

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097127.D
 Acq On : 27 Jul 2017 17:24
 Operator : SJ/JU
 Sample : PB101003BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 28 00:42:26 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

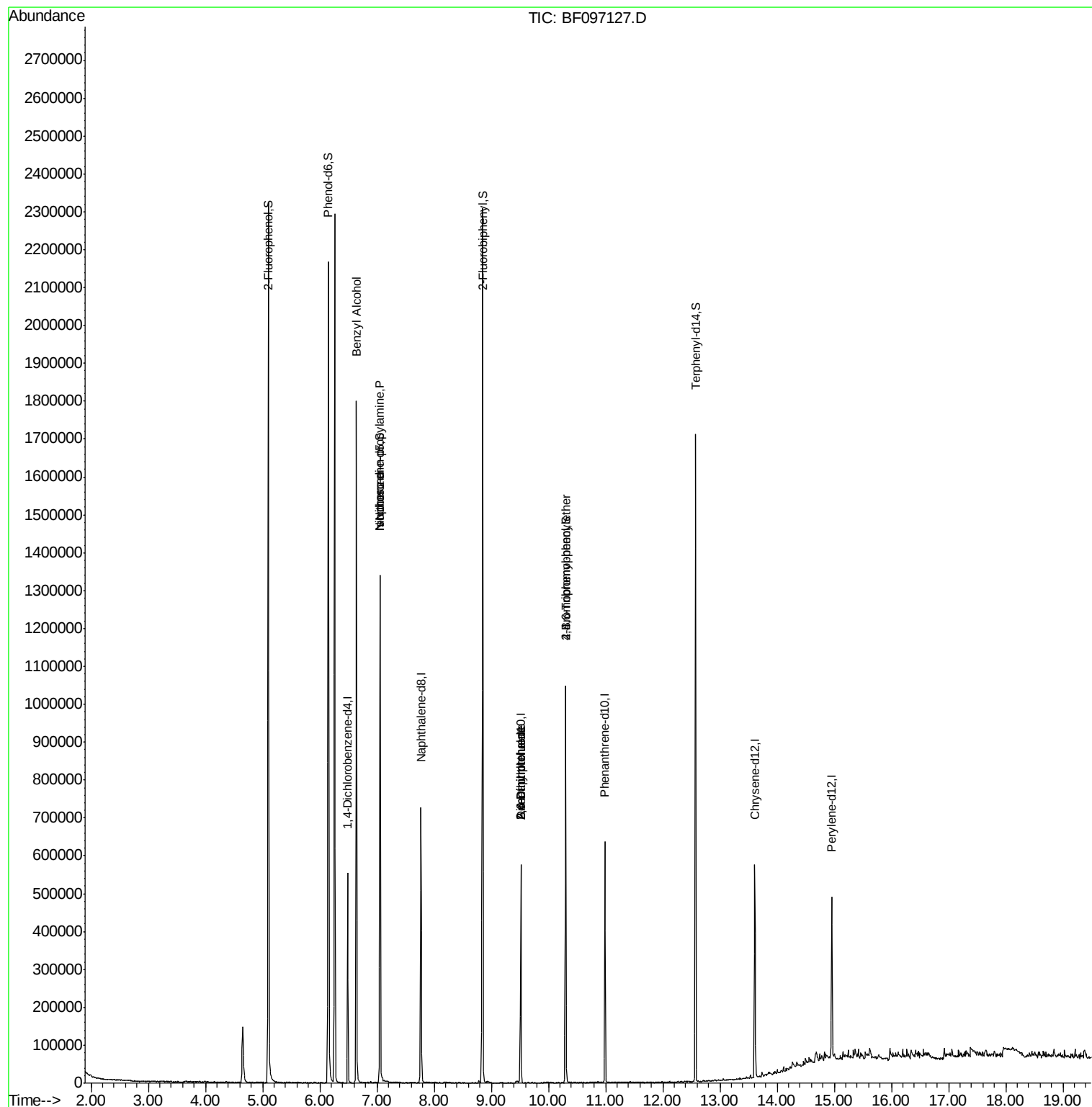
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	80312	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	344883	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	120591	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	213510	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	182503	20.00	ng	-0.02
86) Perylene-d12	14.96	264	159334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	689067	129.34	ng	0.00
7) Phenol-d6	6.15	99	803307	132.08	ng	-0.02
23) Nitrobenzene-d5	7.05	82	460689	78.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	116505	122.28	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	793752	111.71	ng	-0.02
78) Terphenyl-d14	12.57	244	512942	57.30	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.64	79	8018	2.08	ng	# 40
19) n-Nitroso-di-n-propylamine	7.05	70	61507	15.36	ng	# 87
25) Isophorone	7.05	82	451707	39.23	ng	# 67
49) Dimethylphthalate	9.52	163	36643	4.00	ng	# 1
50) 2,6-Dinitrotoluene	9.52	165	15059	7.75	ng	# 31
56) 2,4-Dinitrotoluene	9.52	165	15059	6.74	ng	# 31
66) 4-Bromophenyl-phenylether	10.30	248	7541	3.54	ng	# 1

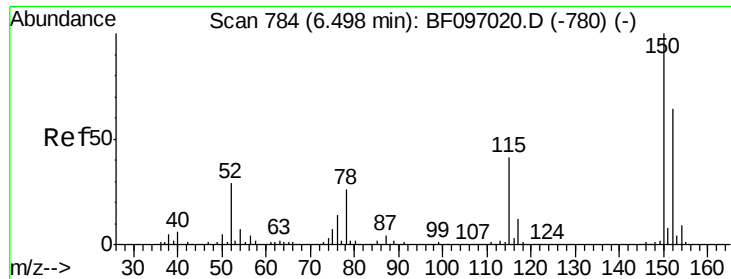
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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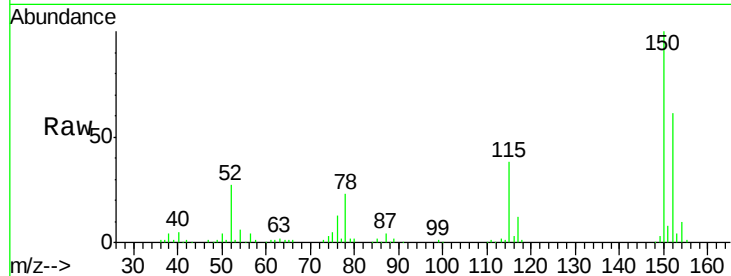


#1

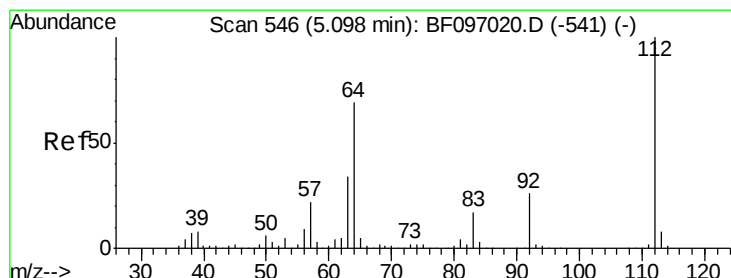
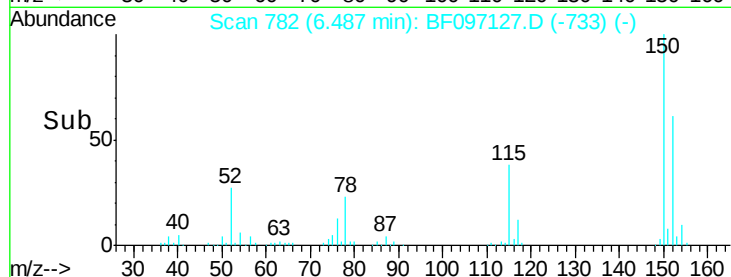
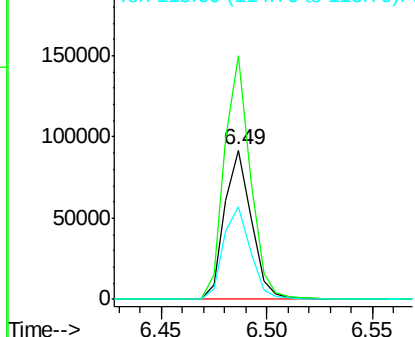
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80312
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 62.3 52.2 78.2



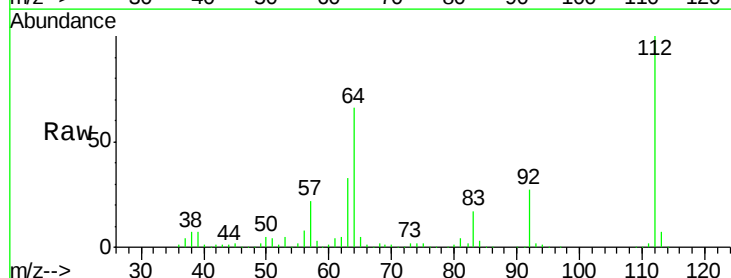
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



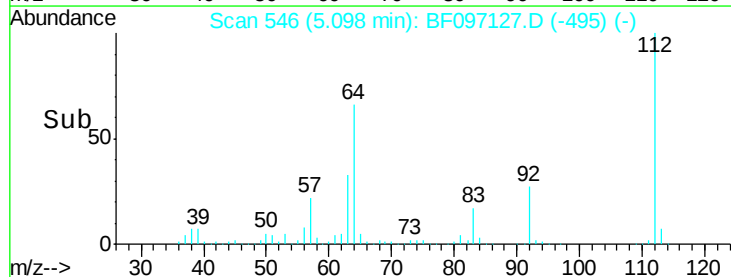
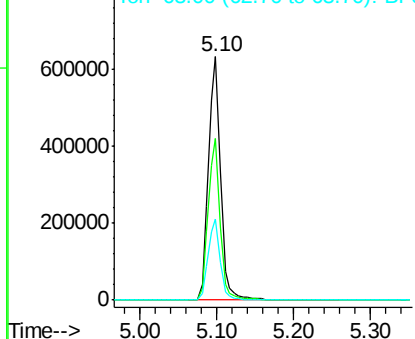
#5

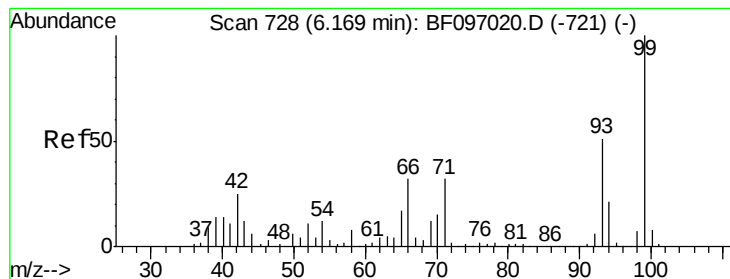
2-Fluorophenol
Concen: 129.34 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Tgt Ion:112 Resp: 689067
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 33.3 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: 132.08 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

Instrument :

BNA_F

ClientSampled :

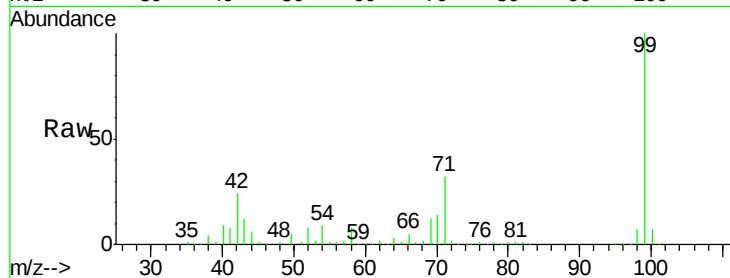
Tot Ion: 99 Resp: 803307

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

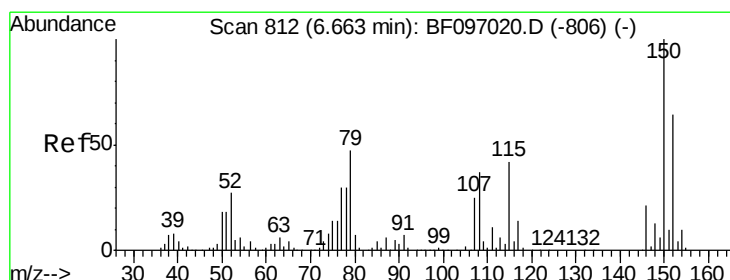
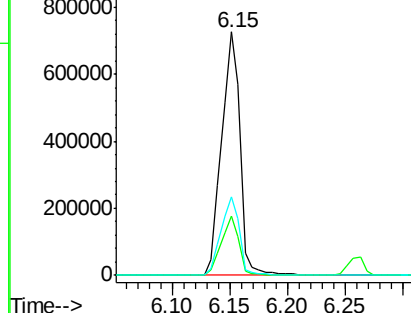
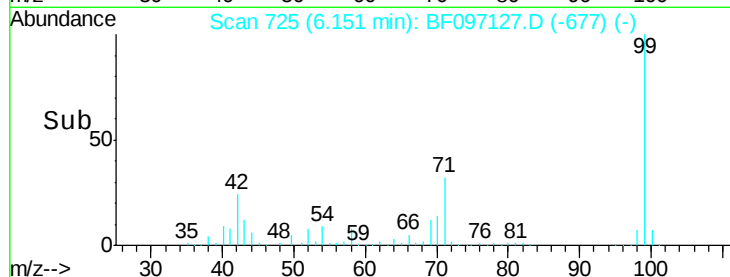
71 32.4 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

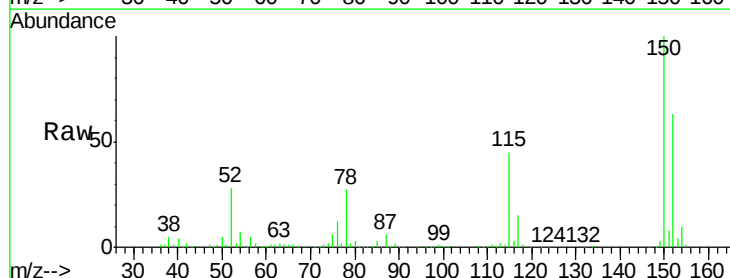
Tgt Ion: 79 Resp: 8018

Ion Ratio Lower Upper

79 100

108 26.5 63.4 95.0#

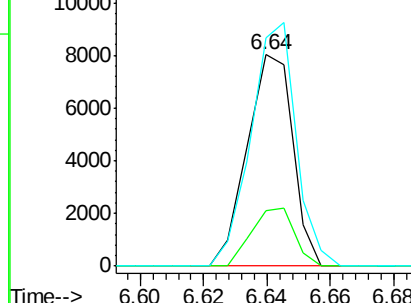
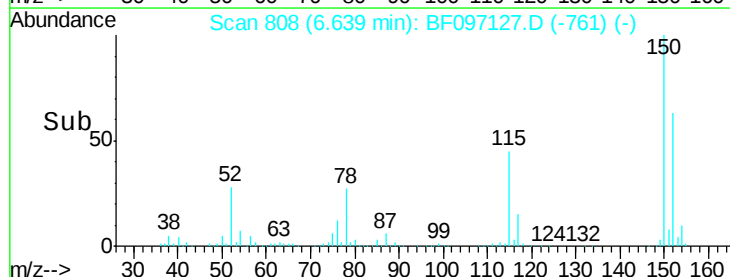
77 107.8 49.2 73.8#

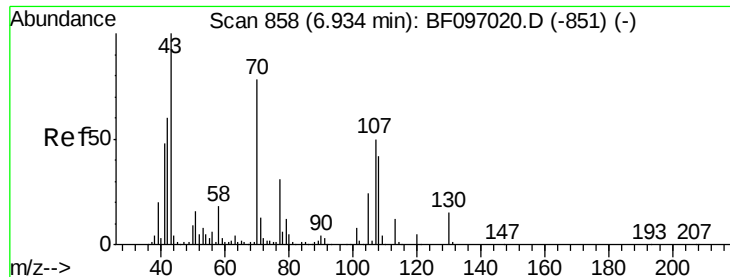


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

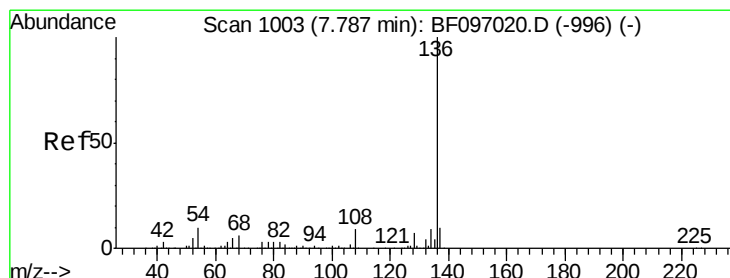
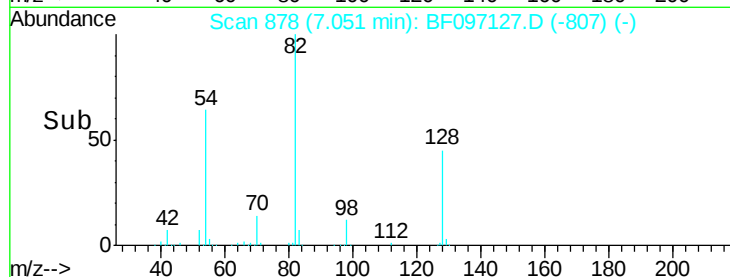
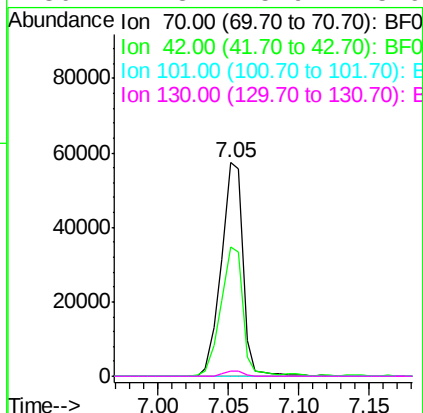
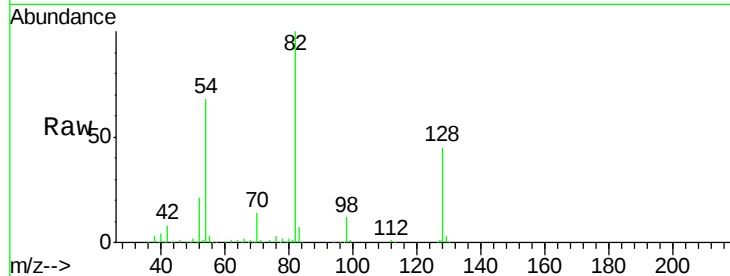




#19
n-Nitroso-di-n-propylamine
Concen: 15.36 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

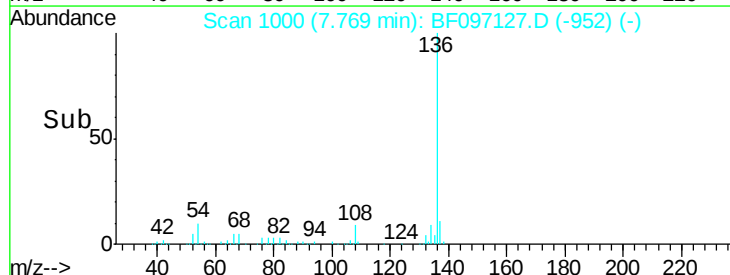
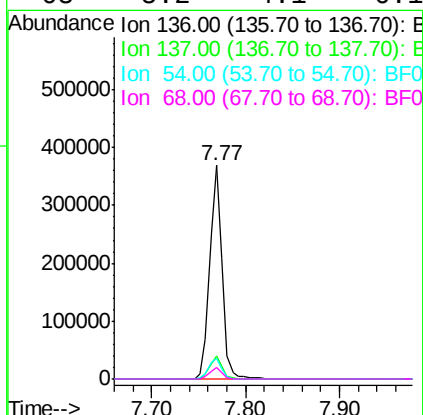
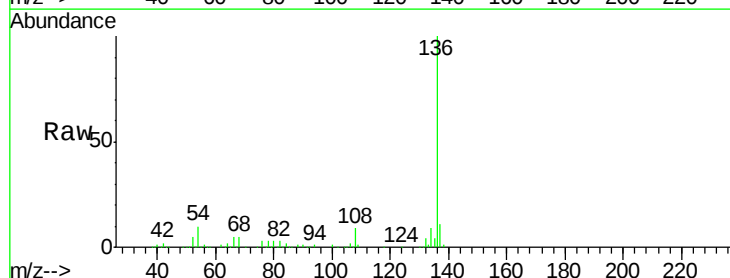
Instrument :
BNA_F
ClientSampleId :

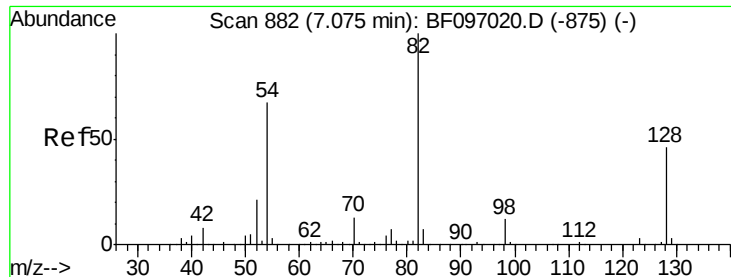
Tot Ion: 70 Resp: 61507
Ion Ratio Lower Upper
70 100
42 60.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Tgt Ion:136 Resp: 344883
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.6 4.9 7.3#
68 5.2 4.1 6.1

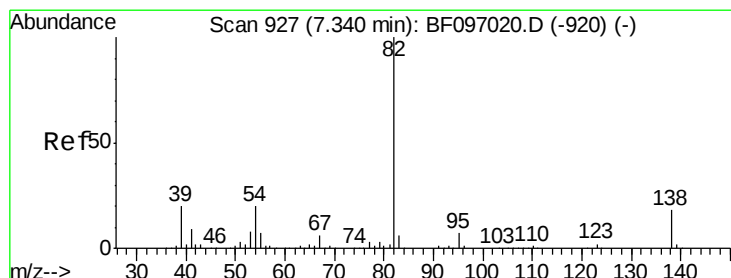
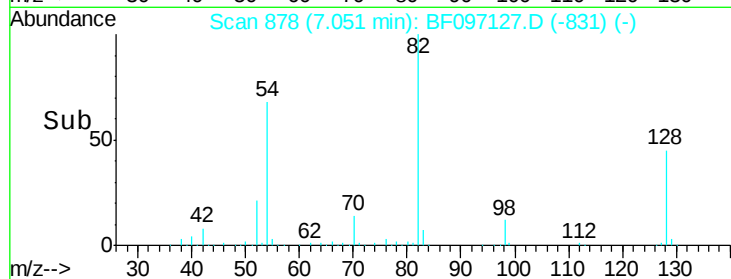
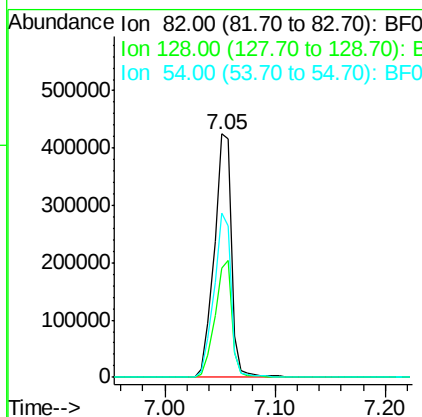
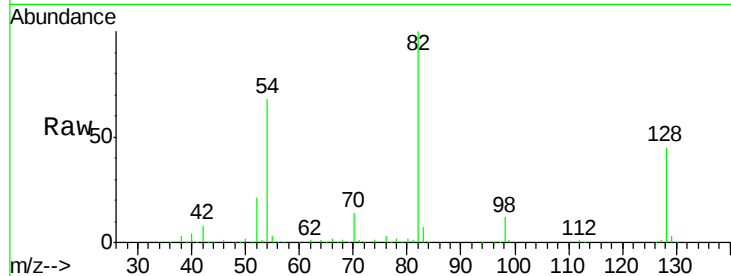




#23
 Nitrobenzene-d5
 Concen: 78.36 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

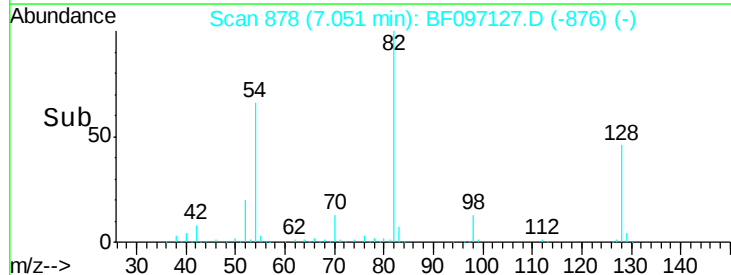
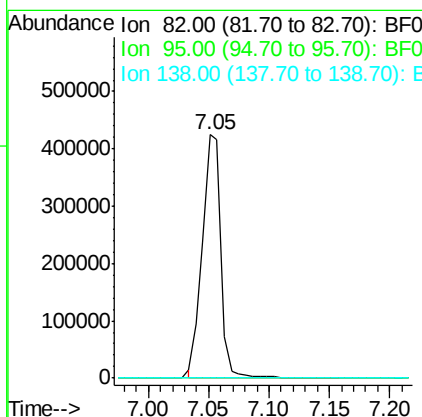
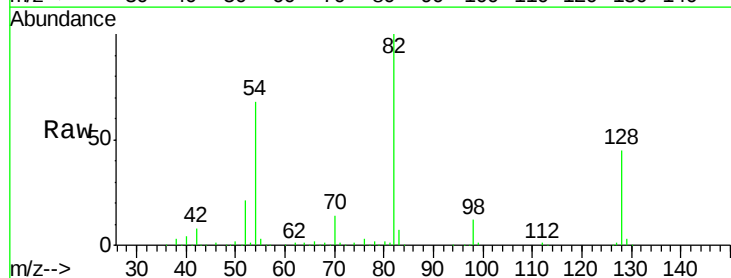
Instrument :
 BNA_F
 ClientSampleId :

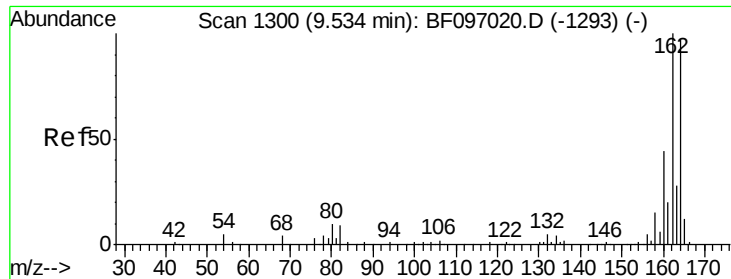
Tot Ion: 82 Resp: 460689
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 67.7 42.2 63.2#



#25
 Isophorone
 Concen: 39.23 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.29 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Tgt Ion: 82 Resp: 451707
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

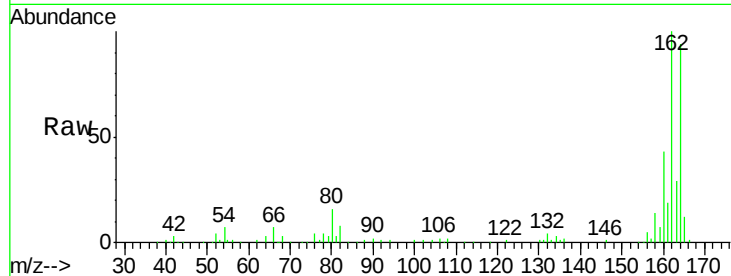




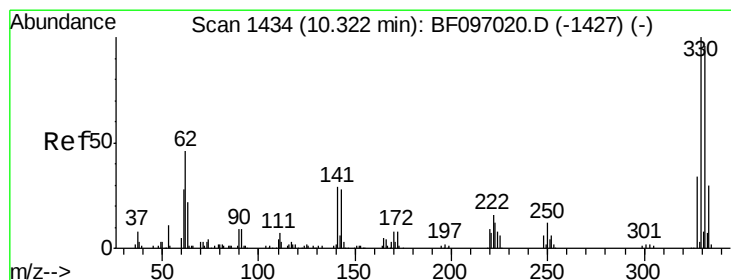
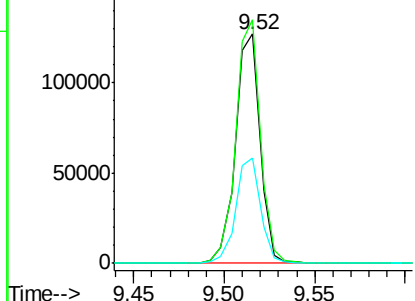
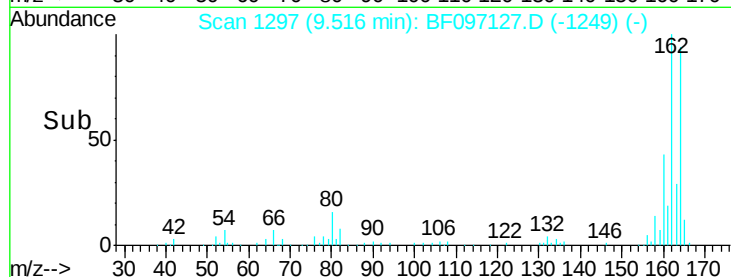
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 120591
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.6 123.8
 160 45.8 36.2 54.2

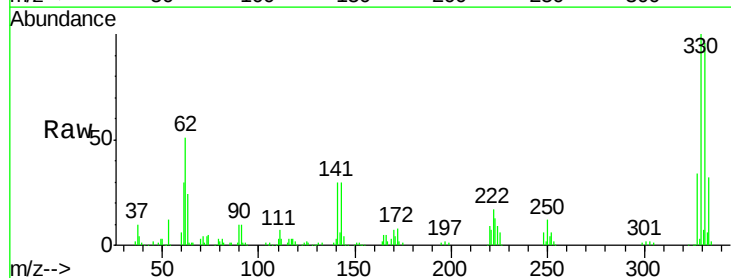


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

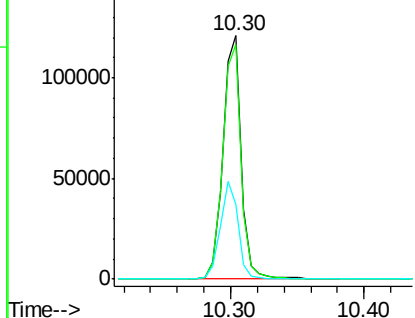
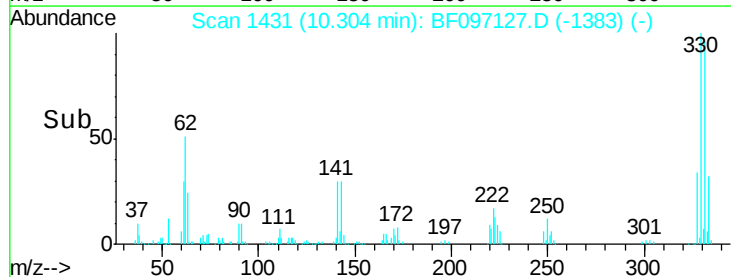


#41
 2,4,6-Tribromophenol
 Concen: 122.28 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Tgt Ion:330 Resp: 116505
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.4 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

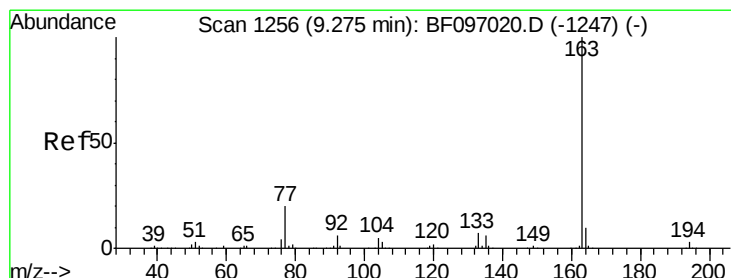
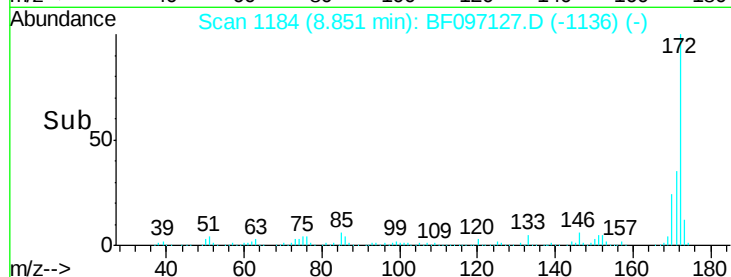
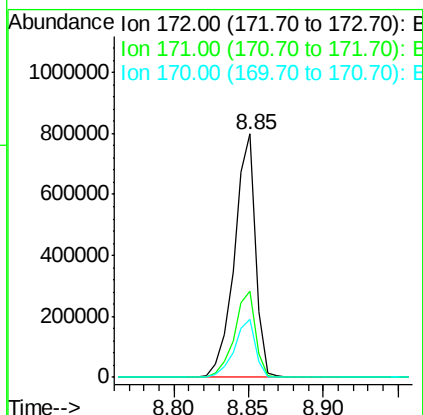
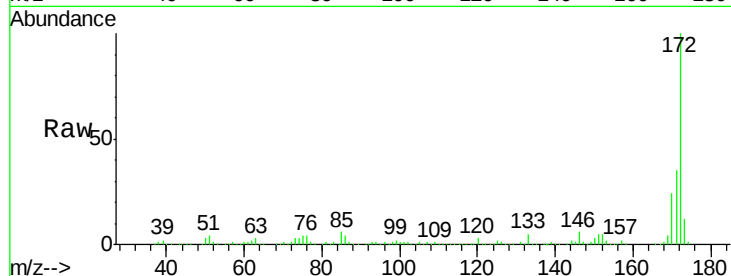




#44
2-Fluorobiphenyl
Concen: 111.71 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

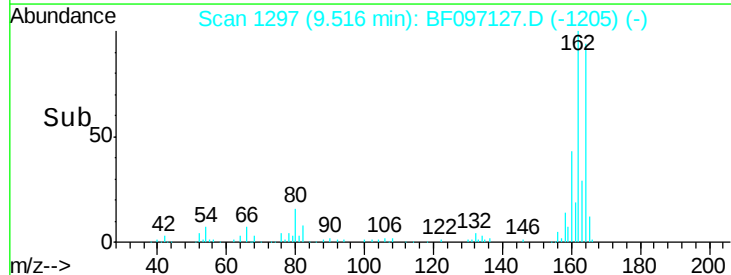
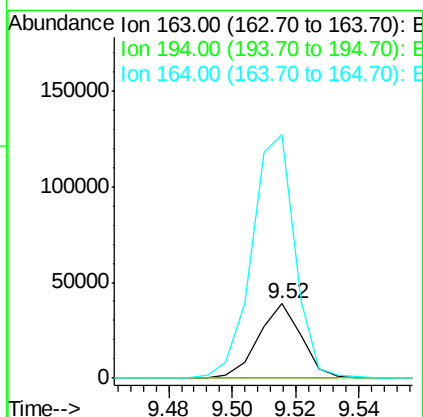
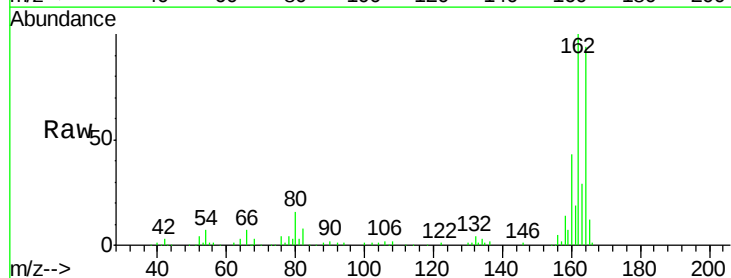
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ClientSampleId :

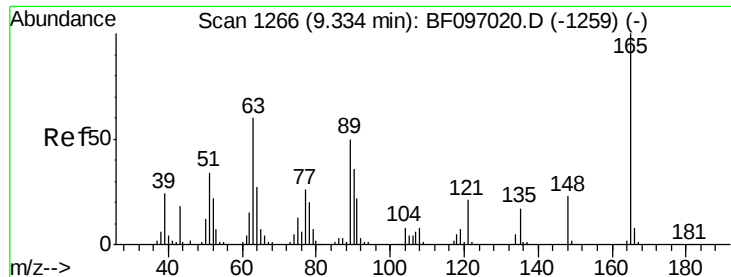
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	19.8	29.8



#49
Dimethylphthalate
Concen: 4.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.24 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	327.4	8.4	12.6#

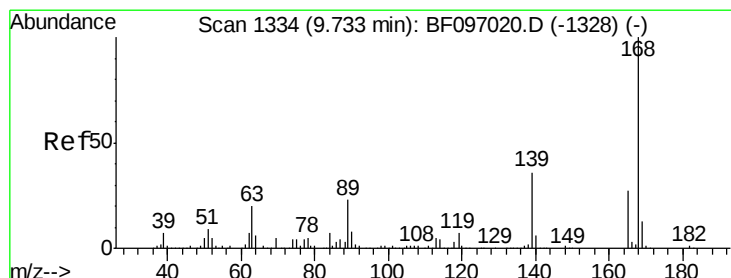
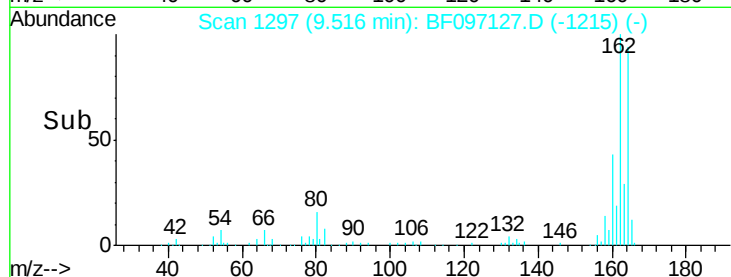
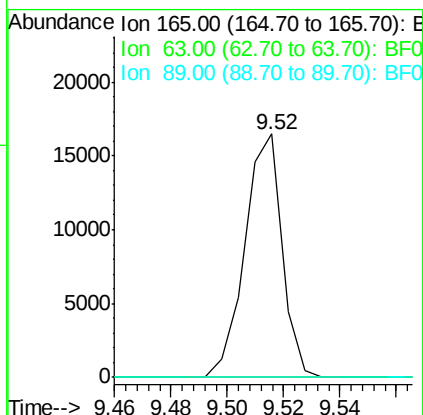
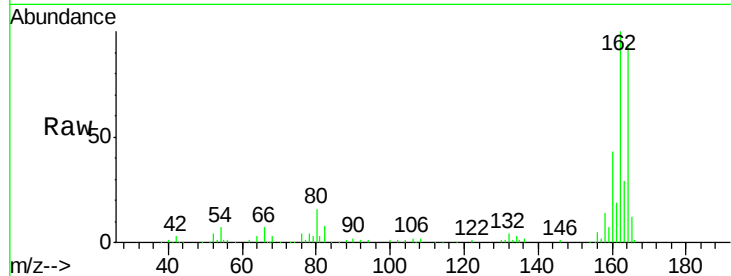




#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.18 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

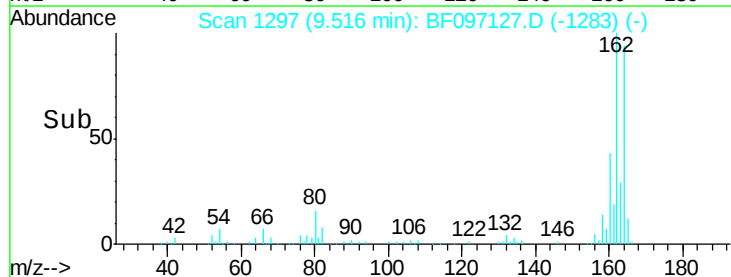
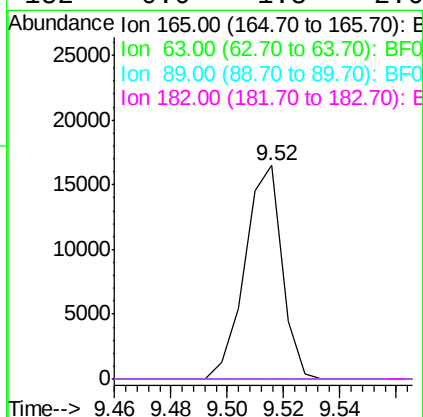
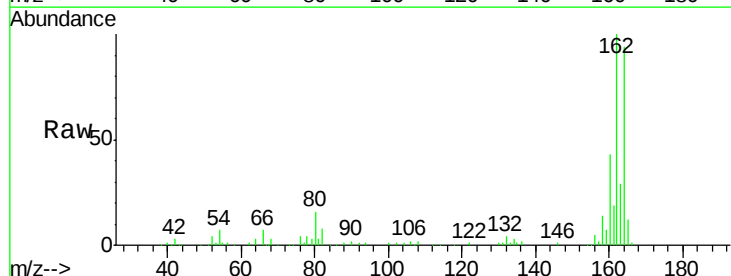
Instrument :
 BNA_F
 ClientSampleId :

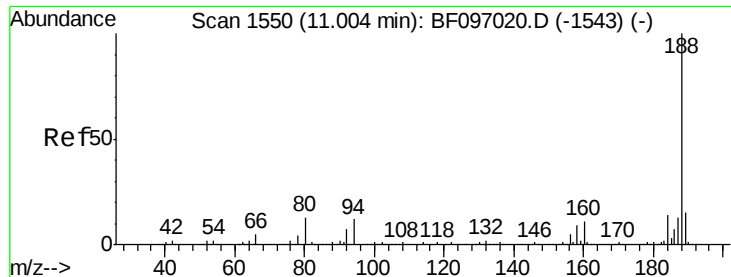
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

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

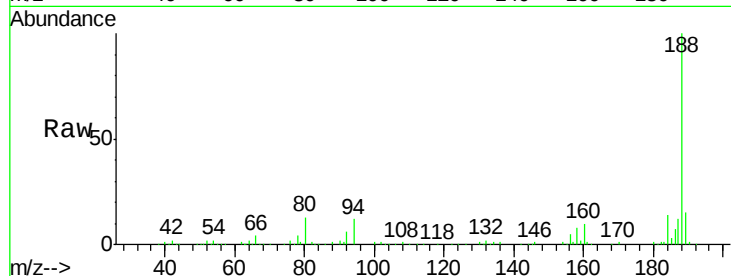




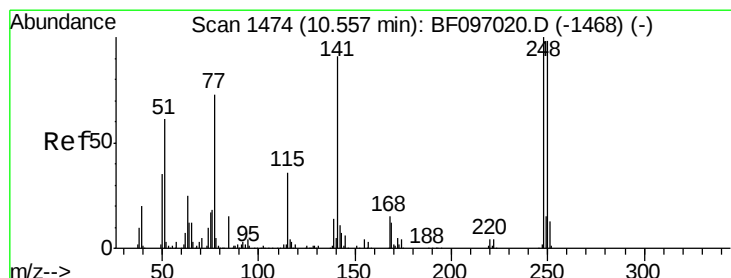
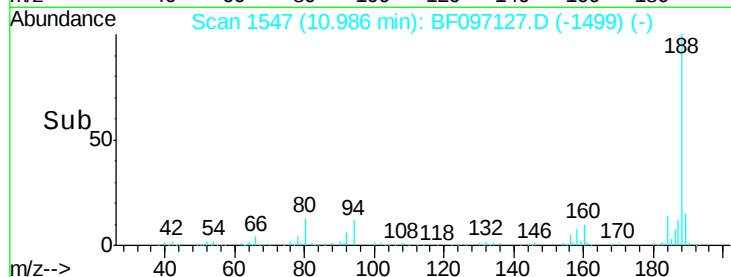
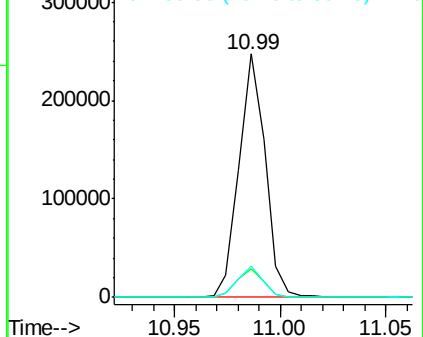
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 213510
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.8 10.2 15.2

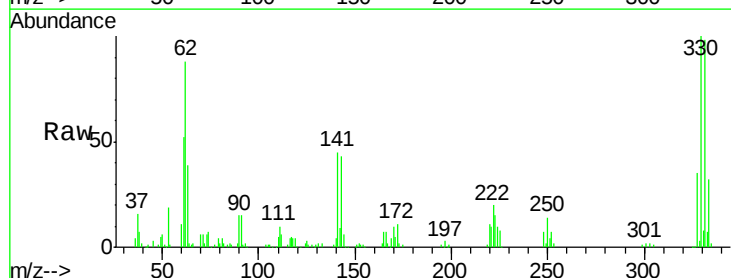


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

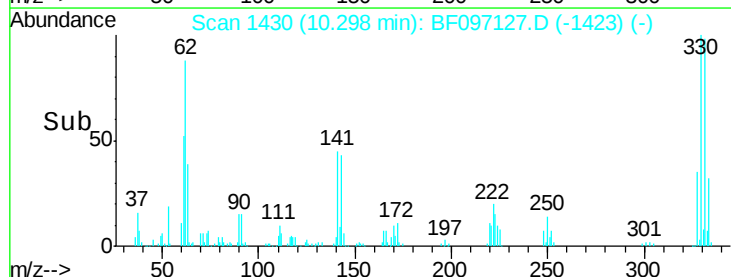
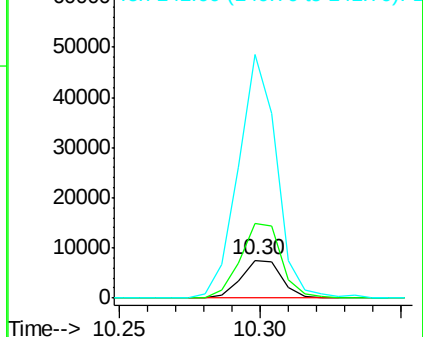


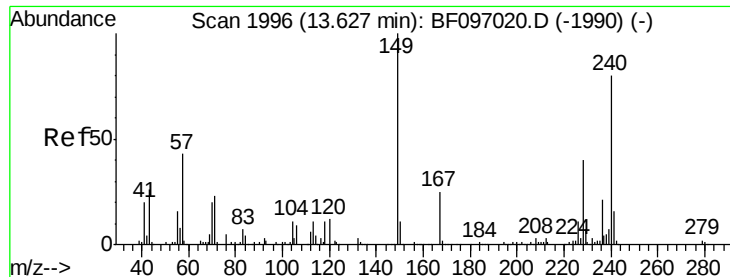
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Tgt Ion:248 Resp: 7541
Ion Ratio Lower Upper
248 100
250 198.2 76.8 115.2#
141 641.6 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: BF097127.D

Acq: 27 Jul 2017 17:24

Instrument :

BNA_F

ClientSampleId :

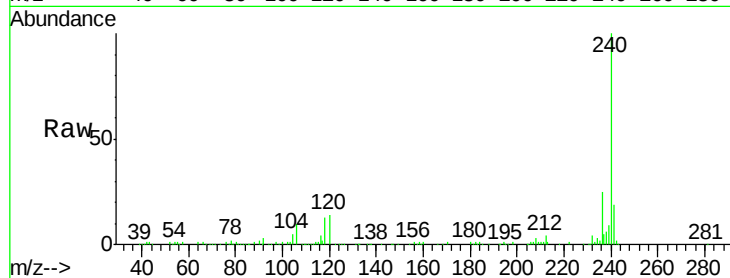
Tot Ion:240 Resp: 182503

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

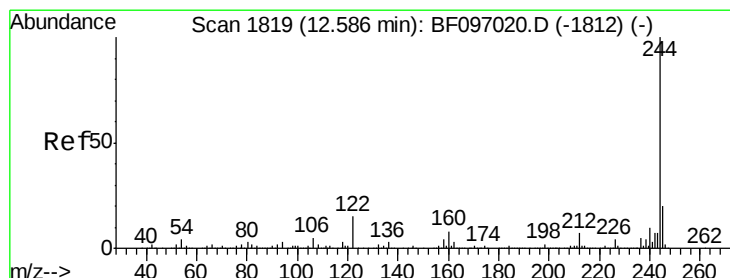
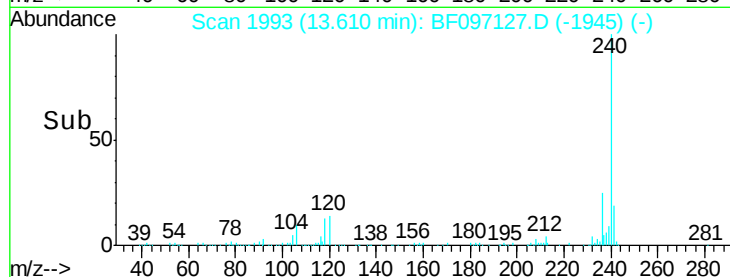
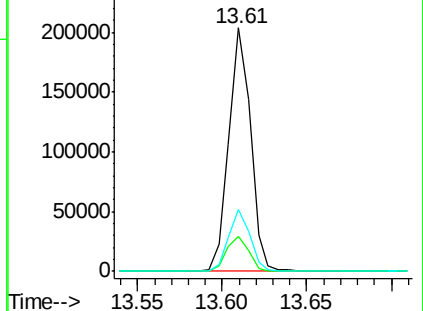
236 25.4 20.5 30.7



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: 57.30 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

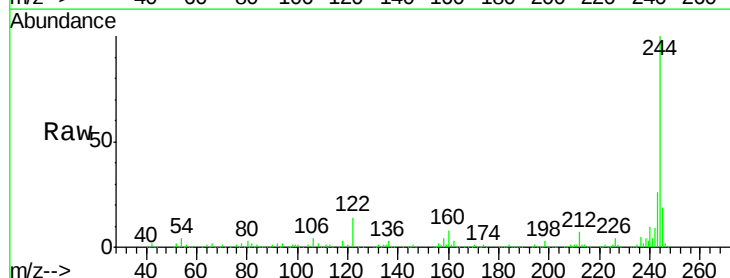
Tgt Ion:244 Resp: 512942

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

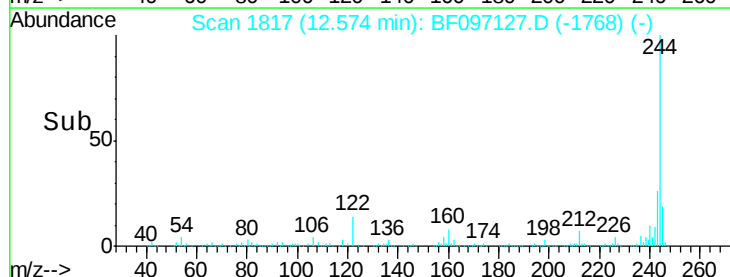
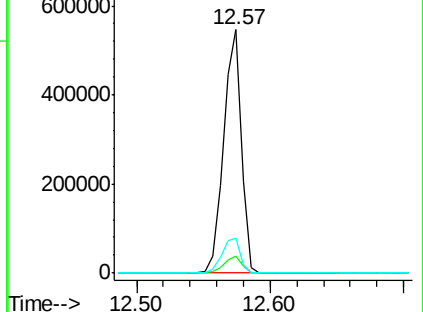
122 14.2 10.3 15.5

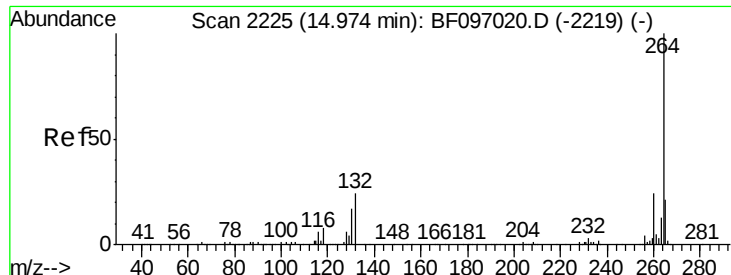


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

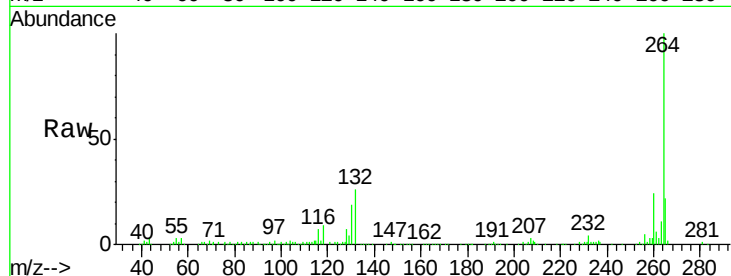




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

