

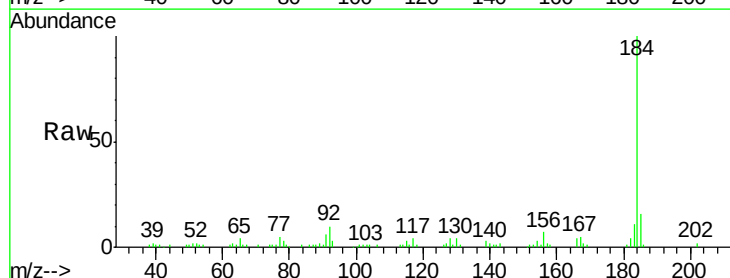
Tgt Ion:184 Resp: 163802

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

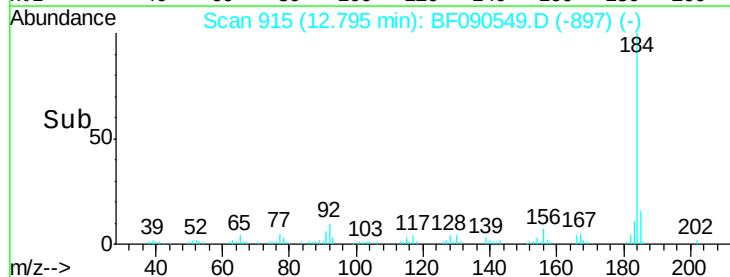
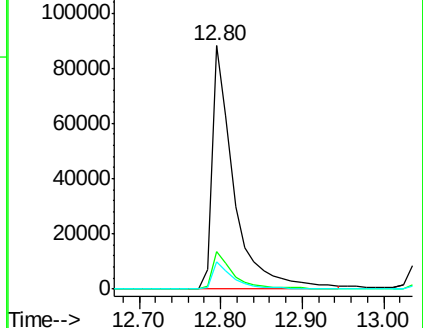
183 11.1 9.4 14.0

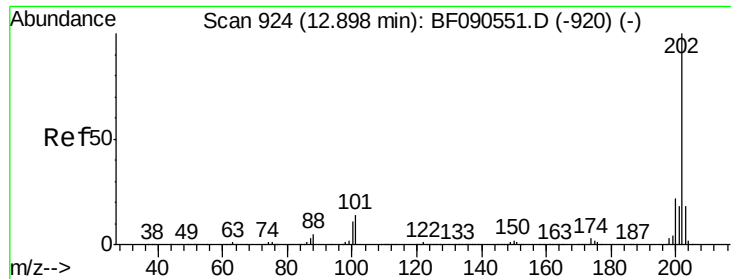


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

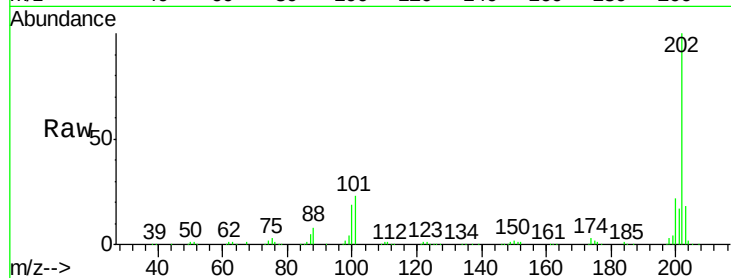




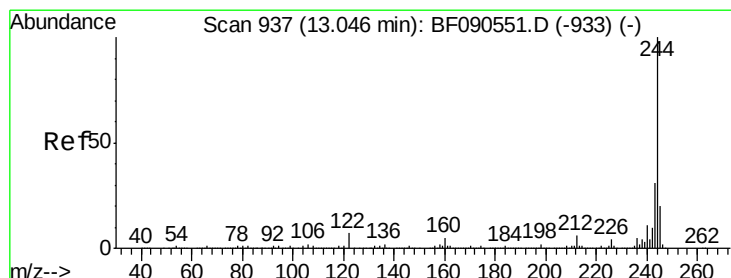
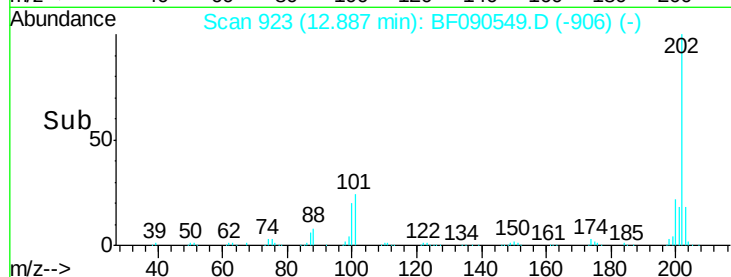
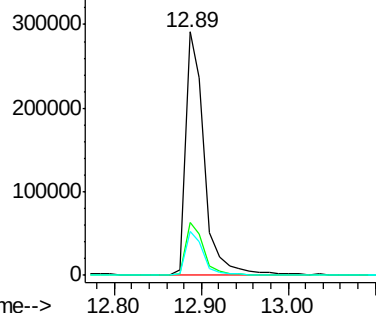
#77  
 Pyrene  
 Concen: 10.94 ng  
 RT: 12.89 min Scan# 923  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 17.8  | 26.6  |
| 203     | 18.0  | 14.6  | 21.8  |

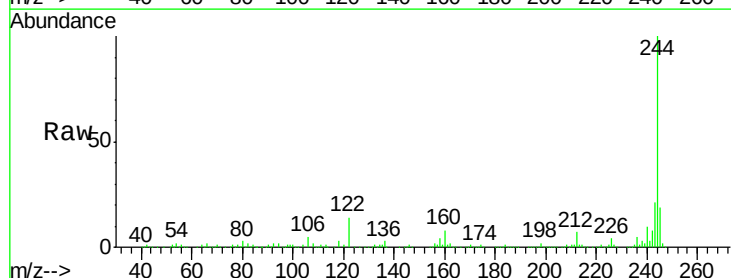


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

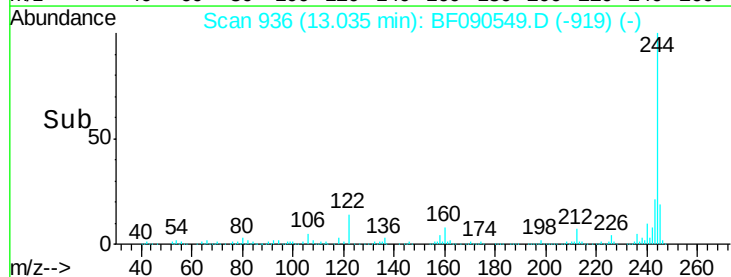
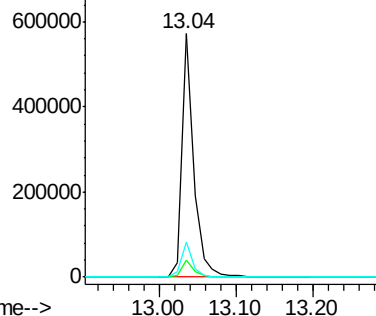


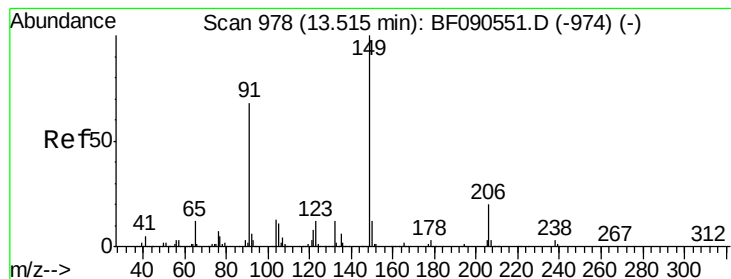
#78  
 Terphenyl-d14  
 Concen: 23.26 ng  
 RT: 13.04 min Scan# 936  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.0   | 7.4   |
| 122     | 14.1  | 5.6   | 8.4   |



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: 9.81 ng

RT: 13.52 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

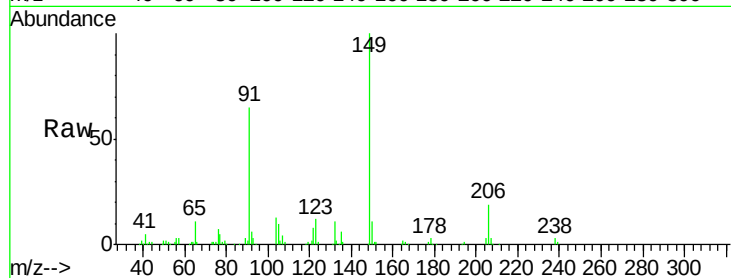
Tgt Ion:149 Resp: 183638

Ion Ratio Lower Upper

149 100

91 65.4 54.3 81.5

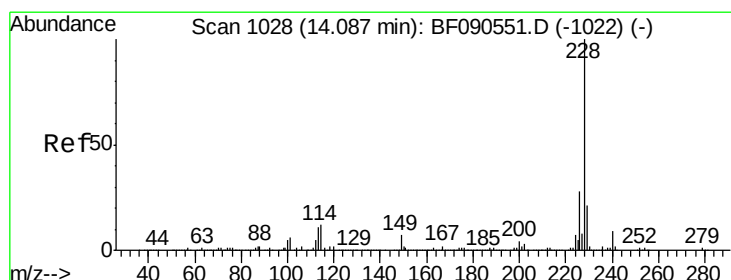
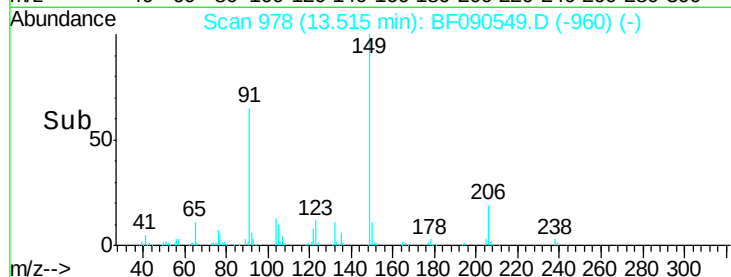
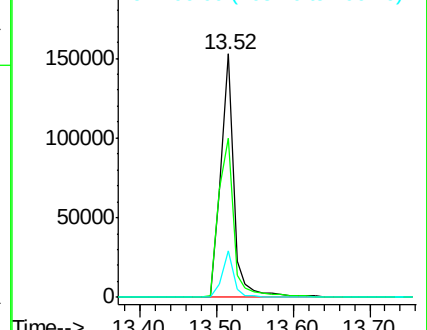
206 19.3 15.8 23.6



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: 9.82 ng

RT: 14.09 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF090549.D

Acq: 13 Oct 2016 18:51

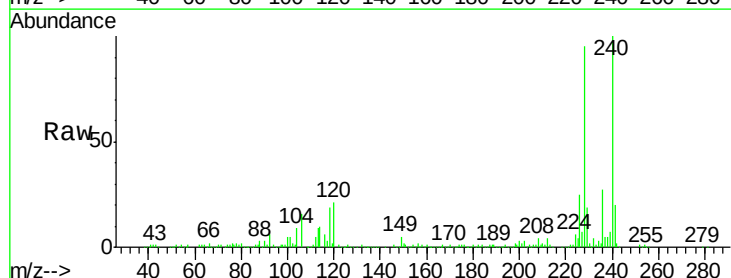
Tgt Ion:228 Resp: 373671

Ion Ratio Lower Upper

228 100

226 26.5 22.8 34.2

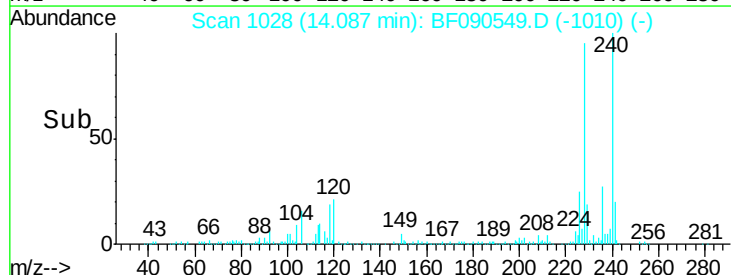
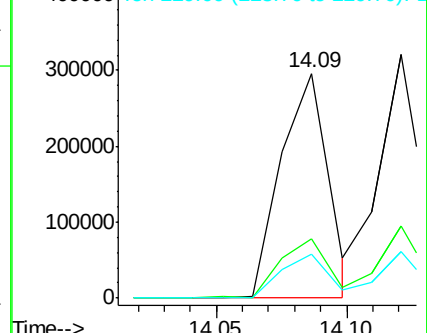
229 19.7 16.6 25.0

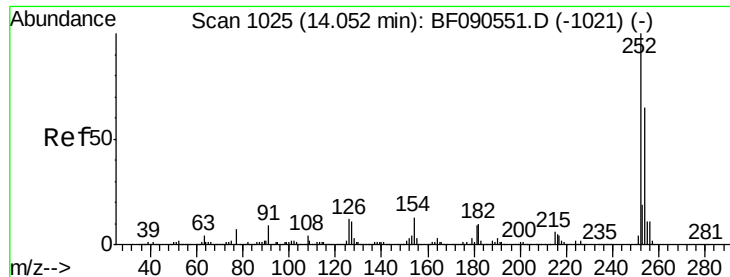


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

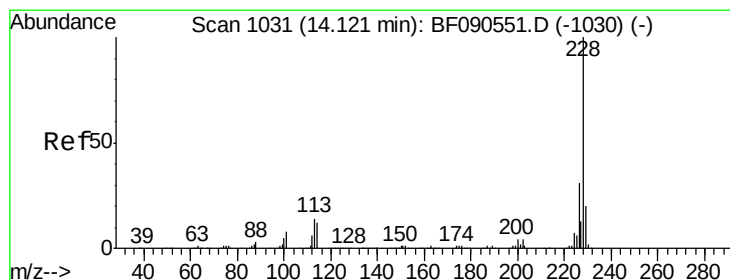
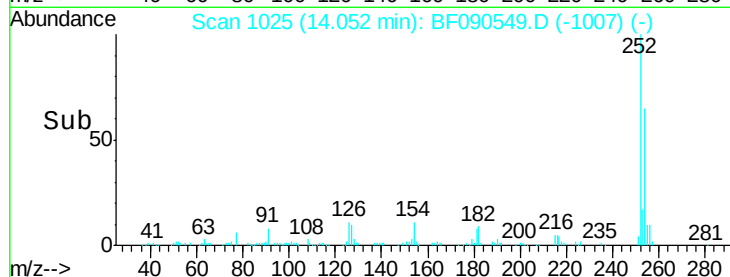
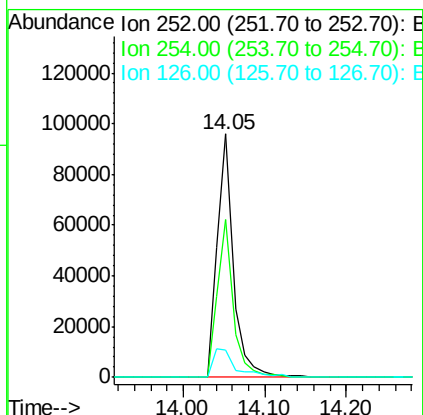
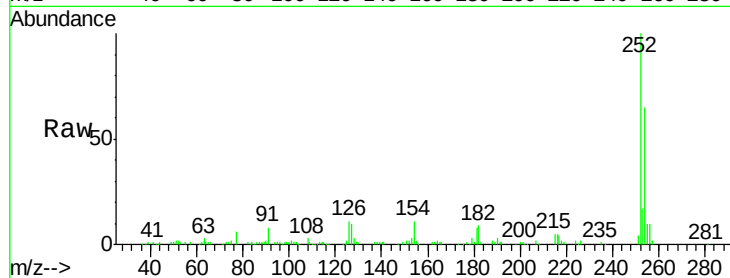




#81  
 3,3'-Dichlorobenzidine  
 Concen: 9.95 ng  
 RT: 14.05 min Scan# 1025  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

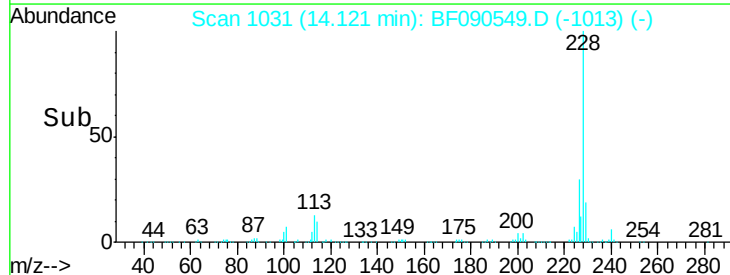
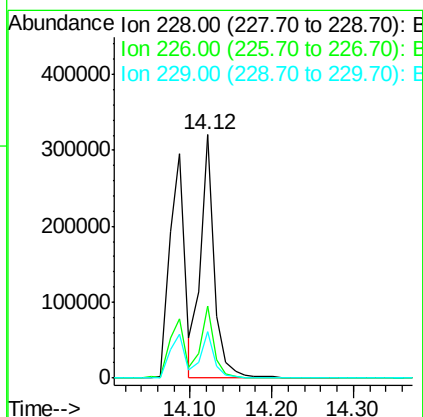
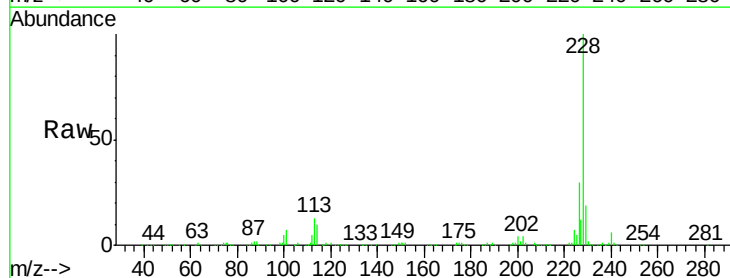
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

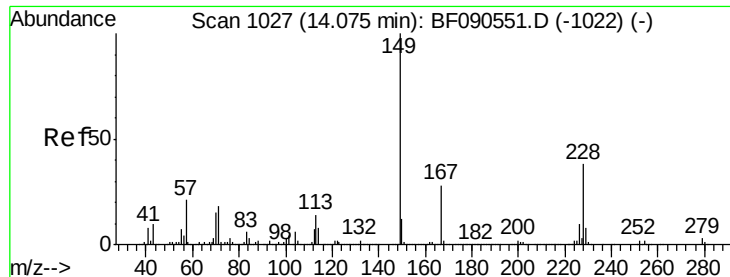
Tgt Ion:252 Resp: 132984  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 52.1 78.1  
 126 11.0 9.3 13.9



#82  
 Chrysene  
 Concen: 10.92 ng  
 RT: 14.12 min Scan# 1031  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:228 Resp: 382386  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 24.8 37.2  
 229 19.1 16.2 24.4

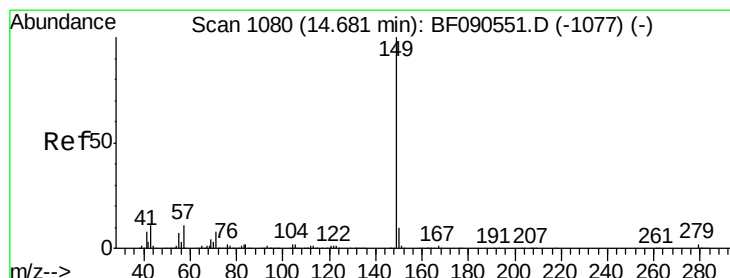
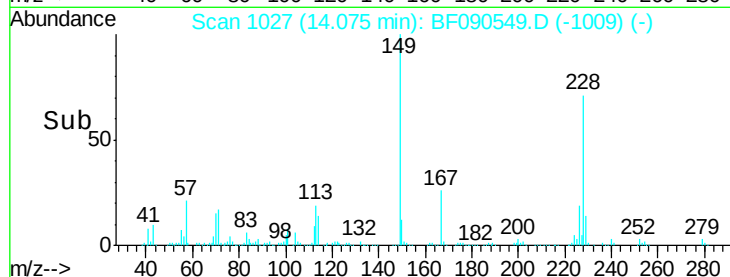
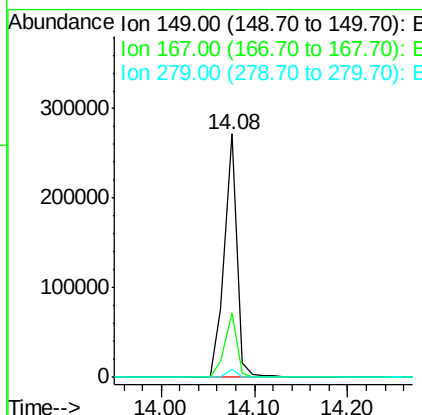
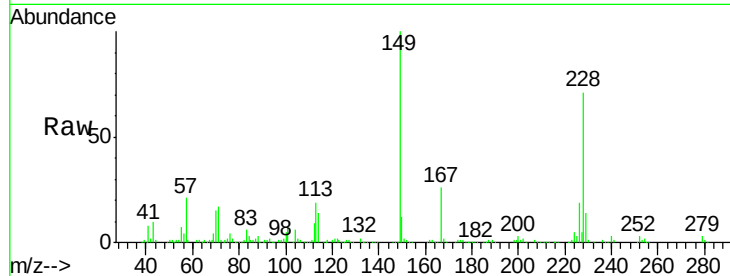




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 9.52 ng  
 RT: 14.08 min Scan# 1027  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

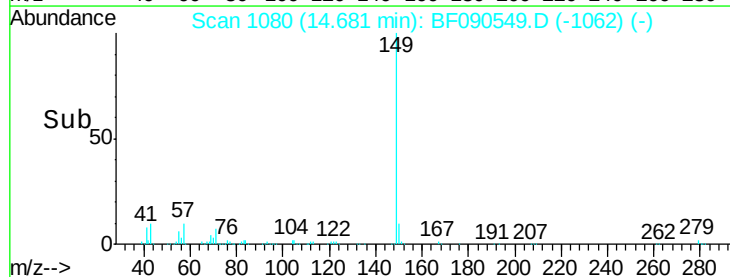
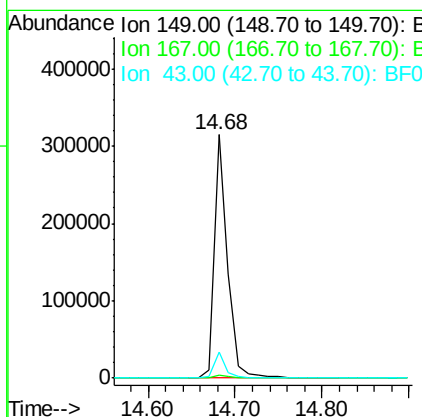
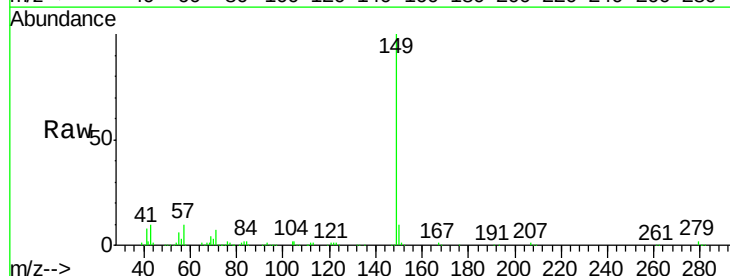
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

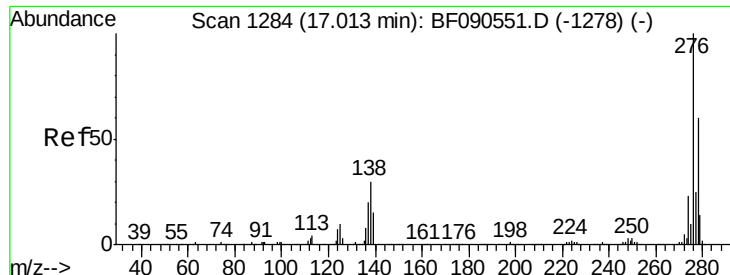
Tgt Ion:149 Resp: 257260  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 22.1 33.1  
 279 3.5 2.6 4.0



#84  
 Di-n-octyl phthalate  
 Concen: 8.30 ng  
 RT: 14.68 min Scan# 1080  
 Delta R.T. 0.00 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion:149 Resp: 337852  
 Ion Ratio Lower Upper  
 149 100  
 167 1.3 1.2 1.8  
 43 9.2 6.7 10.1

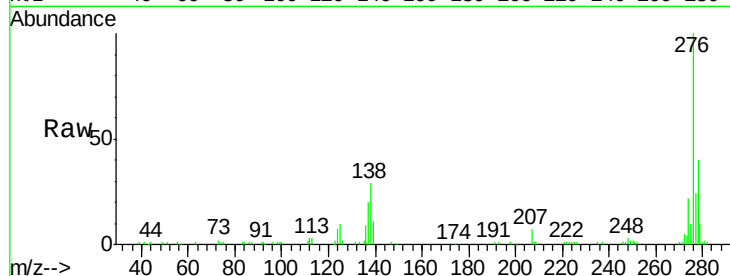




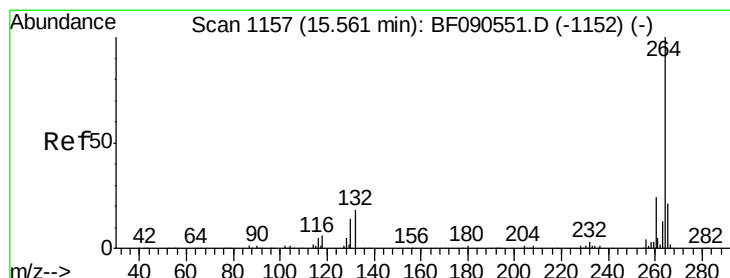
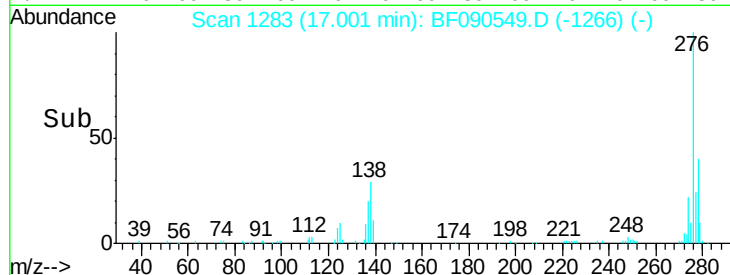
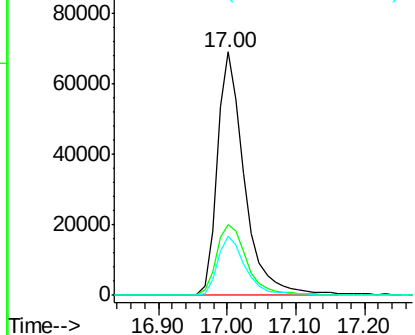
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 6.83 ng  
 RT: 17.00 min Scan# 1283  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion: 276 Resp: 191716  
 Ion Ratio Lower Upper  
 276 100  
 138 32.7 25.8 38.6  
 277 24.6 20.1 30.1

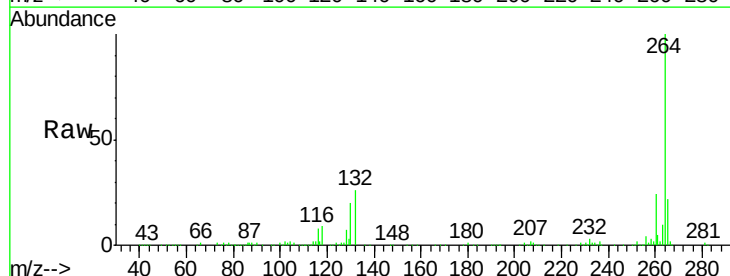


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

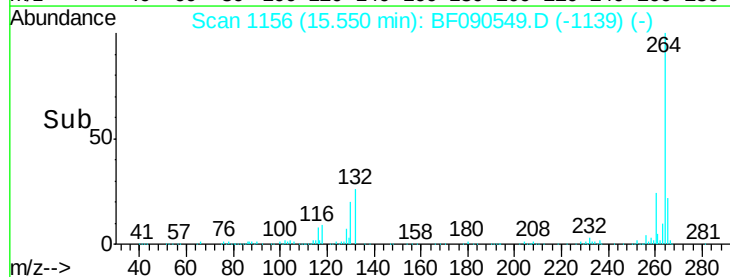
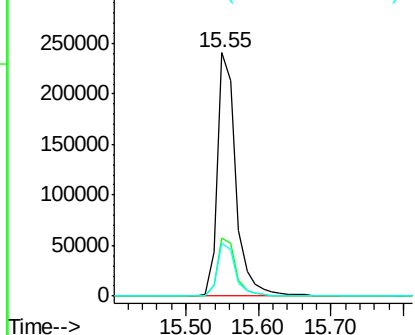


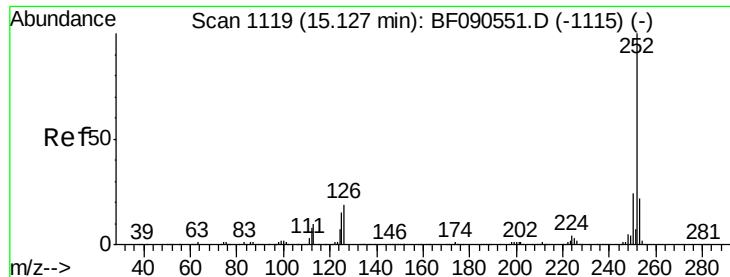
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.55 min Scan# 1156  
 Delta R.T. -0.01 min  
 Lab File: BF090549.D  
 Acq: 13 Oct 2016 18:51

Tgt Ion: 264 Resp: 424935  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.3 28.9  
 265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

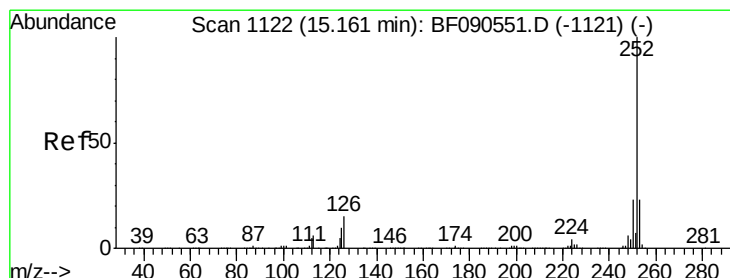
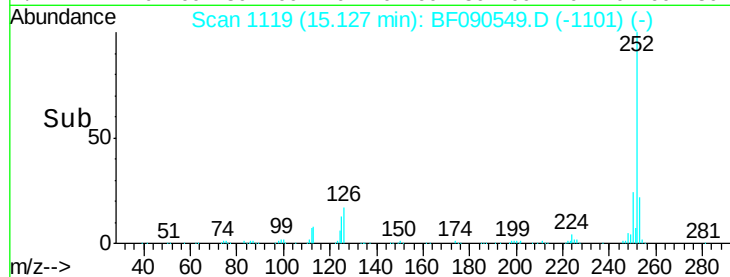
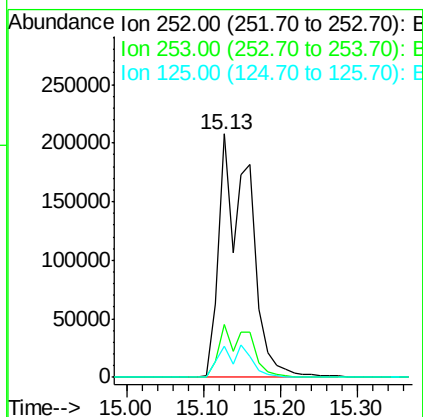
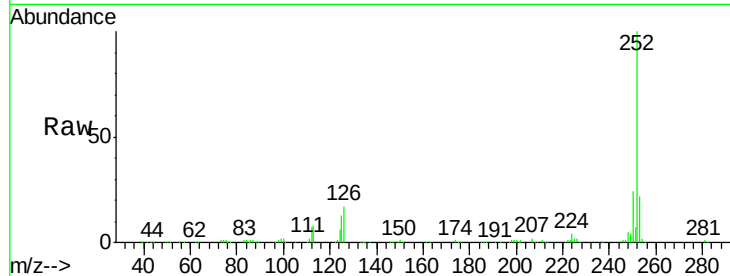




#87  
Benzo(b)fluoranthene  
Concen: 20.52 ng  
RT: 15.13 min Scan# 1119  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

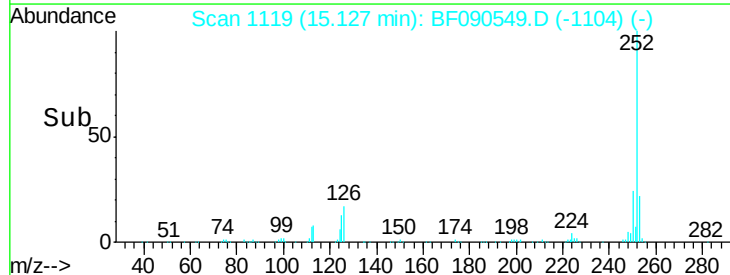
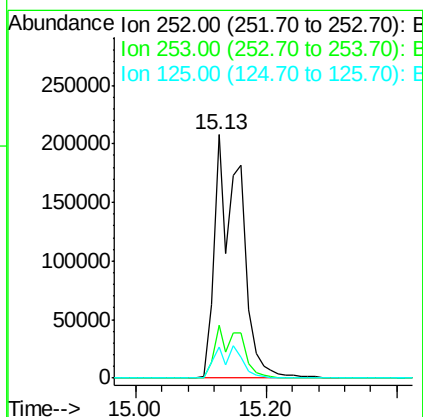
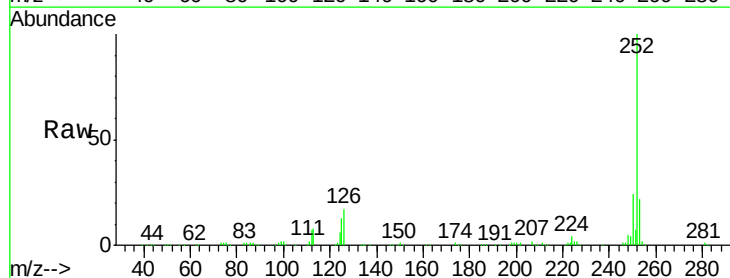
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:252 Resp: 577878  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 12.7 12.0 18.0

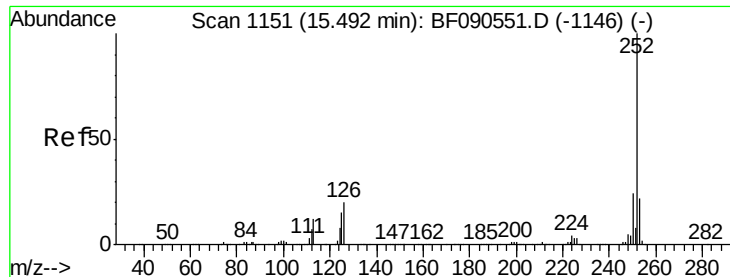


#88  
Benzo(k)fluoranthene  
Concen: 22.68 ng  
RT: 15.13 min Scan# 1119  
Delta R.T. -0.03 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion:252 Resp: 579226  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 12.7 10.0 15.0



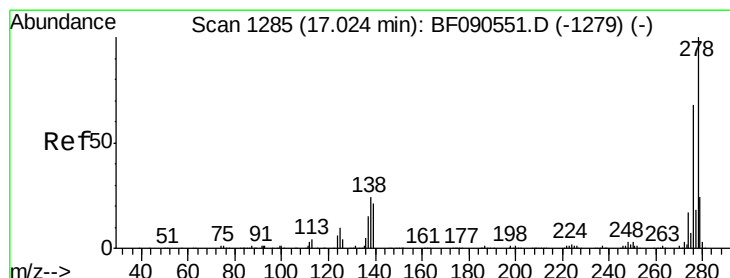
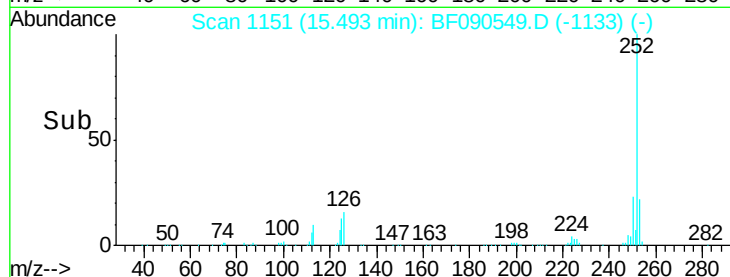
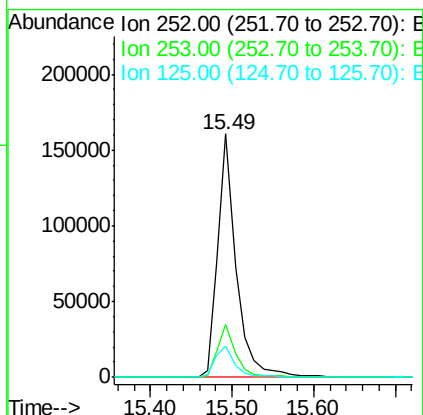
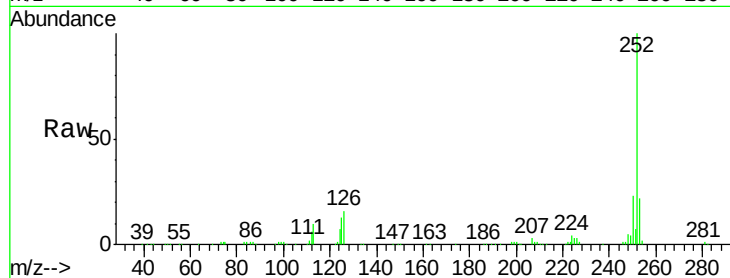




#89  
Benzo(a)pyrene  
Concen: 10.34 ng  
RT: 15.49 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

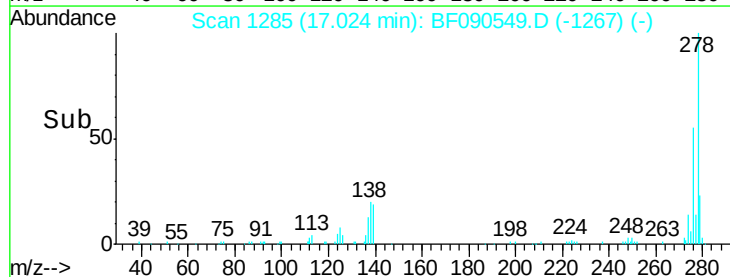
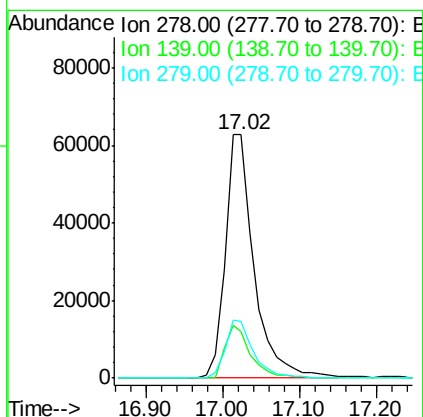
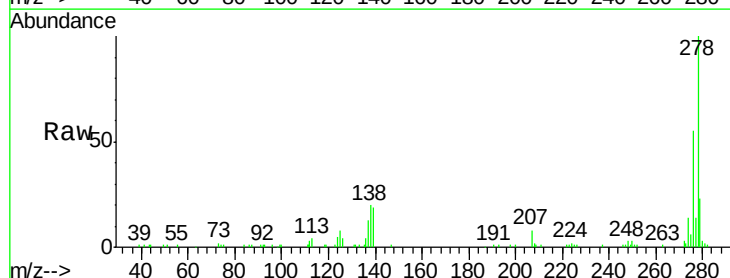
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

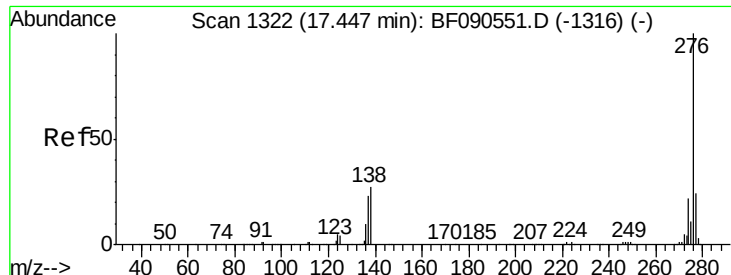
Tgt Ion: 252 Resp: 254594  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 12.8 12.3 18.5



#90  
Dibenzo(a,h)anthracene  
Concen: 8.01 ng  
RT: 17.02 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BF090549.D  
Acq: 13 Oct 2016 18:51

Tgt Ion: 278 Resp: 165484  
Ion Ratio Lower Upper  
278 100  
139 19.1 16.6 25.0  
279 23.3 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 8.42 ng

RT: 17.44 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF090549.D

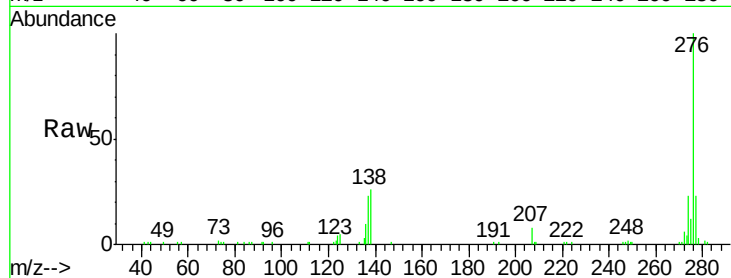
Acq: 13 Oct 2016 18:51

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 162190 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.1  | 18.8  | 28.2   |
| 138      | 25.6  | 21.8  | 32.8   |

