

Data File : BF100557.D
Acq On : 14 Nov 2017 21:50
Operator : SJ/JU
Sample : I6427-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
277-216-156-343-350-342

Quant Time: Nov 15 00:58:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119875	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	425165	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	156666	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	275084	20.00	ng	0.00
75) Chrysene-d12	14.04	240	278007	20.00	ng	0.00
86) Perylene-d12	15.52	264	187401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	386148	51.64	ng	0.00
7) Phenol-d6	6.50	99	454829	49.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	260024	40.43	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	79787	49.98	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	452179	43.95	ng	0.00
78) Terphenyl-d14	12.99	244	394550	32.61	ng	0.00
Target Compounds						
10) Phenol	6.52	94	24590	2.54	ng	96
19) n-Nitroso-di-n-propylamine	7.45	70	34223	5.35	ng	# 81
25) Isophorone	7.45	82	260020	19.24	ng	# 64
47) 2-Nitroaniline	9.63	65	375	2.91	ng	# 1
49) Dimethylphthalate	9.63	163	48977	4.09	ng	98
50) 2,6-Dinitrotoluene	9.92	165	19620	8.29	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	19620	6.57	ng	# 23
62) Azobenzene	10.63	77	25172	2.23	ng	# 1

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

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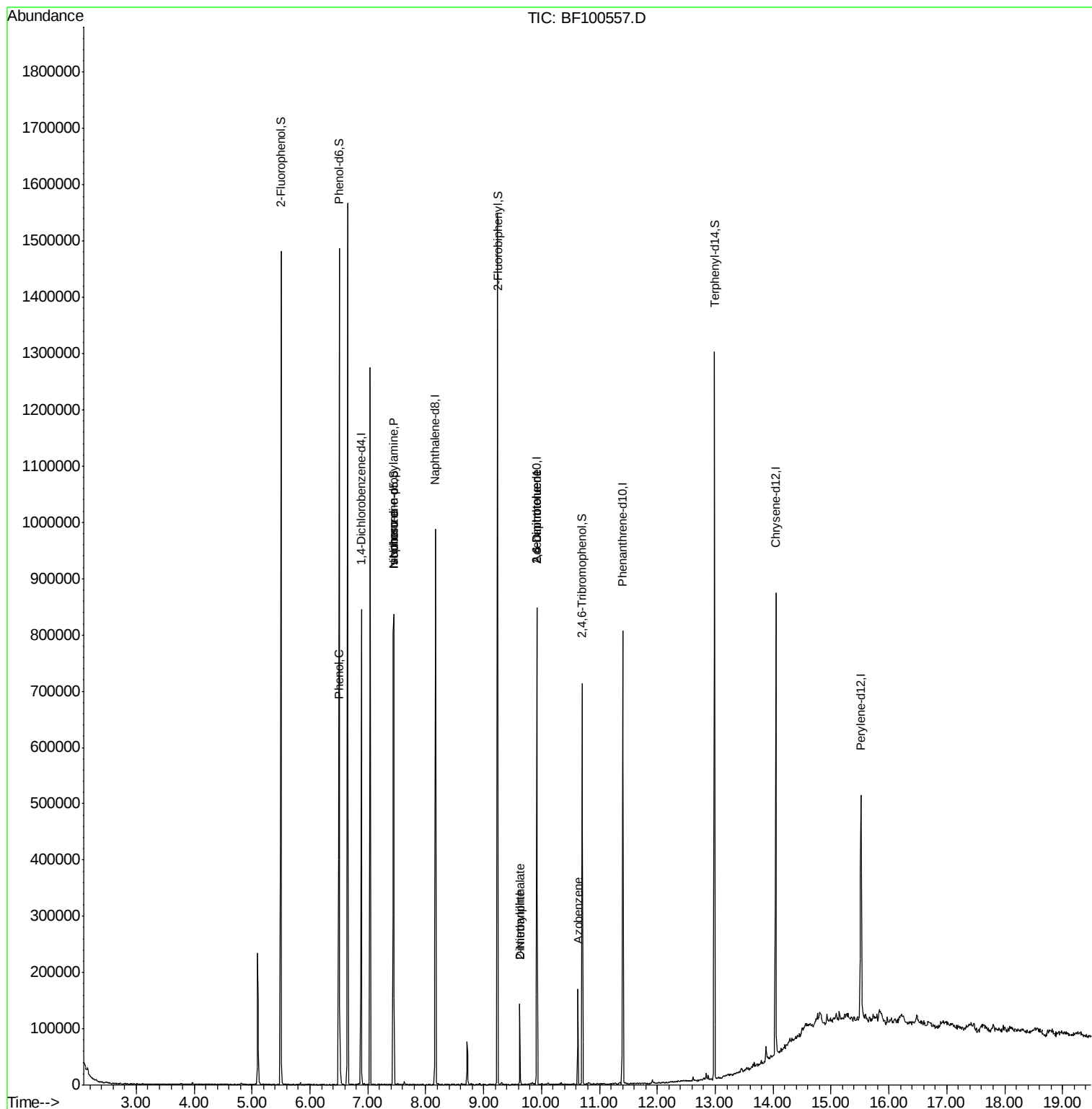
Quant Time: Nov 15 00:58:05 2017

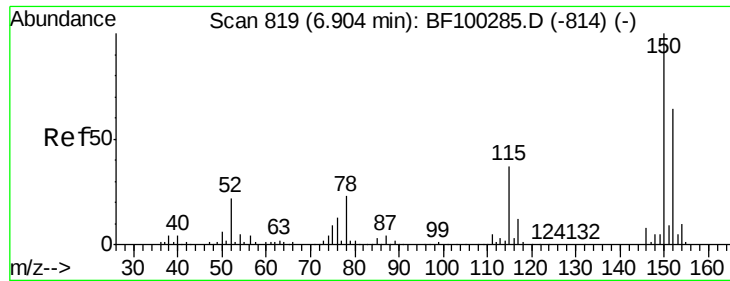
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

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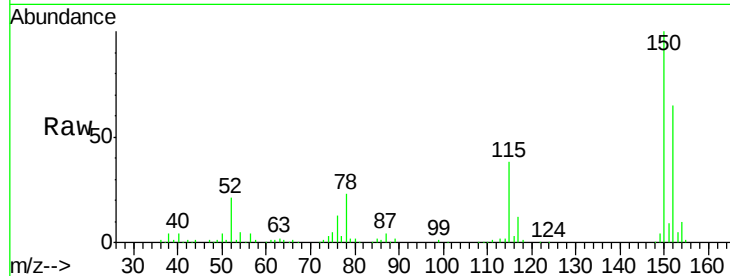
Tgt Ion:152 Resp: 119875

Ion Ratio Lower Upper

152 100

150 153.4 124.6 186.8

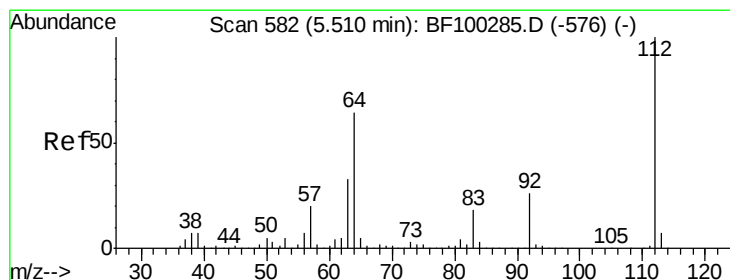
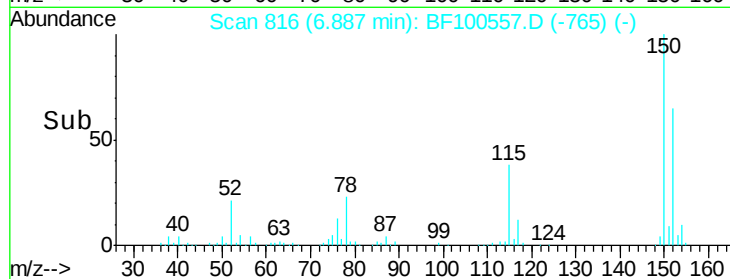
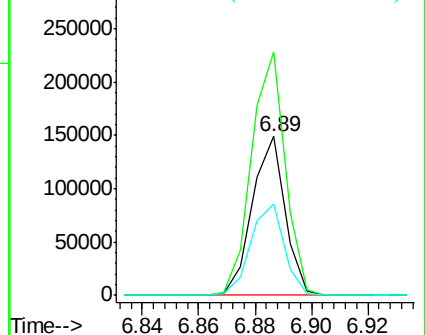
115 57.9 50.1 75.1



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



#5

2-Fluorophenol

Concen: 51.64 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

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Acq: 14 Nov 2017 21:50

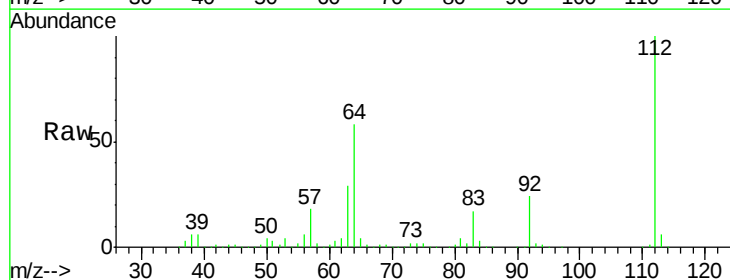
Tgt Ion:112 Resp: 386148

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

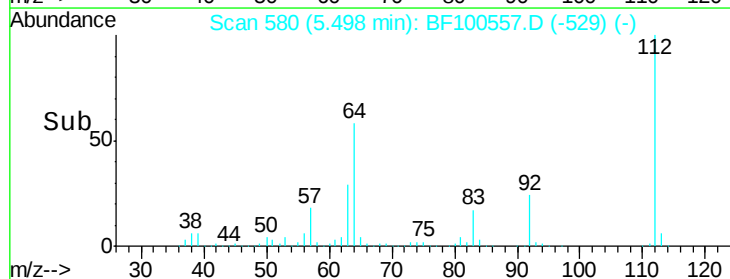
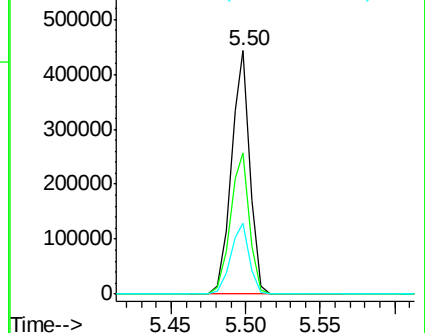
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 49.32 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

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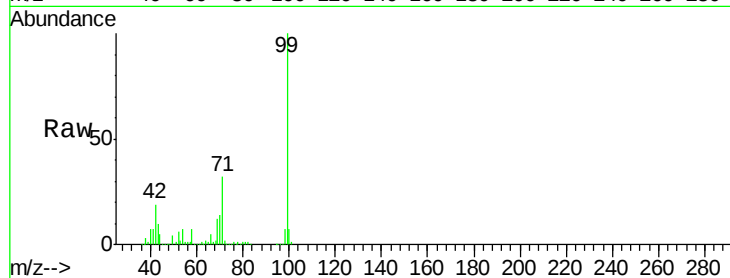
Tgt Ion: 99 Resp: 454829

Ion Ratio Lower Upper

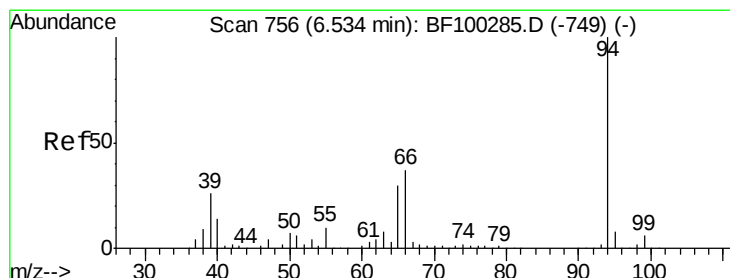
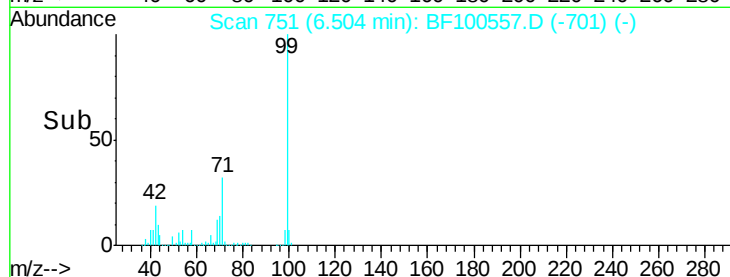
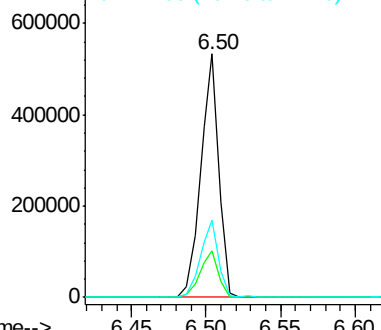
99 100

42 19.3 14.5 21.7

71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.54 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

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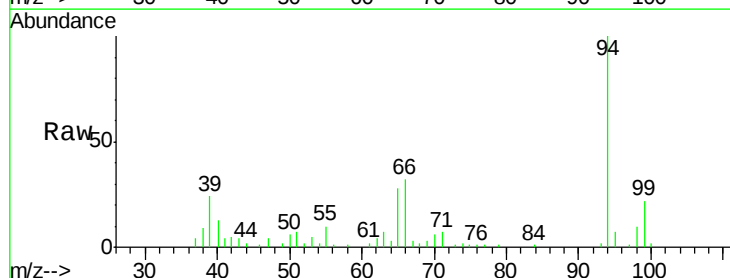
Tgt Ion: 94 Resp: 24590

Ion Ratio Lower Upper

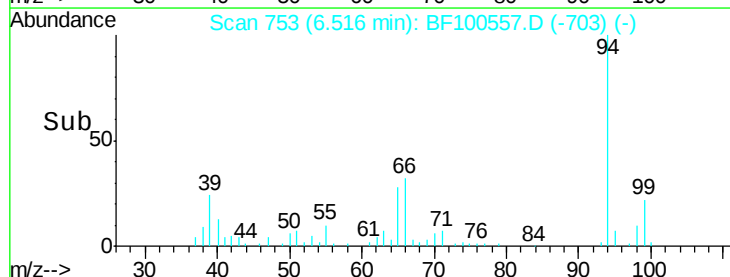
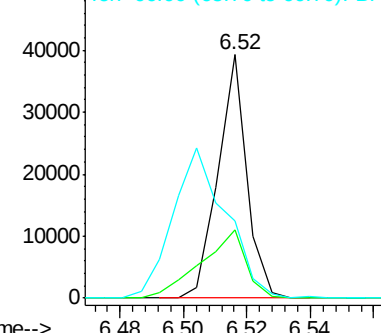
94 100

65 28.0 7.9 47.9

66 31.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 5.35 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

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Tgt Ion: 70 Resp: 34223

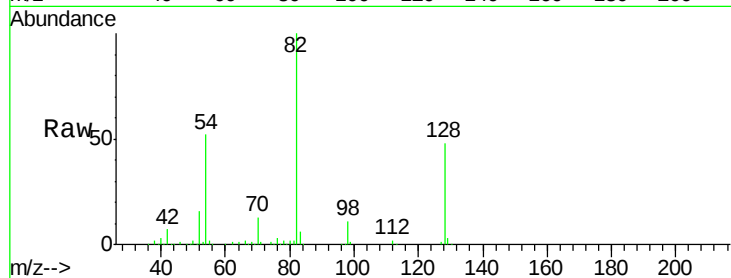
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

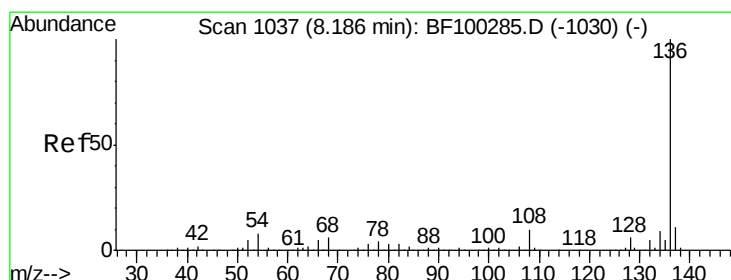
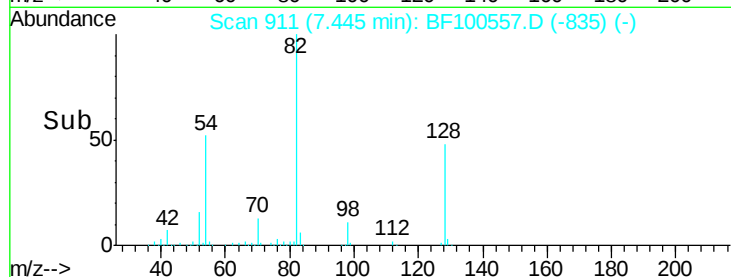
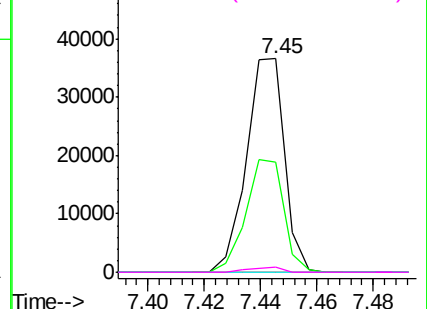


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

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Acq: 14 Nov 2017 21:50

Tgt Ion: 136 Resp: 425165

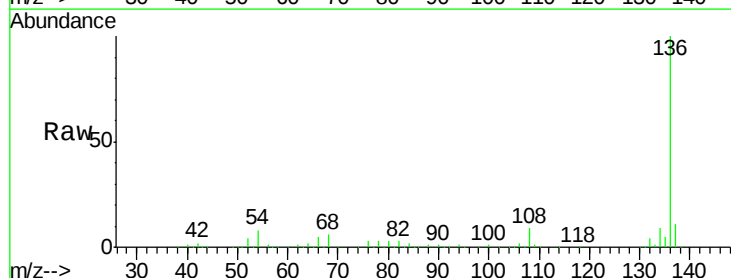
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

