

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075733.D
 Acq On : 21 Nov 2014 4:10
 Operator : TP / JJ
 Sample : F4768-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Quant Time: Nov 21 04:54:29 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

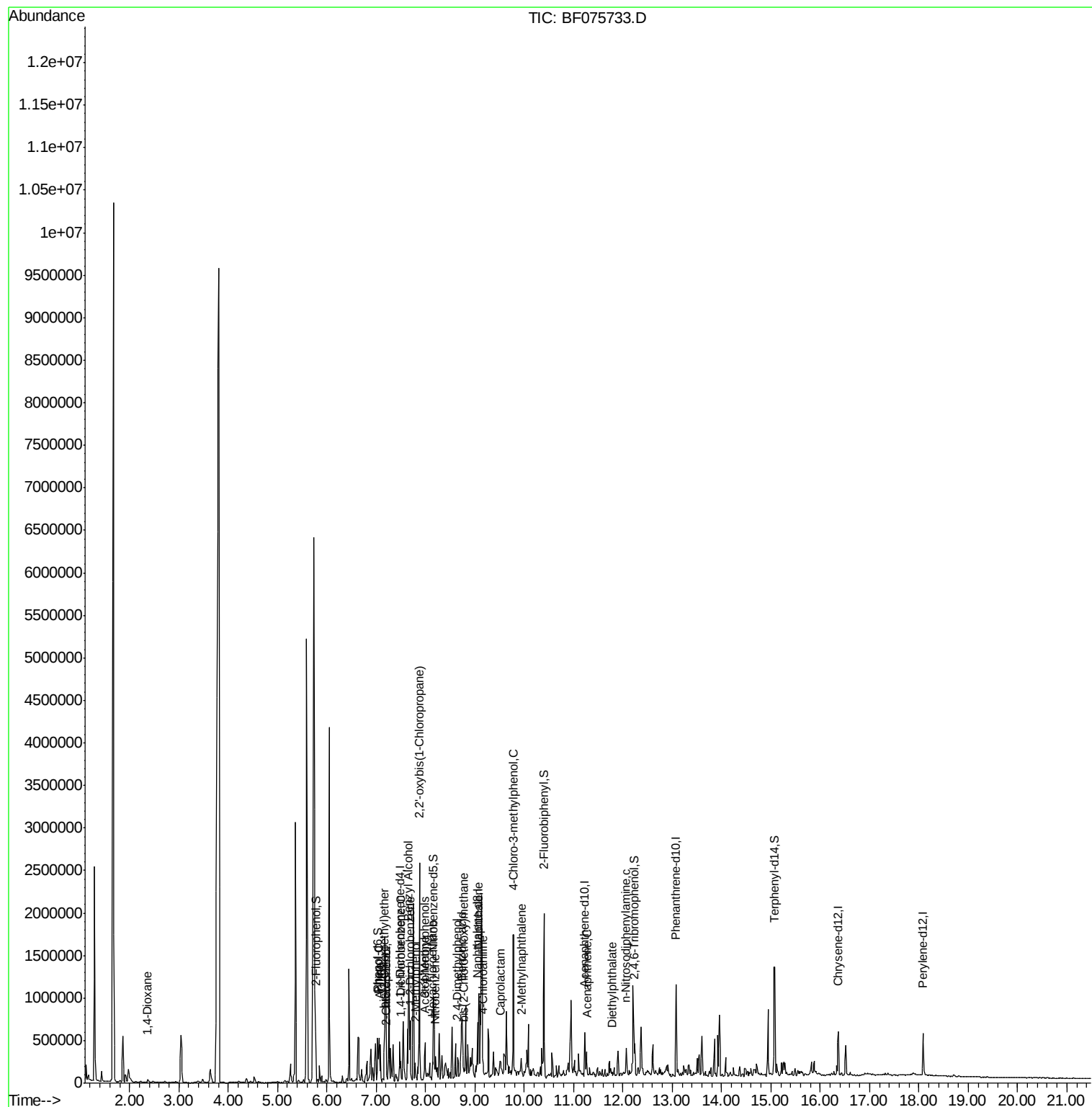
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	64612	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	278579	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	136363	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	225858	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	241655	20.00	ng	-0.02
86) Perylene-d12	18.08	264	248674	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	225944	54.33	ng	-0.01
7) Phenol-d6	7.03	99	170327	33.68	ng	-0.01
23) Nitrobenzene-d5	8.16	82	353757	77.94	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	150364	135.25	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	681343	78.22	ng	-0.01
78) Terphenyl-d14	15.08	244	604968	62.62	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	16669	8.85	ng	96
6) Aniline	7.06	93	200599	26.81	ng	97
8) 2-Chlorophenol	7.20	128	27877	5.99	ng	83
10) Phenol	7.05	94	88098	13.76	ng	# 41
11) bis(2-Chloroethyl)ether	7.16	93	42687	9.42	ng	90
13) 1,4-Dichlorobenzene	7.50	146	64219	12.23	ng	92
14) 1,2-Dichlorobenzene	7.68	146	54192	10.98	ng	93
15) Benzyl Alcohol	7.66	79	18365	5.08	ng	# 68
16) 2,2'-oxybis(1-Chloropropan	7.88	45	23446	2.65	ng	# 3
17) 2-Methylphenol	7.80	107	23746	6.04	ng	95
18) Hexachloroethane	8.14	117	10182	5.83	ng	# 1
20) 3+4-Methylphenols	7.99	107	123292	24.22	ng	# 62
22) Acetophenone	7.98	105	37468	5.57	ng	# 73
24) Nitrobenzene	8.18	77	15237	2.90	ng	# 40
27) 2,4-Dimethylphenol	8.64	122	37888	8.82	ng	96
28) bis(2-Chloroethoxy)methane	8.77	93	31918	5.44	ng	# 83
31) Naphthalene	9.08	128	584912	41.12	ng	100
32) Benzoic acid	8.73	122	41747	17.10	ng	# 79
33) 4-Chloroaniline	9.16	127	23531	3.86	ng	96
35) Caprolactam	9.51	113	4602	3.64	ng	# 1
36) 4-Chloro-3-methylphenol	9.78	107	157559	38.60	ng	# 21
37) 2-Methylnaphthalene	9.94	142	77939	8.23	ng	# 93
51) Acenaphthene	11.27	154	22461	2.89	ng	97
59) Diethylphthalate	11.78	149	27125	2.89	ng	# 87
65) n-Nitrosodiphenylamine	12.06	169	87549	10.69	ng	97
76) Benzidine	14.80	184	1106	Below Cal	#	1

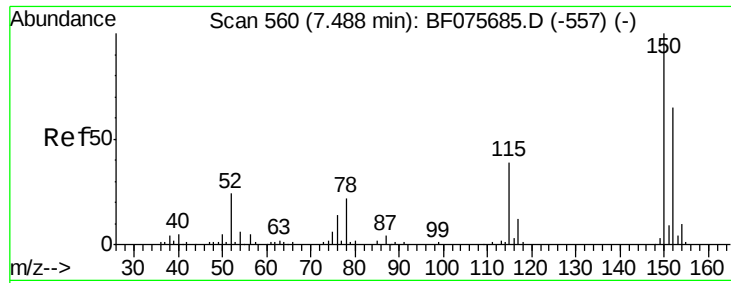
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

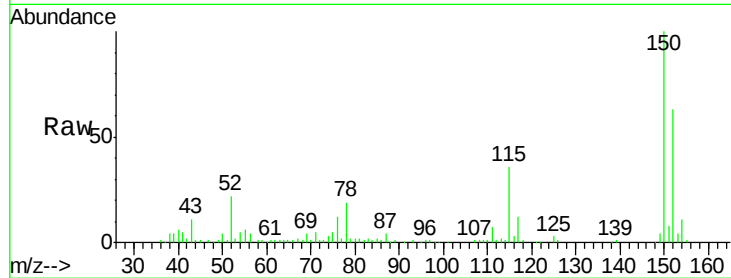
Tgt Ion:152 Resp: 64612

Ion Ratio Lower Upper

152 100

150 158.7 127.2 190.8

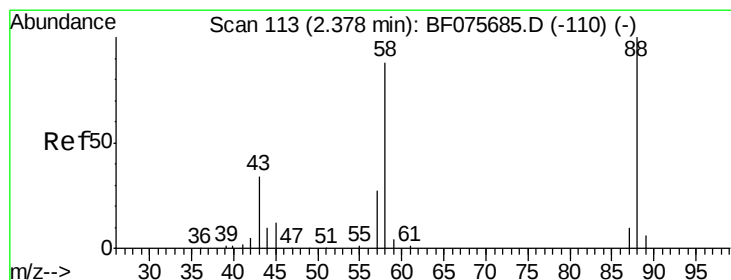
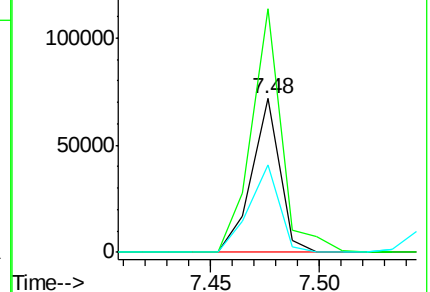
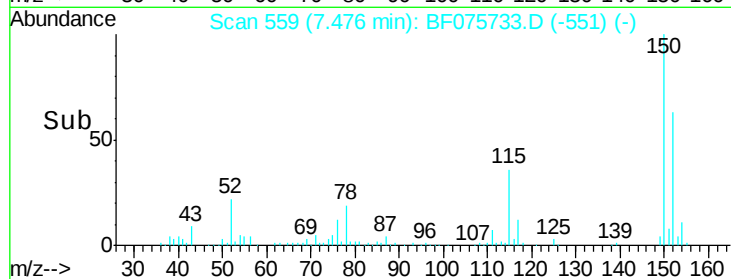
115 57.2 57.1 85.7



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: 8.85 ng

RT: 2.37 min Scan# 112

Delta R.T. -0.03 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

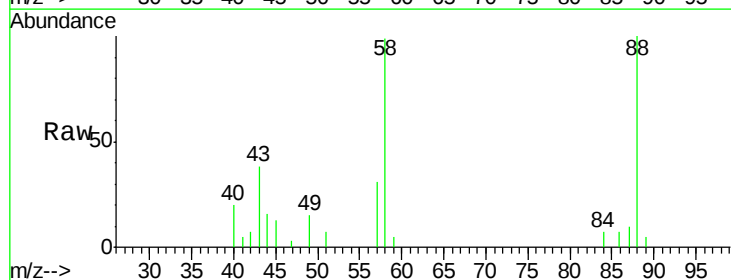
Tgt Ion: 88 Resp: 16669

Ion Ratio Lower Upper

88 100

58 95.2 73.5 110.3

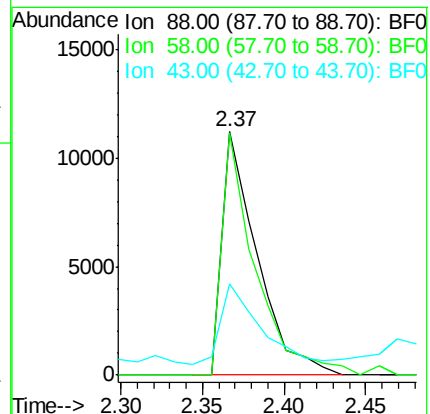
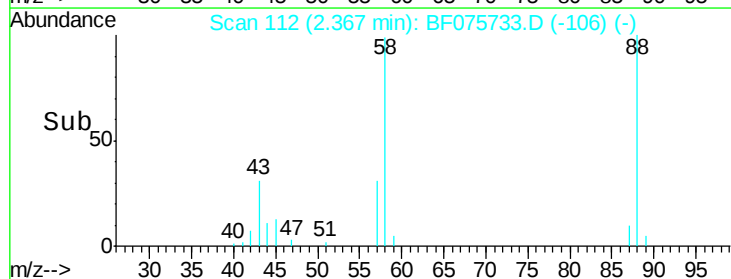
43 37.1 31.9 47.9

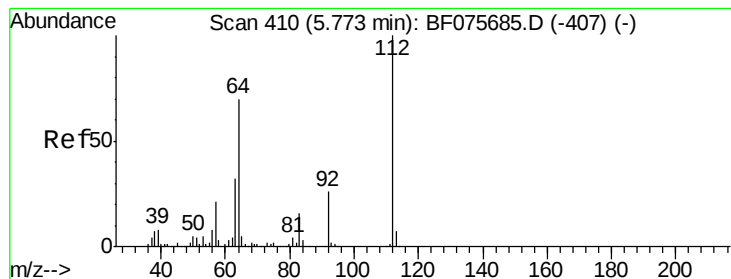


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.33 ng

RT: 5.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

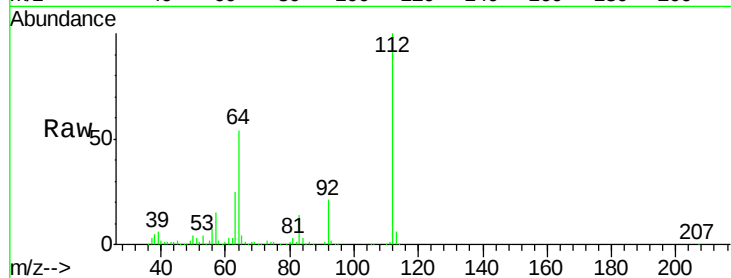
Tgt Ion: 112 Resp: 225944

Ion Ratio Lower Upper

112 100

64 54.1 45.8 68.6

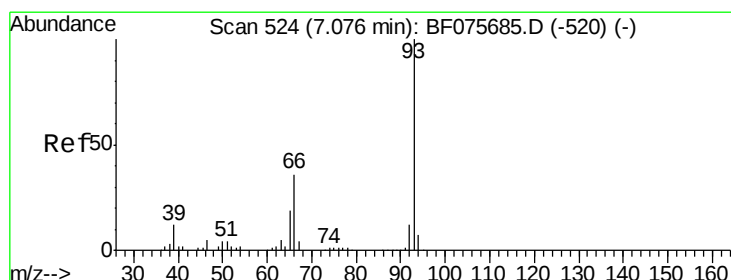
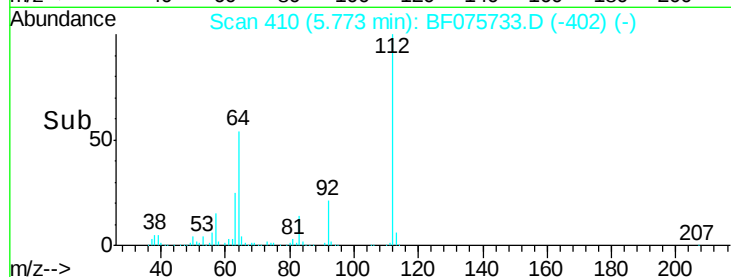
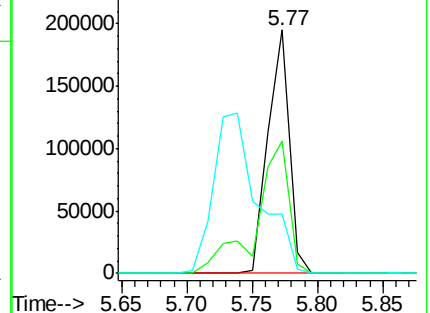
63 24.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF075685.D (-407) (-)

Ion 64.00 (63.70 to 64.70): BF075685.D (-407) (-)

Ion 63.00 (62.70 to 63.70): BF075685.D (-407) (-)



#6

Aniline

Concen: 26.81 ng

RT: 7.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

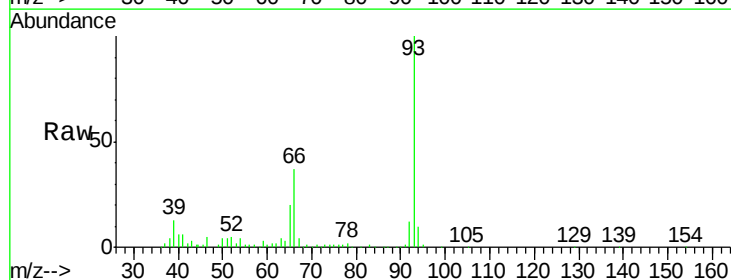
Tgt Ion: 93 Resp: 200599

Ion Ratio Lower Upper

93 100

66 37.4 31.8 47.8

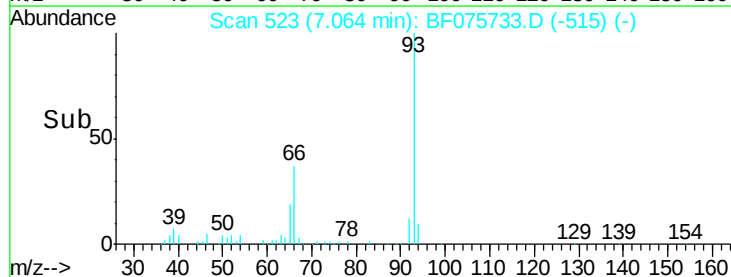
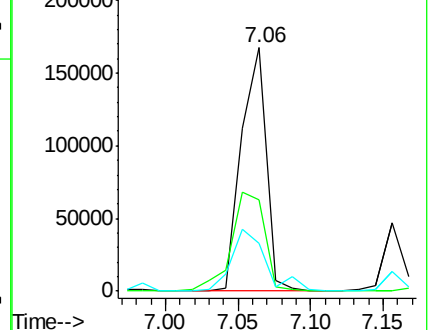
65 19.6 16.6 25.0

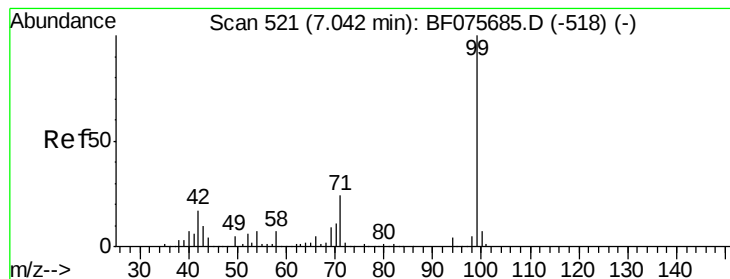


Abundance Ion 93.00 (92.70 to 93.70): BF075685.D (-520) (-)

Ion 66.00 (65.70 to 66.70): BF075685.D (-520) (-)

Ion 65.00 (64.70 to 65.70): BF075685.D (-520) (-)





#7

Phenol-d6

Concen: 33.68 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

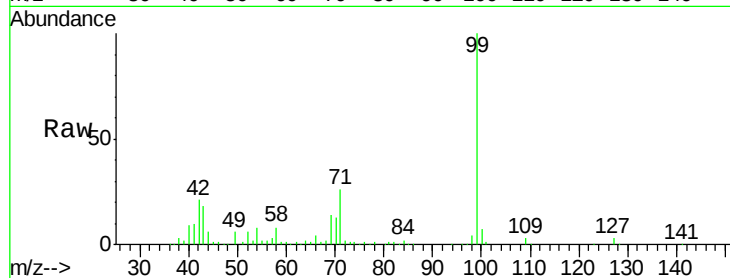
Tgt Ion: 99 Resp: 170327

Ion Ratio Lower Upper

99 100

42 21.0 19.8 29.6

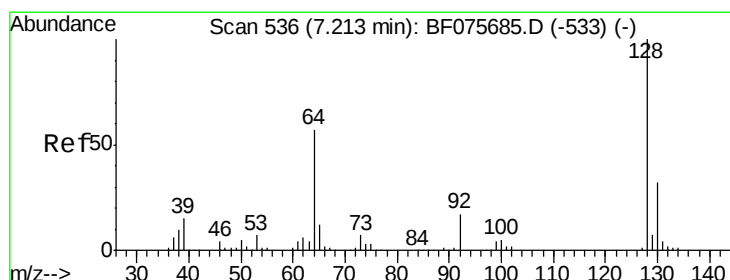
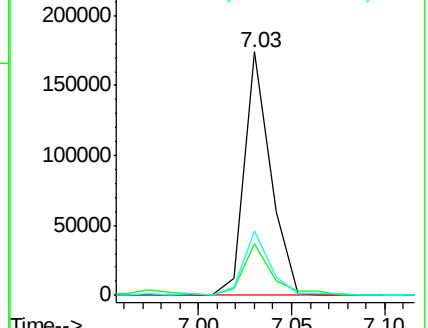
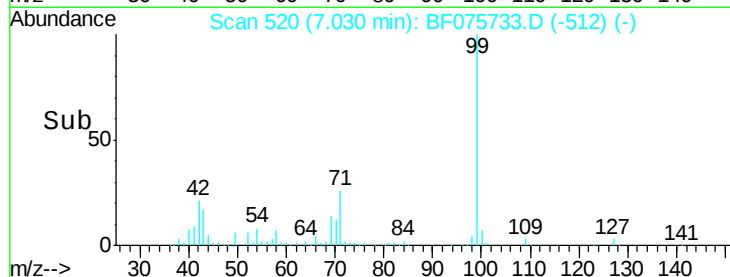
71 26.3 25.5 38.3



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: 5.99 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

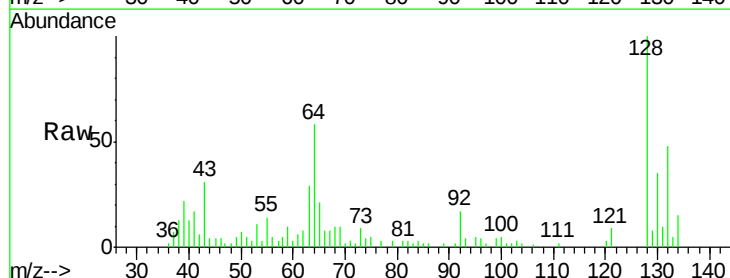
Tgt Ion: 128 Resp: 27877

Ion Ratio Lower Upper

128 100

130 34.8 12.7 52.7

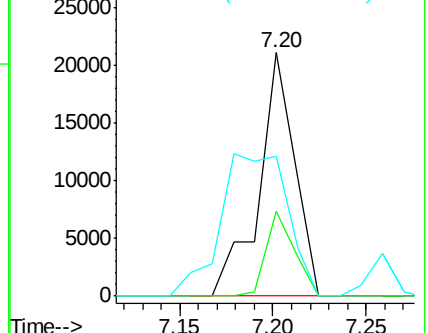
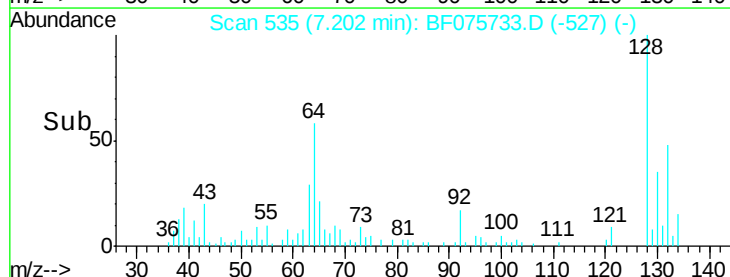
64 57.6 20.3 60.3

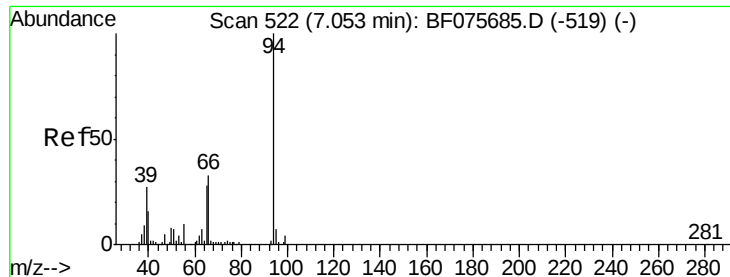


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.76 ng

RT: 7.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

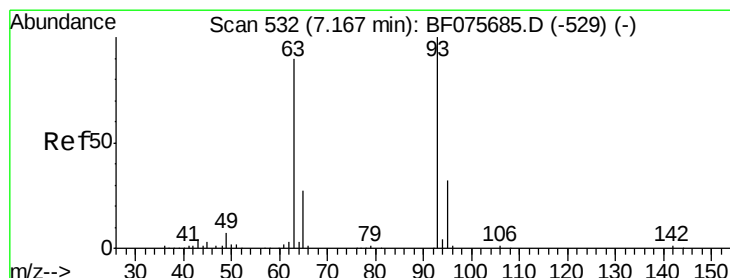
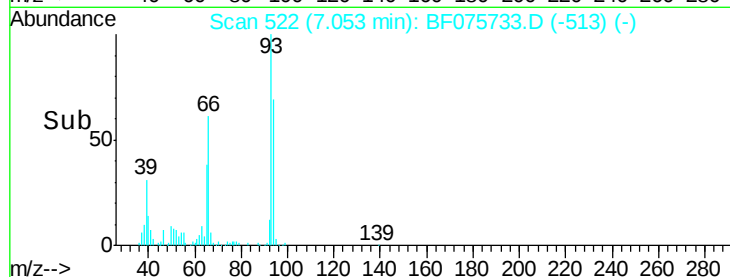
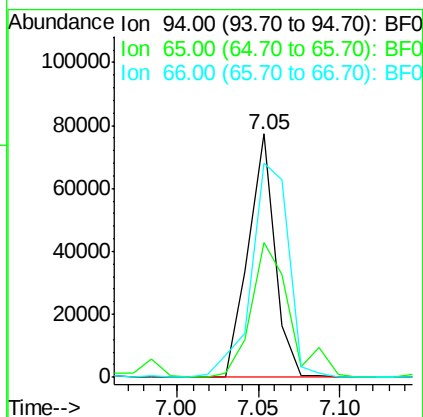
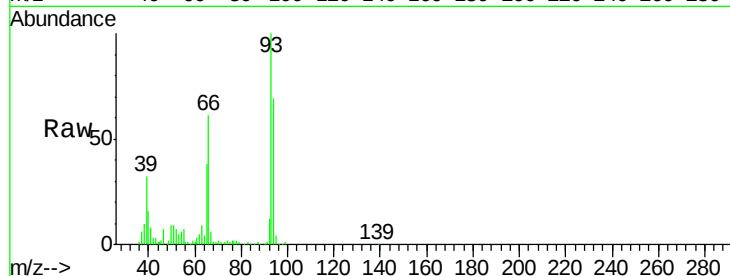
Tgt Ion: 94 Resp: 88098

Ion Ratio Lower Upper

94 100

65 55.2 13.1 53.1#

66 87.9 20.8 60.8#



#11

bis(2-Chloroethyl)ether

Concen: 9.42 ng

RT: 7.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

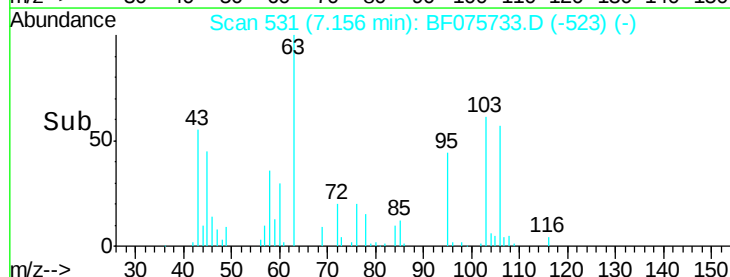
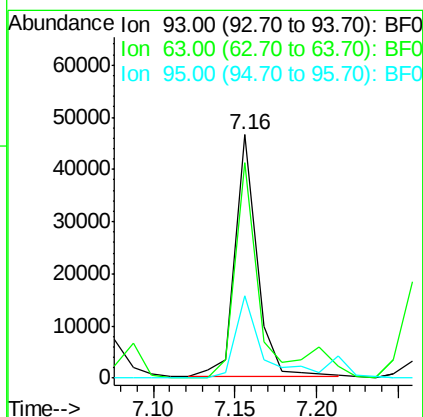
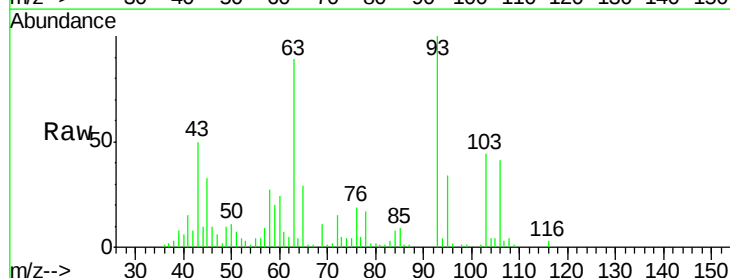
Tgt Ion: 93 Resp: 42687

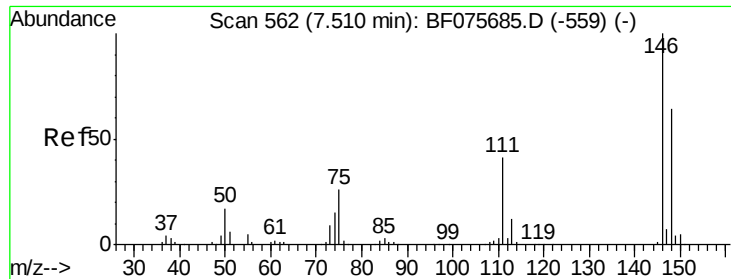
Ion Ratio Lower Upper

93 100

63 88.5 79.8 119.8

95 33.6 11.2 51.2

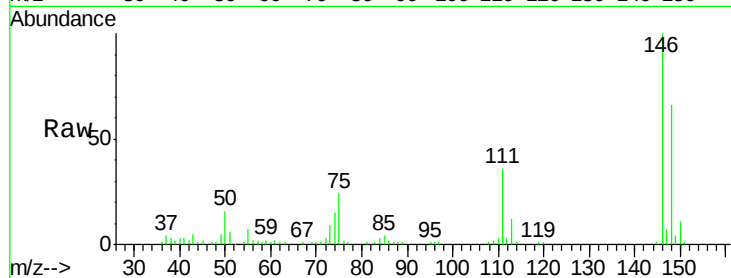




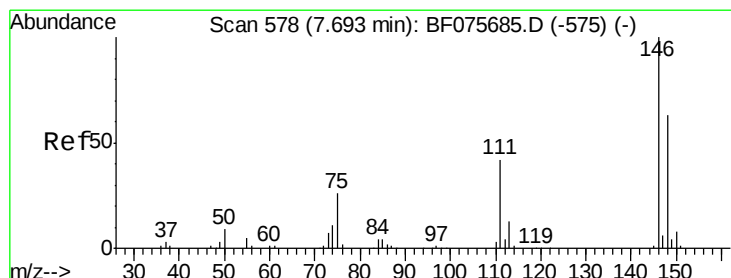
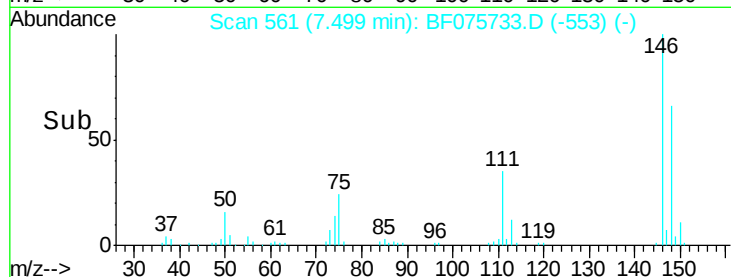
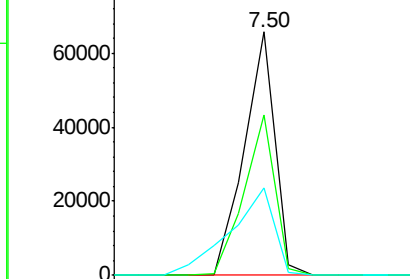
#13
 1,4-Dichlorobenzene
 Concen: 12.23 ng
 RT: 7.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Instrument :
 BNA_F
 ClientSampled :
 SP-1A

Tgt Ion:146 Resp: 64219
 Ion Ratio Lower Upper
 146 100
 148 66.0 49.9 74.9
 111 35.9 35.8 53.6

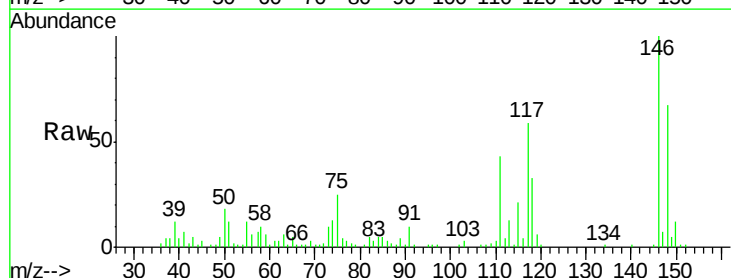


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

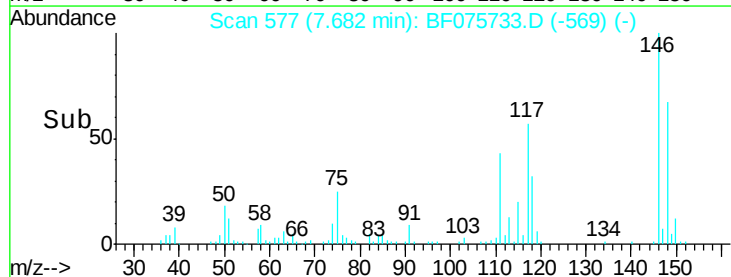
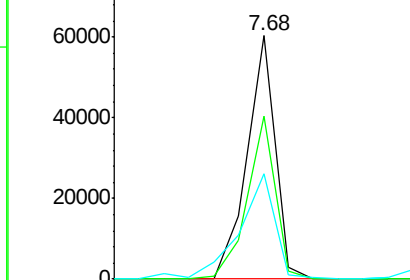


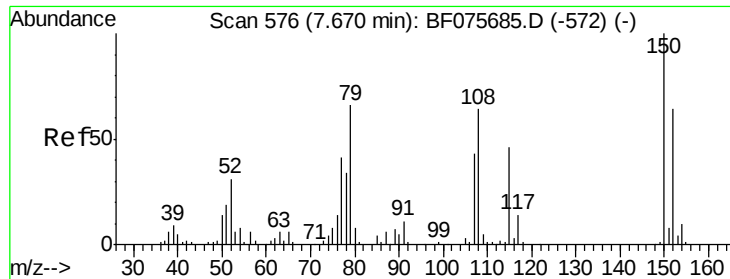
#14
 1,2-Dichlorobenzene
 Concen: 10.98 ng
 RT: 7.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Tgt Ion:146 Resp: 54192
 Ion Ratio Lower Upper
 146 100
 148 66.9 50.7 76.1
 111 43.1 39.9 59.9



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: 5.08 ng

RT: 7.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

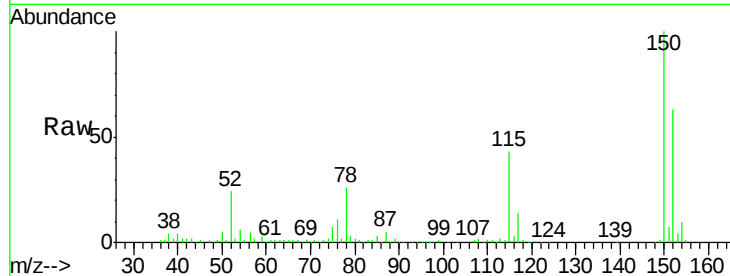
Tgt Ion: 79 Resp: 18365

Ion Ratio Lower Upper

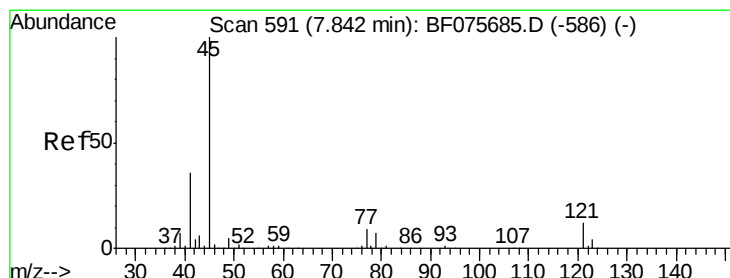
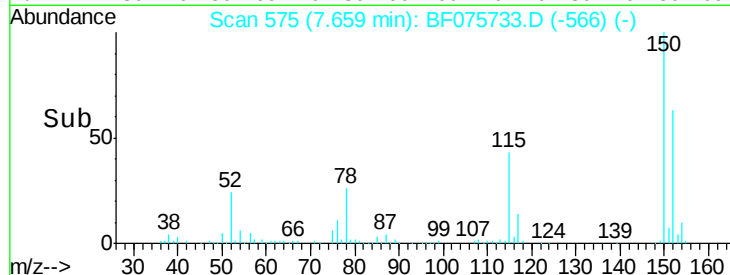
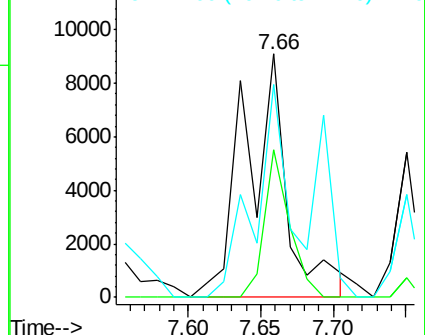
79 100

108 60.5 75.5 113.3#

77 87.3 52.1 78.1#



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: 2.65 ng

RT: 7.88 min Scan# 594

Delta R.T. 0.03 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

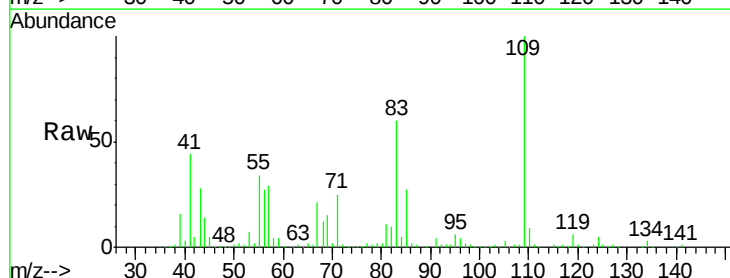
Tgt Ion: 45 Resp: 23446

Ion Ratio Lower Upper

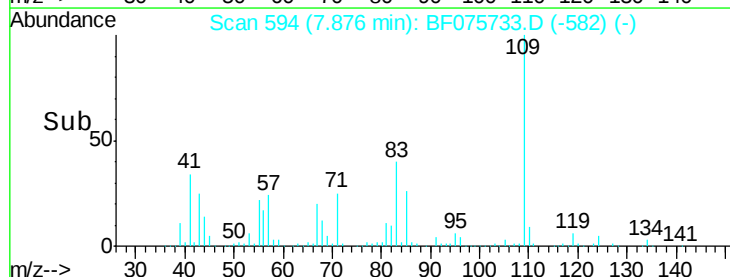
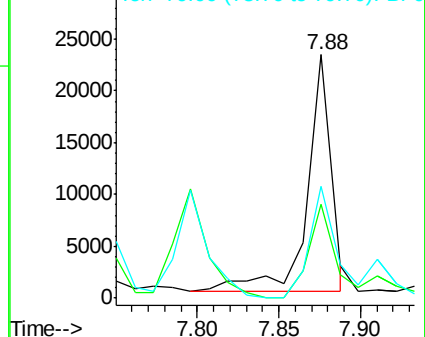
45 100

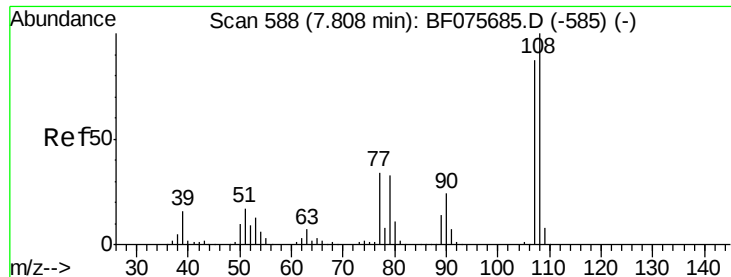
77 38.4 0.0 28.6#

79 46.1 0.0 26.5#



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

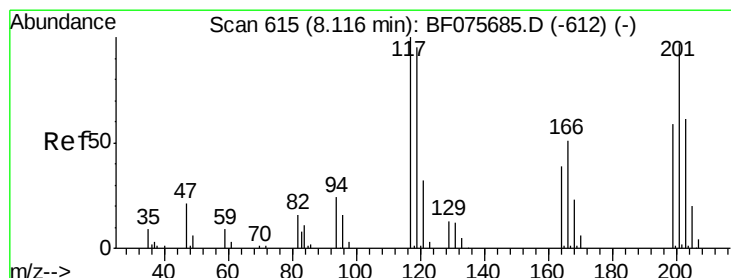
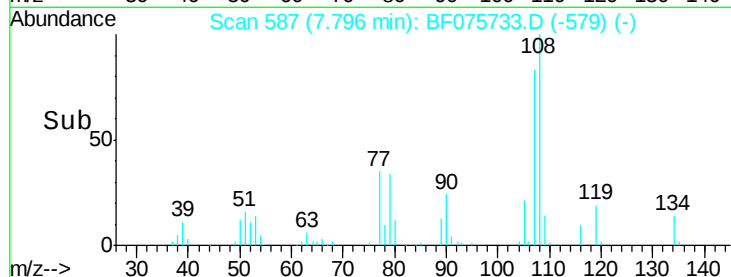
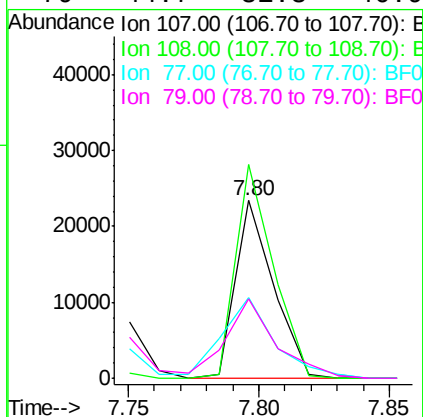
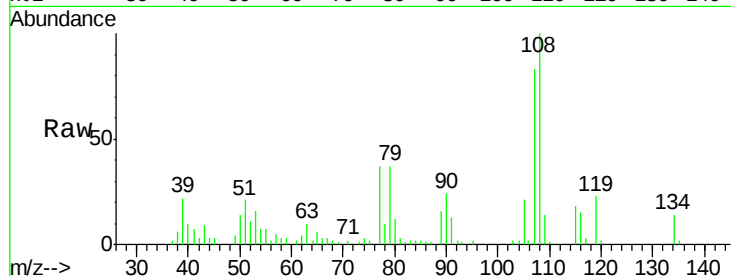




#17
2-Methylphenol
Concen: 6.04 ng
RT: 7.80 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF075733.D
Acq: 21 Nov 2014 4:10

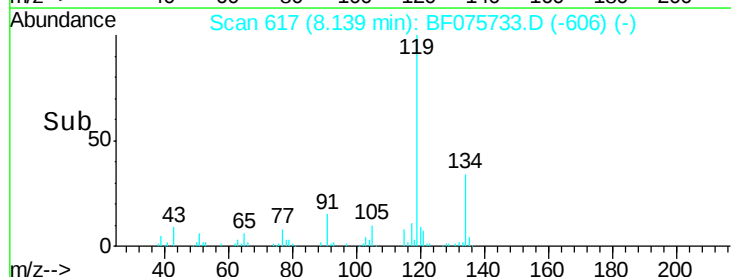
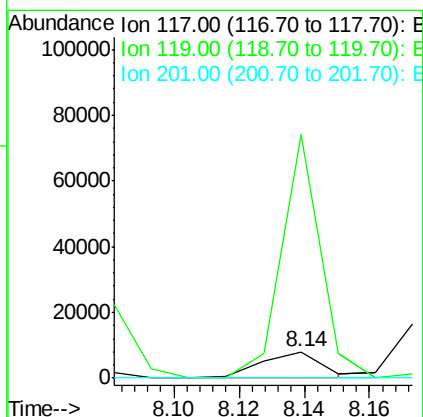
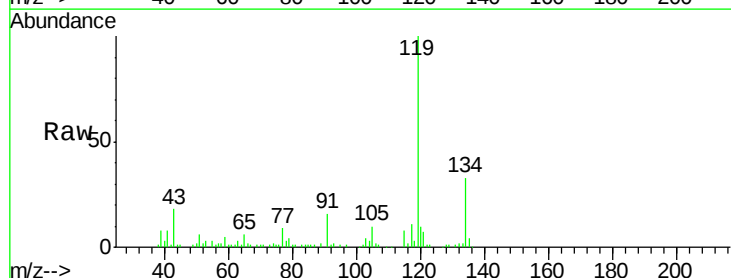
Instrument :
BNA_F
ClientSampleId :
SP-1A

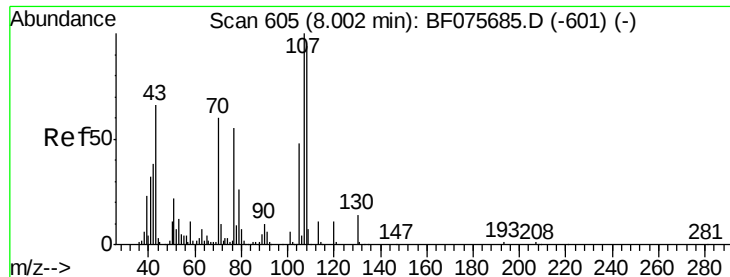
Tgt Ion:	107	Resp:	23746
Ion	Ratio	Lower	Upper
107	100		
108	120.4	95.6	143.4
77	45.1	30.2	45.4
79	44.7	31.3	46.9



#18
Hexachloroethane
Concen: 5.83 ng
RT: 8.14 min Scan# 617
Delta R.T. 0.02 min
Lab File: BF075733.D
Acq: 21 Nov 2014 4:10

Tgt Ion:	117	Resp:	10182
Ion	Ratio	Lower	Upper
117	100		
119	928.9	72.9	109.3#
201	0.0	48.2	72.4#





#20

3+4-Methylphenols

Concen: 24.22 ng

RT: 7.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

Tgt Ion:107 Resp: 123292

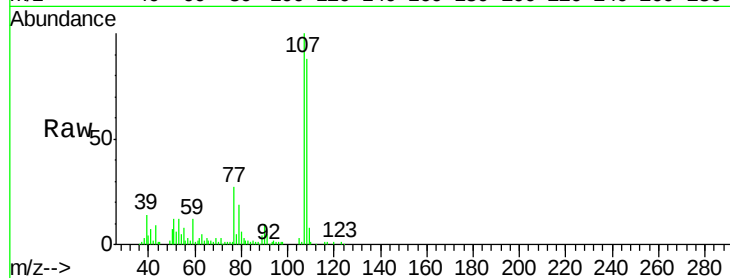
Ion Ratio Lower Upper

107 100

108 88.2 69.6 109.6

77 26.7 84.4 124.4#

79 19.5 5.5 45.5

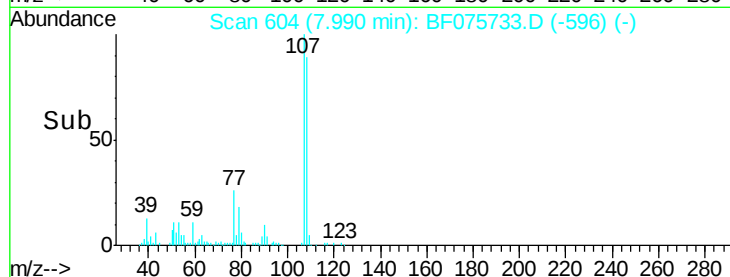


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Abundance

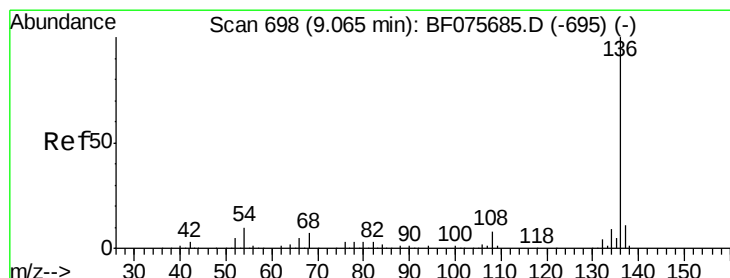
150000

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Tgt Ion:136 Resp: 278579

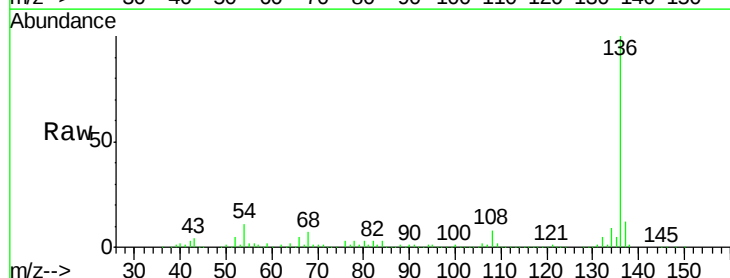
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 10.8 6.2 9.4#

68 7.3 3.4 5.2#

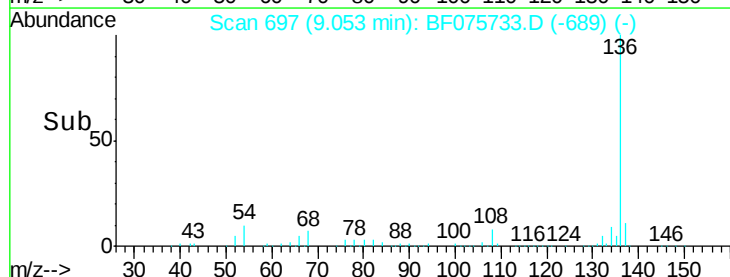


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

400000

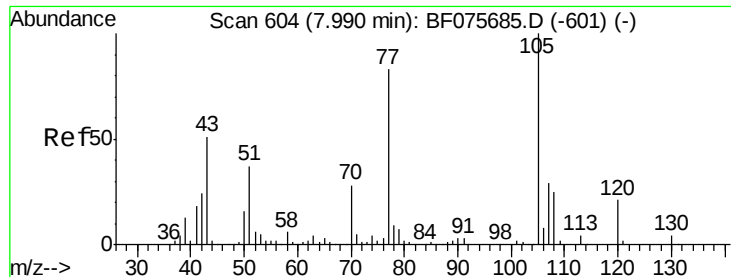
300000

200000

100000

0

Time-->



#22

Acetophenone

Concen: 5.57 ng

RT: 7.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

Tgt Ion: 105 Resp: 37468

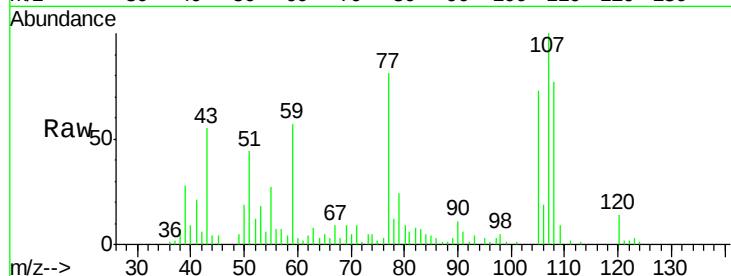
Ion Ratio Lower Upper

105 100

71 13.0 10.5 15.7

51 60.3 24.2 36.2#

120 19.6 17.5 26.3

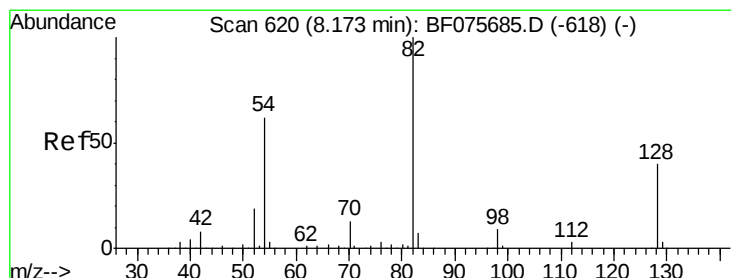
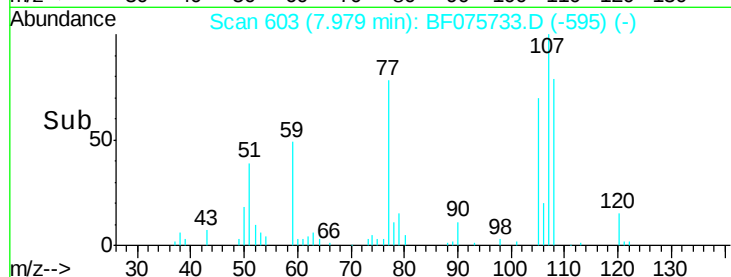
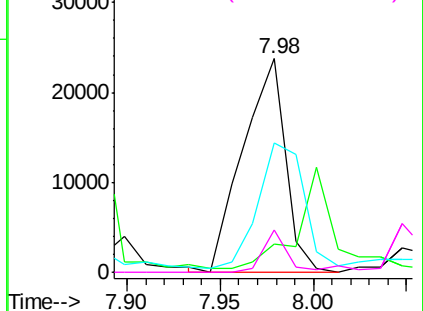


Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.94 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

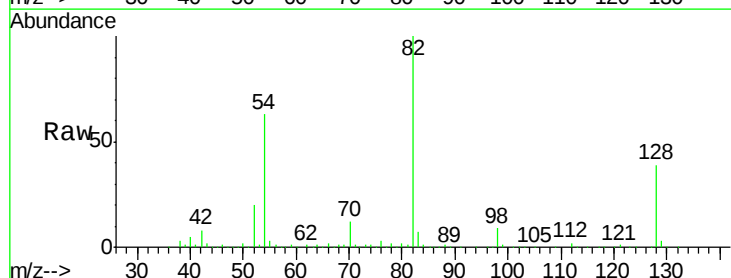
Tgt Ion: 82 Resp: 353757

Ion Ratio Lower Upper

82 100

128 39.3 37.8 56.6

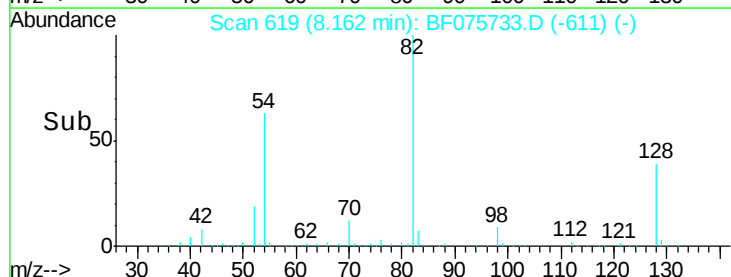
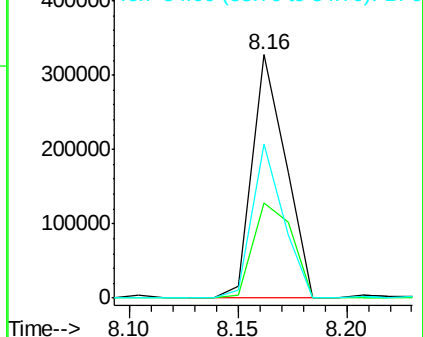
54 63.1 49.8 74.8

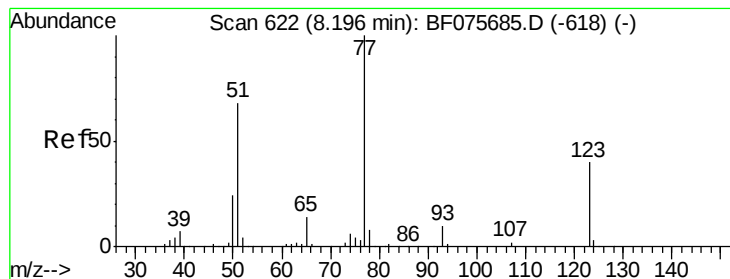


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.90 ng

RT: 8.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

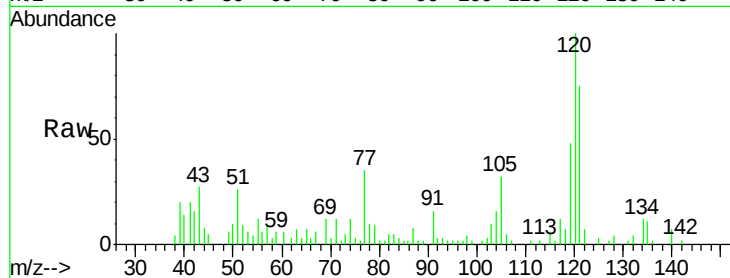
Tgt Ion: 77 Resp: 15237

Ion Ratio Lower Upper

77 100

123 0.0 39.0 58.4#

65 20.5 10.6 15.8#

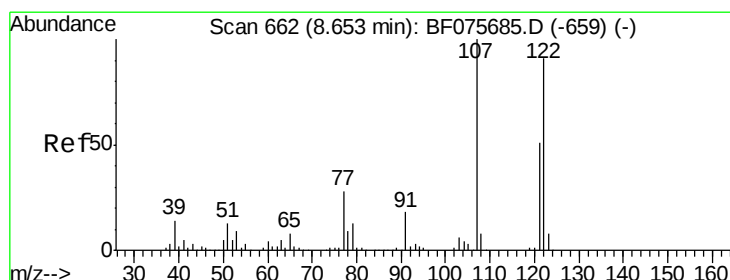
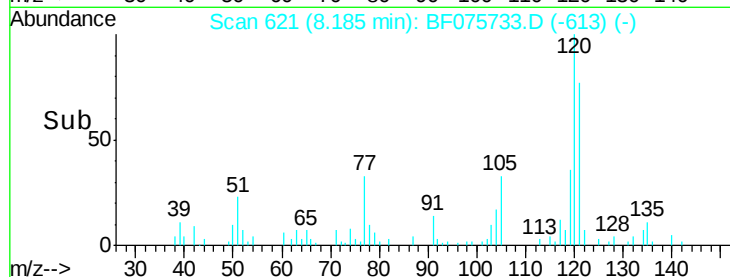


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#27

2,4-Dimethylphenol

Concen: 8.82 ng

RT: 8.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

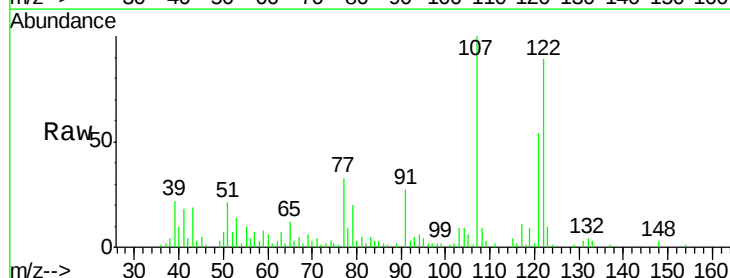
Tgt Ion: 122 Resp: 37888

Ion Ratio Lower Upper

122 100

107 112.5 86.5 129.7

121 60.4 45.4 68.2

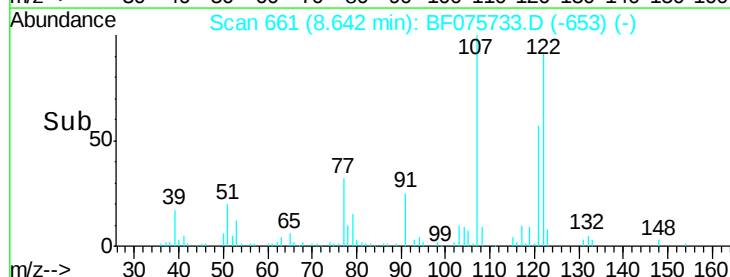


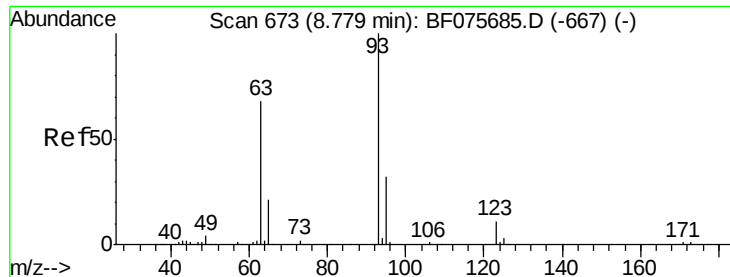
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->

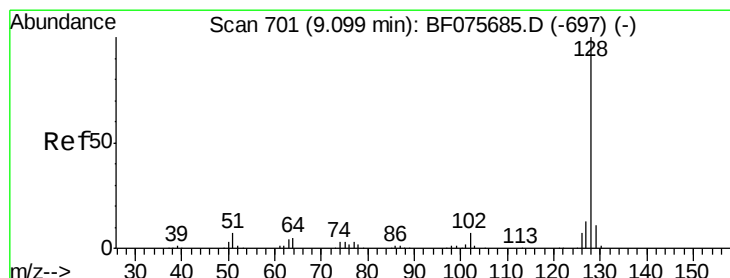
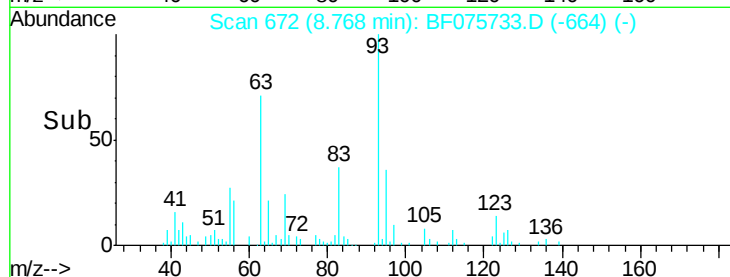
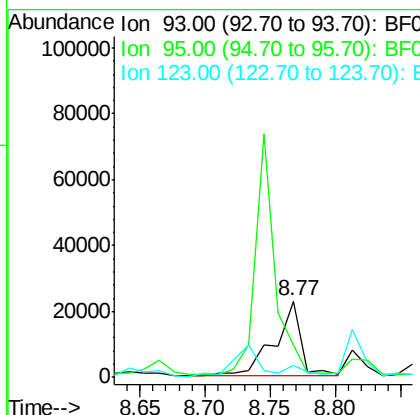
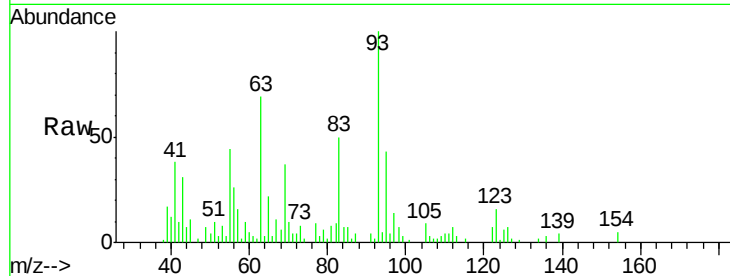




#28
bis(2-Chloroethoxy)methane
Concen: 5.44 ng
RT: 8.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF075733.D
Acq: 21 Nov 2014 4:10

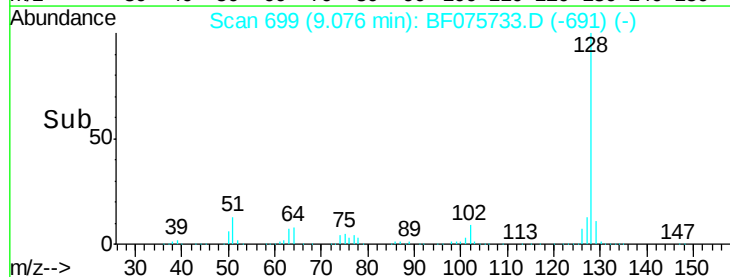
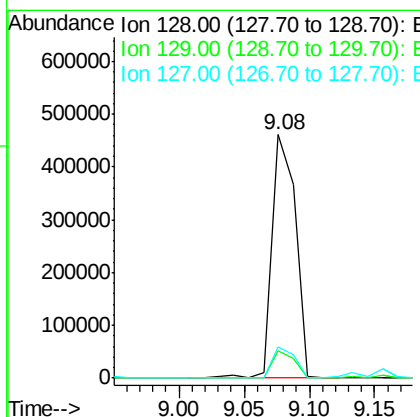
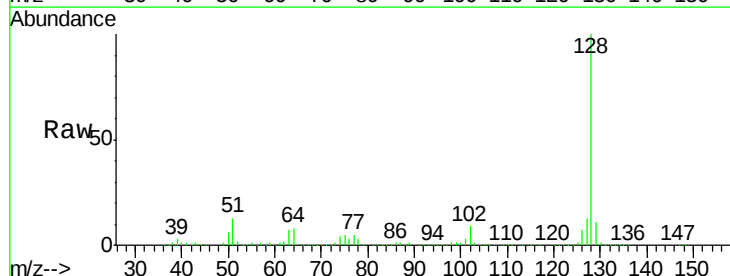
Instrument :
BNA_F
ClientSampled :
SP-1A

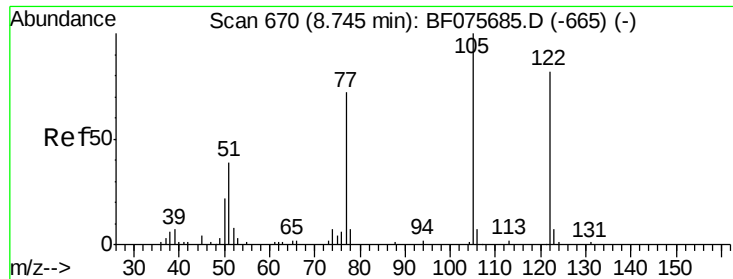
Tgt Ion: 93 Resp: 31918
Ion Ratio Lower Upper
93 100
95 42.8 26.2 39.4#
123 16.0 8.8 13.2#



#31
Naphthalene
Concen: 41.12 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF075733.D
Acq: 21 Nov 2014 4:10

Tgt Ion: 128 Resp: 584912
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.7 10.2 15.4





#32

Benzoic acid

Concen: 17.10 ng

RT: 8.73 min Scan# 669

Delta R.T. 0.03 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

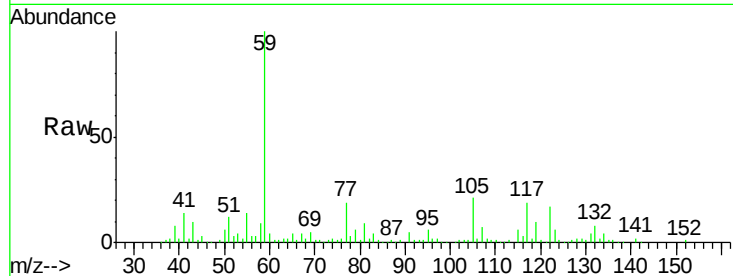
Tgt Ion:122 Resp: 41747

Ion Ratio Lower Upper

122 100

105 127.4 95.1 135.1

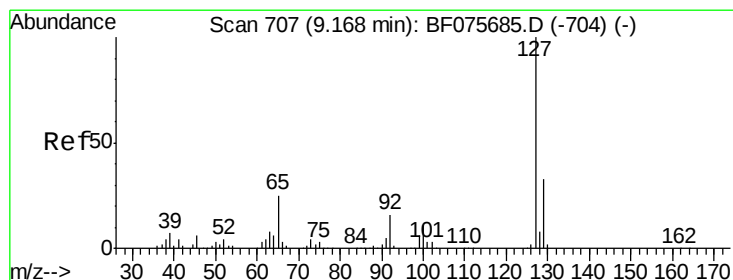
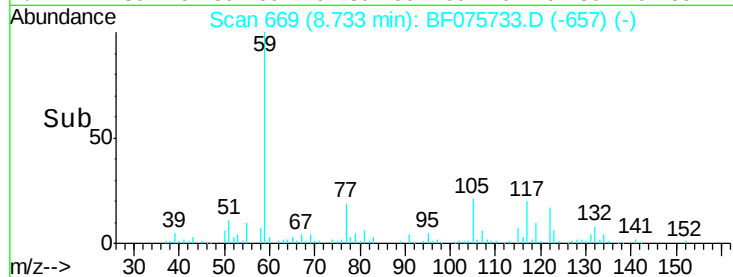
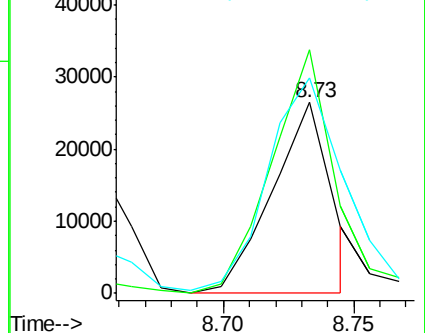
77 112.9 62.6 102.6#



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: 3.86 ng

RT: 9.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Tgt Ion:127 Resp: 23531

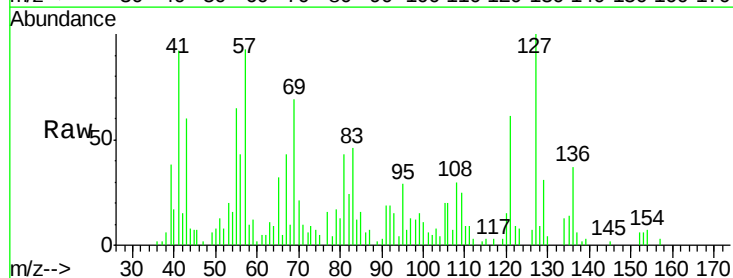
Ion Ratio Lower Upper

127 100

129 31.1 25.5 38.3

65 31.9 22.8 34.2

92 19.4 13.8 20.6

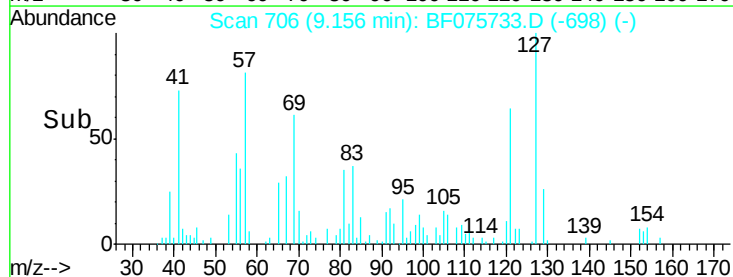
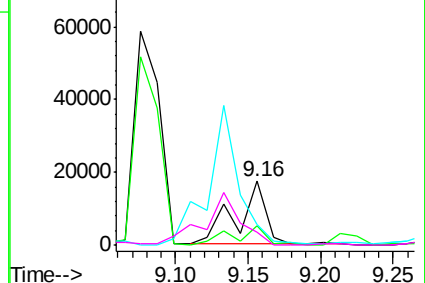


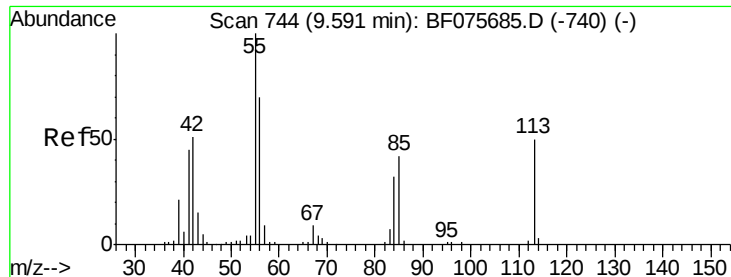
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

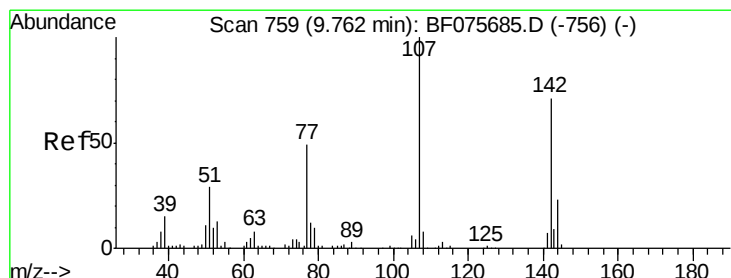
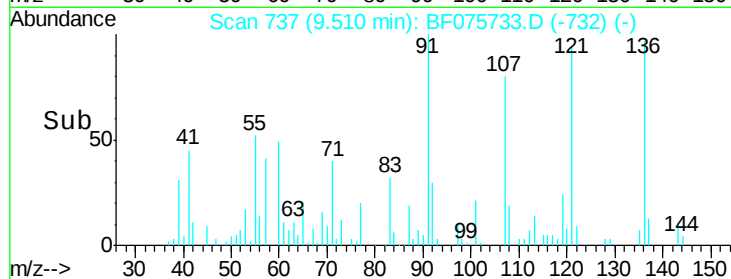
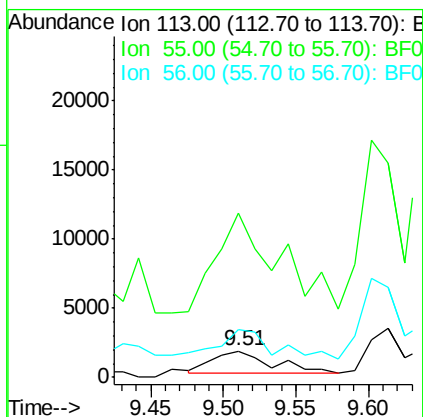
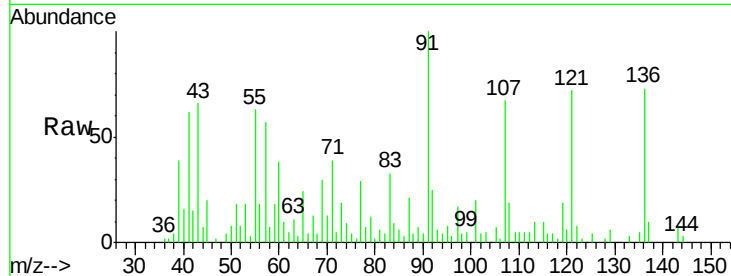




#35
 Caprolactam
 Concen: 3.64 ng
 RT: 9.51 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

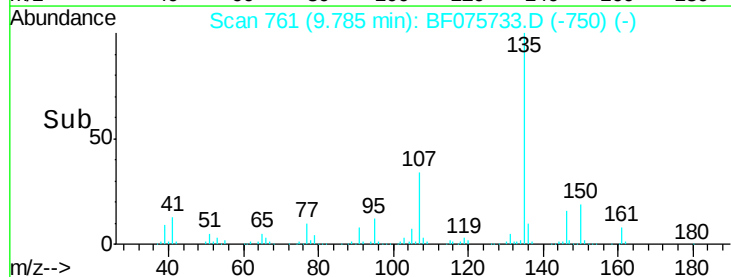
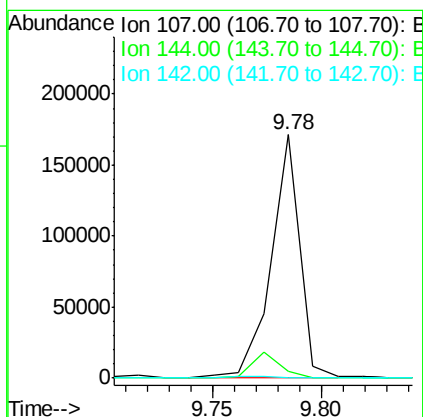
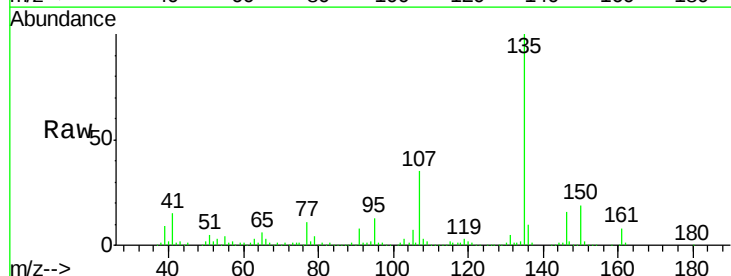
Instrument :
 BNA_F
 ClientSampleID :
 SP-1A

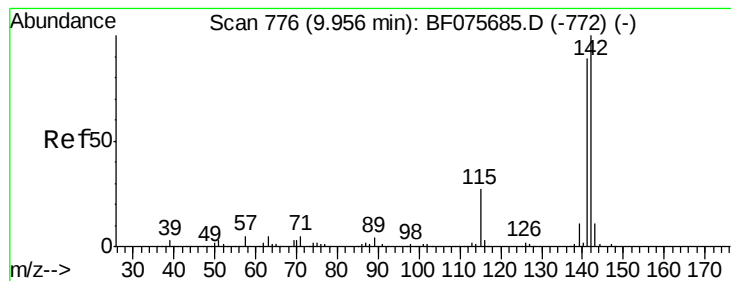
Tgt Ion:113 Resp: 4602
 Ion Ratio Lower Upper
 113 100
 55 619.4 226.9 266.9#
 56 181.2 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.60 ng
 RT: 9.78 min Scan# 761
 Delta R.T. 0.02 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Tgt Ion:107 Resp: 157559
 Ion Ratio Lower Upper
 107 100
 144 2.7 19.1 28.7#
 142 0.3 62.9 94.3#

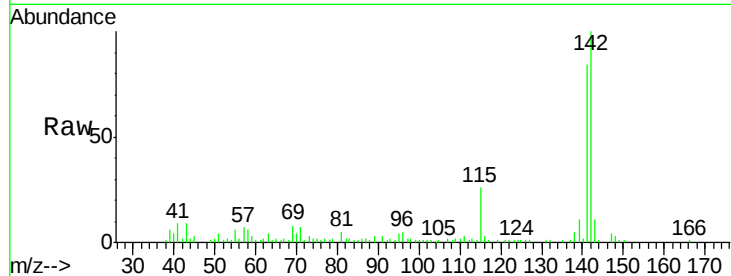




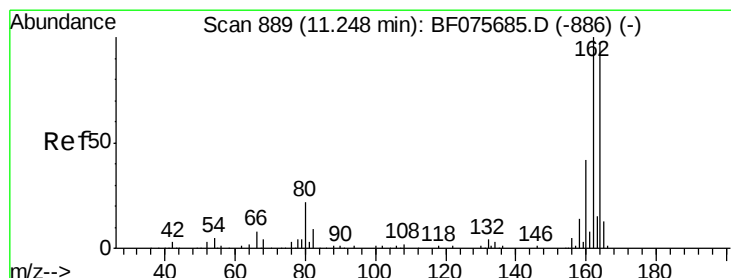
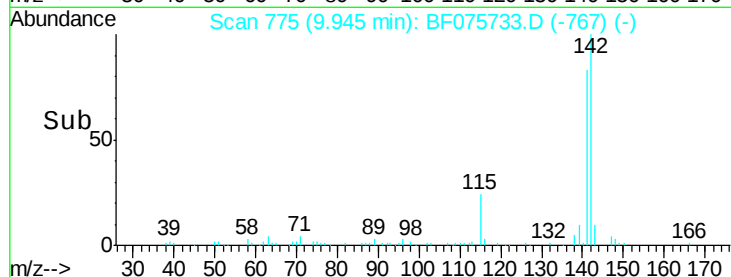
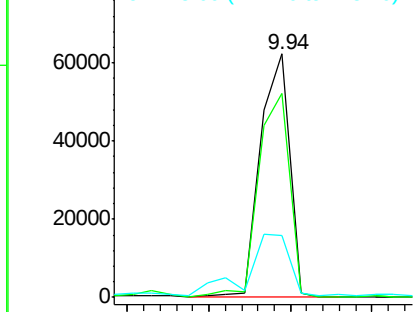
#37
 2-Methylnaphthalene
 Concen: 8.23 ng
 RT: 9.94 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Tgt Ion:142 Resp: 77939
 Ion Ratio Lower Upper
 142 100
 141 83.8 69.9 104.9
 115 25.7 27.6 41.4#

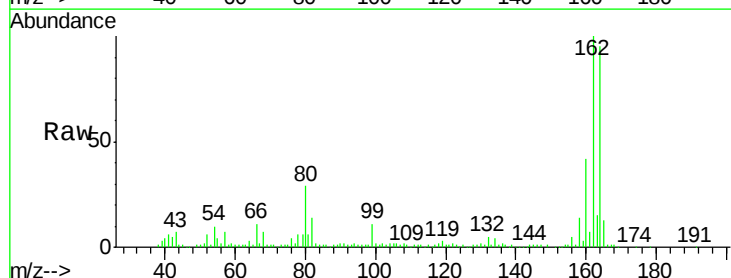


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

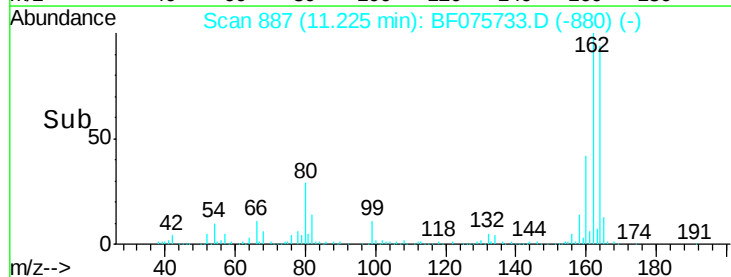
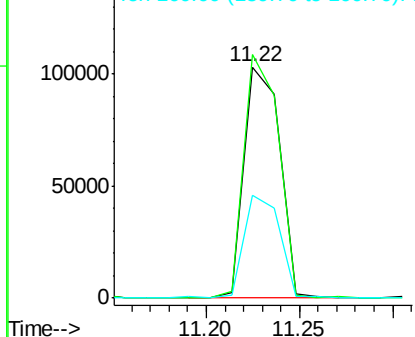


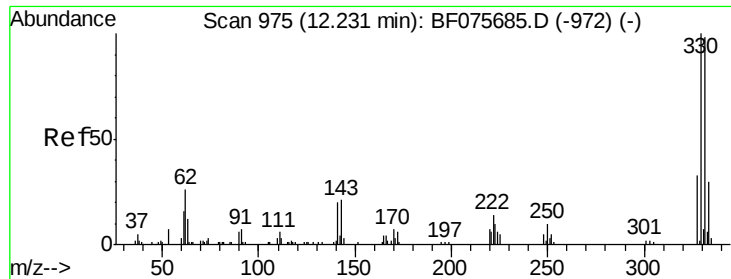
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Tgt Ion:164 Resp: 136363
 Ion Ratio Lower Upper
 164 100
 162 105.5 79.1 118.7
 160 44.8 34.6 51.8



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

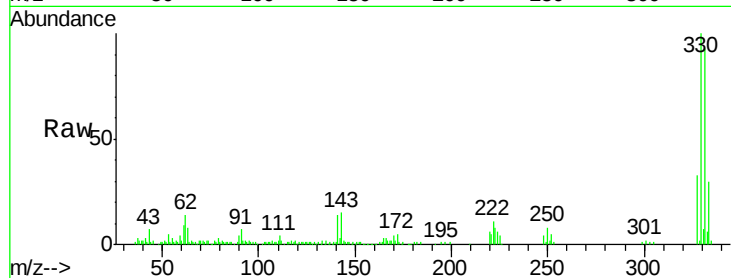




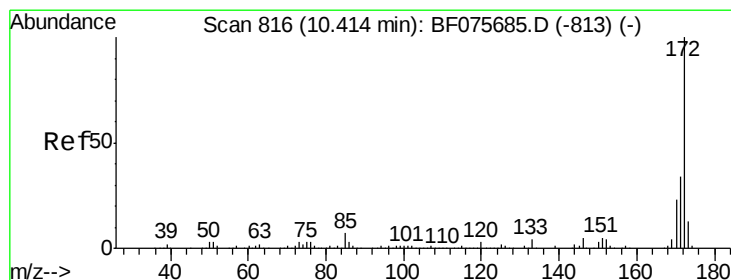
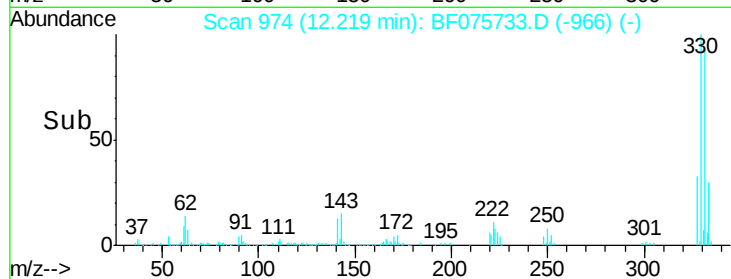
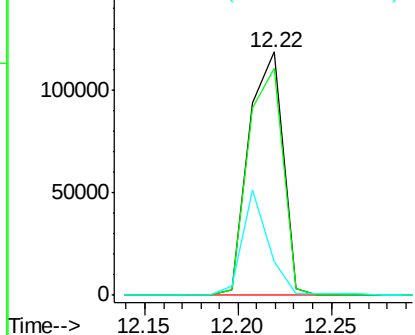
#41
 2,4,6-Tribromophenol
 Concen: 135.25 ng
 RT: 12.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Tgt Ion:330 Resp: 150364
 Ion Ratio Lower Upper
 330 100
 332 94.8 74.5 111.7
 141 33.4 30.7 46.1

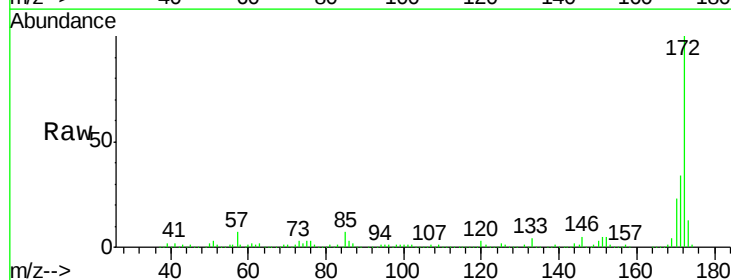


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

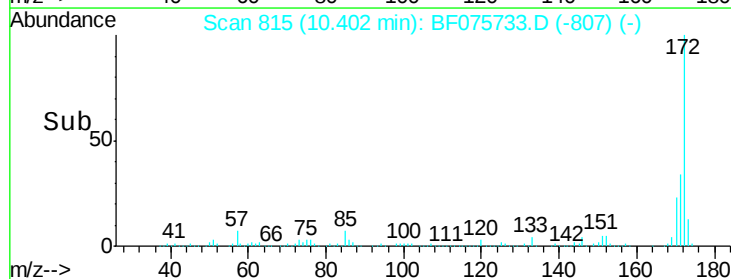
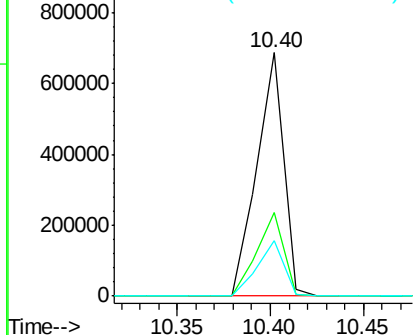


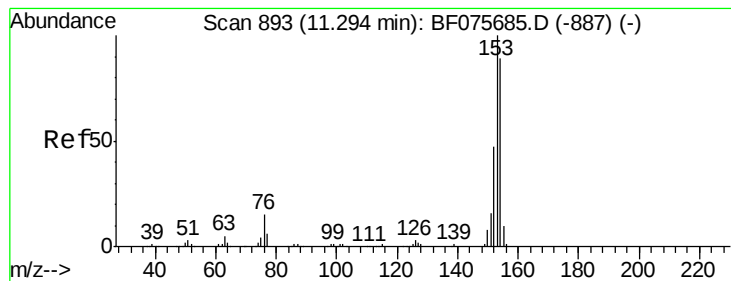
#44
 2-Fluorobiphenyl
 Concen: 78.22 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075733.D
 Acq: 21 Nov 2014 4:10

Tgt Ion:172 Resp: 681343
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 23.0 18.4 27.6



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





#51

Acenaphthene

Concen: 2.89 ng

RT: 11.27 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

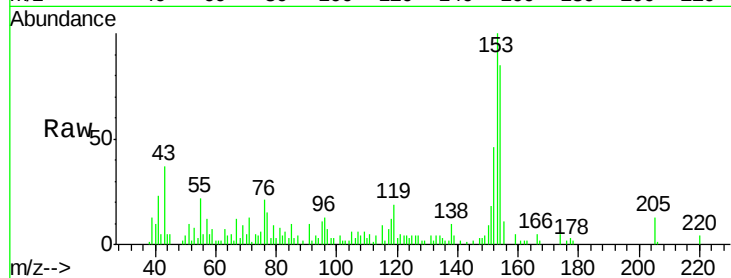
Tgt Ion:154 Resp: 22461

Ion Ratio Lower Upper

154 100

153 118.3 91.2 136.8

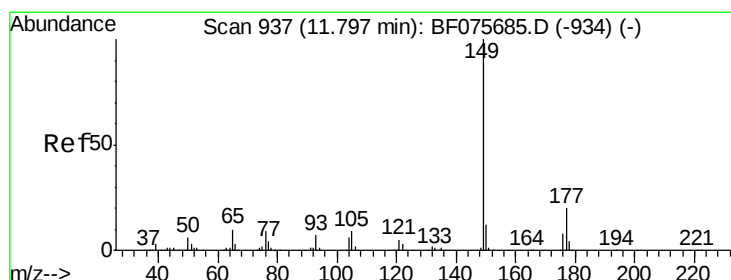
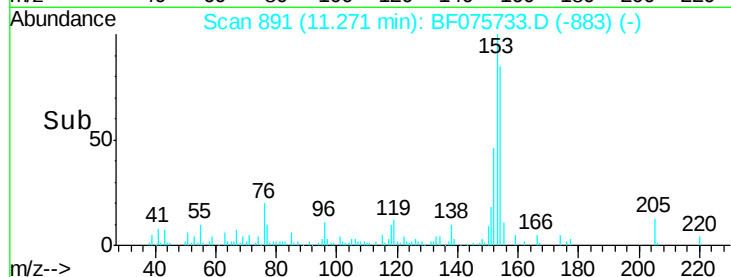
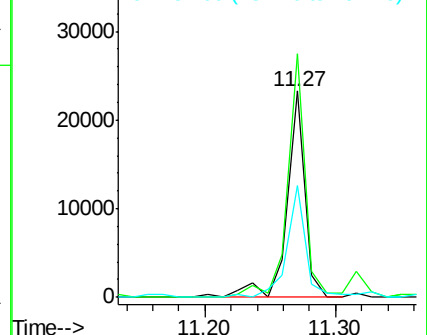
152 54.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#59

Diethylphthalate

Concen: 2.89 ng

RT: 11.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

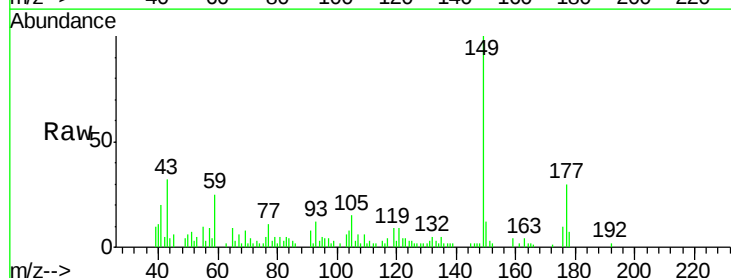
Tgt Ion:149 Resp: 27125

Ion Ratio Lower Upper

149 100

177 29.5 15.8 23.8#

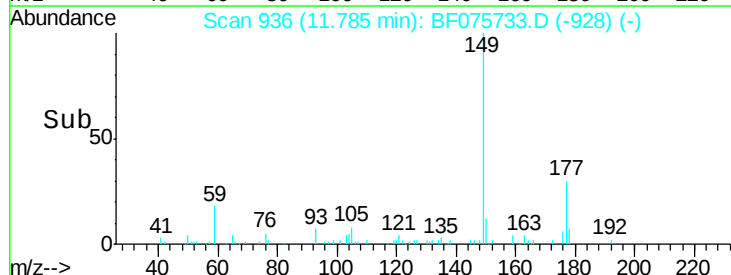
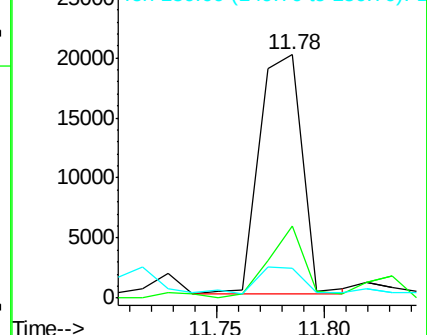
150 12.1 9.9 14.9

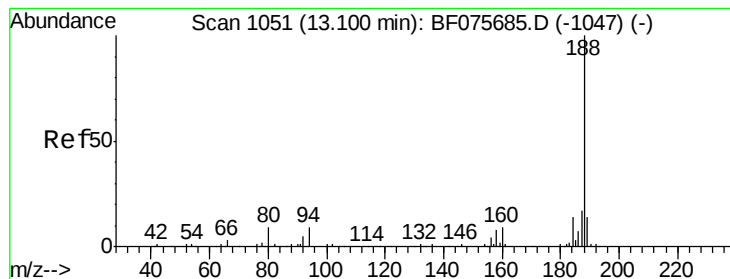


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

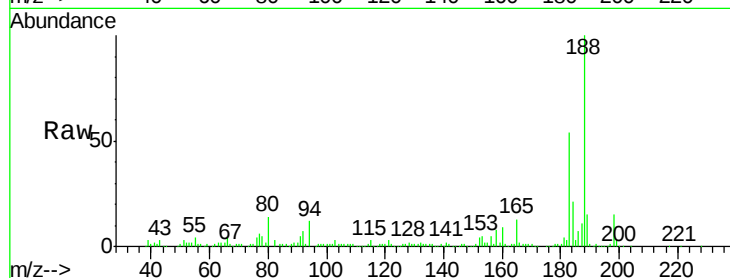
Tgt Ion:188 Resp: 225858

Ion Ratio Lower Upper

188 100

94 12.1 7.8 11.6#

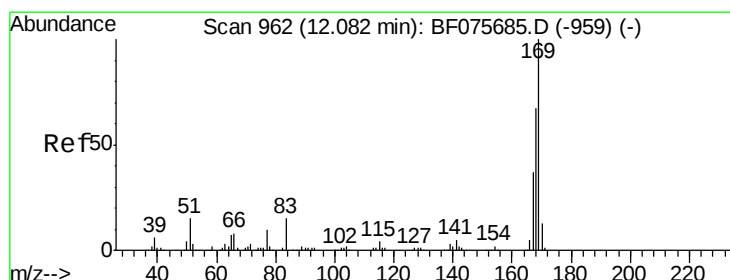
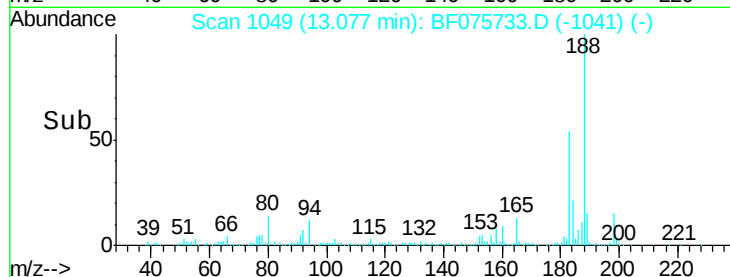
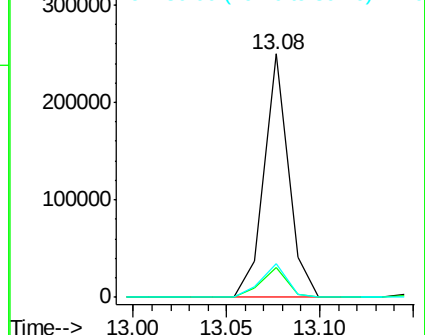
80 13.8 8.0 12.0#



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



#65

n-Nitrosodiphenylamine

Concen: 10.69 ng

RT: 12.06 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

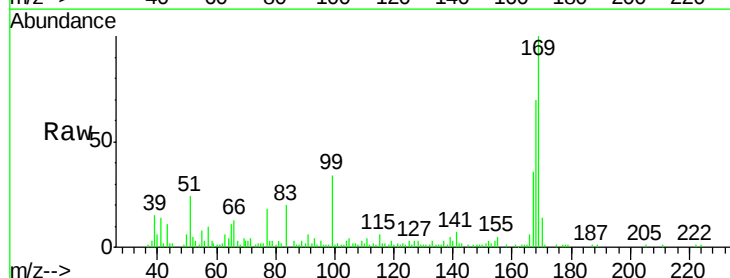
Tgt Ion:169 Resp: 87549

Ion Ratio Lower Upper

169 100

168 69.6 53.5 80.3

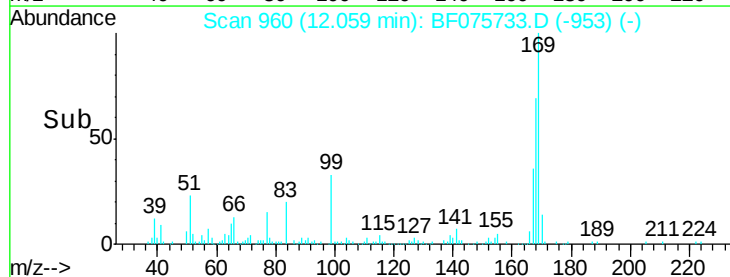
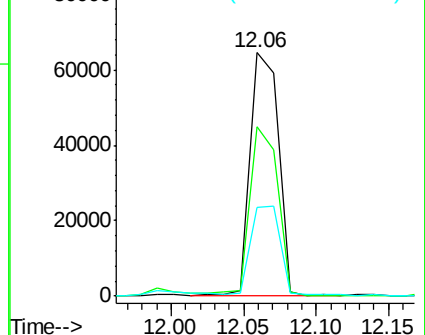
167 36.3 29.8 44.6

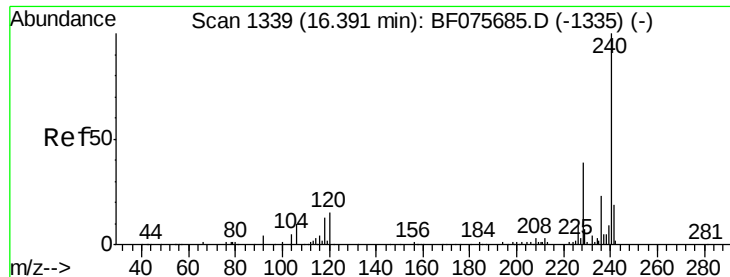


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

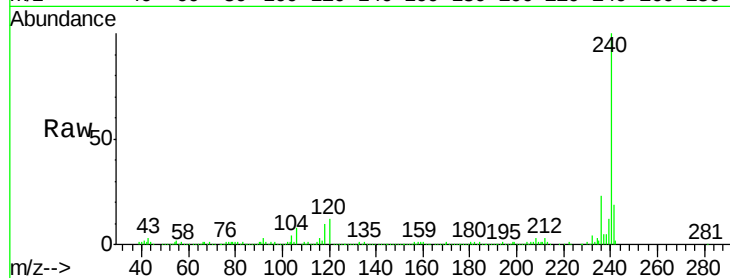
Tgt Ion:240 Resp: 241655

Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

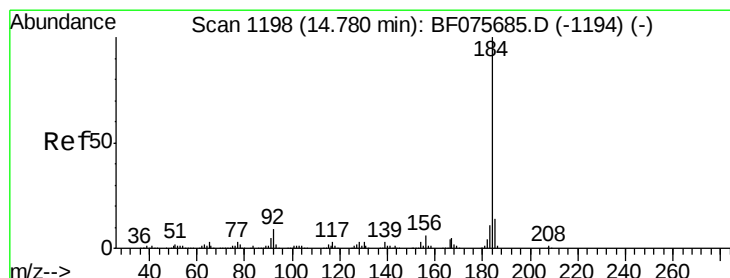
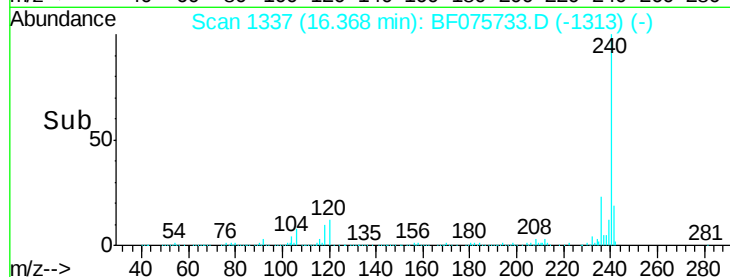
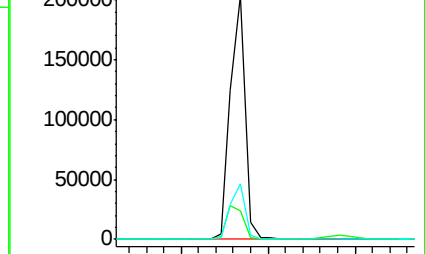
236 22.7 18.9 28.3



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: Below Cal

RT: 14.80 min Scan# 1200

Delta R.T. 0.02 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

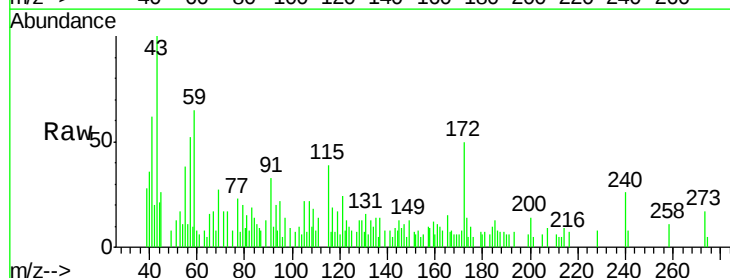
Tgt Ion:184 Resp: 1106

Ion Ratio Lower Upper

184 100

185 134.4 10.9 16.3#

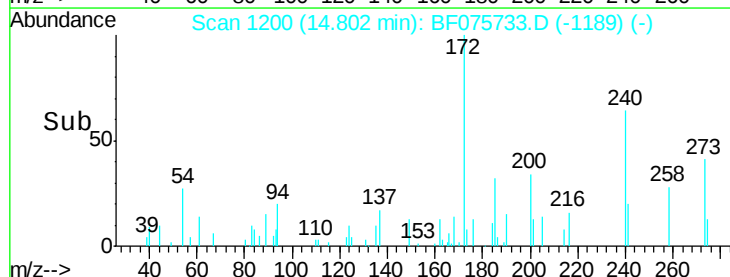
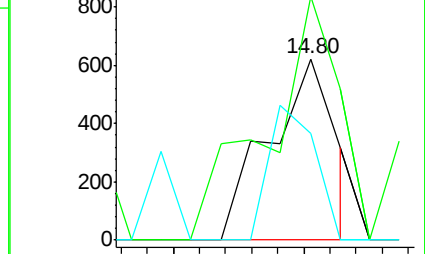
183 58.8 8.7 13.1#

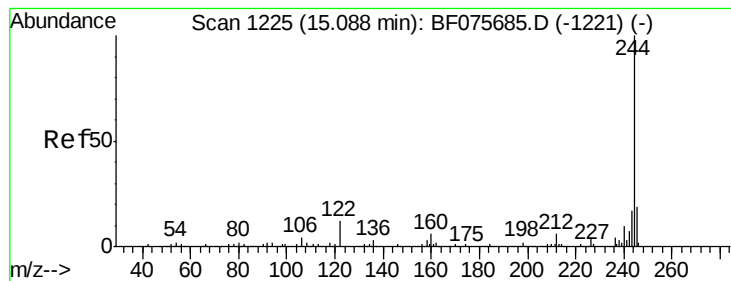


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 62.62 ng

RT: 15.08 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

Instrument :

BNA_F

ClientSampleId :

SP-1A

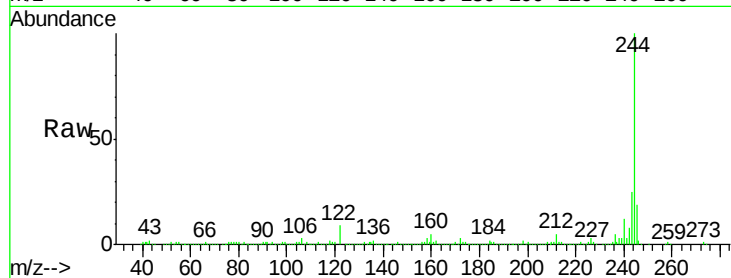
Tgt Ion:244 Resp: 604968

Ion Ratio Lower Upper

244 100

212 5.4 5.5 8.3#

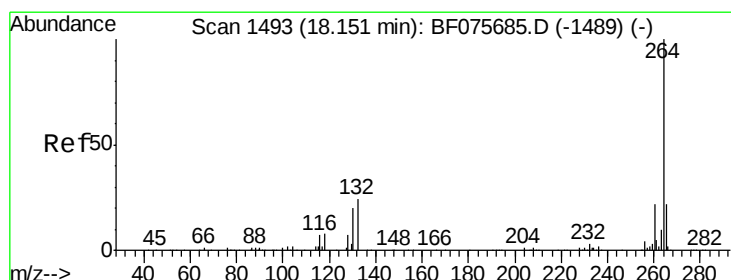
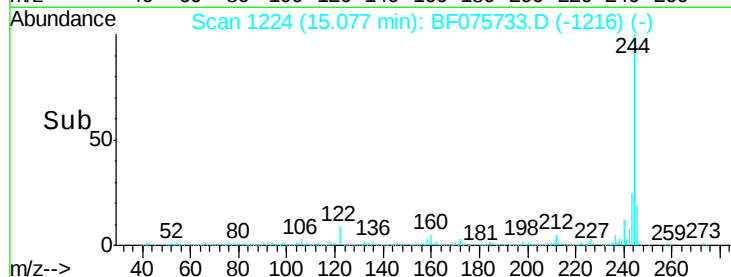
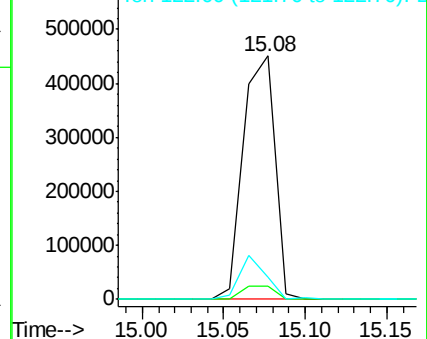
122 9.2 9.7 14.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.08 min Scan# 1487

Delta R.T. -0.08 min

Lab File: BF075733.D

Acq: 21 Nov 2014 4:10

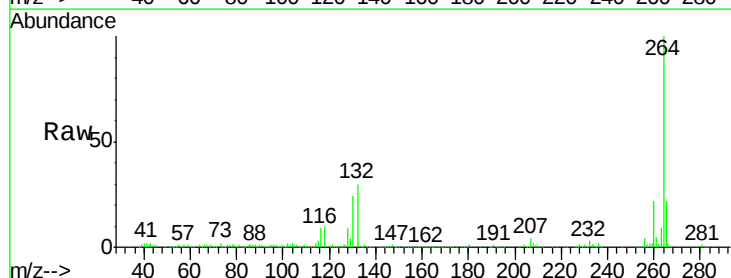
Tgt Ion:264 Resp: 248674

Ion Ratio Lower Upper

264 100

260 22.4 17.9 26.9

265 21.5 16.3 24.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

