

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098053.D
 Acq On : 26 Aug 2017 1:55
 Operator : SJ/JU
 Sample : I4945-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-4-COMP

Quant Time: Aug 26 02:54:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

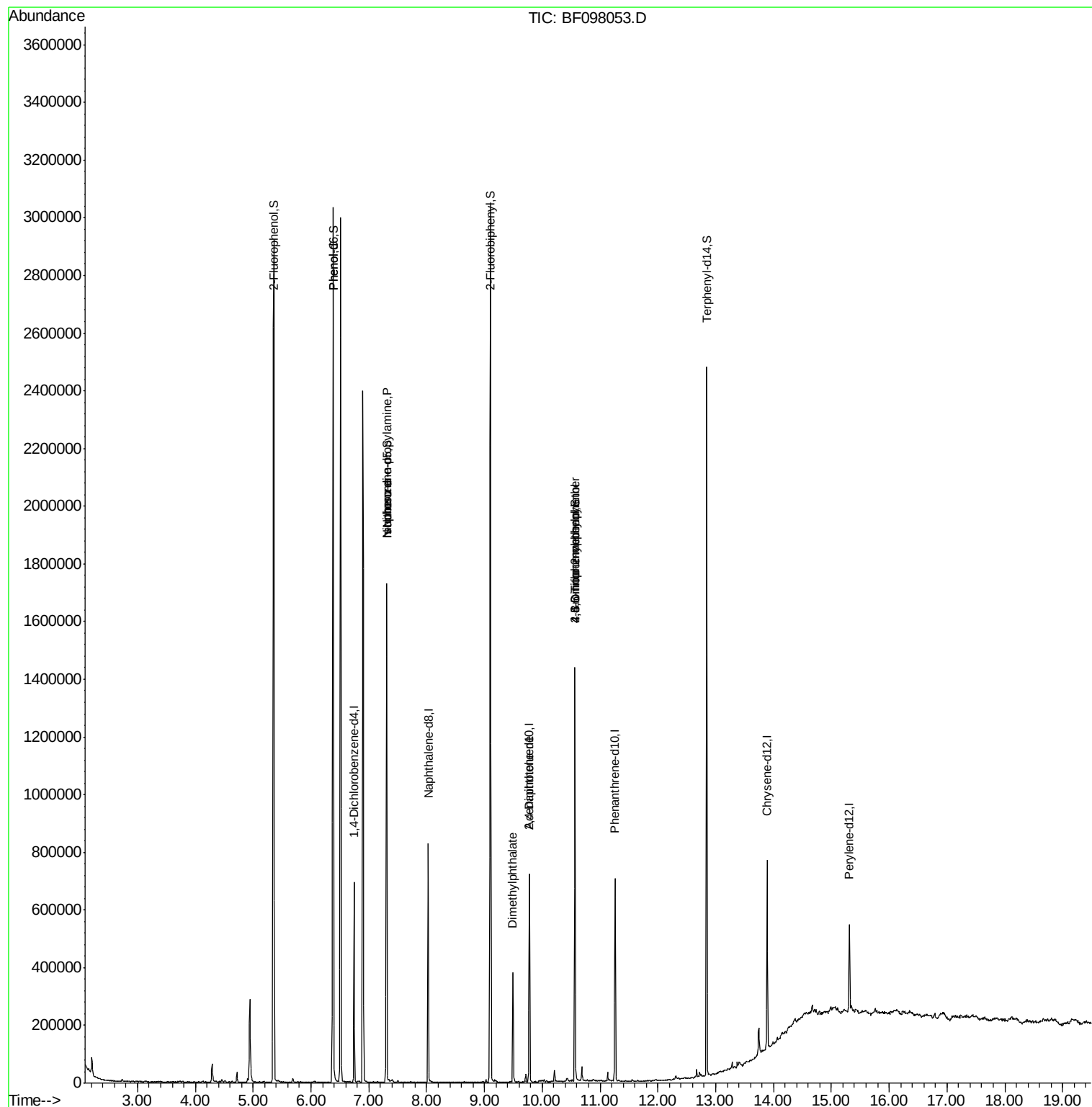
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	99259	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	362292	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	137185	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	250020	20.00	ng	0.00
75) Chrysene-d12	13.89	240	203168	20.00	ng	0.00
86) Perylene-d12	15.32	264	138069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	905210	138.72	ng	0.00
7) Phenol-d6	6.39	99	1209240	136.38	ng	0.00
23) Nitrobenzene-d5	7.31	82	630857	94.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	162748	136.73	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	894646	95.81	ng	0.00
78) Terphenyl-d14	12.85	244	762773	78.29	ng	0.00
Target Compounds						
10) Phenol	6.39	94	39867	3.84	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.31	70	84395	13.90	ng	# 72
25) Isophorone	7.31	82	619326	44.66	ng	# 67
49) Dimethylphthalate	9.50	163	144510	14.41	ng	98
56) 2,4-Dinitrotoluene	9.77	165	17593	7.00	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	307	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	10775	4.15	ng	# 1

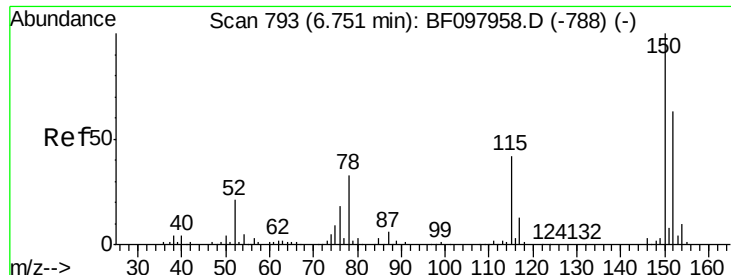
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098053.D
Acq On : 26 Aug 2017 1:55
Operator : SJ/JU
Sample : I4945-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-4-COMP

Quant Time: Aug 26 02:54:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



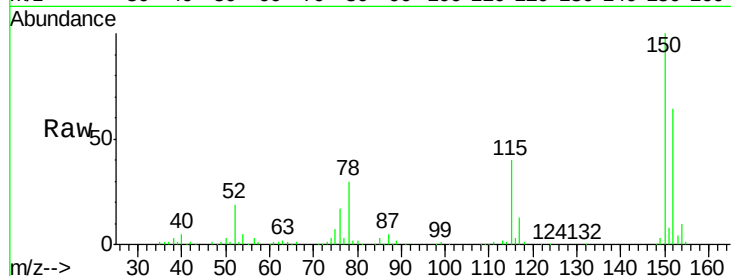


#1

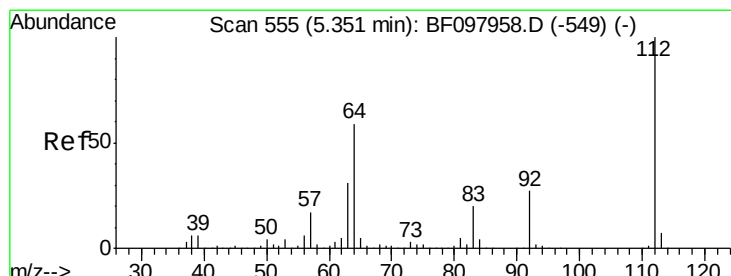
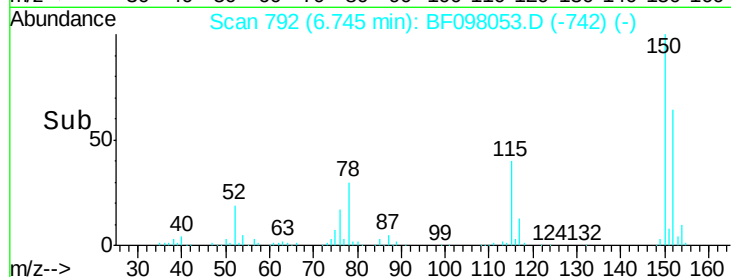
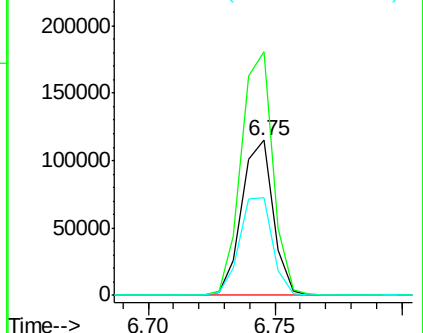
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098053.D
Acq: 26 Aug 2017 1:55

Instrument :
BNA_F
ClientSampleId :
SP-1-4-COMP

Tot Ion:152 Resp: 99259
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 63.3 52.2 78.2



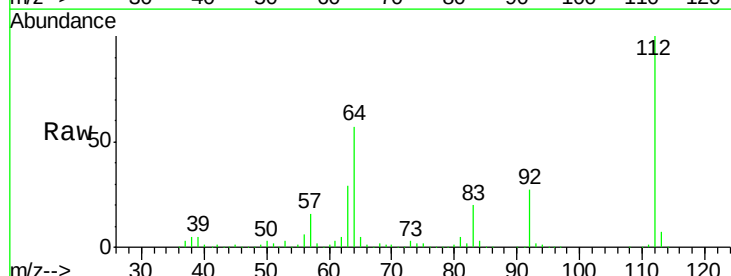
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



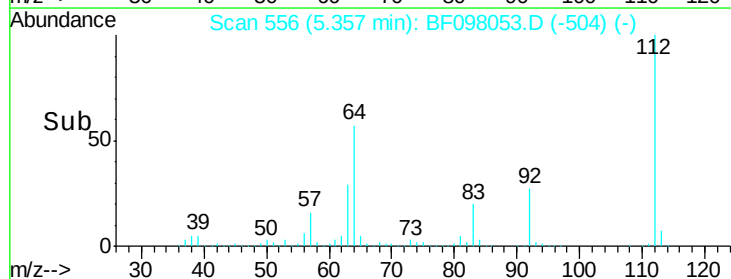
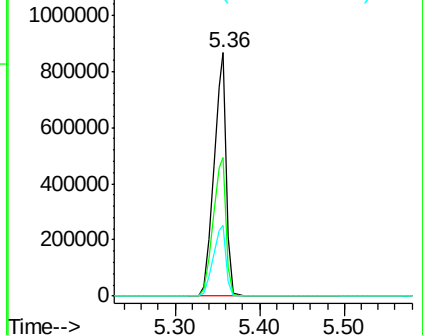
#5

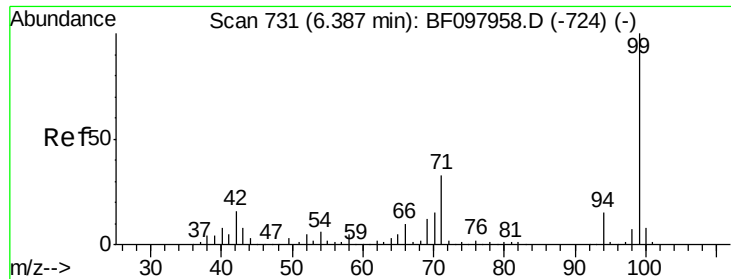
2-Fluorophenol
Concen: 138.72 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098053.D
Acq: 26 Aug 2017 1:55

Tgt Ion:112 Resp: 905210
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 29.3 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: 136.38 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

Instrument :

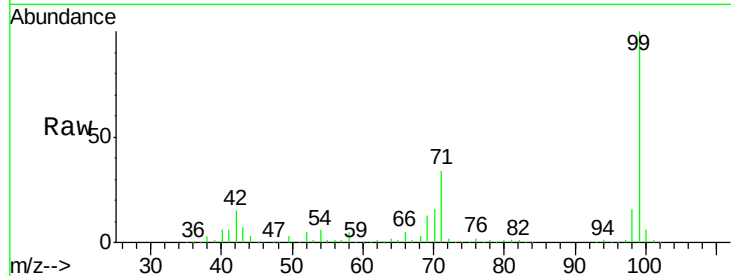
BNA_F

ClientSampleId :

SP-1-4-COMP

Tot Ion: 99 Resp: 1209240

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	33.8	24.5	36.7

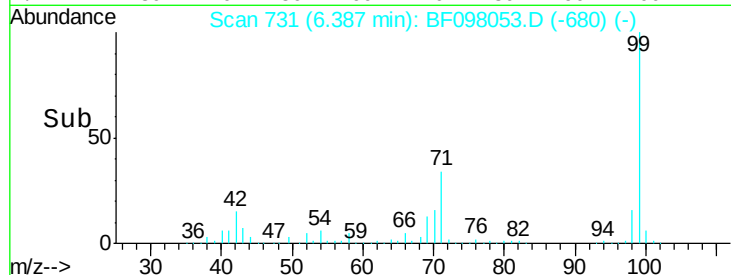


Abundance

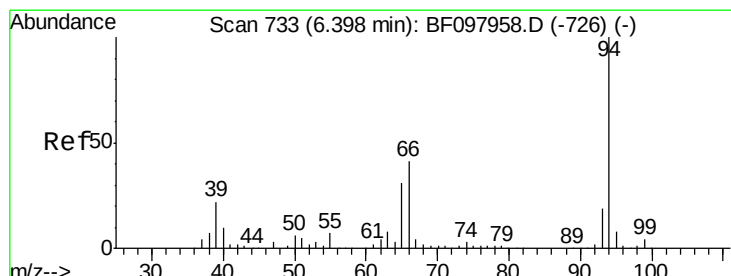
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 3.84 ng

RT: 6.39 min Scan# 732

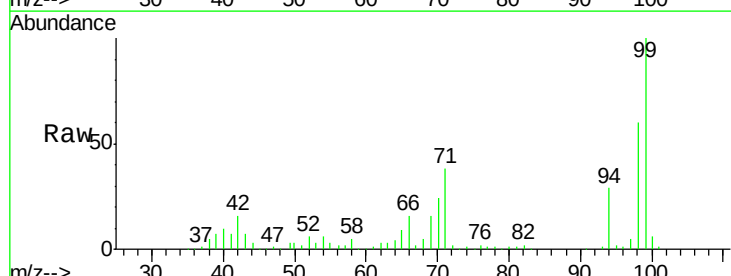
Delta R.T. -0.01 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

Tgt Ion: 94 Resp: 39867

Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.9	49.9
66	55.2	23.1	63.1

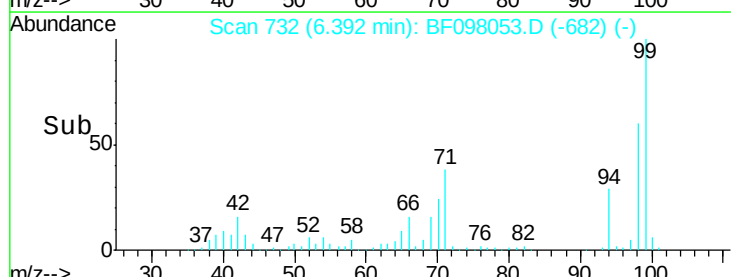


Abundance

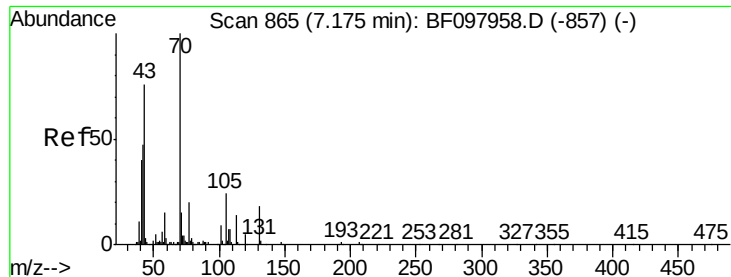
Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



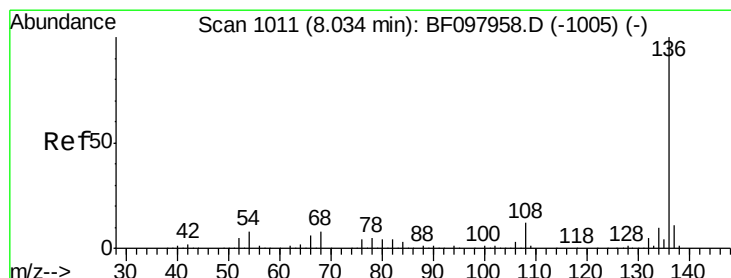
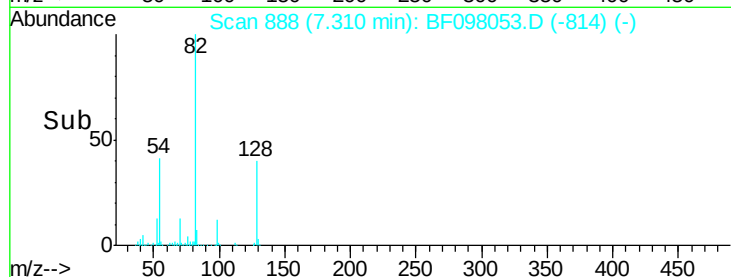
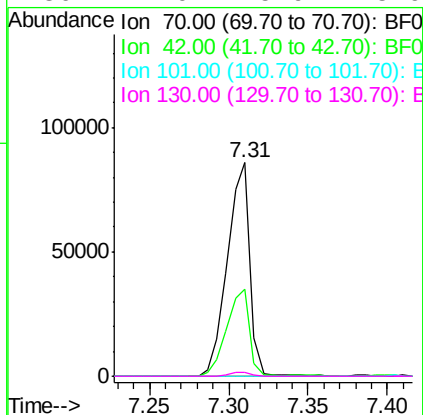
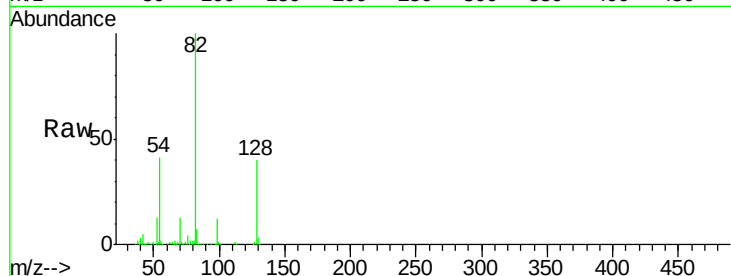
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 13.90 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF098053.D
Acq: 26 Aug 2017 1:55

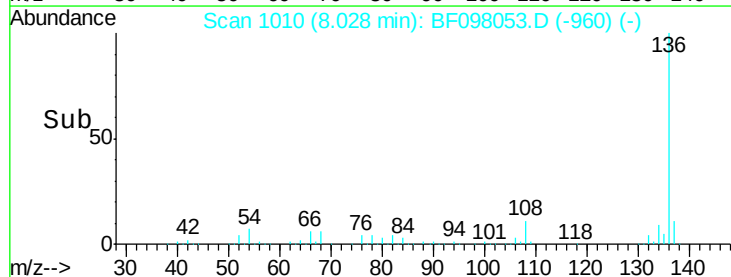
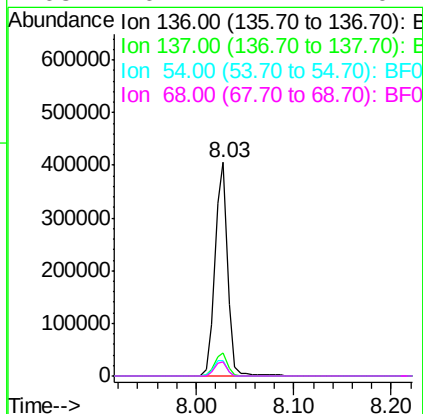
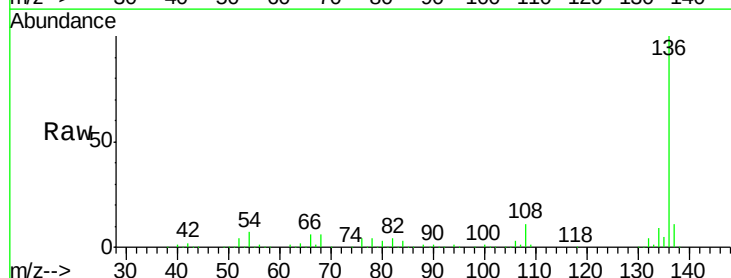
Instrument :
BNA_F
ClientSampleId :
SP-1-4-COMP

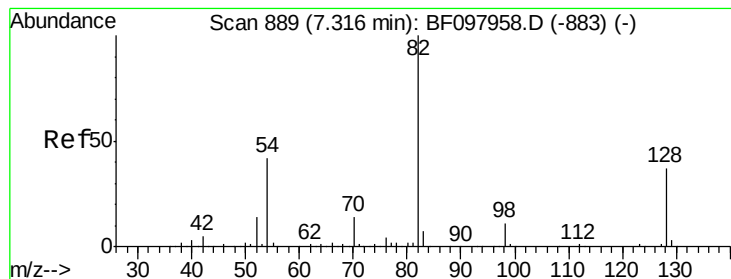
Tot Ion:	70	Resp:	84395
Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098053.D
Acq: 26 Aug 2017 1:55

Tgt Ion:	136	Resp:	362292
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.2	4.9	7.3
68	6.4	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 94.60 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

Instrument :

BNA_F

ClientSampleId :

SP-1-4-COMP

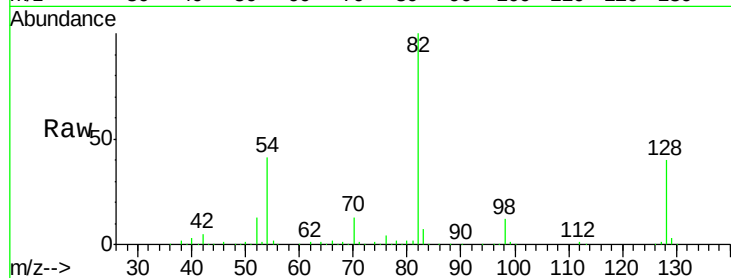
Tot Ion: 82 Resp: 630857

Ion Ratio Lower Upper

82 100

128 39.8 34.0 51.0

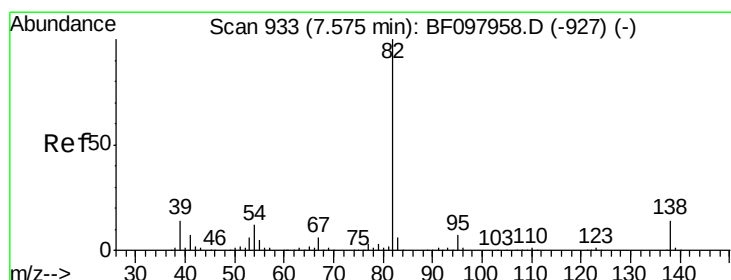
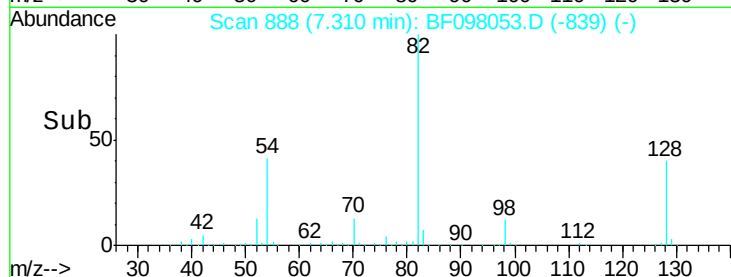
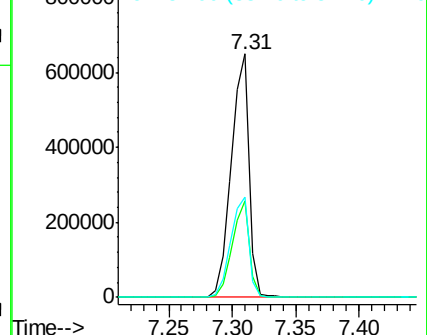
54 41.0 42.2 63.2#



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: 44.66 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

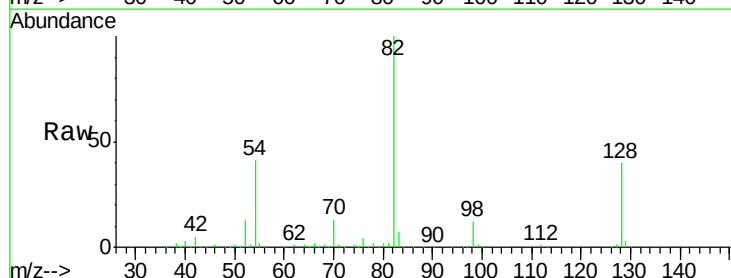
Tgt Ion: 82 Resp: 619326

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

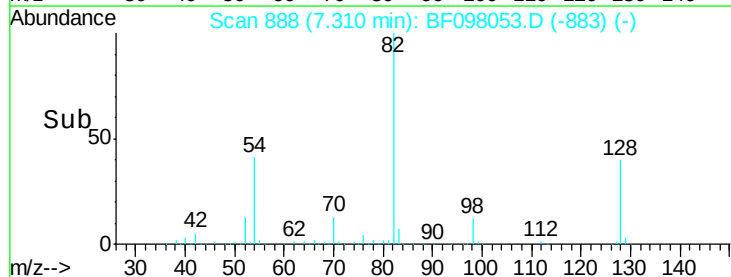
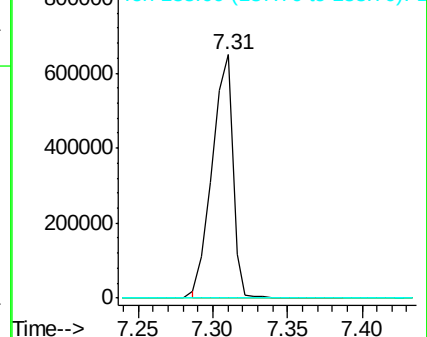
138 0.0 13.1 19.7#

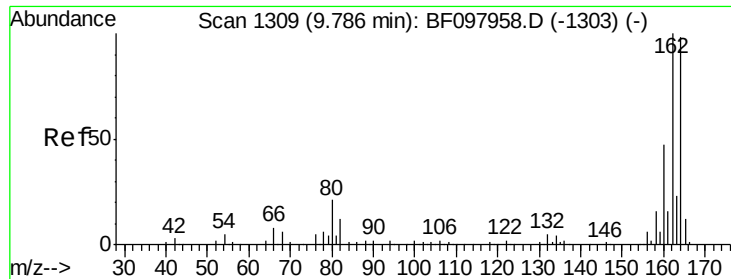


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

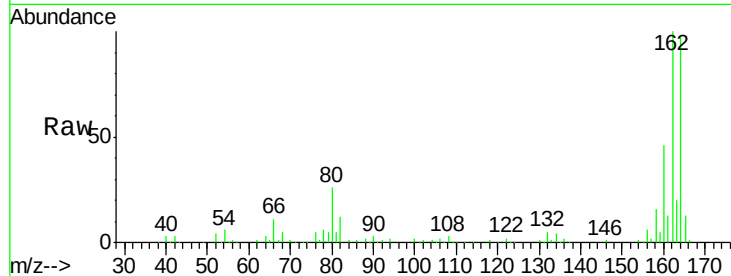




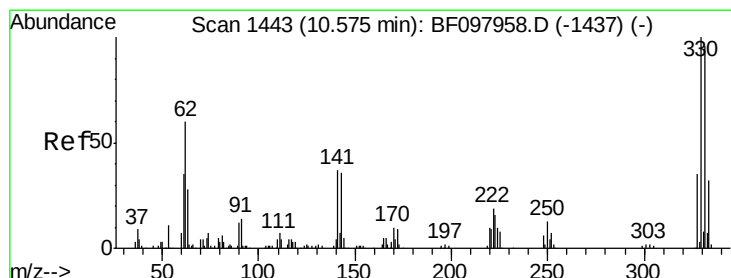
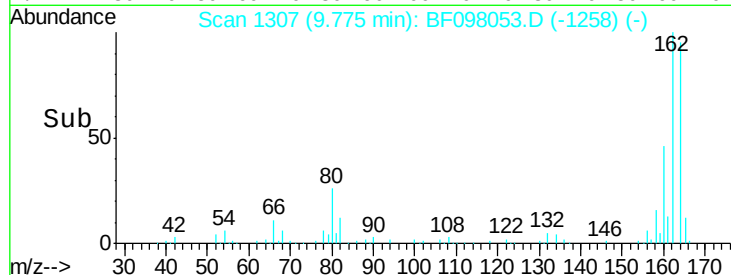
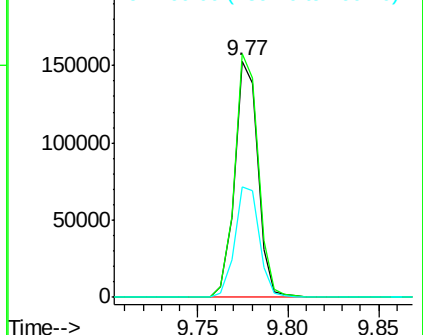
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098053.D
 Acq: 26 Aug 2017 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-4-COMP

Tot Ion:164 Resp: 137185
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 47.1 36.2 54.2

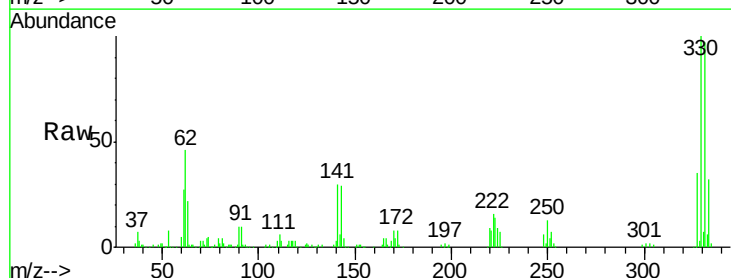


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

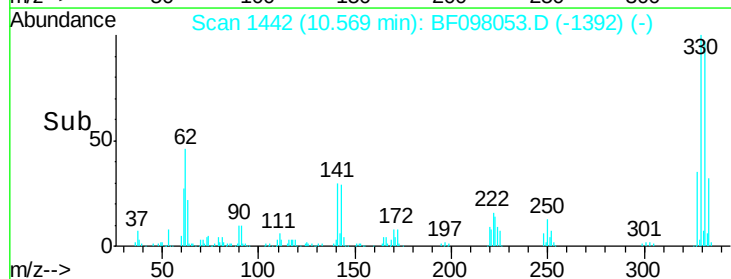
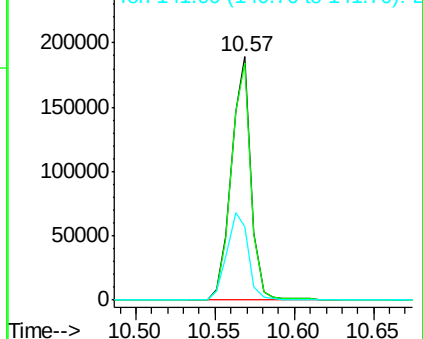


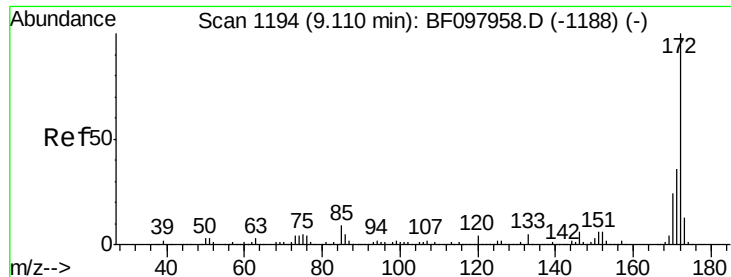
#41
 2,4,6-Tribromophenol
 Concen: 136.73 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098053.D
 Acq: 26 Aug 2017 1:55

Tgt Ion:330 Resp: 162748
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 39.7 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

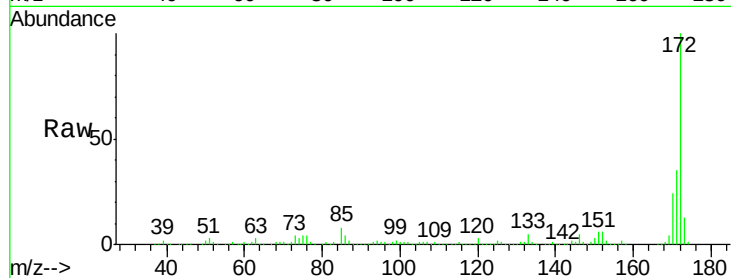




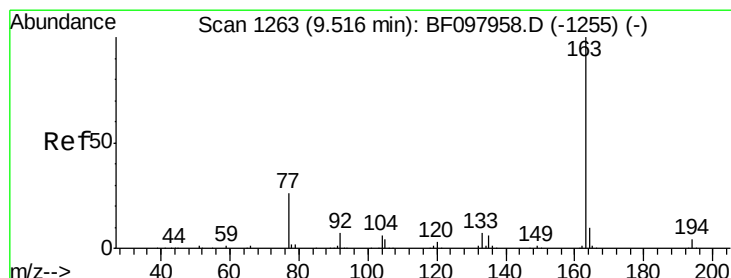
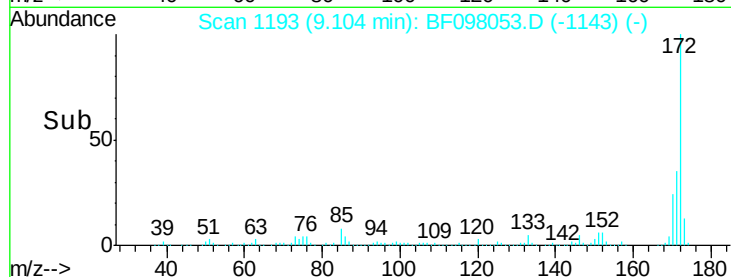
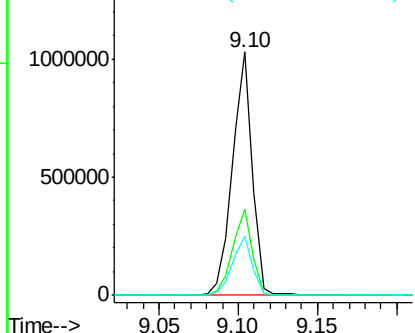
#44
2-Fluorobiphenyl
Concen: 95.81 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF098053.D
Acq: 26 Aug 2017 1:55

Instrument :
BNA_F
ClientSampleId :
SP-1-4-COMP

Tot Ion:172 Resp: 894646
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.3 19.8 29.8

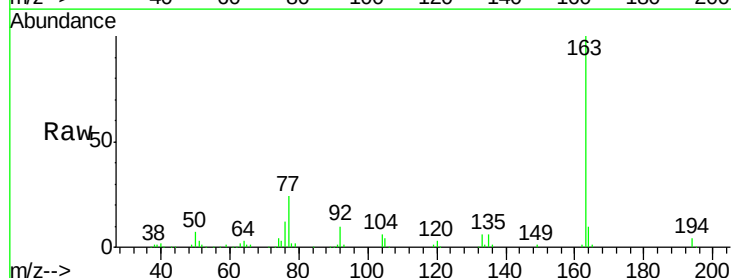


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

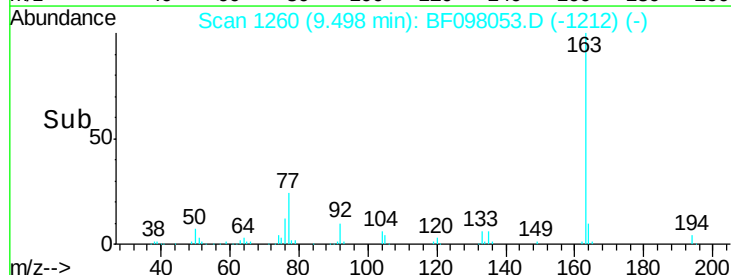
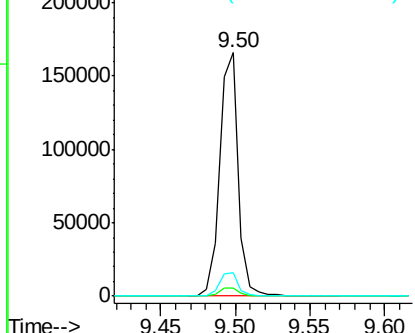


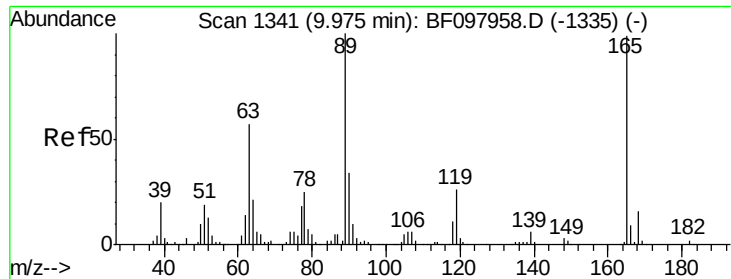
#49
Dimethylphthalate
Concen: 14.41 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF098053.D
Acq: 26 Aug 2017 1:55

Tgt Ion:163 Resp: 144510
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 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

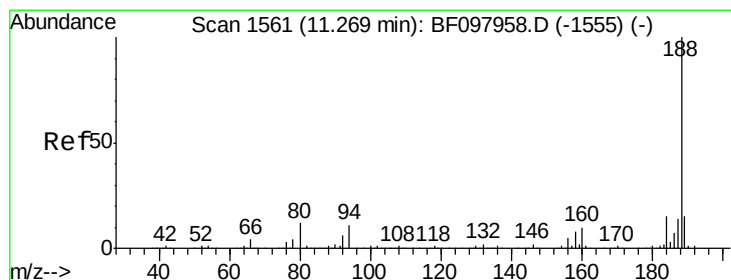
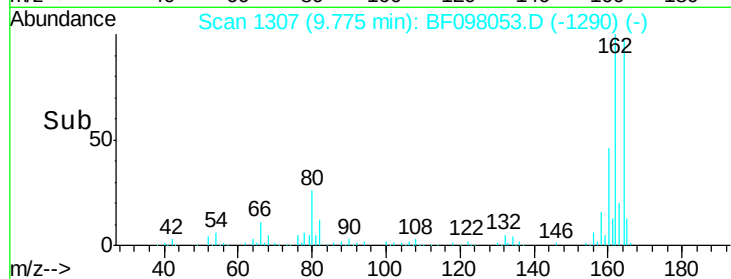
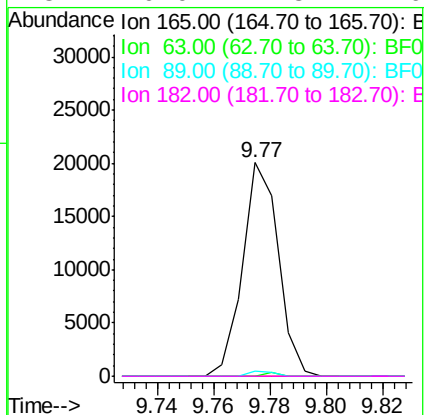
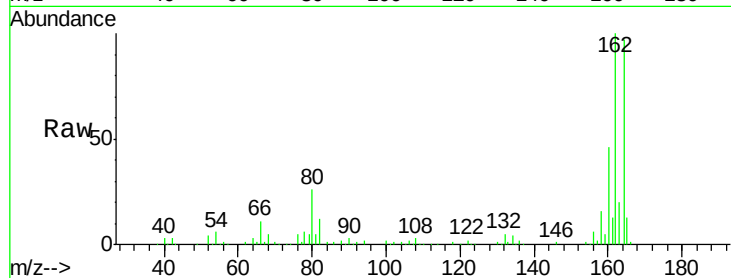




#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098053.D
 Acq: 26 Aug 2017 1:55

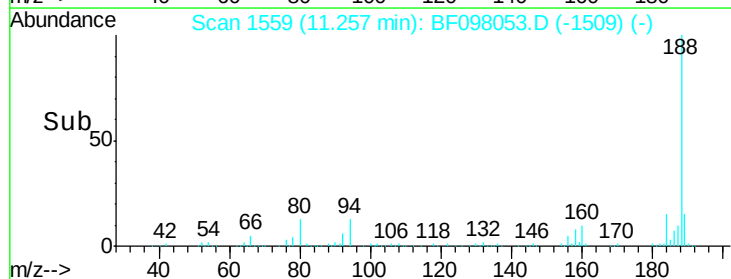
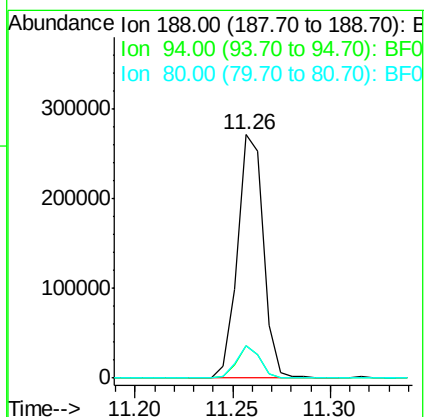
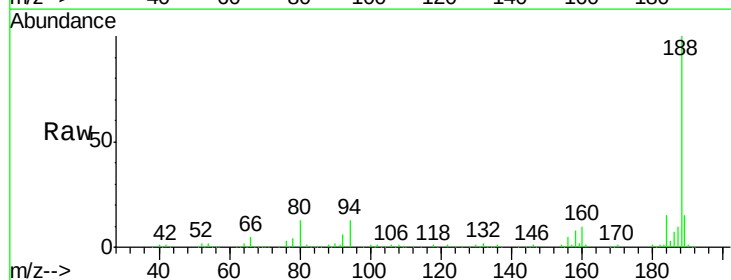
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-4-COMP

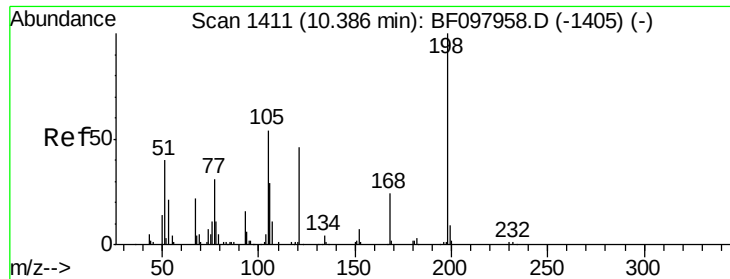
Tot Ion:	165	Resp:	17593
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098053.D
 Acq: 26 Aug 2017 1:55

Tgt Ion:	188	Resp:	250020
Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.4	14.2
80	13.5	10.2	15.2

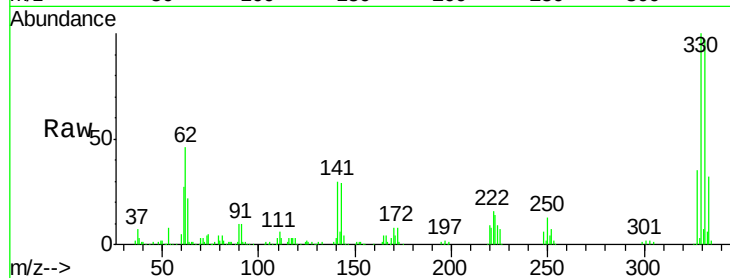




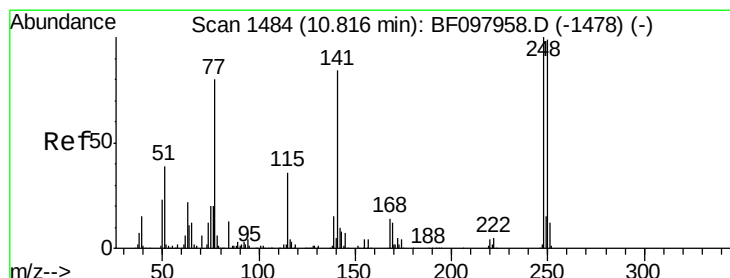
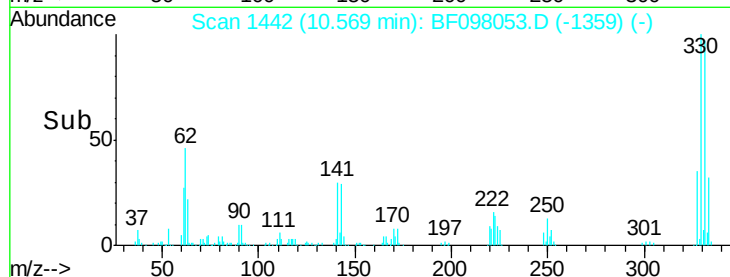
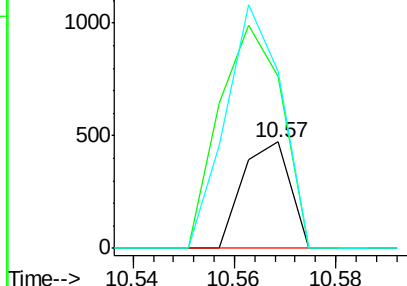
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.54 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF098053.D
 Acq: 26 Aug 2017 1:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-4-COMP

Tot Ion	Ratio	Lower	Upper
198	100		
51	161.3	53.2	93.2#
105	166.0	45.8	85.8#

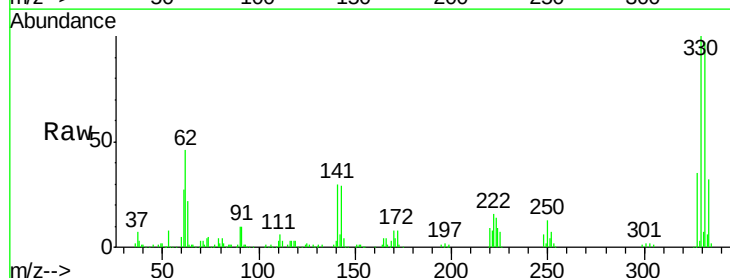


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

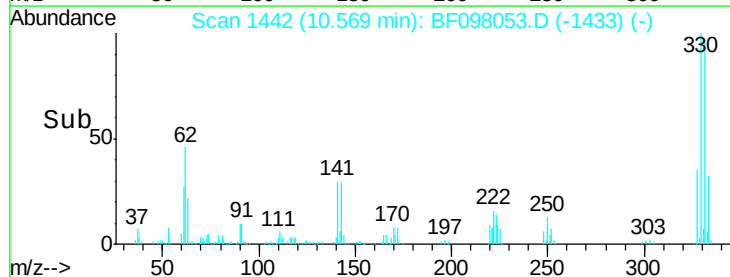
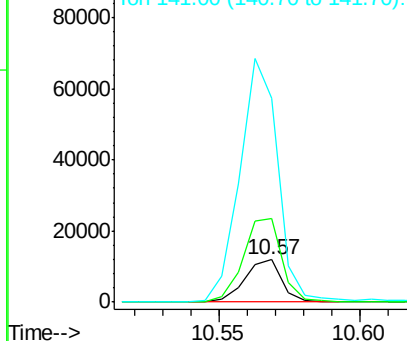


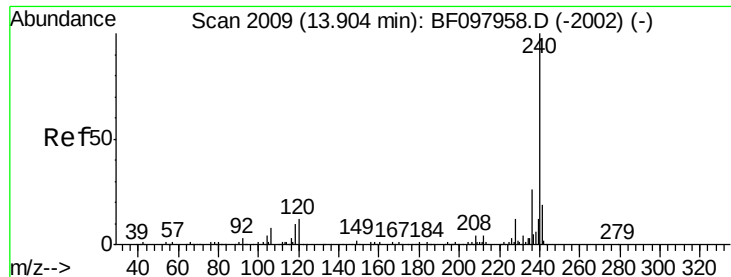
#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF098053.D
 Acq: 26 Aug 2017 1:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.8	115.2#
141	479.2	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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

Instrument :

BNA_F

ClientSampleId :

SP-1-4-COMP

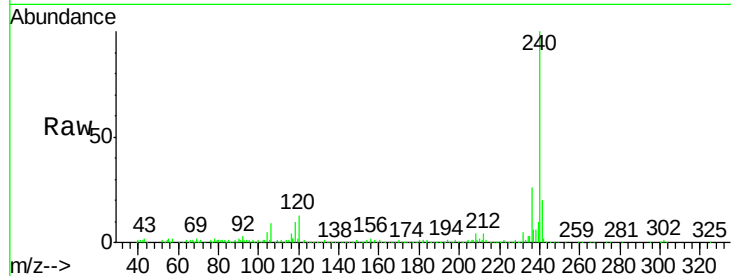
Tot Ion:240 Resp: 203168

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

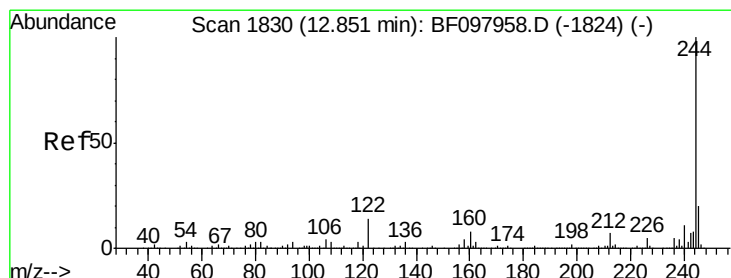
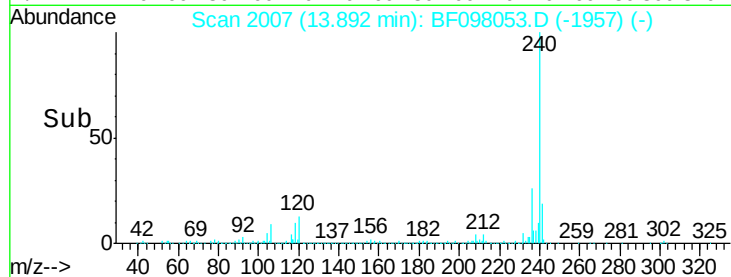
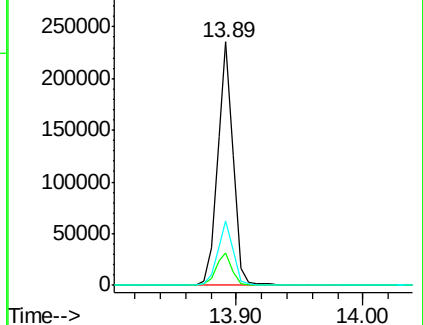
236 26.4 20.5 30.7



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: 78.29 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

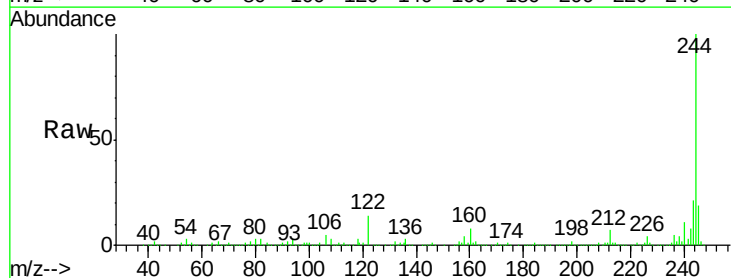
Tgt Ion:244 Resp: 762773

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

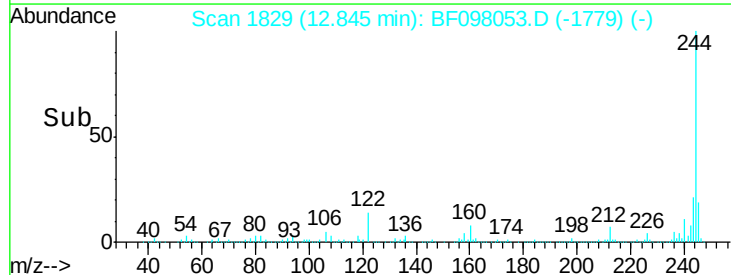
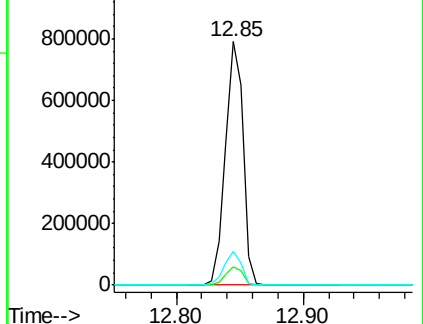
122 13.9 10.3 15.5

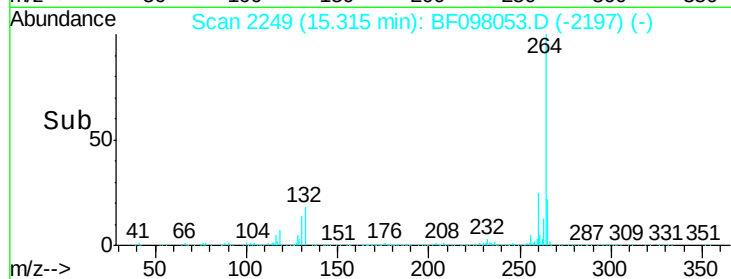
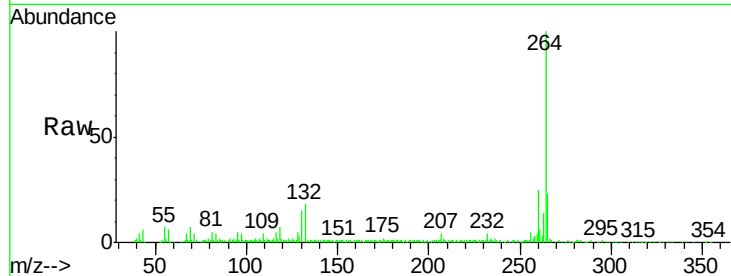
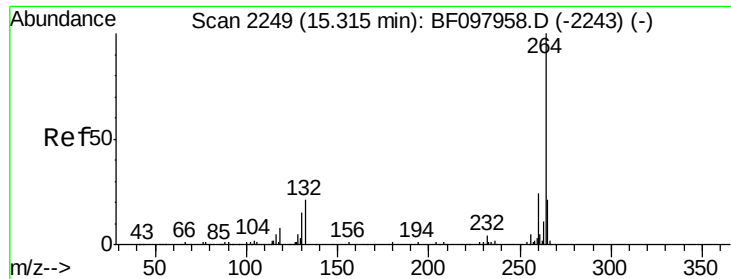


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098053.D

Acq: 26 Aug 2017 1:55

Instrument :

BNA_F

ClientSampleId :

SP-1-4-COMP

Tot Ion: 264 Resp: 138069

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.6 17.2 25.8

