

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 :

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

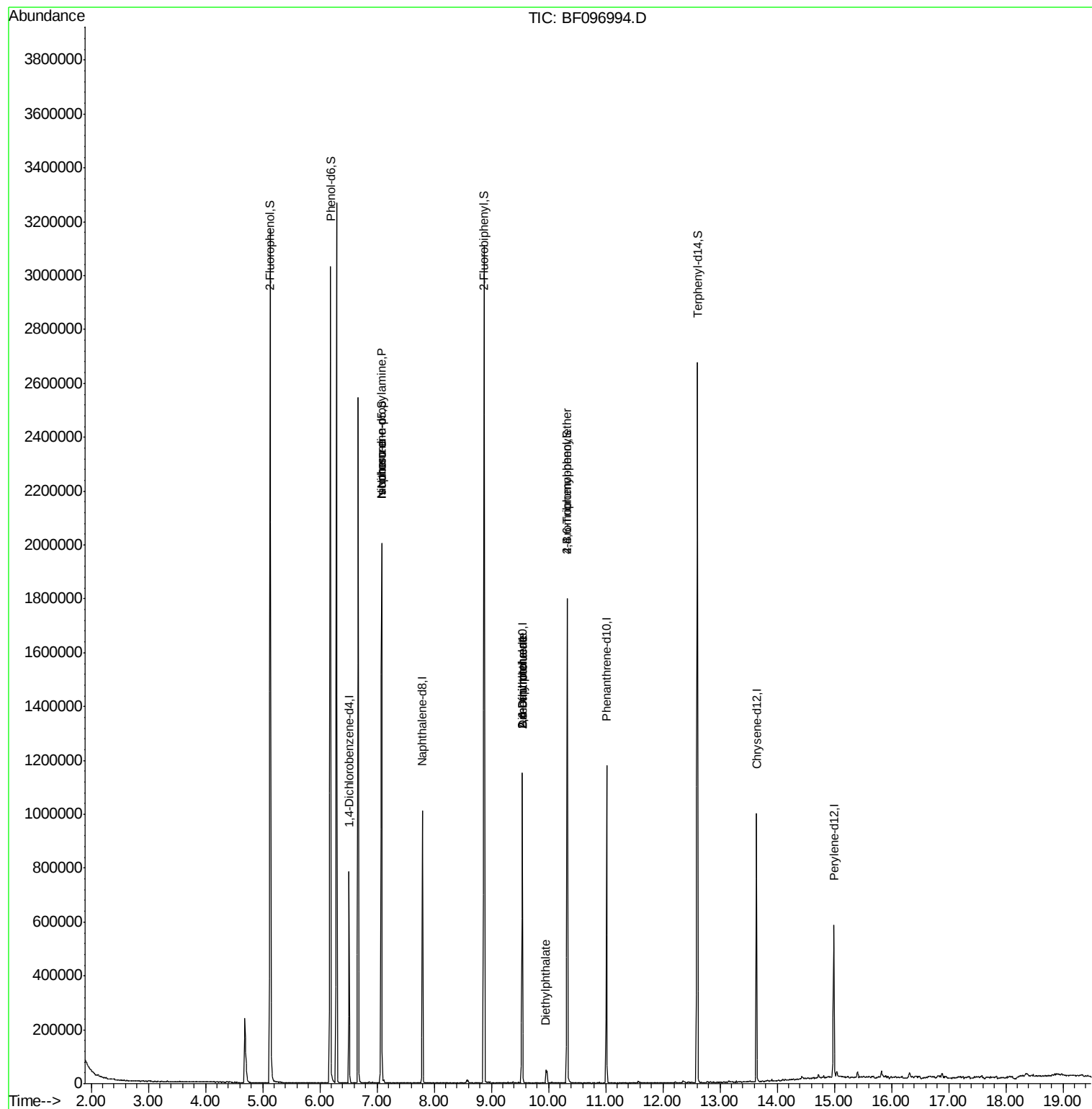
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	118120	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	518606	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	232847	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	403844	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	324255	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

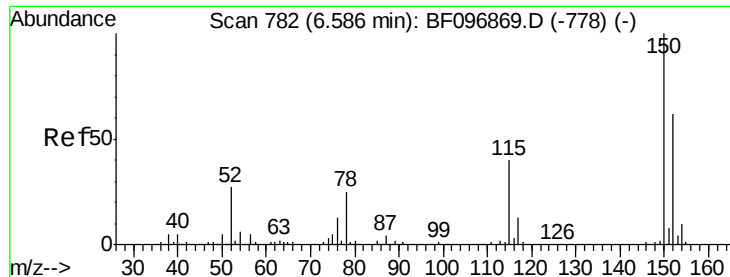
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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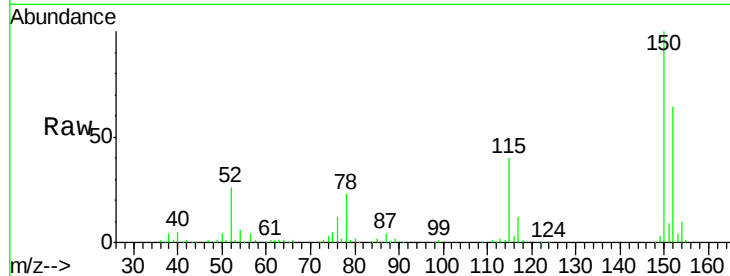


#1

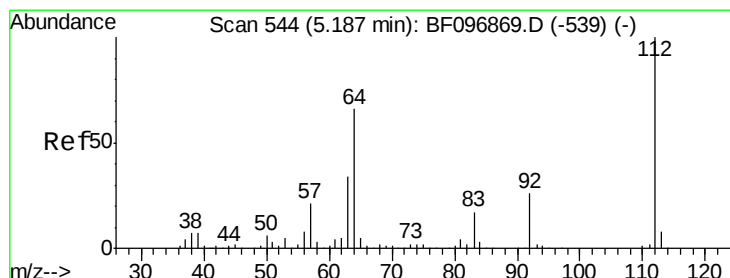
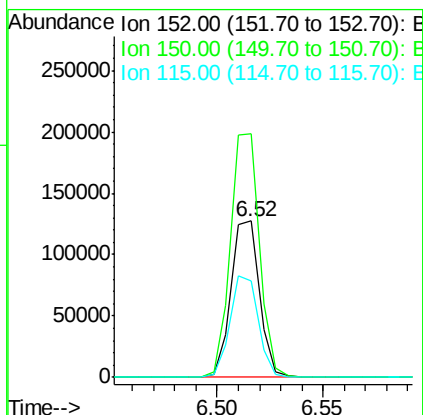
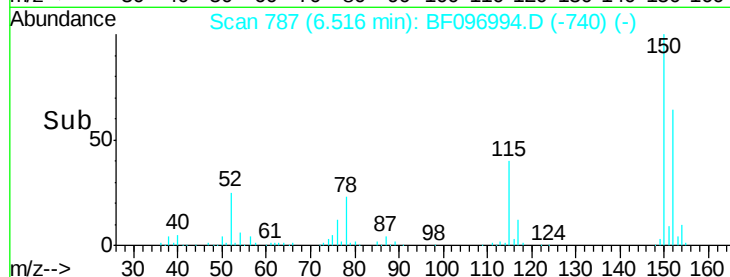
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :

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



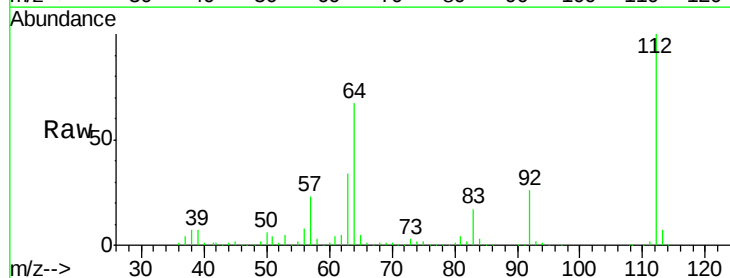
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



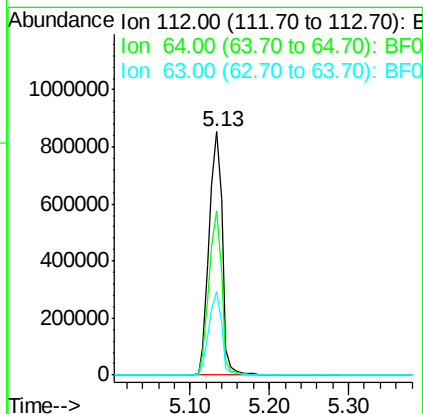
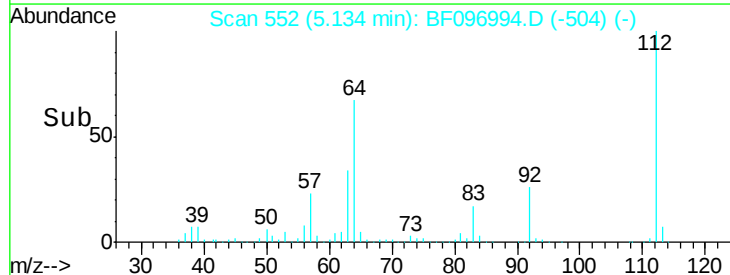
#5

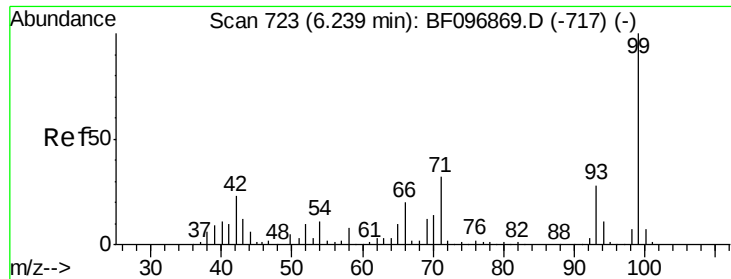
2-Fluorophenol
Concen: 125.83 ng
RT: 5.13 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

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 :

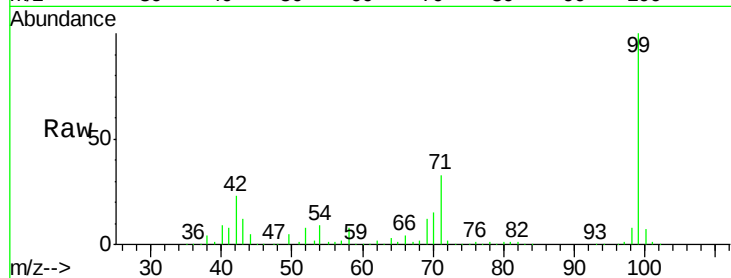
Tot Ion: 99 Resp: 1165085

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

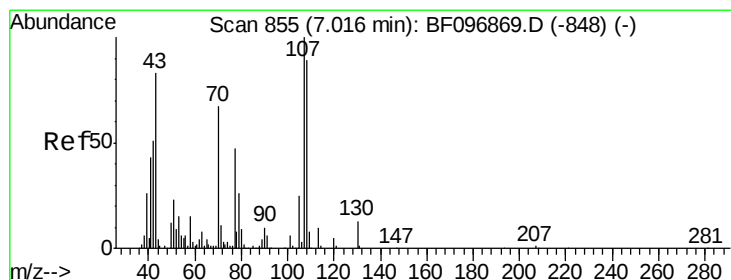
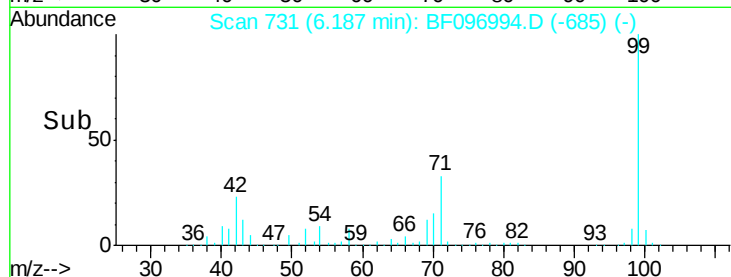
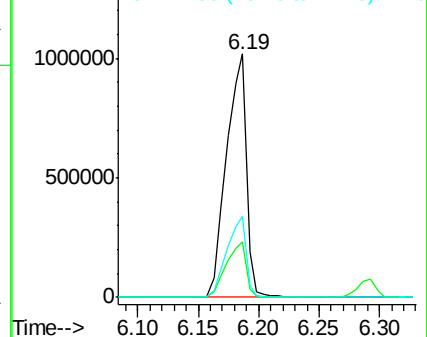
71 33.2 24.5 36.7



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

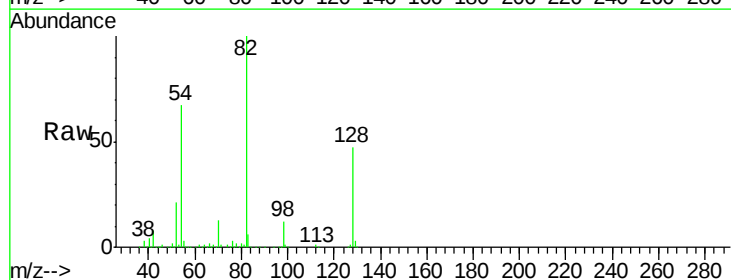
Ion Ratio Lower Upper

70 100

42 63.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

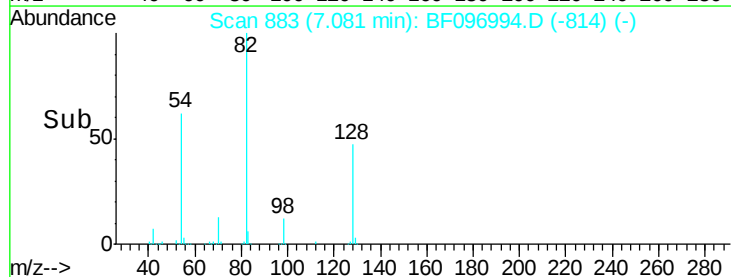
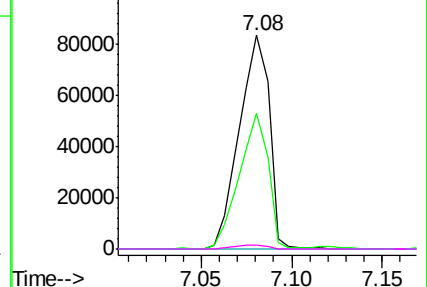


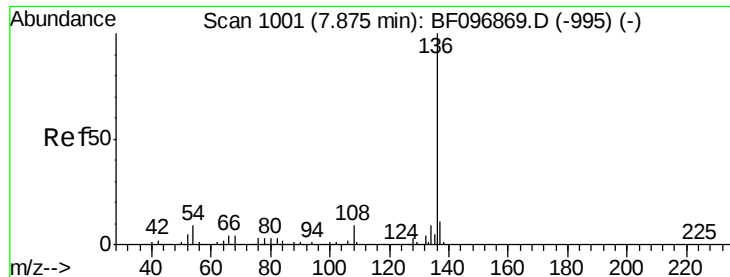
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

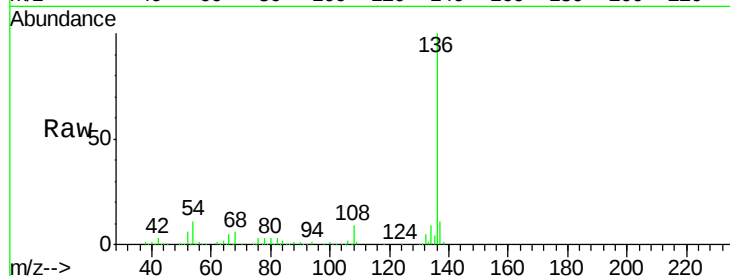




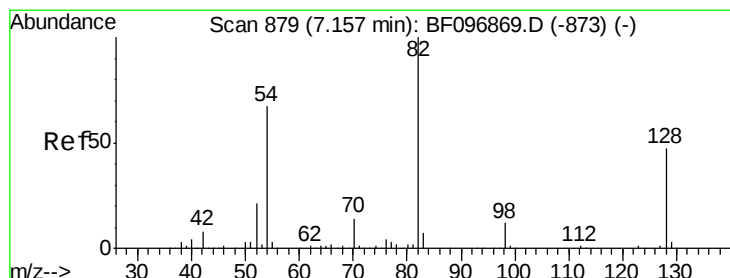
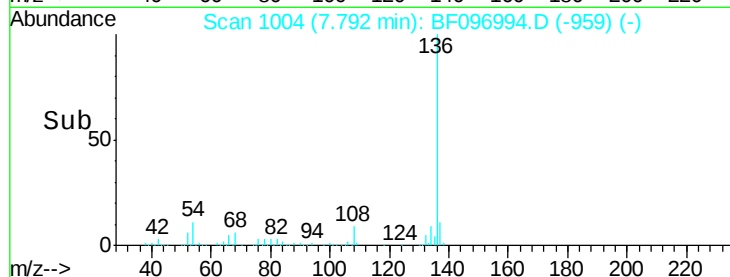
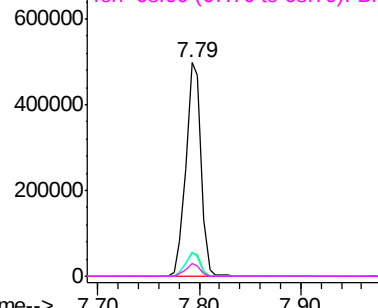
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :

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

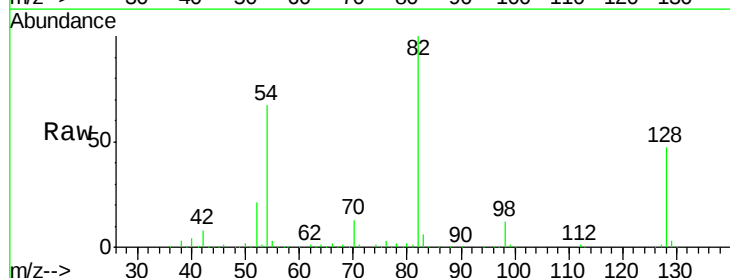


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

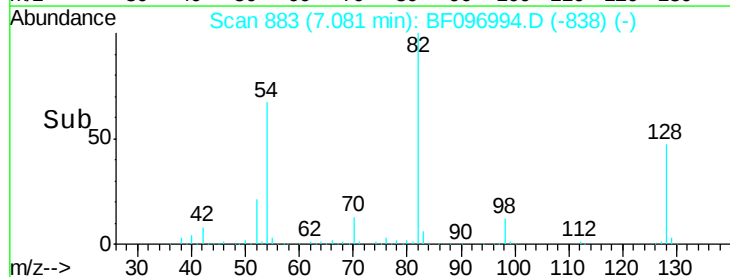
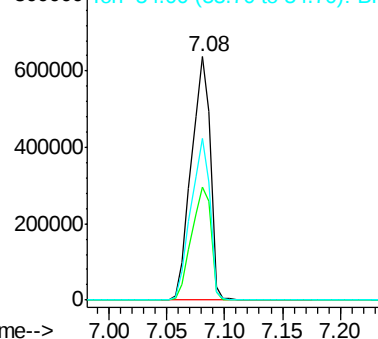


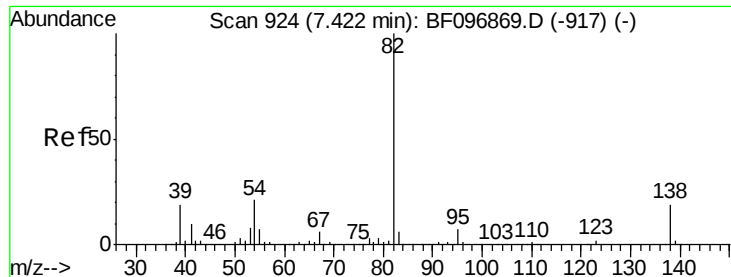
#23
Nitrobenzene-d5
Concen: 87.21 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

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

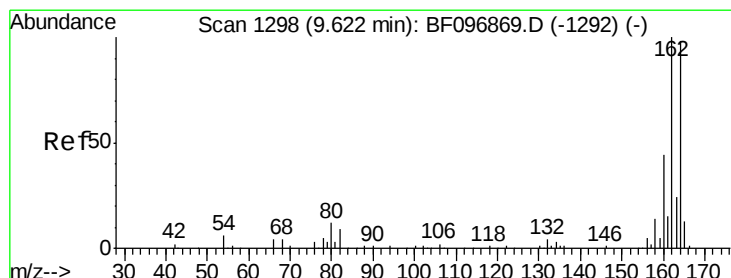
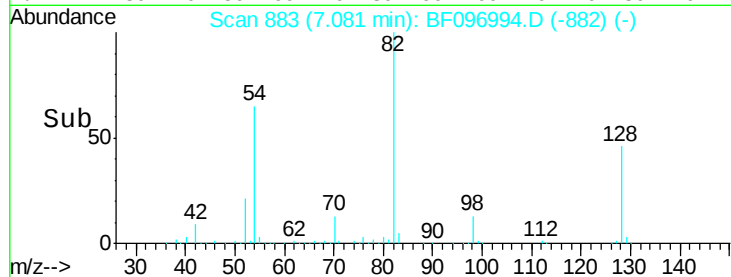
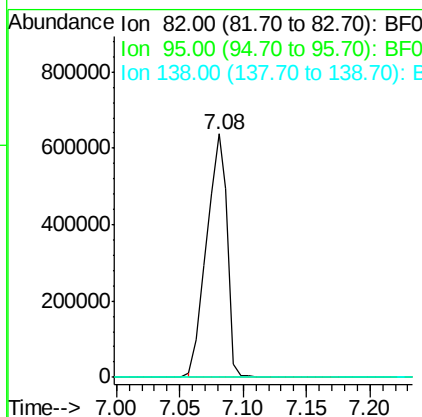
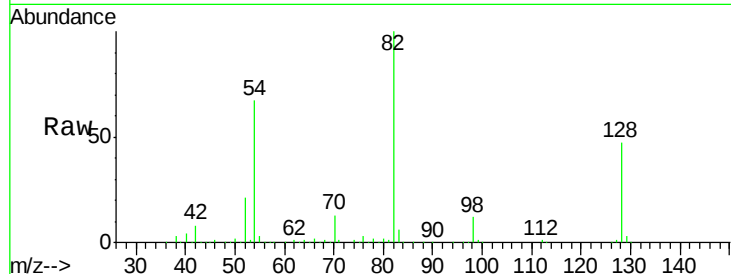




#25
Isophorone
Concen: 46.64 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.29 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

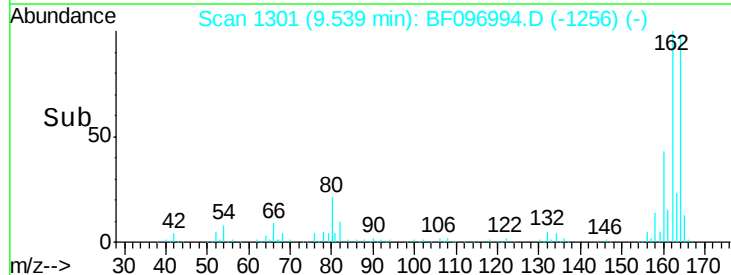
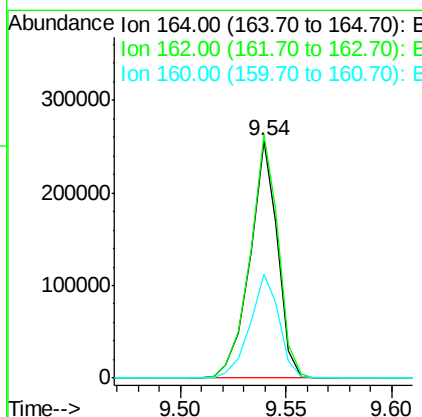
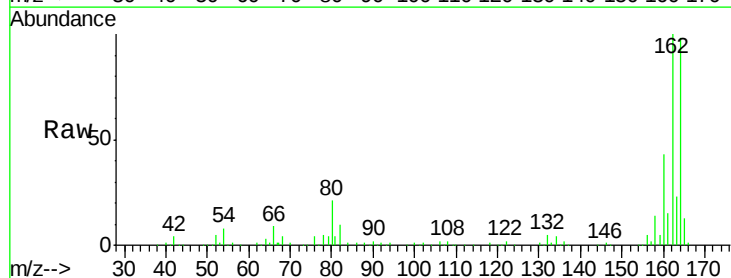
Instrument :
BNA_F
ClientSampleId :

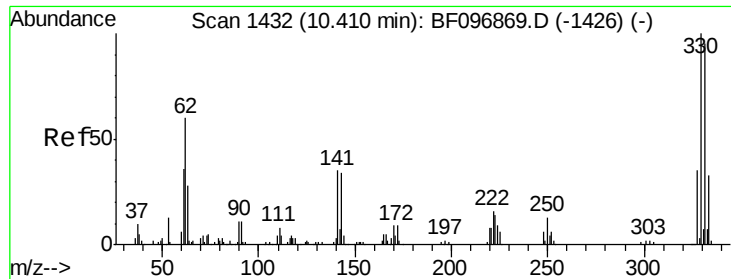
Tot Ion: 82 Resp: 726418
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#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

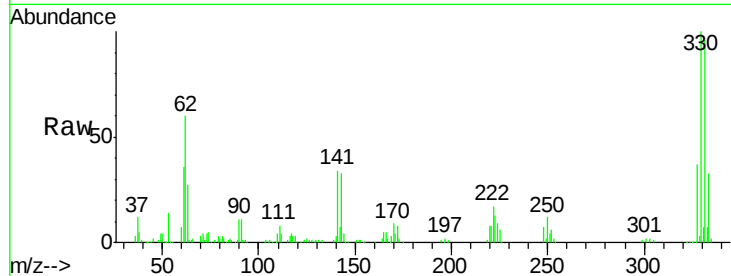




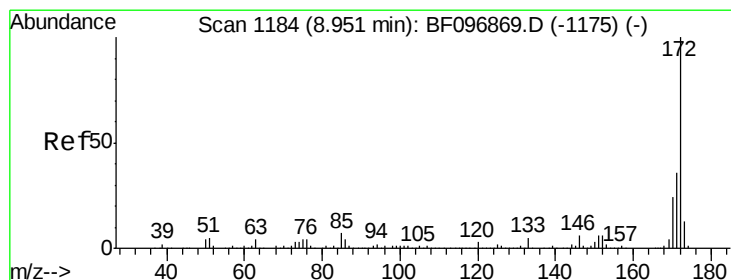
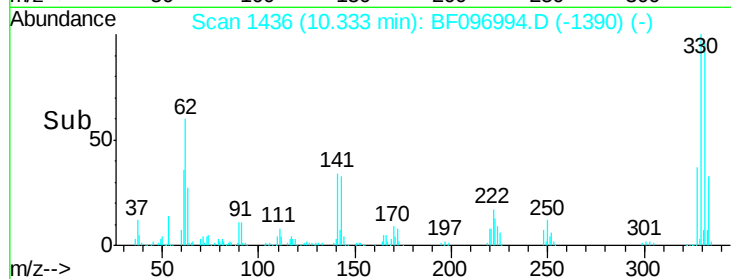
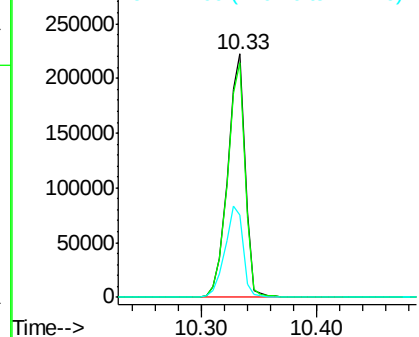
#41
 2,4,6-Tribromophenol
 Concen: 117.17 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF096994.D
 Acq: 24 Jul 2017 19:29

Instrument :
 BNA_F
 ClientSampled :

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

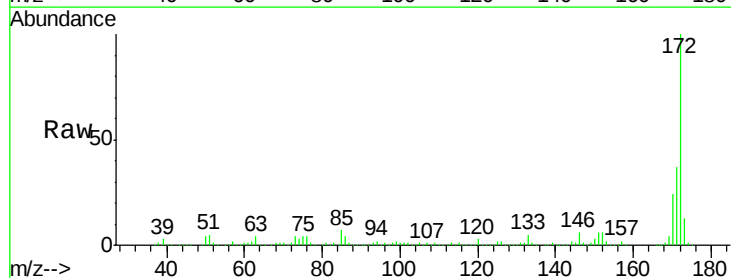


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

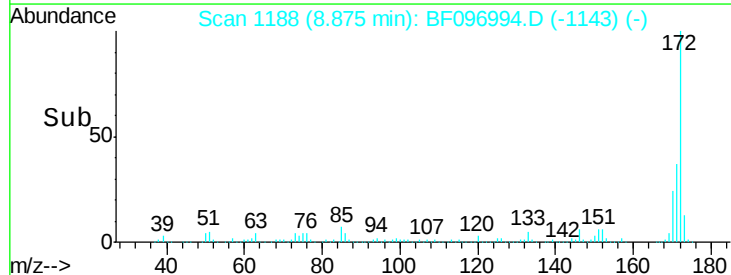
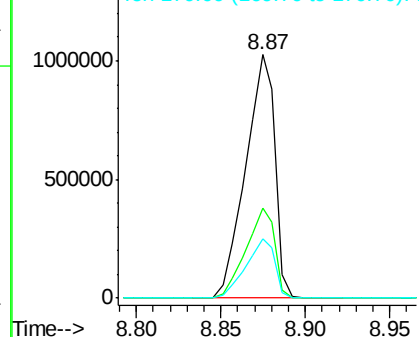


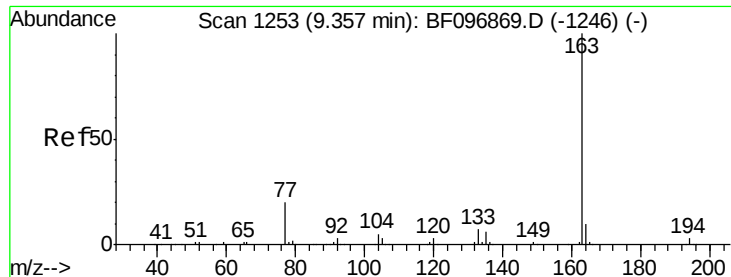
#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF096994.D
 Acq: 24 Jul 2017 19:29

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

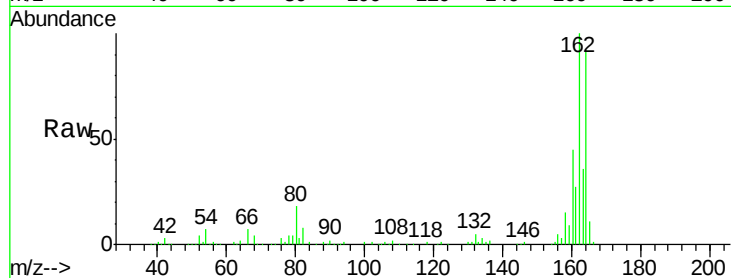




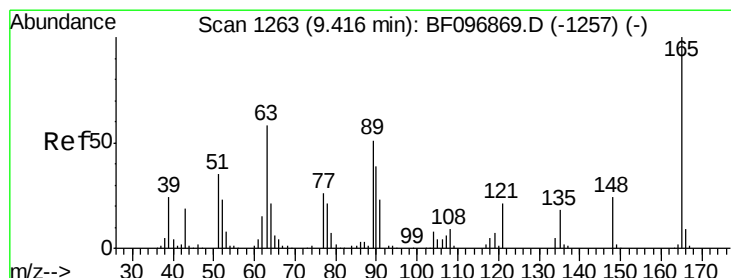
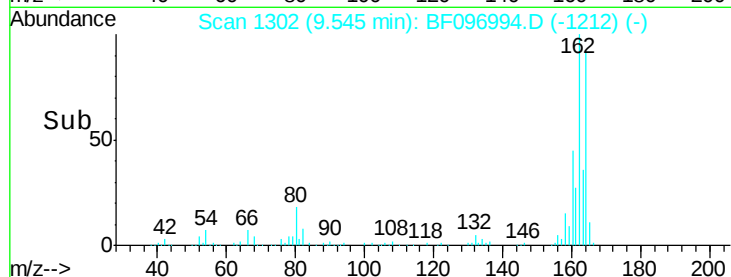
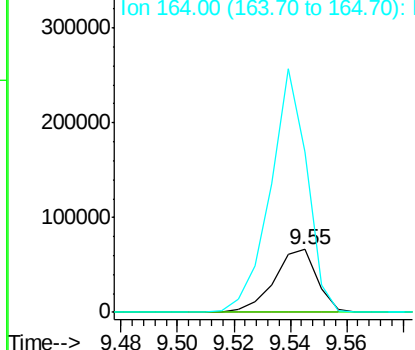
#49
Dimethylphthalate
Concen: 3.98 ng
RT: 9.55 min Scan# 1302
Delta R.T. 0.23 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :

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#

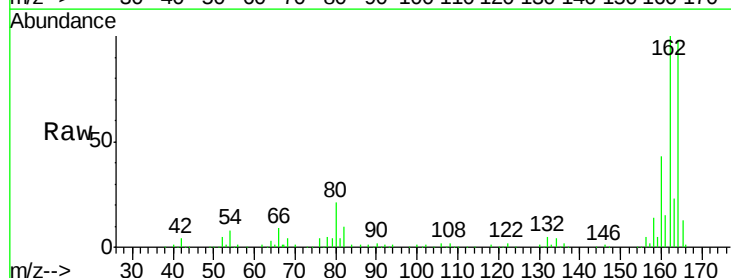


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

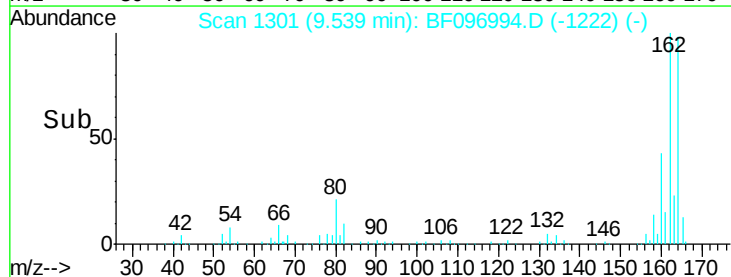
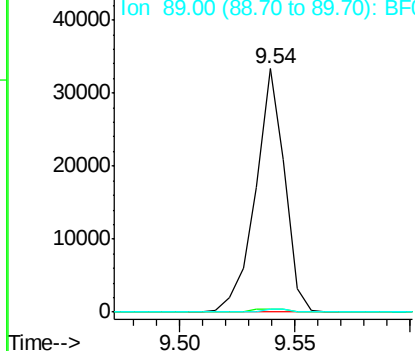


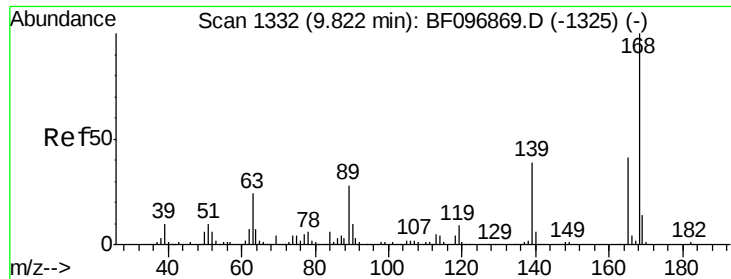
#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.54 min Scan# 1301
Delta R.T. 0.16 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

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

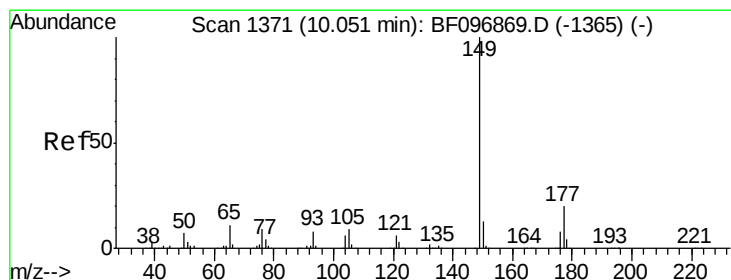
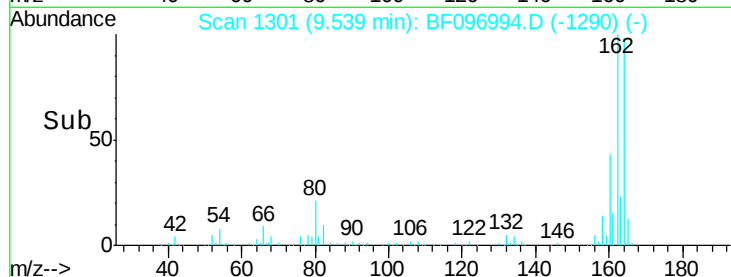
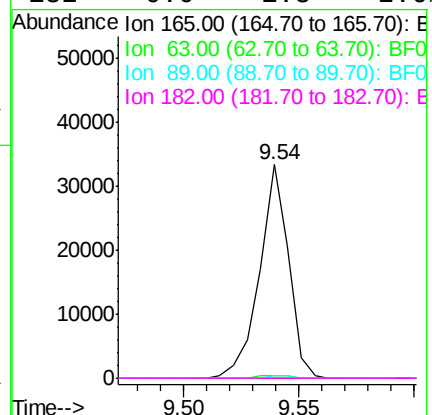
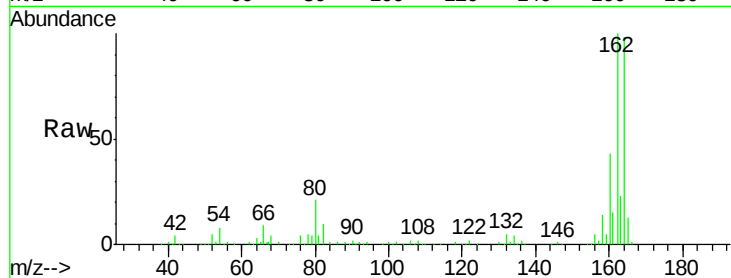




#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.24 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

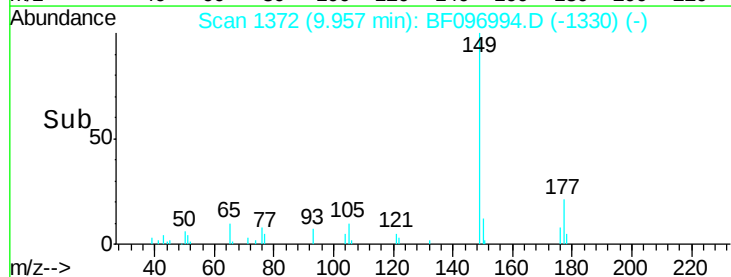
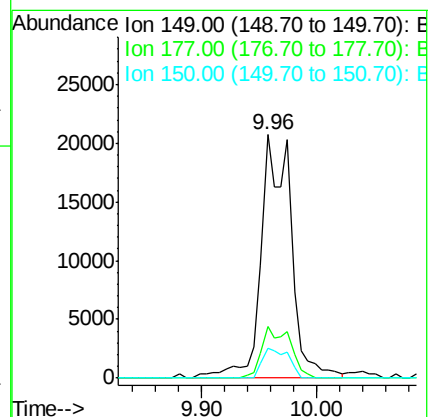
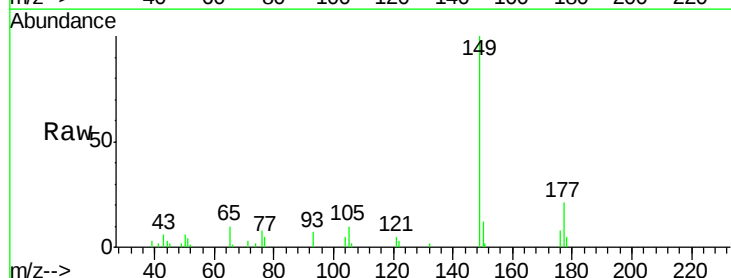
Instrument :
BNA_F
ClientSampleId :

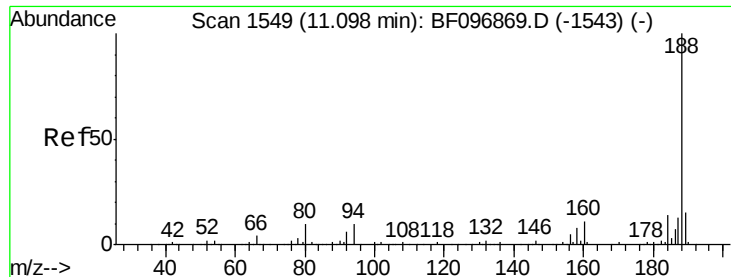
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



#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

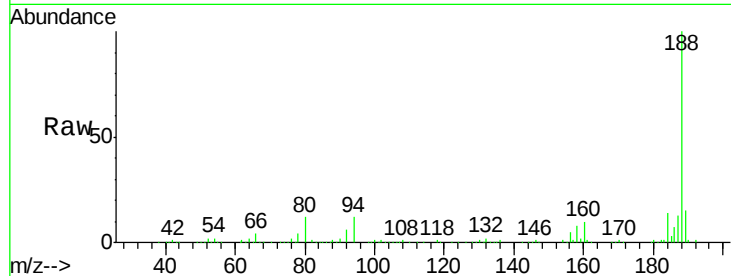




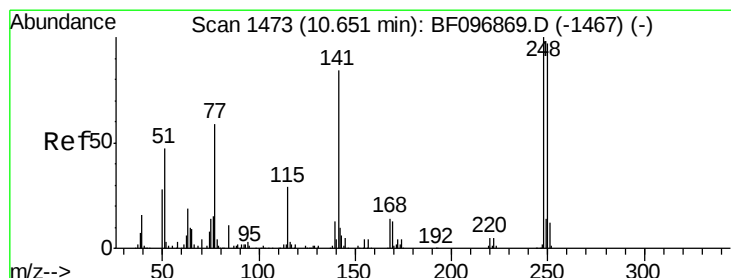
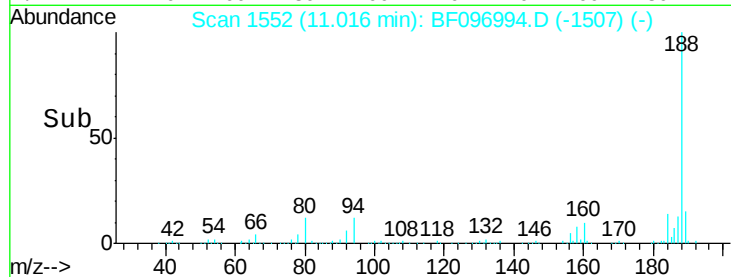
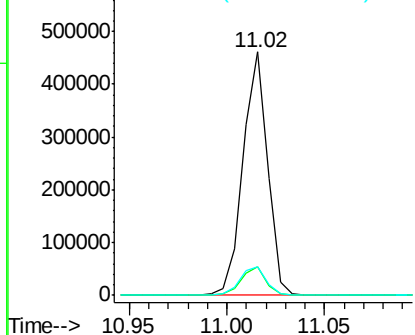
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :

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

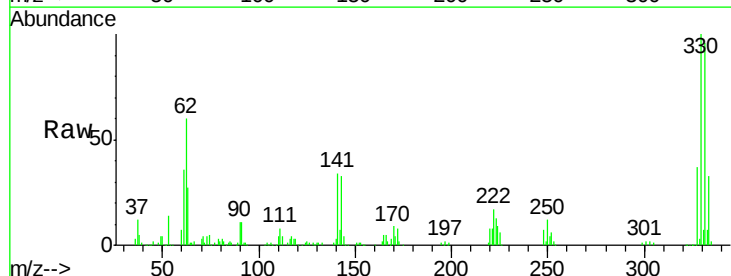


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

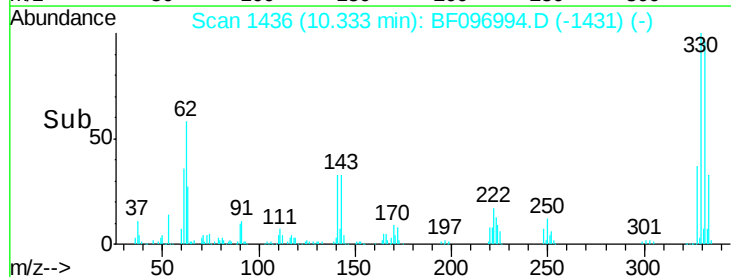
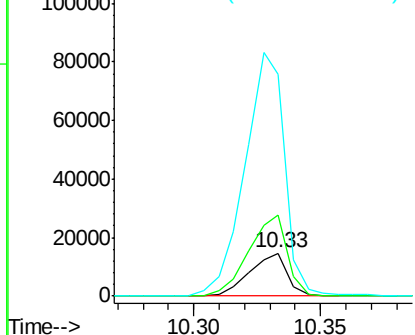


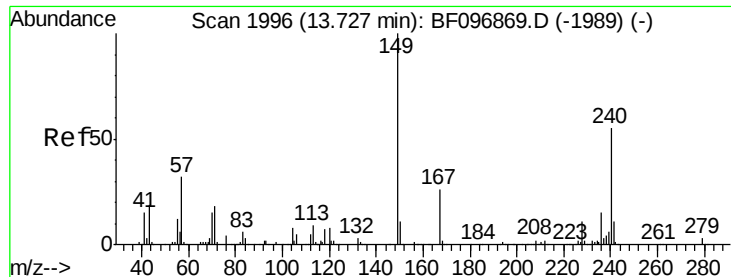
#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.27 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

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#



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: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

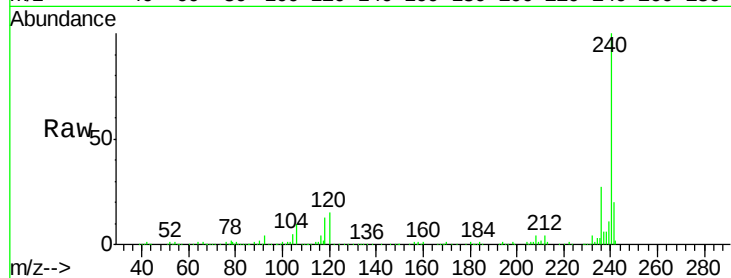
Tot Ion:240 Resp: 324255

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

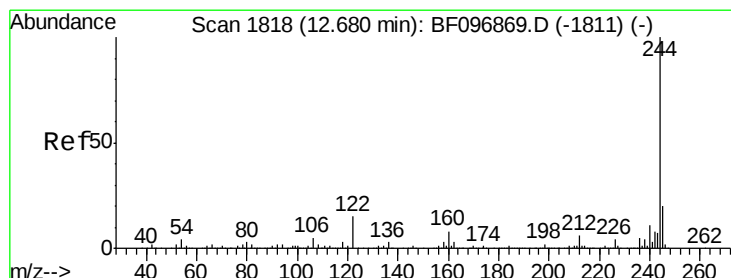
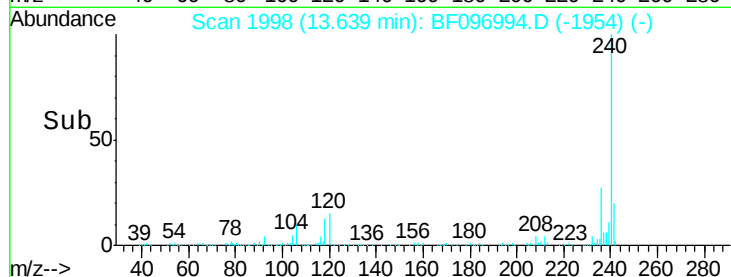
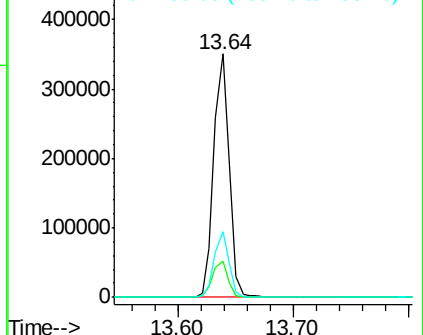
236 27.2 20.5 30.7



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

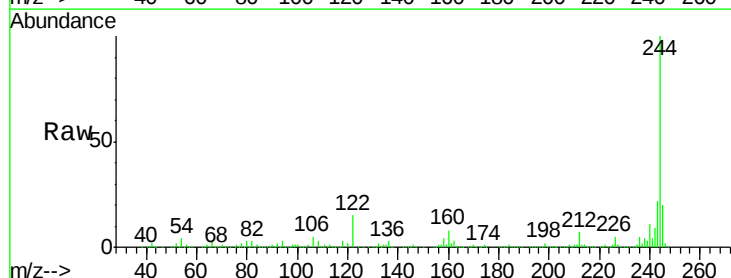
Tgt Ion:244 Resp: 1003740

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

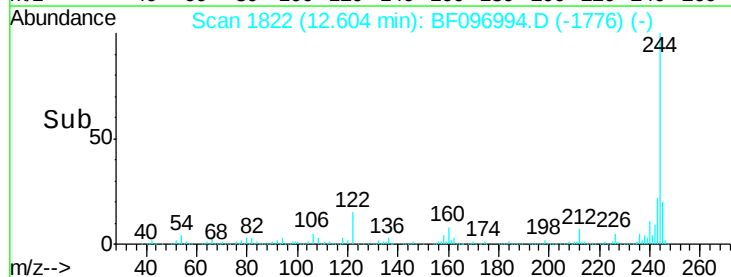
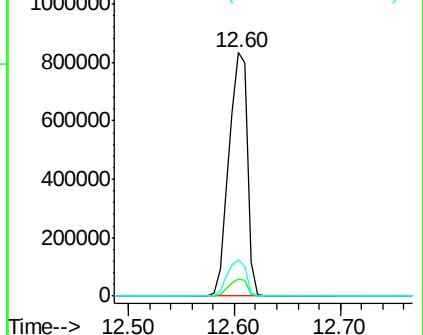
122 14.7 10.3 15.5

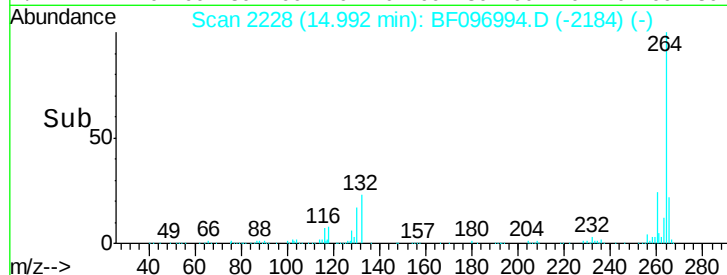
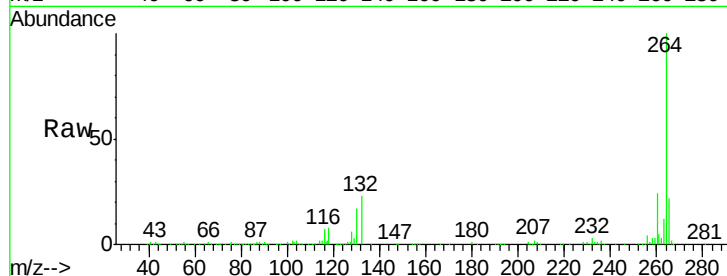
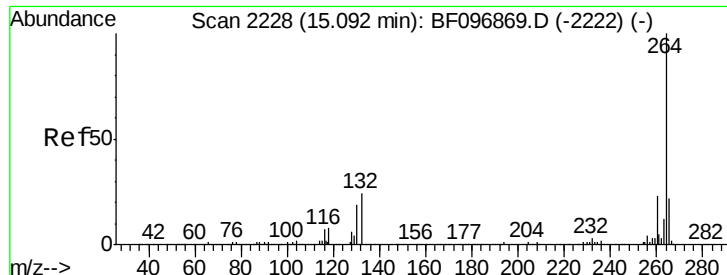


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

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

