

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097499.D
 Acq On : 9 Aug 2017 5:34
 Operator : SJ/JU
 Sample : I4604-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:00:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

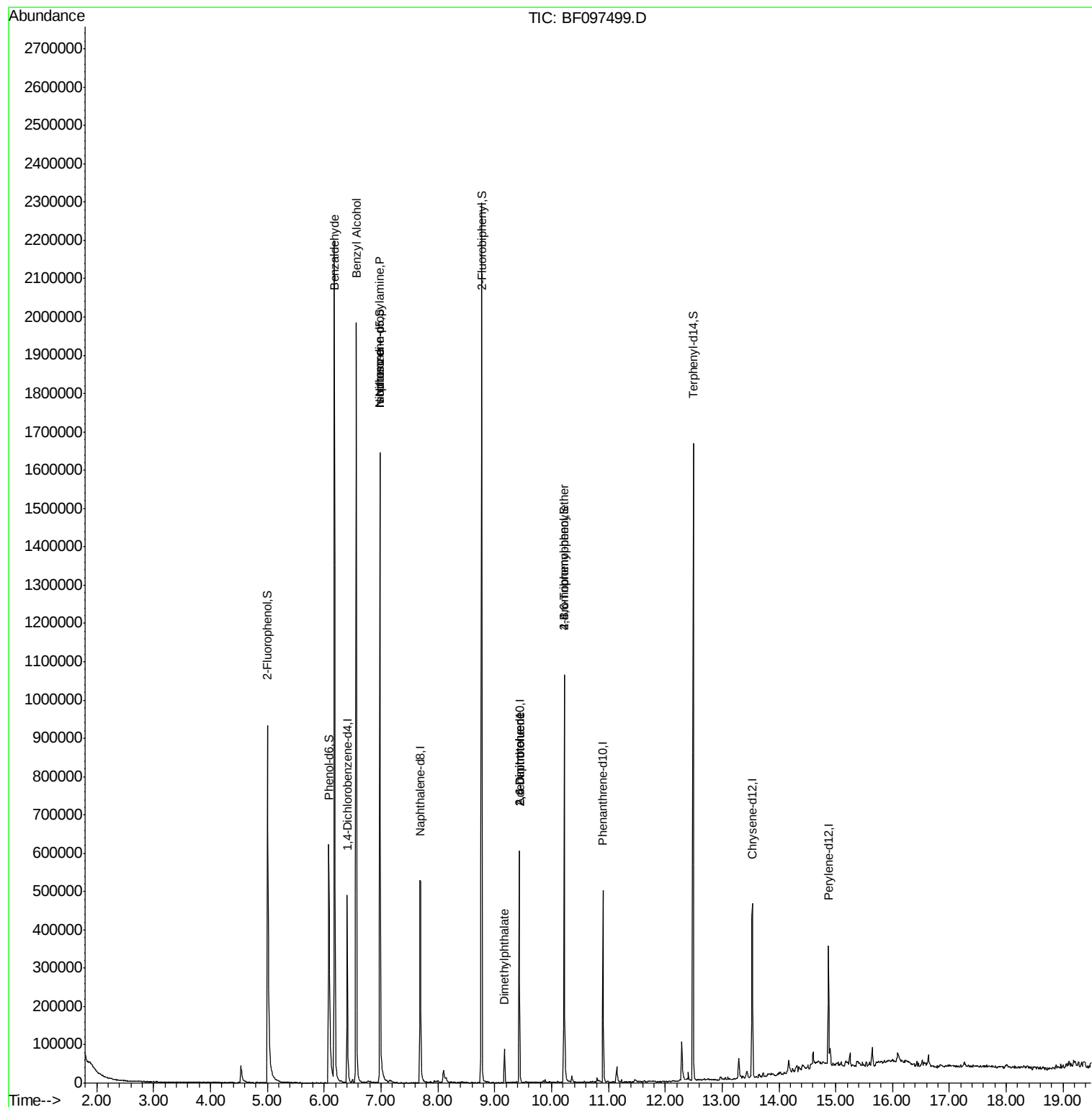
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	78891	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	287211	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	115152	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	181630	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	159574	20.00	ng	0.00
86) Perylene-d12	14.87	264	120441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	381791	72.95	ng	0.00
7) Phenol-d6	6.08	99	288754	48.33	ng	0.00
23) Nitrobenzene-d5	6.98	82	513993	104.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	119992	131.89	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	701985	103.46	ng	0.00
78) Terphenyl-d14	12.49	244	544771	69.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.18	77	12660	3.58	ng	# 76
15) Benzyl Alcohol	6.56	79	8302	2.19	ng	# 35
19) n-Nitroso-di-n-propylamine	6.98	70	69043	17.56	ng	# 87
25) Isophorone	6.98	82	513990	53.61	ng	# 67
49) Dimethylphthalate	9.17	163	37884	4.33	ng	97
50) 2,6-Dinitrotoluene	9.43	165	14126	7.62	ng	# 31
56) 2,4-Dinitrotoluene	9.43	165	14126	6.63	ng	# 31
66) 4-Bromophenyl-phenylether	10.22	248	7213	3.98	ng	# 1

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

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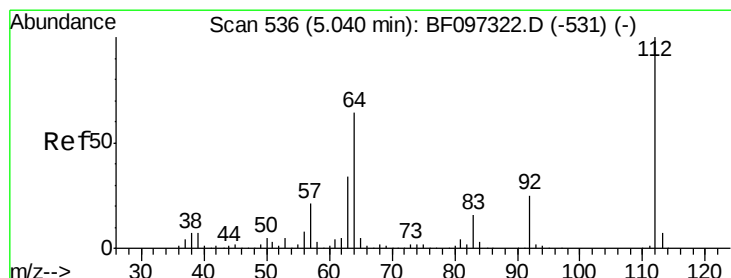
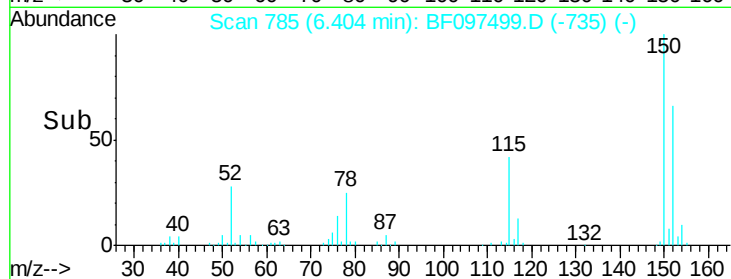
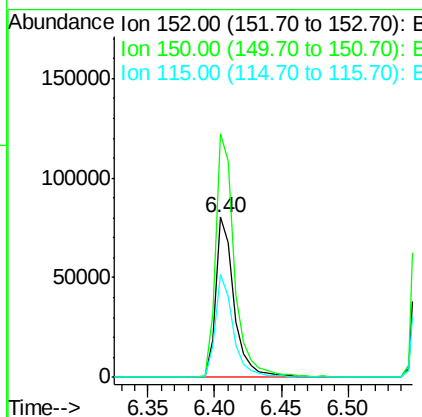
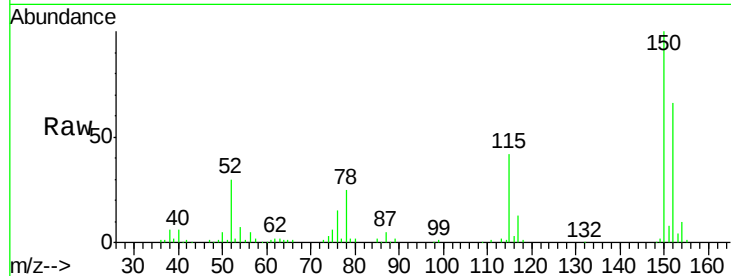


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Instrument :
 BNA_F
 ClientSampleId :

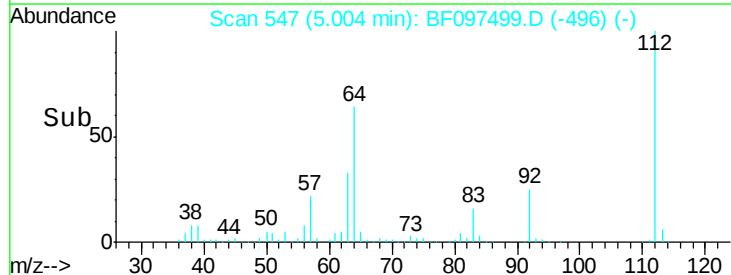
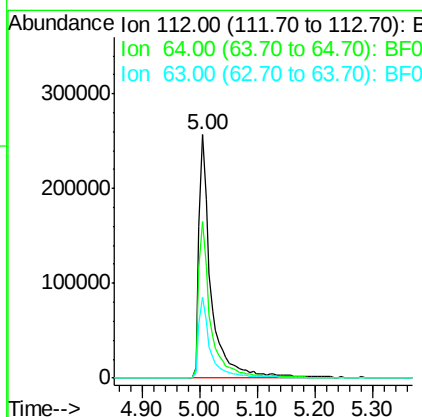
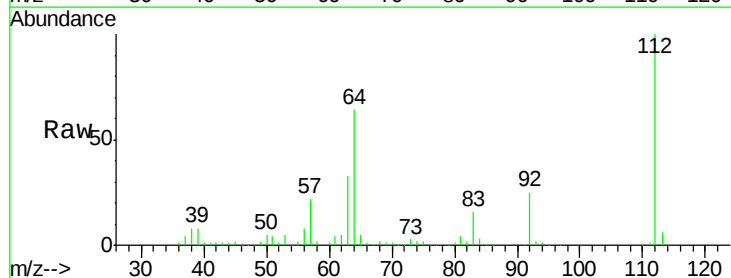
Tot Ion:152 Resp: 78891
 Ion Ratio Lower Upper
 152 100
 150 151.9 126.2 189.2
 115 63.8 52.2 78.2

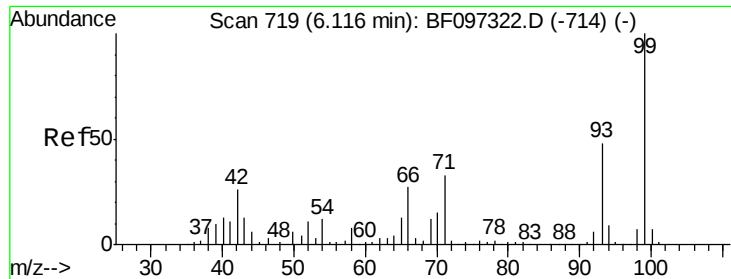


#5

2-Fluorophenol
 Concen: 72.95 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Tgt Ion:112 Resp: 381791
 Ion Ratio Lower Upper
 112 100
 64 64.5 46.0 69.0
 63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 48.33 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097499.D

Acq: 9 Aug 2017 5:34

Instrument :

BNA_F

ClientSampled :

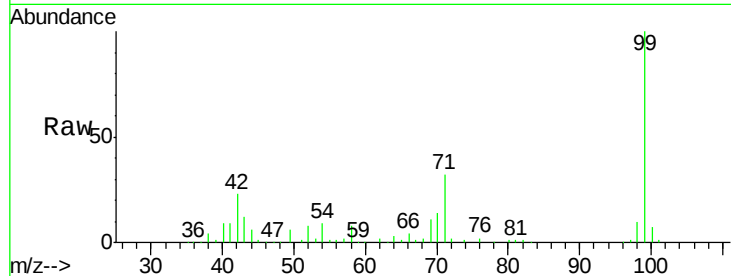
Tot Ion: 99 Resp: 288754

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

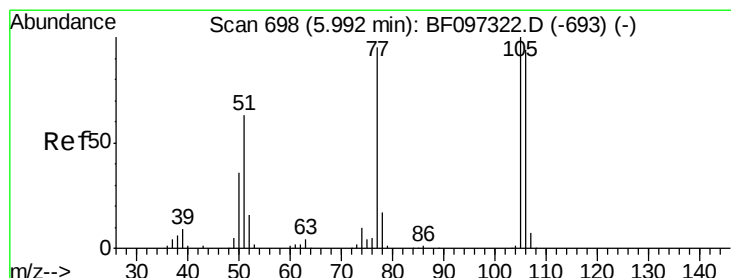
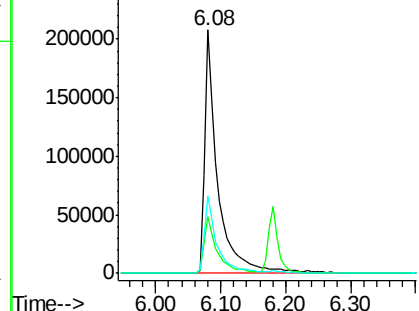
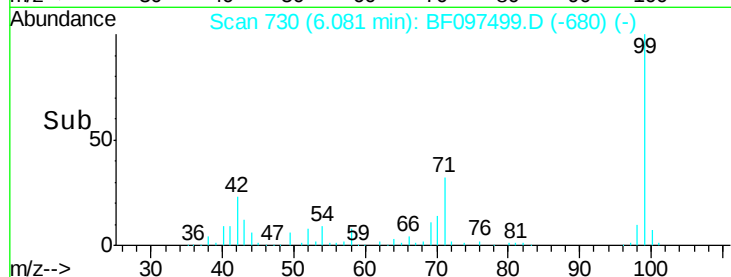
71 31.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.58 ng

RT: 6.18 min Scan# 747

Delta R.T. 0.22 min

Lab File: BF097499.D

Acq: 9 Aug 2017 5:34

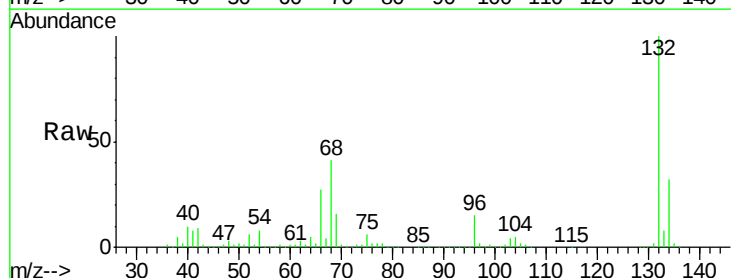
Tgt Ion: 77 Resp: 12660

Ion Ratio Lower Upper

77 100

105 83.9 83.8 123.8

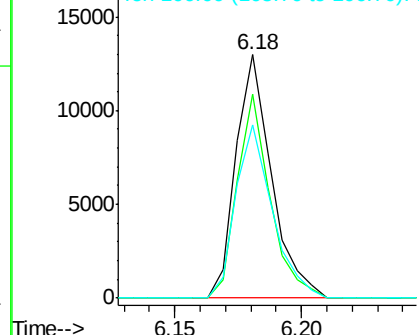
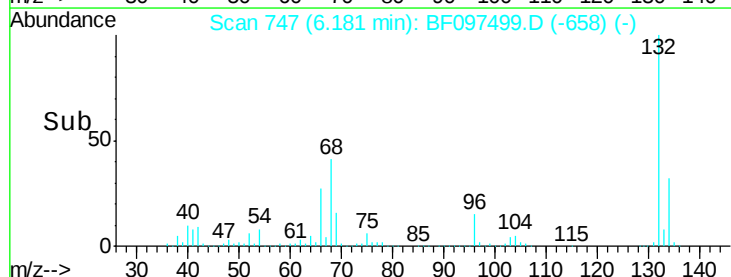
106 71.0 79.1 119.1#

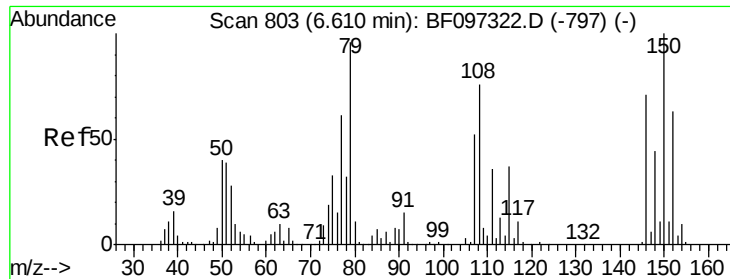


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

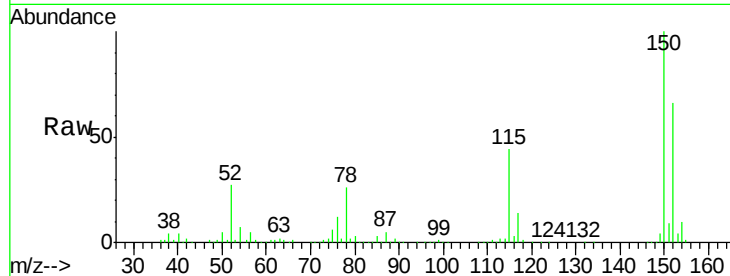




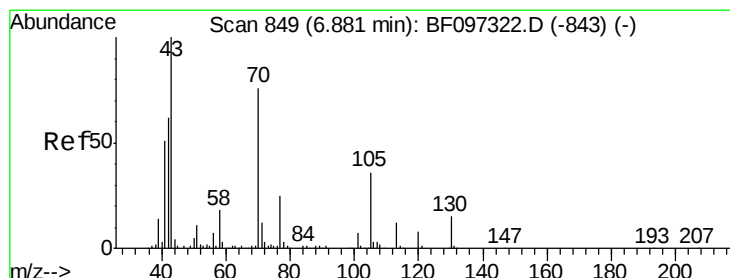
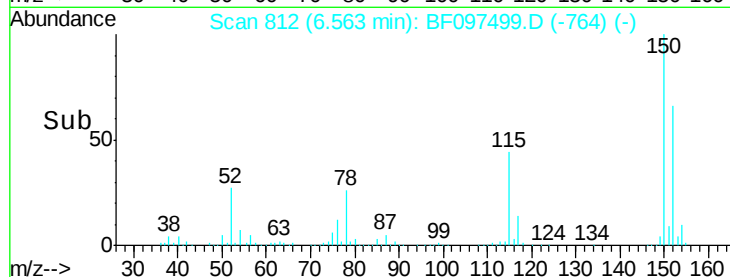
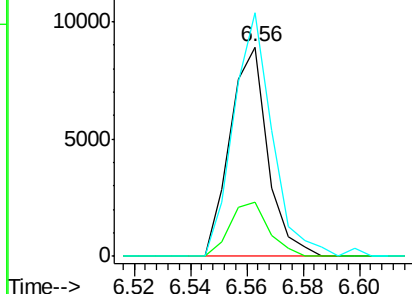
#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.56 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 8302
Ion Ratio Lower Upper
79 100
108 26.0 63.4 95.0#
77 116.1 49.2 73.8#

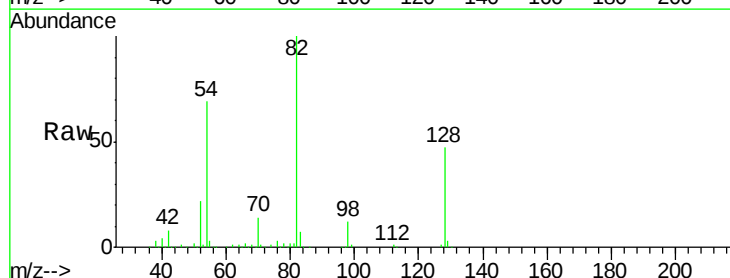


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

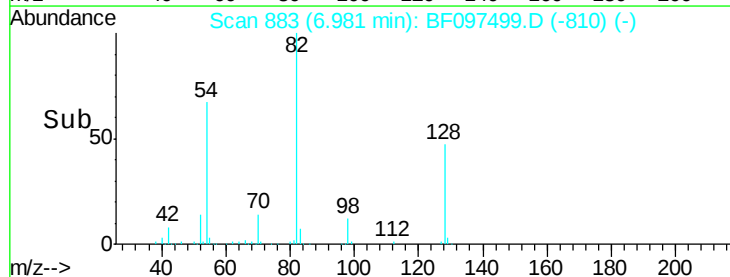
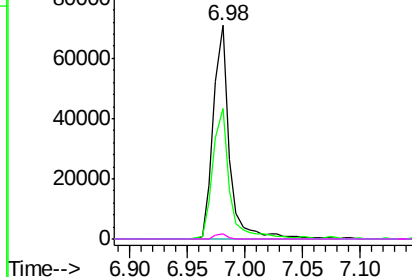


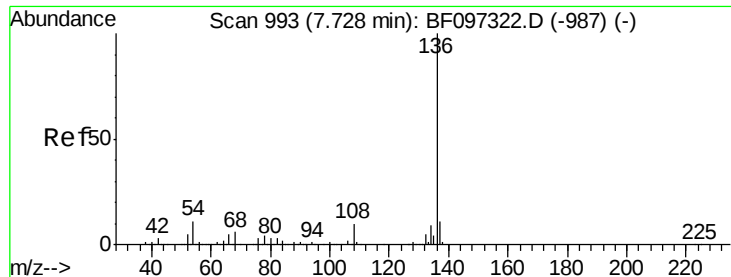
#19
n-Nitroso-di-n-propylamine
Concen: 17.56 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion: 70 Resp: 69043
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 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

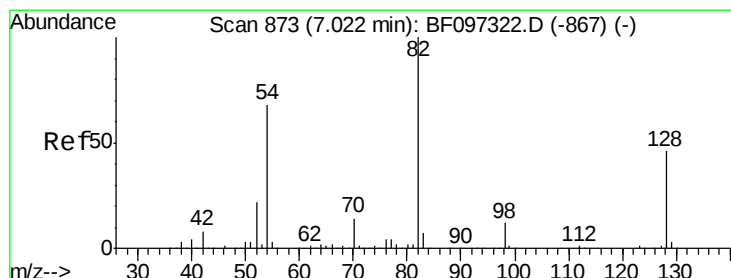
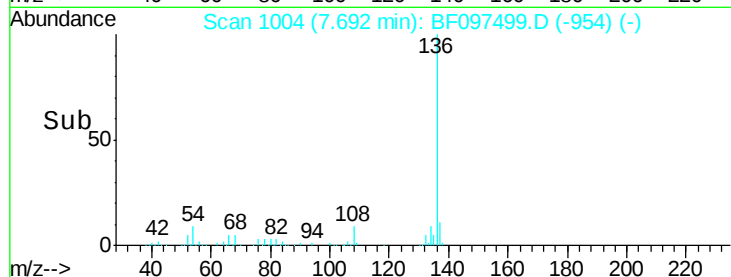
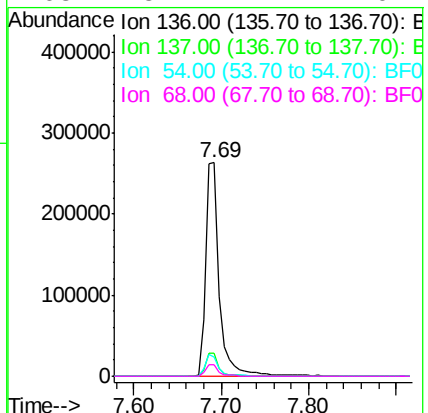
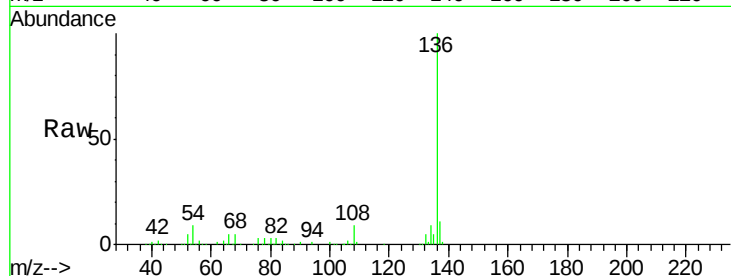




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

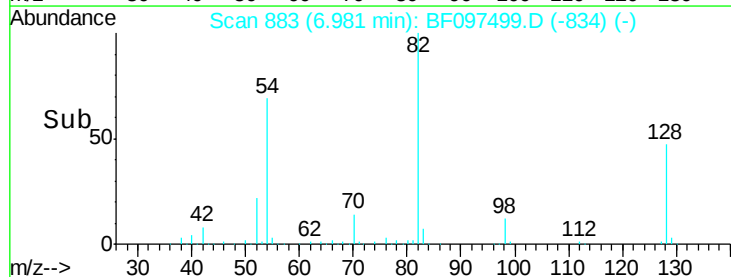
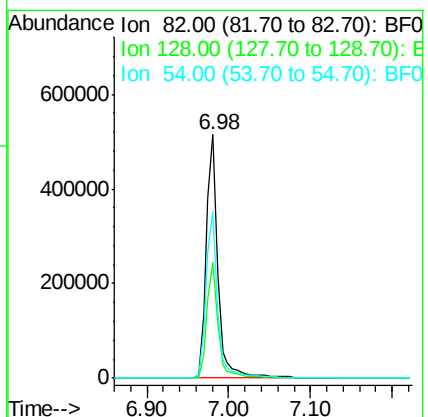
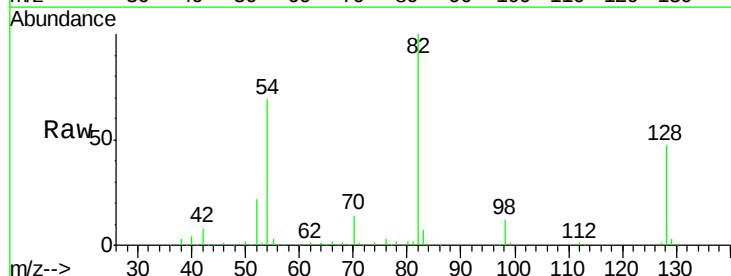
Instrument :
BNA_F
ClientSampleId :

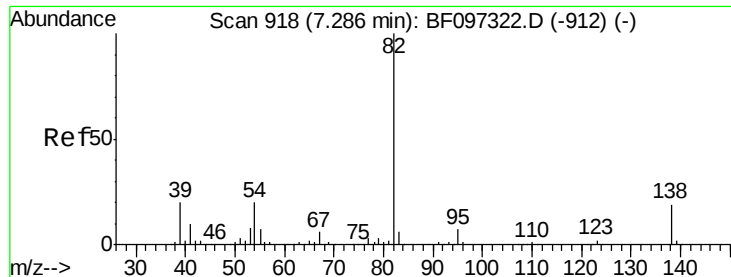
Tot Ion:136	Resp:	287211
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 9.2	4.9	7.3#
68 5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 104.99 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion: 82	Resp:	513993
Ion Ratio	Lower	Upper
82 100		
128 47.2	34.0	51.0
54 68.6	42.2	63.2#

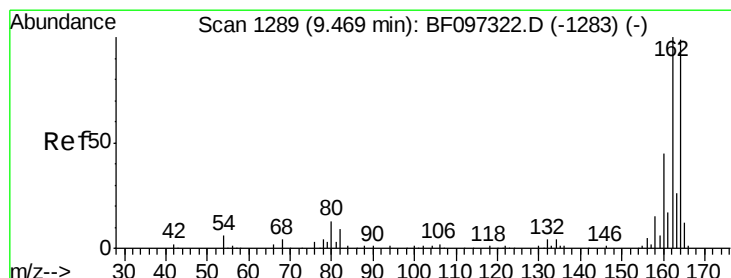
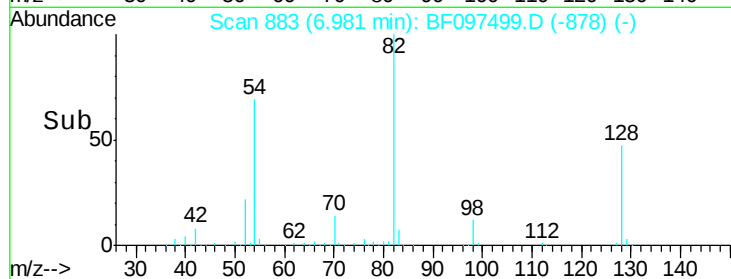
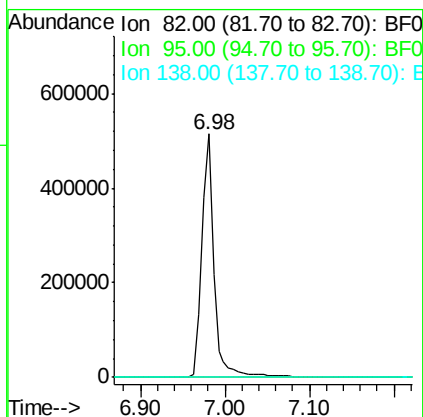
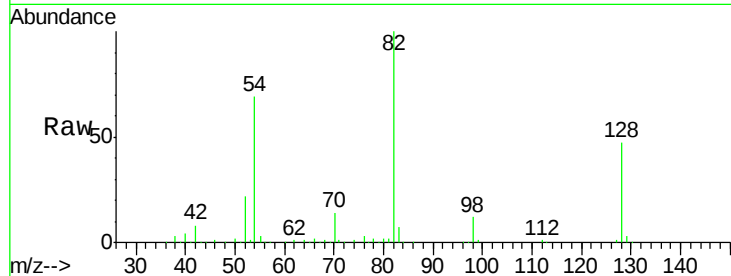




#25
Isophorone
Concen: 53.61 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

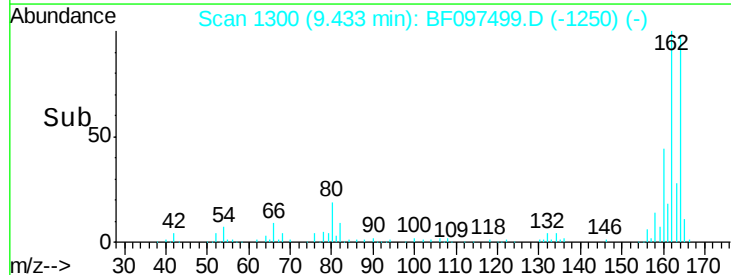
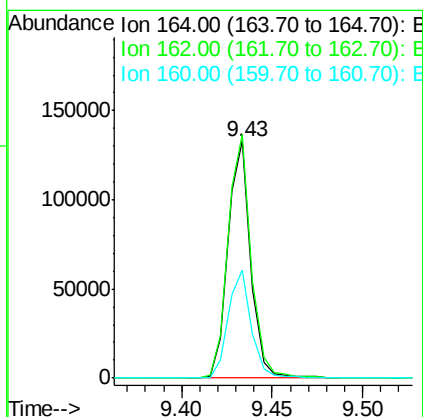
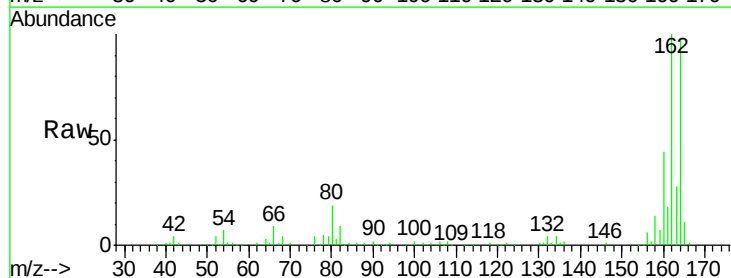
Instrument :
BNA_F
ClientSampleId :

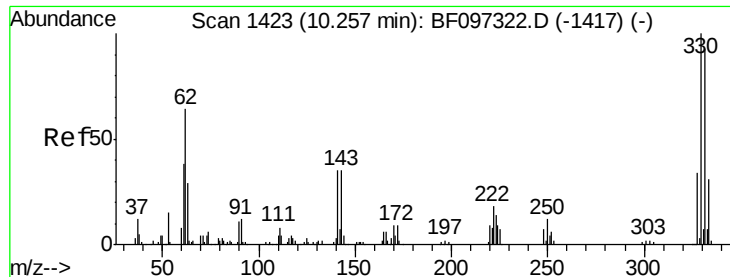
Tot Ion: 82 Resp: 513990
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:164 Resp: 115152
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.4 36.2 54.2

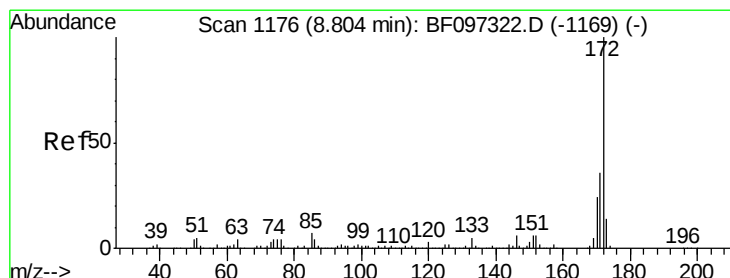
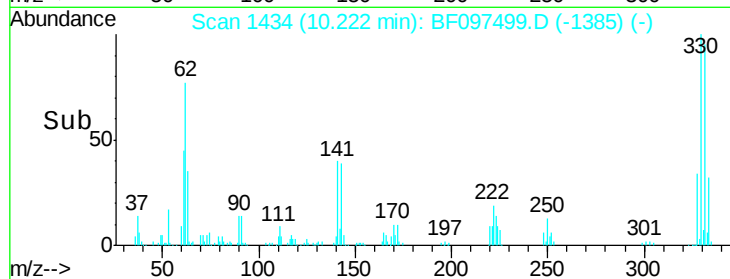
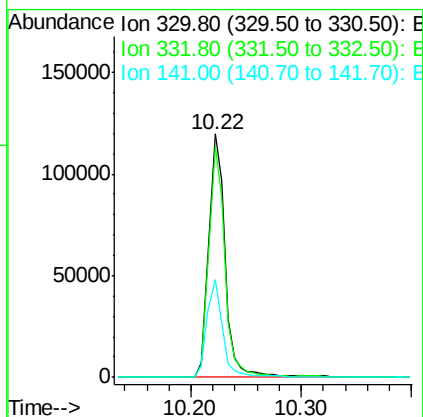
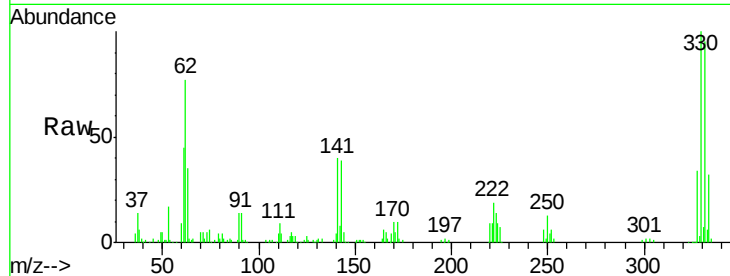




#41
 2,4,6-Tribromophenol
 Concen: 131.89 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

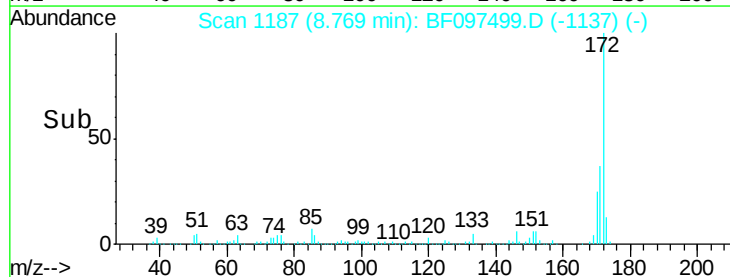
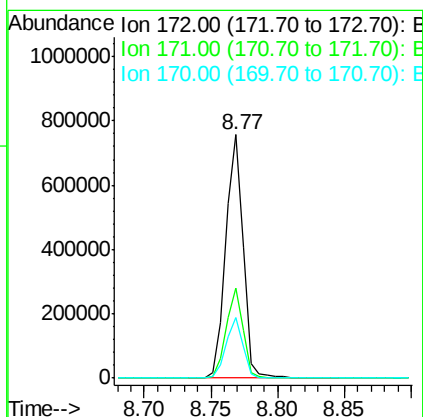
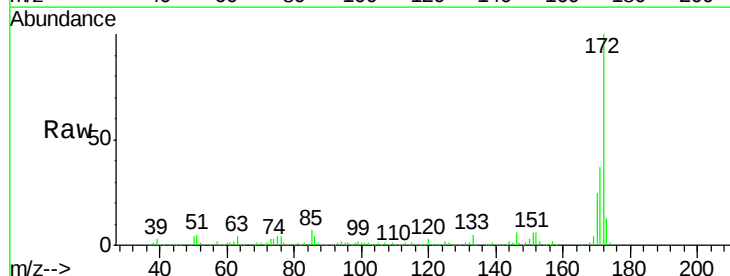
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 ClientSampleId :

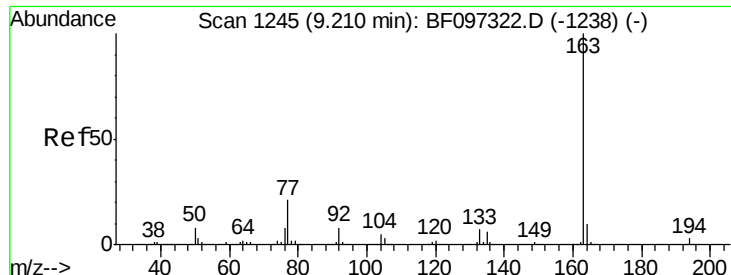
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	115.0
141	38.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 103.46 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	25.1	19.8	29.8

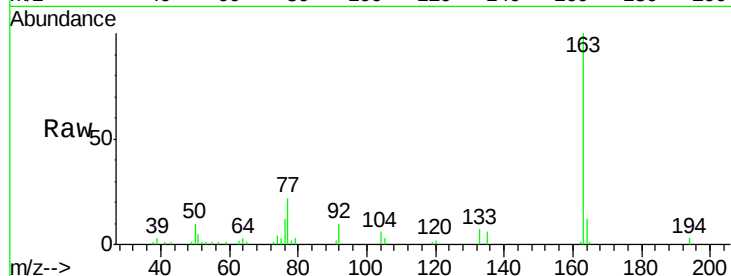




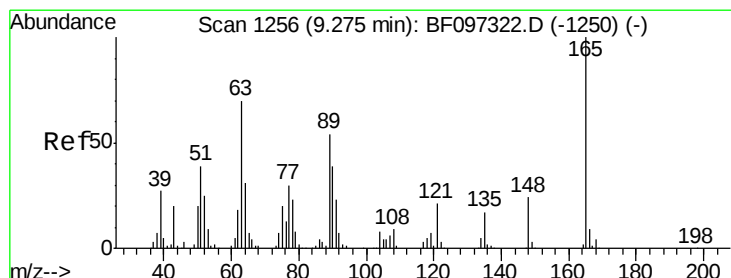
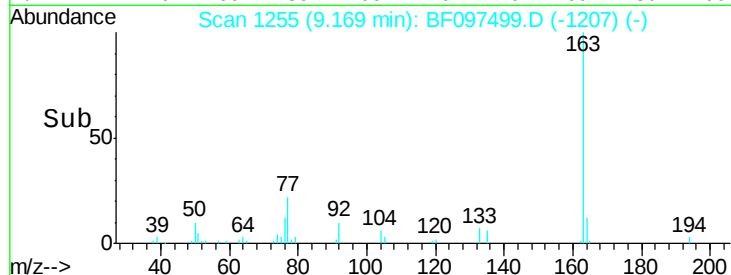
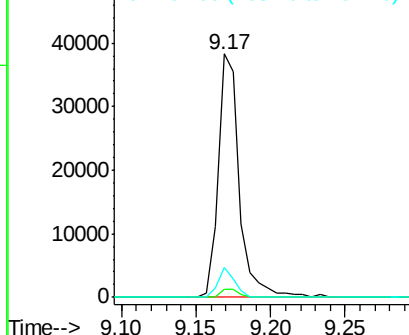
#49
Dimethylphthalate
Concen: 4.33 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 37884
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 12.1 8.4 12.6

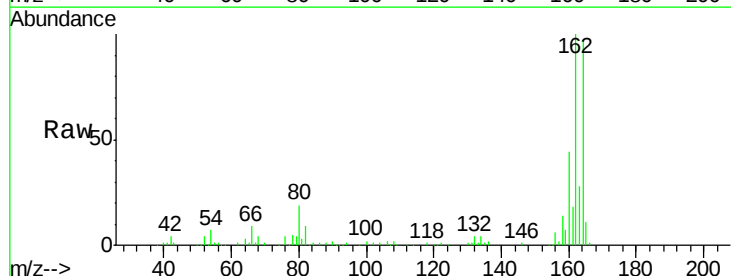


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

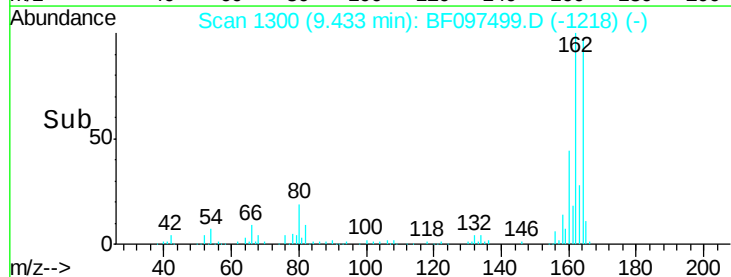
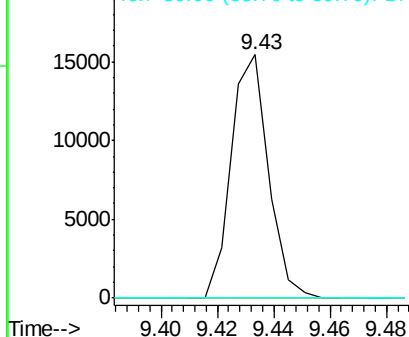


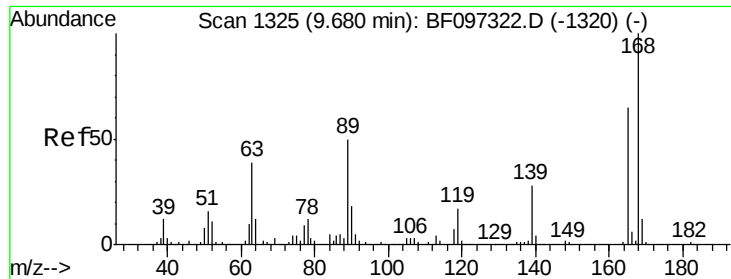
#50
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:165 Resp: 14126
Ion Ratio Lower Upper
165 100
63 0.0 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

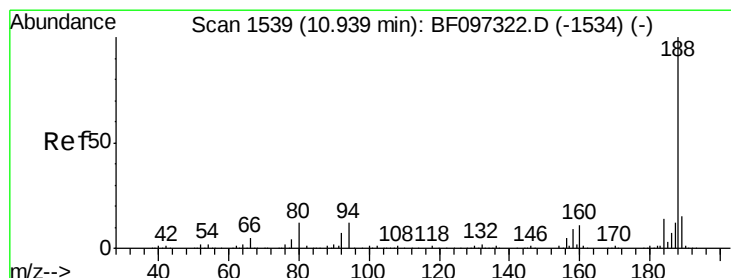
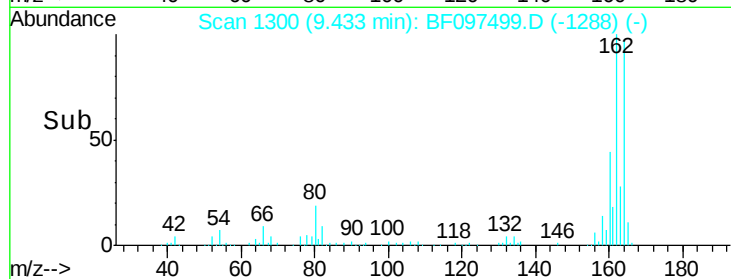
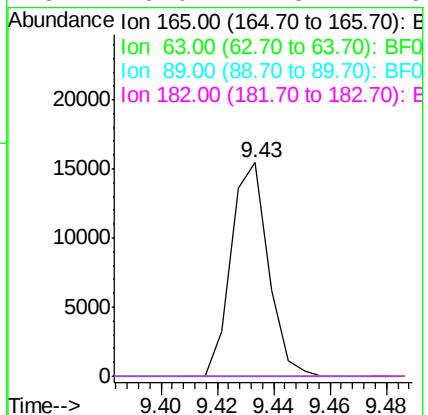
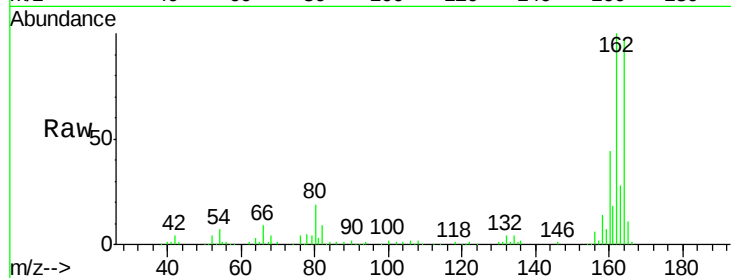




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

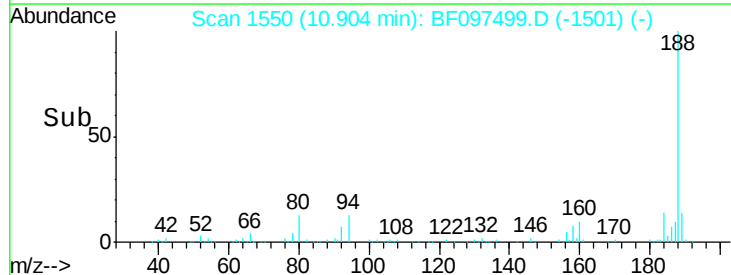
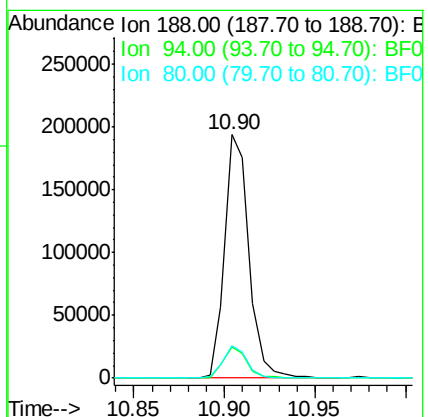
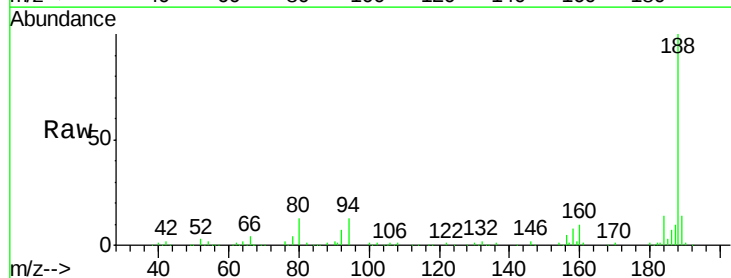
Instrument :
 BNA_F
 ClientSampleId :

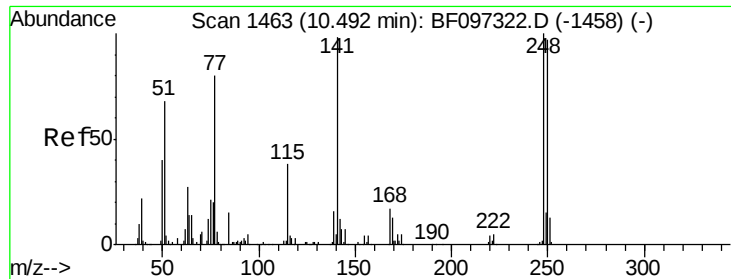
Tot Ion:	165	Resp:	14126
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Tgt Ion:	188	Resp:	181630
Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.4	14.2
80	13.3	10.2	15.2

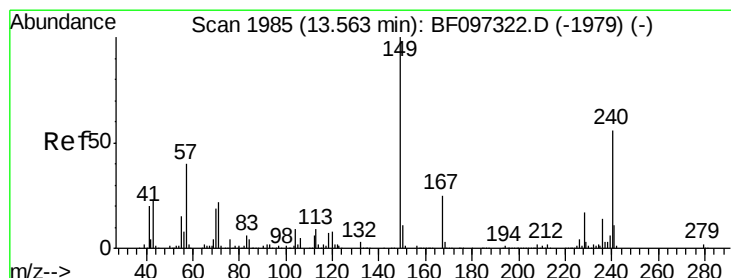
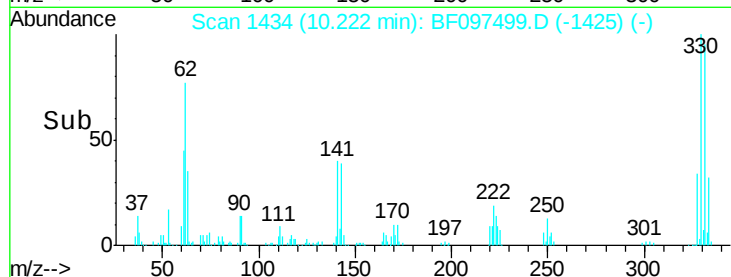
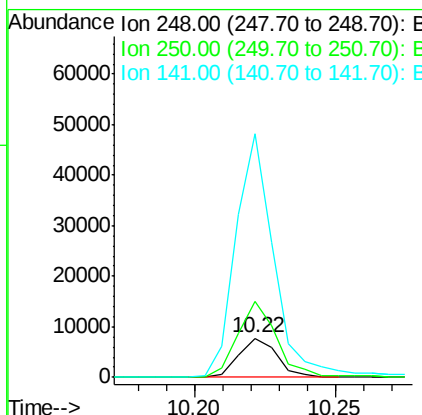
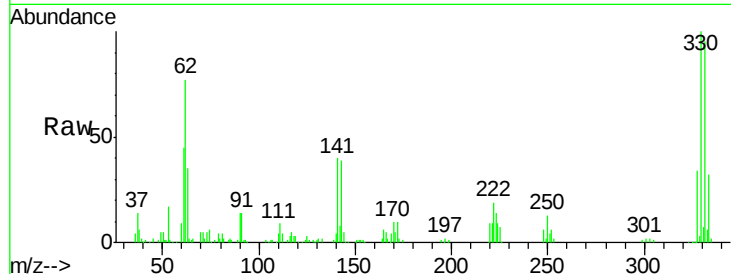




#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

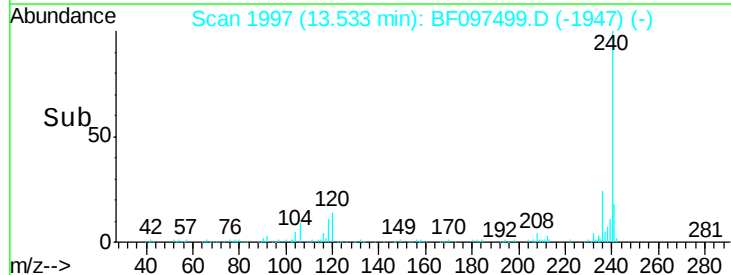
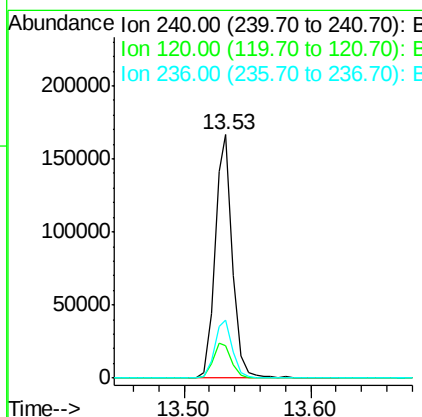
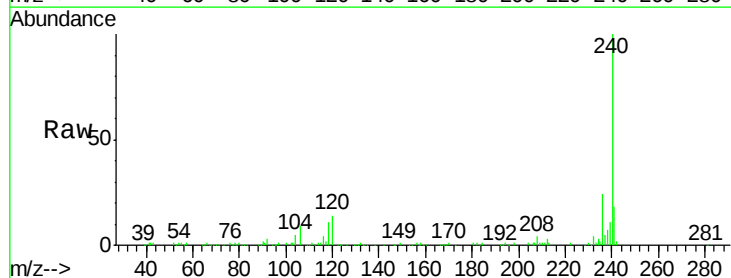
Instrument :
 BNA_F
 ClientSampleId :

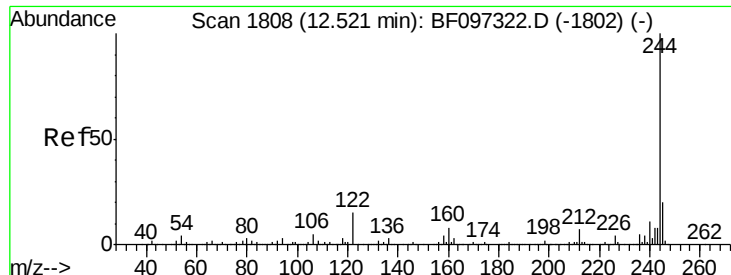
Tot Ion:248 Resp: 7213
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.8 115.2#
 141 627.2 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Tgt Ion:240 Resp: 159574
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 24.1 20.5 30.7

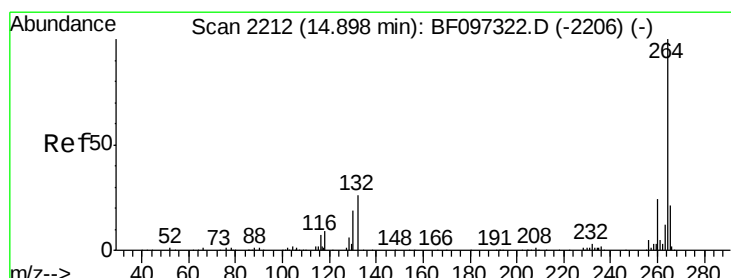
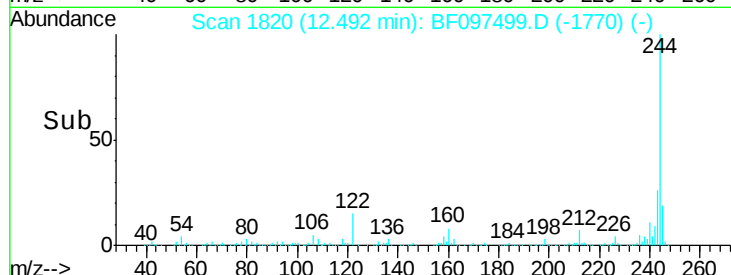
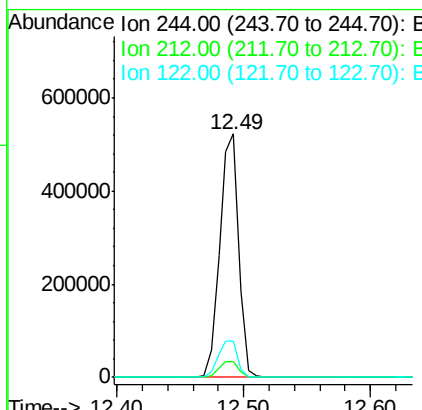
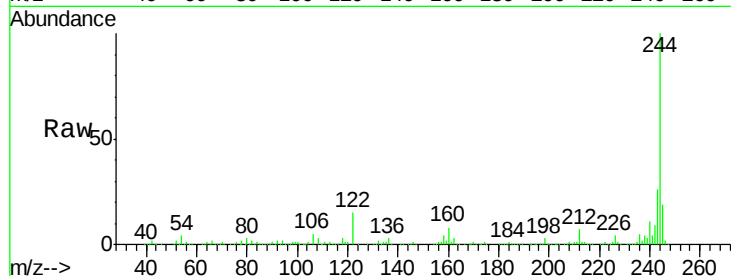




#78
 Terphenyl-d14
 Concen: 69.60 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 544771
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Tgt Ion:264 Resp: 120441
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.7 17.2 25.8

