

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097199.D
 Acq On : 29 Jul 2017 12:47
 Operator : SJ/JU
 Sample : I4465-03RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-ARE

Quant Time: Jul 31 01:02:49 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

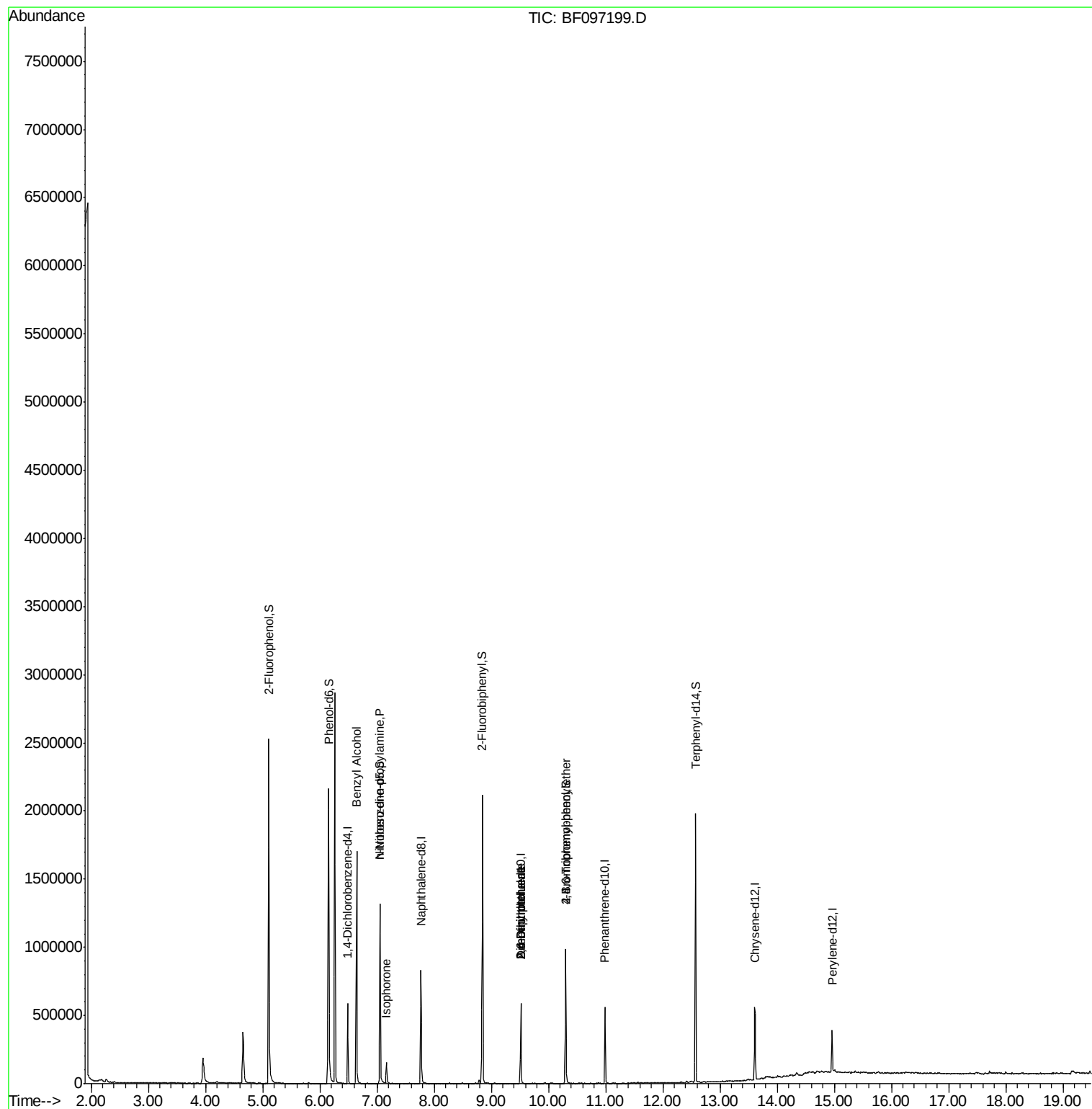
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	83427	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	392429	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	121344	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	200310	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	179163	20.00	ng	-0.02
86) Perylene-d12	14.96	264	120489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	785768	141.98	ng	0.00
7) Phenol-d6	6.16	99	810580	128.30	ng	-0.01
23) Nitrobenzene-d5	7.05	82	449154	67.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	121469	126.70	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	751340	105.08	ng	-0.02
78) Terphenyl-d14	12.57	244	603578	68.69	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.64	79	8103	2.03	ng	# 46
19) n-Nitroso-di-n-propylamine	7.05	70	58733	14.12	ng	# 84
25) Isophorone	7.16	82	35351	2.70	ng	# 47
49) Dimethylphthalate	9.52	163	34567	3.75	ng	# 1
50) 2,6-Dinitrotoluene	9.52	165	16211	8.29	ng	# 33
56) 2,4-Dinitrotoluene	9.52	165	16211	7.22	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	7856	3.93	ng	# 1

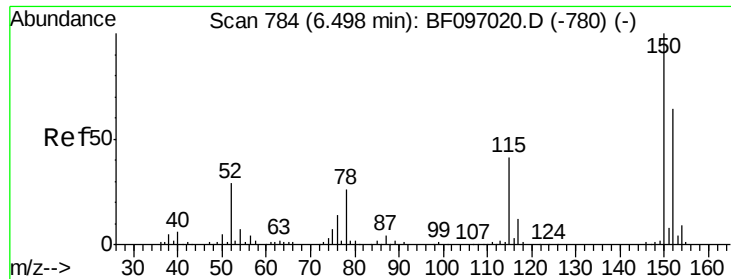
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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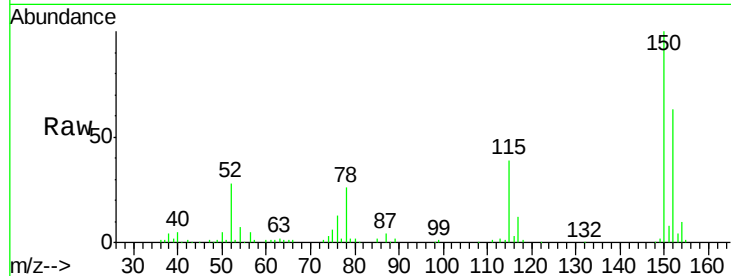


#1

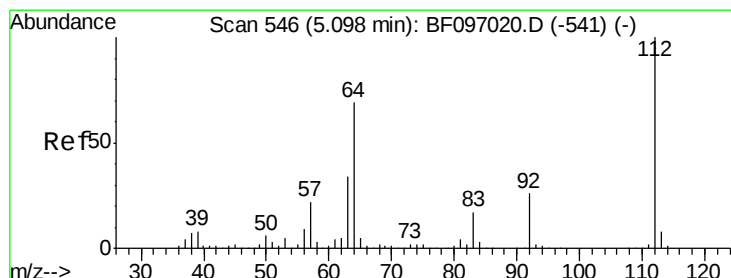
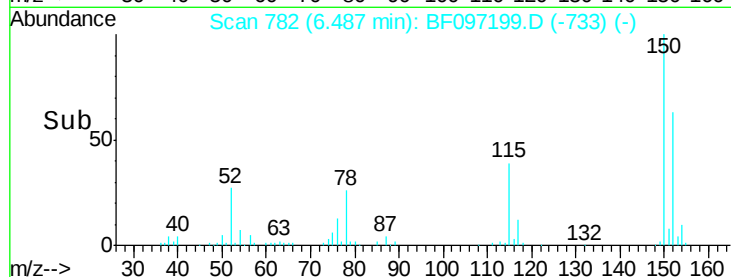
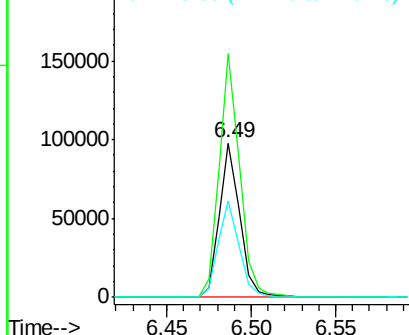
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
OK-03-072617-ARE

Tot Ion:152 Resp: 83427
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.1 52.2 78.2



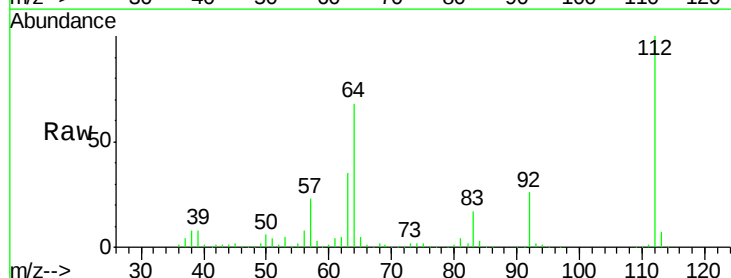
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



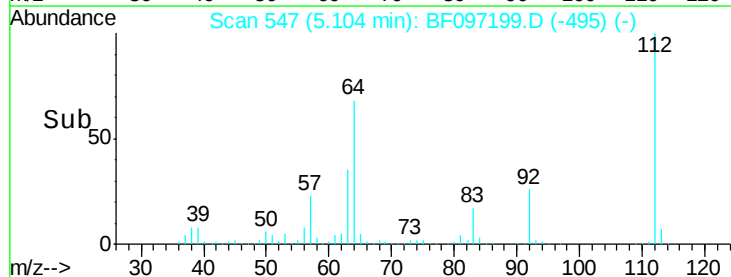
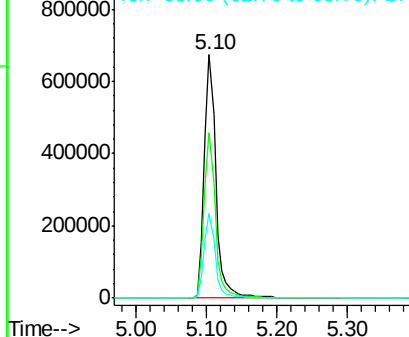
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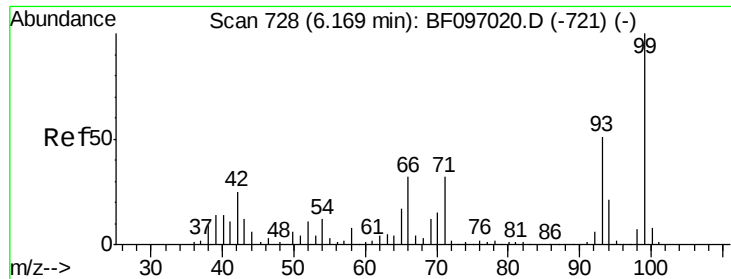
2-Fluorophenol
Concen: 141.98 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Tgt Ion:112 Resp: 785768
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 34.8 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: 128.30 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-ARE

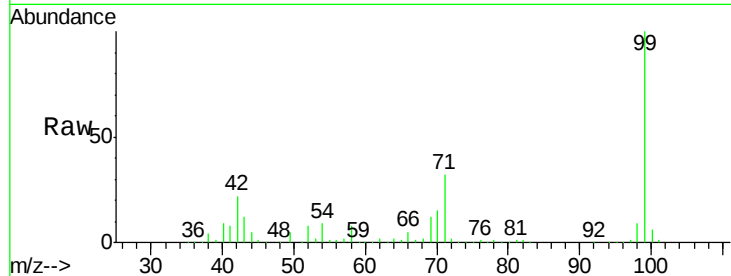
Tot Ion: 99 Resp: 810580

Ion Ratio Lower Upper

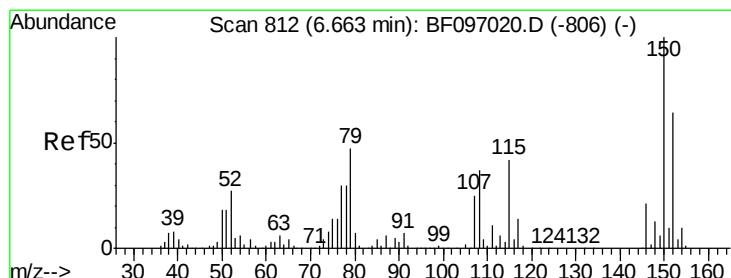
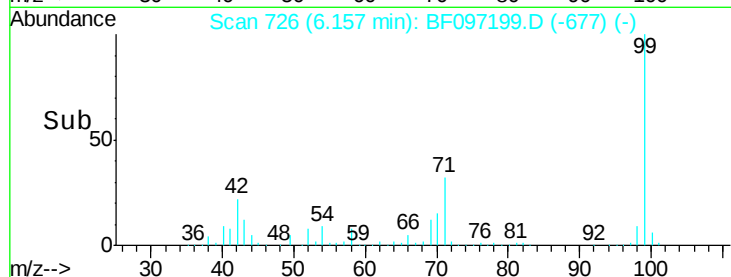
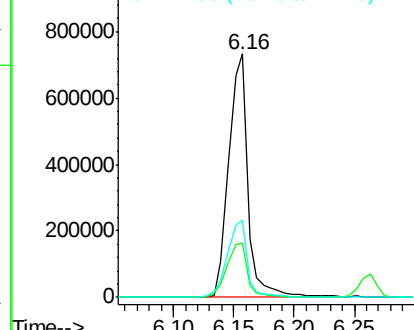
99 100

42 22.3 13.5 20.3#

71 31.6 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: 2.03 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

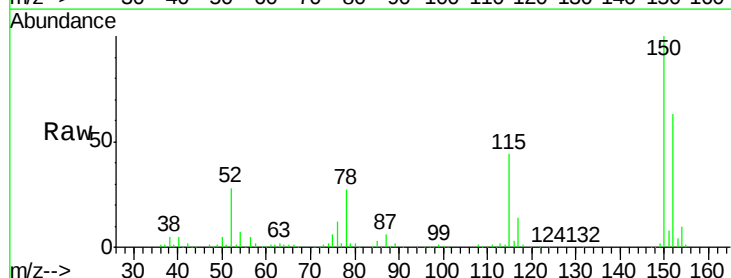
Tgt Ion: 79 Resp: 8103

Ion Ratio Lower Upper

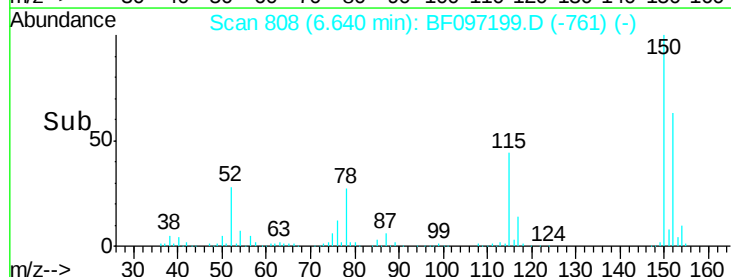
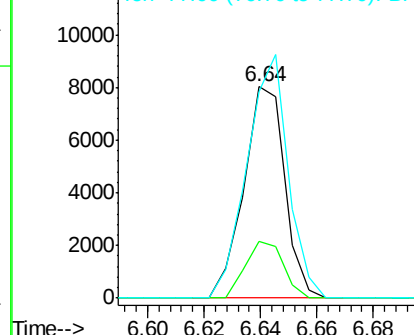
79 100

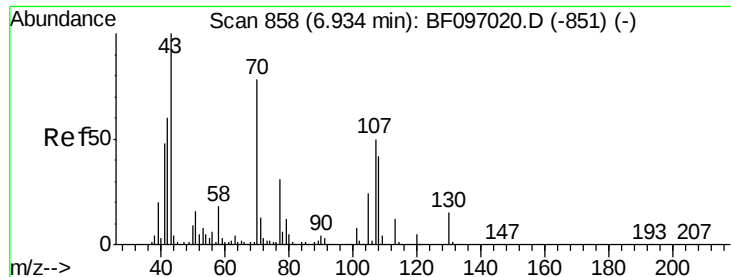
108 26.7 63.4 95.0#

77 97.7 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

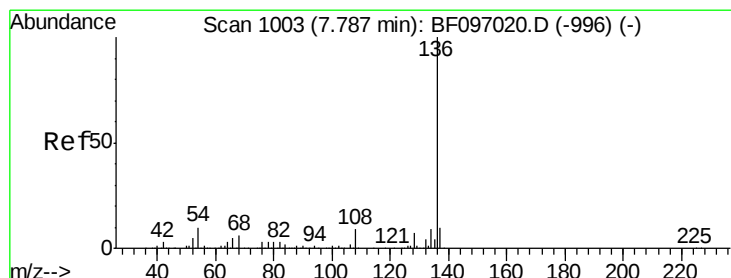
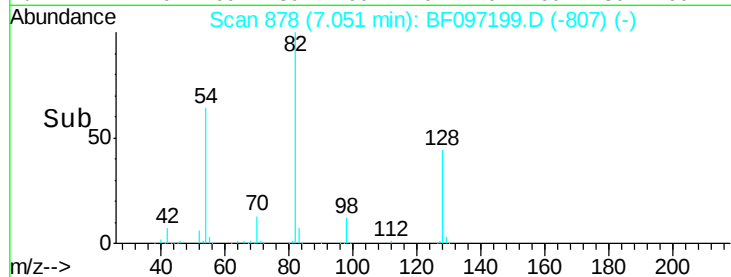
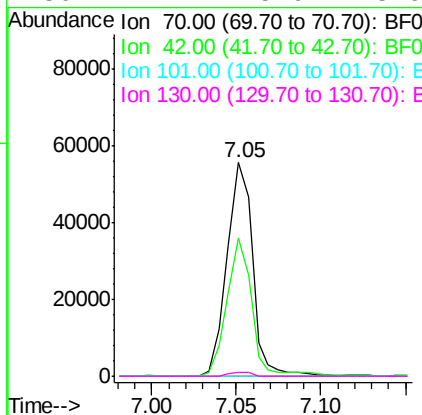
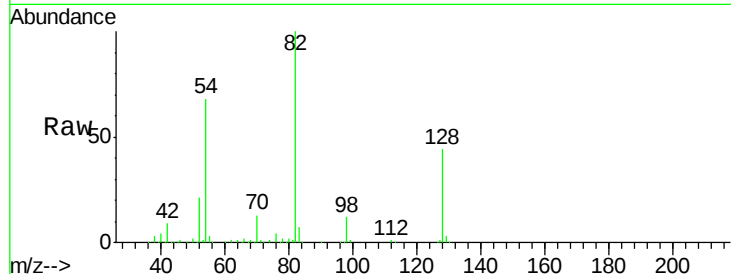




#19
n-Nitroso-di-n-propylamine
Concen: 14.12 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

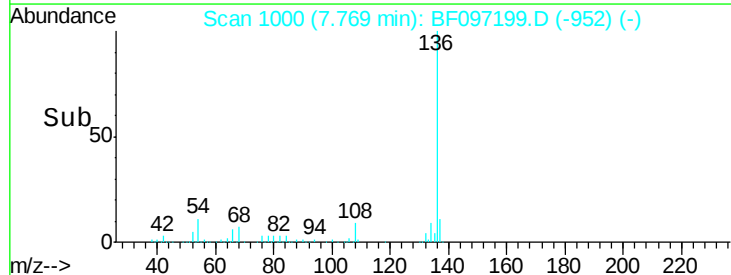
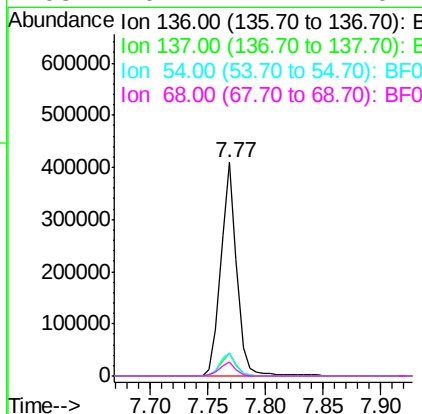
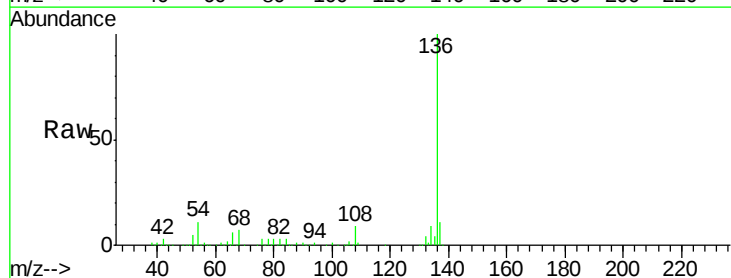
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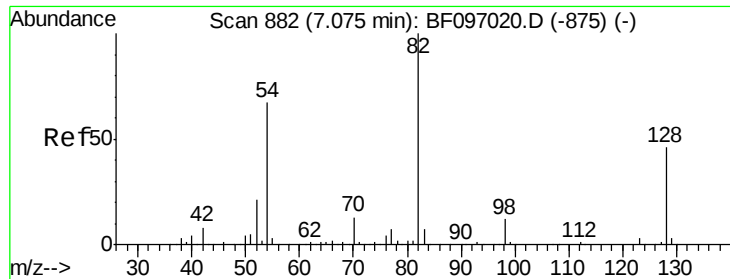
Tot Ion: 70 Resp: 58733
Ion Ratio Lower Upper
70 100
42 64.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Tgt Ion: 136 Resp: 392429
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.9 4.9 7.3#
68 6.7 4.1 6.1#

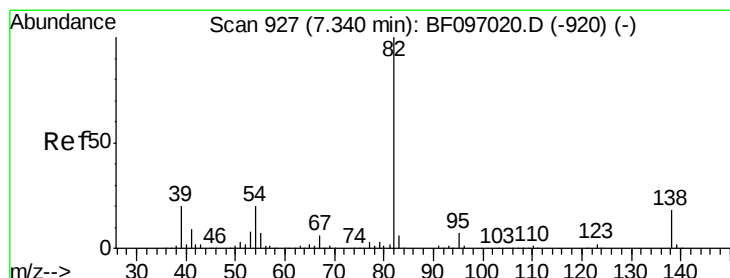
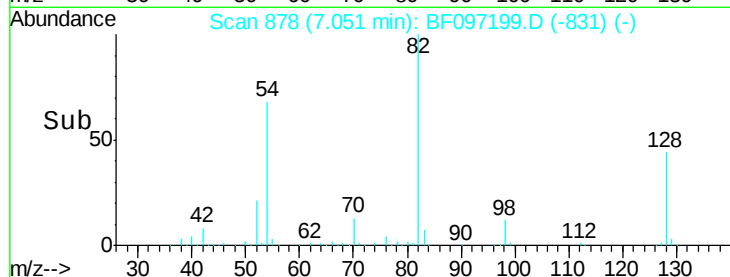
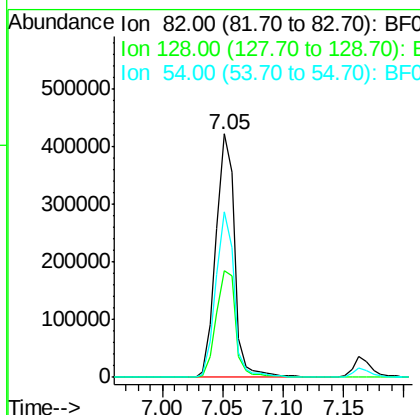
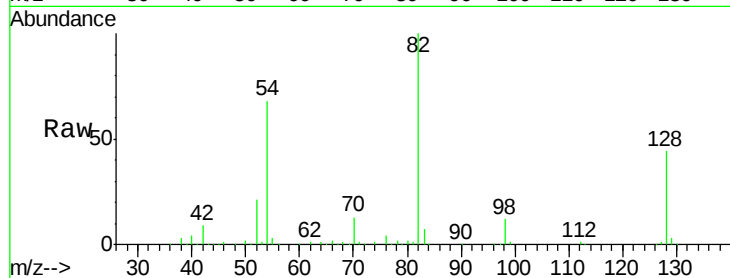




#23
 Nitrobenzene-d5
 Concen: 67.14 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

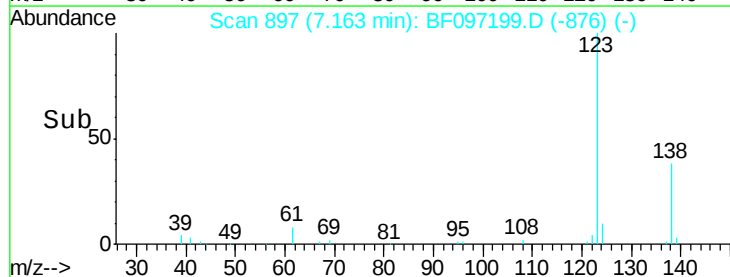
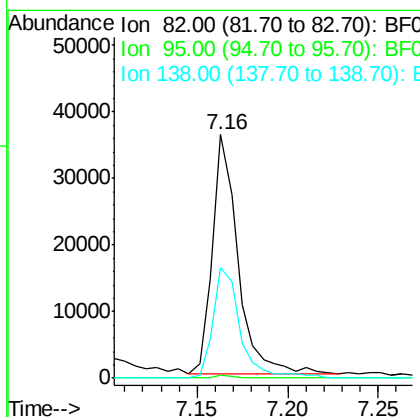
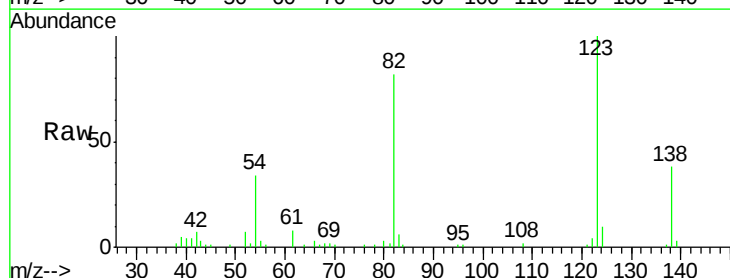
Instrument :
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 ClientSampleId :
 OK-03-072617-ARE

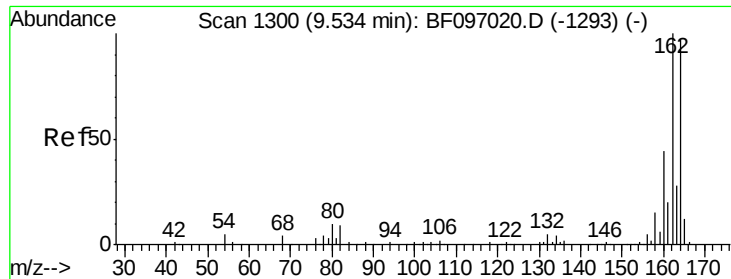
Tot Ion: 82 Resp: 449154
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 67.7 42.2 63.2#



#25
 Isophorone
 Concen: 2.70 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.18 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Tgt Ion: 82 Resp: 35351
 Ion Ratio Lower Upper
 82 100
 95 1.2 5.3 7.9#
 138 45.6 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-ARE

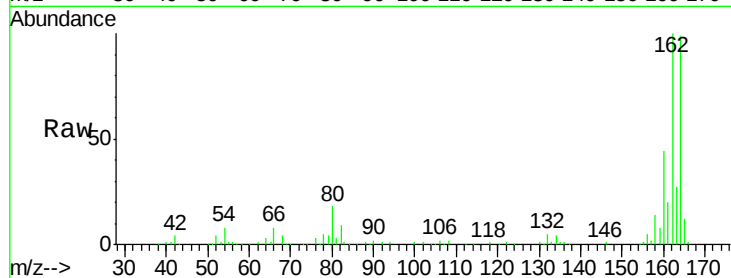
Tot Ion:164 Resp: 121344

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

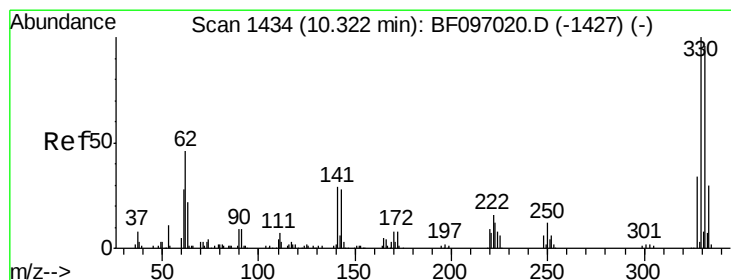
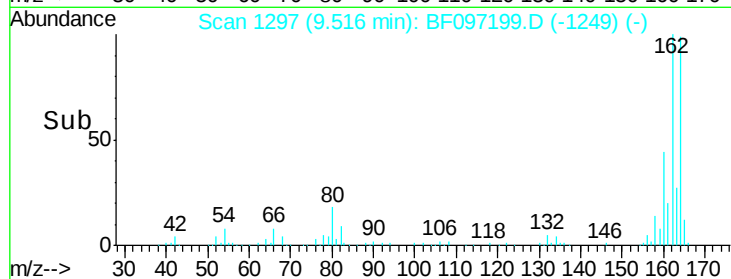
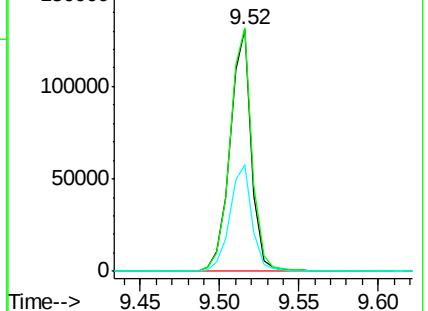
160 43.9 36.2 54.2



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: 126.70 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

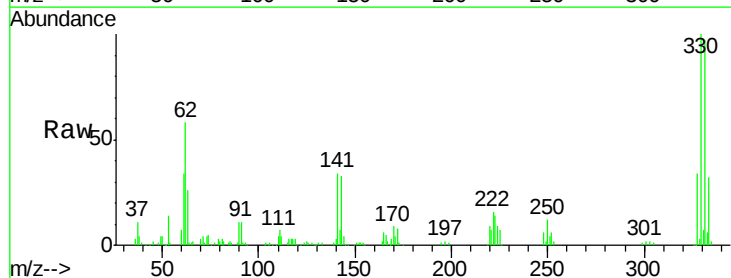
Tgt Ion:330 Resp: 121469

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

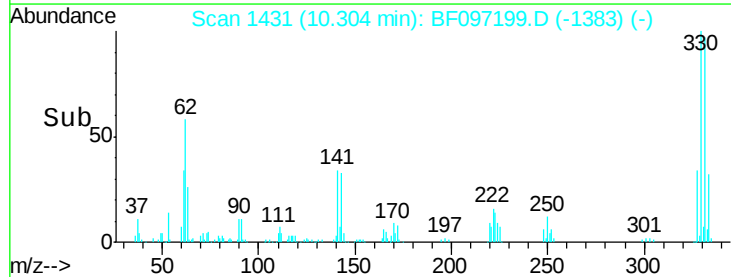
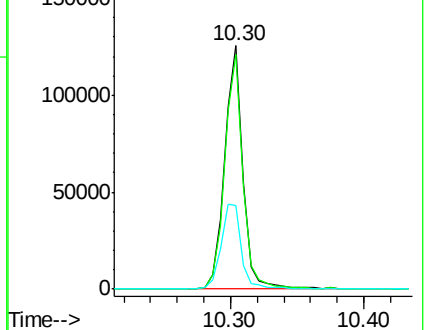
141 39.1 31.4 47.2

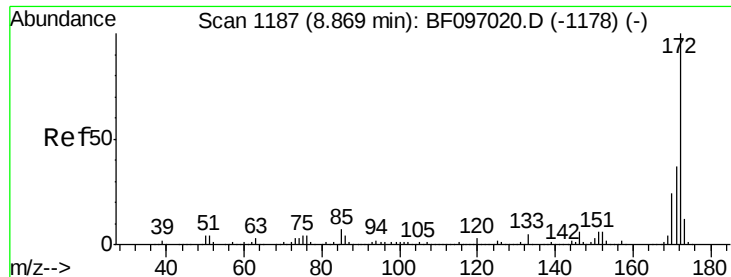


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

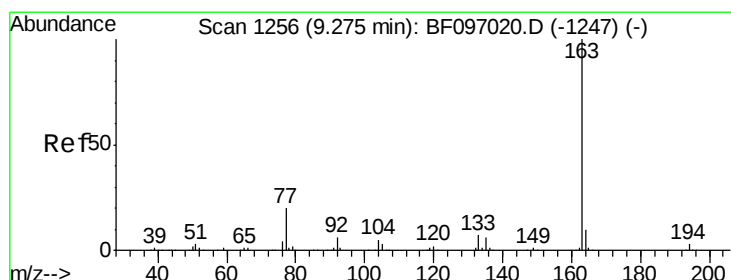
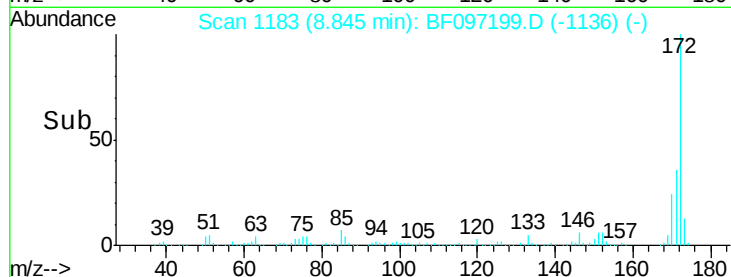
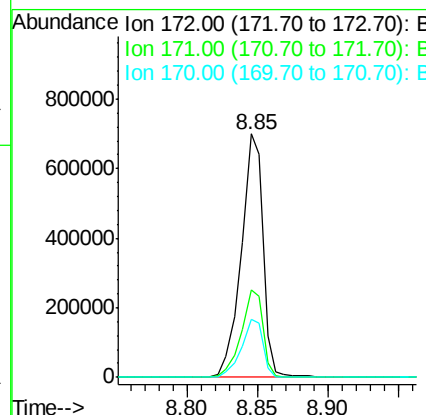
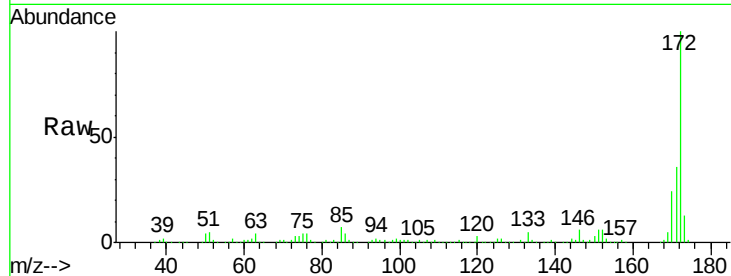




#44
2-Fluorobiphenyl
Concen: 105.08 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

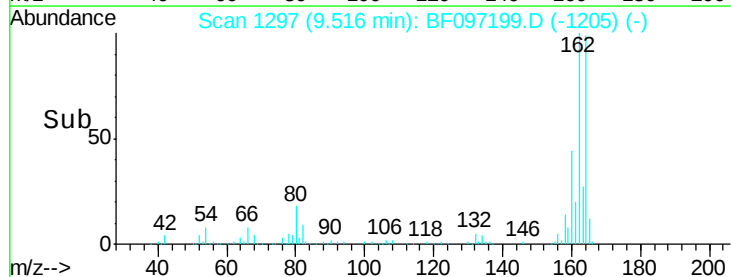
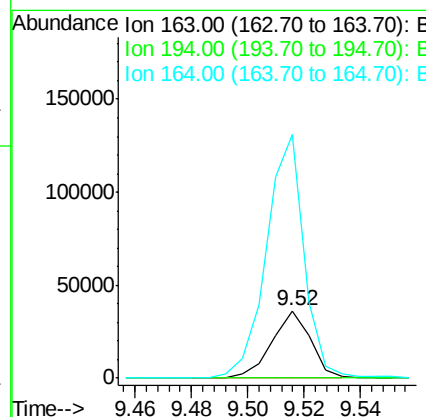
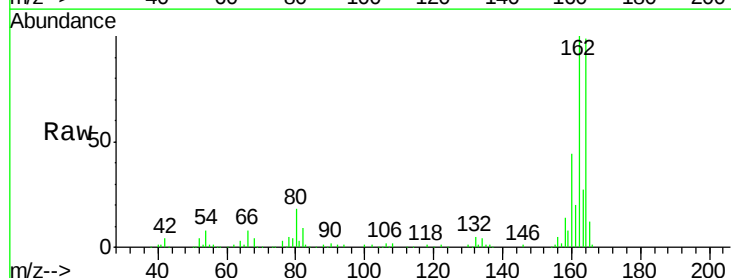
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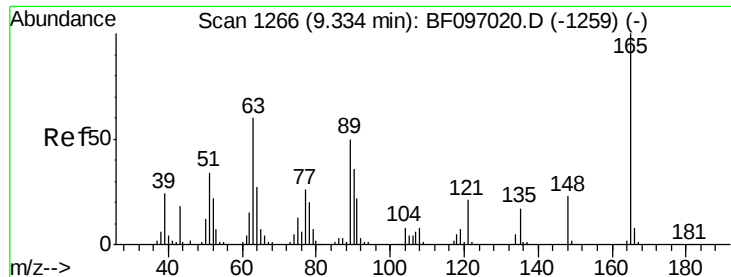
Tot Ion:172 Resp: 751340
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 3.75 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.24 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Tgt Ion:163 Resp: 34567
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 362.6 8.4 12.6#

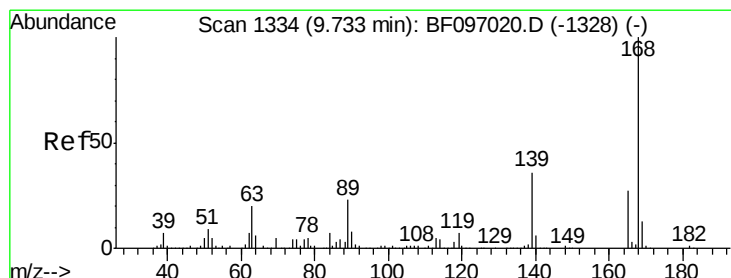
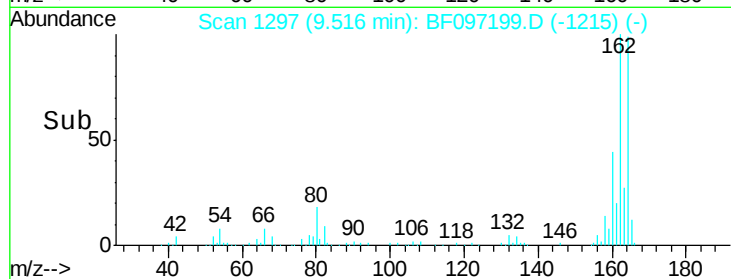
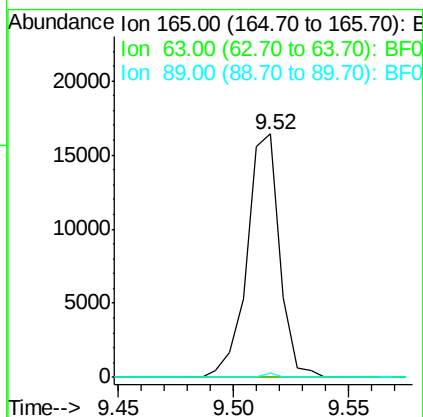
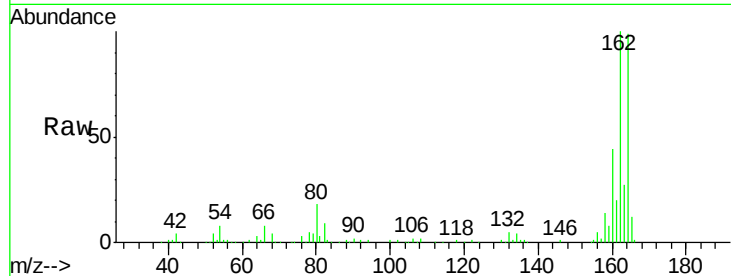




#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.18 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

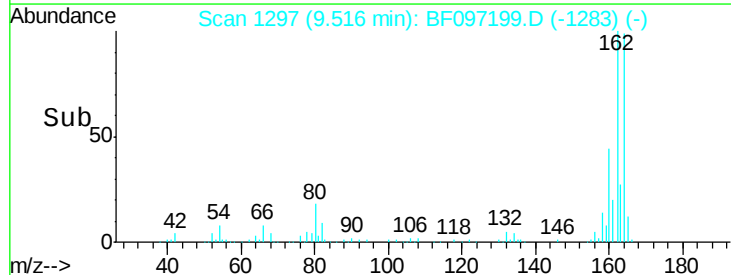
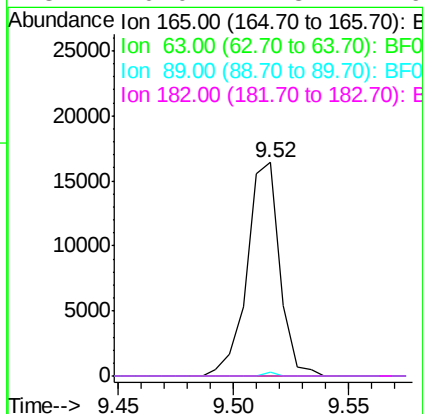
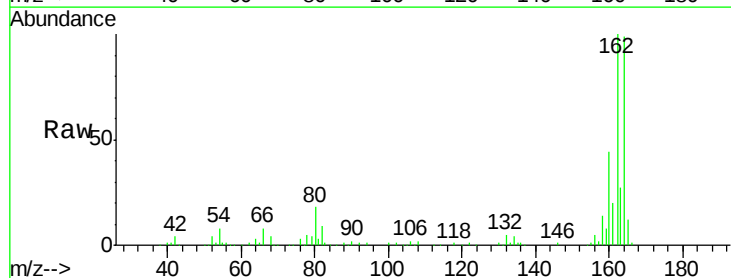
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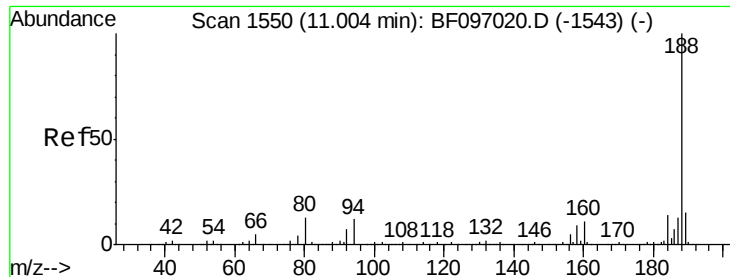
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

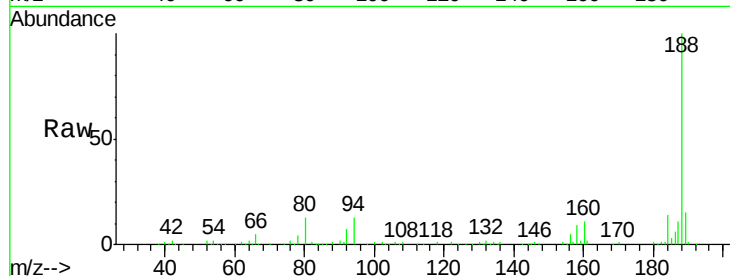




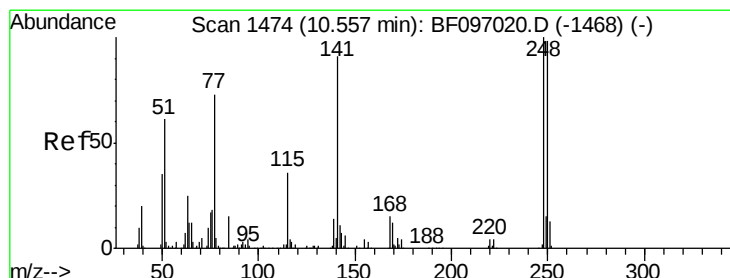
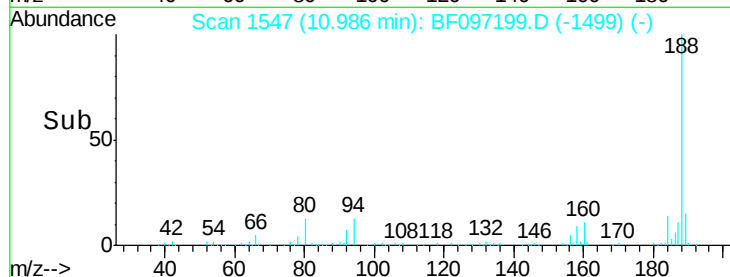
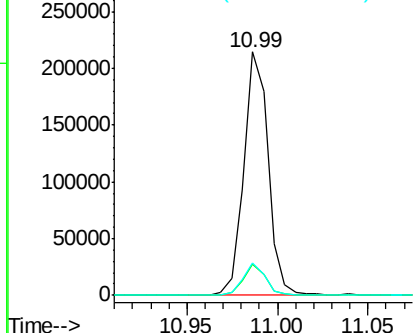
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-ARE

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.4	10.2	15.2

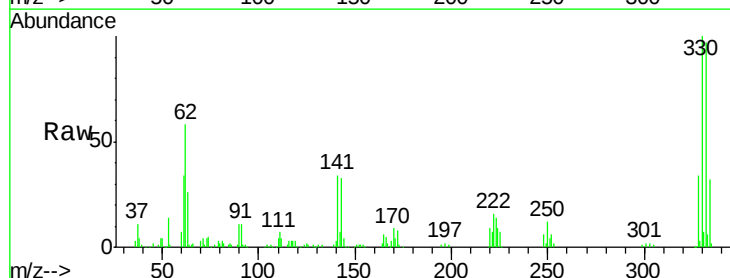


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

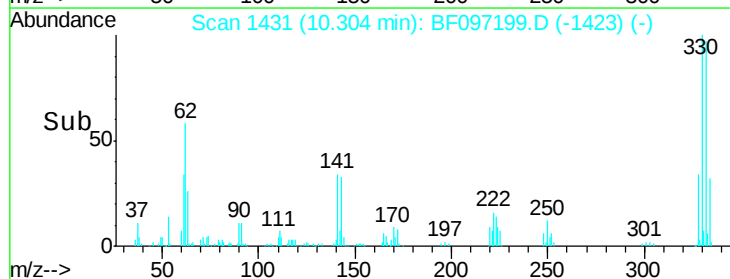
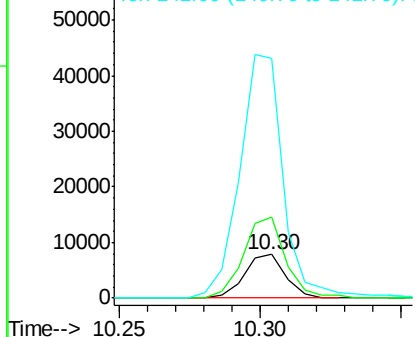


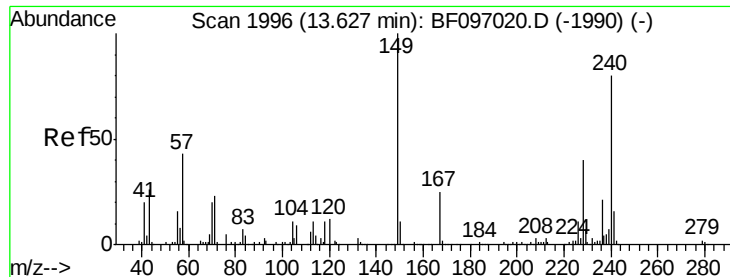
#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.2	76.8	115.2#
141	552.5	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: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-ARE

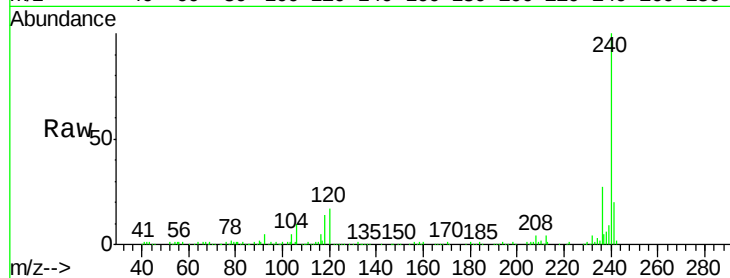
Tot Ion:240 Resp: 179163

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

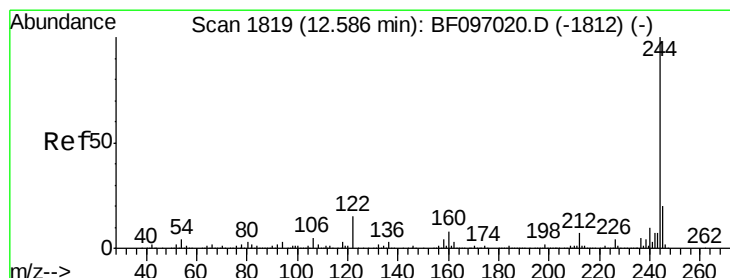
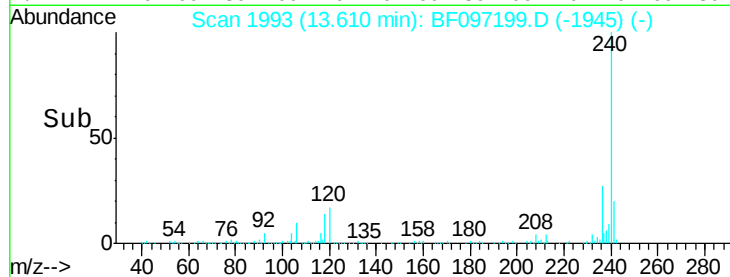
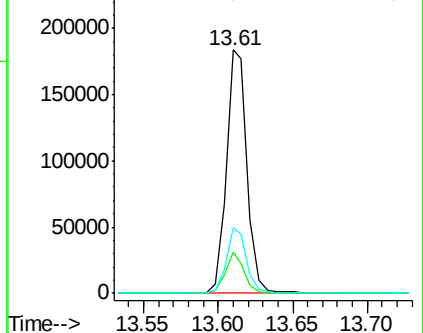
236 27.0 20.5 30.7



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: 68.69 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

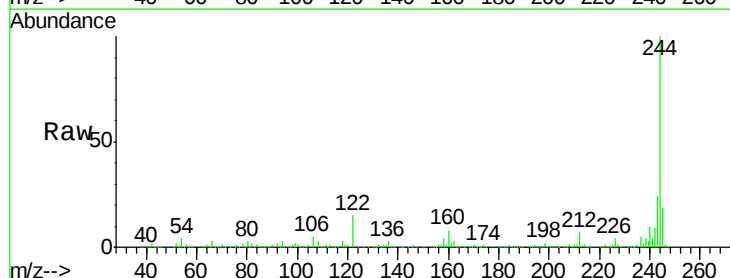
Tgt Ion:244 Resp: 603578

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

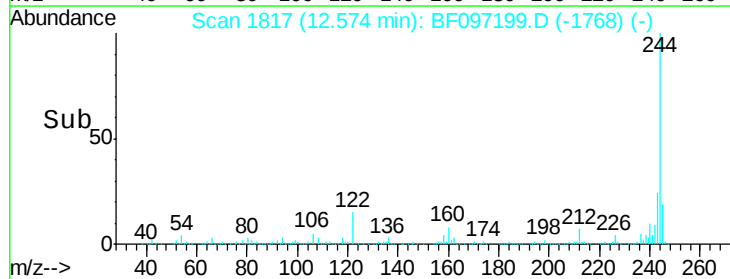
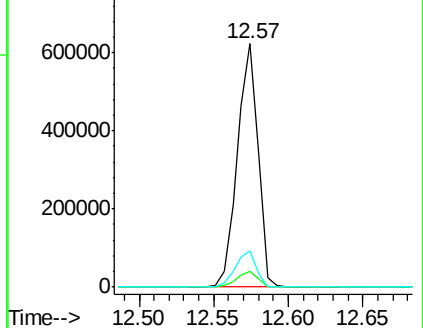
122 14.9 10.3 15.5

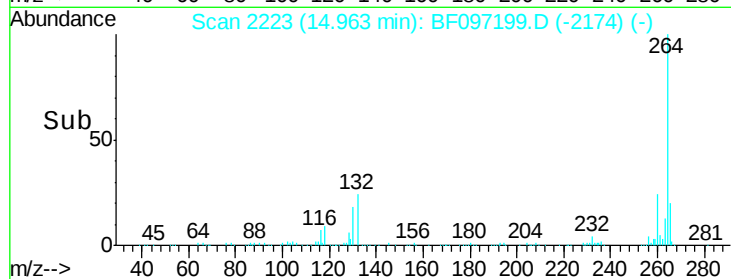
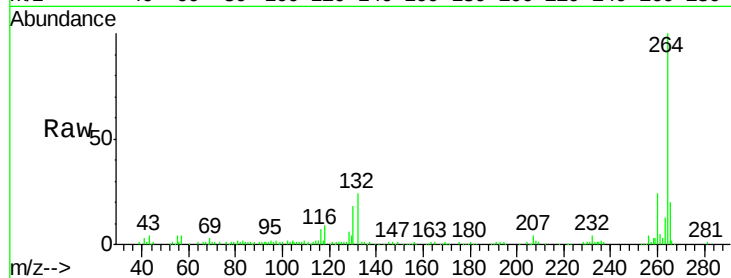
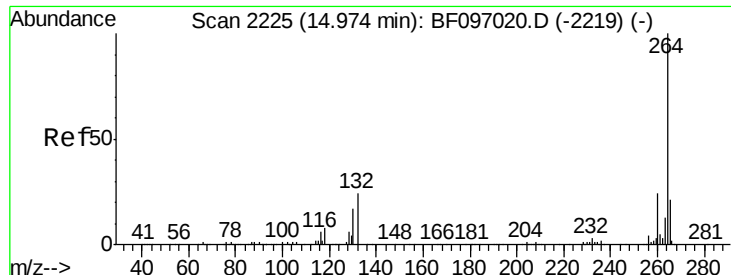


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-ARE

Tot Ion:	264	Resp:	120489
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	20.3	17.2	25.8

