

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096994.D
 Acq On : 24 Jul 2017 19:29
 Operator : SJ/JU
 Sample : PB100918BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BL

Quant Time: Jul 25 01:42:53 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

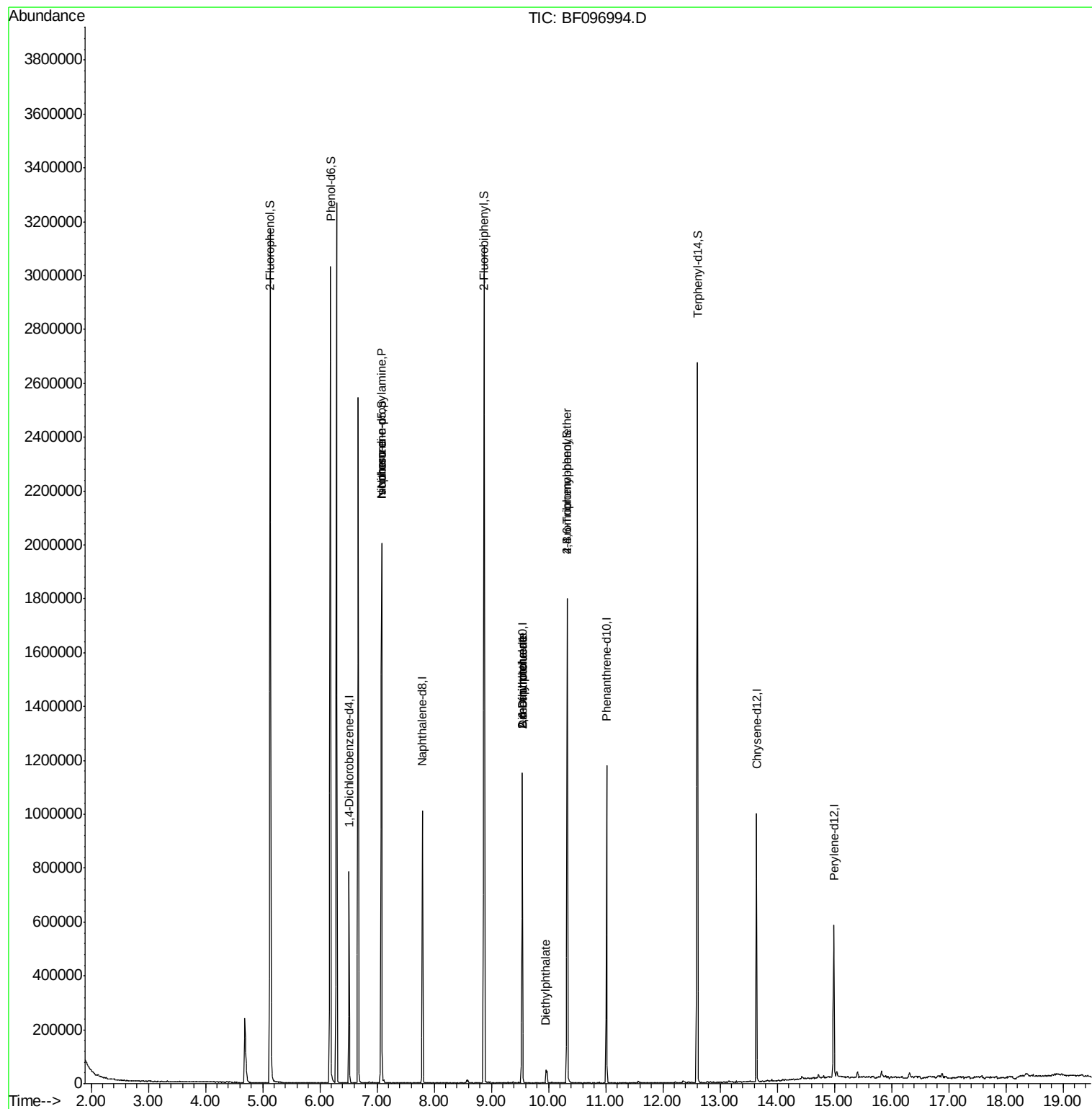
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	118120	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	518606	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	232847	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	403844	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	324255	20.00	ng	-0.04
86) Perylene-d12	14.99	264	217761	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	988485	125.83	ng	-0.02
7) Phenol-d6	6.19	99	1165085	123.59	ng	-0.03
23) Nitrobenzene-d5	7.08	82	730169	87.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	232877	117.17	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1240398	84.16	ng	-0.04
78) Terphenyl-d14	12.60	244	1003740	53.68	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.08	70	96159	16.93	ng	# 84
25) Isophorone	7.08	82	726418	46.64	ng	# 67
49) Dimethylphthalate	9.55	163	69828	3.98	ng	# 1
50) 2,6-Dinitrotoluene	9.54	165	29386	7.74	ng	# 33
56) 2,4-Dinitrotoluene	9.54	165	29386	6.02	ng	# 33
59) Diethylphthalate	9.96	149	37343	2.19	ng	99
66) 4-Bromophenyl-phenylether	10.33	248	14965	3.63	ng	# 1

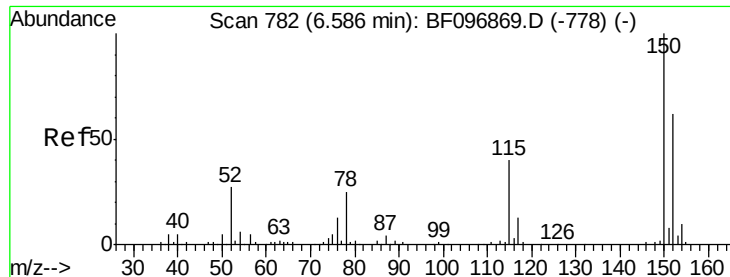
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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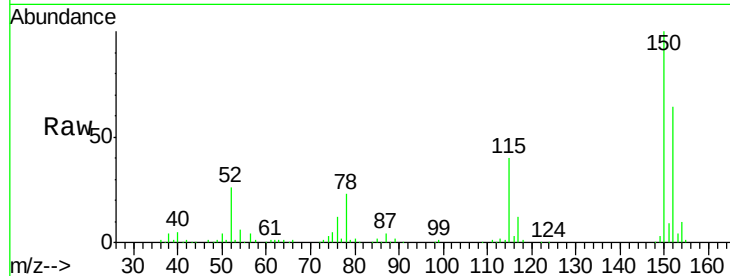


#1

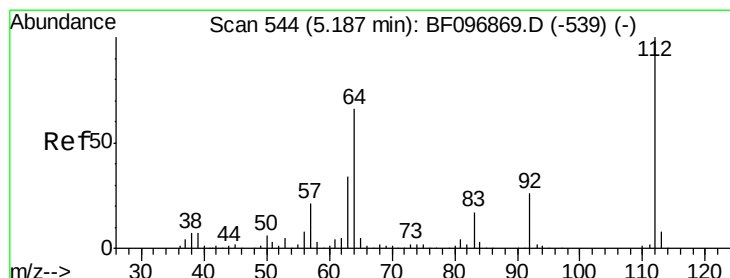
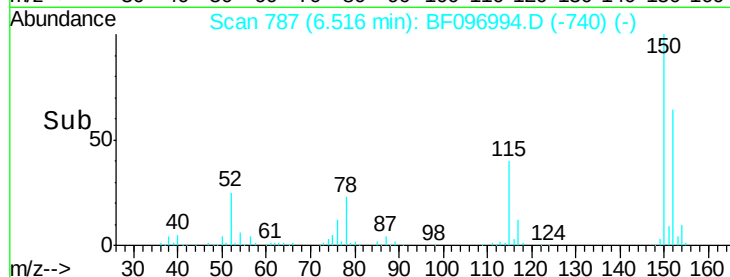
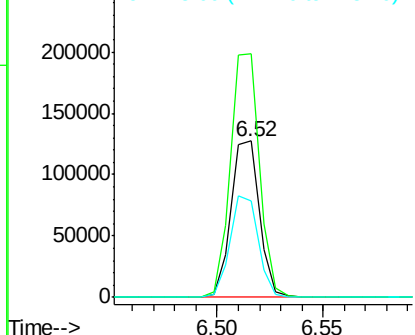
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :
PB100918BL

Tot Ion:152 Resp: 118120
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 62.2 52.2 78.2



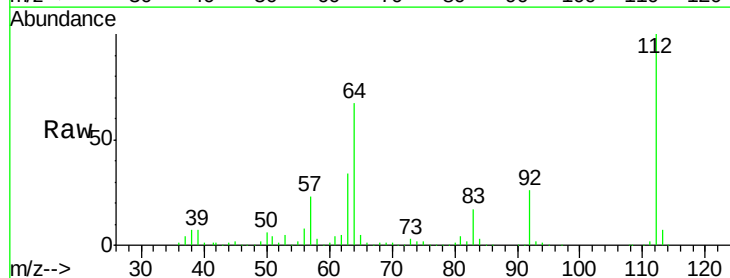
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



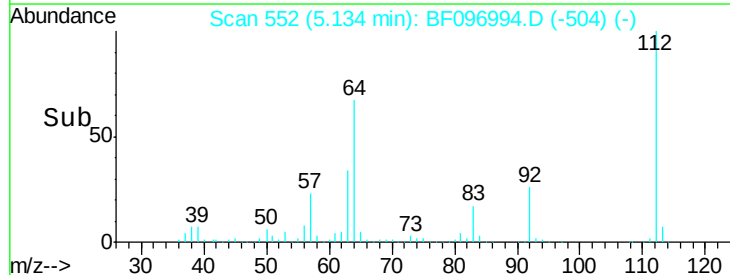
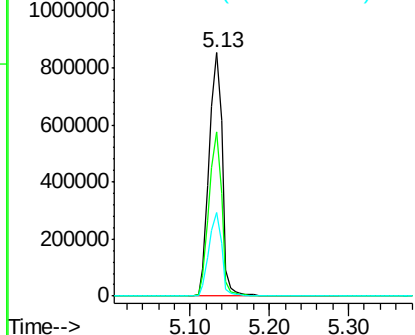
#5

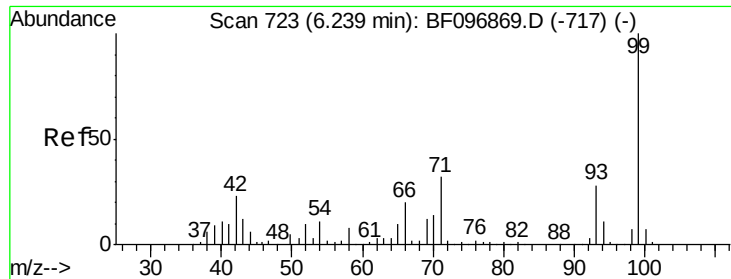
2-Fluorophenol
Concen: 125.83 ng
RT: 5.13 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Tgt Ion:112 Resp: 988485
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 34.5 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: 123.59 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

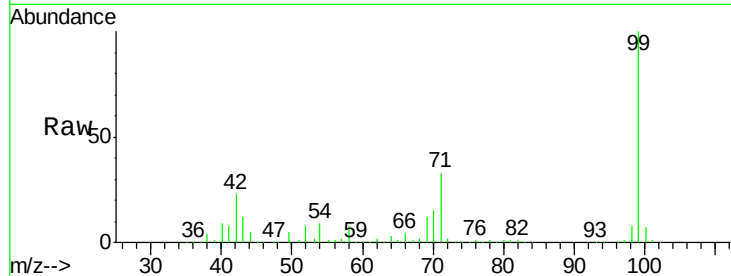
BNA_F

ClientSampled :

PB100918BL

Tot Ion: 99 Resp: 1165085

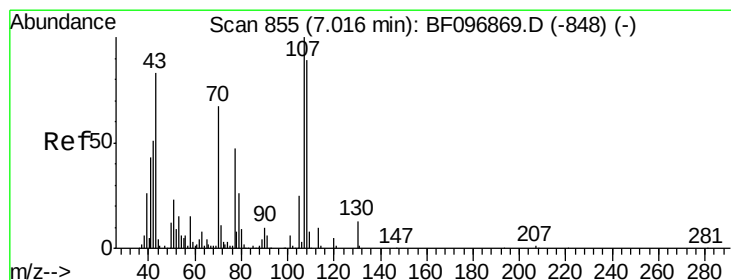
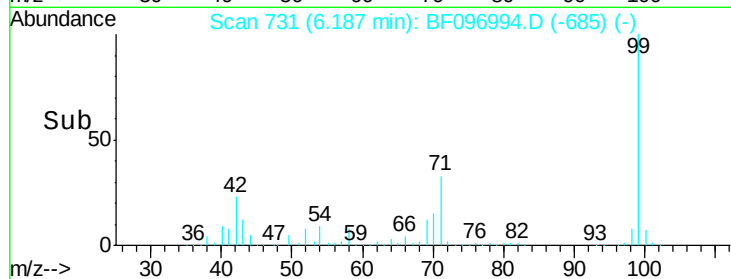
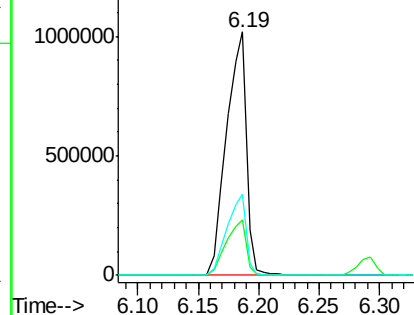
Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	33.2	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.93 ng

RT: 7.08 min Scan# 883

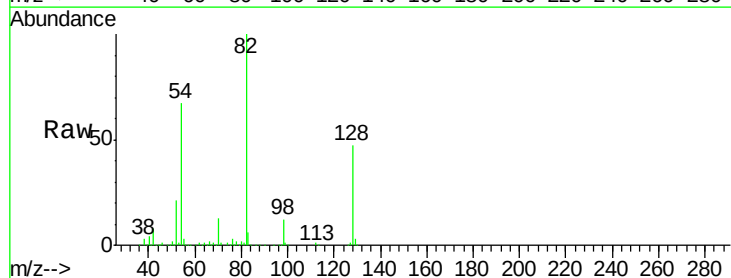
Delta R.T. 0.11 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Tgt Ion: 70 Resp: 96159

Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

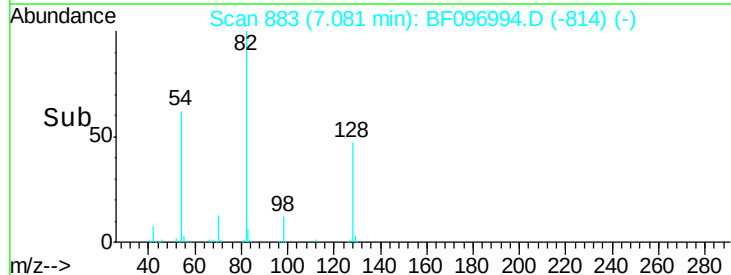
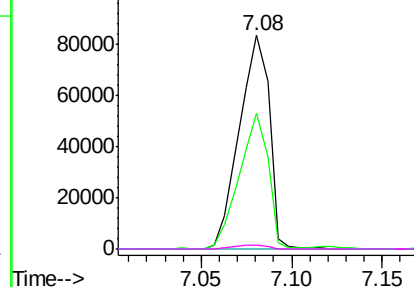


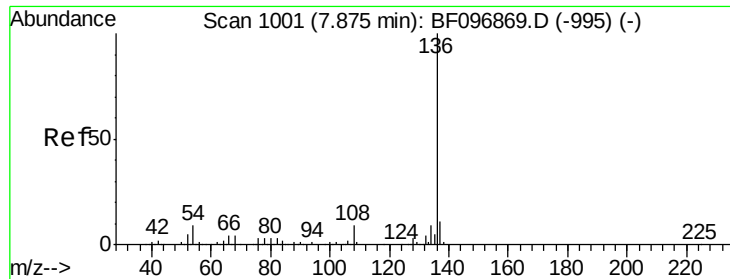
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

Tot Ion:136 Resp: 518606

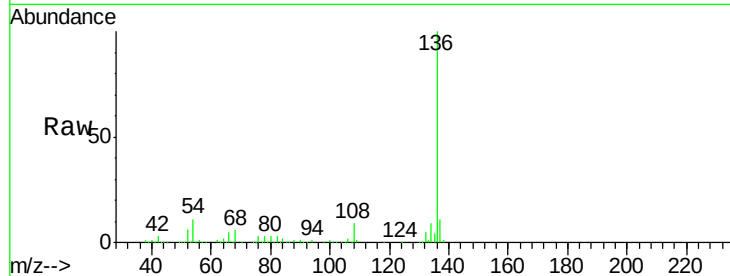
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.2 4.9 7.3#

68 5.7 4.1 6.1

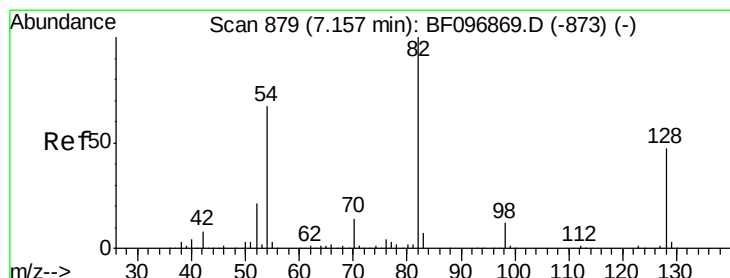
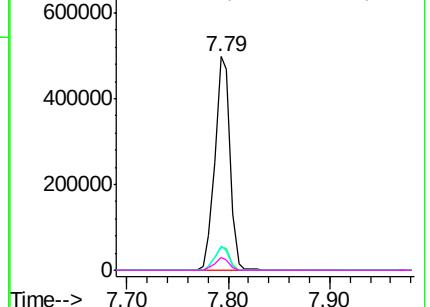
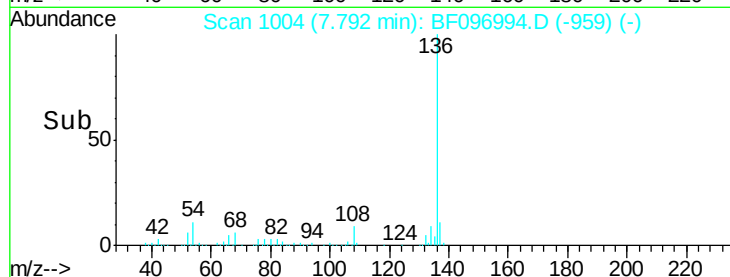


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.21 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

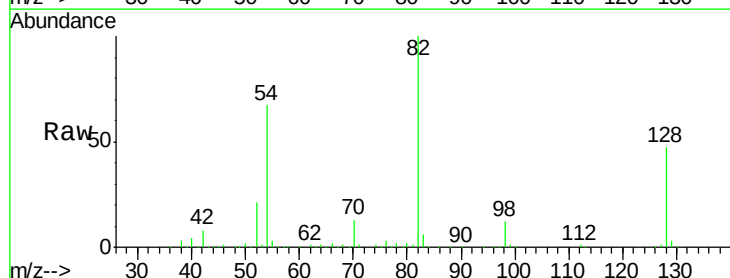
Tgt Ion: 82 Resp: 730169

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

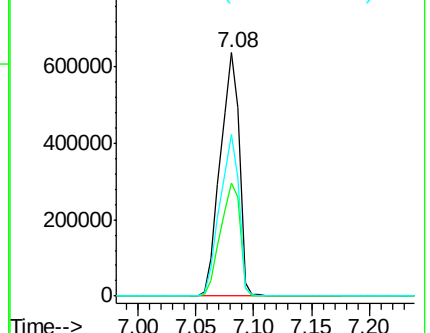
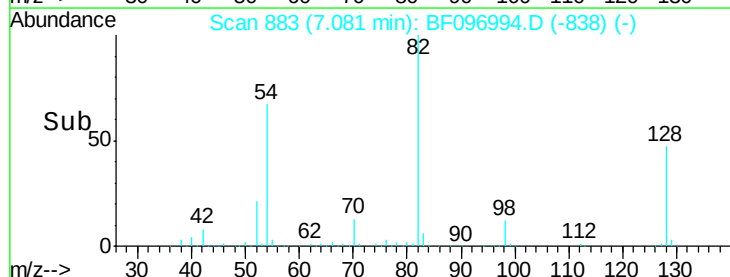
54 66.6 42.2 63.2#

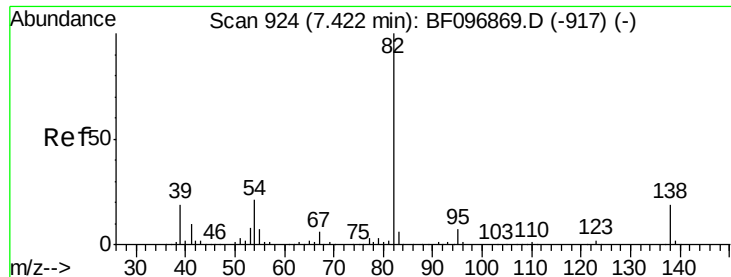


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.64 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.29 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

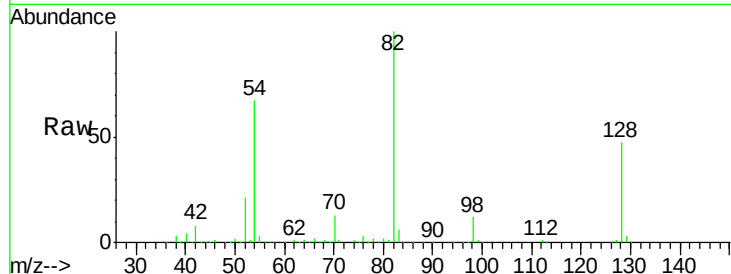
Tot Ion: 82 Resp: 726418

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

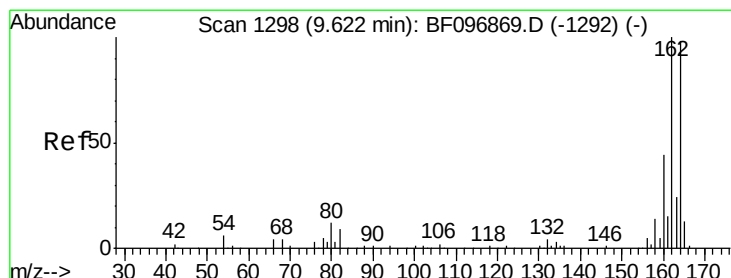
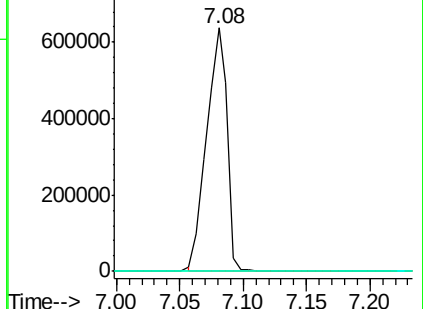
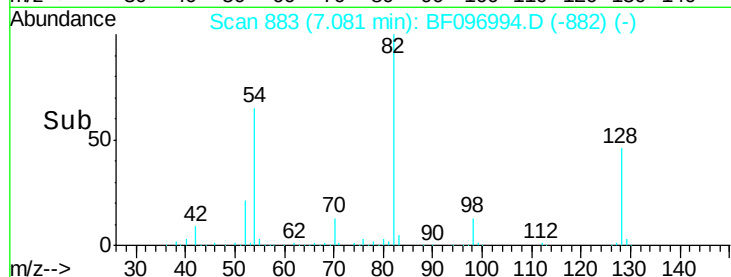
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF096994.D (-882) (-)

Ion 95.00 (94.70 to 95.70): BF096994.D (-882) (-)

Ion 138.00 (137.70 to 138.70): BF096994.D (-882) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

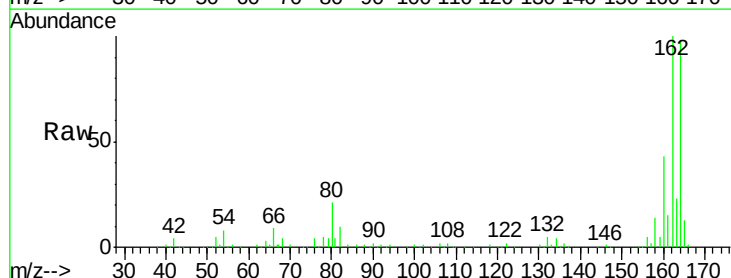
Tgt Ion: 164 Resp: 232847

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

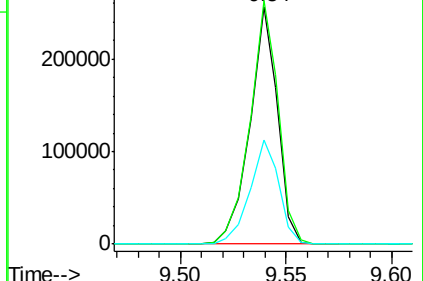
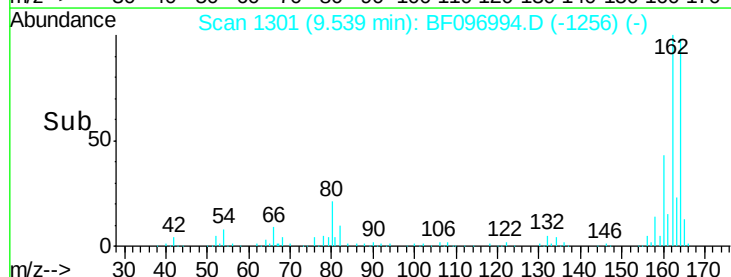
160 43.5 36.2 54.2

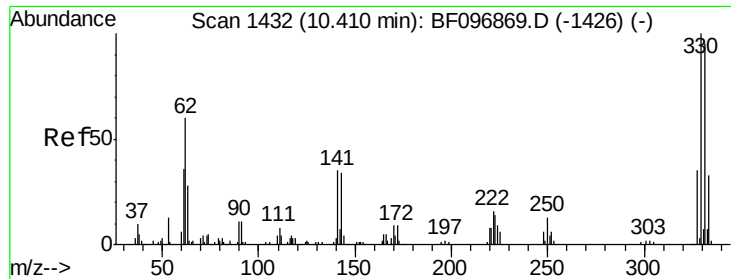


Abundance Ion 164.00 (163.70 to 164.70): BF096994.D (-1256) (-)

Ion 162.00 (161.70 to 162.70): BF096994.D (-1256) (-)

Ion 160.00 (159.70 to 160.70): BF096994.D (-1256) (-)

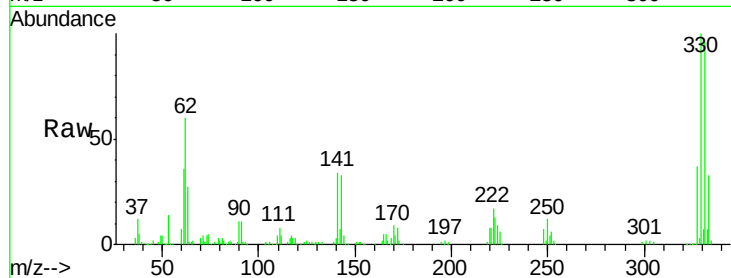




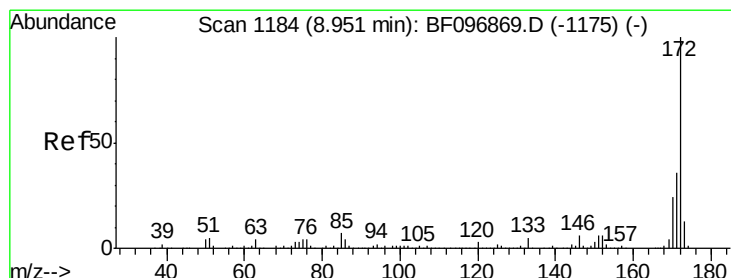
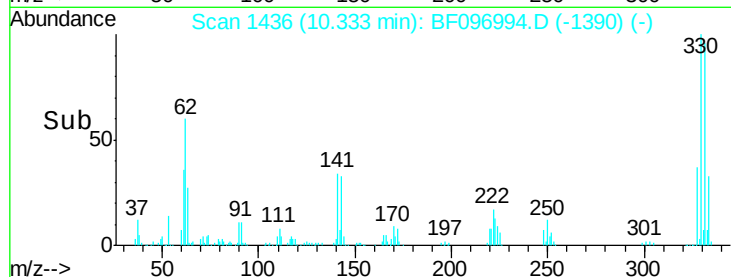
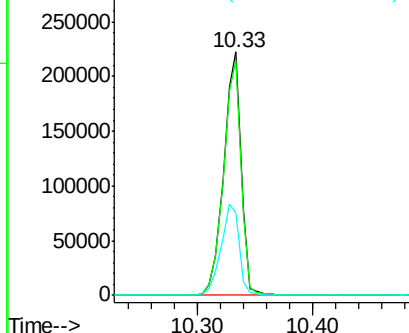
#41
 2,4,6-Tribromophenol
 Concen: 117.17 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF096994.D
 Acq: 24 Jul 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.1	31.4	47.2

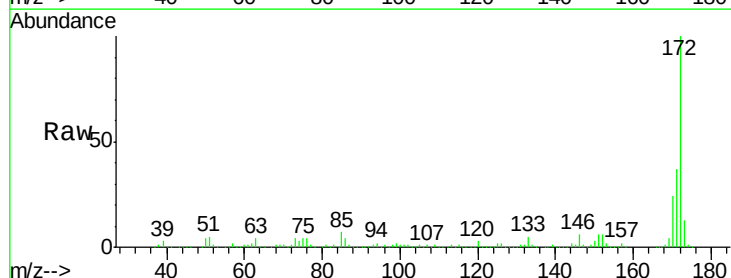


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

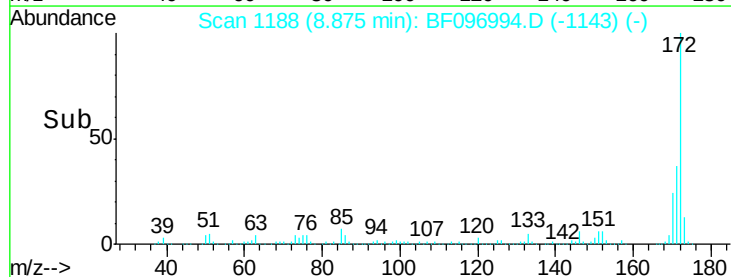
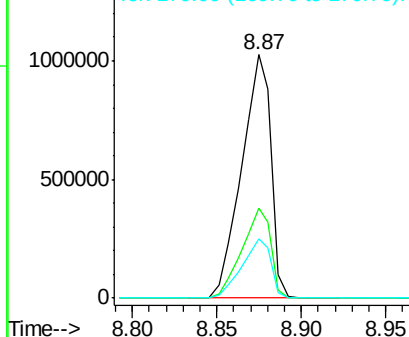


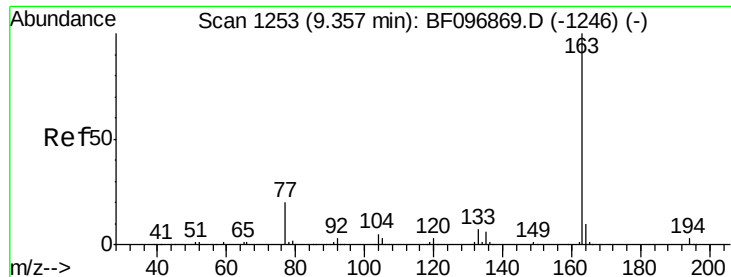
#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF096994.D
 Acq: 24 Jul 2017 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.2	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: 3.98 ng

RT: 9.55 min Scan# 1302

Delta R.T. 0.23 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

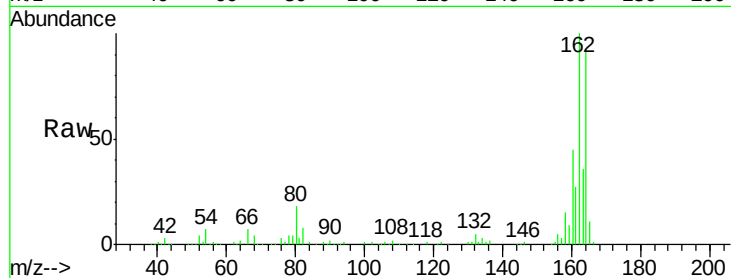
Tot Ion:163 Resp: 69828

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

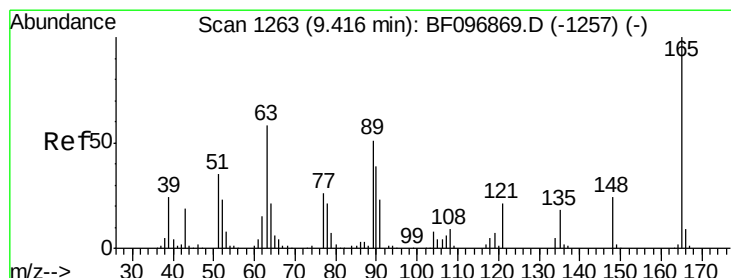
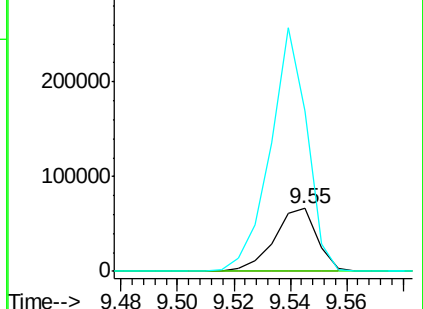
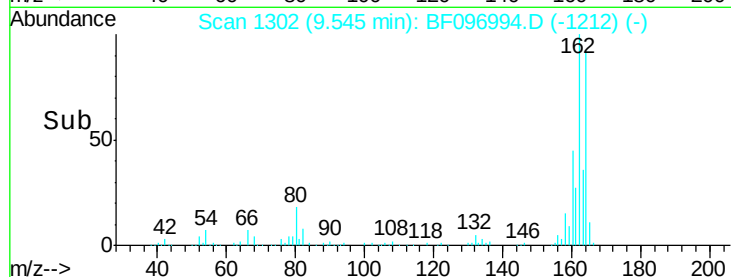
164 254.3 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 7.74 ng

RT: 9.54 min Scan# 1301

Delta R.T. 0.16 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

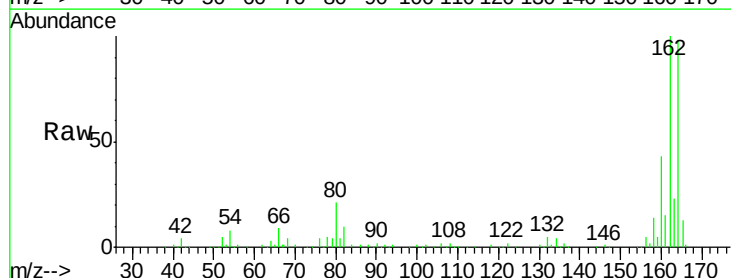
Tgt Ion:165 Resp: 29386

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

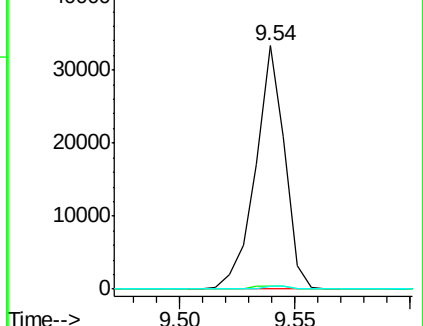
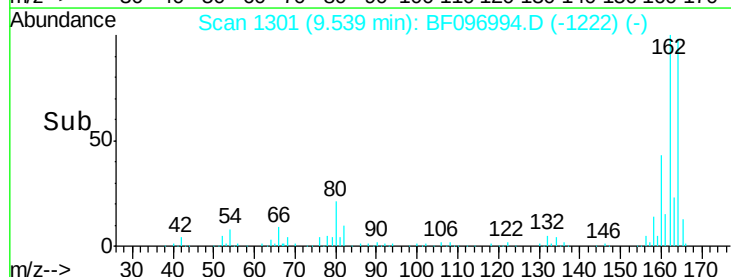
89 1.0 37.1 55.7#

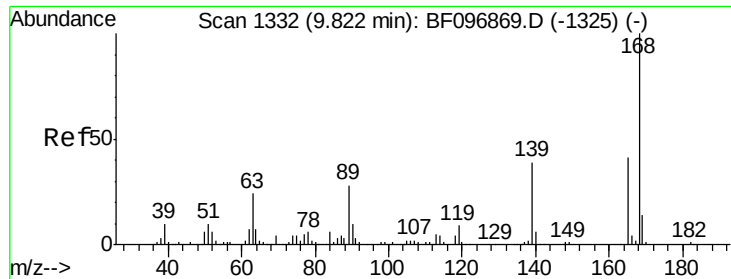


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

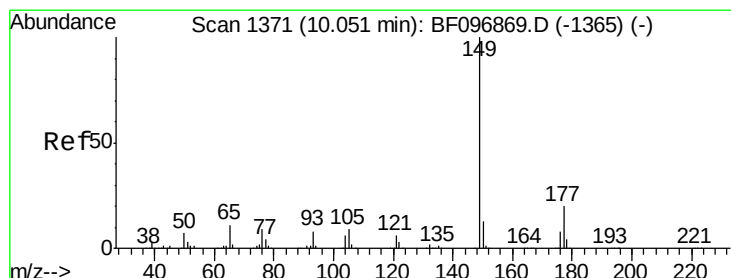
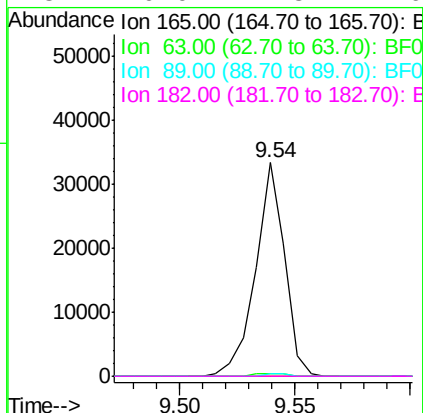
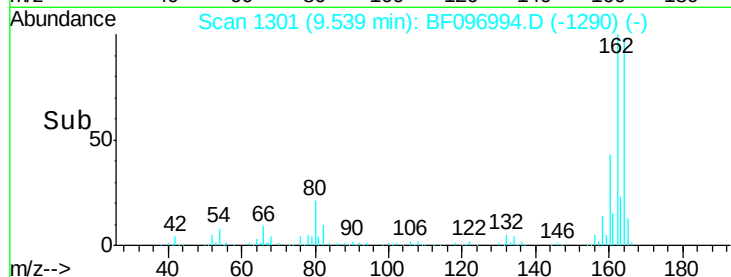
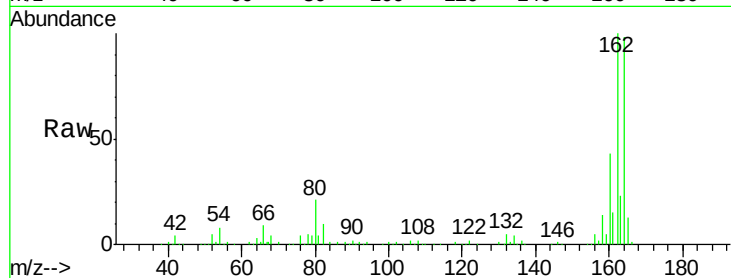




#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.24 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

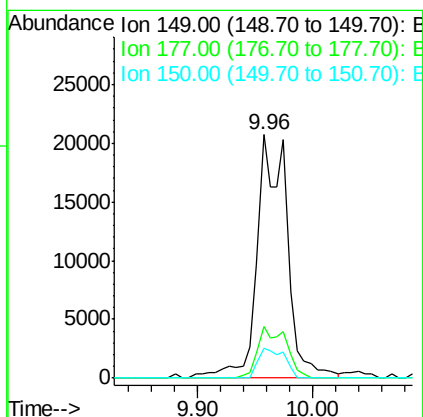
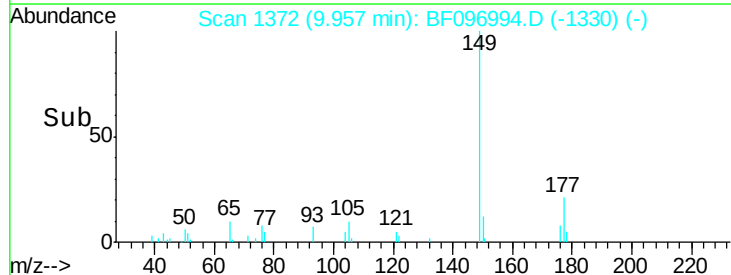
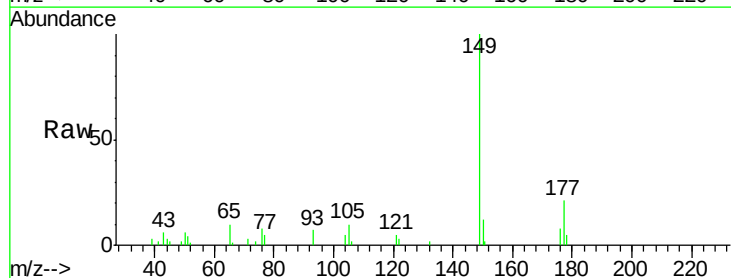
Instrument :
BNA_F
ClientSampleId :
PB100918BL

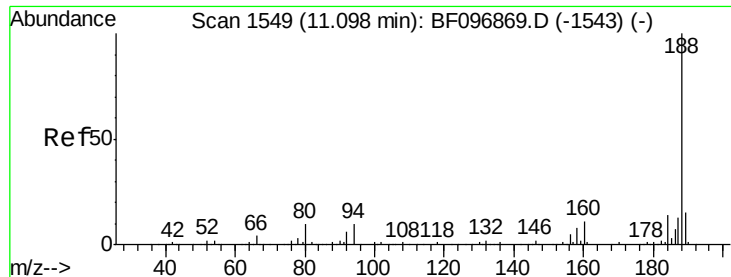
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



#59
Diethylphthalate
Concen: 2.19 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.2	10.2	15.2

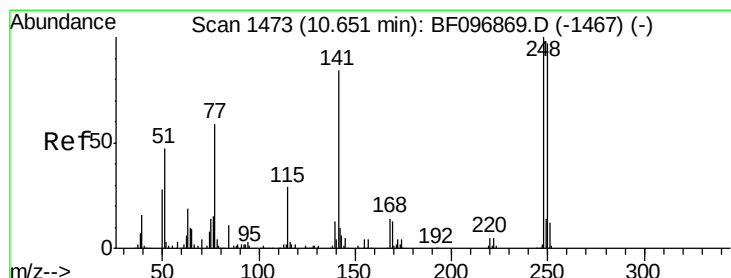
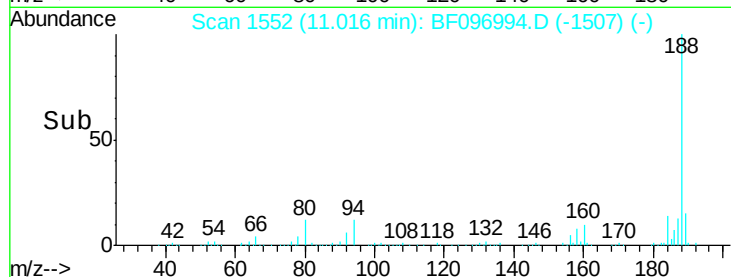
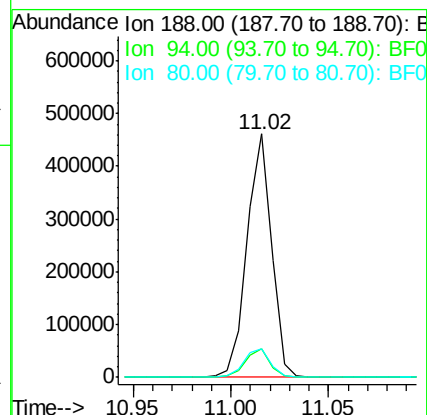
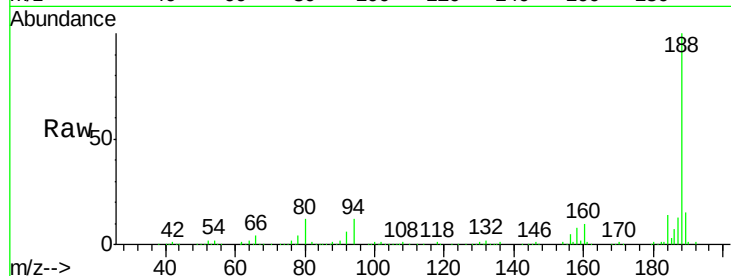




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

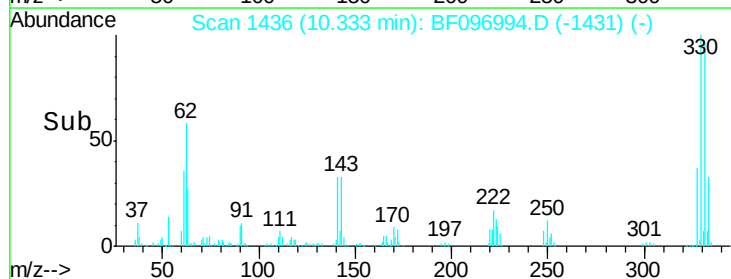
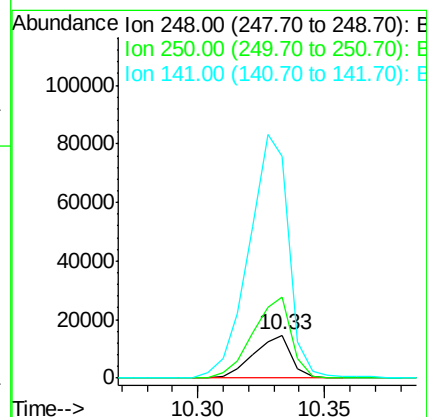
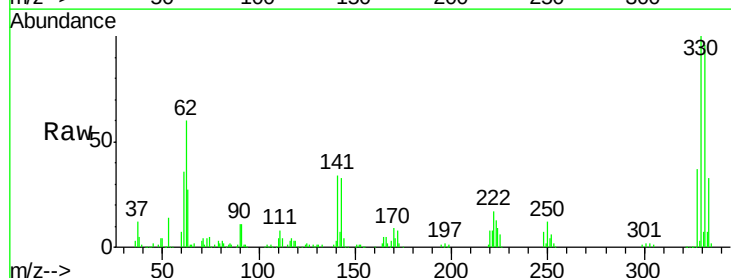
Instrument :
BNA_F
ClientSampleId :
PB100918BL

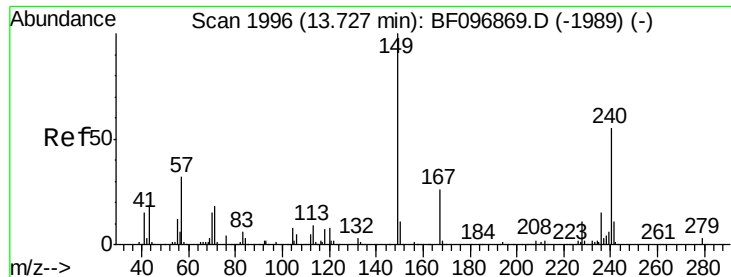
Tot Ion:188 Resp: 403844
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.0 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.27 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Tgt Ion:248 Resp: 14965
Ion Ratio Lower Upper
248 100
250 190.5 76.8 115.2#
141 519.7 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: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

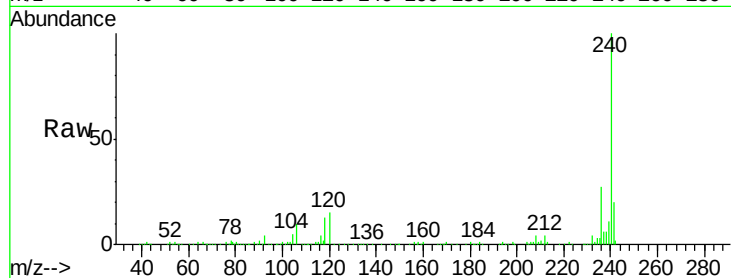
Tot Ion:240 Resp: 324255

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

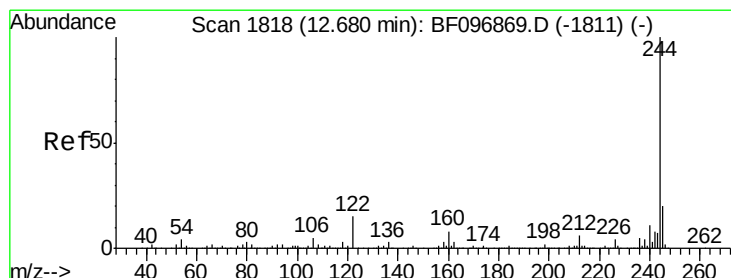
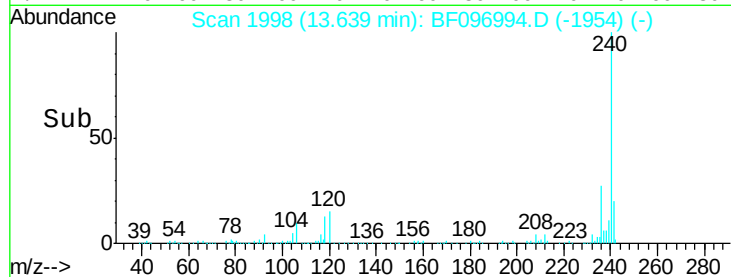
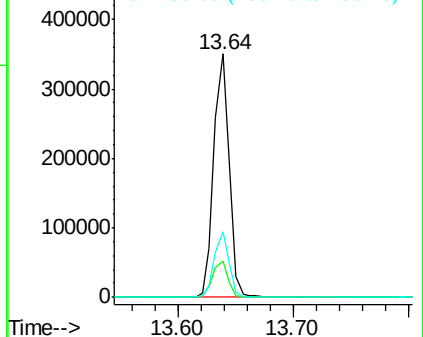
236 27.2 20.5 30.7



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: 53.68 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

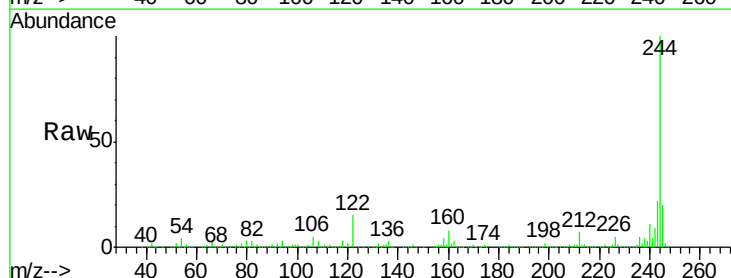
Tgt Ion:244 Resp: 1003740

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

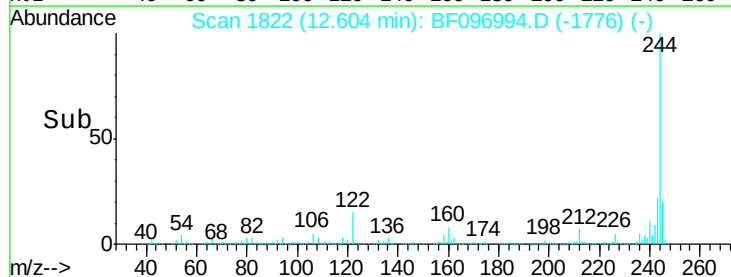
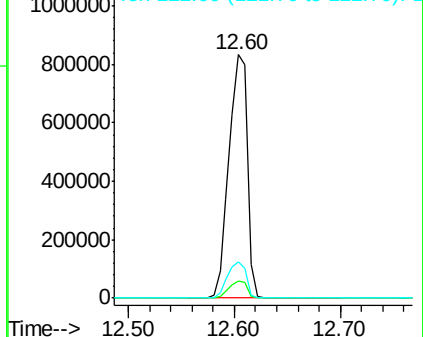
122 14.7 10.3 15.5

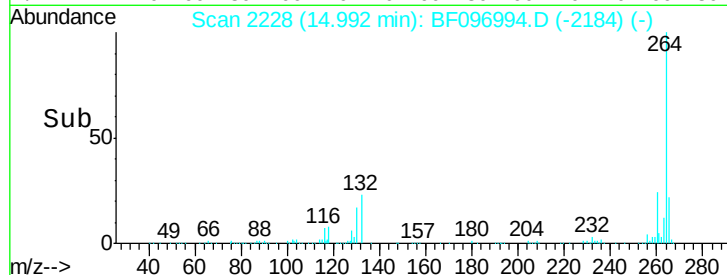
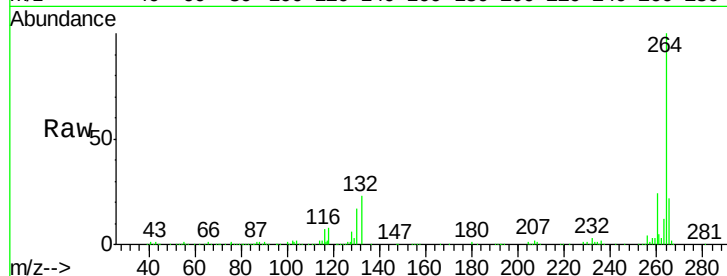
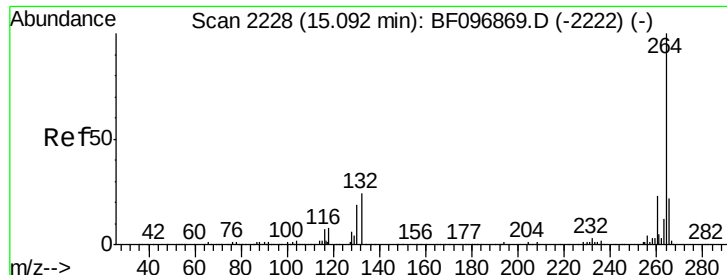


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :
PB100918BL

Tot Ion:	264	Resp:	217761
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	22.4	17.2	25.8

