

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097006.D
 Acq On : 25 Jul 2017 1:00
 Operator : SJ/JU
 Sample : I4360-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 01:48:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

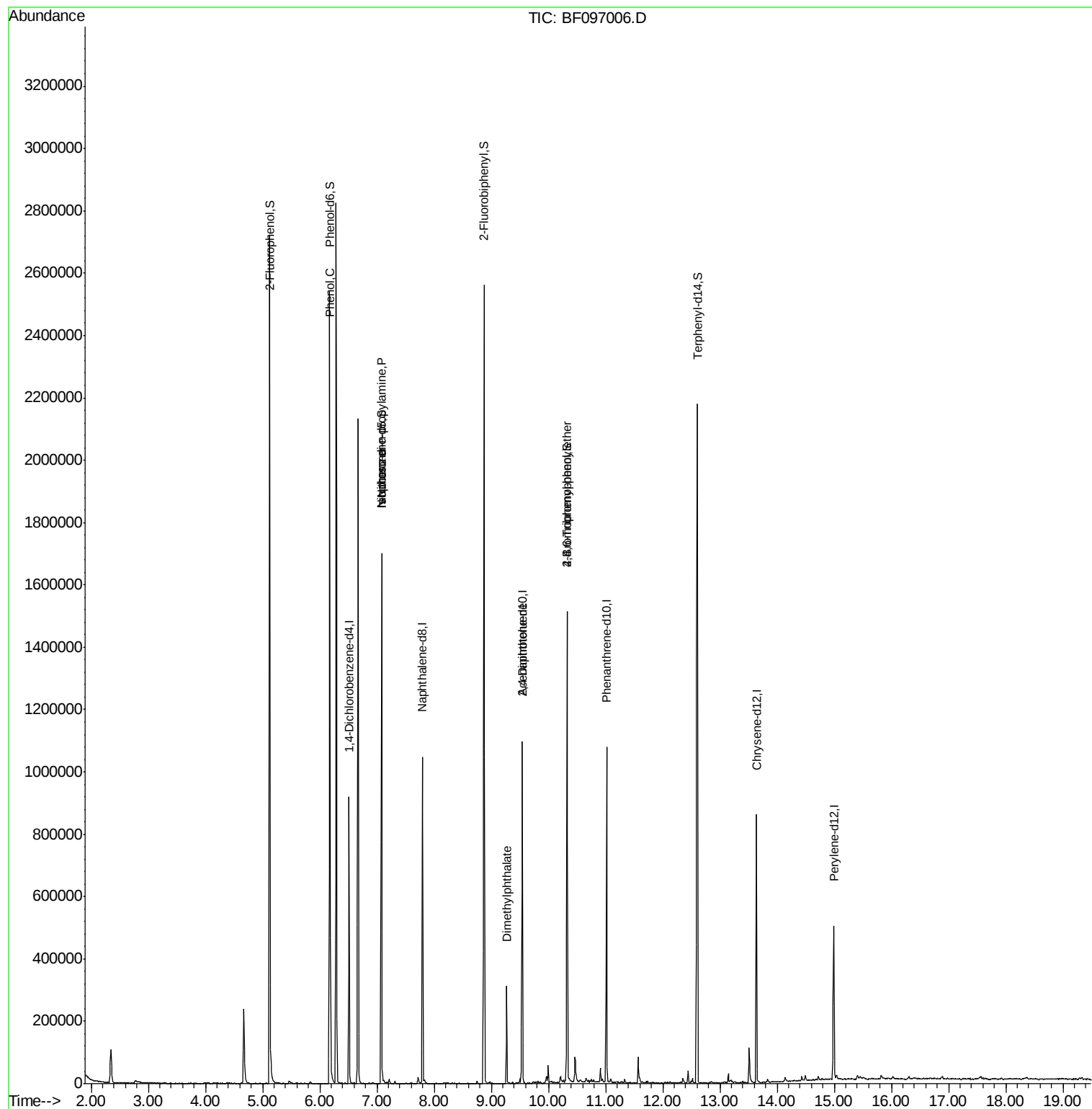
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	128119	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	496848	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	215024	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	382221	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	278217	20.00	ng	-0.04
86) Perylene-d12	14.99	264	194399	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	777707	91.27	ng	-0.03
7) Phenol-d6	6.17	99	940446	91.97	ng	-0.04
23) Nitrobenzene-d5	7.08	82	531054	66.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	170914	93.12	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	871728	64.05	ng	-0.04
78) Terphenyl-d14	12.60	244	751788	46.86	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	34036	2.94	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.08	70	72047	11.70	ng	# 88
25) Isophorone	7.08	82	529132	35.46	ng	# 67
49) Dimethylphthalate	9.27	163	122412	7.56	ng	100
56) 2,4-Dinitrotoluene	9.54	165	27043	6.00	ng	# 33
66) 4-Bromophenyl-phenylether	10.33	248	10615	2.72	ng	# 1

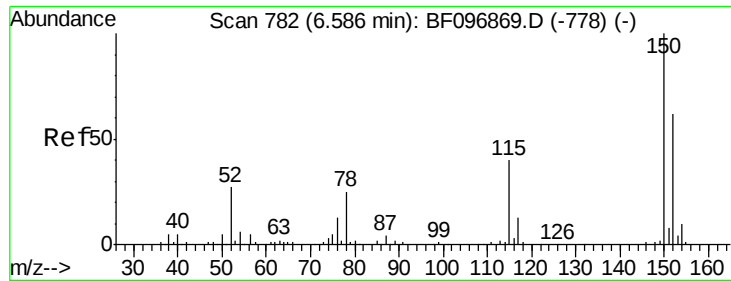
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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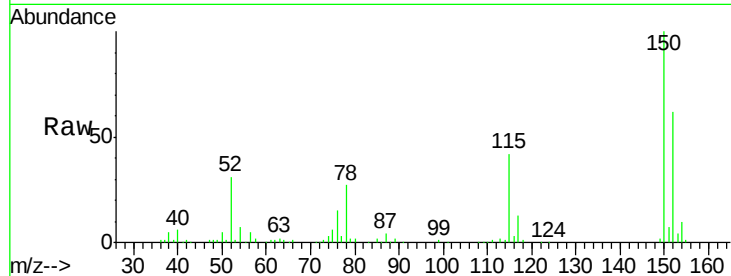


#1

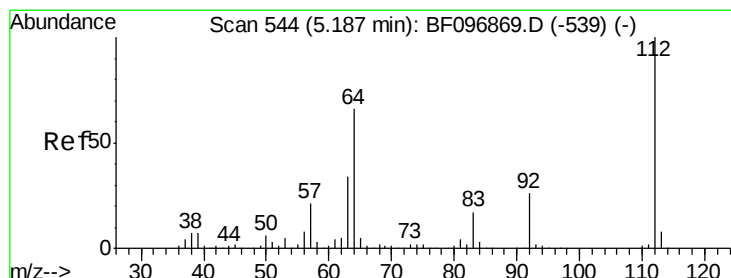
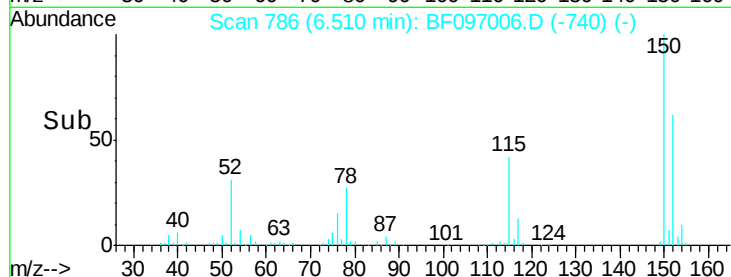
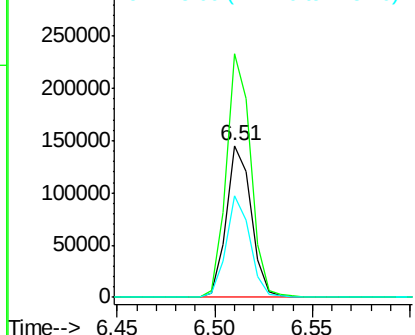
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128119
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 66.8 52.2 78.2



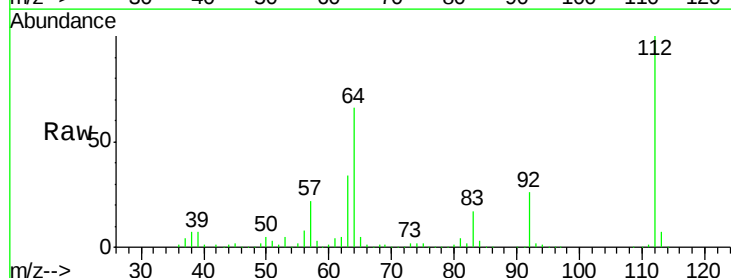
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



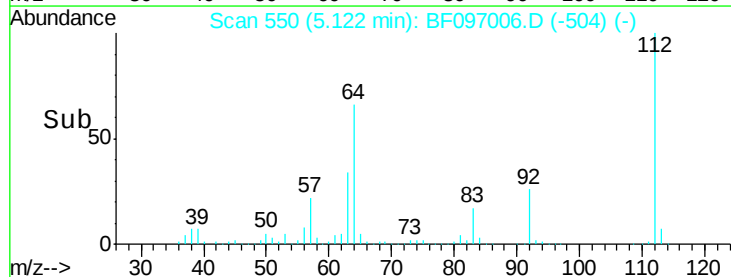
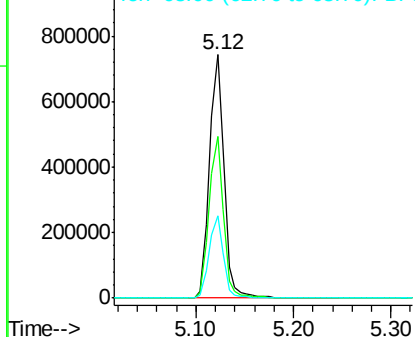
#5

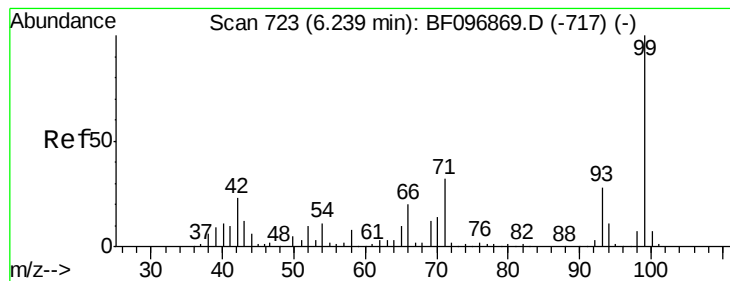
2-Fluorophenol
Concen: 91.27 ng
RT: 5.12 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion:112 Resp: 777707
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.7 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: 91.97 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.04 min

Lab File: BF097006.D

Acq: 25 Jul 2017 1:00

Instrument :

BNA_F

ClientSampled :

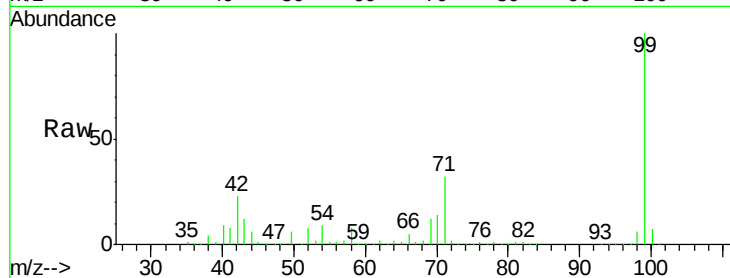
Tot Ion: 99 Resp: 940446

Ion Ratio Lower Upper

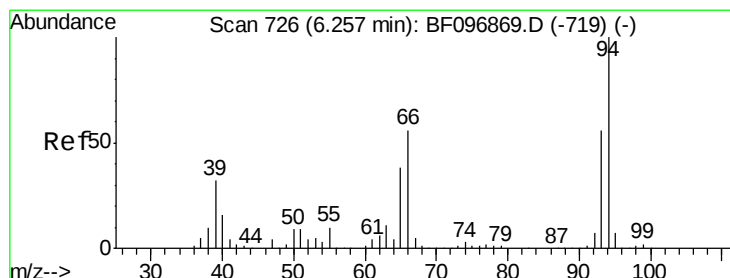
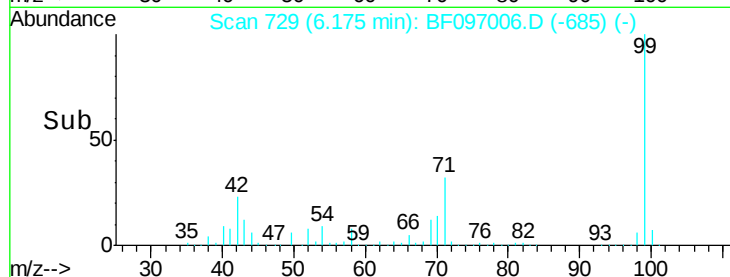
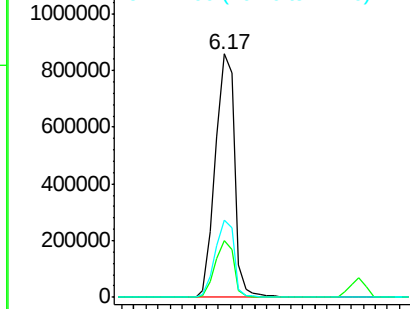
99 100

42 23.4 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: 2.94 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.04 min

Lab File: BF097006.D

Acq: 25 Jul 2017 1:00

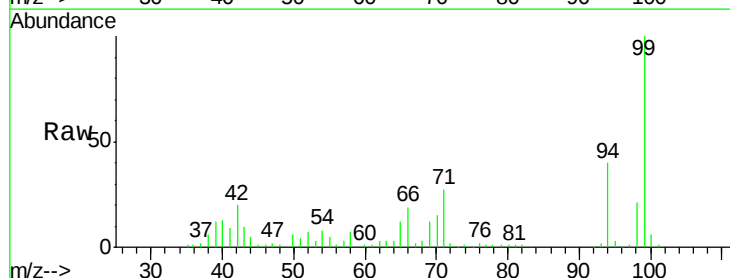
Tgt Ion: 94 Resp: 34036

Ion Ratio Lower Upper

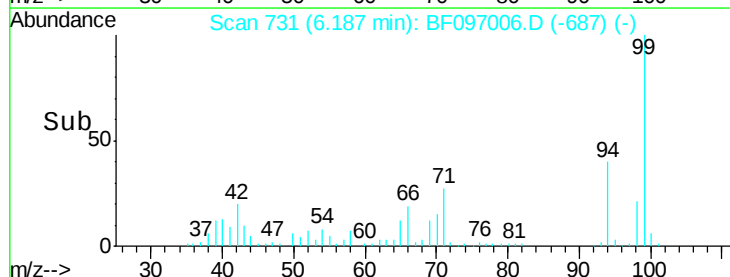
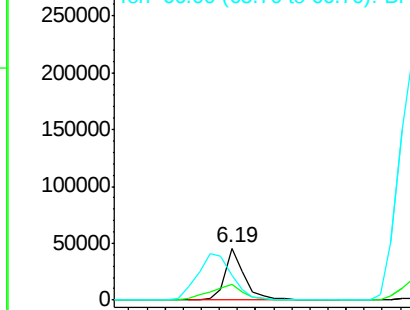
94 100

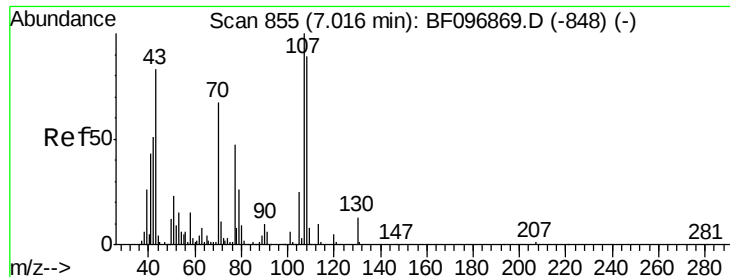
65 30.8 9.9 49.9

66 47.7 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

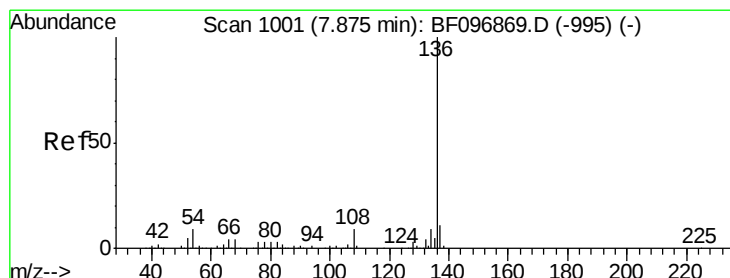
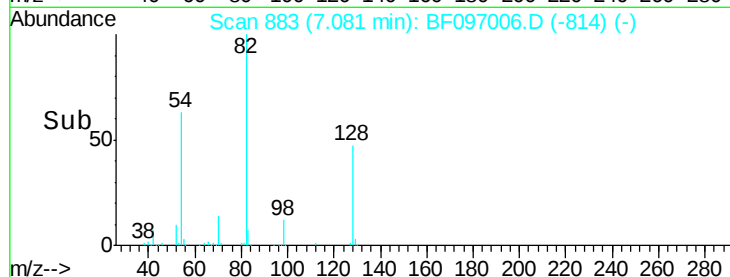
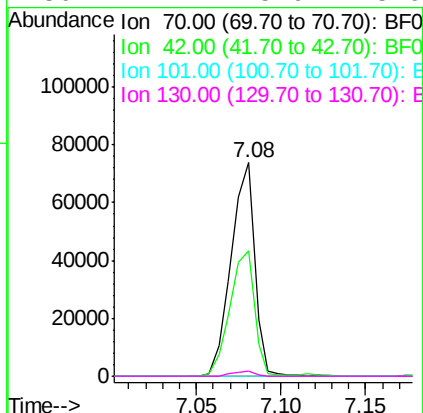
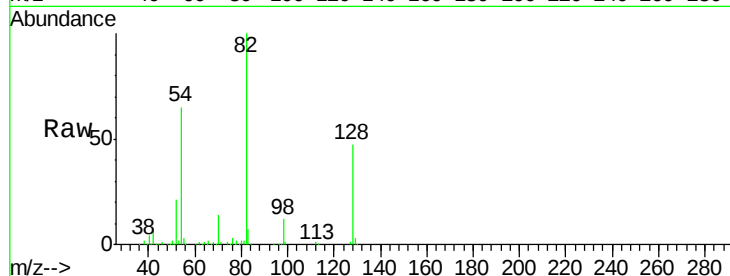




#19
n-Nitroso-di-n-propylamine
Concen: 11.70 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

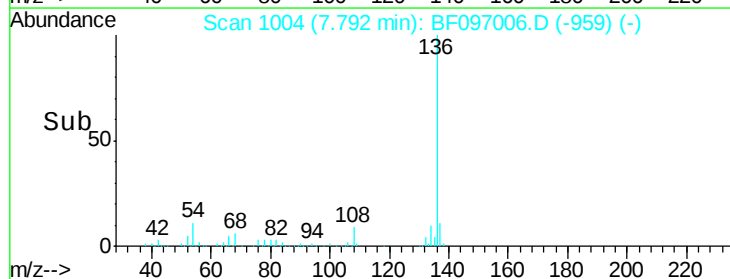
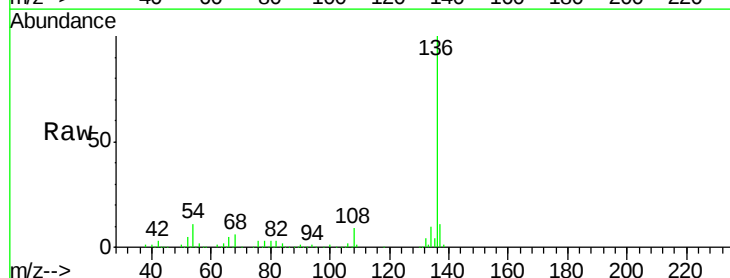
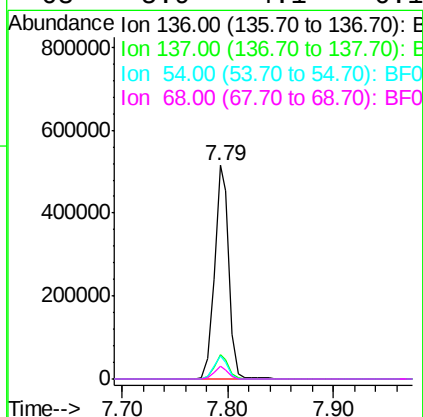
Instrument :
BNA_F
ClientSampleId :

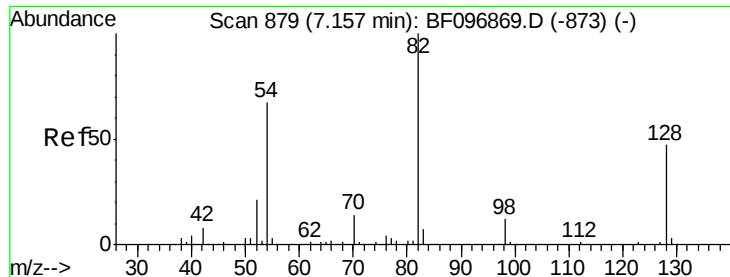
Tot Ion: 70 Resp: 72047
Ion Ratio Lower Upper
70 100
42 58.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion: 136 Resp: 496848
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.0 4.9 7.3#
68 5.9 4.1 6.1

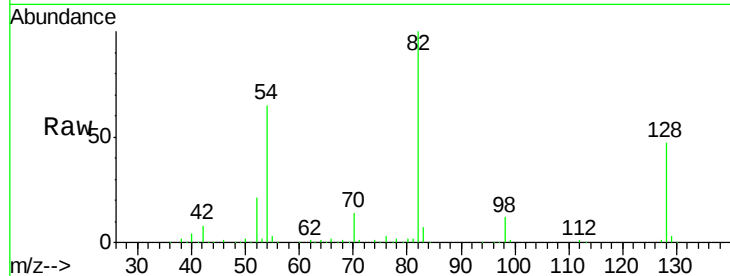




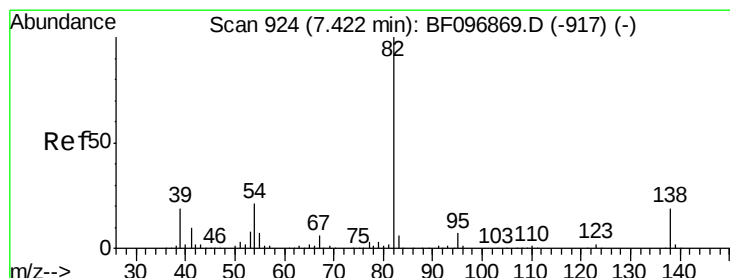
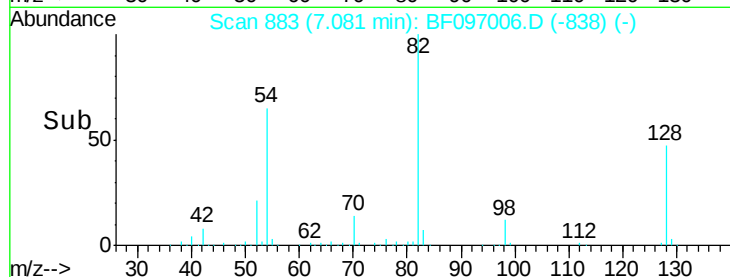
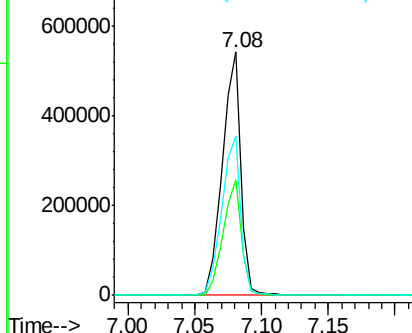
#23
Nitrobenzene-d5
Concen: 66.21 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 531054
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 65.5 42.2 63.2#

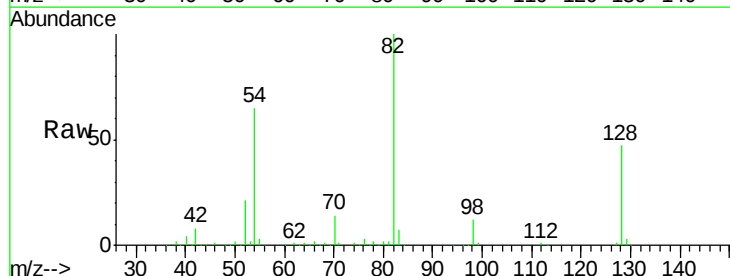


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

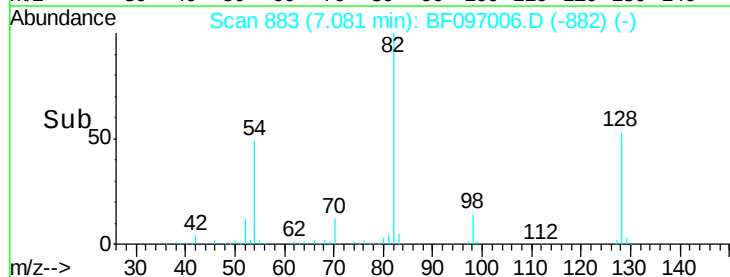
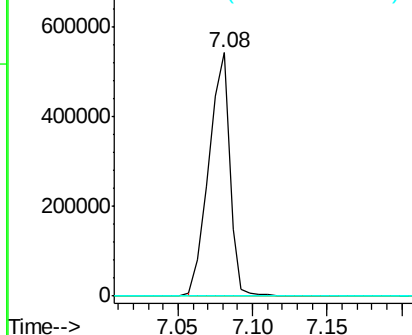


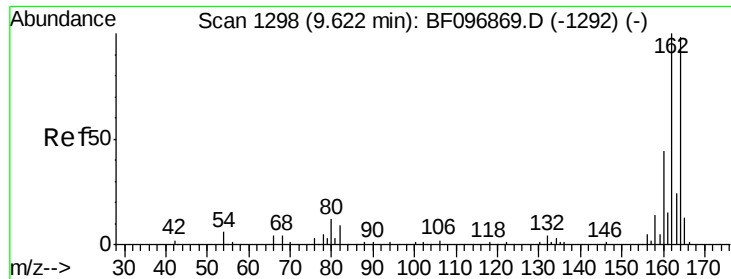
#25
Isophorone
Concen: 35.46 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.29 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion: 82 Resp: 529132
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

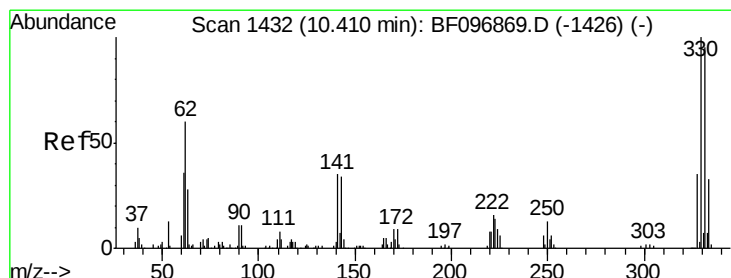
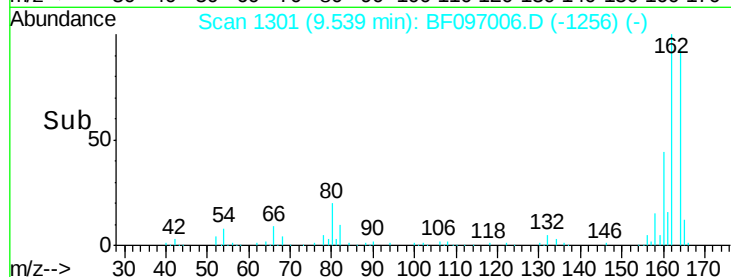
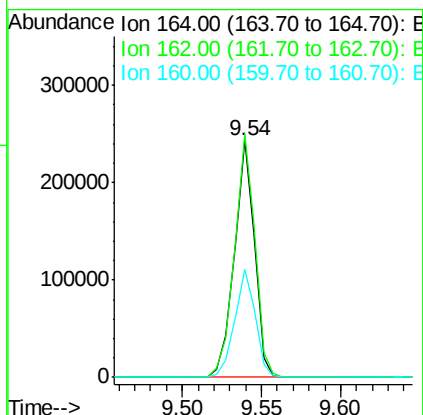
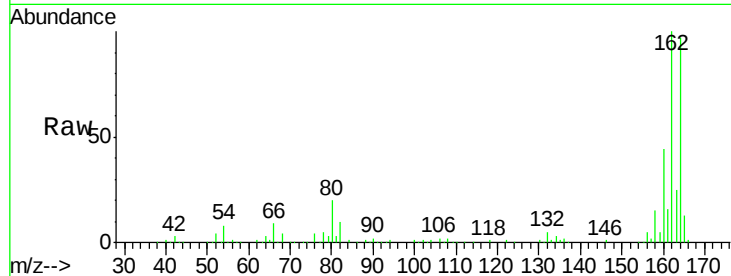




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

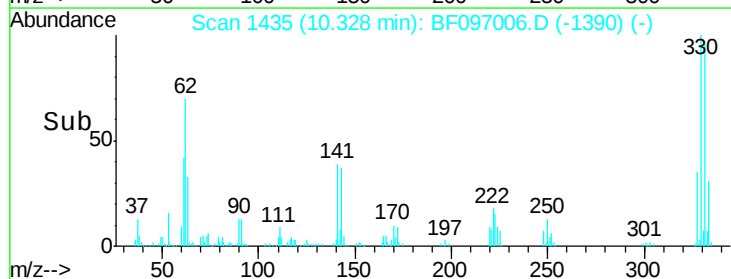
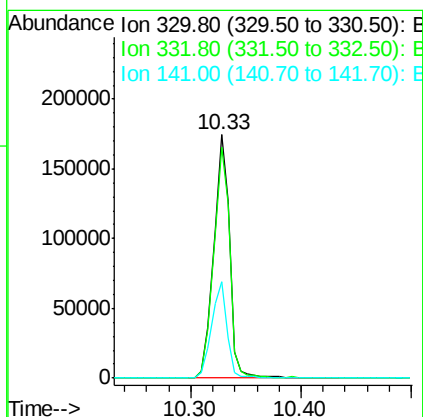
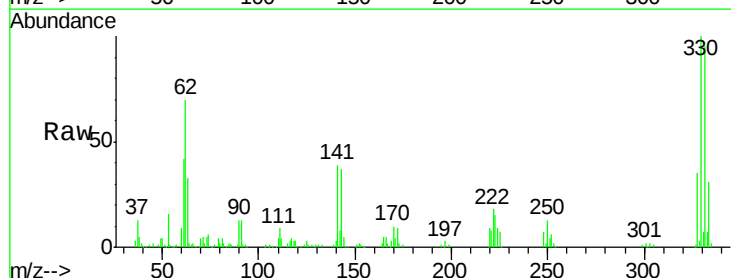
Instrument :
 BNA_F
 ClientSampleId :

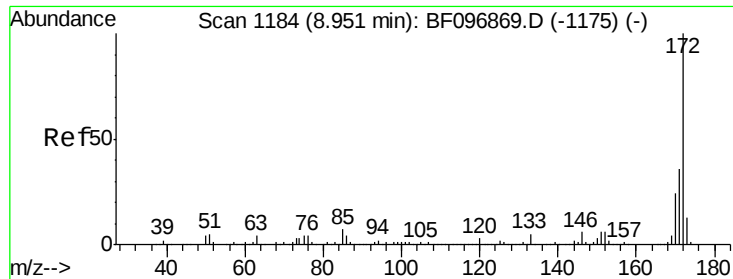
Tot Ion:164 Resp: 215024
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 93.12 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Tgt Ion:330 Resp: 170914
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.8 31.4 47.2

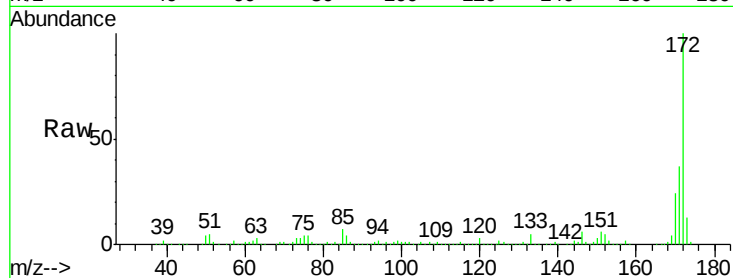




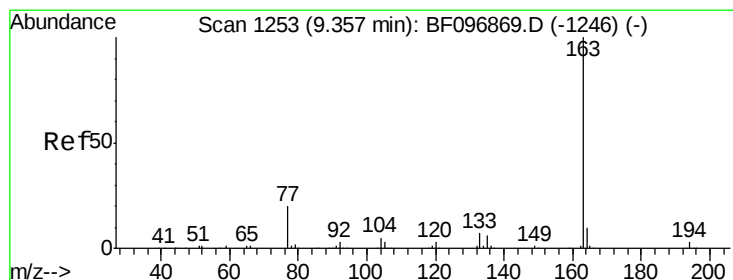
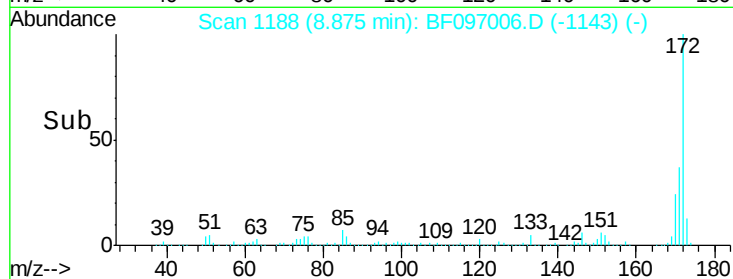
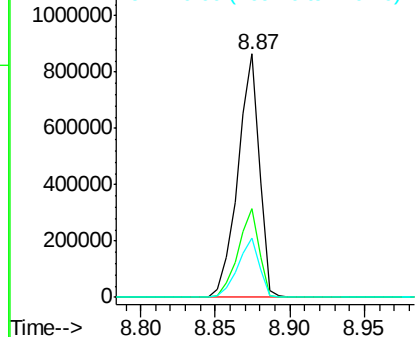
#44
 2-Fluorobiphenyl
 Concen: 64.05 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 871728
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.4 19.8 29.8

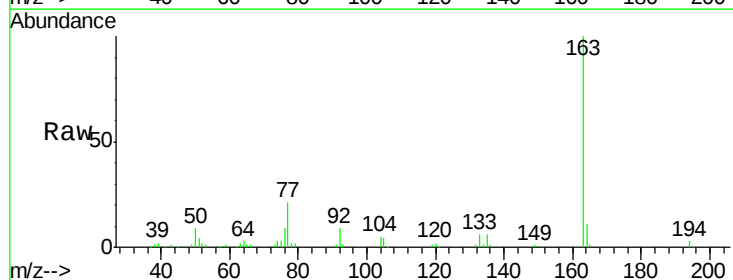


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

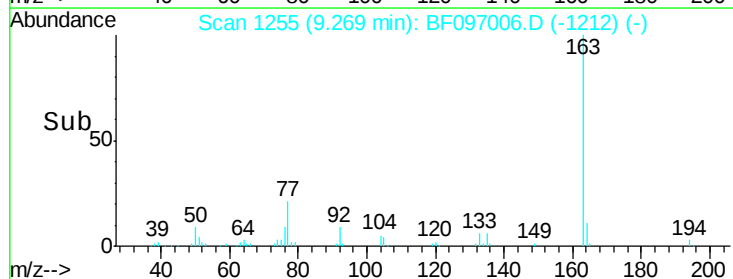
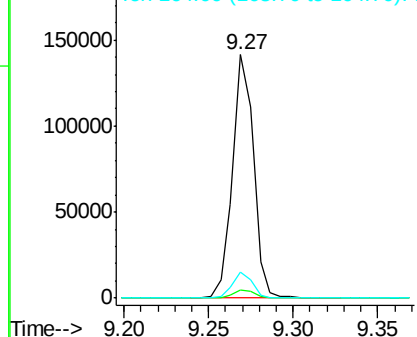


#49
 Dimethylphthalate
 Concen: 7.56 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Tgt Ion:163 Resp: 122412
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.6 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

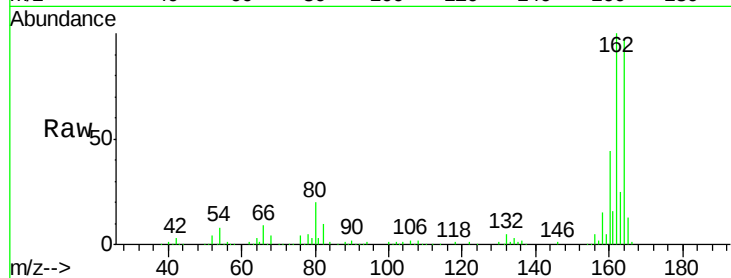




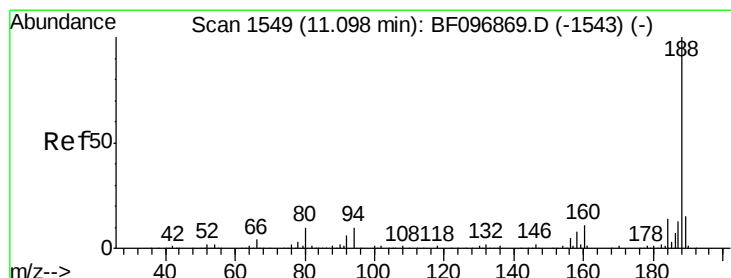
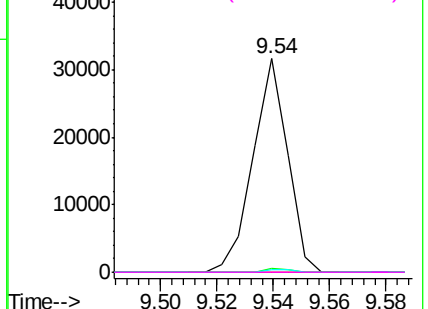
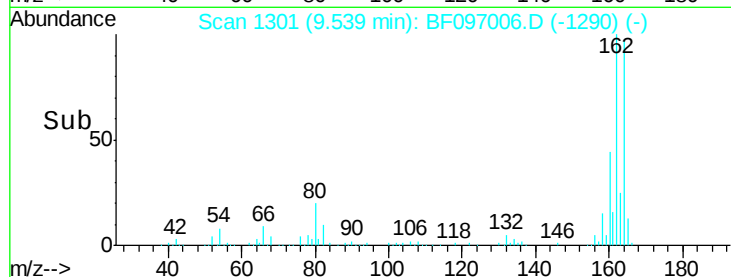
#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 27043
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

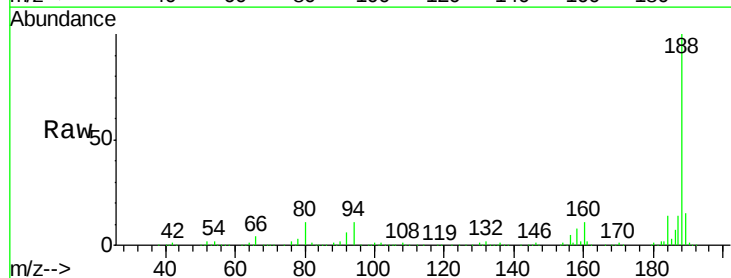


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

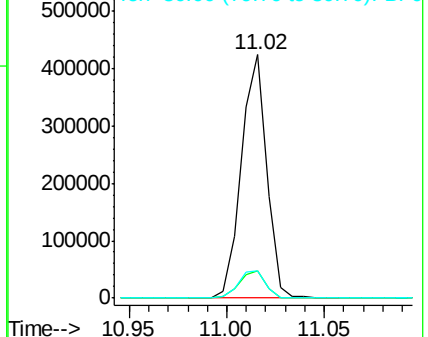
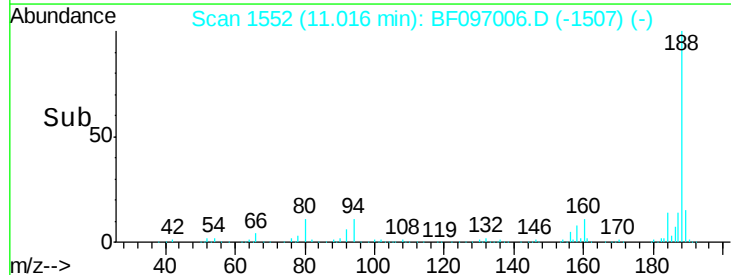


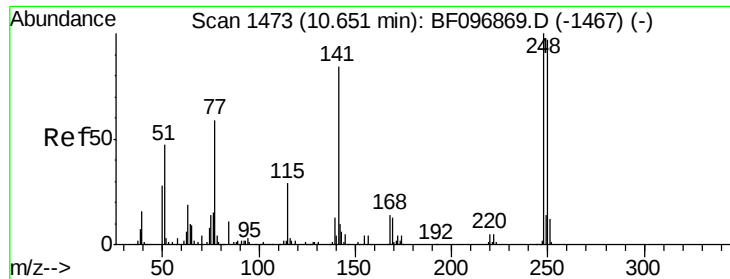
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Tgt Ion:188 Resp: 382221
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.3 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

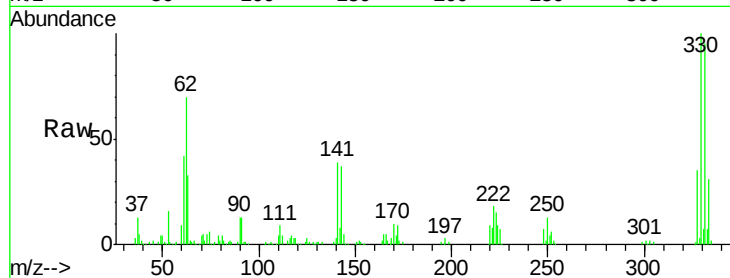




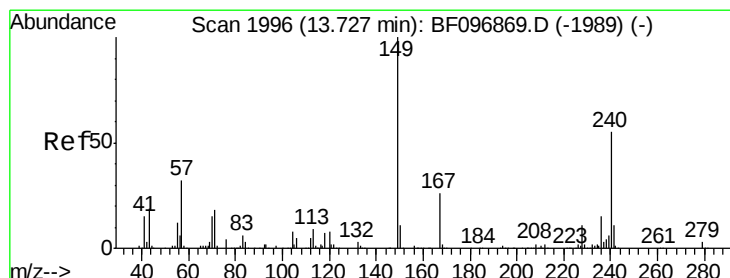
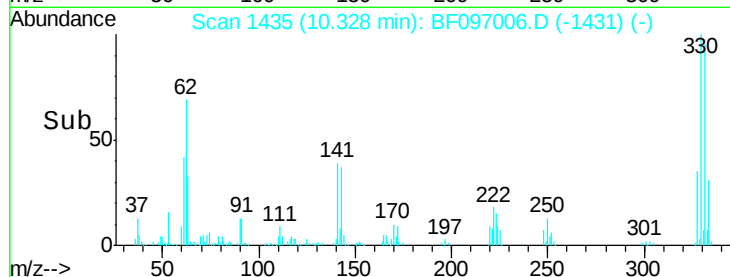
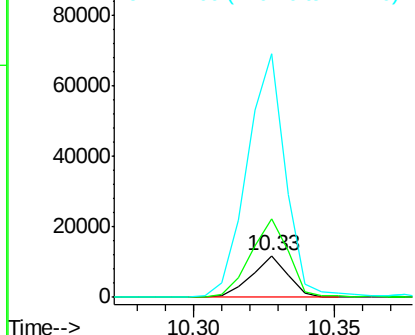
#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.28 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10615
Ion Ratio Lower Upper
248 100
250 188.9 76.8 115.2#
141 586.9 68.6 103.0#

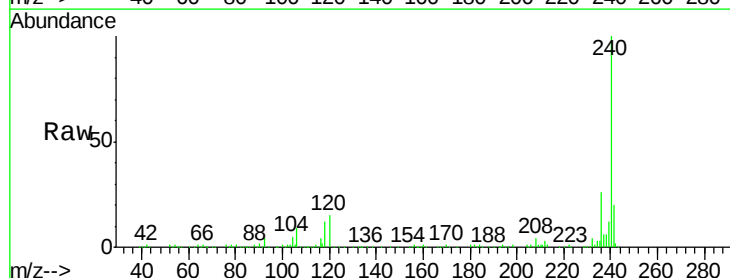


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

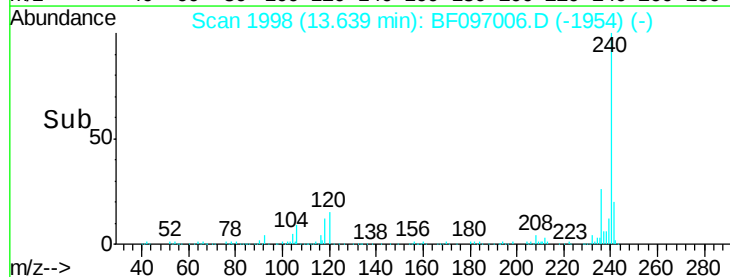
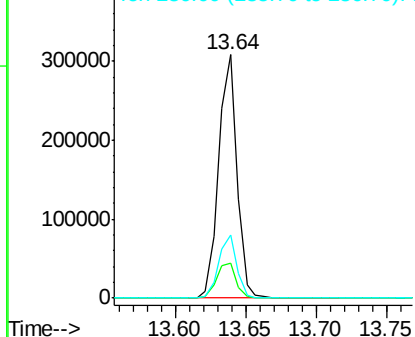


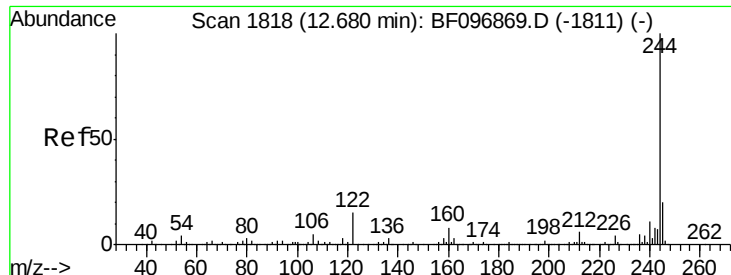
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion:240 Resp: 278217
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 26.1 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

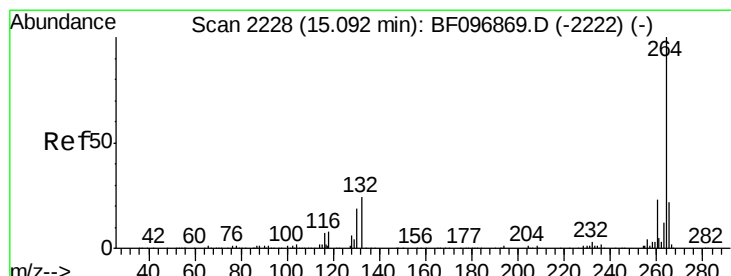
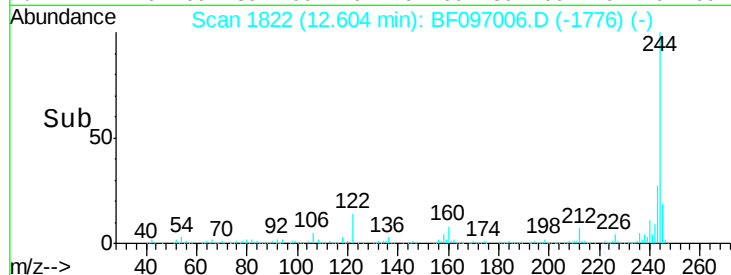
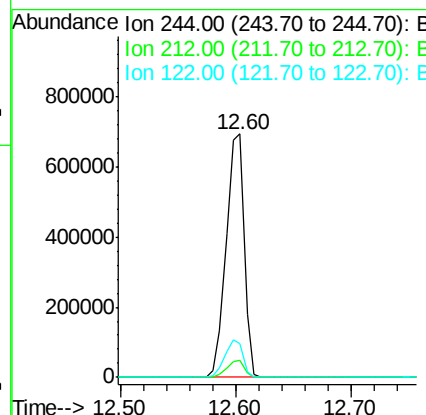
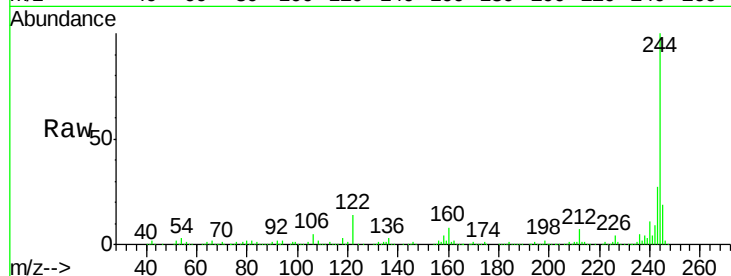




#78
 Terphenyl-d14
 Concen: 46.86 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 751788
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF097006.D
 Acq: 25 Jul 2017 1:00

Tgt Ion:264 Resp: 194399
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 17.2 25.8

