

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097173.D
 Acq On : 29 Jul 2017 00:14
 Operator : SJ/JU
 Sample : I4456-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jul 29 00:45:03 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

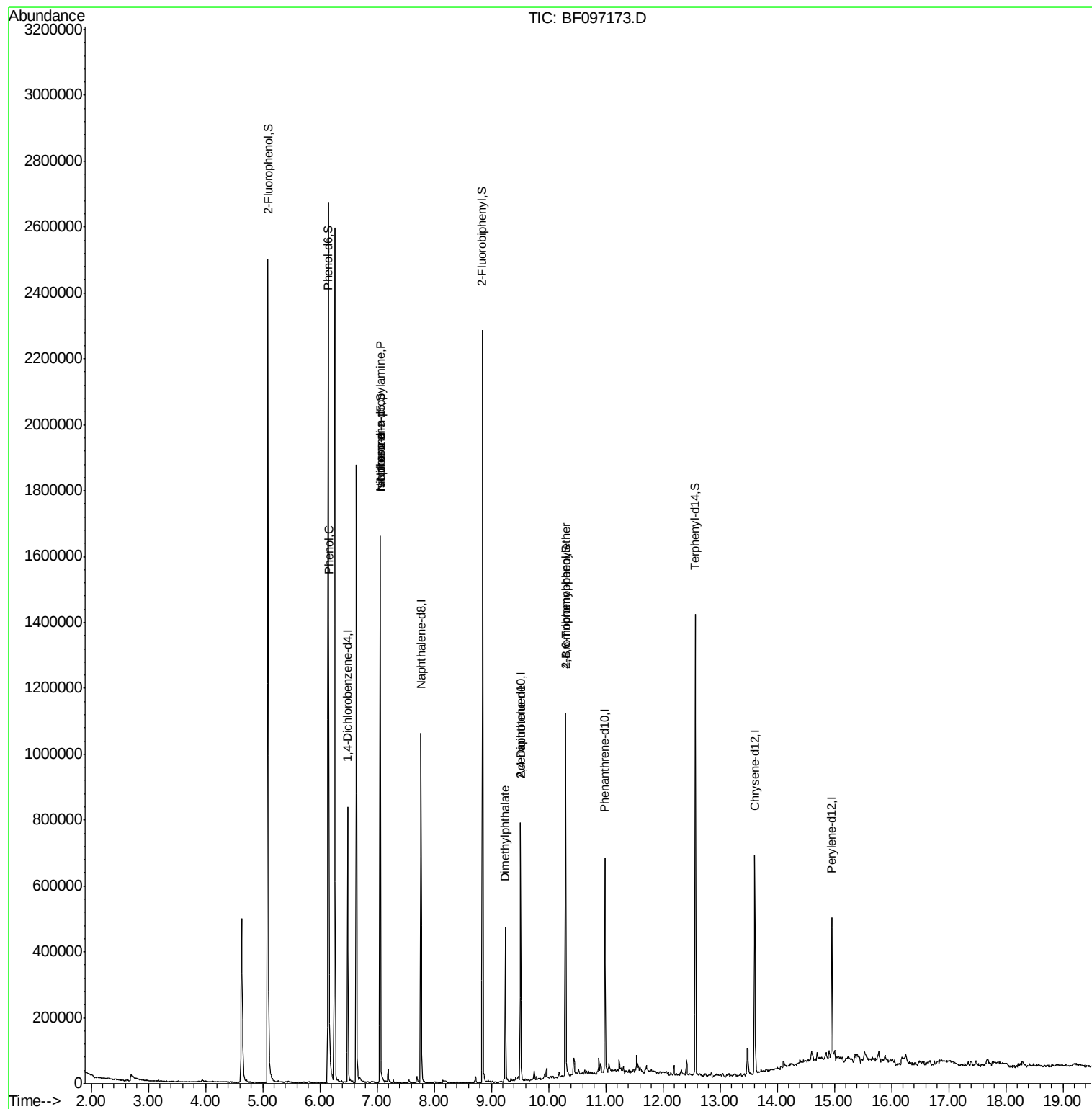
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115887	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	439355	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	157800	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	211754	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	198252	20.00	ng	-0.02
86) Perylene-d12	14.96	264	162847	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	769031	100.04	ng	0.00
7) Phenol-d6	6.15	99	958668	109.24	ng	-0.02
23) Nitrobenzene-d5	7.06	82	517022	69.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	113551	91.08	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	697776	75.04	ng	-0.02
78) Terphenyl-d14	12.57	244	408944	42.06	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	26651	2.56	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.06	70	70182	12.15	ng	# 87
25) Isophorone	7.06	82	512913	34.97	ng	# 67
49) Dimethylphthalate	9.25	163	165725	13.83	ng	98
56) 2,4-Dinitrotoluene	9.51	165	19739	6.76	ng	# 32
66) 4-Bromophenyl-phenylether	10.30	248	7506	3.55	ng	# 1

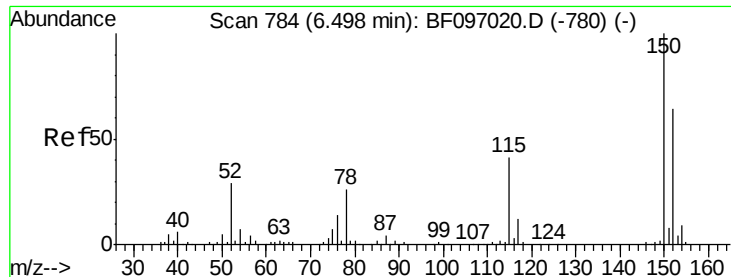
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097173.D
Acq On : 29 Jul 2017 00:14
Operator : SJ/JU
Sample : I4456-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP

Quant Time: Jul 29 00:45:03 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



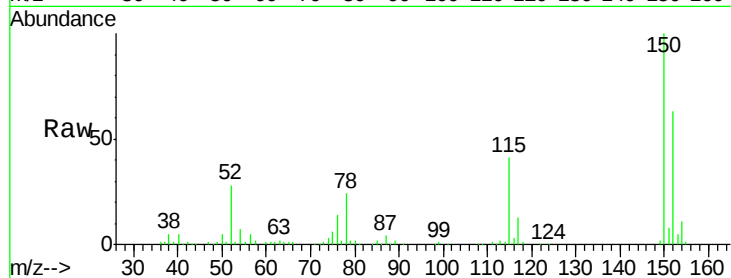


#1

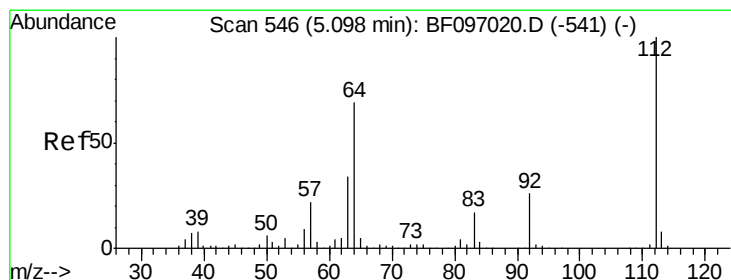
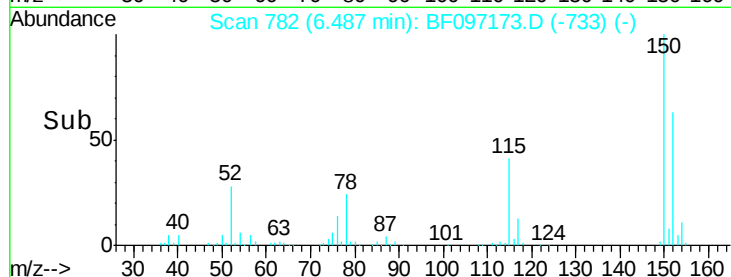
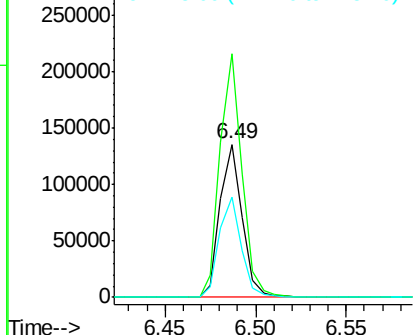
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097173.D
Acq: 29 Jul 2017 00:14

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:152 Resp: 115887
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 65.1 52.2 78.2



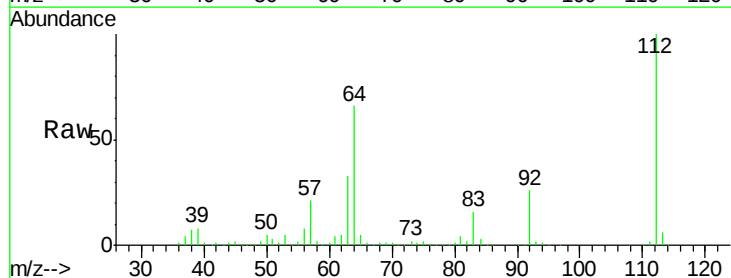
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



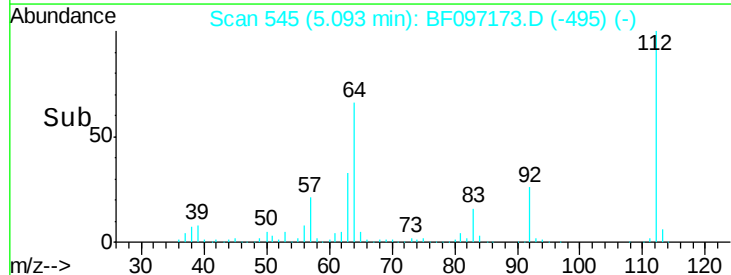
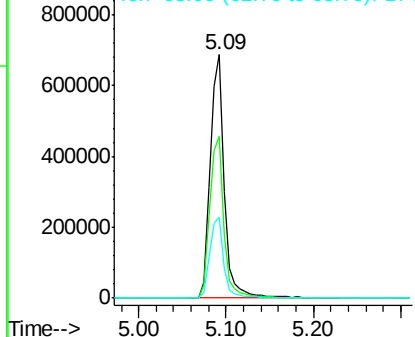
#5

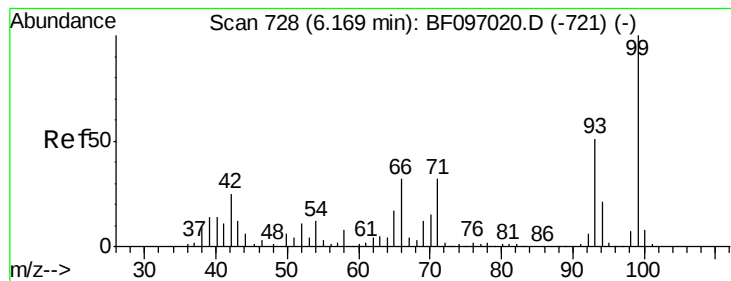
2-Fluorophenol
Concen: 100.04 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097173.D
Acq: 29 Jul 2017 00:14

Tgt Ion:112 Resp: 769031
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.4 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: 109.24 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097173.D

Acq: 29 Jul 2017 00:14

Instrument :

BNA_F

ClientSampleId :

DUP

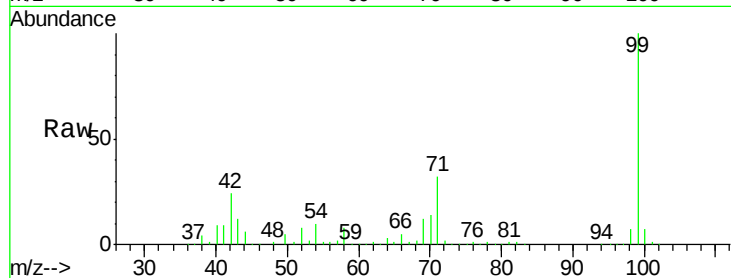
Tot Ion: 99 Resp: 958668

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

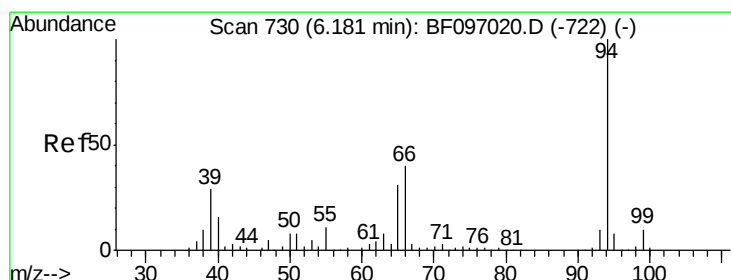
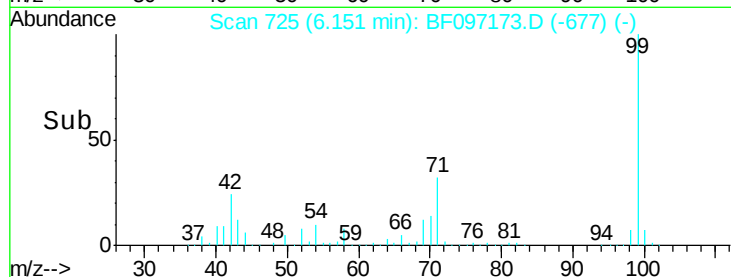
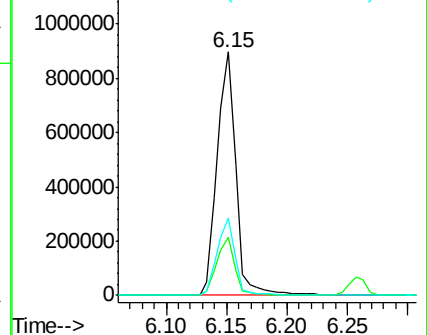
71 31.9 24.5 36.7



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



#10

Phenol

Concen: 2.56 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097173.D

Acq: 29 Jul 2017 00:14

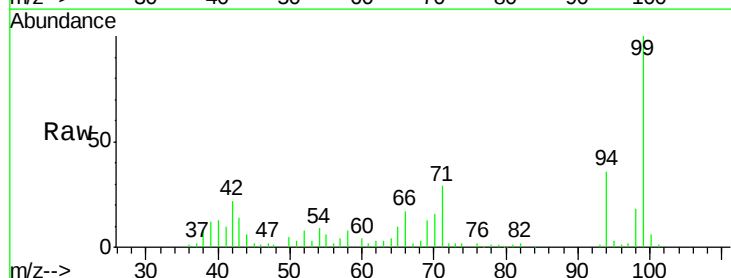
Tgt Ion: 94 Resp: 26651

Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

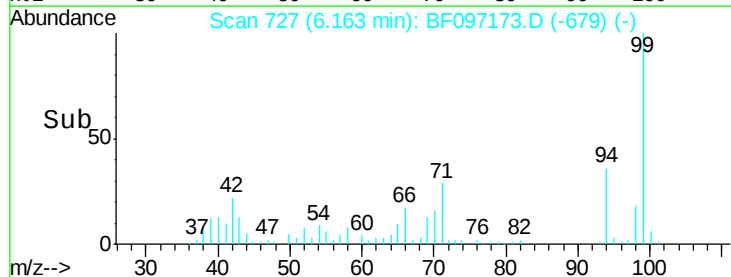
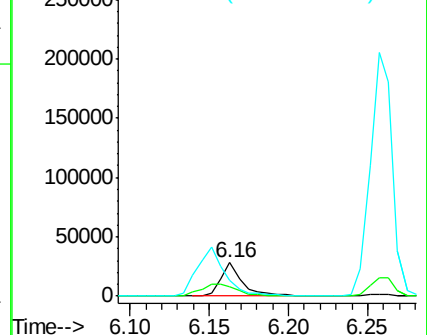
66 45.9 23.1 63.1

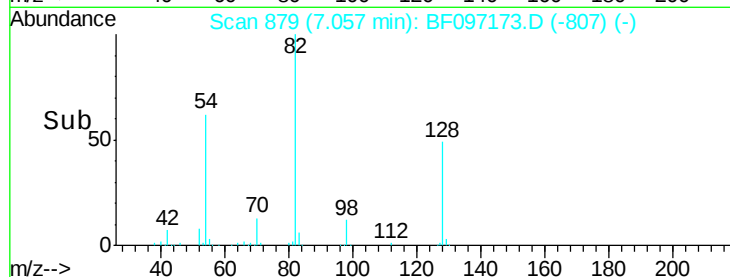
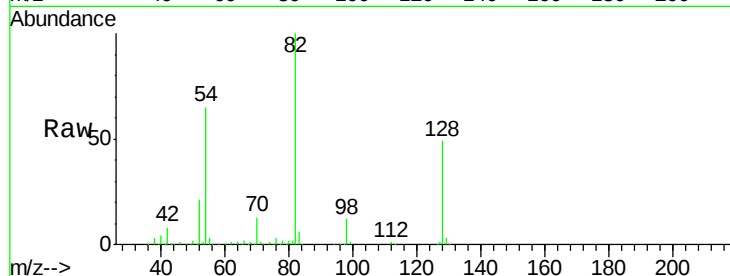
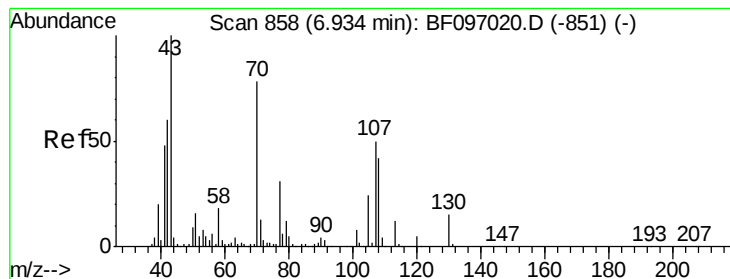


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.15 ng

RT: 7.06 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF097173.D

Acq: 29 Jul 2017 00:14

Instrument :

BNA_F

ClientSampleId :

DUP

Tot Ion: 70 Resp: 70182

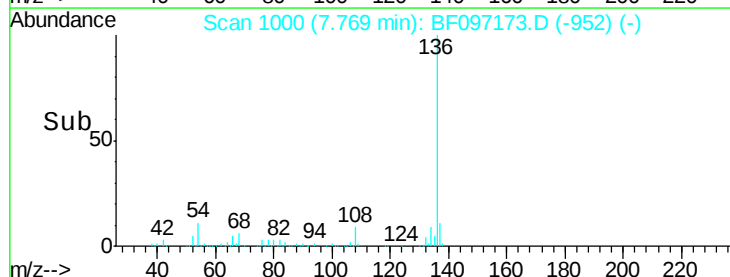
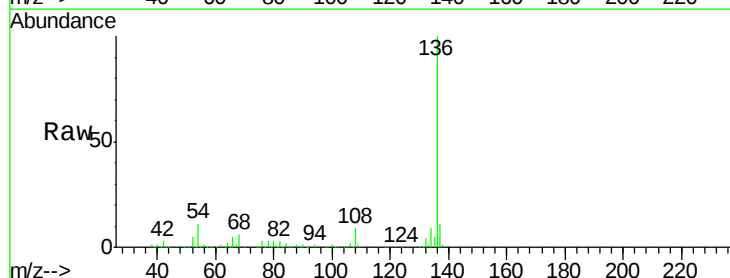
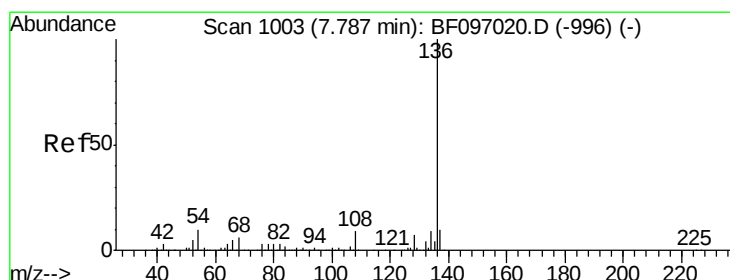
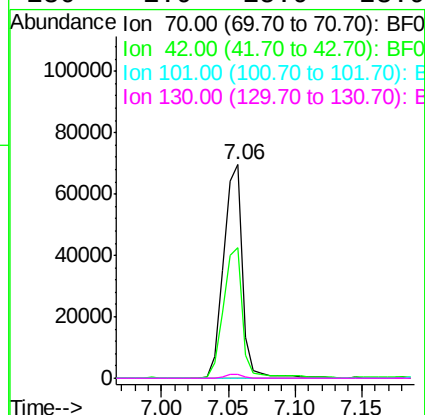
Ion Ratio Lower Upper

70 100

42 61.1 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097173.D

Acq: 29 Jul 2017 00:14

Tgt Ion:136 Resp: 439355

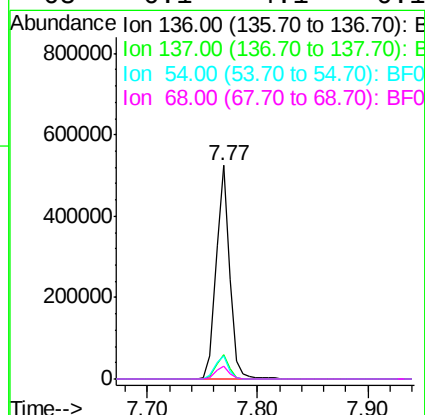
Ion Ratio Lower Upper

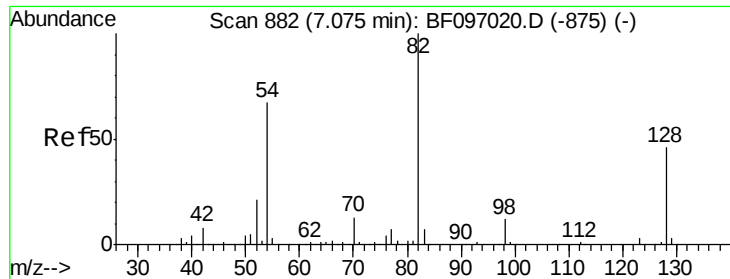
136 100

137 11.1 8.5 12.7

54 10.5 4.9 7.3#

68 6.1 4.1 6.1

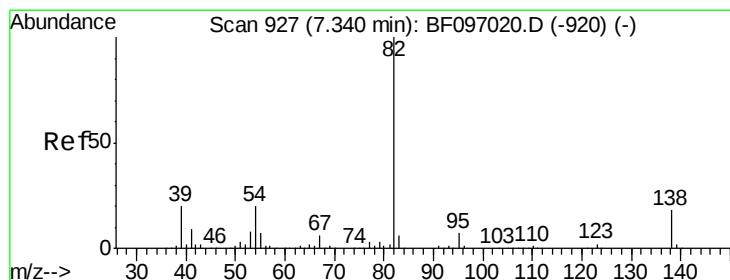
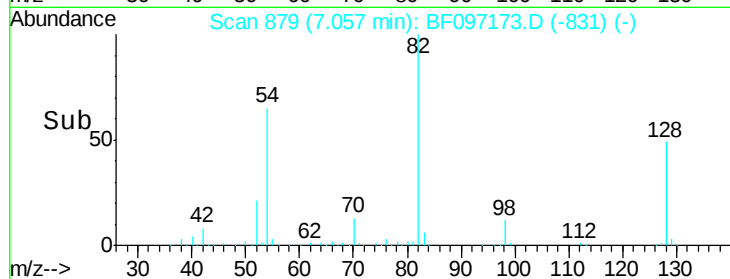
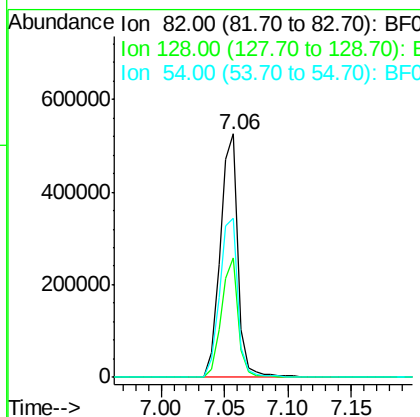
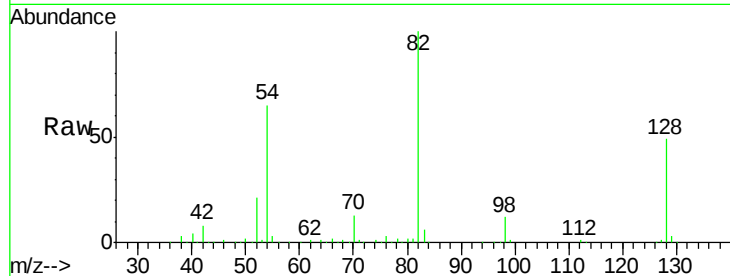




#23
 Nitrobenzene-d5
 Concen: 69.03 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

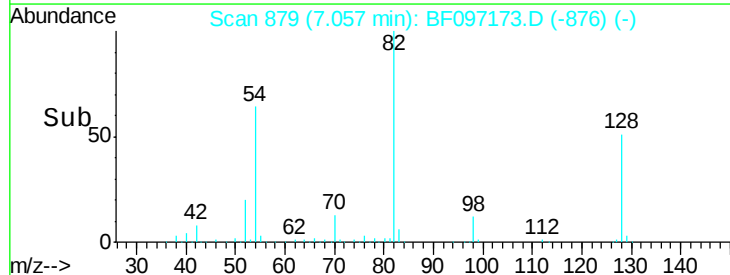
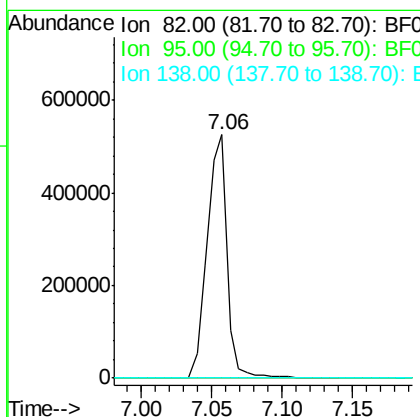
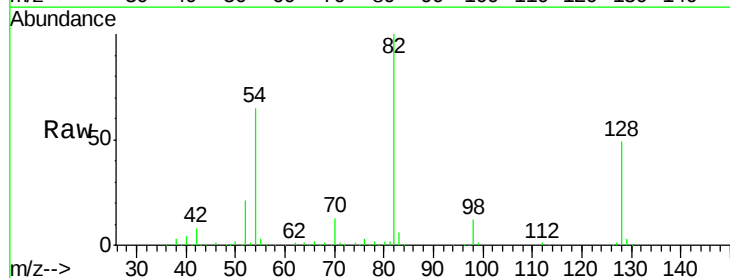
Instrument :
 BNA_F
 ClientSampleID :
 DUP

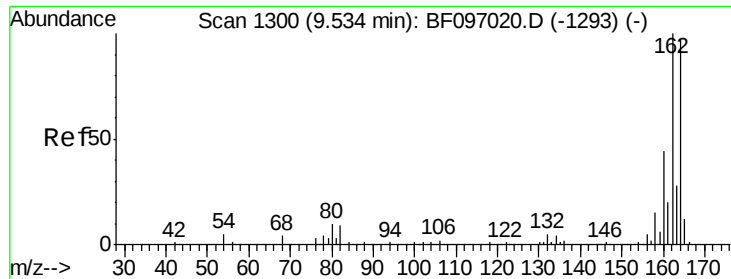
Tot Ion: 82 Resp: 517022
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.0 51.0
 54 65.4 42.2 63.2#



#25
 Isophorone
 Concen: 34.97 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Tgt Ion: 82 Resp: 512913
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

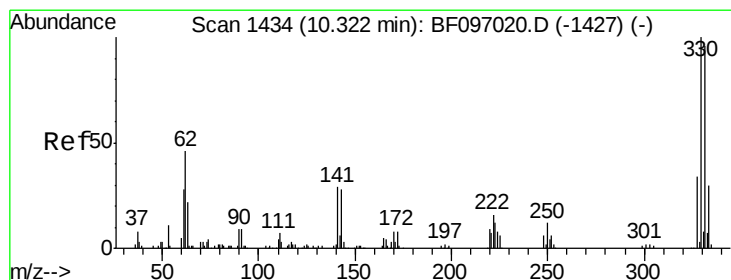
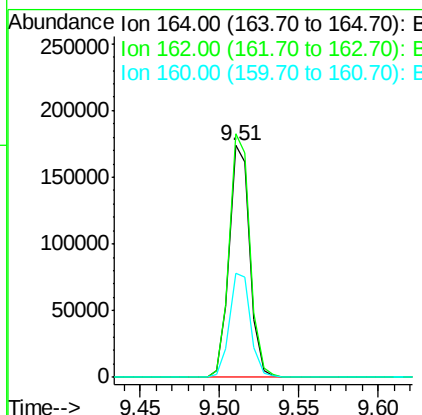
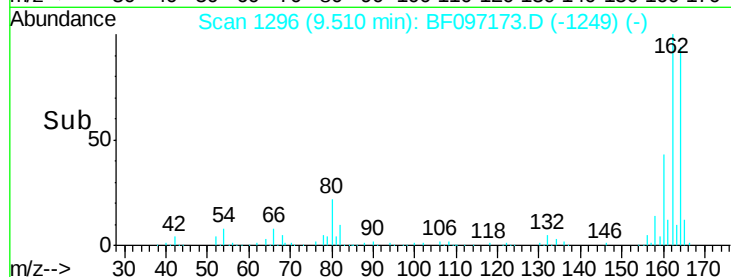
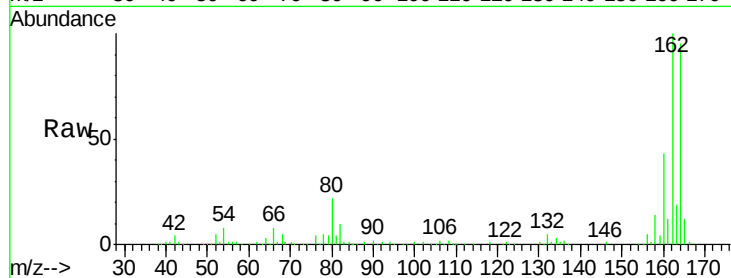




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

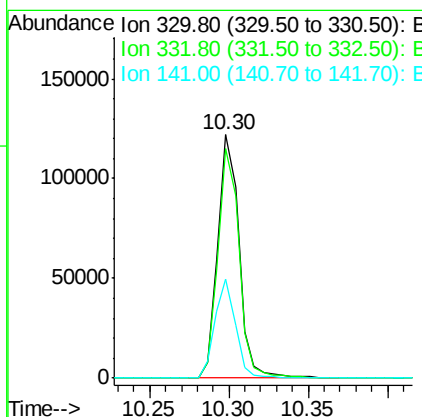
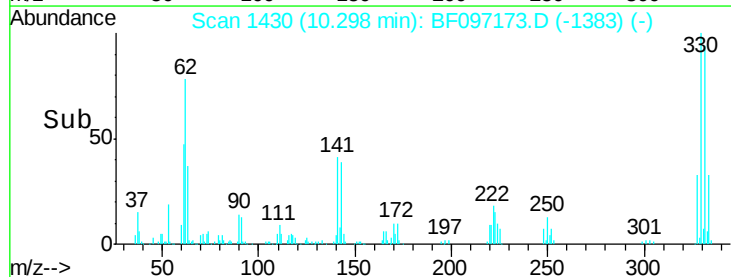
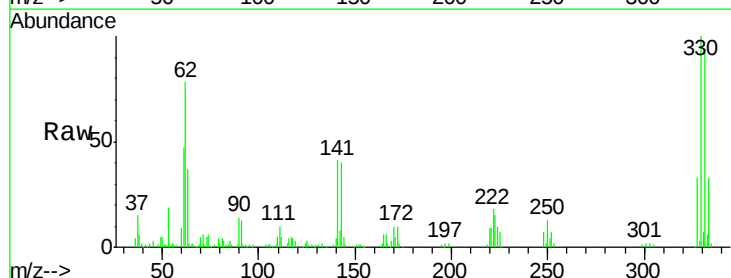
Instrument :
 BNA_F
 ClientSampleId :
 DUP

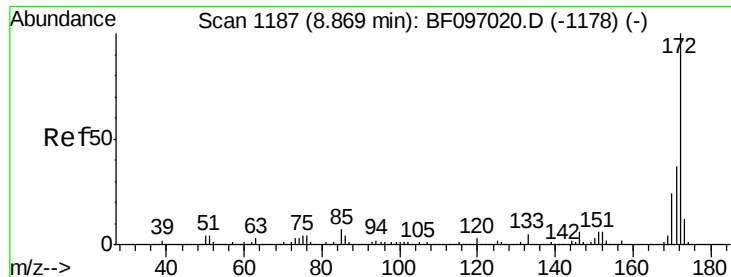
Tot Ion:164 Resp: 157800
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 91.08 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Tgt Ion:330 Resp: 113551
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 40.2 31.4 47.2

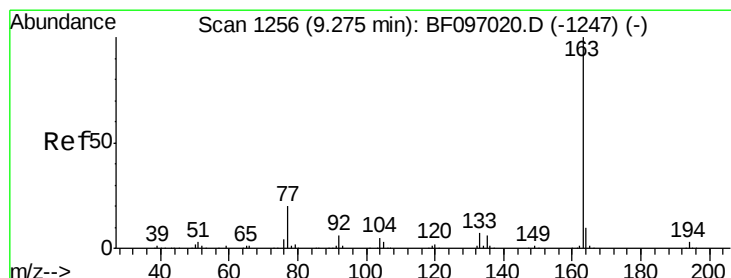
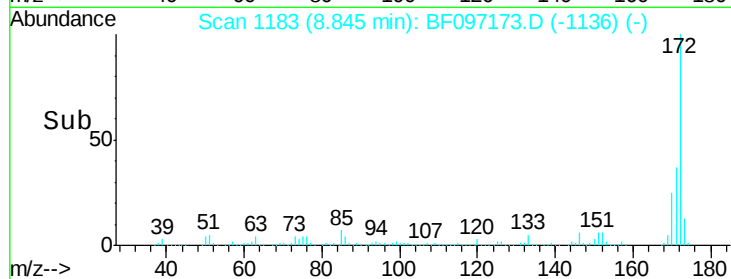
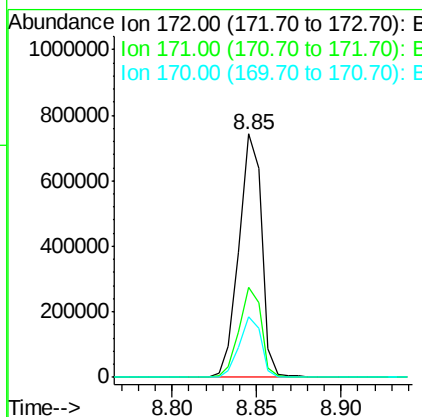
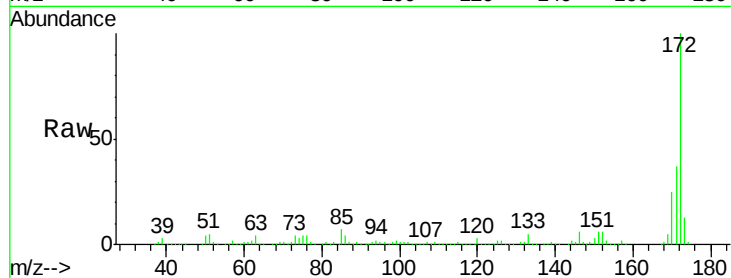




#44
2-Fluorobiphenyl
Concen: 75.04 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097173.D
Acq: 29 Jul 2017 00:14

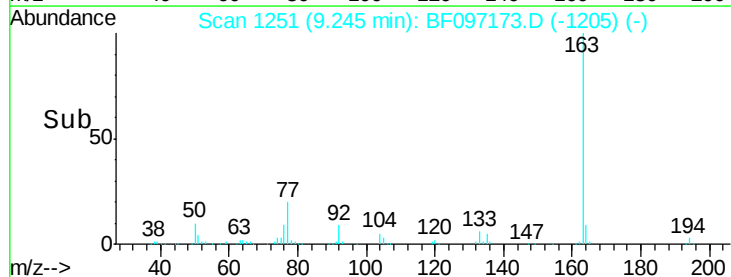
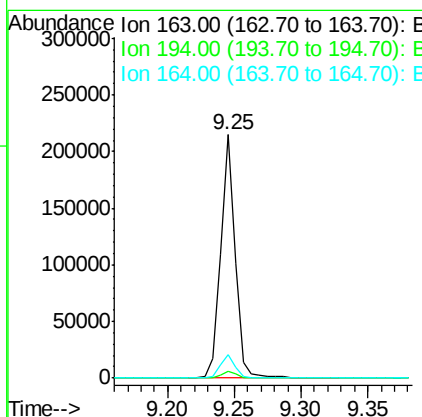
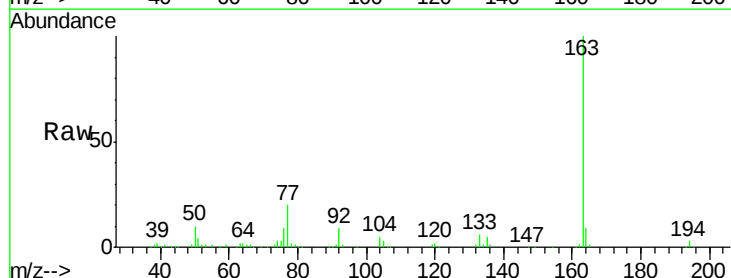
Instrument :
BNA_F
ClientSampleId :
DUP

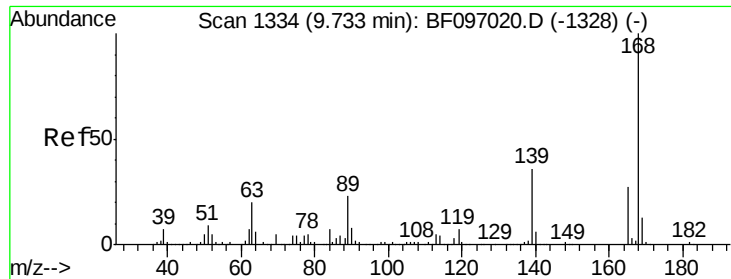
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	19.8	29.8



#49
Dimethylphthalate
Concen: 13.83 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097173.D
Acq: 29 Jul 2017 00:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.4	8.4	12.6

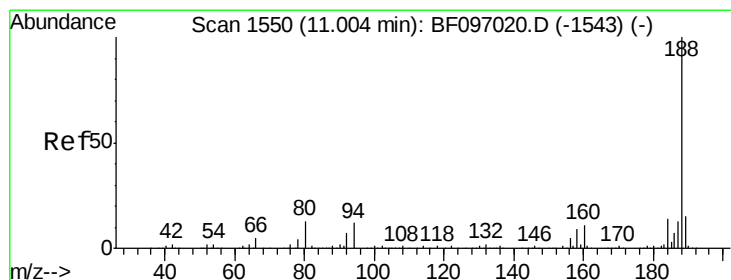
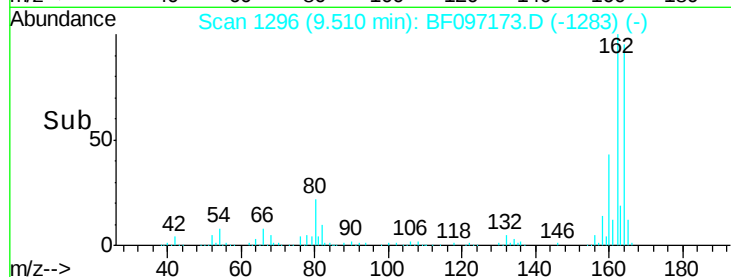
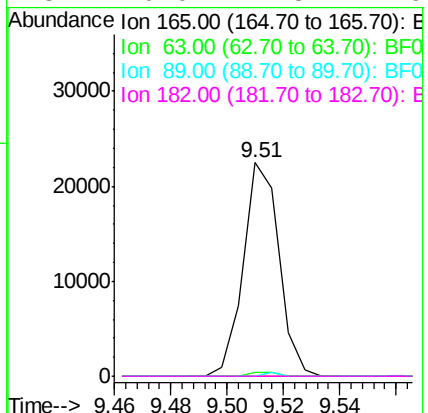
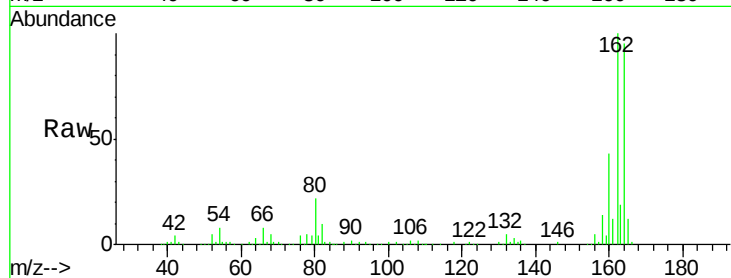




#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

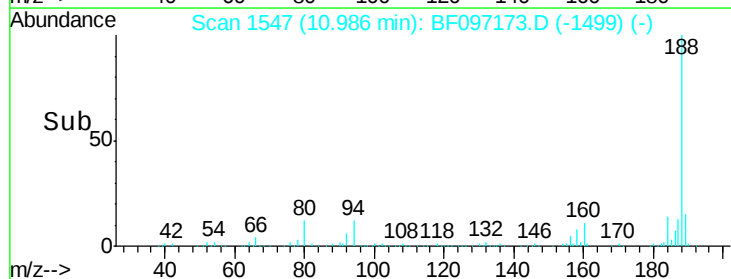
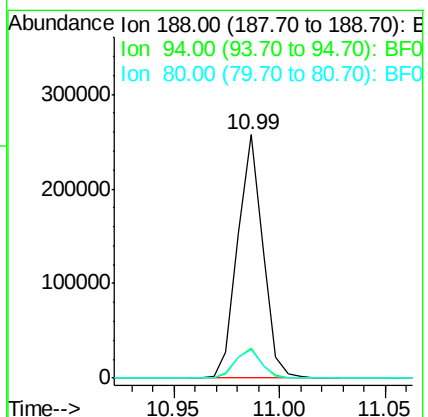
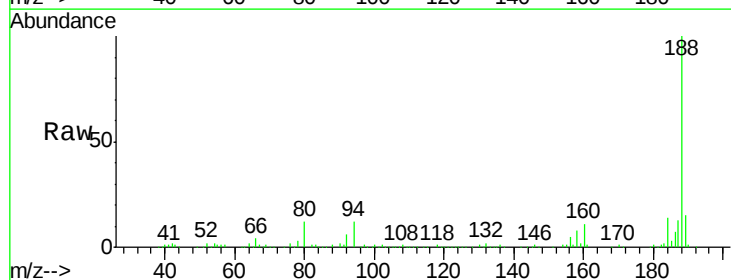
Instrument :
 BNA_F
 ClientSampleId :
 DUP

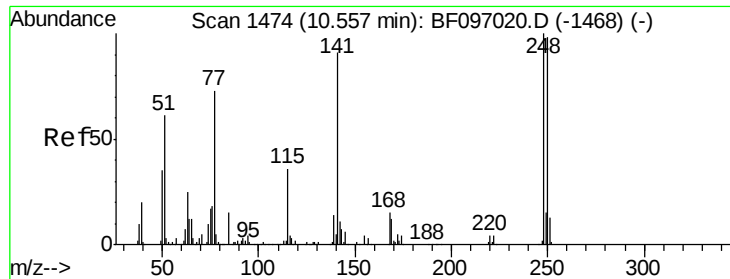
Tot Ion:165 Resp: 19739
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Tgt Ion:188 Resp: 211754
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 11.9 10.2 15.2

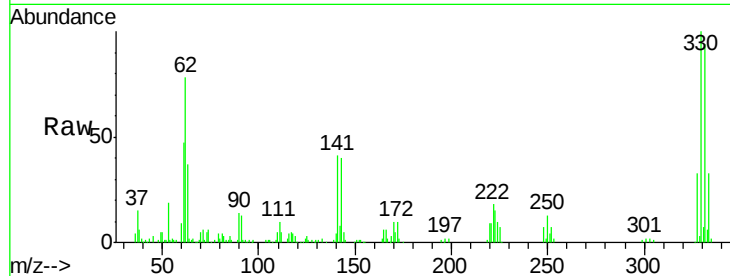




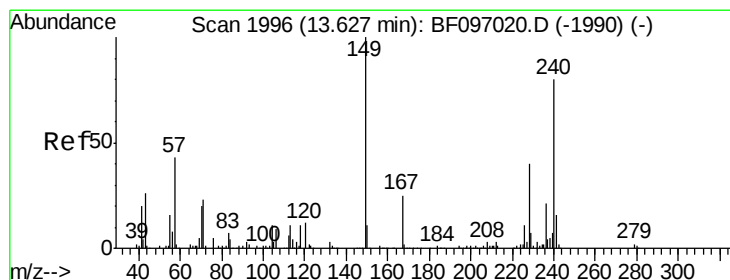
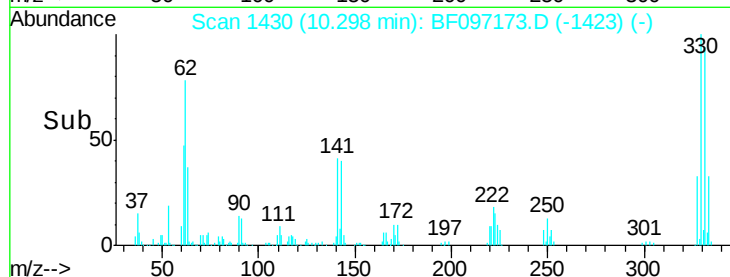
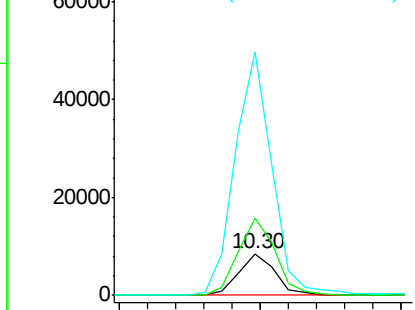
#66
 4-Bromophenyl-phenylether
 Concen: 3.55 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:248 Resp: 7506
 Ion Ratio Lower Upper
 248 100
 250 184.6 76.8 115.2#
 141 580.6 68.6 103.0#

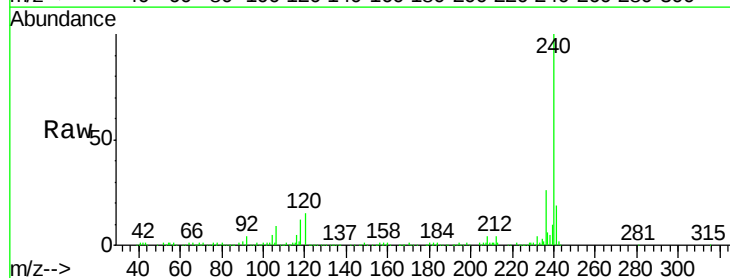


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

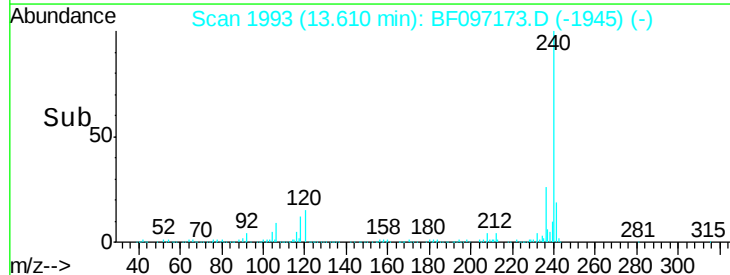
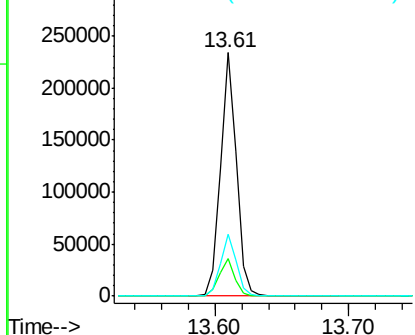


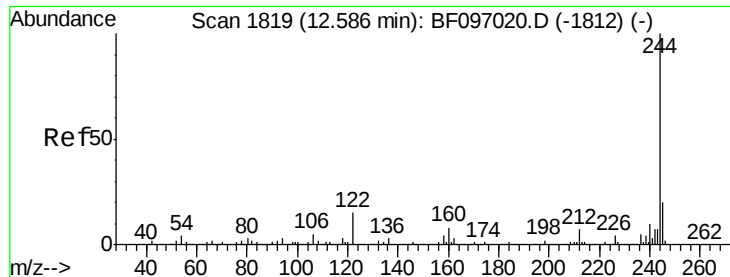
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Tgt Ion:240 Resp: 198252
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 25.6 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

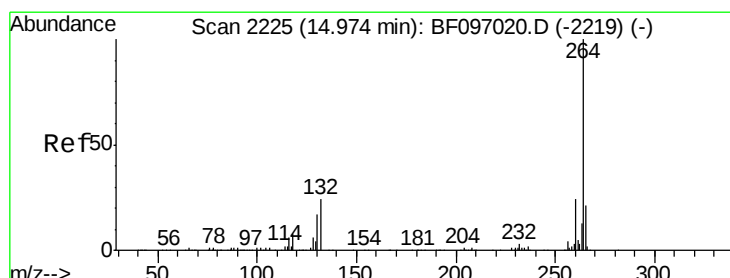
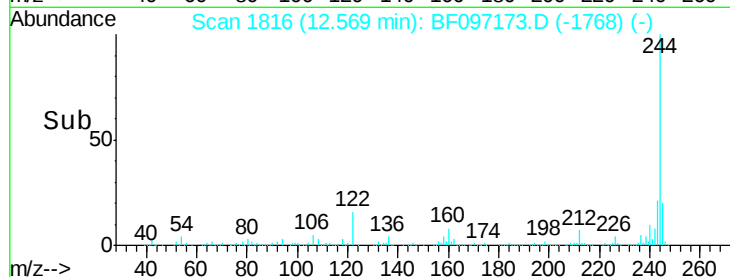
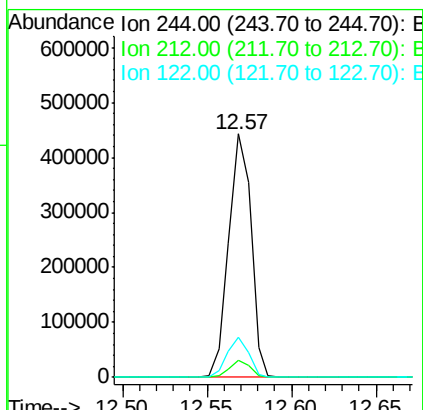
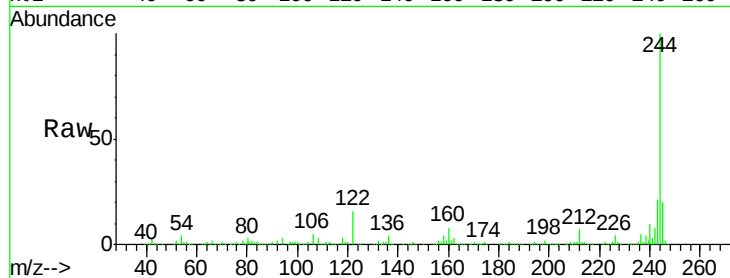




#78
 Terphenyl-d14
 Concen: 42.06 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:244 Resp: 408944
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 16.2 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097173.D
 Acq: 29 Jul 2017 00:14

Tgt Ion:264 Resp: 162847
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 17.2 25.8

