

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098513.D
 Acq On : 14 Sep 2017 2:23
 Operator : SJ/JU
 Sample : I5159-07 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:24:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

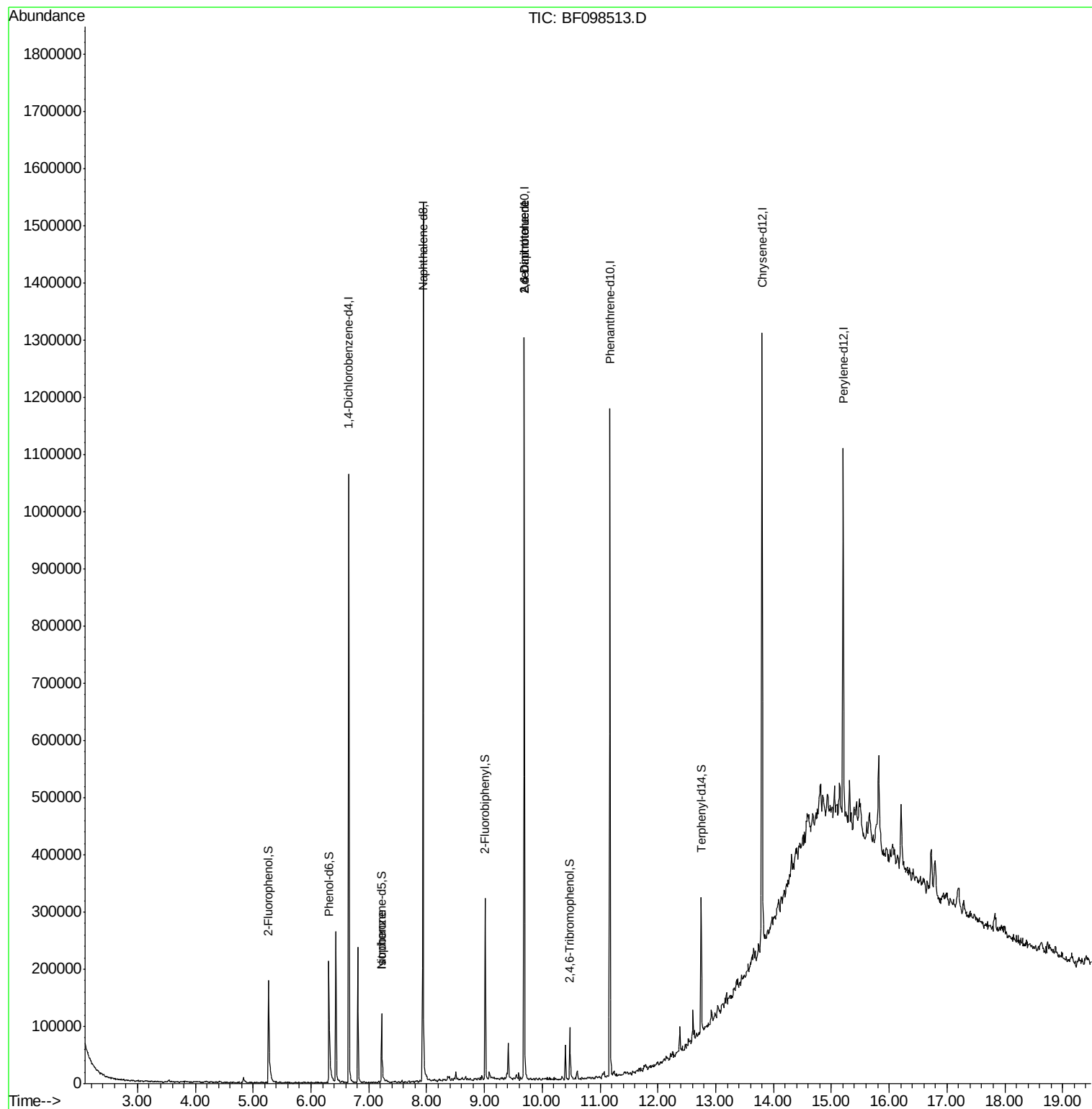
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	162182	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	622411	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	240947	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	370510	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	336228	20.00	ng	-0.01
86) Perylene-d12	15.20	264	257604	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	70895	6.46	ng	-0.01
7) Phenol-d6	6.31	99	93974	6.75	ng	-0.01
23) Nitrobenzene-d5	7.22	82	45533	4.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	9595	5.97	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	97037	6.83	ng	-0.02
78) Terphenyl-d14	12.75	244	65396	4.20	ng	-0.02
Target Compounds						
25) Isophorone	7.22	82	45532	2.016	ng	# 67
50) 2,6-Dinitrotoluene	9.69	165	31469	8.214	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	31469	6.756	ng	# 33

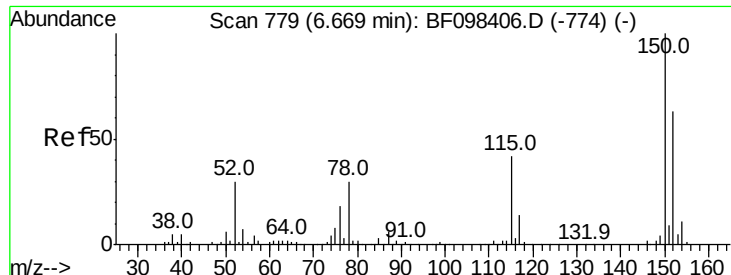
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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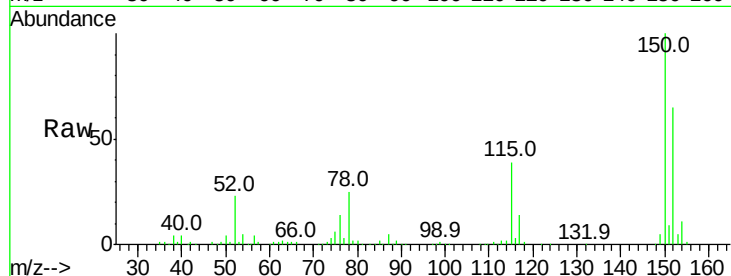


#1

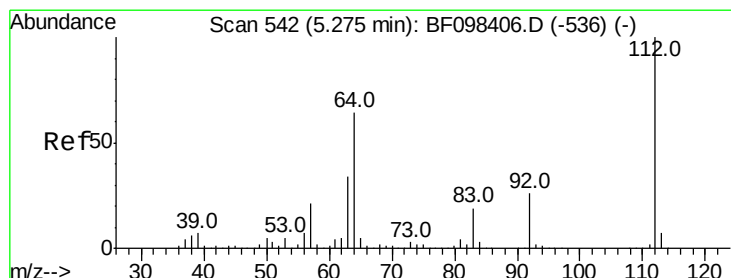
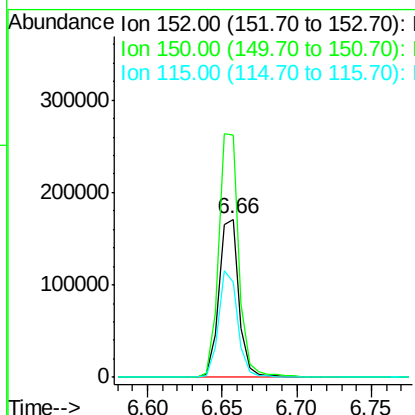
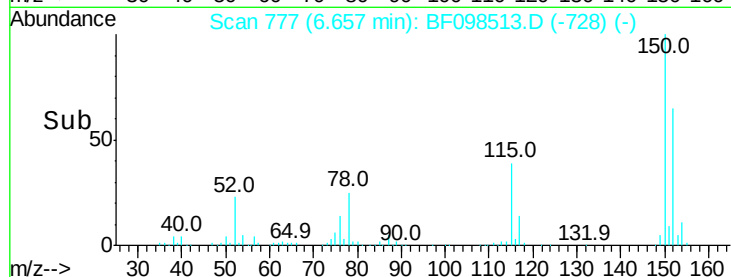
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098513.D
Acq: 14 Sep 2017 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	60.3	52.2	78.2



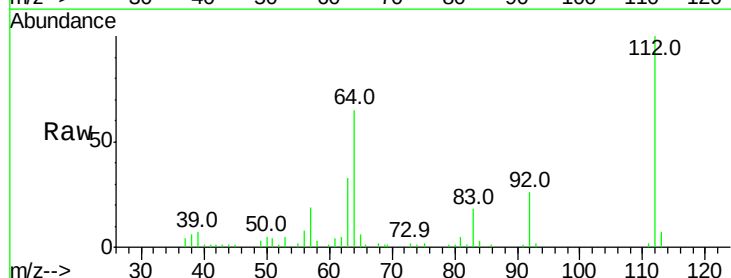
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



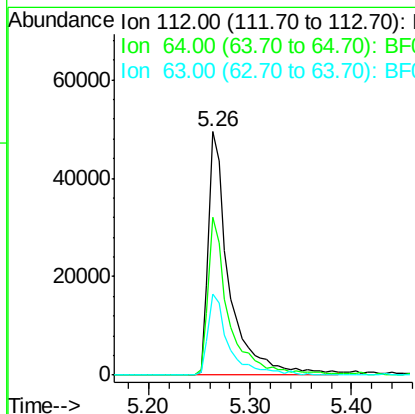
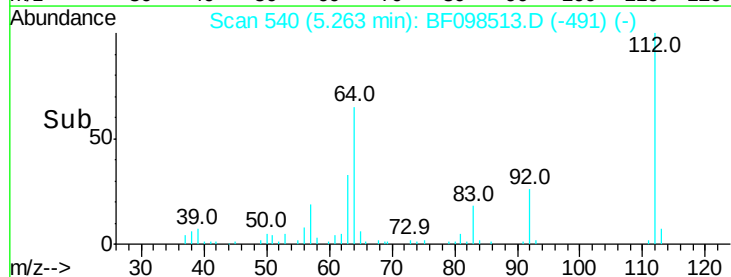
#5

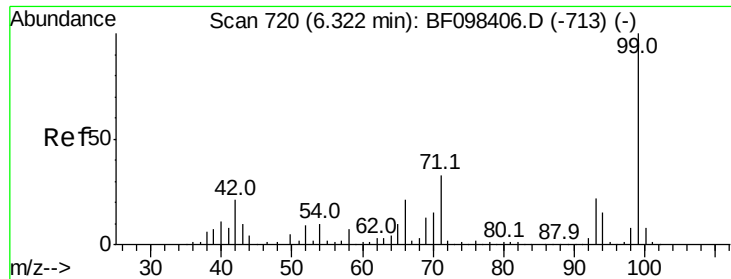
2-Fluorophenol
Concen: 6.463 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098513.D
Acq: 14 Sep 2017 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.3	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: 6.748 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

Instrument :

BNA_F

ClientSampled :

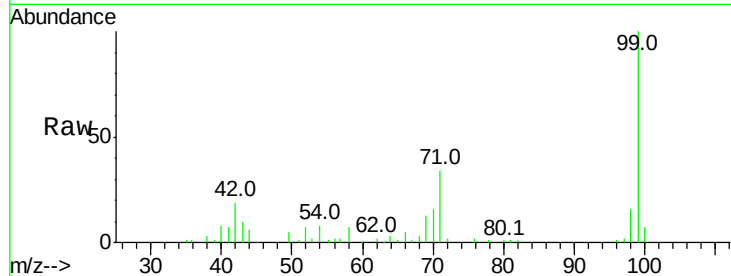
Tot Ion: 99 Resp: 93974

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

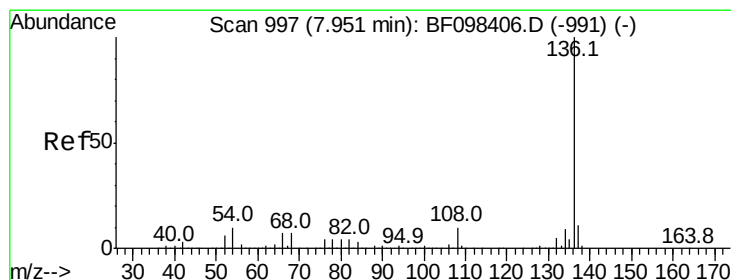
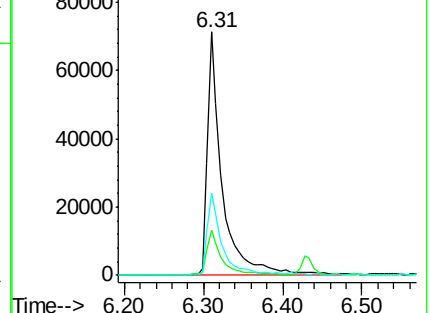
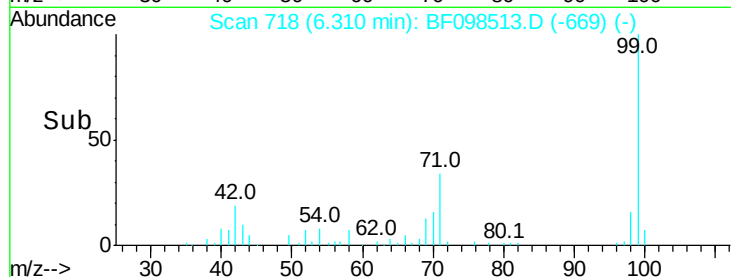
71 34.0 24.5 36.7



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

Tgt Ion: 136 Resp: 622411

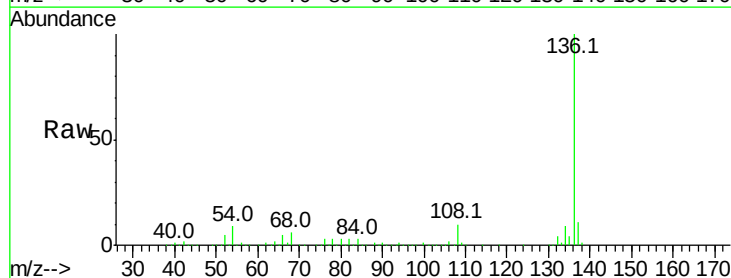
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.8 4.9 7.3#

68 6.3 4.1 6.1#

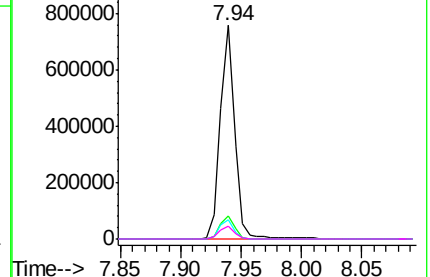
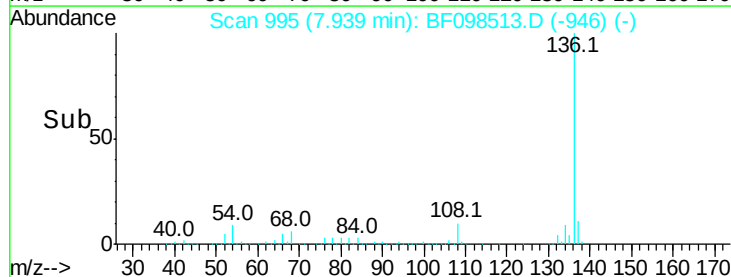


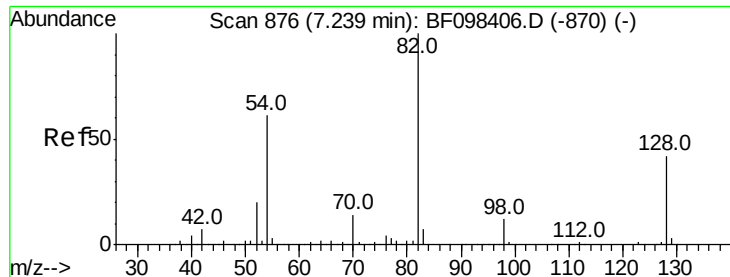
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.078 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

Instrument :

BNA_F

ClientSampleId :

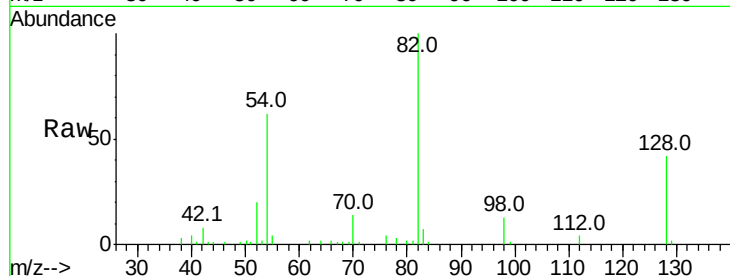
Tot Ion: 82 Resp: 45533

Ion Ratio Lower Upper

82 100

128 41.9 34.0 51.0

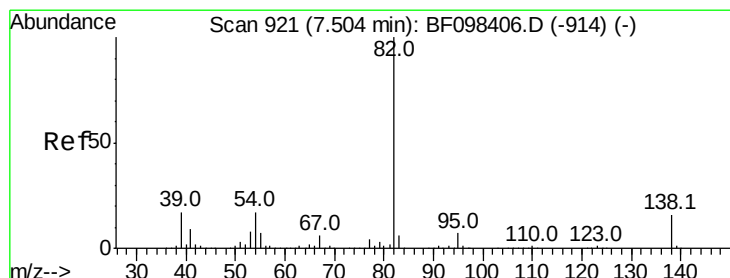
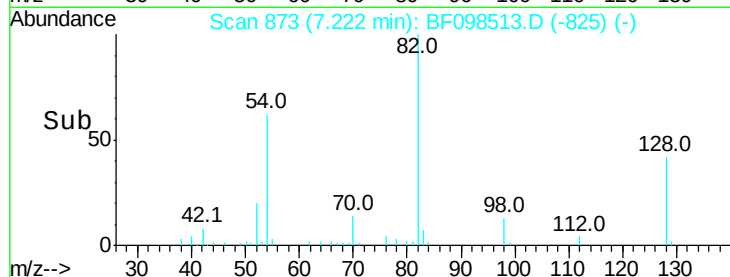
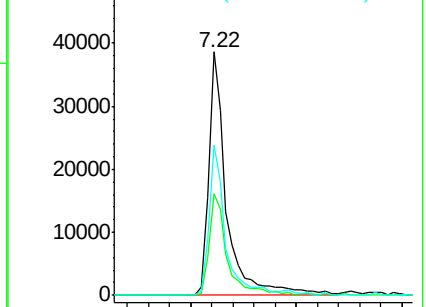
54 61.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 2.016 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

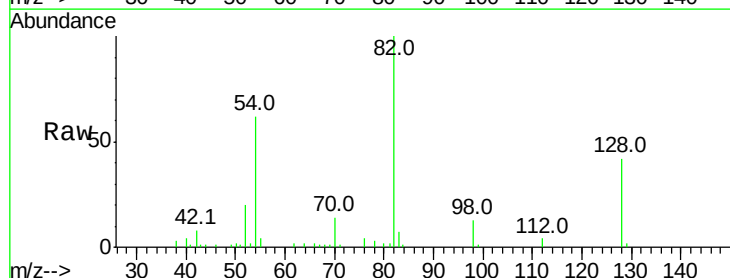
Tgt Ion: 82 Resp: 45532

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

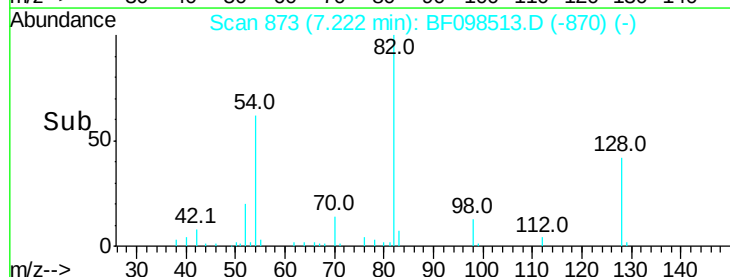
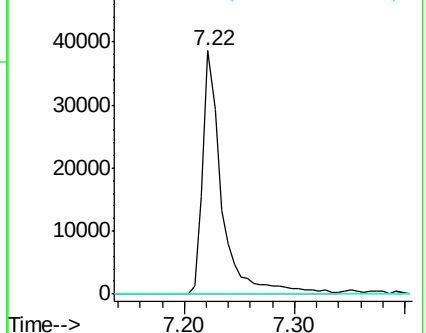
138 0.0 13.1 19.7#

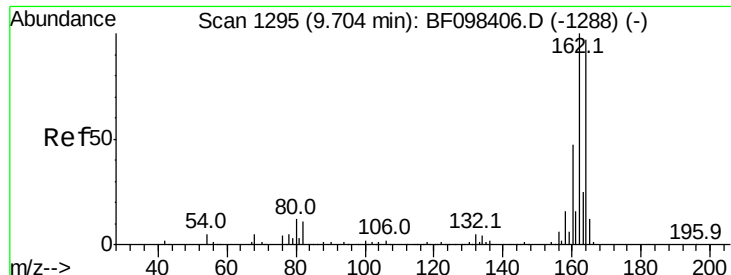


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

Instrument :

BNA_F

ClientSampleId :

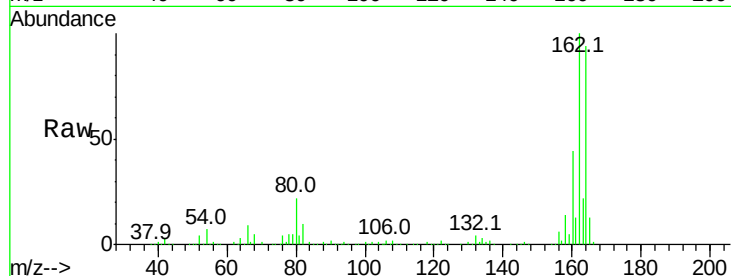
Tot Ion:164 Resp: 240947

Ion Ratio Lower Upper

164 100

162 106.3 82.6 123.8

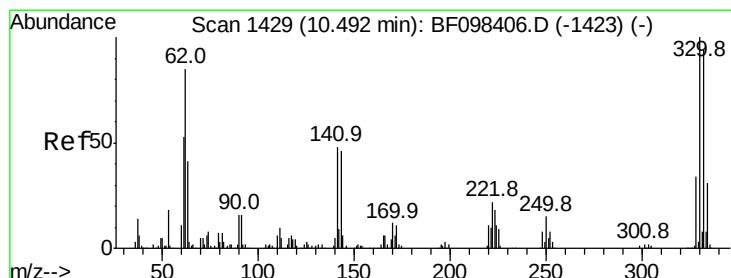
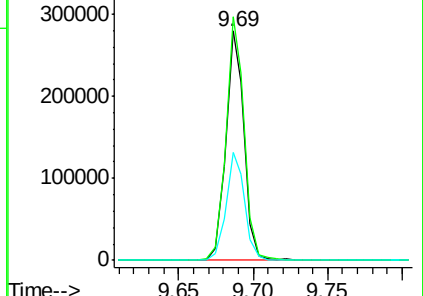
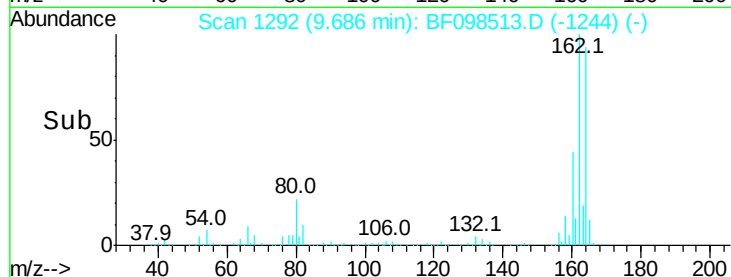
160 47.2 36.2 54.2



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: 5.967 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

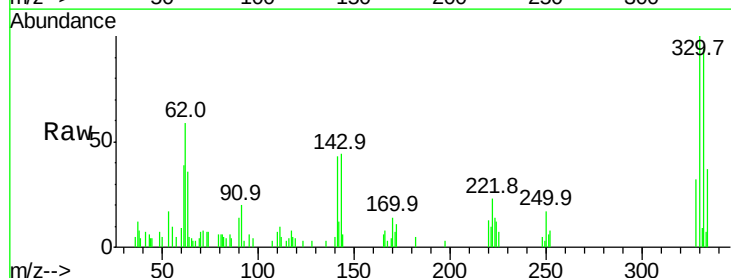
Tgt Ion:330 Resp: 9595

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

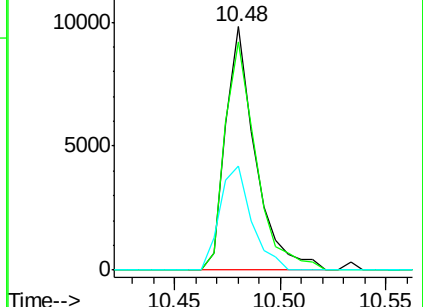
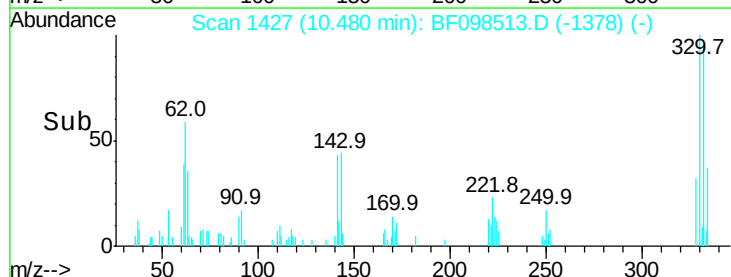
141 45.8 31.4 47.2

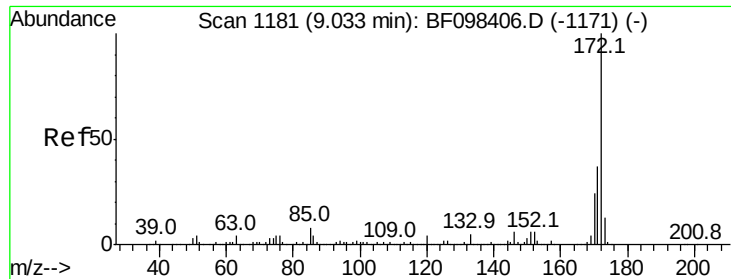


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

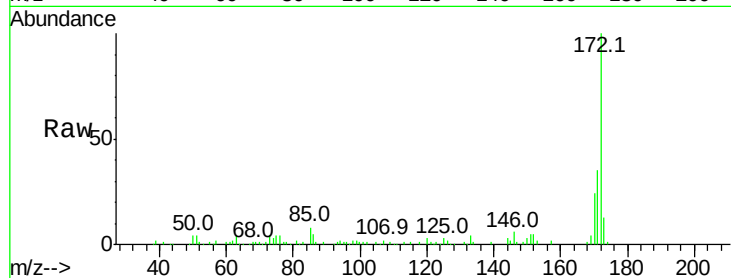




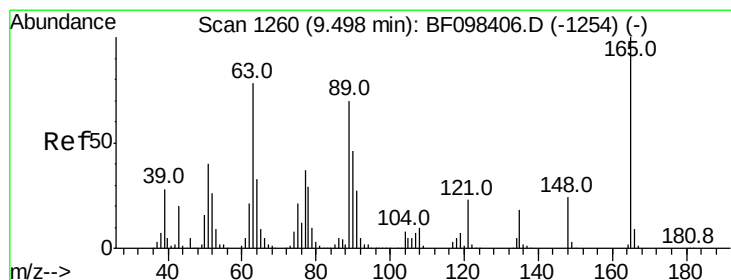
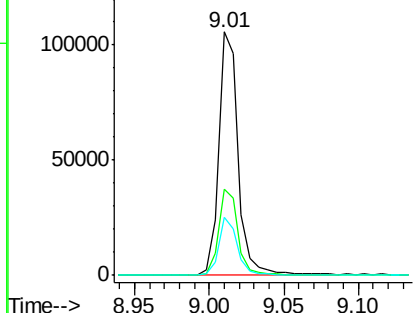
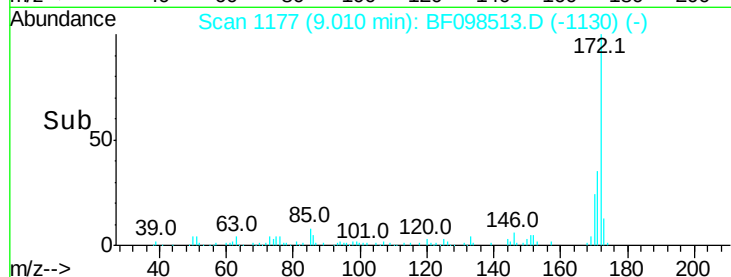
#44
 2-Fluorobiphenyl
 Concen: 6.826 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098513.D
 Acq: 14 Sep 2017 2:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.9	19.8	29.8

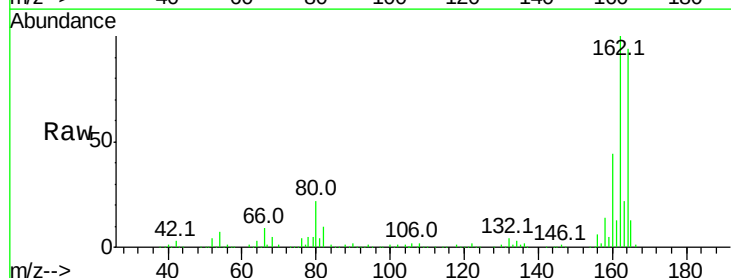


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

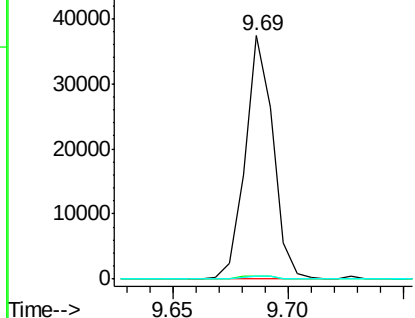
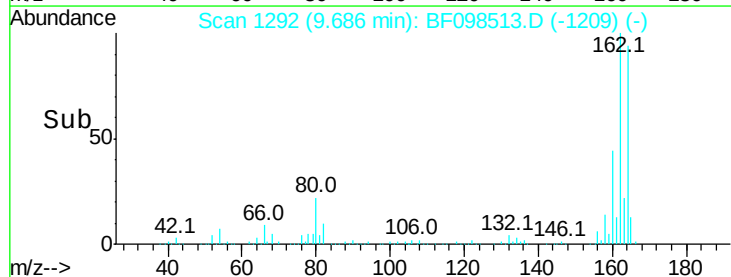


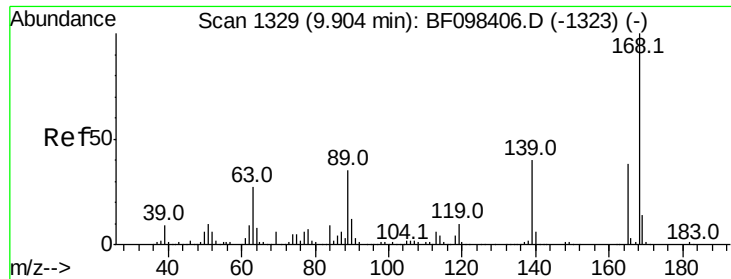
#50
 2,6-Dinitrotoluene
 Concen: 8.214 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.19 min
 Lab File: BF098513.D
 Acq: 14 Sep 2017 2:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.4	37.1	55.7#



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

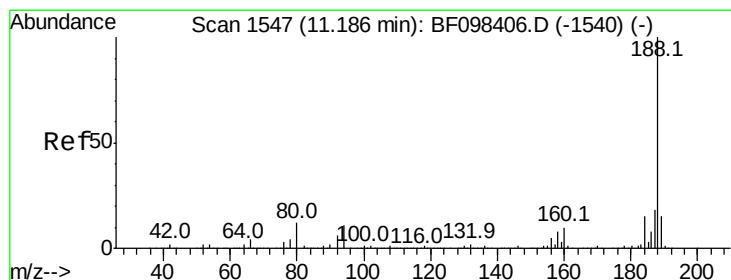
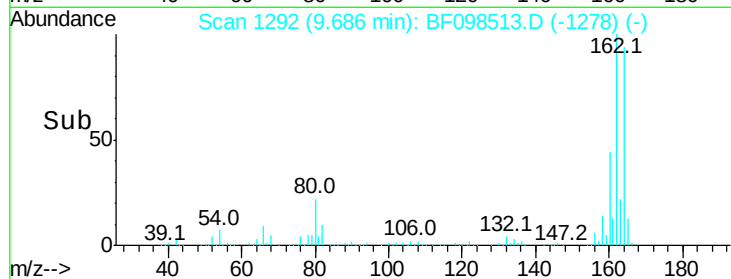
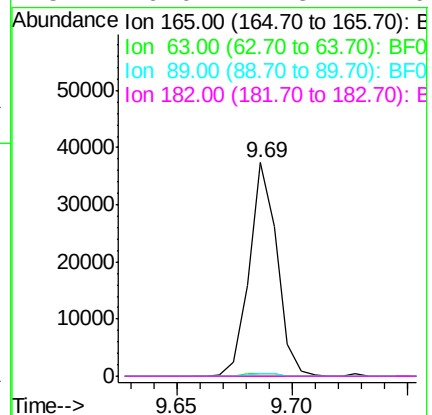
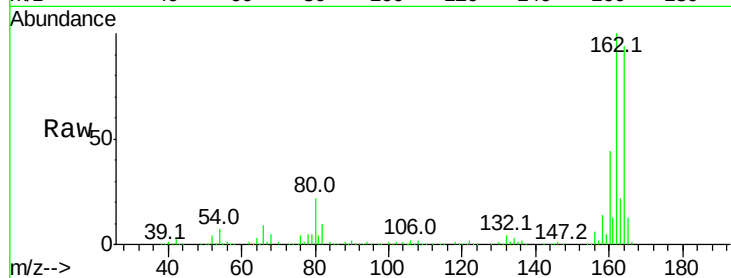




#56
 2,4-Dinitrotoluene
 Concen: 6.756 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.22 min
 Lab File: BF098513.D
 Acq: 14 Sep 2017 2:23

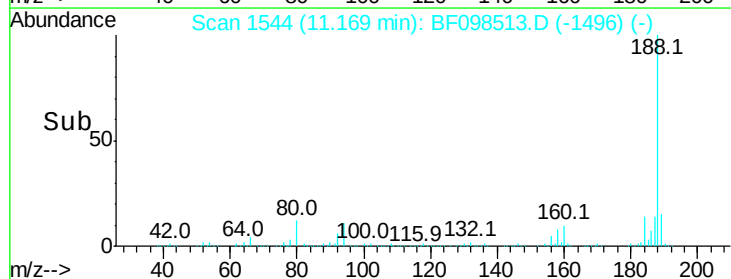
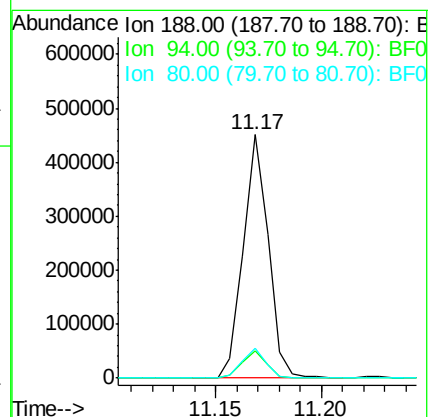
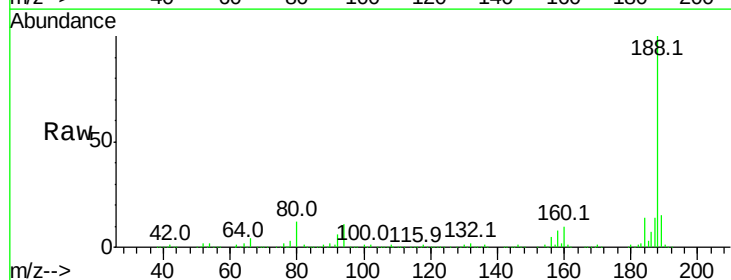
Instrument :
 BNA_F
 ClientSampleId :

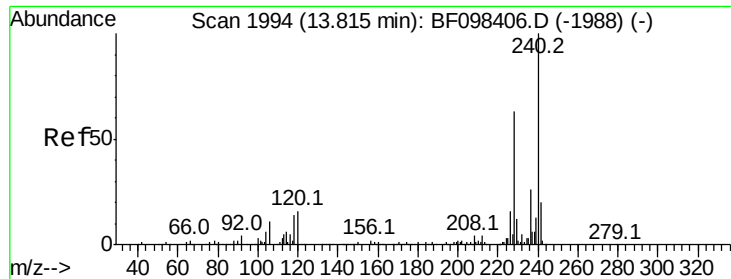
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.02 min
 Lab File: BF098513.D
 Acq: 14 Sep 2017 2:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.4	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

Instrument :

BNA_F

ClientSampleId :

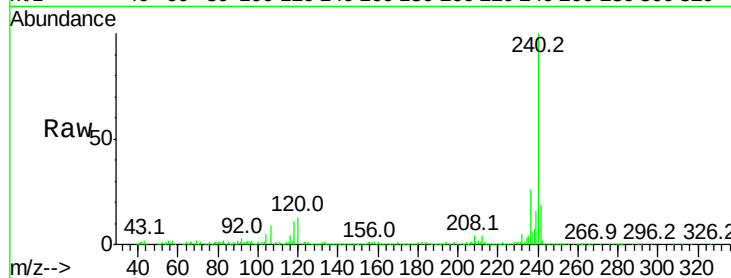
Tot Ion:240 Resp: 336228

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

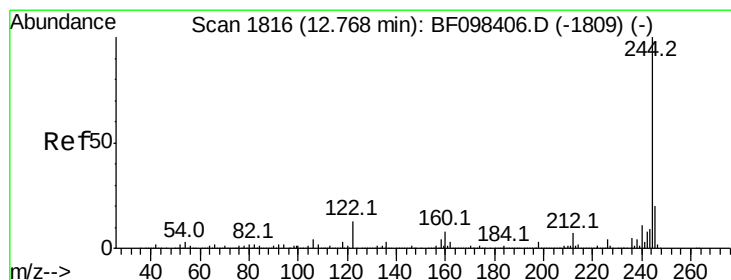
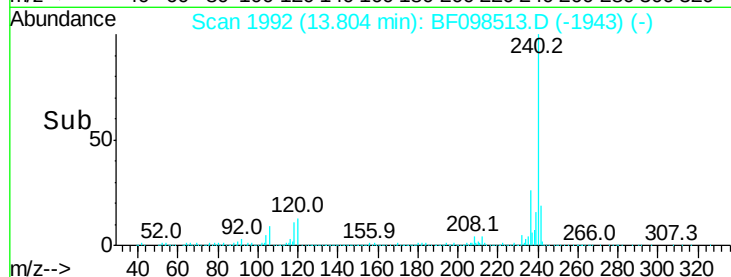
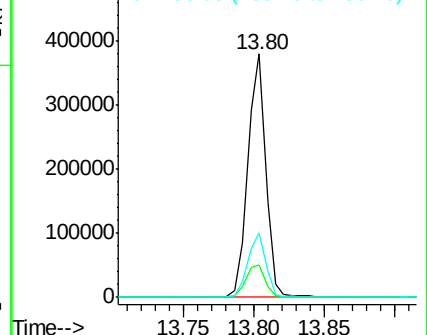
236 26.3 20.5 30.7



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: 4.198 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098513.D

Acq: 14 Sep 2017 2:23

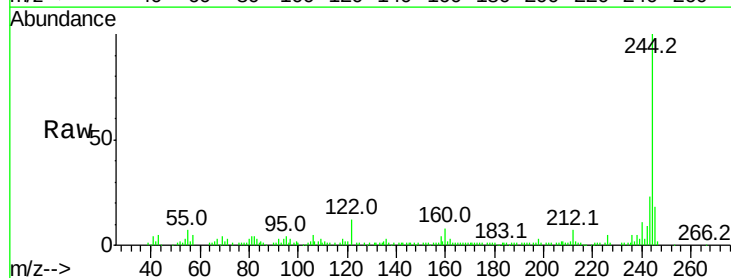
Tgt Ion:244 Resp: 65396

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

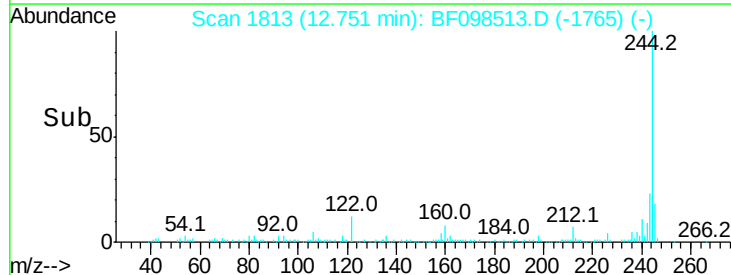
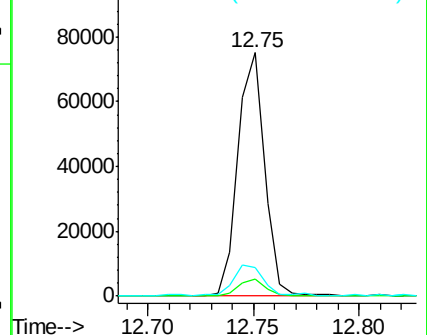
122 11.7 10.3 15.5

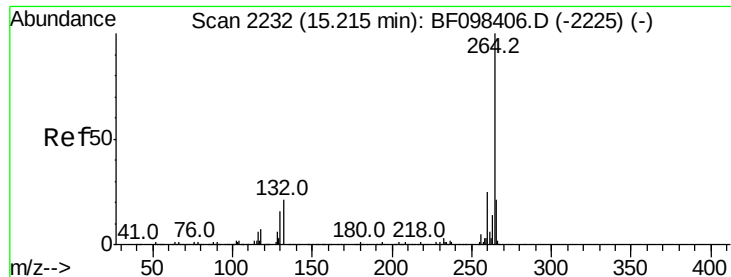


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

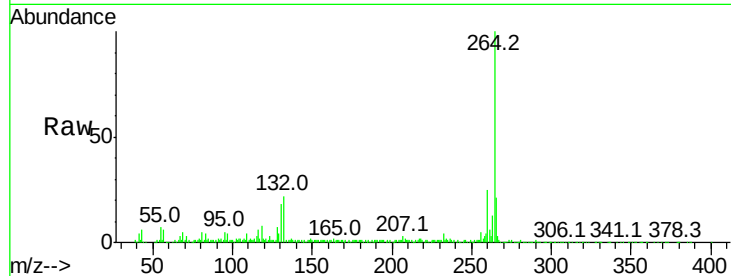




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098513.D
Acq: 14 Sep 2017 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	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

