

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097467.D
 Acq On : 8 Aug 2017 14:12
 Operator : SJ/JU
 Sample : I4611-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 16:57:36 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

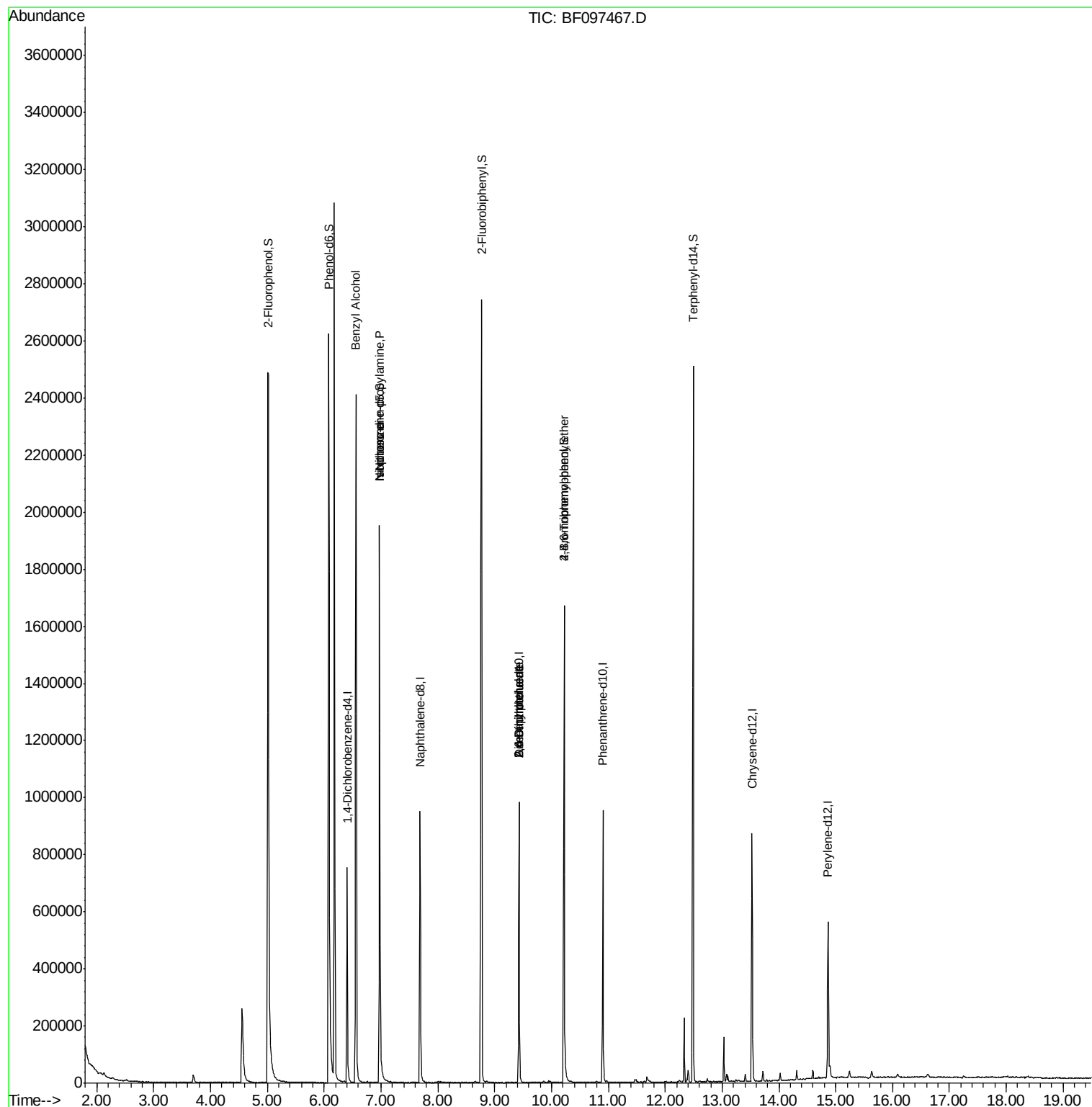
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	113275	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	464164	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	198374	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	345837	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	300151	20.00	ng	-0.01
86) Perylene-d12	14.86	264	228694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	963259	128.19	ng	0.01
7) Phenol-d6	6.08	99	1093203	127.44	ng	0.00
23) Nitrobenzene-d5	6.97	82	728539	92.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	214083	136.59	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1078041	92.23	ng	0.00
78) Terphenyl-d14	12.49	244	928412	63.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	11160	2.055	ng	# 37
19) n-Nitroso-di-n-propylamine	6.97	70	97171	17.209	ng	# 86
25) Isophorone	6.97	82	728533	47.017	ng	# 67
49) Dimethylphthalate	9.43	163	58796	3.903	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	24745	7.745	ng	# 34
56) 2,4-Dinitrotoluene	9.43	165	24745	6.737	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	13383	3.878	ng	# 1

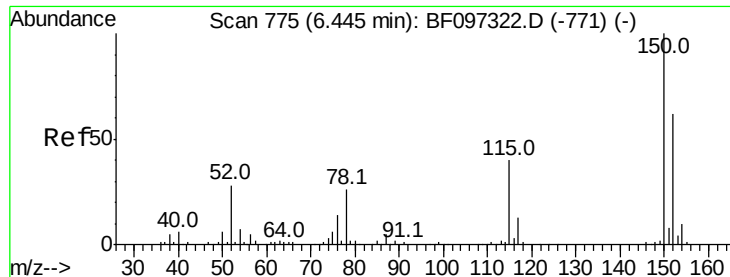
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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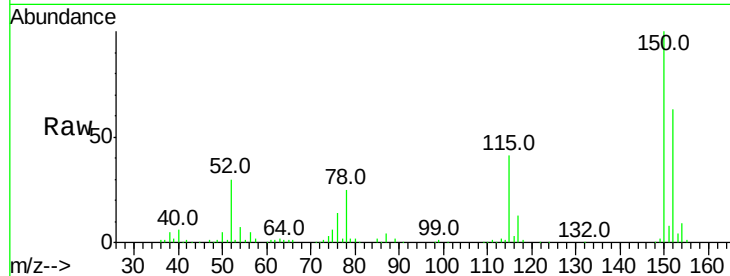


#1

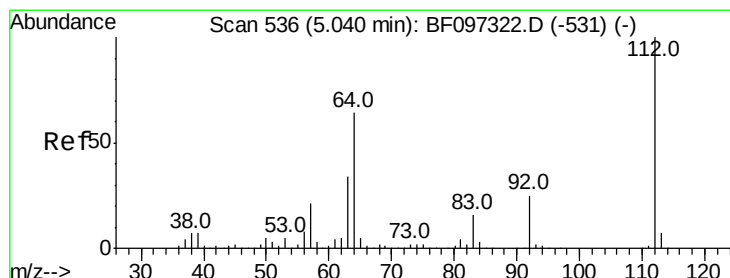
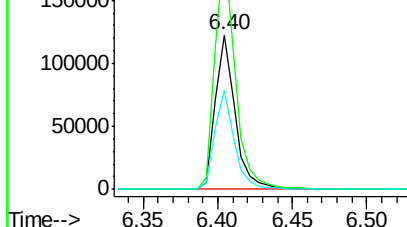
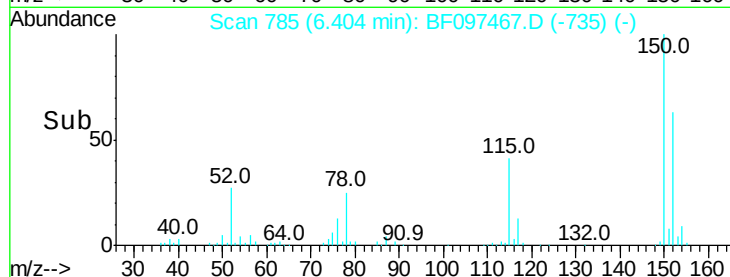
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113275
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 64.1 52.2 78.2



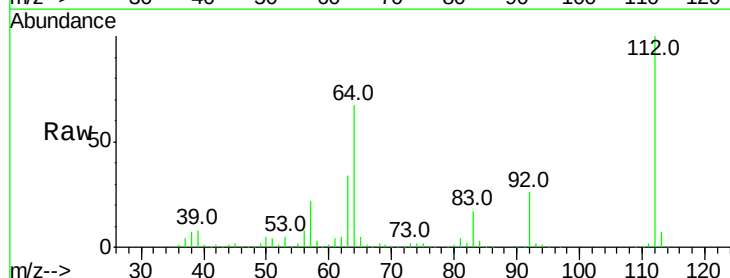
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



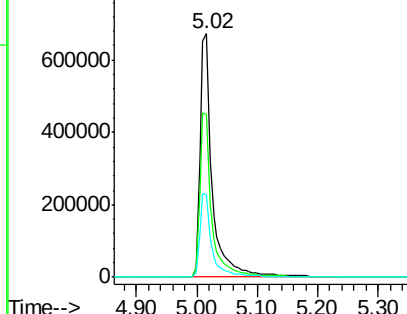
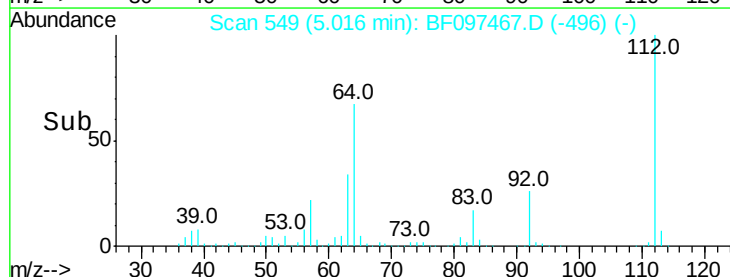
#5

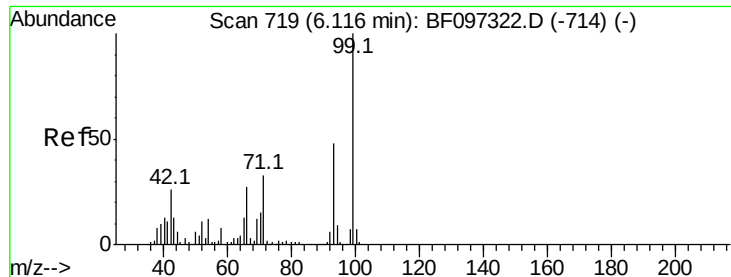
2-Fluorophenol
Concen: 128.193 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

Tgt Ion:112 Resp: 963259
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 34.0 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: 127.438 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097467.D

Acq: 8 Aug 2017 14:12

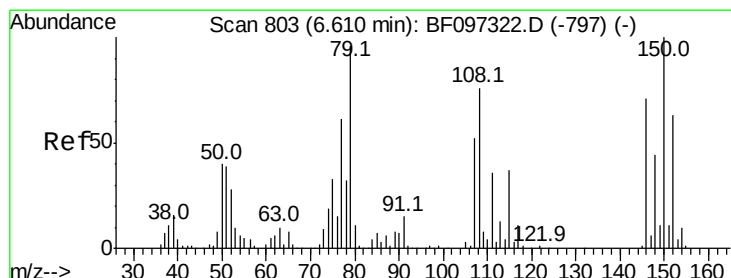
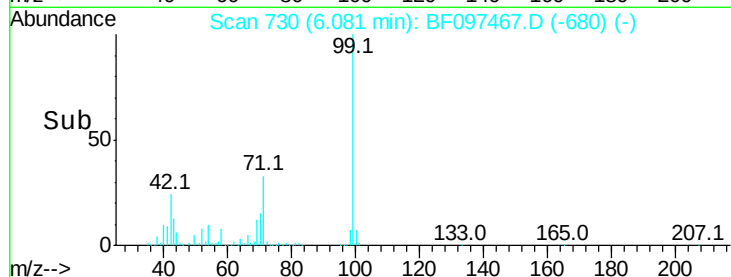
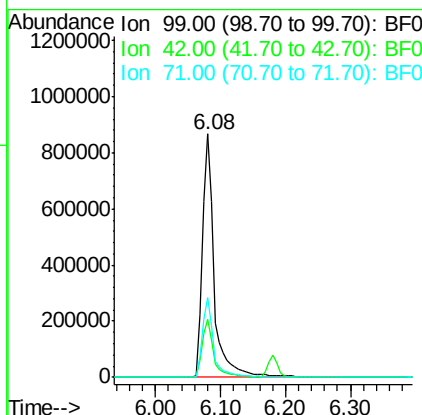
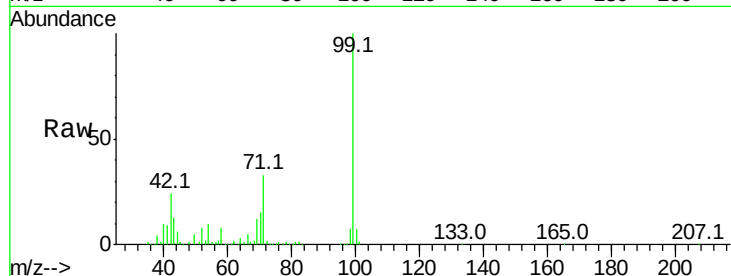
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1093203

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	33.0	24.5	36.7



#15

Benzyl Alcohol

Concen: 2.055 ng

RT: 6.56 min Scan# 811

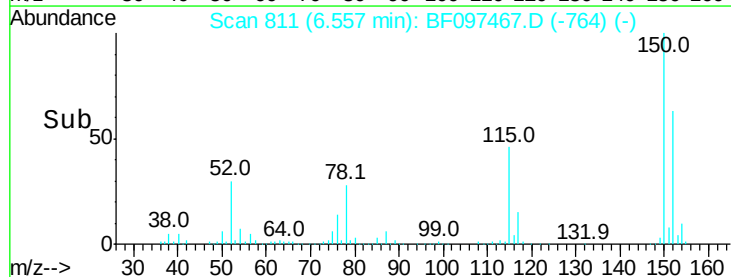
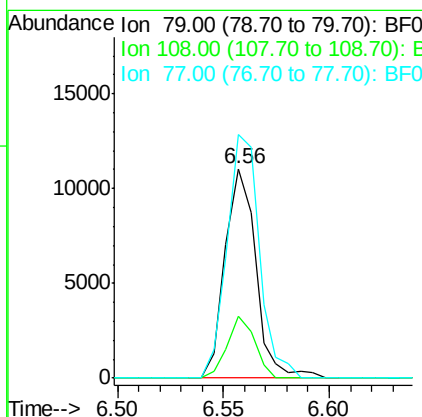
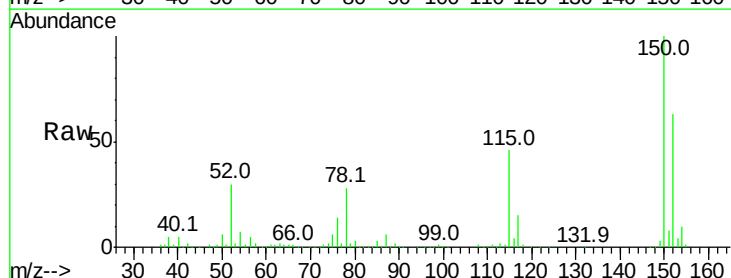
Delta R.T. -0.02 min

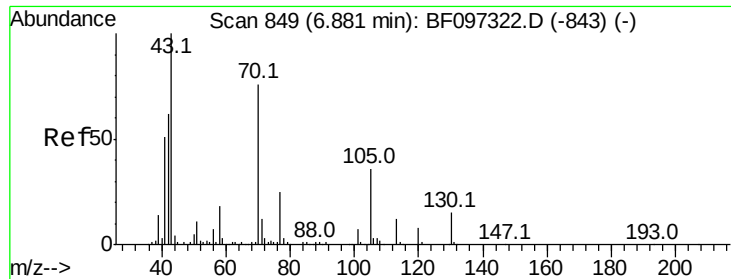
Lab File: BF097467.D

Acq: 8 Aug 2017 14:12

Tgt Ion: 79 Resp: 11160

Ion	Ratio	Lower	Upper
79	100		
108	29.7	63.4	95.0#
77	116.4	49.2	73.8#

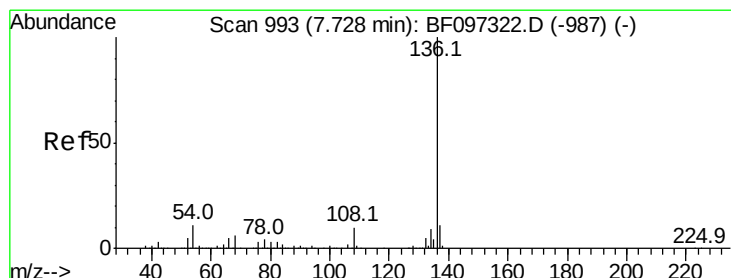
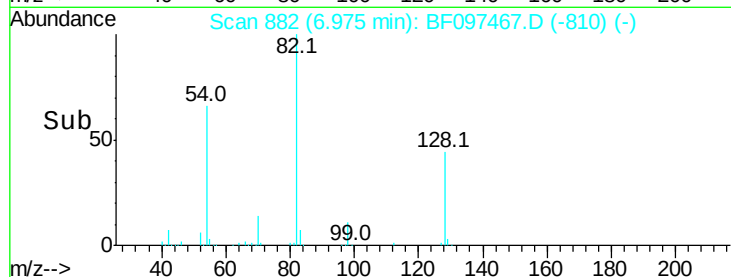
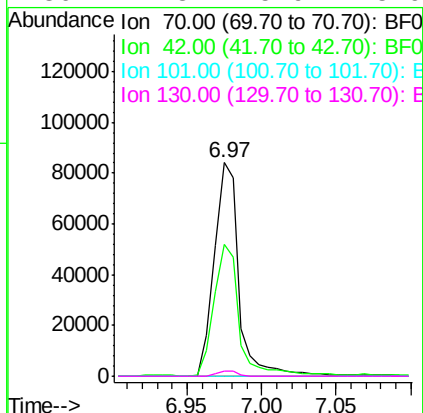
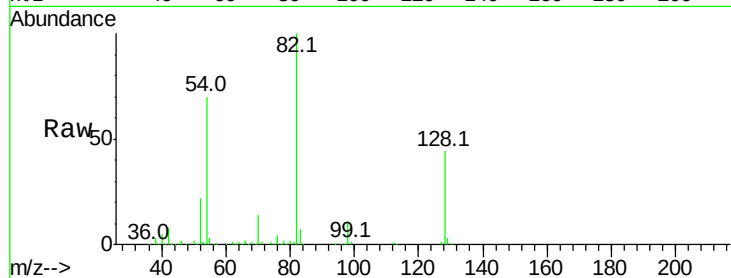




#19
n-Nitroso-di-n-propylamine
Concen: 17.209 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

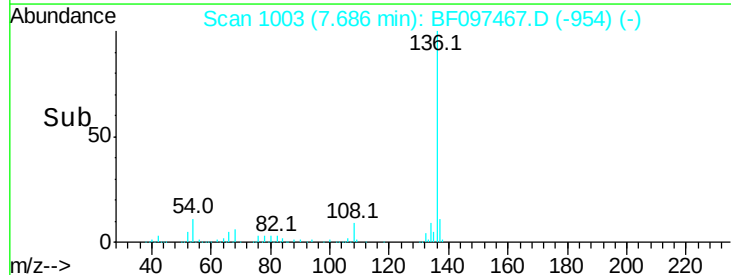
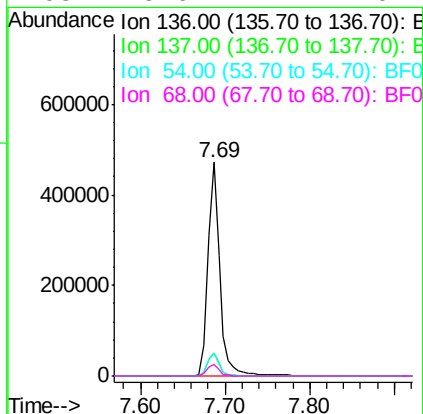
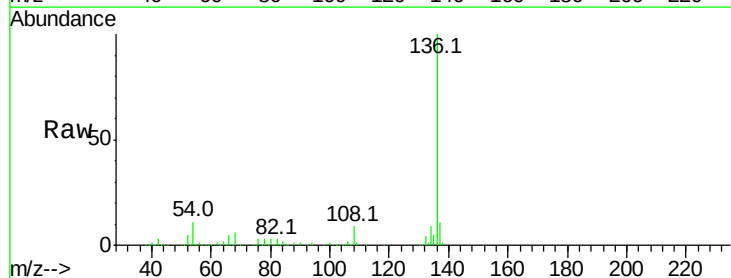
Instrument :
BNA_F
ClientSampleId :

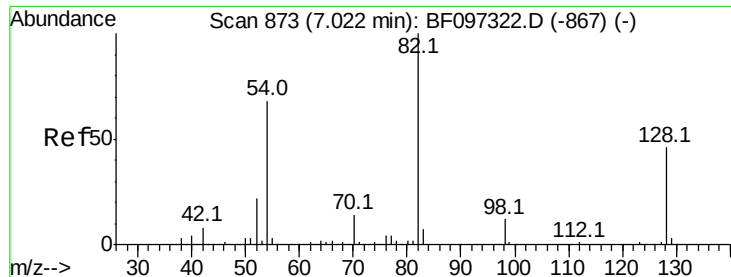
Tot Ion: 70 Resp: 97171
Ion Ratio Lower Upper
70 100
42 61.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

Tgt Ion: 136 Resp: 464164
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.7 4.9 7.3#
68 5.6 4.1 6.1

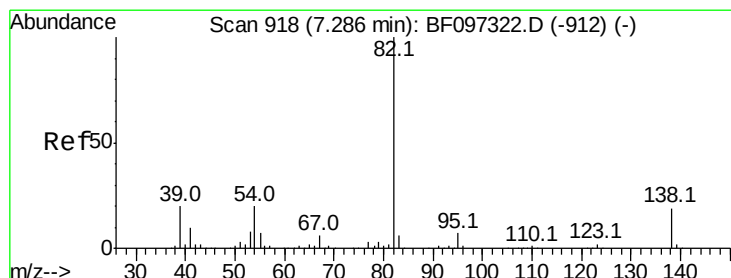
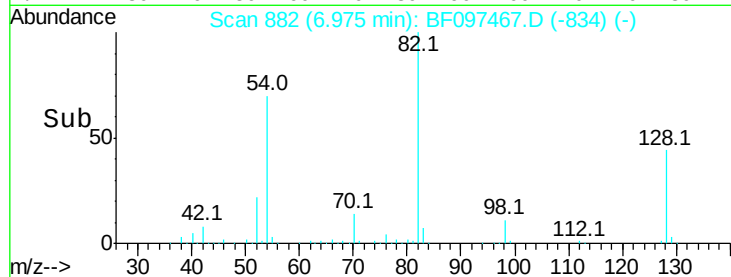
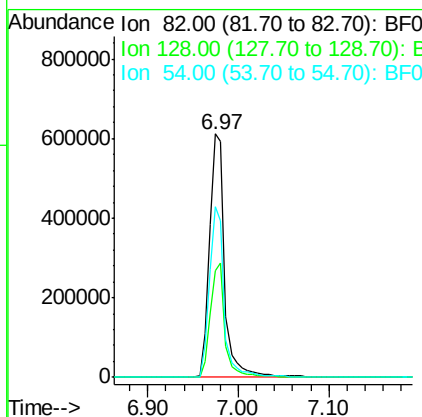
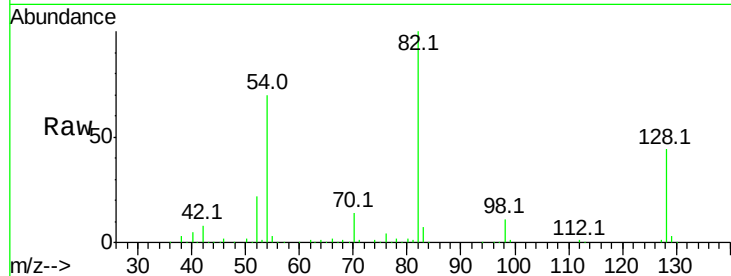




#23
 Nitrobenzene-d5
 Concen: 92.077 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097467.D
 Acq: 8 Aug 2017 14:12

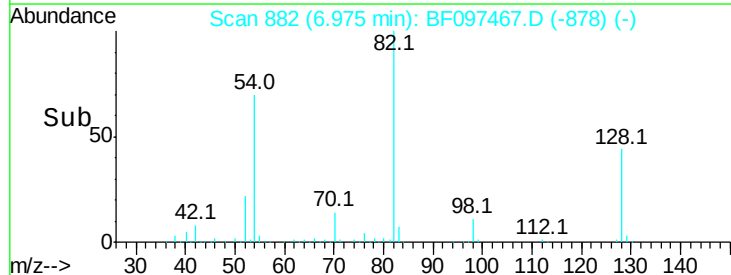
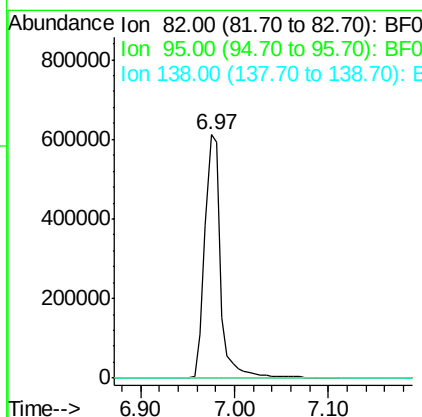
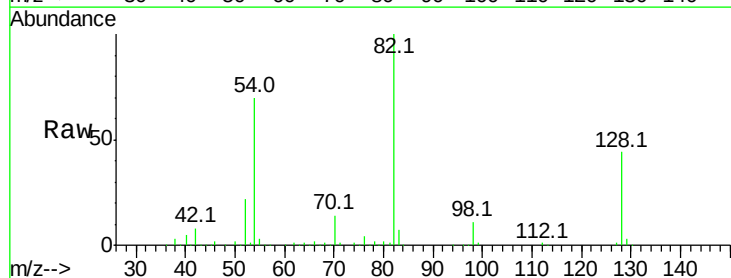
Instrument :
 BNA_F
 ClientSampleId :

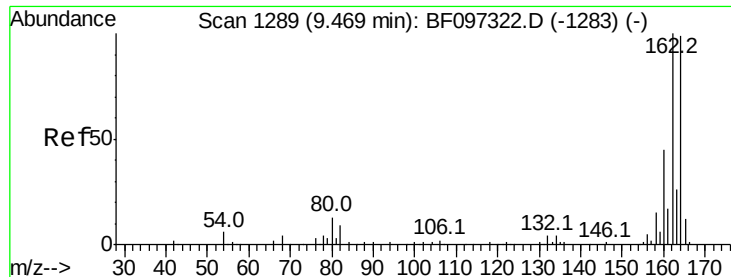
Tot Ion: 82 Resp: 728539
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.0 51.0
 54 70.3 42.2 63.2#



#25
 Isophorone
 Concen: 47.017 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.28 min
 Lab File: BF097467.D
 Acq: 8 Aug 2017 14:12

Tgt Ion: 82 Resp: 728533
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

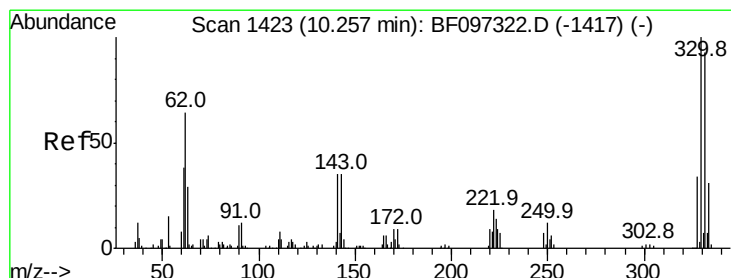
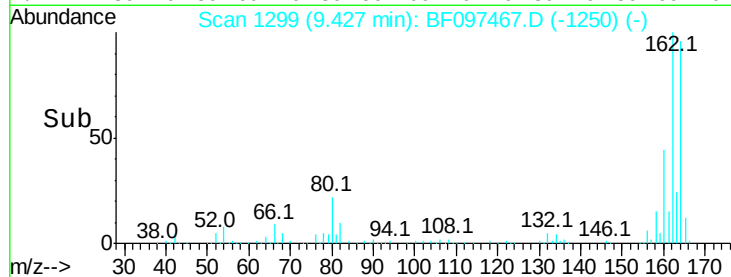
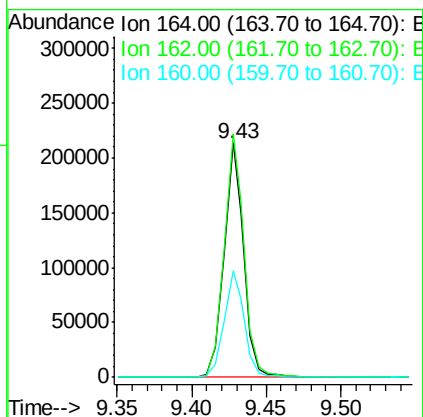
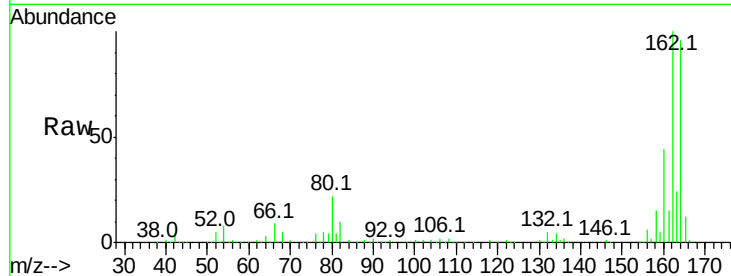




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

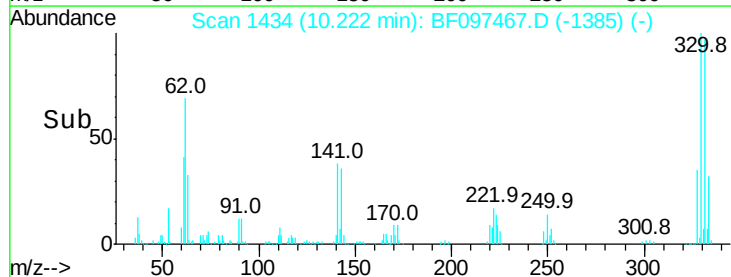
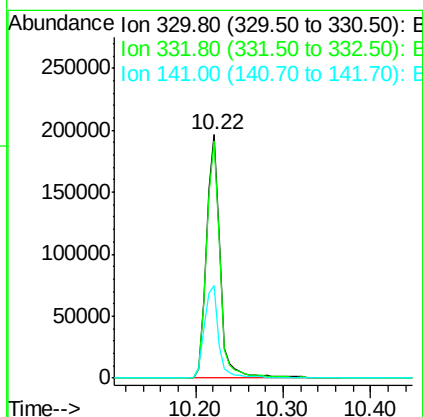
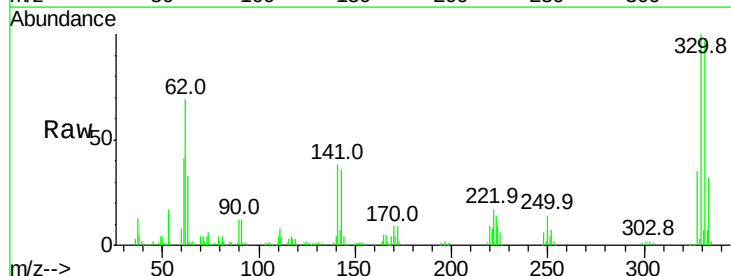
Instrument :
BNA_F
ClientSampleId :

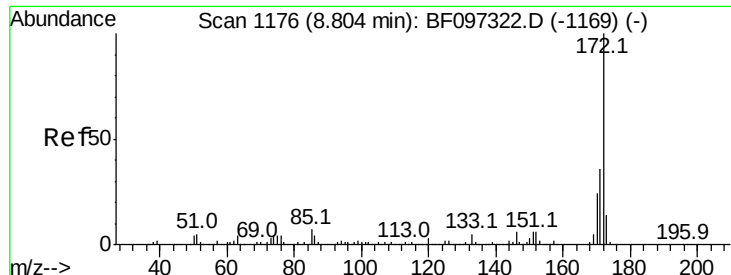
Tot Ion:164 Resp: 198374
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 45.8 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 136.589 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

Tgt Ion:330 Resp: 214083
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 40.1 31.4 47.2

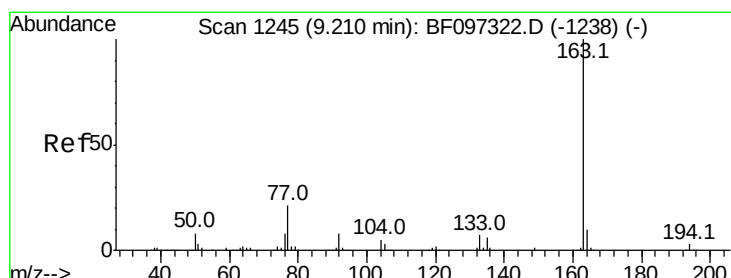
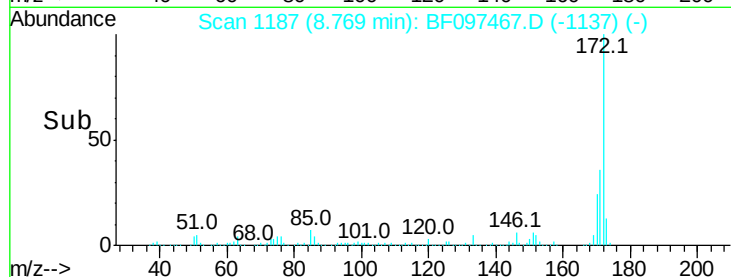
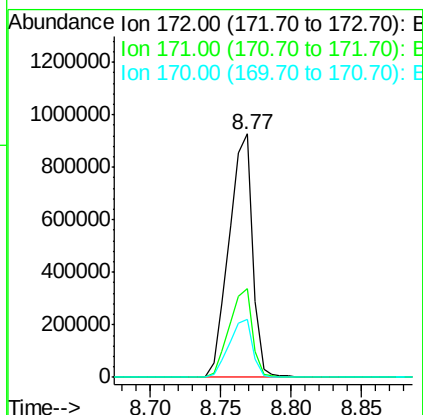
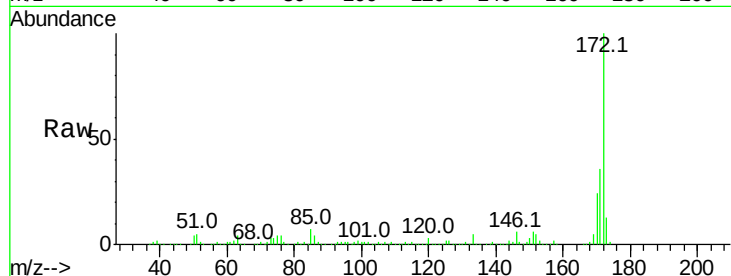




#44
2-Fluorobiphenyl
Concen: 92.227 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

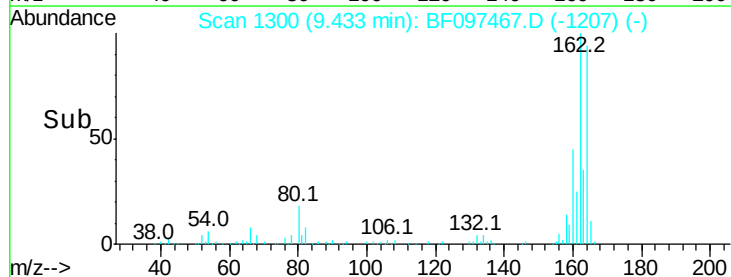
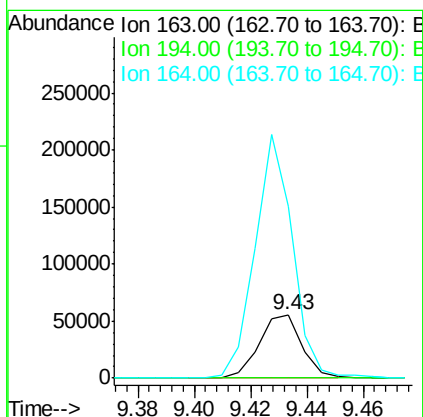
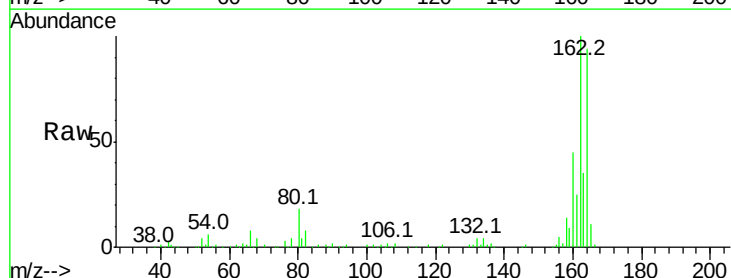
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BNA_F
ClientSampleId :

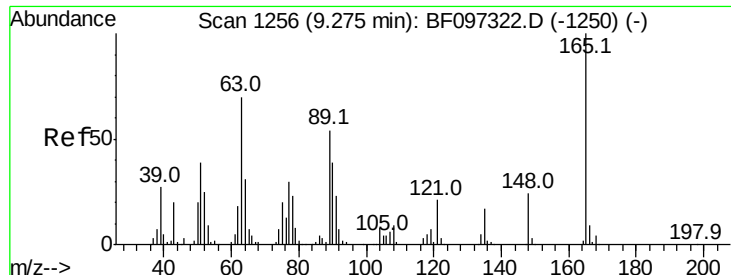
Tot Ion:172 Resp: 1078041
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 3.903 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.25 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

Tgt Ion:163 Resp: 58796
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 270.6 8.4 12.6#

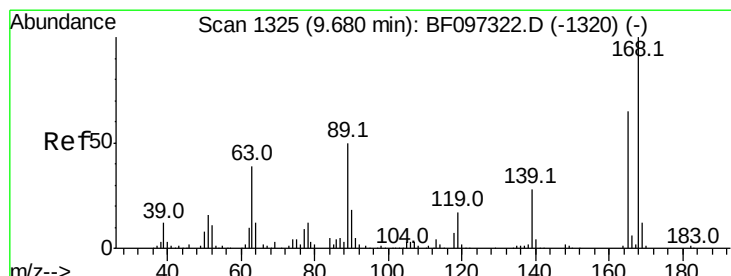
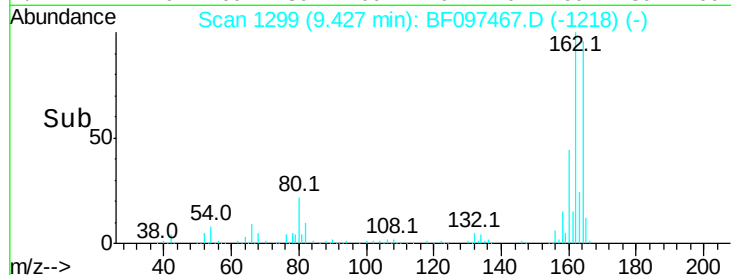
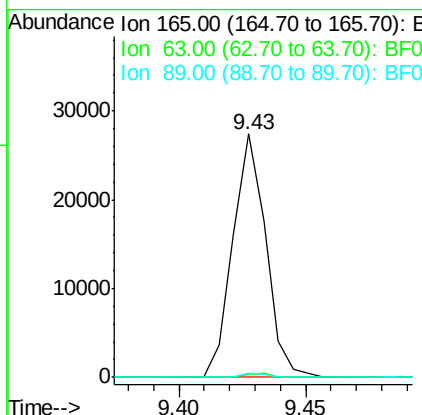
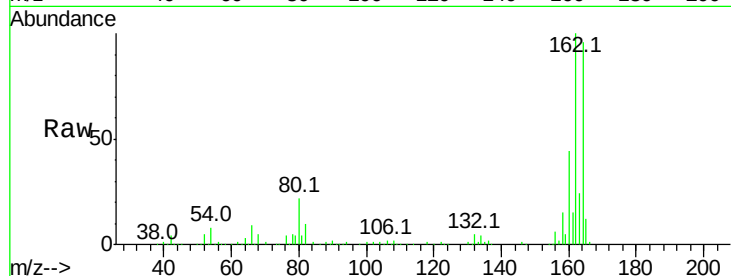




#50
 2,6-Dinitrotoluene
 Concen: 7.745 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097467.D
 Acq: 8 Aug 2017 14:12

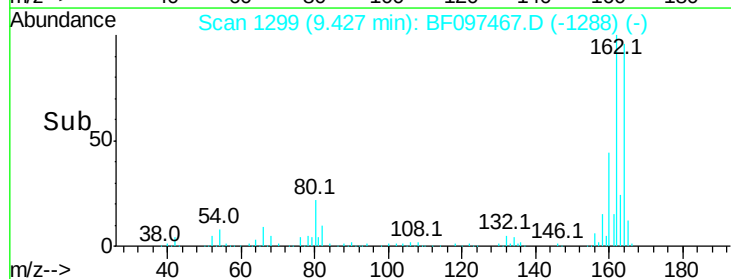
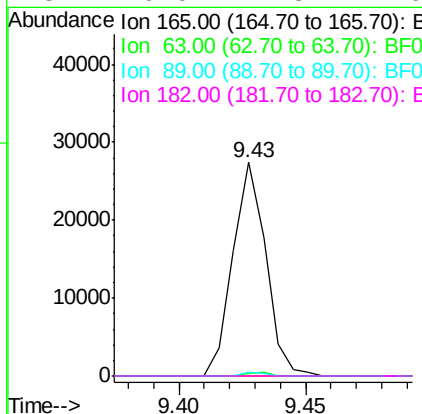
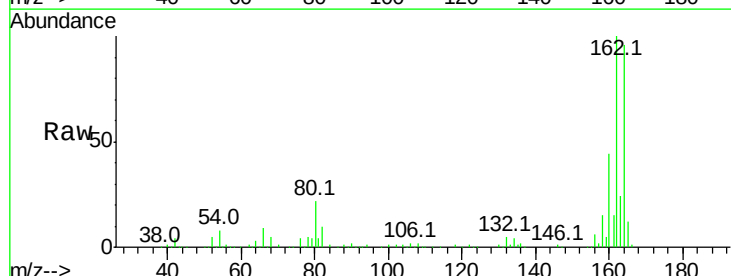
Instrument :
 BNA_F
 ClientSampleId :

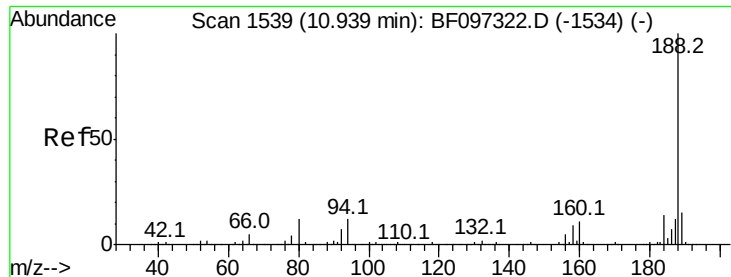
Tot Ion:165	Resp:	24745
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.7	37.1 55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.737 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097467.D
 Acq: 8 Aug 2017 14:12

Tgt Ion:165	Resp:	24745
Ion Ratio	Lower	Upper
165	100	
63	1.2	25.4 38.0#
89	1.7	46.4 69.6#
182	0.0	1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097467.D

Acq: 8 Aug 2017 14:12

Instrument :

BNA_F

ClientSampled :

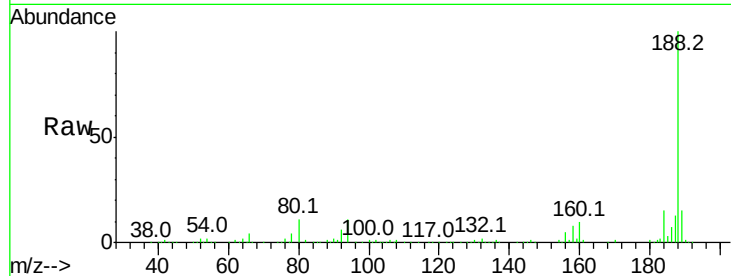
Tot Ion:188 Resp: 345837

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

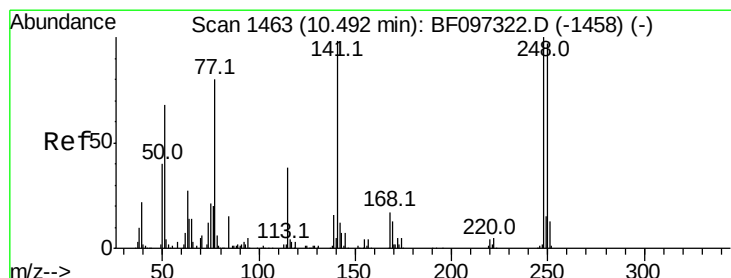
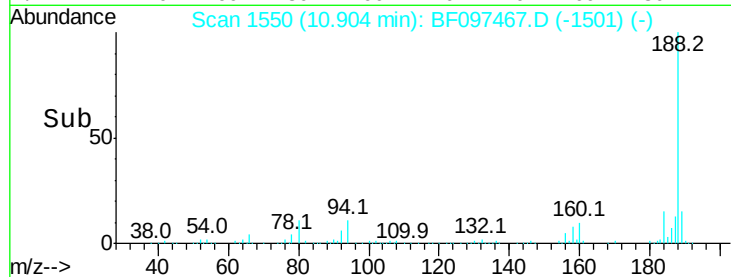
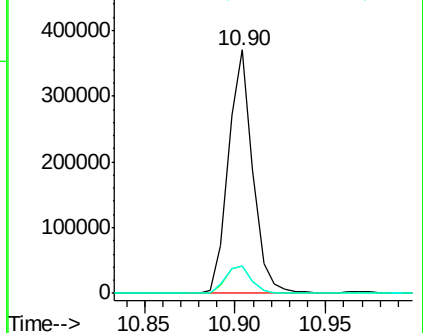
80 11.5 10.2 15.2



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: 3.878 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF097467.D

Acq: 8 Aug 2017 14:12

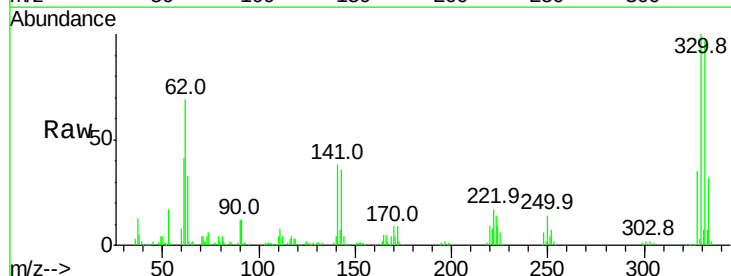
Tgt Ion:248 Resp: 13383

Ion Ratio Lower Upper

248 100

250 219.4 76.8 115.2#

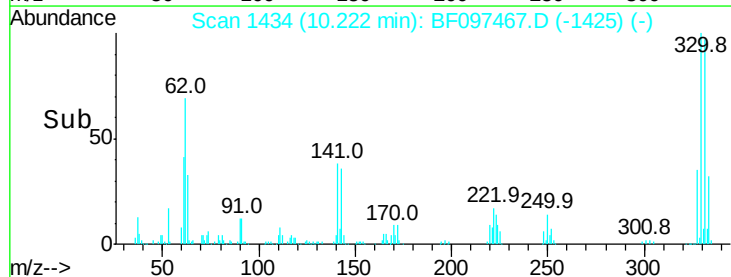
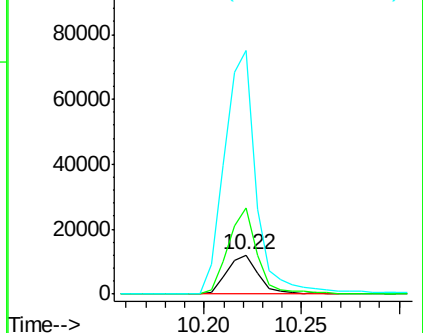
141 620.1 68.6 103.0#

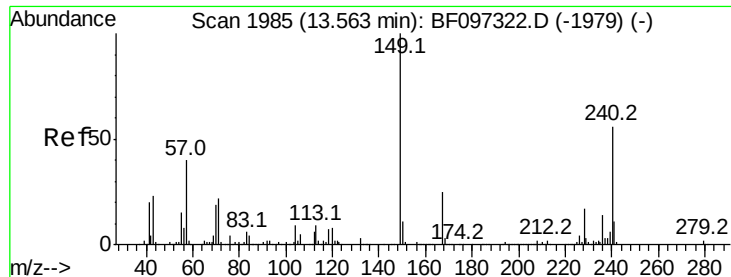


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097467.D

Acq: 8 Aug 2017 14:12

Instrument :

BNA_F

ClientSampleId :

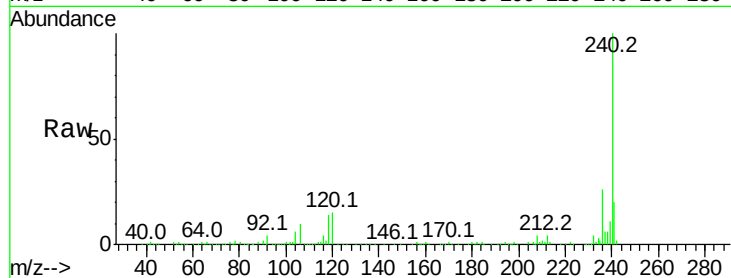
Tot Ion:240 Resp: 300151

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

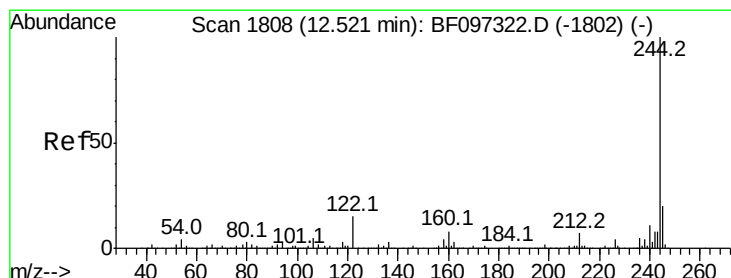
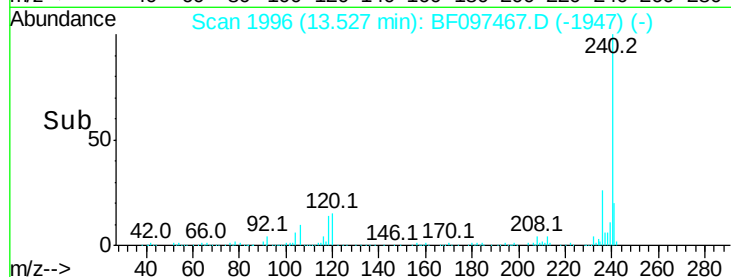
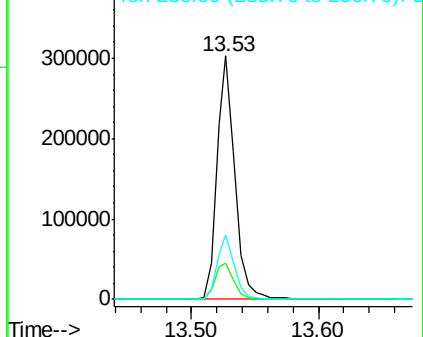
236 26.4 20.5 30.7



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: 63.065 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097467.D

Acq: 8 Aug 2017 14:12

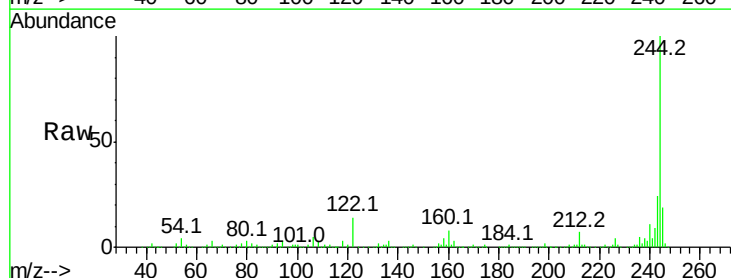
Tgt Ion:244 Resp: 928412

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

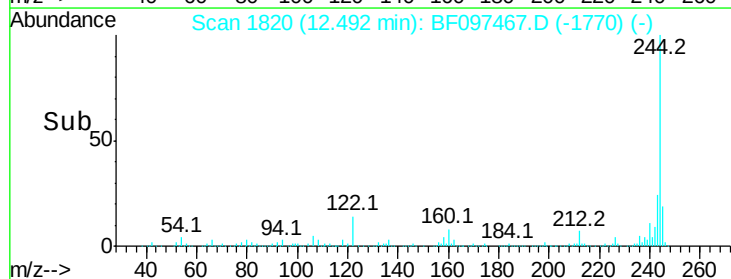
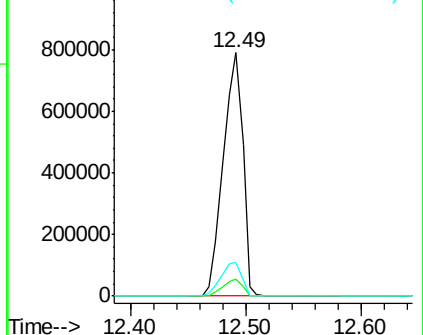
122 13.9 10.3 15.5

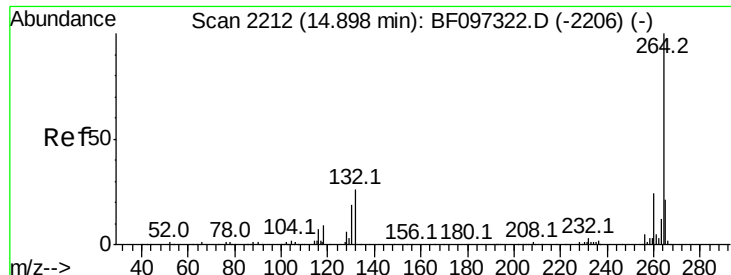


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

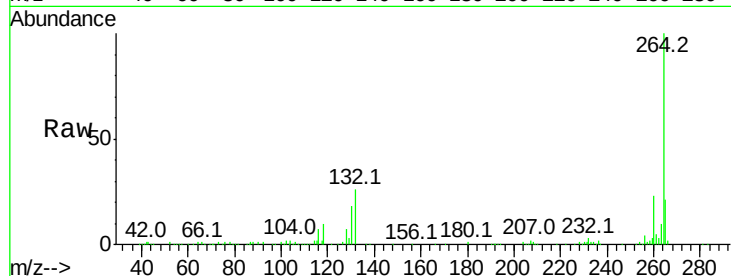




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097467.D
Acq: 8 Aug 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	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

