

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091152.D
 Acq On : 11 Nov 2016 20:46
 Operator : UM/SJ
 Sample : H5609-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 11 23:58:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

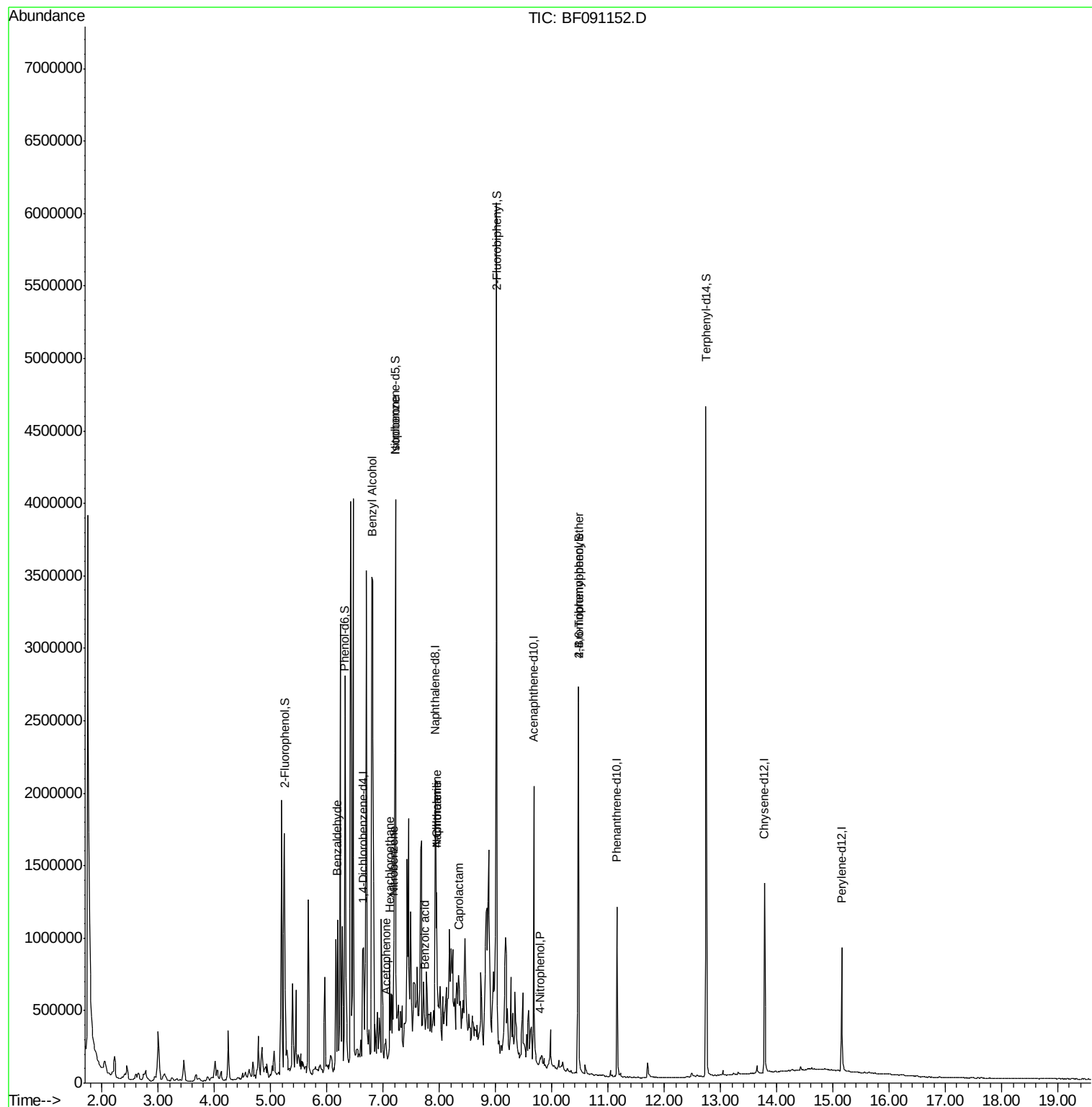
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	172763	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	726277	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	378370	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	587293	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	453754	20.00	ng	-0.03
86) Perylene-d12	15.15	264	330474	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	747333	71.44	ng	0.00
7) Phenol-d6	6.32	99	618375	43.55	ng	0.00
23) Nitrobenzene-d5	7.22	82	1236796	92.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	578748	169.19	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2064389	93.93	ng	-0.02
78) Terphenyl-d14	12.74	244	1730820	95.19	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.19	77	41021	5.21	ng	# 1
15) Benzyl Alcohol	6.81	79	38612	3.86	ng	# 56
18) Hexachloroethane	7.12	117	28394	5.42	ng	# 1
22) Acetophenone	7.05	105	66405	3.97	ng	# 61
24) Nitrobenzene	7.18	77	59084	4.02	ng	# 15
25) Isophorone	7.22	82	1179902	45.99	ng	# 68
31) Naphthalene	7.95	128	293944	8.46	ng	# 97
32) Benzoic acid	7.73	122	8416	6.01	ng	# 19
33) 4-Chloroaniline	7.95	127	46058	3.19	ng	# 44
35) Caprolactam	8.34	113	8312	2.95	ng	# 1
55) 4-Nitrophenol	9.79	139	353	5.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	37955	6.21	ng	# 1

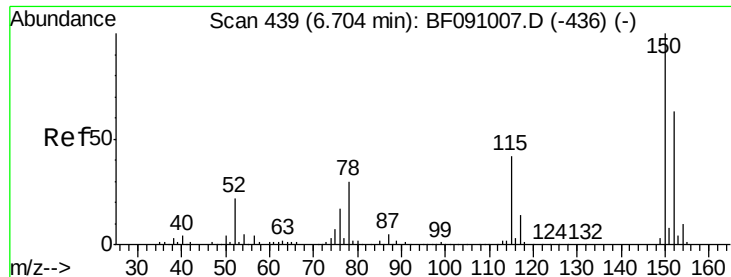
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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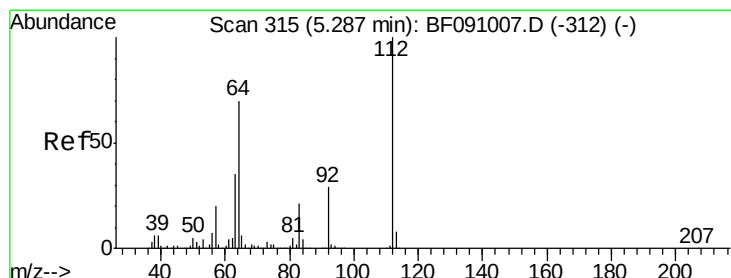
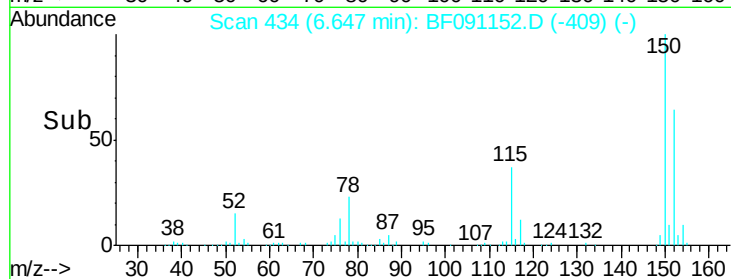
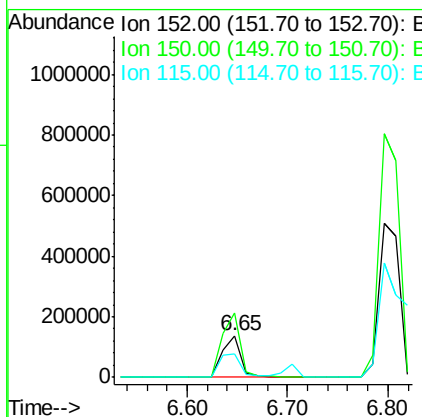
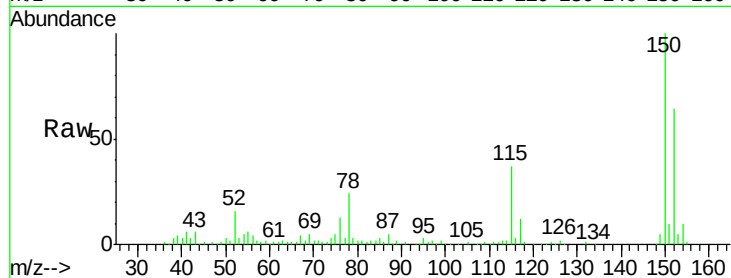


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091152.D
Acq: 11 Nov 2016 20:46

Instrument :
BNA_F
ClientSampleId :
MW-1

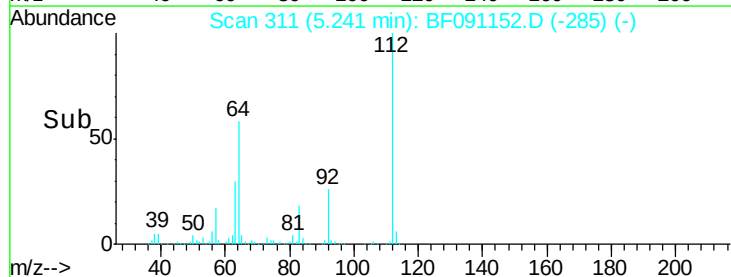
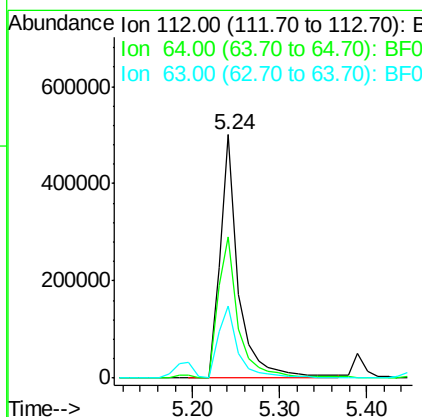
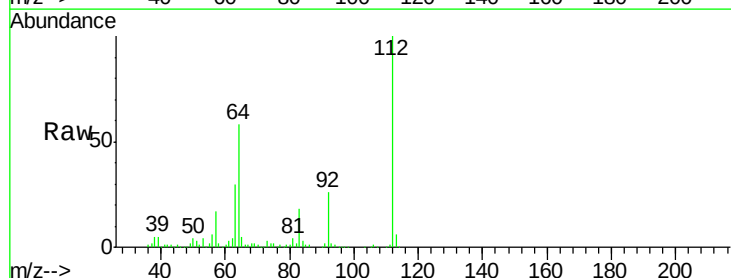
Tgt Ion:152 Resp: 172763
Ion Ratio Lower Upper
152 100
150 155.8 126.8 190.2
115 57.8 53.3 79.9

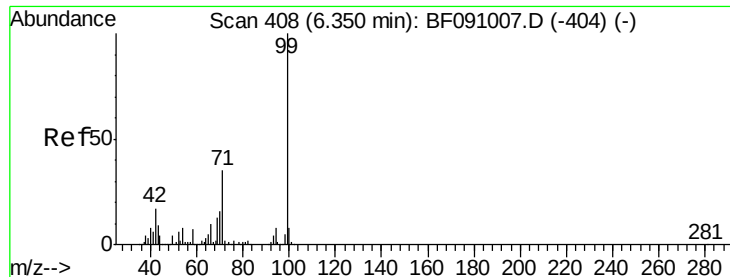


#5

2-Fluorophenol
Concen: 71.44 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091152.D
Acq: 11 Nov 2016 20:46

Tgt Ion:112 Resp: 747333
Ion Ratio Lower Upper
112 100
64 58.2 55.8 83.6
63 29.9 28.0 42.0





#7

Phenol-d6

Concen: 43.55 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampled :

MW-1

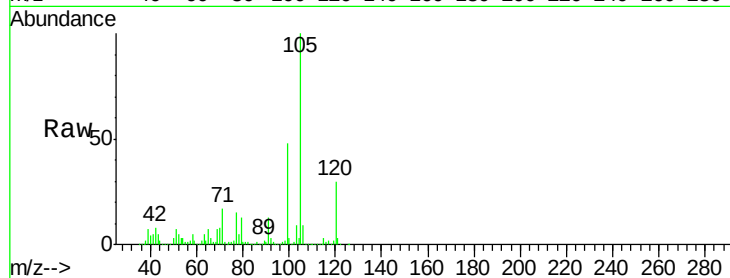
Tgt Ion: 99 Resp: 618375

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

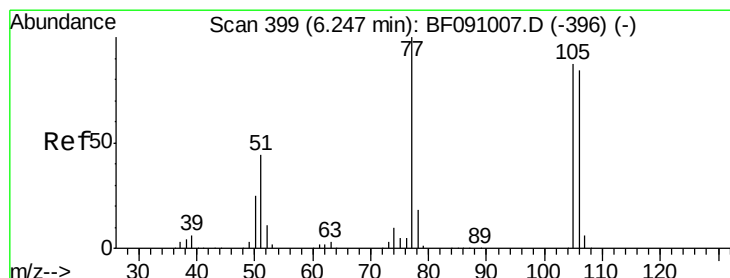
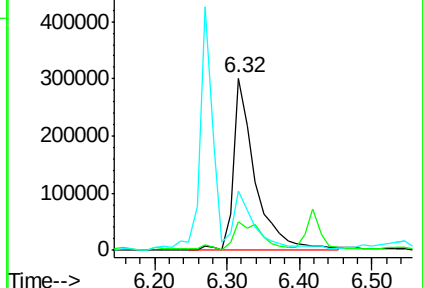
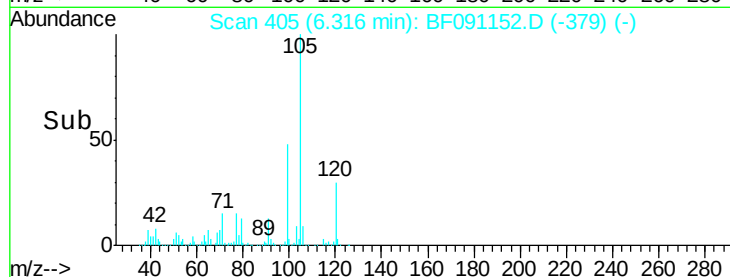
71 34.7 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 5.21 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

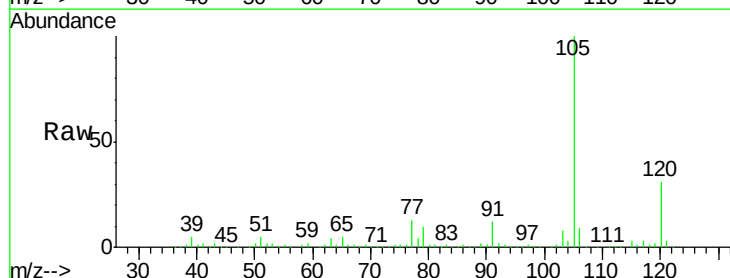
Tgt Ion: 77 Resp: 41021

Ion Ratio Lower Upper

77 100

105 794.5 66.8 106.8#

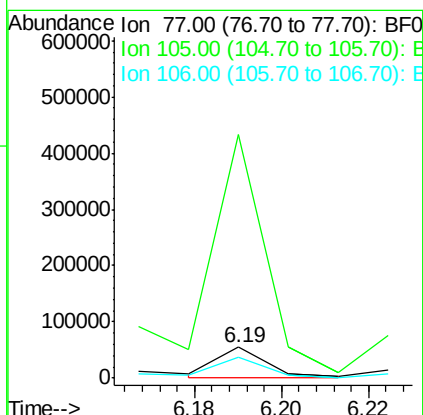
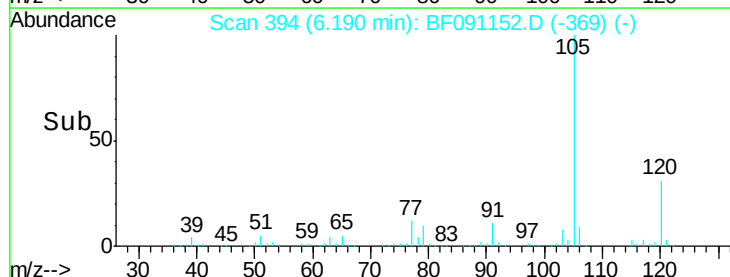
106 69.9 64.0 104.0

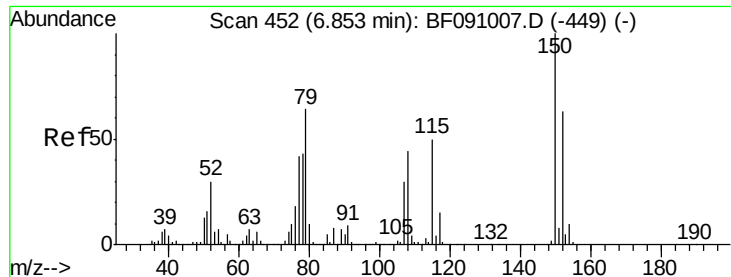


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.86 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampled :

MW-1

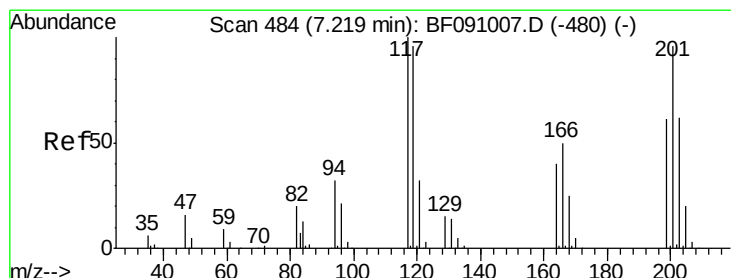
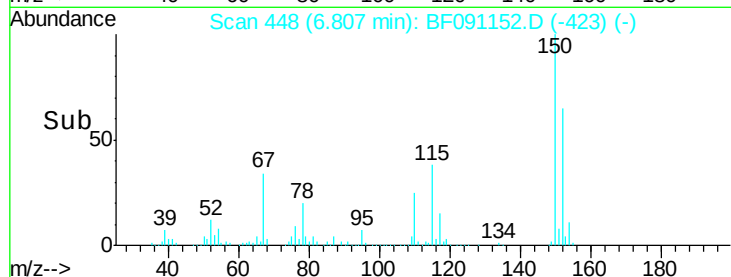
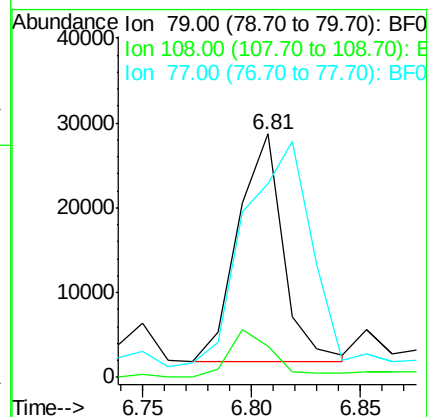
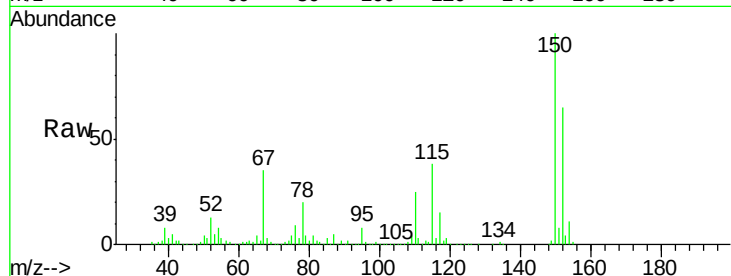
Tgt Ion: 79 Resp: 38612

Ion Ratio Lower Upper

79 100

108 12.9 55.7 83.5#

77 79.7 52.6 79.0#



#18

Hexachloroethane

Concen: 5.42 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

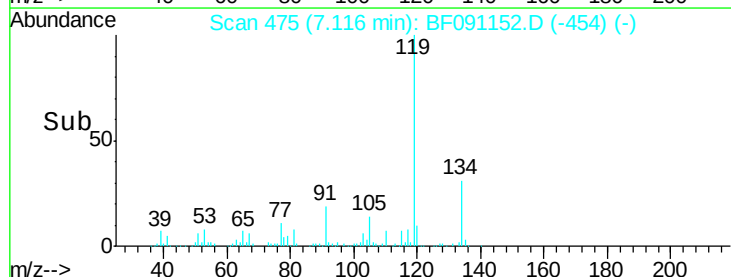
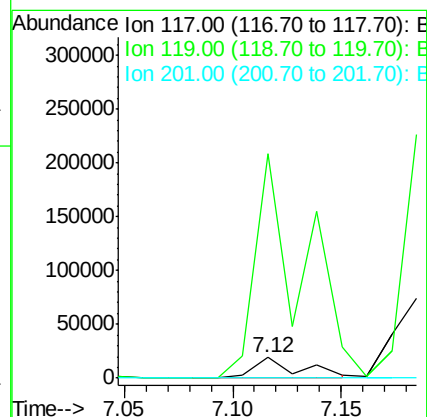
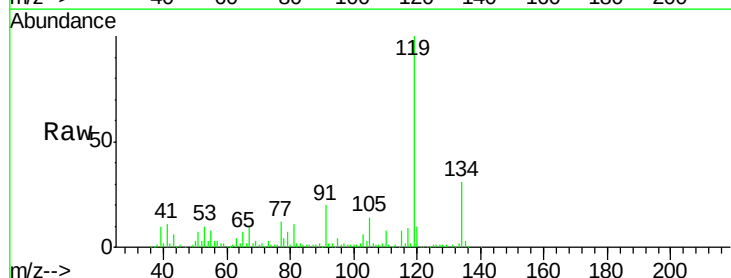
Tgt Ion: 117 Resp: 28394

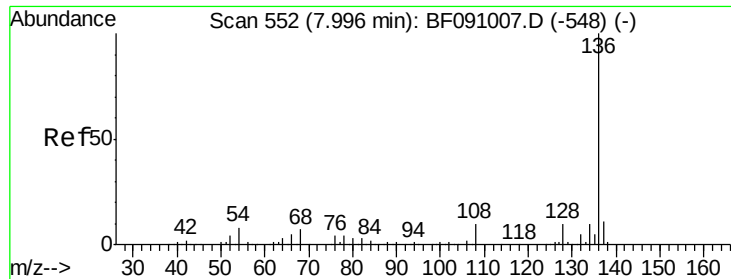
Ion Ratio Lower Upper

117 100

119 1084.9 76.6 115.0#

201 0.0 77.1 115.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:136 Resp: 726277

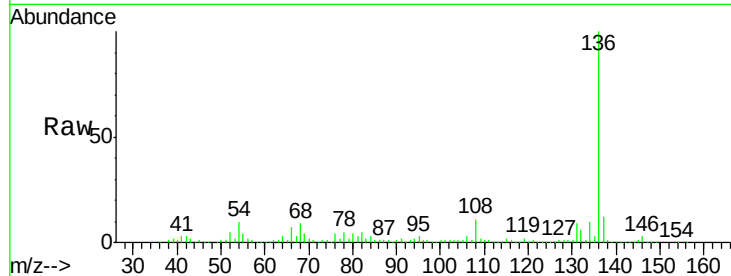
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.8 6.2 9.2#

68 8.7 5.5 8.3#

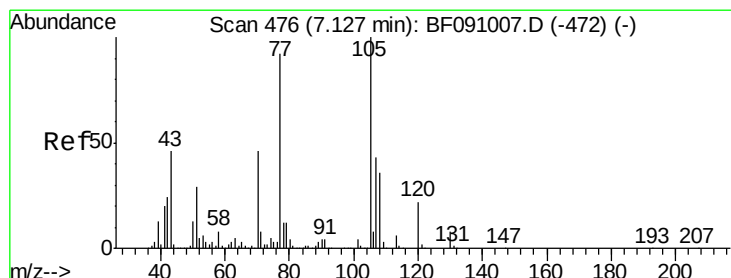
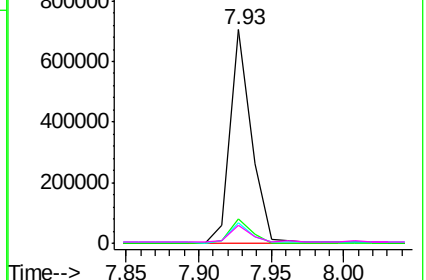
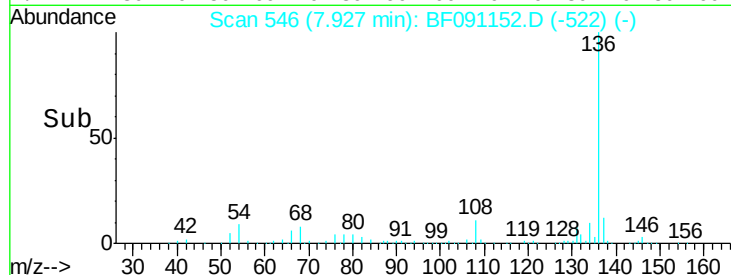


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.97 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Tgt Ion:105 Resp: 66405

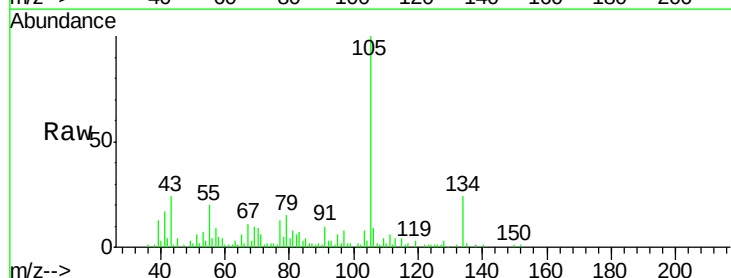
Ion Ratio Lower Upper

105 100

71 5.9 6.2 9.2#

51 6.0 23.3 34.9#

120 0.0 17.4 26.0#

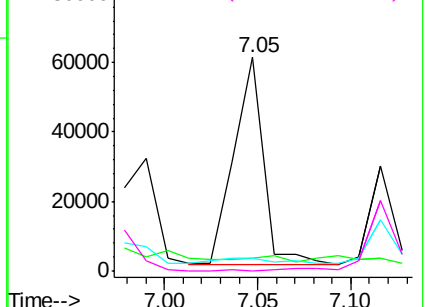
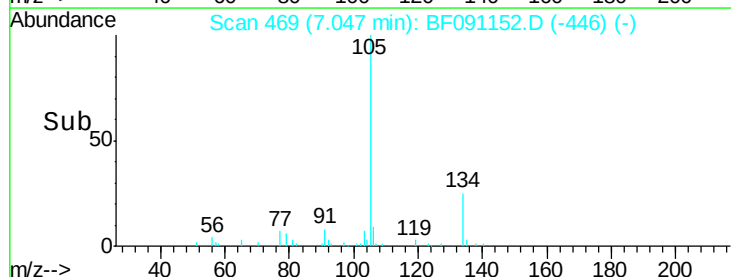


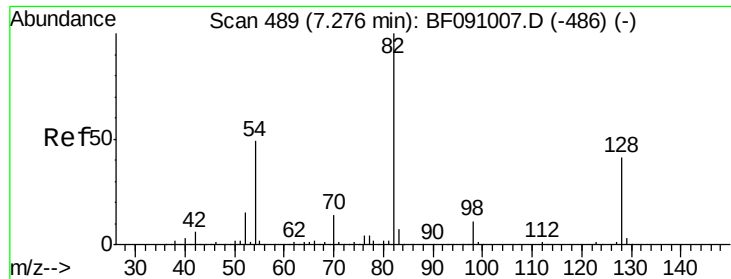
Abundance Ion 105.00 (104.70 to 105.70): E

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

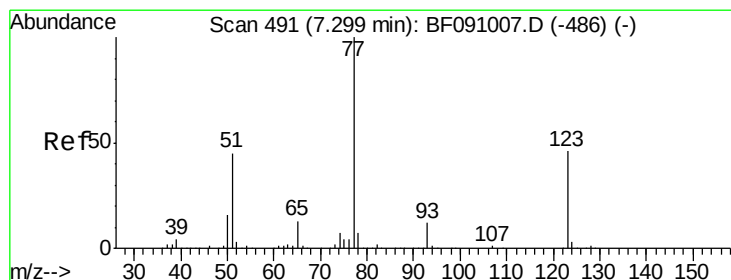
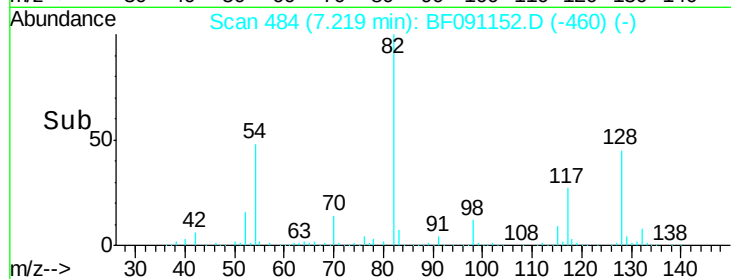
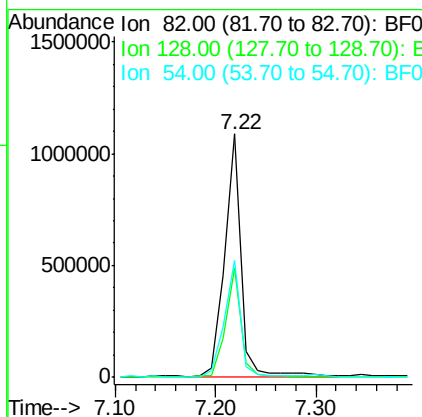
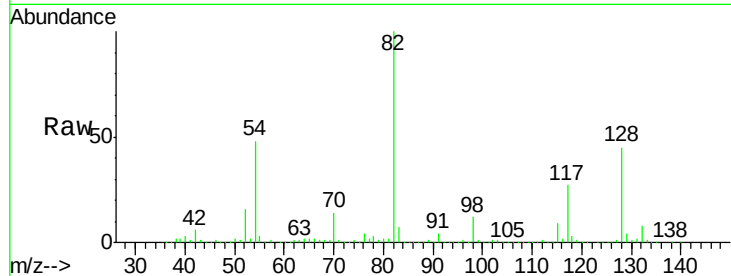




#23
 Nitrobenzene-d5
 Concen: 92.90 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

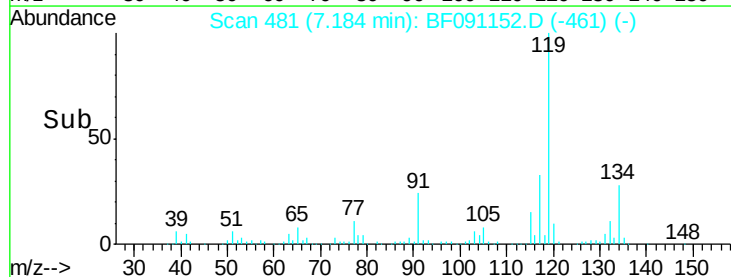
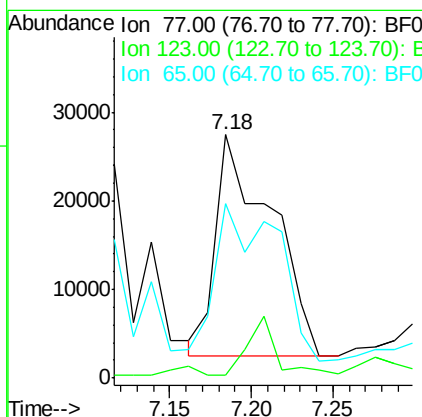
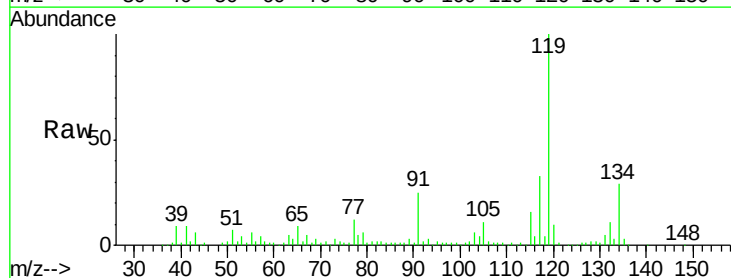
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

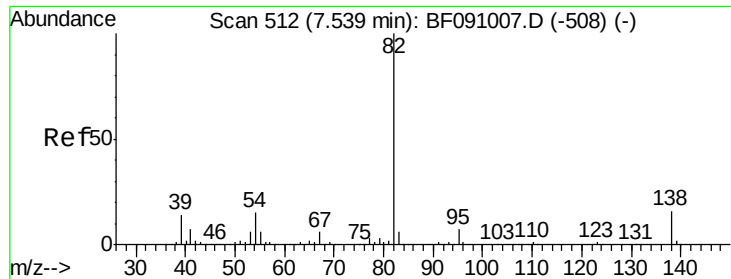
Tgt Ion: 82 Resp: 1236796
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.4 48.6
 54 48.1 39.2 58.8



#24
 Nitrobenzene
 Concen: 4.02 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.07 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

Tgt Ion: 77 Resp: 59084
 Ion Ratio Lower Upper
 77 100
 123 1.1 36.5 54.7#
 65 71.8 10.7 16.1#





#25

Isophorone

Concen: 45.99 ng

RT: 7.22 min Scan# 484

Delta R.T. -0.27 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampleId :

MW-1

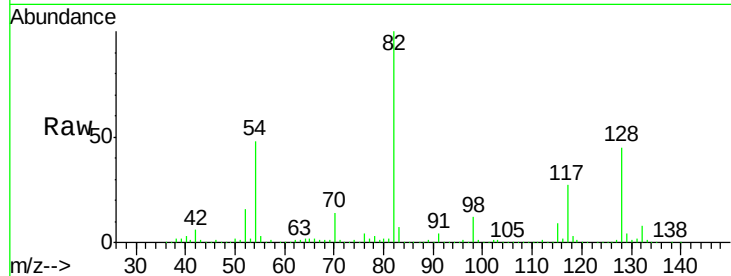
Tgt Ion: 82 Resp: 1179902

Ion Ratio Lower Upper

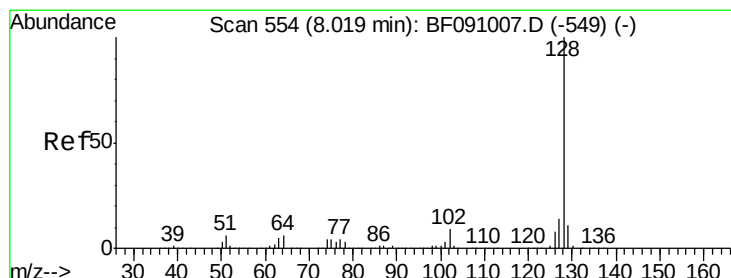
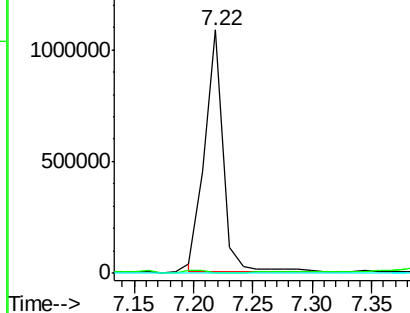
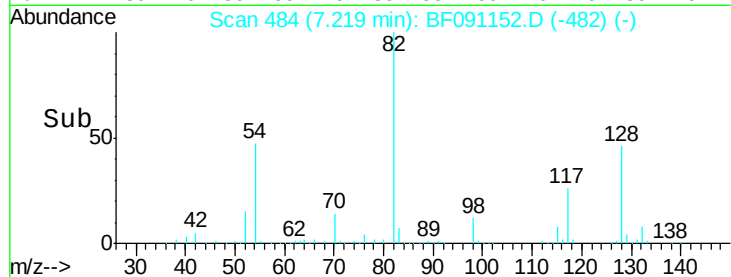
82 100

95 0.3 5.4 8.0#

138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 8.46 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

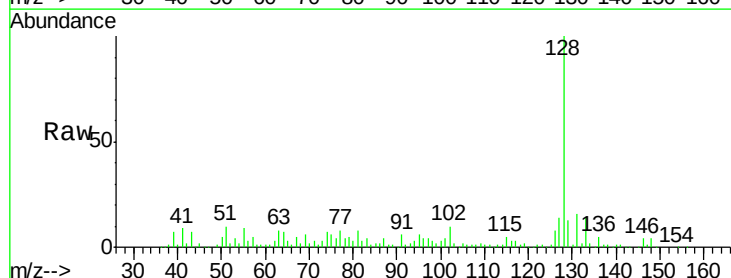
Tgt Ion: 128 Resp: 293944

Ion Ratio Lower Upper

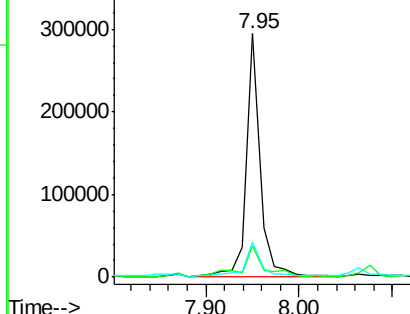
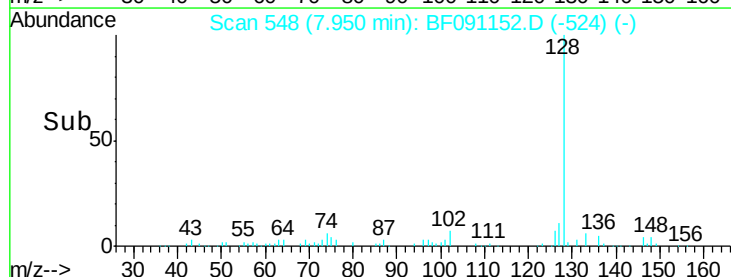
128 100

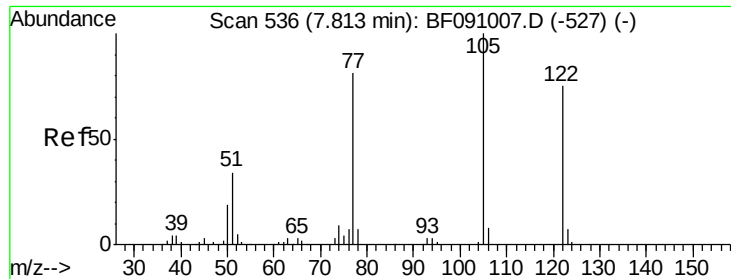
129 13.0 9.0 13.6

127 14.1 10.9 16.3



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





#32

Benzoic acid

Concen: 6.01 ng

RT: 7.73 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampleId :

MW-1

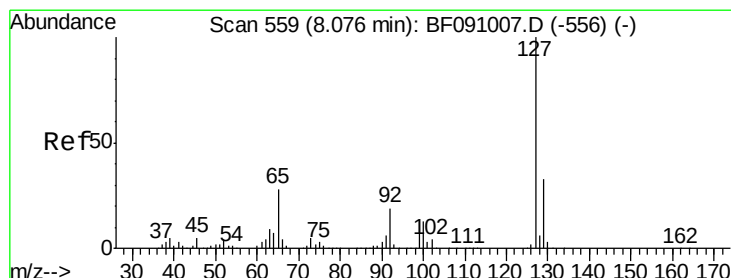
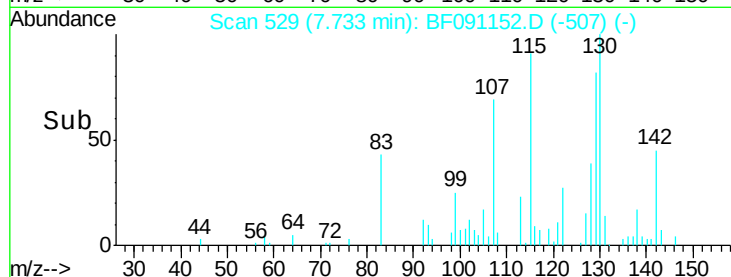
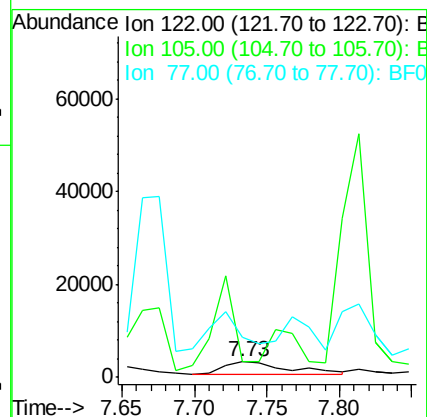
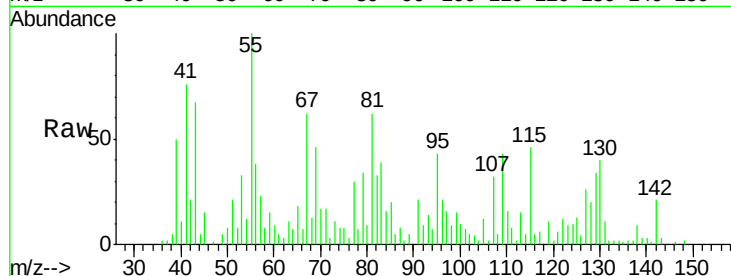
Tgt Ion:122 Resp: 8416

Ion Ratio Lower Upper

122 100

105 99.6 105.9 145.9#

77 259.5 84.0 124.0#



#33

4-Chloroaniline

Concen: 3.19 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.08 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Tgt Ion:127 Resp: 46058

Ion Ratio Lower Upper

127 100

129 91.9 26.6 39.8#

65 18.4 22.2 33.2#

92 5.4 15.0 22.4#

