

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097427.D
 Acq On : 7 Aug 2017 14:04
 Operator : SJ/JU
 Sample : PB101225BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101225BL

Quant Time: Aug 07 15:40:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

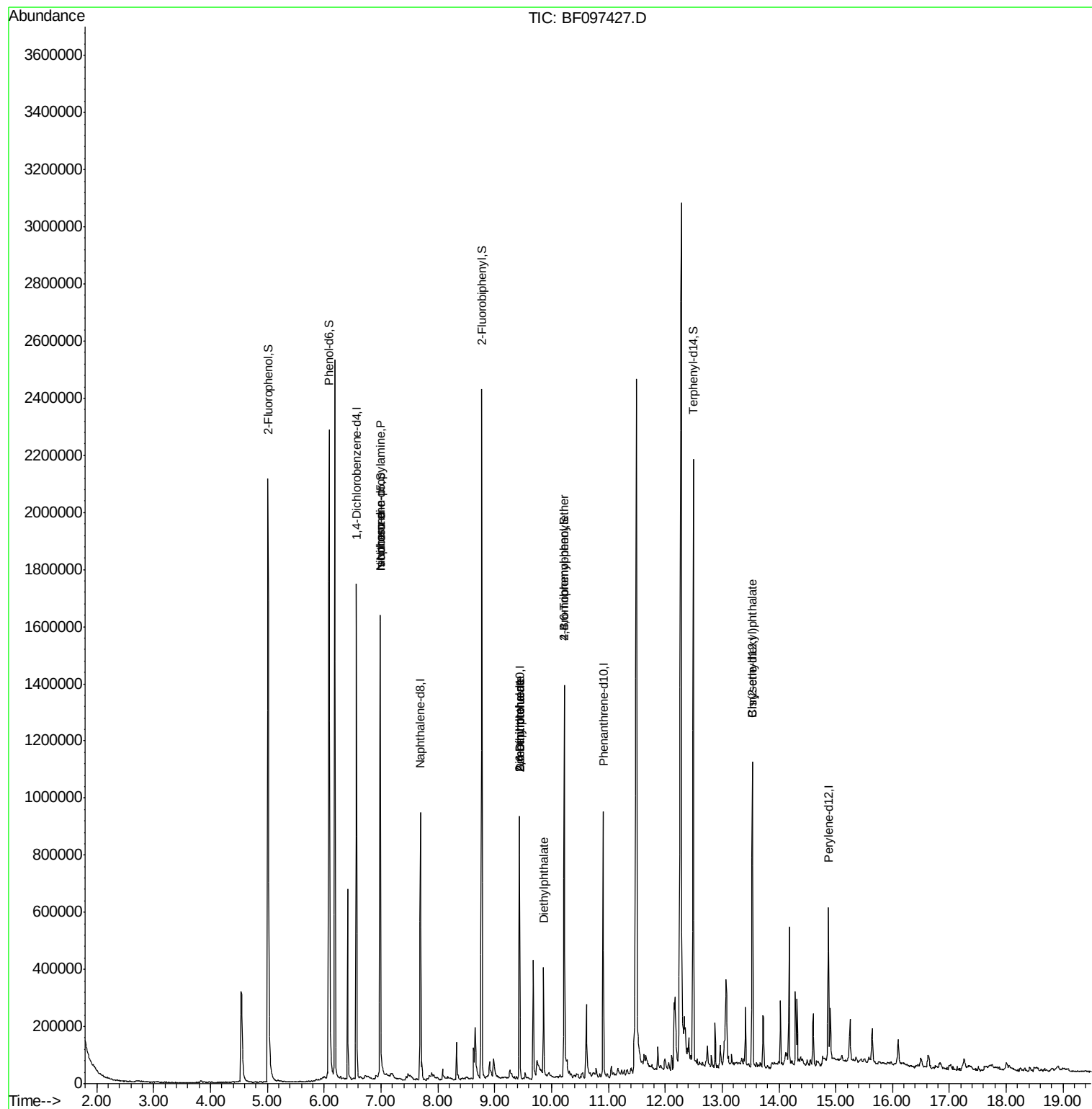
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	288364	20.00	ng	0.07
21) Naphthalene-d8	7.69	136	418201	20.00	ng	-0.09
38) Acenaphthene-d10	9.43	164	188772	20.00	ng	-0.10
63) Phenanthrene-d10	10.91	188	326015	20.00	ng	-0.09
75) Chrysene-d12	13.53	240	230782	20.00	ng	-0.09
86) Perylene-d12	14.87	264	212817	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	706100	36.91	ng	-0.09
7) Phenol-d6	6.09	99	879208	40.26	ng	-0.08
23) Nitrobenzene-d5	6.98	82	544218	76.34	ng	-0.09
41) 2,4,6-Tribromophenol	10.23	330	164269	110.14	ng	-0.09
44) 2-Fluorobiphenyl	8.77	172	831002	74.71	ng	-0.09
78) Terphenyl-d14	12.50	244	699678	61.81	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.99	70	78474	5.459	ng	# 87
25) Isophorone	6.98	82	515670	36.937	ng	# 67
49) Dimethylphthalate	9.44	163	56261	3.925	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	23592	7.760	ng	# 34
56) 2,4-Dinitrotoluene	9.43	165	23592	6.750	ng	# 33
59) Diethylphthalate	9.86	149	132857	10.102	ng	96
66) 4-Bromophenyl-phenylether	10.23	248	10424	3.204	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.54	149	113661	9.058	ng	# 99

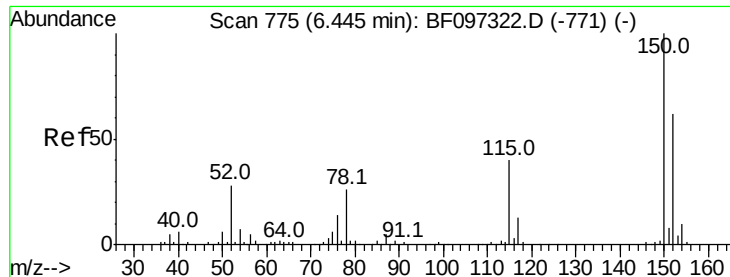
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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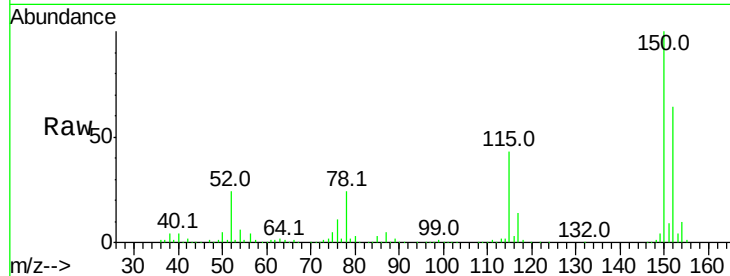


#1

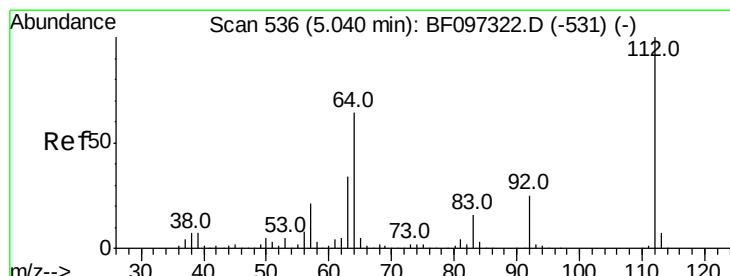
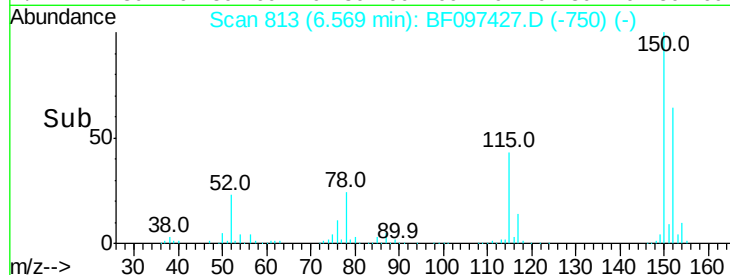
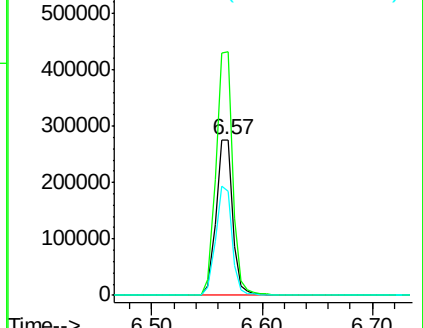
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 813
Delta R.T. 0.07 min
Lab File: BF097427.D
Acq: 7 Aug 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB101225BL

Tot Ion:152 Resp: 288364
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 66.8 52.2 78.2



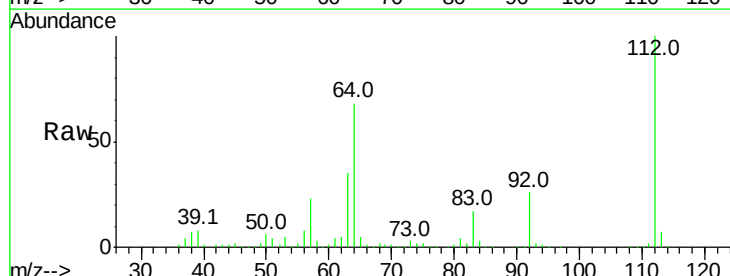
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



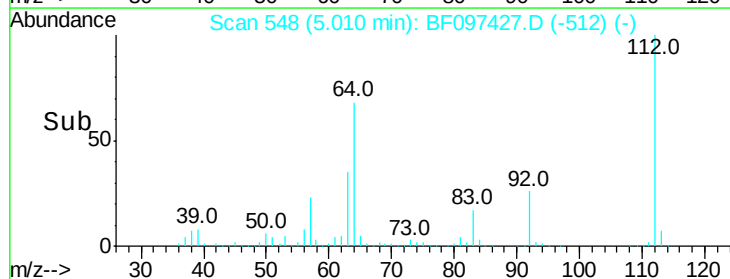
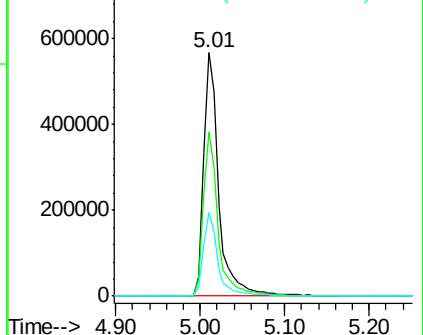
#5

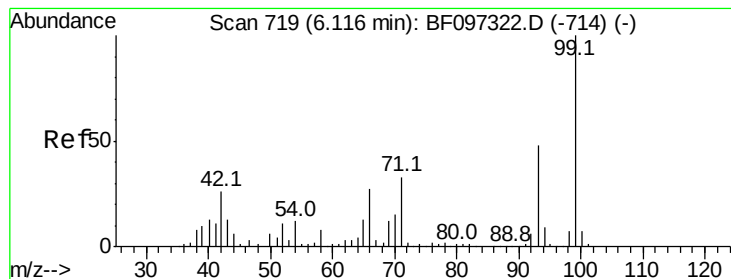
2-Fluorophenol
Concen: 36.913 ng
RT: 5.01 min Scan# 548
Delta R.T. -0.09 min
Lab File: BF097427.D
Acq: 7 Aug 2017 14:04

Tgt Ion:112 Resp: 706100
Ion Ratio Lower Upper
112 100
64 67.7 46.0 69.0
63 34.6 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: 40.261 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampled :

PB101225BL

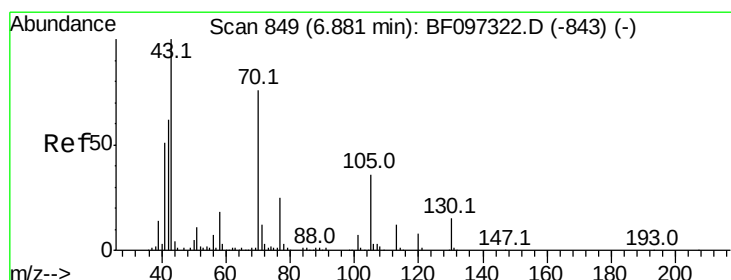
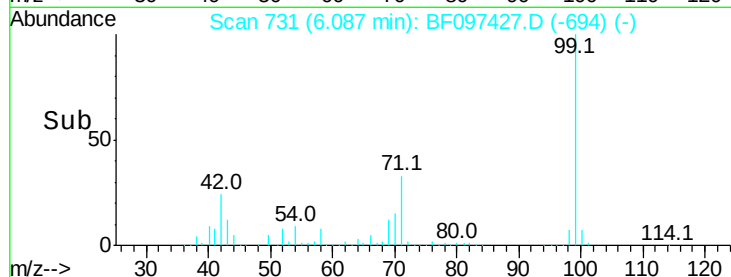
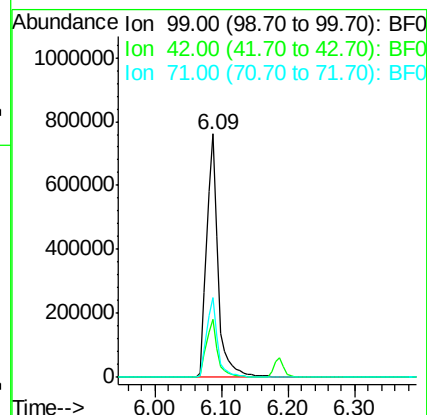
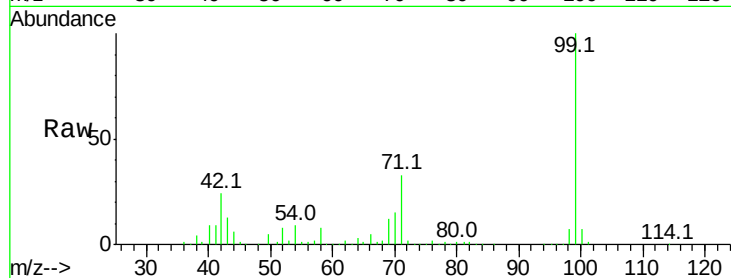
Tot Ion: 99 Resp: 879208

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

71 32.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.459 ng

RT: 6.99 min Scan# 884

Delta R.T. 0.05 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Tgt Ion: 70 Resp: 78474

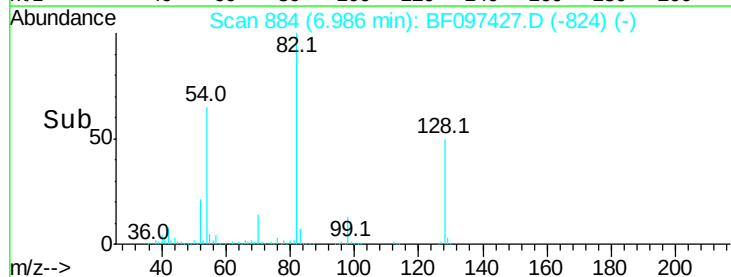
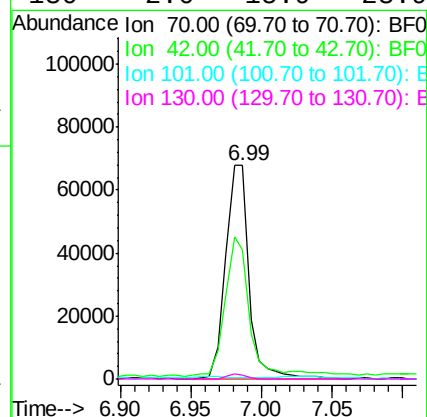
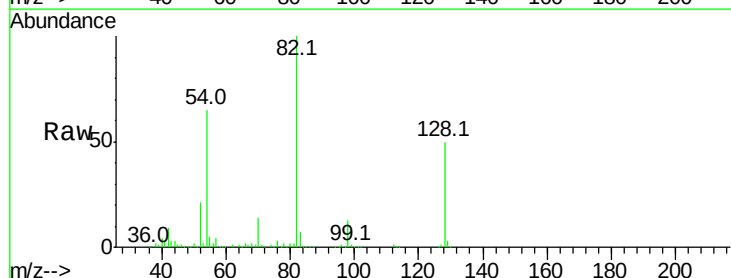
Ion Ratio Lower Upper

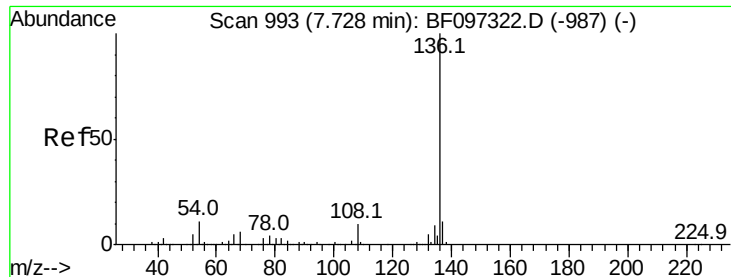
70 100

42 60.8 47.2 70.8

101 0.7 7.2 10.8#

130 2.0 15.9 23.9#

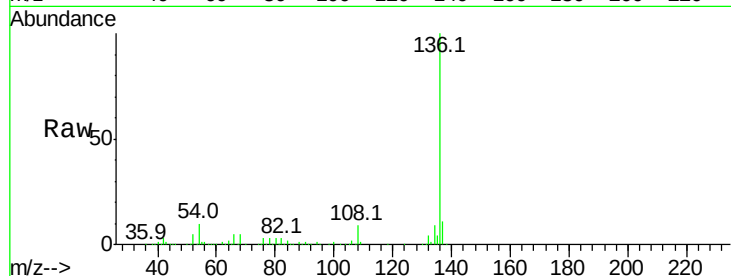




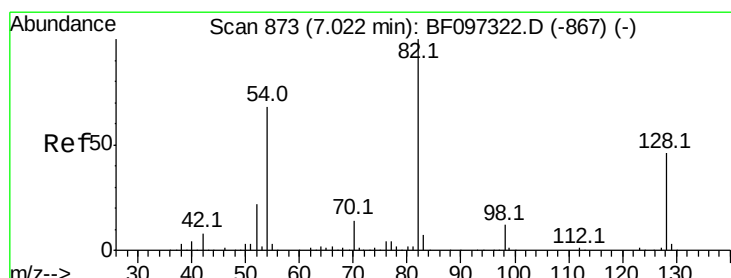
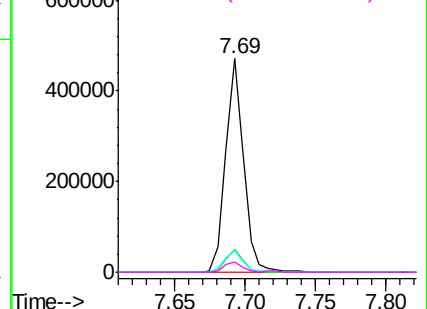
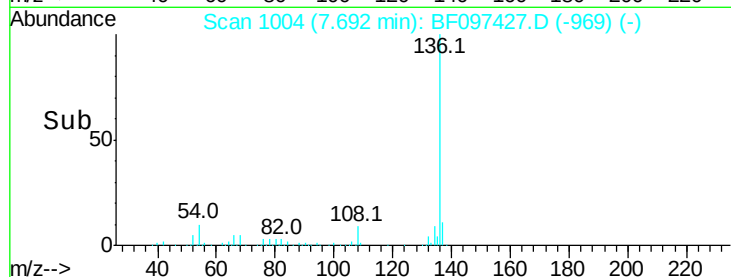
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.09 min
Lab File: BF097427.D
Acq: 7 Aug 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB101225BL

Tot Ion:	136	Resp:	418201
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	4.9	7.3#
68	5.1	4.1	6.1

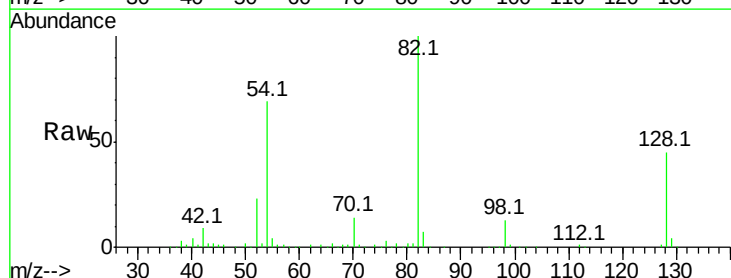


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

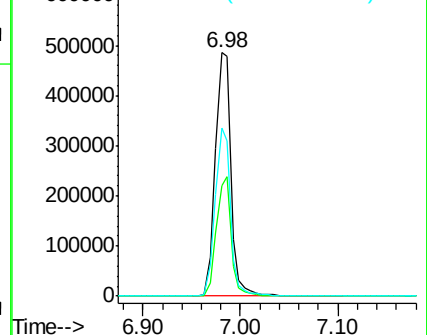
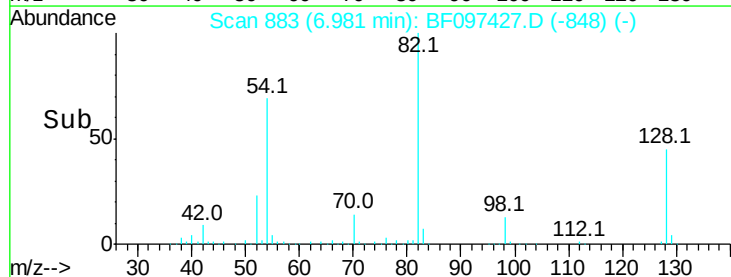


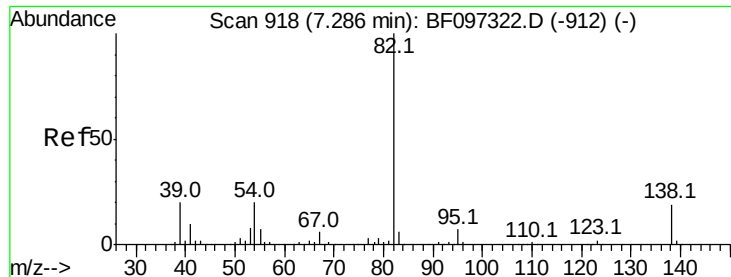
#23
Nitrobenzene-d5
Concen: 76.341 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.09 min
Lab File: BF097427.D
Acq: 7 Aug 2017 14:04

Tgt Ion:	82	Resp:	544218
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	69.3	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: 36.937 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.36 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

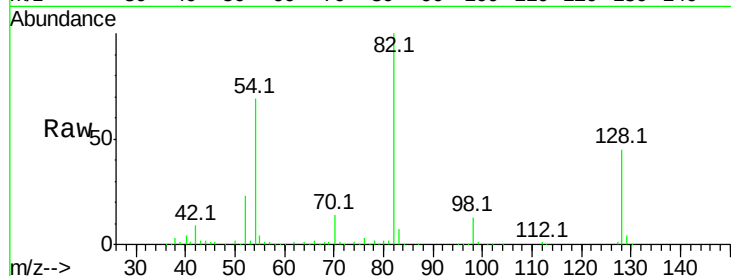
Tot Ion: 82 Resp: 515670

Ion Ratio Lower Upper

82 100

95 0.3 5.3 7.9#

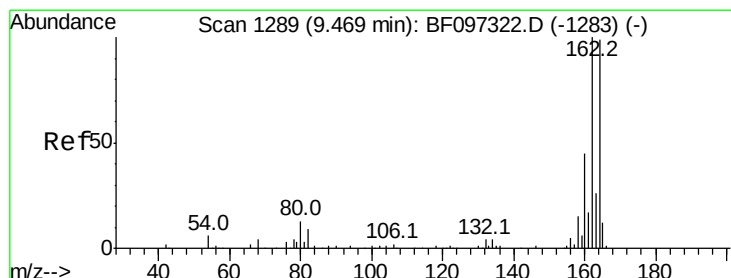
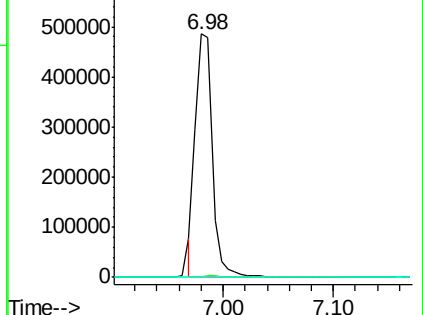
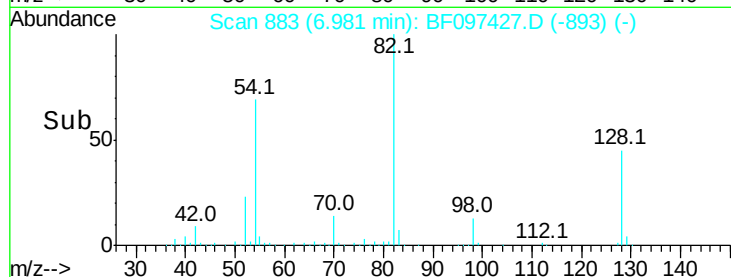
138 0.0 13.1 19.7#



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: 9.43 min Scan# 1300

Delta R.T. -0.10 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

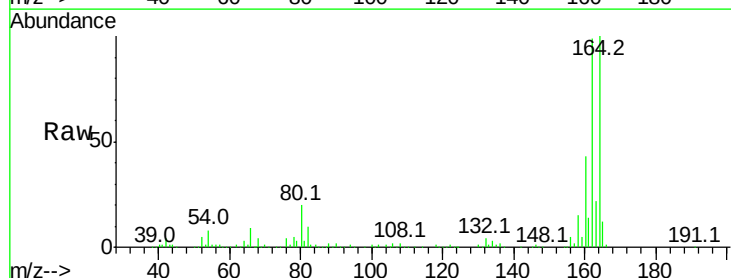
Tgt Ion:164 Resp: 188772

Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

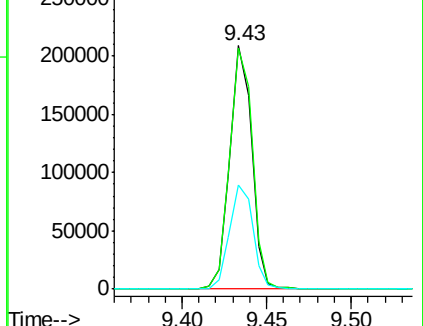
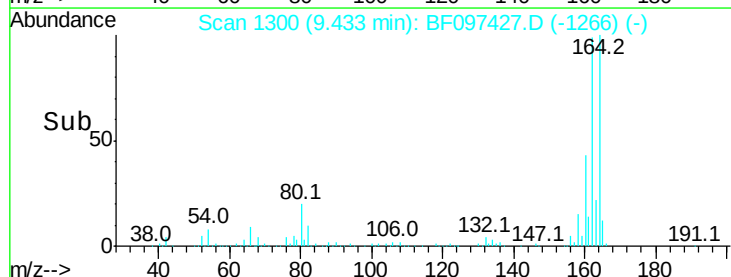
160 42.9 36.2 54.2

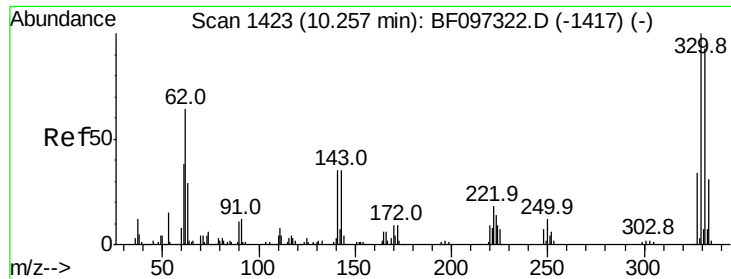


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

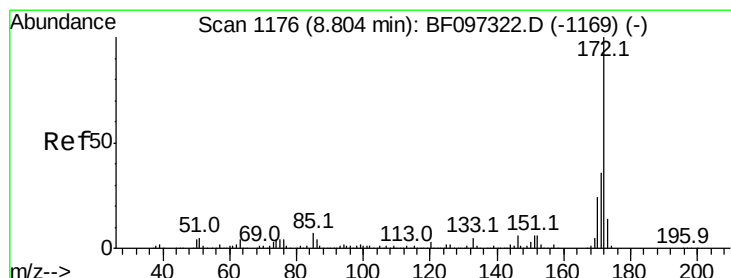
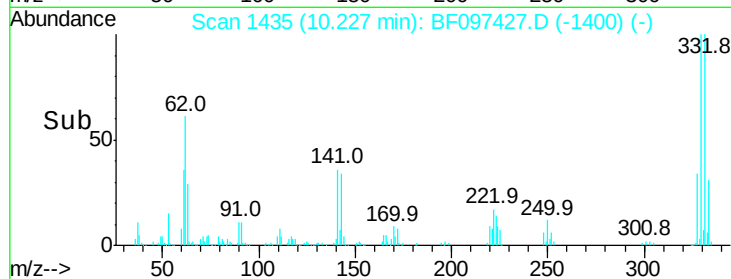
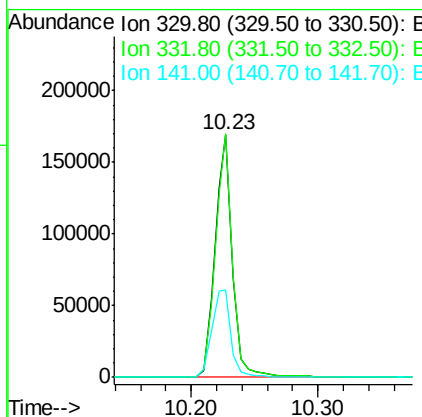
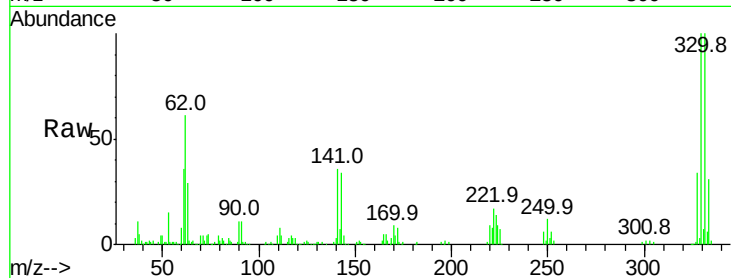




#41
 2,4,6-Tribromophenol
 Concen: 110.138 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.09 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

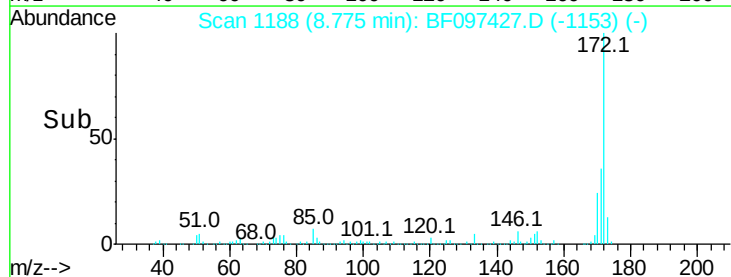
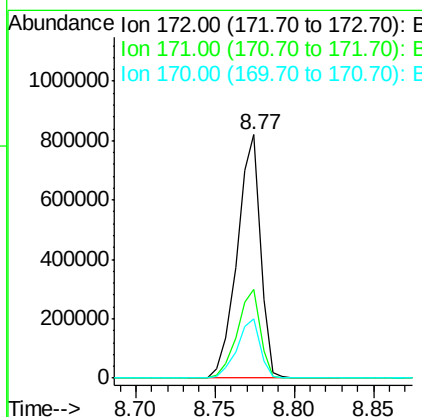
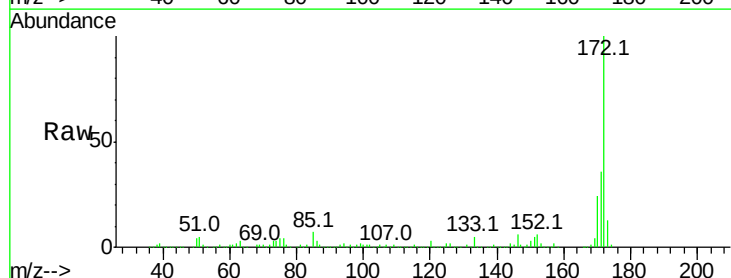
Instrument :
 BNA_F
 ClientSampleId :
 PB101225BL

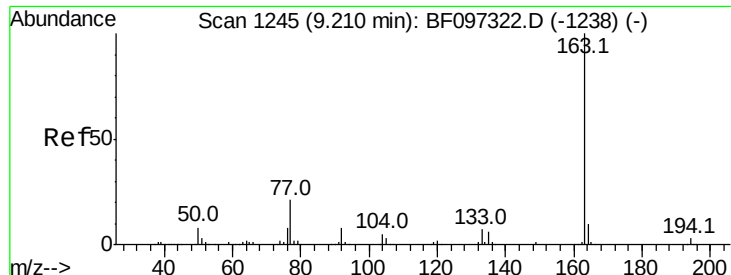
Tot Ion:330 Resp: 164269
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 115.0
 141 40.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 74.709 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.09 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

Tgt Ion:172 Resp: 831002
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 19.8 29.8

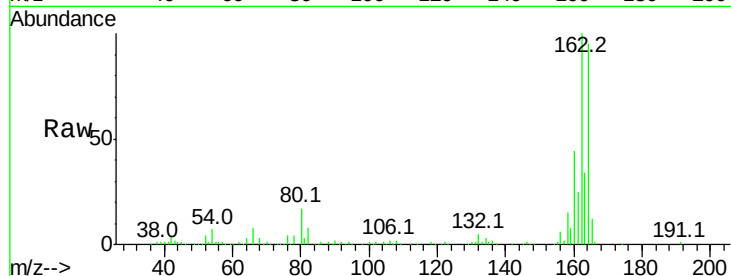




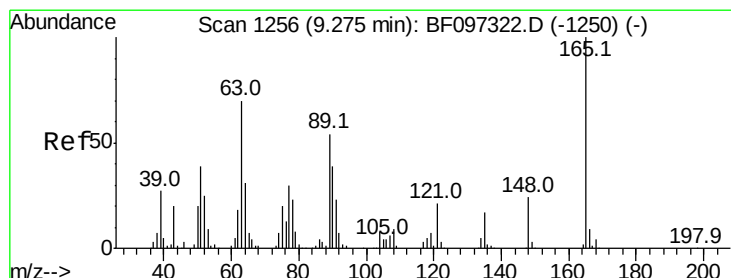
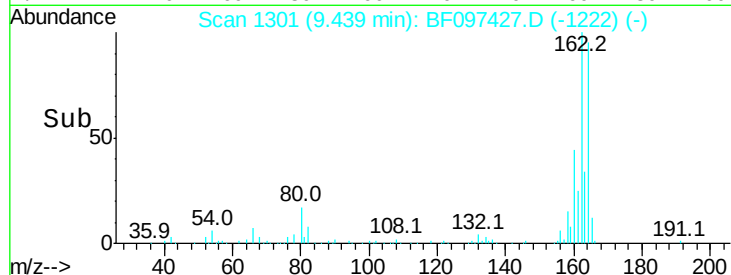
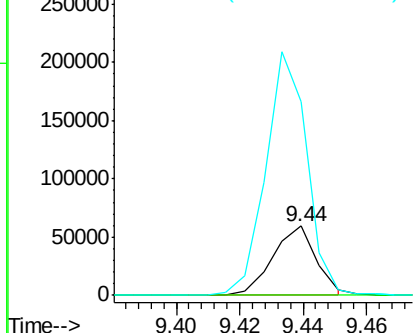
#49
Dimethylphthalate
Concen: 3.925 ng
RT: 9.44 min Scan# 1301
Delta R.T. 0.16 min
Lab File: BF097427.D
Acq: 7 Aug 2017 14:04

Instrument :
BNA_F
ClientSampleId :
PB101225BL

Tot Ion:163 Resp: 56261
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 279.4 8.4 12.6#

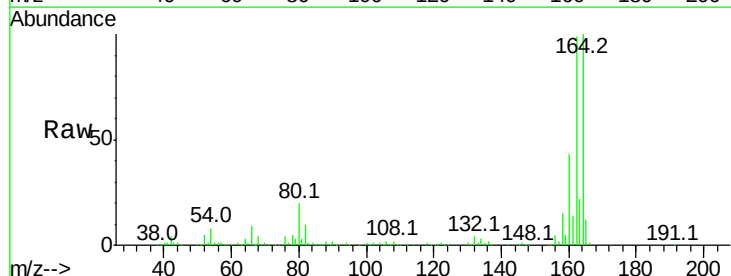


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

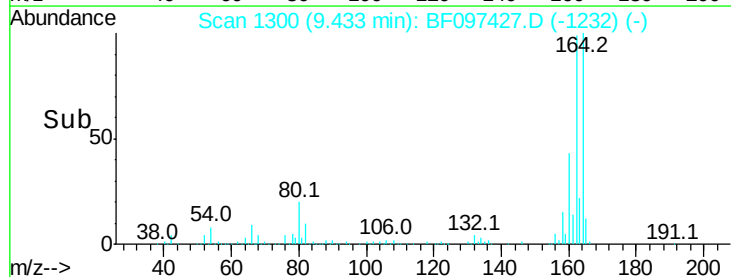
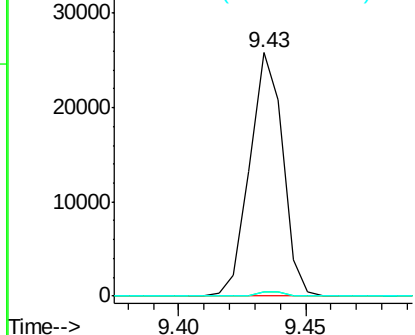


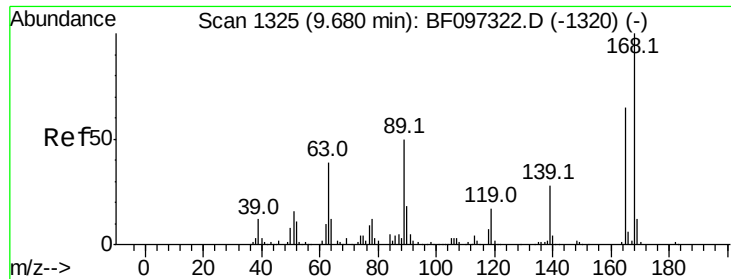
#50
2,6-Dinitrotoluene
Concen: 7.760 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.10 min
Lab File: BF097427.D
Acq: 7 Aug 2017 14:04

Tgt Ion:165 Resp: 23592
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.7 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: 6.750 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.30 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

Tot Ion:165 Resp: 23592

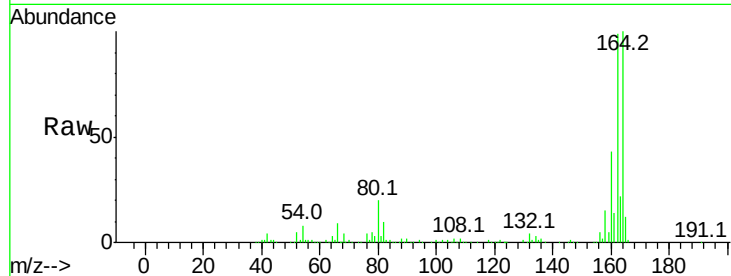
Ion Ratio Lower Upper

165 100

63 1.9 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

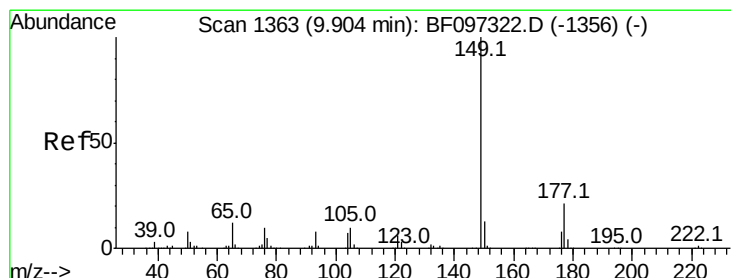
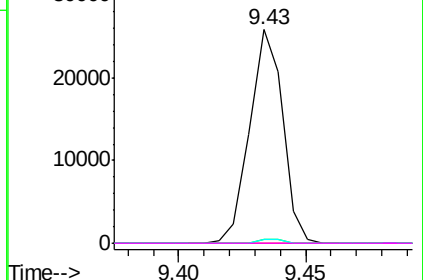
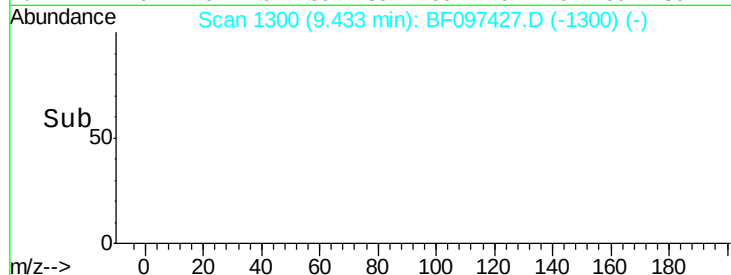


Abundance Ion 165.00 (164.70 to 165.70): E

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



#59

Diethylphthalate

Concen: 10.102 ng

RT: 9.86 min Scan# 1372

Delta R.T. -0.11 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

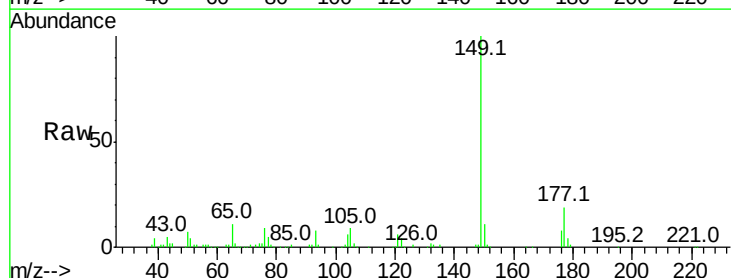
Tgt Ion:149 Resp: 132857

Ion Ratio Lower Upper

149 100

177 18.7 16.7 25.1

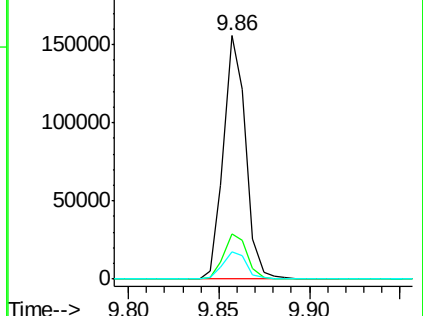
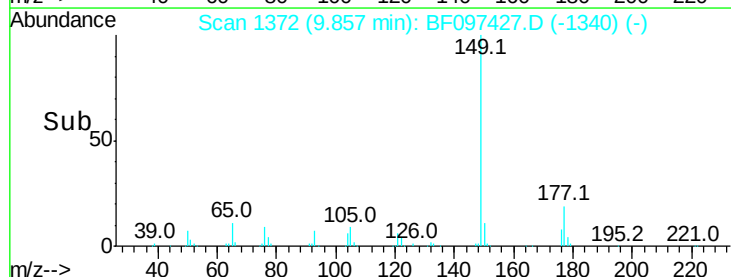
150 11.4 10.2 15.2

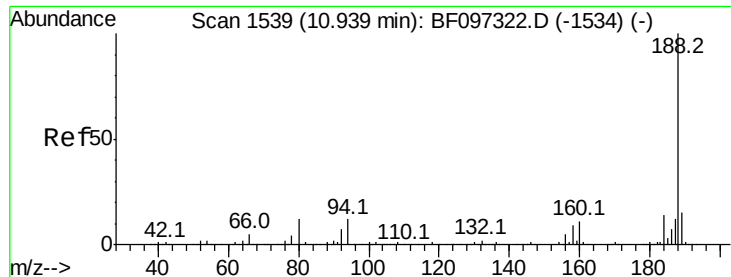


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.09 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

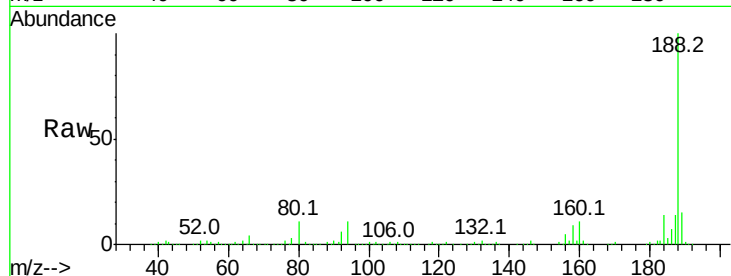
Tot Ion:188 Resp: 326015

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

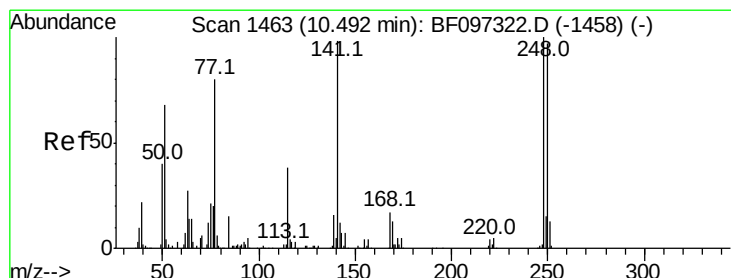
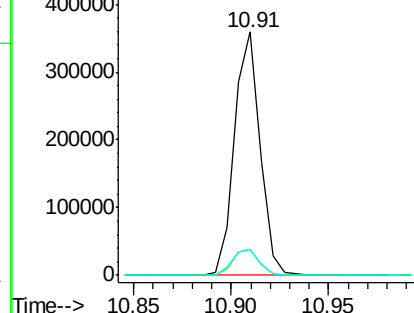
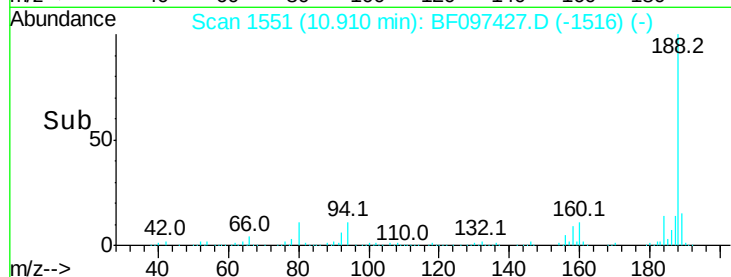
80 10.8 10.2 15.2



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: 3.204 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.33 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

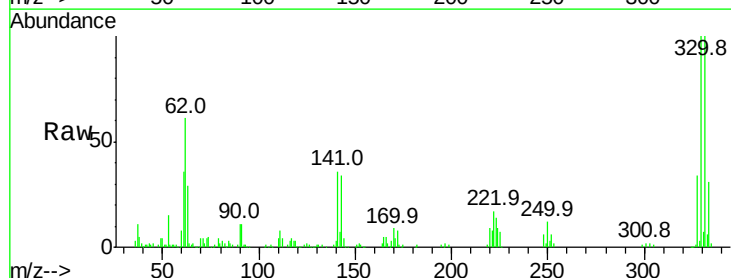
Tgt Ion:248 Resp: 10424

Ion Ratio Lower Upper

248 100

250 198.2 76.8 115.2#

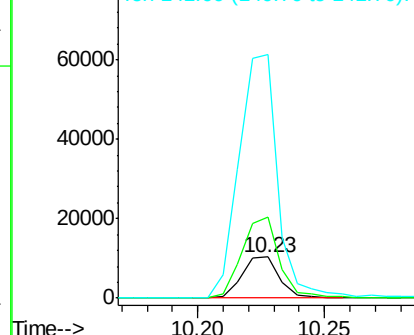
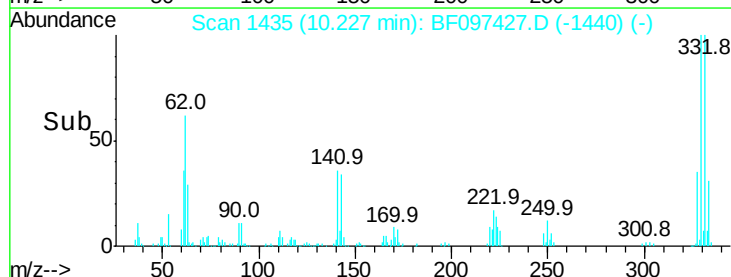
141 591.8 68.6 103.0#

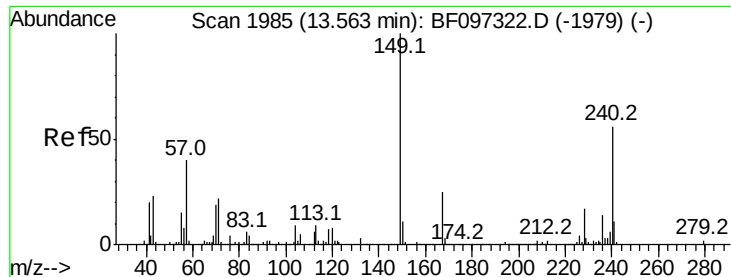


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.53 min Scan# 1997

Delta R.T. -0.09 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

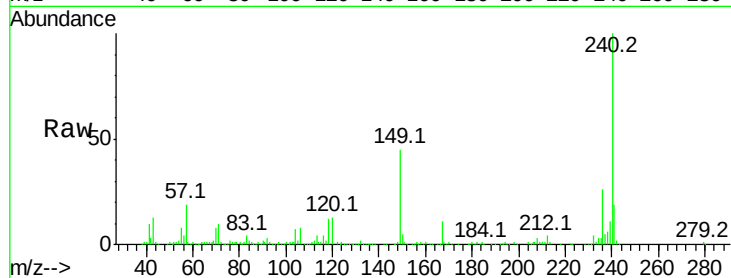
Tot Ion:240 Resp: 230782

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

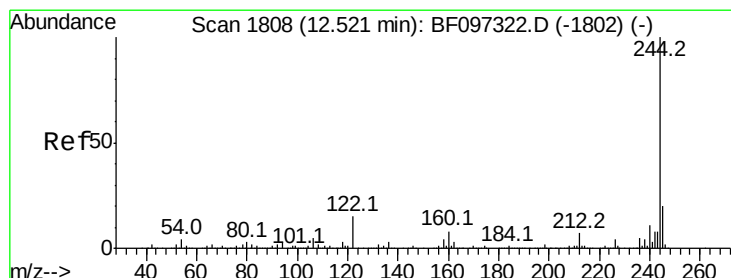
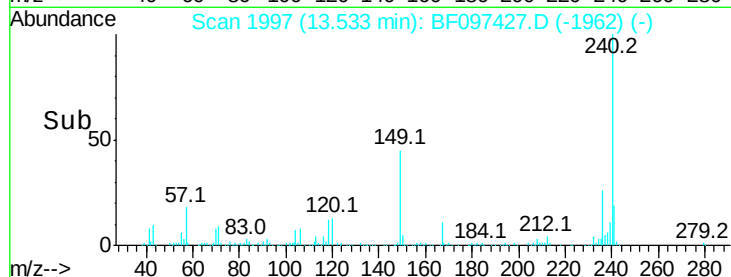
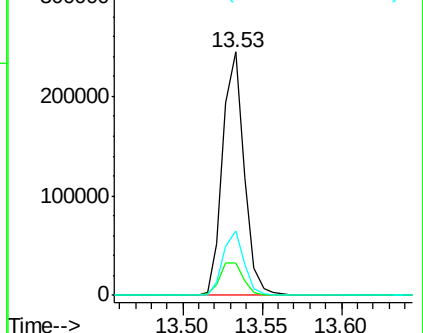
236 26.3 20.5 30.7



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: 61.813 ng

RT: 12.50 min Scan# 1821

Delta R.T. -0.09 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

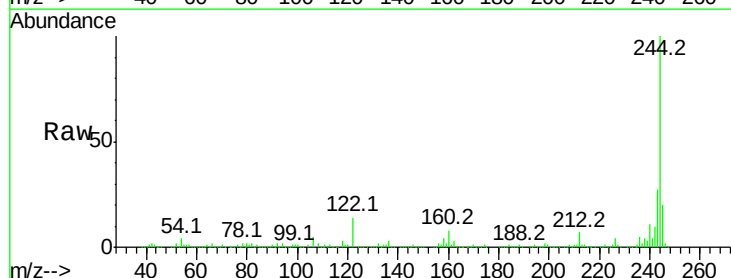
Tgt Ion:244 Resp: 699678

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

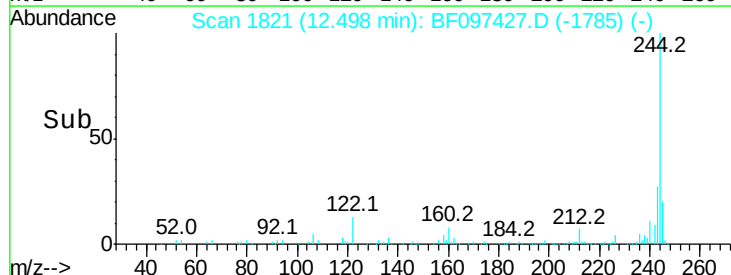
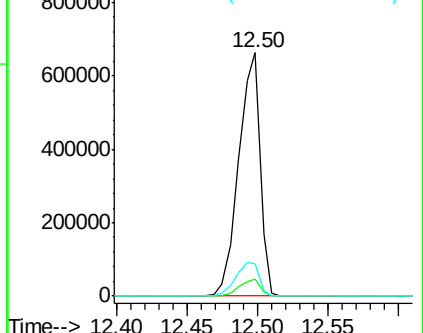
122 13.6 10.3 15.5

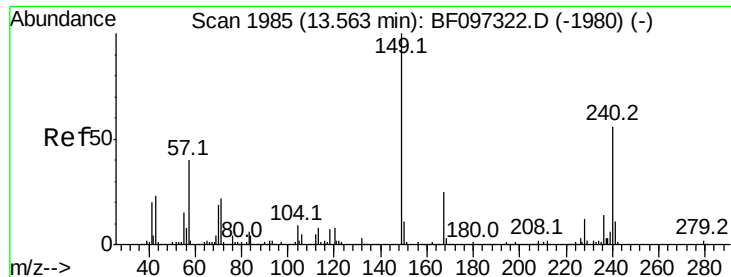


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.058 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

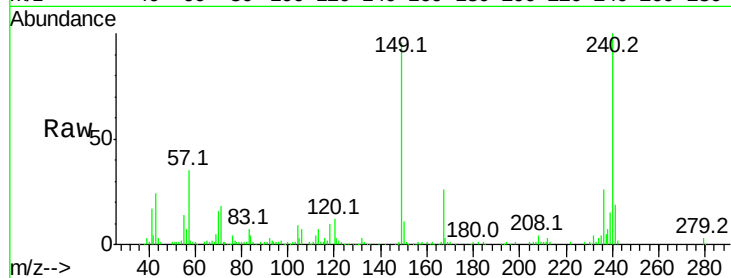
Tot Ion:149 Resp: 113661

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

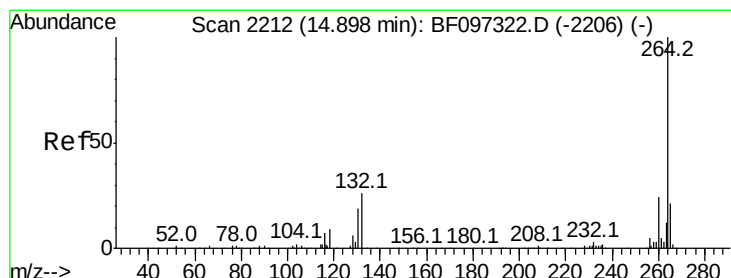
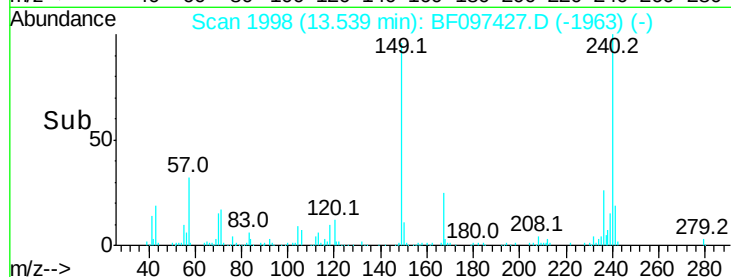
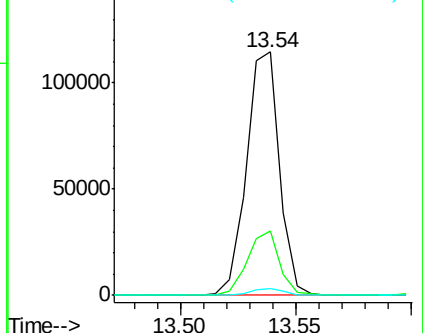
279 2.9 1.9 2.9#



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: 14.87 min Scan# 2224

Delta R.T. -0.11 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

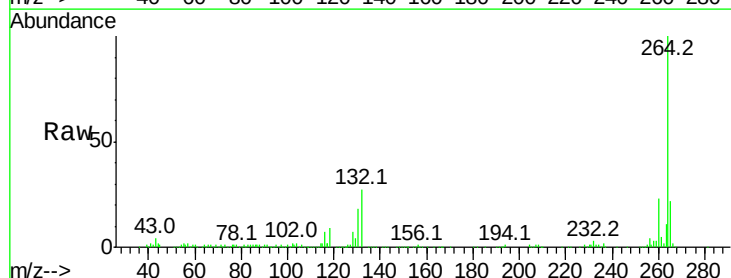
Tgt Ion:264 Resp: 212817

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.9 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

