

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096380.D
 Acq On : 1 Jul 2017 15:50
 Operator : SJ/MA
 Sample : I3947-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:47:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

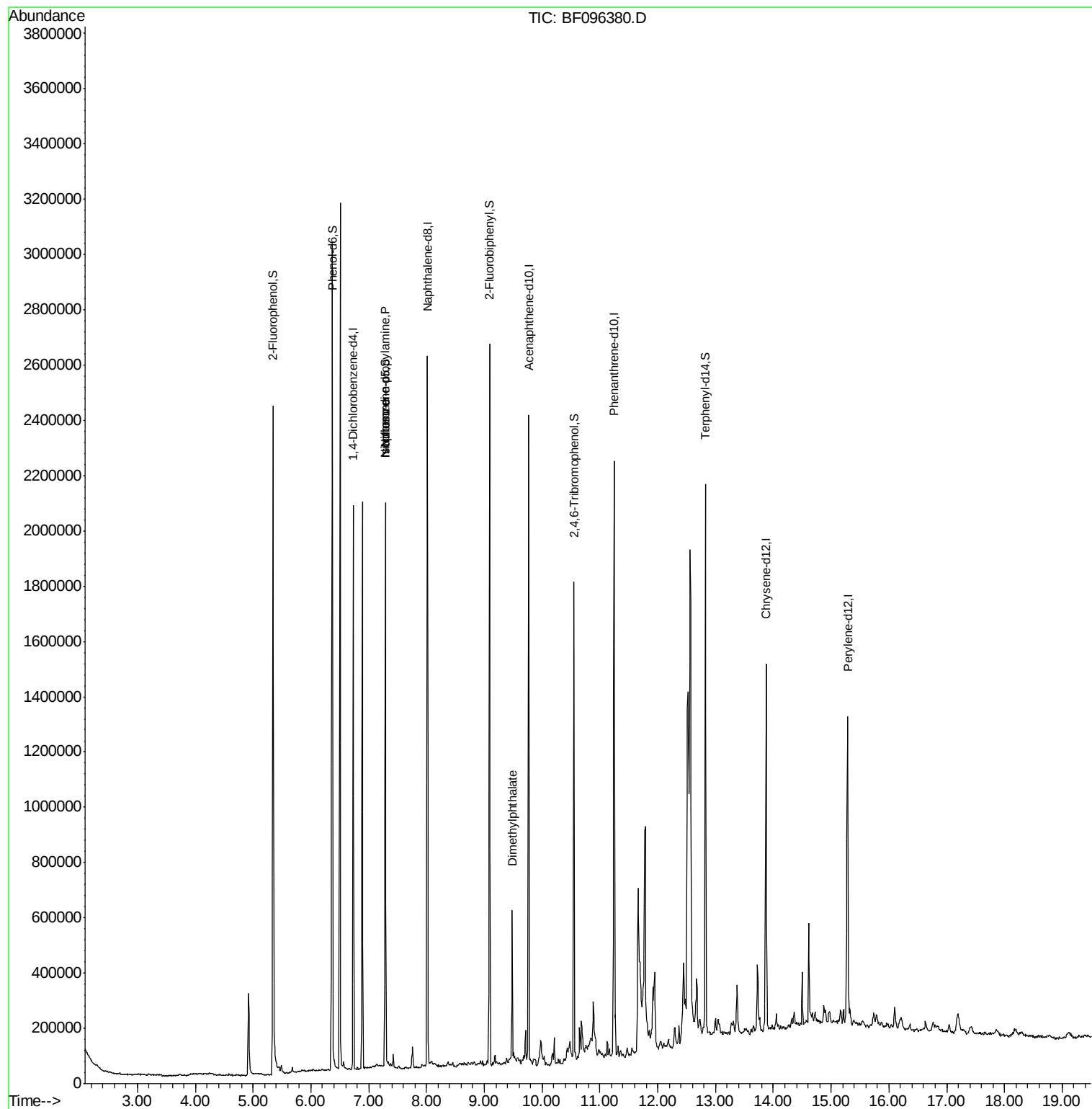
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	274359	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1144483	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	467158	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	756539	20.00	ng	0.00
75) Chrysene-d12	13.87	240	470423	20.00	ng	0.00
86) Perylene-d12	15.29	264	476444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	790141	42.51	ng	0.00
7) Phenol-d6	6.37	99	1123225	49.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	634384	33.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	181671	49.79	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	833594	30.51	ng	0.00
78) Terphenyl-d14	12.83	244	570161	25.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	82847	6.09	ng	# 87
25) Isophorone	7.29	82	627391	16.99	ng	# 67
49) Dimethylphthalate	9.48	163	202054	5.79	ng	100

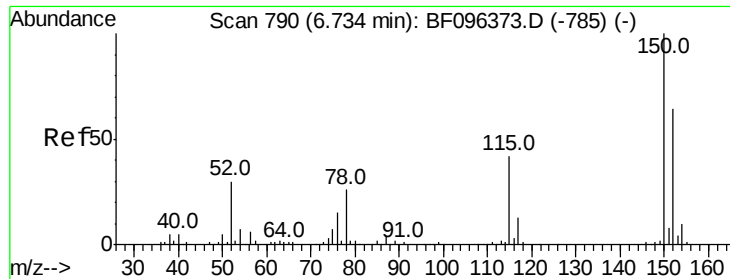
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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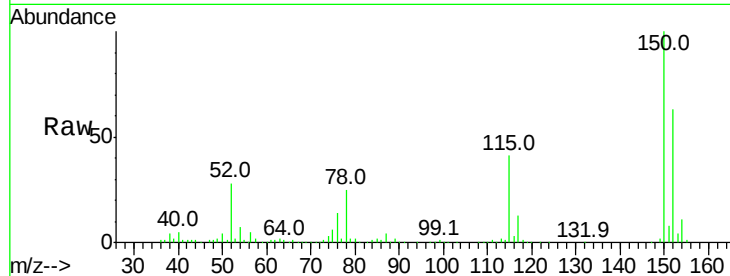


#1

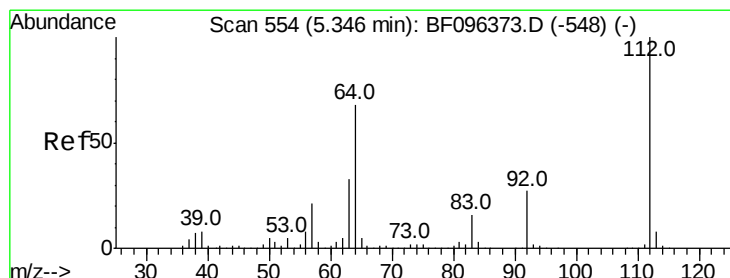
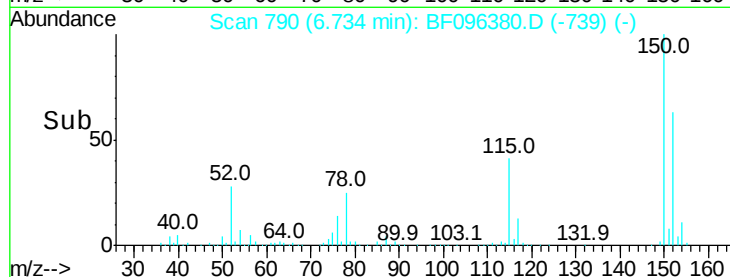
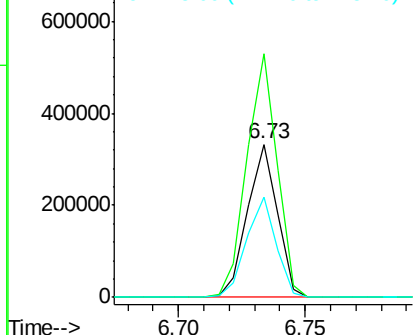
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096380.D
Acq: 1 Jul 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 274359
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 65.1 52.2 78.2



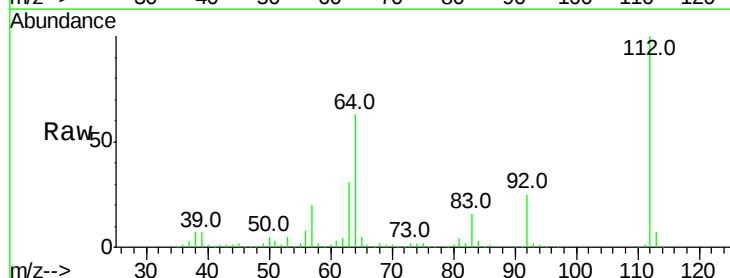
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



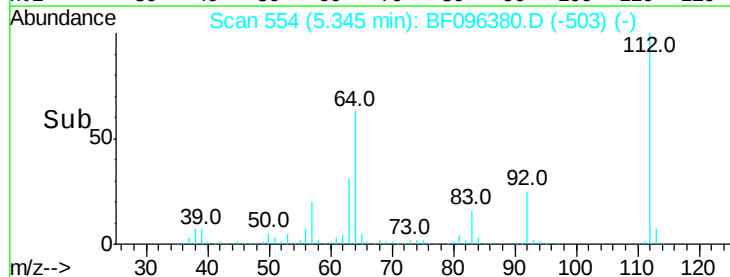
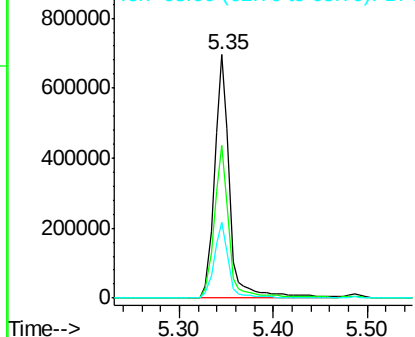
#5

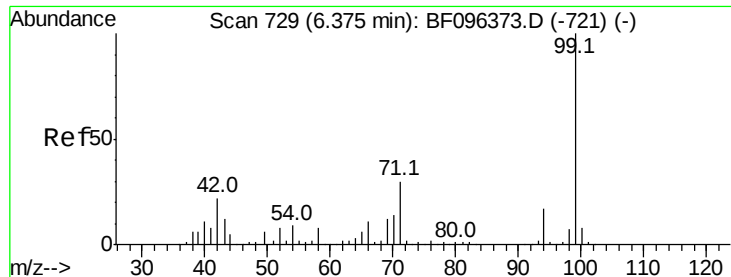
2-Fluorophenol
Concen: 42.51 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096380.D
Acq: 1 Jul 2017 15:50

Tgt Ion:112 Resp: 790141
Ion Ratio Lower Upper
112 100
64 62.8 46.0 69.0
63 31.1 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: 49.15 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampled :

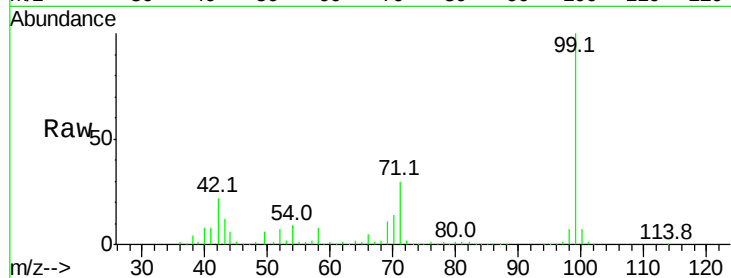
Tot Ion: 99 Resp: 1123225

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

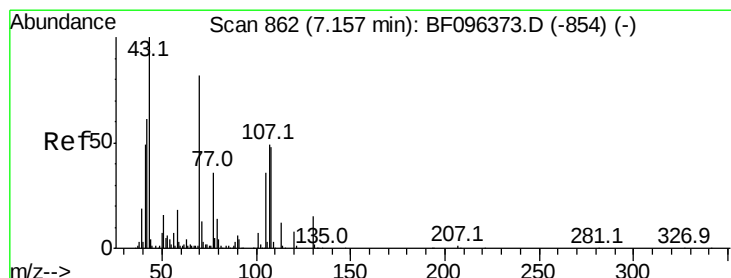
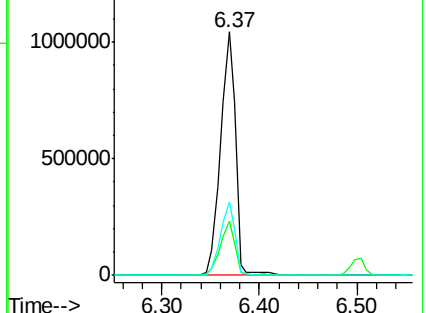
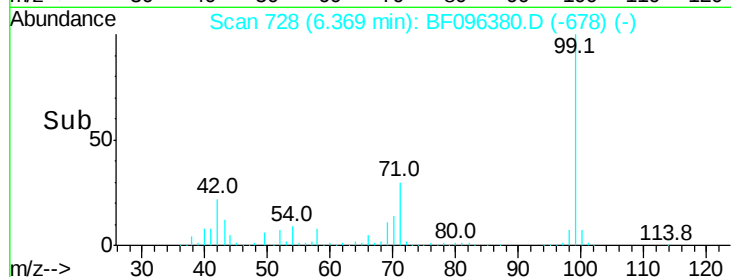
71 30.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.09 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Tgt Ion: 70 Resp: 82847

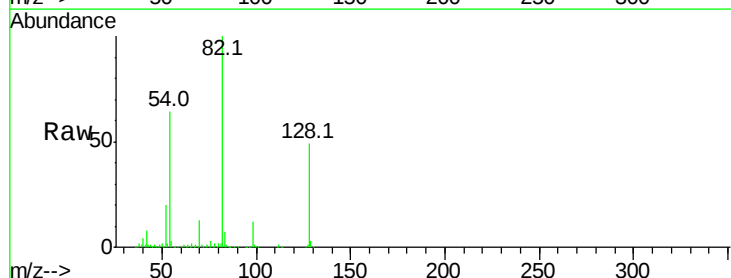
Ion Ratio Lower Upper

70 100

42 60.5 47.2 70.8

101 0.4 7.2 10.8#

130 2.2 15.9 23.9#

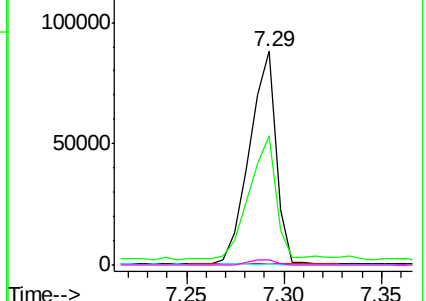
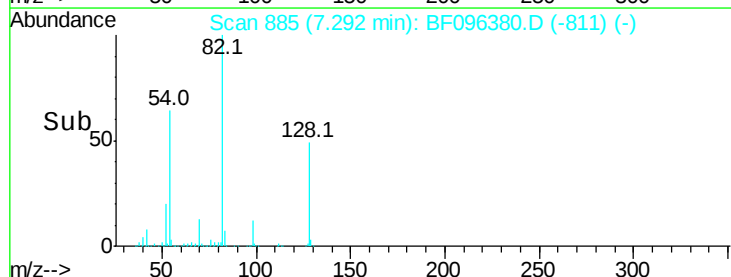


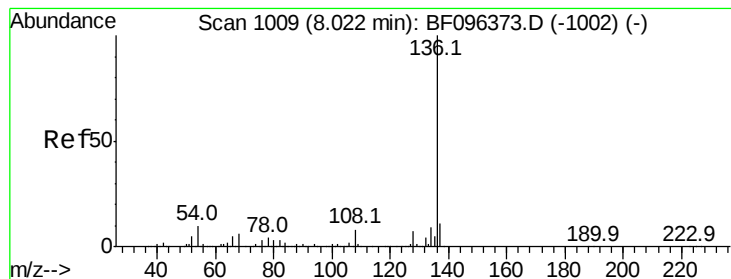
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1144483

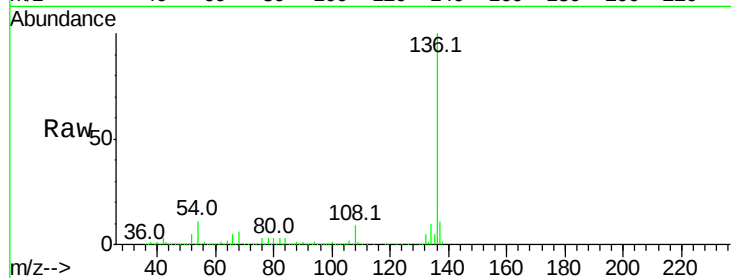
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.8 4.9 7.3#

68 6.3 4.1 6.1#

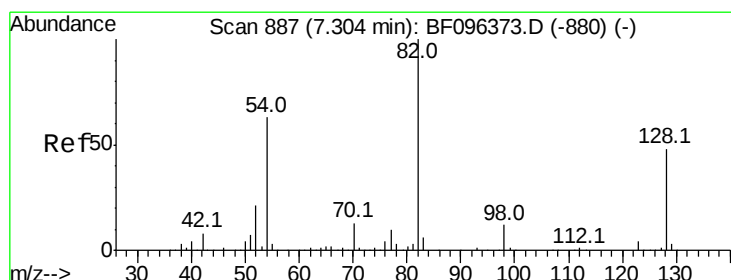
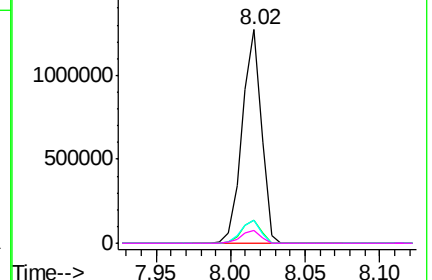
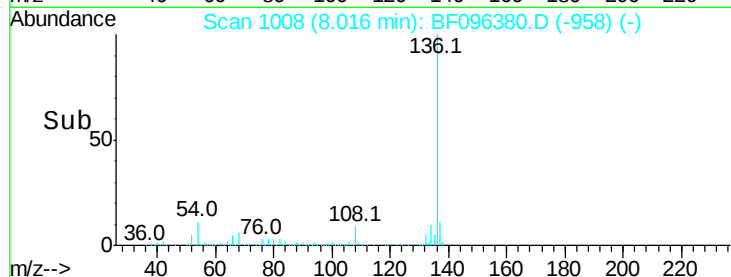


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.31 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

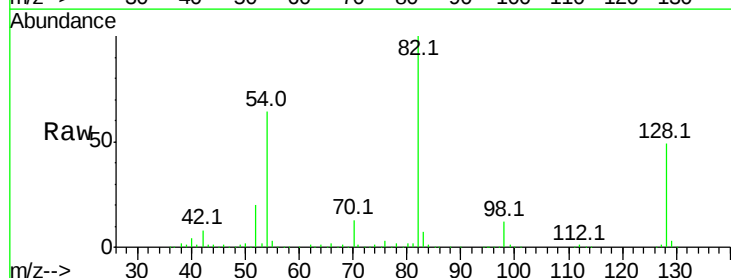
Tgt Ion: 82 Resp: 634384

Ion Ratio Lower Upper

82 100

128 49.2 34.0 51.0

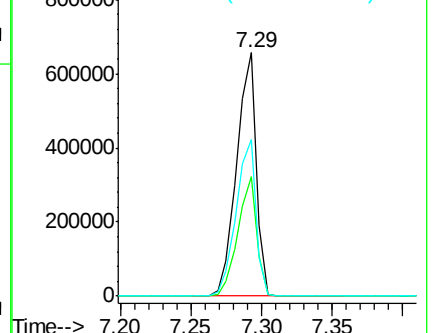
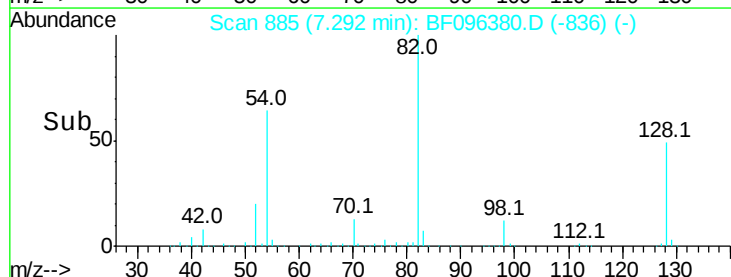
54 64.5 42.2 63.2#

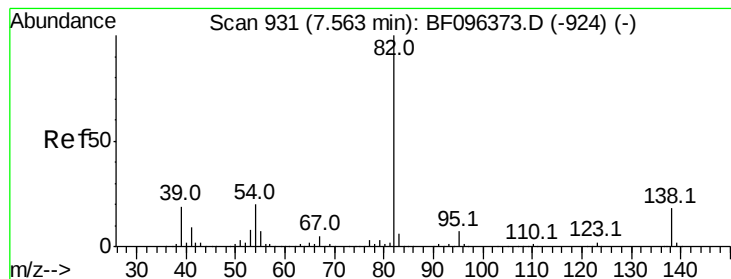


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 16.99 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampled :

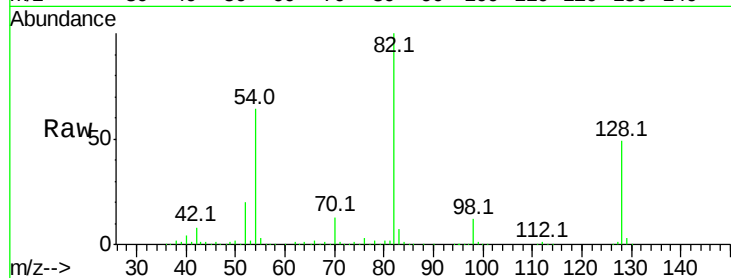
Tot Ion: 82 Resp: 627391

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

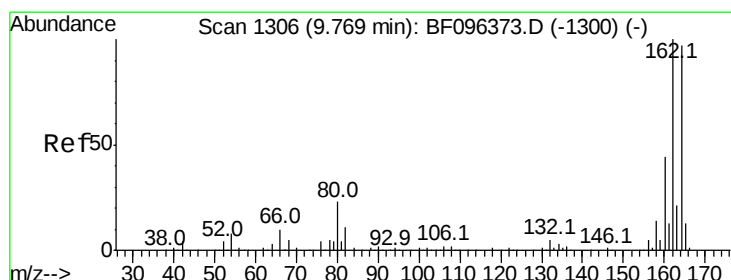
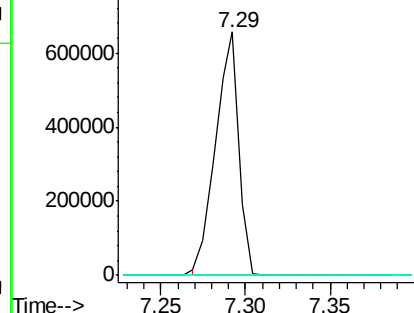
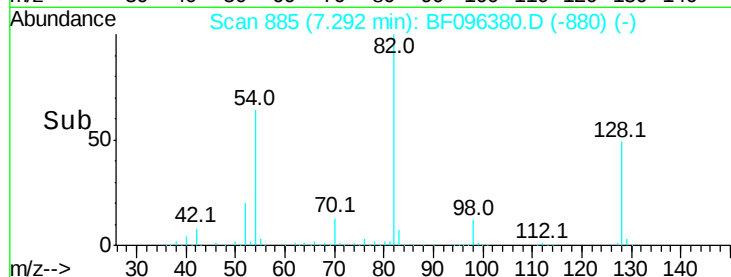
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

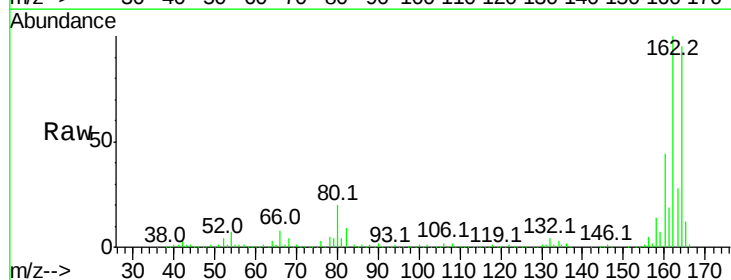
Tgt Ion:164 Resp: 467158

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

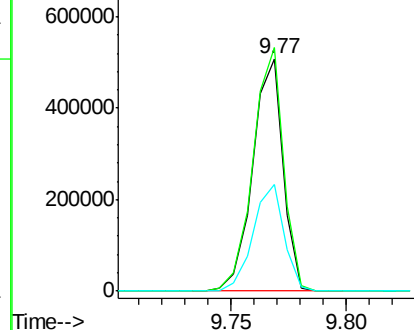
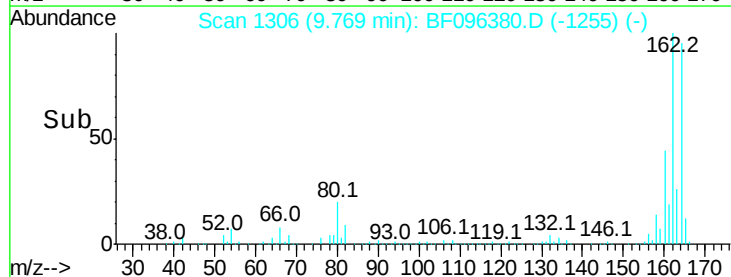
160 46.1 36.2 54.2



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

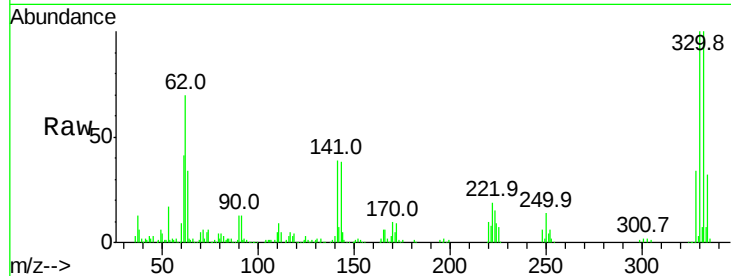




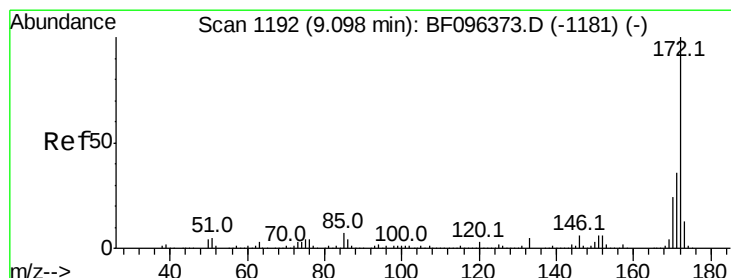
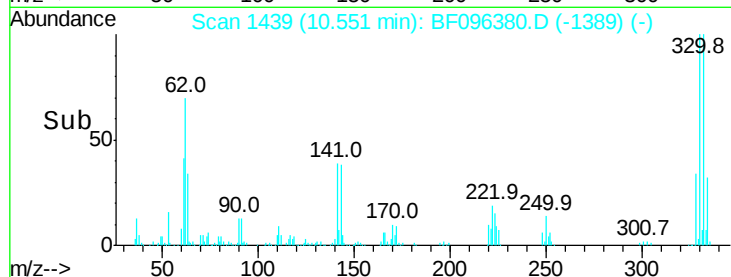
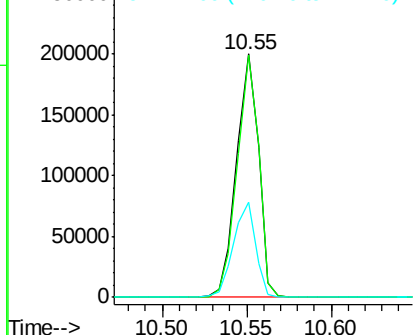
#41
 2,4,6-Tribromophenol
 Concen: 49.79 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096380.D
 Acq: 1 Jul 2017 15:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 181671
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.5 31.4 47.2

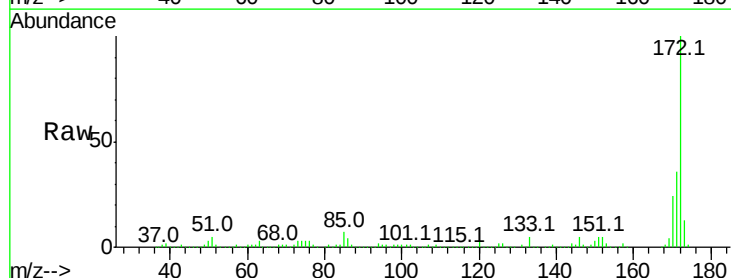


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

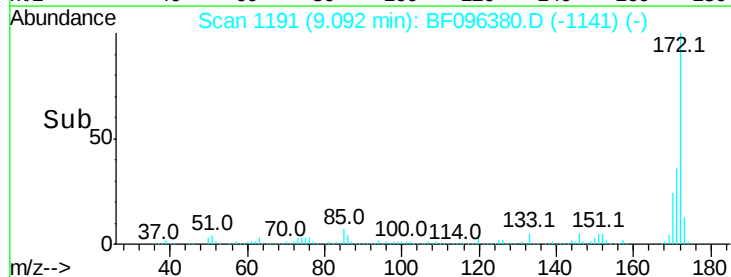
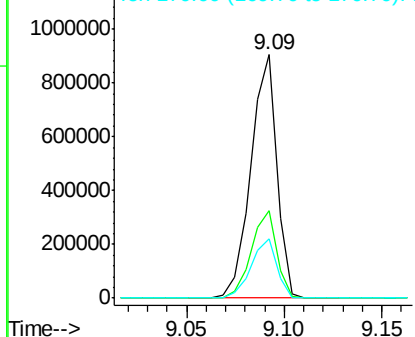


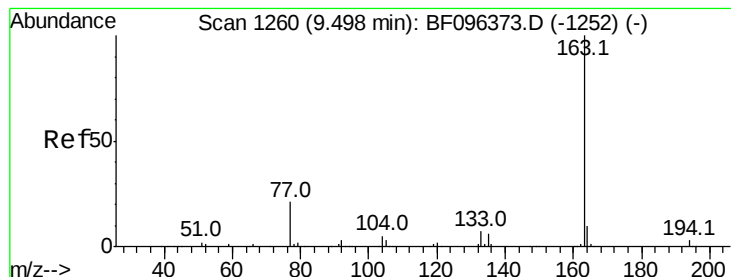
#44
 2-Fluorobiphenyl
 Concen: 30.51 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096380.D
 Acq: 1 Jul 2017 15:50

Tgt Ion:172 Resp: 833594
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 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





#49

Dimethylphthalate

Concen: 5.79 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

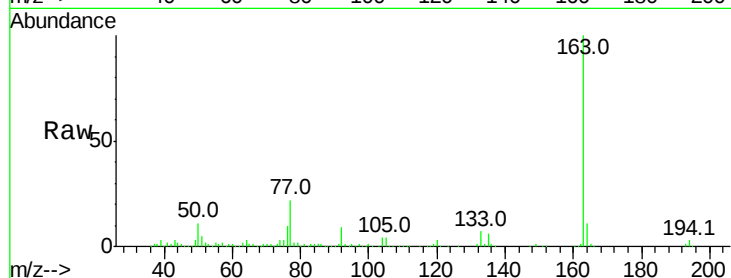
Tot Ion:163 Resp: 202054

Ion Ratio Lower Upper

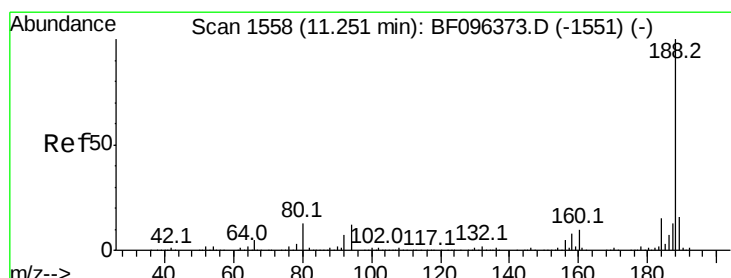
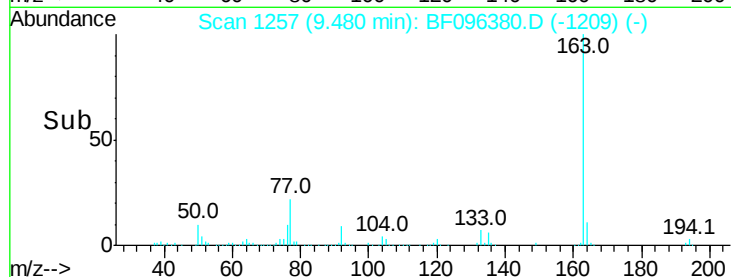
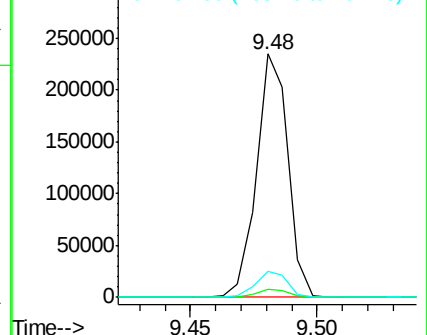
163 100

194 3.2 2.6 4.0

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

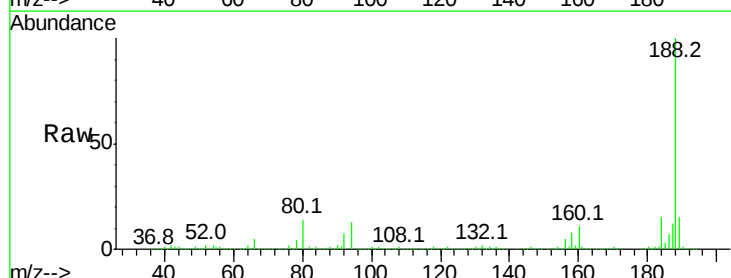
Tgt Ion:188 Resp: 756539

Ion Ratio Lower Upper

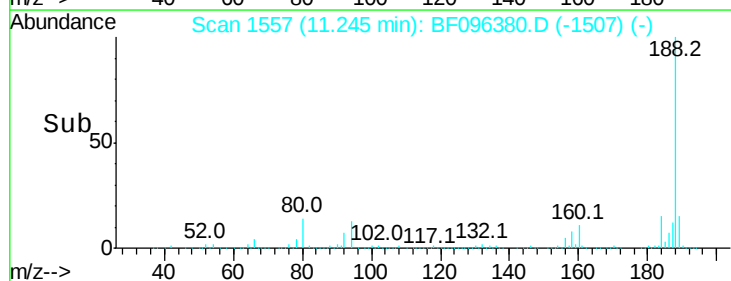
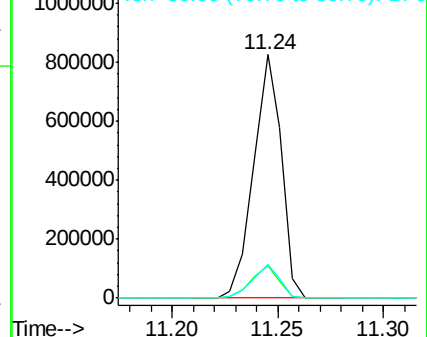
188 100

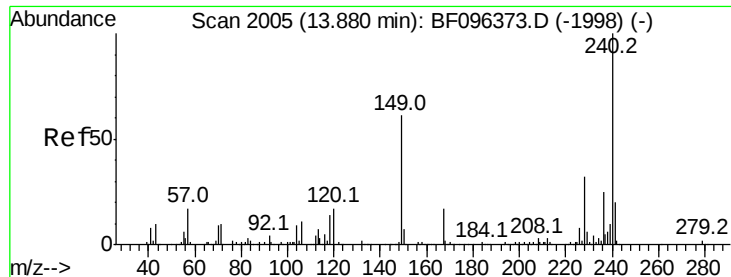
94 13.4 9.4 14.2

80 14.0 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: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

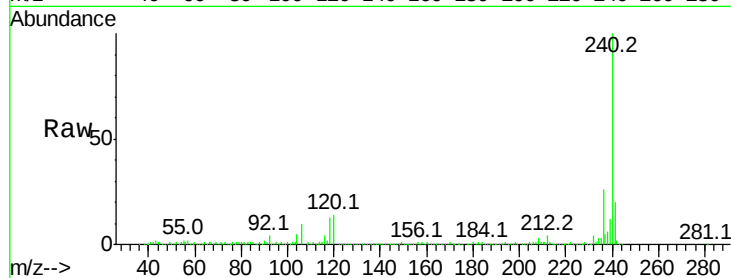
Tot Ion:240 Resp: 470423

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

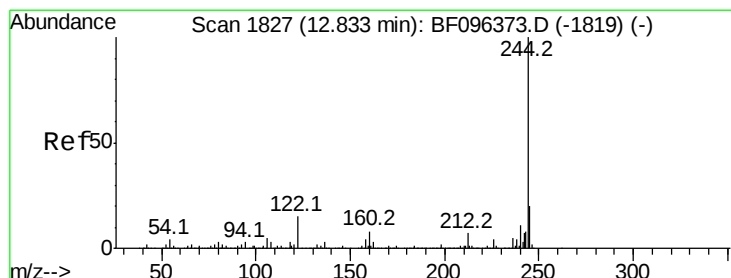
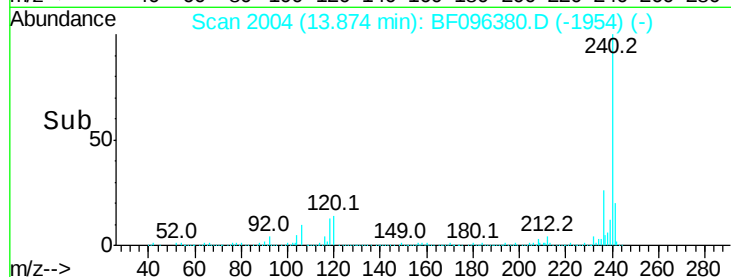
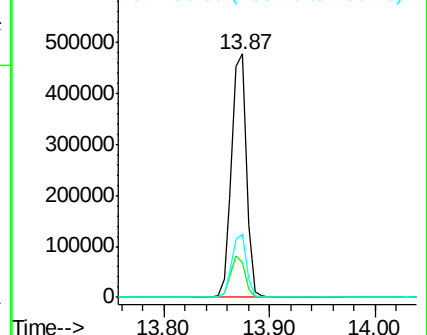
236 26.0 20.5 30.7



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: 25.90 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

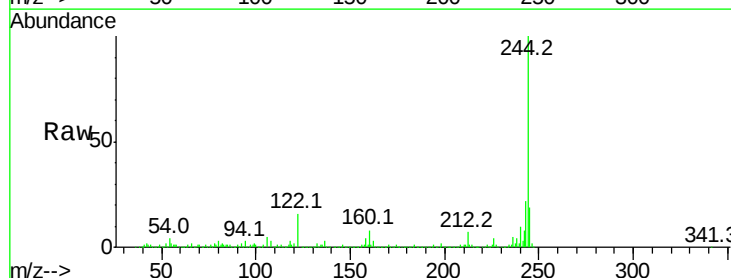
Tgt Ion:244 Resp: 570161

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

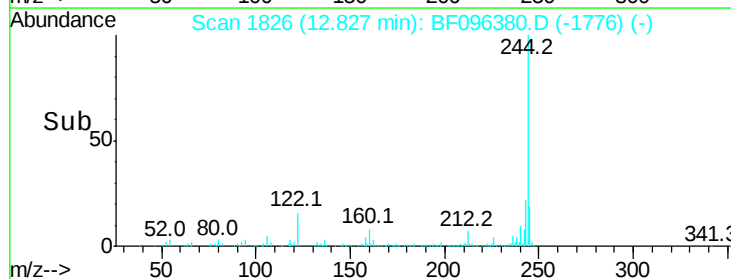
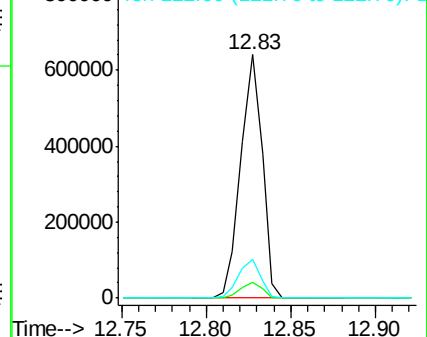
122 15.8 10.3 15.5#

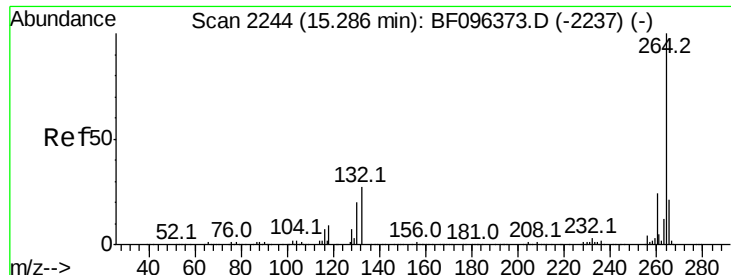


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

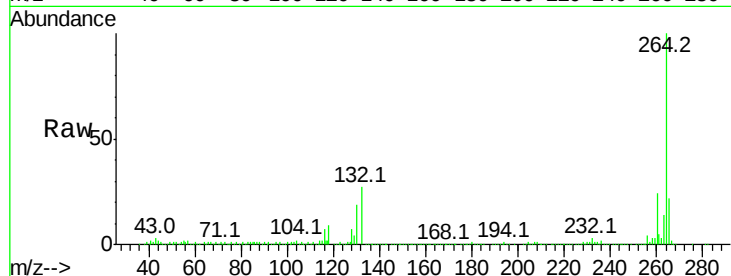




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF096380.D
Acq: 1 Jul 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	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

