

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082589.D
 Acq On : 30 Oct 2015 23:29
 Operator : UM/IZ
 Sample : PB86301BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

Quant Time: Oct 31 03:13:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175628	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	724177	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	368204	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	674019	20.00	ng	0.00
75) Chrysene-d12	14.07	240	542495	20.00	ng	-0.01
86) Perylene-d12	15.52	264	420697	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1311092	112.44	ng	0.01
7) Phenol-d6	6.53	99	1953684	126.11	ng	0.00
23) Nitrobenzene-d5	7.46	82	1265108	71.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	526797	130.73	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2209524	85.20	ng	0.00
78) Terphenyl-d14	13.03	244	1908452	76.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	235	0.04	ng	# 20
4) n-Nitrosodimethylamine	3.25	42	518	0.06	ng	# 1
6) Aniline	6.67	93	2263	0.10	ng	# 1
8) 2-Chlorophenol	6.68	128	853	0.07	ng	# 1
9) Benzaldehyde	6.67	77	44491	4.21	ng	85
10) Phenol	6.53	94	324	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	2263	0.17	ng	# 1
12) 1,3-Dichlorobenzene	7.06	146	269	0.02	ng	# 1
13) 1,4-Dichlorobenzene	7.06	146	269	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.06	146	269	0.02	ng	# 1
15) Benzyl Alcohol	7.06	79	24547	1.70	ng	# 54
19) n-Nitroso-di-n-propylamine	7.46	70	173649	14.79	ng	# 77
24) Nitrobenzene	7.46	77	4375	0.24	ng	# 39
31) Naphthalene	8.32	128	782	0.02	ng	# 1
45) 1,1'-Biphenyl	9.28	154	4723	0.15	ng	# 1
47) 2-Nitroaniline	9.28	65	4965	0.53	ng	# 1
50) 2,6-Dinitrotoluene	9.95	165	46555	7.47	ng	# 17
51) Acenaphthene	9.95	154	1574	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.95	165	46557	5.52	ng	# 15
57) Fluorene	10.74	166	17969	0.67	ng	# 85
59) Diethylphthalate	10.36	149	1274	0.04	ng	# 59
62) Azobenzene	10.73	77	3138	0.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	1625	0.40	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	20686	0.89	ng	# 49
66) 4-Bromophenyl-phenylether	10.74	248	35918	4.70	ng	# 1
70) Phenanthrene	11.44	178	656	0.02	ng	# 1
71) Anthracene	11.44	178	656	0.02	ng	# 1
73) Di-n-butylphthalate	12.00	149	2134	0.05	ng	# 76
77) Pyrene	13.03	202	7975	0.20	ng	# 70
79) Butylbenzylphthalate	13.56	149	785	0.04	ng	# 16
80) Benzo(a)anthracene	14.07	228	1270	0.04	ng	# 40
82) Chrysene	14.07	228	1270	0.04	ng	# 39
84) Di-n-octyl phthalate	14.84	149	209	0.01	ng	# 71
89) Benzo(a)pyrene	15.52	252	1297	0.06	ng	# 56

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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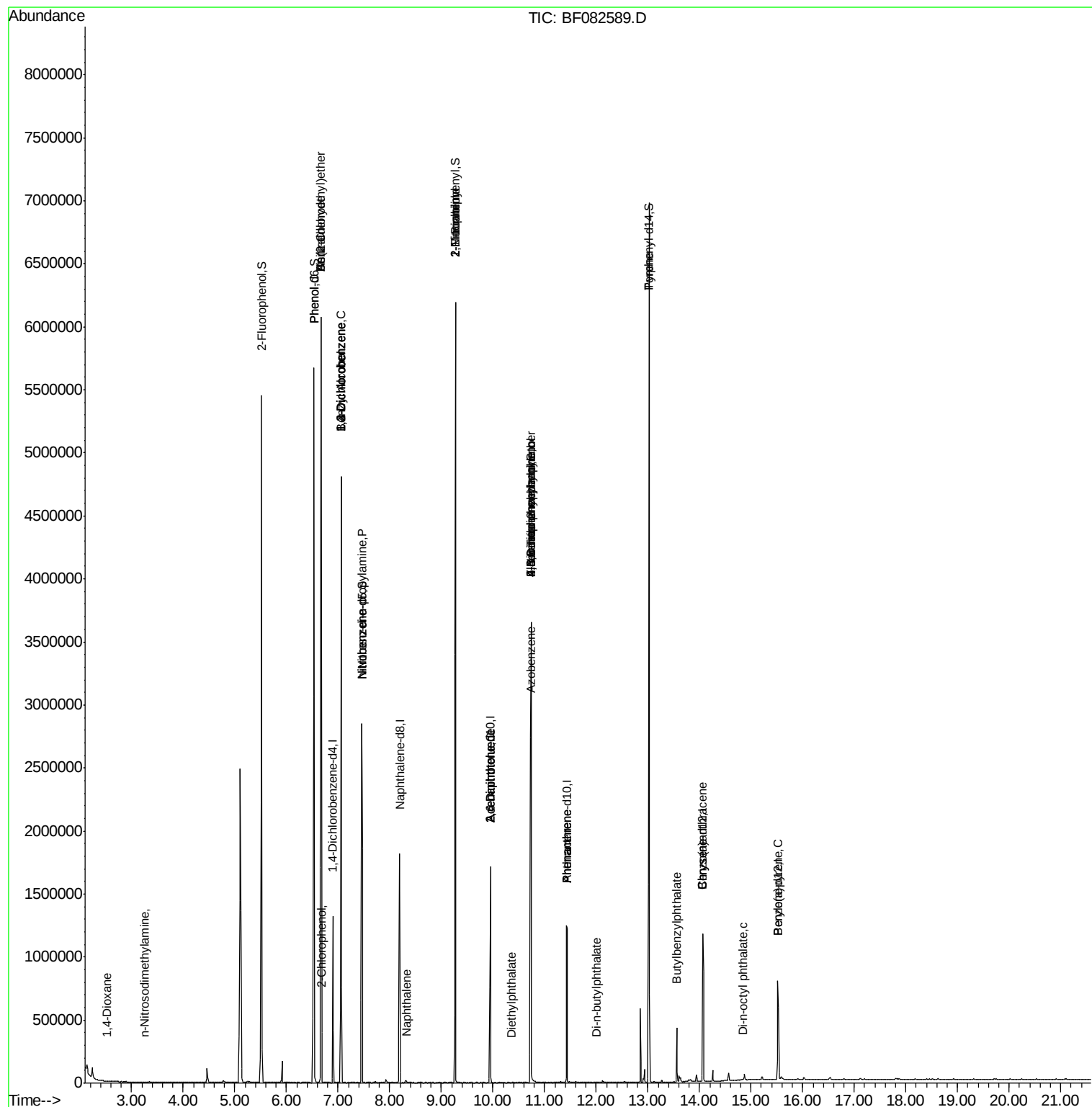
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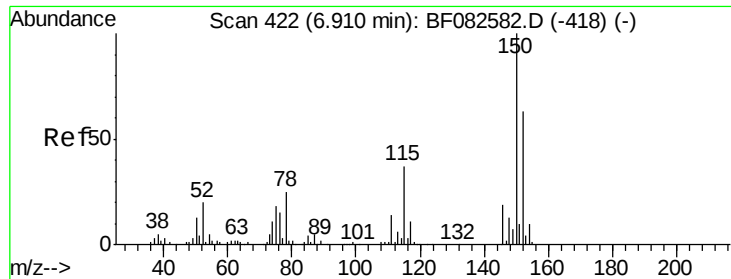
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

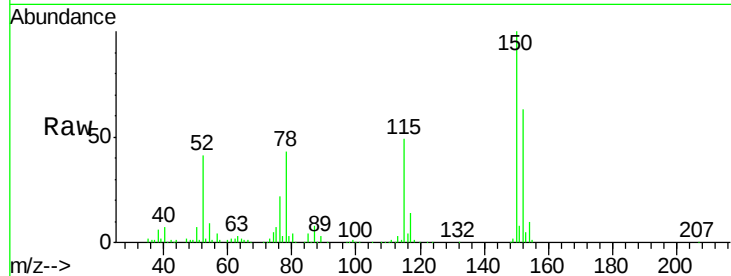
Tgt Ion: 152 Resp: 175628

Ion Ratio Lower Upper

152 100

150 157.6 127.0 190.4

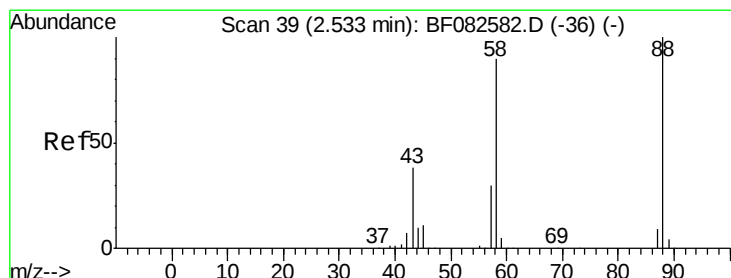
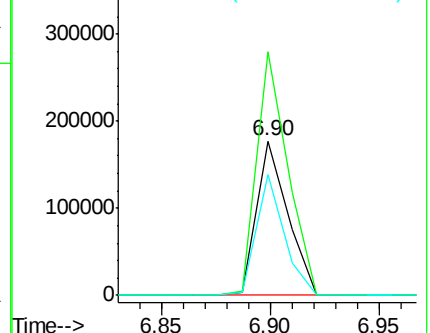
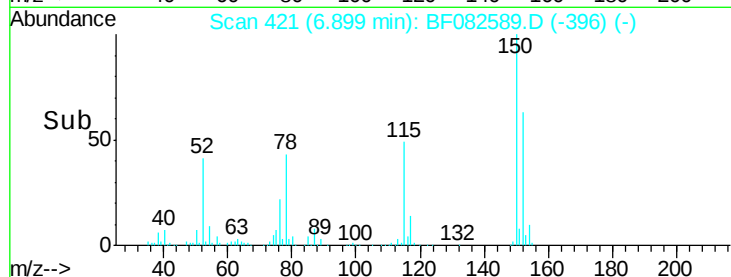
115 77.8 47.0 70.6#



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: 0.04 ng

RT: 2.52 min Scan# 38

Delta R.T. -0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

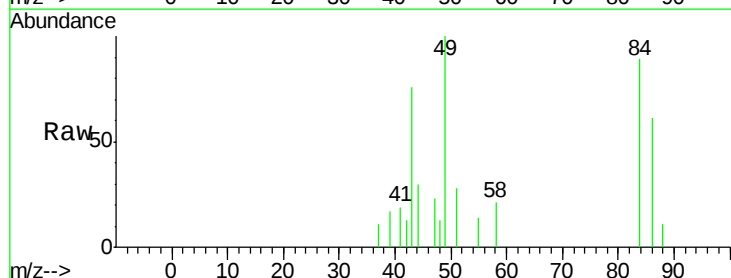
Tgt Ion: 88 Resp: 235

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

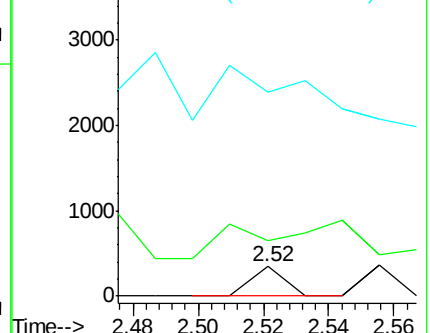
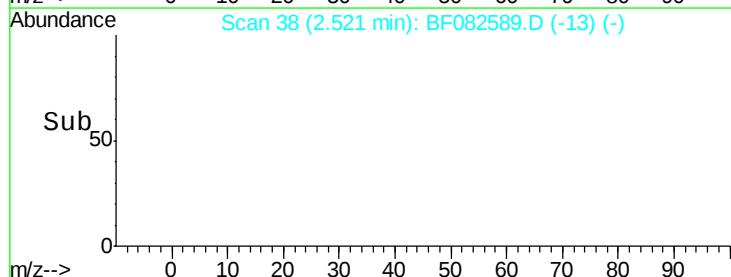
43 0.0 26.6 40.0#

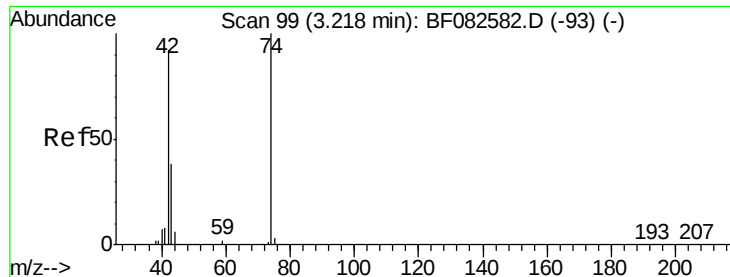


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.03 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

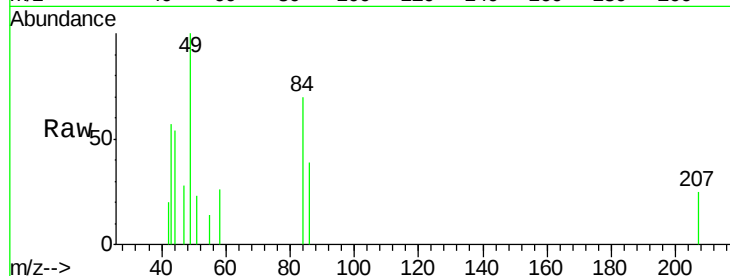
Tgt Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

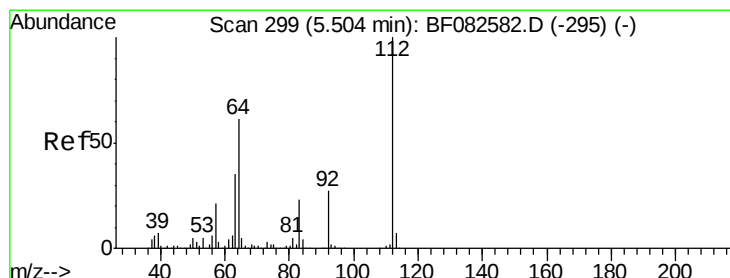
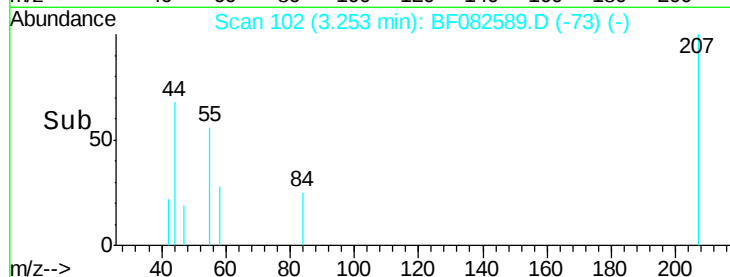
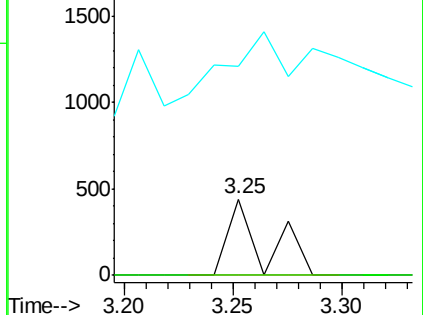
44 274.5 5.8 8.8#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 112.44 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

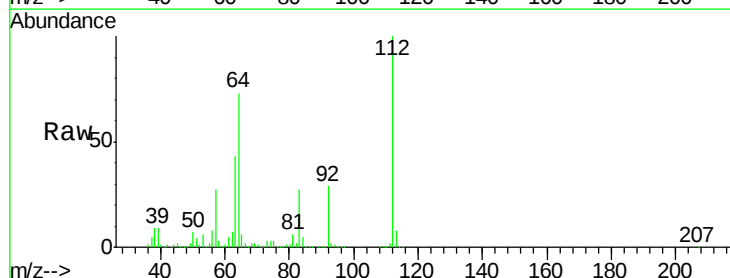
Tgt Ion: 112 Resp: 1311092

Ion Ratio Lower Upper

112 100

64 73.2 48.9 73.3

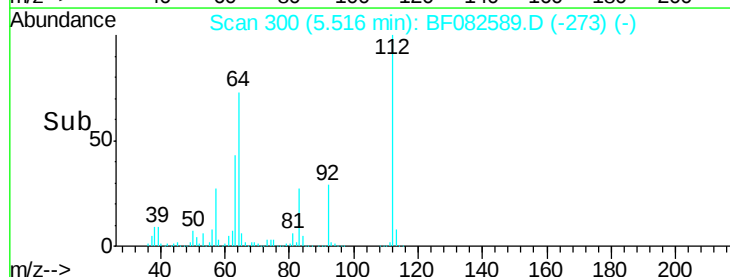
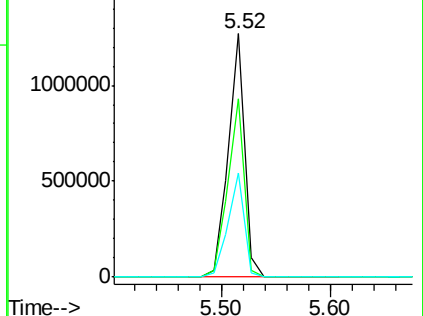
63 42.7 28.1 42.1#

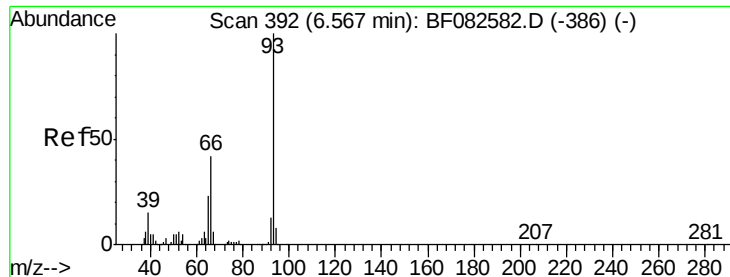


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.10 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.10 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

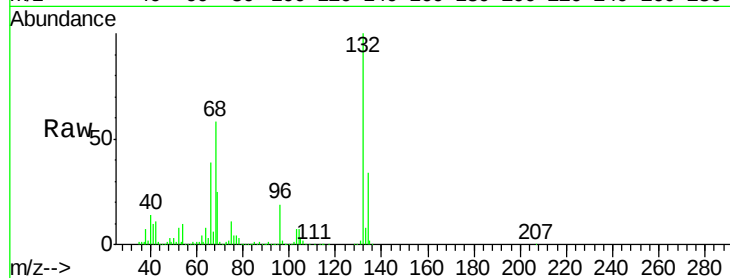
Tgt Ion: 93 Resp: 2263

Ion Ratio Lower Upper

93 100

66 22816.9 33.6 50.4#

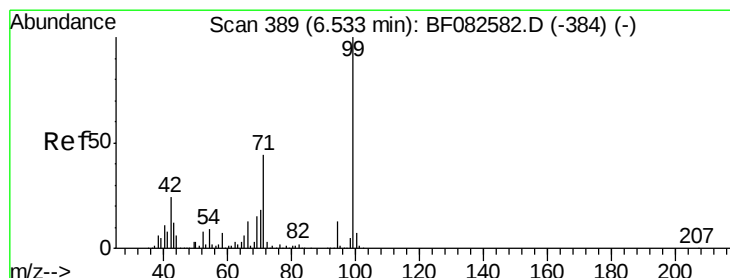
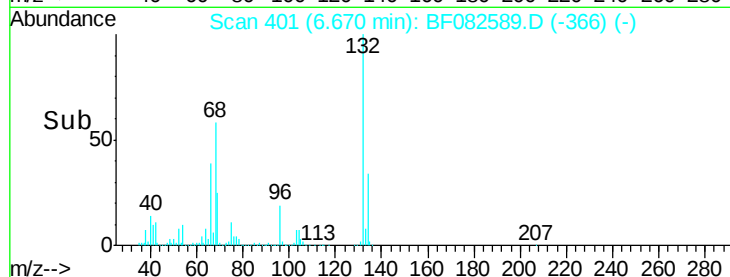
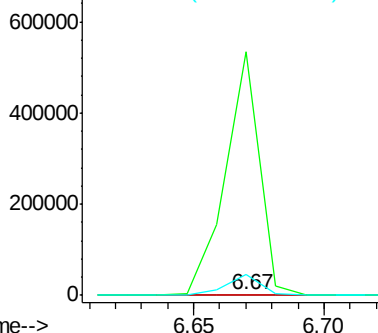
65 2005.3 18.1 27.1#



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: 126.11 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

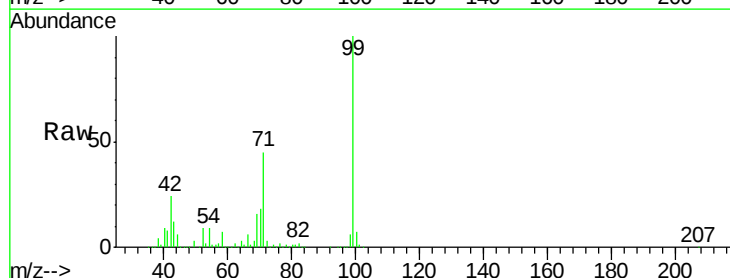
Tgt Ion: 99 Resp: 1953684

Ion Ratio Lower Upper

99 100

42 23.8 19.2 28.8

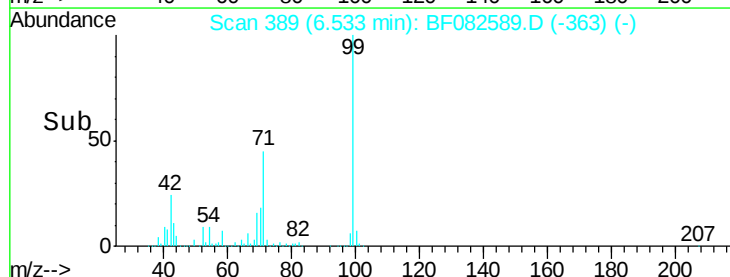
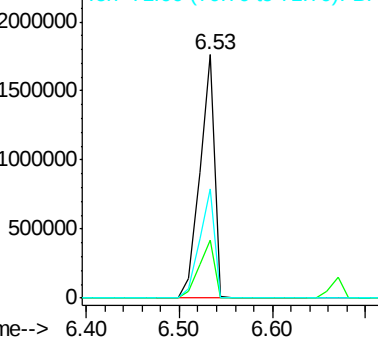
71 44.8 35.0 52.4

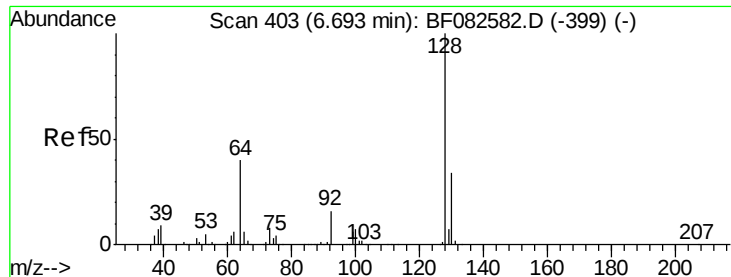


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

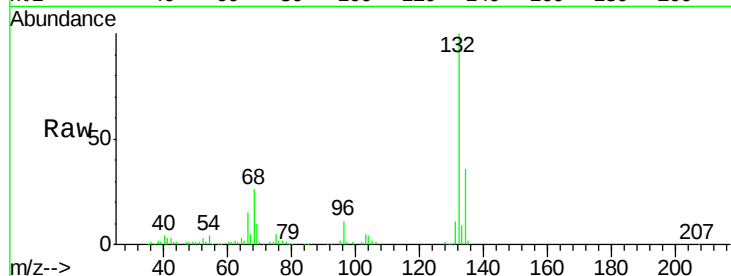
Tgt Ion:128 Resp: 853

Ion Ratio Lower Upper

128 100

130 88.7 13.5 53.5#

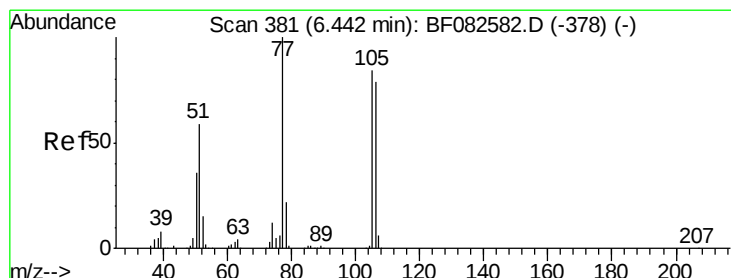
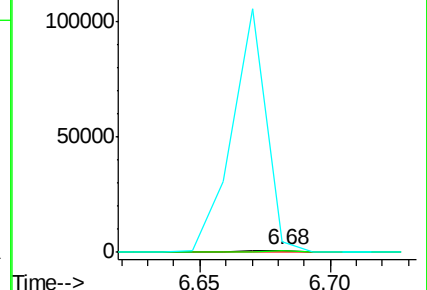
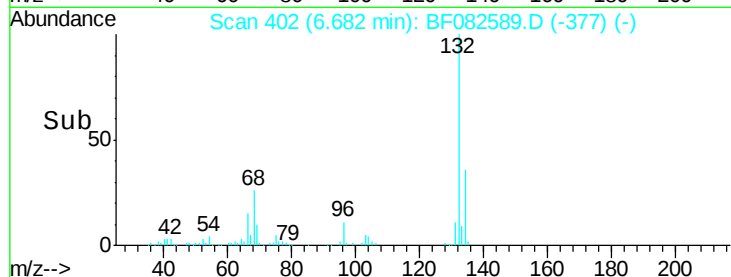
64 613.7 21.1 61.1#



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: 4.21 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

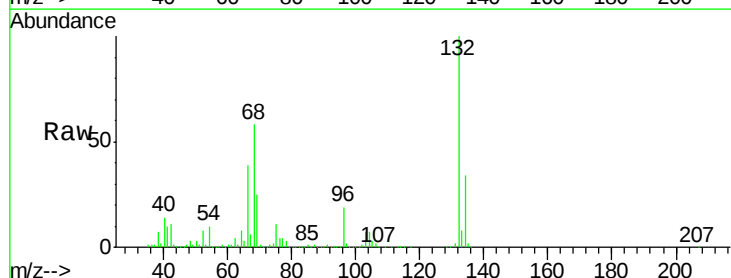
Tgt Ion: 77 Resp: 44491

Ion Ratio Lower Upper

77 100

105 70.9 63.5 103.5

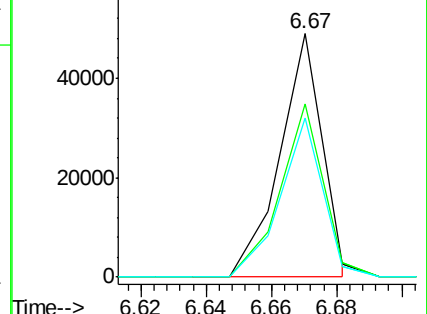
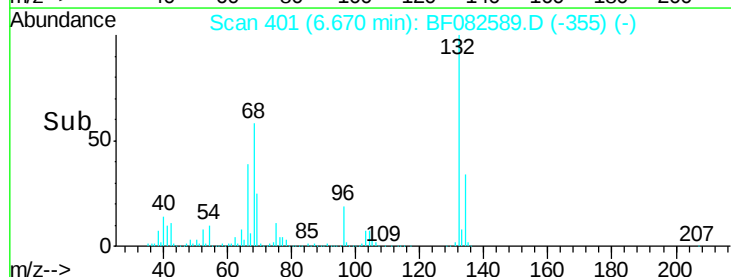
106 65.4 59.3 99.3

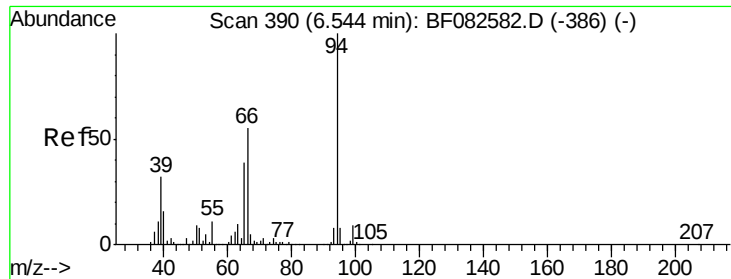


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

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ClientSampleId :

PB86301BL

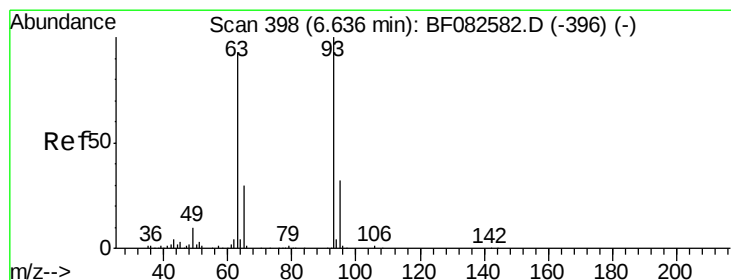
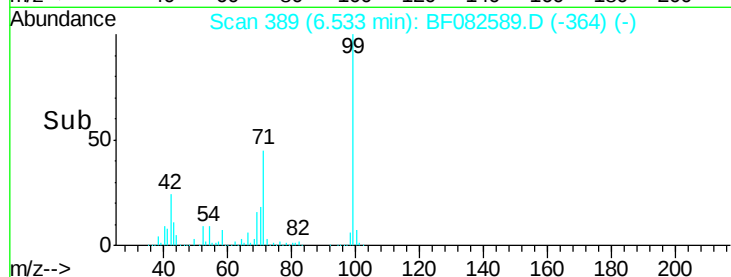
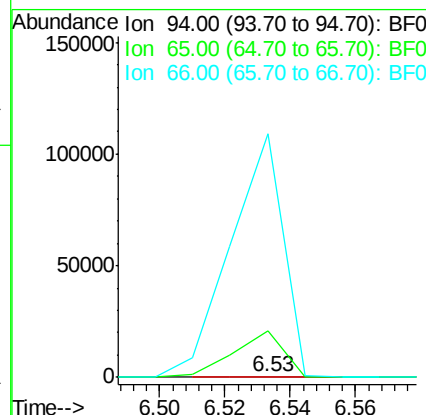
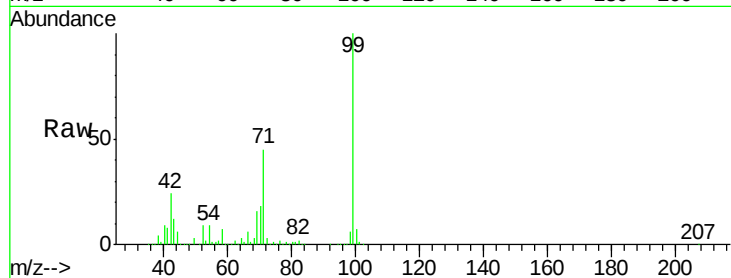
Tgt Ion: 94 Resp: 324

Ion Ratio Lower Upper

94 100

65 4346.7 18.9 58.9#

66 23054.5 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.03 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

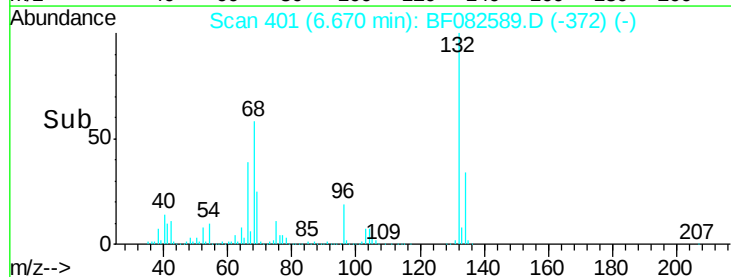
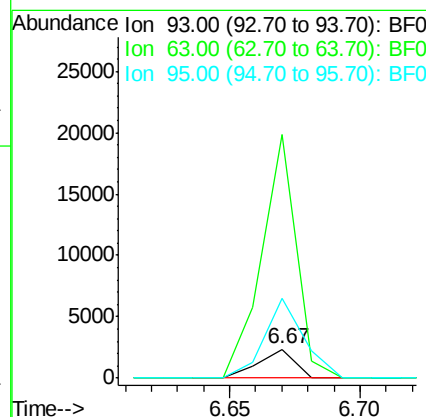
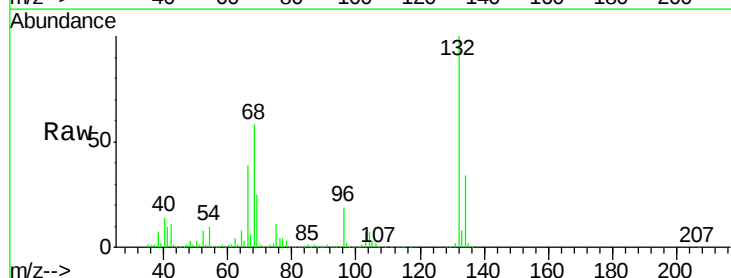
Tgt Ion: 93 Resp: 2263

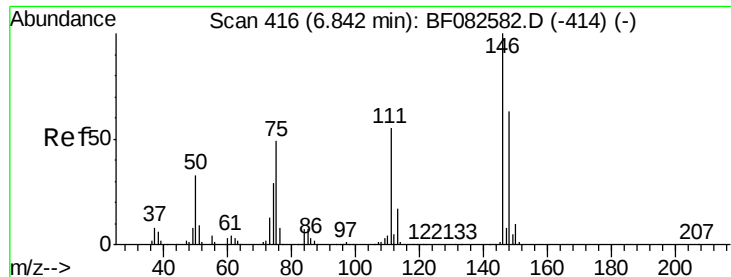
Ion Ratio Lower Upper

93 100

63 847.8 72.7 112.7#

95 276.6 12.0 52.0#





#12

1,3-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.22 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampled :

PB86301BL

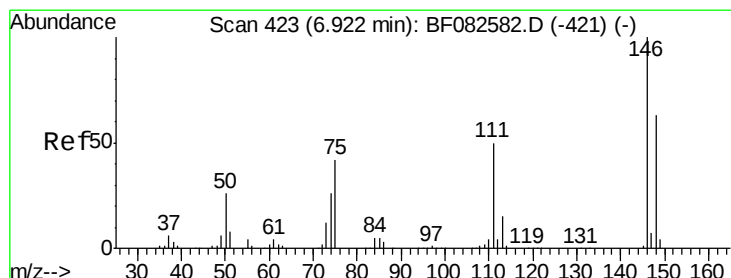
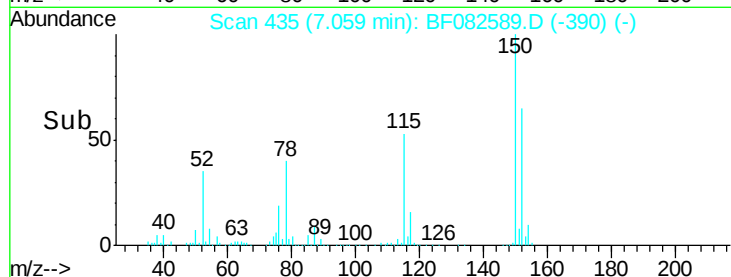
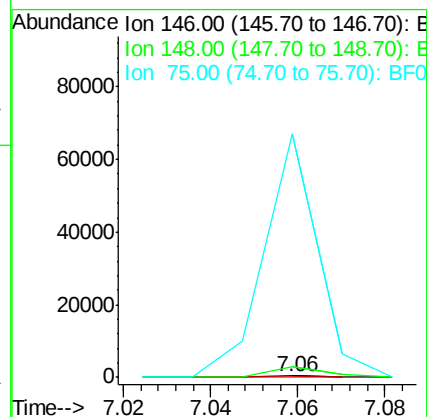
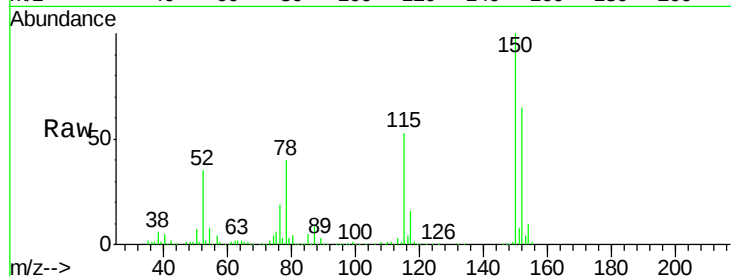
Tgt Ion:146 Resp: 269

Ion Ratio Lower Upper

146 100

148 749.0 50.5 75.7#

75 17106.1 39.5 59.3#



#13

1,4-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.14 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

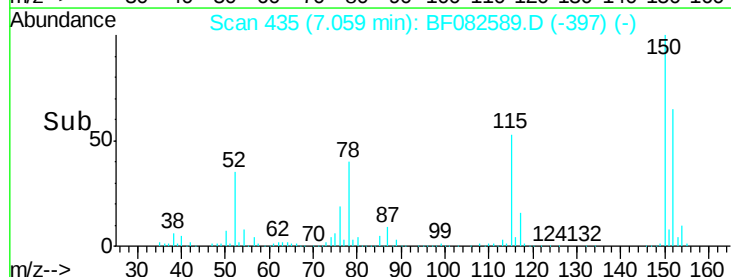
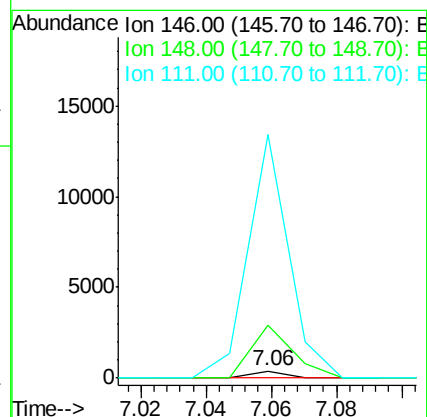
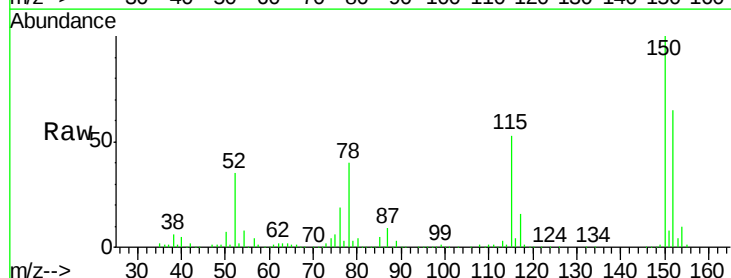
Tgt Ion:146 Resp: 269

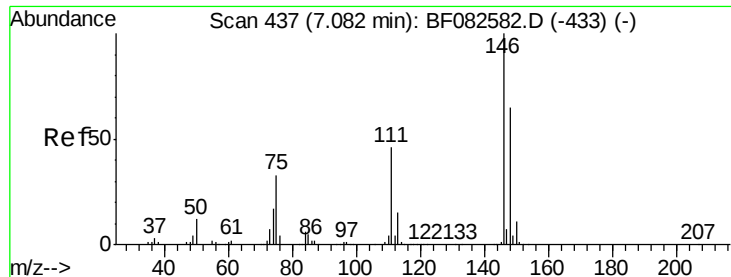
Ion Ratio Lower Upper

146 100

148 749.0 50.8 76.2#

111 3423.0 40.6 60.8#





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

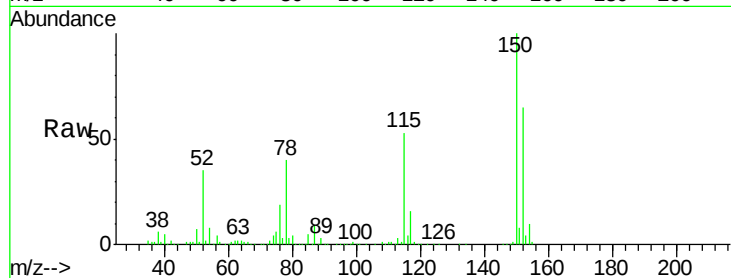
Tgt Ion:146 Resp: 269

Ion Ratio Lower Upper

146 100

148 749.0 52.2 78.4#

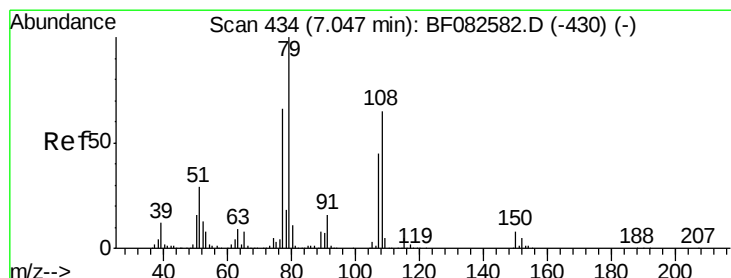
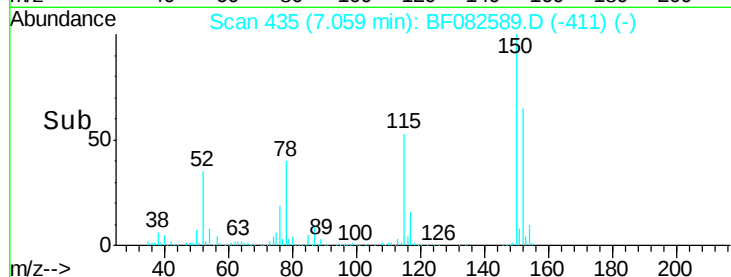
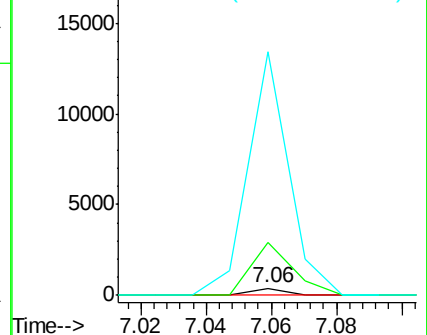
111 3423.0 36.6 55.0#



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: 1.70 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

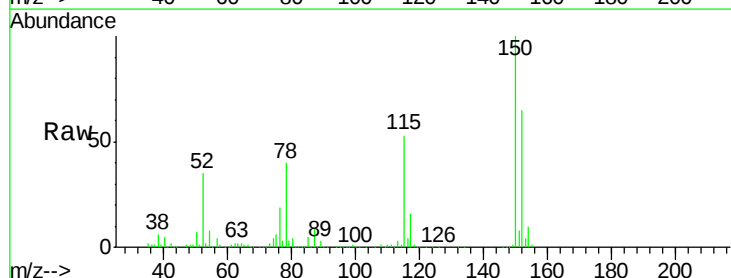
Tgt Ion: 79 Resp: 24547

Ion Ratio Lower Upper

79 100

108 25.6 52.2 78.4#

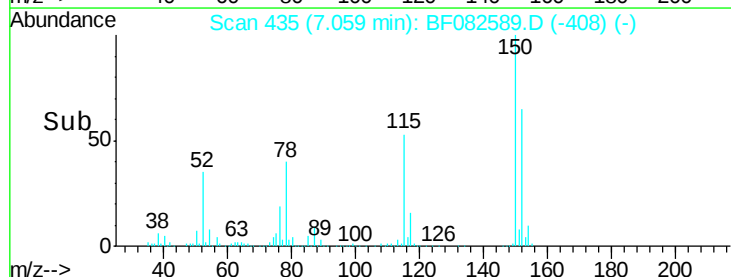
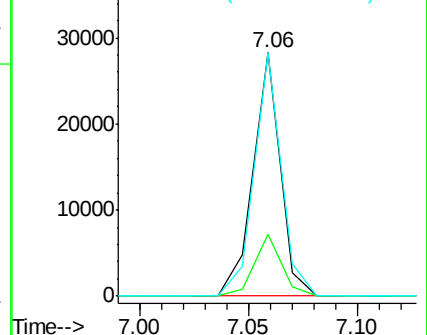
77 99.9 52.7 79.1#

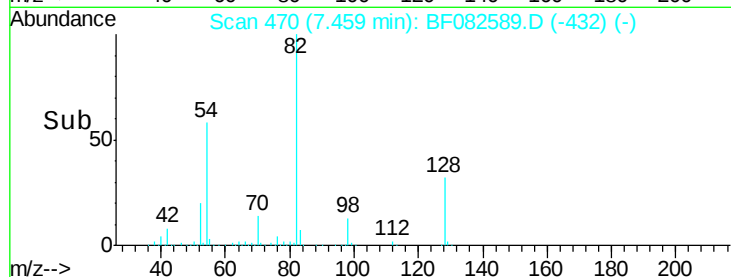
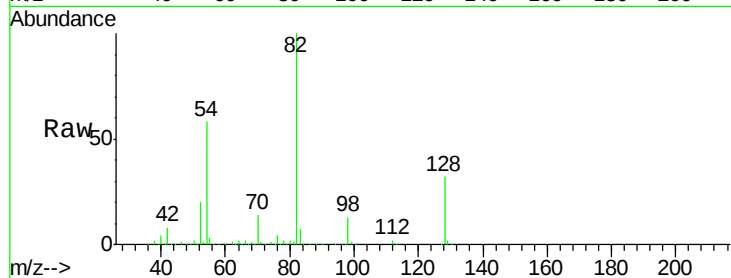
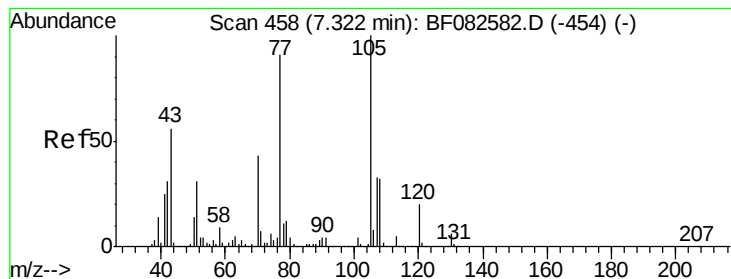


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.79 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

Tgt Ion: 70 Resp: 173649

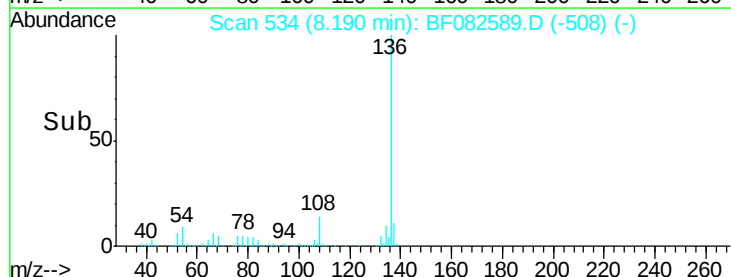
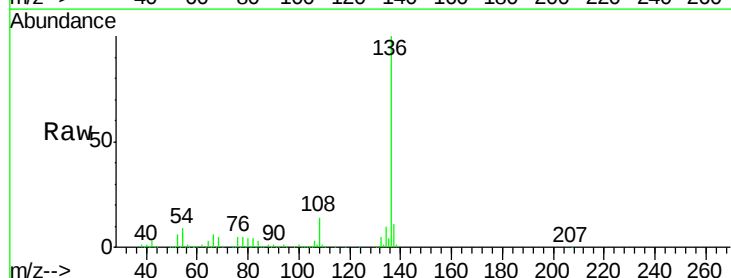
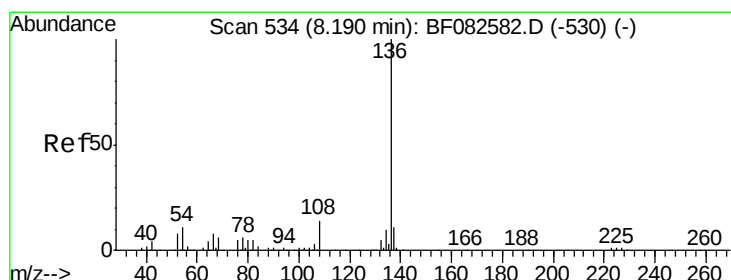
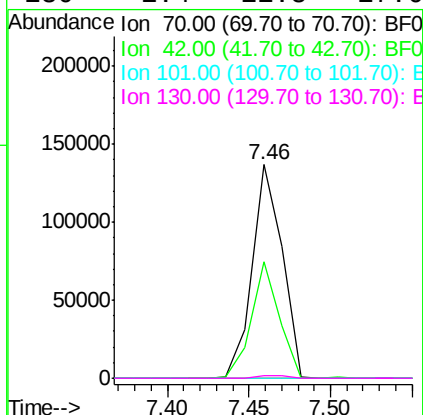
Ion Ratio Lower Upper

70 100

42 54.4 57.7 86.5#

101 0.0 7.0 10.6#

130 1.4 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Tgt Ion: 136 Resp: 724177

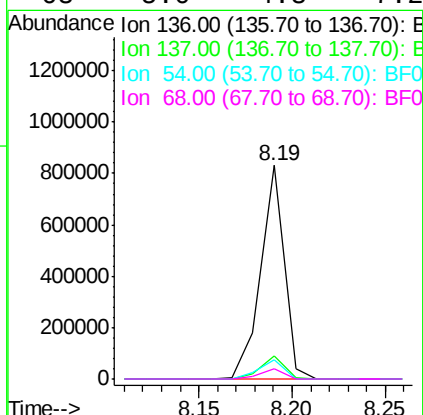
Ion Ratio Lower Upper

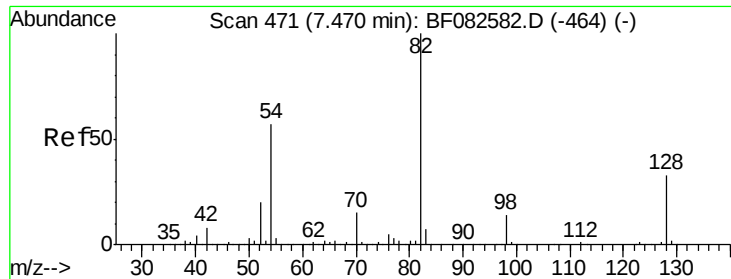
136 100

137 11.1 9.1 13.7

54 8.7 9.1 13.7#

68 5.0 4.8 7.2

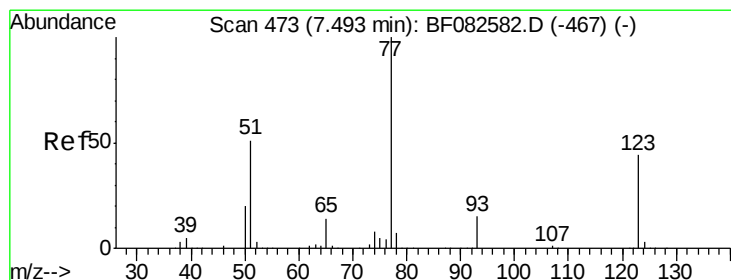
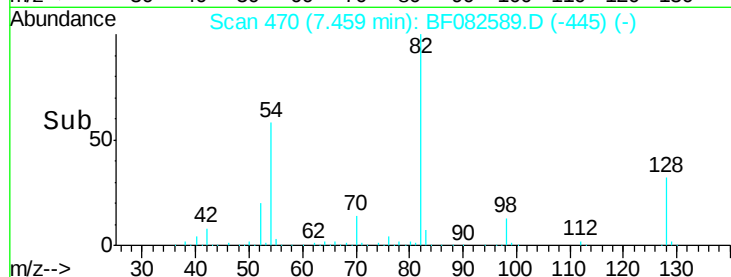
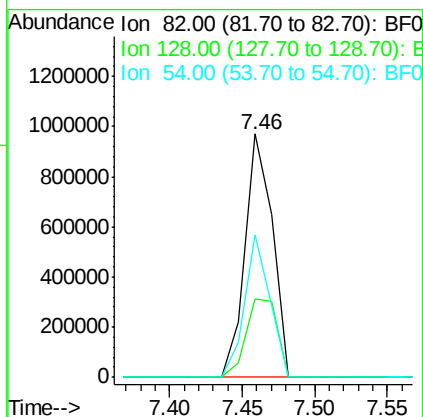
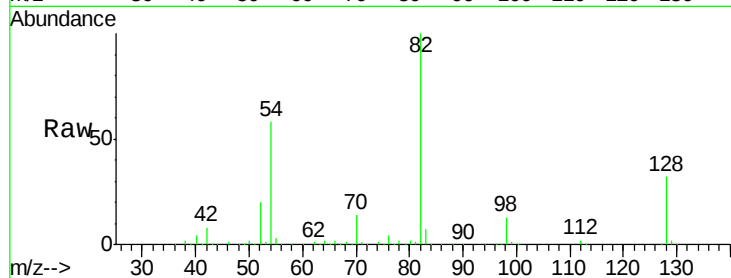




#23
 Nitrobenzene-d5
 Concen: 71.34 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082589.D
 Acq: 30 Oct 2015 23:29

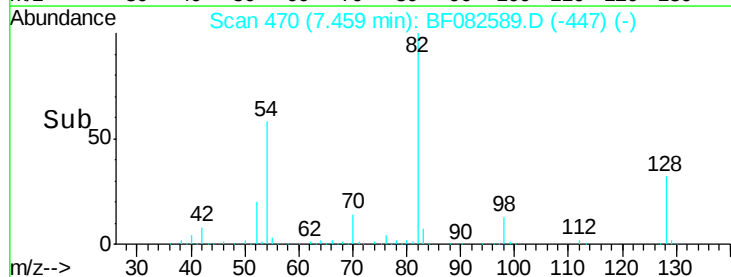
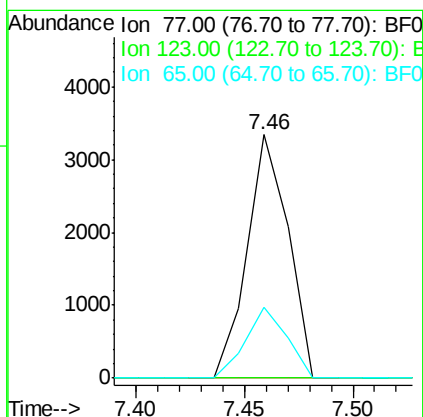
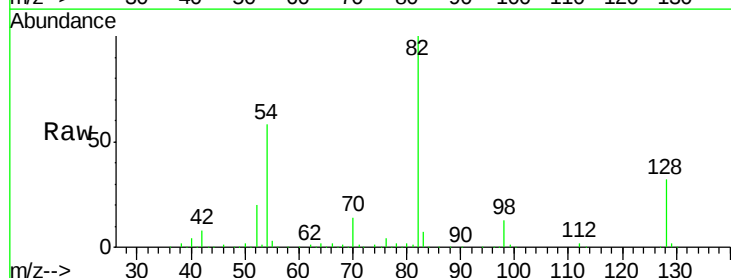
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

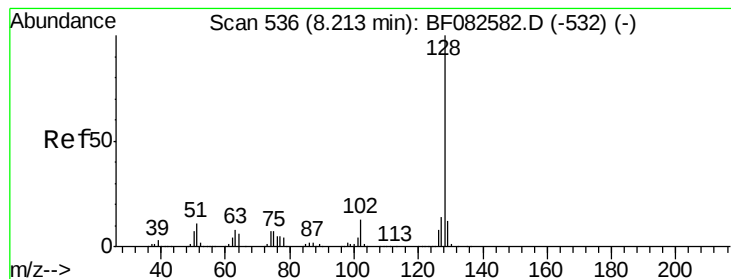
Tgt Ion: 82 Resp: 1265108
 Ion Ratio Lower Upper
 82 100
 128 32.0 26.8 40.2
 54 58.3 45.7 68.5



#24
 Nitrobenzene
 Concen: 0.24 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF082589.D
 Acq: 30 Oct 2015 23:29

Tgt Ion: 77 Resp: 4375
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 29.3 11.5 17.3#





#31

Naphthalene

Concen: 0.02 ng

RT: 8.32 min Scan# 545

Delta R.T. 0.10 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

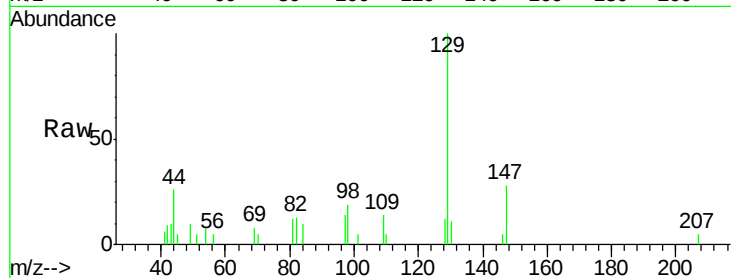
Tgt Ion:128 Resp: 782

Ion Ratio Lower Upper

128 100

129 851.9 9.5 14.3#

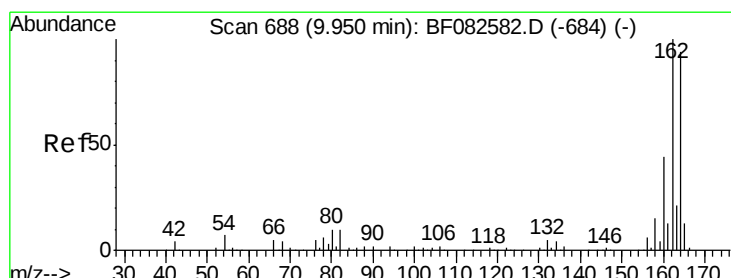
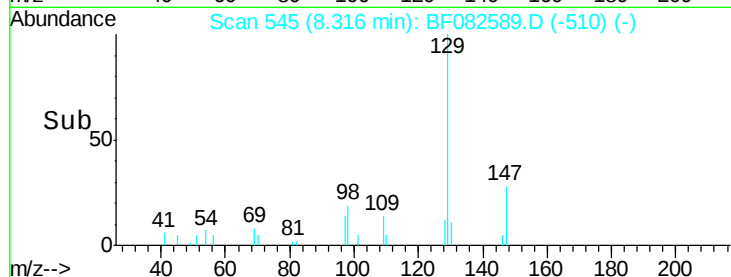
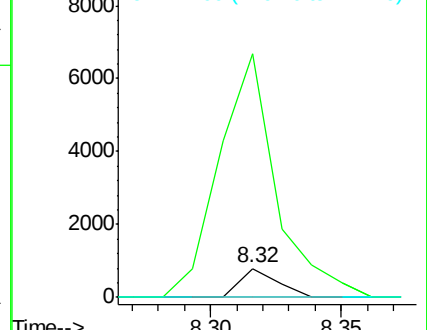
127 0.0 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

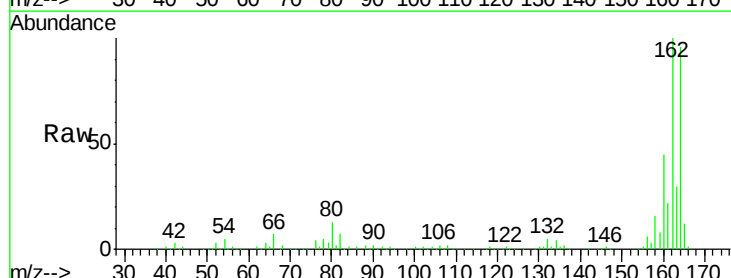
Tgt Ion:164 Resp: 368204

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

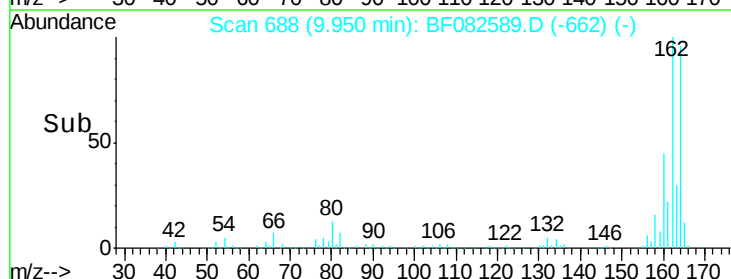
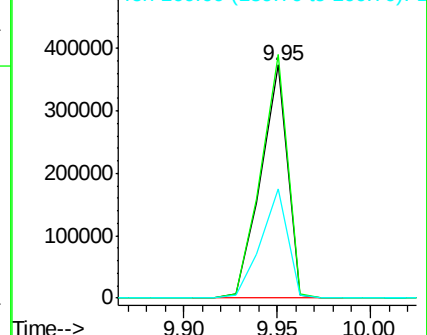
160 46.7 37.5 56.3

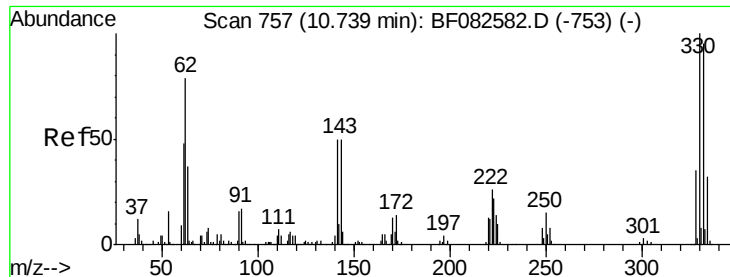


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

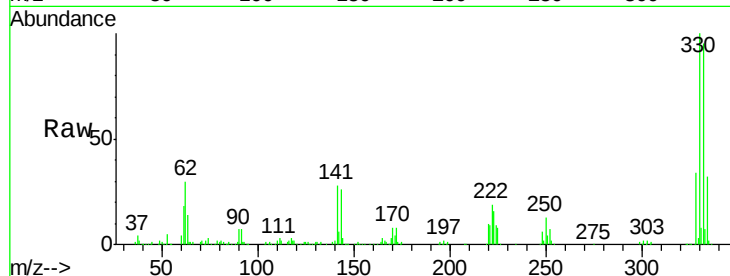




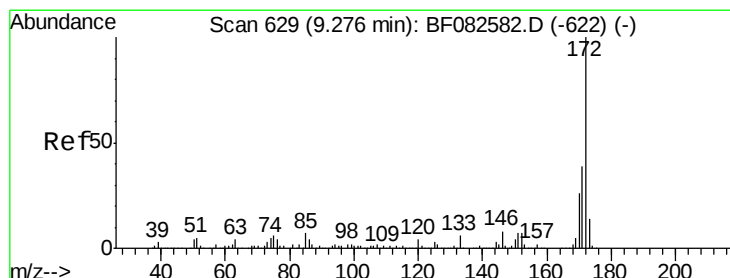
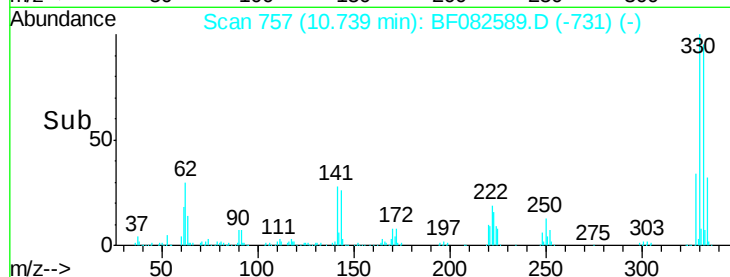
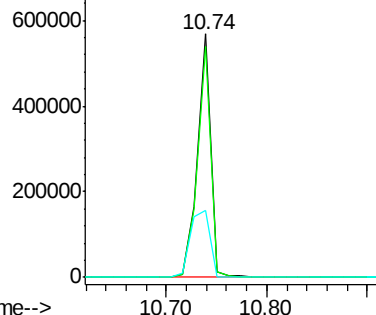
#41
 2,4,6-Tribromophenol
 Concen: 130.73 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082589.D
 Acq: 30 Oct 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

Tgt Ion:330 Resp: 526797
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 41.5 41.2 61.8

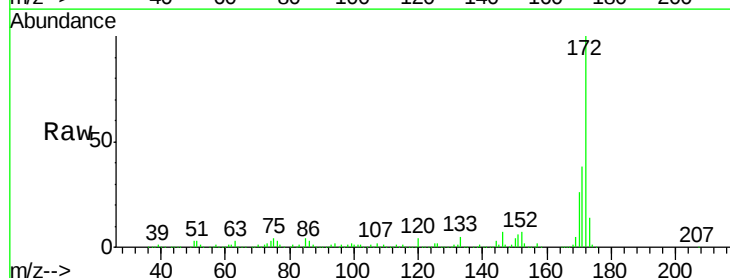


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

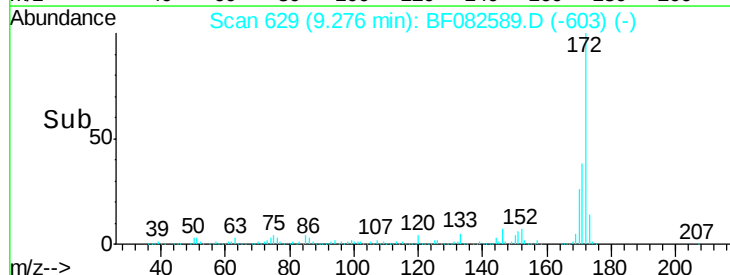
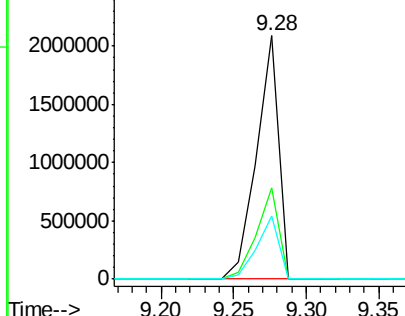


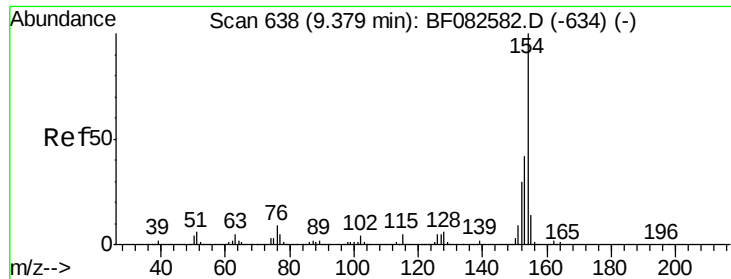
#44
 2-Fluorobiphenyl
 Concen: 85.20 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082589.D
 Acq: 30 Oct 2015 23:29

Tgt Ion:172 Resp: 2209524
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 26.0 21.2 31.8



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





#45

1,1'-Biphenyl

Concen: 0.15 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.10 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

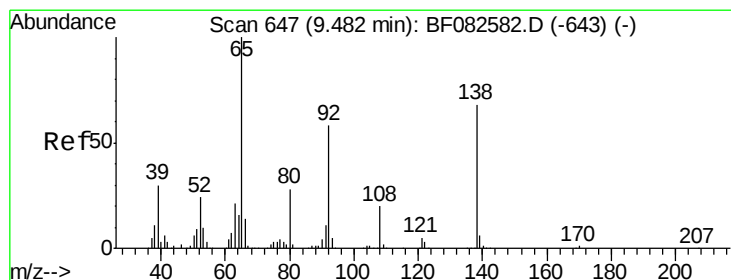
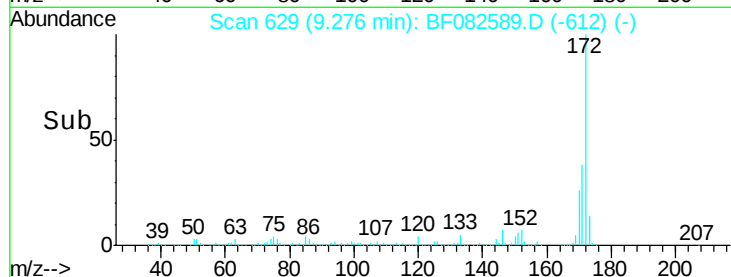
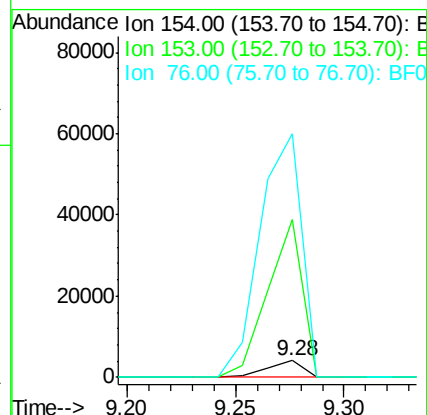
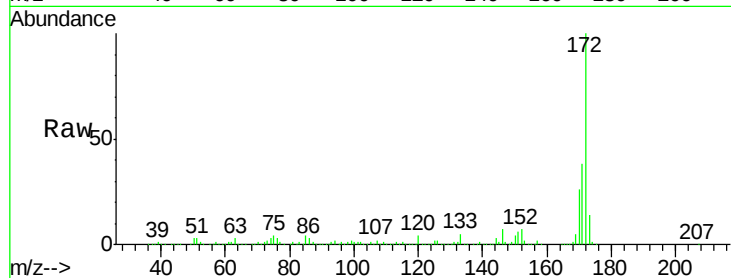
Tgt Ion:154 Resp: 4723

Ion Ratio Lower Upper

154 100

153 936.4 22.0 62.0#

76 1444.3 0.0 29.0#



#47

2-Nitroaniline

Concen: 0.53 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.21 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

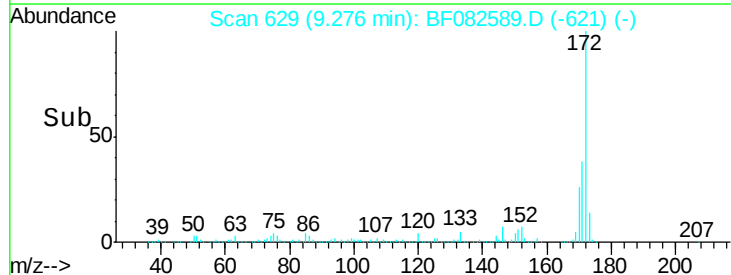
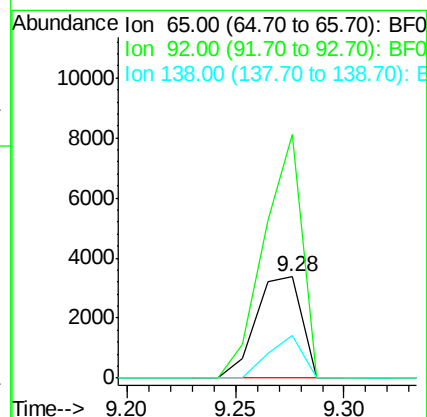
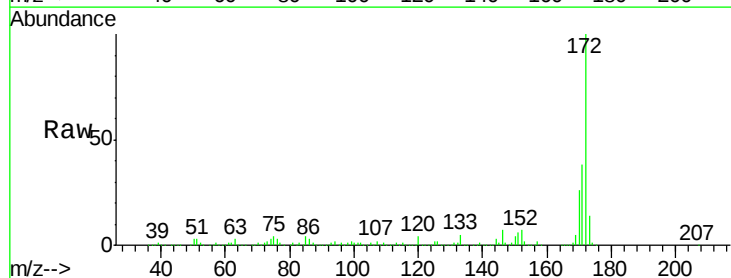
Tgt Ion: 65 Resp: 4965

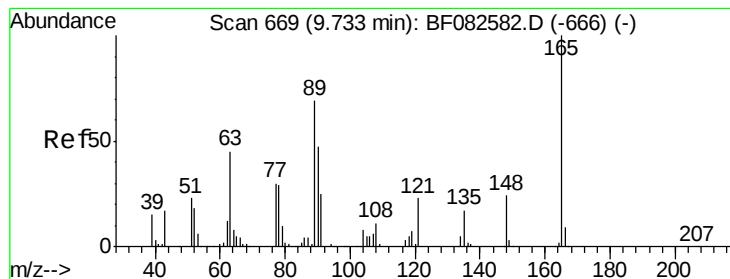
Ion Ratio Lower Upper

65 100

92 240.7 46.6 70.0#

138 42.7 54.6 81.8#





#50

2,6-Dinitrotoluene

Concen: 7.47 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.22 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

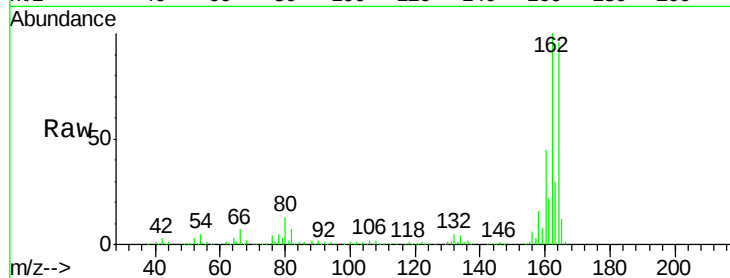
Tgt Ion:165 Resp: 46555

Ion Ratio Lower Upper

165 100

63 1.8 55.5 83.3#

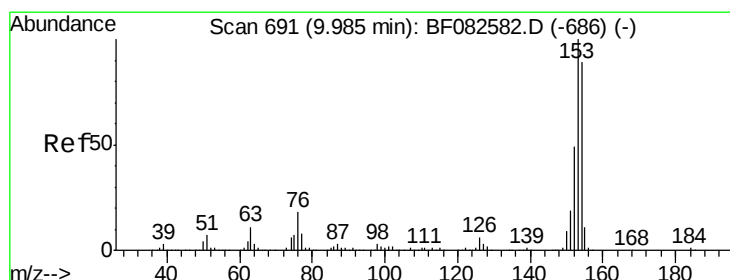
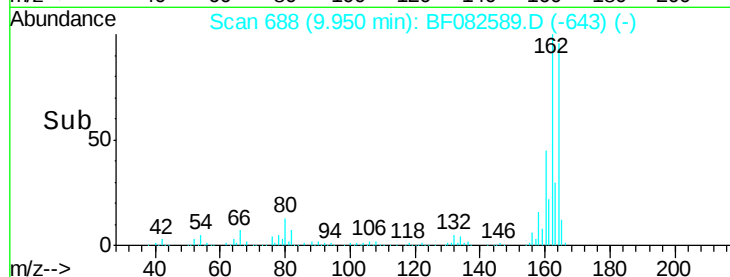
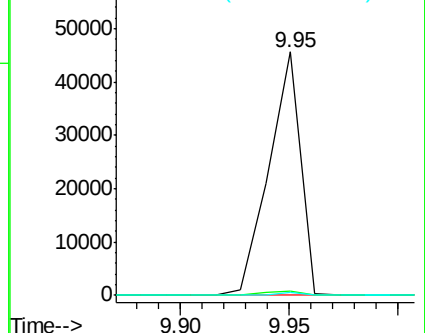
89 1.4 55.0 82.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 0.06 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

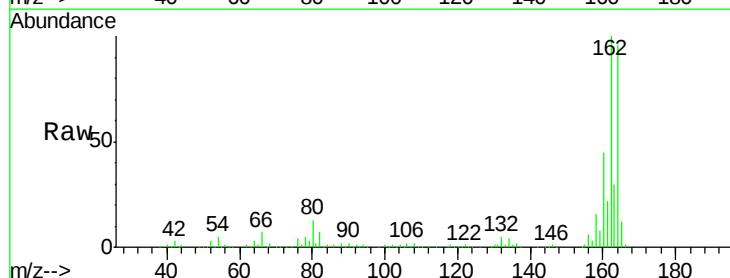
Tgt Ion:154 Resp: 1574

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

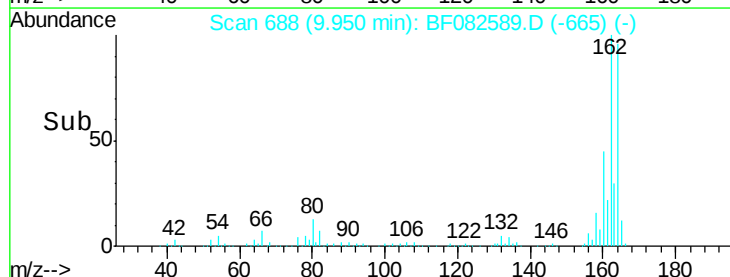
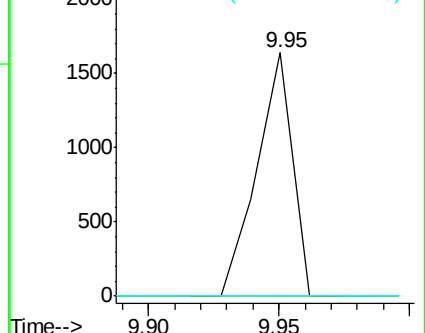
152 0.0 44.3 66.5#

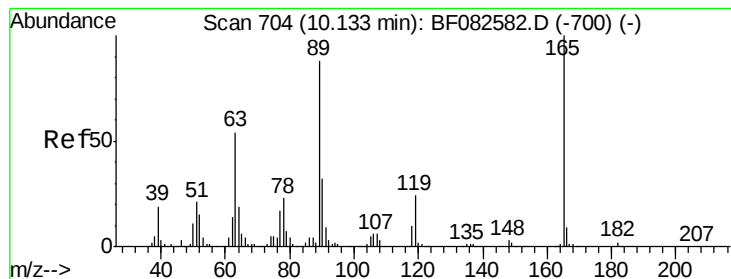


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 5.52 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

Tgt Ion:165 Resp: 46557

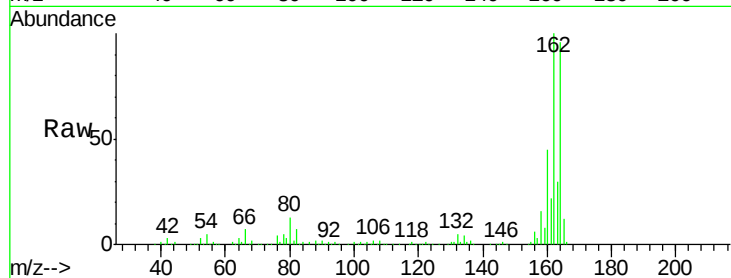
Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

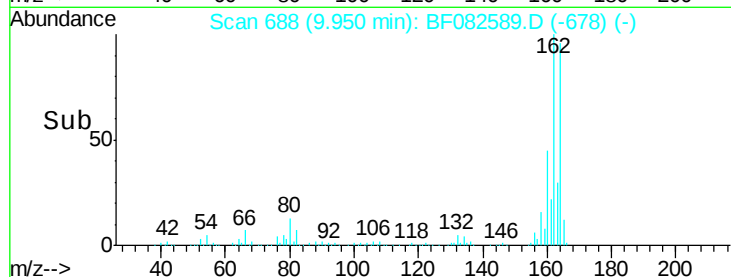


Abundance Ion 165.00 (164.70 to 165.70): E

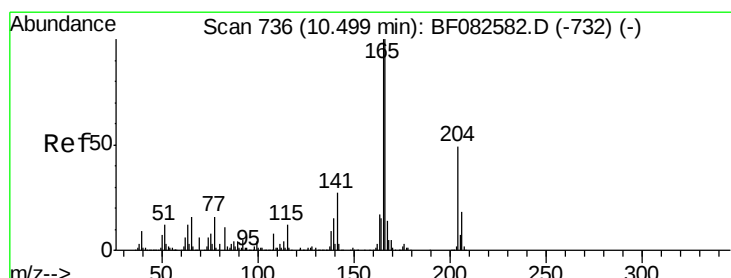
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 0.67 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.24 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

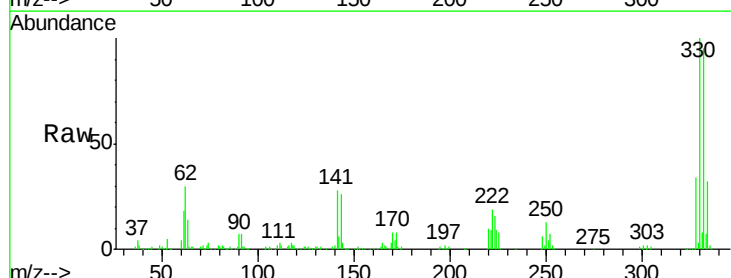
Tgt Ion:166 Resp: 17969

Ion Ratio Lower Upper

166 100

165 109.0 80.2 120.4

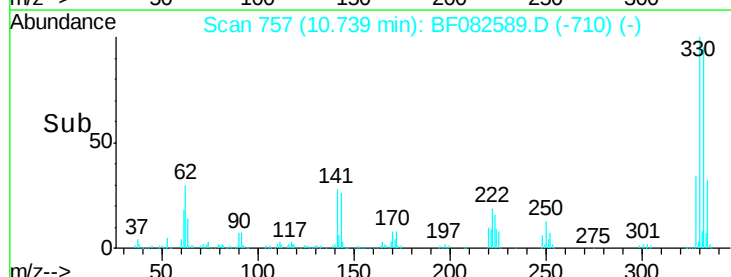
167 37.4 11.2 16.8#



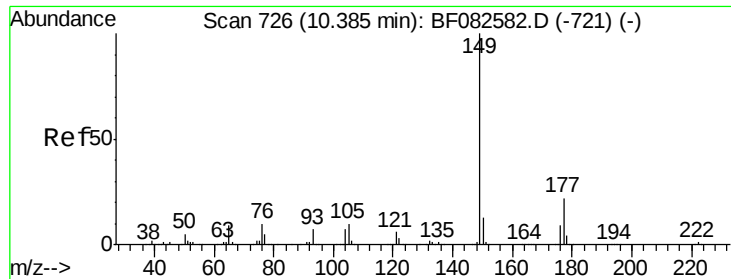
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



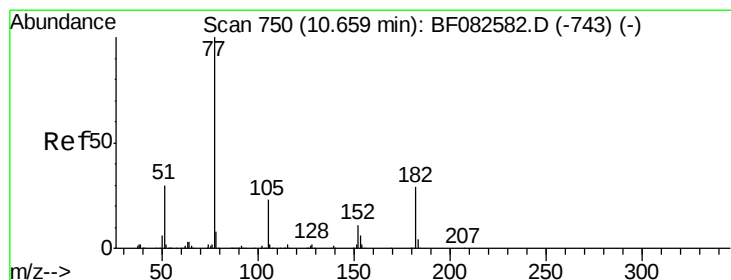
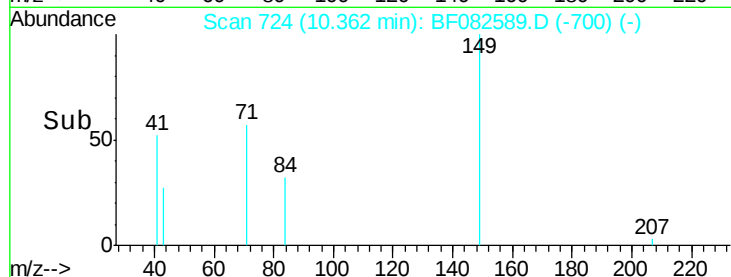
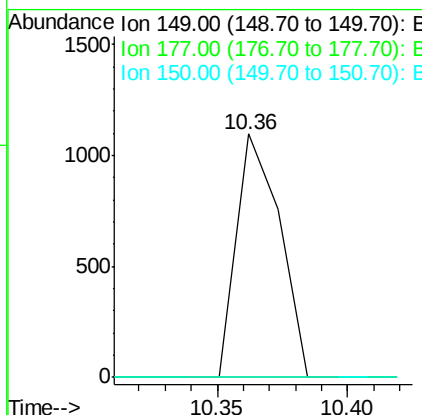
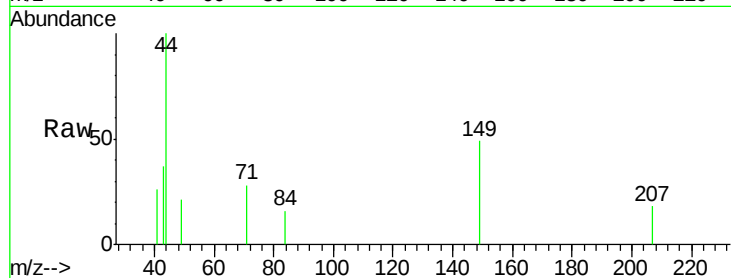
Time-->



#59
 Diethylphthalate
 Concen: 0.04 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF082589.D
 Acq: 30 Oct 2015 23:29

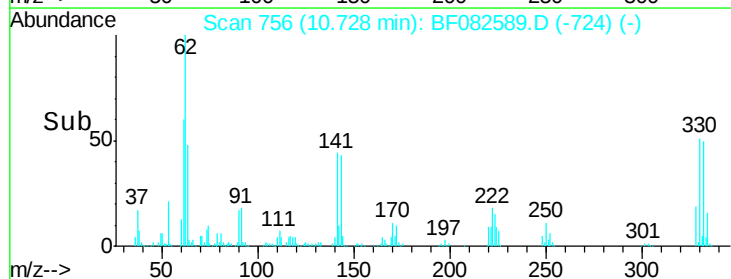
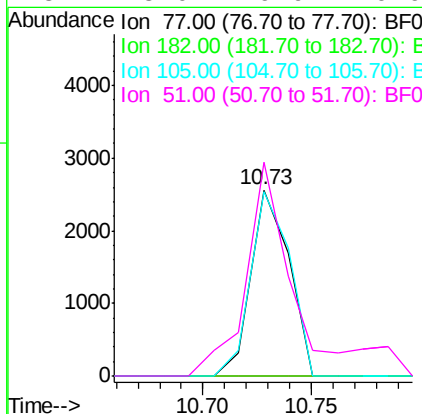
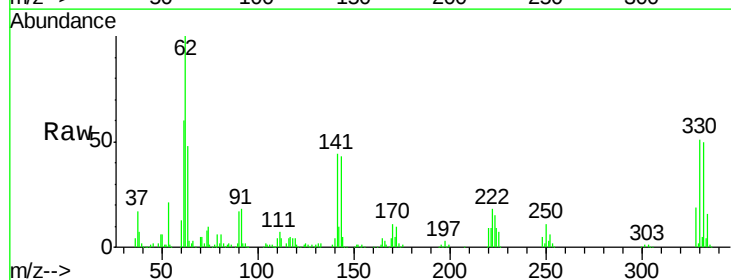
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

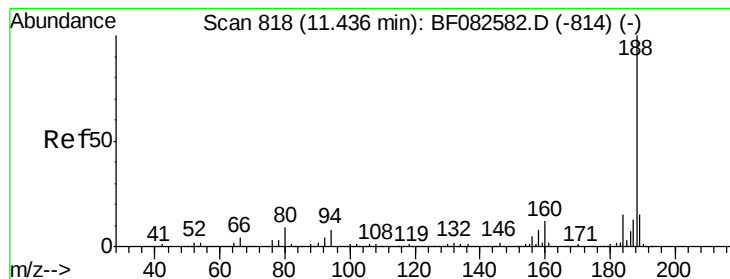
Tgt Ion: 149 Resp: 1274
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.9 26.9#
 150 0.0 10.1 15.1#



#62
 Azobenzene
 Concen: 0.09 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.07 min
 Lab File: BF082589.D
 Acq: 30 Oct 2015 23:29

Tgt Ion: 77 Resp: 3138
 Ion Ratio Lower Upper
 77 100
 182 0.0 9.3 49.3#
 105 99.5 2.6 42.6#
 51 115.0 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

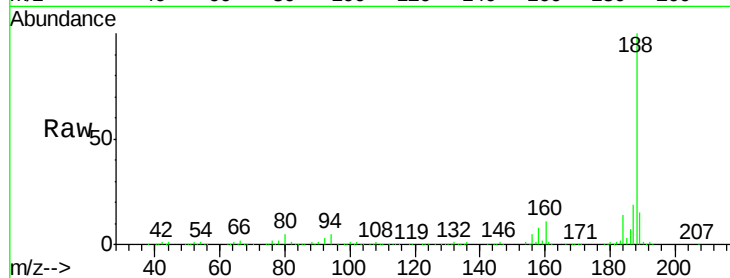
Tgt Ion:188 Resp: 674019

Ion Ratio Lower Upper

188 100

94 5.1 6.1 9.1#

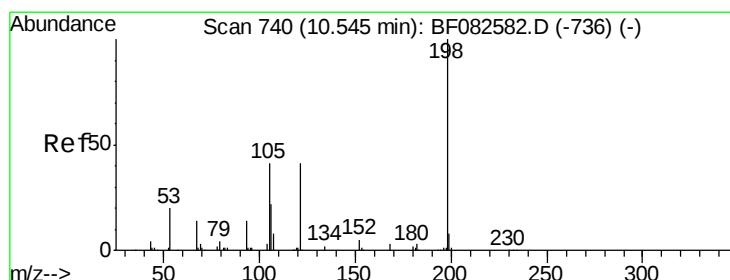
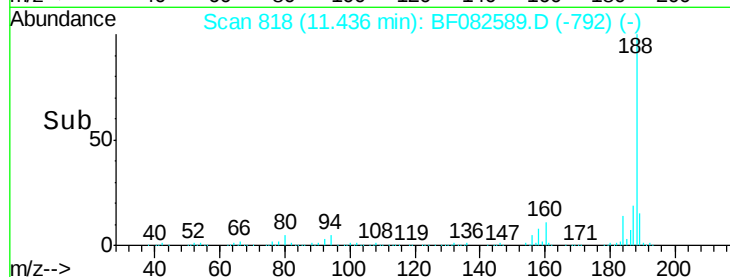
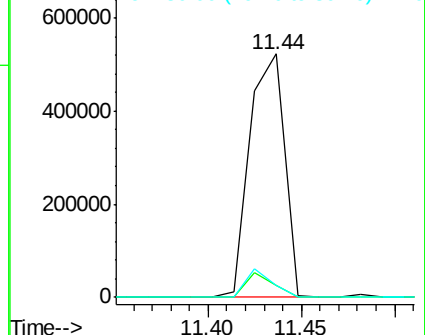
80 5.1 7.0 10.6#



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: 0.40 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

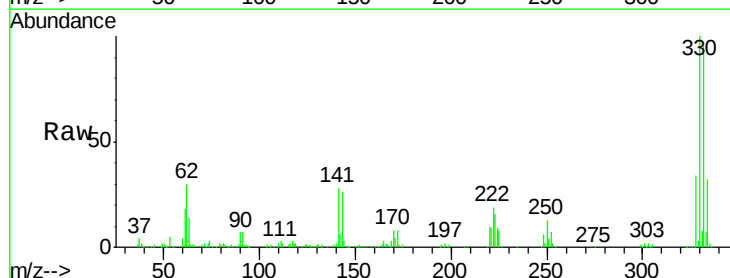
Tgt Ion:198 Resp: 1625

Ion Ratio Lower Upper

198 100

51 107.0 17.3 57.3#

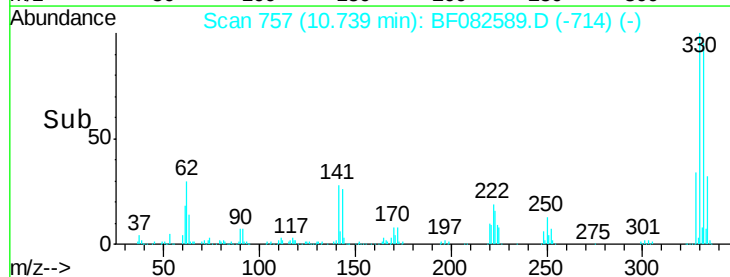
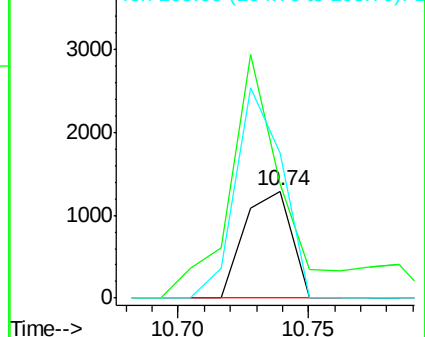
105 136.3 21.7 61.7#

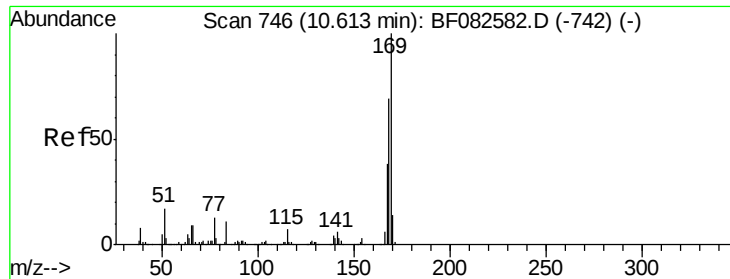


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

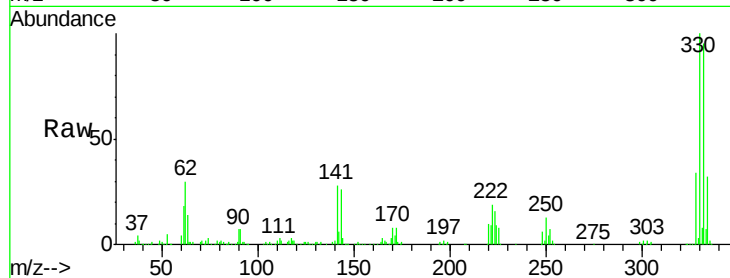




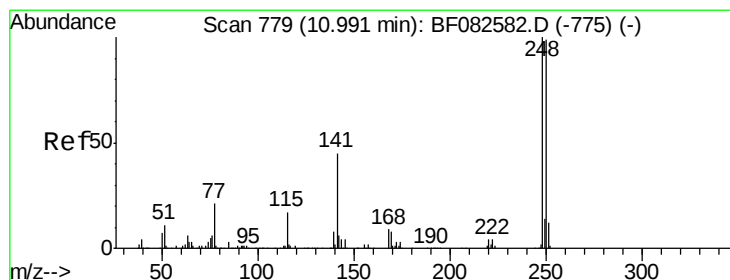
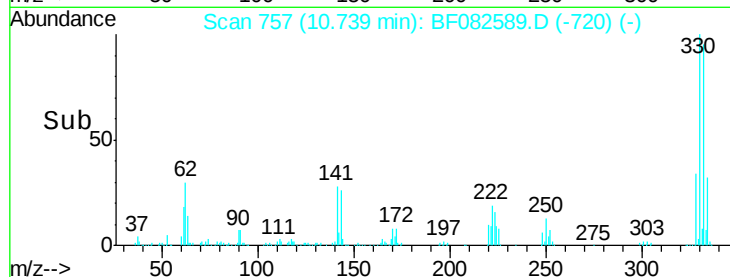
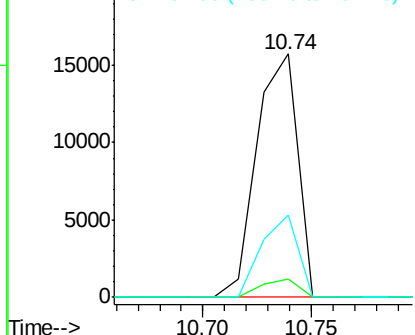
#65
n-Nitrosodiphenylamine
Concen: 0.89 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF082589.D
Acq: 30 Oct 2015 23:29

Instrument :
BNA_F
ClientSampleId :
PB86301BL

Tgt Ion:169 Resp: 20686
Ion Ratio Lower Upper
169 100
168 7.3 55.0 82.6#
167 33.7 30.5 45.7

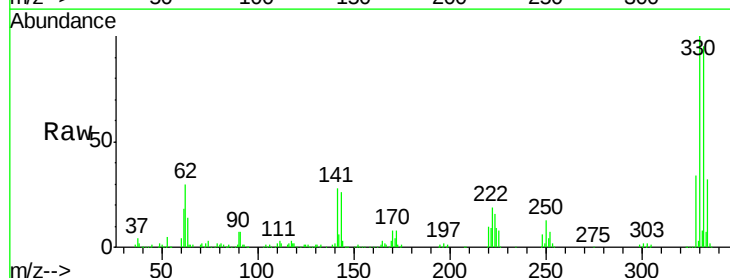


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

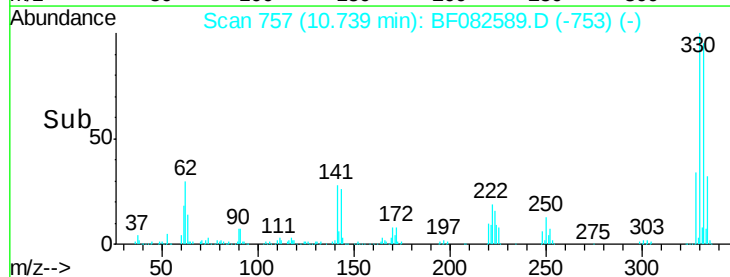
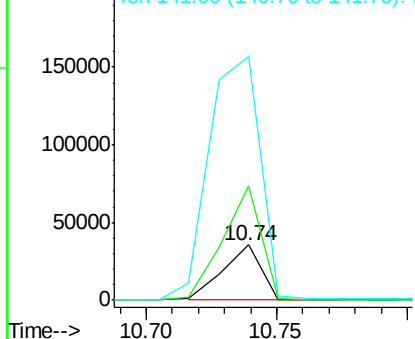


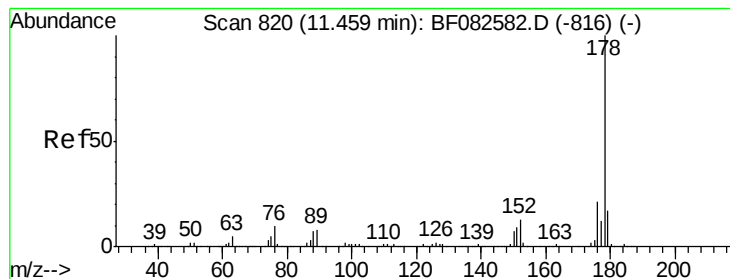
#66
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082589.D
Acq: 30 Oct 2015 23:29

Tgt Ion:248 Resp: 35918
Ion Ratio Lower Upper
248 100
250 208.1 79.4 119.2#
141 442.6 36.3 54.5#



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





#70

Phenanthrene

Concen: 0.02 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

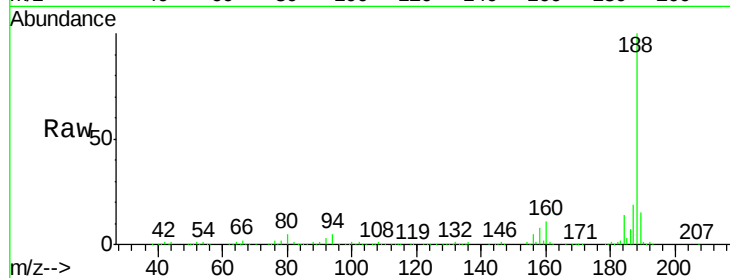
Tgt Ion:178 Resp: 656

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

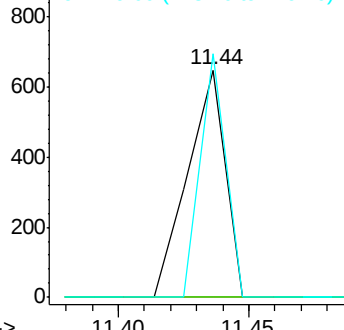
179 107.1 13.4 20.0#



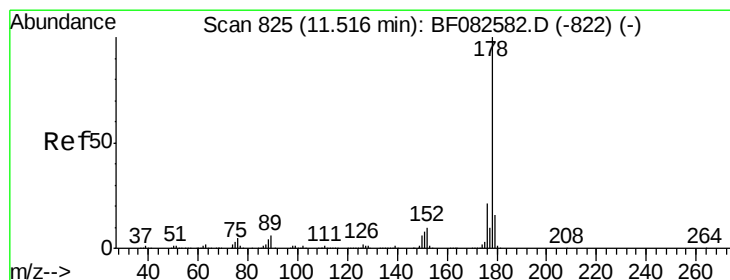
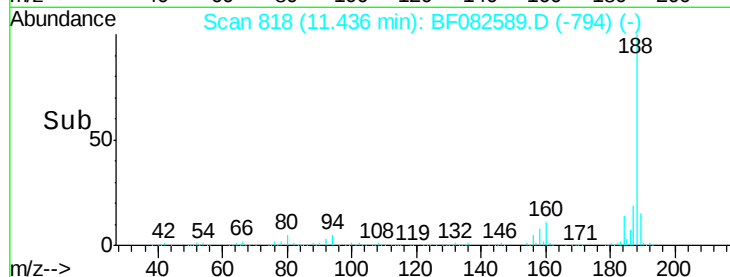
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 0.02 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.08 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

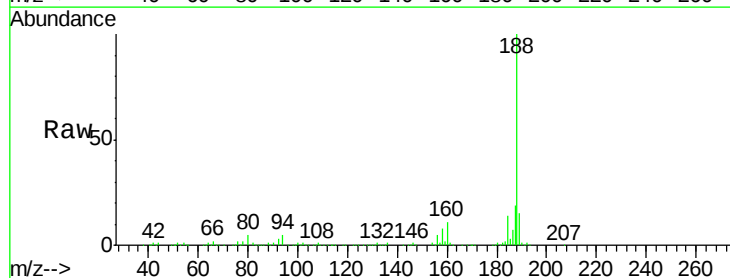
Tgt Ion:178 Resp: 656

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

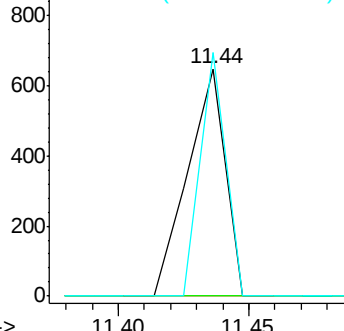
179 107.1 13.2 19.8#



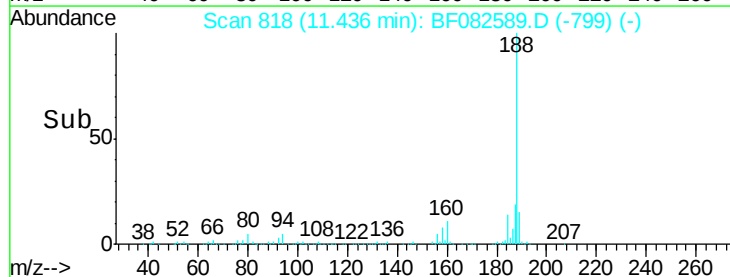
Abundance Ion 178.00 (177.70 to 178.70): E

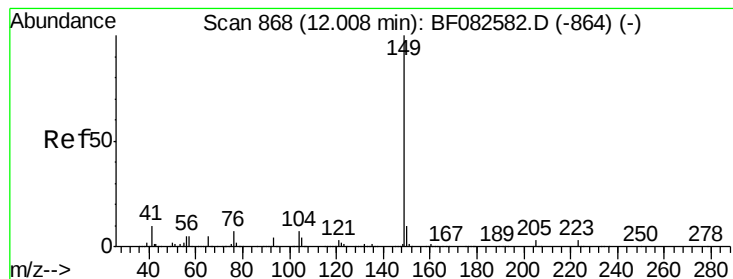
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 0.05 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

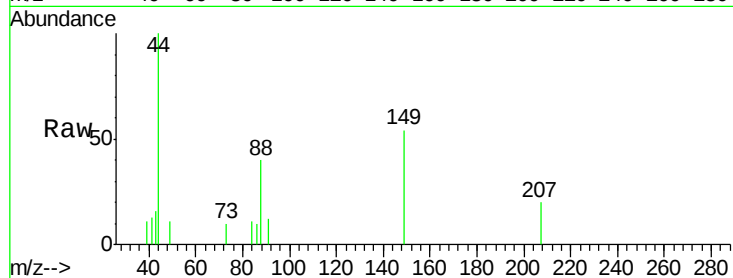
Tgt Ion:149 Resp: 2134

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

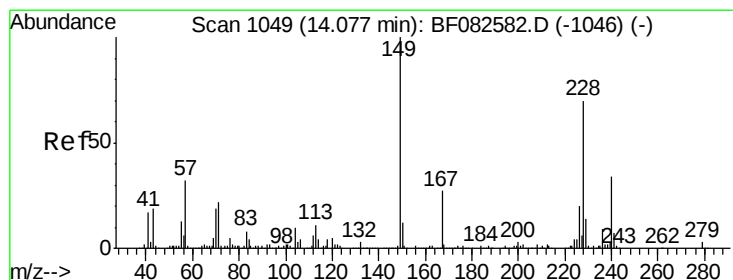
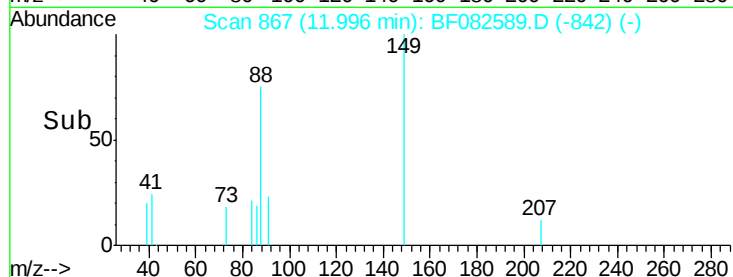
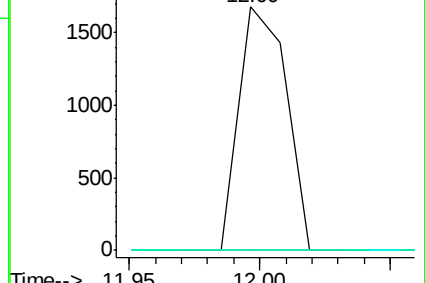
104 0.0 5.2 7.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

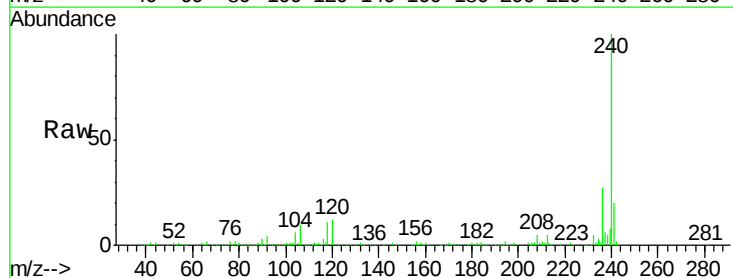
Tgt Ion:240 Resp: 542495

Ion Ratio Lower Upper

240 100

120 11.6 10.9 16.3

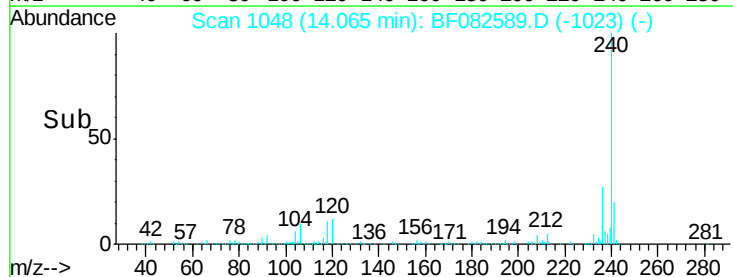
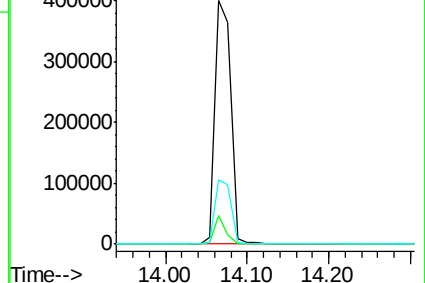
236 26.6 21.6 32.4

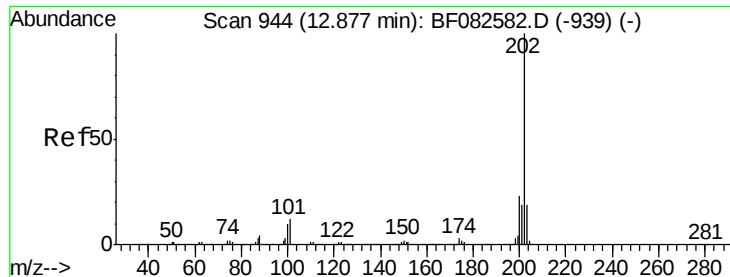


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.20 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.15 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

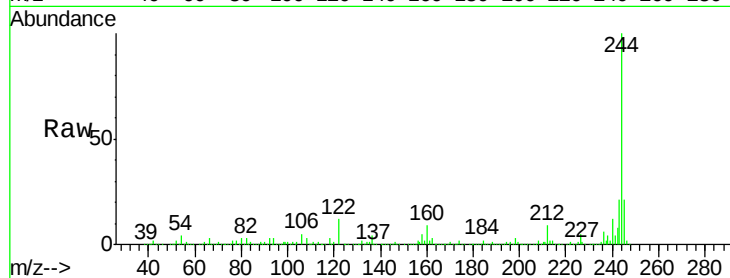
Tgt Ion:202 Resp: 7975

Ion Ratio Lower Upper

202 100

200 45.5 18.7 28.1#

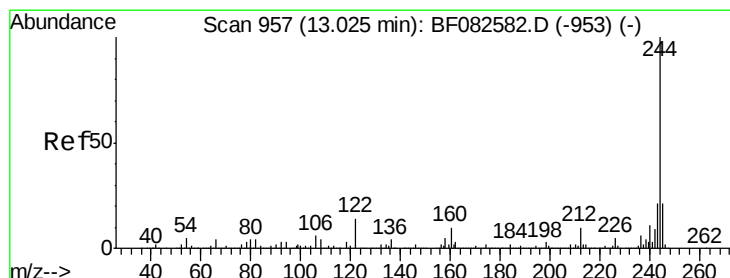
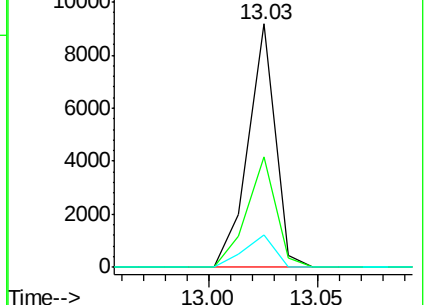
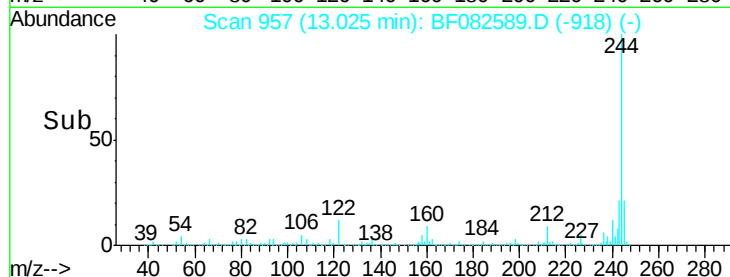
203 13.3 14.8 22.2#



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: 76.99 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

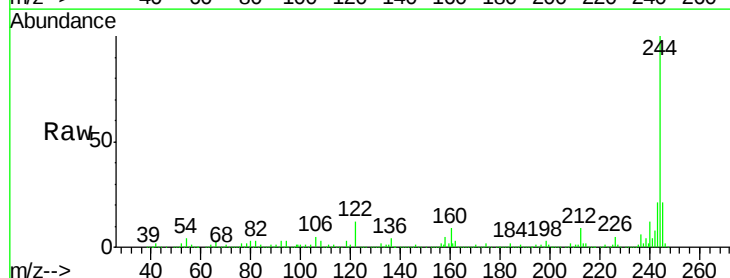
Tgt Ion:244 Resp: 1908452

Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

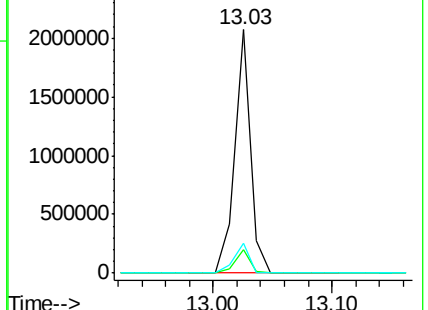
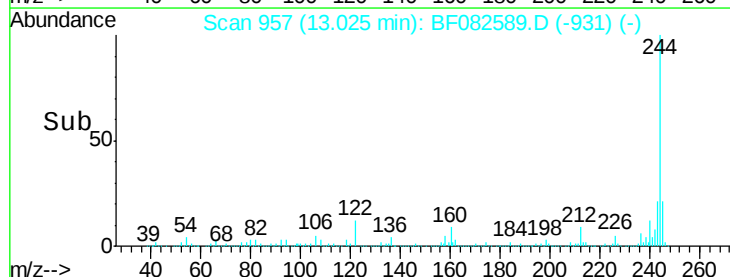
122 12.5 11.3 16.9

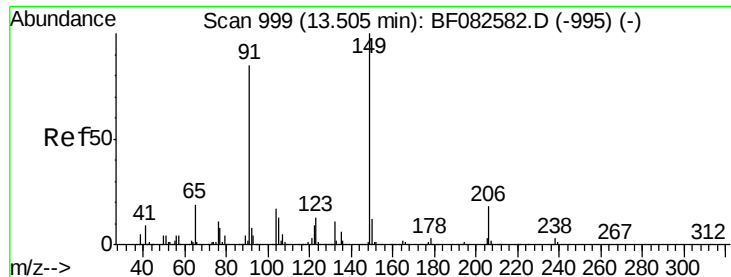


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.04 ng

RT: 13.56 min Scan# 1004

Delta R.T. 0.06 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

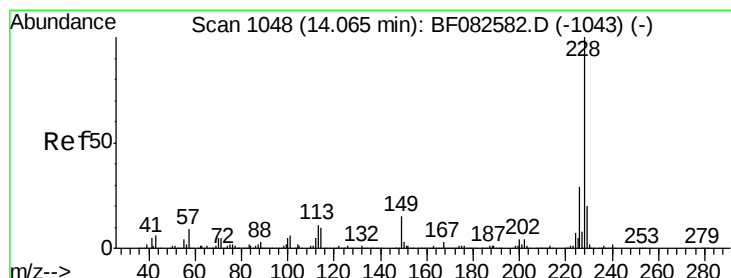
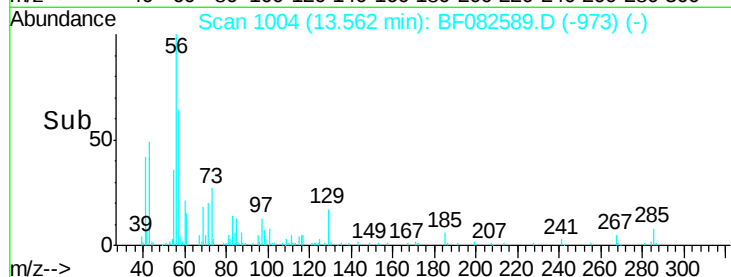
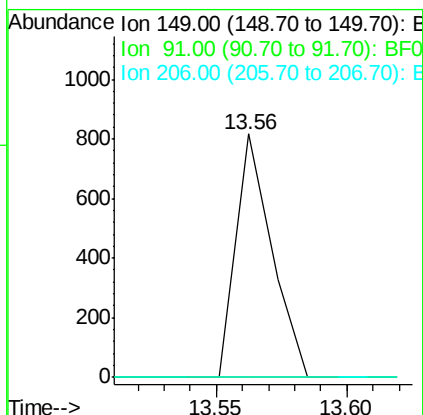
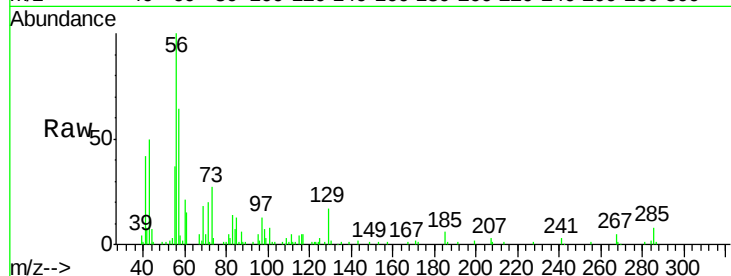
Instrument :

BNA_F

ClientSampled :

PB86301BL

Tgt Ion:	149	Resp:	785
Ion Ratio	Lower	Upper	
149	100		
91	0.0	67.7	101.5#
206	0.0	14.6	22.0#



#80

Benzo(a)anthracene

Concen: 0.04 ng

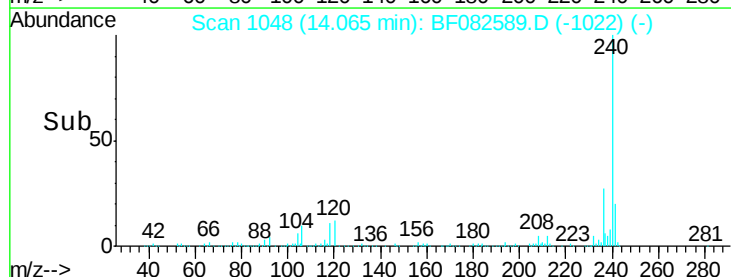
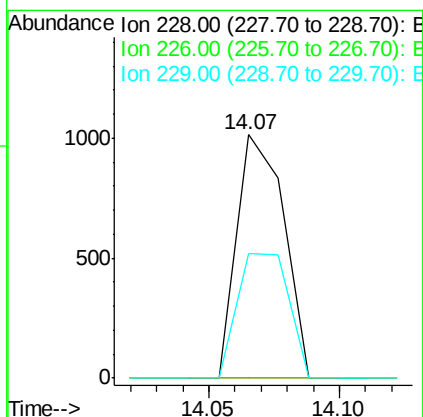
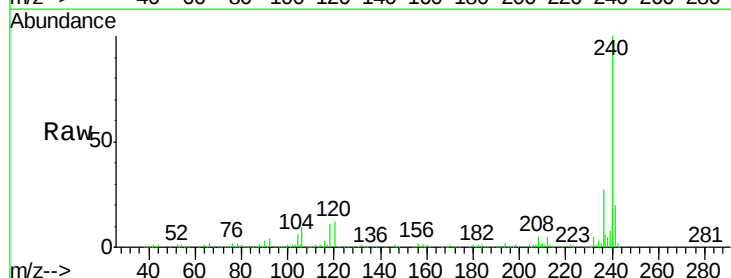
RT: 14.07 min Scan# 1048

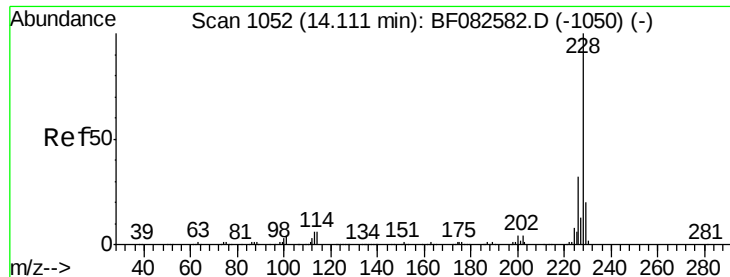
Delta R.T. -0.00 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Tgt Ion:	228	Resp:	1270
Ion Ratio	Lower	Upper	
228	100		
226	0.0	23.4	35.2#
229	51.2	16.3	24.5#





#82

Chrysene

Concen: 0.04 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

Instrument :

BNA_F

ClientSampleId :

PB86301BL

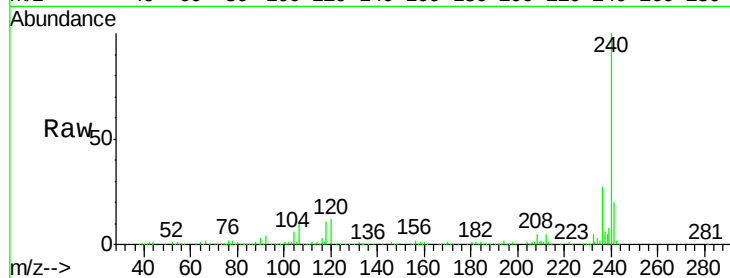
Tgt Ion:228 Resp: 1270

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

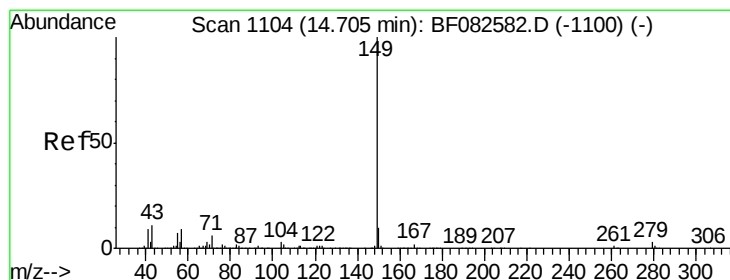
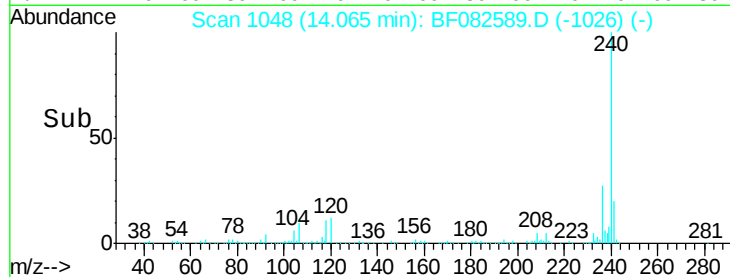
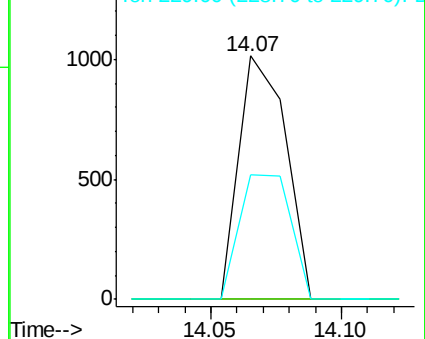
229 51.2 16.3 24.5#



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



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.84 min Scan# 1116

Delta R.T. 0.14 min

Lab File: BF082589.D

Acq: 30 Oct 2015 23:29

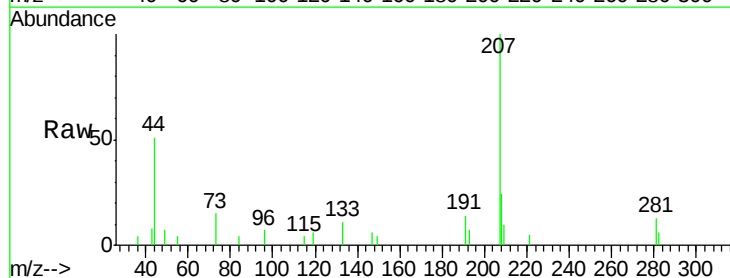
Tgt Ion:149 Resp: 209

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

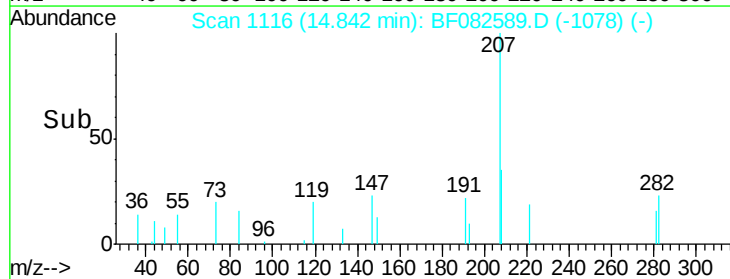
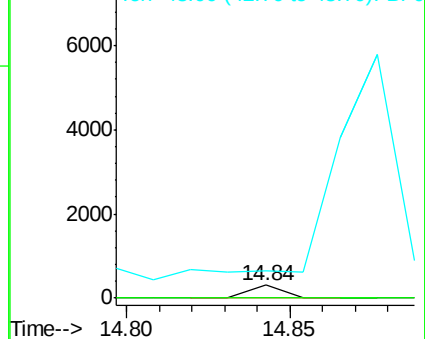
43 0.0 10.1 15.1#

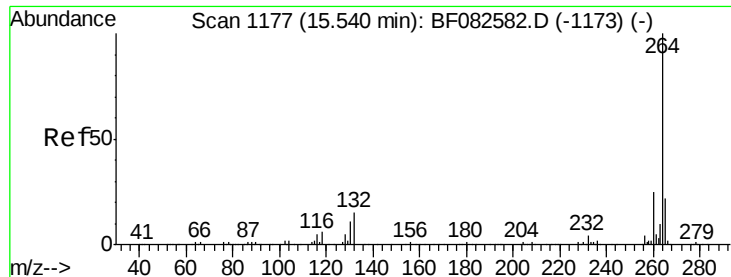


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

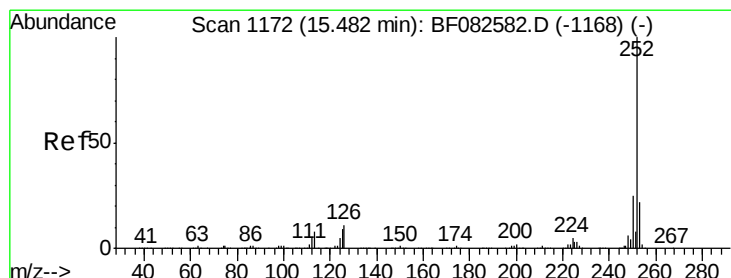
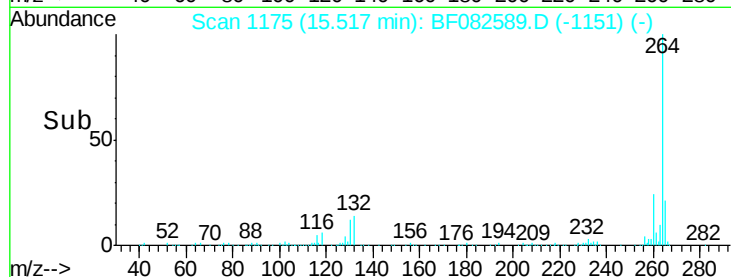
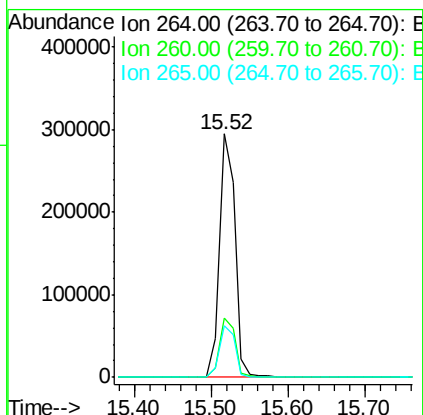
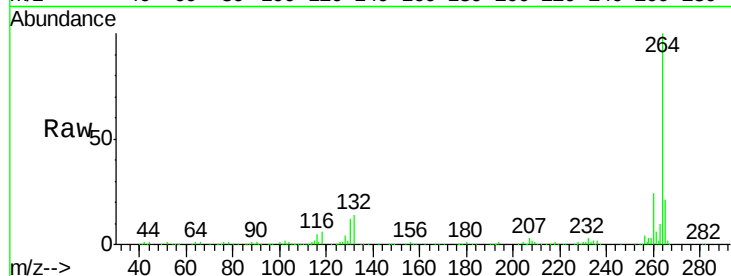




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF082589.D
Acq: 30 Oct 2015 23:29

Instrument :
BNA_F
ClientSampleId :
PB86301BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.3	17.4	26.0



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BF082589.D
Acq: 30 Oct 2015 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	23.5	7.1	10.7#

