

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096997.D
 Acq On : 24 Jul 2017 20:52
 Operator : SJ/JU
 Sample : I4361-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 01:44:08 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

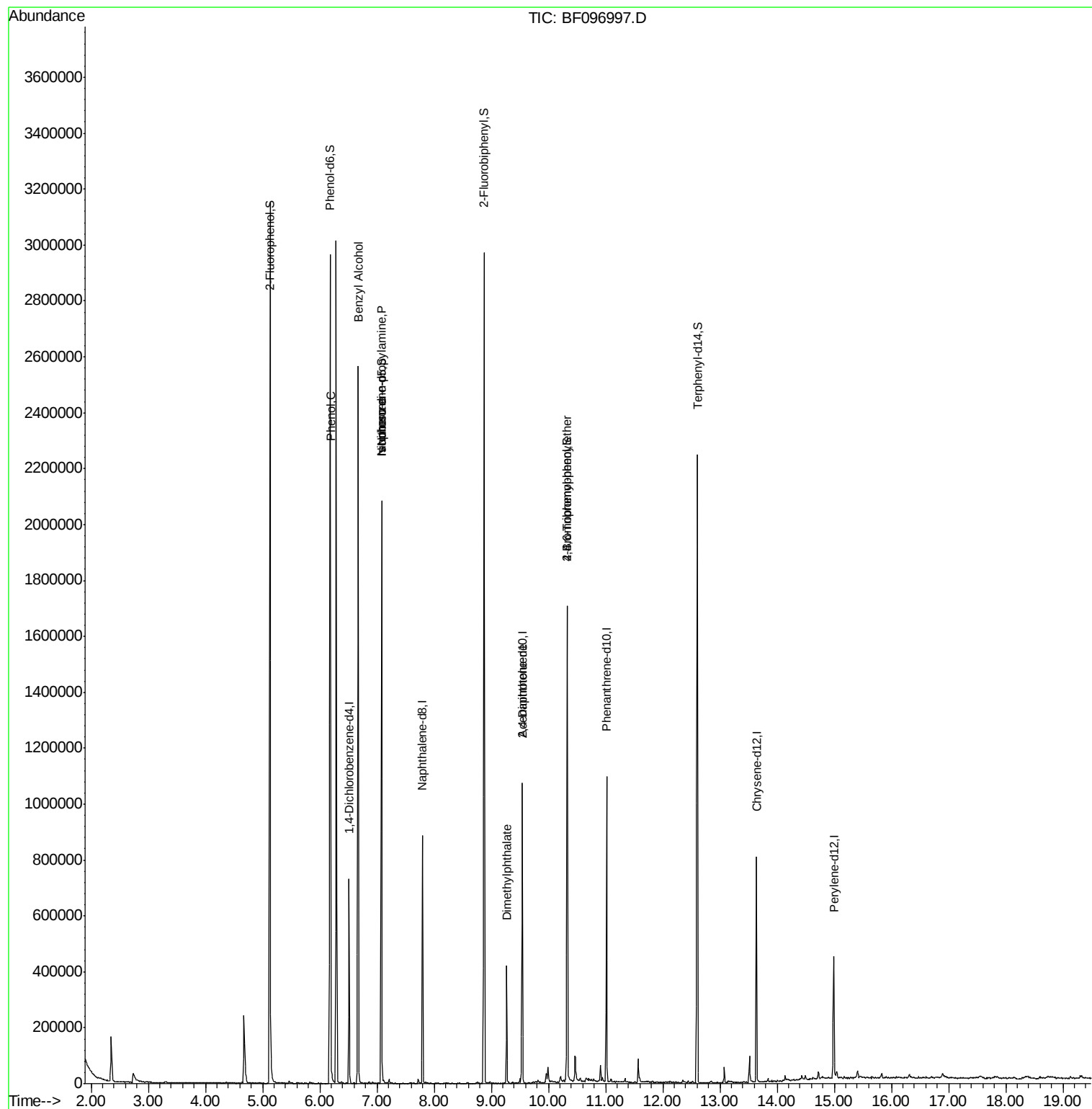
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	108699	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	432509	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	211474	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	367814	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	270544	20.00	ng	-0.04
86) Perylene-d12	14.99	264	174017	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	944193	130.61	ng	-0.02
7) Phenol-d6	6.18	99	1107960	127.71	ng	-0.04
23) Nitrobenzene-d5	7.08	82	687256	98.42	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	210141	116.41	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1023902	76.50	ng	-0.04
78) Terphenyl-d14	12.60	244	710986	45.58	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	28059	2.86	ng	Qvalue 98
15) Benzyl Alcohol	6.67	79	13287	2.34	ng	# 34
19) n-Nitroso-di-n-propylamine	7.08	70	88694	16.97	ng	# 88
25) Isophorone	7.08	82	684553	52.70	ng	# 67
49) Dimethylphthalate	9.27	163	173561	10.90	ng	99
56) 2,4-Dinitrotoluene	9.54	165	26502	5.98	ng	# 34
66) 4-Bromophenyl-phenylether	10.33	248	13820	3.68	ng	# 1

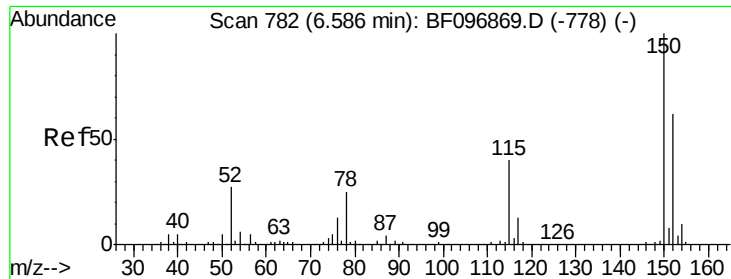
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

Instrument :

BNA_F

ClientSampled :

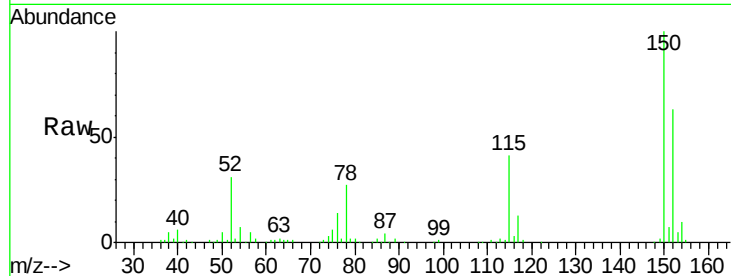
Tot Ion:152 Resp: 108699

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

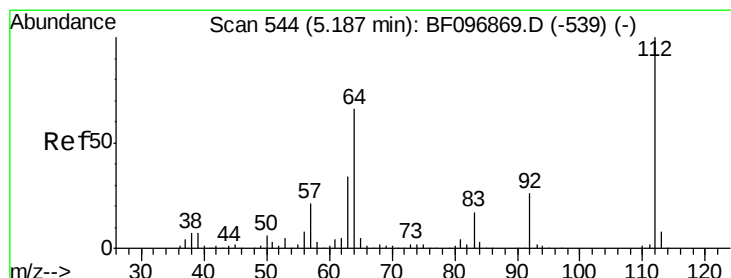
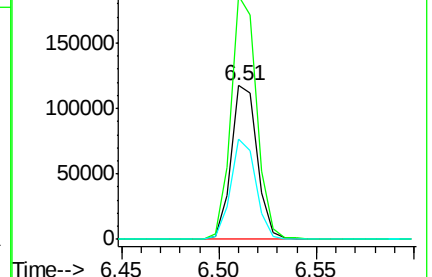
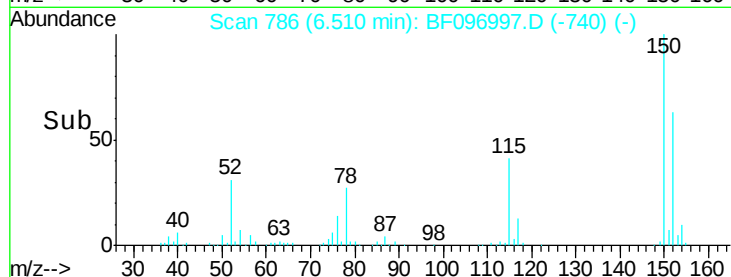
115 65.0 52.2 78.2



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: 130.61 ng

RT: 5.13 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

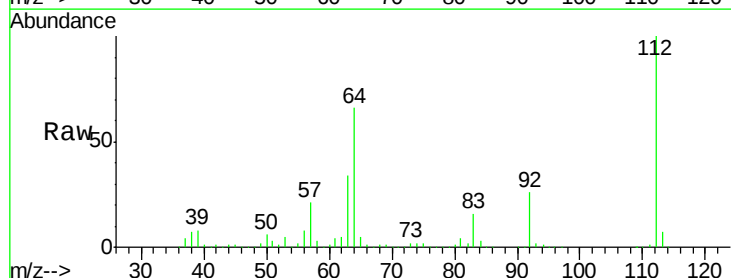
Tgt Ion:112 Resp: 944193

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

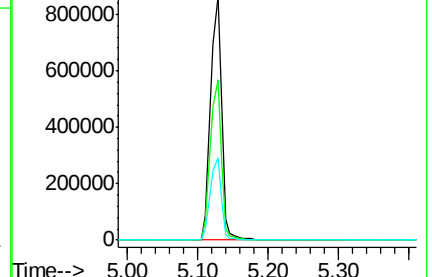
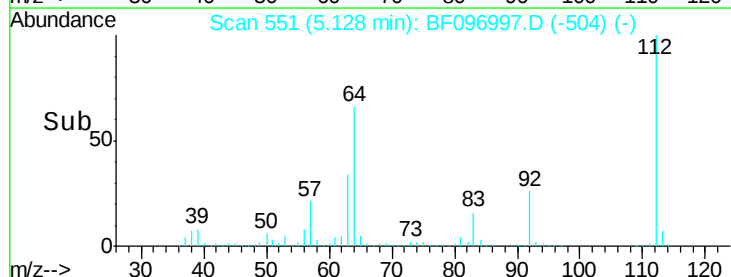
63 33.8 23.4 35.0

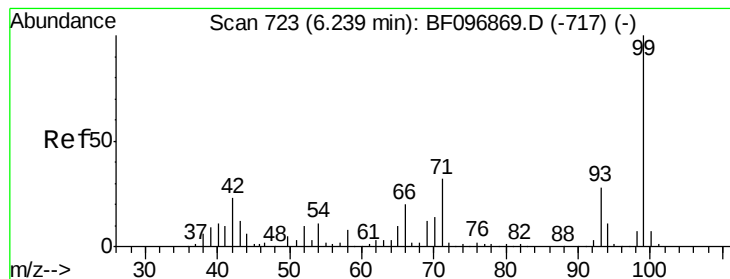


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.71 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

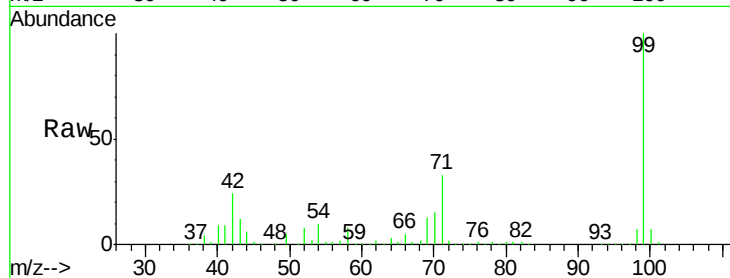
Instrument :

BNA_F

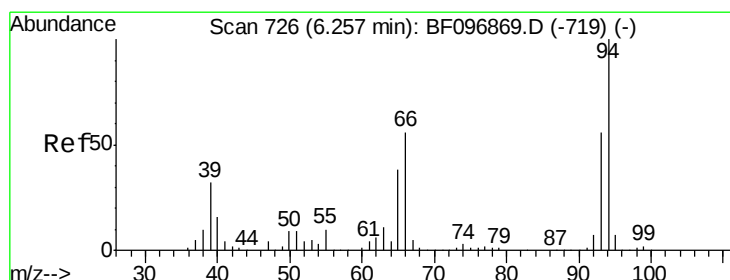
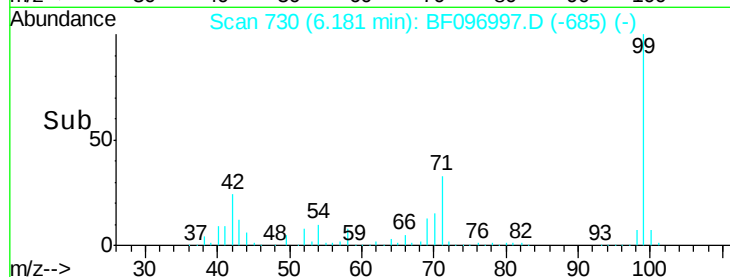
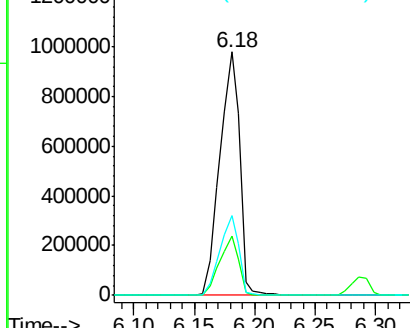
ClientSampleId :

Tot Ion: 99 Resp: 1107960

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	32.7	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: 2.86 ng

RT: 6.19 min Scan# 732

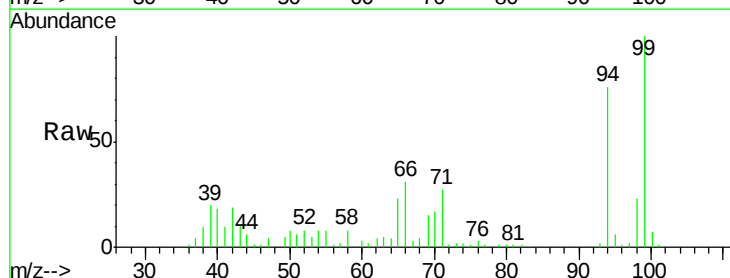
Delta R.T. -0.04 min

Lab File: BF096997.D

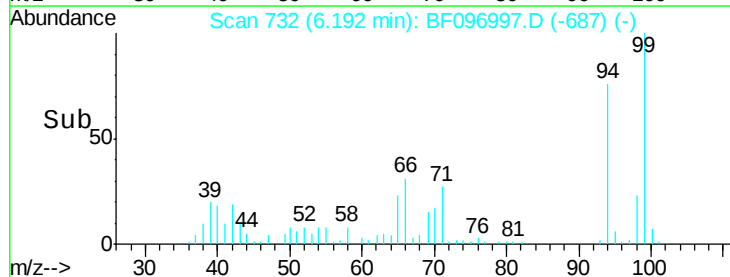
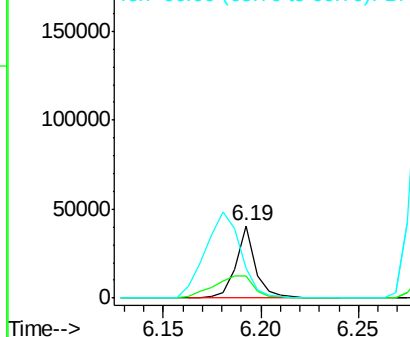
Acq: 24 Jul 2017 20:52

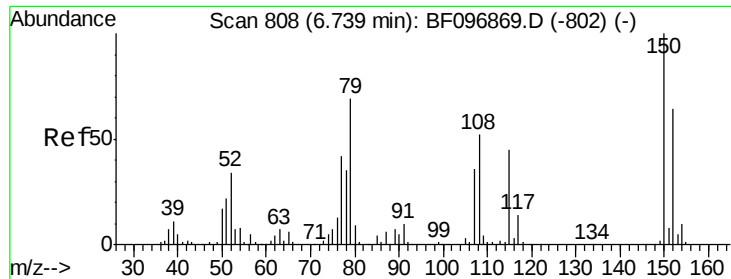
Tgt Ion: 94 Resp: 28059

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.9	49.9
66	41.0	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

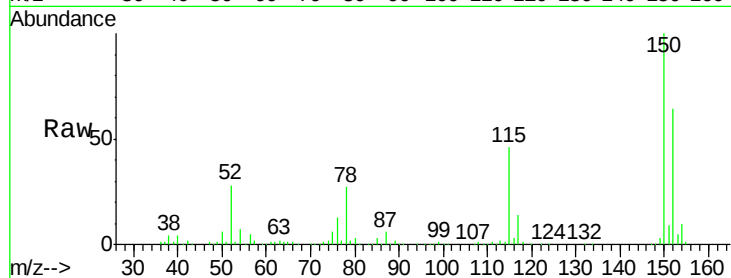




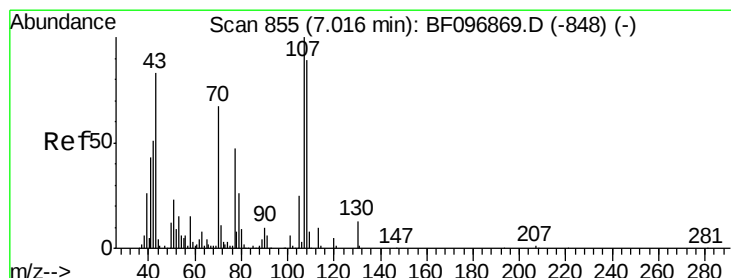
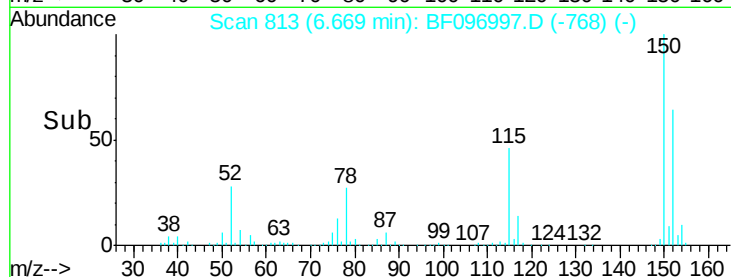
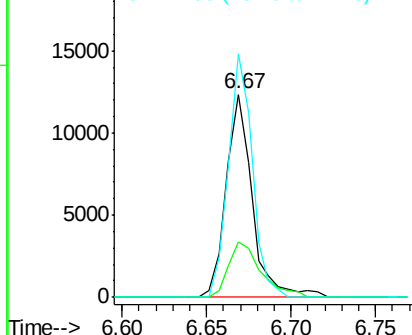
#15
Benzyl Alcohol
Concen: 2.34 ng
RT: 6.67 min Scan# 813
Delta R.T. -0.04 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 13287
Ion Ratio Lower Upper
79 100
108 27.6 63.4 95.0#
77 120.0 49.2 73.8#

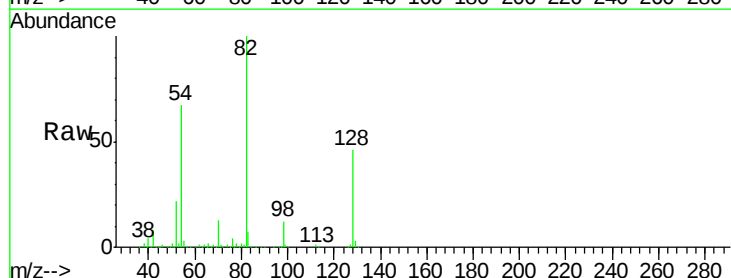


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

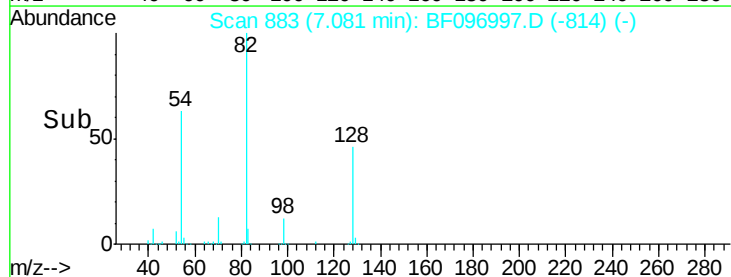
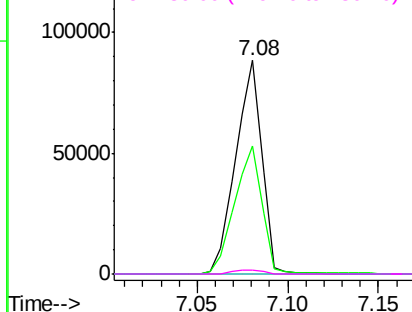


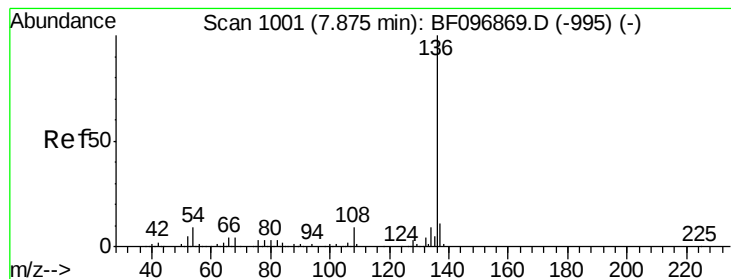
#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Tgt Ion: 70 Resp: 88694
Ion Ratio Lower Upper
70 100
42 59.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 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: BF096997.D

Acq: 24 Jul 2017 20:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432509

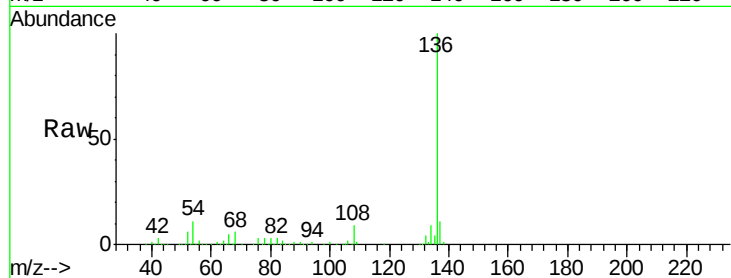
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.3 4.9 7.3#

68 6.0 4.1 6.1

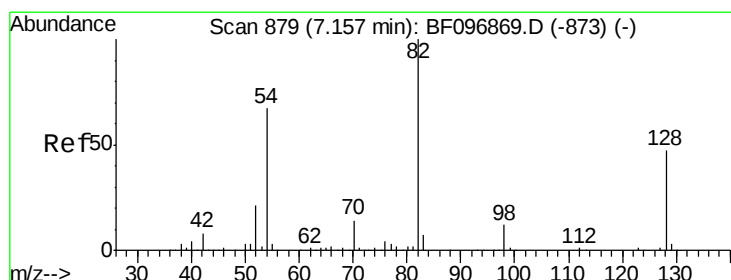
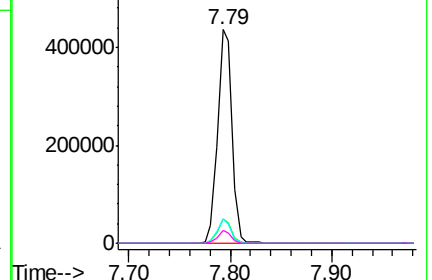
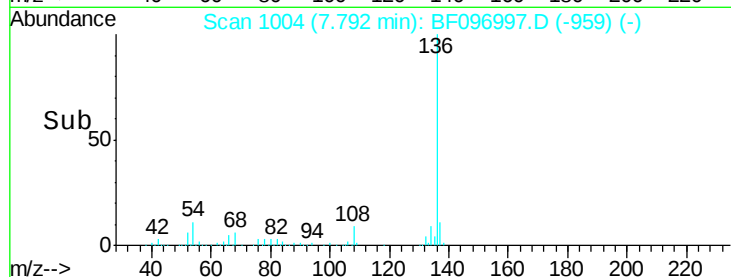


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.42 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

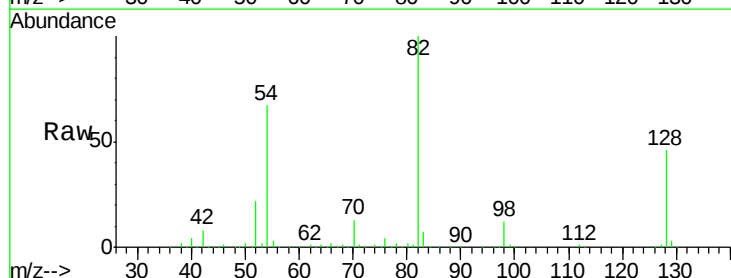
Tgt Ion: 82 Resp: 687256

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

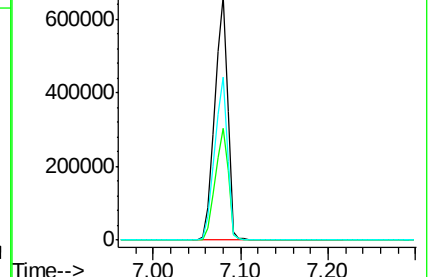
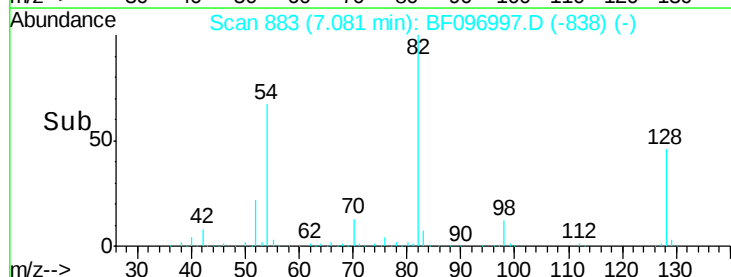
54 66.8 42.2 63.2#

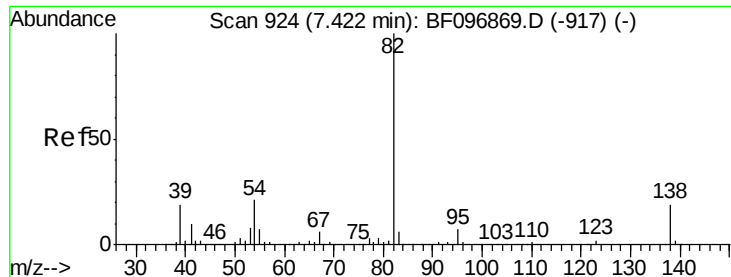


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

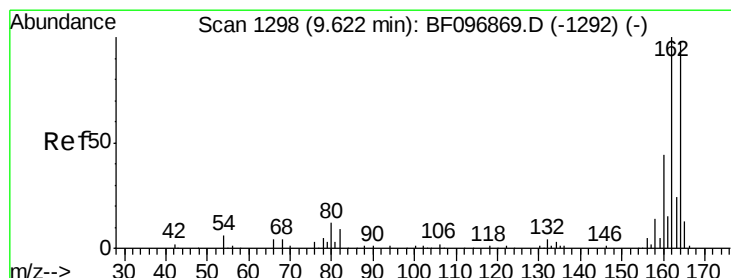
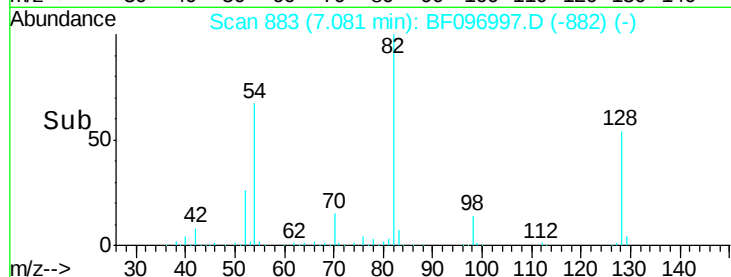
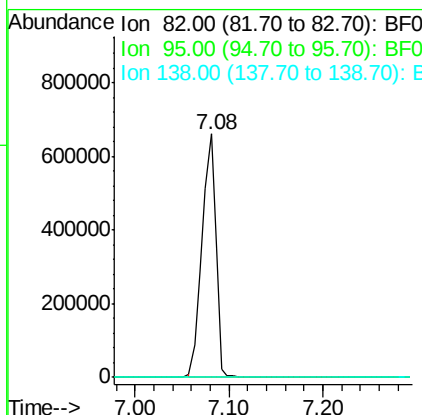
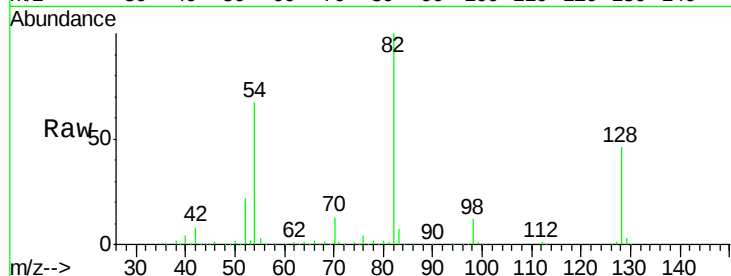




#25
Isophorone
Concen: 52.70 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.29 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

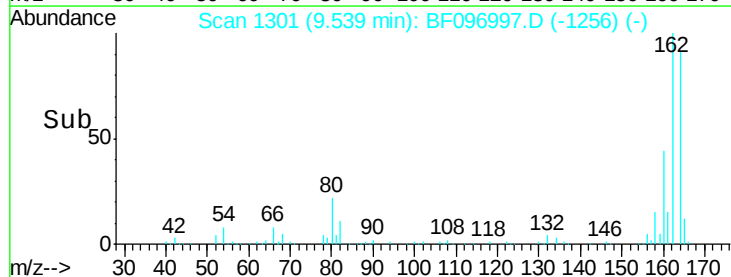
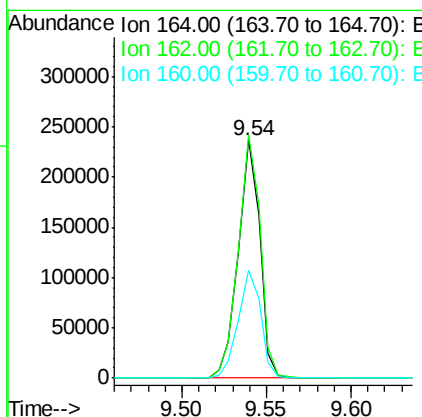
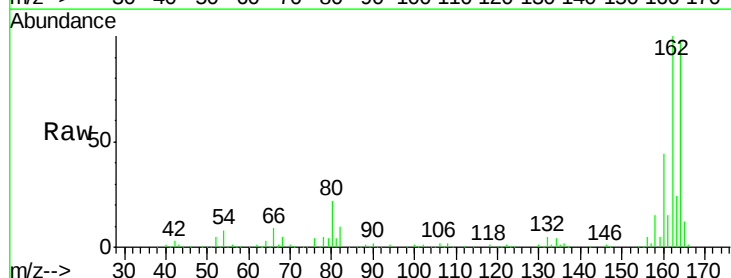
Instrument :
BNA_F
ClientSampleId :

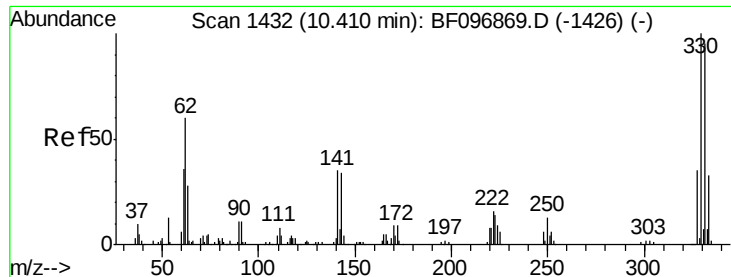
Tot Ion: 82 Resp: 684553
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Tgt Ion: 164 Resp: 211474
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.1 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 116.41 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

Instrument :

BNA_F

ClientSampled :

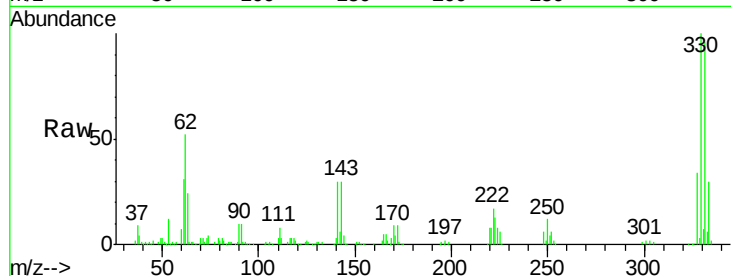
Tot Ion:330 Resp: 210141

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

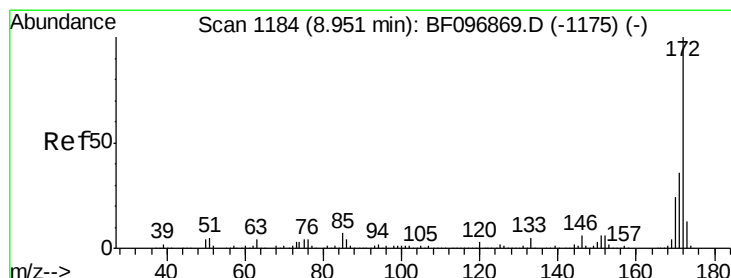
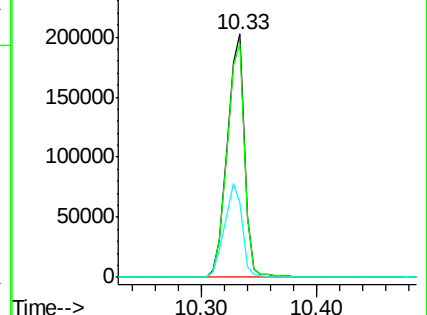
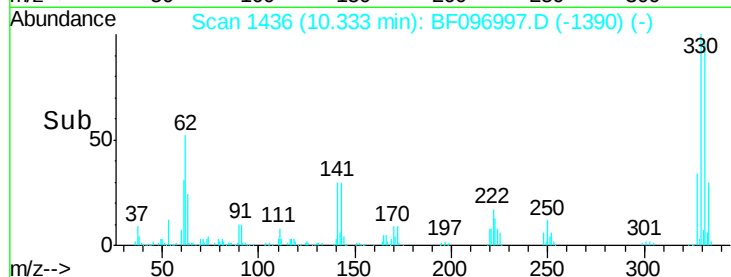
141 39.5 31.4 47.2



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: 76.50 ng

RT: 8.87 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

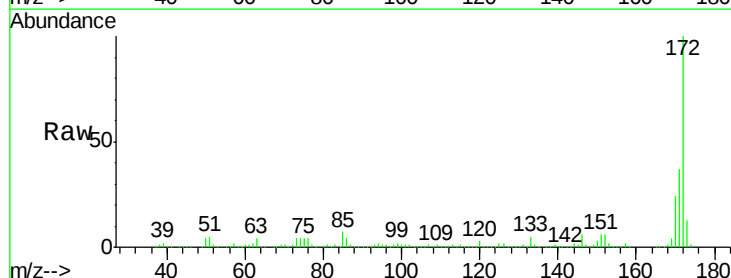
Tgt Ion:172 Resp: 1023902

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

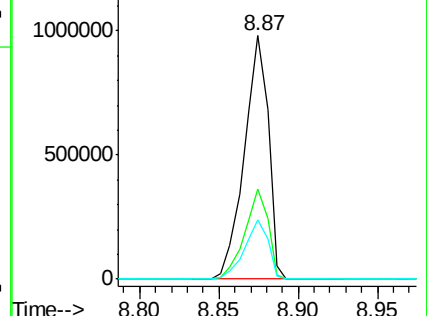
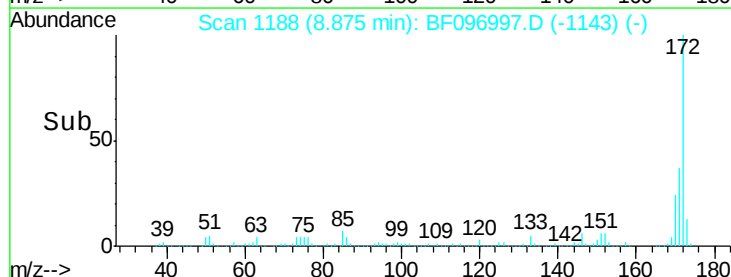
170 24.3 19.8 29.8

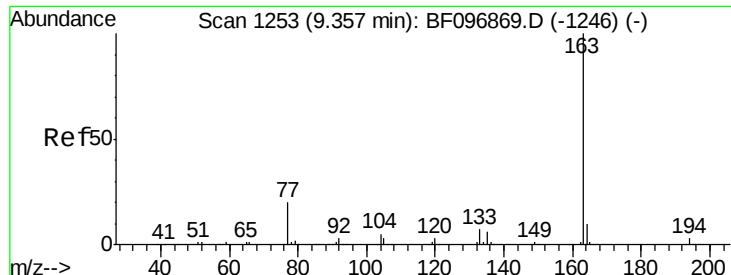


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

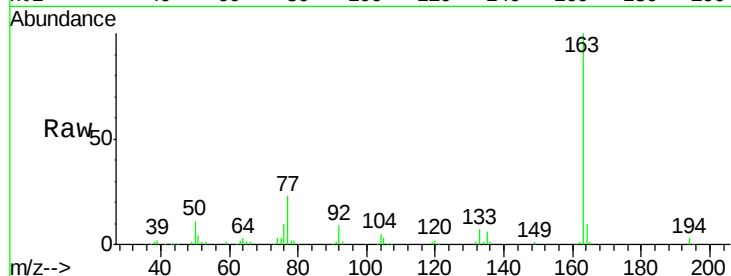




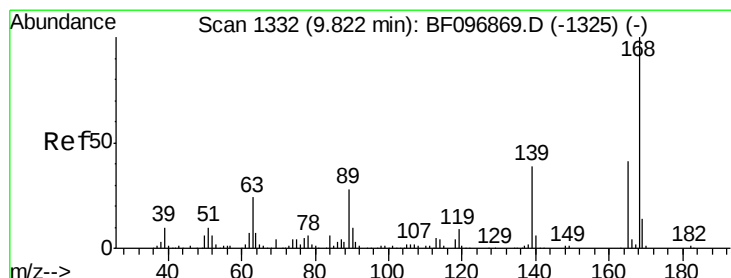
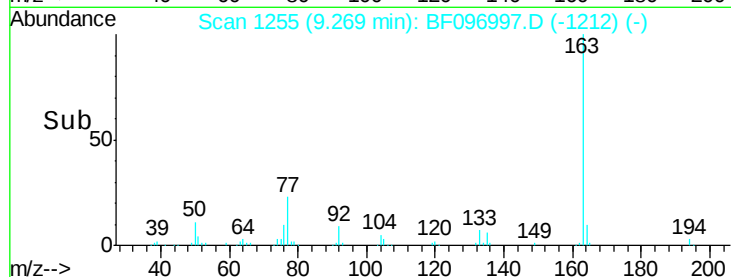
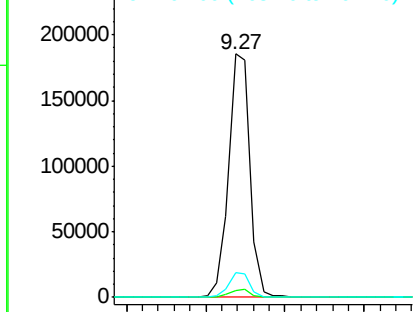
#49
Dimethylphthalate
Concen: 10.90 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 173561
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6

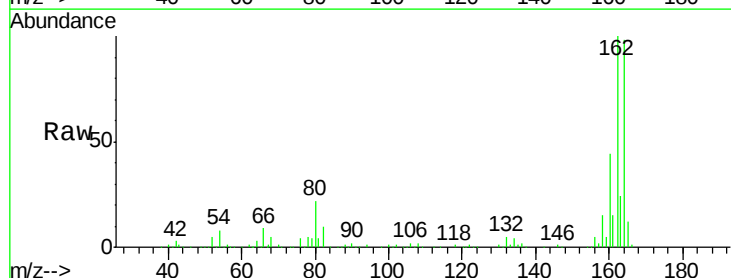


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

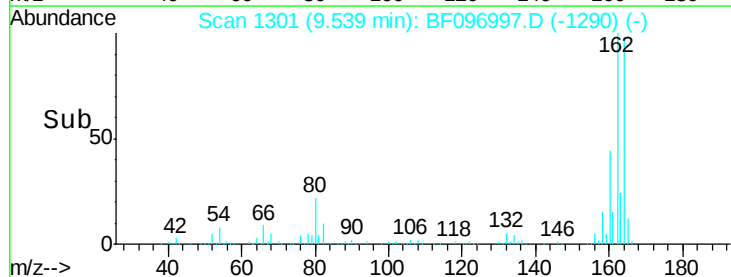
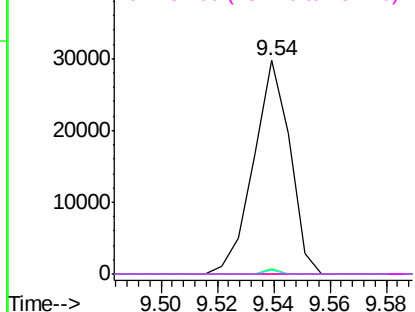


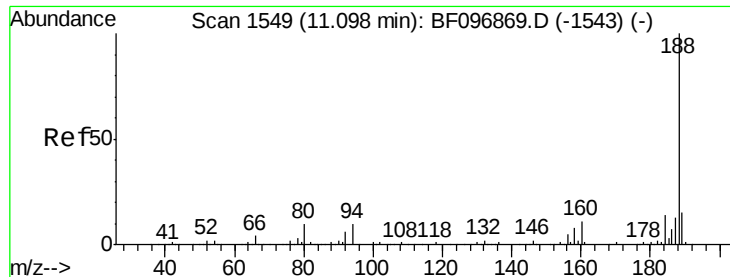
#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.24 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Tgt Ion:165 Resp: 26502
Ion Ratio Lower Upper
165 100
63 2.2 25.4 38.0#
89 1.9 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

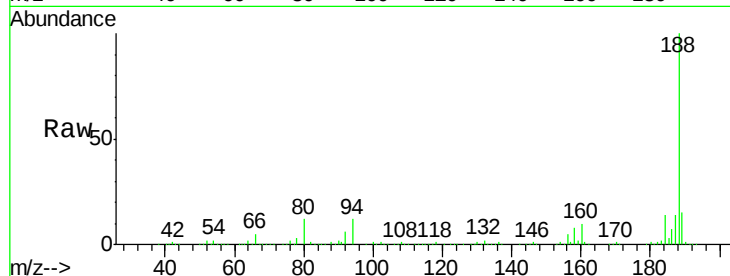




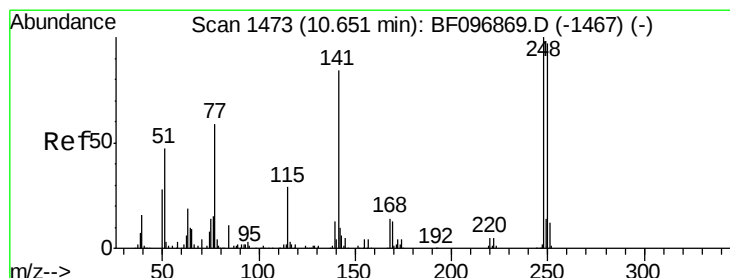
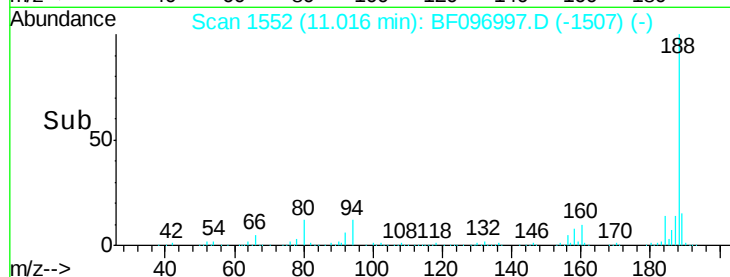
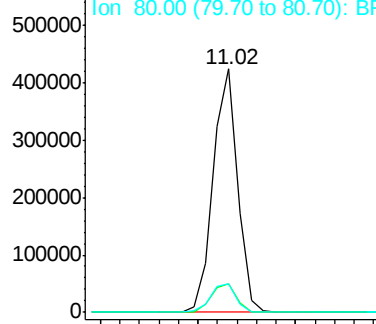
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 367814
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.0 10.2 15.2

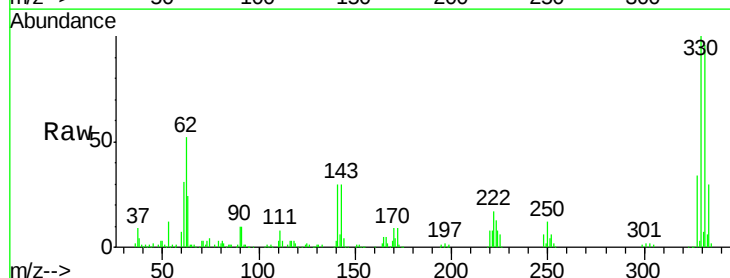


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

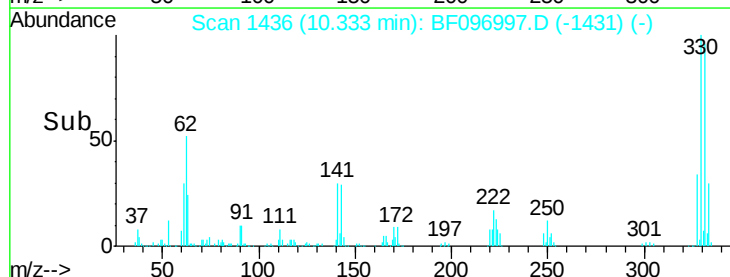
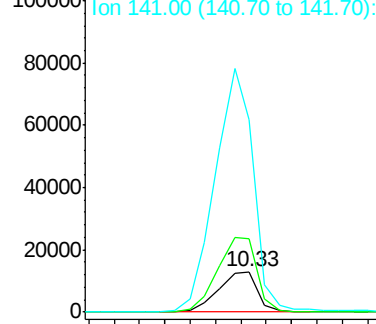


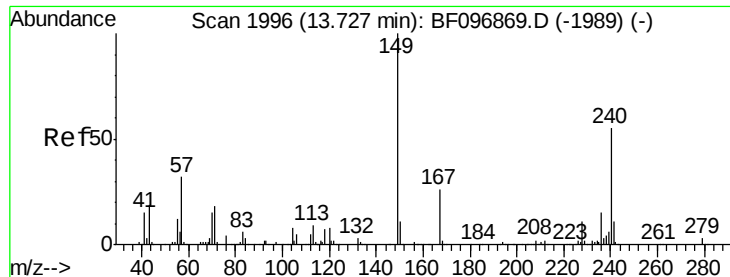
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.27 min
Lab File: BF096997.D
Acq: 24 Jul 2017 20:52

Tgt Ion:248 Resp: 13820
Ion Ratio Lower Upper
248 100
250 182.3 76.8 115.2#
141 478.0 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: BF096997.D

Acq: 24 Jul 2017 20:52

Instrument :

BNA_F

ClientSampleId :

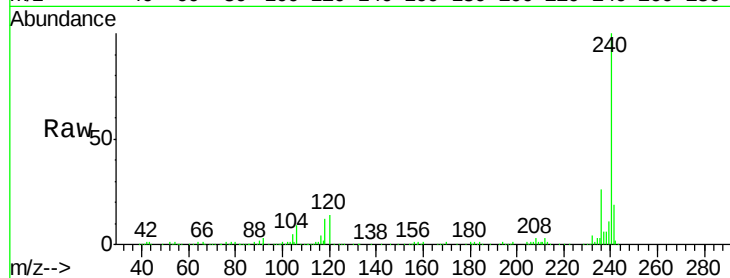
Tot Ion:240 Resp: 270544

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

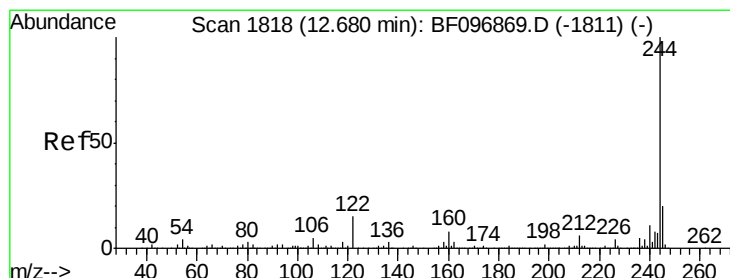
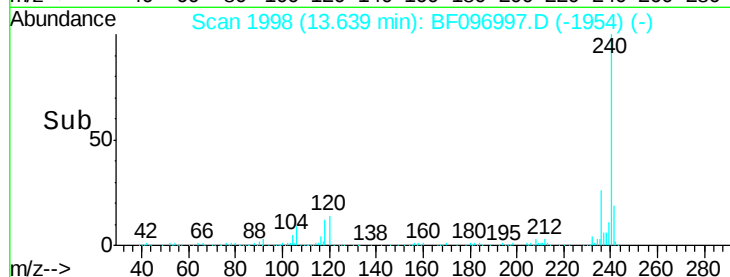
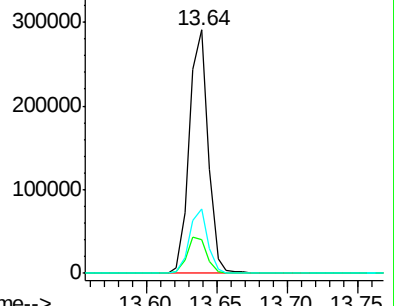
236 26.4 20.5 30.7



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: 45.58 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF096997.D

Acq: 24 Jul 2017 20:52

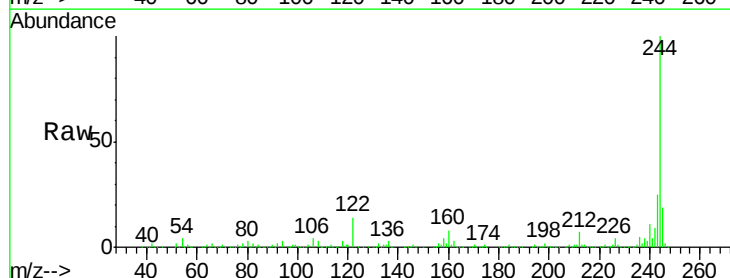
Tgt Ion:244 Resp: 710986

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

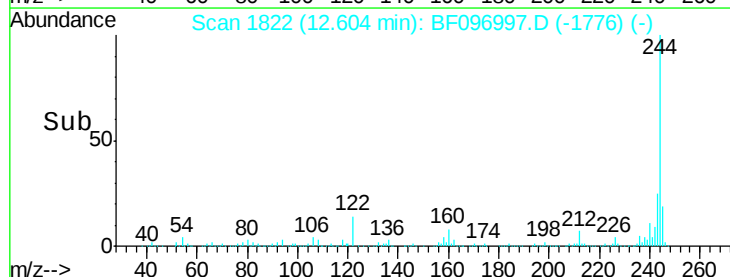
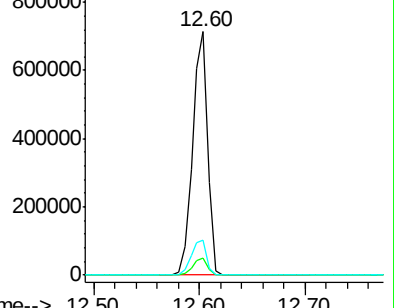
122 14.5 10.3 15.5

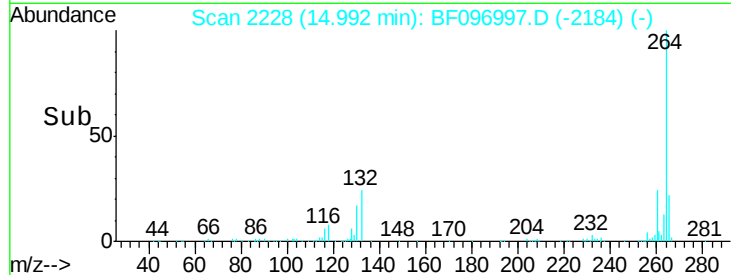
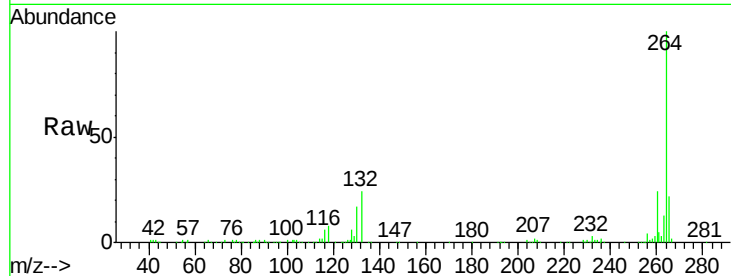
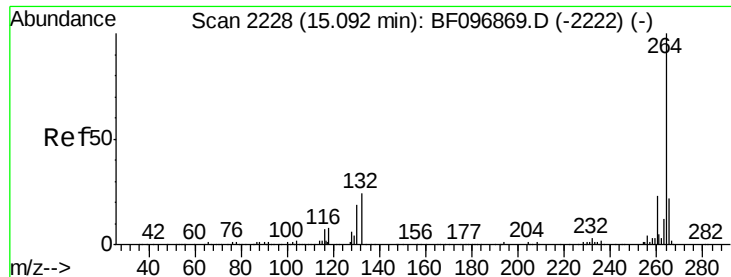


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF096997.D
 Acq: 24 Jul 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8

