

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097039.D
 Acq On : 25 Jul 2017 19:58
 Operator : SJ/JU
 Sample : I4369-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 01:05:07 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

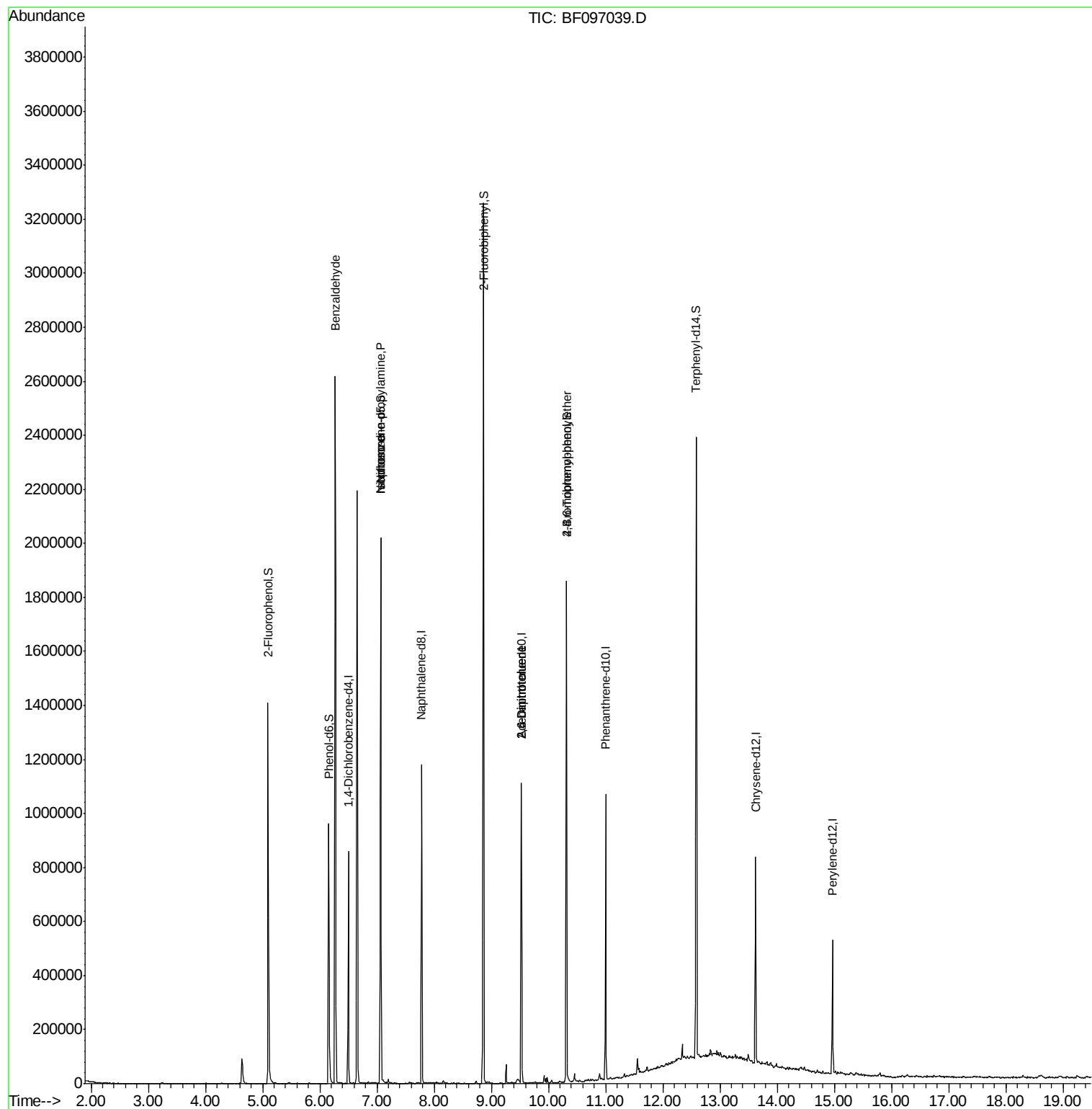
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	128151	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	526709	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	227938	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	353145	20.00	ng	0.00
75) Chrysene-d12	13.62	240	248112	20.00	ng	0.00
86) Perylene-d12	14.97	264	180799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	437378	51.45	ng	0.00
7) Phenol-d6	6.16	99	319322	32.90	ng	-0.01
23) Nitrobenzene-d5	7.07	82	648395	72.22	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	226979	126.03	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1099138	81.84	ng	0.00
78) Terphenyl-d14	12.59	244	853499	70.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	14763	2.57	ng	# 76
19) n-Nitroso-di-n-propylamine	7.07	70	87576	13.71	ng	# 88
25) Isophorone	7.07	82	637492	36.26	ng	# 67
50) 2,6-Dinitrotoluene	9.53	165	28320	7.71	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	28320	6.71	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	14080	4.00	ng	# 1

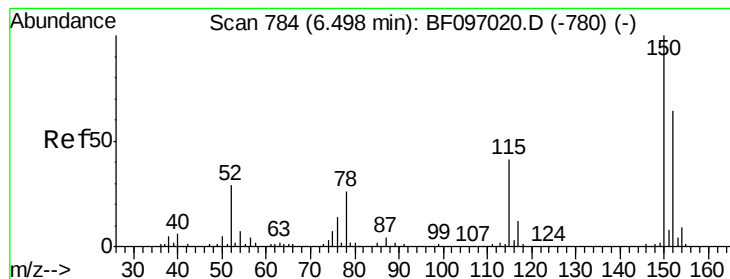
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097039.D
Acq On : 25 Jul 2017 19:58
Operator : SJ/JU
Sample : I4369-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 01:05:07 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

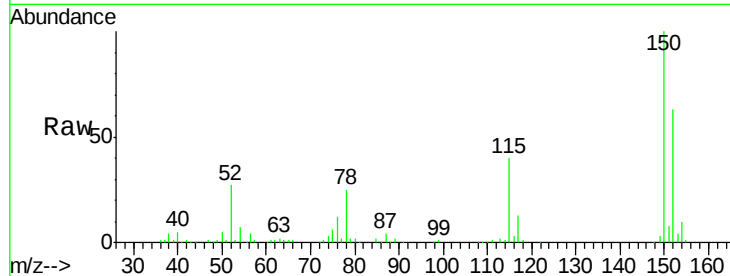




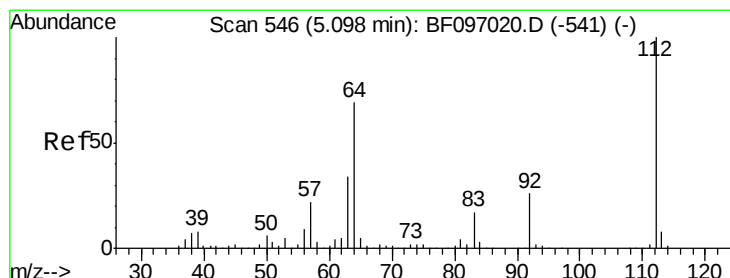
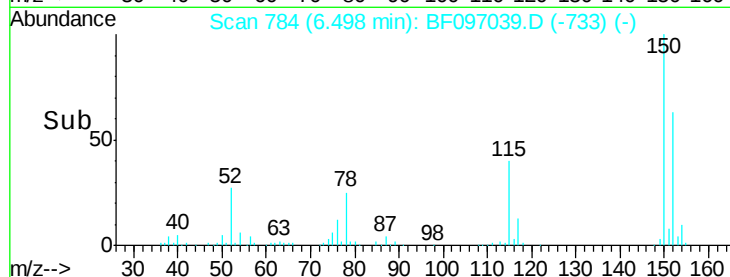
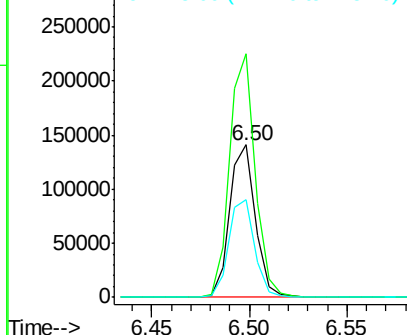
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 128151
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.2
 115 64.5 52.2 78.2

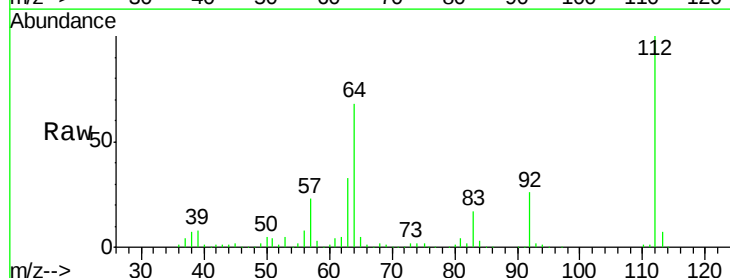


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

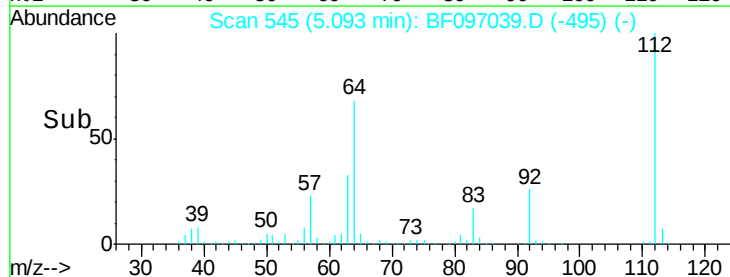
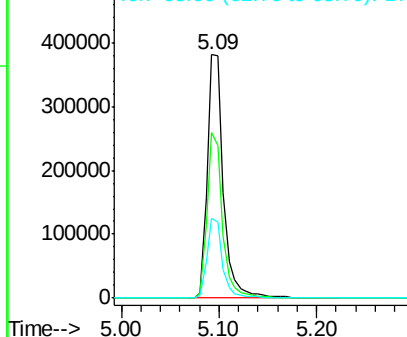


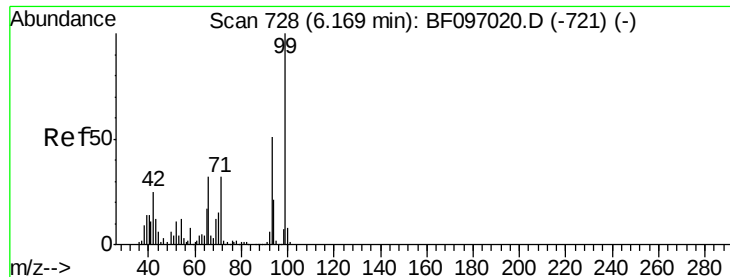
#5
 2-Fluorophenol
 Concen: 51.45 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion:112 Resp: 437378
 Ion Ratio Lower Upper
 112 100
 64 68.0 46.0 69.0
 63 33.0 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: 32.90 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097039.D

Acq: 25 Jul 2017 19:58

Instrument :

BNA_F

ClientSampleId :

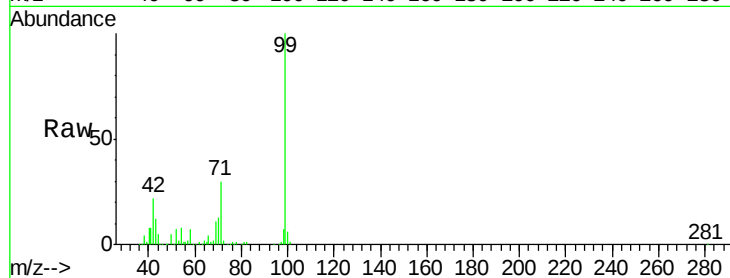
Tot Ion: 99 Resp: 319322

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

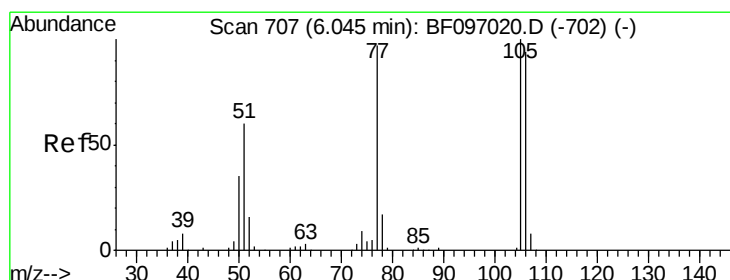
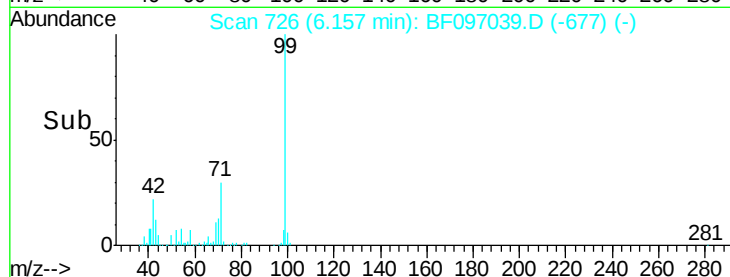
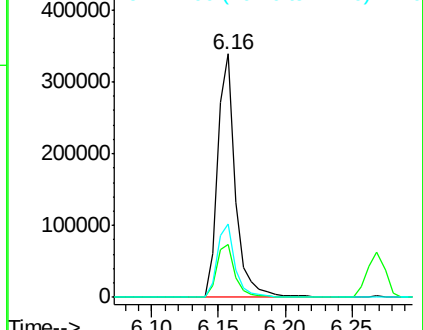
71 30.1 24.5 36.7



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: 2.57 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF097039.D

Acq: 25 Jul 2017 19:58

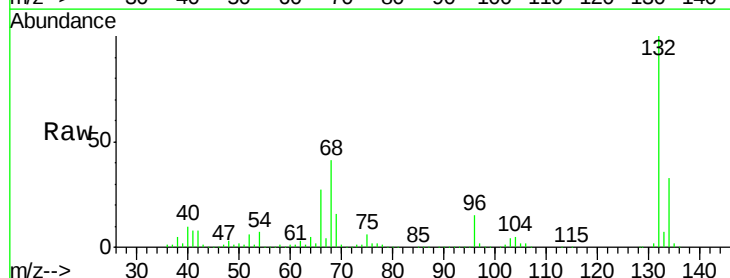
Tgt Ion: 77 Resp: 14763

Ion Ratio Lower Upper

77 100

105 82.2 83.8 123.8#

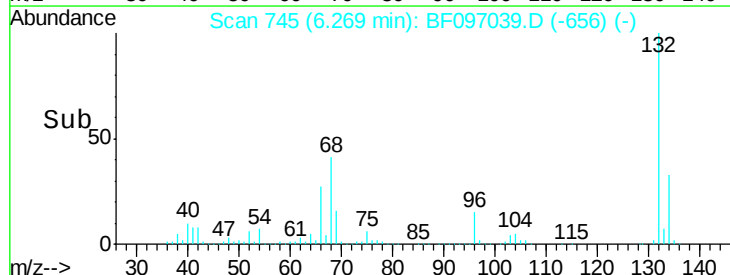
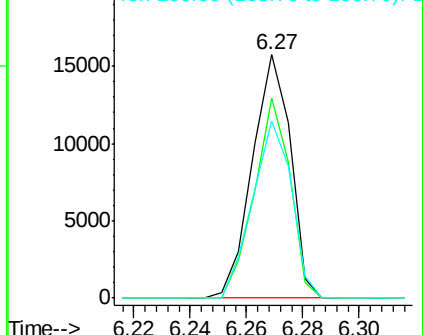
106 72.9 79.1 119.1#

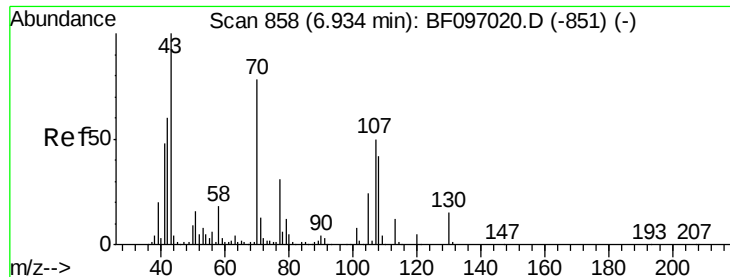


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

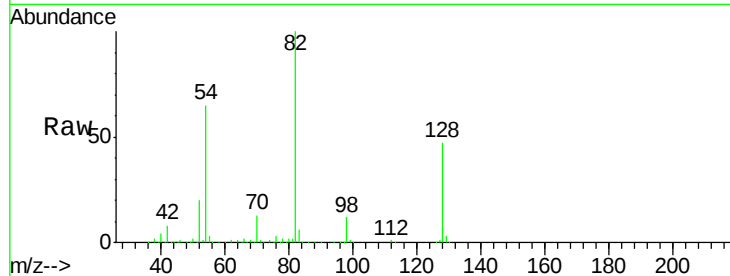




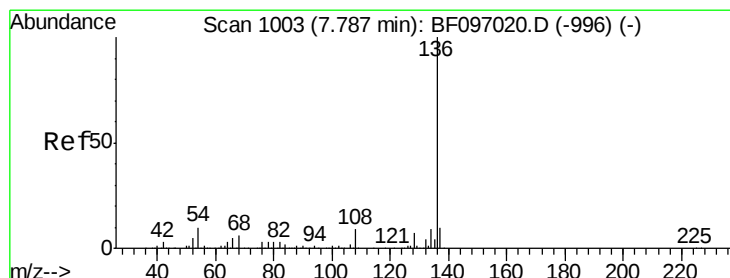
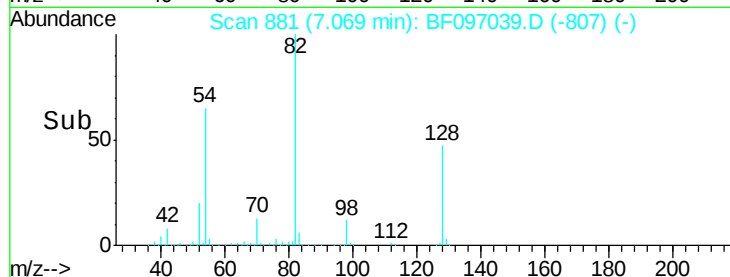
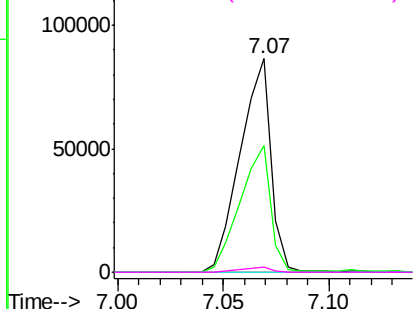
#19
n-Nitroso-di-n-propylamine
Concen: 13.71 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097039.D
Acq: 25 Jul 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 87576
Ion Ratio Lower Upper
70 100
42 59.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#

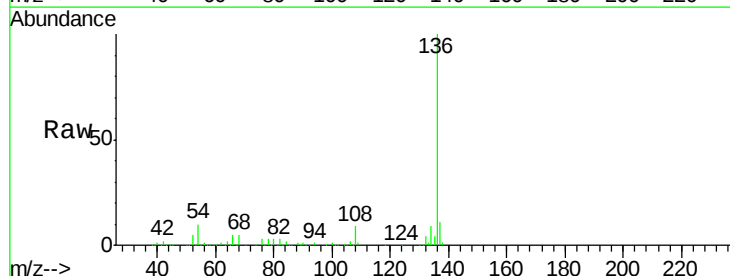


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

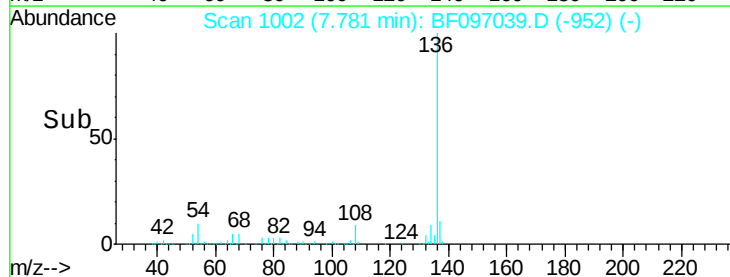
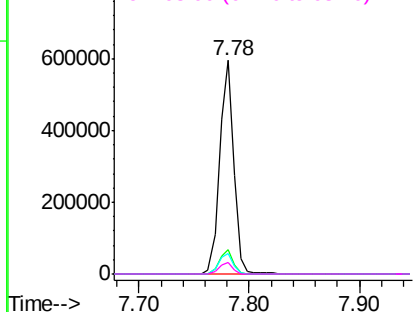


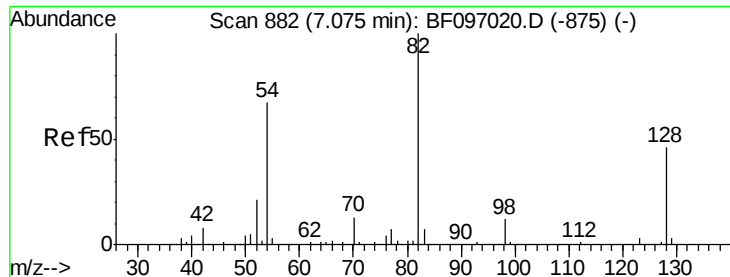
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097039.D
Acq: 25 Jul 2017 19:58

Tgt Ion:136 Resp: 526709
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.6 4.9 7.3#
68 5.1 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

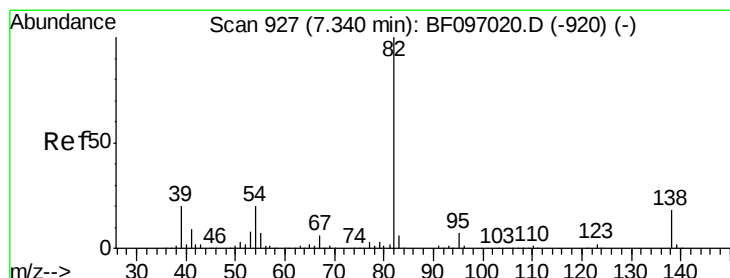
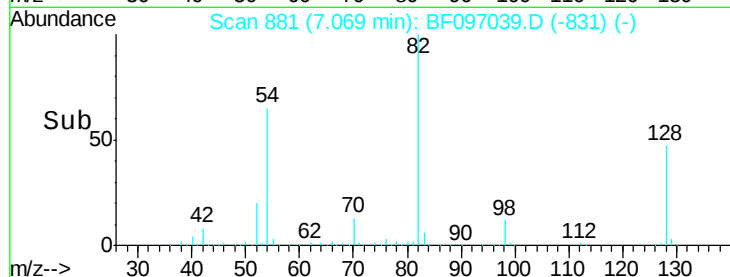
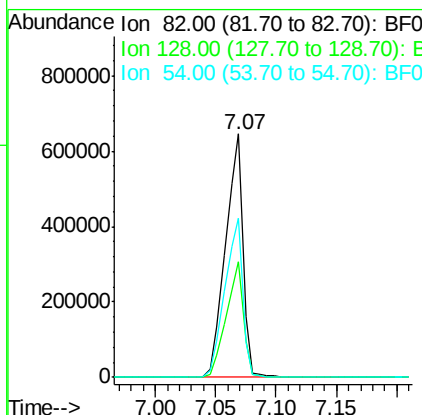
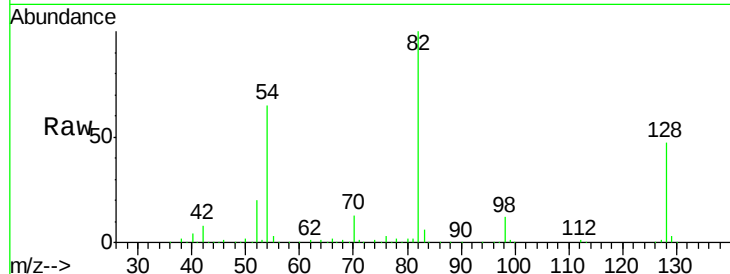




#23
 Nitrobenzene-d5
 Concen: 72.22 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

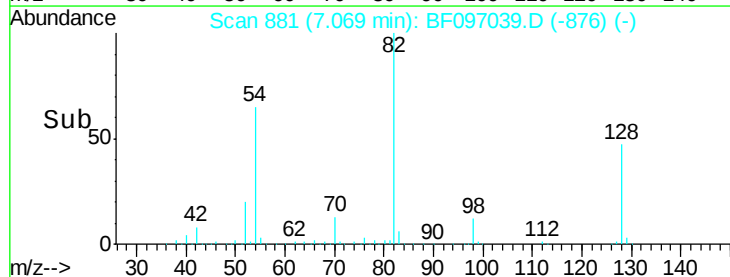
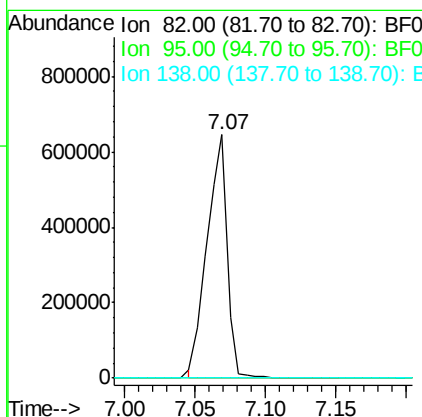
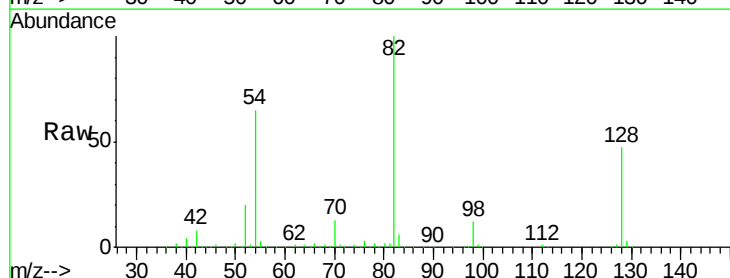
Instrument :
 BNA_F
 ClientSampled :

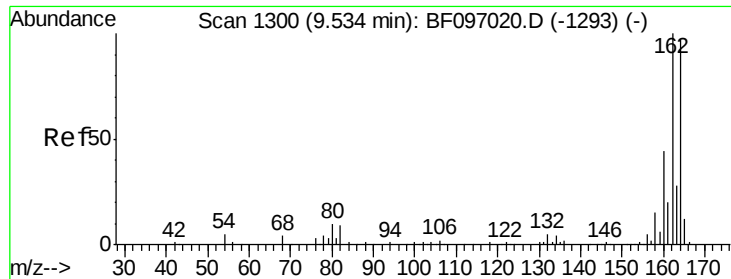
Tot Ion: 82 Resp: 648395
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 65.1 42.2 63.2#



#25
 Isophorone
 Concen: 36.26 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion: 82 Resp: 637492
 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: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097039.D

Acq: 25 Jul 2017 19:58

Instrument :

BNA_F

ClientSampleId :

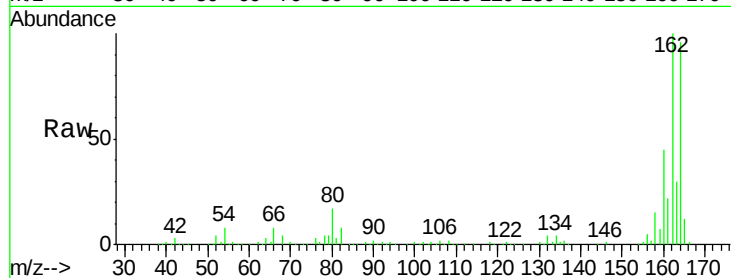
Tot Ion:164 Resp: 227938

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

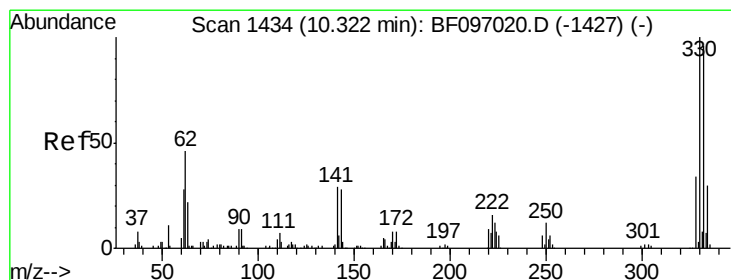
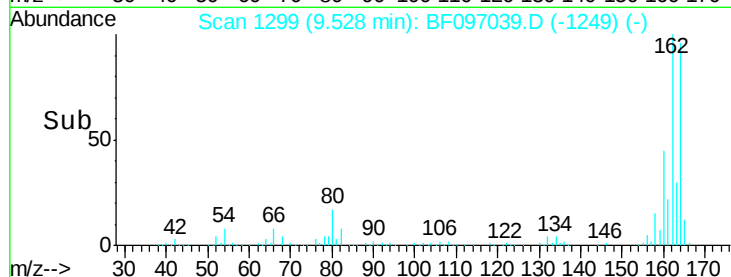
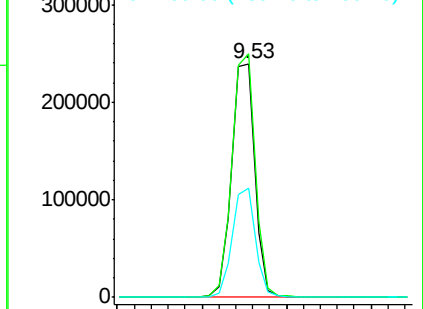
160 46.9 36.2 54.2



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: 126.03 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097039.D

Acq: 25 Jul 2017 19:58

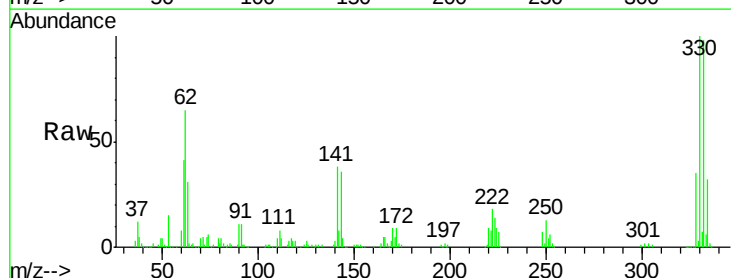
Tgt Ion:330 Resp: 226979

Ion Ratio Lower Upper

330 100

332 94.5 76.6 115.0

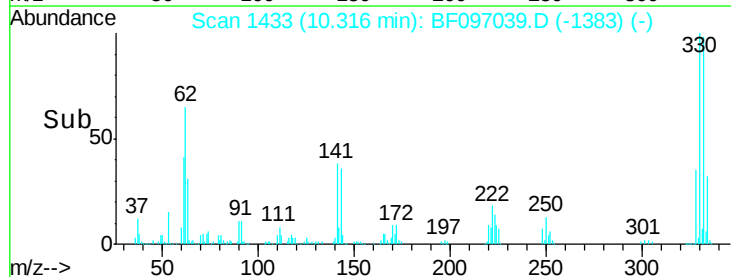
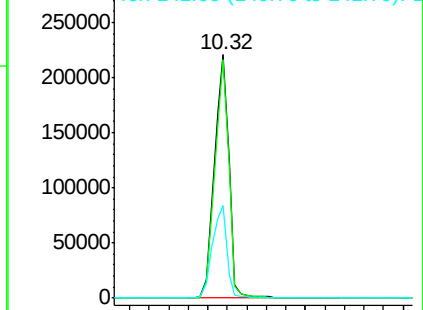
141 38.0 31.4 47.2

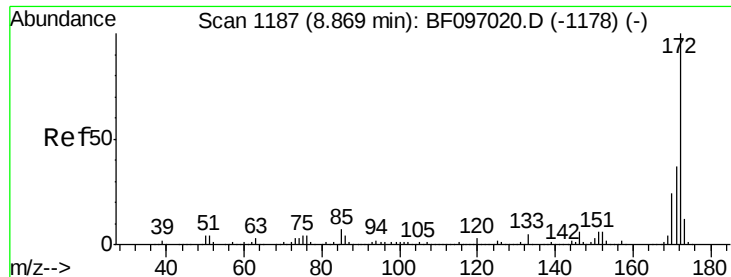


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



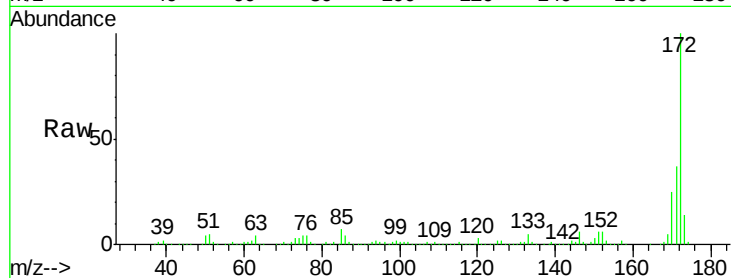


#44
 2-Fluorobiphenyl
 Concen: 81.84 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

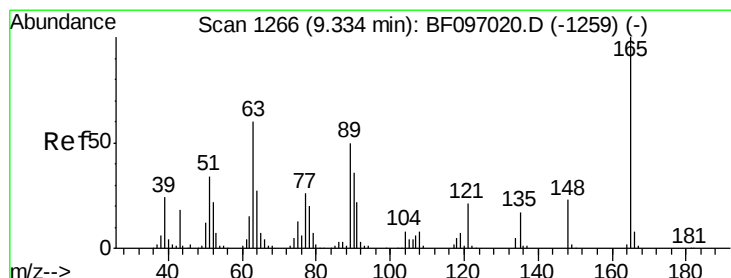
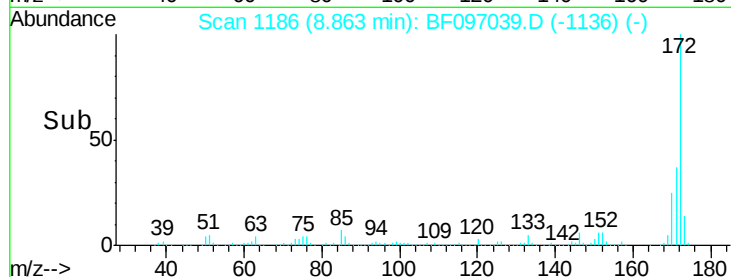
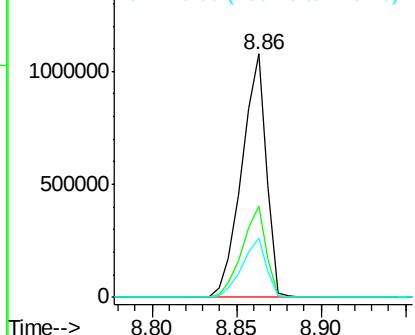
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1099138

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.6	19.8	29.8



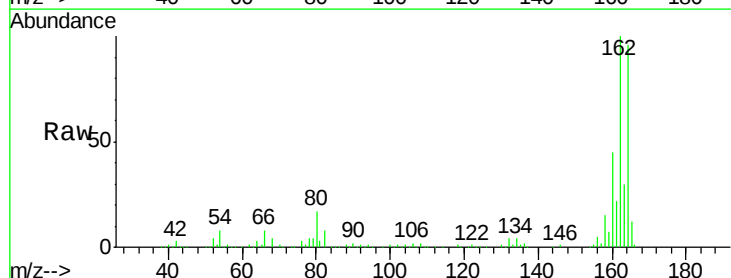
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



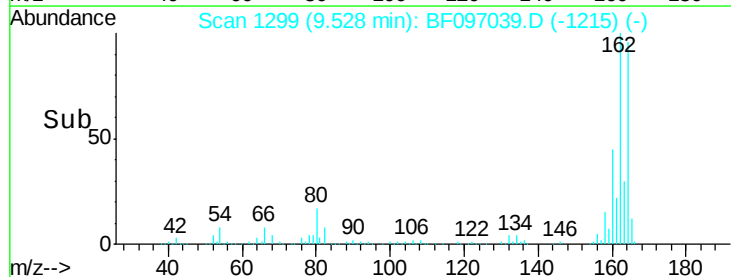
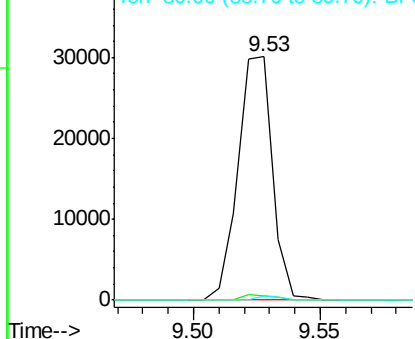
#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion:165 Resp: 28320

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.6	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

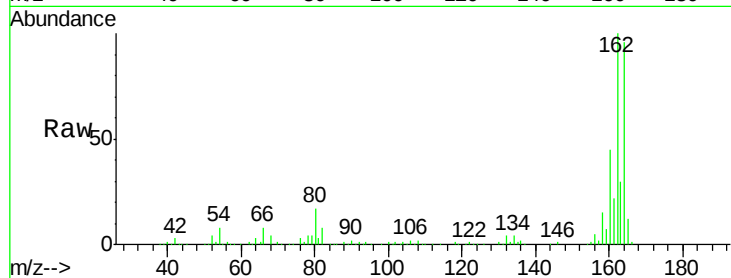




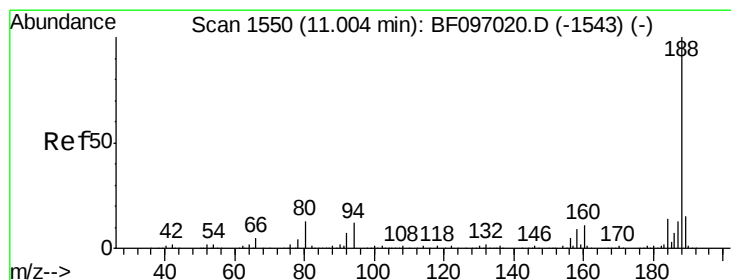
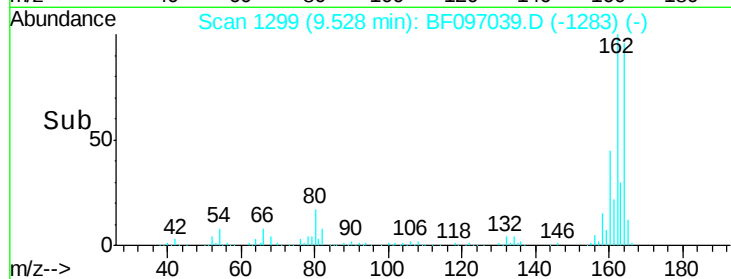
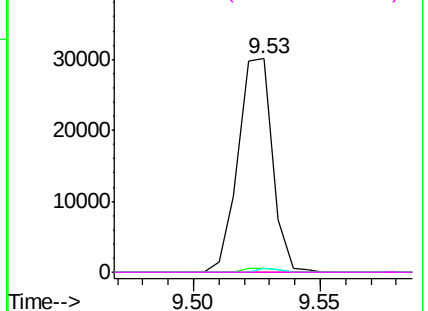
#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28320
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

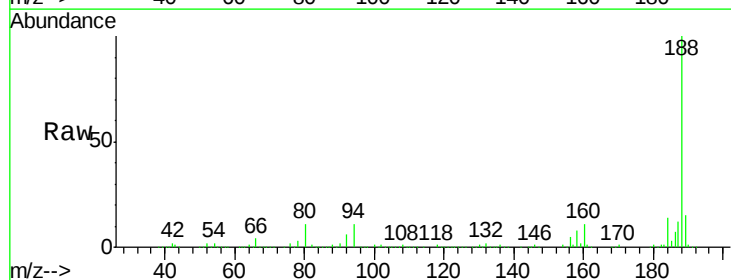


Abundance Ion 165.00 (164.70 to 165.70): E

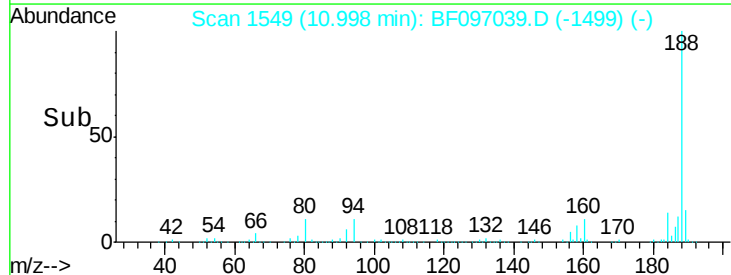
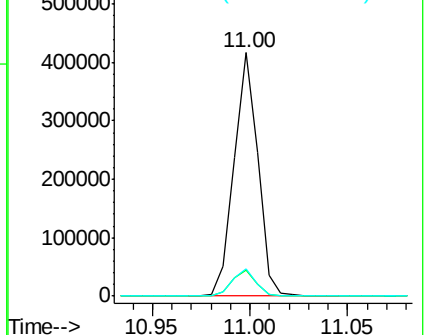


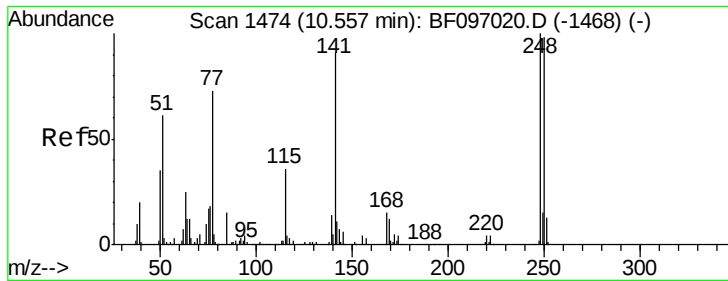
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion:188 Resp: 353145
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

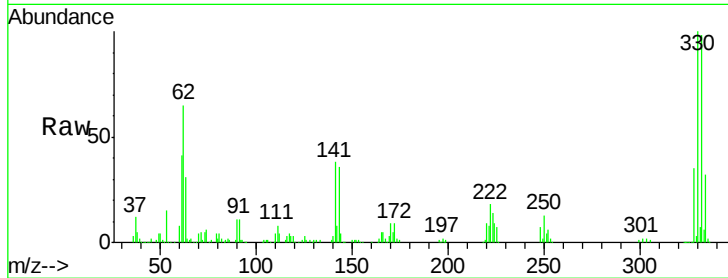




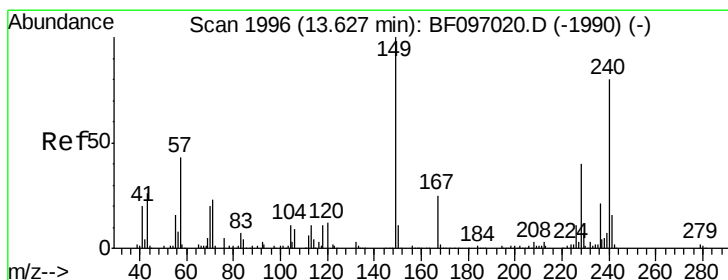
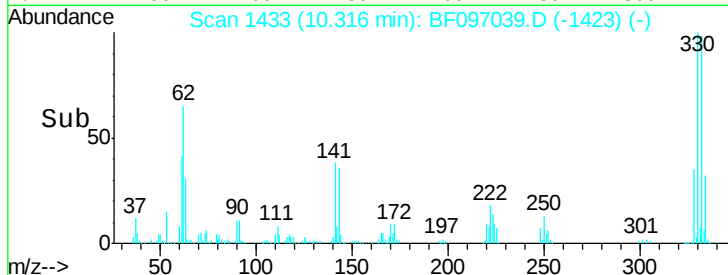
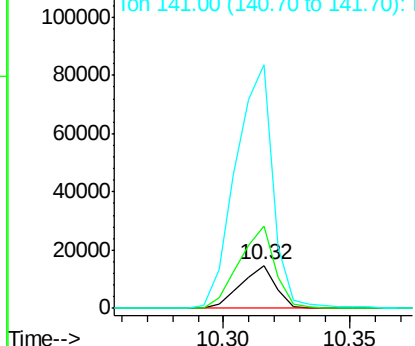
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14080
 Ion Ratio Lower Upper
 248 100
 250 192.7 76.8 115.2#
 141 565.9 68.6 103.0#

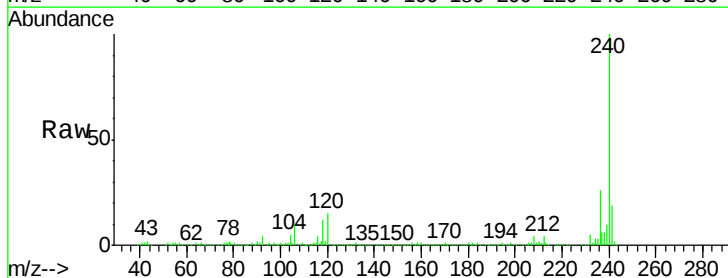


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

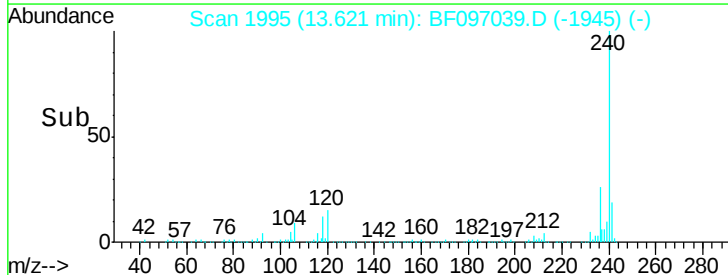
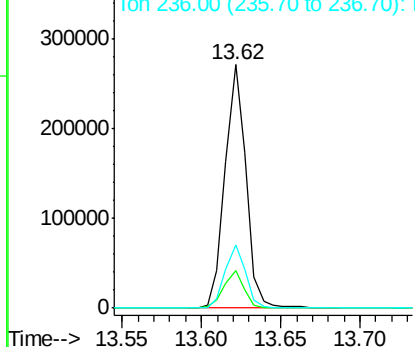


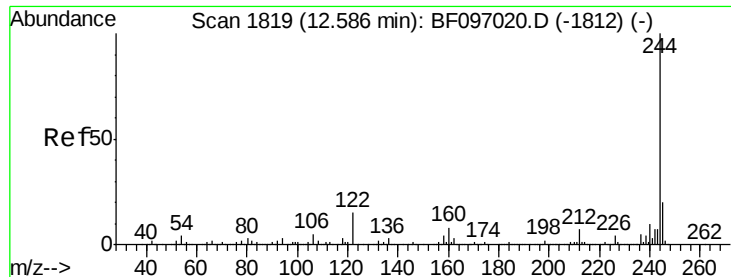
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion:240 Resp: 248112
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 26.0 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

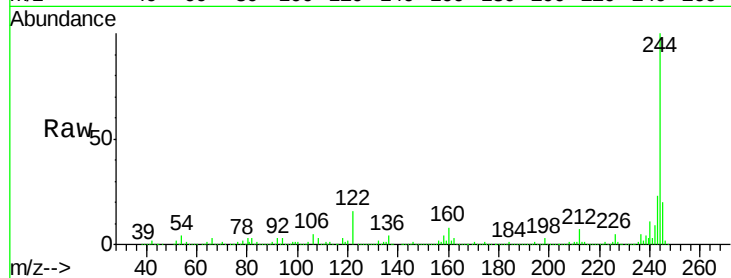




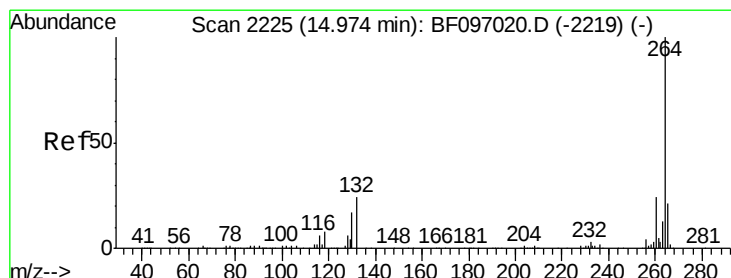
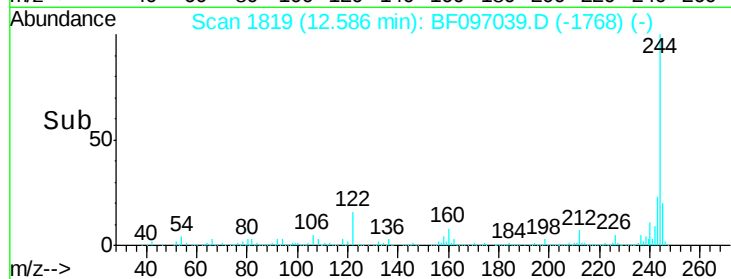
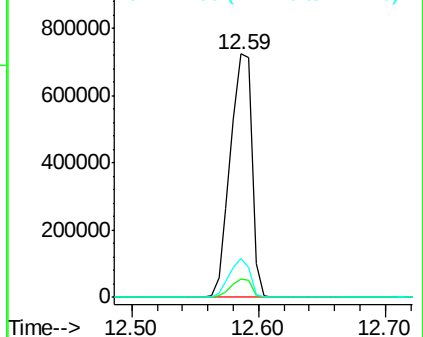
#78
 Terphenyl-d14
 Concen: 70.14 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 853499
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 15.9 10.3 15.5#

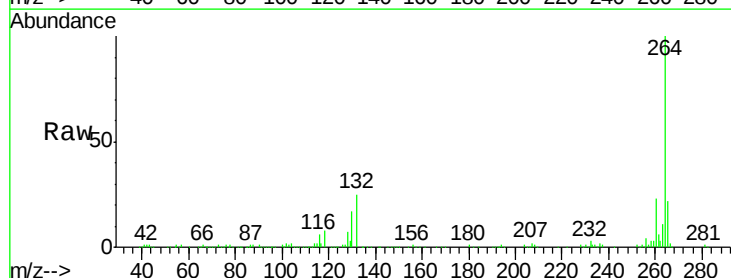


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion:264 Resp: 180799
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.8 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

