

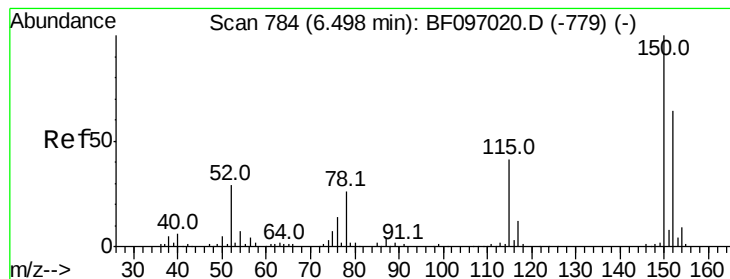
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097320.D
 Acq On : 3 Aug 2017 14:43
 Operator : SJ/JU
 Sample : I4493-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 15:07:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	103303	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	398738	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	184933	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	254507	20.00	ng	-0.01
75) Chrysene-d12	13.57	240	196857	20.00	ng	-0.01
86) Perylene-d12	14.92	264	155108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	537077	78.38	ng	0.01
7) Phenol-d6	6.12	99	537869	68.75	ng	-0.01
23) Nitrobenzene-d5	7.02	82	417534	61.43	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	113598	77.75	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	644326	59.13	ng	0.00
78) Terphenyl-d14	12.53	244	421727	43.68	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	56717	11.014	ng	# 88
25) Isophorone	7.02	82	417530	31.367	ng	# 67
49) Dimethylphthalate	9.48	163	53914	3.839	ng	# 1
50) 2,6-Dinitrotoluene	9.47	165	22868	7.678	ng	# 32
56) 2,4-Dinitrotoluene	9.47	165	22868	6.679	ng	# 32
66) 4-Bromophenyl-phenylether	10.26	248	7054	2.777	ng	# 1

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

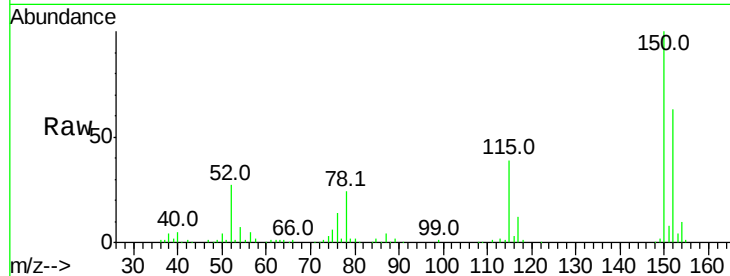


#1

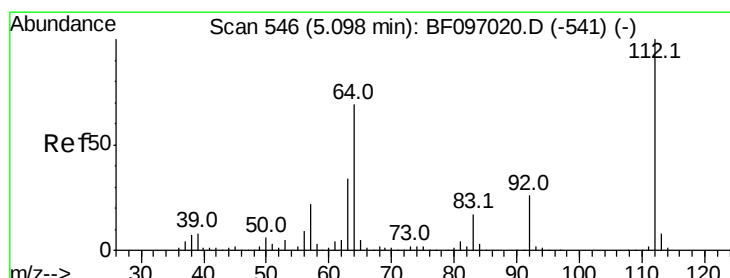
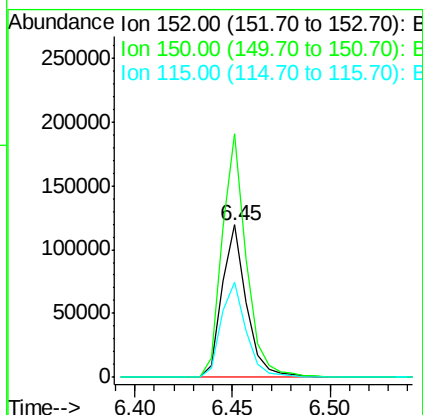
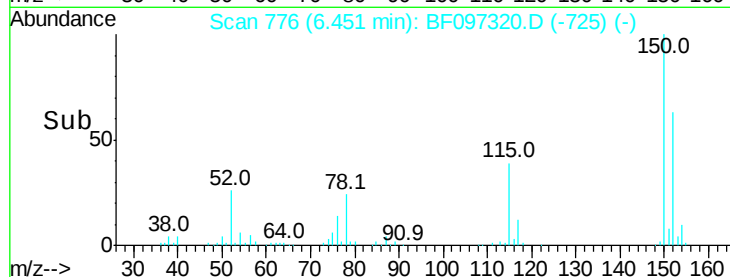
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF097320.D
Acq: 3 Aug 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103303
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 62.3 52.2 78.2



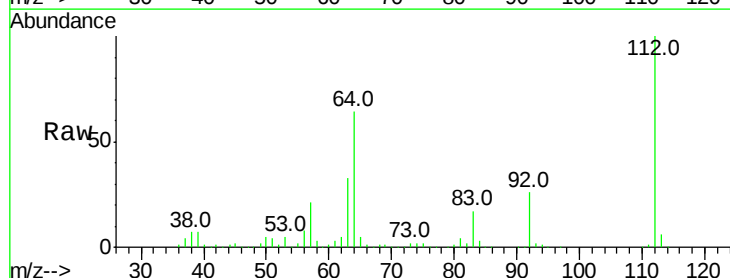
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



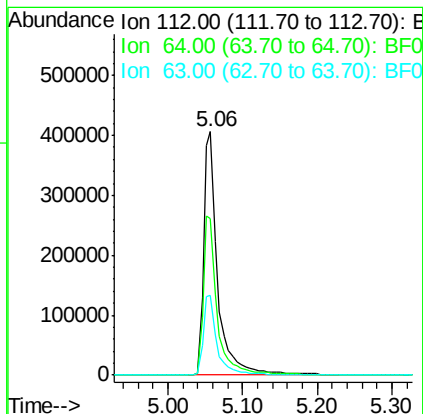
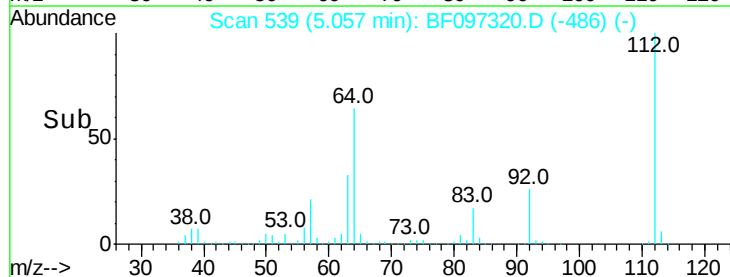
#5

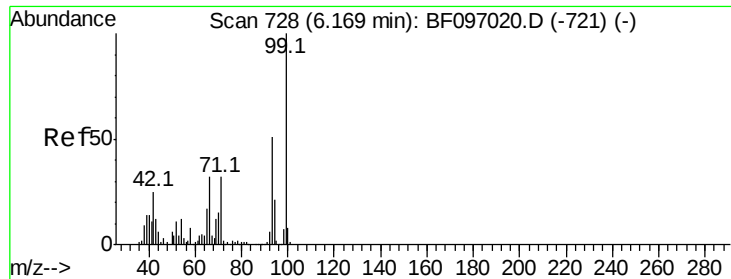
2-Fluorophenol
Concen: 78.375 ng
RT: 5.06 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF097320.D
Acq: 3 Aug 2017 14:43

Tgt Ion:112 Resp: 537077
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 32.6 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: 68.754 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Instrument :

BNA_F

ClientSampleId :

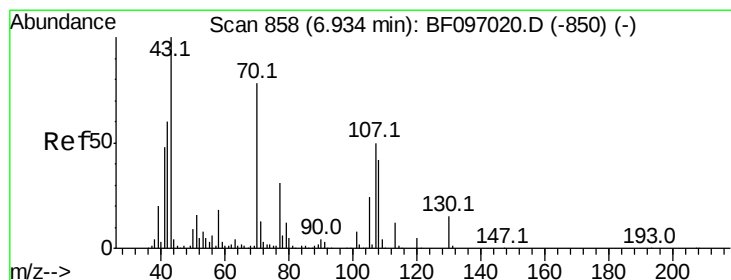
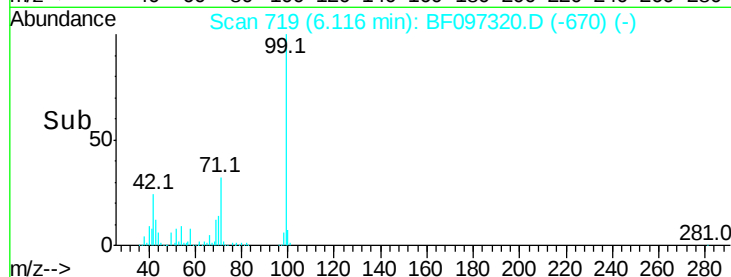
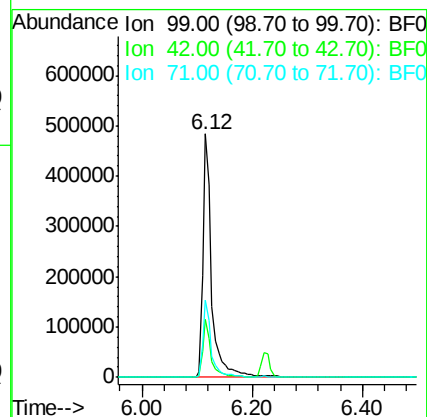
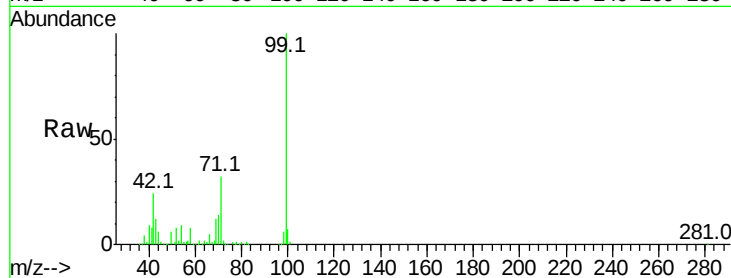
Tot Ion: 99 Resp: 537869

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

71 31.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.014 ng

RT: 7.02 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Tgt Ion: 70 Resp: 56717

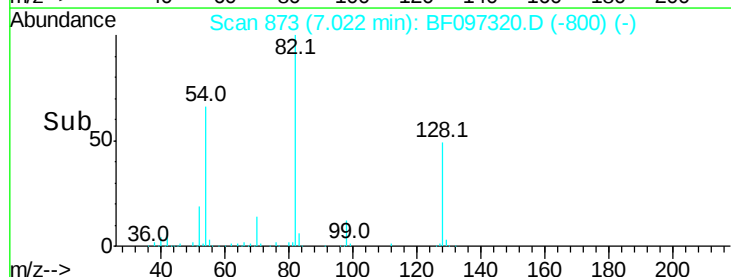
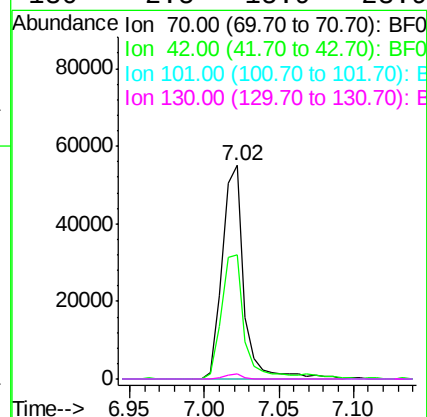
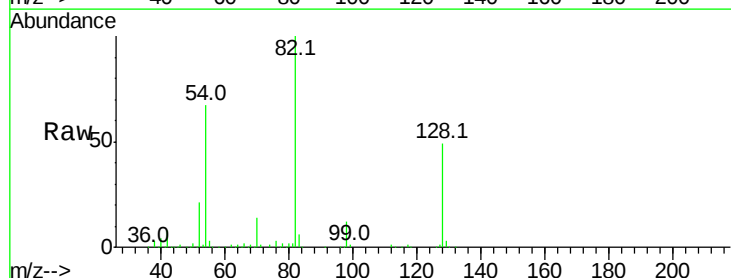
Ion Ratio Lower Upper

70 100

42 58.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398738

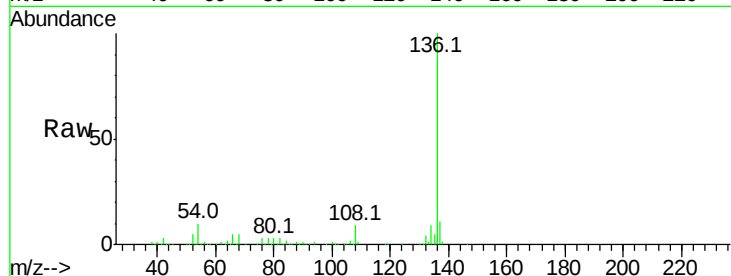
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.0 4.9 7.3#

68 5.5 4.1 6.1

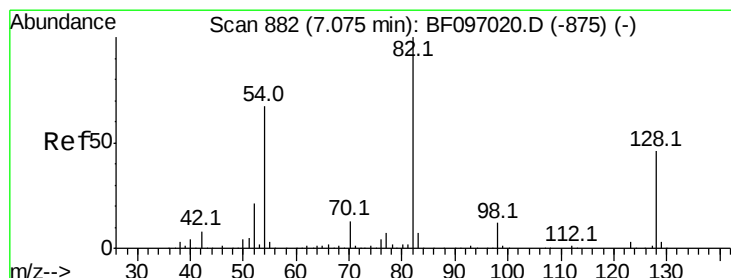
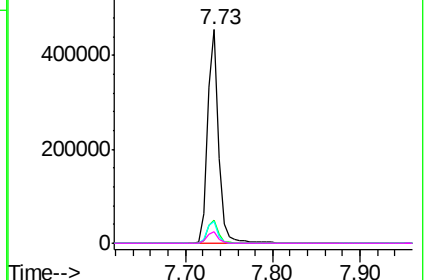
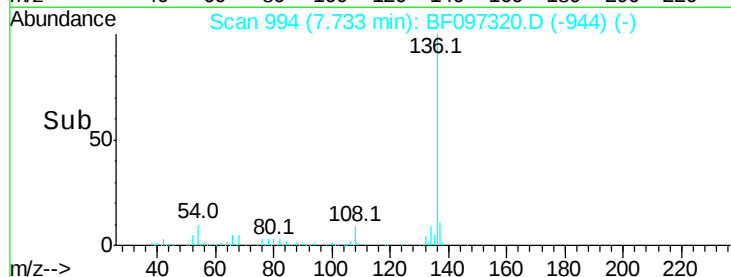


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.429 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

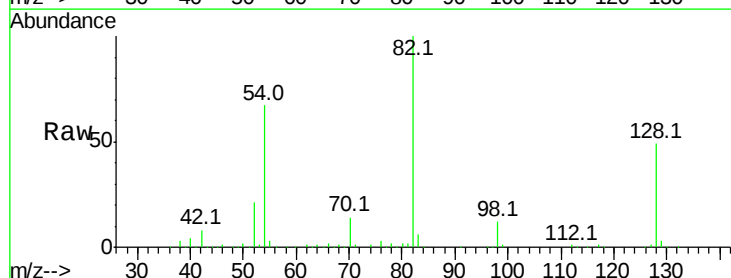
Tgt Ion: 82 Resp: 417534

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

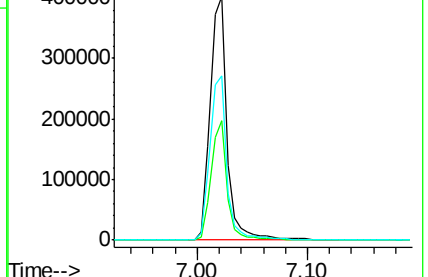
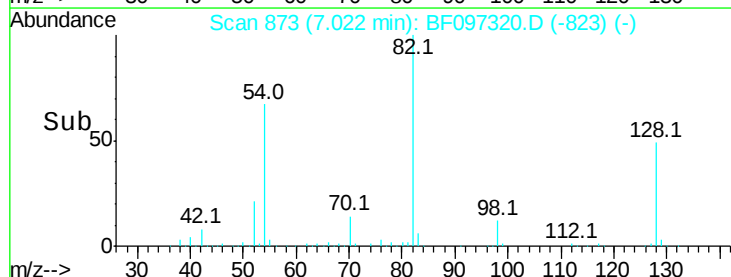
54 67.2 42.2 63.2#

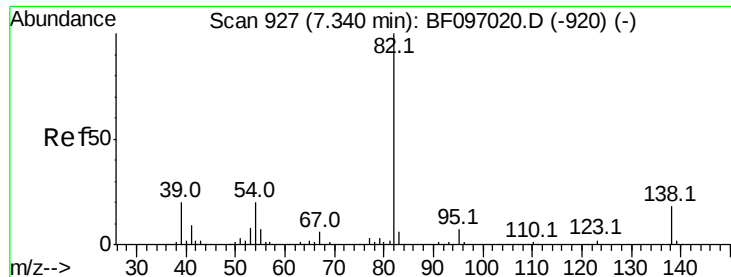


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.367 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.27 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Instrument :

BNA_F

ClientSampled :

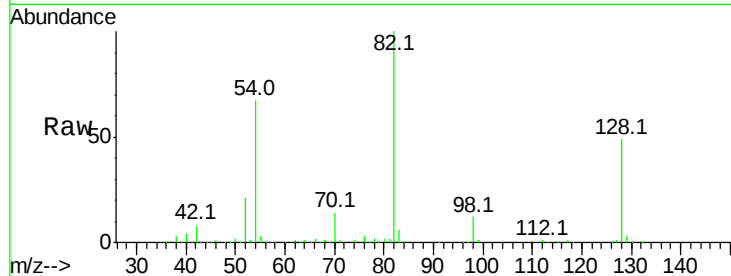
Tot Ion: 82 Resp: 417530

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

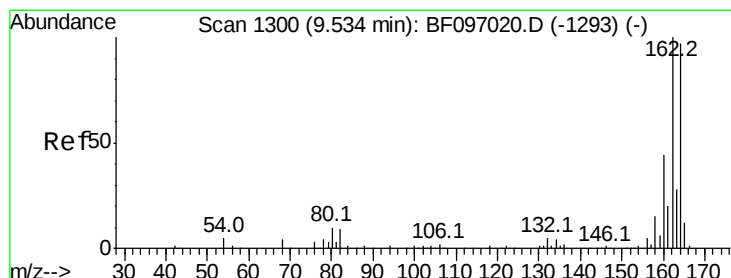
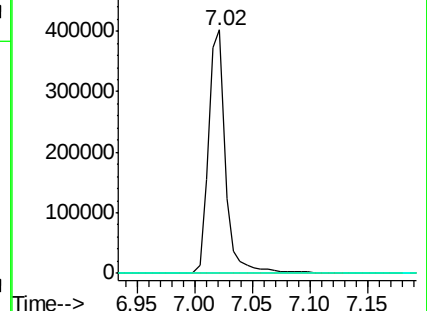
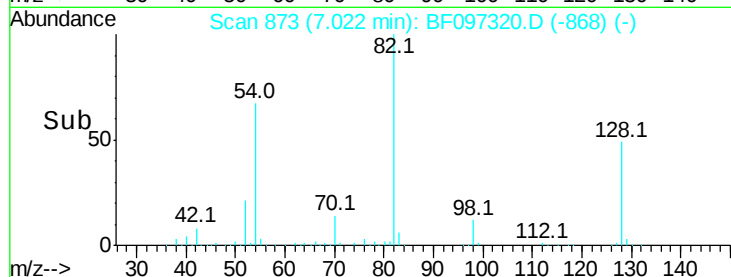
138 0.0 13.1 19.7#



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: 9.47 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

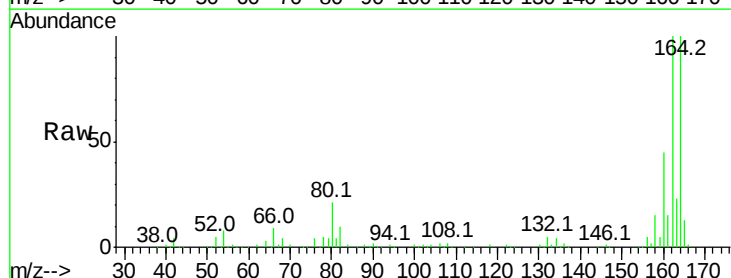
Tgt Ion:164 Resp: 184933

Ion Ratio Lower Upper

164 100

162 100.1 82.6 123.8

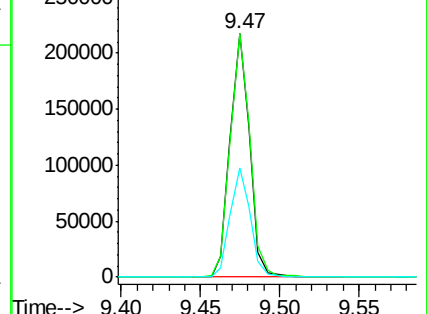
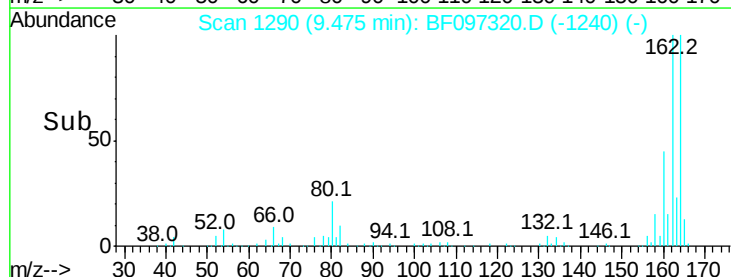
160 45.0 36.2 54.2

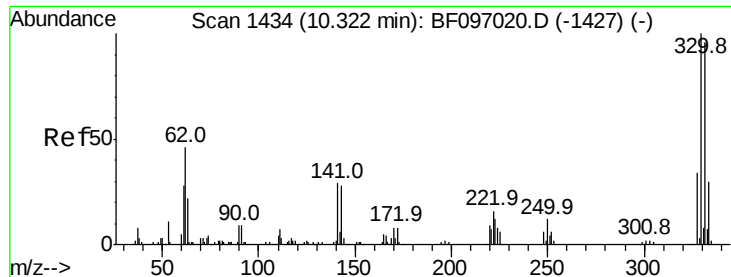


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

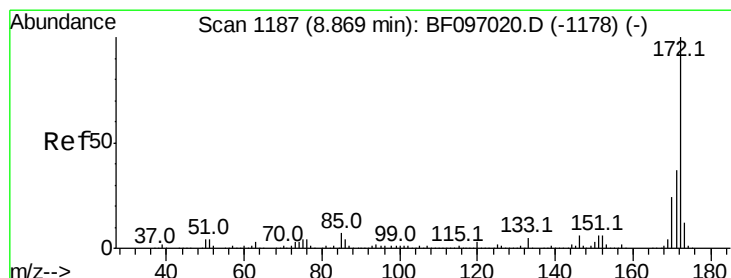
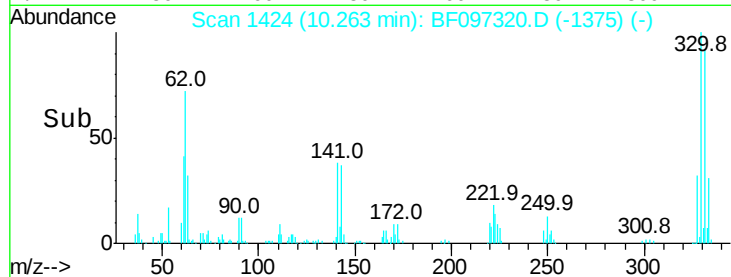
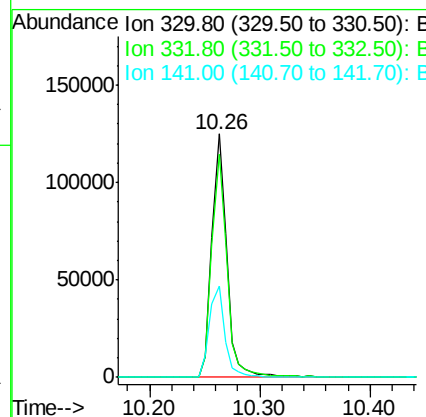
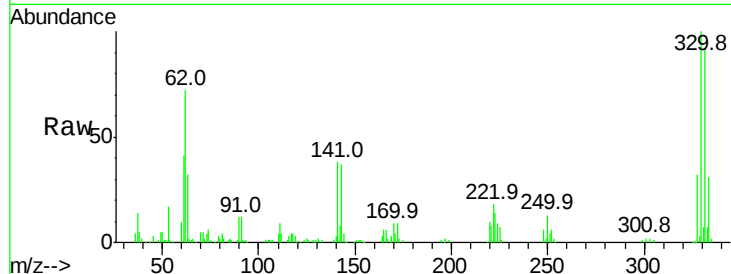




#41
 2,4,6-Tribromophenol
 Concen: 77.746 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

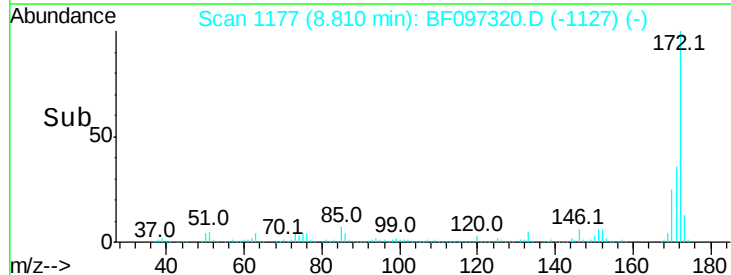
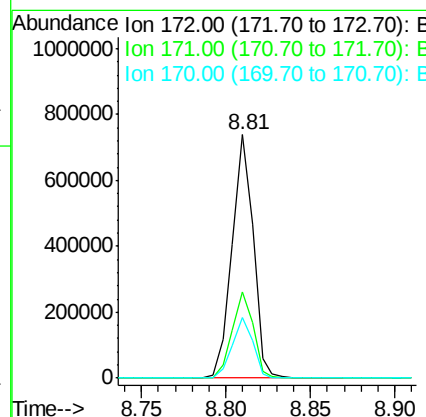
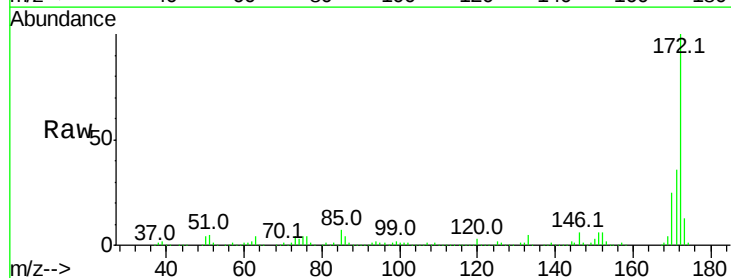
Instrument :
 BNA_F
 ClientSampled :

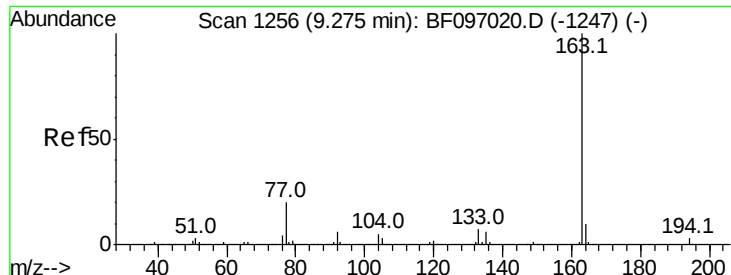
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	39.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 59.129 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.6	19.8	29.8

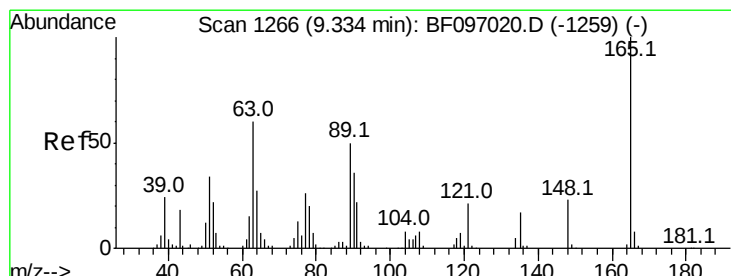
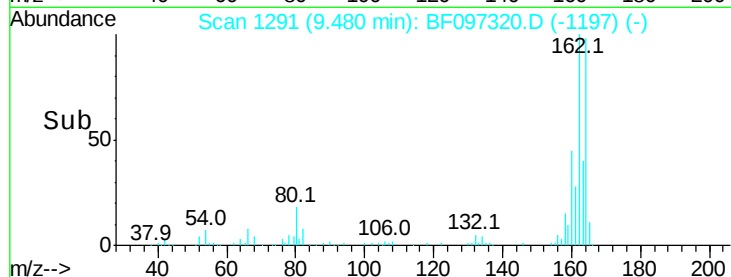
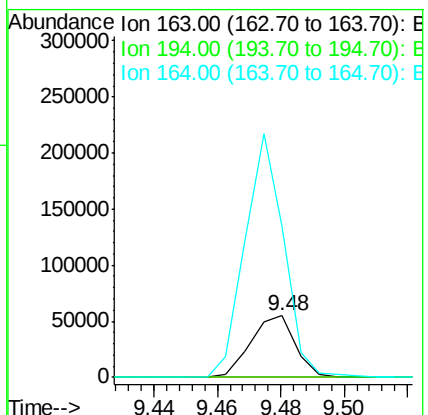
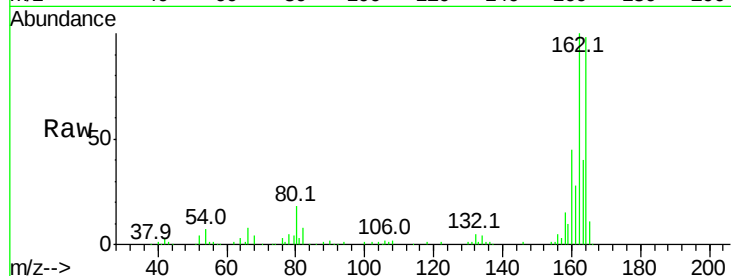




#49
Dimethylphthalate
Concen: 3.839 ng
RT: 9.48 min Scan# 1291
Delta R.T. 0.25 min
Lab File: BF097320.D
Acq: 3 Aug 2017 14:43

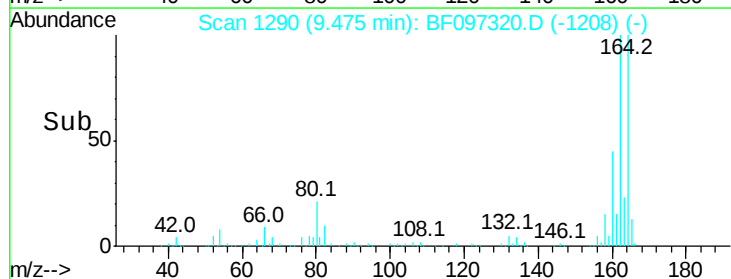
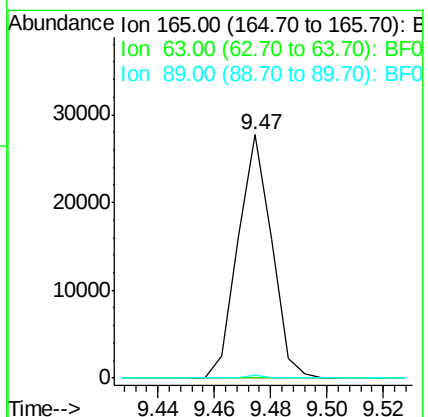
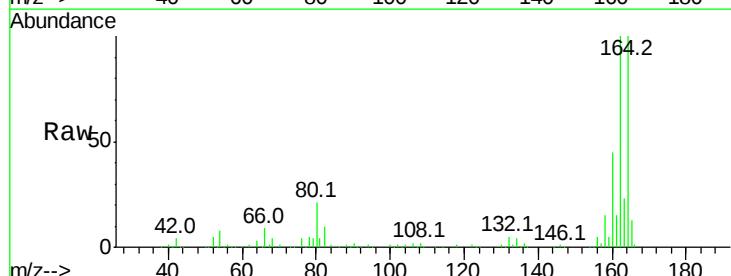
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 53914
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 246.9 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.678 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.18 min
Lab File: BF097320.D
Acq: 3 Aug 2017 14:43

Tgt Ion:165 Resp: 22868
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.1 37.1 55.7#

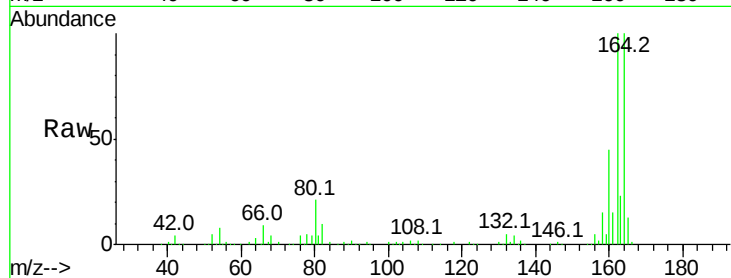




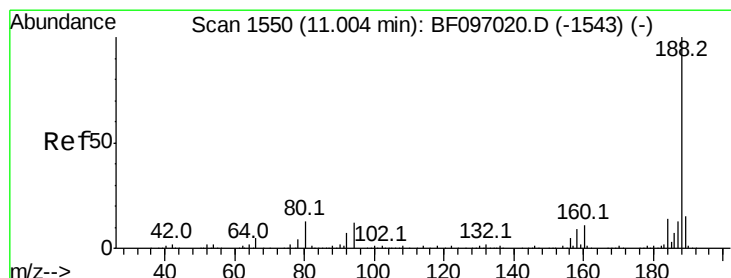
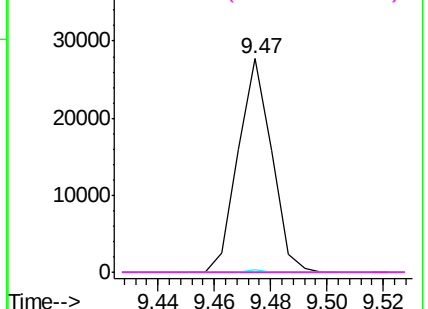
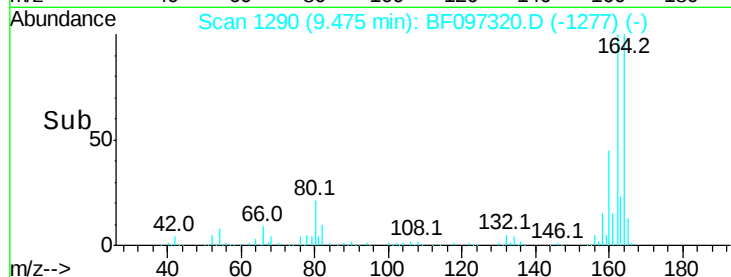
#56
 2,4-Dinitrotoluene
 Concen: 6.679 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.22 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22868
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

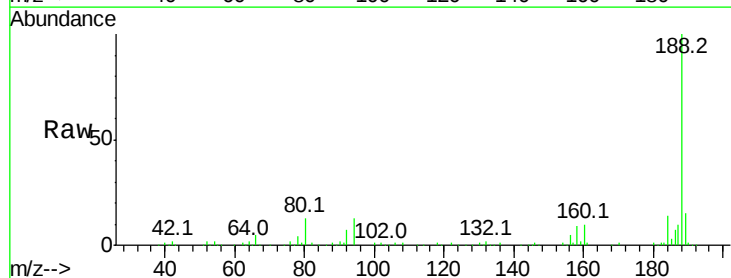


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

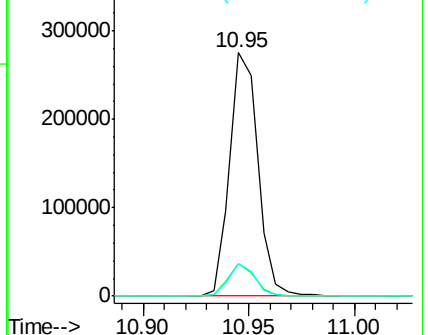
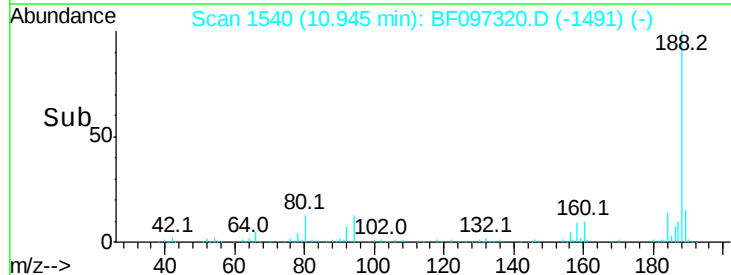


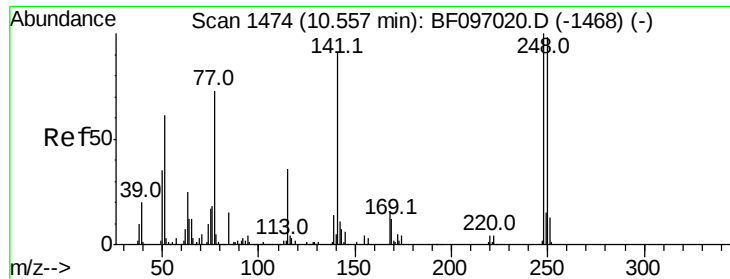
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Tgt Ion:188 Resp: 254507
 Ion Ratio Lower Upper
 188 100
 94 13.1 9.4 14.2
 80 13.4 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

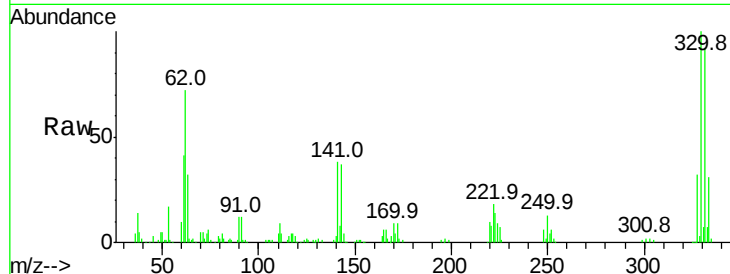




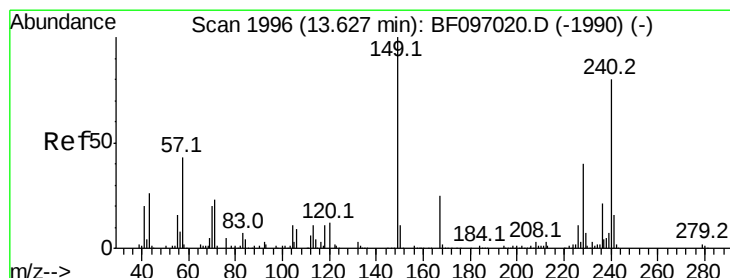
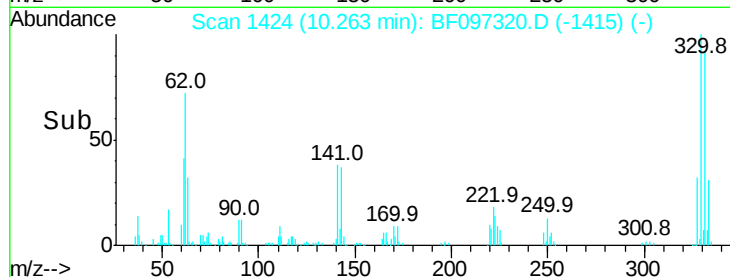
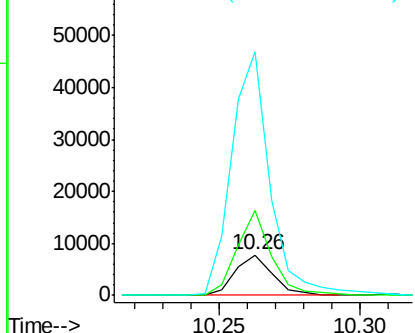
#66
 4-Bromophenyl-phenylether
 Concen: 2.777 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7054
 Ion Ratio Lower Upper
 248 100
 250 212.7 76.8 115.2#
 141 607.5 68.6 103.0#

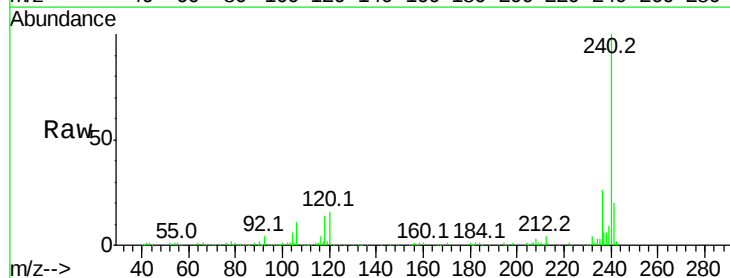


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

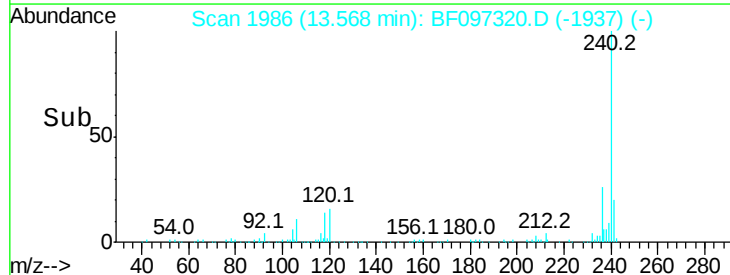
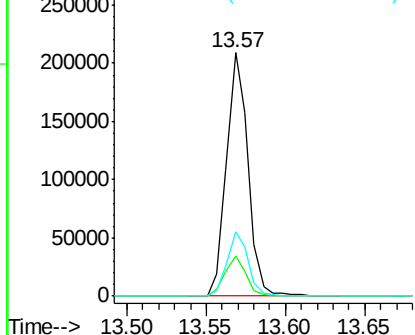


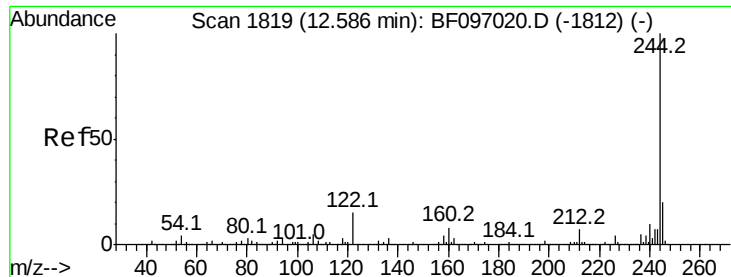
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Tgt Ion:240 Resp: 196857
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 26.5 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: 43.678 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Instrument :

BNA_F

ClientSampled :

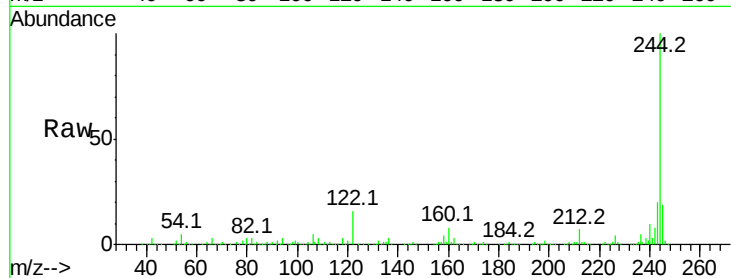
Tot Ion:244 Resp: 421727

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

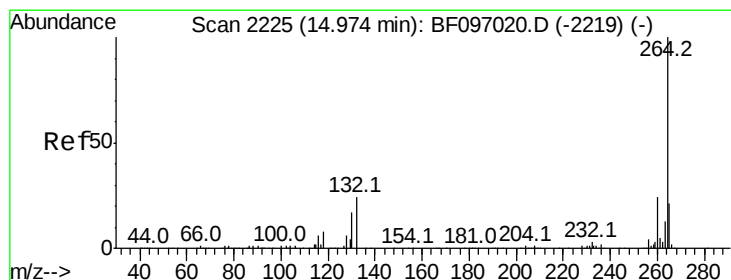
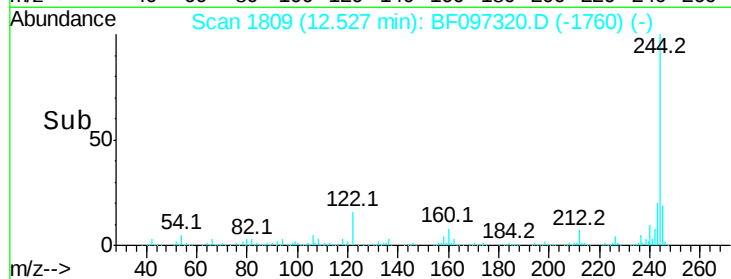
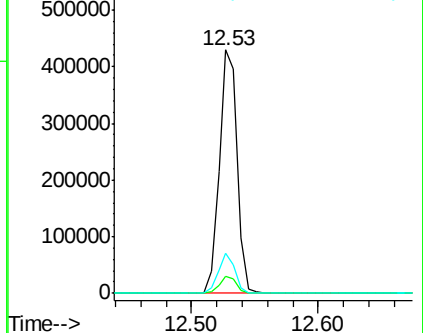
122 16.4 10.3 15.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 14.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

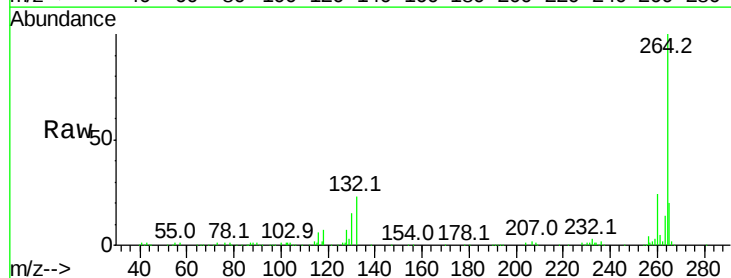
Tgt Ion:264 Resp: 155108

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.3 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

