

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098193.D
 Acq On : 31 Aug 2017 9:49
 Operator : SJ/JU
 Sample : I4985-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 31 13:43:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

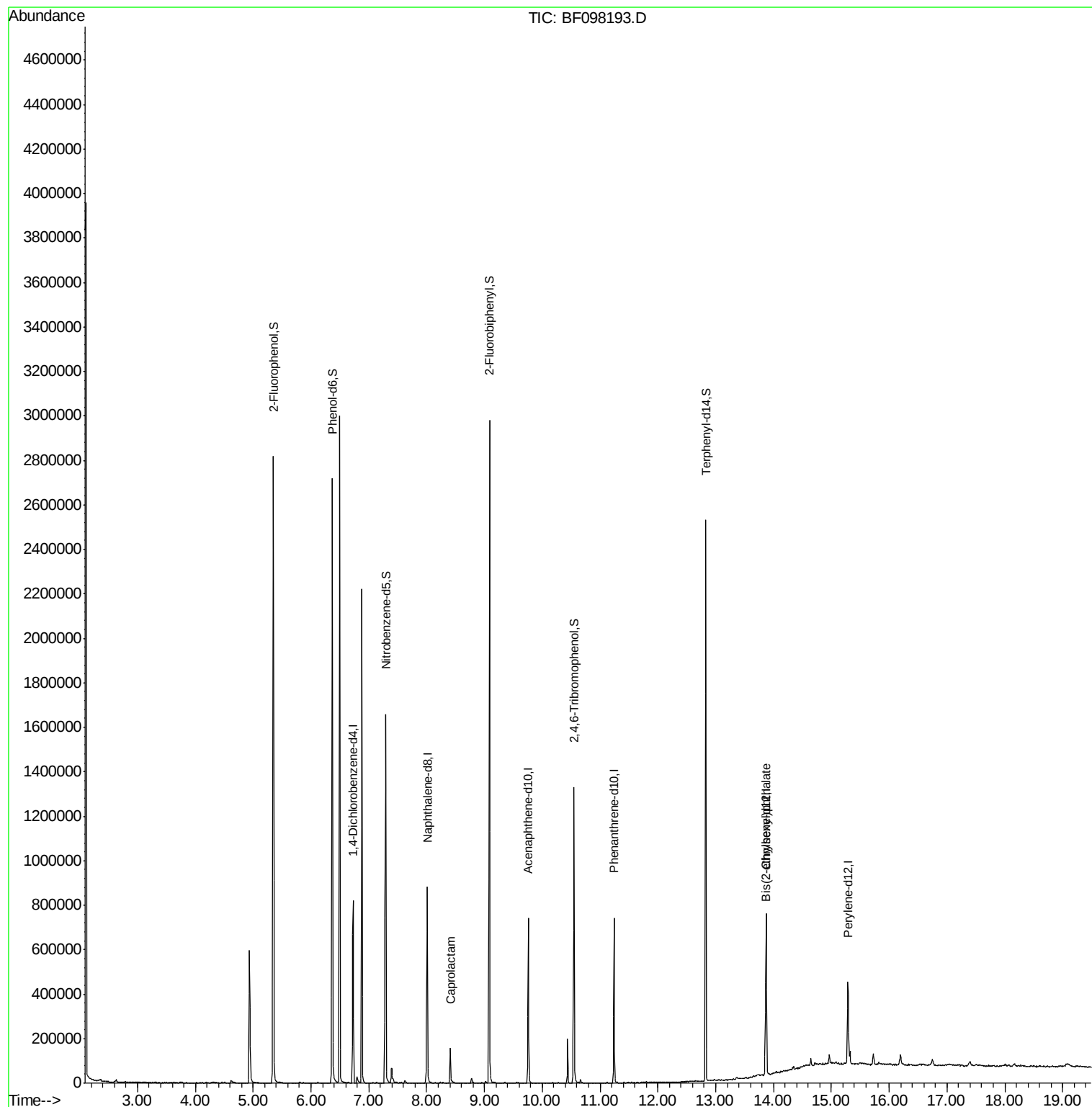
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112339	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	409108	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	151118	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	262178	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	232390	20.00	ng	-0.02
86) Perylene-d12	15.29	264	156892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	849567	115.03	ng	0.00
7) Phenol-d6	6.37	99	1101640	109.78	ng	-0.02
23) Nitrobenzene-d5	7.29	82	629610	83.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	156906	119.67	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	926669	90.09	ng	-0.02
78) Terphenyl-d14	12.83	244	783370	70.30	ng	-0.02
Target Compounds						
35) Caprolactam	8.41	113	16834	9.134	ng	93
83) Bis(2-ethylhexyl)phthalate	13.86	149	74749	9.257	ng	# 99

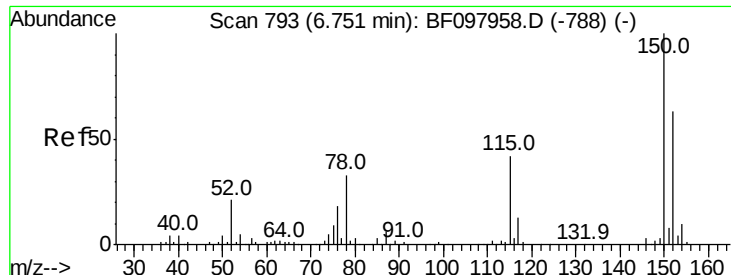
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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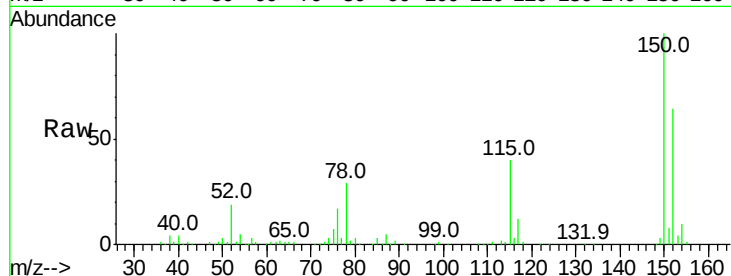


#1

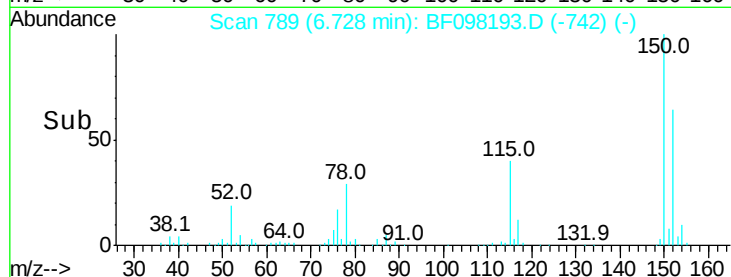
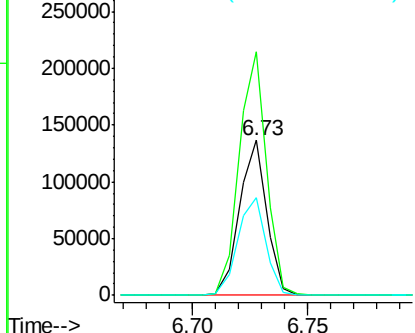
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	62.9	52.2	78.2



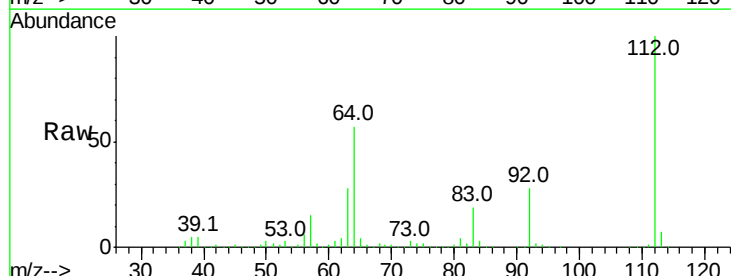
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



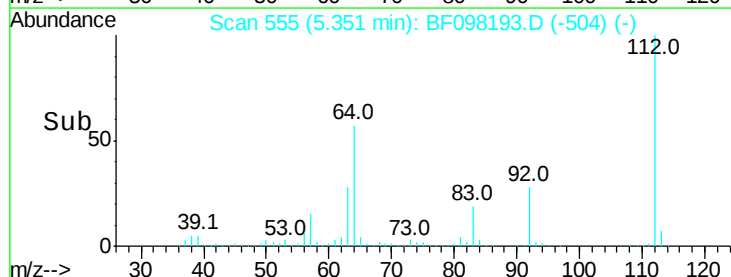
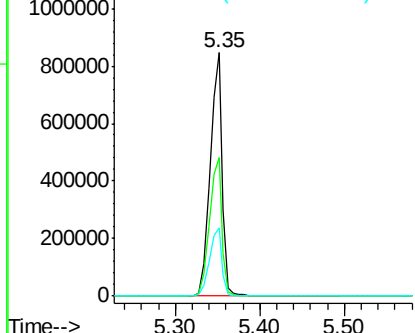
#5

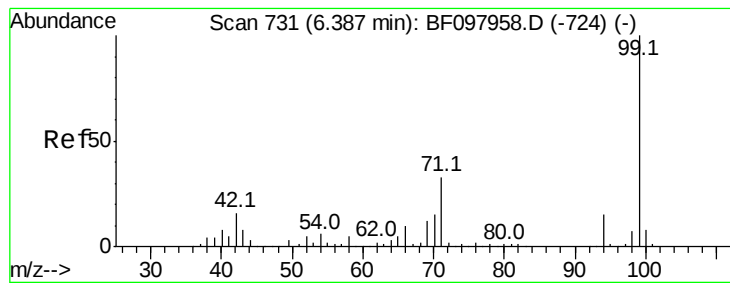
2-Fluorophenol
 Concen: 115.032 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	28.3	23.4	35.0



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





#7

Phenol-d6

Concen: 109.782 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098193.D

Acq: 31 Aug 2017 9:49

Instrument :

BNA_F

ClientSampleId :

WC-1

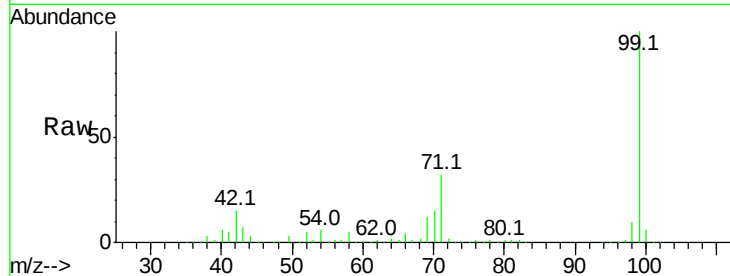
Tot Ion: 99 Resp: 1101640

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

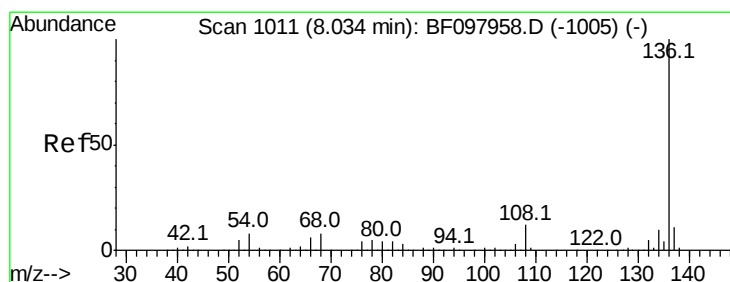
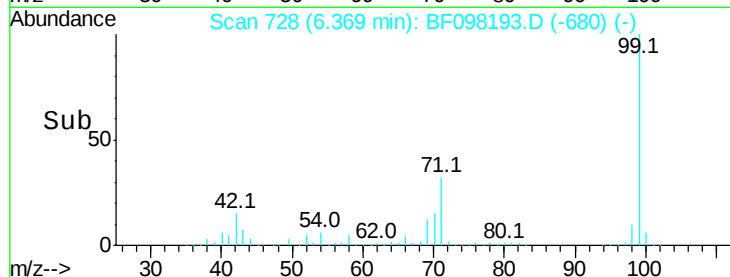
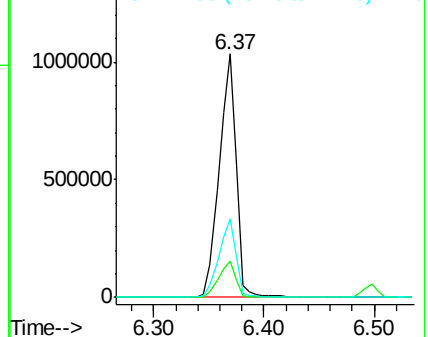
71 32.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF098193.D

Acq: 31 Aug 2017 9:49

Tgt Ion: 136 Resp: 409108

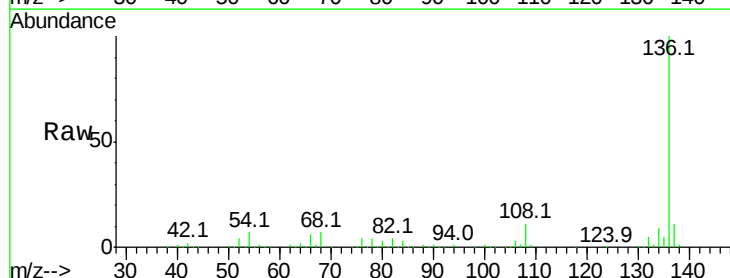
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 7.1 4.1 6.1#

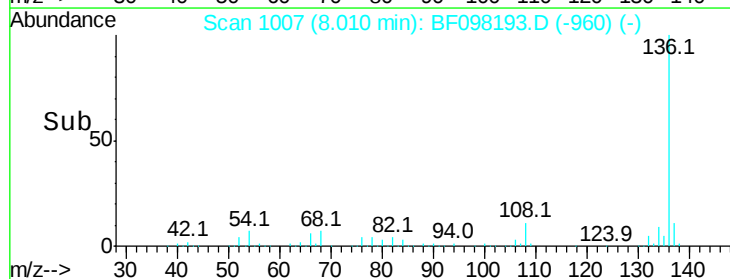
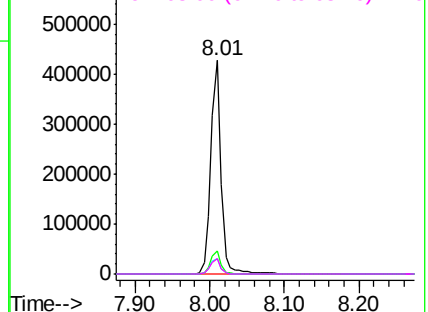


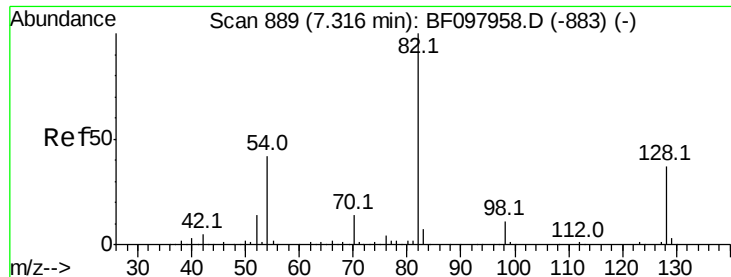
Abundance Ion 136.00 (135.70 to 136.70): E

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

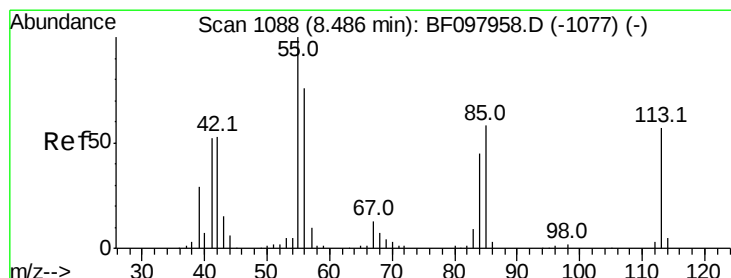
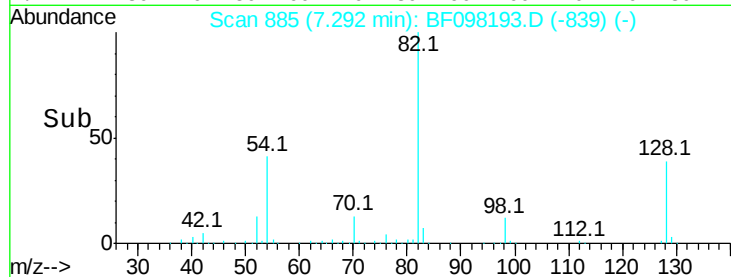
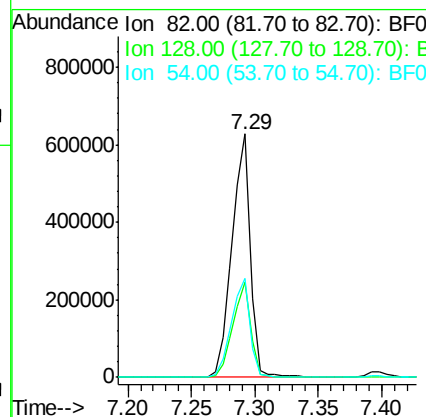
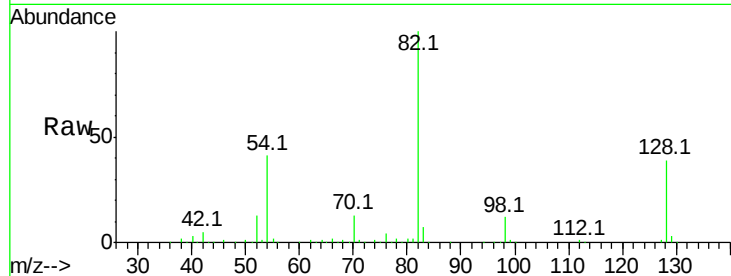




#23
 Nitrobenzene-d5
 Concen: 83.605 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

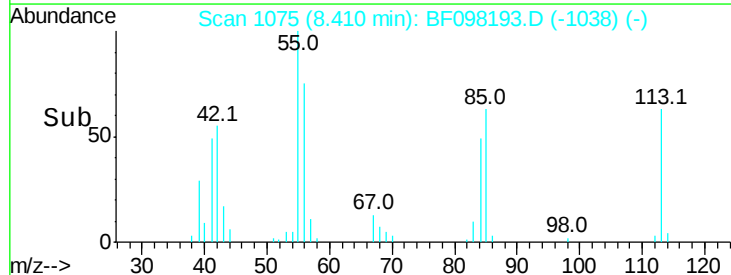
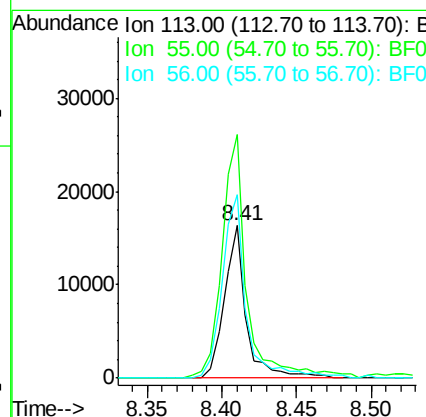
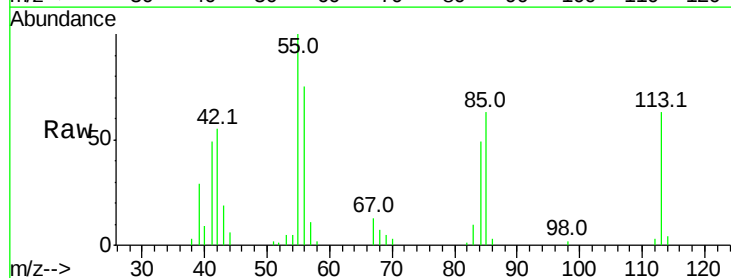
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

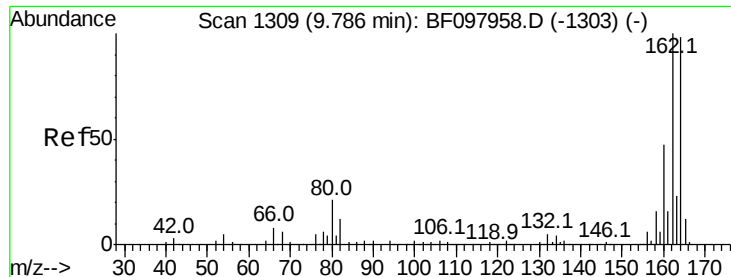
Tot Ion: 82 Resp: 629610
 Ion Ratio Lower Upper
 82 100
 128 39.2 34.0 51.0
 54 40.8 42.2 63.2#



#35
 Caprolactam
 Concen: 9.134 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.08 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

Tgt Ion: 113 Resp: 16834
 Ion Ratio Lower Upper
 113 100
 55 160.0 150.2 190.2
 56 120.3 107.8 147.8

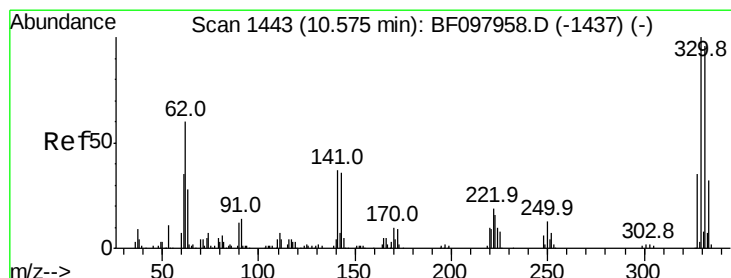
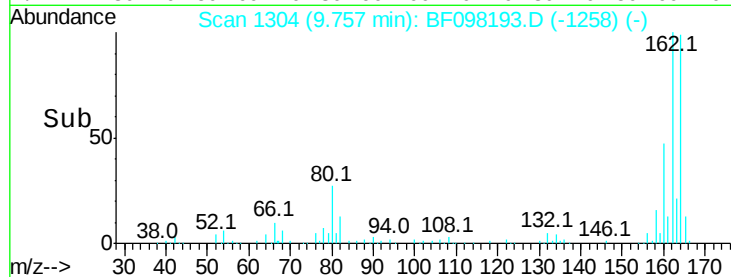
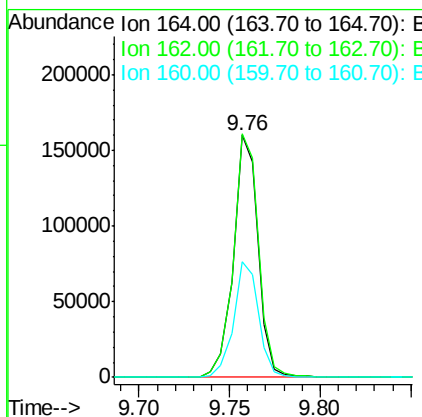
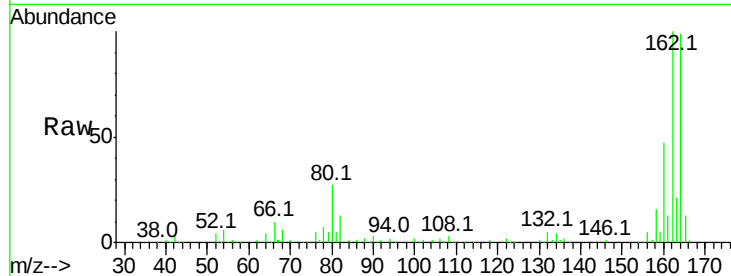




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

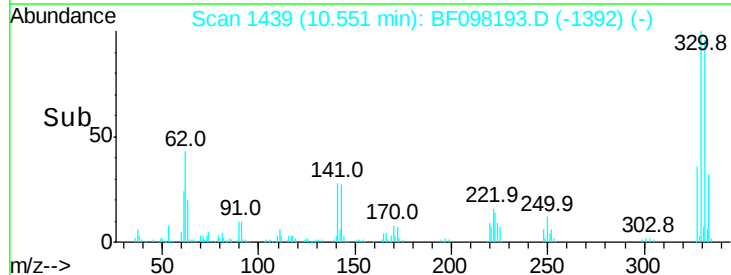
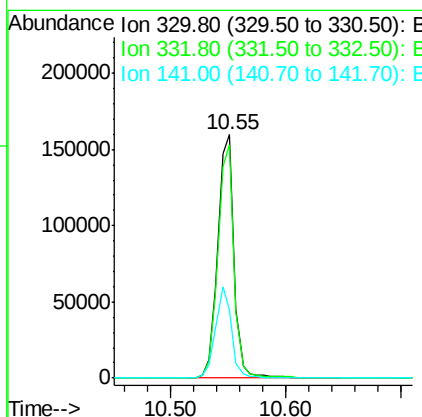
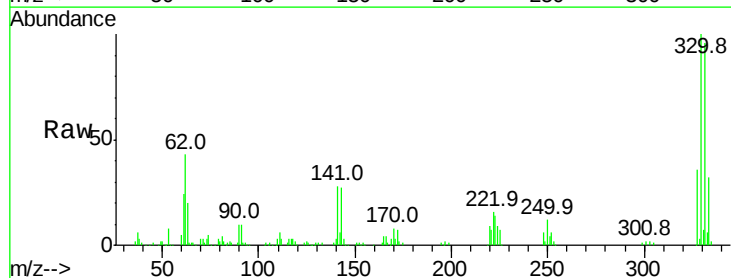
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

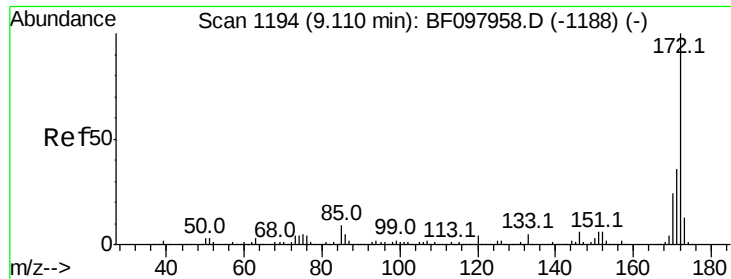
Tot Ion:164 Resp: 151118
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 47.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 119.666 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

Tgt Ion:330 Resp: 156906
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 36.7 31.4 47.2

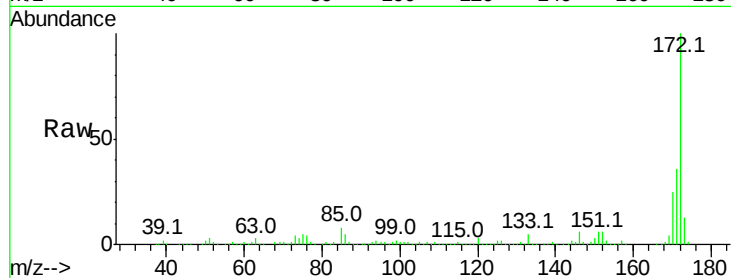




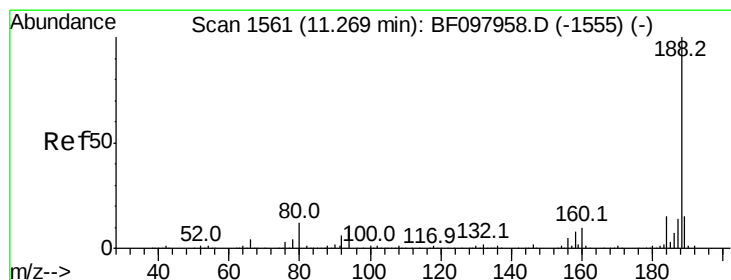
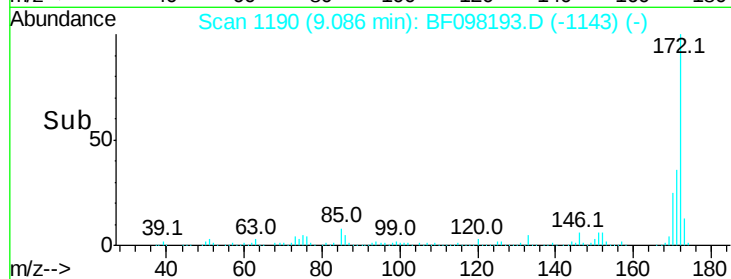
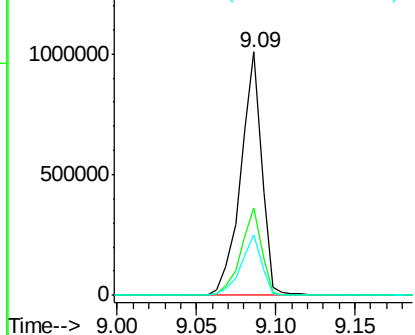
#44
 2-Fluorobiphenyl
 Concen: 90.093 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:172 Resp: 926669
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.6 19.8 29.8

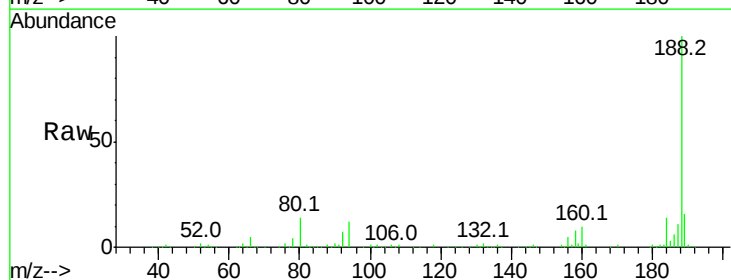


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

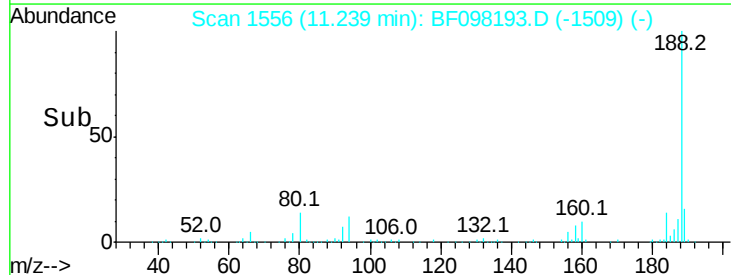
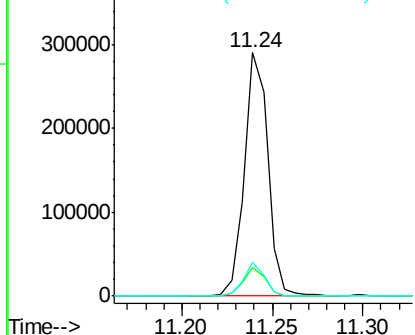


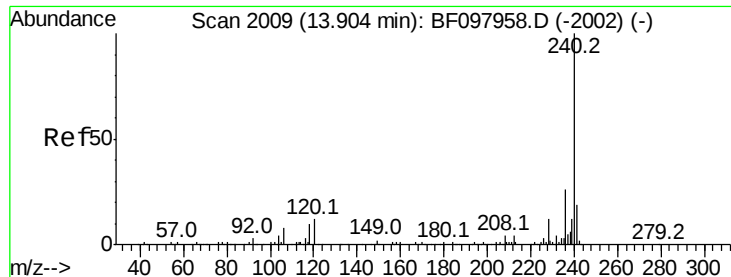
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF098193.D
 Acq: 31 Aug 2017 9:49

Tgt Ion:188 Resp: 262178
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 13.6 10.2 15.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098193.D

Acq: 31 Aug 2017 9:49

Instrument :

BNA_F

ClientSampleId :

WC-1

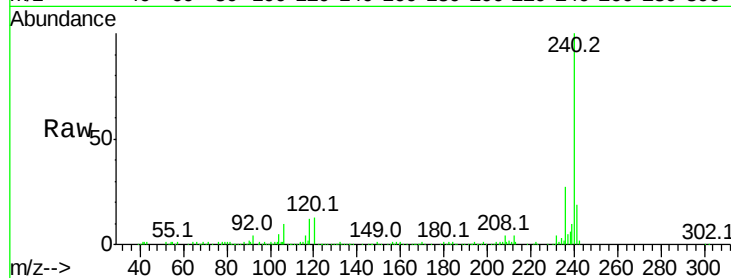
Tot Ion:240 Resp: 232390

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

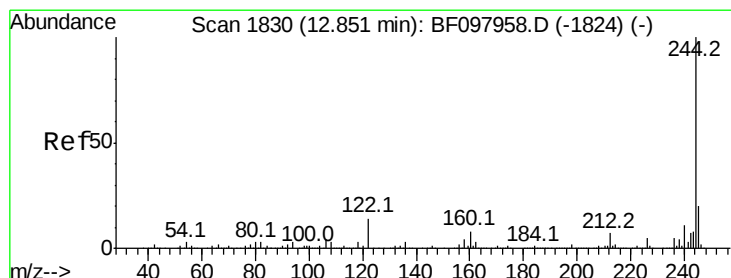
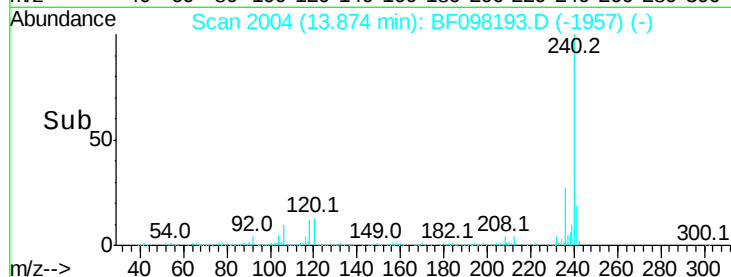
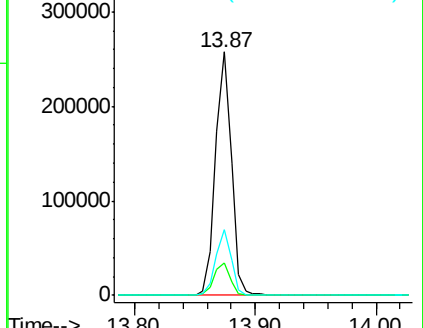
236 26.9 20.5 30.7



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



#78

Terphenyl-d14

Concen: 70.295 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098193.D

Acq: 31 Aug 2017 9:49

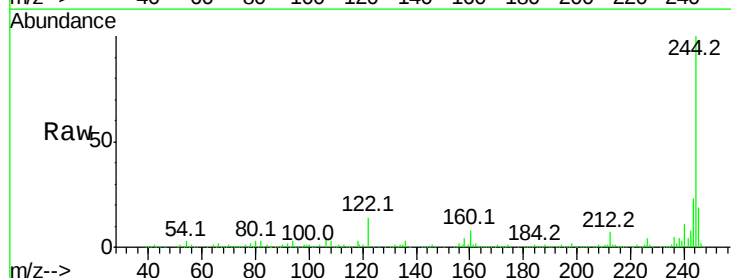
Tgt Ion:244 Resp: 783370

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

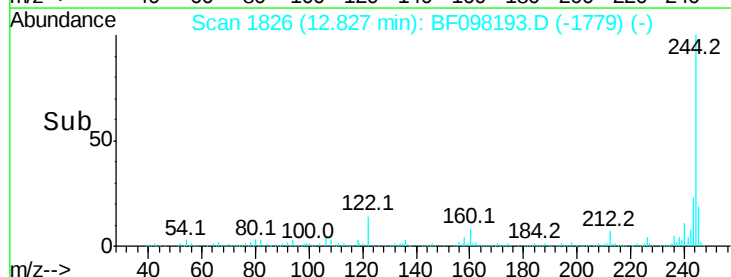
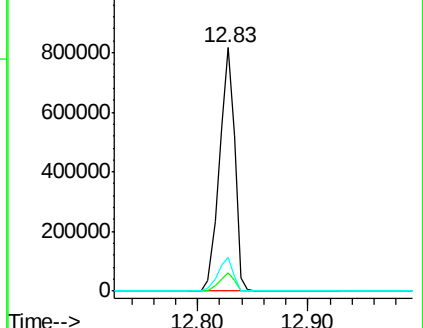
122 13.6 10.3 15.5

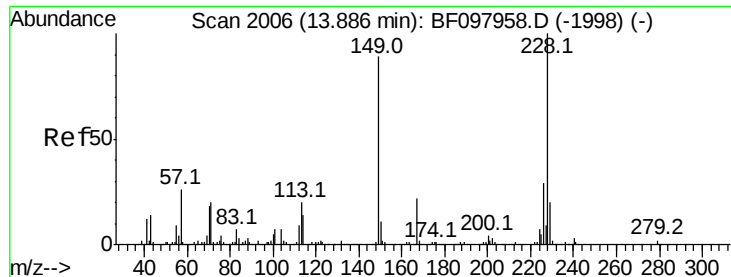


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.257 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF098193.D

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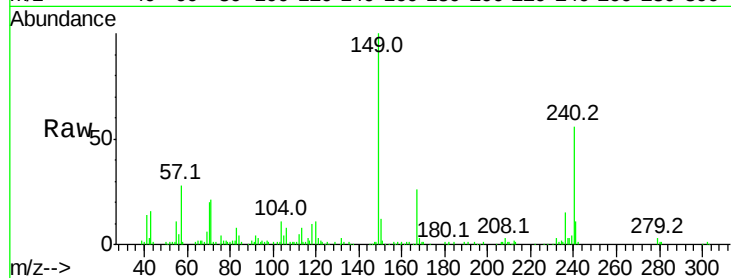
Tot Ion:149 Resp: 74749

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

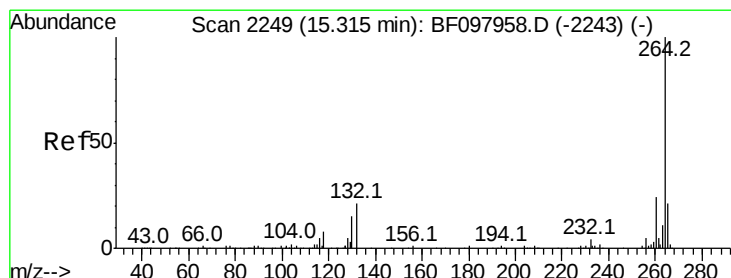
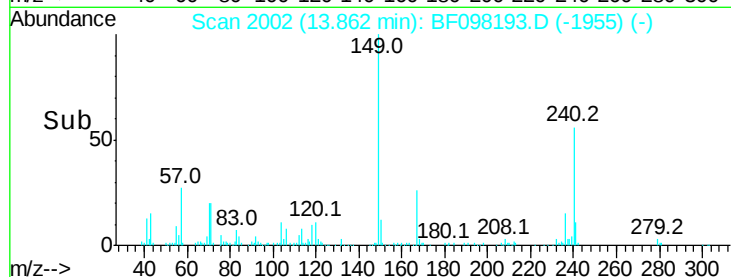
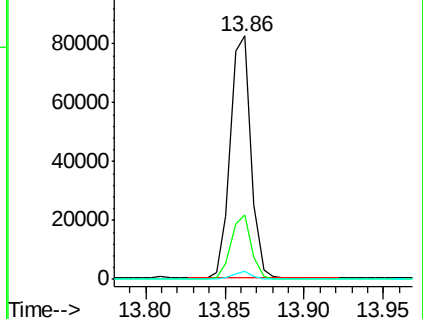
279 3.5 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BF098193.D

Acq: 31 Aug 2017 9:49

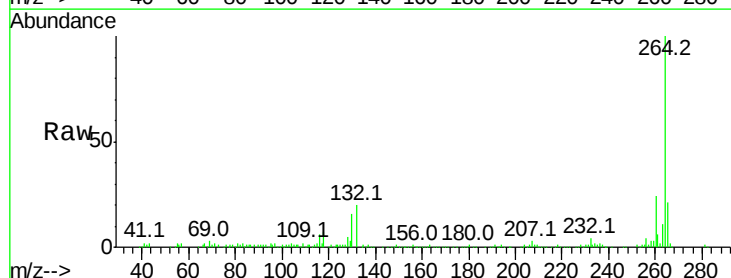
Tgt Ion:264 Resp: 156892

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.4 17.2 25.8



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

