

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097010.D
 Acq On : 25 Jul 2017 2:49
 Operator : SJ/JU
 Sample : I4361-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 03:35:36 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

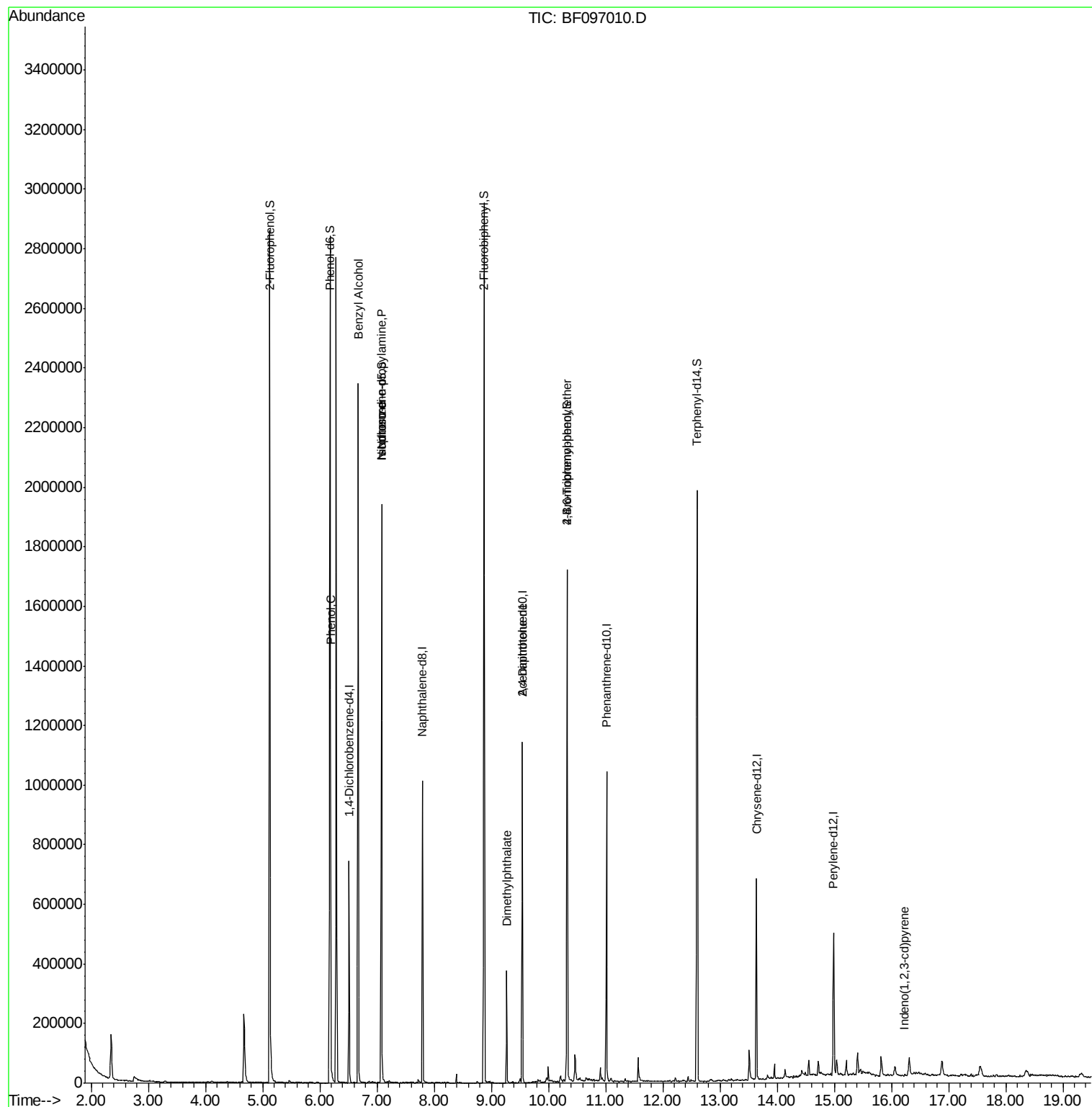
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	111171	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	484129	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	214710	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	361208	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	235172	20.00	ng	-0.04
86) Perylene-d12	14.99	264	196352	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	908768	122.91	ng	-0.02
7) Phenol-d6	6.18	99	1062543	119.75	ng	-0.04
23) Nitrobenzene-d5	7.08	82	630662	80.69	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	196102	107.00	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	997652	73.41	ng	-0.04
78) Terphenyl-d14	12.60	244	671903	49.55	ng	-0.04
Target Compounds						
10) Phenol	6.19	94	24921	2.48	ng	Qvalue 97
15) Benzyl Alcohol	6.67	79	12825	2.21	ng	# 38
19) n-Nitroso-di-n-propylamine	7.08	70	83404	15.60	ng	# 86
25) Isophorone	7.08	82	626616	43.10	ng	# 67
49) Dimethylphthalate	9.27	163	144016	8.91	ng	99
56) 2,4-Dinitrotoluene	9.54	165	27003	6.00	ng	# 32
66) 4-Bromophenyl-phenylether	10.33	248	12284	3.33	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.23	276	1043	3.40	ng	# 77

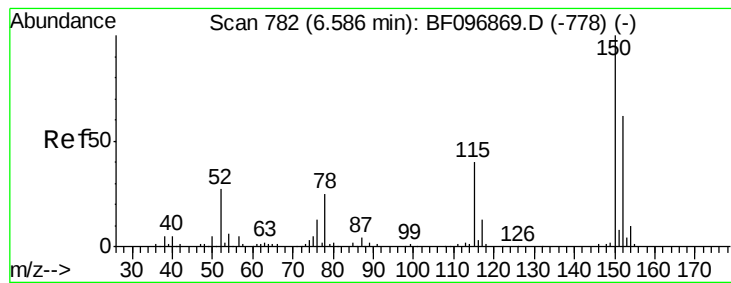
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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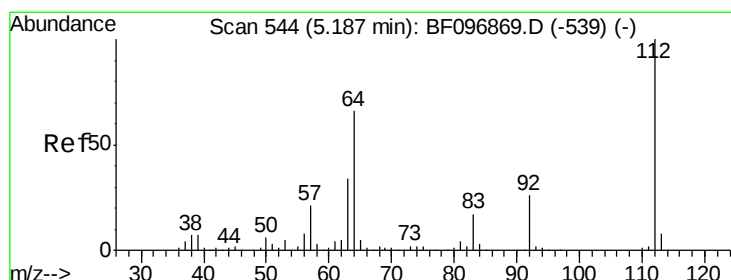
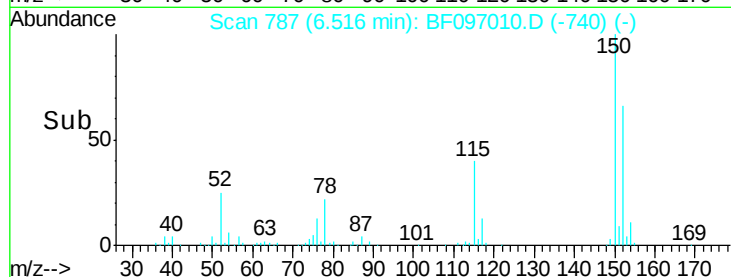
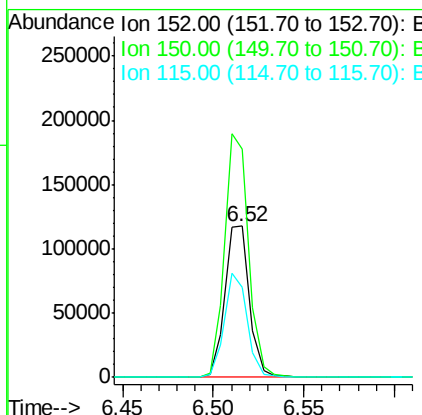
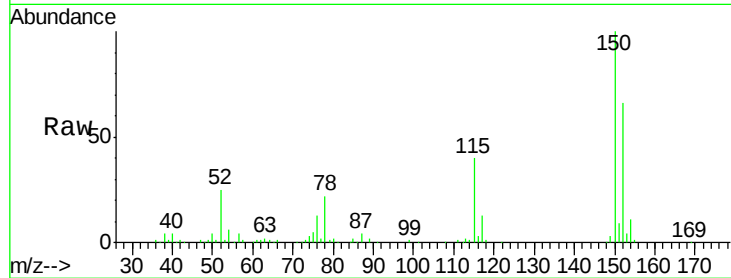




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF097010.D
 Acq: 25 Jul 2017 2:49

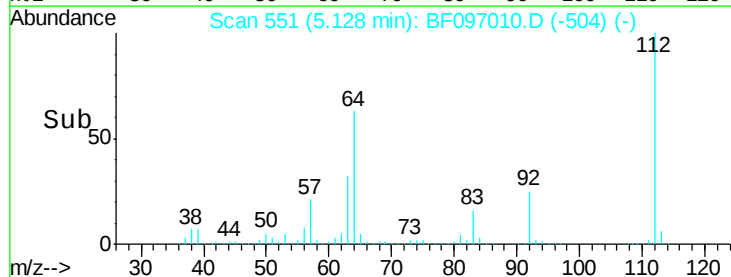
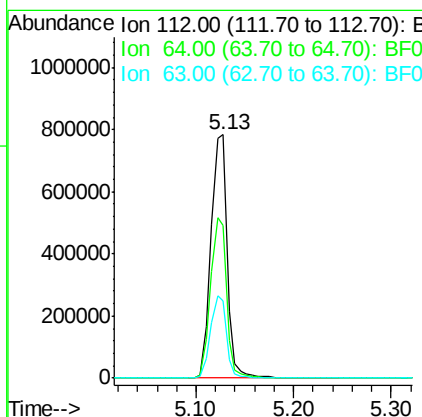
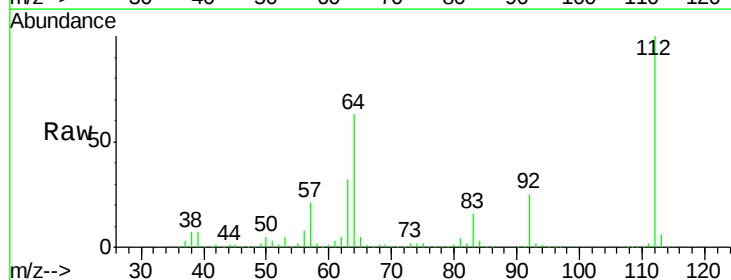
Instrument :
 BNA_F
 ClientSampleId :

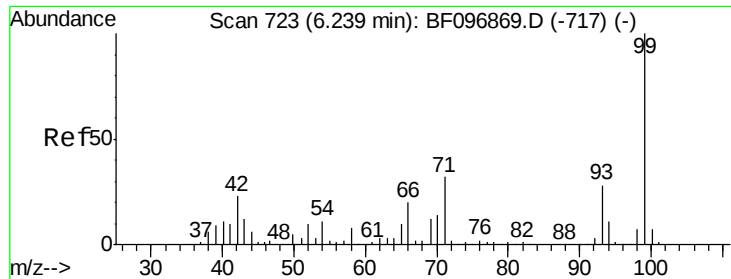
Tot Ion:152 Resp: 111171
 Ion Ratio Lower Upper
 152 100
 150 151.3 126.2 189.2
 115 59.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 122.91 ng
 RT: 5.13 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF097010.D
 Acq: 25 Jul 2017 2:49

Tgt Ion:112 Resp: 908768
 Ion Ratio Lower Upper
 112 100
 64 62.8 46.0 69.0
 63 31.8 23.4 35.0





#7

Phenol-d6

Concen: 119.75 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097010.D

Acq: 25 Jul 2017 2:49

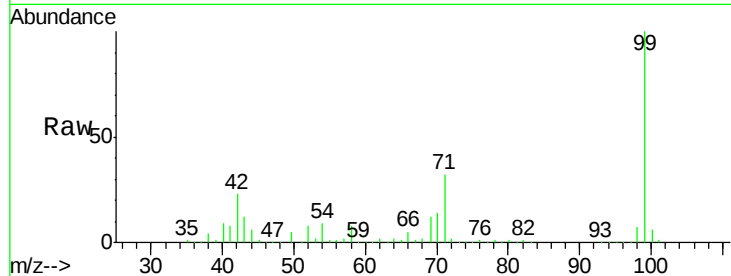
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1062543

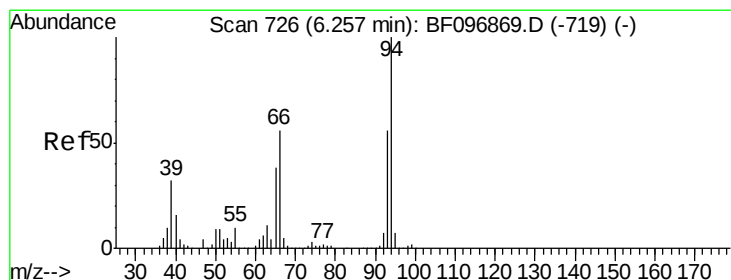
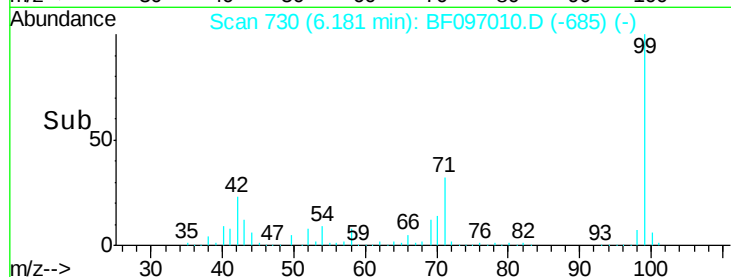
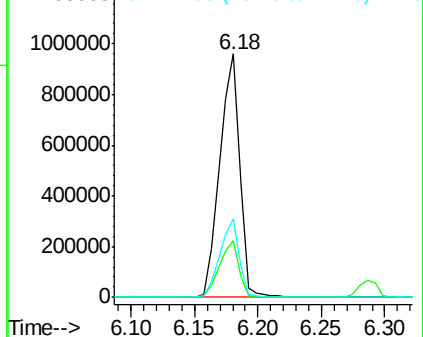
Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	32.0	24.5	36.7



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: 2.48 ng

RT: 6.19 min Scan# 732

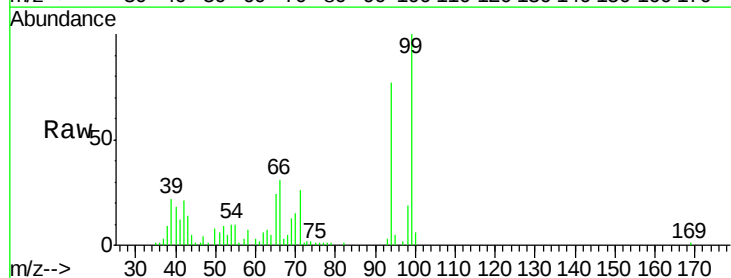
Delta R.T. -0.04 min

Lab File: BF097010.D

Acq: 25 Jul 2017 2:49

Tgt Ion: 94 Resp: 24921

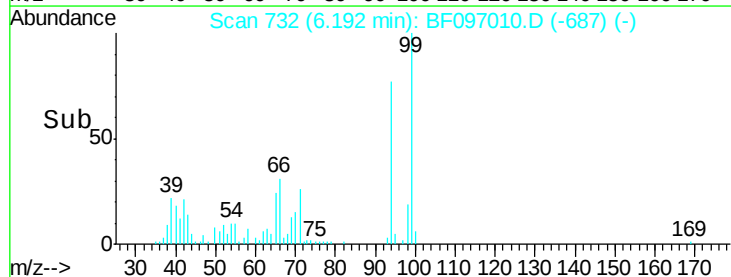
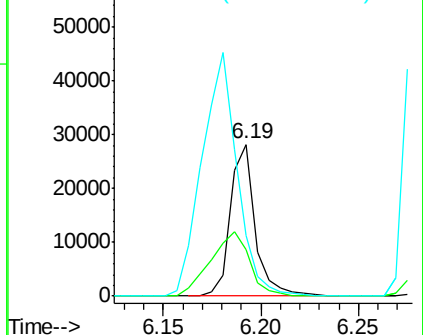
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.9	49.9
66	40.2	23.1	63.1

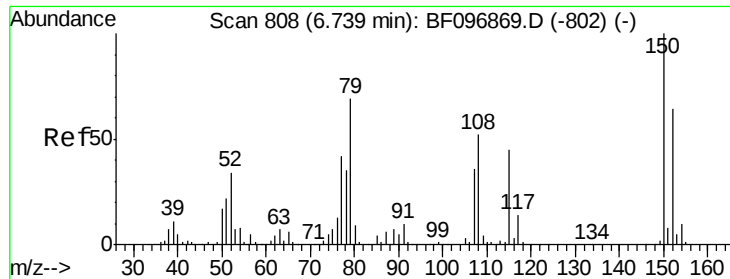


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.67 min Scan# 813

Delta R.T. -0.04 min

Lab File: BF097010.D

Acq: 25 Jul 2017 2:49

Instrument :

BNA_F

ClientSampleId :

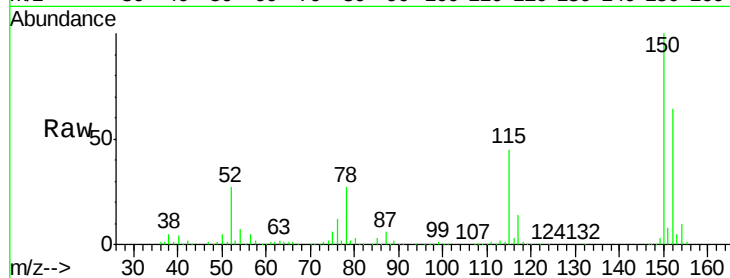
Tot Ion: 79 Resp: 12825

Ion Ratio Lower Upper

79 100

108 23.0 63.4 95.0#

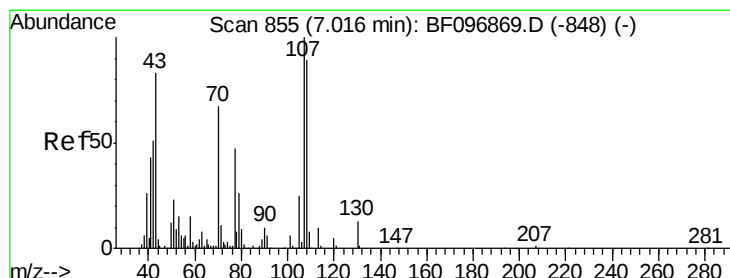
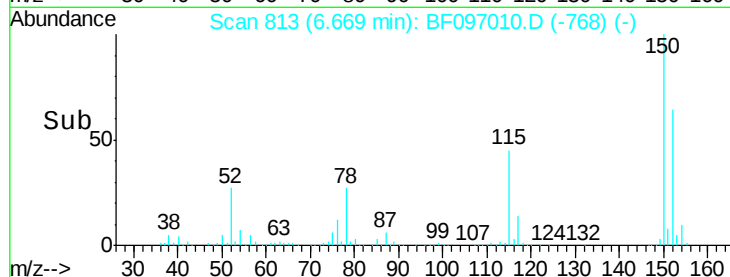
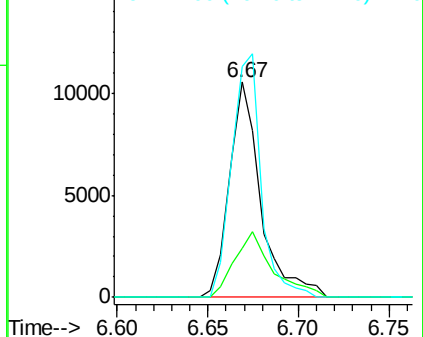
77 107.4 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.60 ng

RT: 7.08 min Scan# 883

Delta R.T. 0.11 min

Lab File: BF097010.D

Acq: 25 Jul 2017 2:49

Tgt Ion: 70 Resp: 83404

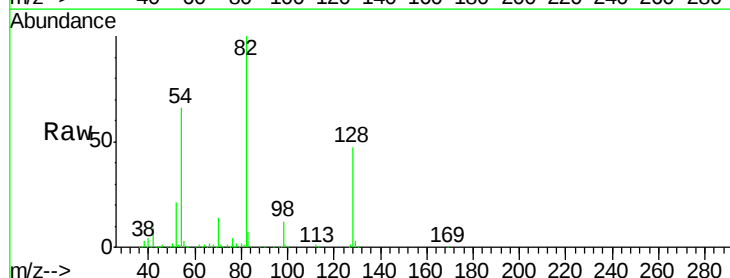
Ion Ratio Lower Upper

70 100

42 62.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

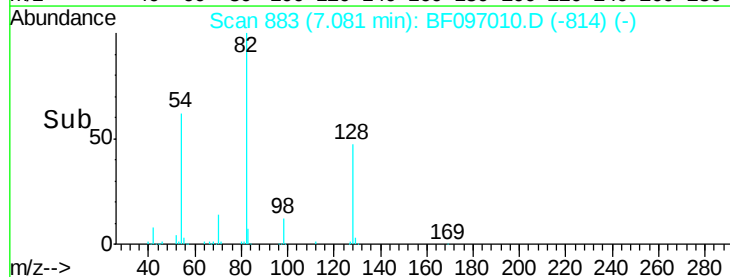
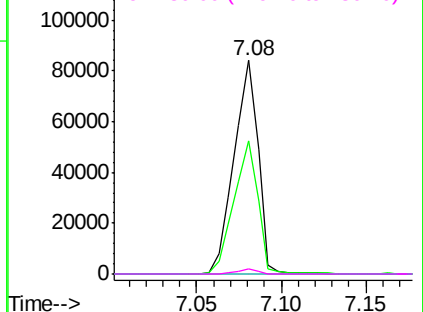


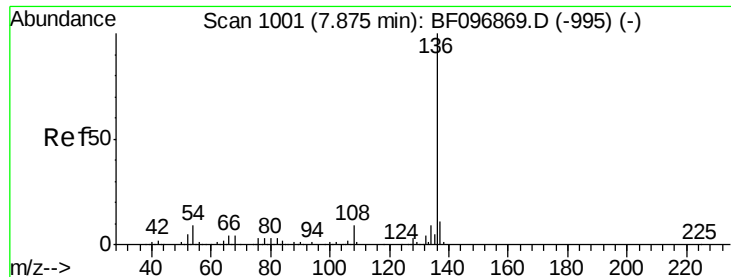
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

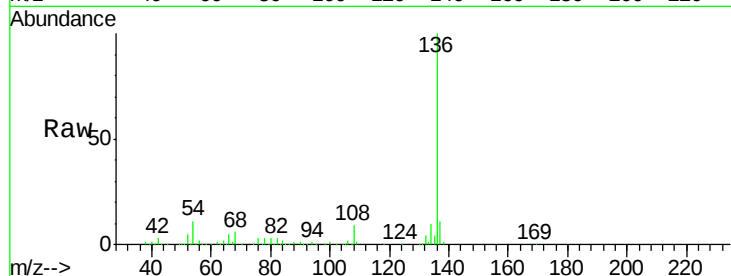




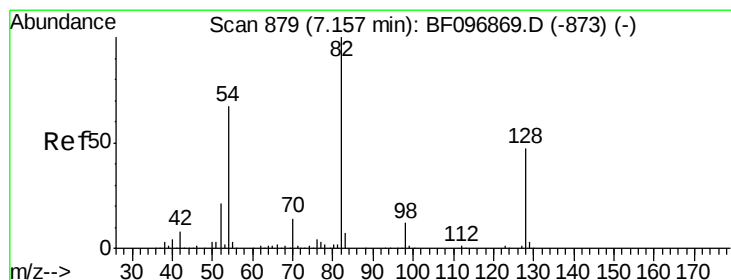
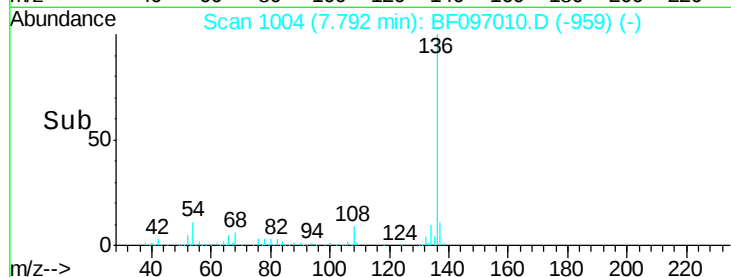
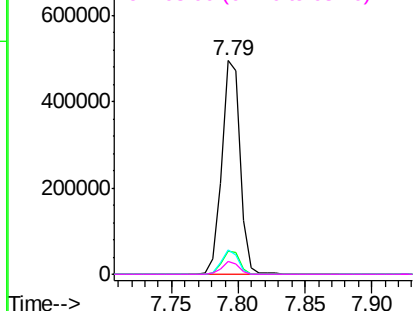
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	484129
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	11.4	4.9 7.3#
68	5.9	4.1 6.1

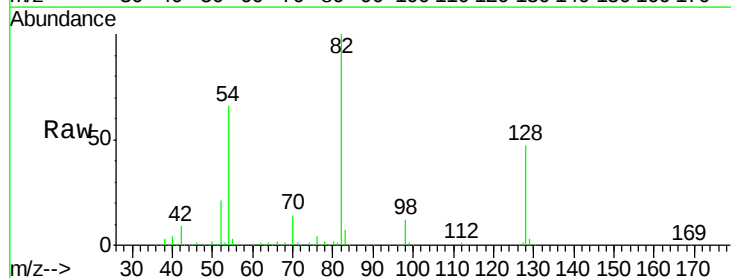


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

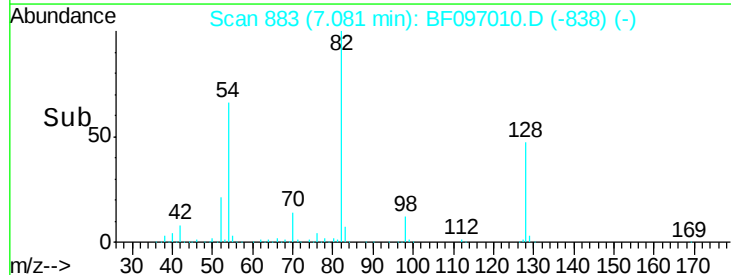
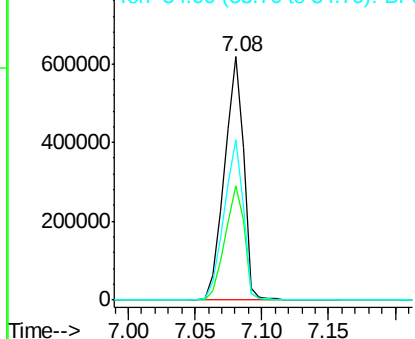


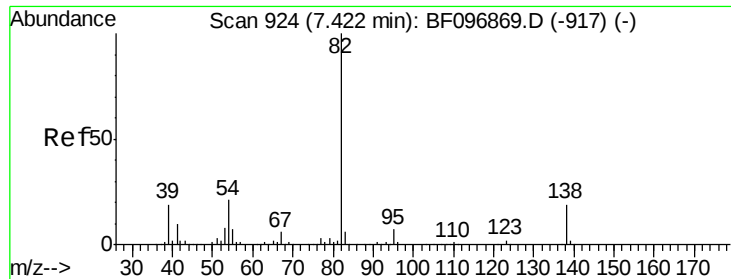
#23
Nitrobenzene-d5
Concen: 80.69 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Tgt Ion: 82	Resp:	630662
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.0 51.0
54	65.7	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

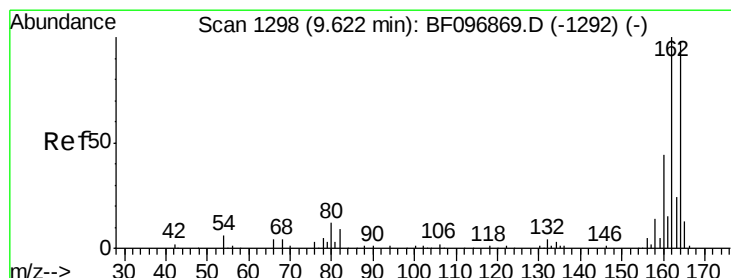
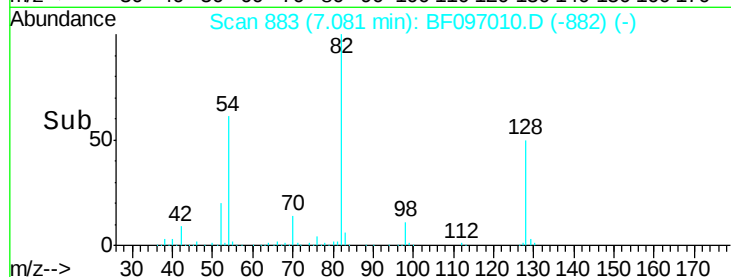
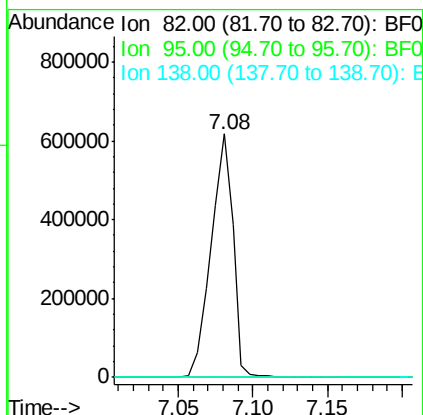
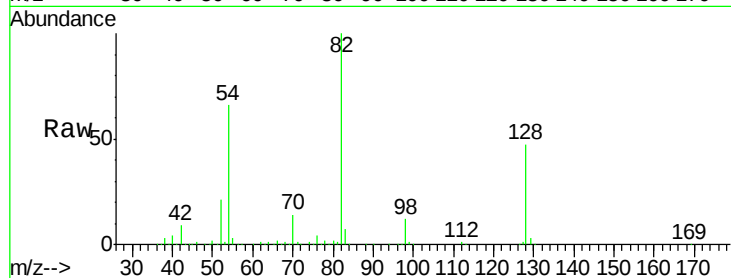




#25
Isophorone
Concen: 43.10 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.29 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

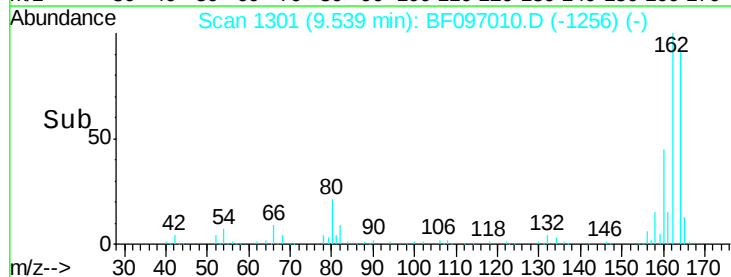
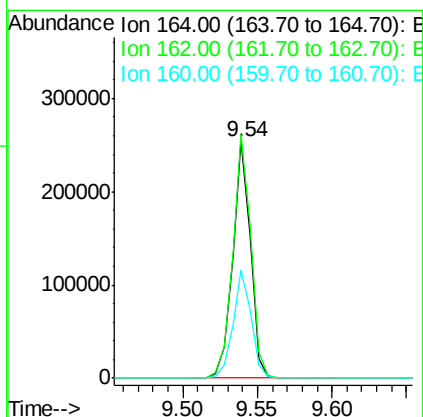
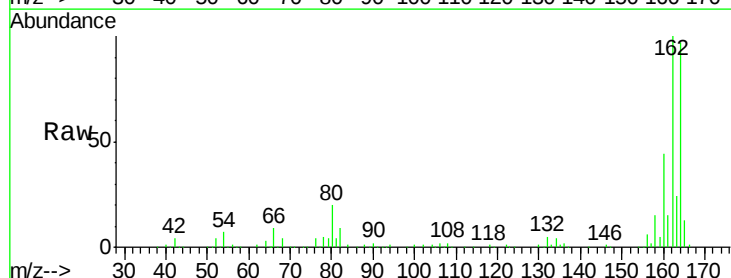
Instrument :
BNA_F
ClientSampleId :

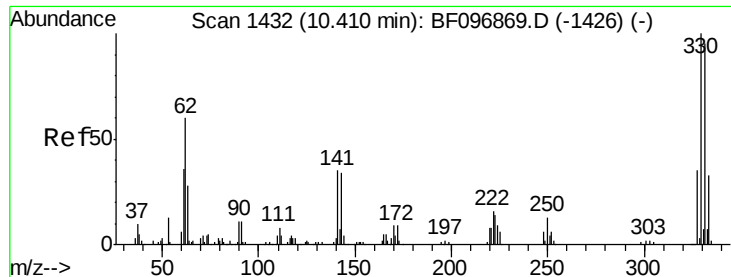
Tot Ion: 82 Resp: 626616
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Tgt Ion:164 Resp: 214710
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.5 36.2 54.2

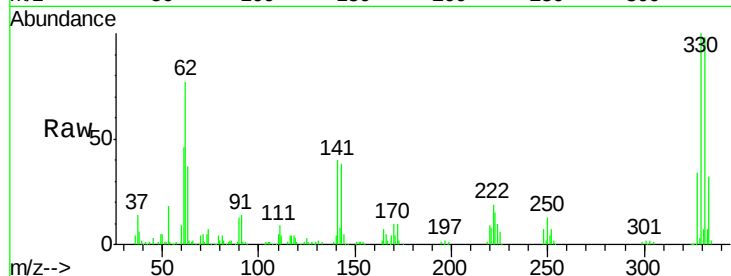




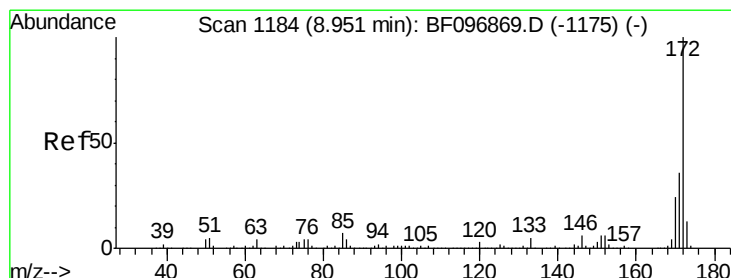
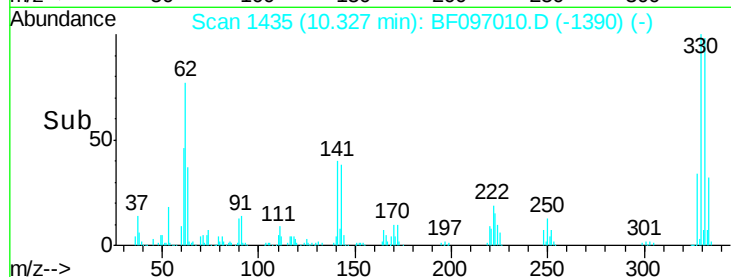
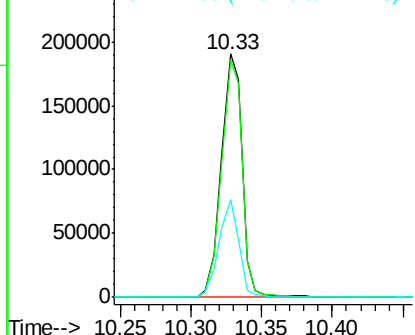
#41
 2,4,6-Tribromophenol
 Concen: 107.00 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: BF097010.D
 Acq: 25 Jul 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 196102
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 38.3 31.4 47.2

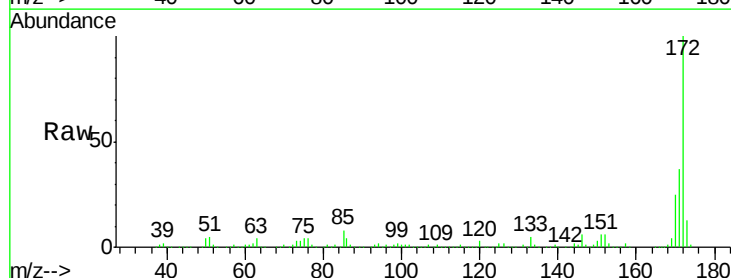


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

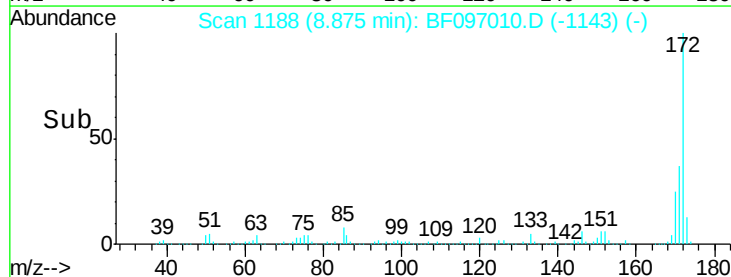
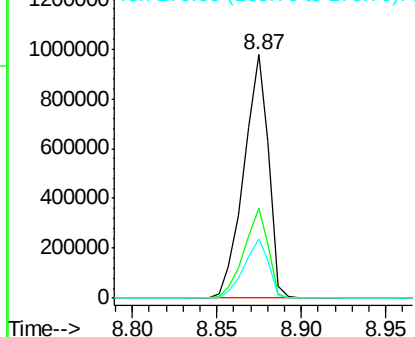


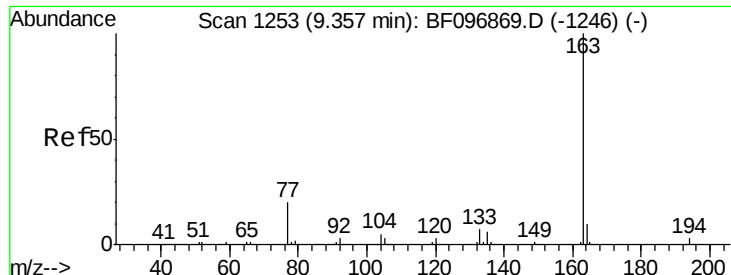
#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097010.D
 Acq: 25 Jul 2017 2:49

Tgt Ion:172 Resp: 997652
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.6 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

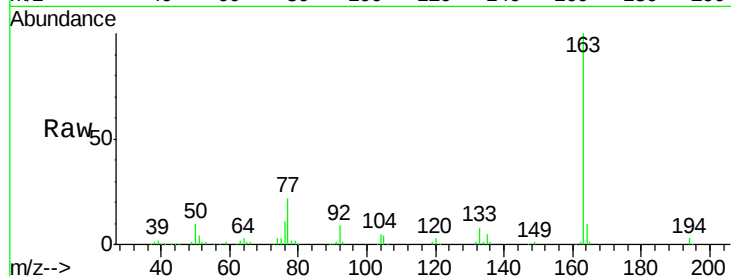




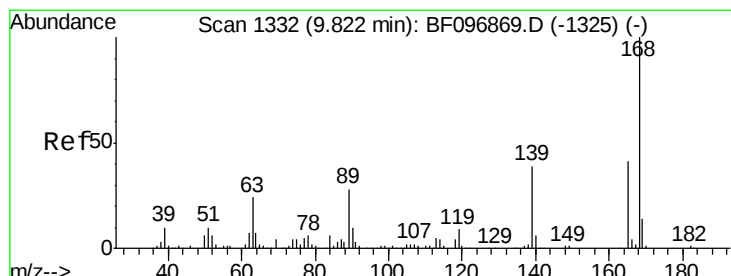
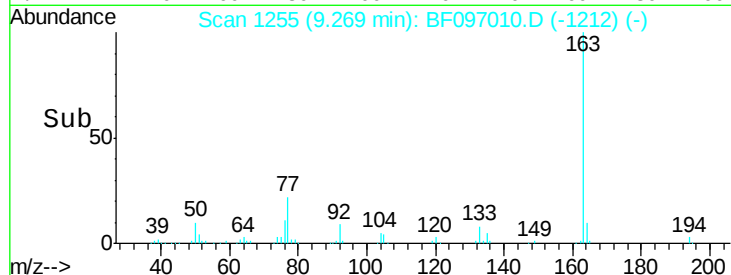
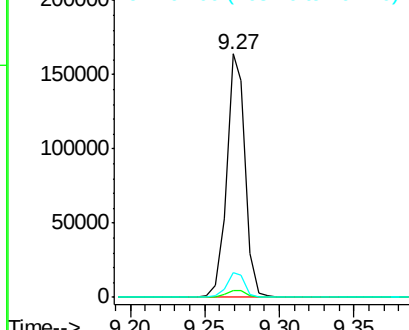
#49
Dimethylphthalate
Concen: 8.91 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.3	8.4	12.6



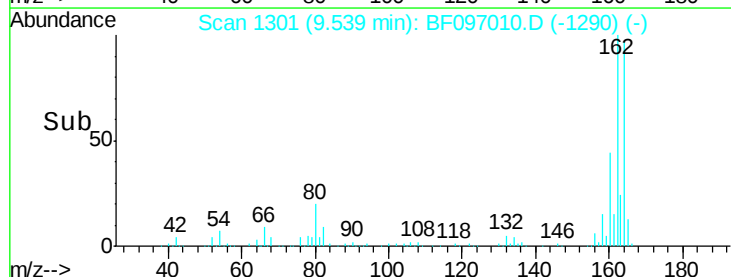
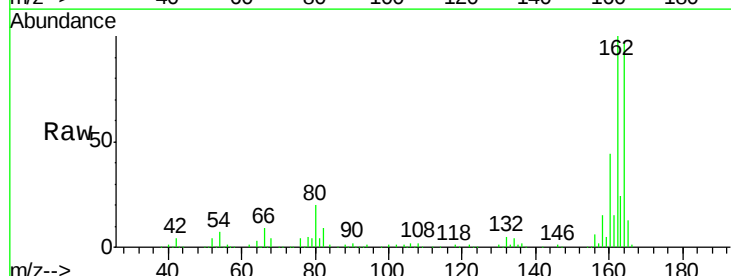
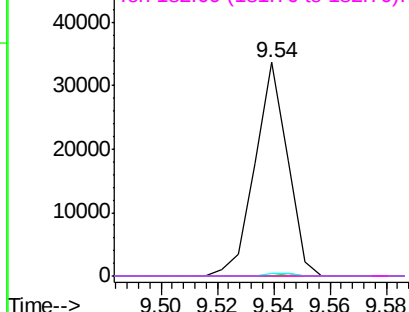
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

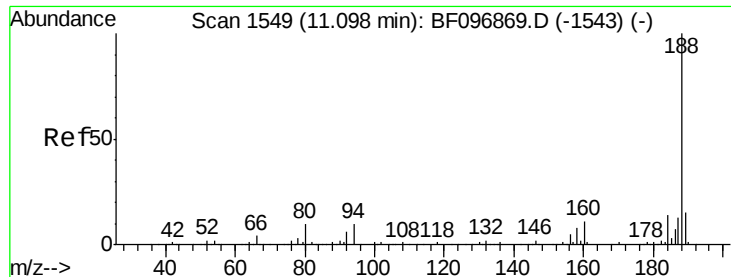


#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.24 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

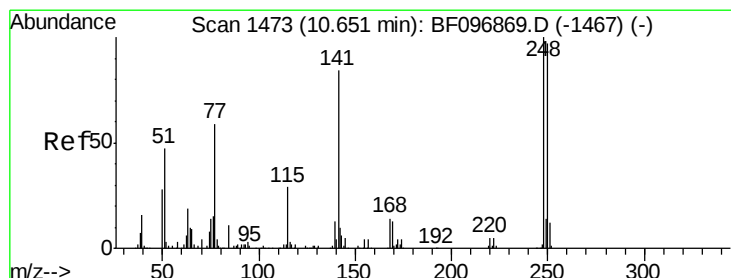
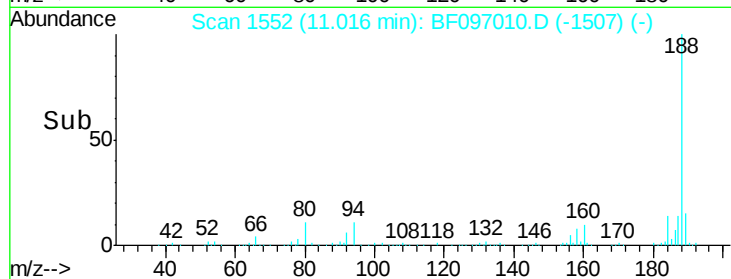
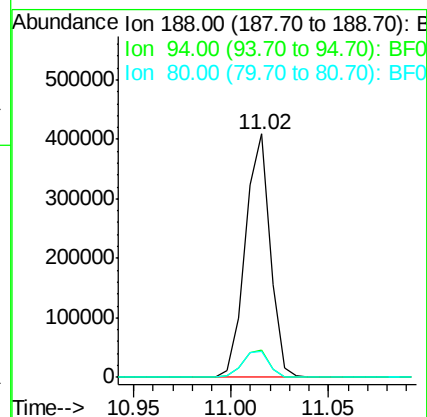
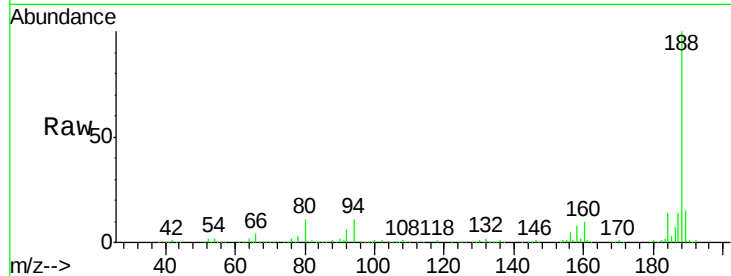




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF097010.D
 Acq: 25 Jul 2017 2:49

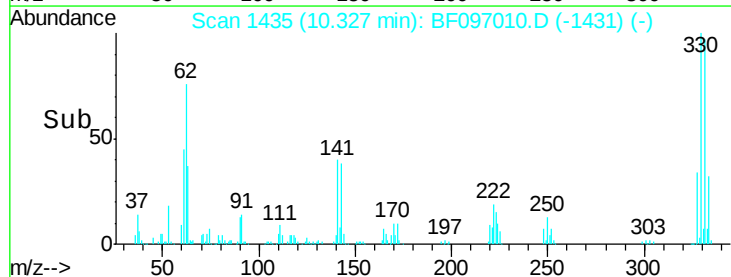
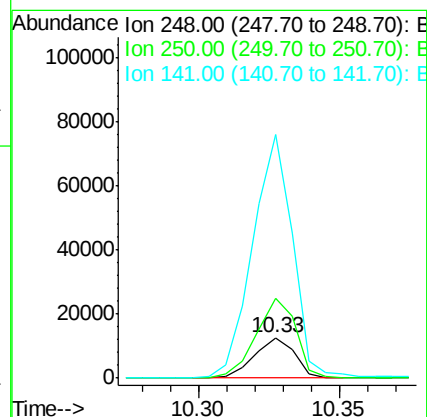
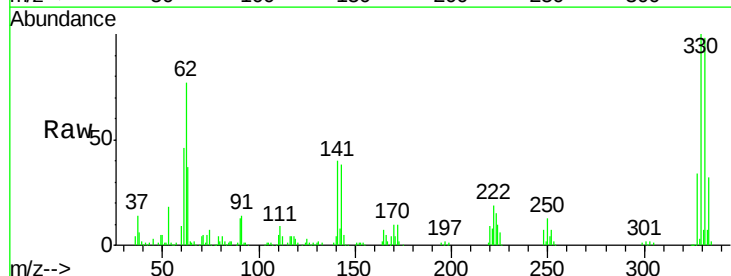
Instrument :
 BNA_F
 ClientSampleId :

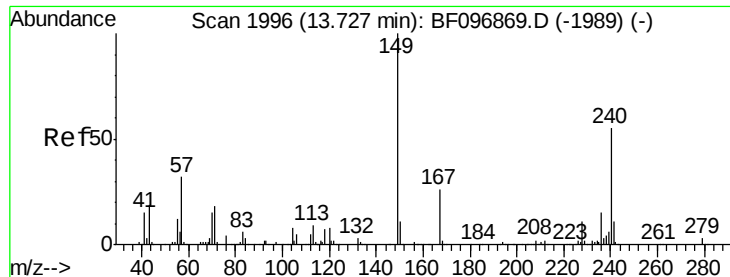
Tot Ion:188 Resp: 361208
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 10.7 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.33 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.28 min
 Lab File: BF097010.D
 Acq: 25 Jul 2017 2:49

Tgt Ion:248 Resp: 12284
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.8 115.2#
 141 607.3 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF097010.D

Acq: 25 Jul 2017 2:49

Instrument :

BNA_F

ClientSampleId :

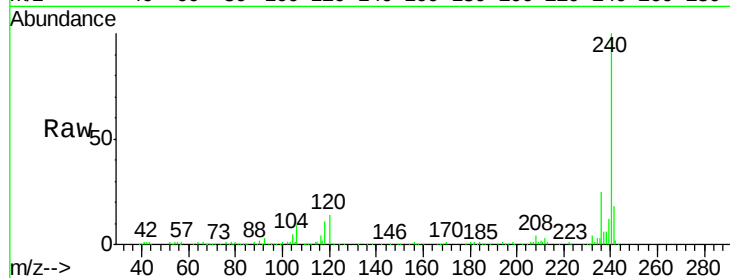
Tot Ion:240 Resp: 235172

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

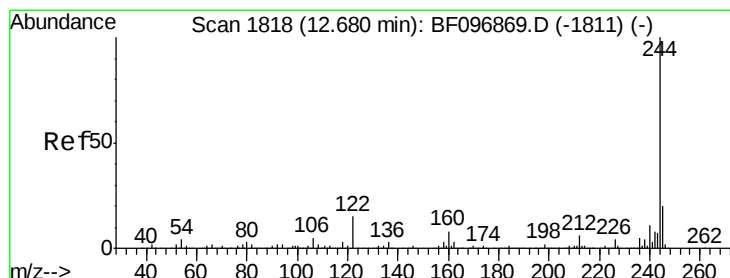
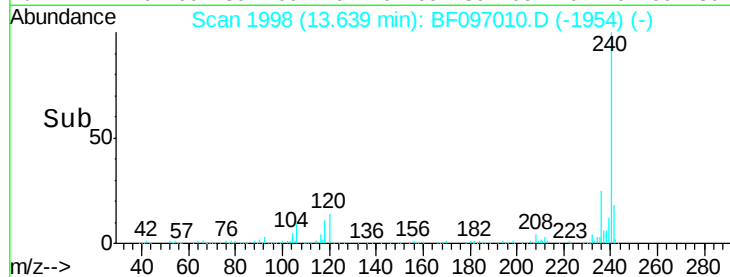
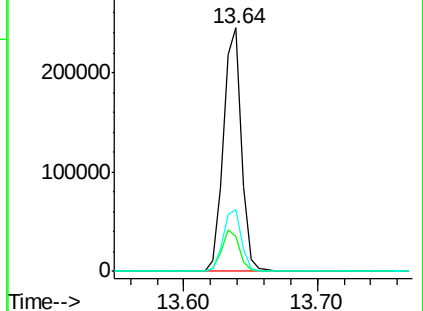
236 25.4 20.5 30.7



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: 49.55 ng

RT: 12.60 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BF097010.D

Acq: 25 Jul 2017 2:49

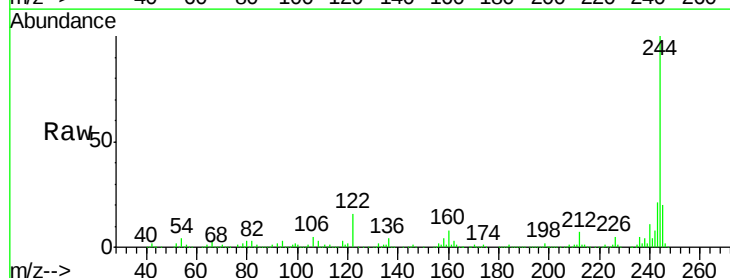
Tgt Ion:244 Resp: 671903

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

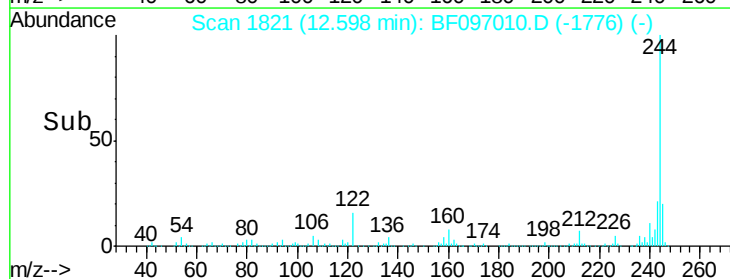
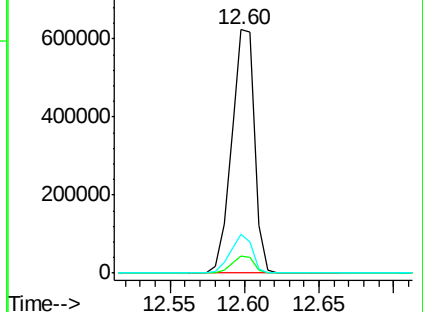
122 16.0 10.3 15.5#

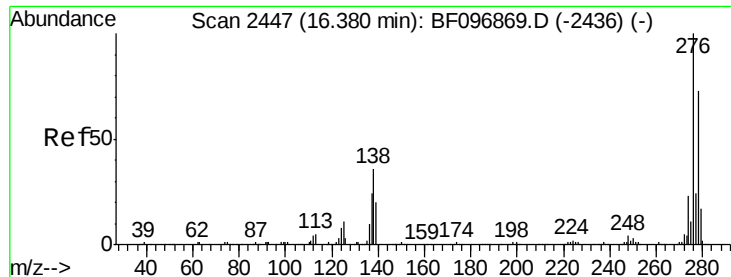


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

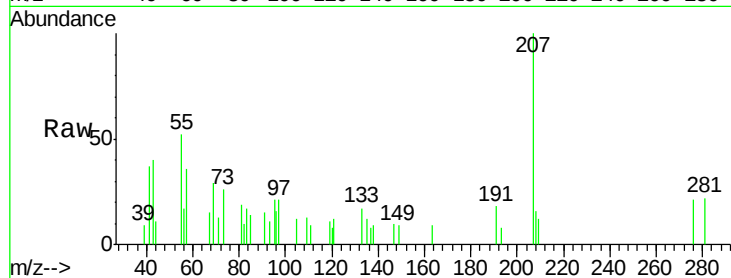




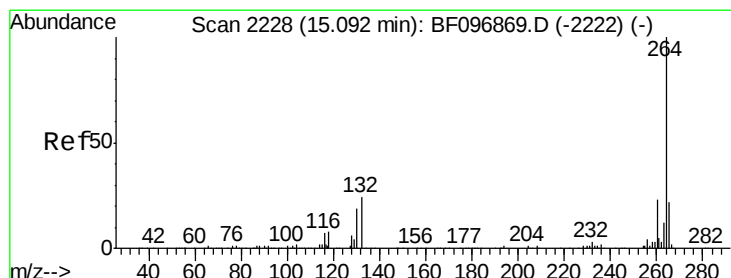
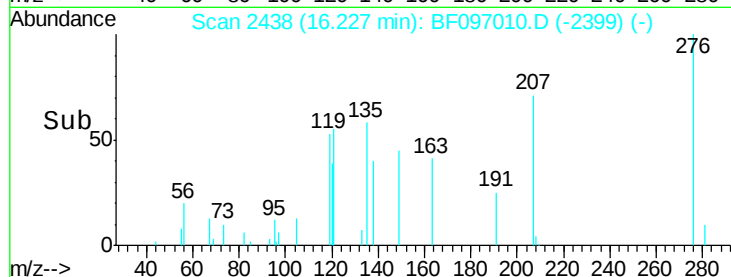
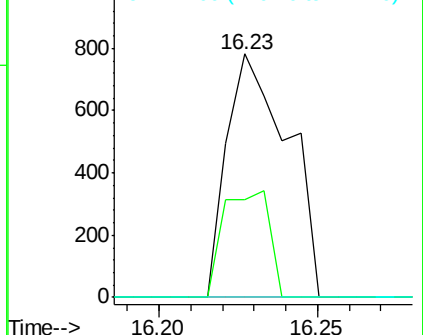
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.40 ng
RT: 16.23 min Scan# 2438
Delta R.T. -0.07 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 1043
Ion Ratio Lower Upper
276 100
138 32.9 27.8 41.6
277 0.0 20.2 30.4#

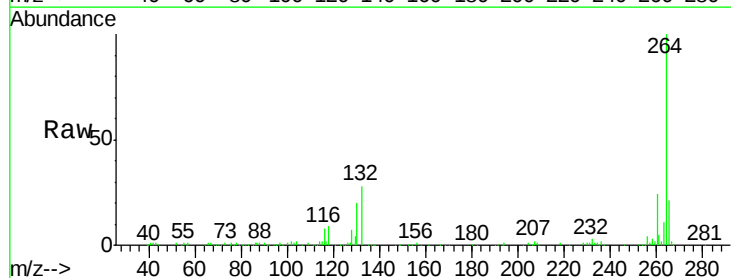


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 2227
Delta R.T. -0.05 min
Lab File: BF097010.D
Acq: 25 Jul 2017 2:49

Tgt Ion:264 Resp: 196352
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 20.9 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

