

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097393.D
 Acq On : 5 Aug 2017 13:21
 Operator : SJ/JU
 Sample : PB101266BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:05:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

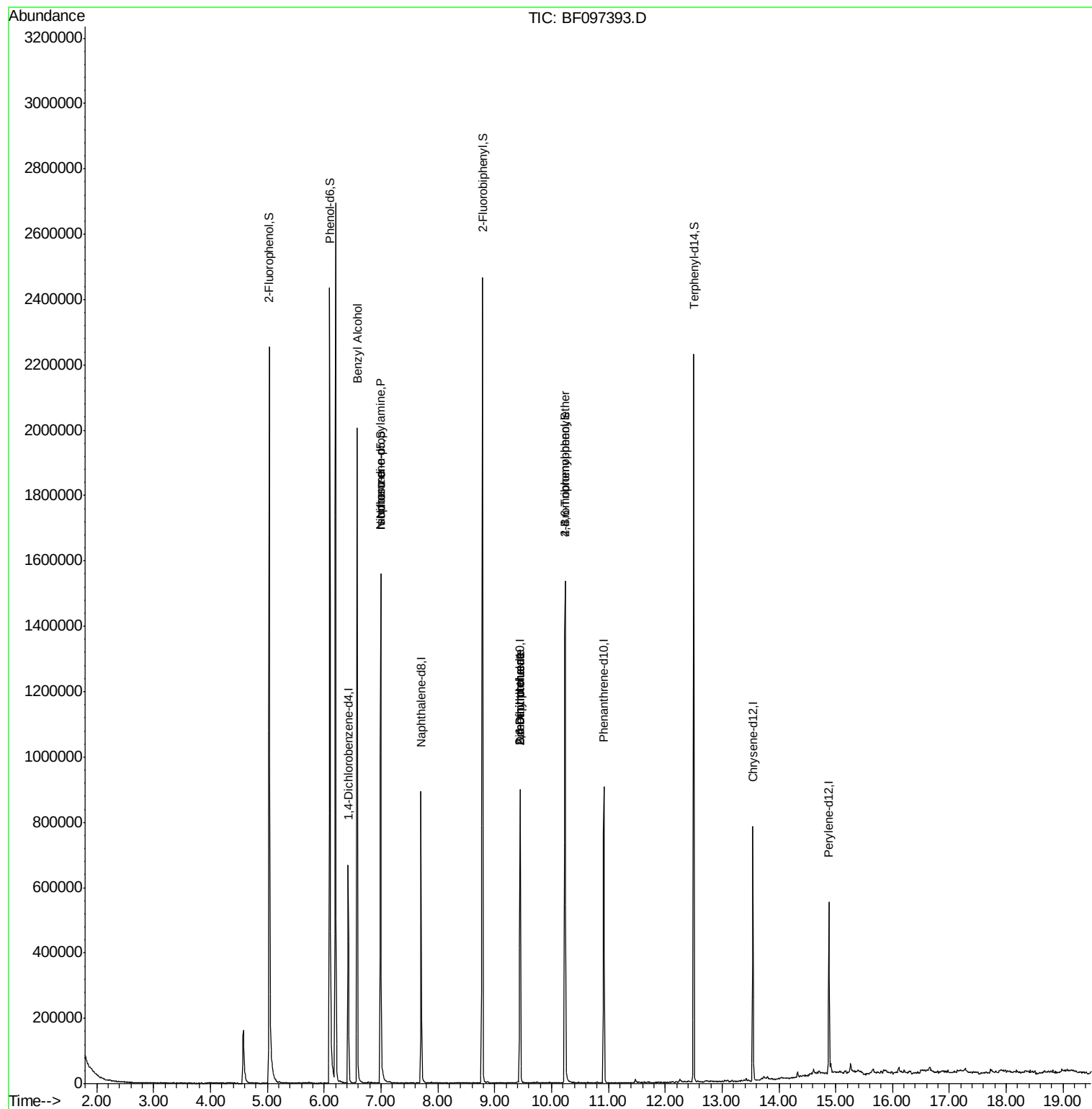
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	98769	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	442024	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	196264	20.00	ng	-0.09
63) Phenanthrene-d10	10.92	188	328425	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	280772	20.00	ng	-0.09
86) Perylene-d12	14.88	264	205997	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	794302	121.23	ng	-0.06
7) Phenol-d6	6.10	99	960040	128.35	ng	-0.07
23) Nitrobenzene-d5	6.99	82	560650	74.41	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	179444	115.72	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	958202	82.86	ng	-0.08
78) Terphenyl-d14	12.50	244	772154	56.07	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	6.57	79	9651	2.04	ng	# 46
19) n-Nitroso-di-n-propylamine	6.99	70	75321	15.30	ng	# 87
25) Isophorone	6.99	82	551390	37.37	ng	# 67
49) Dimethylphthalate	9.45	163	56985	3.82	ng	# 1
50) 2,6-Dinitrotoluene	9.45	165	24939	7.89	ng	# 32
56) 2,4-Dinitrotoluene	9.45	165	24939	6.86	ng	# 32
66) 4-Bromophenyl-phenylether	10.24	248	11767	3.59	ng	# 1

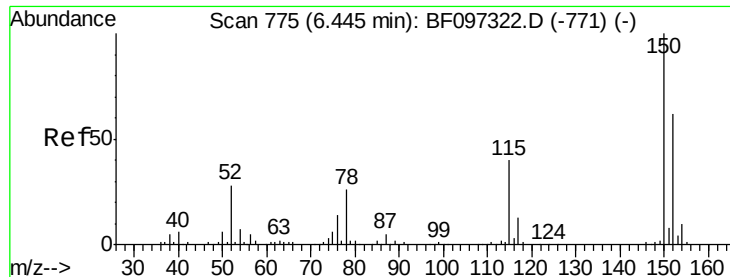
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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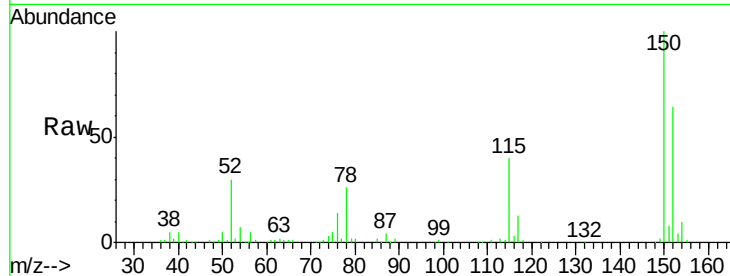


#1

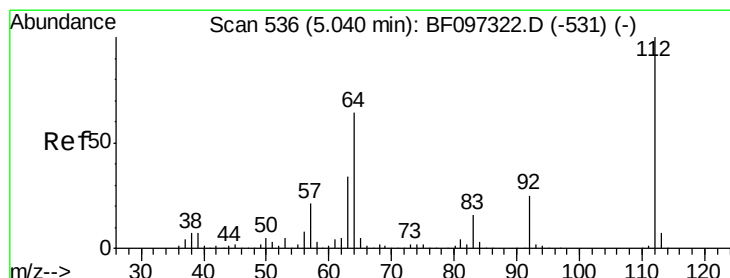
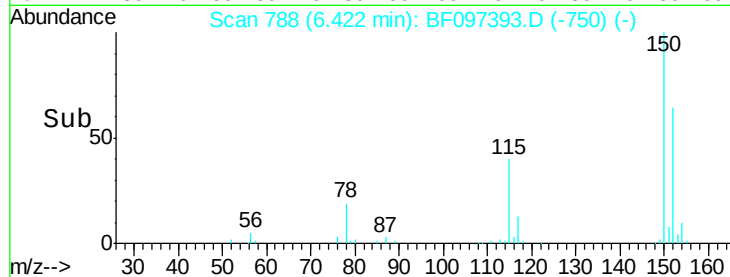
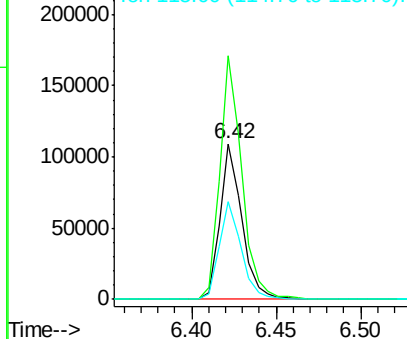
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98769
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 62.6 52.2 78.2



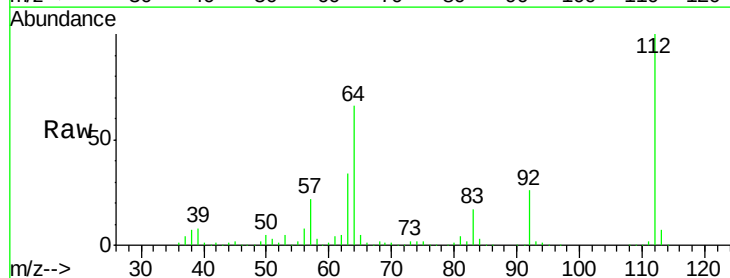
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



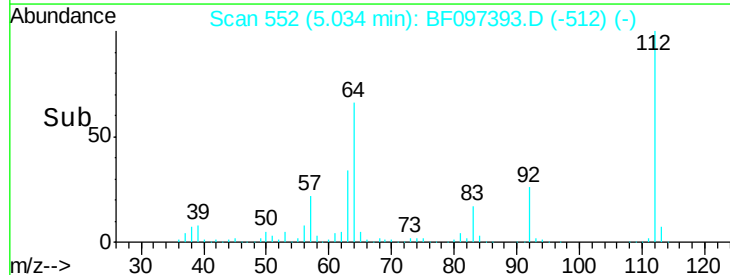
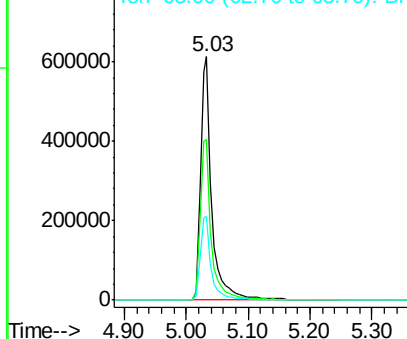
#5

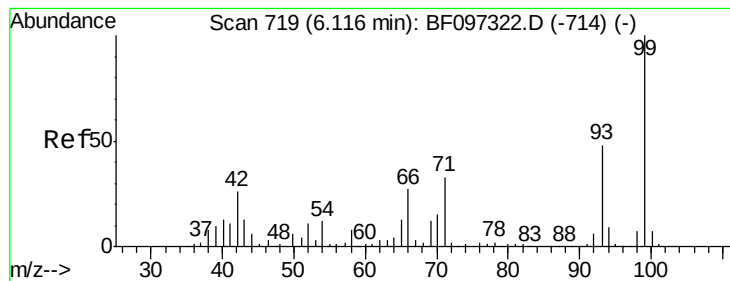
2-Fluorophenol
Concen: 121.23 ng
RT: 5.03 min Scan# 552
Delta R.T. -0.06 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Tgt Ion:112 Resp: 794302
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 34.3 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: 128.35 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

Instrument :

BNA_F

ClientSampleId :

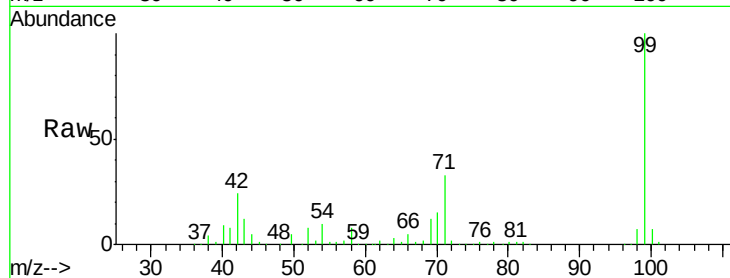
Tot Ion: 99 Resp: 960040

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

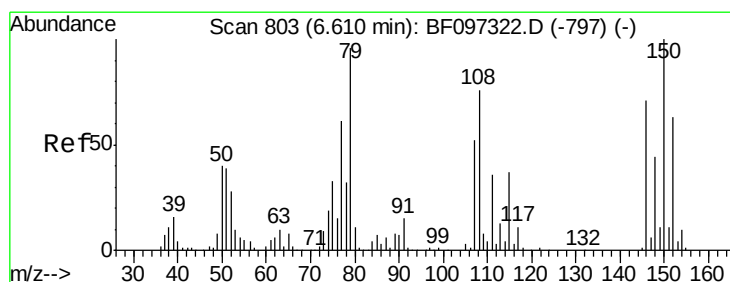
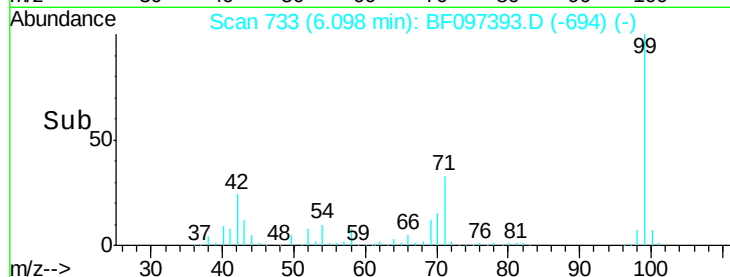
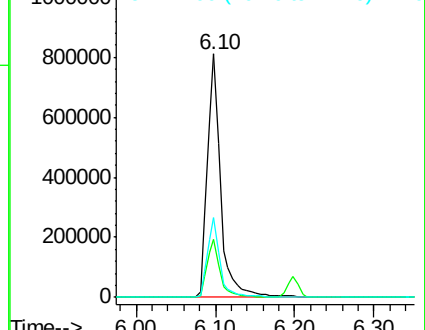
71 32.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.09 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

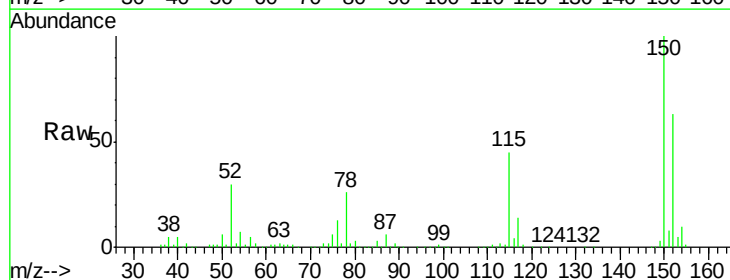
Tgt Ion: 79 Resp: 9651

Ion Ratio Lower Upper

79 100

108 23.9 63.4 95.0#

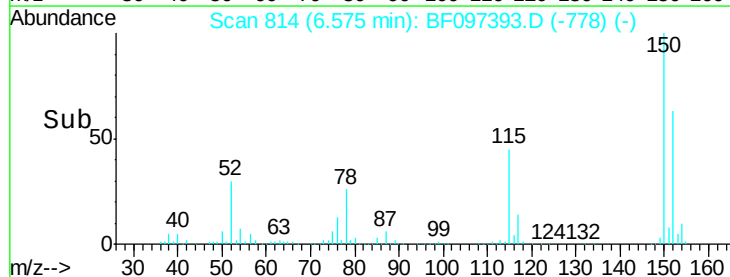
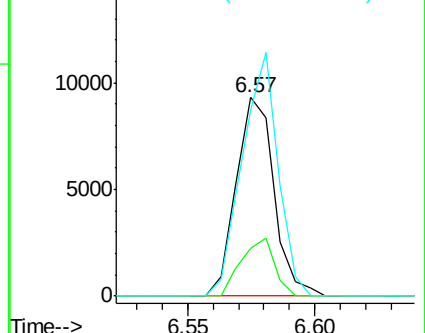
77 93.6 49.2 73.8#

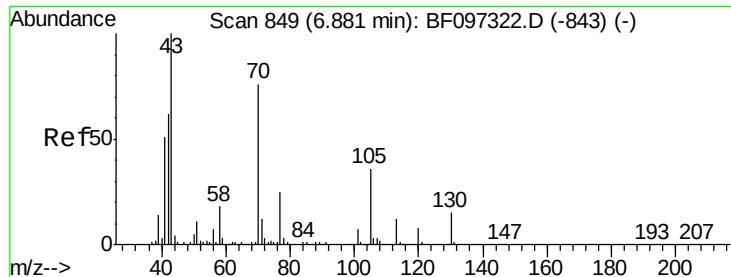


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

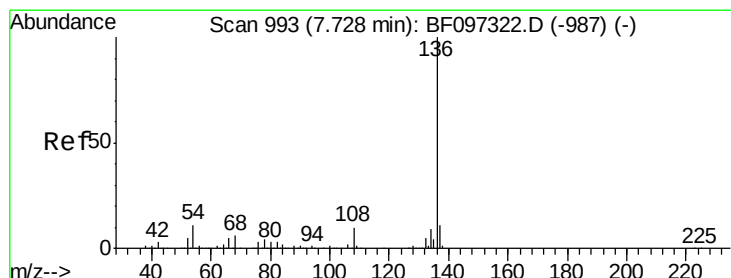
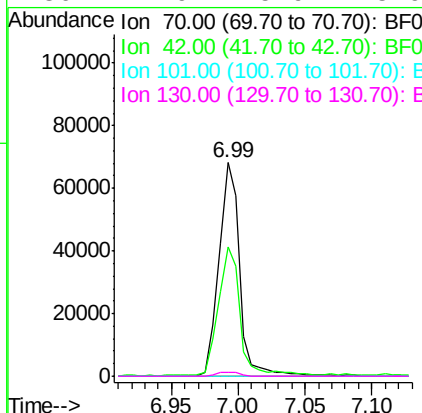
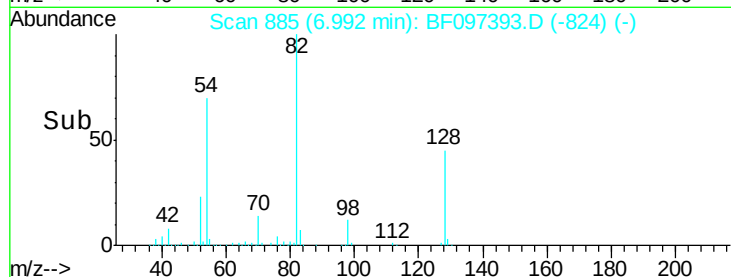
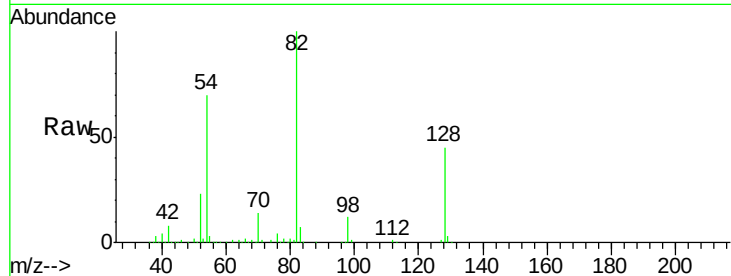




#19
n-Nitroso-di-n-propylamine
Concen: 15.30 ng
RT: 6.99 min Scan# 885
Delta R.T. 0.06 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

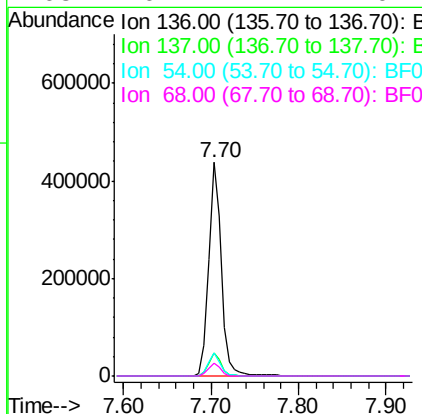
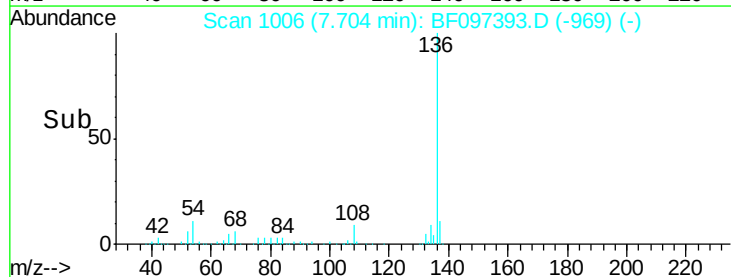
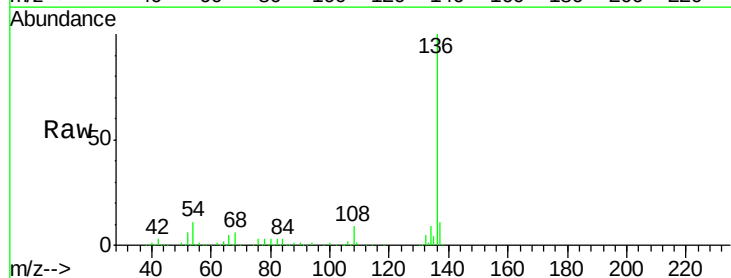
Instrument :
BNA_F
ClientSampleId :

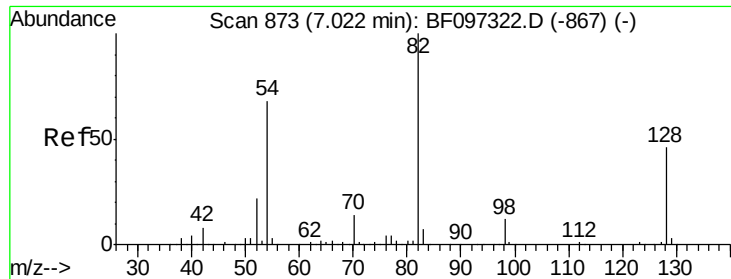
Tot Ion: 70 Resp: 75321
Ion Ratio Lower Upper
70 100
42 60.5 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Tgt Ion:136 Resp: 442024
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 4.9 7.3#
68 6.1 4.1 6.1

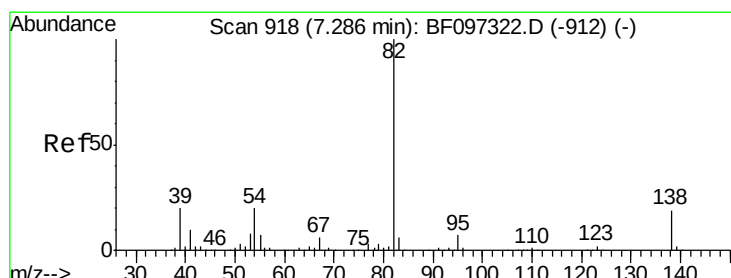
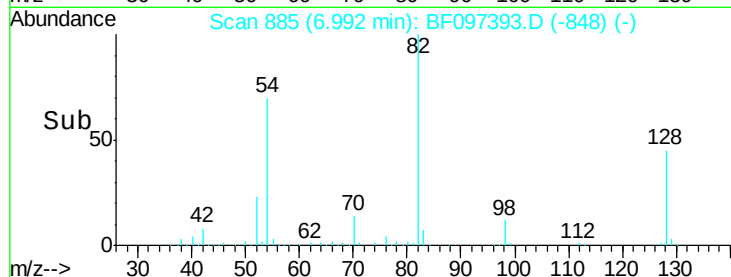
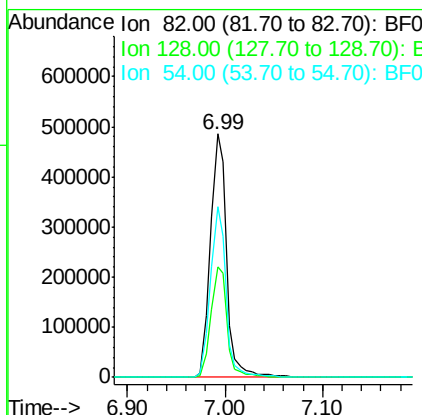
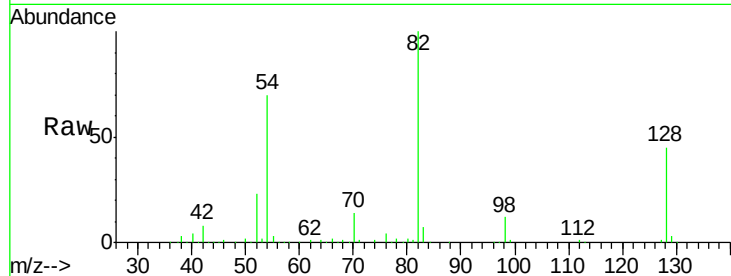




#23
Nitrobenzene-d5
Concen: 74.41 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

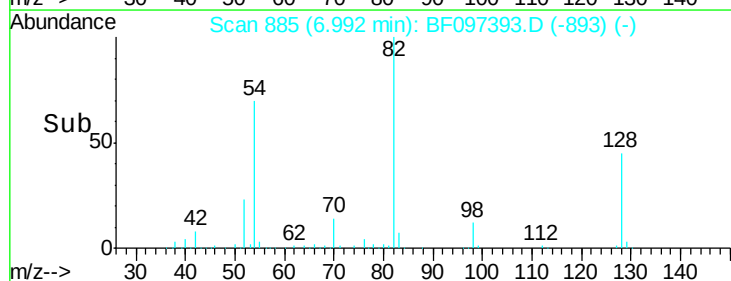
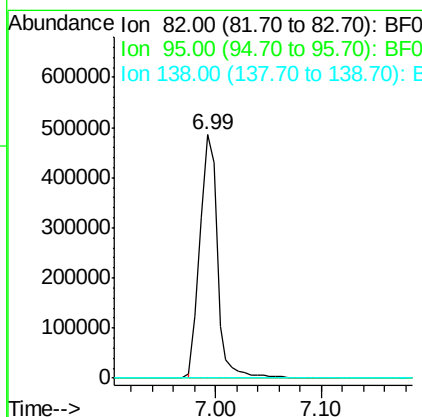
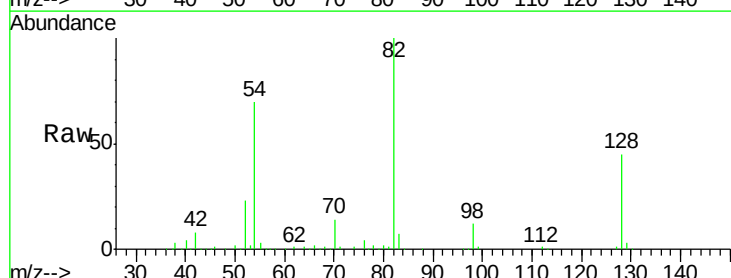
Instrument :
BNA_F
ClientSampled :

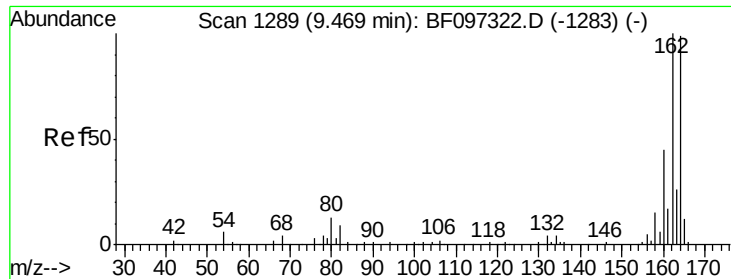
Tot Ion: 82 Resp: 560650
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 70.1 42.2 63.2#



#25
Isophorone
Concen: 37.37 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.35 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Tgt Ion: 82 Resp: 551390
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

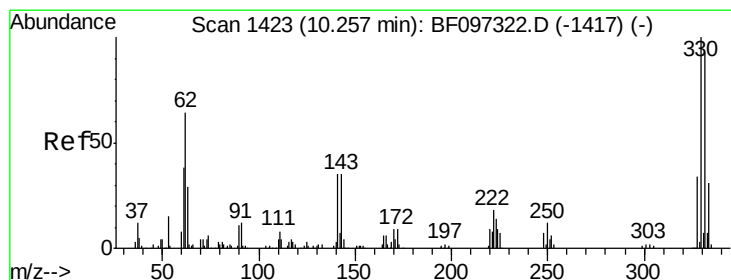
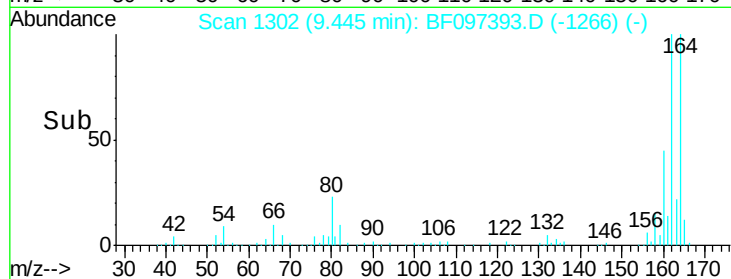
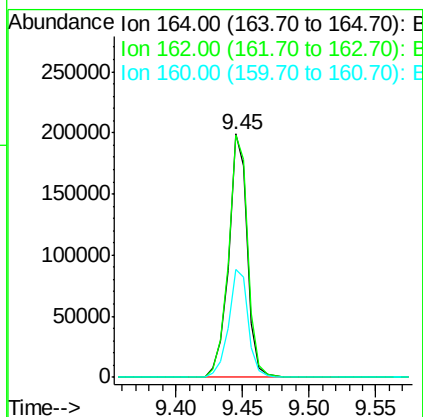
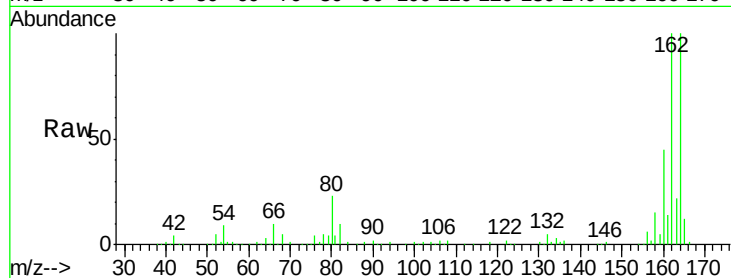




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.09 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

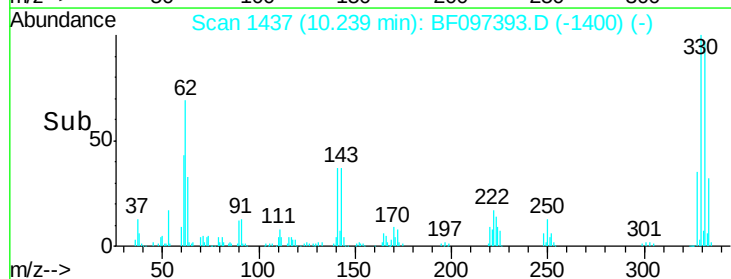
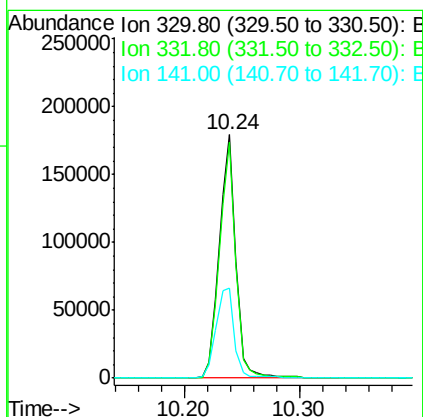
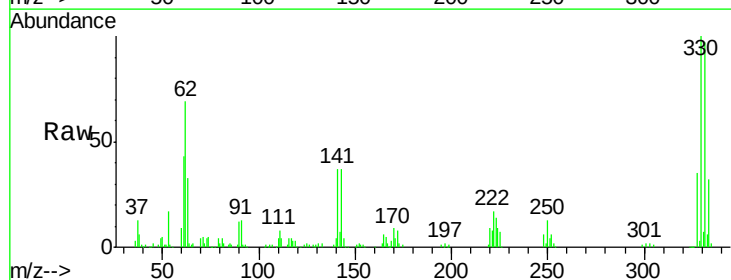
Instrument :
 BNA_F
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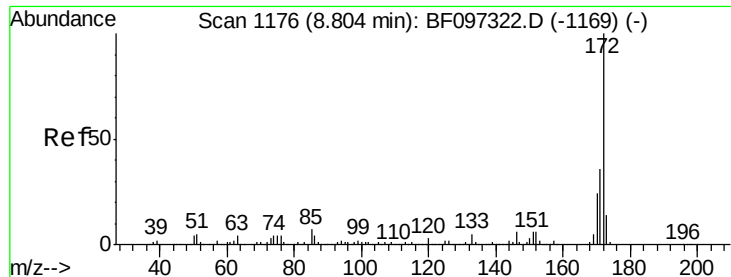
Tot Ion:164 Resp: 196264
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 44.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 115.72 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Tgt Ion:330 Resp: 179444
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 41.0 31.4 47.2

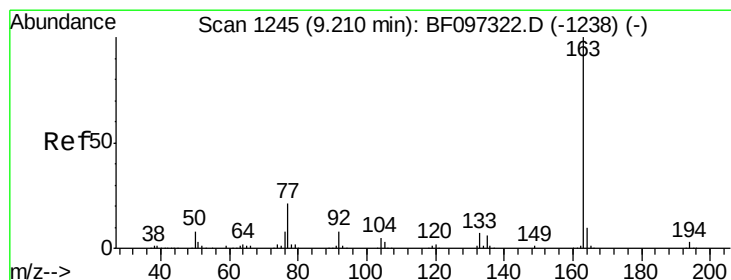
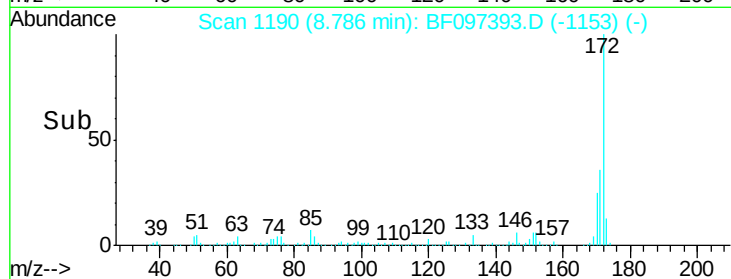
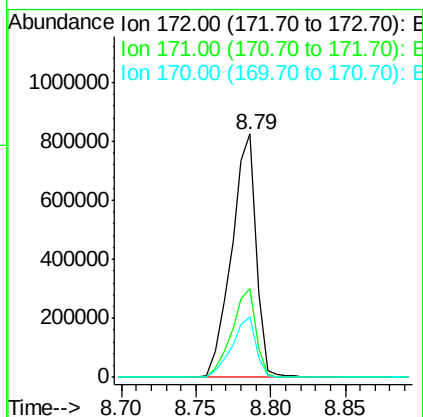
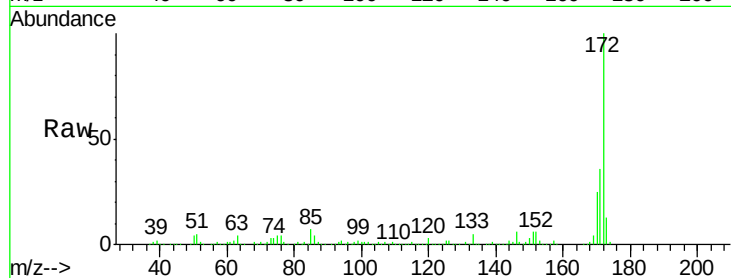




#44
2-Fluorobiphenyl
Concen: 82.86 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

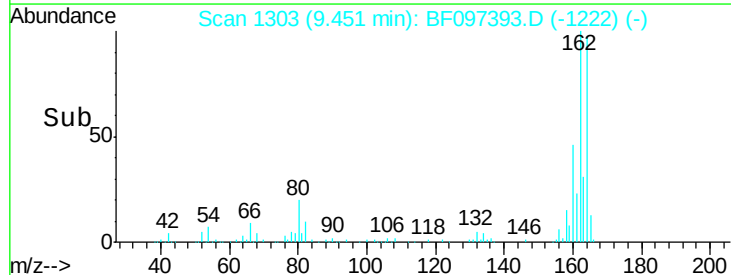
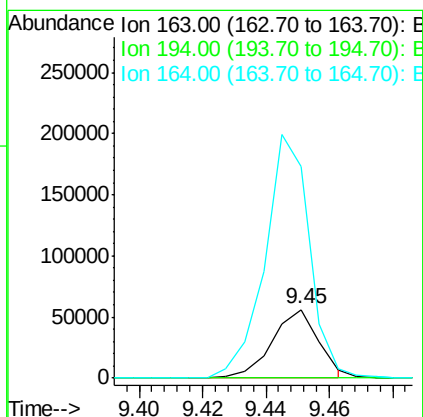
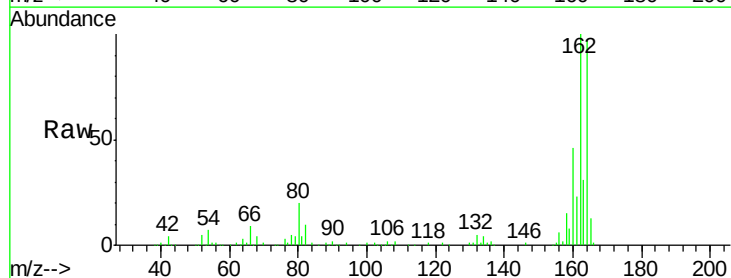
Instrument :
BNA_F
ClientSampled :

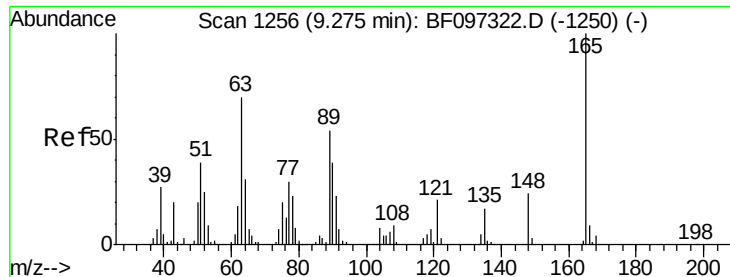
Tot Ion:172 Resp: 958202
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.8 19.8 29.8



#49
Dimethylphthalate
Concen: 3.82 ng
RT: 9.45 min Scan# 1303
Delta R.T. 0.18 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Tgt Ion:163 Resp: 56985
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 307.3 8.4 12.6#

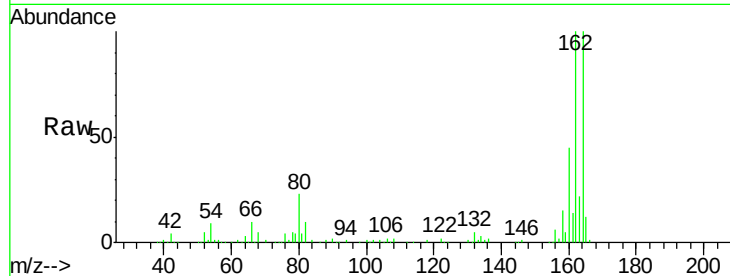




#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. 0.11 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

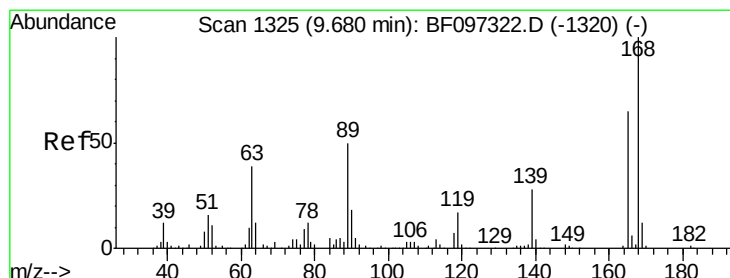
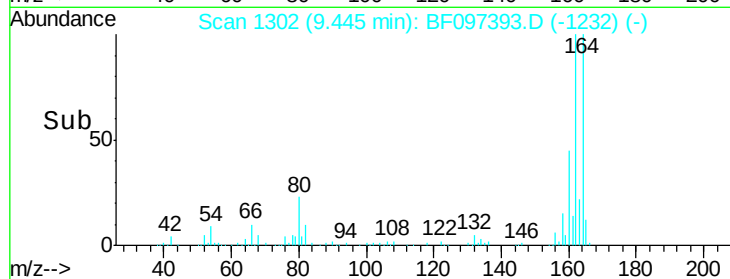
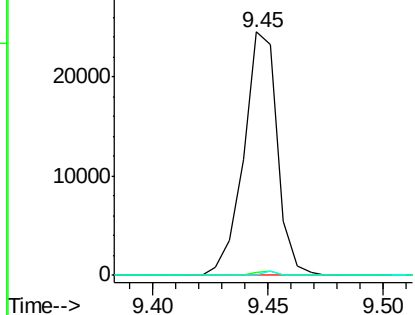
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

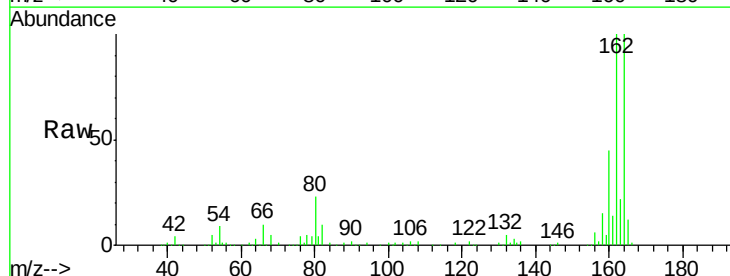
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.29 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

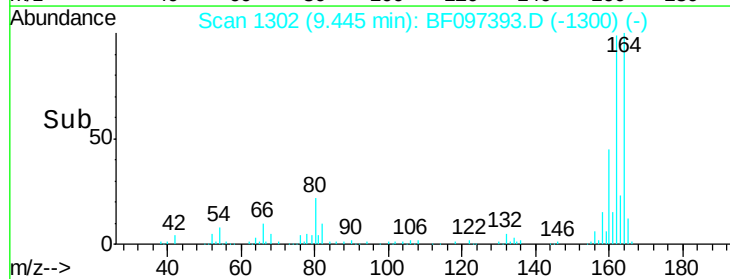
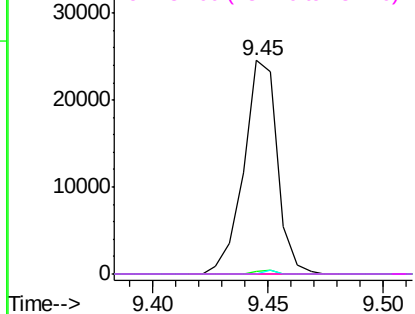


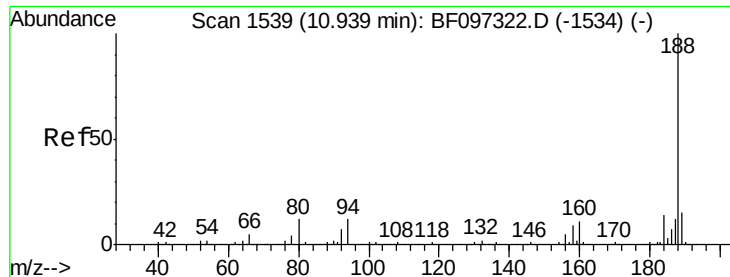
Abundance Ion 165.00 (164.70 to 165.70): E

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

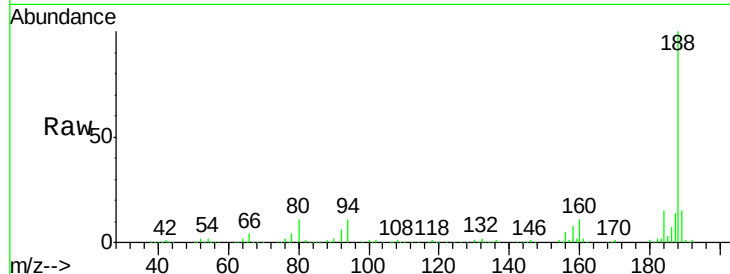




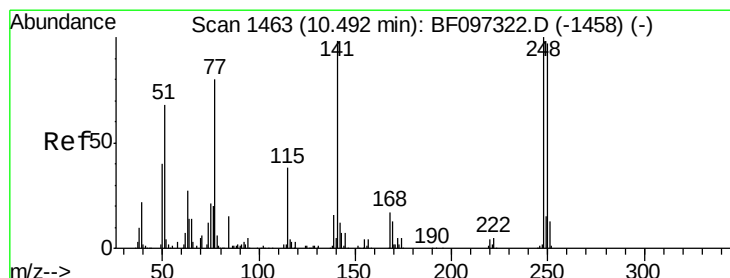
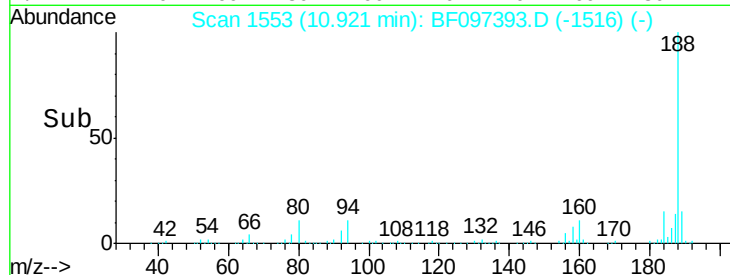
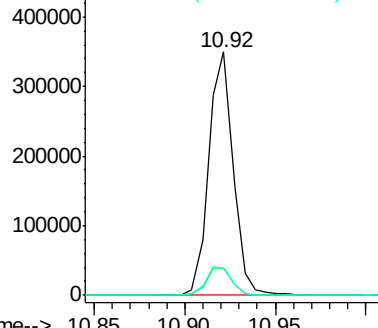
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 328425
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.4 10.2 15.2

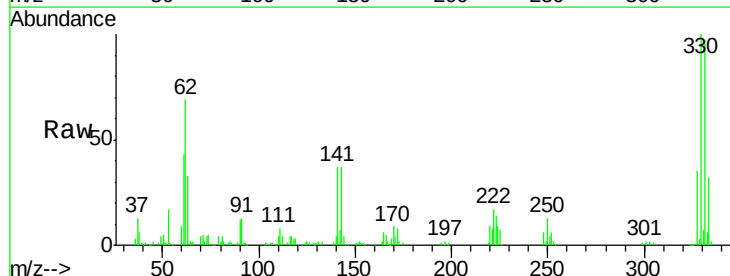


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

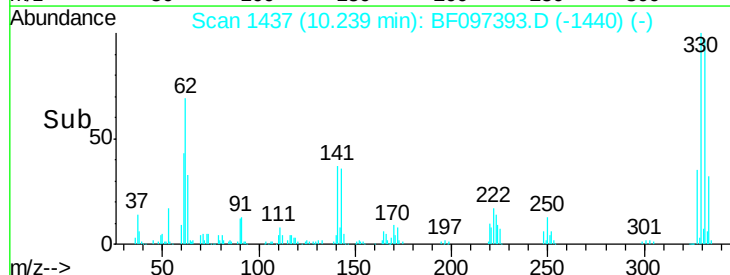
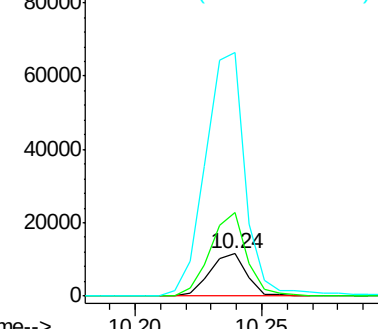


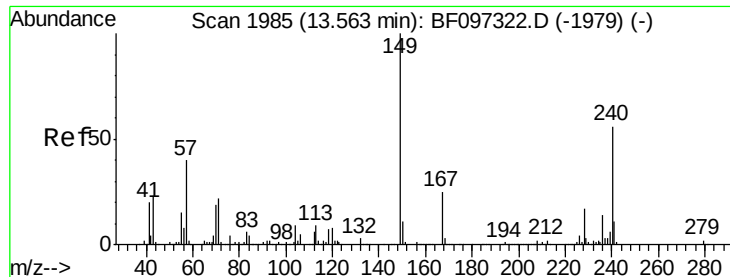
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.32 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Tgt Ion:248 Resp: 11767
Ion Ratio Lower Upper
248 100
250 196.9 76.8 115.2#
141 574.4 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: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

Instrument :

BNA_F

ClientSampleId :

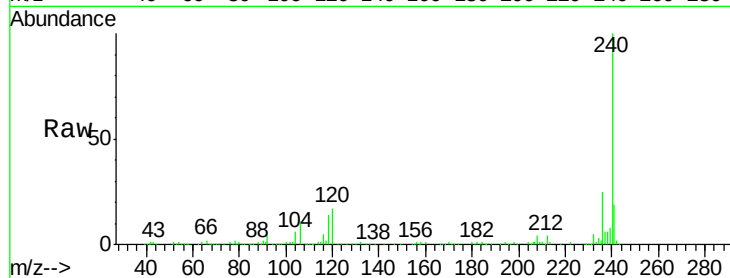
Tot Ion:240 Resp: 280772

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

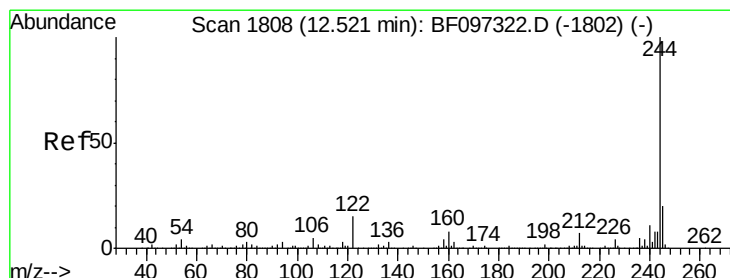
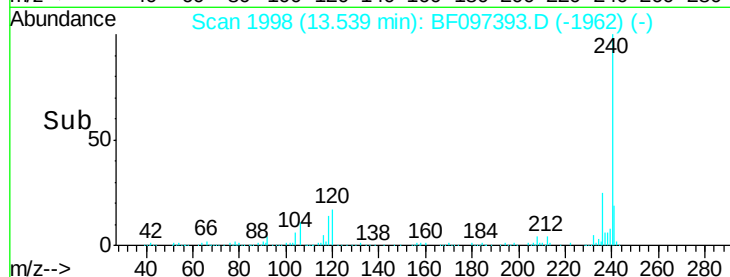
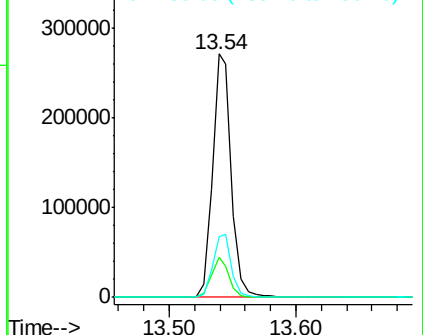
236 24.9 20.5 30.7



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: 56.07 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

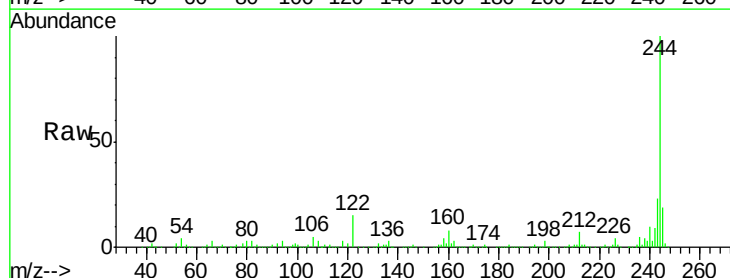
Tgt Ion:244 Resp: 772154

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

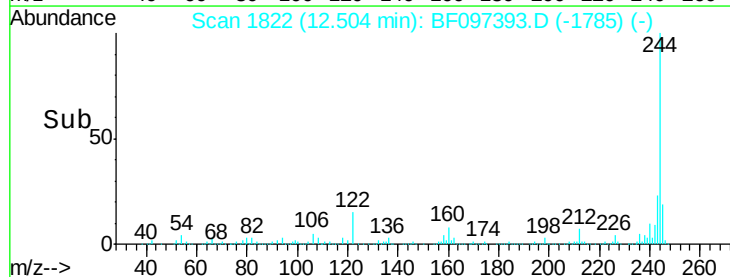
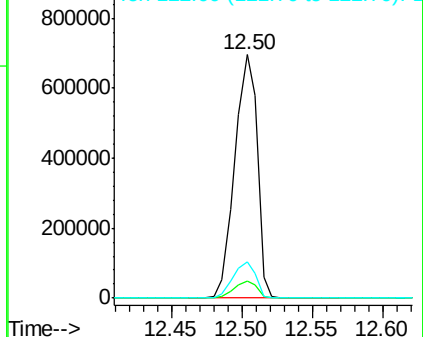
122 14.9 10.3 15.5

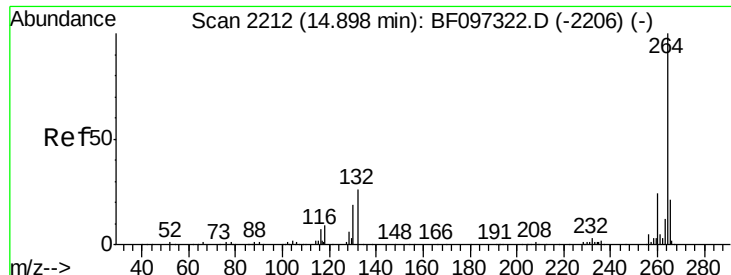


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.4	17.2	25.8

