

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030816\  
 Data File : BF085283.D  
 Acq On : 9 Mar 2016 4:11  
 Operator : UM/SJ  
 Sample : H1703-08MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Quant Time: Mar 09 04:37:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:54:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 172074   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.25  | 136  | 667403   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 276404   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.49 | 188  | 487923   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.13 | 240  | 327353   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.59 | 264  | 307302   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.58  | 112 | 1217809 | 118.71 | ng | 0.00  |
| 7) Phenol-d6                | 6.60  | 99  | 1661168 | 123.60 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.53  | 82  | 1180880 | 94.68  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330 | 349995  | 147.98 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.33  | 172 | 1612712 | 88.73  | ng | -0.02 |
| 78) Terphenyl-d14           | 13.08 | 244 | 1168788 | 82.88  | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.73 | 88  | 188757  | 35.98  | ng | 98   |
| 3) Pyridine                    | 3.50 | 79  | 521483  | 39.72  | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.45 | 42  | 232986  | 41.46  | ng | 95   |
| 6) Aniline                     | 6.63 | 93  | 409944  | 21.76  | ng | 94   |
| 8) 2-Chlorophenol              | 6.74 | 128 | 512880  | 41.53  | ng | 89   |
| 9) Benzaldehyde                | 6.50 | 77  | 152928  | 21.05  | ng | 96   |
| 10) Phenol                     | 6.61 | 94  | 686579  | 47.70  | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 512105  | 42.83  | ng | 97   |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 571144  | 43.07  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 571144  | 42.98  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 515999  | 42.80  | ng | 98   |
| 15) Benzyl Alcohol             | 7.10 | 79  | 463139  | 46.94  | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 681973  | 39.57  | ng | 99   |
| 17) 2-Methylphenol             | 7.21 | 107 | 435249  | 43.19  | ng | 97   |
| 18) Hexachloroethane           | 7.48 | 117 | 205430  | 41.90  | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70  | 388629  | 44.37  | ng | 98   |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 540590  | 45.29  | ng | # 65 |
| 22) Acetophenone               | 7.37 | 105 | 672044  | 41.25  | ng | 97   |
| 24) Nitrobenzene               | 7.54 | 77  | 518600  | 40.93  | ng | 100  |
| 25) Isophorone                 | 7.78 | 82  | 1016823 | 43.99  | ng | 99   |
| 26) 2-Nitrophenol              | 7.86 | 139 | 299233  | 48.53  | ng | # 85 |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 516509  | 45.84  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 612432  | 47.58  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 434852  | 47.85  | ng | 93   |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 439972  | 44.78  | ng | 99   |
| 31) Naphthalene                | 8.28 | 128 | 1523050 | 46.41  | ng | 98   |
| 32) Benzoic acid               | 7.96 | 122 | 25545   | 3.41   | ng | 95   |
| 33) 4-Chloroaniline            | 8.31 | 127 | 147769  | 11.13  | ng | 98   |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 246810  | 48.28  | ng | 98   |
| 35) Caprolactam                | 8.72 | 113 | 28576   | 9.63   | ng | 91   |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 486039  | 47.15  | ng | 93   |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 951265  | 45.17  | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 393750  | 49.81  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237 | 336279  | 78.87  | ng | 98   |

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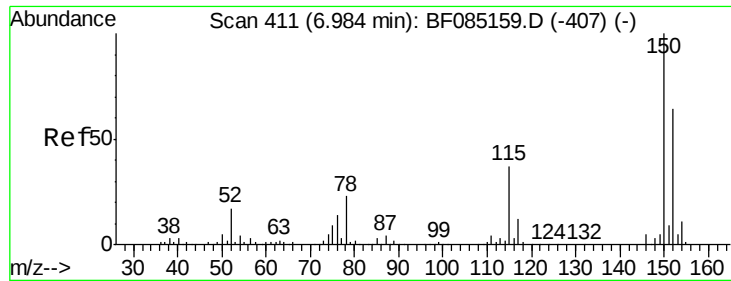
Instrument :  
 BNA\_F  
 ClientSampleId :  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 279114   | 47.43  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 295841   | 53.03  | ng    | 96       |
| 45) 1,1'-Biphenyl              | 9.43  | 154  | 1161926  | 49.20  | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 884374   | 49.13  | ng    | 96       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 276286   | 49.53  | ng    | 90       |
| 48) Acenaphthylene             | 9.86  | 152  | 1275077  | 45.51  | ng    | 99       |
| 49) Dimethylphthalate          | 9.73  | 163  | 1224857  | 57.73  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.78  | 165  | 200788   | 44.24  | ng    | # 85     |
| 51) Acenaphthene               | 10.04 | 154  | 843068   | 49.56  | ng    | 98       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 156344   | 28.79  | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 10.06 | 184  | 75113    | 37.37  | ng    | # 44     |
| 54) Dibenzofuran               | 10.21 | 168  | 1078998  | 48.42  | ng    | 98       |
| 55) 4-Nitrophenol              | 10.12 | 139  | 393721   | 92.27  | ng    | 93       |
| 56) 2,4-Dinitrotoluene         | 10.18 | 165  | 286561   | 49.34  | ng    | # 85     |
| 57) Fluorene                   | 10.55 | 166  | 828413   | 47.32  | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 196843   | 50.22  | ng    | 98       |
| 59) Diethylphthalate           | 10.42 | 149  | 965210   | 46.88  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 381332   | 44.77  | ng    | 89       |
| 61) 4-Nitroaniline             | 10.56 | 138  | 208477   | 41.05  | ng    | 99       |
| 62) Azobenzene                 | 10.70 | 77   | 983723   | 48.50  | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 83119    | 28.45  | ng    | 77       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 801923   | 52.84  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 222262   | 46.91  | ng    | # 85     |
| 67) Hexachlorobenzene          | 11.10 | 284  | 230670   | 45.64  | ng    | # 83     |
| 68) Atrazine                   | 11.19 | 200  | 255203   | 60.47  | ng    | 98       |
| 69) Pentachlorophenol          | 11.29 | 266  | 241863   | 86.21  | ng    | 99       |
| 70) Phenanthrene               | 11.52 | 178  | 2307400  | 90.24  | ng    | 100      |
| 71) Anthracene                 | 11.57 | 178  | 1331857  | 49.06  | ng    | 99       |
| 72) Carbazole                  | 11.72 | 167  | 1006368  | 42.28  | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.05 | 149  | 1382515  | 45.95  | ng    | 99       |
| 74) Fluoranthene               | 12.71 | 202  | 2010855  | 78.36  | ng    | 95       |
| 76) Benzidine                  | 12.83 | 184  | 447331   | 45.91  | ng    | 98       |
| 77) Pyrene                     | 12.94 | 202  | 2008749  | 81.53  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 517614   | 46.30  | ng    | # 81     |
| 80) Benzo(a)anthracene         | 14.12 | 228  | 1191311  | 60.79  | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 151011   | 24.43  | ng    | 99       |
| 82) Chrysene                   | 14.15 | 228  | 853511   | 47.15  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 652005   | 44.32  | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 14.71 | 149  | 1095006  | 48.87  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 1051114  | 74.40  | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.17 | 252  | 1986270  | 96.97  | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.17 | 252  | 1986270  | 120.22 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.53 | 252  | 1020656  | 60.13  | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.23 | 278  | 29794    | 2.06   | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.51 | 276  | 881995   | 60.54  | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085283.D

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BNA\_F

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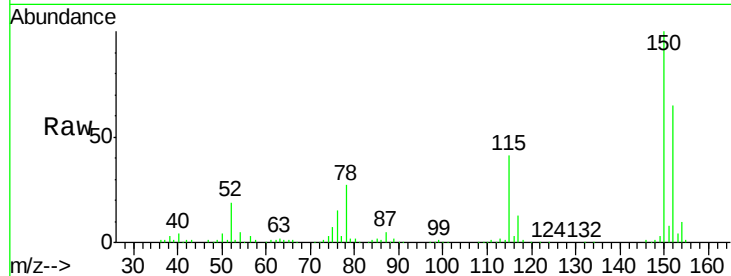
Tgt Ion:152 Resp: 172074

Ion Ratio Lower Upper

152 100

150 154.3 124.6 186.8

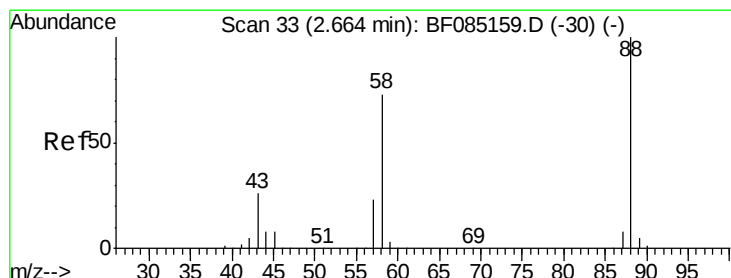
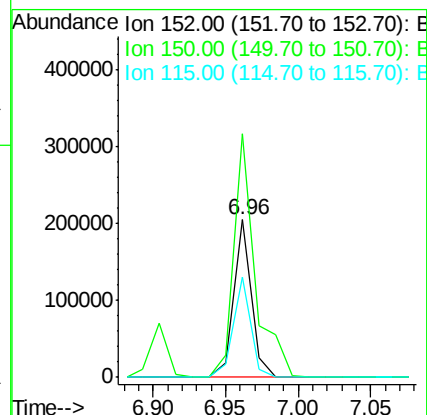
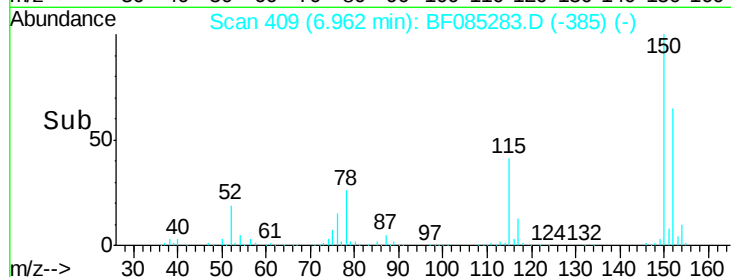
115 63.3 46.6 70.0



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: 35.98 ng

RT: 2.73 min Scan# 39

Delta R.T. 0.07 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

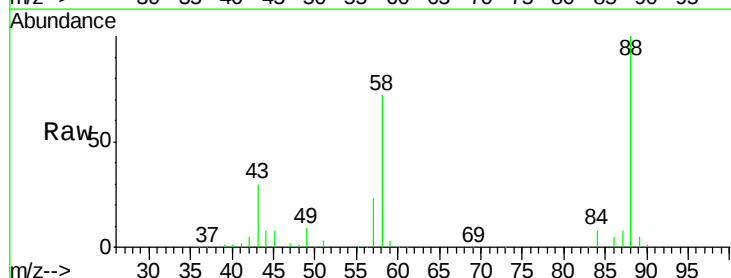
Tgt Ion: 88 Resp: 188757

Ion Ratio Lower Upper

88 100

58 70.1 57.0 85.6

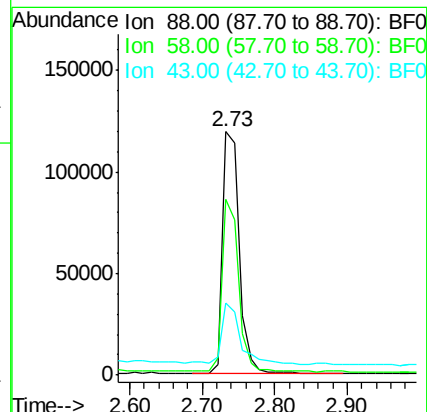
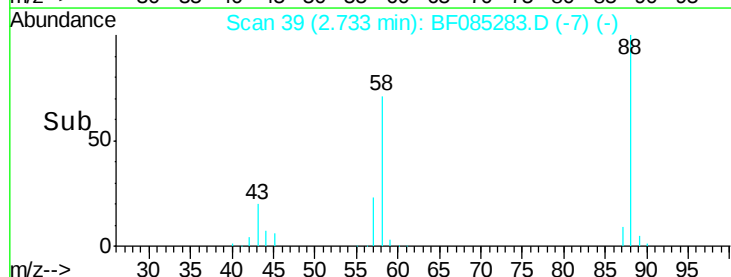
43 28.0 20.5 30.7

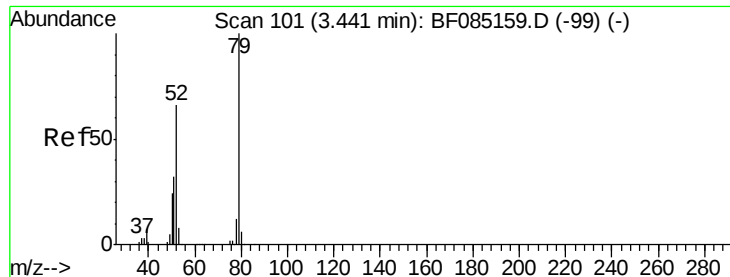


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.72 ng

RT: 3.50 min Scan# 106

Delta R.T. 0.06 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

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SB-41COMP(0.5-5.0)MS

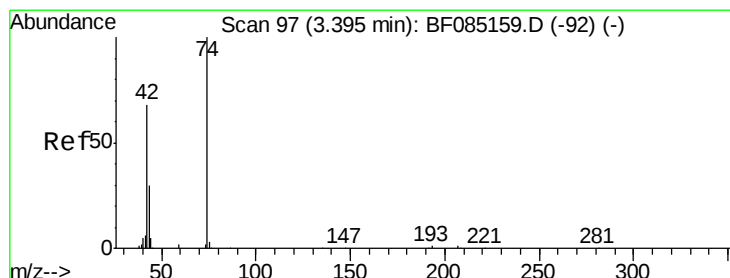
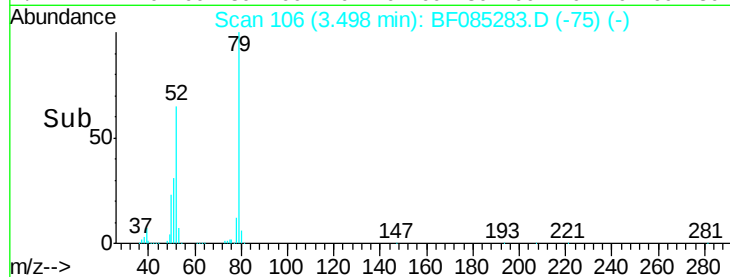
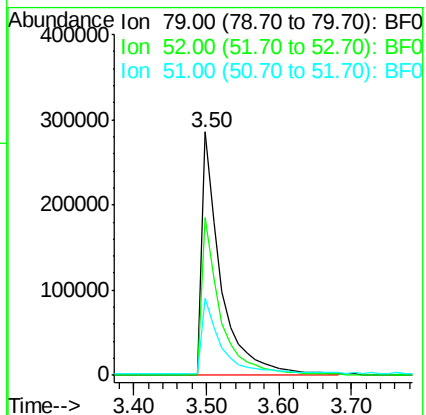
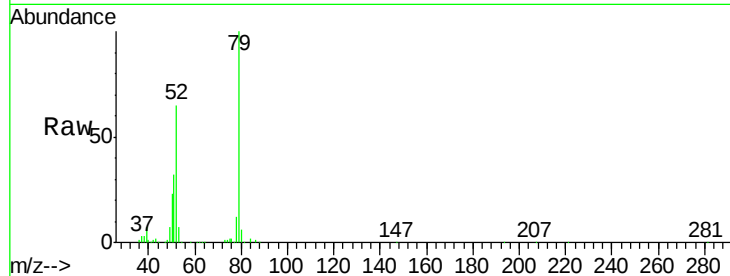
Tgt Ion: 79 Resp: 521483

Ion Ratio Lower Upper

79 100

52 64.7 52.6 79.0

51 31.6 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 41.46 ng

RT: 3.45 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

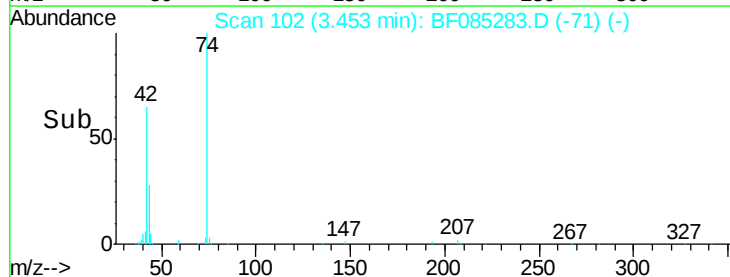
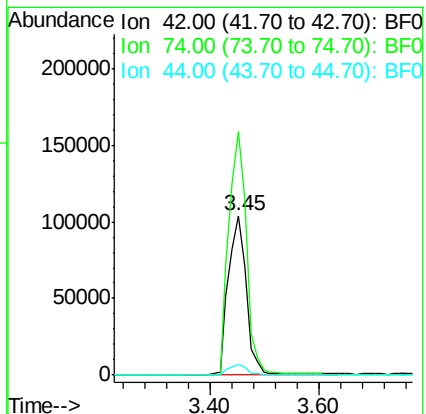
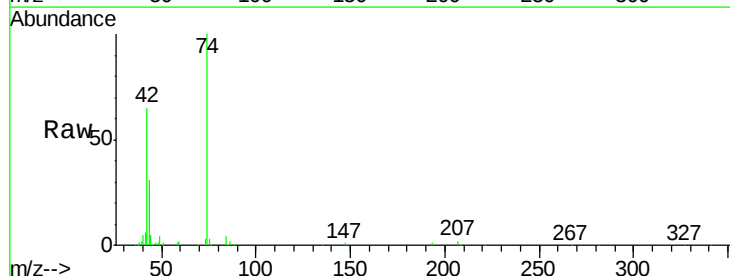
Tgt Ion: 42 Resp: 232986

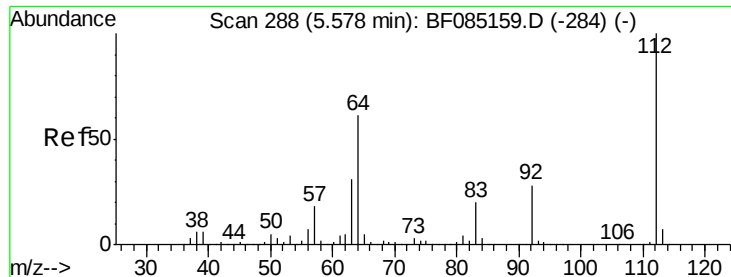
Ion Ratio Lower Upper

42 100

74 152.7 116.8 175.2

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 118.71 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

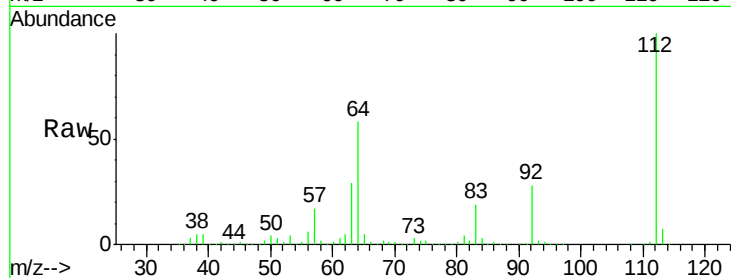
Tgt Ion: 112 Resp: 1217809

Ion Ratio Lower Upper

112 100

64 57.6 49.0 73.4

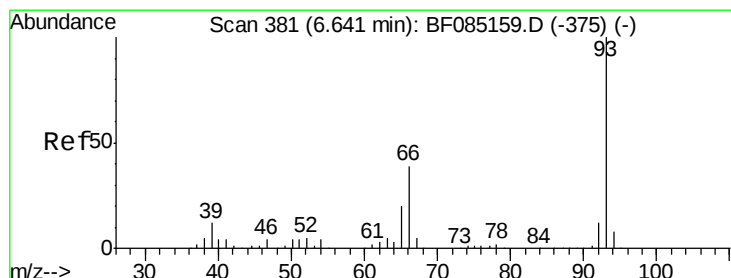
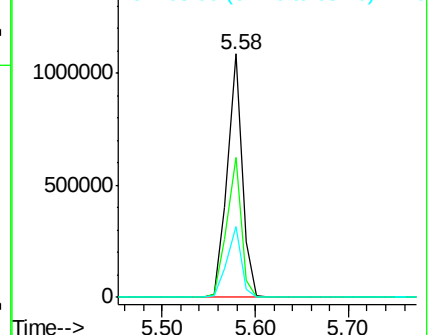
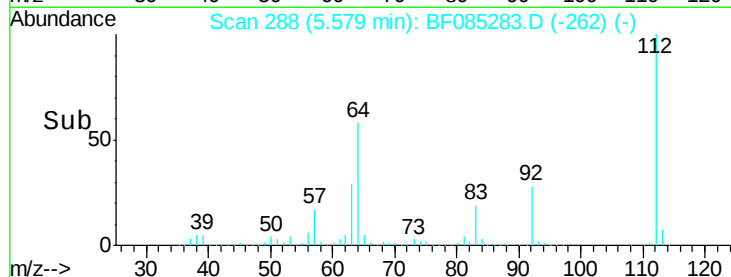
63 28.9 24.8 37.2



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: 21.76 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

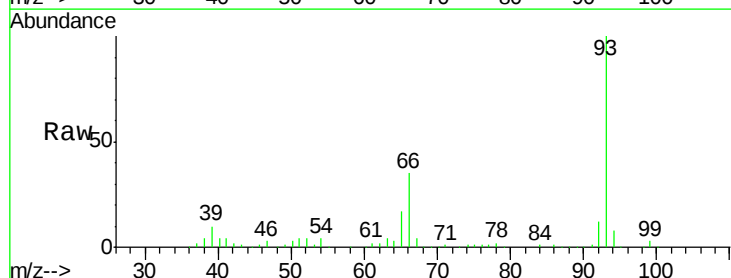
Tgt Ion: 93 Resp: 409944

Ion Ratio Lower Upper

93 100

66 35.4 31.6 47.4

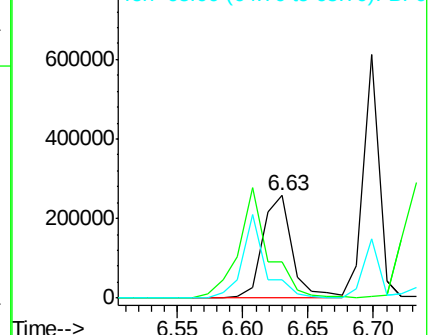
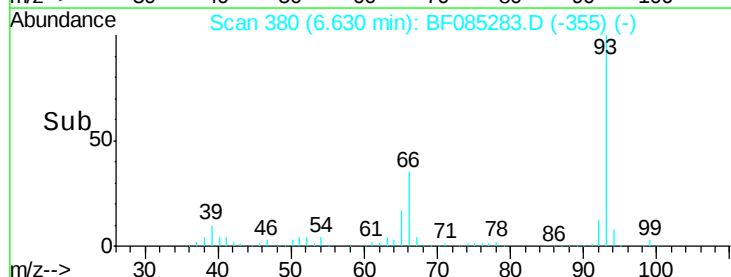
65 17.4 15.8 23.8



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: 123.60 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

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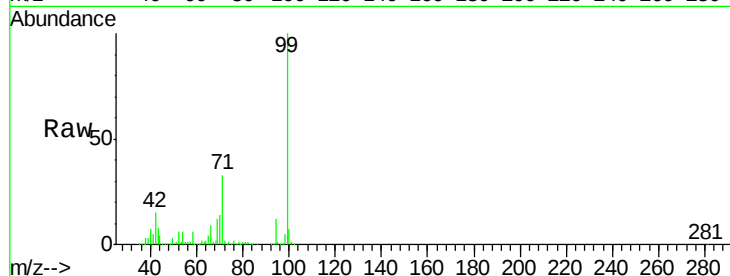
Tgt Ion: 99 Resp: 1661168

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

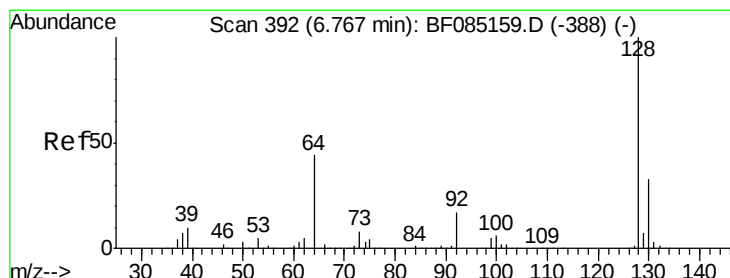
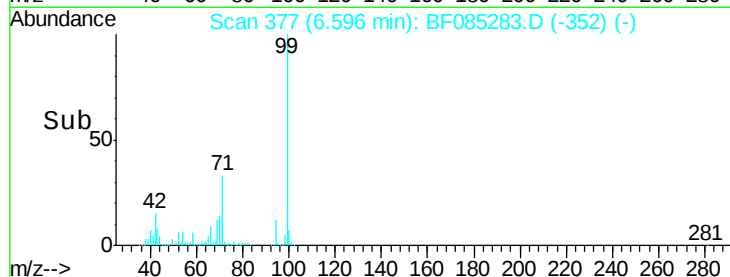
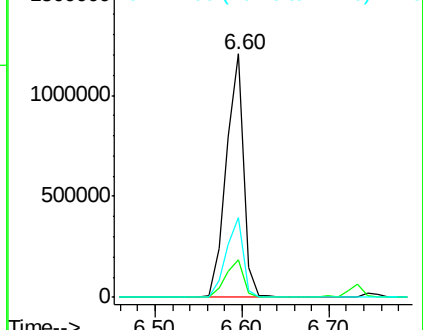
71 33.0 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.53 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

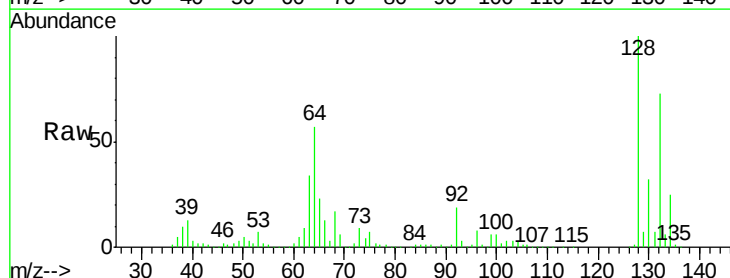
Tgt Ion: 128 Resp: 512880

Ion Ratio Lower Upper

128 100

130 31.6 13.3 53.3

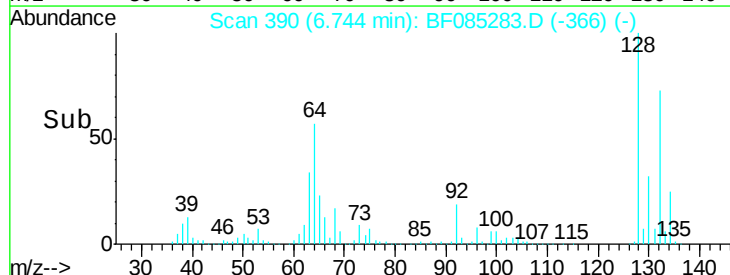
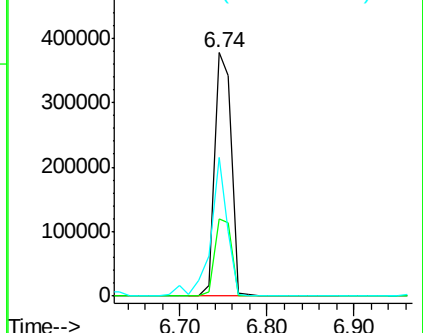
64 56.9 25.7 65.7

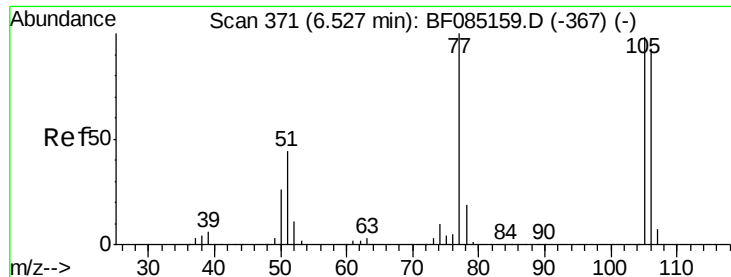


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.05 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

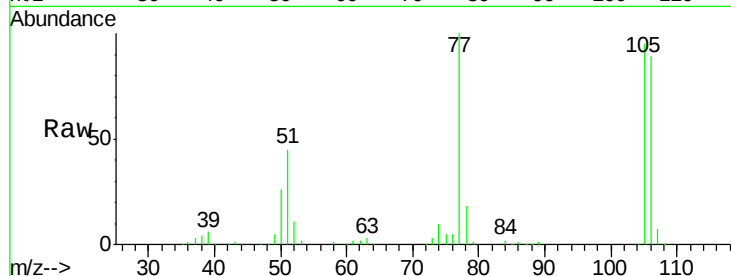
Tgt Ion: 77 Resp: 152928

Ion Ratio Lower Upper

77 100

105 94.8 78.2 118.2

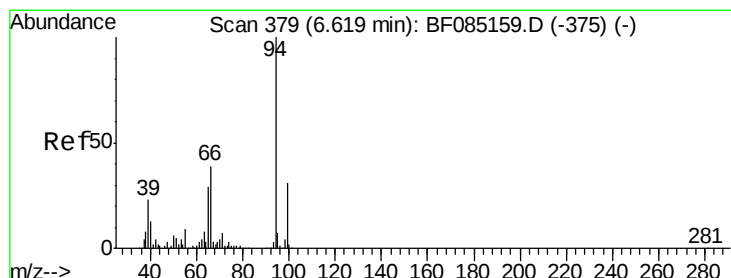
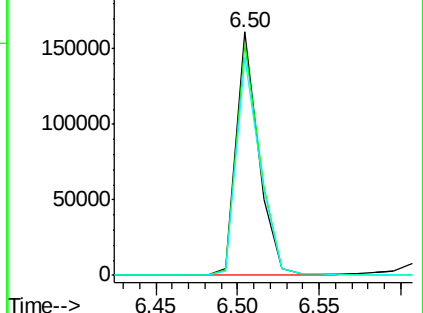
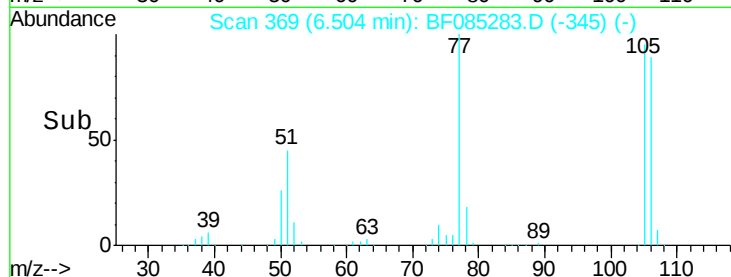
106 89.3 72.9 112.9



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: 47.70 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

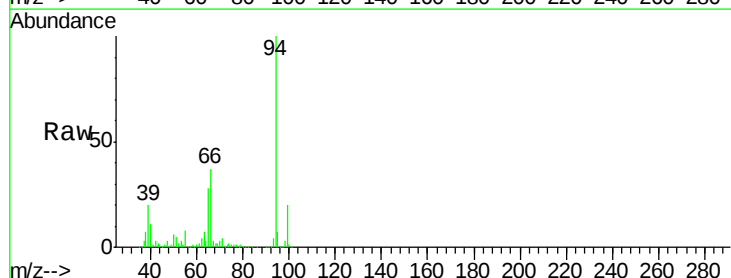
Tgt Ion: 94 Resp: 686579

Ion Ratio Lower Upper

94 100

65 27.9 9.1 49.1

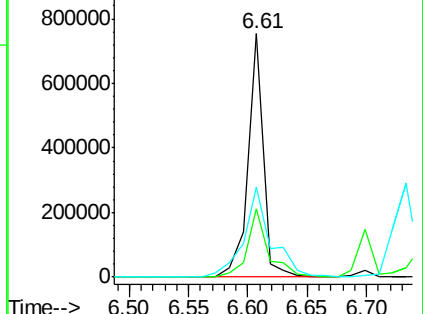
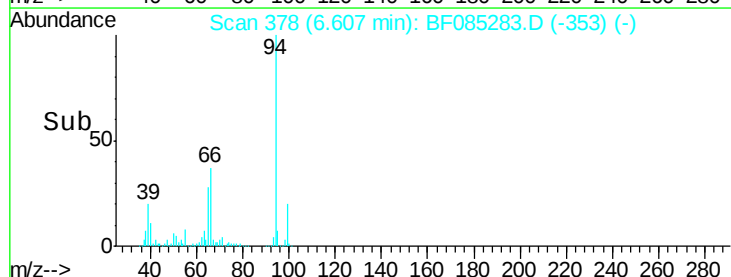
66 36.9 19.3 59.3

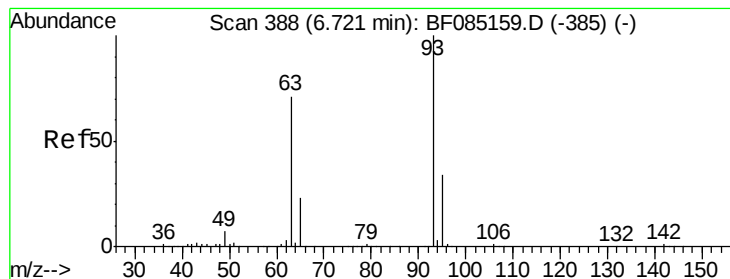


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.83 ng

RT: 6.70 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

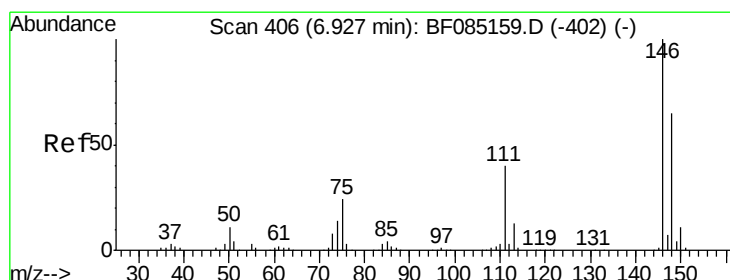
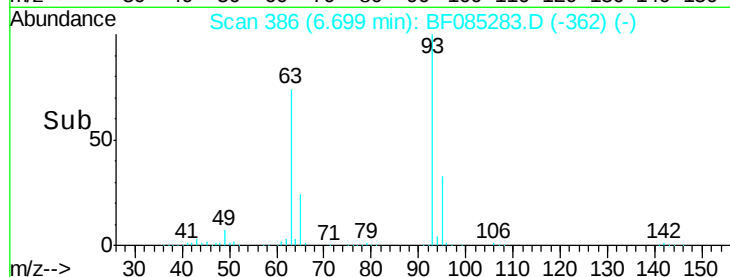
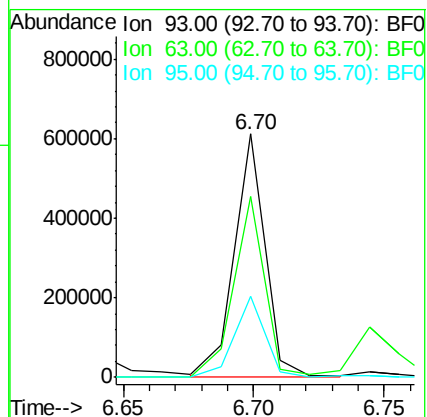
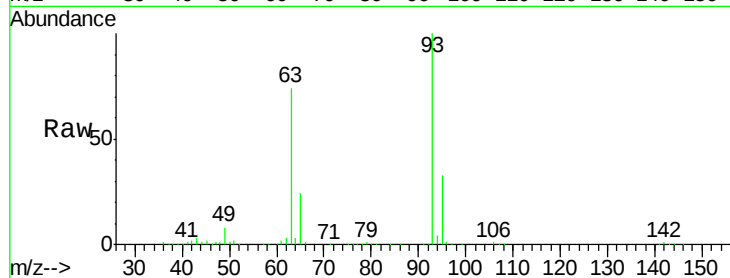
Tgt Ion: 93 Resp: 512105

Ion Ratio Lower Upper

93 100

63 74.1 50.9 90.9

95 33.0 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 43.07 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

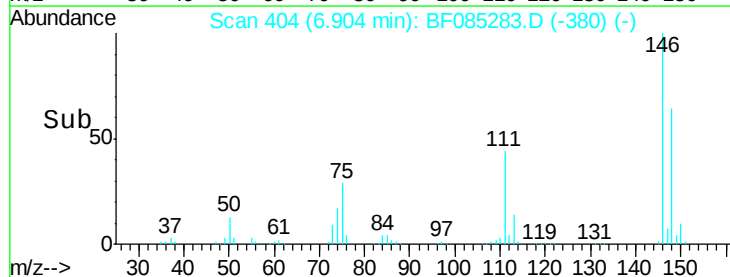
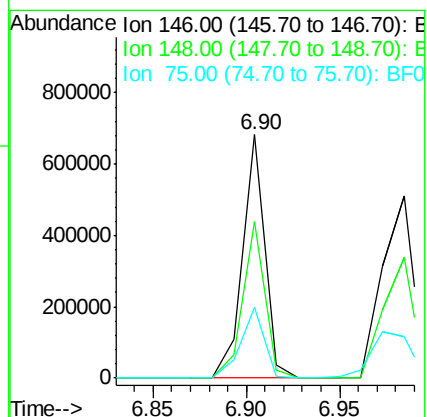
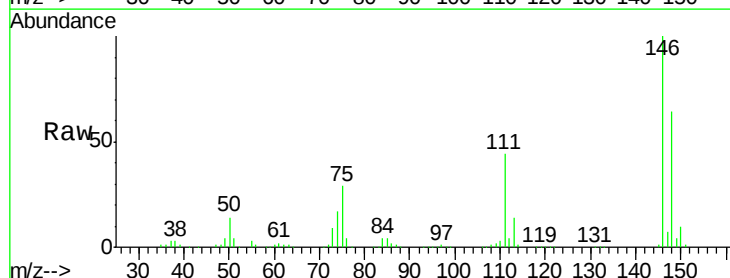
Tgt Ion: 146 Resp: 571144

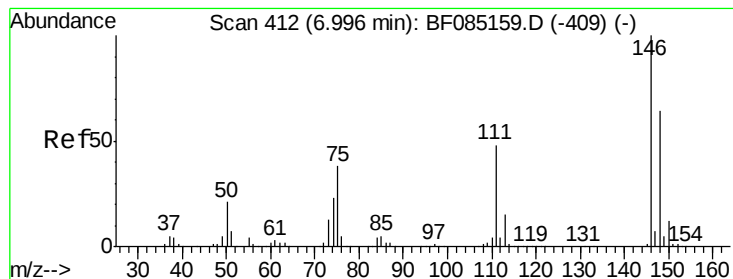
Ion Ratio Lower Upper

146 100

148 64.2 52.1 78.1

75 29.2 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 42.98 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.09 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

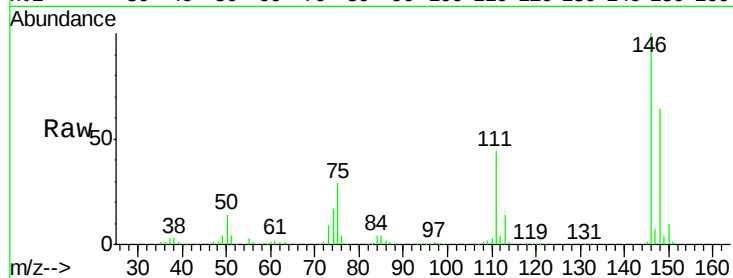
Tgt Ion:146 Resp: 571144

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

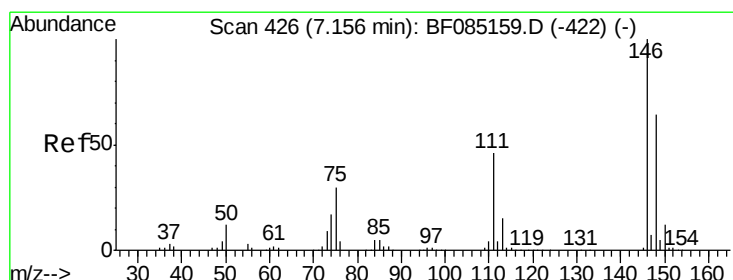
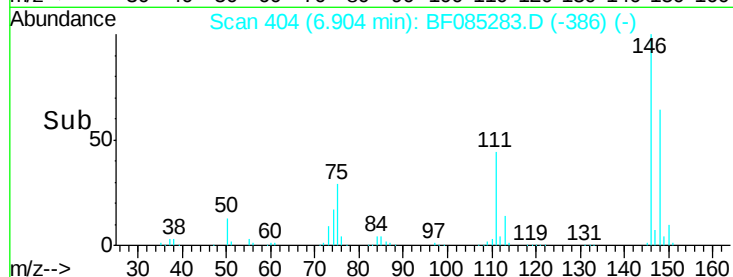
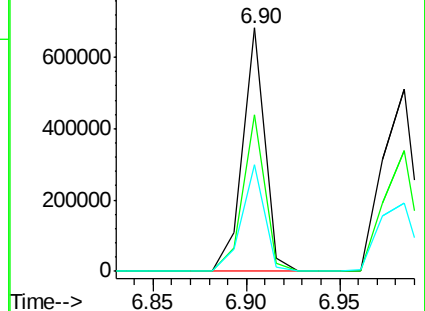
111 43.7 38.4 57.6



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: 42.80 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

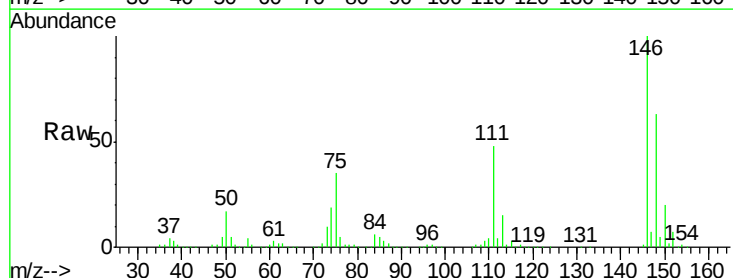
Tgt Ion:146 Resp: 515999

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

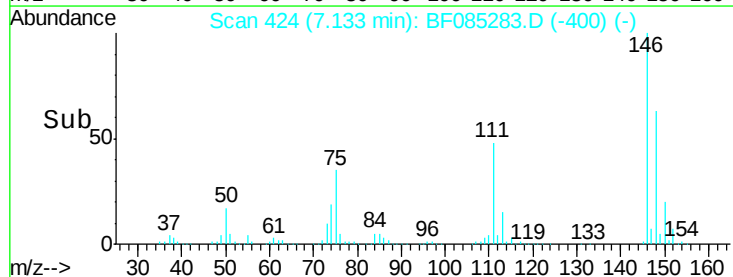
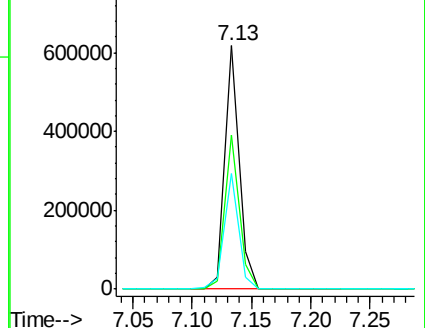
111 47.7 36.7 55.1

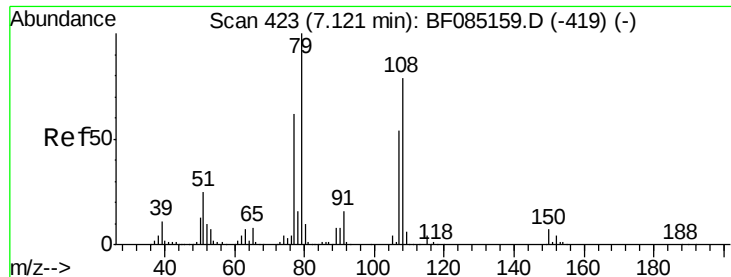


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.94 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

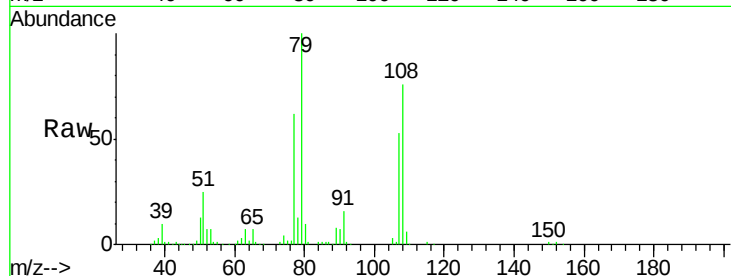
Tgt Ion: 79 Resp: 463139

Ion Ratio Lower Upper

79 100

108 75.5 62.9 94.3

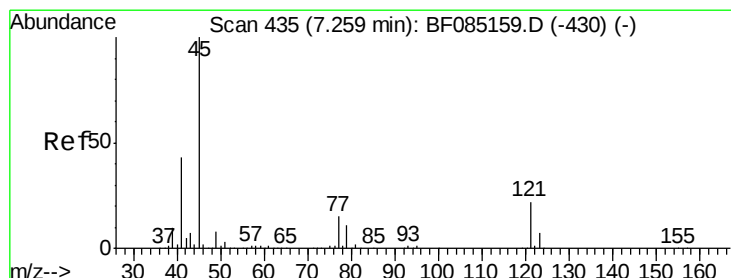
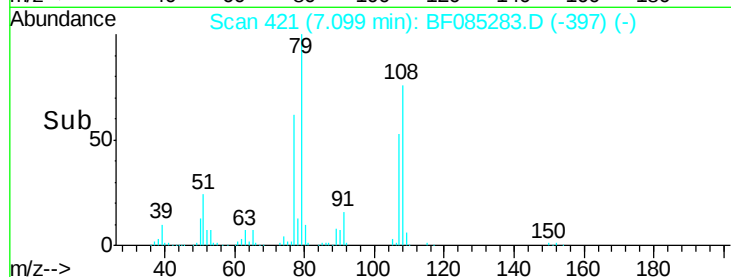
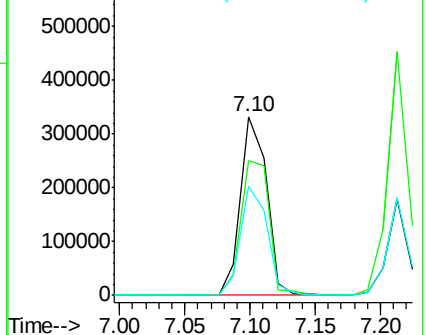
77 61.5 49.5 74.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.57 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

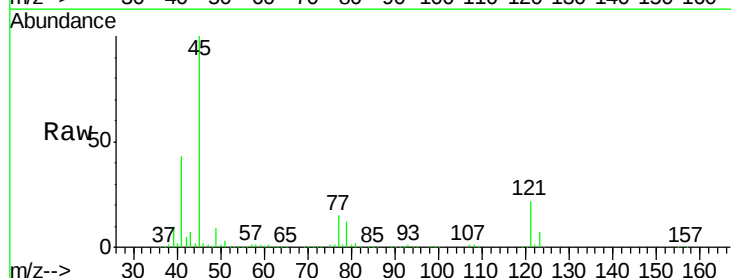
Tgt Ion: 45 Resp: 681973

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.1

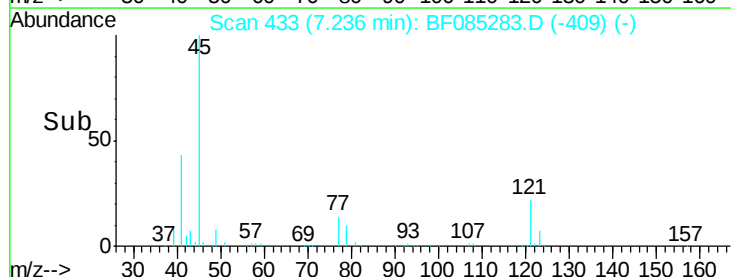
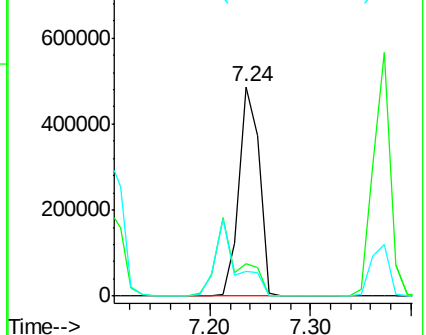
79 11.5 0.0 31.3



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

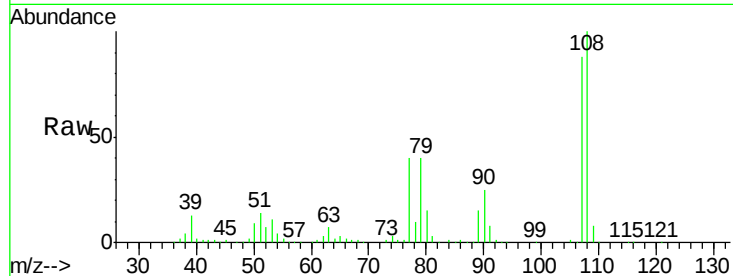




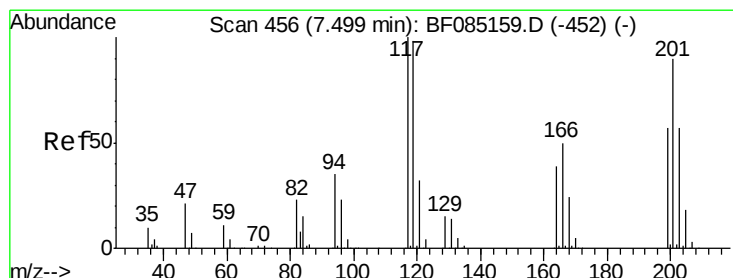
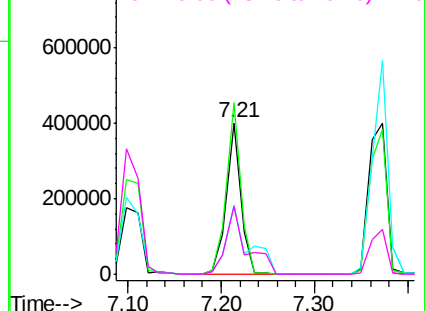
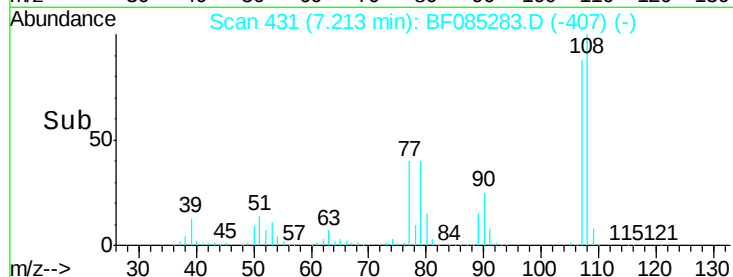
#17  
2-Methylphenol  
Concen: 43.19 ng  
RT: 7.21 min Scan# 431  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

Tgt Ion:107 Resp: 435249  
Ion Ratio Lower Upper  
107 100  
108 113.1 90.9 136.3  
77 45.4 32.6 48.8  
79 45.0 32.8 49.2

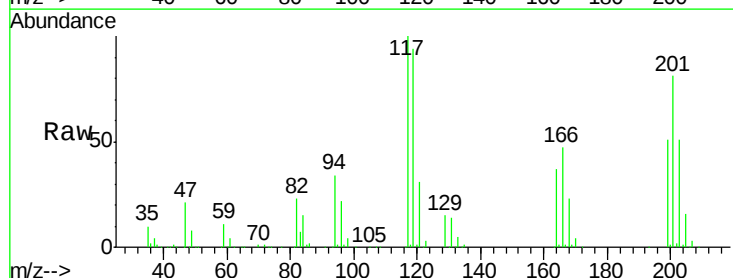


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

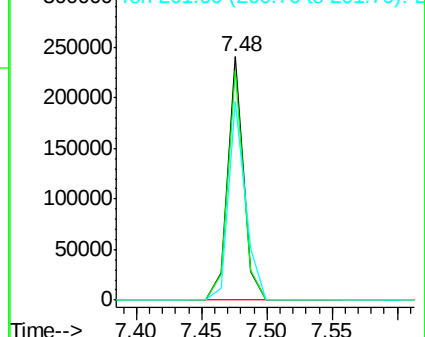
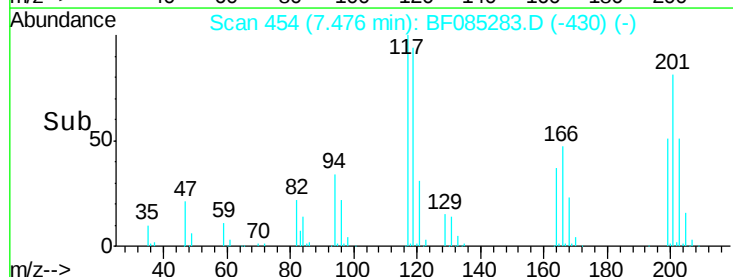


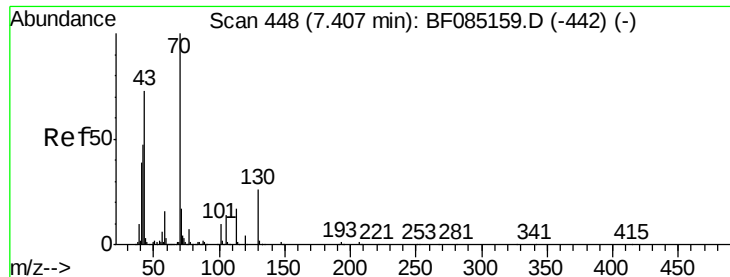
#18  
Hexachloroethane  
Concen: 41.90 ng  
RT: 7.48 min Scan# 454  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion:117 Resp: 205430  
Ion Ratio Lower Upper  
117 100  
119 94.3 78.2 117.4  
201 81.5 72.0 108.0



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

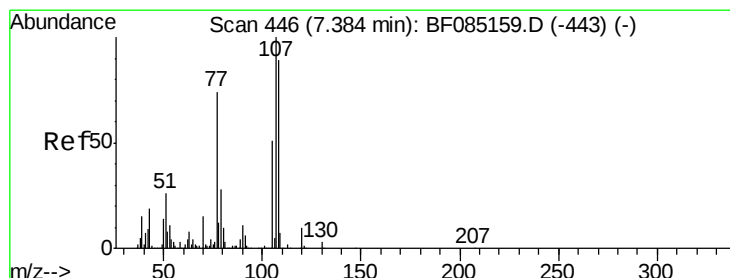
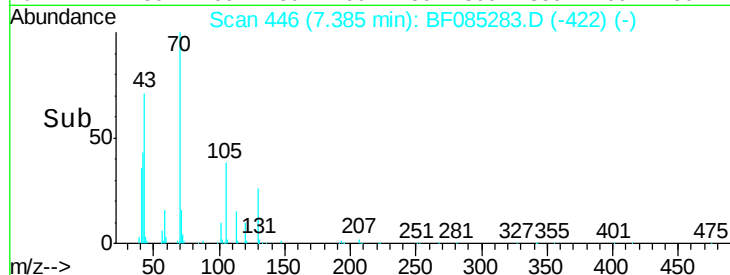
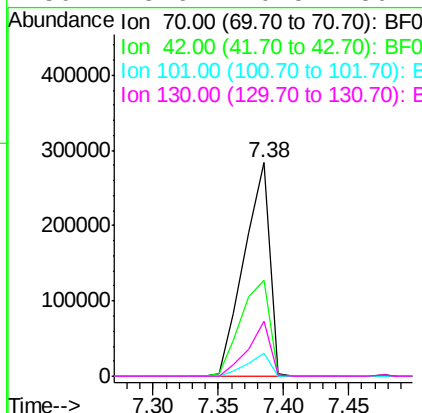
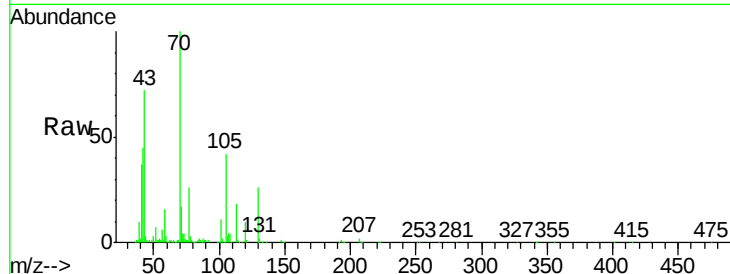




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 44.37 ng  
 RT: 7.38 min Scan# 446  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

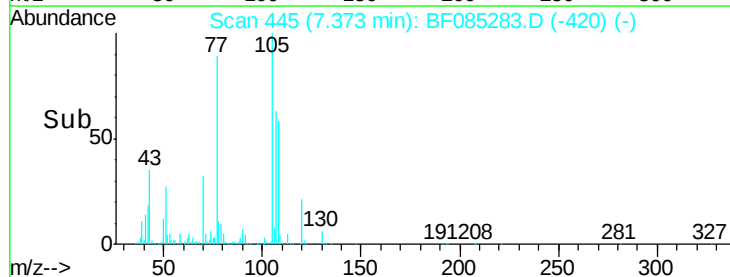
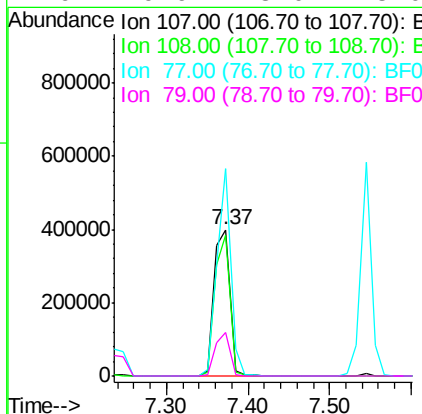
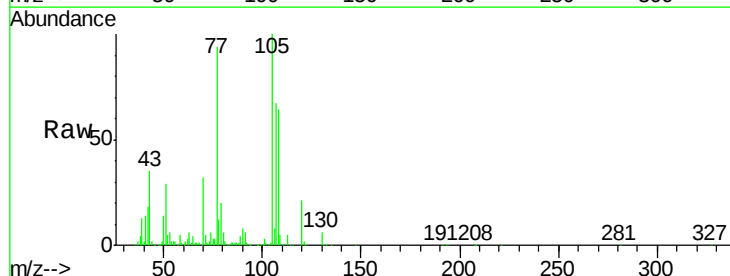
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

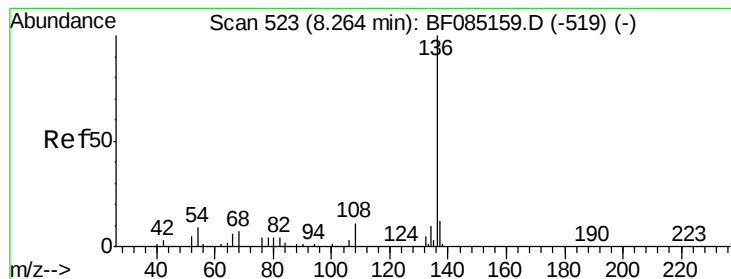
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 388629 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.1  | 37.7  | 56.5   |
| 101      | 10.7  | 8.2   | 12.4   |
| 130      | 25.6  | 20.5  | 30.7   |



#20  
 3+4-Methylphenols  
 Concen: 45.29 ng  
 RT: 7.37 min Scan# 445  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 540590 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 95.9  | 68.8  | 108.8  |
| 77       | 141.4 | 53.6  | 93.6#  |
| 79       | 29.9  | 8.0   | 48.0   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

Tgt Ion:136 Resp: 667403

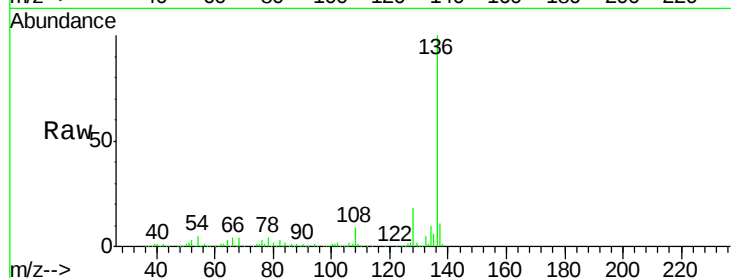
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 5.0 7.4 11.2#

68 4.4 6.0 9.0#

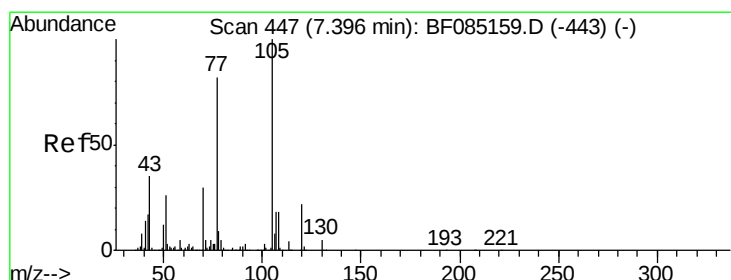
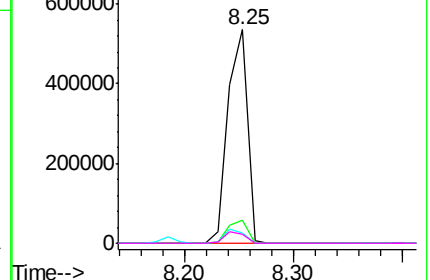
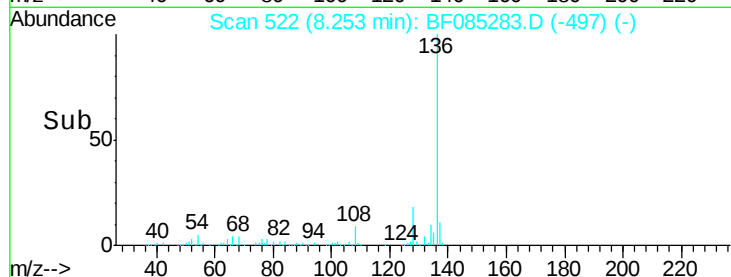


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.25 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Tgt Ion:105 Resp: 672044

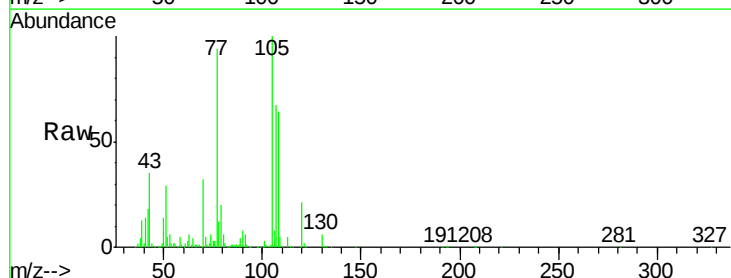
Ion Ratio Lower Upper

105 100

71 5.3 4.1 6.1

51 29.4 21.1 31.7

120 21.3 17.3 25.9

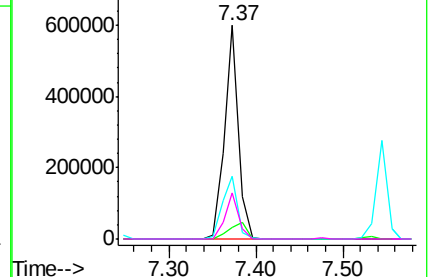
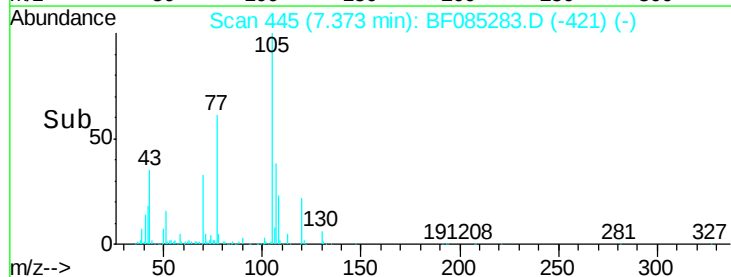


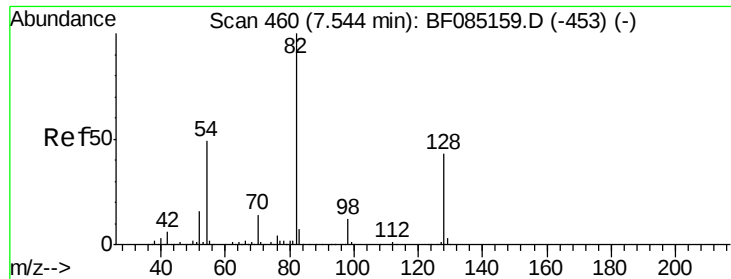
Abundance Ion 105.00 (104.70 to 105.70): E

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

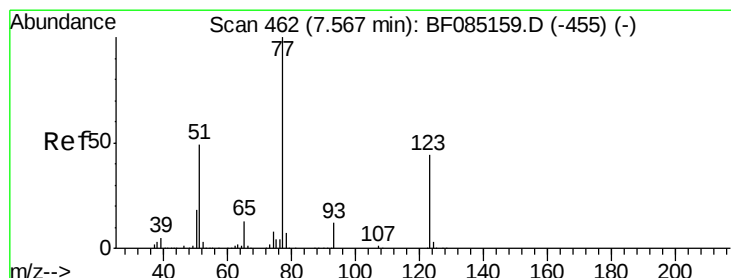
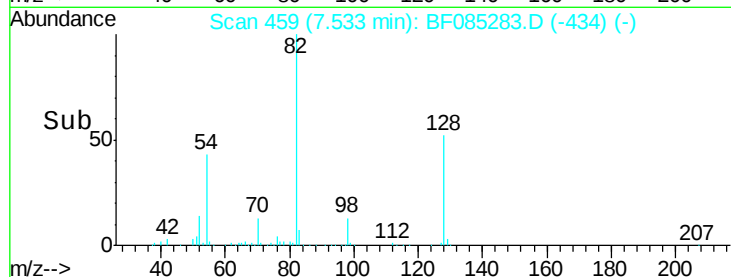
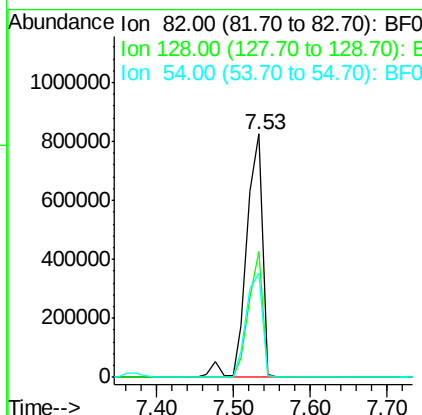
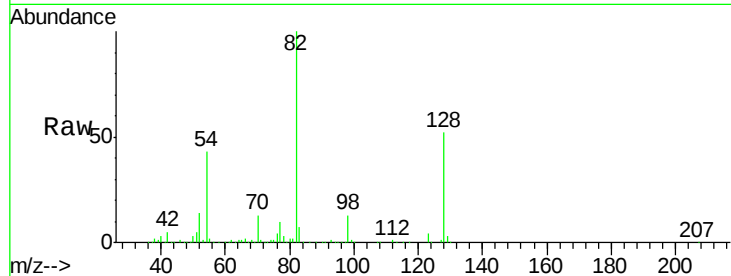




#23  
 Nitrobenzene-d5  
 Concen: 94.68 ng  
 RT: 7.53 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

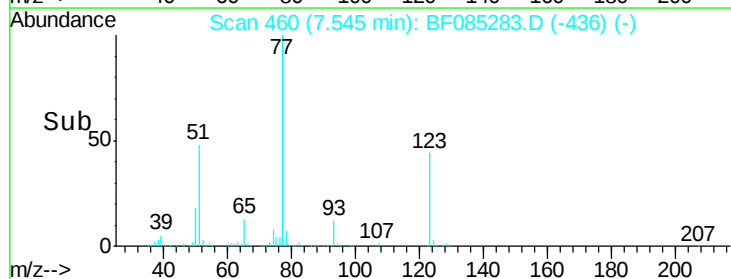
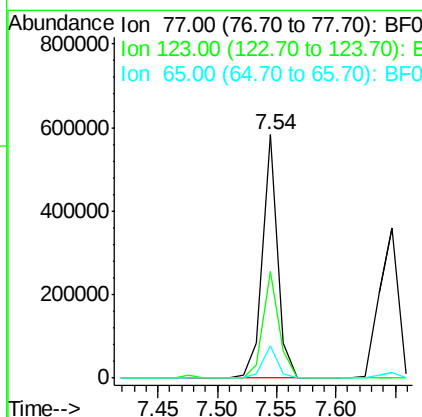
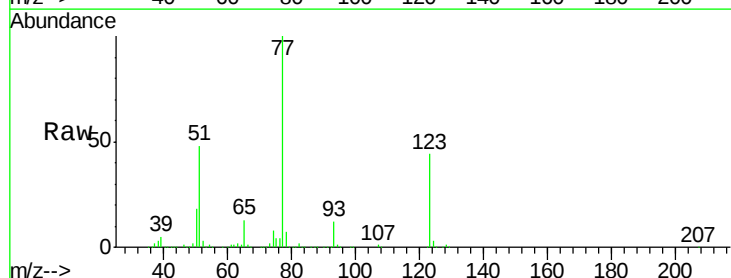
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Tgt Ion: 82 Resp: 1180880  
 Ion Ratio Lower Upper  
 82 100  
 128 51.7 34.5 51.7  
 54 42.7 39.3 58.9



#24  
 Nitrobenzene  
 Concen: 40.93 ng  
 RT: 7.54 min Scan# 460  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion: 77 Resp: 518600  
 Ion Ratio Lower Upper  
 77 100  
 123 44.0 35.4 53.2  
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 43.99 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

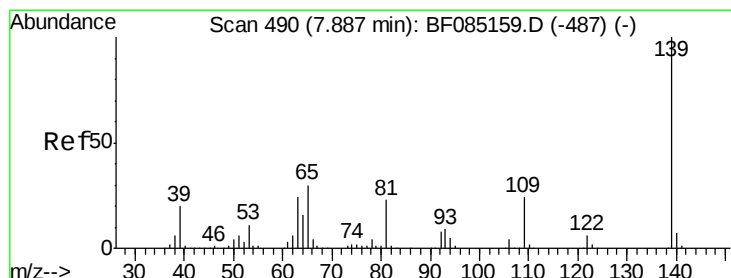
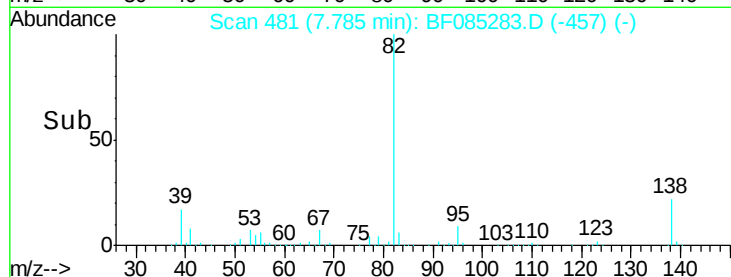
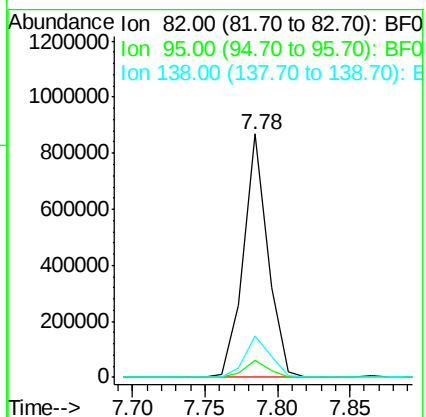
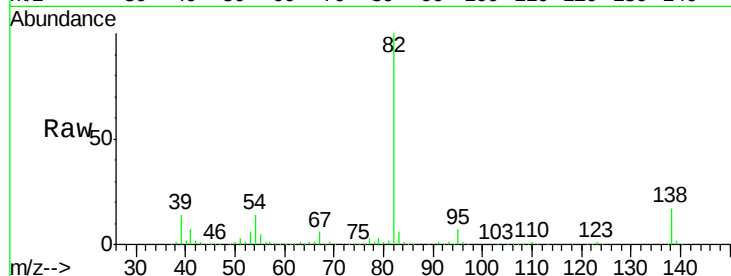
Tgt Ion: 82 Resp: 1016823

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.3 13.3 19.9



#26

2-Nitrophenol

Concen: 48.53 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

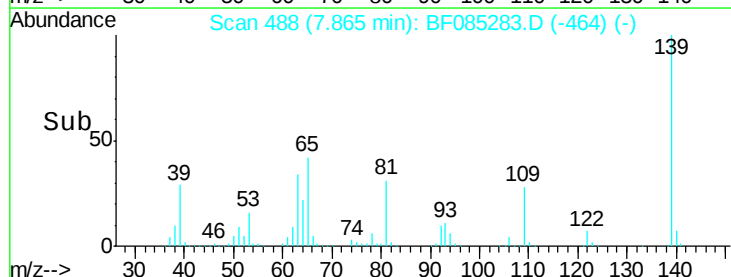
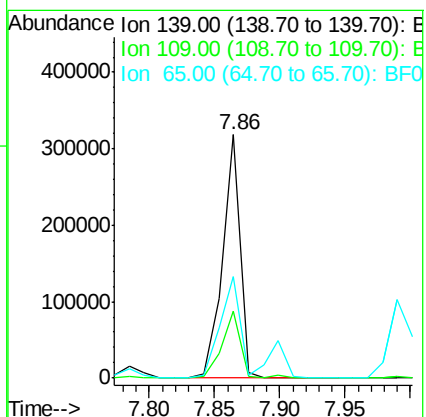
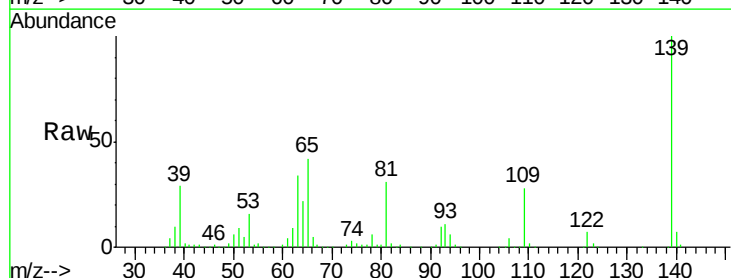
Tgt Ion: 139 Resp: 299233

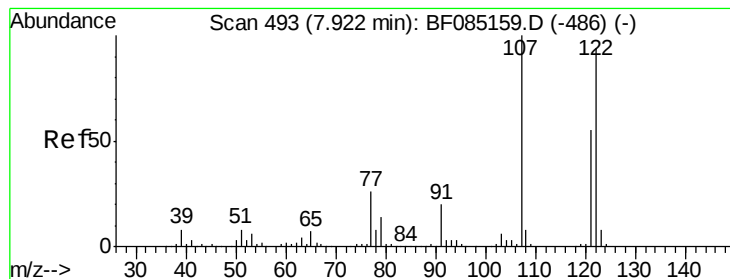
Ion Ratio Lower Upper

139 100

109 27.5 19.1 28.7

65 41.7 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 45.84 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

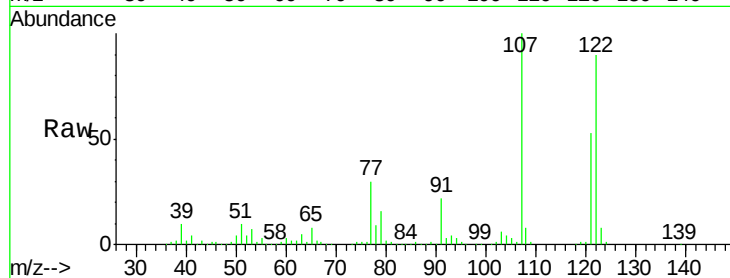
Tgt Ion:122 Resp: 516509

Ion Ratio Lower Upper

122 100

107 111.5 84.8 127.2

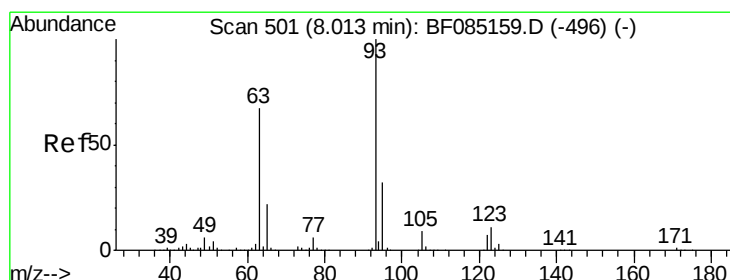
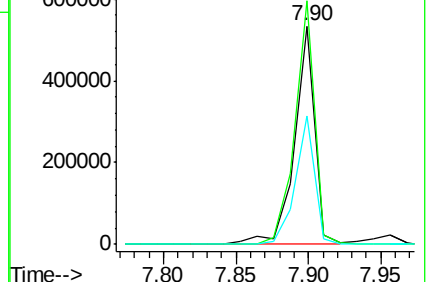
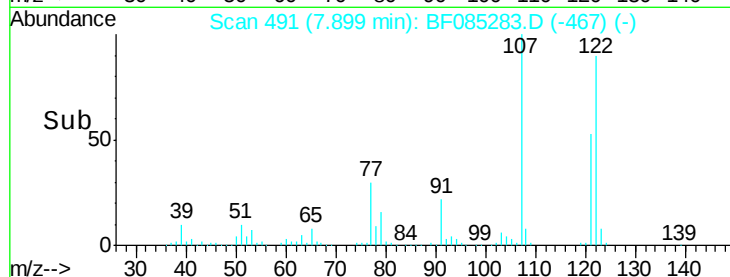
121 58.6 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.58 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

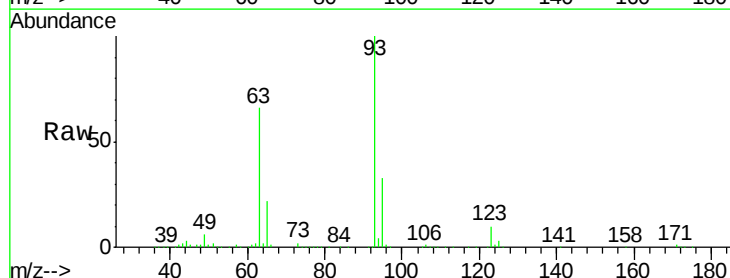
Tgt Ion: 93 Resp: 612432

Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

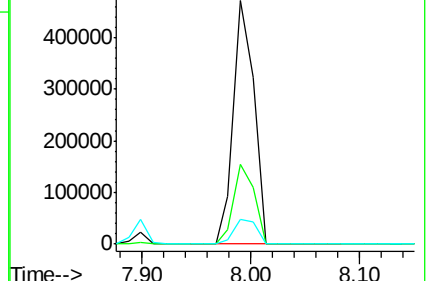
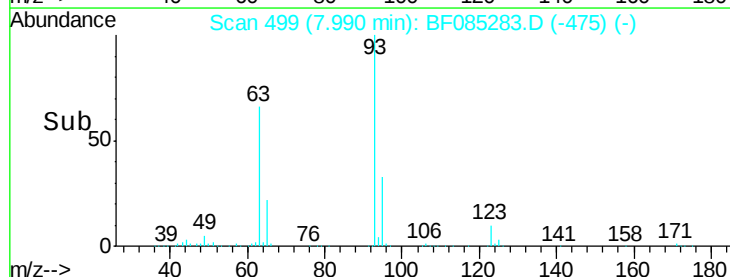
123 10.1 8.8 13.2

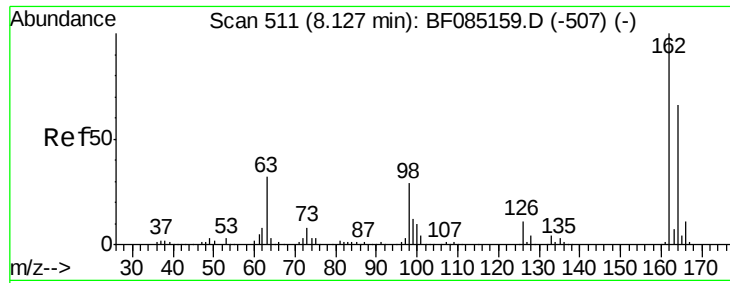


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

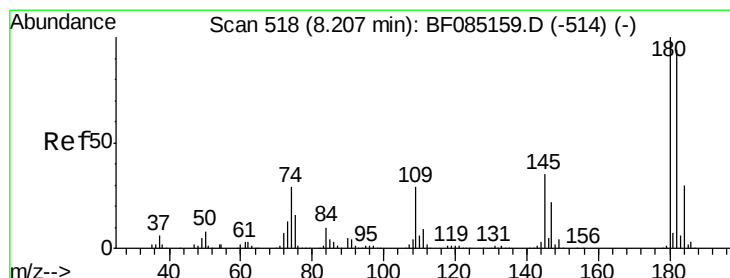
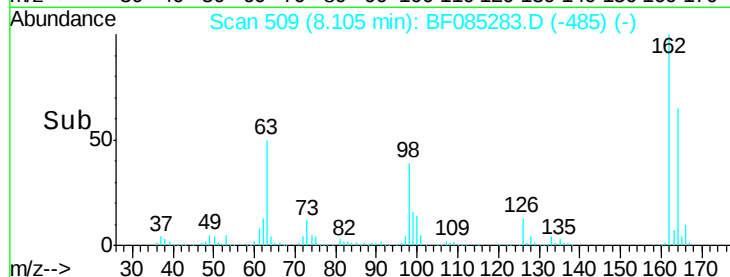
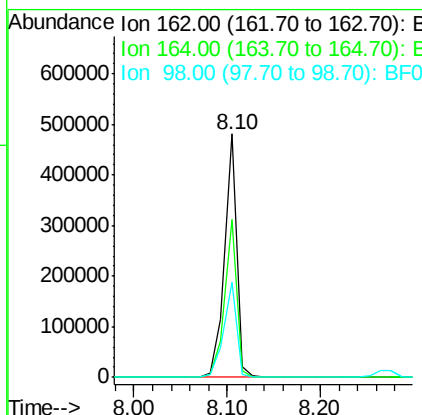
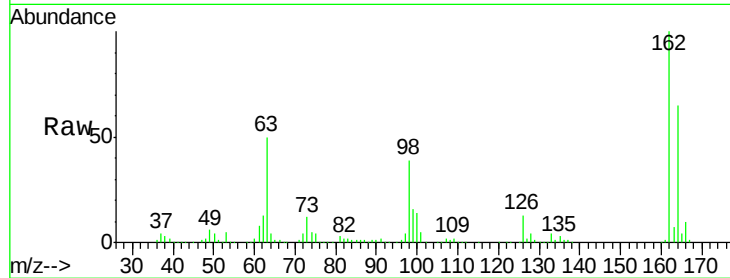




#29  
2,4-Dichlorophenol  
Concen: 47.85 ng  
RT: 8.10 min Scan# 509  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

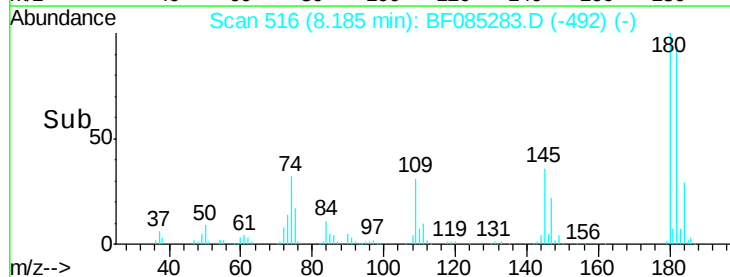
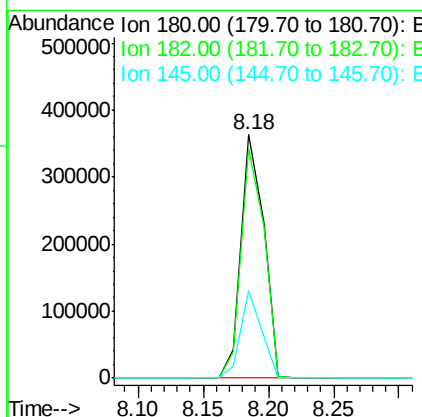
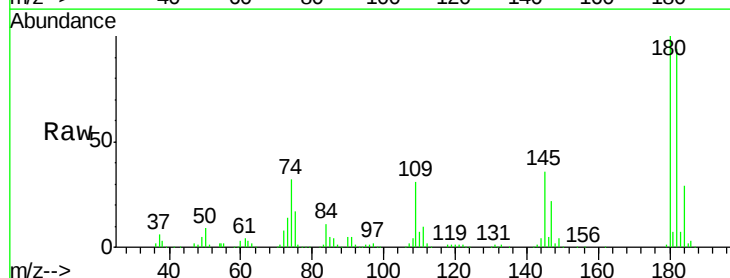
Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

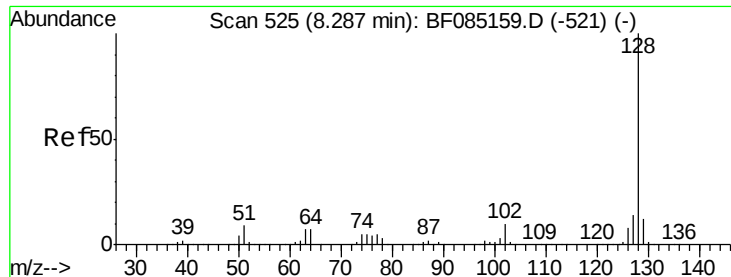
Tgt Ion:162 Resp: 434852  
Ion Ratio Lower Upper  
162 100  
164 64.6 45.7 85.7  
98 39.1 9.4 49.4



#30  
1,2,4-Trichlorobenzene  
Concen: 44.78 ng  
RT: 8.18 min Scan# 516  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion:180 Resp: 439972  
Ion Ratio Lower Upper  
180 100  
182 94.3 74.9 112.3  
145 35.9 27.9 41.9

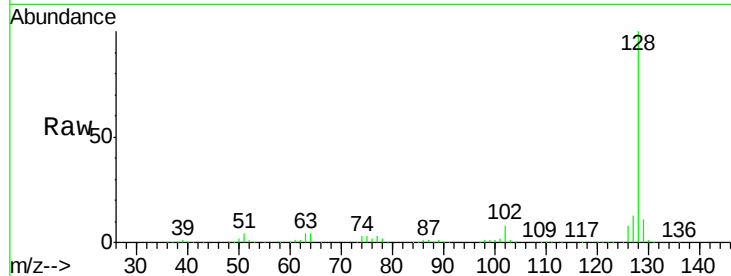




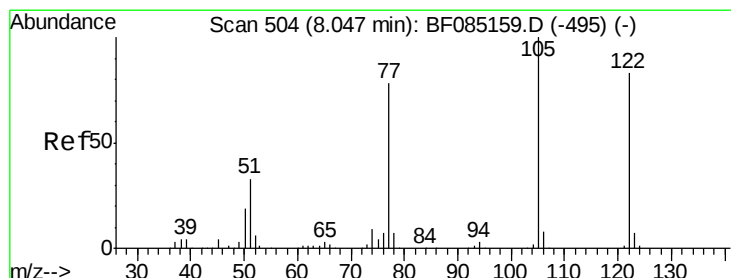
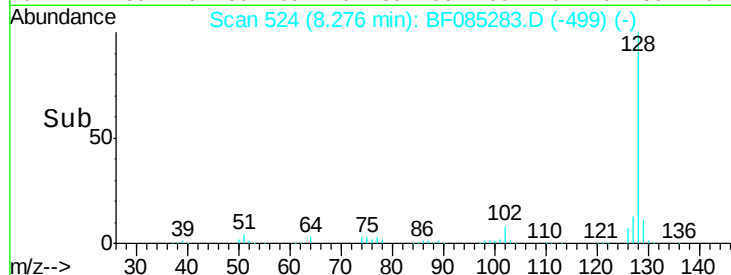
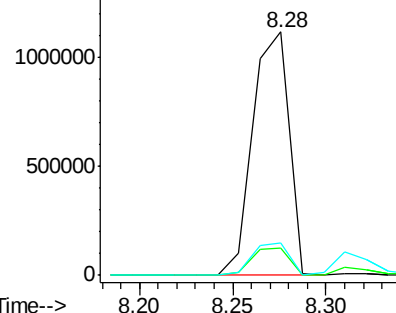
#31  
Naphthalene  
Concen: 46.41 ng  
RT: 8.28 min Scan# 524  
Delta R.T. -0.01 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

Tgt Ion:128 Resp: 1523050  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.7 14.5  
127 13.5 11.2 16.8

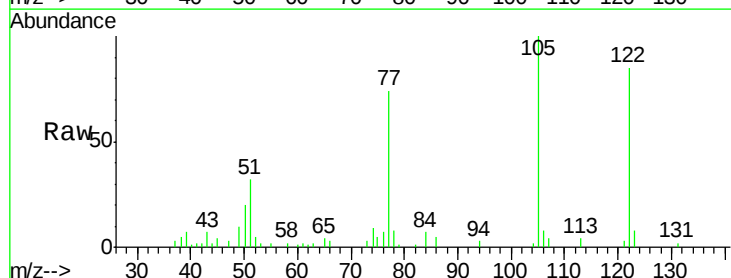


Abundance Ion 128.00 (127.70 to 128.70): E  
1500000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

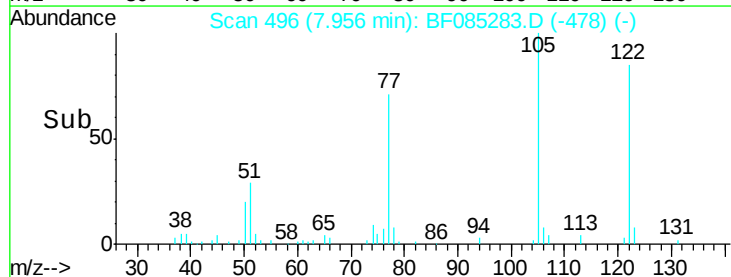
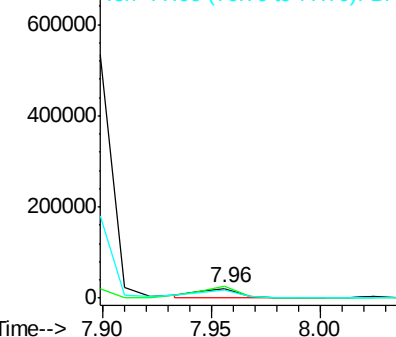


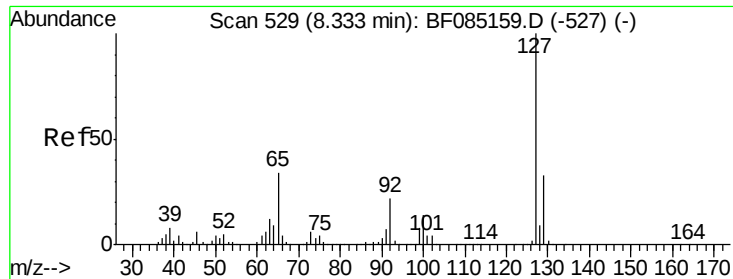
#32  
Benzoic acid  
Concen: 3.41 ng  
RT: 7.96 min Scan# 496  
Delta R.T. -0.09 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion:122 Resp: 25545  
Ion Ratio Lower Upper  
122 100  
105 117.6 101.3 141.3  
77 86.9 74.7 114.7



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

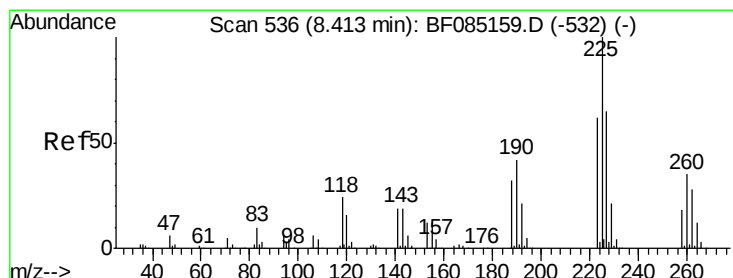
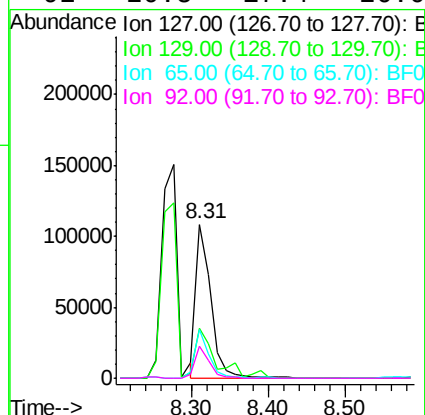
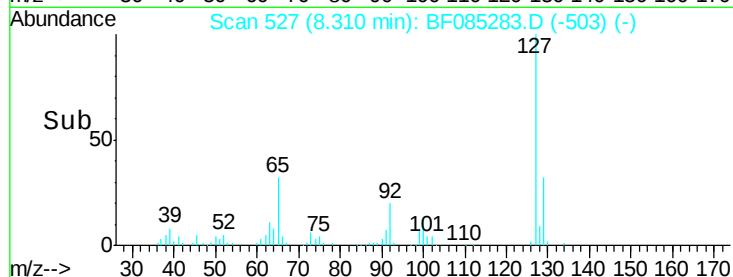
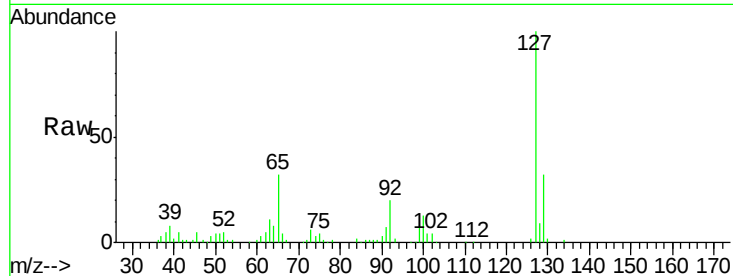




#33  
4-Chloroaniline  
Concen: 11.13 ng  
RT: 8.31 min Scan# 527  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

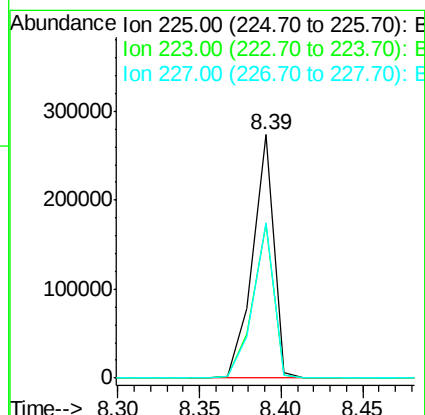
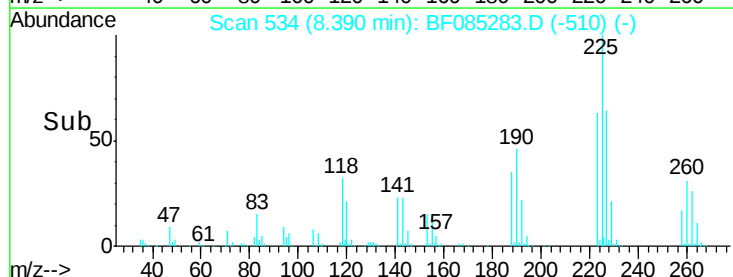
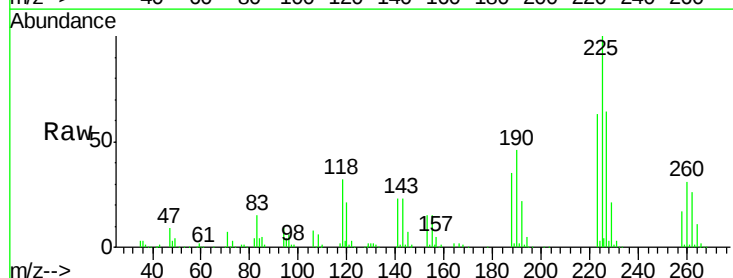
Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

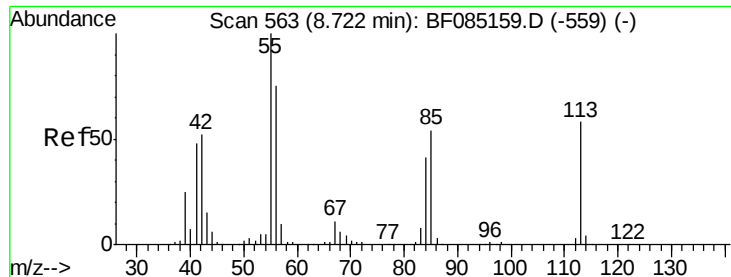
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 147769 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.1  | 39.1   |
| 65       | 31.9  | 27.0  | 40.6   |
| 92       | 20.5  | 17.4  | 26.0   |



#34  
Hexachlorobutadiene  
Concen: 48.28 ng  
RT: 8.39 min Scan# 534  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 246810 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 49.7  | 74.5   |
| 227      | 63.8  | 52.2  | 78.4   |

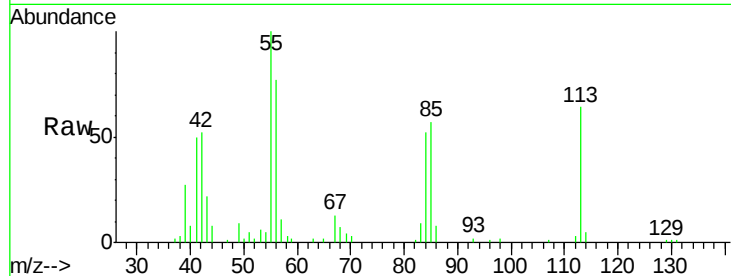




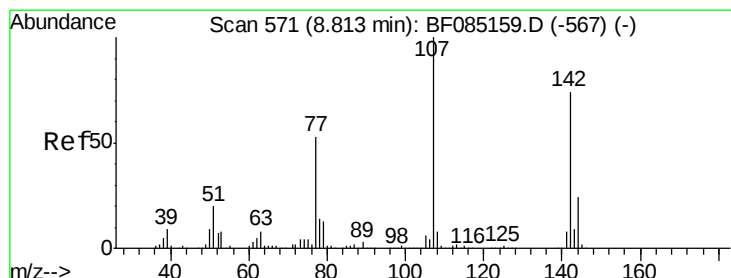
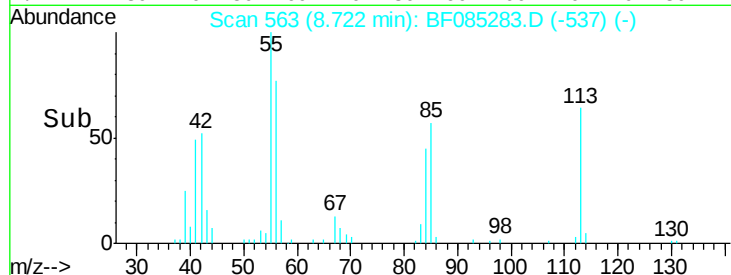
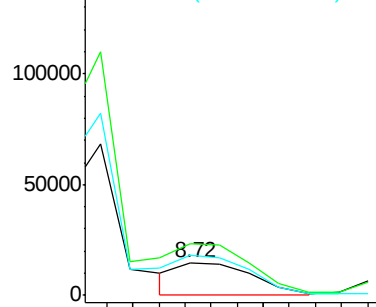
#35  
 Caprolactam  
 Concen: 9.63 ng  
 RT: 8.72 min Scan# 563  
 Delta R.T. 0.00 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Tgt Ion:113 Resp: 28576  
 Ion Ratio Lower Upper  
 113 100  
 55 156.9 152.7 192.7  
 56 121.4 109.0 149.0

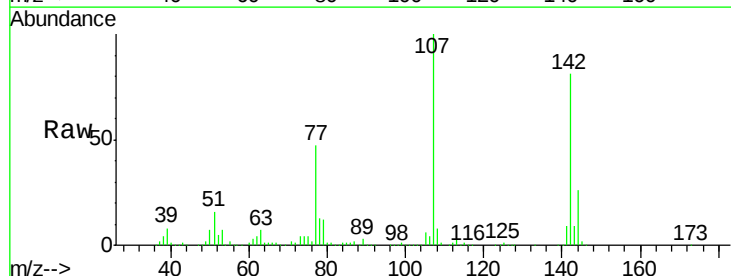


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

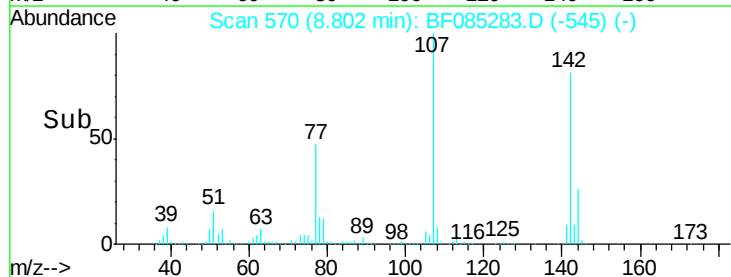
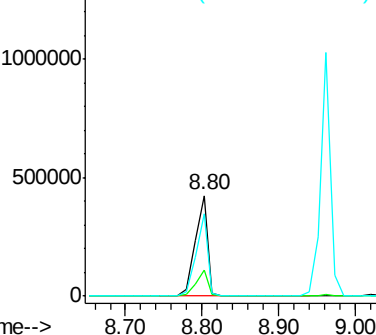


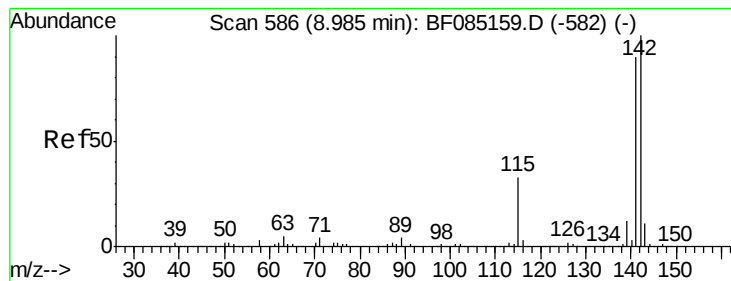
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.15 ng  
 RT: 8.80 min Scan# 570  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:107 Resp: 486039  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 19.4 29.2  
 142 81.1 59.4 89.2



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





#37

2-Methylnaphthalene

Concen: 45.17 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

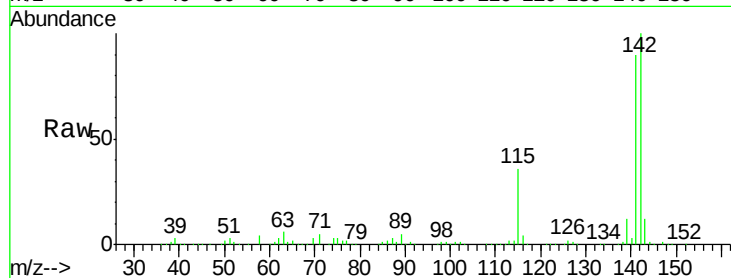
Tgt Ion:142 Resp: 951265

Ion Ratio Lower Upper

142 100

141 89.8 71.7 107.5

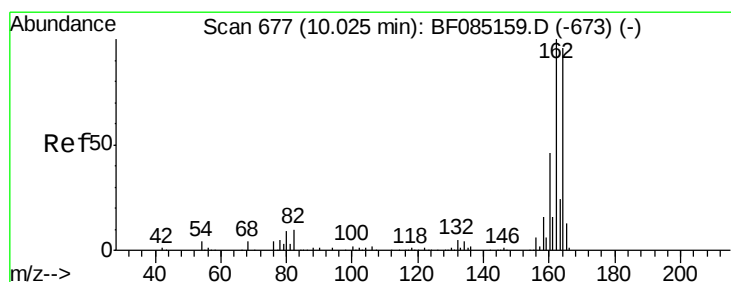
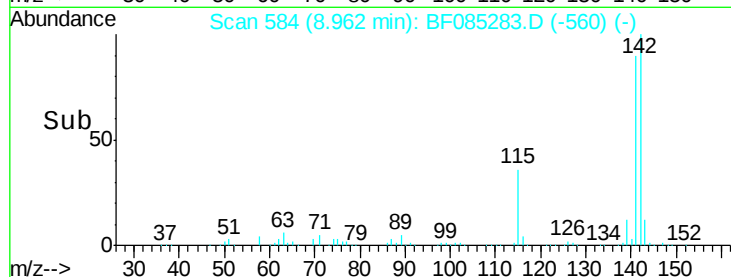
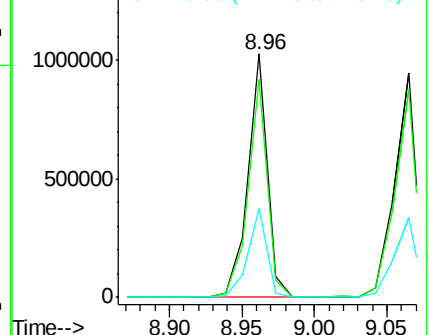
115 36.3 26.2 39.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

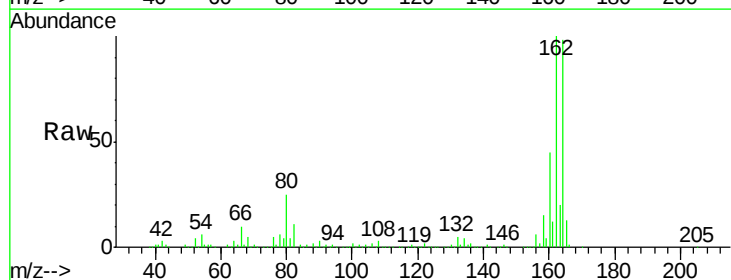
Tgt Ion:164 Resp: 276404

Ion Ratio Lower Upper

164 100

162 102.4 83.3 124.9

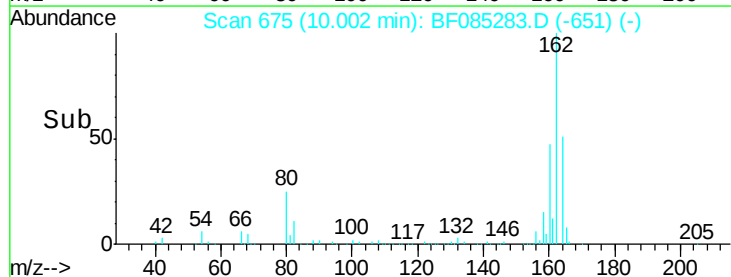
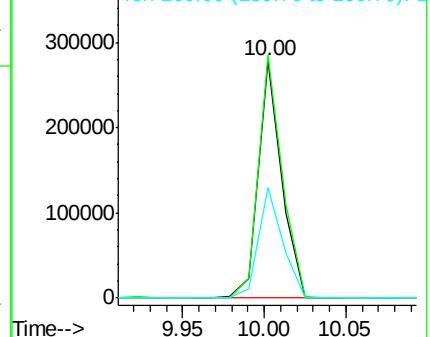
160 46.5 37.9 56.9

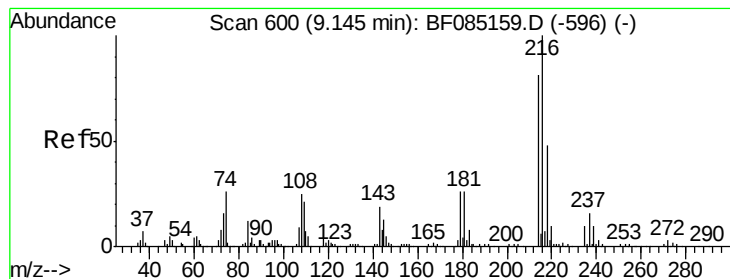


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.81 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

Tgt Ion:216 Resp: 393750

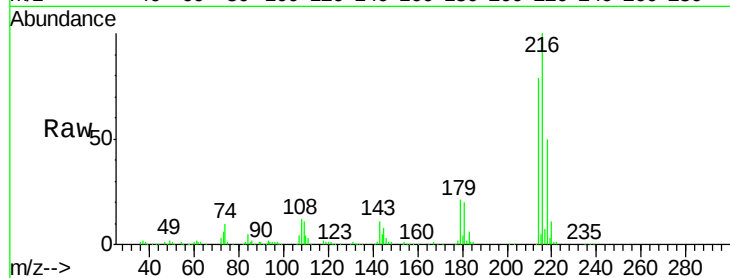
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 23.0 19.6 29.4

108 21.6 19.6 29.4

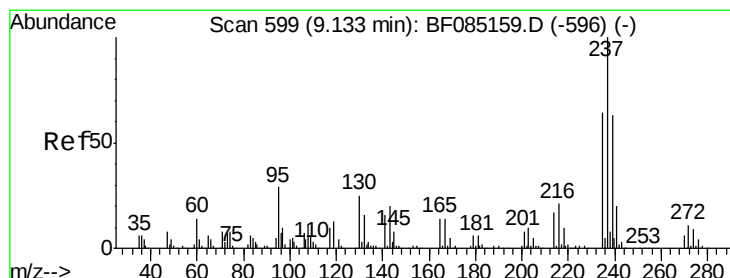
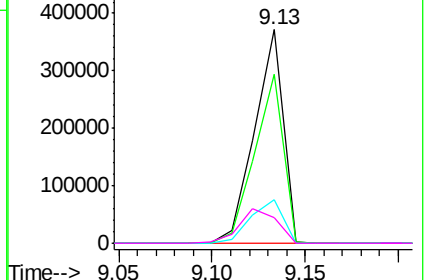
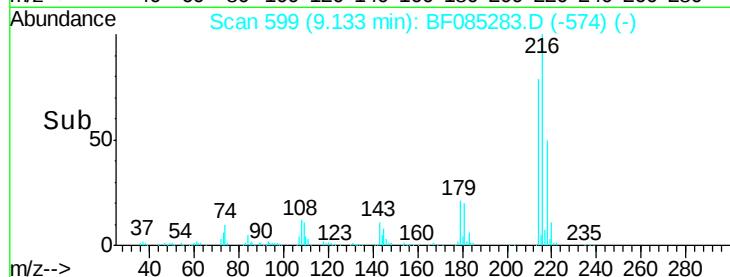


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.87 ng

RT: 9.12 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

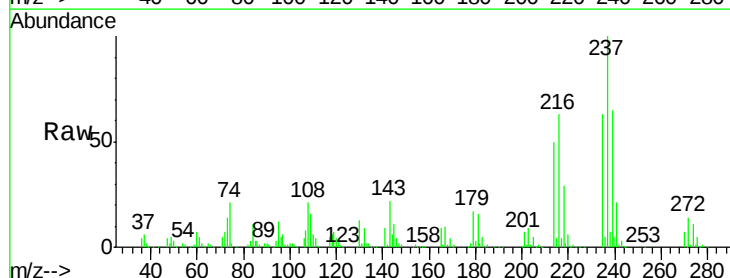
Tgt Ion:237 Resp: 336279

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

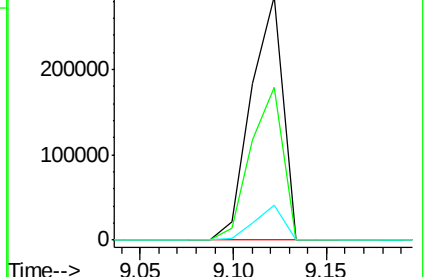
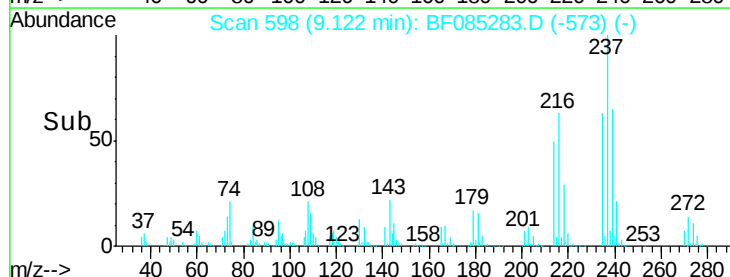
272 14.5 0.0 31.5

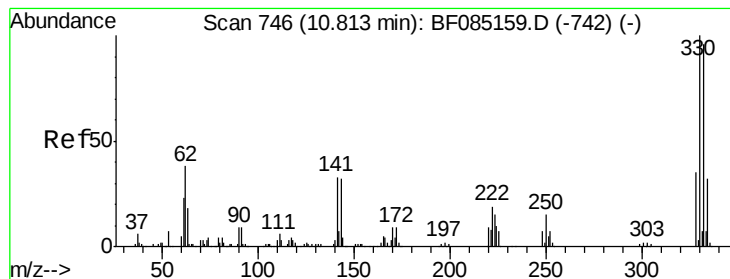


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

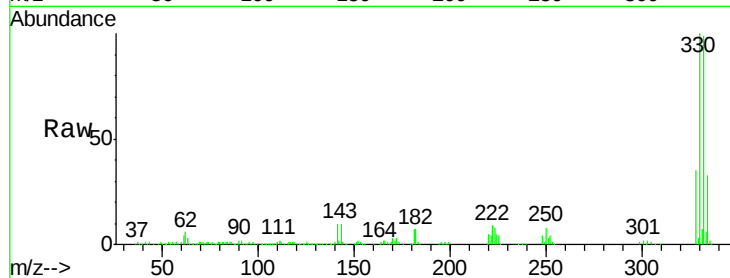




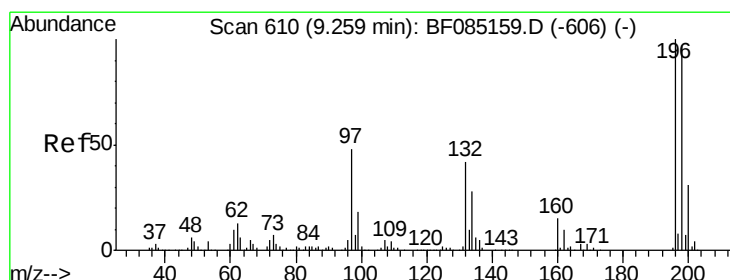
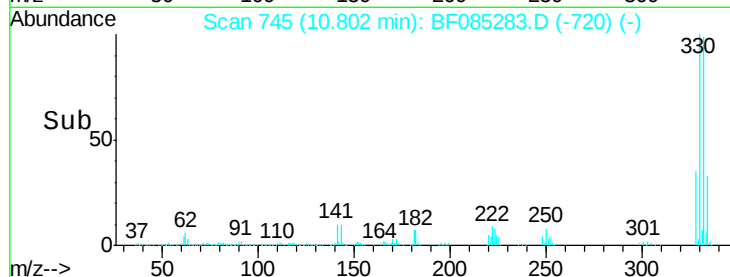
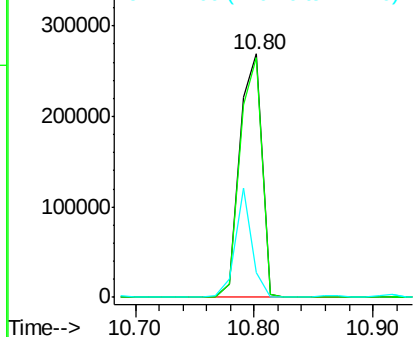
#41  
 2,4,6-Tribromophenol  
 Concen: 147.98 ng  
 RT: 10.80 min Scan# 745  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Tgt Ion:330 Resp: 349995  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 77.1 115.7  
 141 33.4 35.0 52.6#

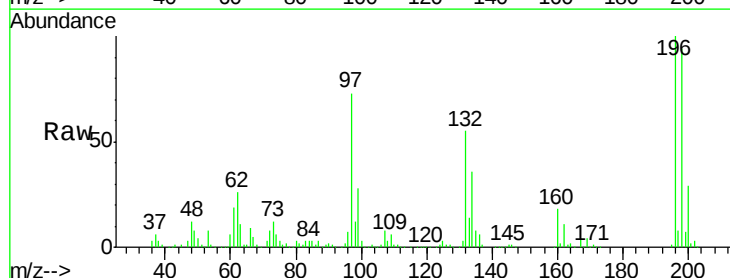


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

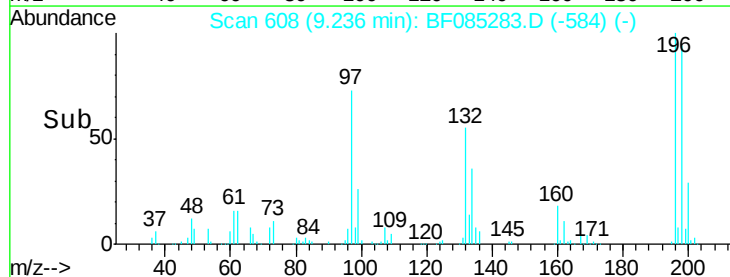
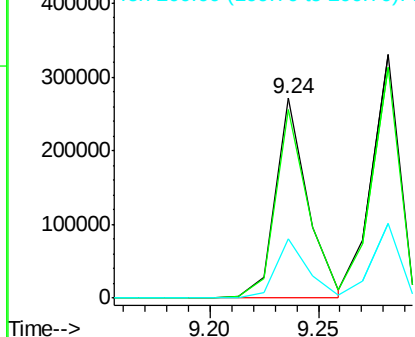


#42  
 2,4,6-Trichlorophenol  
 Concen: 47.43 ng  
 RT: 9.24 min Scan# 608  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:196 Resp: 279114  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 77.8 116.6  
 200 29.4 25.0 37.6



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

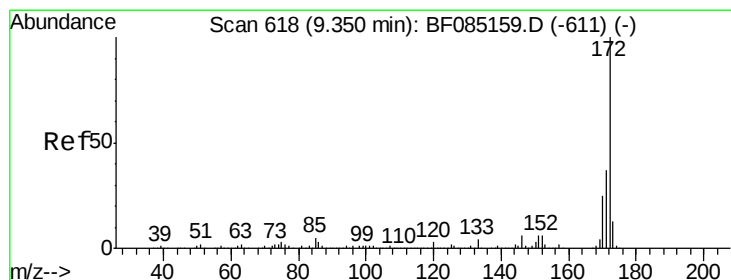
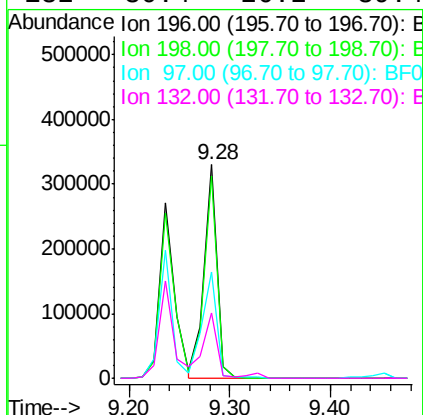
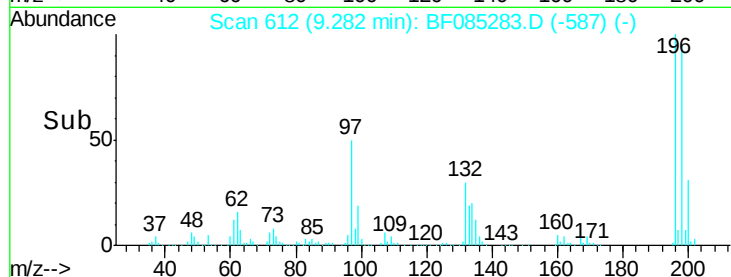
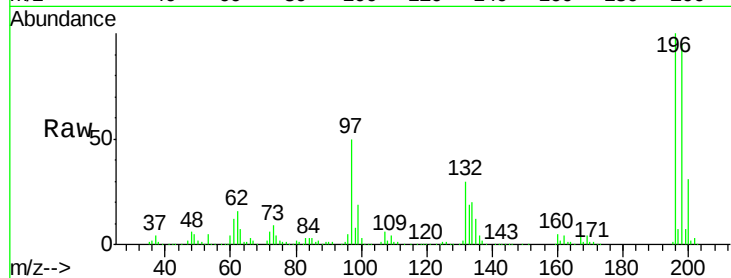




#43  
 2,4,5-Trichlorophenol  
 Concen: 53.03 ng  
 RT: 9.28 min Scan# 612  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

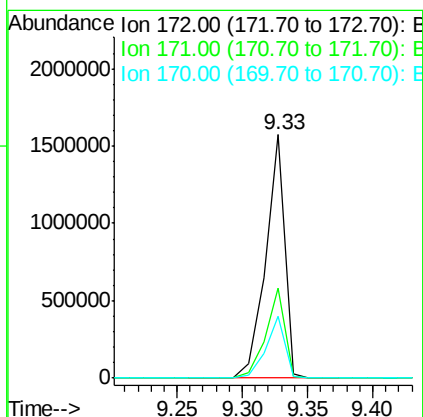
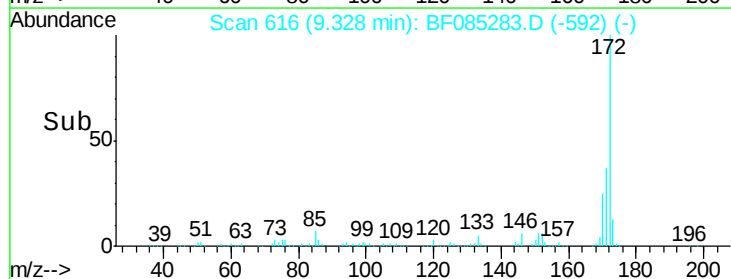
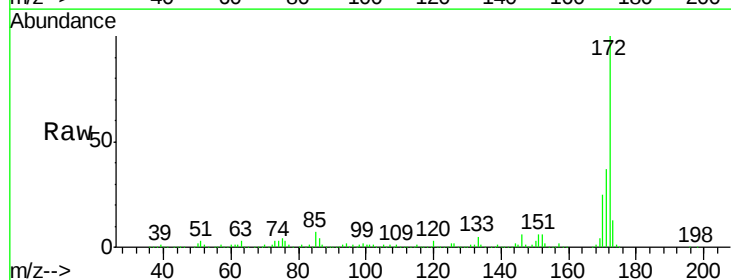
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

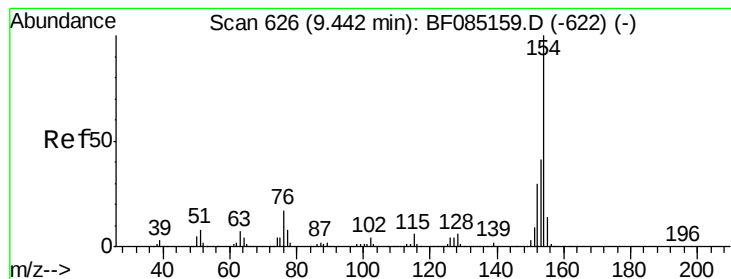
Tgt Ion:196 Resp: 295841  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 75.7 113.5  
 97 49.9 46.4 69.6  
 132 30.4 26.2 39.4



#44  
 2-Fluorobiphenyl  
 Concen: 88.73 ng  
 RT: 9.33 min Scan# 616  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:172 Resp: 1612712  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 29.3 43.9  
 170 25.3 20.0 30.0





#45

1,1'-Biphenyl

Concen: 49.20 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

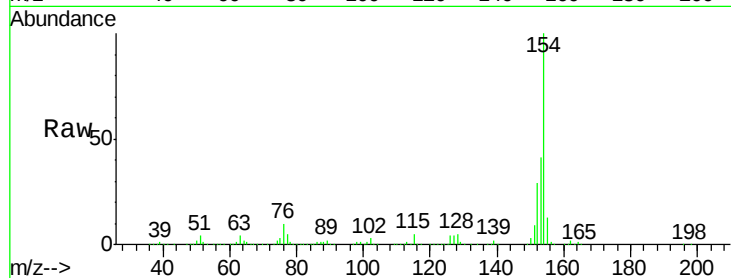
Tgt Ion:154 Resp: 1161926

Ion Ratio Lower Upper

154 100

153 41.0 21.4 61.4

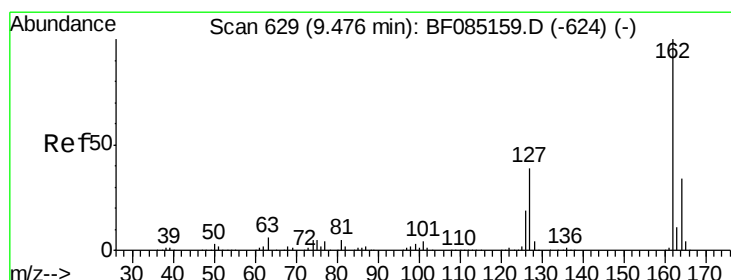
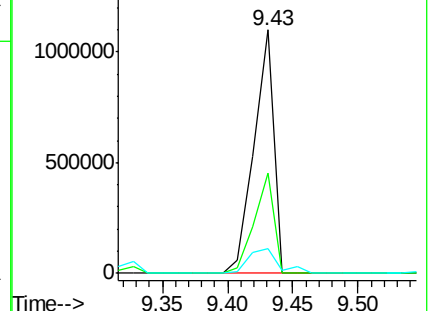
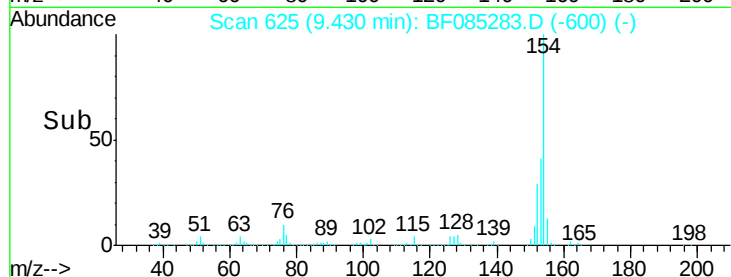
76 10.2 0.0 37.5



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: 49.13 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

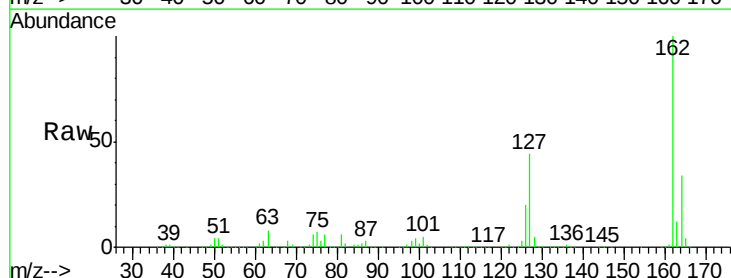
Tgt Ion:162 Resp: 884374

Ion Ratio Lower Upper

162 100

127 44.1 31.6 47.4

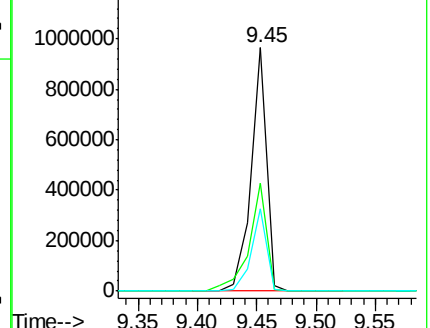
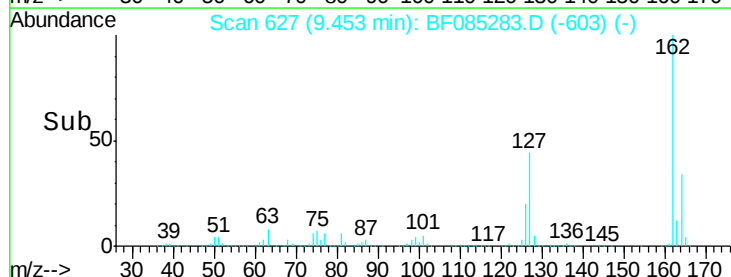
164 33.6 27.1 40.7

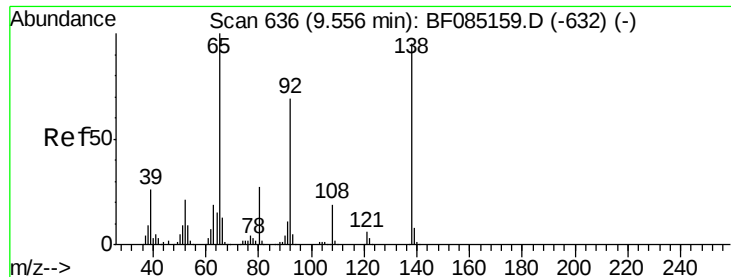


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.53 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

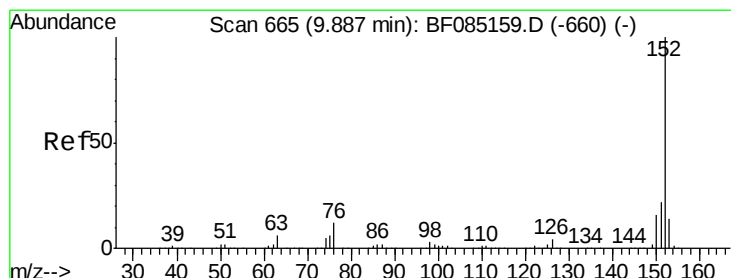
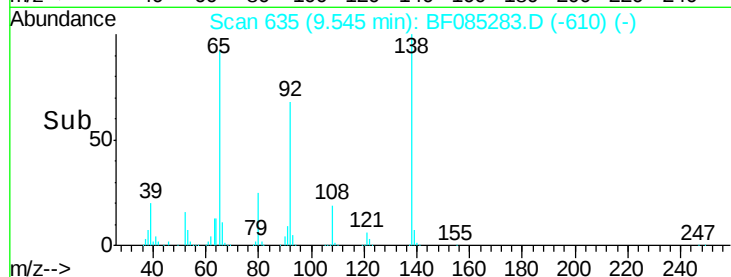
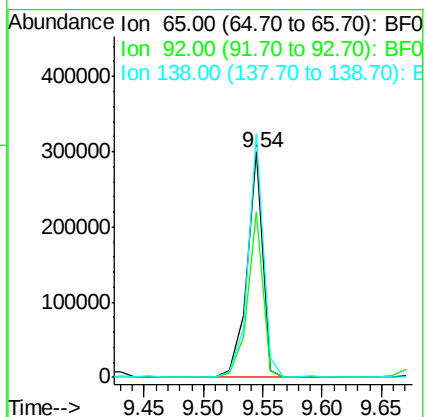
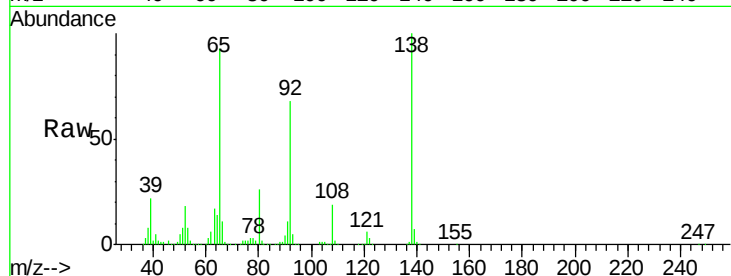
Tgt Ion: 65 Resp: 276286

Ion Ratio Lower Upper

65 100

92 73.4 55.4 83.2

138 108.0 75.7 113.5



#48

Acenaphthylene

Concen: 45.51 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

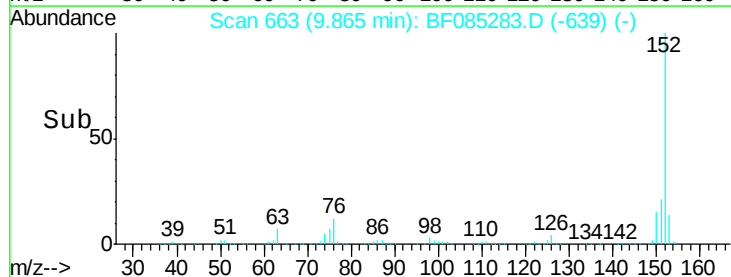
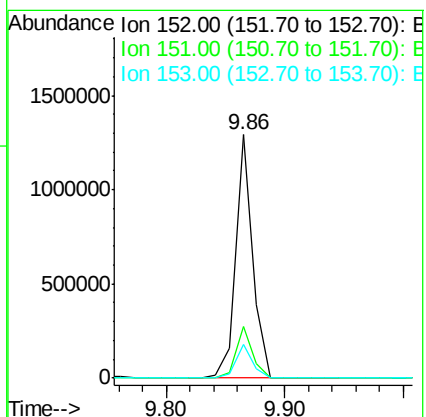
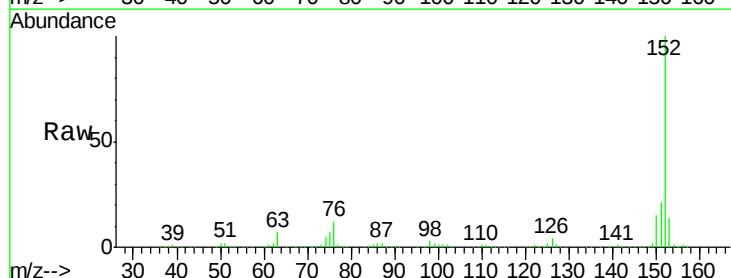
Tgt Ion: 152 Resp: 1275077

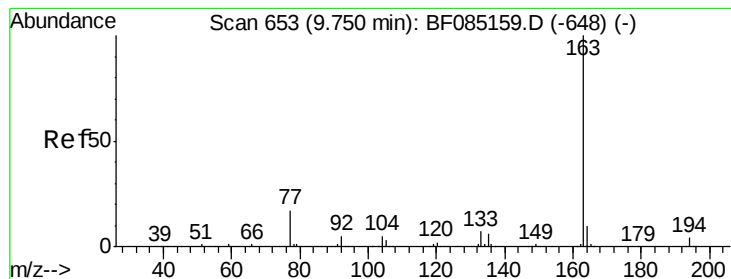
Ion Ratio Lower Upper

152 100

151 21.0 17.5 26.3

153 14.1 11.3 16.9





#49

Dimethylphthalate

Concen: 57.73 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

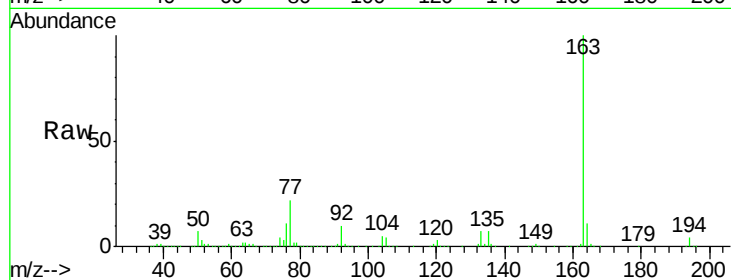
Tgt Ion:163 Resp: 1224857

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

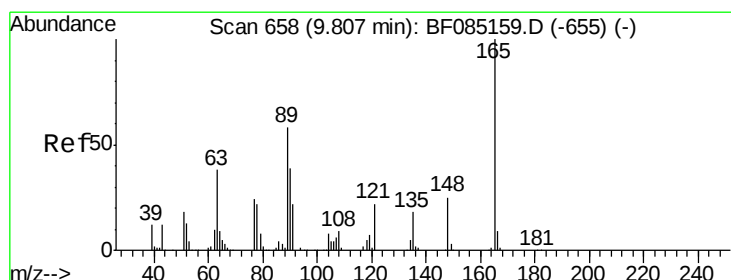
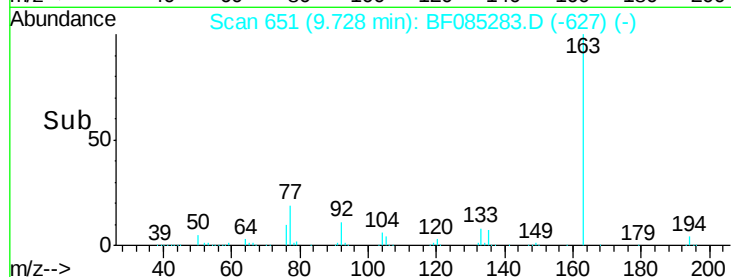
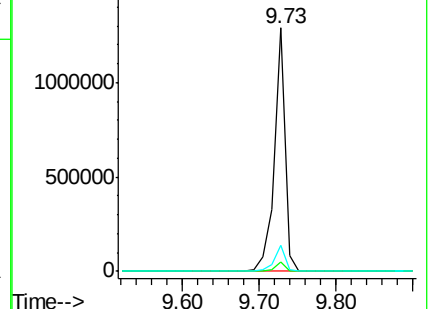
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.24 ng

RT: 9.78 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

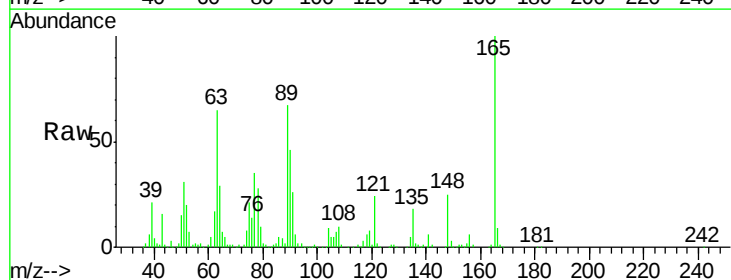
Tgt Ion:165 Resp: 200788

Ion Ratio Lower Upper

165 100

63 65.1 41.8 62.8#

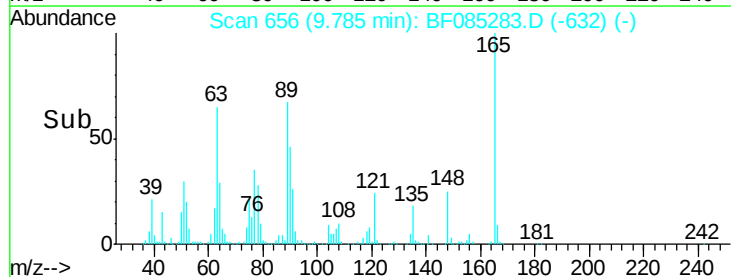
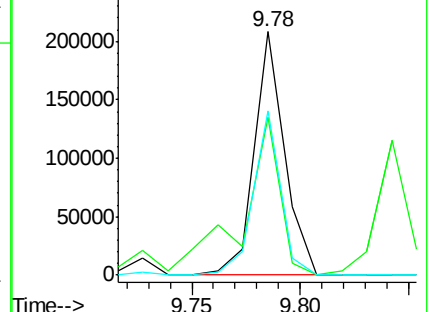
89 67.4 46.7 70.1

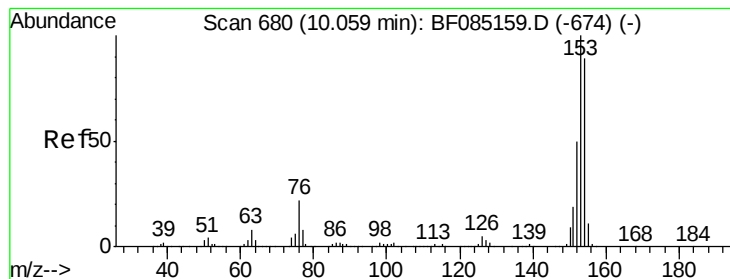


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.56 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

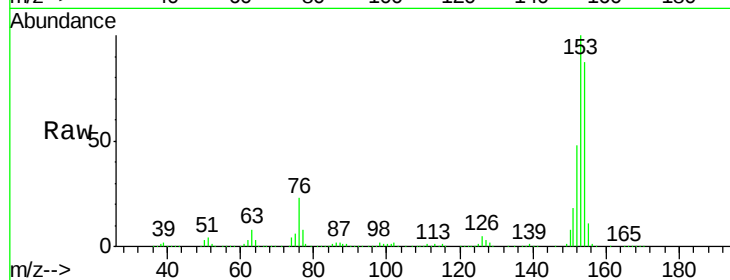
Tgt Ion:154 Resp: 843068

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.8

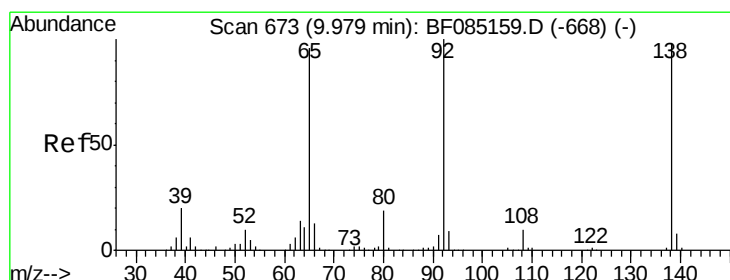
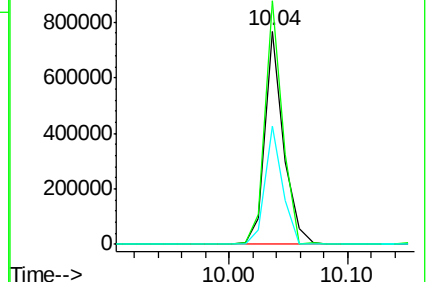
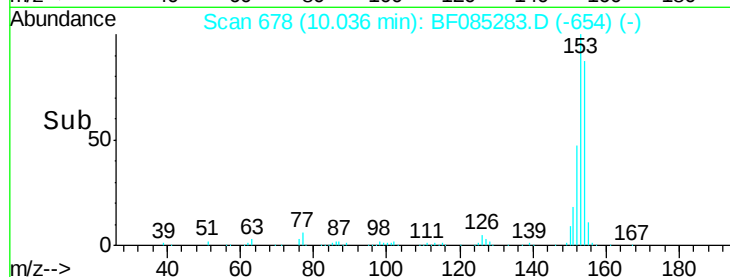
152 55.2 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.79 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

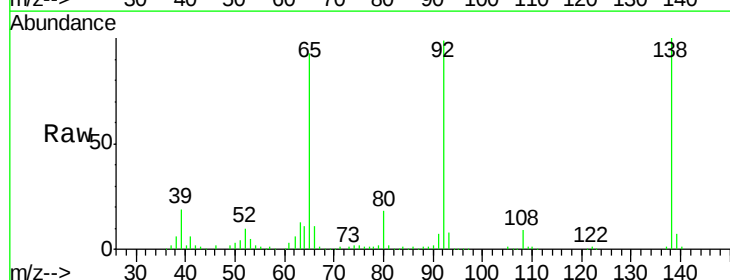
Tgt Ion:138 Resp: 156344

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

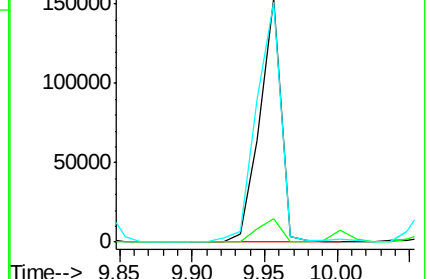
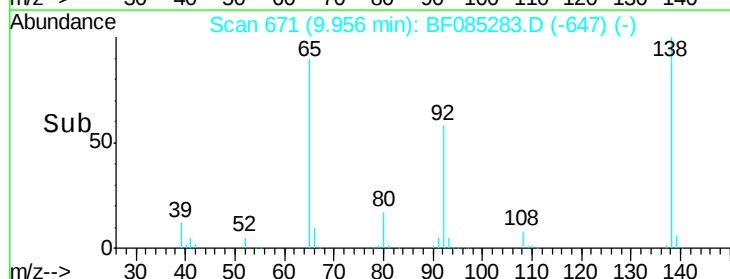
92 98.5 81.3 121.9

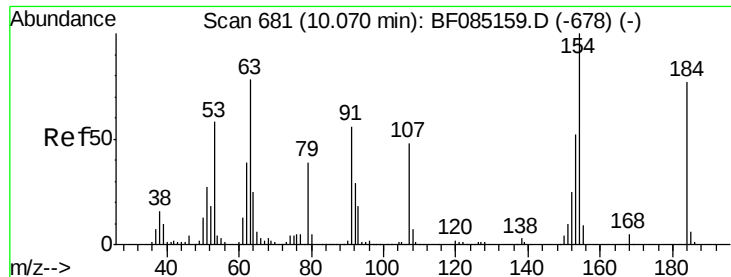


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

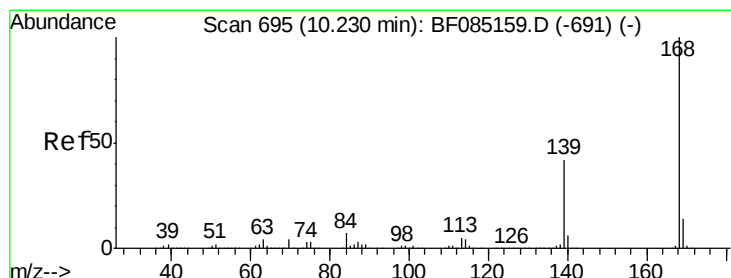
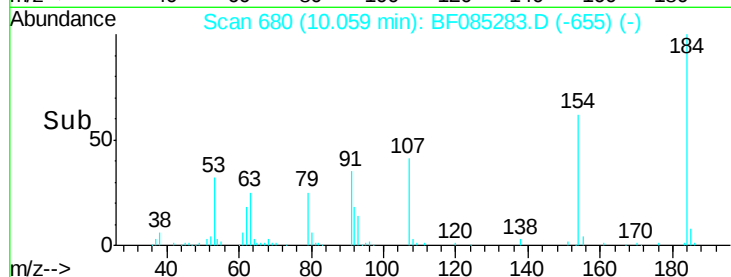
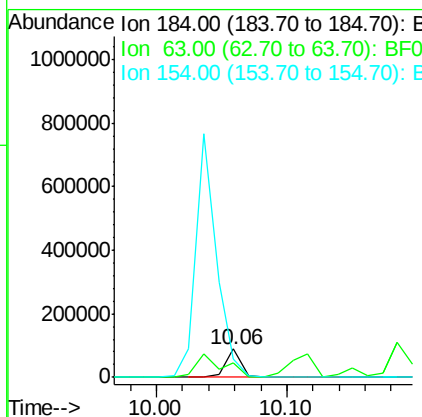
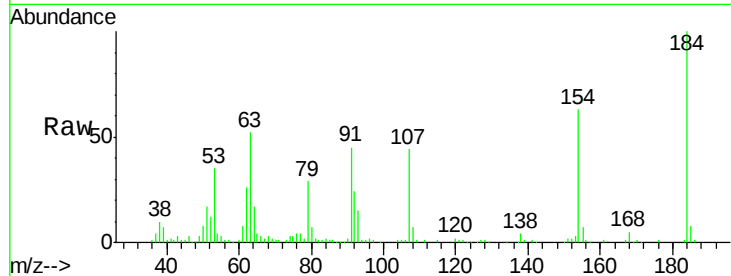




#53  
 2,4-Dinitrophenol  
 Concen: 37.37 ng  
 RT: 10.06 min Scan# 680  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

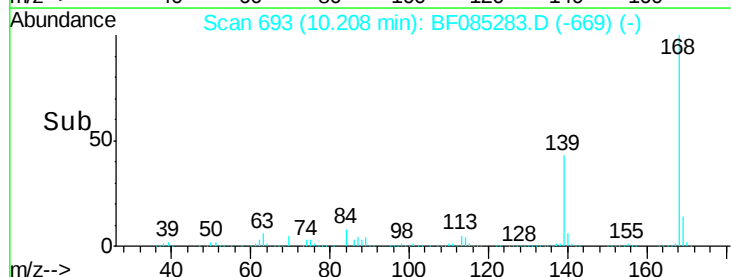
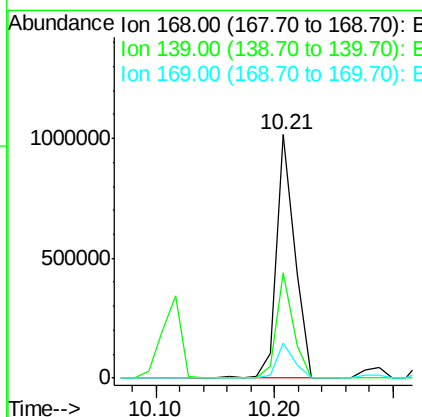
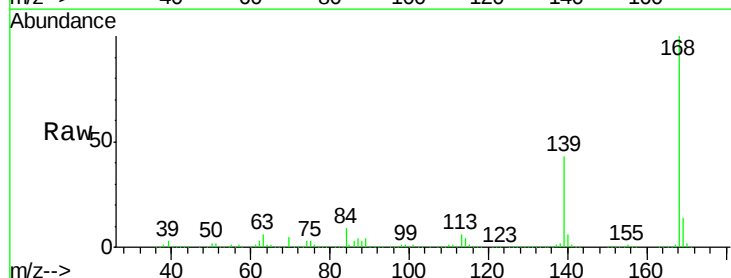
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

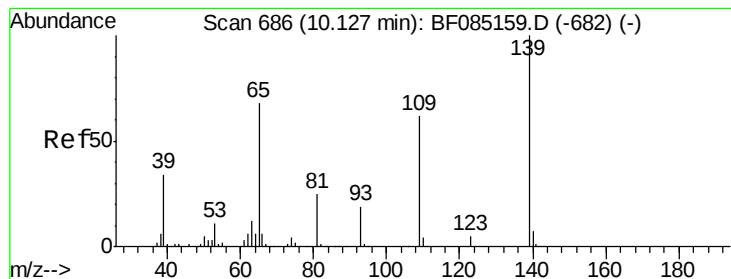
Tgt Ion:184 Resp: 75113  
 Ion Ratio Lower Upper  
 184 100  
 63 51.8 82.2 123.4#  
 154 63.4 108.9 163.3#



#54  
 Dibenzofuran  
 Concen: 48.42 ng  
 RT: 10.21 min Scan# 693  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:168 Resp: 1078998  
 Ion Ratio Lower Upper  
 168 100  
 139 43.3 33.6 50.4  
 169 14.2 11.2 16.8





#55

4-Nitrophenol

Concen: 92.27 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

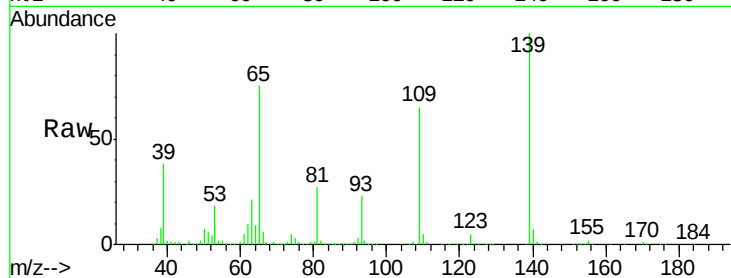
Tgt Ion:139 Resp: 393721

Ion Ratio Lower Upper

139 100

109 65.2 41.9 81.9

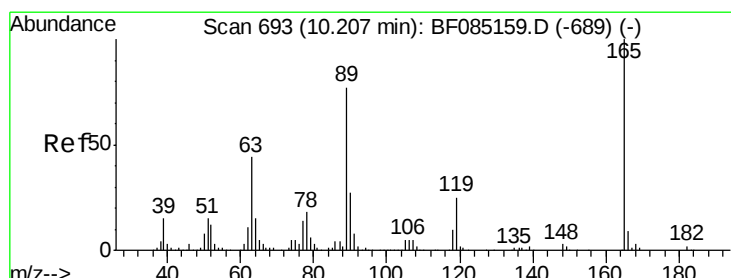
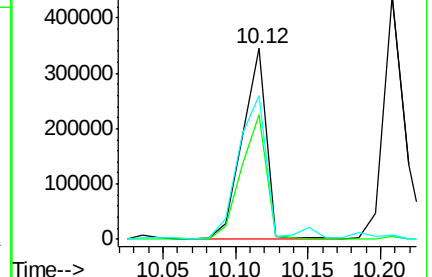
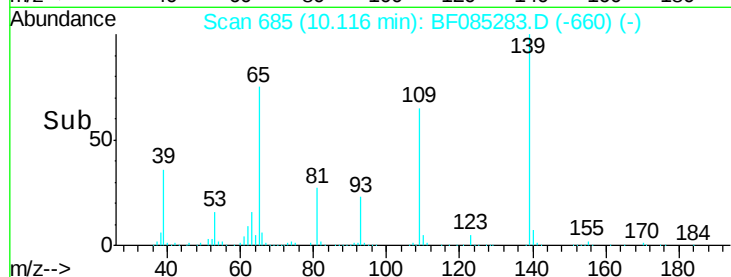
65 75.2 48.3 88.3



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: 49.34 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Tgt Ion:165 Resp: 286561

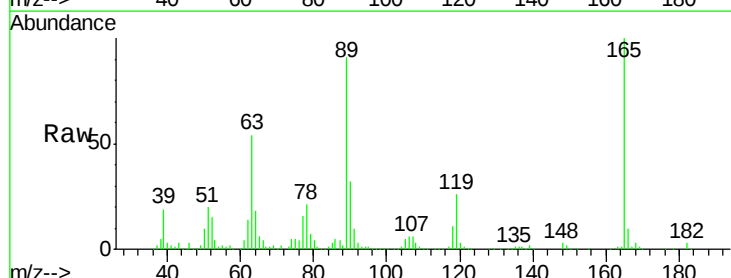
Ion Ratio Lower Upper

165 100

63 53.9 35.4 53.0#

89 91.0 61.9 92.9

182 2.5 1.9 2.9

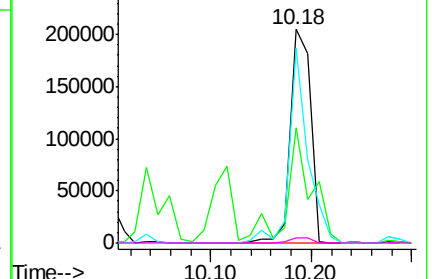
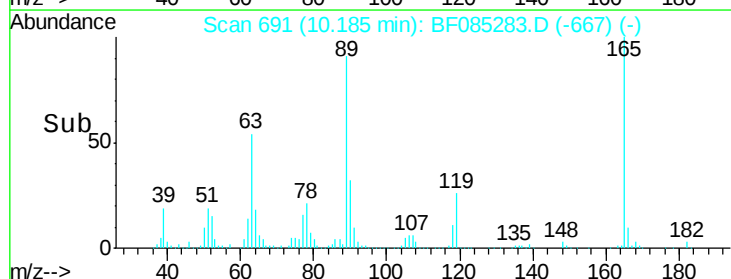


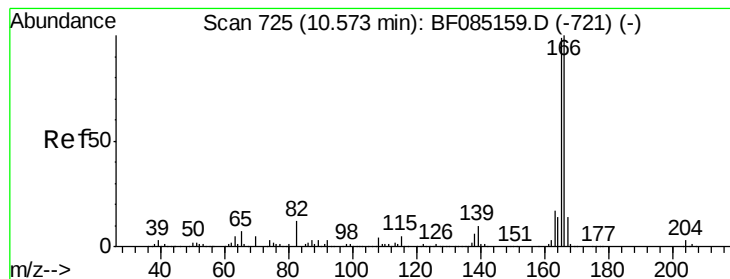
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.32 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

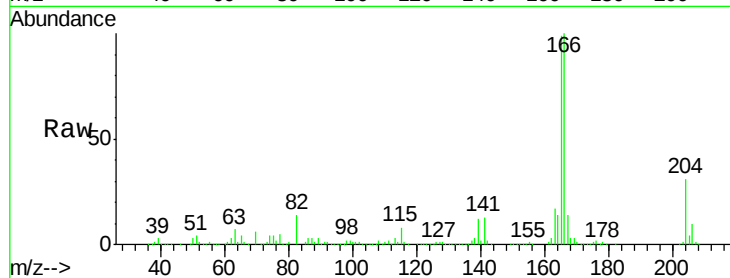
Tgt Ion:166 Resp: 828413

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.0

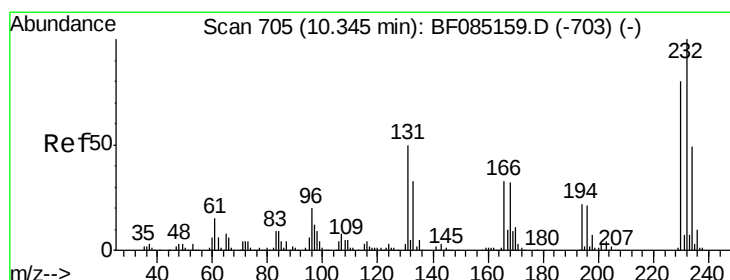
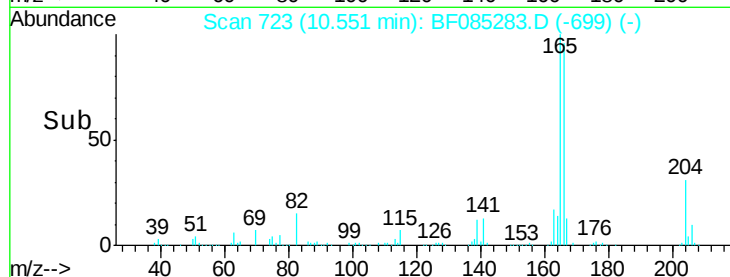
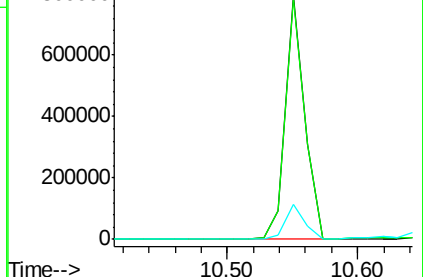
167 14.2 11.0 16.6



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: 50.22 ng

RT: 10.32 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Tgt Ion:232 Resp: 196843

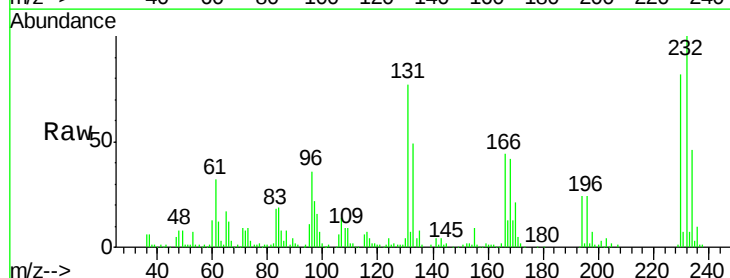
Ion Ratio Lower Upper

232 100

131 55.7 46.0 69.0

130 2.8 2.2 3.4

166 34.9 28.8 43.2

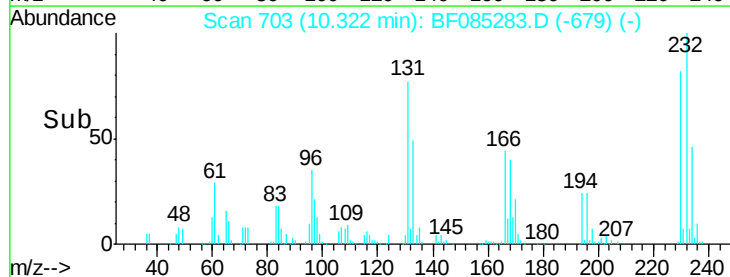
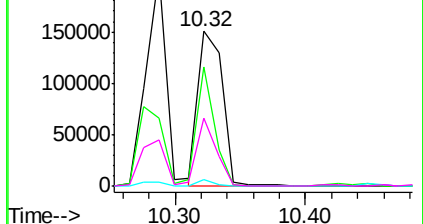


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

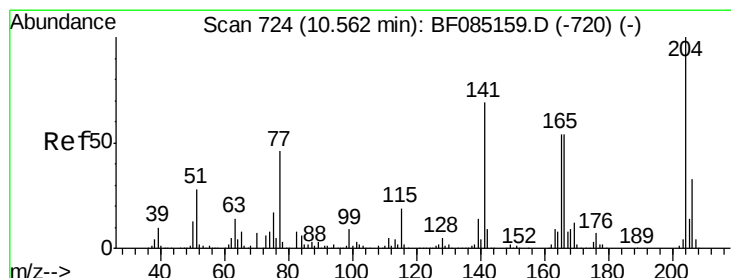
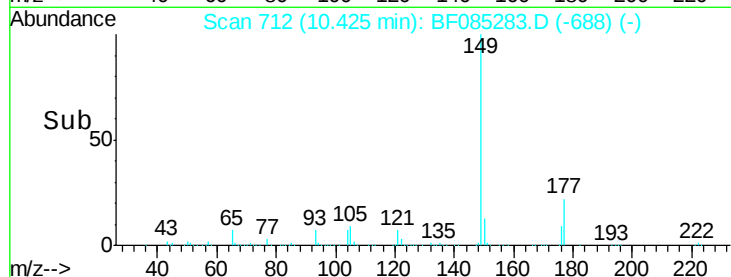
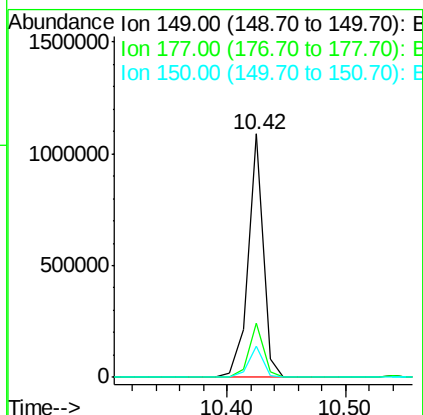
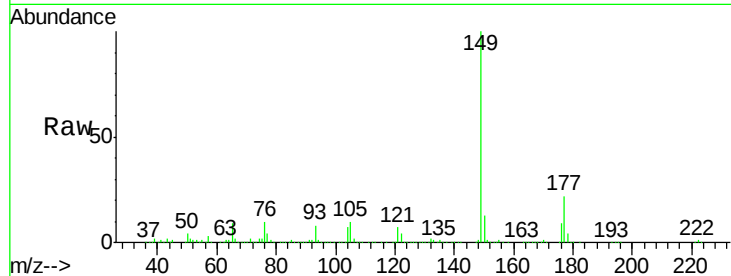




#59  
Diethylphthalate  
Concen: 46.88 ng  
RT: 10.42 min Scan# 712  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

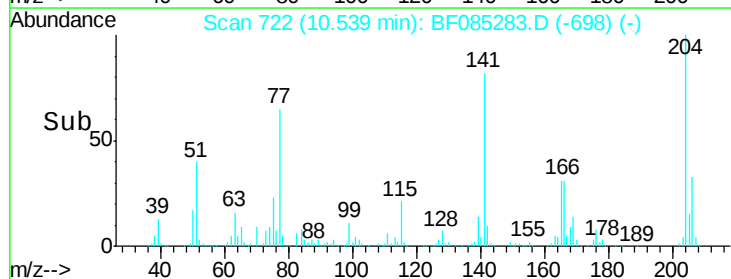
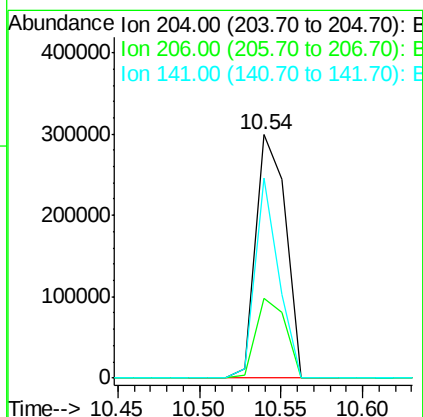
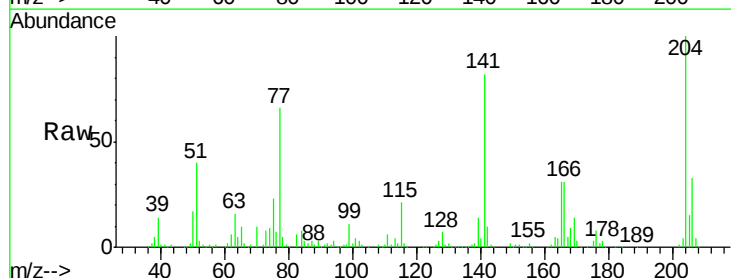
Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

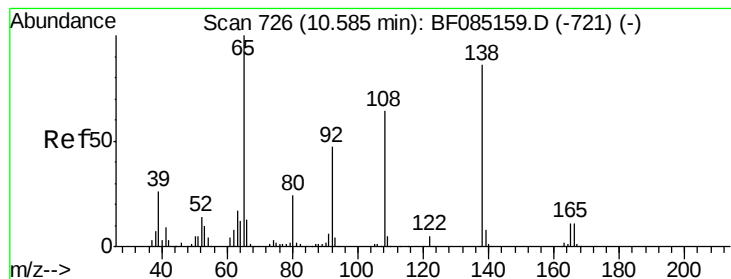
Tgt Ion:149 Resp: 965210  
Ion Ratio Lower Upper  
149 100  
177 22.0 19.2 28.8  
150 13.0 9.9 14.9



#60  
4-Chlorophenyl-phenylether  
Concen: 44.77 ng  
RT: 10.54 min Scan# 722  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion:204 Resp: 381332  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 82.3 55.4 83.2





#61

4-Nitroaniline

Concen: 41.05 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

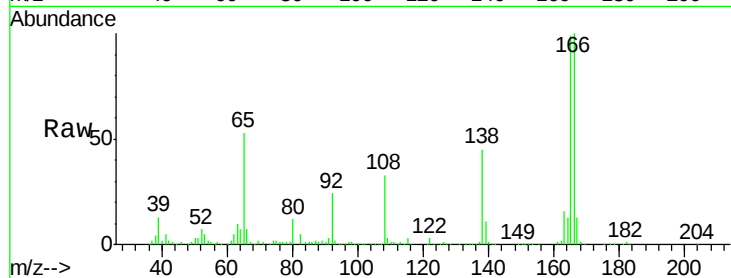
Tgt Ion:138 Resp: 208477

Ion Ratio Lower Upper

138 100

92 53.1 34.2 74.2

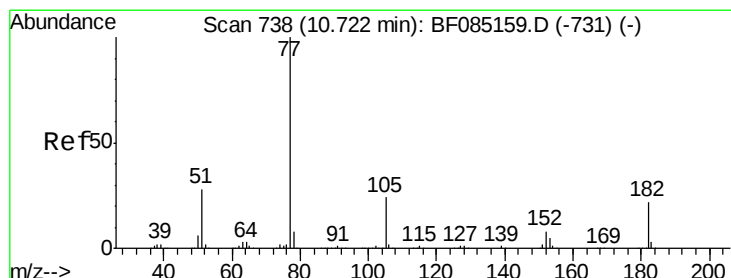
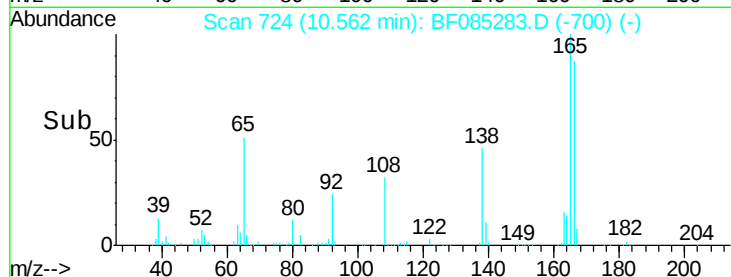
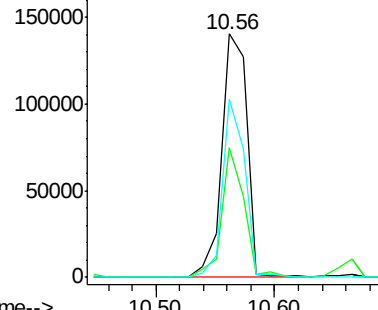
108 73.1 53.9 93.9



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: 48.50 ng

RT: 10.70 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Tgt Ion: 77 Resp: 983723

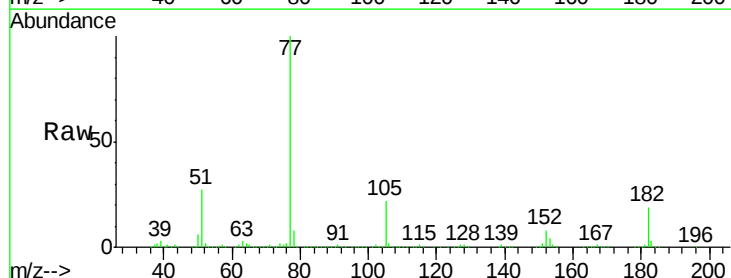
Ion Ratio Lower Upper

77 100

182 19.0 2.1 42.1

105 22.1 3.8 43.8

51 27.5 7.8 47.8

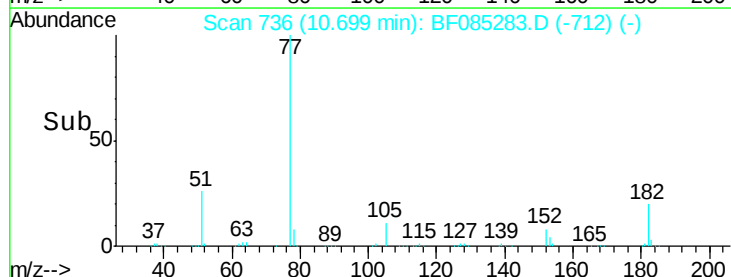
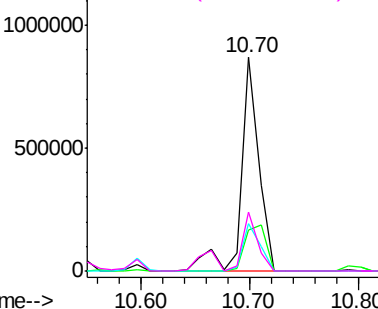


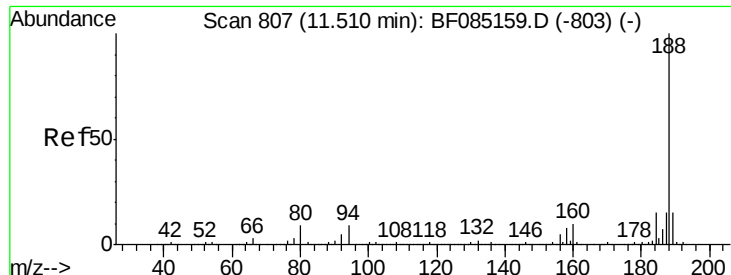
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

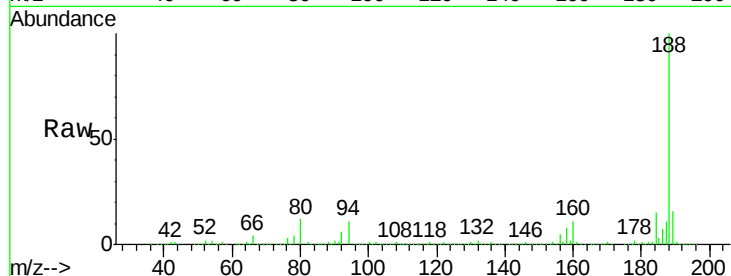




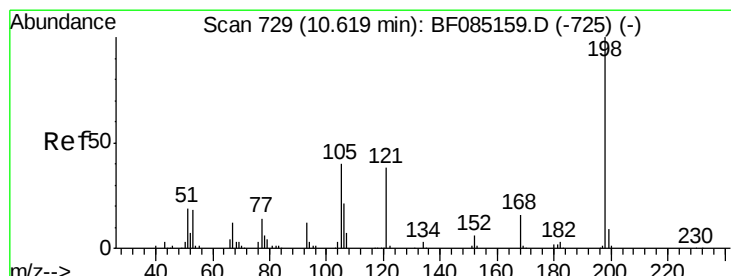
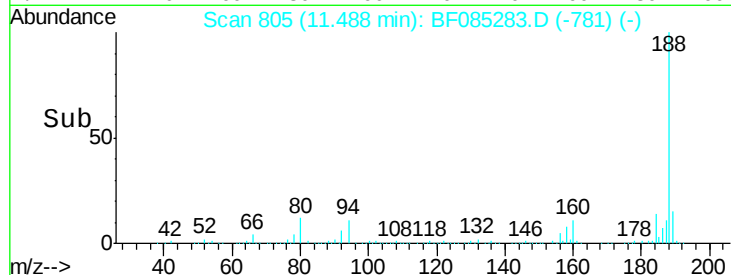
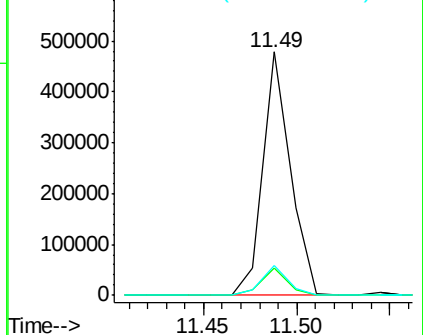
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.49 min Scan# 805  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

Tgt Ion:188 Resp: 487923  
Ion Ratio Lower Upper  
188 100  
94 11.4 7.0 10.6#  
80 12.1 7.4 11.0#

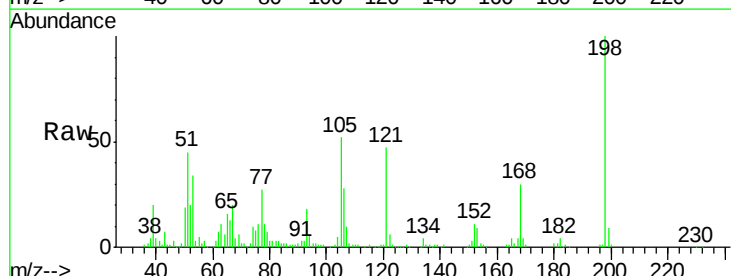


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

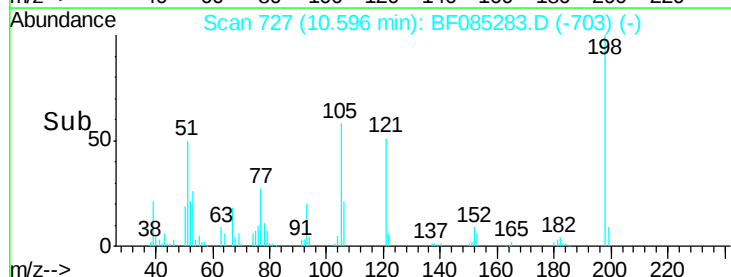
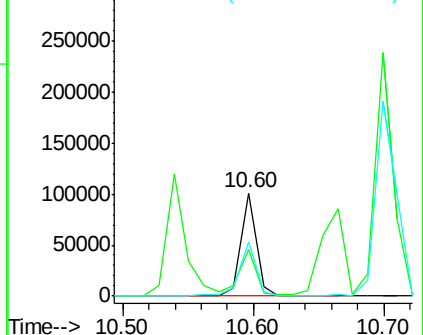


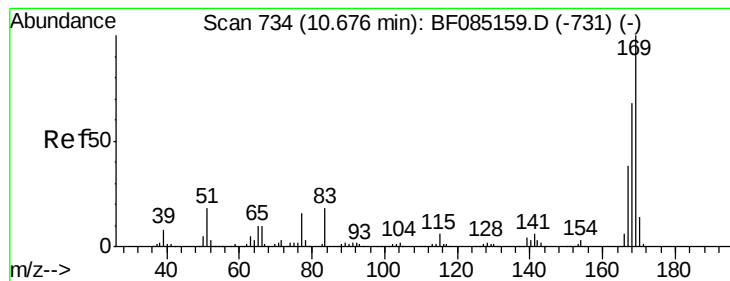
#64  
4,6-Dinitro-2-methylphenol  
Concen: 28.45 ng  
RT: 10.60 min Scan# 727  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion:198 Resp: 83119  
Ion Ratio Lower Upper  
198 100  
51 45.1 9.5 49.5  
105 52.3 20.5 60.5



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

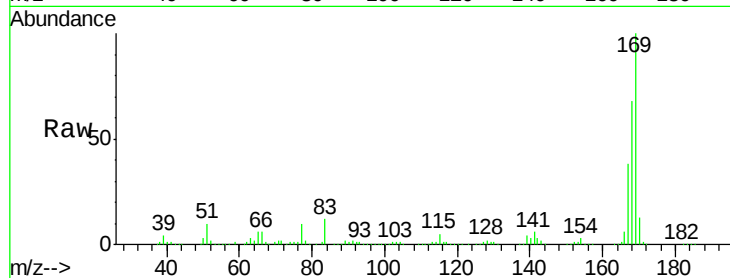




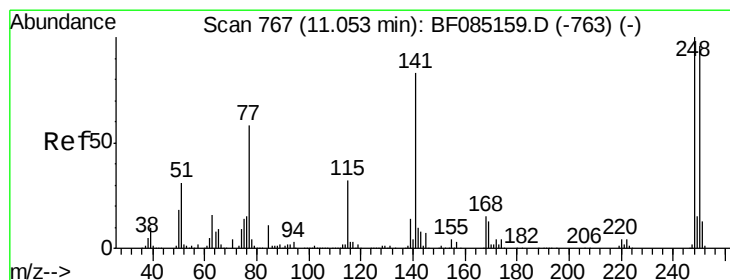
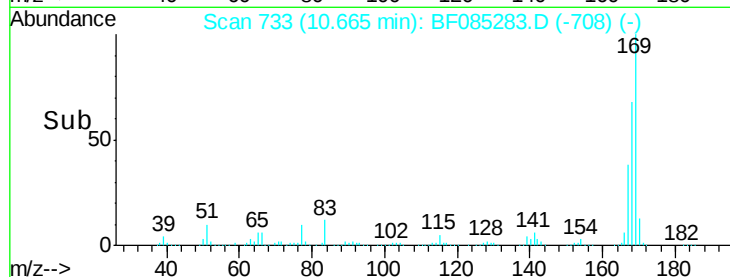
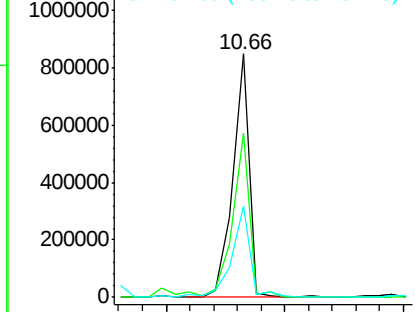
#65  
 n-Nitrosodiphenylamine  
 Concen: 52.84 ng  
 RT: 10.66 min Scan# 733  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Tgt Ion:169 Resp: 801923  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 54.8 82.2  
 167 37.7 30.3 45.5

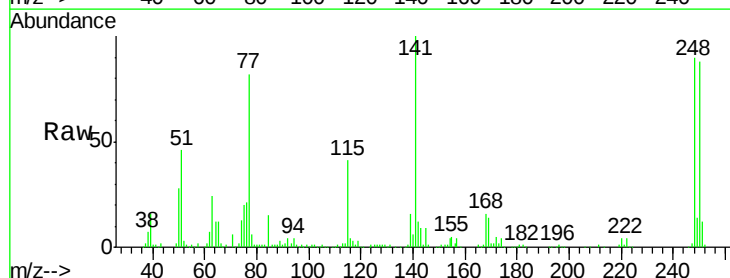


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

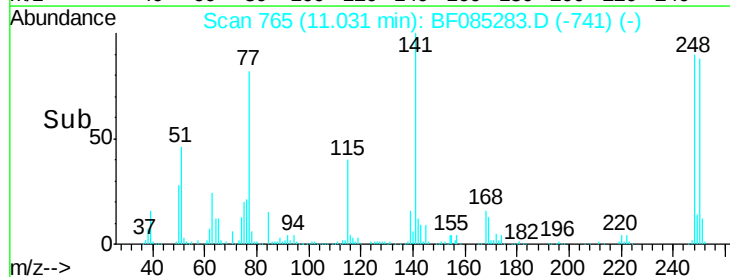
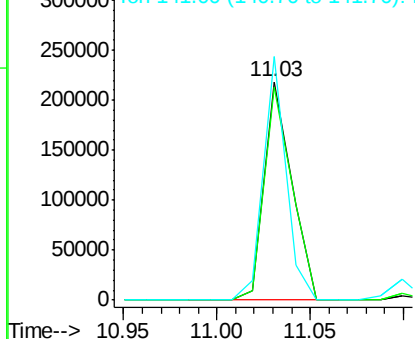


#66  
 4-Bromophenyl-phenylether  
 Concen: 46.91 ng  
 RT: 11.03 min Scan# 765  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:248 Resp: 222262  
 Ion Ratio Lower Upper  
 248 100  
 250 97.5 77.1 115.7  
 141 111.4 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

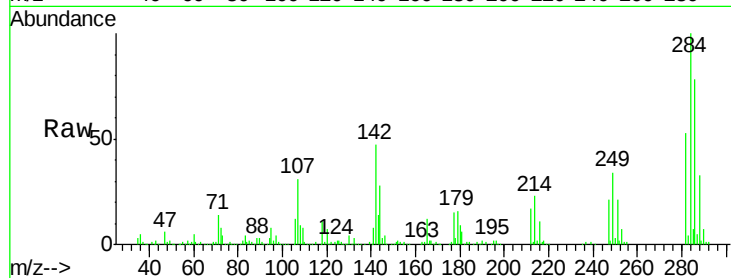




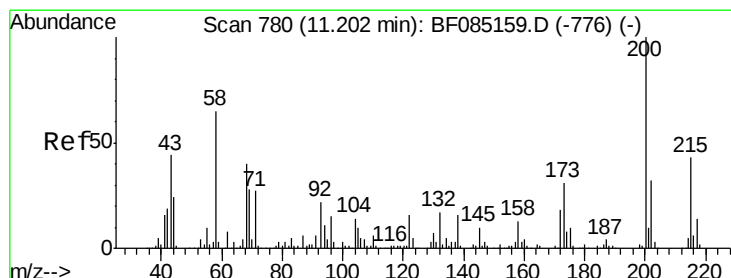
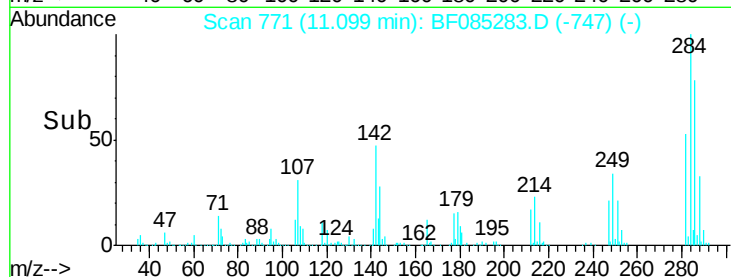
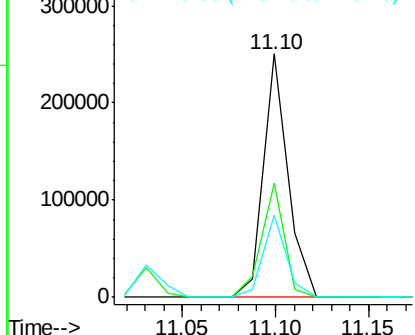
#67  
Hexachlorobenzene  
Concen: 45.64 ng  
RT: 11.10 min Scan# 771  
Delta R.T. -0.02 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

Tgt Ion: 284 Resp: 230670  
Ion Ratio Lower Upper  
284 100  
142 47.0 24.9 37.3#  
249 33.7 25.0 37.4

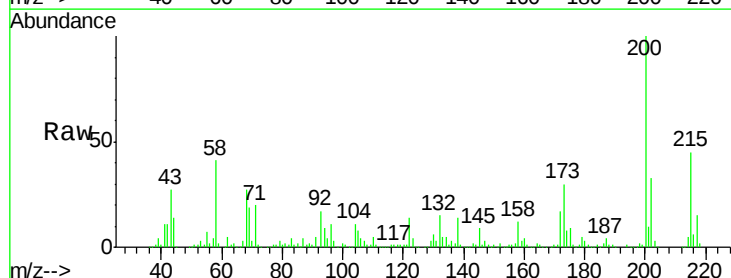


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

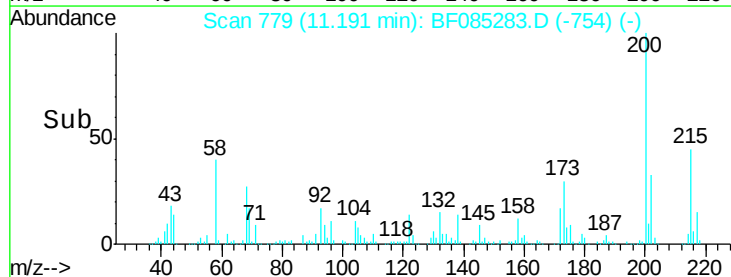
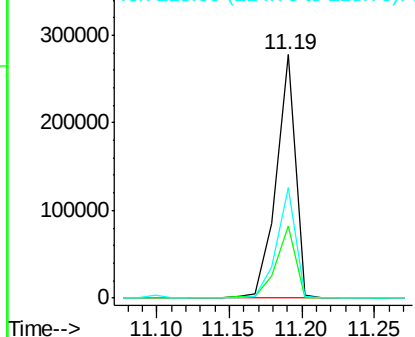


#68  
Atrazine  
Concen: 60.47 ng  
RT: 11.19 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion: 200 Resp: 255203  
Ion Ratio Lower Upper  
200 100  
173 29.6 10.5 50.5  
215 45.2 23.4 63.4



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

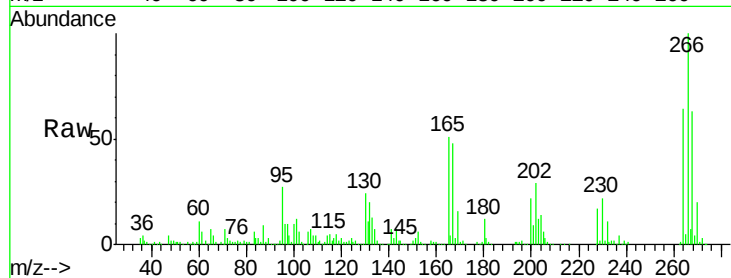




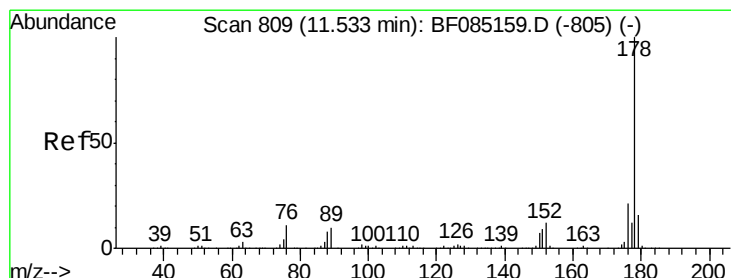
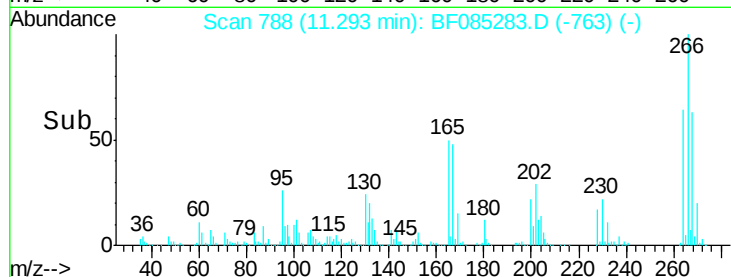
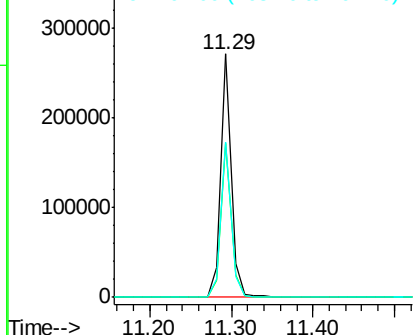
#69  
 Pentachlorophenol  
 Concen: 86.21 ng  
 RT: 11.29 min Scan# 788  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Tgt Ion:266 Resp: 241863  
 Ion Ratio Lower Upper  
 266 100  
 268 63.0 50.0 75.0  
 264 63.9 51.4 77.2

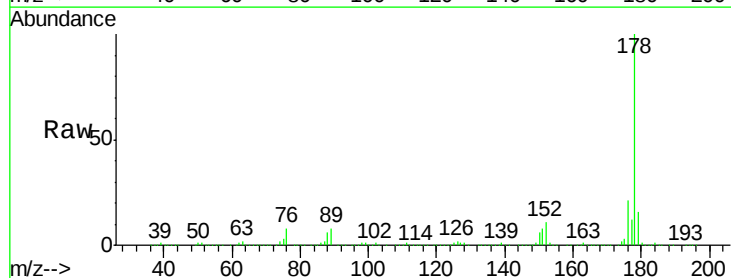


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

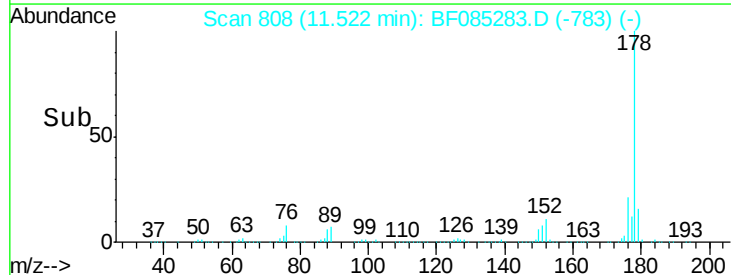
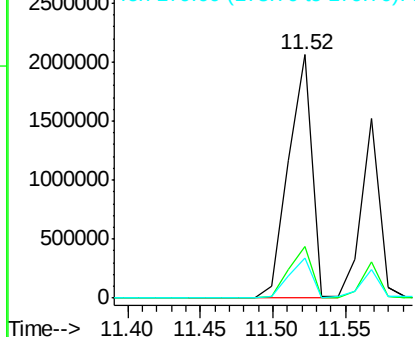


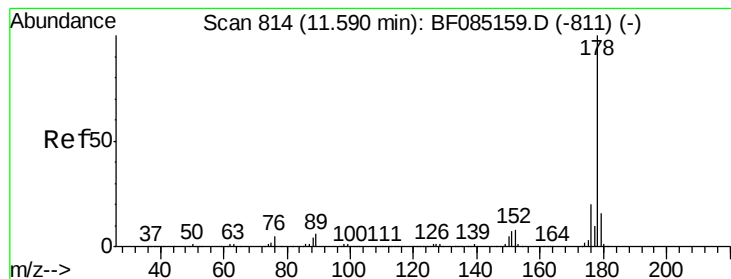
#70  
 Phenanthrene  
 Concen: 90.24 ng  
 RT: 11.52 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:178 Resp: 2307400  
 Ion Ratio Lower Upper  
 178 100  
 176 21.0 16.8 25.2  
 179 16.4 13.1 19.7



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: 49.06 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

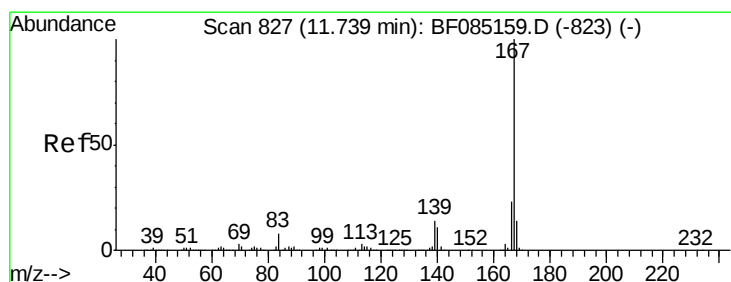
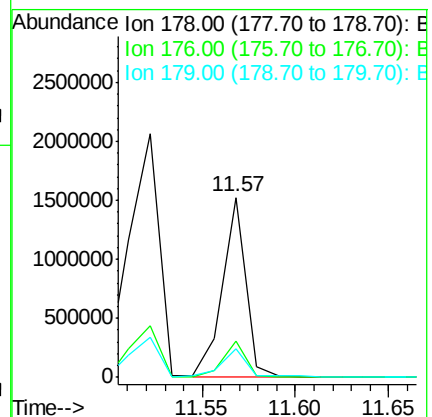
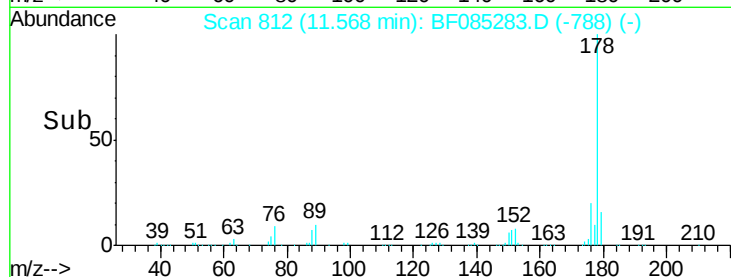
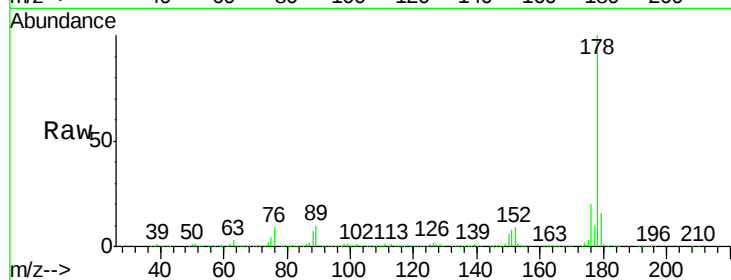
Tgt Ion:178 Resp: 1331857

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 16.2 12.5 18.7



#72

Carbazole

Concen: 42.28 ng

RT: 11.72 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

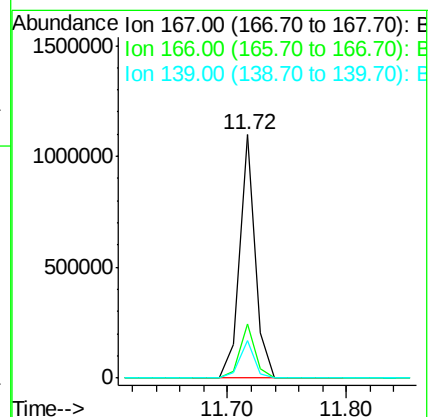
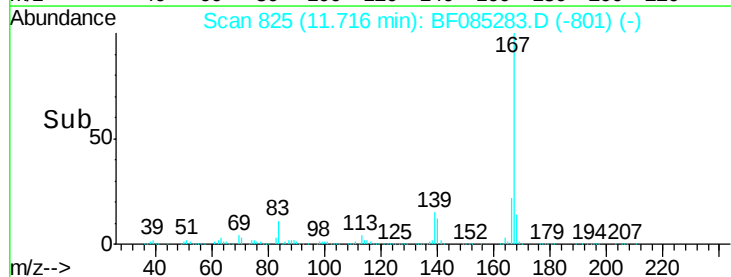
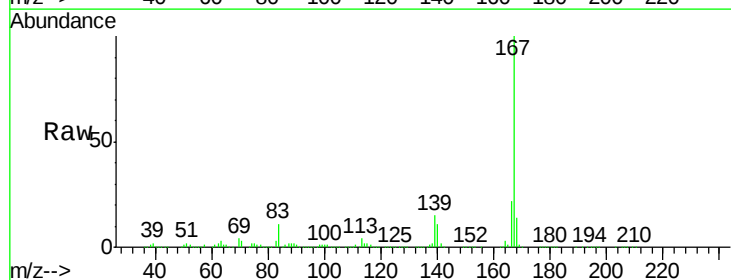
Tgt Ion:167 Resp: 1006368

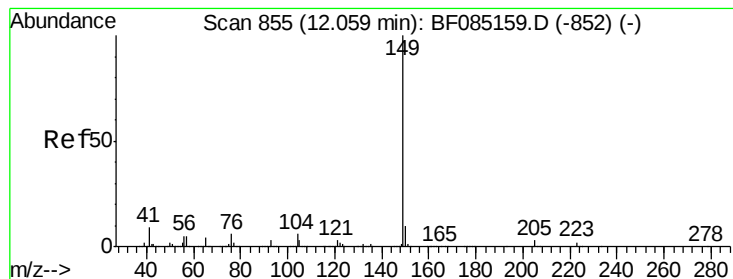
Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

139 15.2 11.4 17.0





#73

Di-n-butylphthalate

Concen: 45.95 ng

RT: 12.05 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

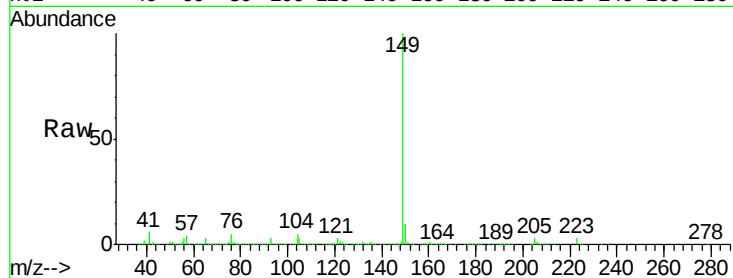
Tgt Ion:149 Resp: 1382515

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

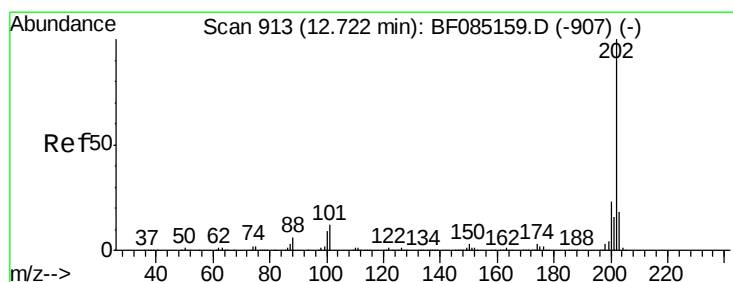
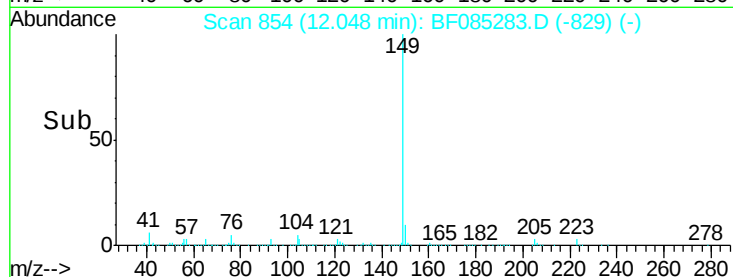
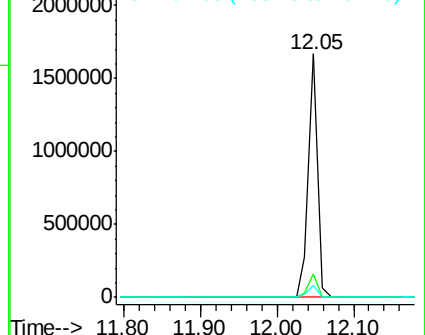
104 5.0 4.7 7.1



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: 78.36 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

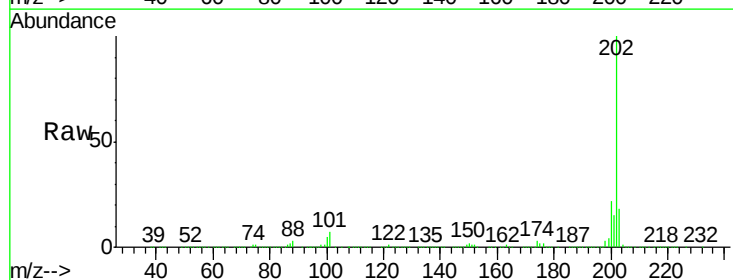
Tgt Ion:202 Resp: 2010855

Ion Ratio Lower Upper

202 100

101 7.2 0.0 31.8

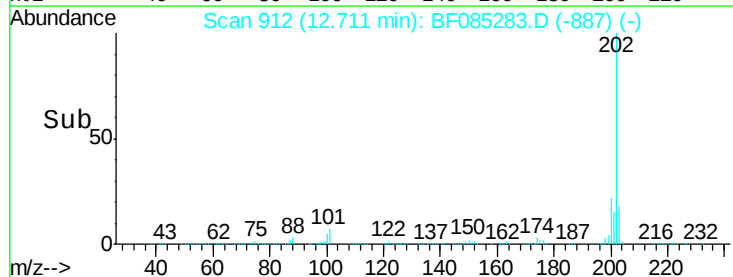
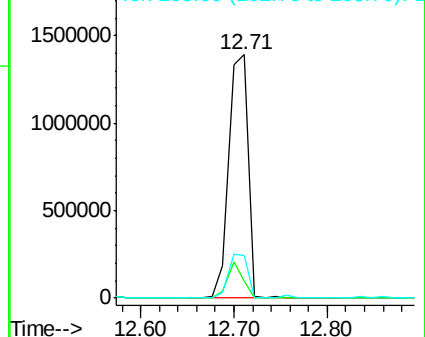
203 17.8 0.0 38.4

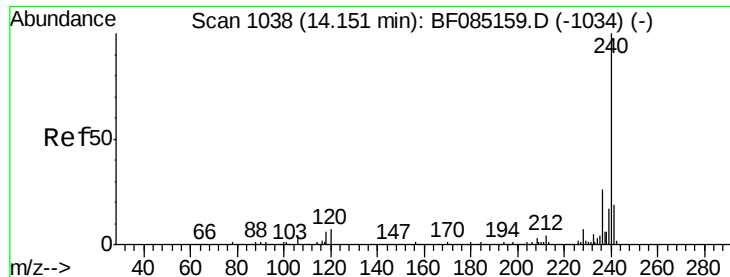


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

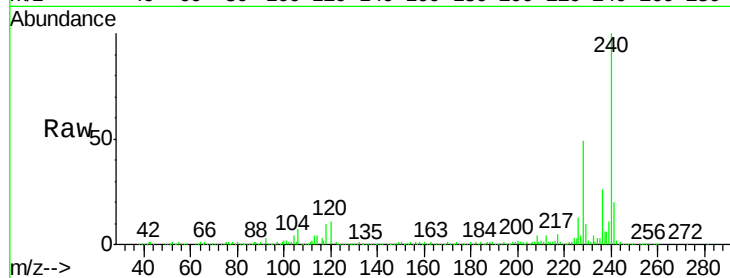
Tgt Ion:240 Resp: 327353

Ion Ratio Lower Upper

240 100

120 11.2 5.3 7.9#

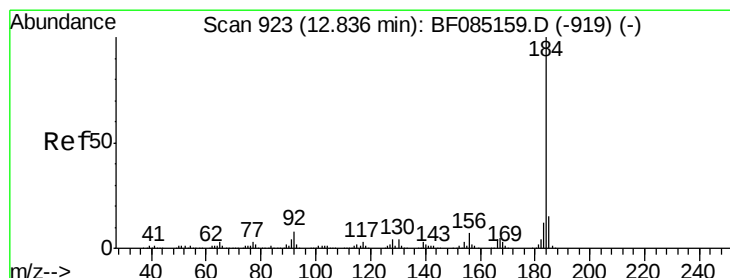
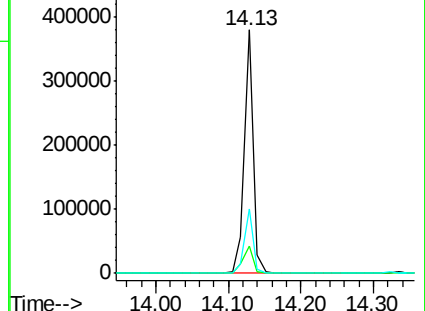
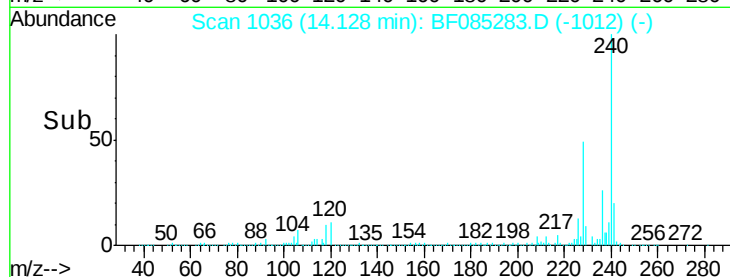
236 26.3 20.7 31.1



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: 45.91 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

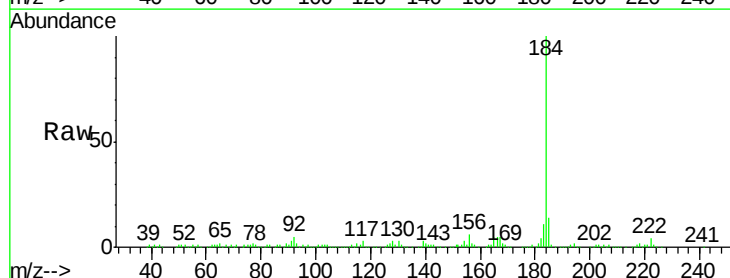
Tgt Ion:184 Resp: 447331

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

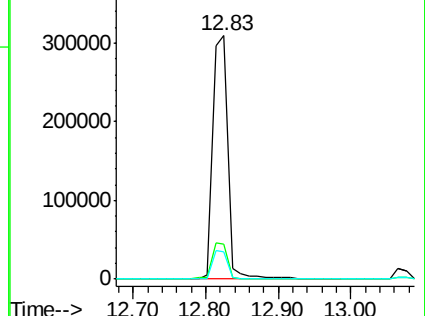
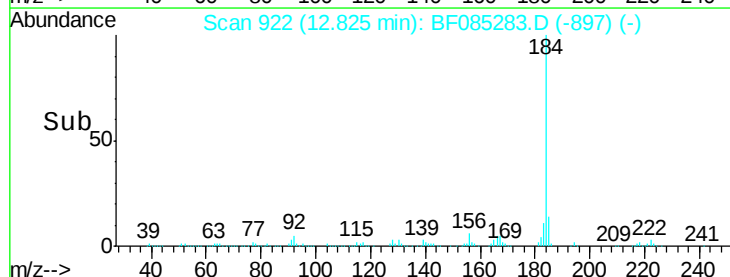
183 11.5 9.4 14.2

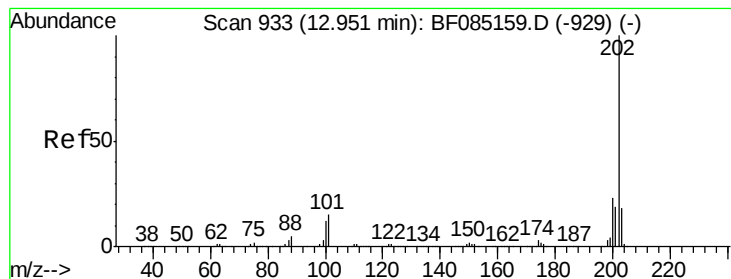


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 81.53 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

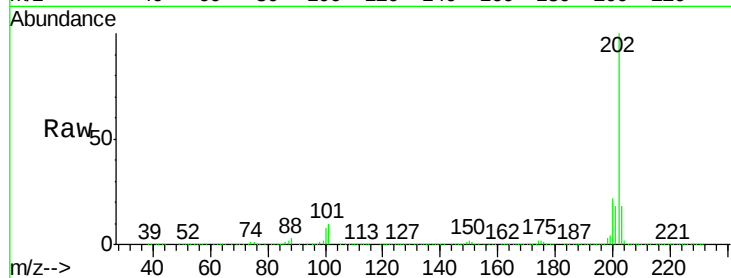
Tgt Ion:202 Resp: 2008749

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.4

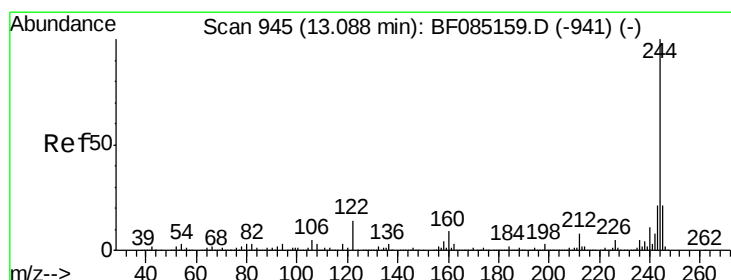
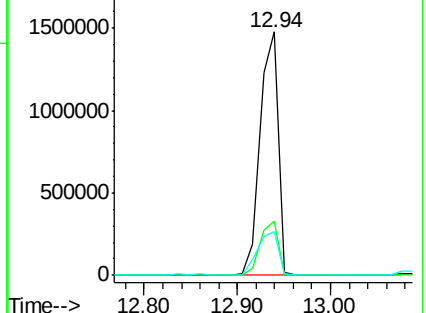
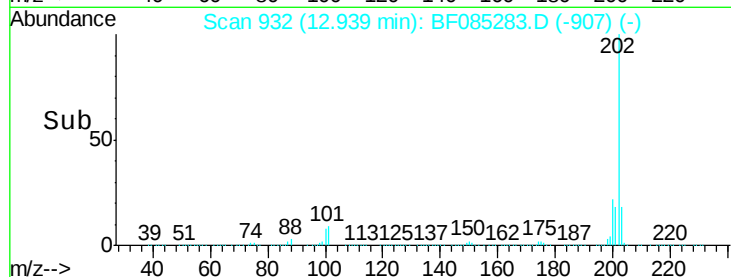
203 17.9 14.7 22.1



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: 82.88 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

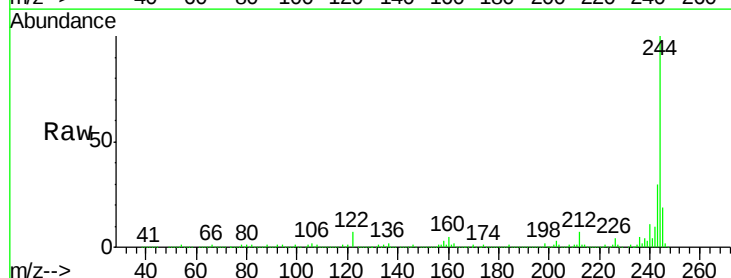
Tgt Ion:244 Resp: 1168788

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

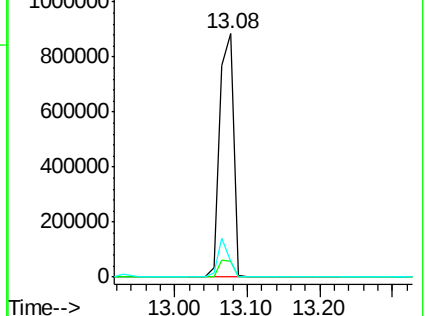
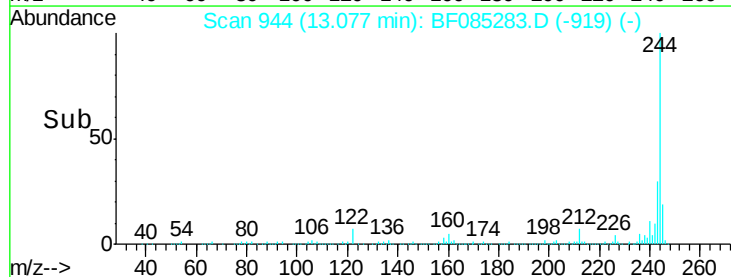
122 6.6 11.4 17.2#

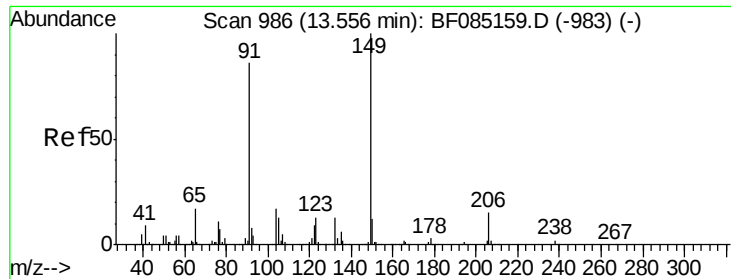


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.30 ng

RT: 13.55 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

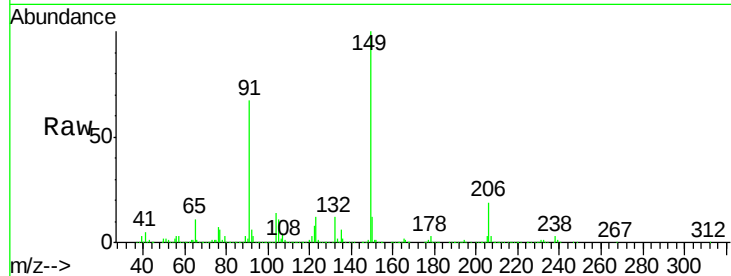
Tgt Ion:149 Resp: 517614

Ion Ratio Lower Upper

149 100

91 66.6 69.0 103.4#

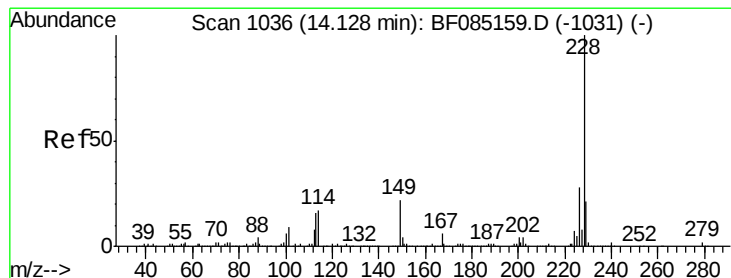
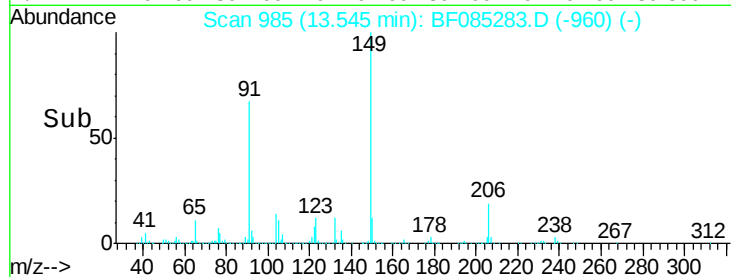
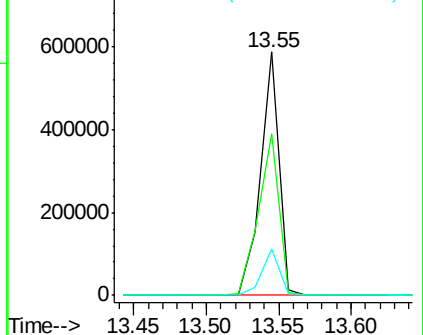
206 19.1 12.3 18.5#



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: 60.79 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

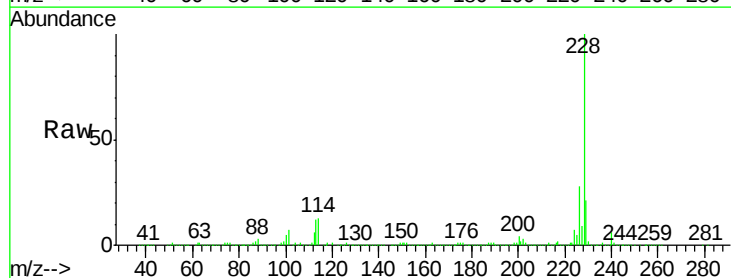
Tgt Ion:228 Resp: 1191311

Ion Ratio Lower Upper

228 100

226 28.5 22.8 34.2

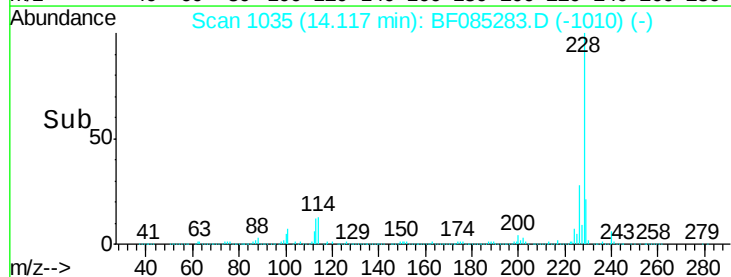
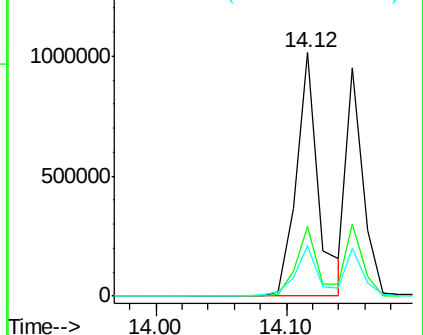
229 20.6 16.6 24.8

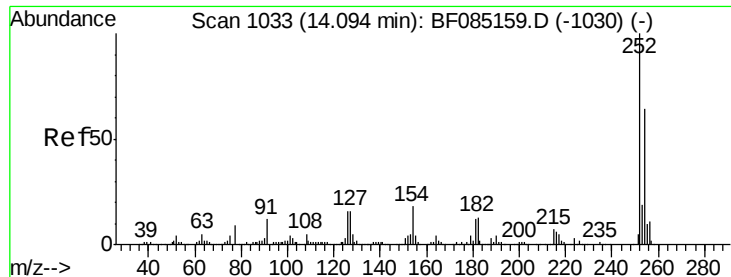


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

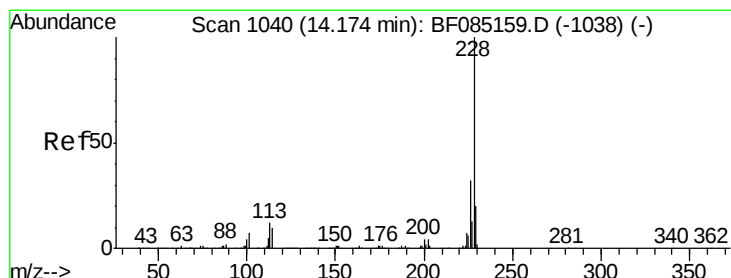
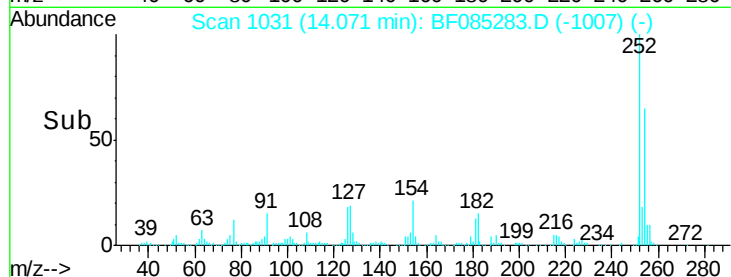
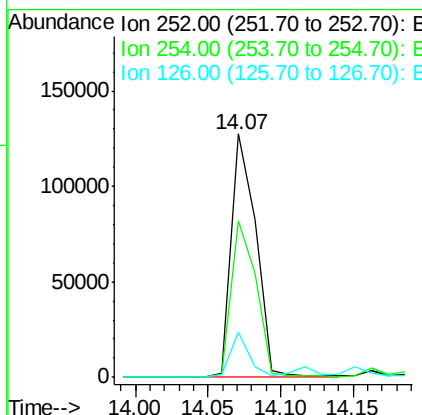
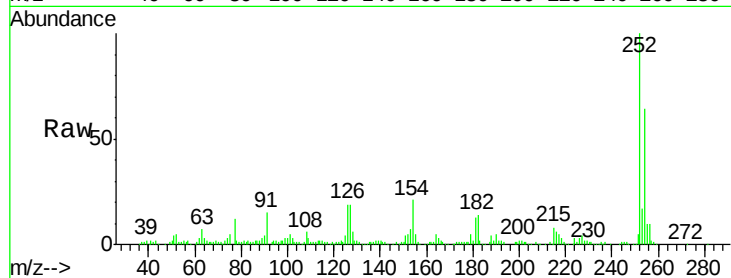




#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.43 ng  
 RT: 14.07 min Scan# 1031  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

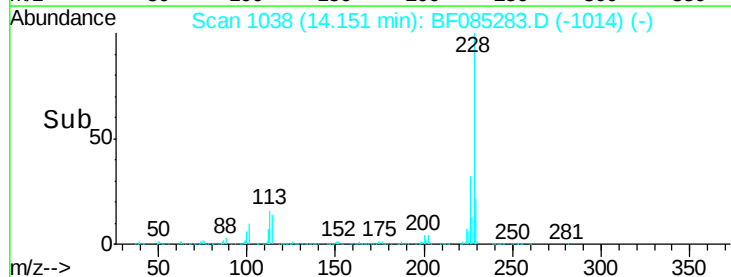
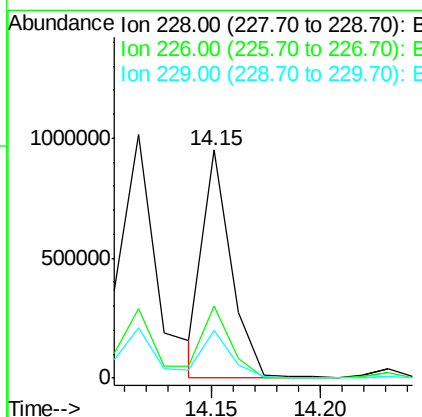
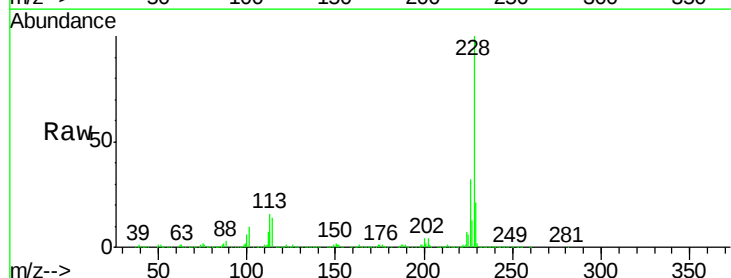
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

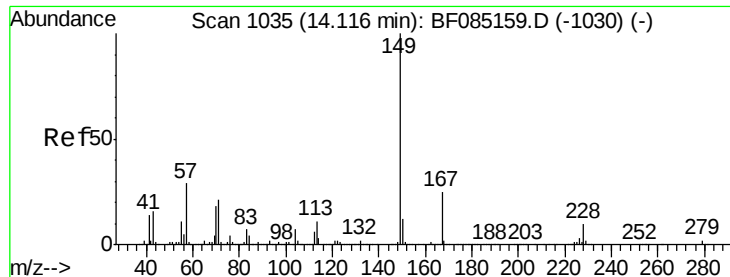
Tgt Ion:252 Resp: 151011  
 Ion Ratio Lower Upper  
 252 100  
 254 64.3 51.4 77.0  
 126 18.7 12.9 19.3



#82  
 Chrysene  
 Concen: 47.15 ng  
 RT: 14.15 min Scan# 1038  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:228 Resp: 853511  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 25.2 37.8  
 229 21.1 16.0 24.0

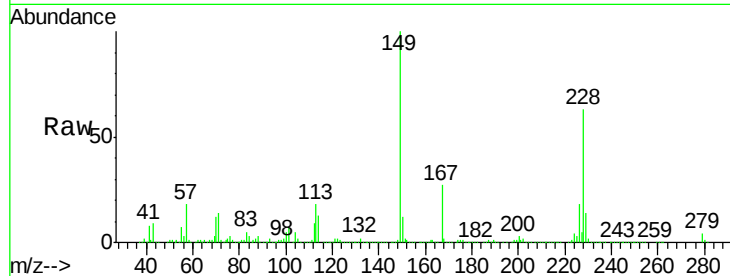




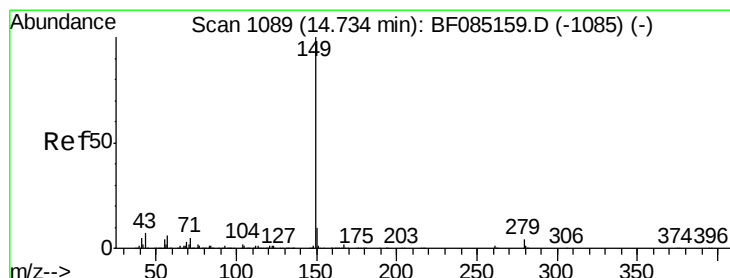
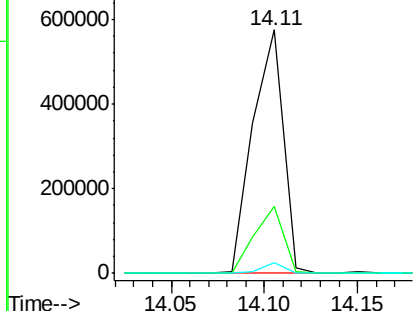
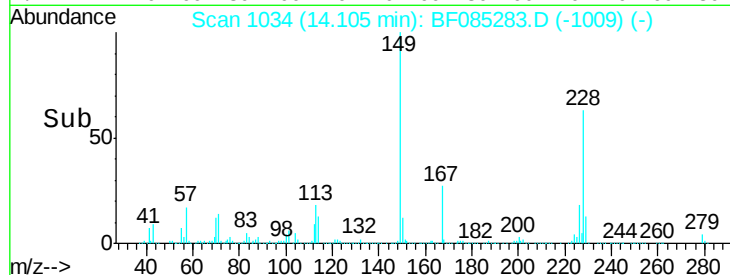
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.32 ng  
 RT: 14.11 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

Tgt Ion:149 Resp: 652005  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 20.3 30.5  
 279 4.3 1.9 2.9#

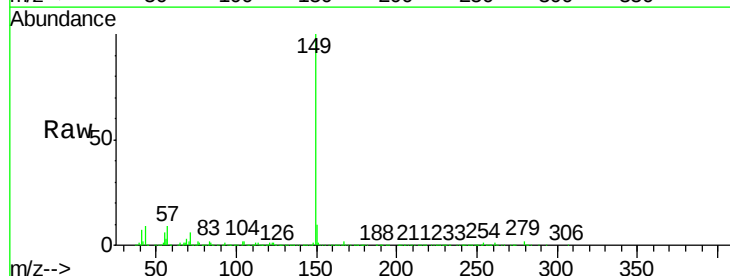


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

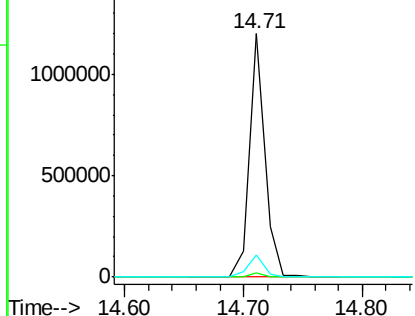
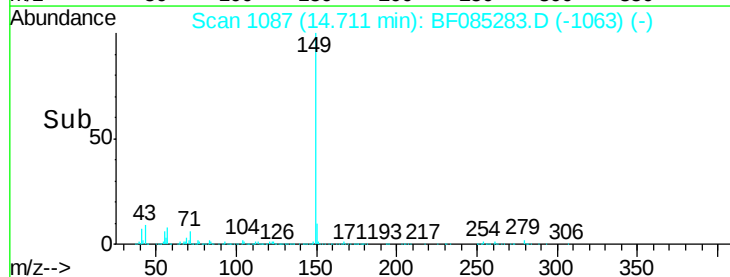


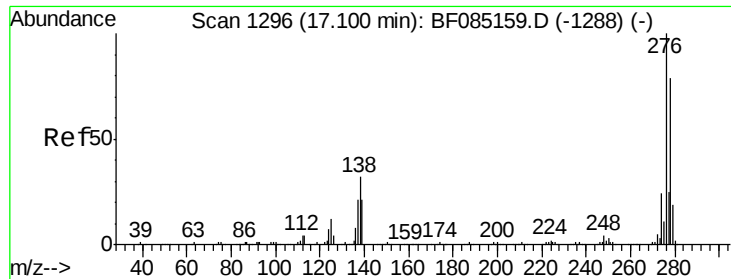
#84  
 Di-n-octyl phthalate  
 Concen: 48.87 ng  
 RT: 14.71 min Scan# 1087  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:149 Resp: 1095006  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.1 1.7  
 43 9.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0

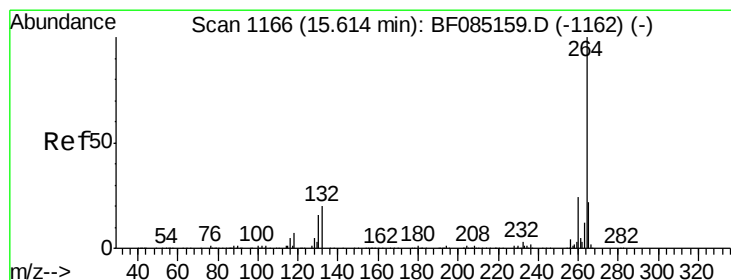
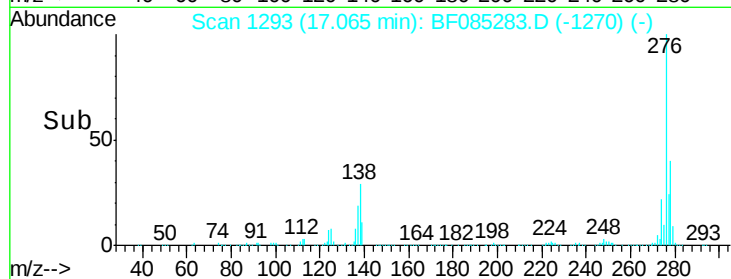
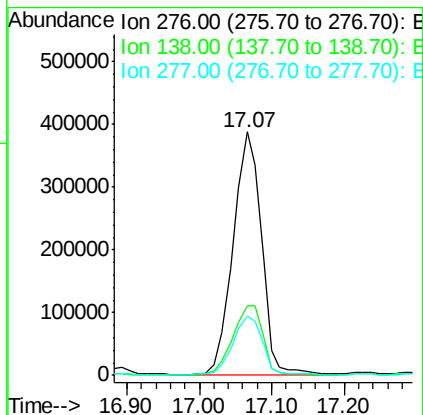
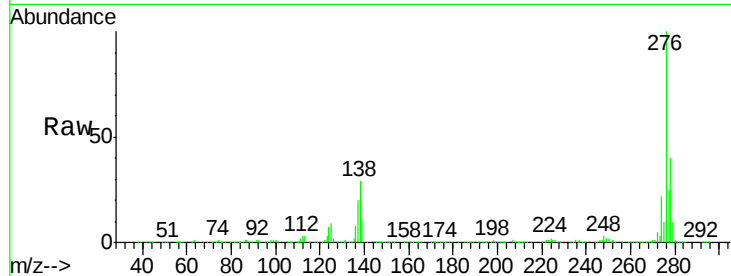




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 74.40 ng  
 RT: 17.07 min Scan# 1293  
 Delta R.T. -0.03 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

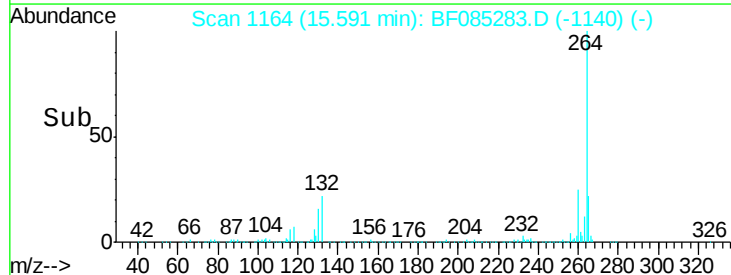
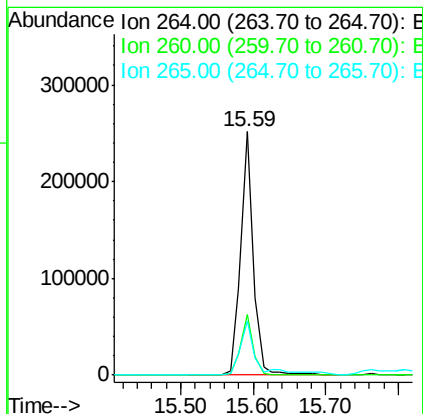
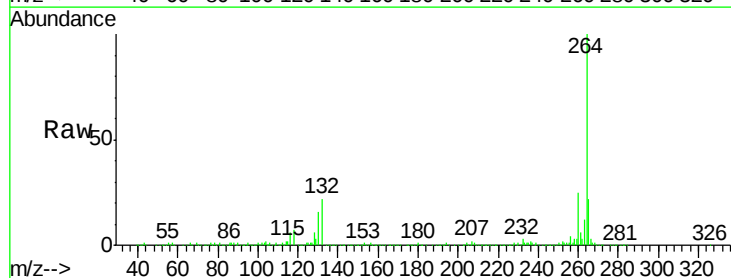
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-41COMP(0.5-5.0)MS

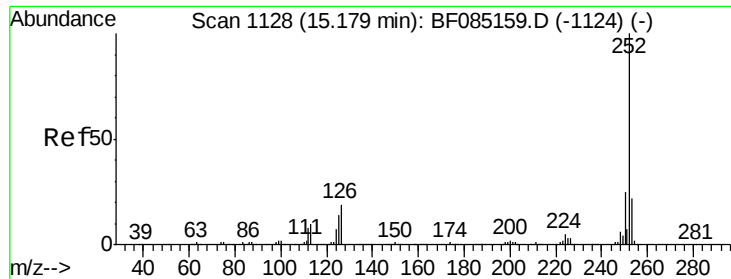
Tgt Ion:276 Resp: 1051114  
 Ion Ratio Lower Upper  
 276 100  
 138 30.6 26.4 39.6  
 277 25.7 20.2 30.2



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.59 min Scan# 1164  
 Delta R.T. -0.02 min  
 Lab File: BF085283.D  
 Acq: 9 Mar 2016 4:11

Tgt Ion:264 Resp: 307302  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.2 28.8  
 265 22.0 17.3 25.9

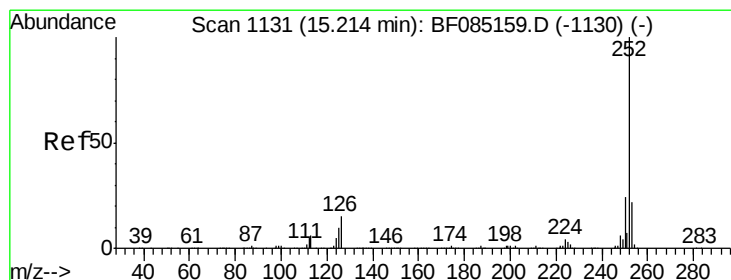
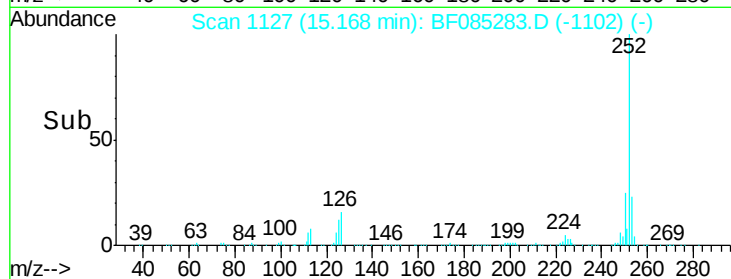
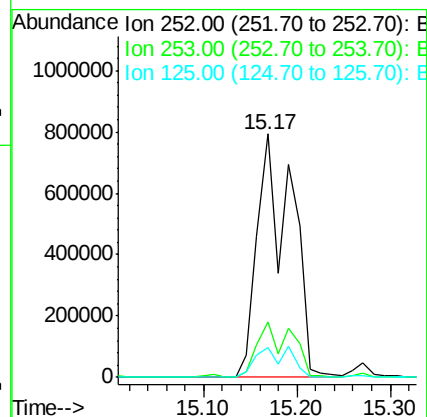
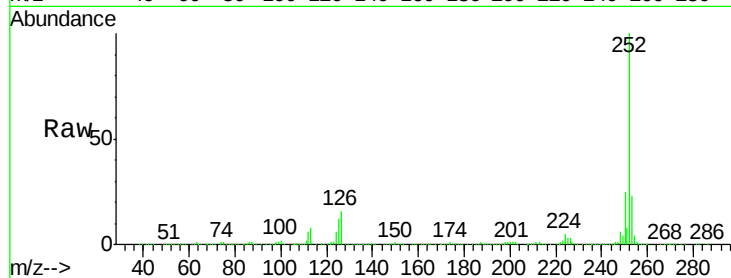




#87  
Benzo(b)fluoranthene  
Concen: 96.97 ng  
RT: 15.17 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

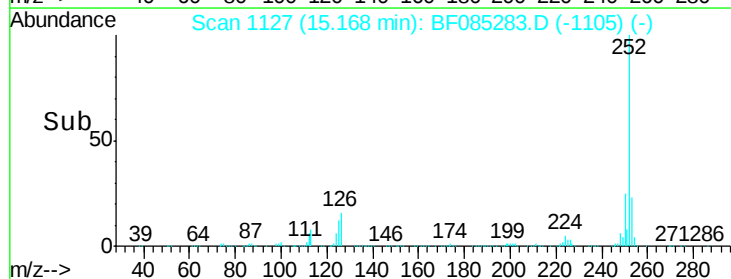
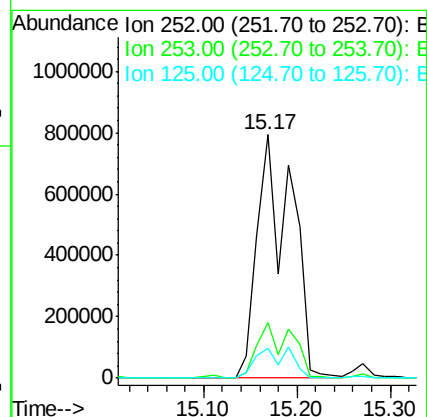
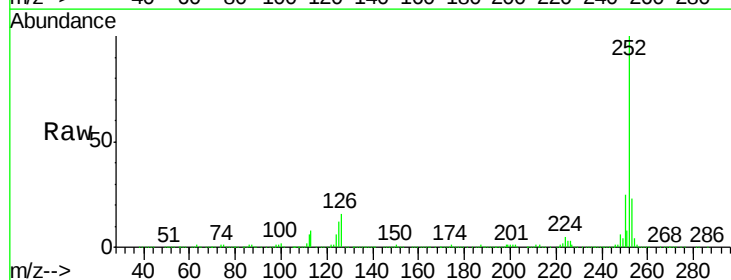
Instrument :  
BNA\_F  
ClientSampleId :  
SB-41COMP(0.5-5.0)MS

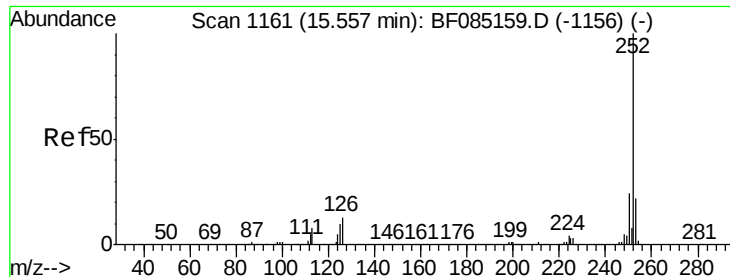
Tgt Ion:252 Resp: 1986270  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.6  
125 12.2 11.3 16.9



#88  
Benzo(k)fluoranthene  
Concen: 120.22 ng  
RT: 15.17 min Scan# 1127  
Delta R.T. -0.05 min  
Lab File: BF085283.D  
Acq: 9 Mar 2016 4:11

Tgt Ion:252 Resp: 1986270  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.6  
125 12.2 10.4 15.6





#89

Benzo(a)pyrene

Concen: 60.13 ng

RT: 15.53 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS

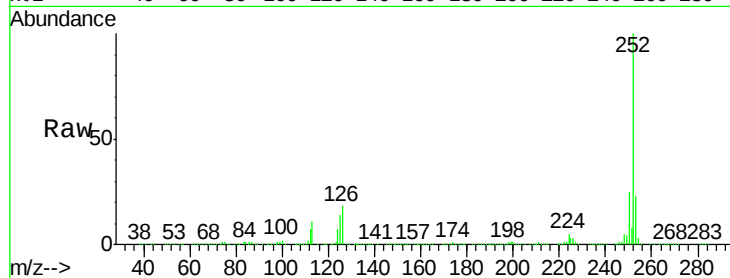
Tgt Ion:252 Resp: 1020656

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

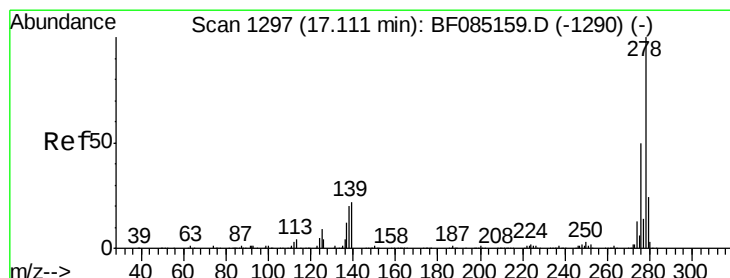
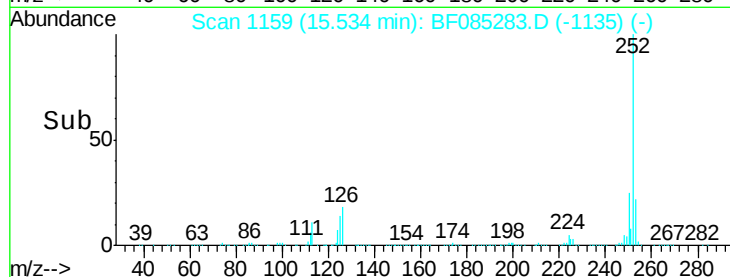
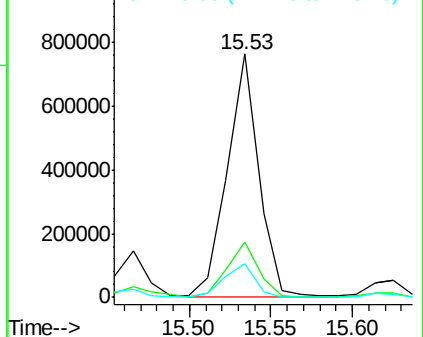
125 14.1 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.06 ng

RT: 17.23 min Scan# 1307

Delta R.T. 0.11 min

Lab File: BF085283.D

Acq: 9 Mar 2016 4:11

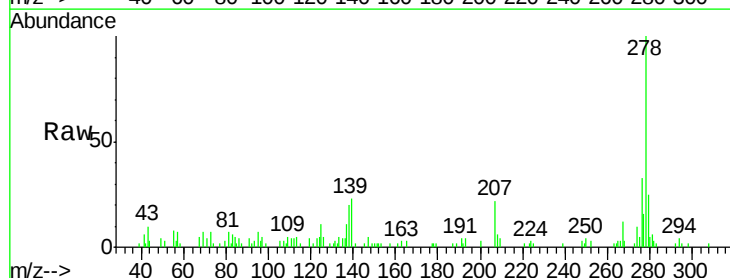
Tgt Ion:278 Resp: 29794

Ion Ratio Lower Upper

278 100

139 22.9 17.3 25.9

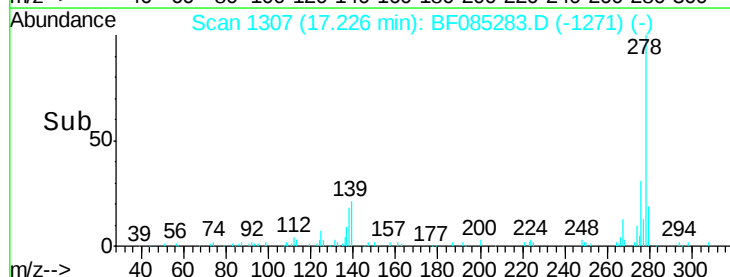
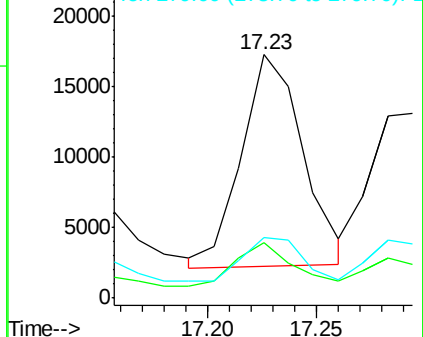
279 25.1 19.2 28.8

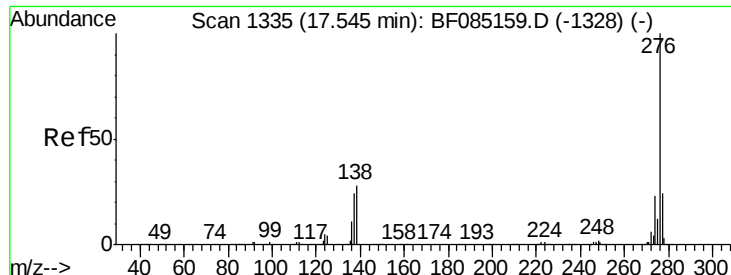


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 60.54 ng

RT: 17.51 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF085283.D

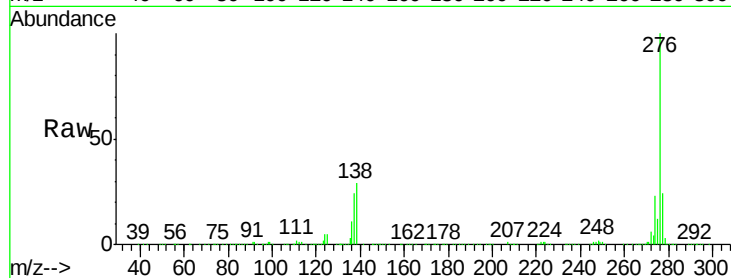
Acq: 9 Mar 2016 4:11

Instrument :

BNA\_F

ClientSampleId :

SB-41COMP(0.5-5.0)MS



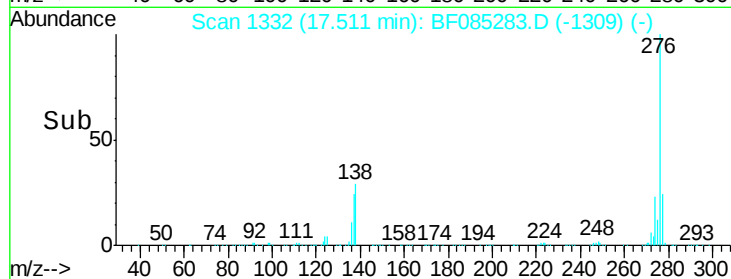
Tgt Ion: 276 Resp: 881995

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 28.7 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

