

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099225.D
 Acq On : 8 Oct 2017 11:53
 Operator : SJ/JU
 Sample : PB103045BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:07:41 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

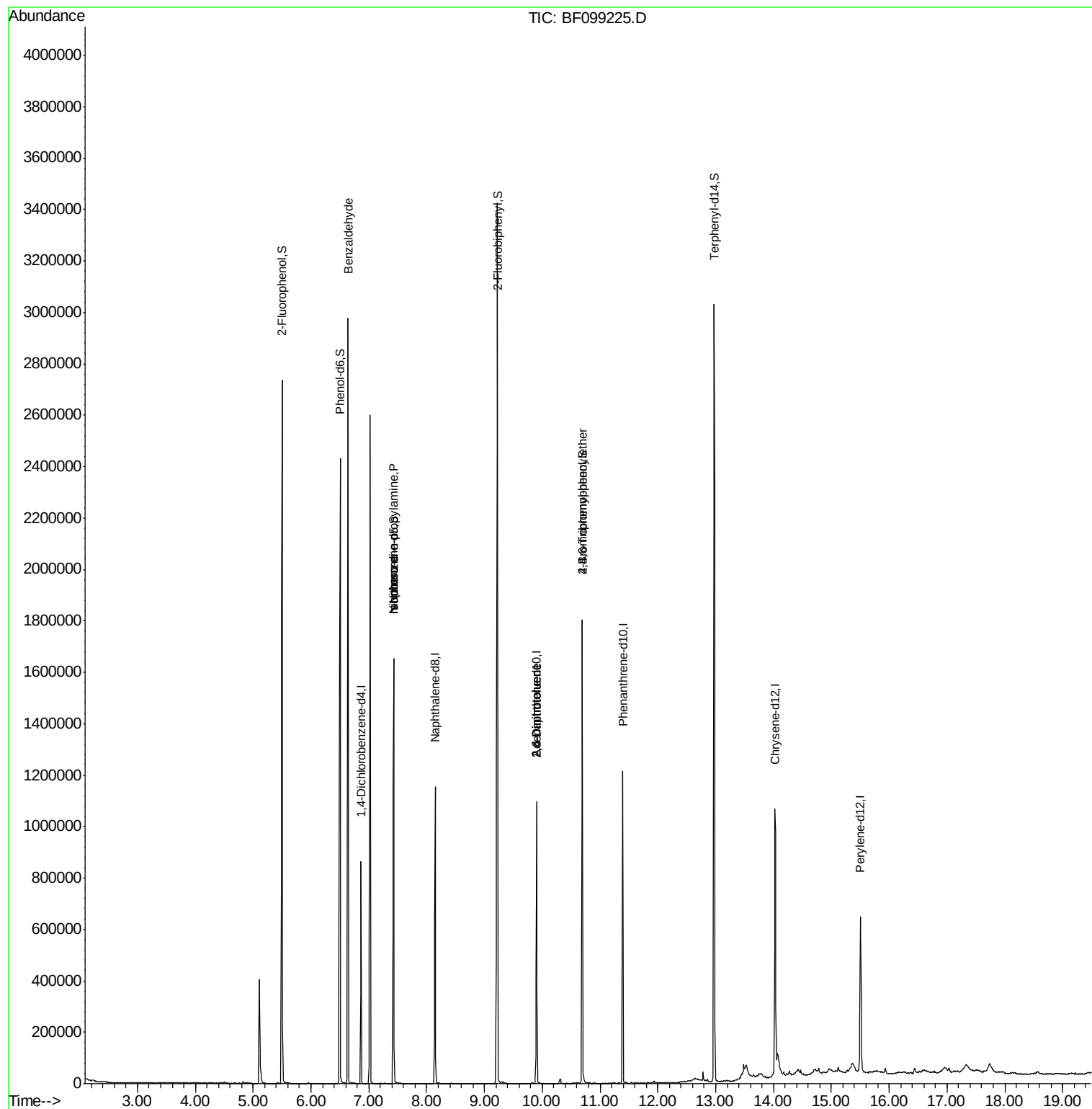
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124780	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	519782	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238949	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	431357	20.00	ng	0.00
75) Chrysene-d12	14.03	240	337859	20.00	ng	0.00
86) Perylene-d12	15.50	264	261652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	895656	114.26	ng	0.02
7) Phenol-d6	6.50	99	1055997	109.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	648947	80.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	225059	115.10	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1206716	84.31	ng	0.00
78) Terphenyl-d14	12.97	244	1081596	72.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	17466	3.11	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.43	70	82047	13.29	ng	# 74
25) Isophorone	7.43	82	648941	38.73	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30713	7.82	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	30713	6.03	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	15096	3.58	ng	# 1

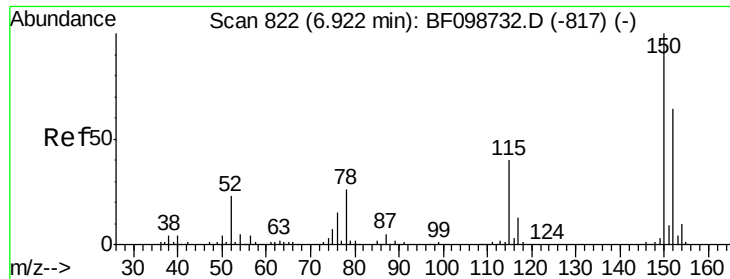
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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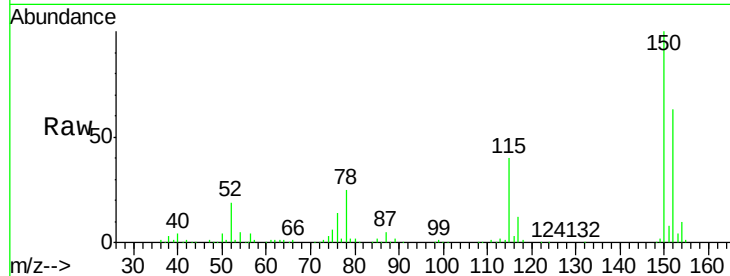


#1

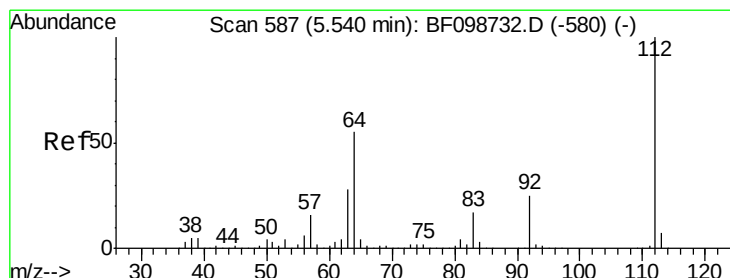
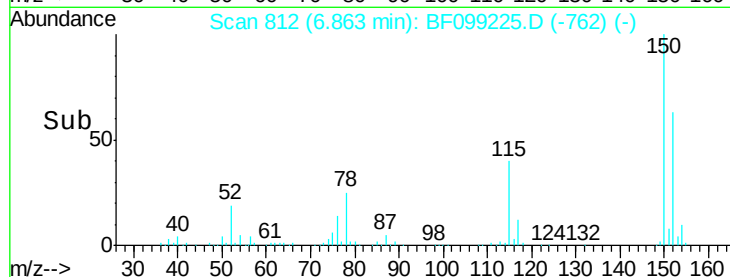
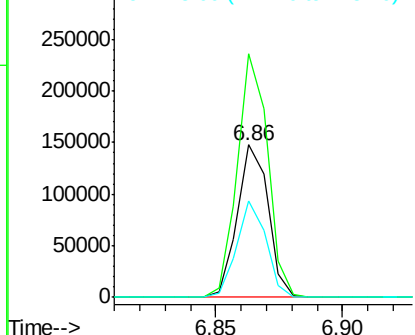
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124780
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 63.0 50.1 75.1



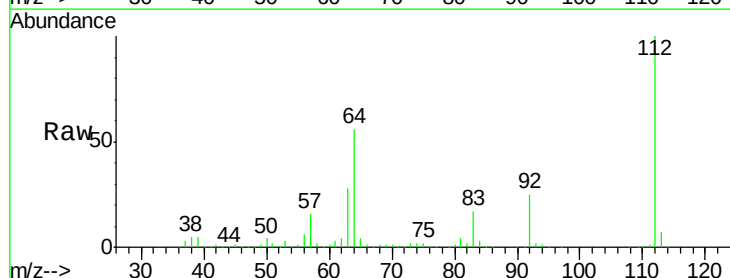
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



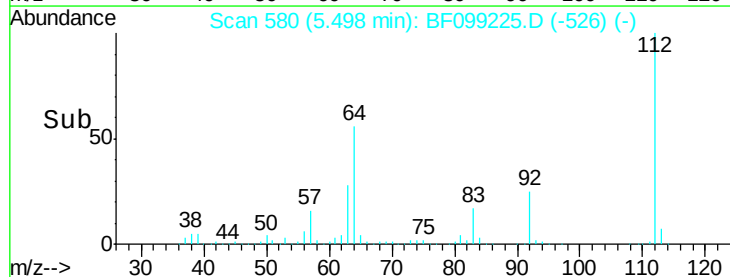
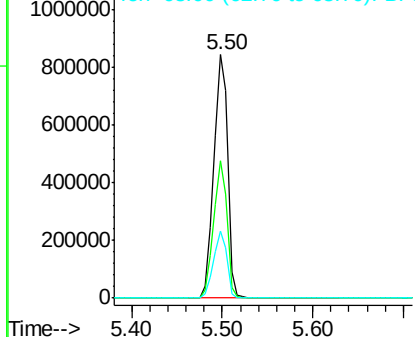
#5

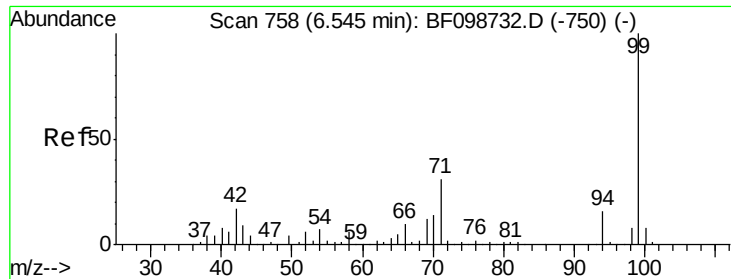
2-Fluorophenol
Concen: 114.26 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Tgt Ion:112 Resp: 895656
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.6 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: 109.21 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

Instrument :

BNA_F

ClientSampleId :

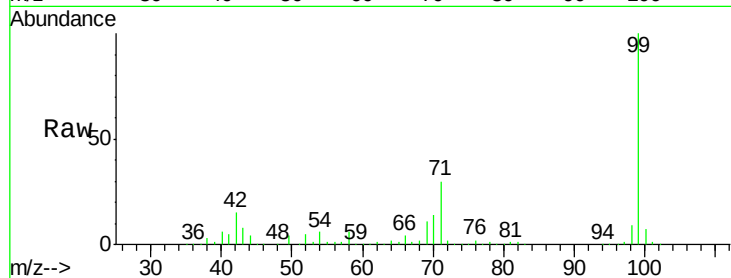
Tot Ion: 99 Resp: 1055997

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	29.7	25.4	38.0

99 100

42 15.1 14.5 21.7

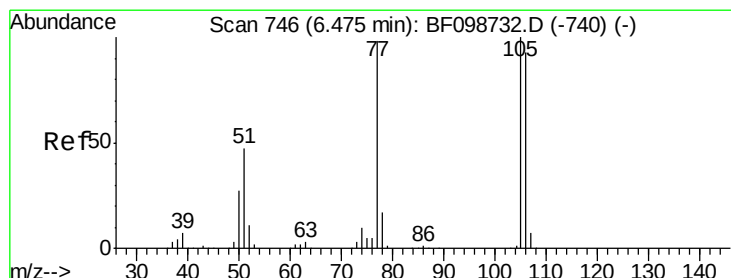
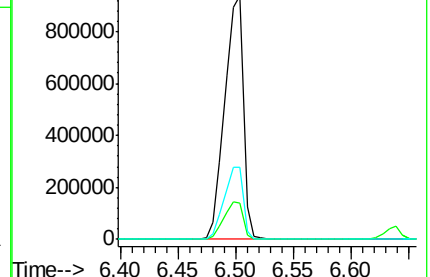
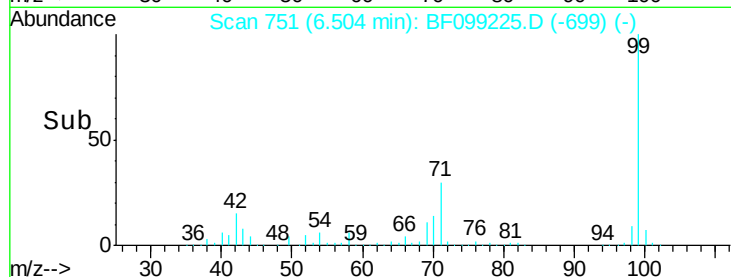
71 29.7 25.4 38.0



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: 3.11 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099225.D

Acq: 8 Oct 2017 11:53

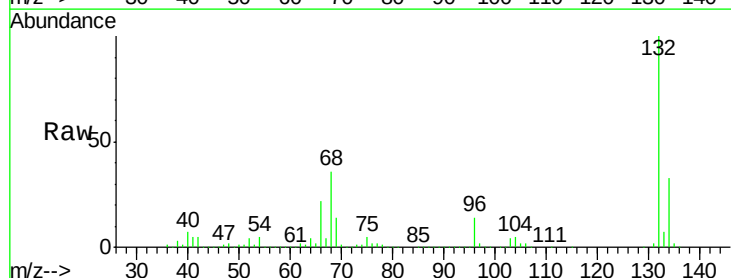
Tgt Ion: 77 Resp: 17466

Ion	Ratio	Lower	Upper
77	100		
105	82.0	81.1	121.1
106	78.0	74.5	114.5

77 100

105 82.0 81.1 121.1

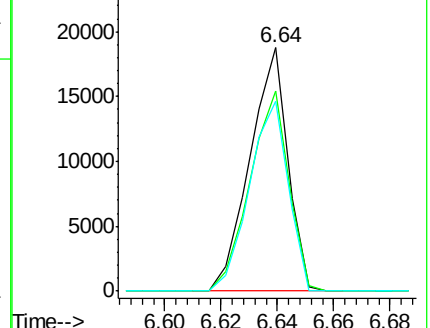
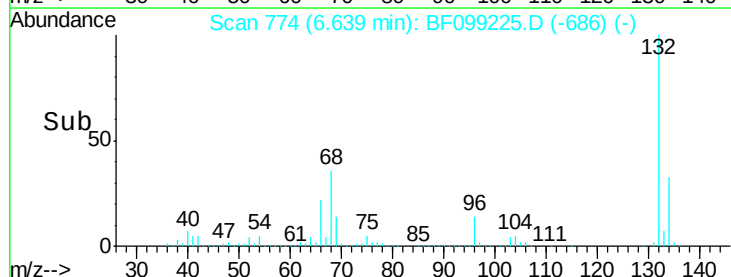
106 78.0 74.5 114.5

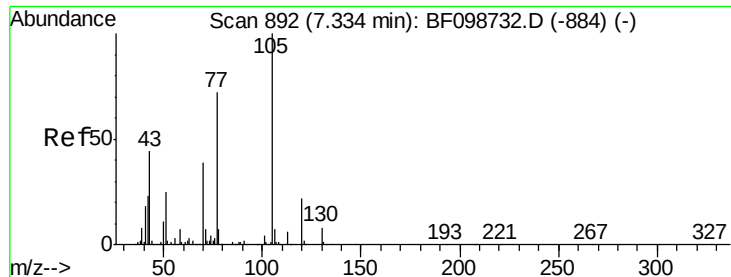


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

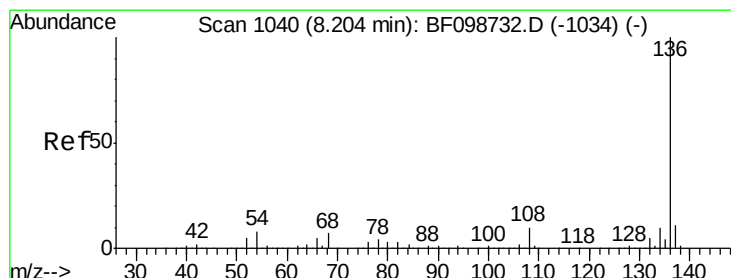
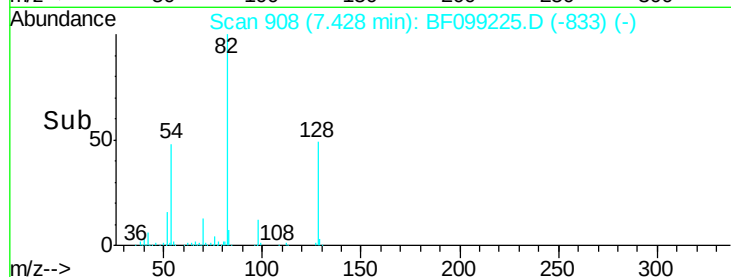
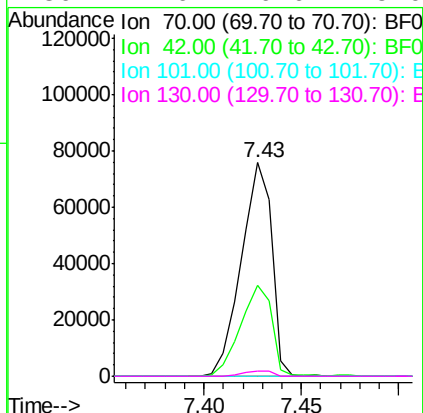
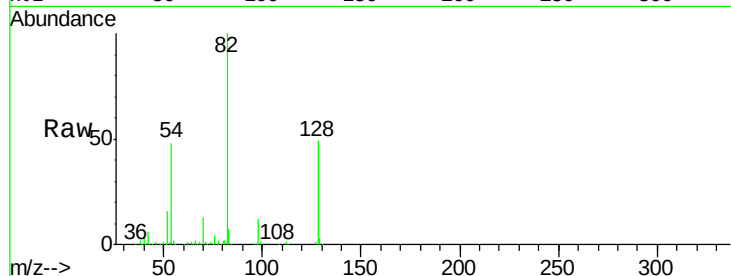




#19
n-Nitroso-di-n-propylamine
Concen: 13.29 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

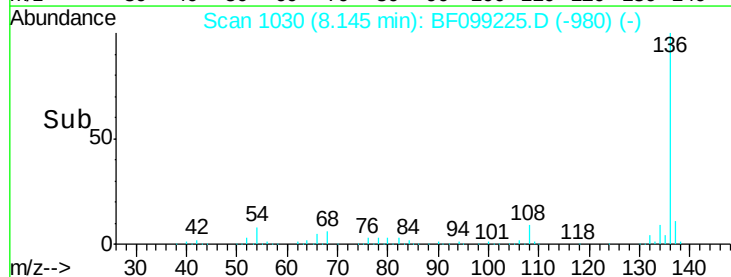
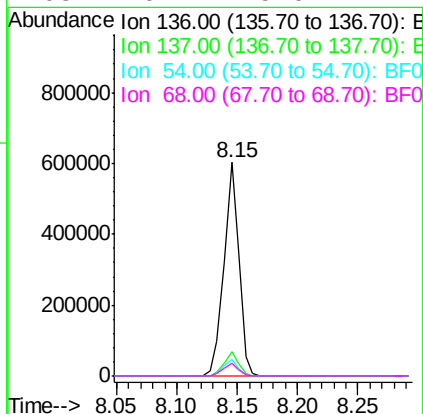
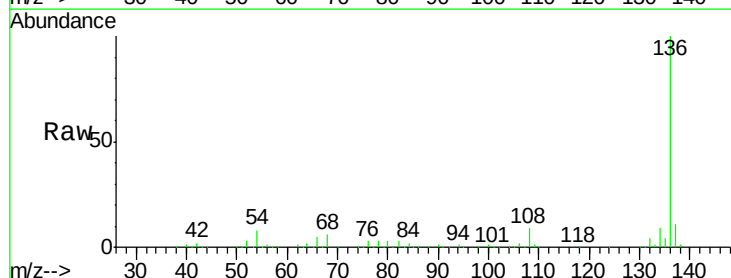
Instrument :
BNA_F
ClientSampled :

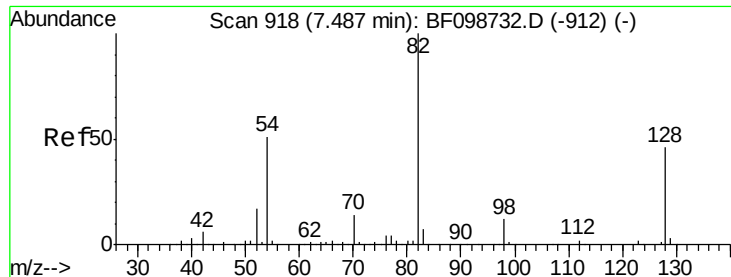
Tot Ion: 70 Resp: 82047
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Tgt Ion:136 Resp: 519782
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.5 6.6 9.8
68 6.1 5.0 7.4

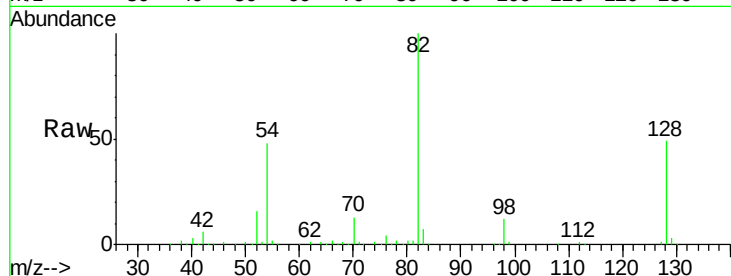




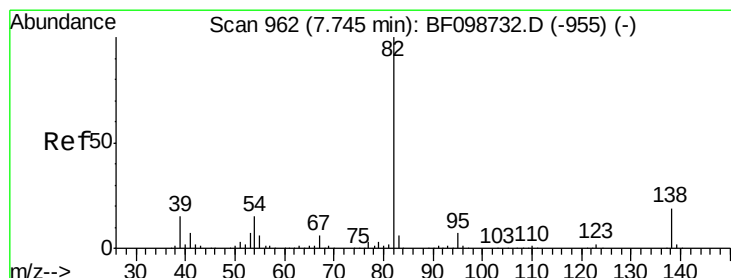
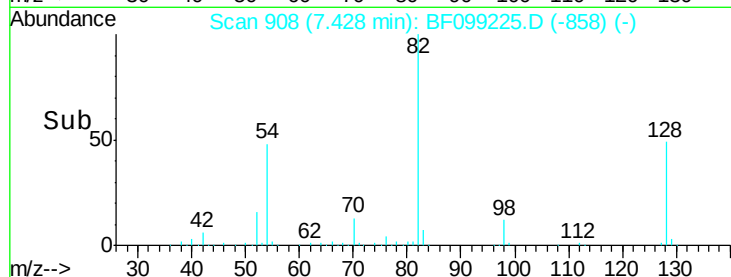
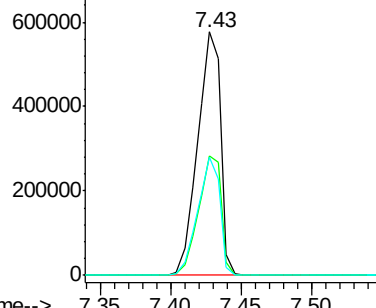
#23
 Nitrobenzene-d5
 Concen: 80.07 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	648947
Ion Ratio	100	Lower	Upper
128	48.9	36.1	54.1
54	48.3	41.4	62.2

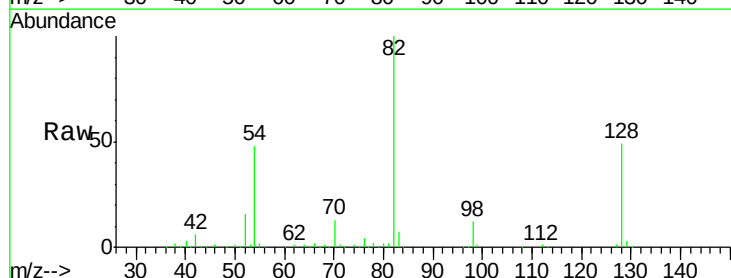


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

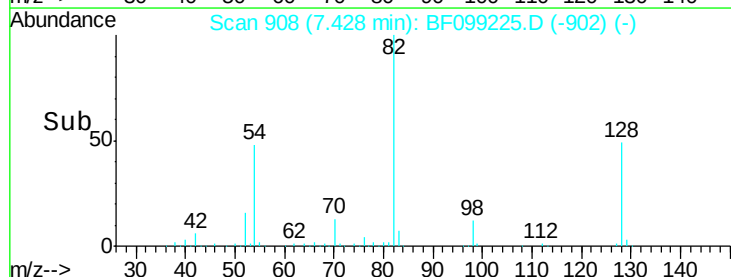
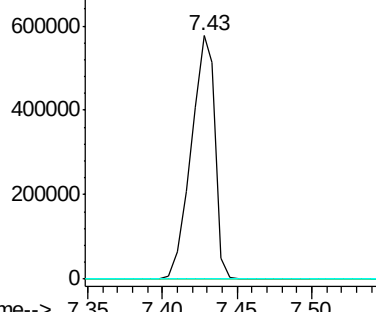


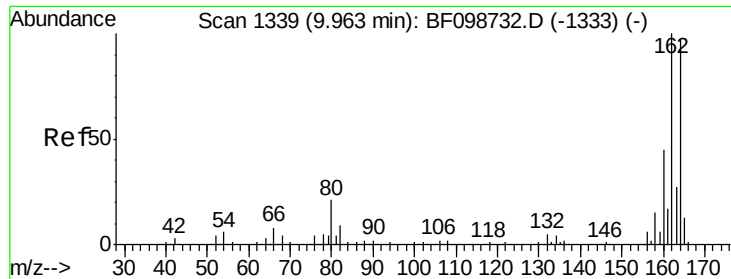
#25
 Isophorone
 Concen: 38.73 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Tgt Ion	82	Resp	648941
Ion Ratio	100	Lower	Upper
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

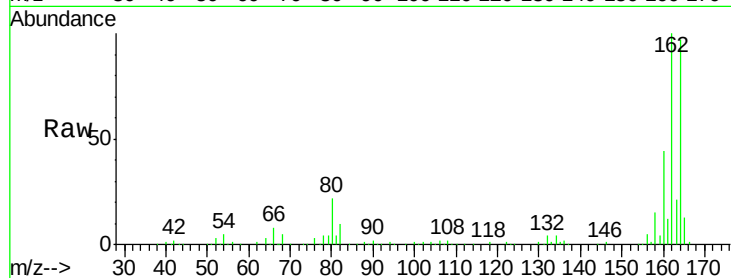




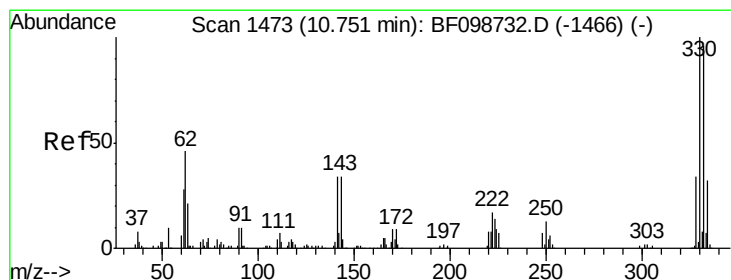
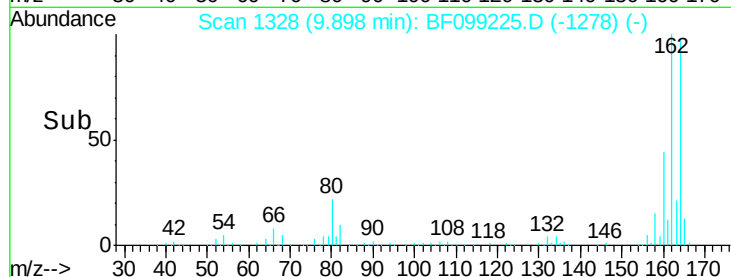
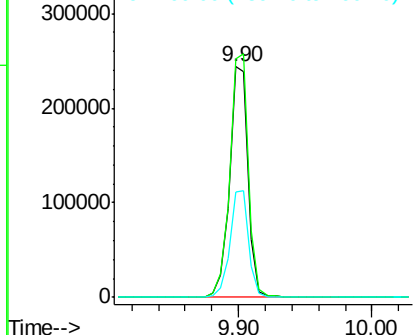
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 238949
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.8 38.3 57.5

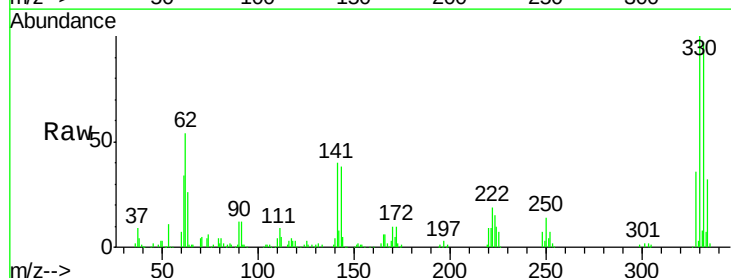


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

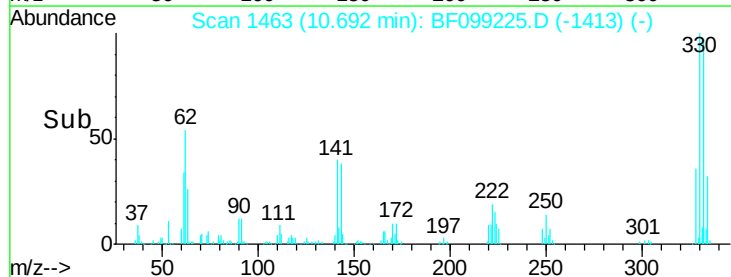
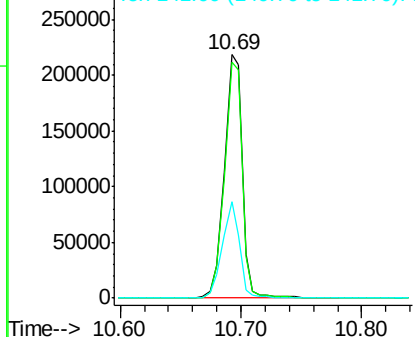


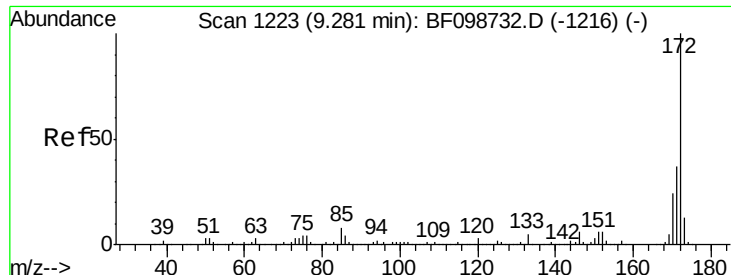
#41
2,4,6-Tribromophenol
Concen: 115.10 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Tgt Ion:330 Resp: 225059
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 38.0 29.9 44.9



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



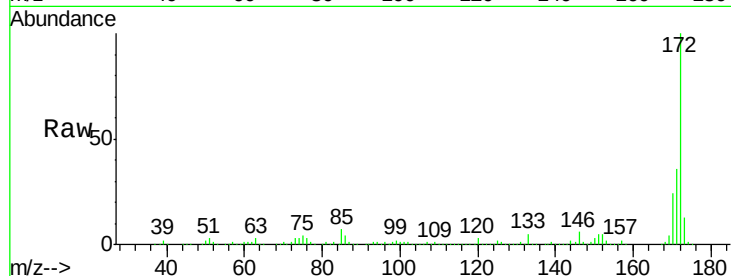


#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

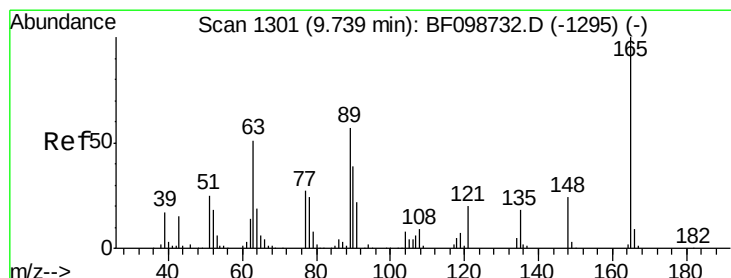
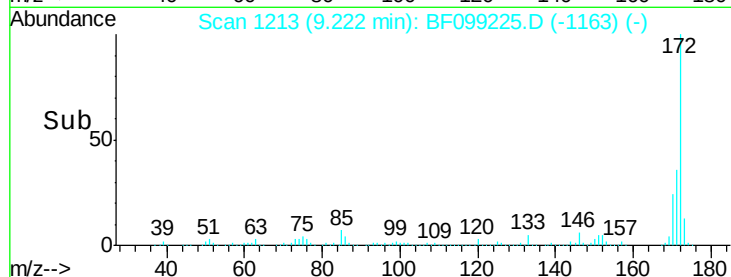
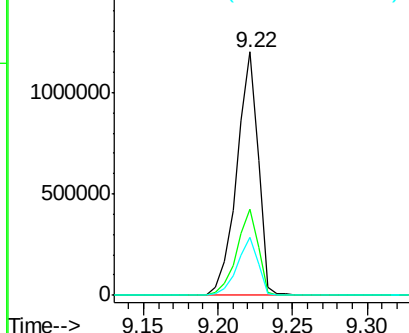
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1206716

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	19.6	29.4



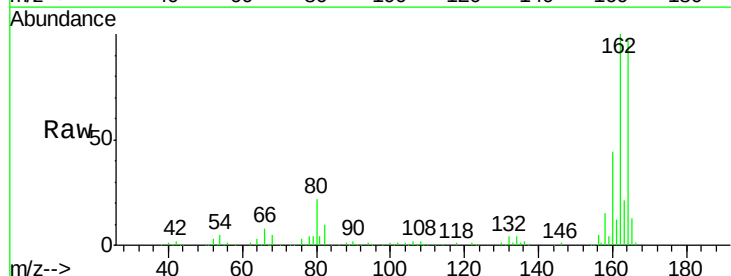
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



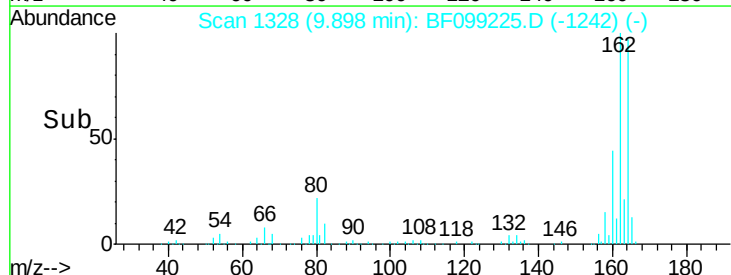
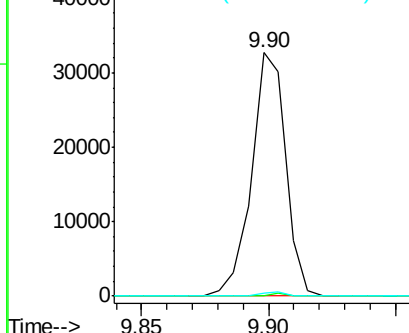
#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

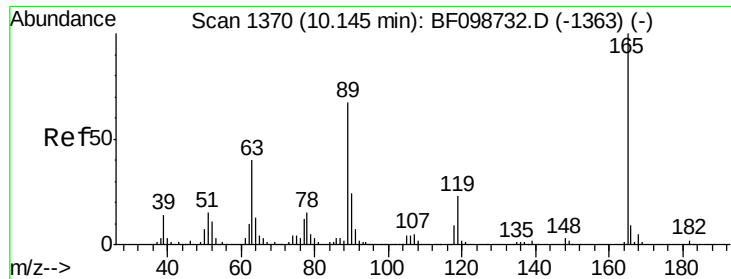
Tgt Ion:165 Resp: 30713

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.0	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

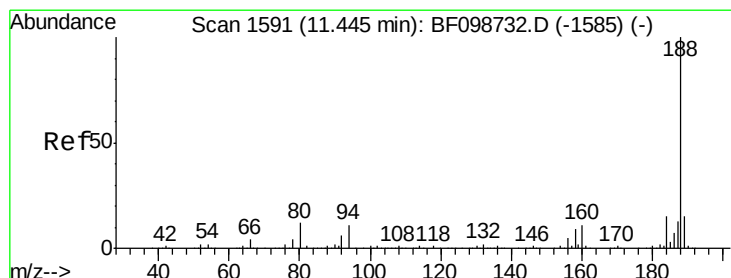
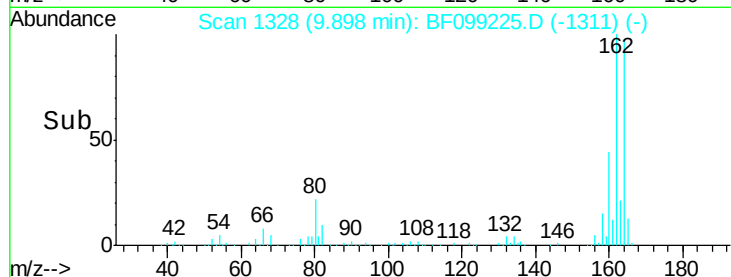
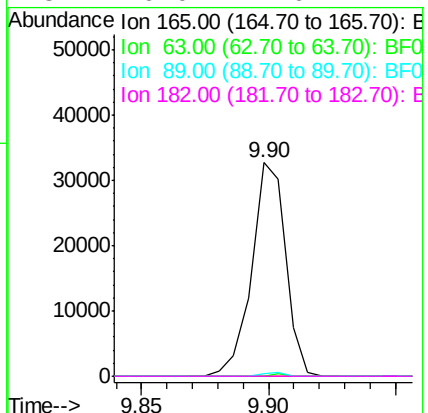
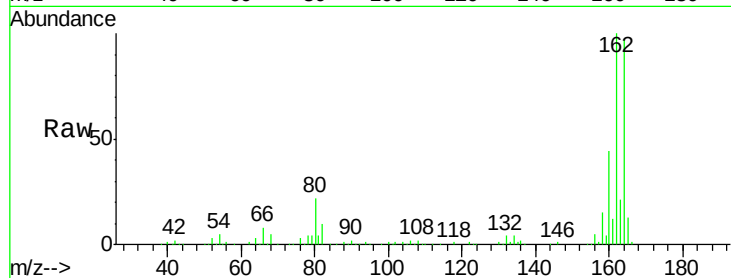




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

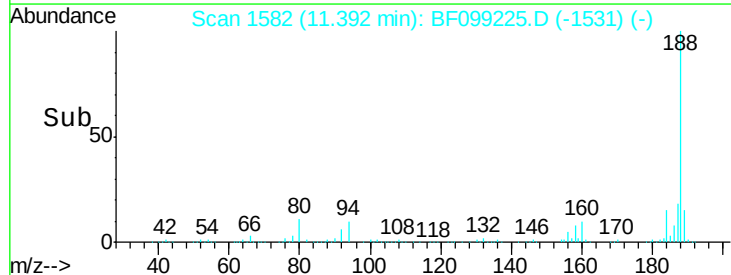
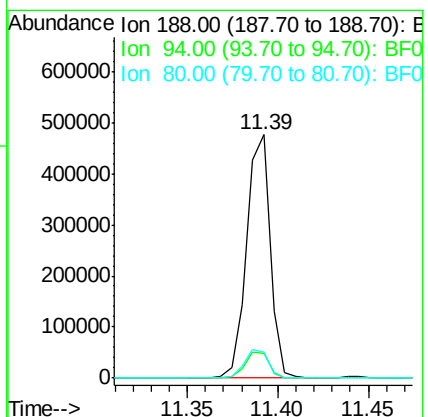
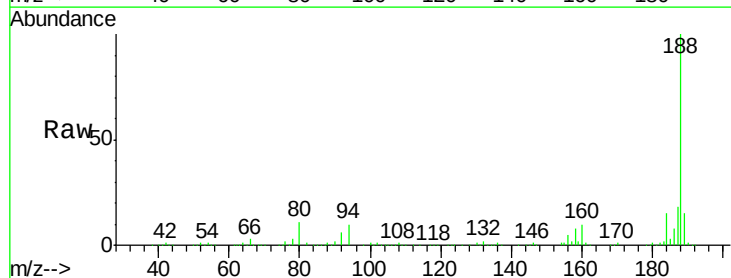
Instrument :
 BNA_F
 ClientSampled :

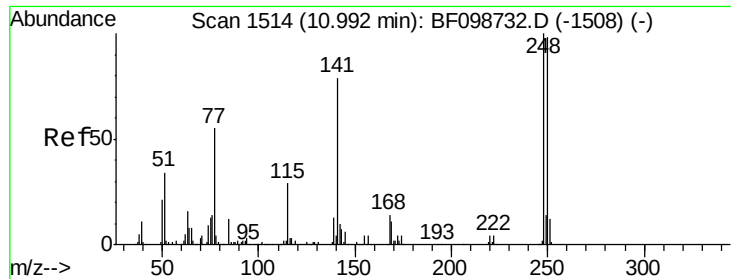
Tot Ion:165	Resp:	30713
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Tgt Ion:188	Resp:	431357
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.5 12.7
80	10.8	9.2 13.8

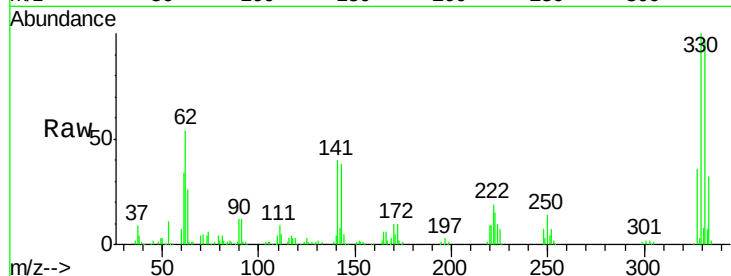




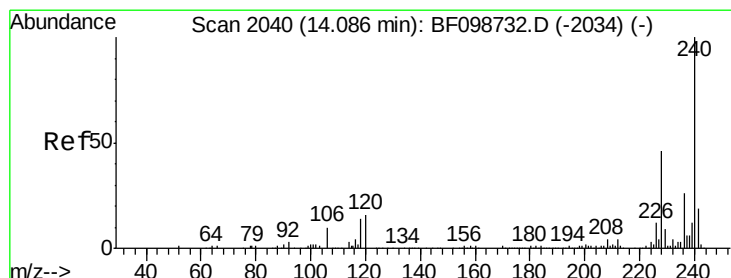
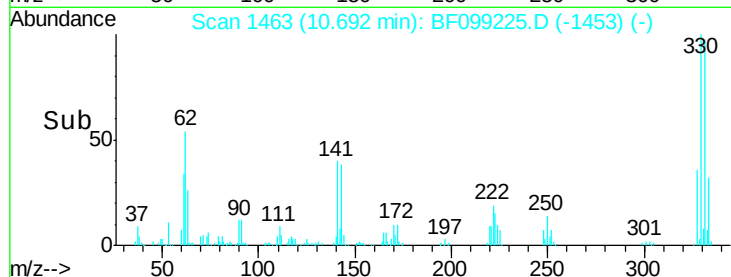
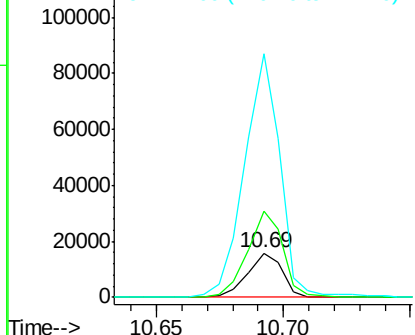
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15096
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 548.6 74.4 111.6#

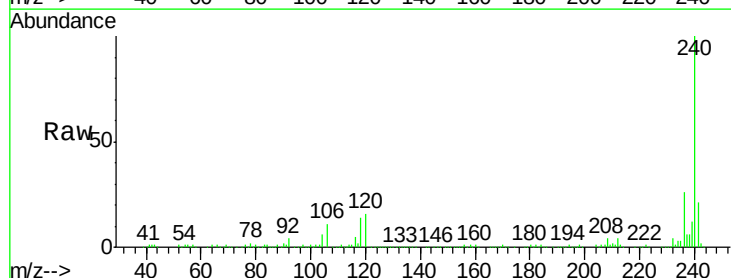


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

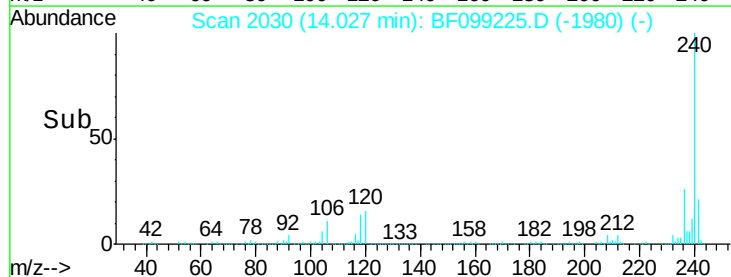
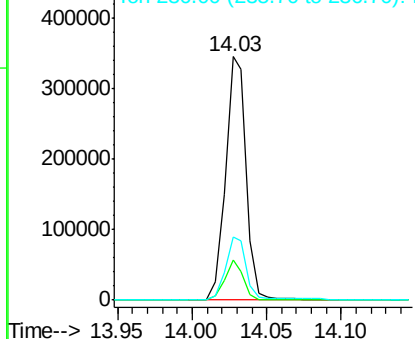


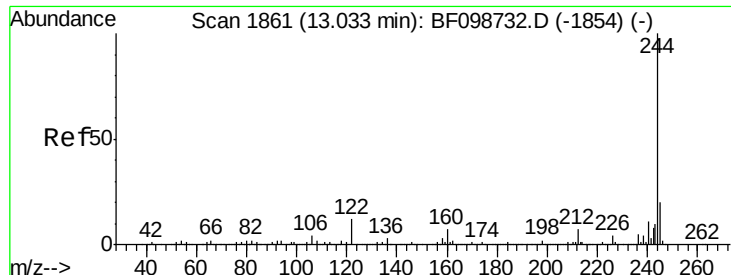
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099225.D
Acq: 8 Oct 2017 11:53

Tgt Ion:240 Resp: 337859
Ion Ratio Lower Upper
240 100
120 16.5 9.5 14.3#
236 25.9 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

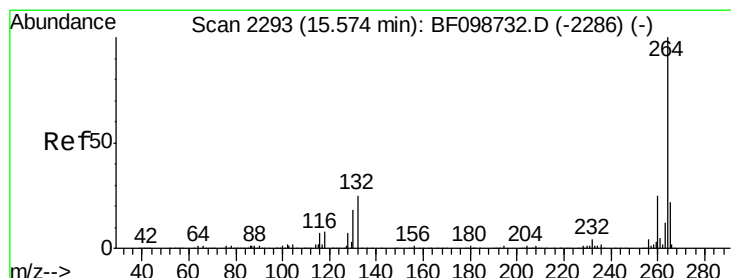
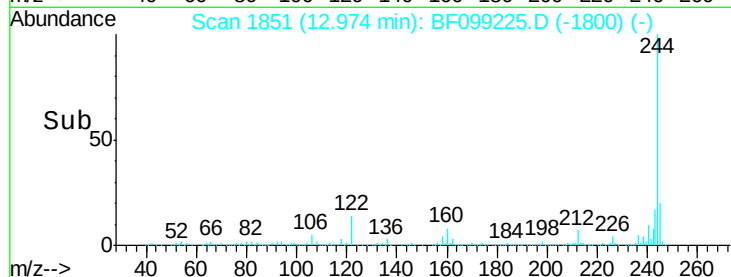
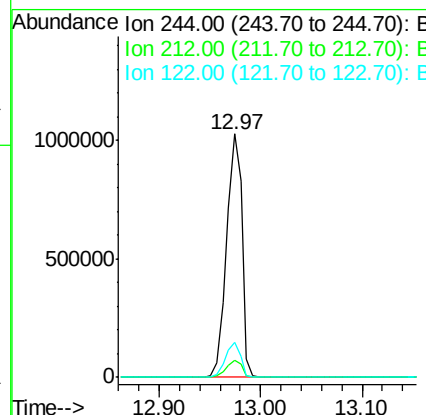
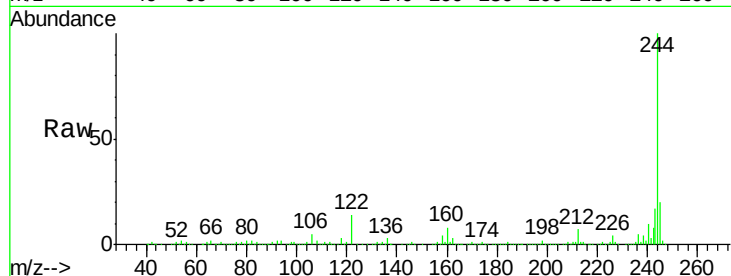




#78
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099225.D
 Acq: 8 Oct 2017 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1081596
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.1 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: BF099225.D
 Acq: 8 Oct 2017 11:53

Tgt Ion:264 Resp: 261652
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.5 26.3

