

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099233.D
 Acq On : 8 Oct 2017 15:39
 Operator : SJ/JU
 Sample : I5715-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:10:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

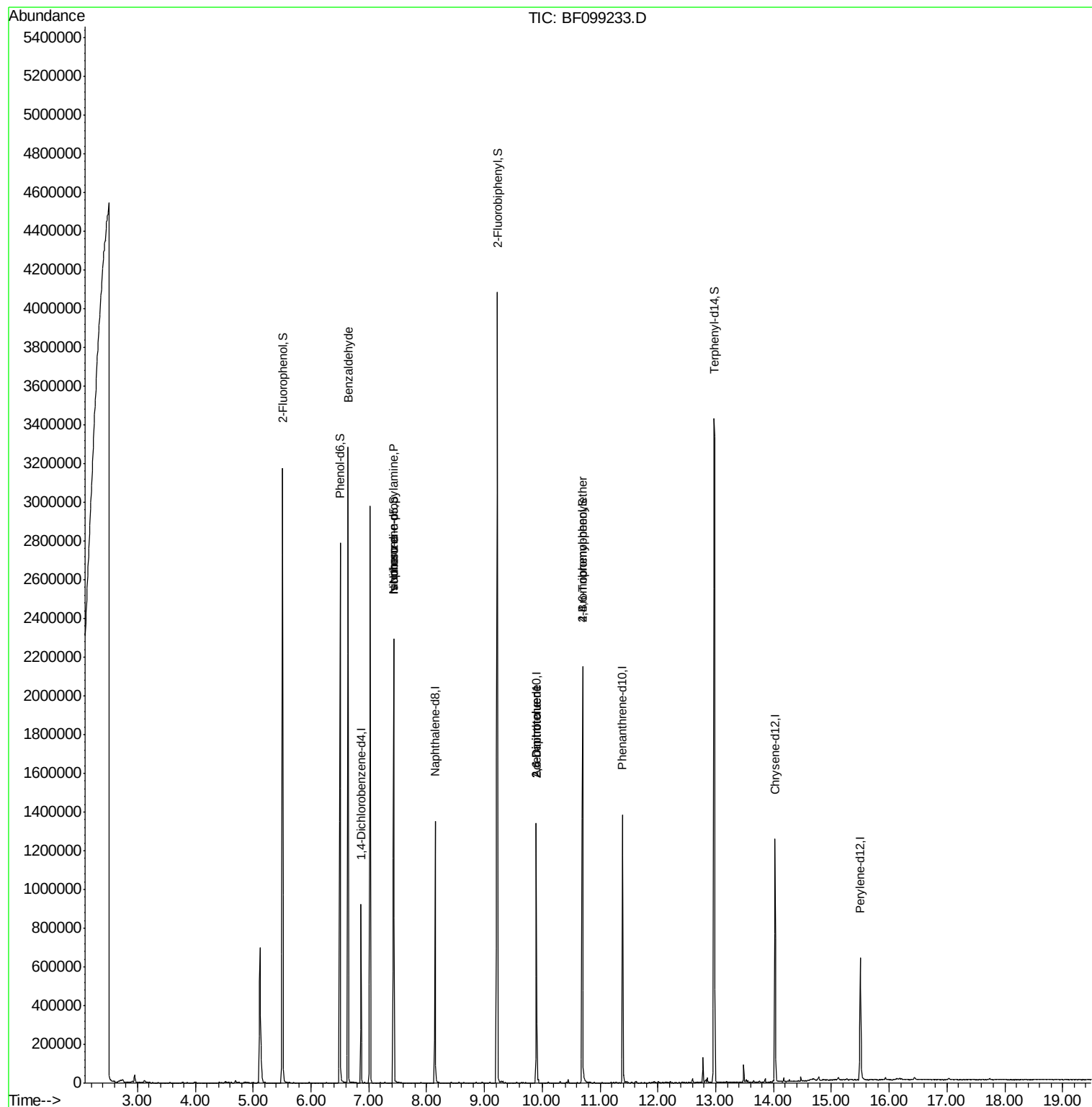
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142885	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	596841	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	278445	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	496705	20.00	ng	0.00
75) Chrysene-d12	14.03	240	390815	20.00	ng	0.00
86) Perylene-d12	15.50	264	280316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1059908	118.09	ng	0.03
7) Phenol-d6	6.50	99	1164121	105.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	857293	92.12	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	312820	137.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1528841	91.66	ng	0.00
78) Terphenyl-d14	12.97	244	1408744	81.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	21570	3.36	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.43	70	110495	15.63	ng	# 72
25) Isophorone	7.43	82	857285	44.55	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	35104	7.67	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	35104	5.91	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	21302	4.38	ng	# 1

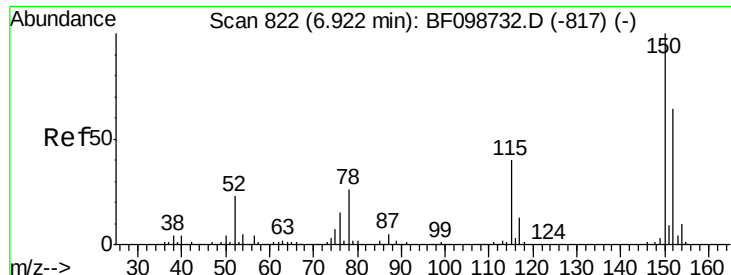
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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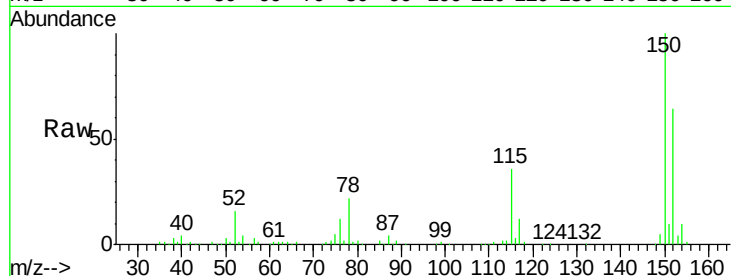


#1

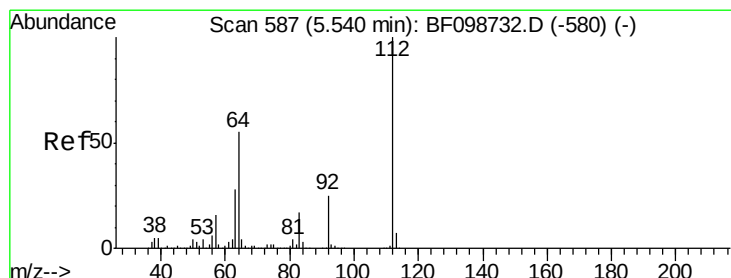
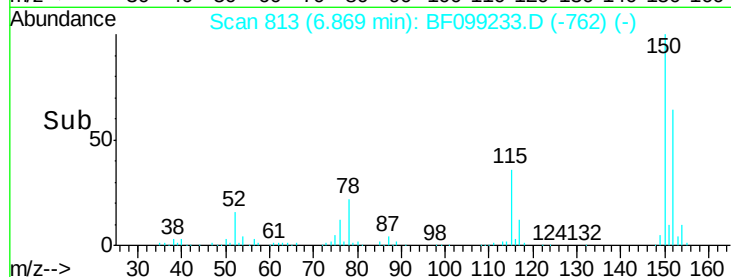
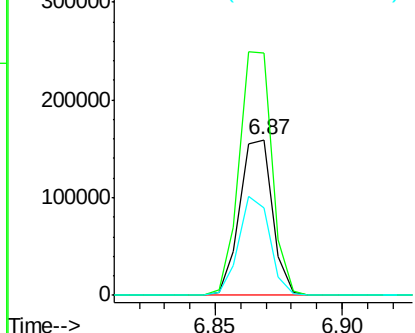
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142885
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.3 50.1 75.1



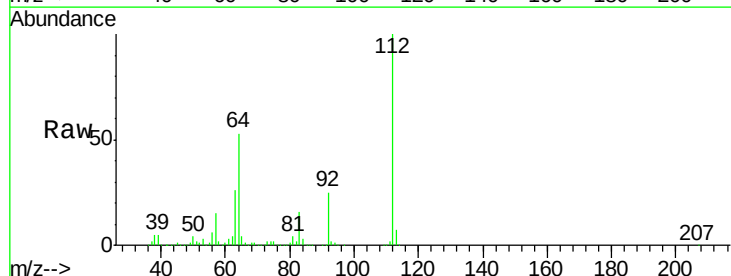
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



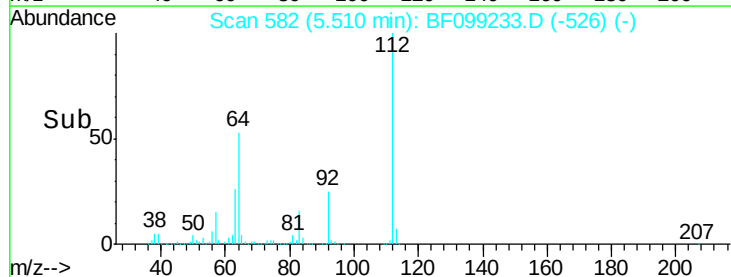
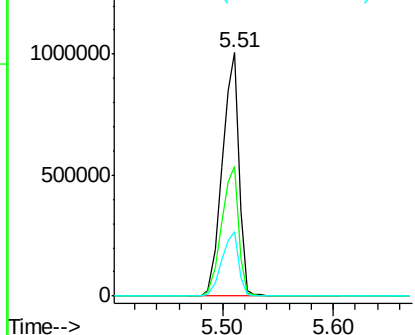
#5

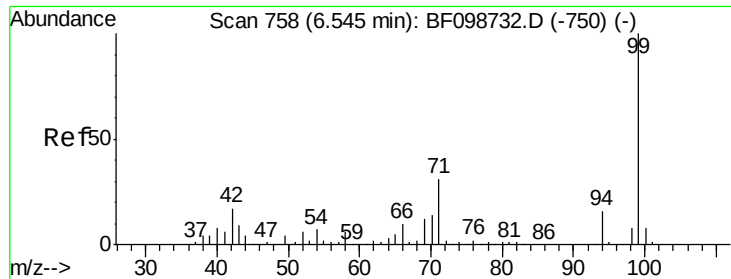
2-Fluorophenol
Concen: 118.09 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.03 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Tgt Ion:112 Resp: 1059908
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.3 23.7 35.5



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: 105.14 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

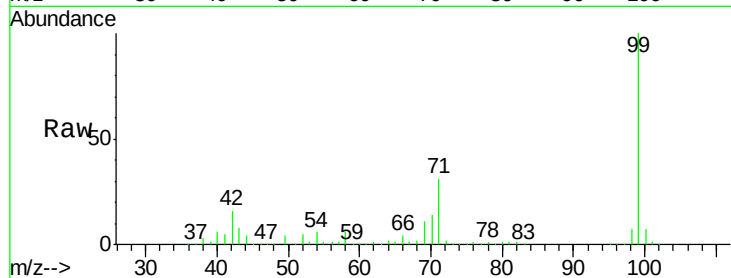
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1164121

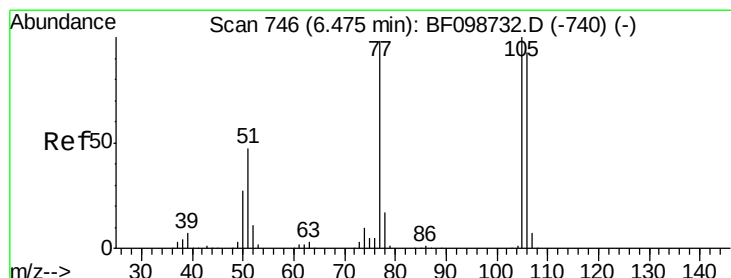
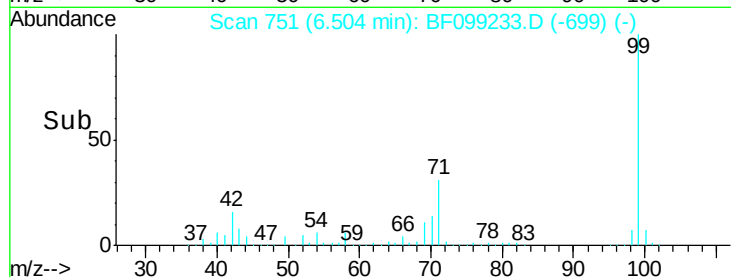
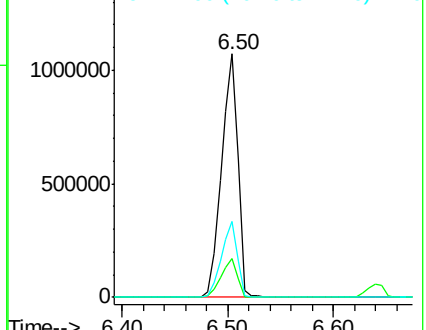
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	31.2	25.4	38.0



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: 3.36 ng

RT: 6.65 min Scan# 775

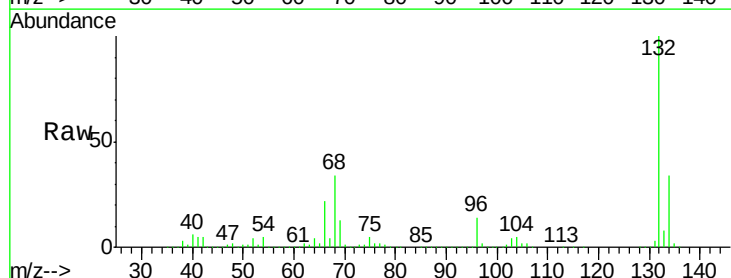
Delta R.T. 0.22 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Tgt Ion: 77 Resp: 21570

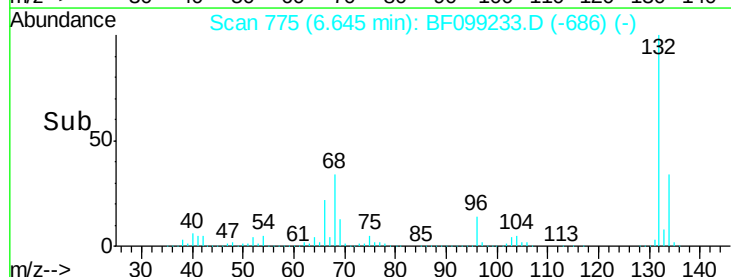
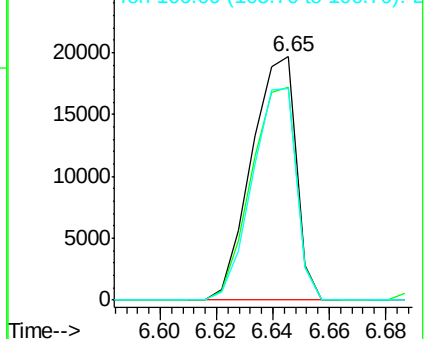
Ion	Ratio	Lower	Upper
77	100		
105	87.7	81.1	121.1
106	87.1	74.5	114.5

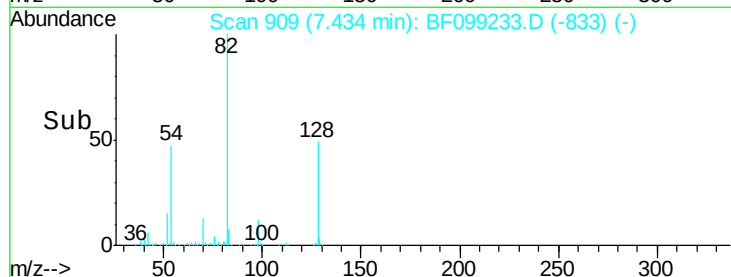
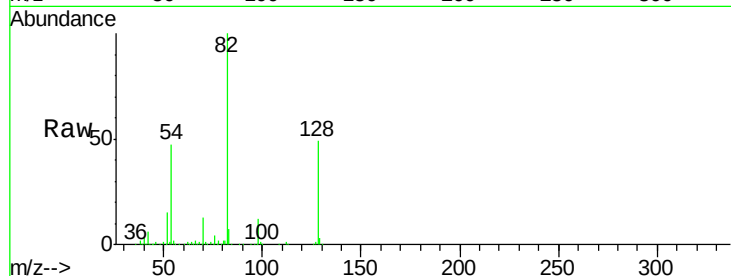
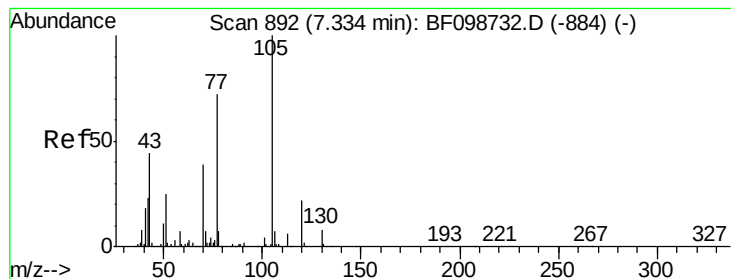


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.63 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 110495

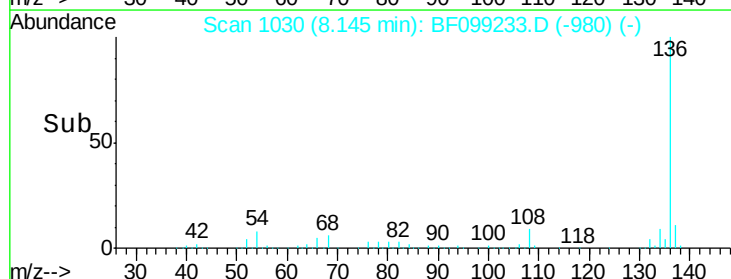
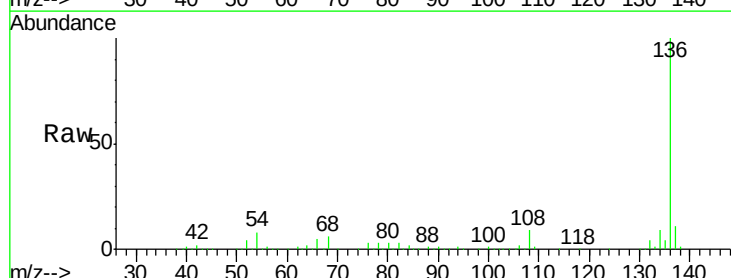
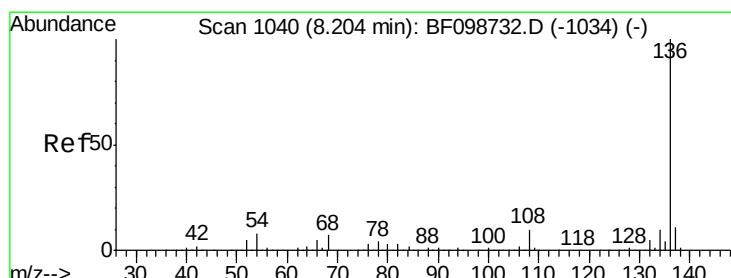
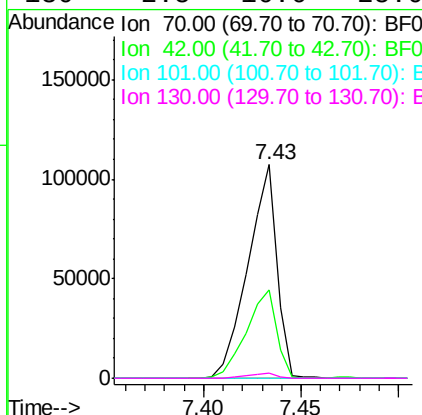
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Tgt Ion: 136 Resp: 596841

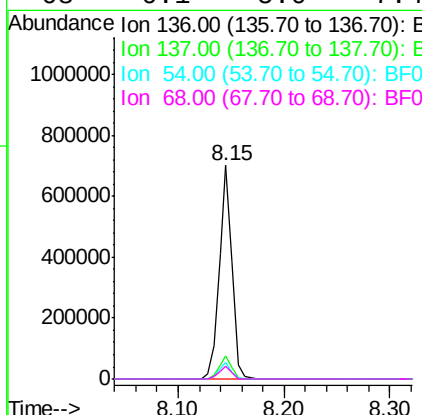
Ion Ratio Lower Upper

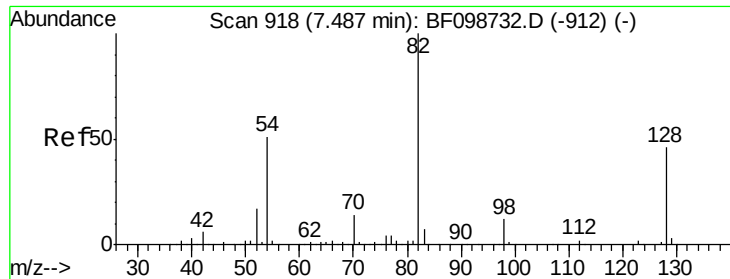
136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.1 5.0 7.4

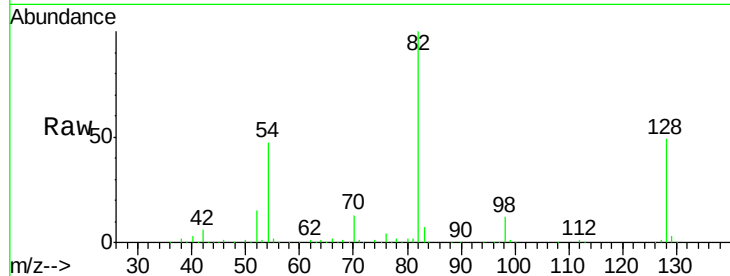




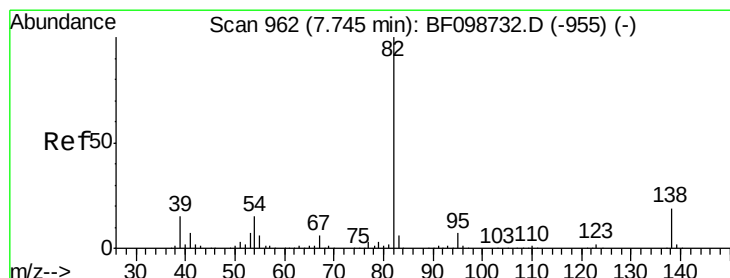
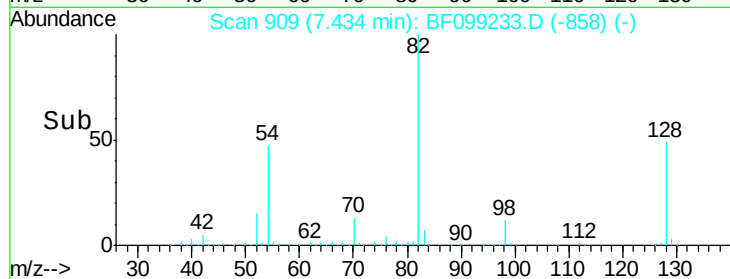
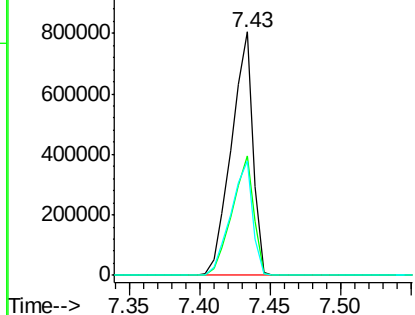
#23
 Nitrobenzene-d5
 Concen: 92.12 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 857293
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 46.9 41.4 62.2

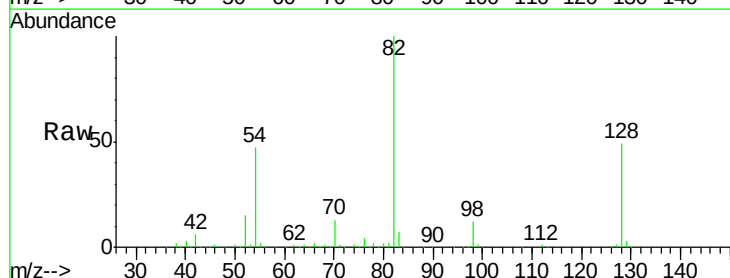


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

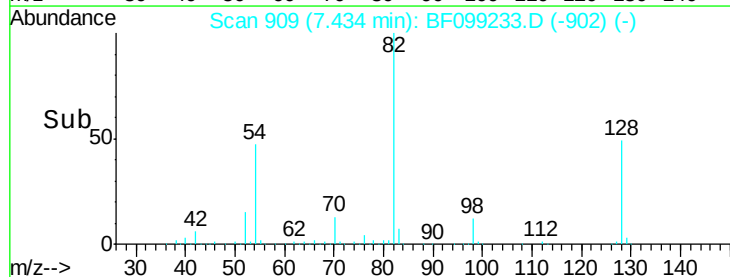
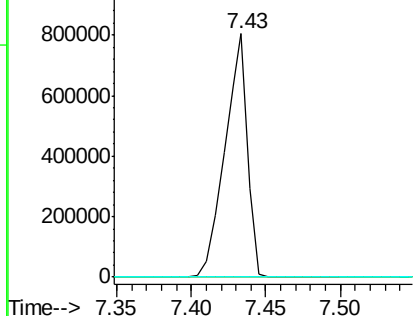


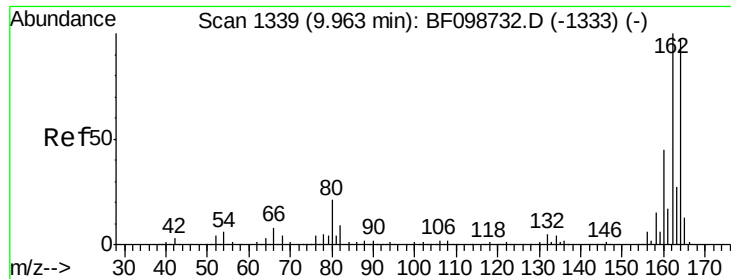
#25
 Isophorone
 Concen: 44.55 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Tgt Ion: 82 Resp: 857285
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

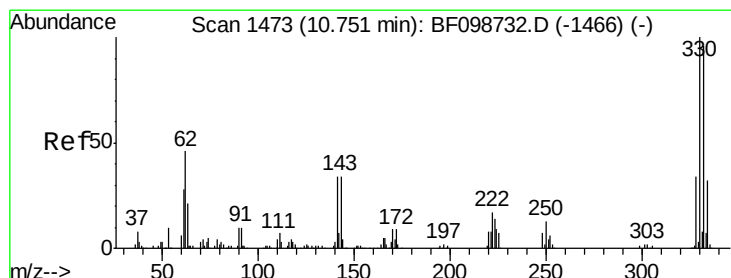
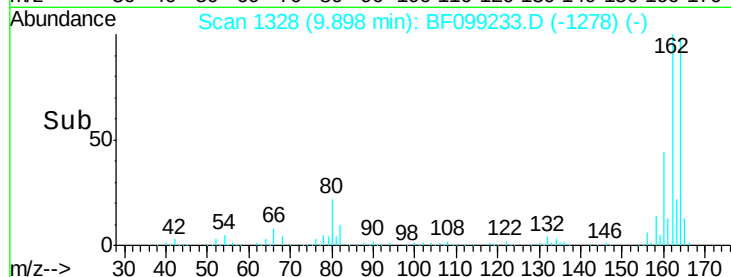
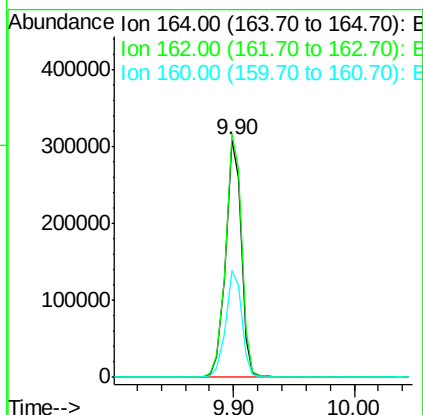
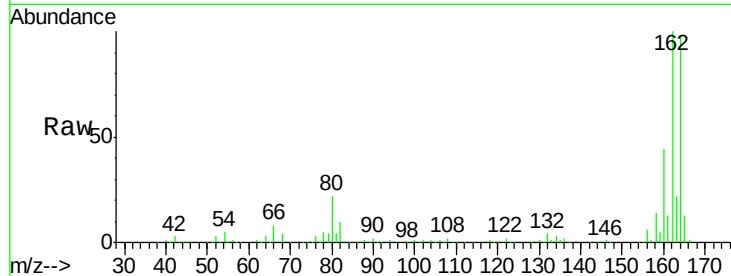




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

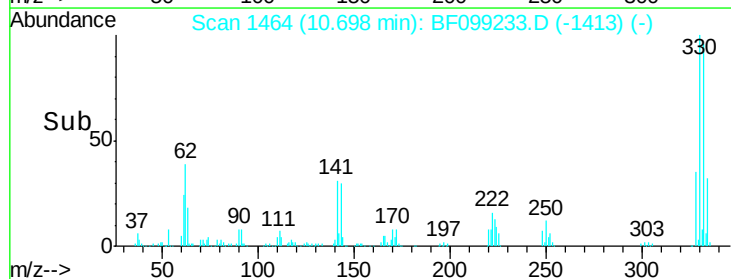
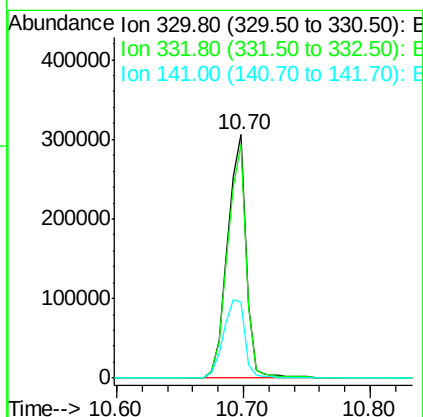
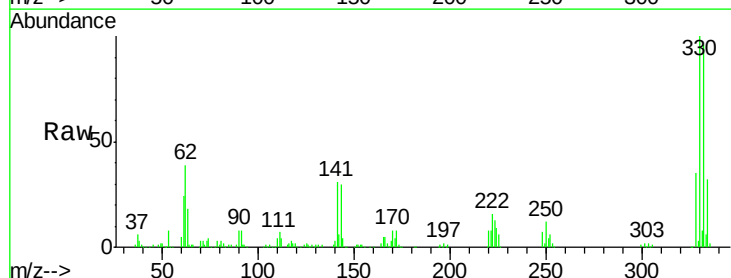
Instrument :
BNA_F
ClientSampleId :

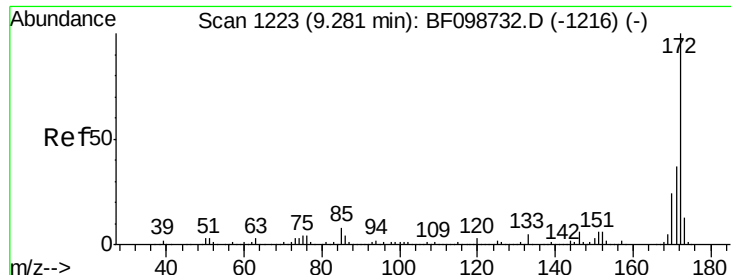
Tot Ion:164 Resp: 278445
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 44.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 137.30 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Tgt Ion:330 Resp: 312820
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 37.5 29.9 44.9



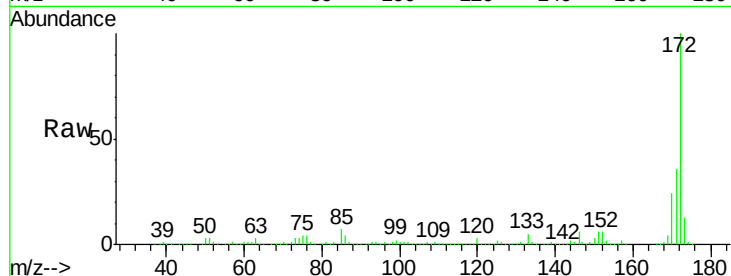


#44
 2-Fluorobiphenyl
 Concen: 91.66 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

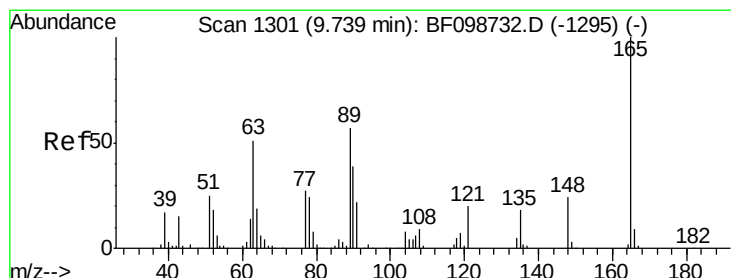
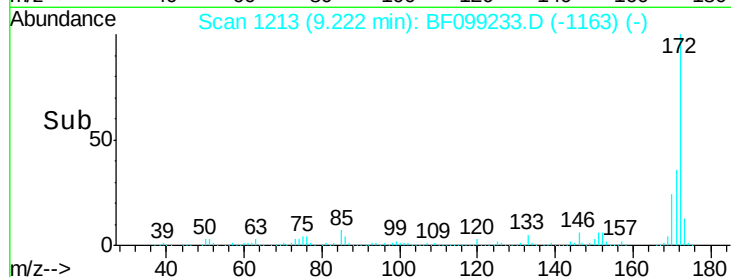
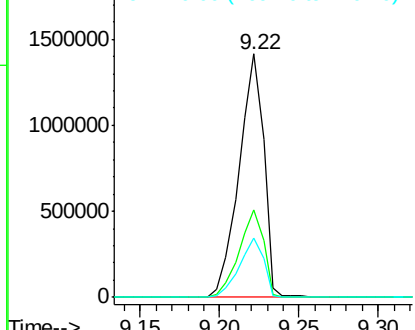
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1528841

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4



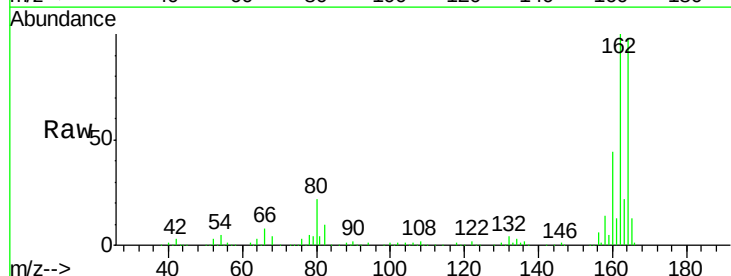
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



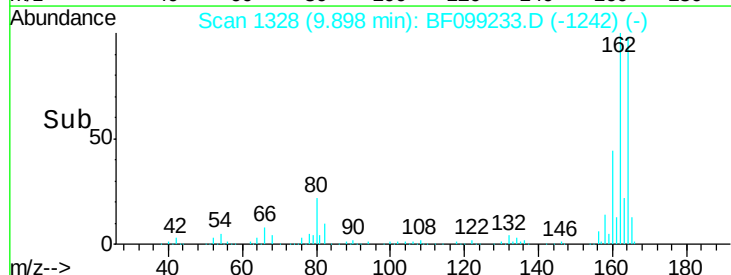
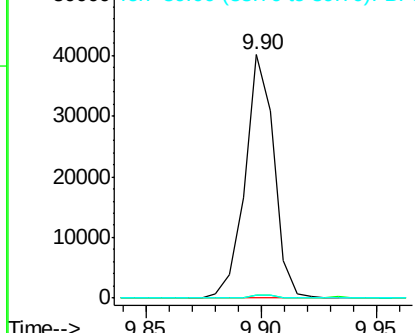
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

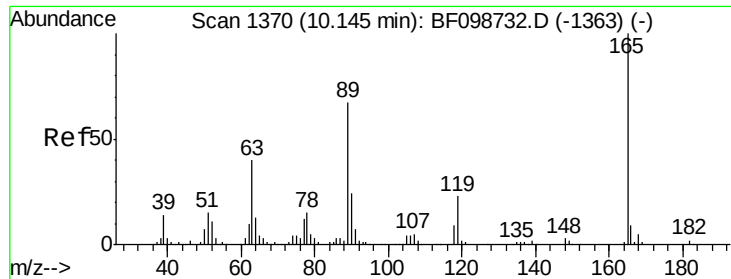
Tgt Ion:165 Resp: 35104

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#



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

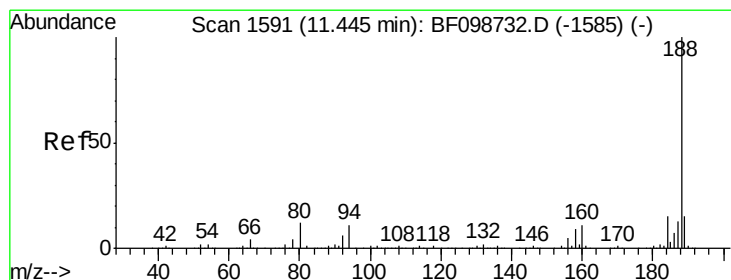
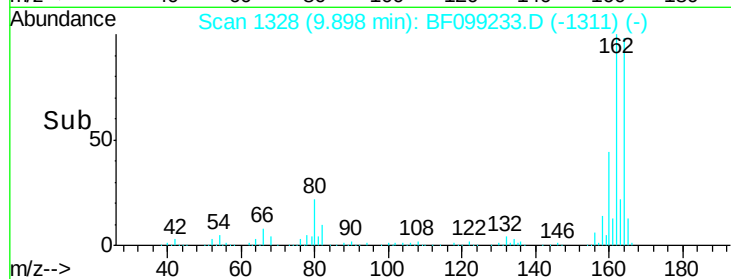
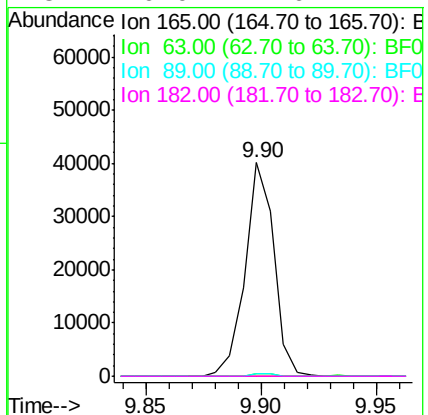
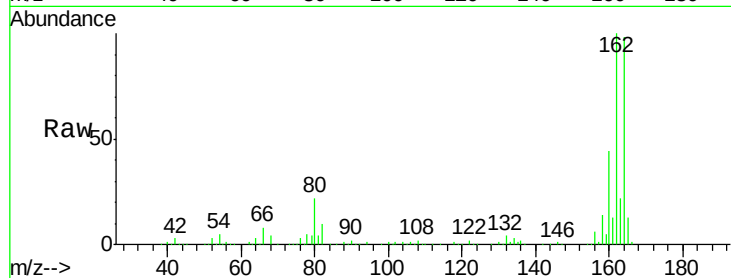




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

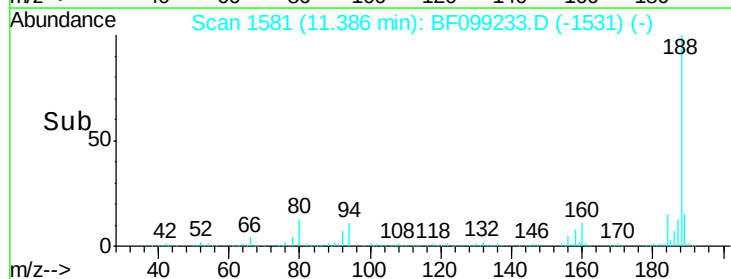
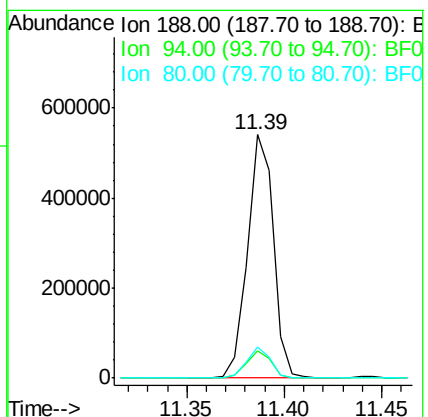
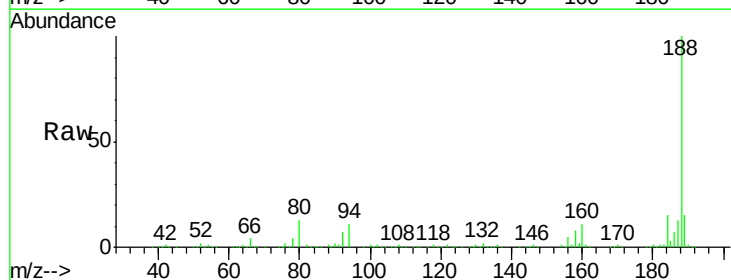
Instrument :
 BNA_F
 ClientSampleId :

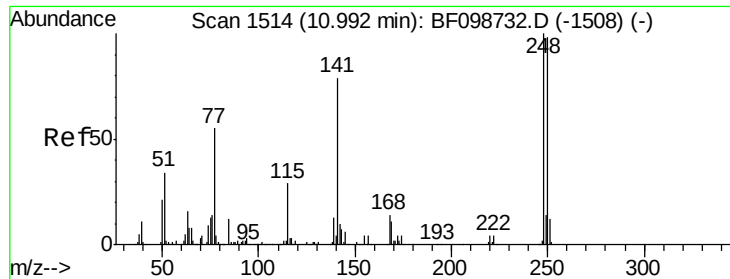
Tot Ion:165	Resp:	35104
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Tgt Ion:188	Resp:	496705
Ion Ratio	Lower	Upper
188	100	
94	11.4	8.5 12.7
80	12.7	9.2 13.8

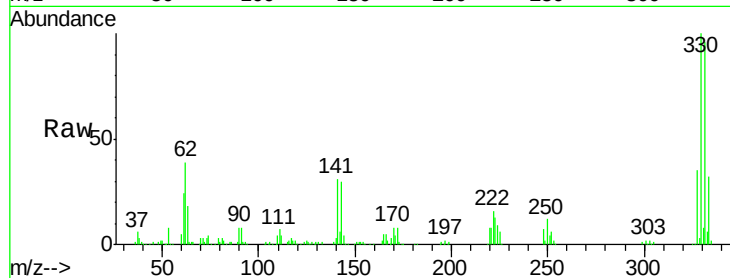




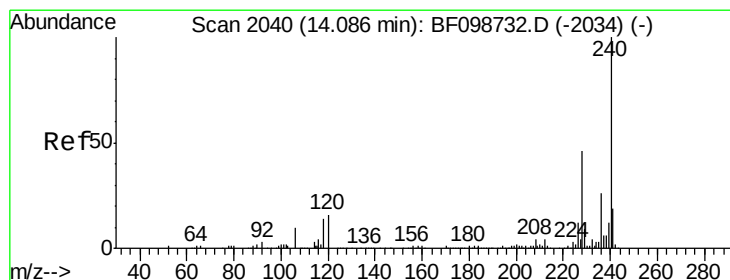
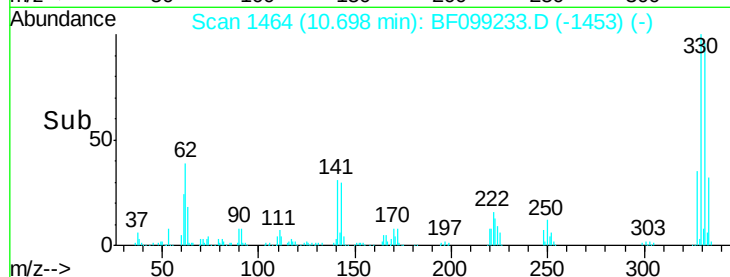
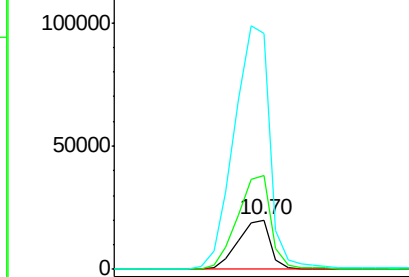
#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21302
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 479.8 74.4 111.6#

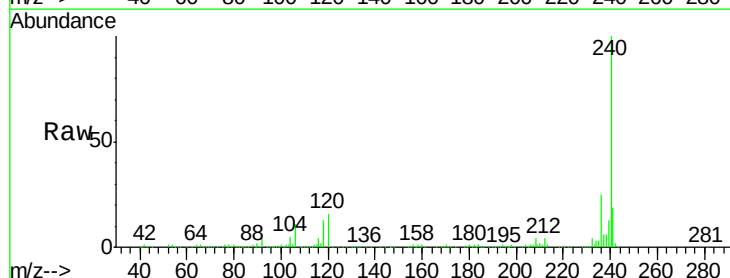


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

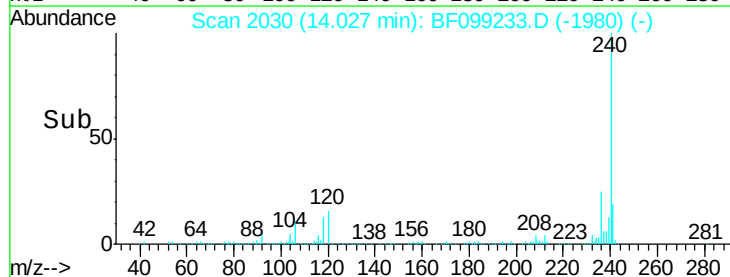
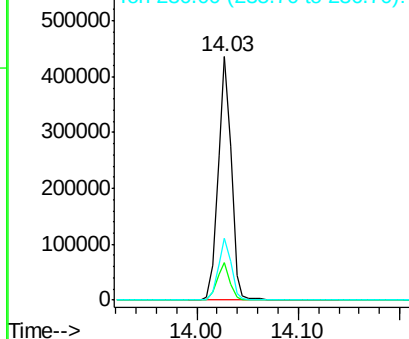


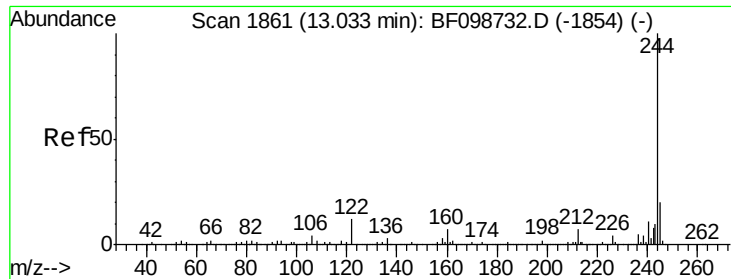
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Tgt Ion:240 Resp: 390815
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 25.4 20.7 31.1



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

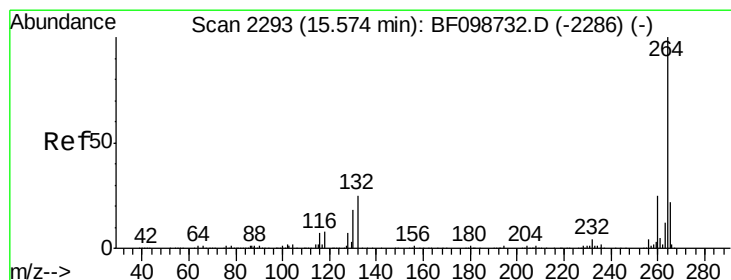
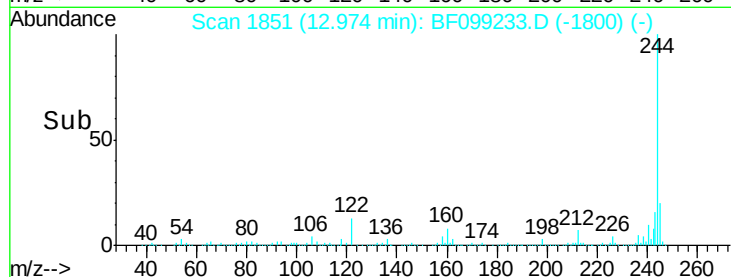
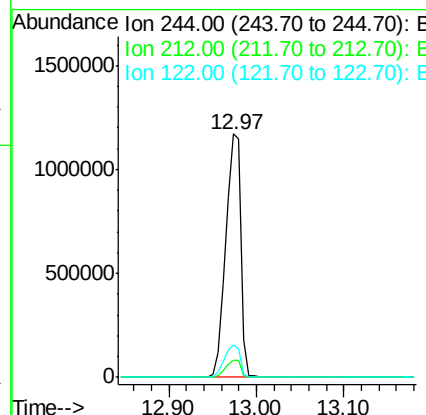
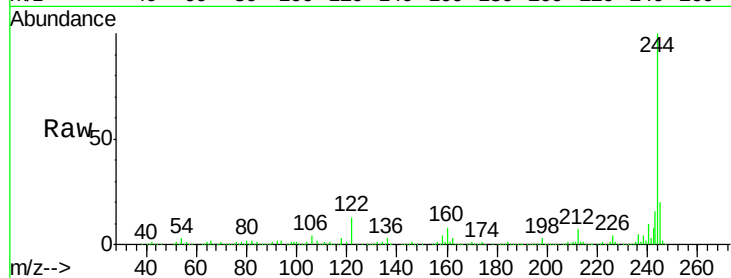




#78
 Terphenyl-d14
 Concen: 81.98 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1408744
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Tgt Ion:264 Resp: 280316
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.8 17.5 26.3

