

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097048.D
 Acq On : 26 Jul 2017 00:07
 Operator : SJ/JU
 Sample : I4359-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 01:08:11 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

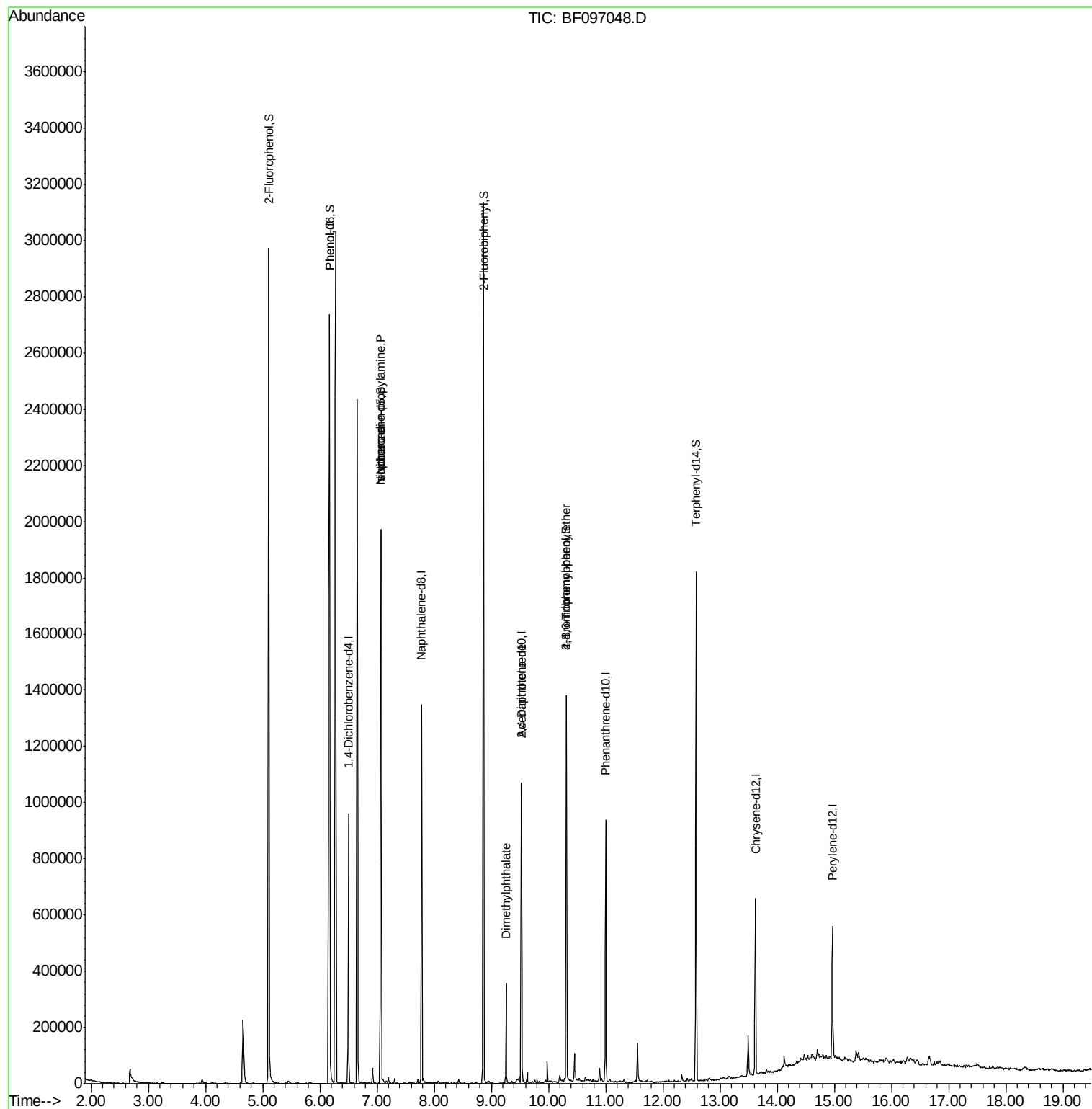
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	135013	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	551222	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	208350	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	296999	20.00	ng	0.00
75) Chrysene-d12	13.62	240	206044	20.00	ng	0.00
86) Perylene-d12	14.97	264	183488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	916007	102.28	ng	0.00
7) Phenol-d6	6.17	99	1060265	103.70	ng	0.00
23) Nitrobenzene-d5	7.07	82	639327	68.04	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	166293	101.02	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	986461	80.35	ng	0.00
78) Terphenyl-d14	12.59	244	577079	57.10	ng	0.00
Target Compounds						
10) Phenol	6.17	94	36151	2.98	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.07	70	85455	12.70	ng	# 89
25) Isophorone	7.07	82	632380	34.37	ng	# 67
49) Dimethylphthalate	9.26	163	126964	8.02	ng	98
56) 2,4-Dinitrotoluene	9.53	165	26490	6.87	ng	# 32
66) 4-Bromophenyl-phenylether	10.32	248	10149	3.42	ng	# 1

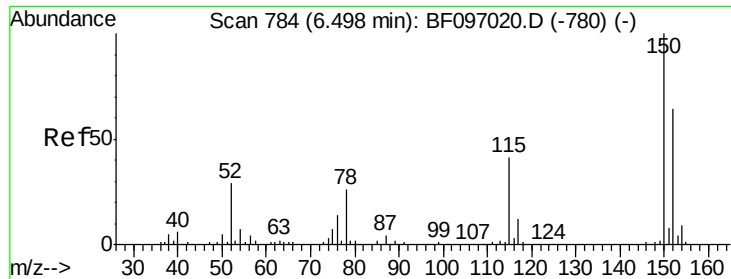
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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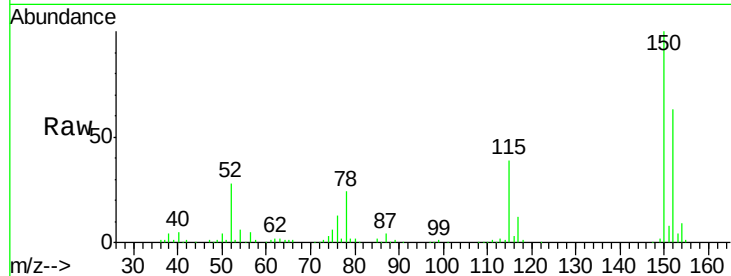


#1

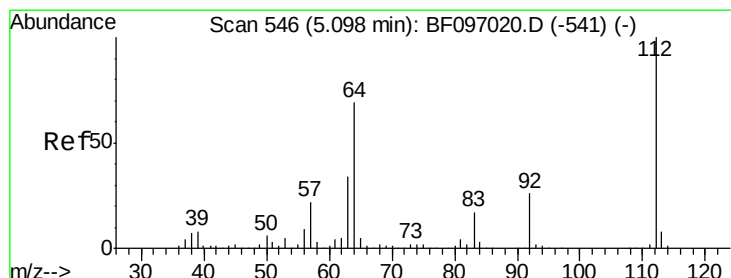
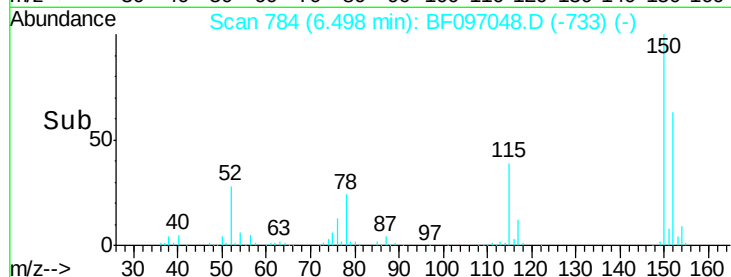
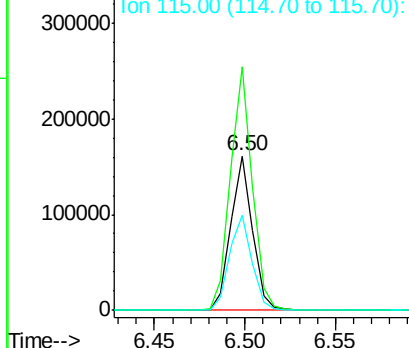
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135013
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.6 52.2 78.2



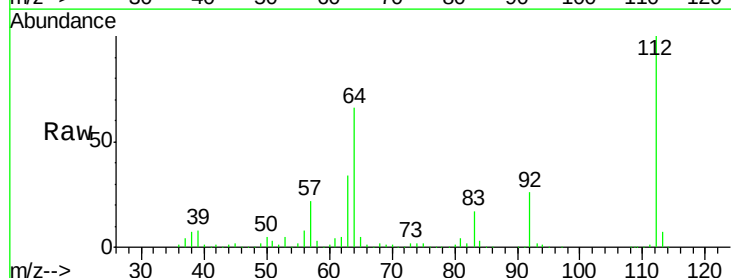
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



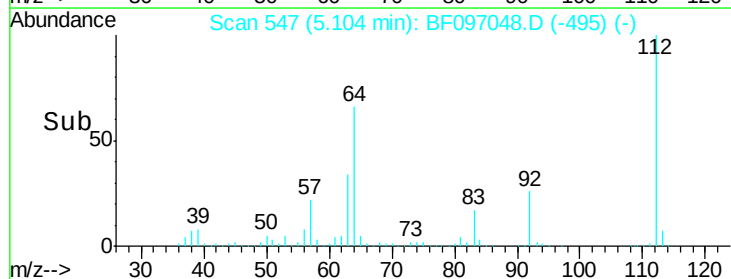
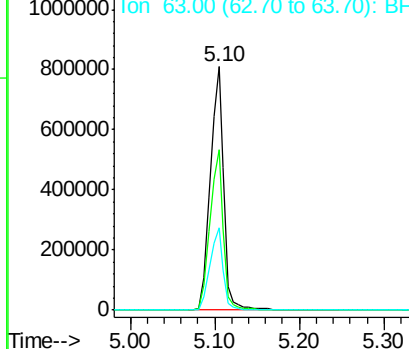
#5

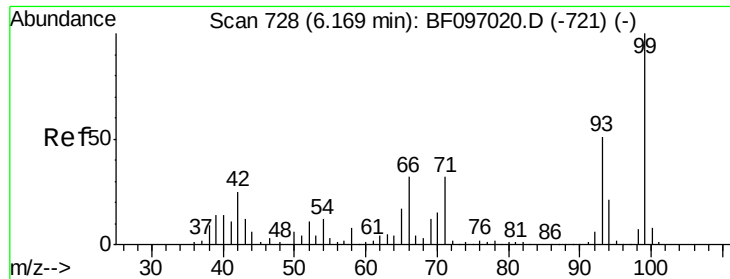
2-Fluorophenol
Concen: 102.28 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:112 Resp: 916007
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 34.0 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: 103.70 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

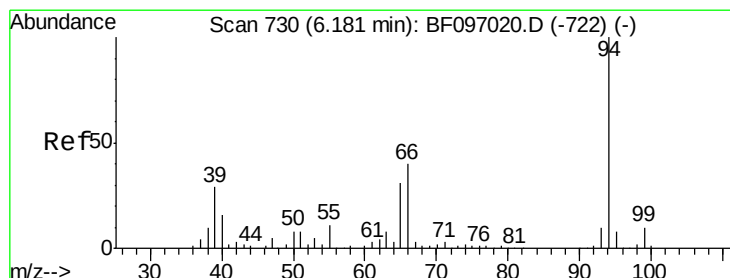
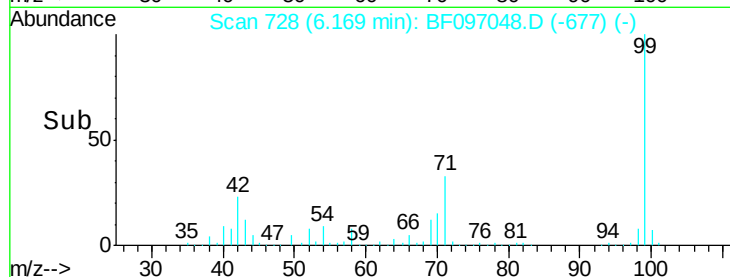
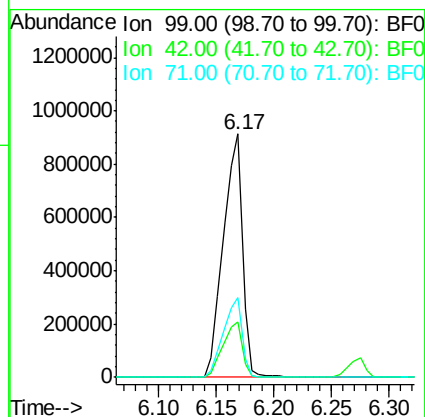
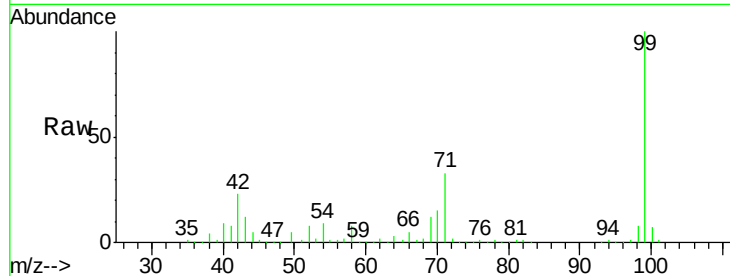
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1060265

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	32.8	24.5	36.7



#10

Phenol

Concen: 2.98 ng

RT: 6.17 min Scan# 729

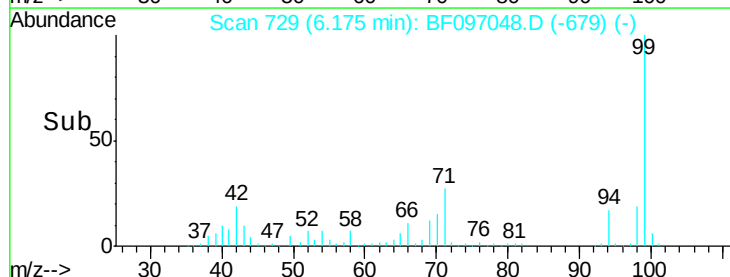
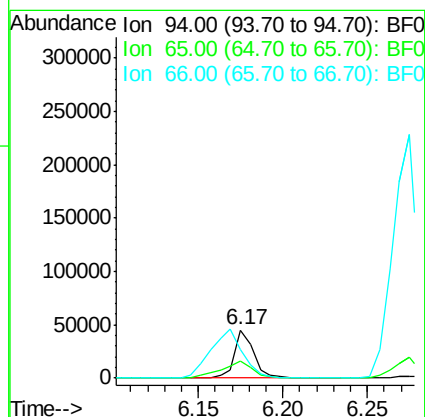
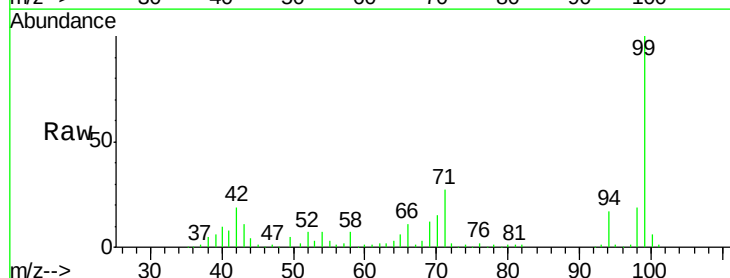
Delta R.T. -0.01 min

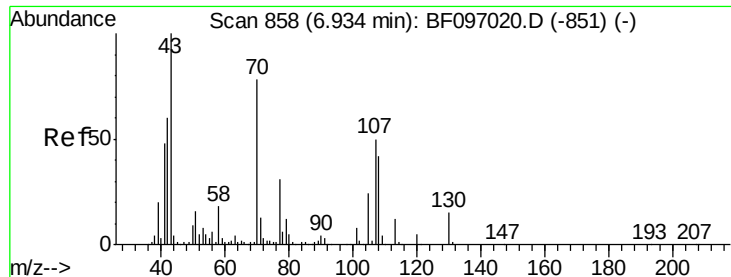
Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Tgt Ion: 94 Resp: 36151

Ion	Ratio	Lower	Upper
94	100		
65	35.3	9.9	49.9
66	60.3	23.1	63.1

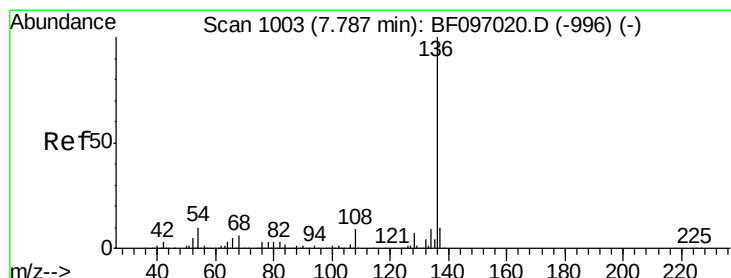
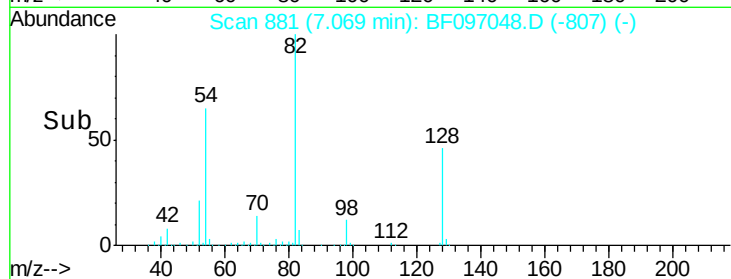
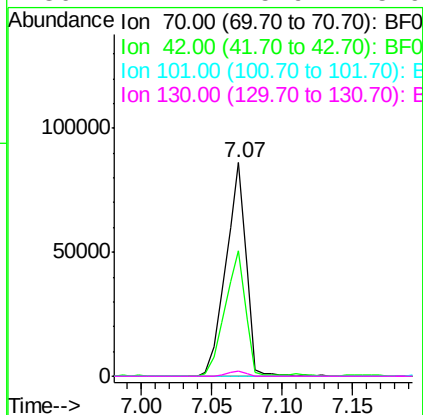
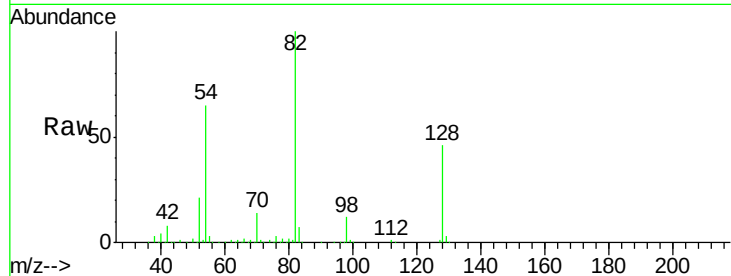




#19
n-Nitroso-di-n-propylamine
Concen: 12.70 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

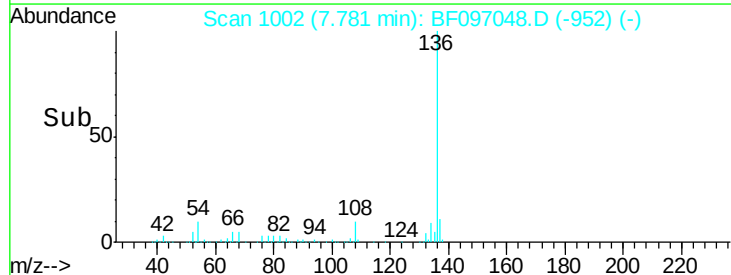
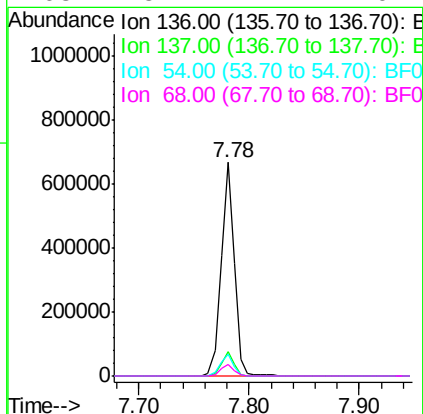
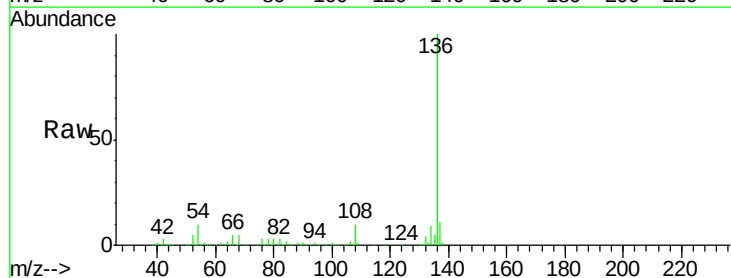
Instrument :
BNA_F
ClientSampleId :

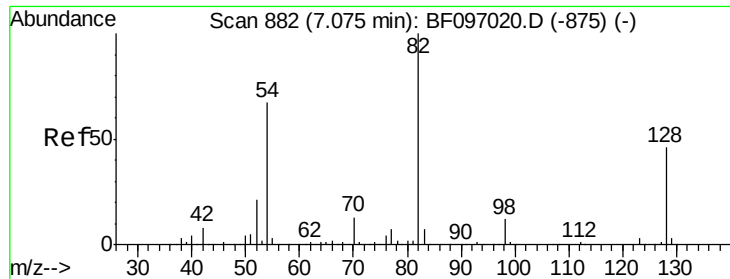
Tot Ion: 70 Resp: 85455
Ion Ratio Lower Upper
70 100
42 58.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:136 Resp: 551222
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.5 4.9 7.3#
68 5.4 4.1 6.1

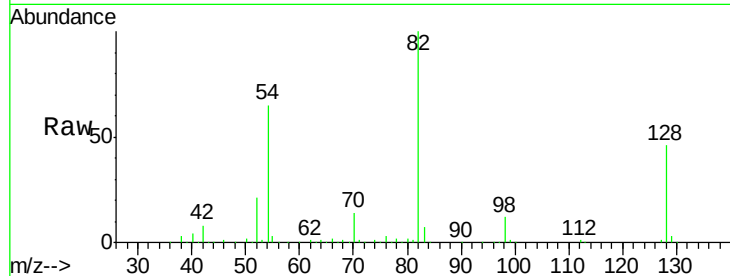




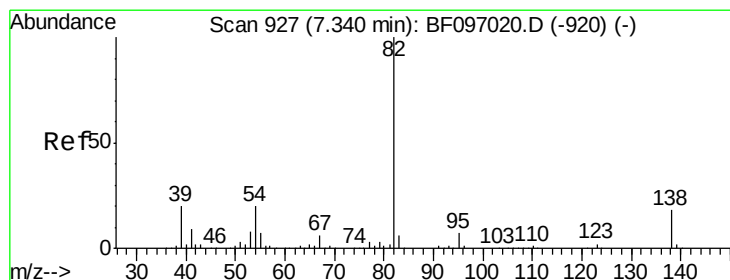
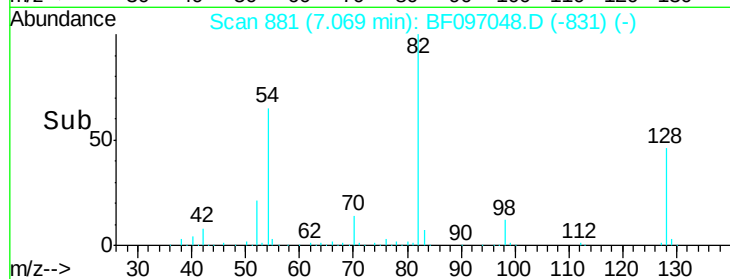
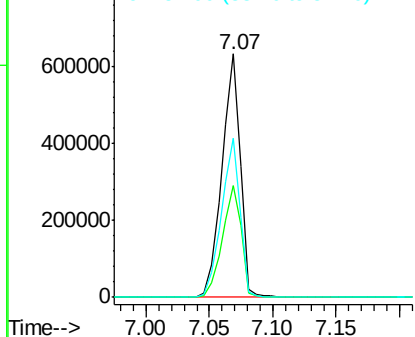
#23
 Nitrobenzene-d5
 Concen: 68.04 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 639327
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 65.4 42.2 63.2#

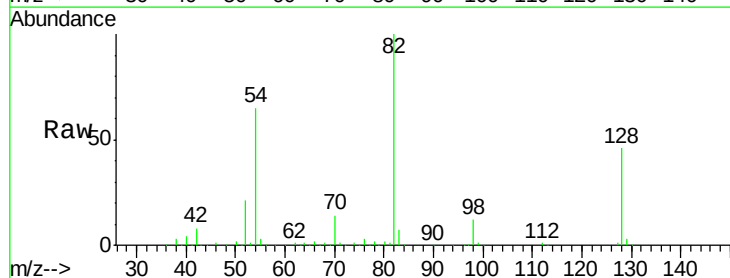


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

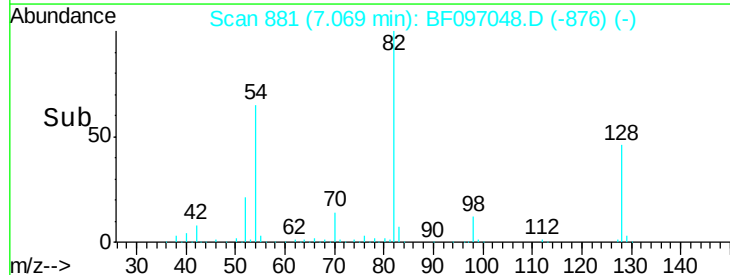
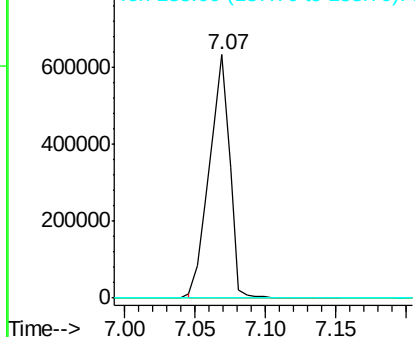


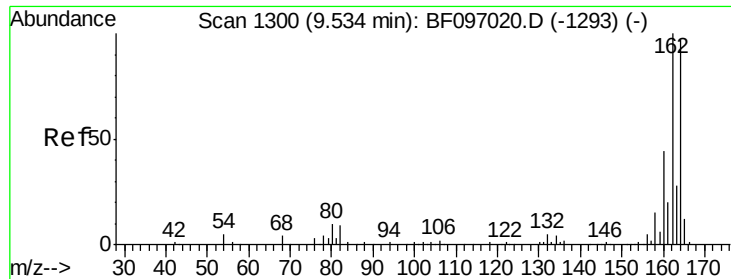
#25
 Isophorone
 Concen: 34.37 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion: 82 Resp: 632380
 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

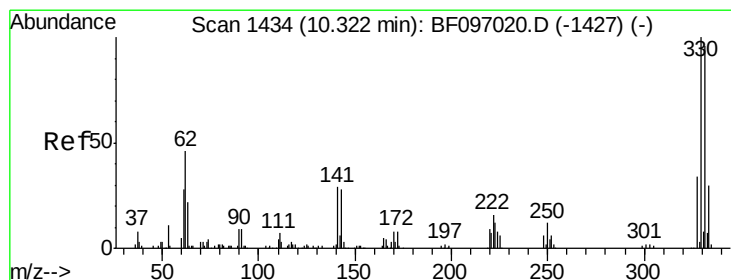
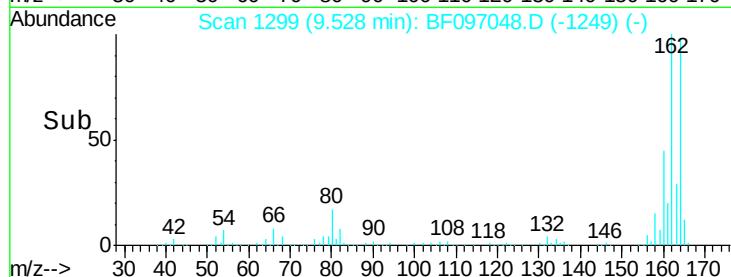
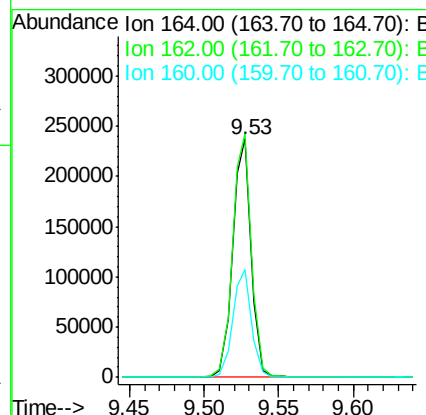
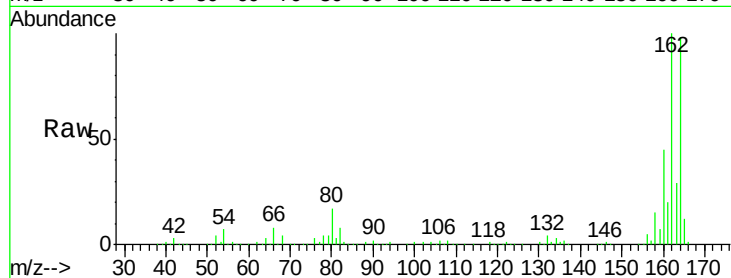




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

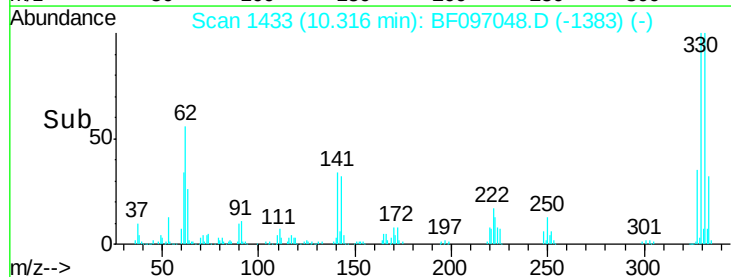
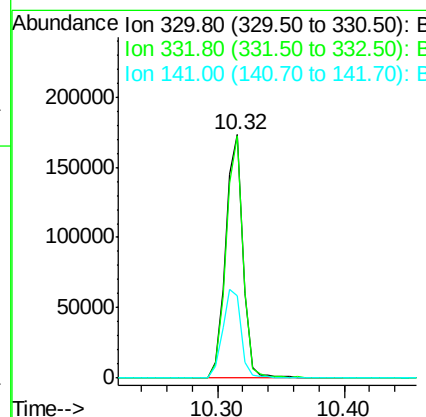
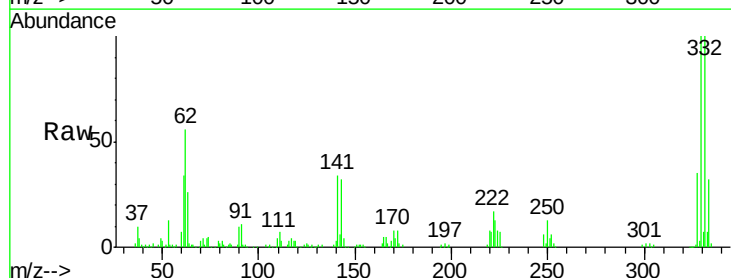
Instrument :
 BNA_F
 ClientSampleId :

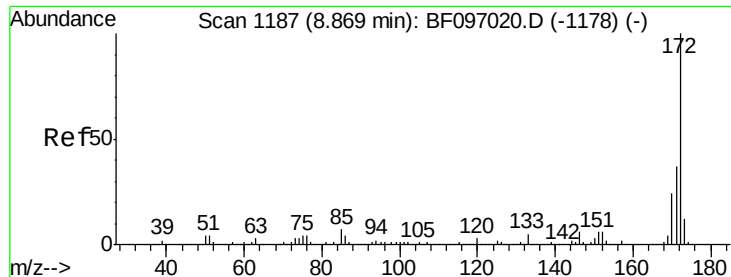
Tot Ion:164 Resp: 208350
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 101.02 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:330 Resp: 166293
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 38.8 31.4 47.2

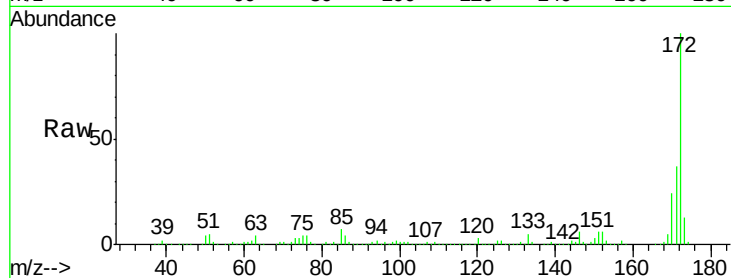




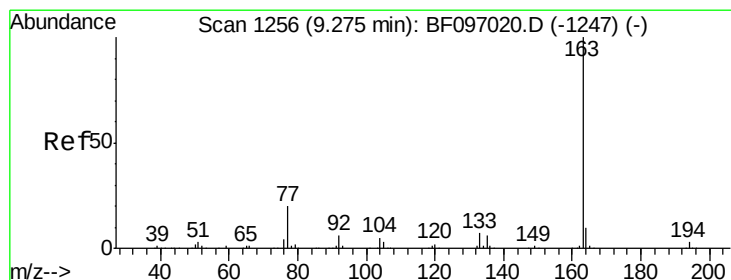
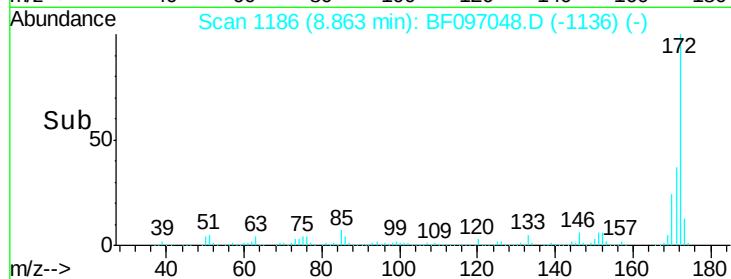
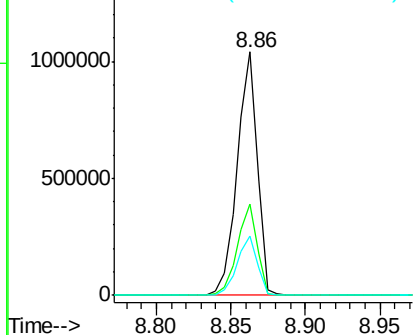
#44
 2-Fluorobiphenyl
 Concen: 80.35 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 986461
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.3 19.8 29.8

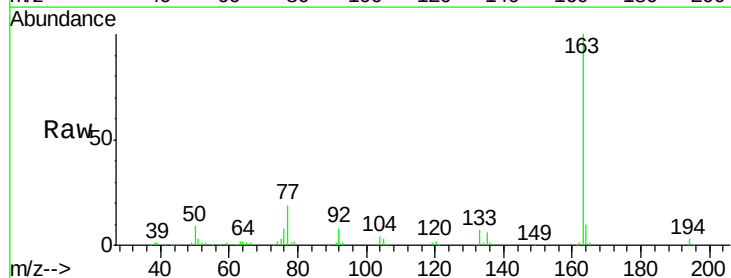


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

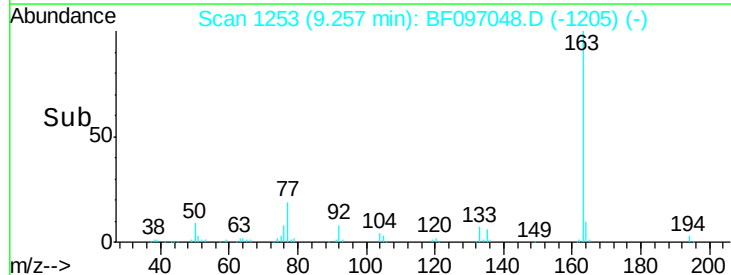
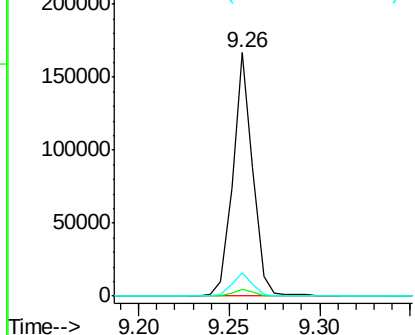


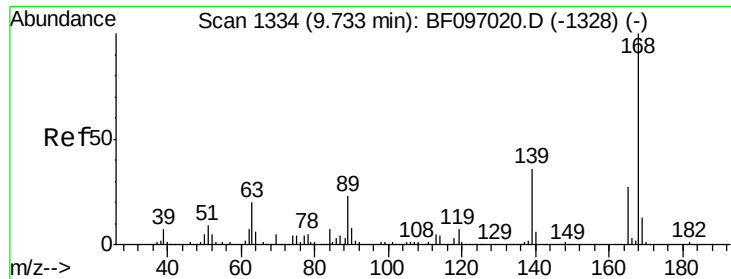
#49
 Dimethylphthalate
 Concen: 8.02 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:163 Resp: 126964
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 9.5 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

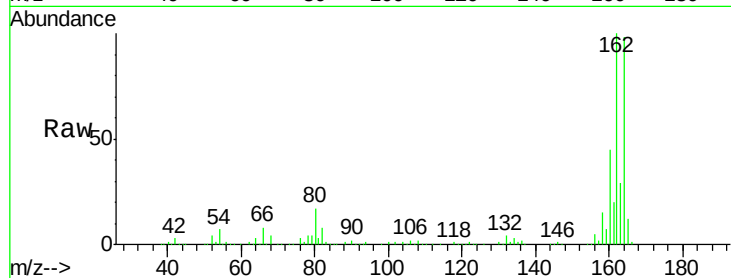




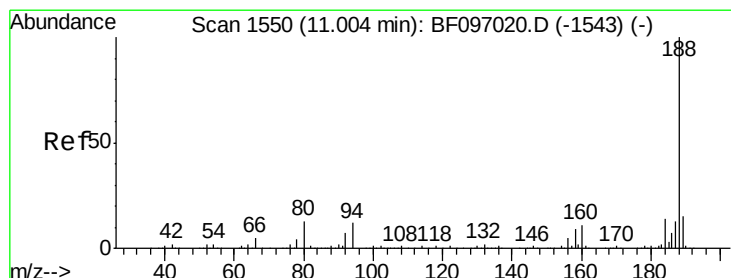
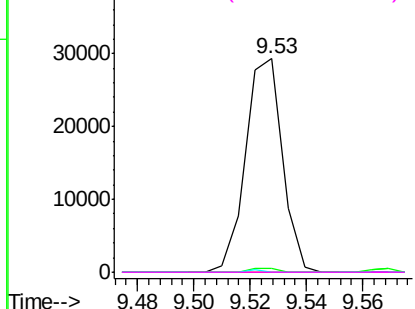
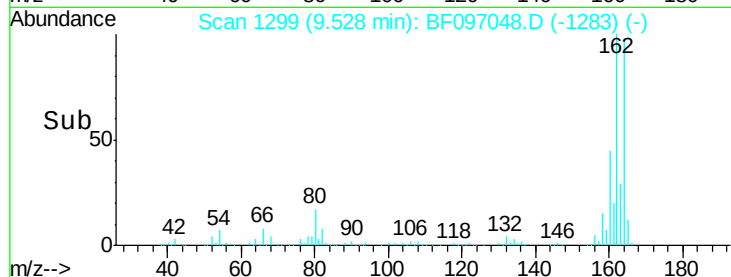
#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 26490
 Ion Ratio Lower Upper
 165 100
 63 1.9 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

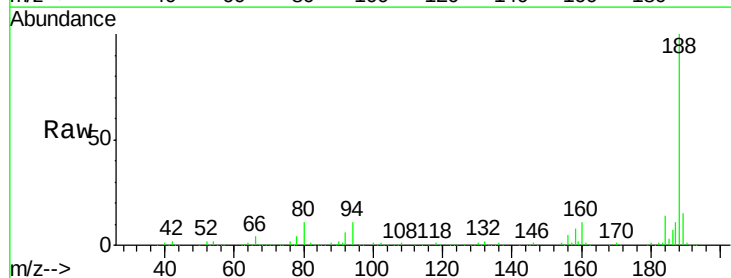


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

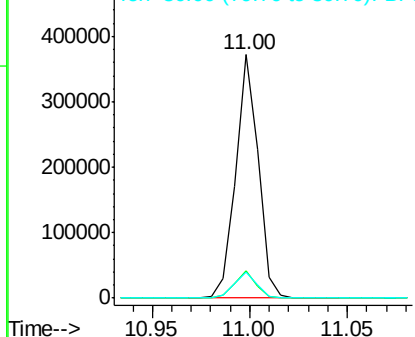
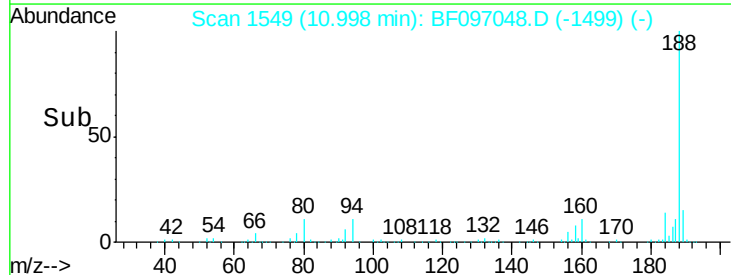


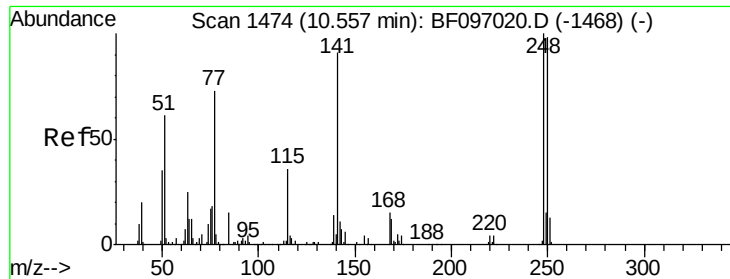
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:188 Resp: 296999
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 10.9 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

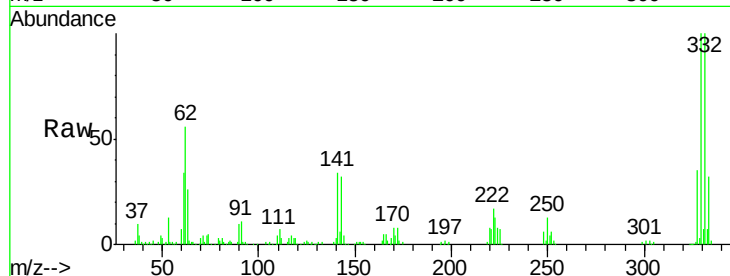




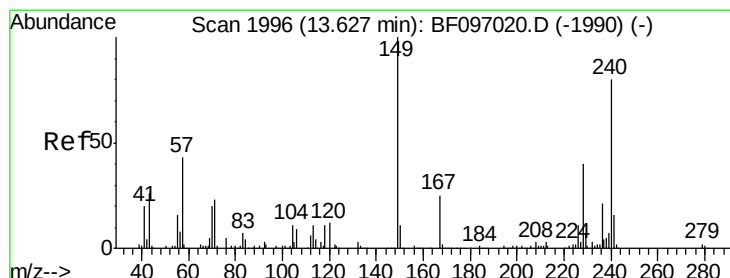
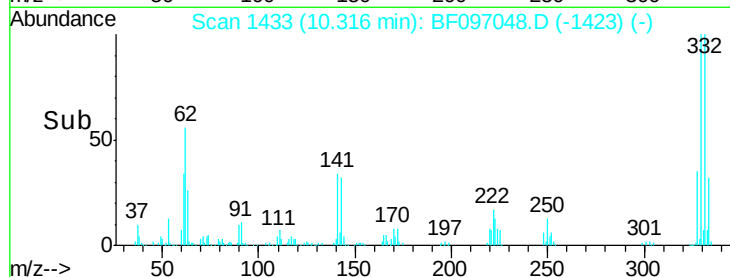
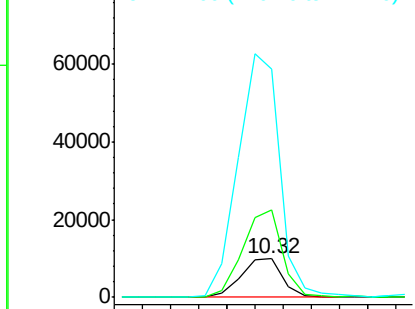
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10149
Ion Ratio Lower Upper
248 100
250 224.9 76.8 115.2#
141 591.9 68.6 103.0#

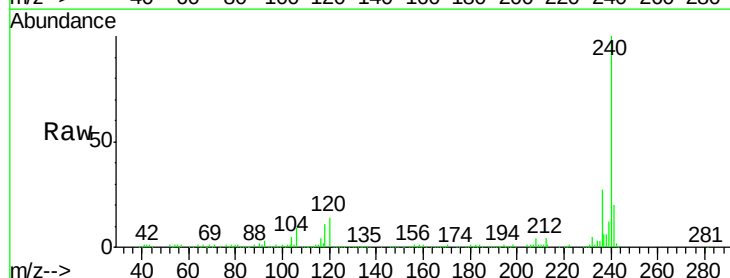


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

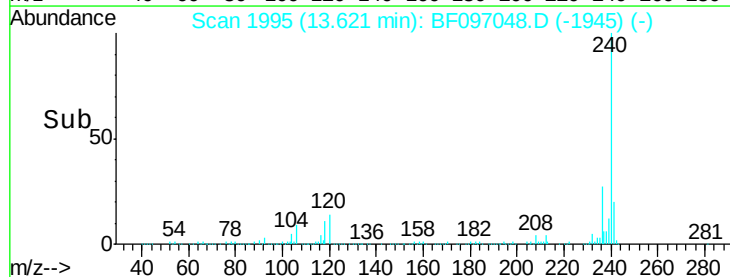
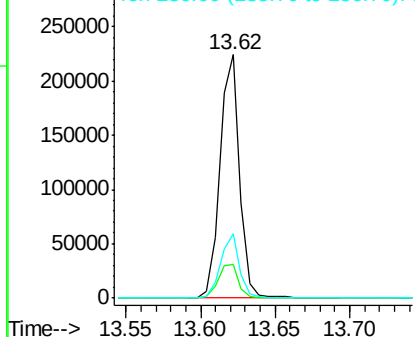


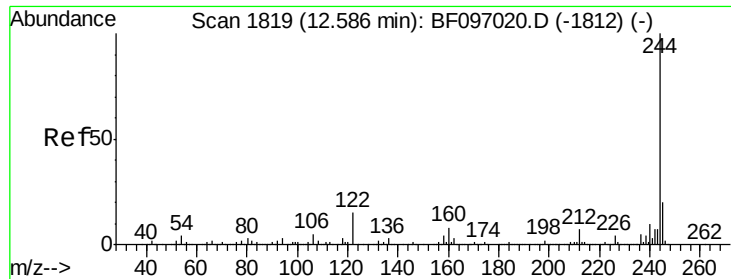
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:240 Resp: 206044
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.6 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

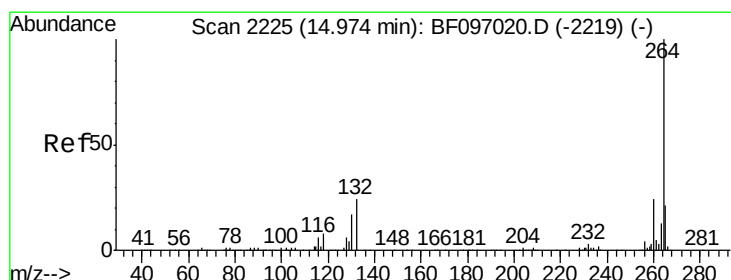
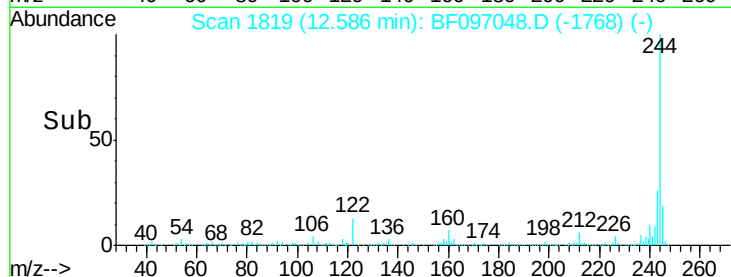
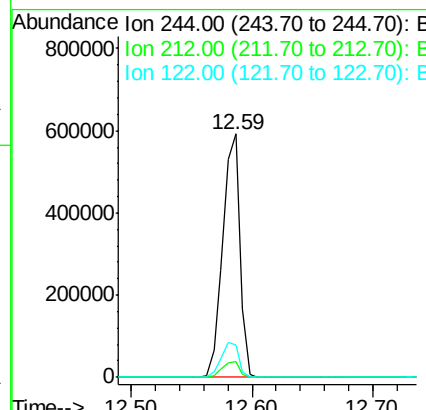
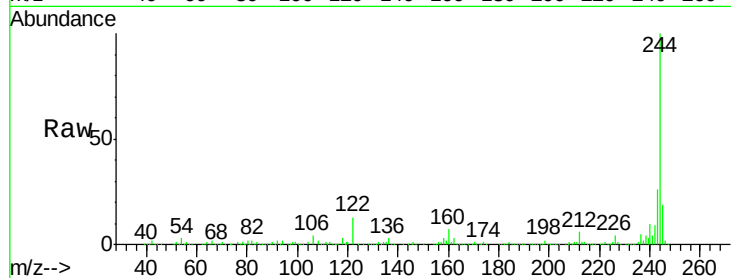




#78
 Terphenyl-d14
 Concen: 57.10 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 577079
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:264 Resp: 183488
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 22.4 17.2 25.8

