

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097075.D
 Acq On : 26 Jul 2017 15:07
 Operator : SJ/JU
 Sample : I4443-06 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 15:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

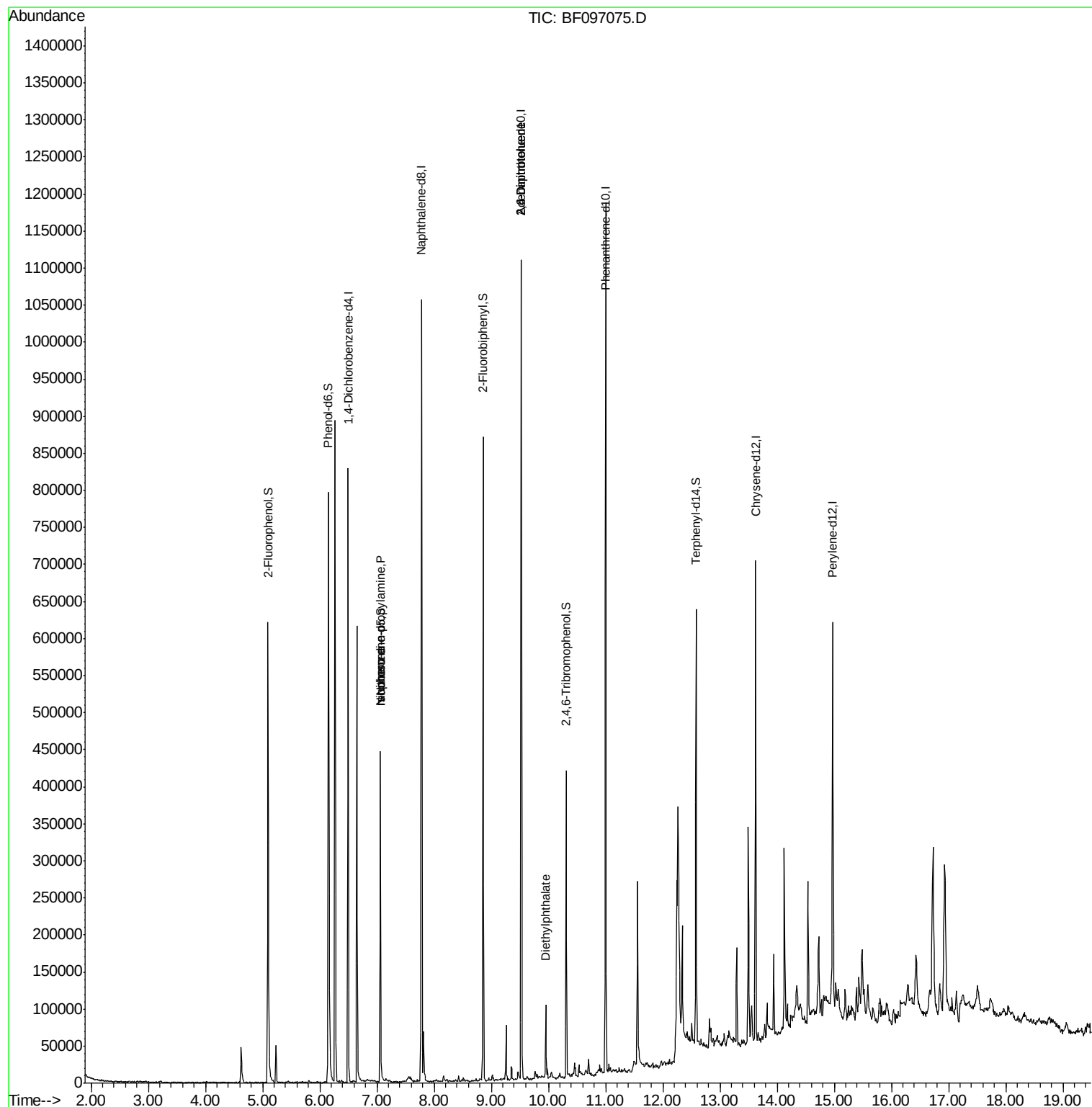
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	113825	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	493053	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	221847	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	390385	20.00	ng	0.00
75) Chrysene-d12	13.62	240	209216	20.00	ng	0.00
86) Perylene-d12	14.97	264	194529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	209110	27.69	ng	0.00
7) Phenol-d6	6.15	99	262217	30.42	ng	-0.02
23) Nitrobenzene-d5	7.06	82	120966	14.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	41475	23.66	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	255000	19.51	ng	-0.01
78) Terphenyl-d14	12.58	244	156066	15.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	15650	2.758	ng	# 83
25) Isophorone	7.06	82	118929	7.226	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	28792	8.058	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	28792	7.010	ng	# 33
59) Diethylphthalate	9.96	149	37001	2.394	ng	99

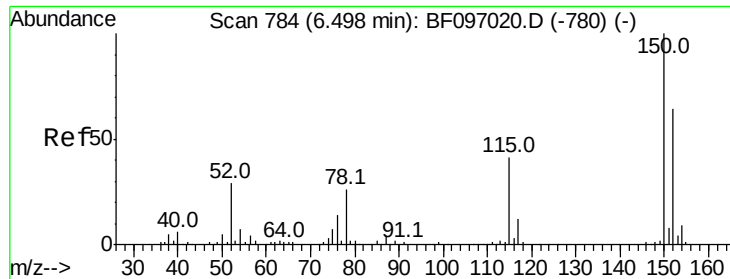
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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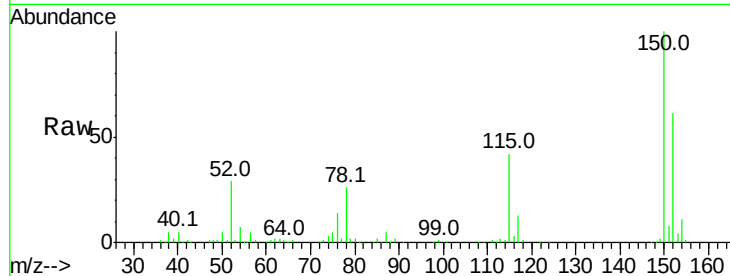


#1

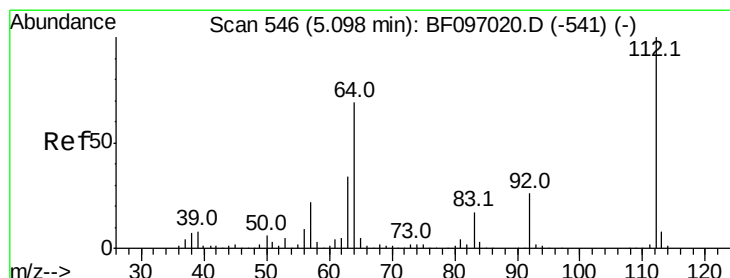
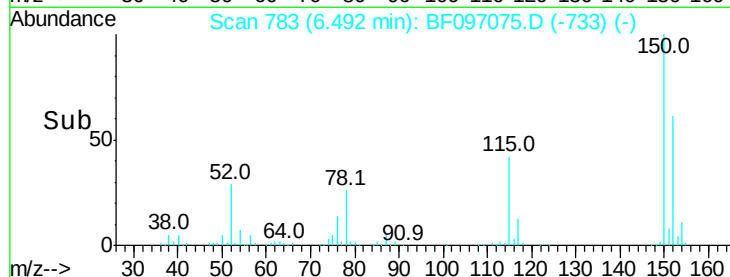
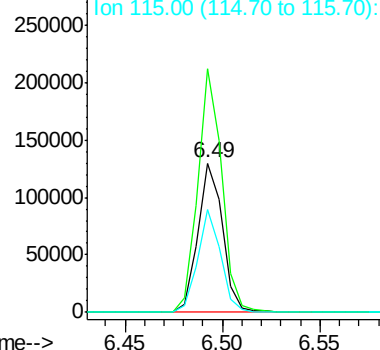
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113825
Ion Ratio Lower Upper
152 100
150 162.8 126.2 189.2
115 68.8 52.2 78.2



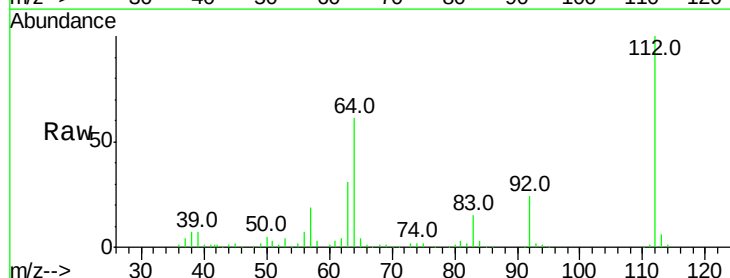
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



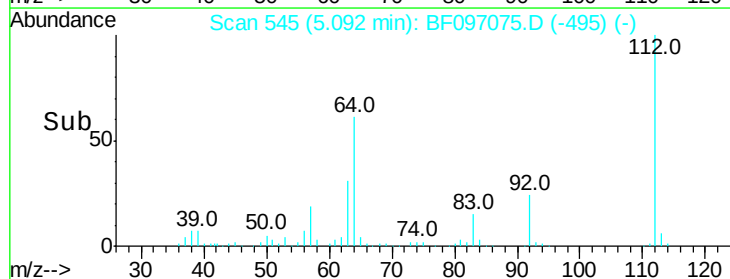
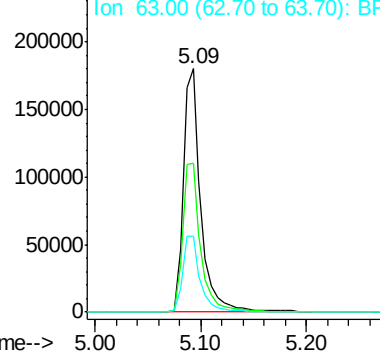
#5

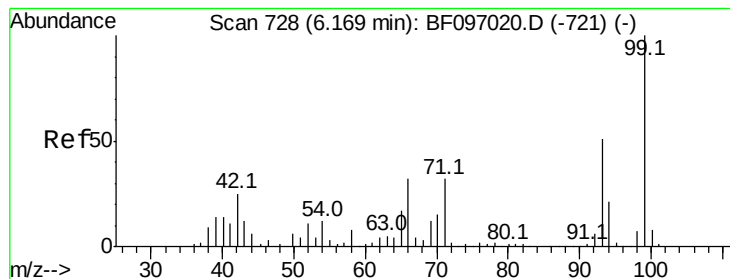
2-Fluorophenol
Concen: 27.694 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

Tgt Ion:112 Resp: 209110
Ion Ratio Lower Upper
112 100
64 61.3 46.0 69.0
63 31.3 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: 30.420 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097075.D

Acq: 26 Jul 2017 15:07

Instrument :

BNA_F

ClientSampleId :

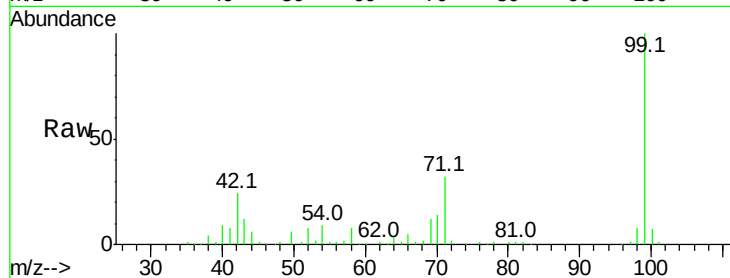
Tot Ion: 99 Resp: 262217

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

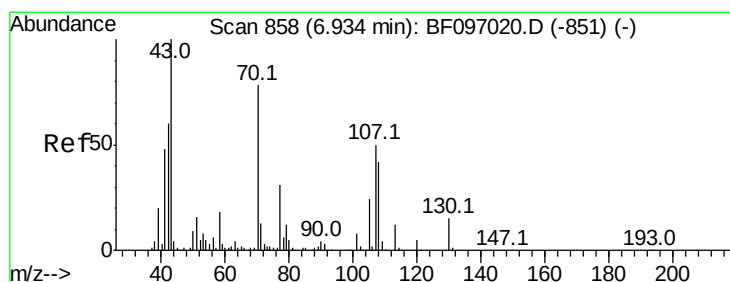
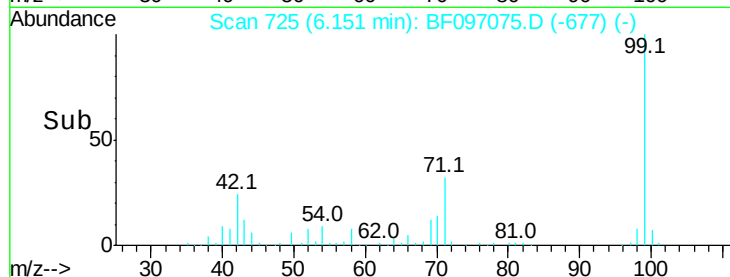
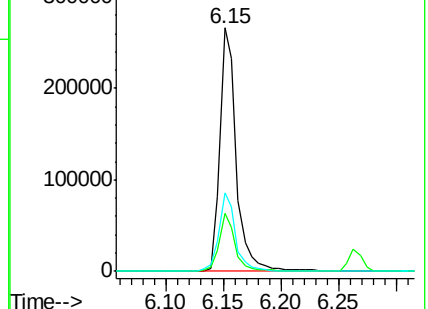
71 32.4 24.5 36.7



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: 2.758 ng

RT: 7.06 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF097075.D

Acq: 26 Jul 2017 15:07

Tgt Ion: 70 Resp: 15650

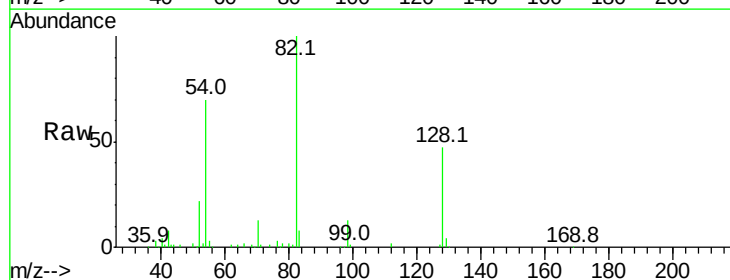
Ion Ratio Lower Upper

70 100

42 65.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

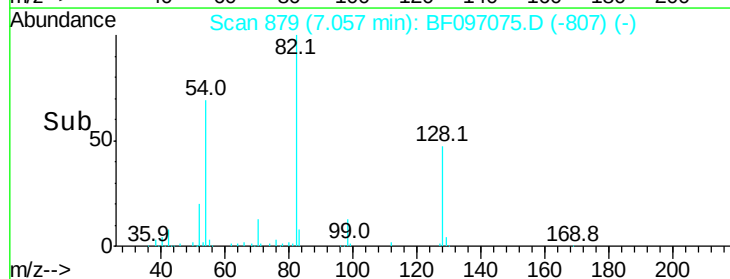
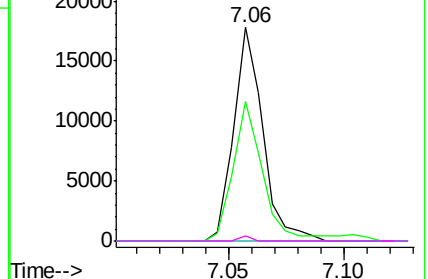


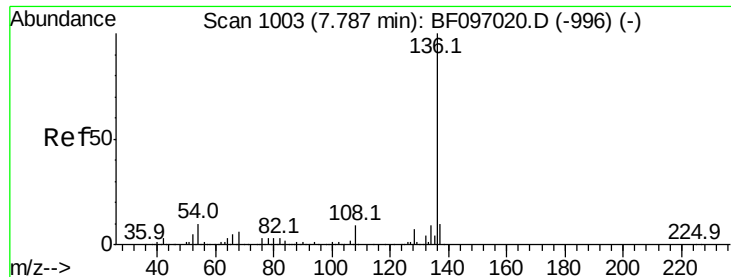
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

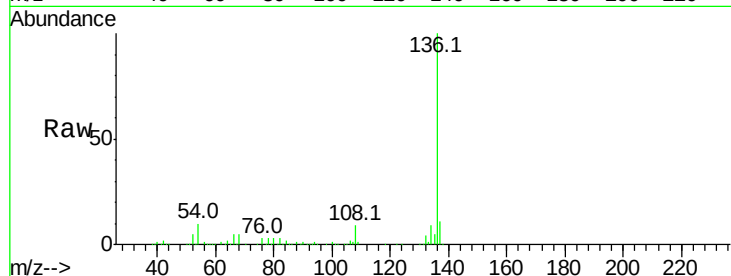




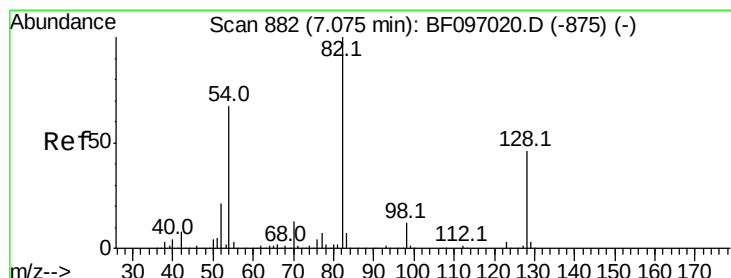
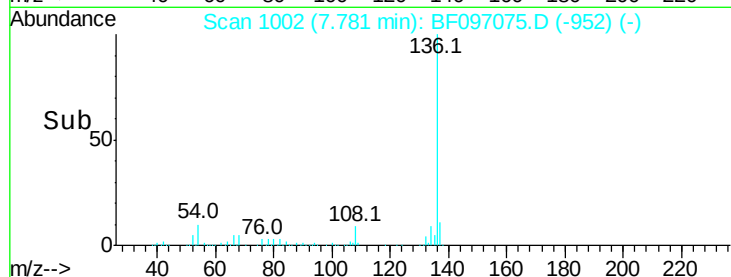
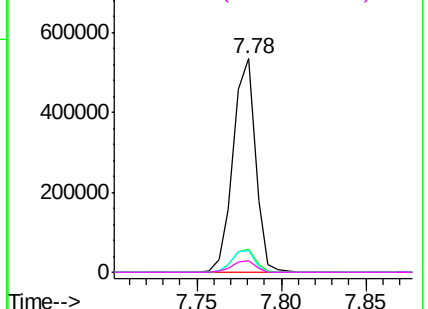
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	493053
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.0	4.9	7.3#
68	5.4	4.1	6.1

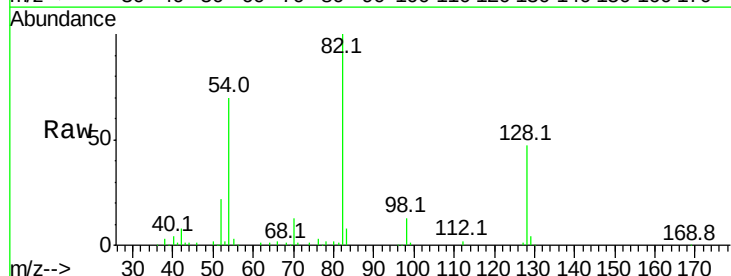


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

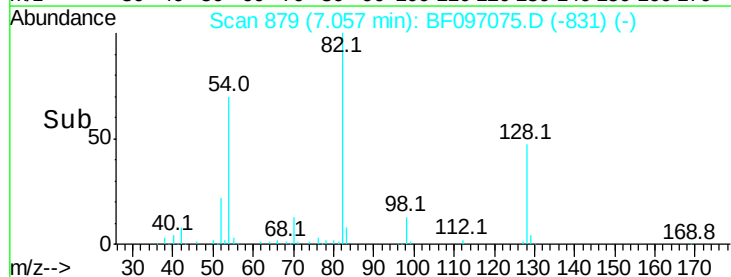
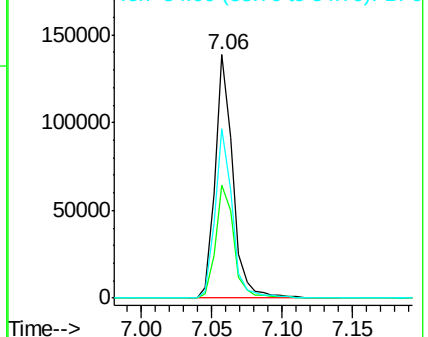


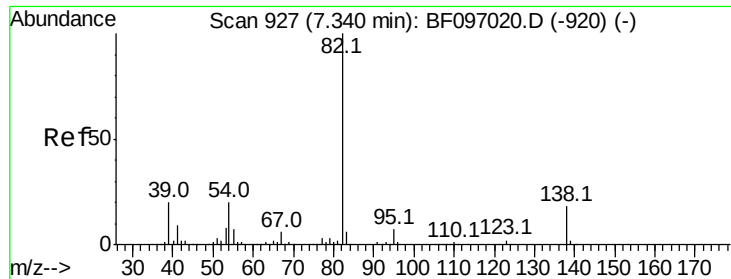
#23
Nitrobenzene-d5
Concen: 14.393 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

Tgt Ion:	82	Resp:	120966
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	69.7	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: 7.226 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097075.D

Acq: 26 Jul 2017 15:07

Instrument :

BNA_F

ClientSampleId :

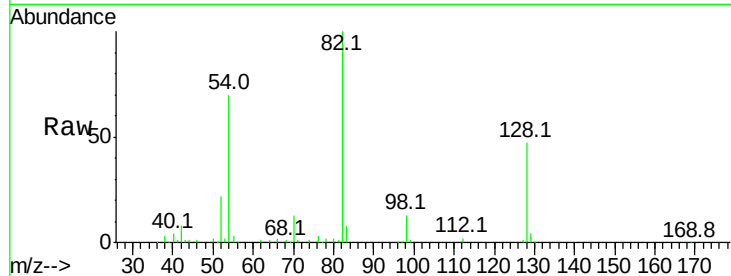
Tot Ion: 82 Resp: 118929

Ion Ratio Lower Upper

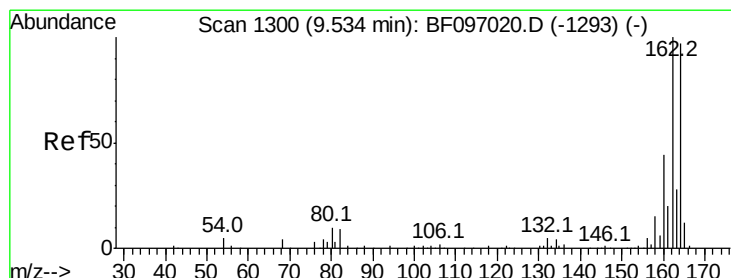
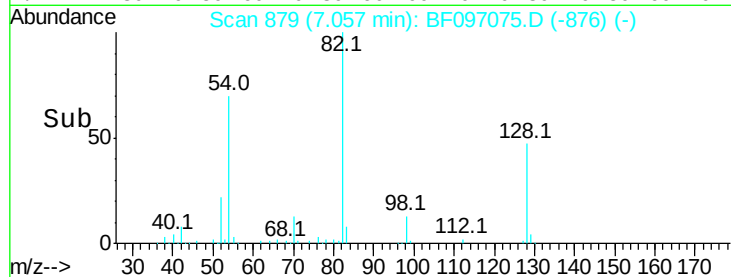
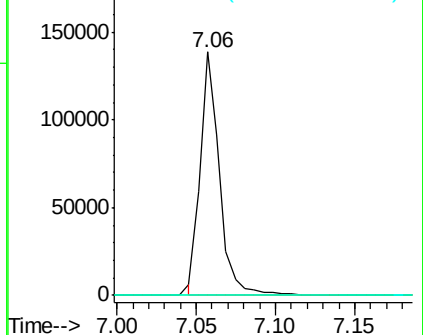
82 100

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: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097075.D

Acq: 26 Jul 2017 15:07

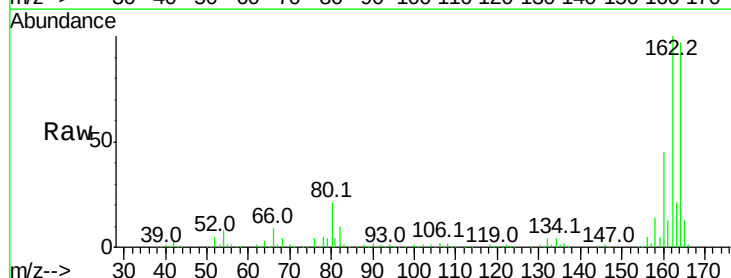
Tgt Ion:164 Resp: 221847

Ion Ratio Lower Upper

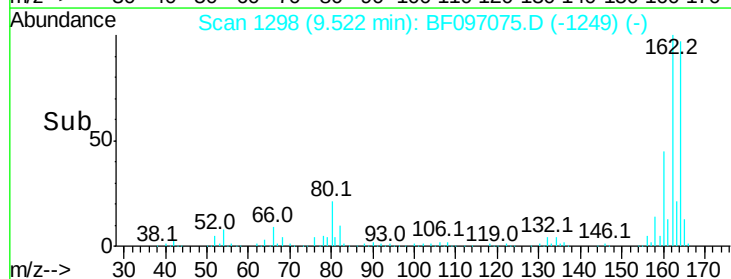
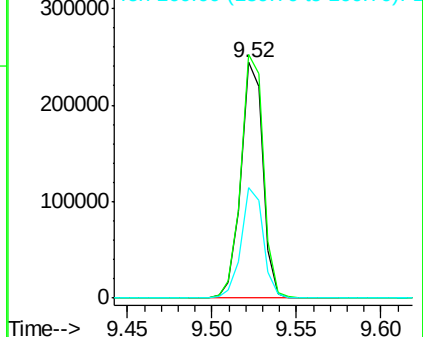
164 100

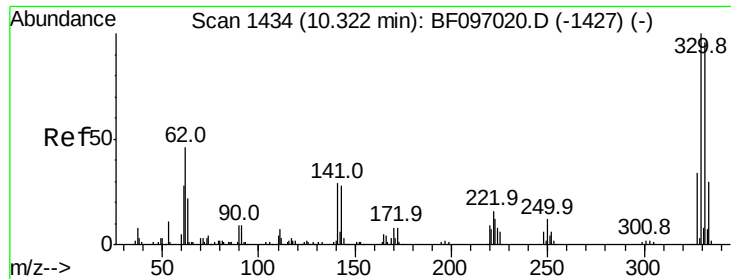
162 103.2 82.6 123.8

160 46.6 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

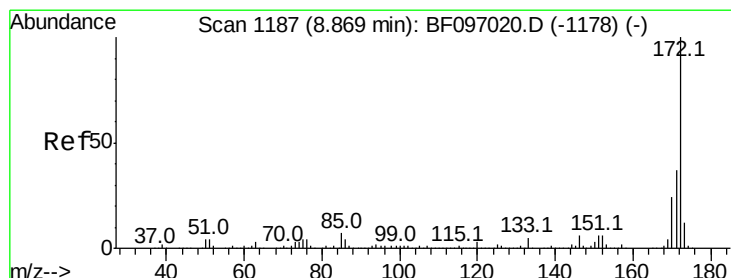
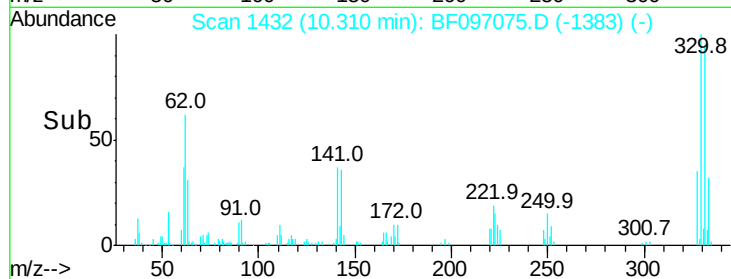
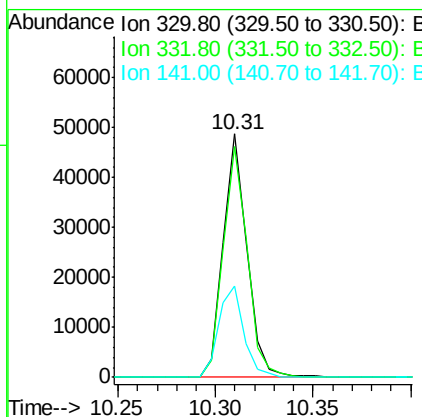
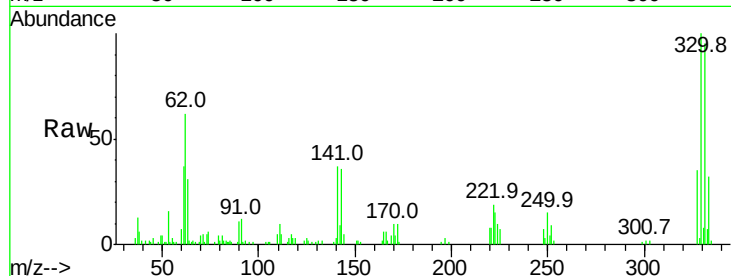




#41
 2,4,6-Tribromophenol
 Concen: 23.662 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097075.D
 Acq: 26 Jul 2017 15:07

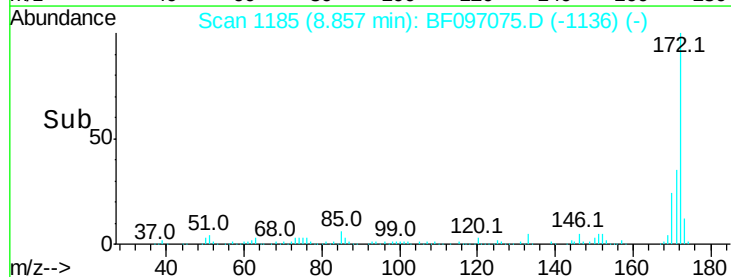
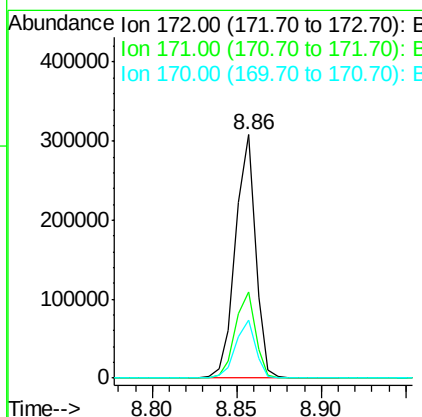
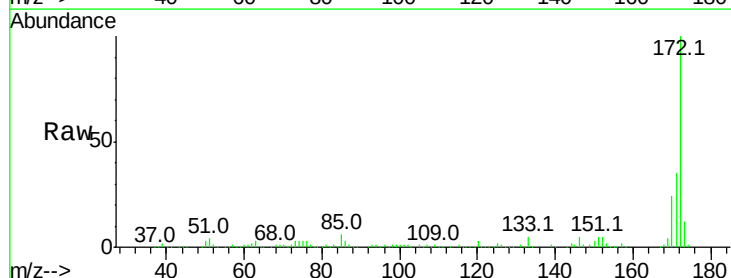
Instrument :
 BNA_F
 ClientSampleId :

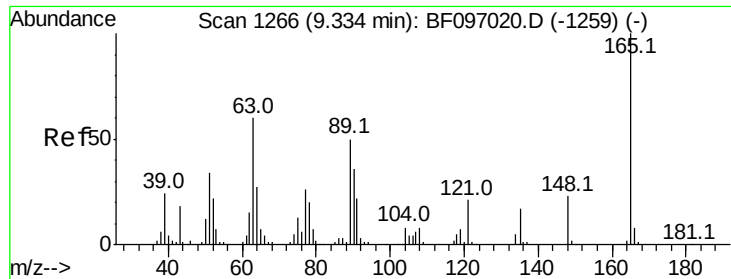
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 19.507 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097075.D
 Acq: 26 Jul 2017 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.0	19.8	29.8

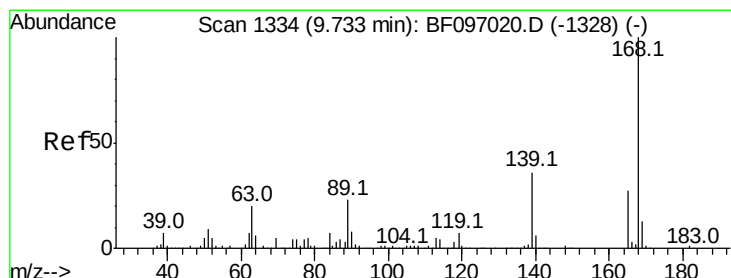
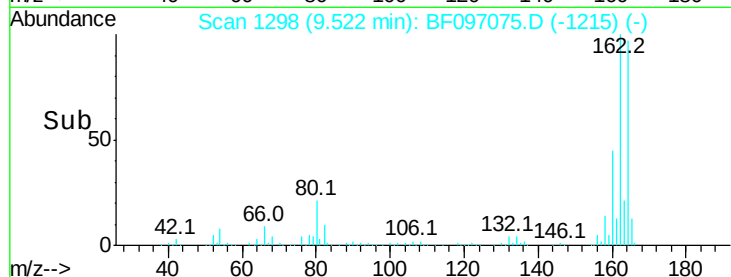
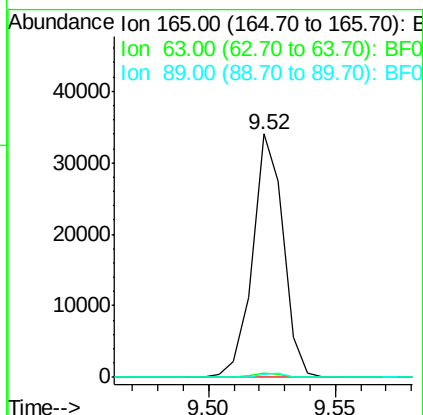
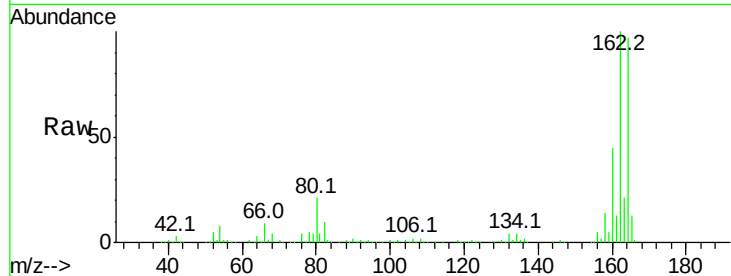




#50
2,6-Dinitrotoluene
Concen: 8.058 ng
RT: 9.52 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

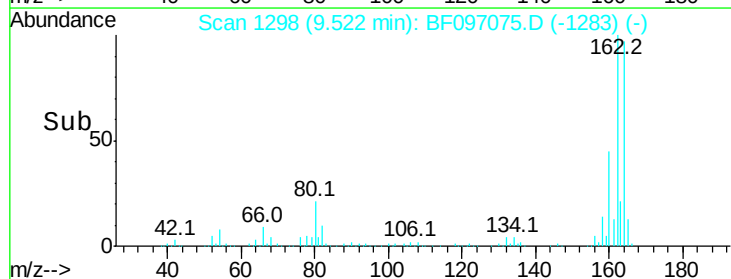
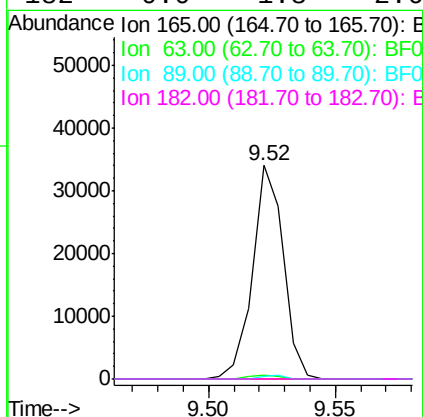
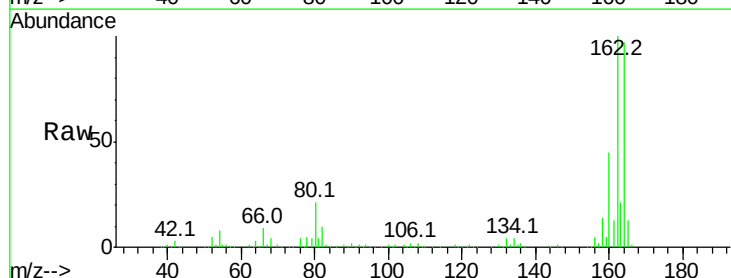
Instrument :
BNA_F
ClientSampleId :

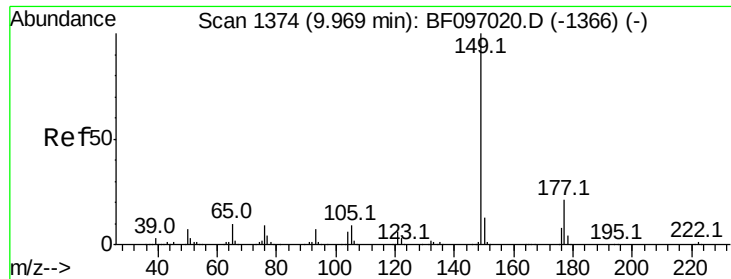
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.2	37.1	55.7#



#56
2,4-Dinitrotoluene
Concen: 7.010 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

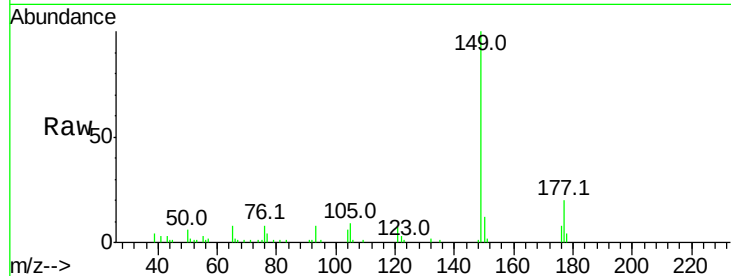




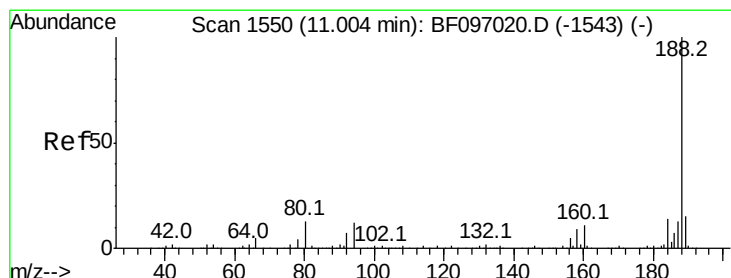
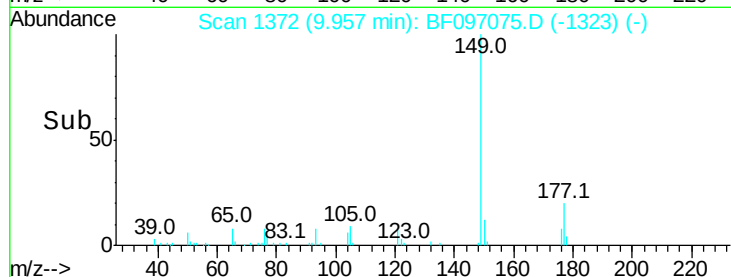
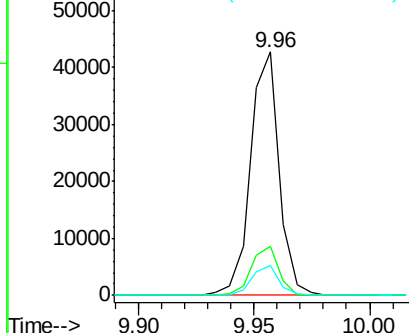
#59
 Diethylphthalate
 Concen: 2.394 ng
 RT: 9.96 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF097075.D
 Acq: 26 Jul 2017 15:07

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:149 Resp: 37001
 Ion Ratio Lower Upper
 149 100
 177 20.3 16.7 25.1
 150 12.2 10.2 15.2

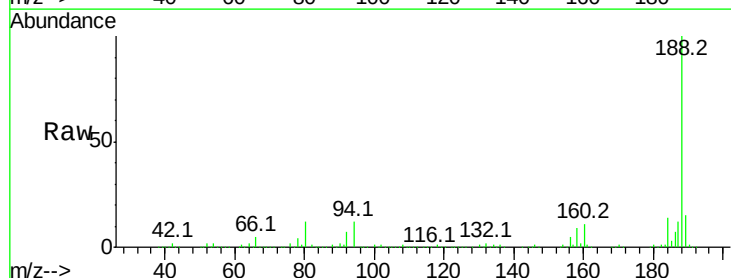


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

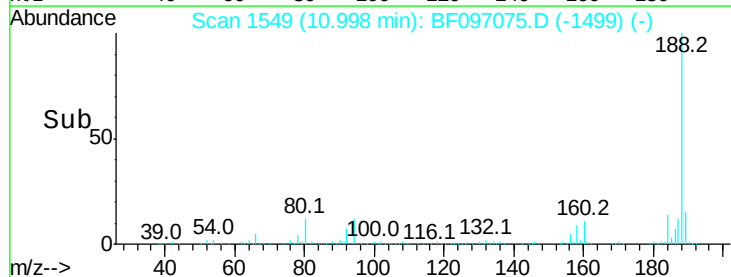
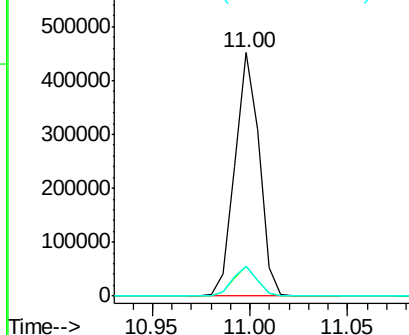


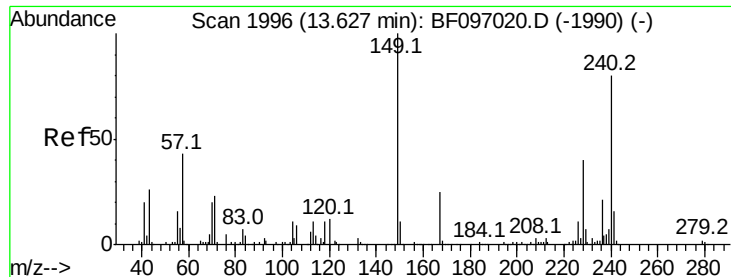
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097075.D
 Acq: 26 Jul 2017 15:07

Tgt Ion:188 Resp: 390385
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097075.D

Acq: 26 Jul 2017 15:07

Instrument :

BNA_F

ClientSampleId :

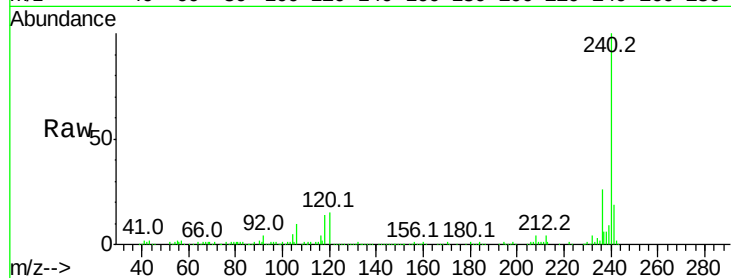
Tot Ion:240 Resp: 209216

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

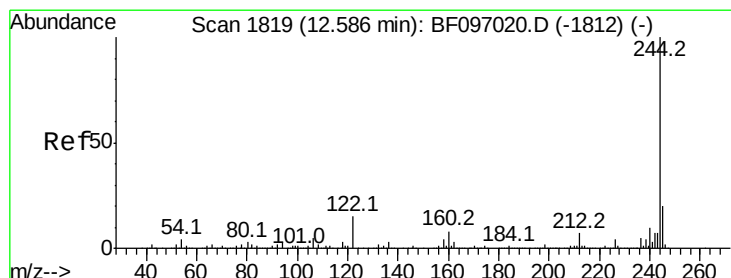
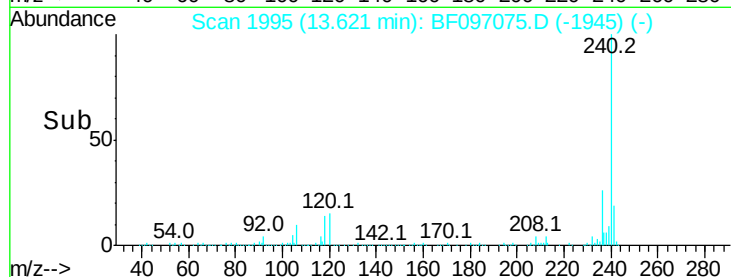
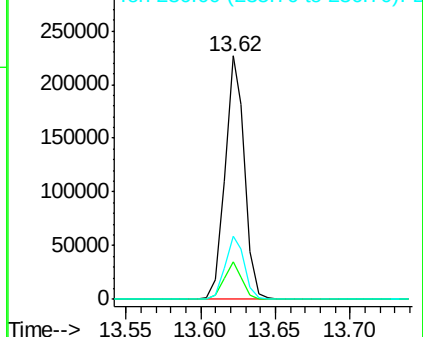
236 26.0 20.5 30.7



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: 15.209 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097075.D

Acq: 26 Jul 2017 15:07

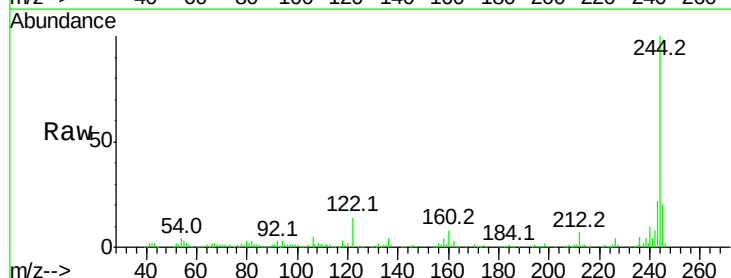
Tgt Ion:244 Resp: 156066

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

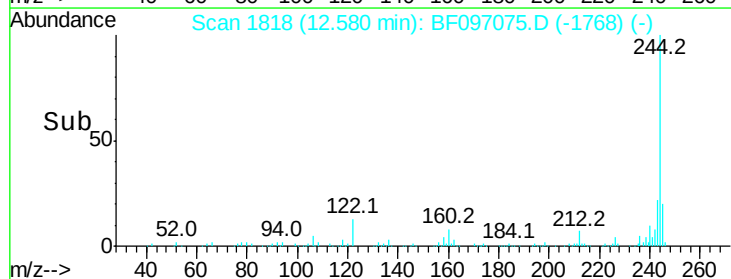
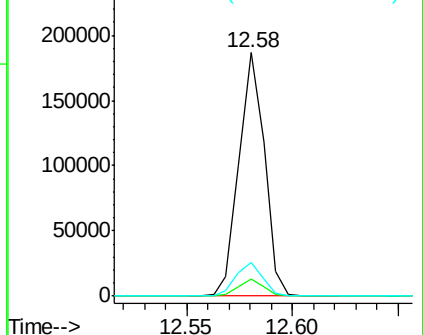
122 13.9 10.3 15.5

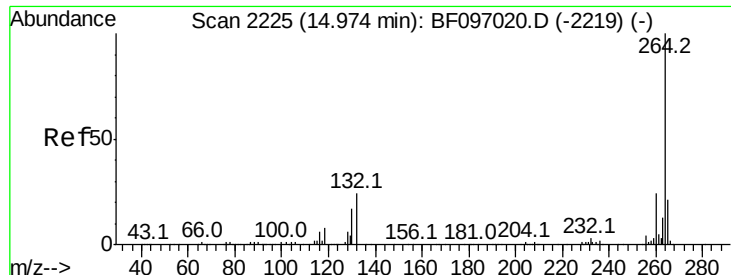


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097075.D
Acq: 26 Jul 2017 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	17.2	25.8

