

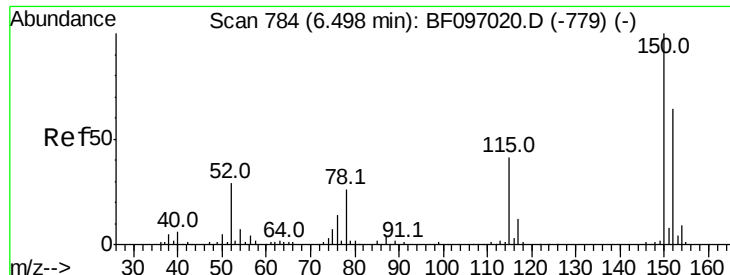
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097328.D
 Acq On : 3 Aug 2017 20:35
 Operator : SJ/JU
 Sample : I4599-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-A

Quant Time: Aug 04 01:07:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	114782	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	516708	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	224293	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	361766	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	245625	20.00	ng	-0.07
86) Perylene-d12	14.90	264	211580	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	800099	105.08	ng	-0.06
7) Phenol-d6	6.12	99	1003941	115.50	ng	-0.05
23) Nitrobenzene-d5	7.02	82	627273	71.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	175092	98.80	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	901455	68.21	ng	-0.06
78) Terphenyl-d14	12.52	244	593452	49.26	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	84718	14.807	ng	# 87
25) Isophorone	7.02	82	613010	35.538	ng	# 67
49) Dimethylphthalate	9.20	163	182738	10.729	ng	100
56) 2,4-Dinitrotoluene	9.46	165	28214	6.794	ng	# 33
66) 4-Bromophenyl-phenylether	10.25	248	11412	3.161	ng	# 1

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

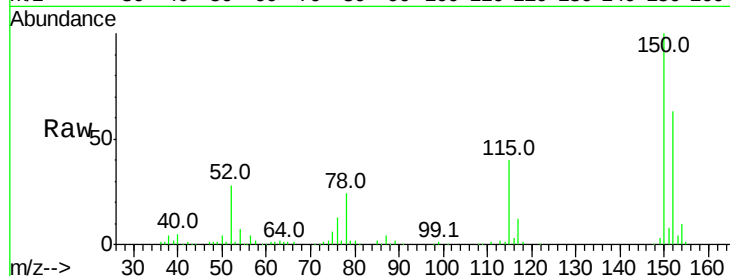


#1

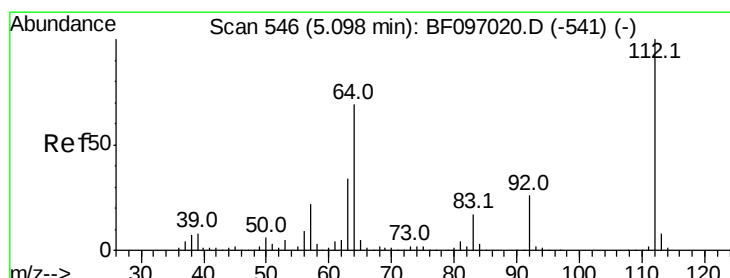
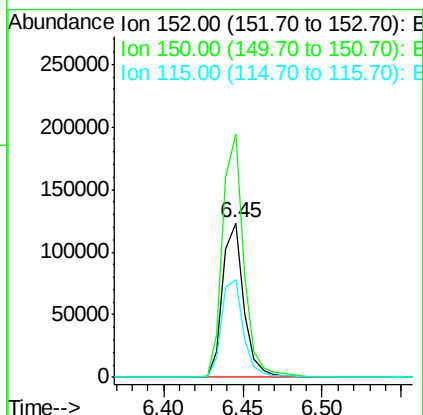
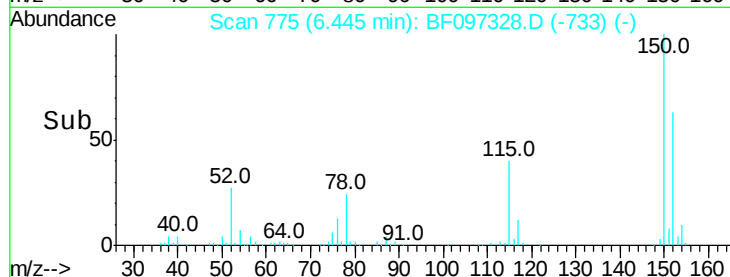
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF097328.D
 Acq: 3 Aug 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-A

Tot Ion:152 Resp: 114782
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 63.3 52.2 78.2



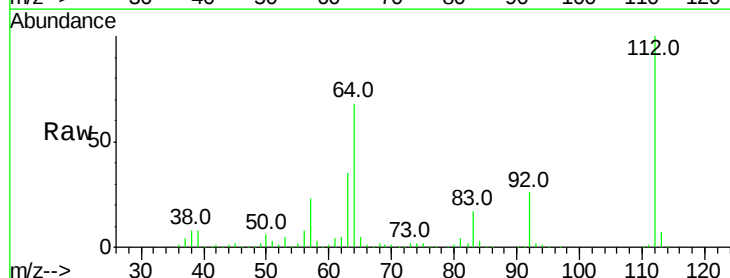
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



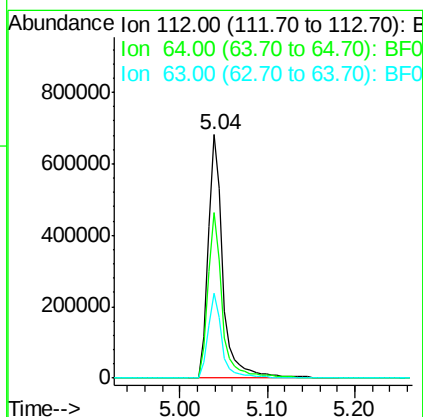
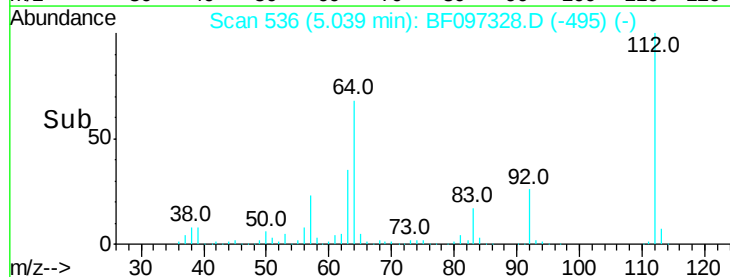
#5

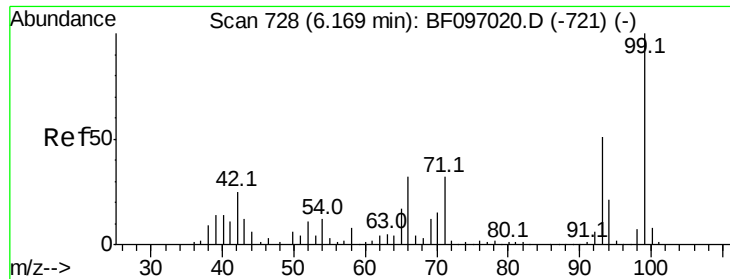
2-Fluorophenol
 Concen: 105.081 ng
 RT: 5.04 min Scan# 536
 Delta R.T. -0.06 min
 Lab File: BF097328.D
 Acq: 3 Aug 2017 20:35

Tgt Ion:112 Resp: 800099
 Ion Ratio Lower Upper
 112 100
 64 67.9 46.0 69.0
 63 34.7 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: 115.496 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-A

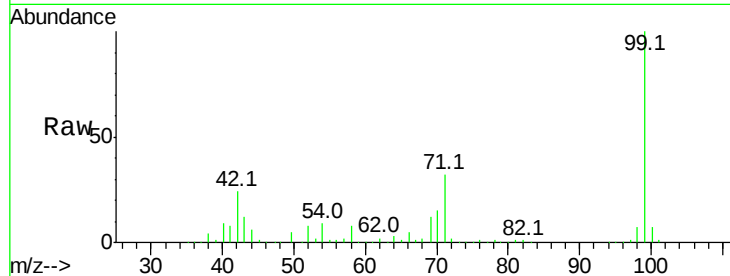
Tot Ion: 99 Resp: 1003941

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

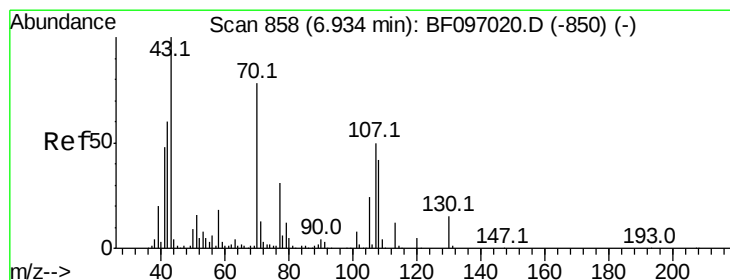
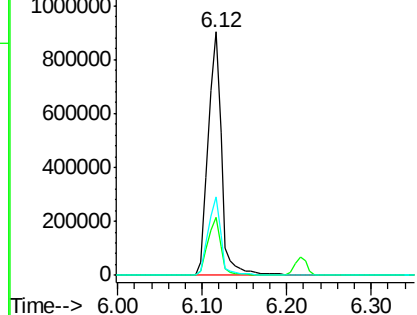
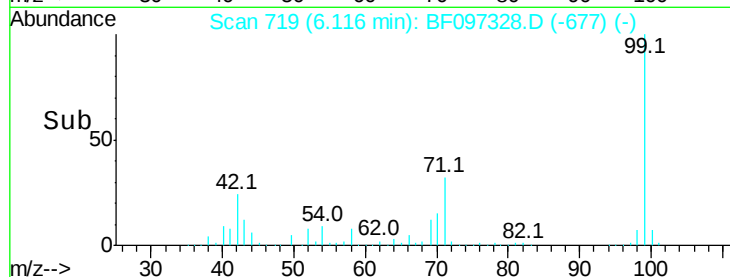
71 32.3 24.5 36.7



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: 14.807 ng

RT: 7.02 min Scan# 872

Delta R.T. 0.08 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Tgt Ion: 70 Resp: 84718

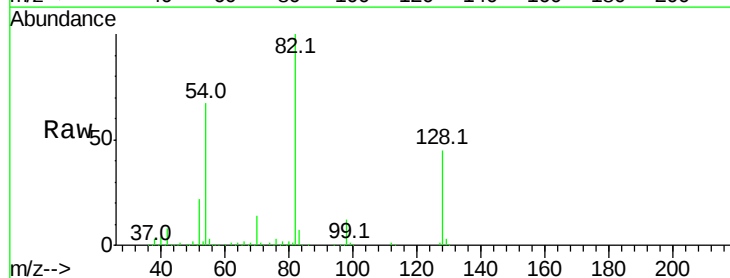
Ion Ratio Lower Upper

70 100

42 61.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

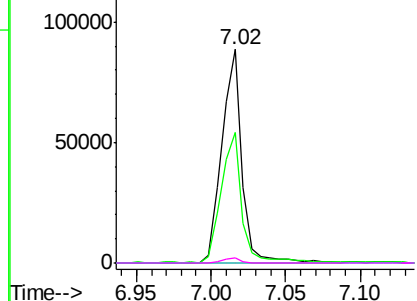
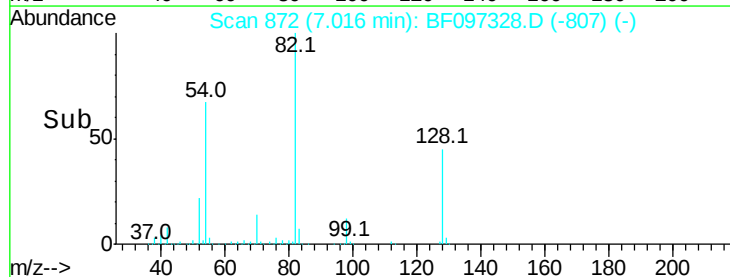


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-A

Tot Ion:136 Resp: 516708

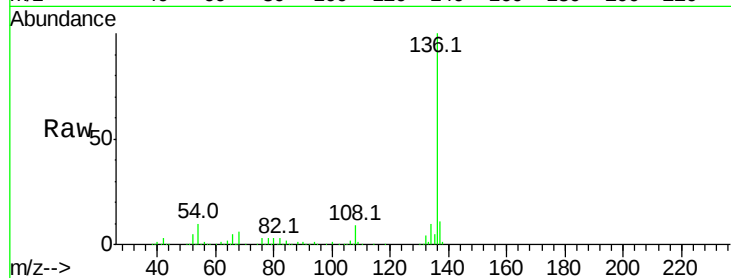
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.2 4.9 7.3#

68 5.6 4.1 6.1

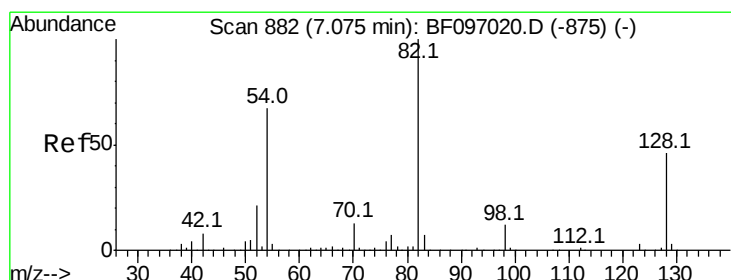
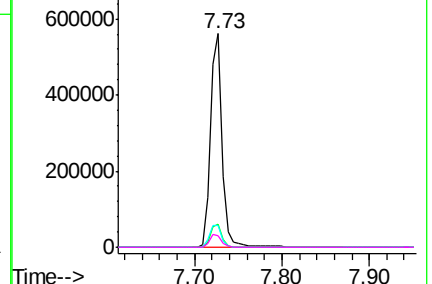
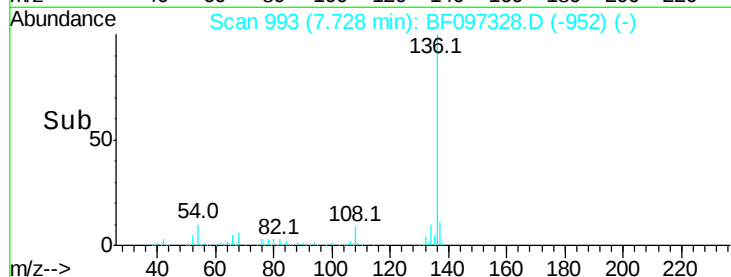


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.217 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.06 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

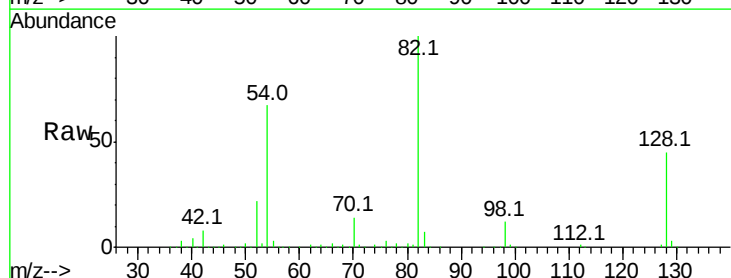
Tgt Ion: 82 Resp: 627273

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

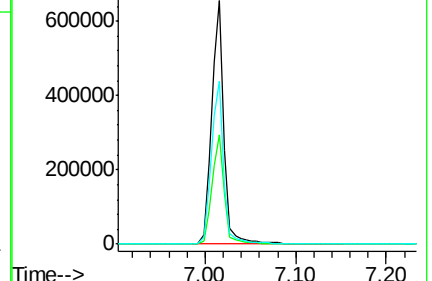
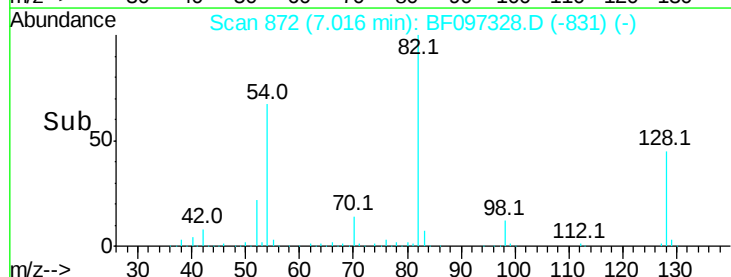
54 66.9 42.2 63.2#

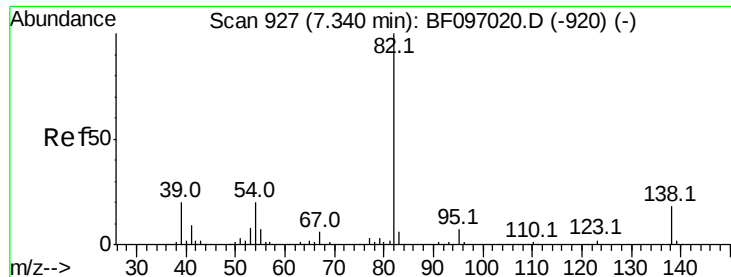


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.538 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.32 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-A

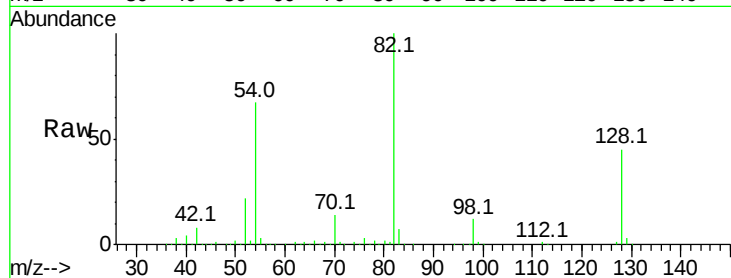
Tot Ion: 82 Resp: 613010

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

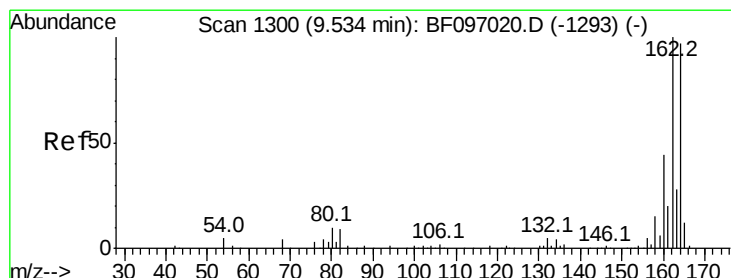
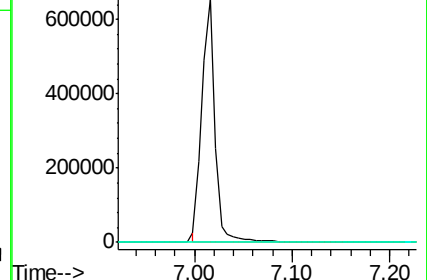
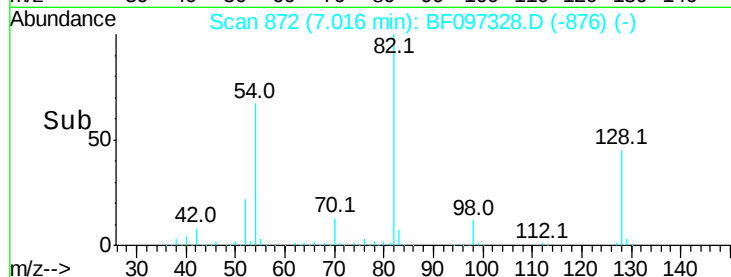
138 0.0 13.1 19.7#



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: 9.46 min Scan# 1288

Delta R.T. -0.07 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

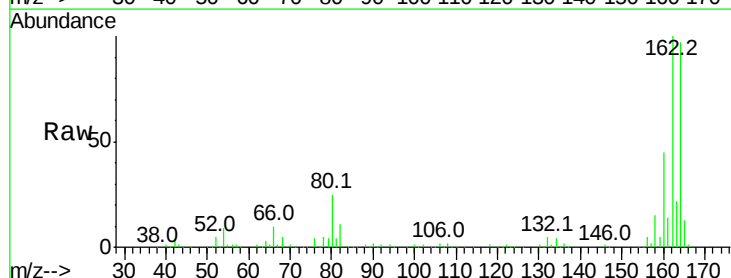
Tgt Ion:164 Resp: 224293

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

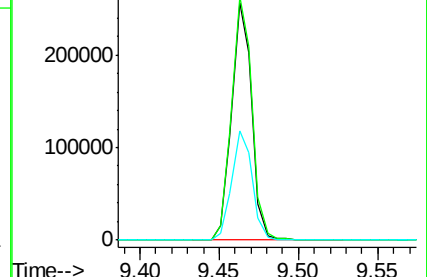
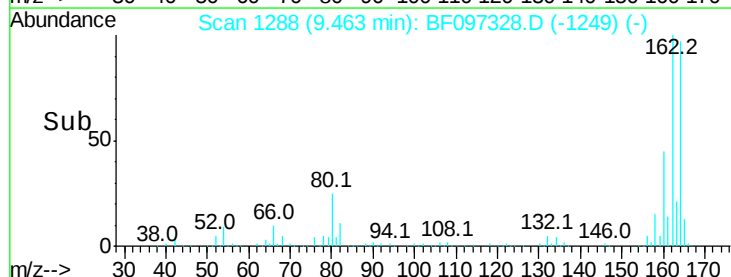
160 46.1 36.2 54.2

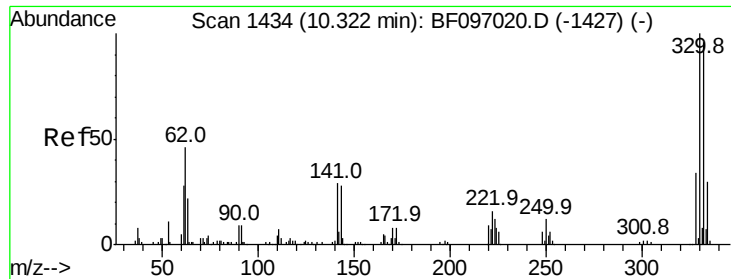


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

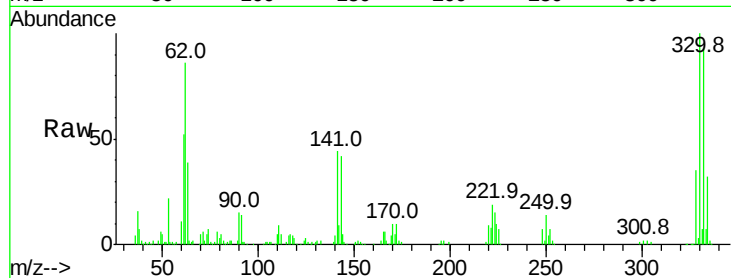




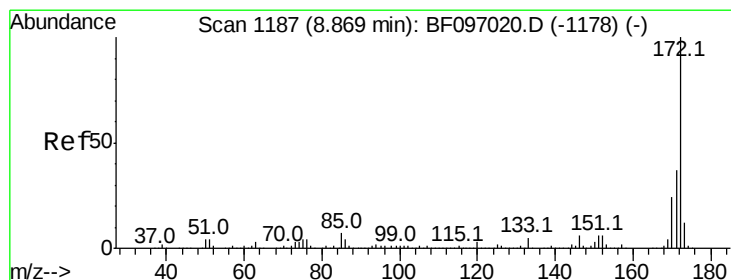
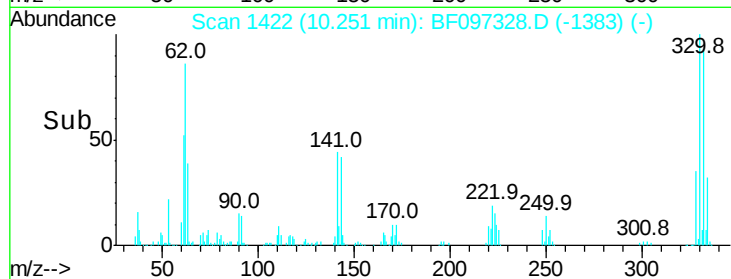
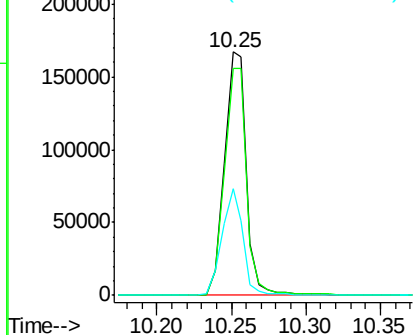
#41
 2,4,6-Tribromophenol
 Concen: 98.803 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.07 min
 Lab File: BF097328.D
 Acq: 3 Aug 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-A

Tot Ion:330 Resp: 175092
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 42.3 31.4 47.2

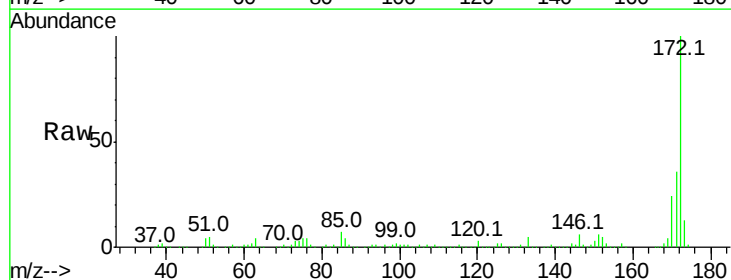


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

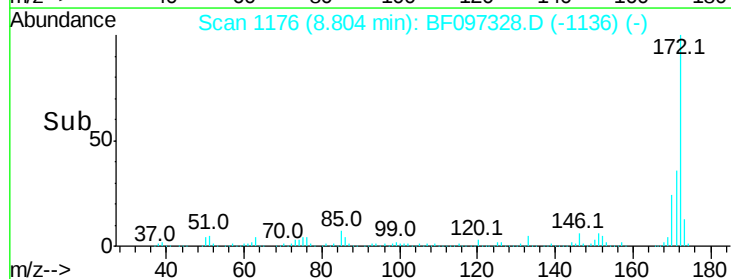
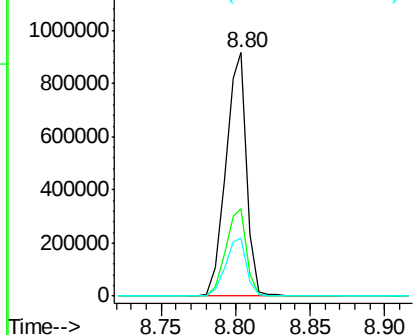


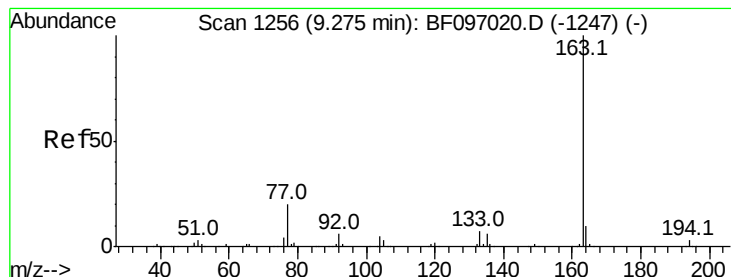
#44
 2-Fluorobiphenyl
 Concen: 68.208 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097328.D
 Acq: 3 Aug 2017 20:35

Tgt Ion:172 Resp: 901455
 Ion Ratio Lower Upper
 172 100
 171 36.2 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





#49

Dimethylphthalate

Concen: 10.729 ng

RT: 9.20 min Scan# 1243

Delta R.T. -0.08 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-A

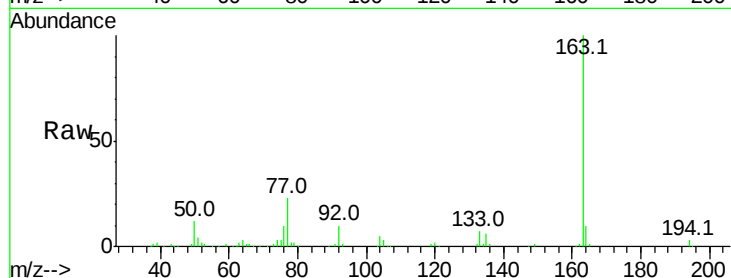
Tot Ion:163 Resp: 182738

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

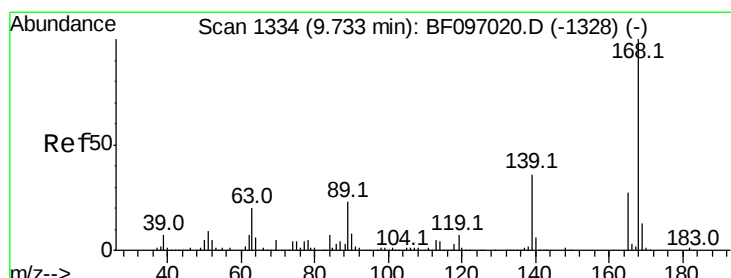
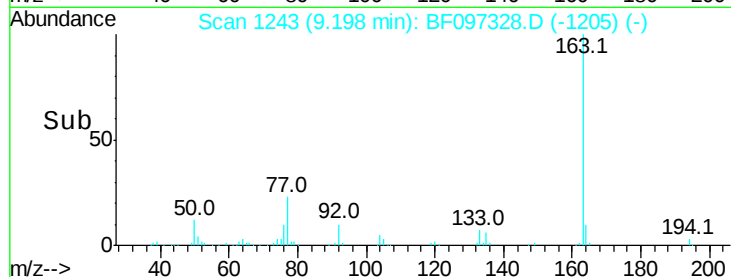
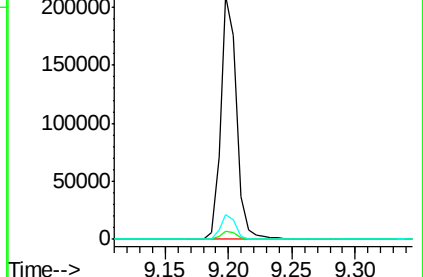
164 10.3 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.794 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.27 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Tgt Ion:165 Resp: 28214

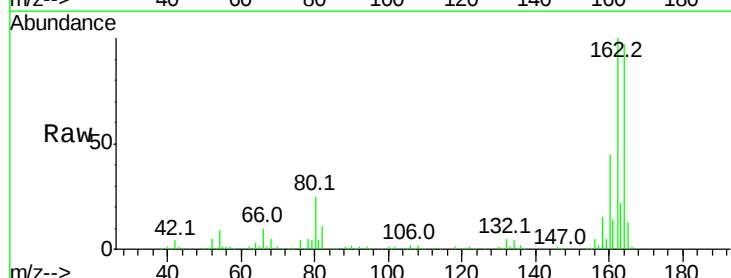
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

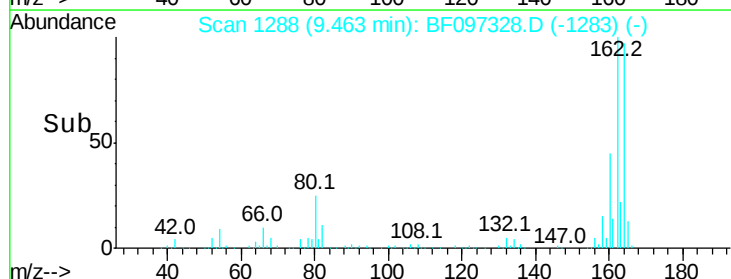
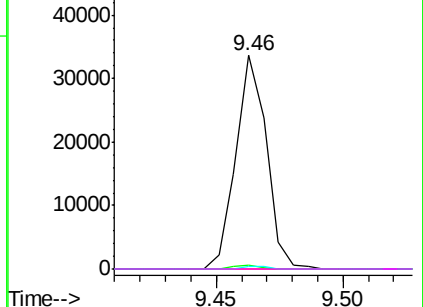


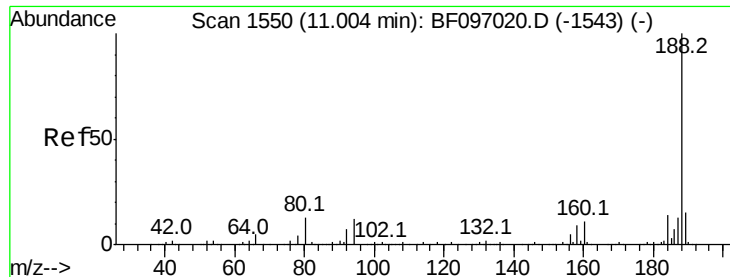
Abundance Ion 165.00 (164.70 to 165.70): E

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

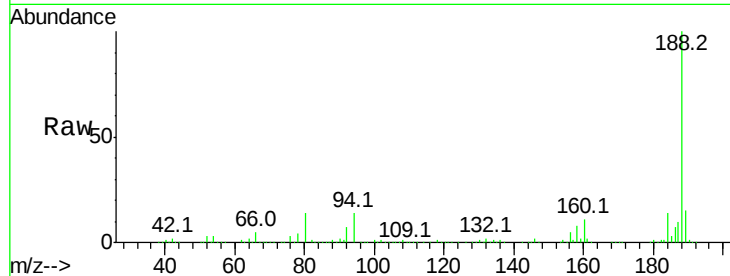




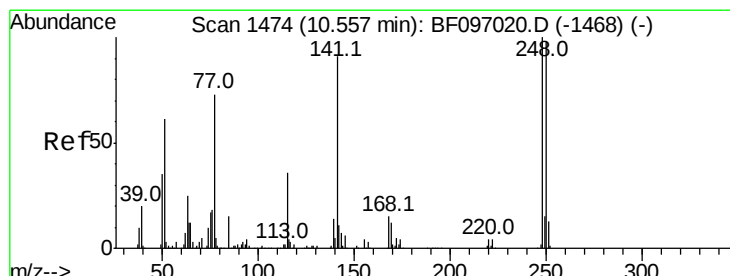
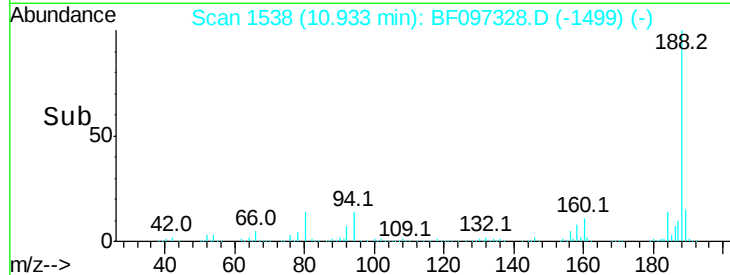
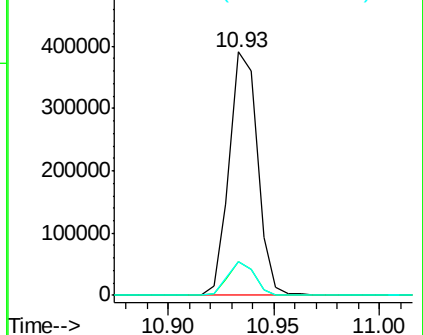
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1538
 Delta R.T. -0.07 min
 Lab File: BF097328.D
 Acq: 3 Aug 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-A

Tot Ion:188 Resp: 361766
 Ion Ratio Lower Upper
 188 100
 94 14.1 9.4 14.2
 80 13.9 10.2 15.2

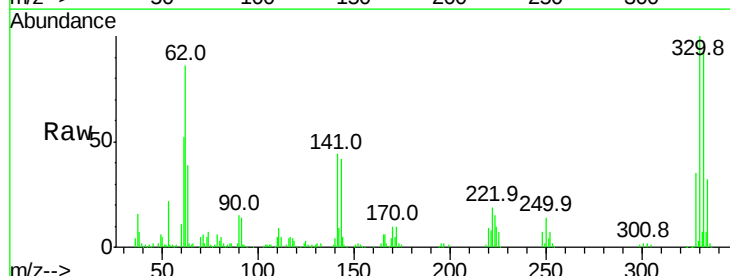


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

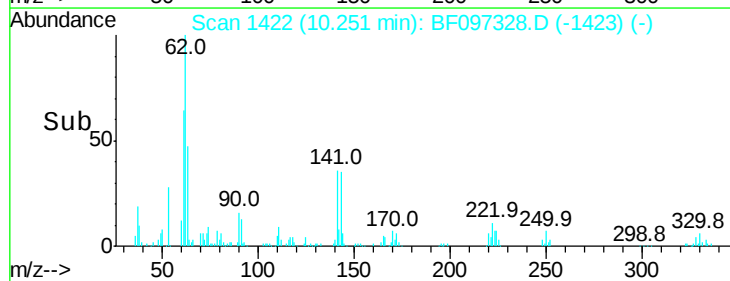
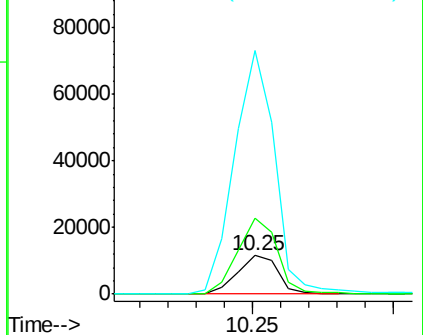


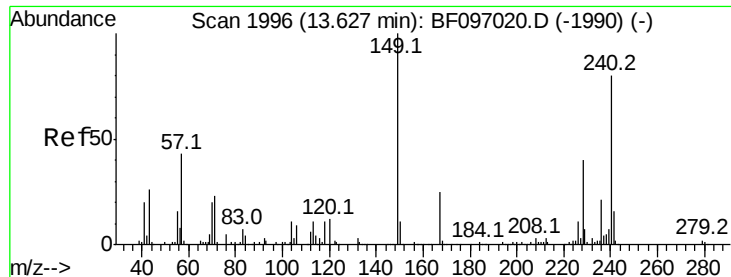
#66
 4-Bromophenyl-phenylether
 Concen: 3.161 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.31 min
 Lab File: BF097328.D
 Acq: 3 Aug 2017 20:35

Tgt Ion:248 Resp: 11412
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.8 115.2#
 141 634.1 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: 13.56 min Scan# 1984

Delta R.T. -0.07 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-A

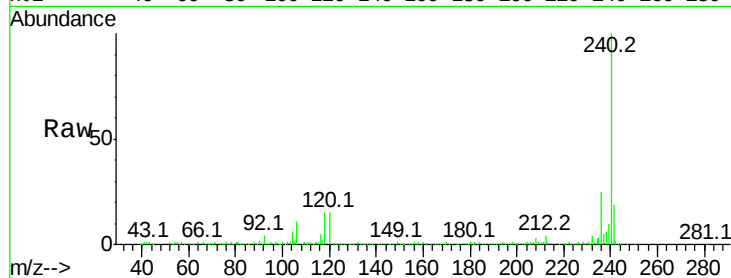
Tot Ion:240 Resp: 245625

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

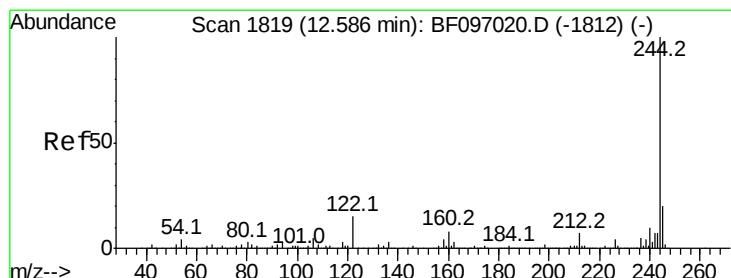
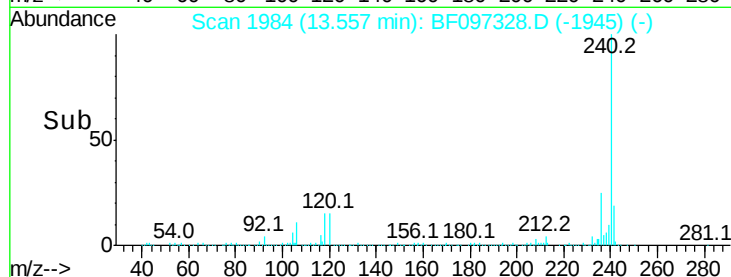
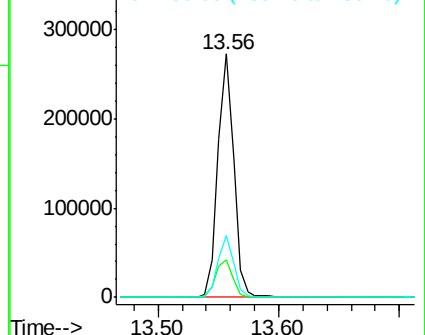
236 25.3 20.5 30.7



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: 49.261 ng

RT: 12.52 min Scan# 1808

Delta R.T. -0.06 min

Lab File: BF097328.D

Acq: 3 Aug 2017 20:35

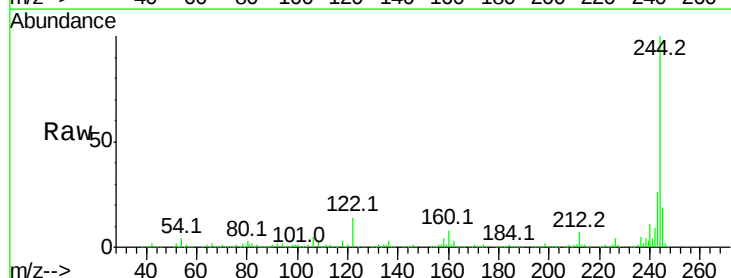
Tgt Ion:244 Resp: 593452

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

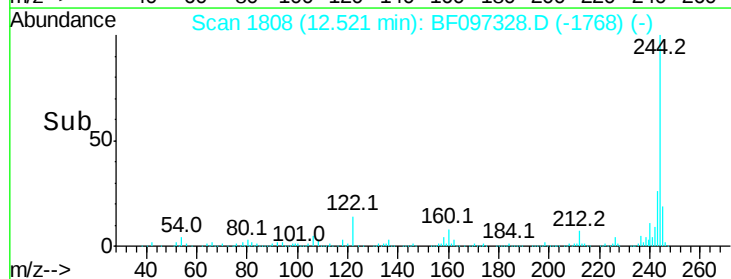
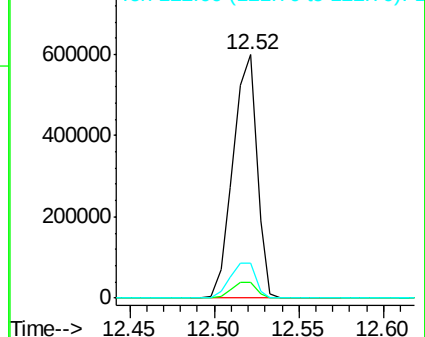
122 14.2 10.3 15.5

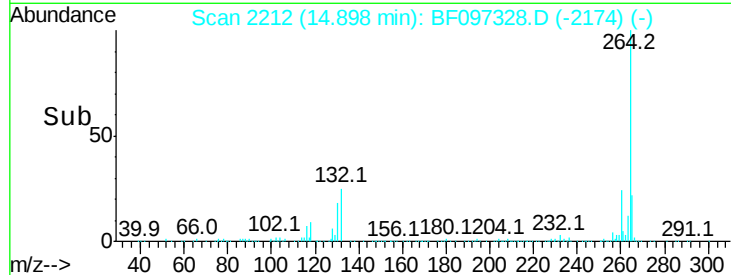
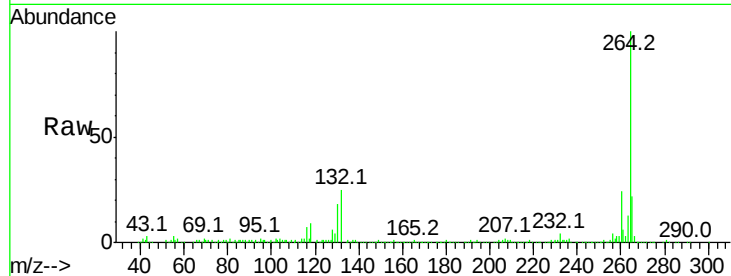
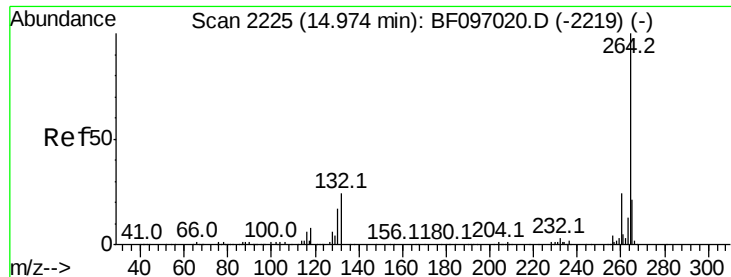


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.90 min Scan# 2212
Delta R.T. -0.08 min
Lab File: BF097328.D
Acq: 3 Aug 2017 20:35

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-A

Tot Ion:	264	Resp:	211580
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.2	25.8

