

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099132.D
 Acq On : 6 Oct 2017 6:48
 Operator : SJ/JU
 Sample : I5644-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 07:20:09 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

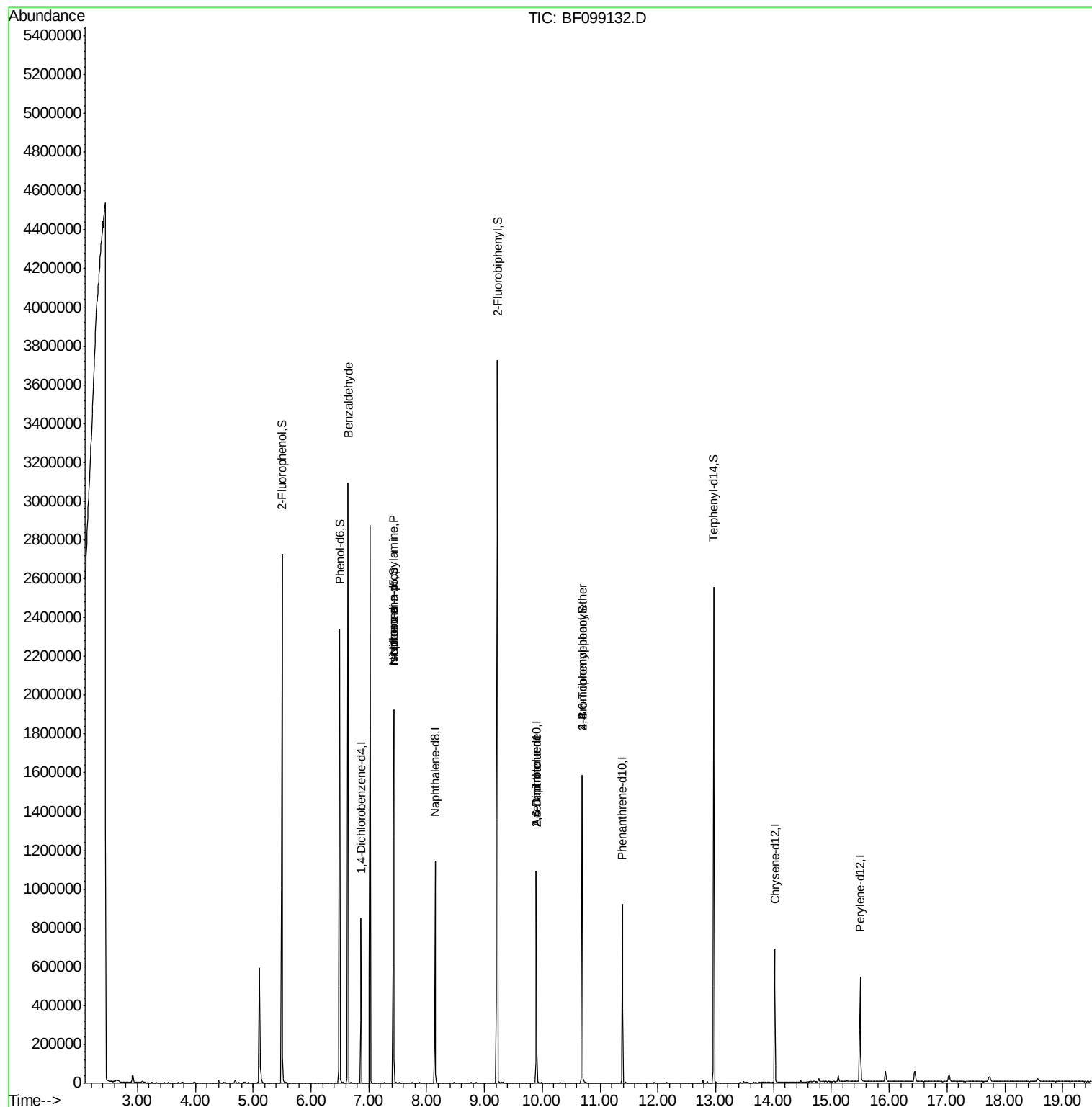
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117185	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	477286	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	202931	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	301785	20.00	ng	0.00
75) Chrysene-d12	14.02	240	211482	20.00	ng	-0.01
86) Perylene-d12	15.50	264	223424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	856577	116.36	ng	0.02
7) Phenol-d6	6.50	99	904762	99.63	ng	0.00
23) Nitrobenzene-d5	7.43	82	715121	96.09	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	201985	121.64	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1237654	101.82	ng	0.00
78) Terphenyl-d14	12.97	244	781510	84.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	18263	3.47	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.43	70	92532	15.96	ng	# 74
25) Isophorone	7.43	82	715106	46.47	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	26668	8.00	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	26668	6.16	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	13398	4.54	ng	# 1

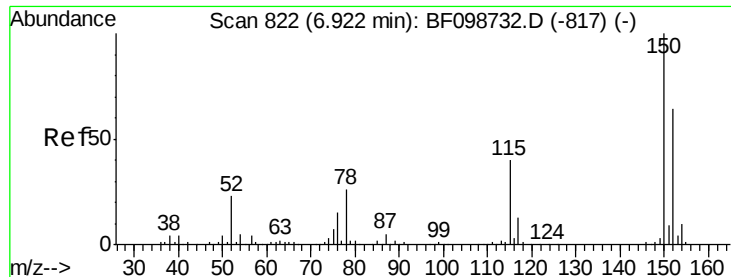
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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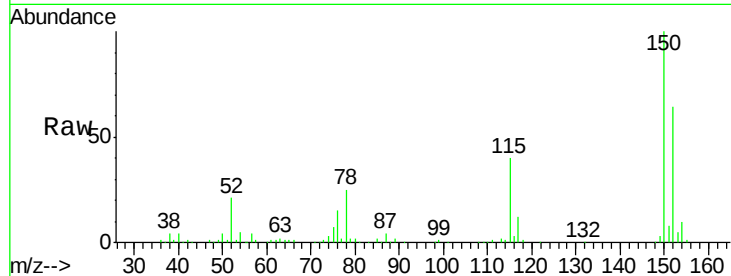


#1

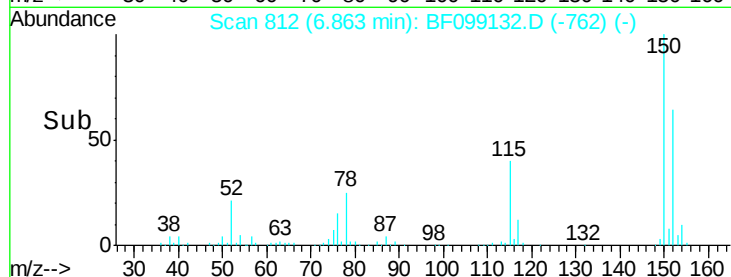
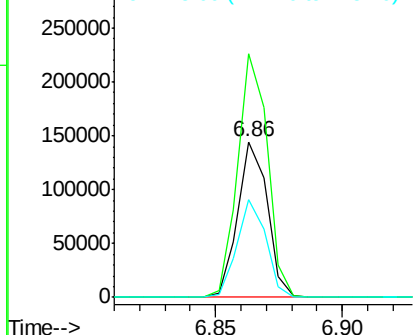
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.5	50.1	75.1



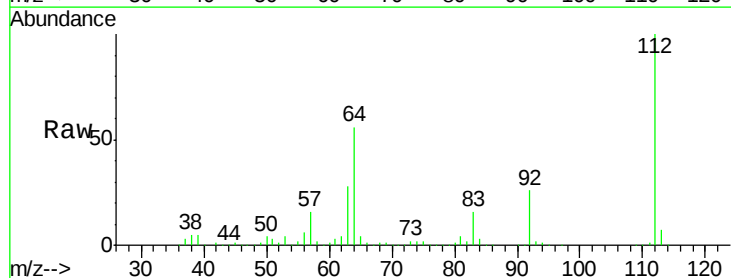
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



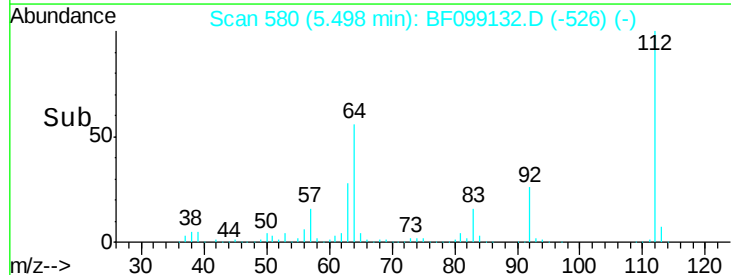
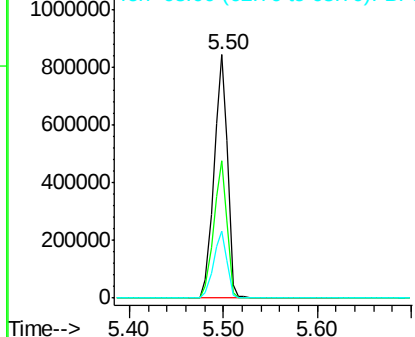
#5

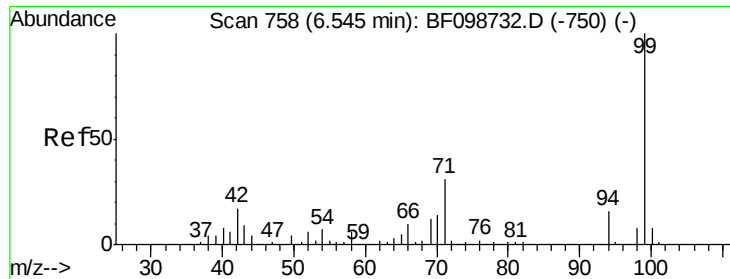
2-Fluorophenol
Concen: 116.36 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.5	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: 99.63 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099132.D

Acq: 6 Oct 2017 6:48

Instrument :

BNA_F

ClientSampled :

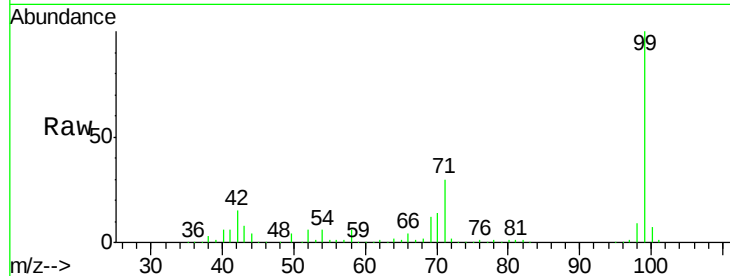
Tot Ion: 99 Resp: 904762

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

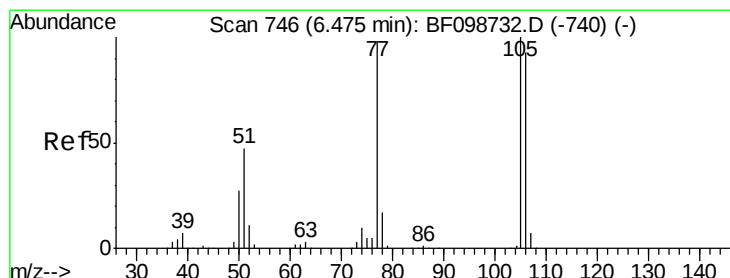
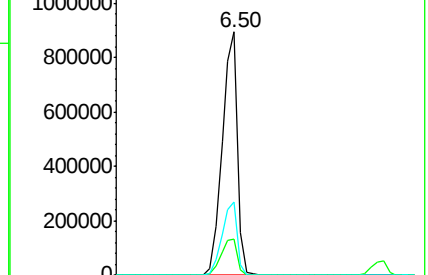
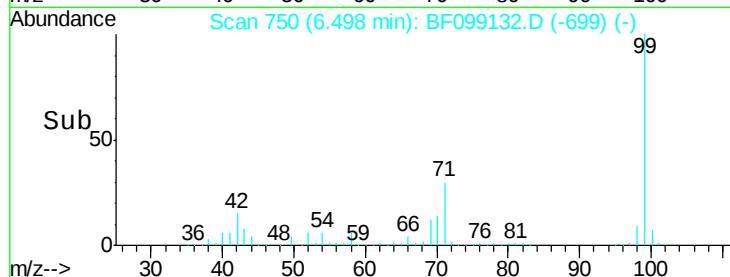
71 30.0 25.4 38.0



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: 3.47 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099132.D

Acq: 6 Oct 2017 6:48

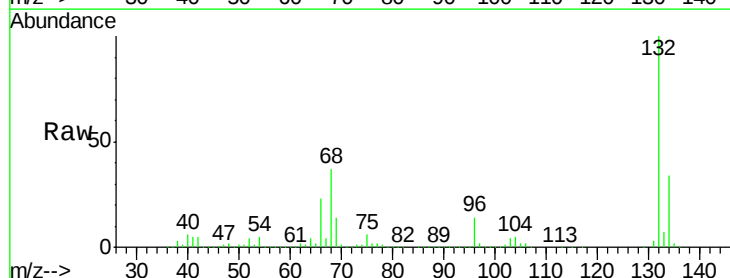
Tgt Ion: 77 Resp: 18263

Ion Ratio Lower Upper

77 100

105 90.1 81.1 121.1

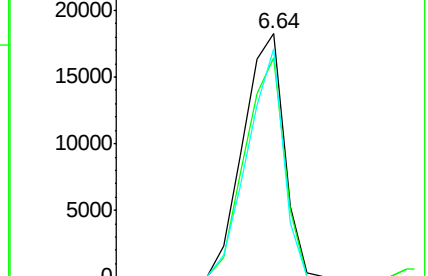
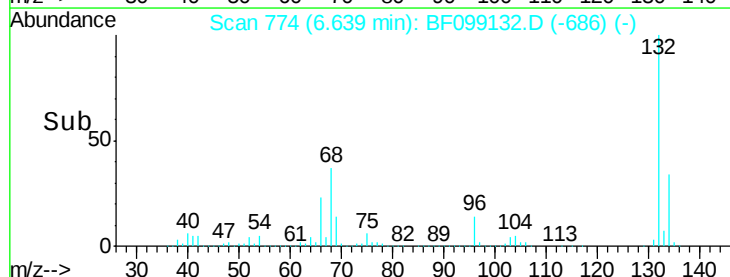
106 93.6 74.5 114.5



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

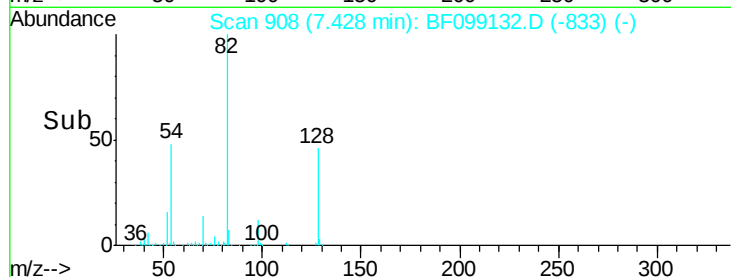
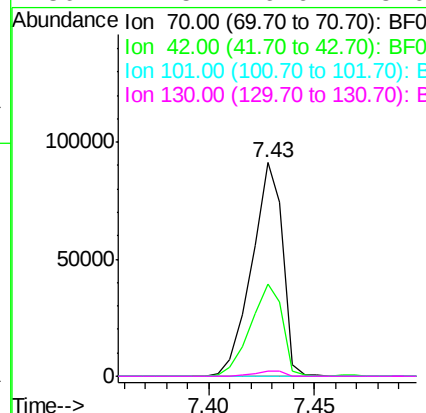
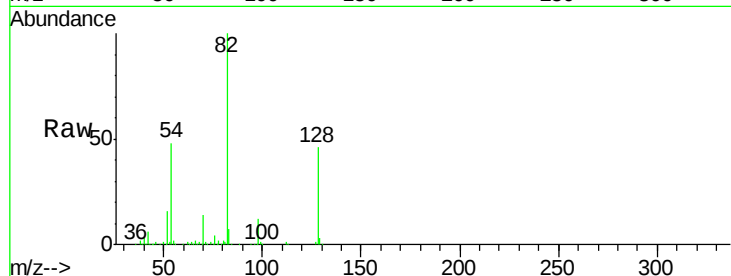




#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

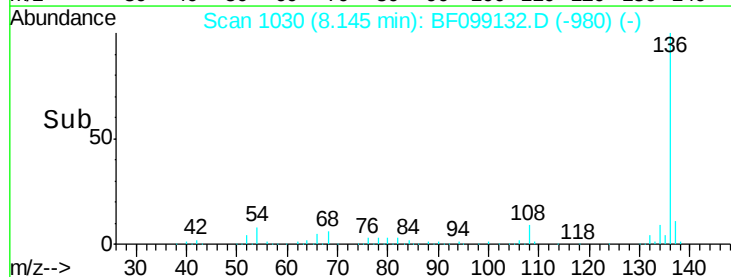
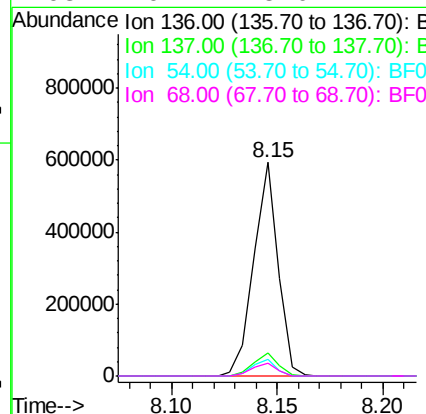
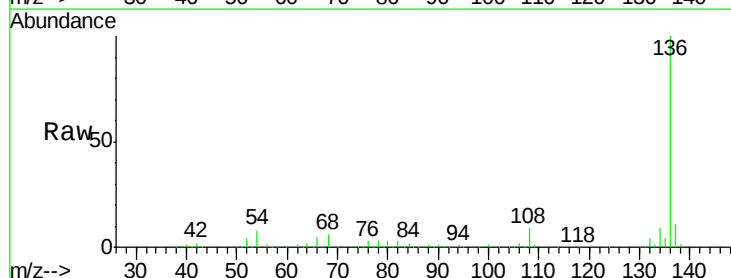
Instrument :
BNA_F
ClientSampleId :

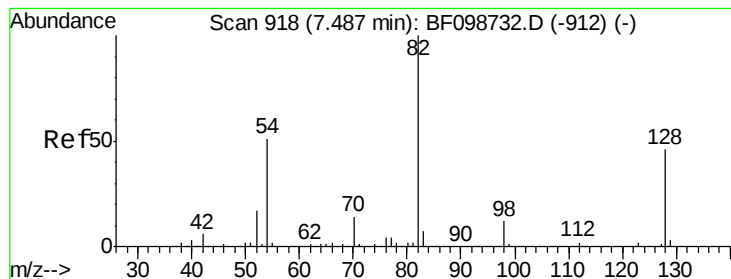
Tot Ion: 70 Resp: 92532
Ion Ratio Lower Upper
70 100
42 43.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Tgt Ion: 136 Resp: 477286
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.6 9.8
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.09 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099132.D

Acq: 6 Oct 2017 6:48

Instrument :

BNA_F

ClientSampleId :

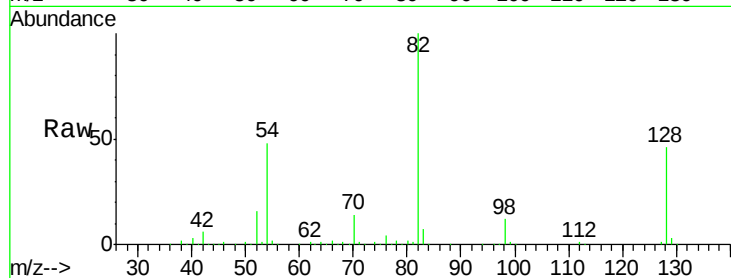
Tot Ion: 82 Resp: 715121

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

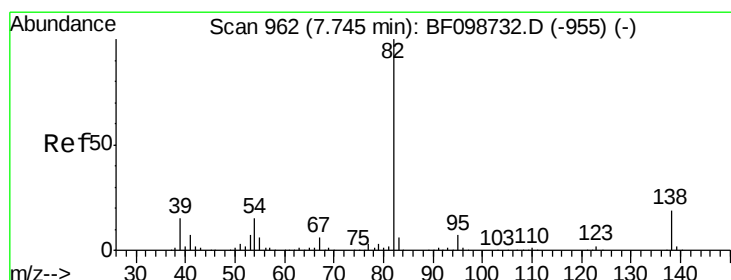
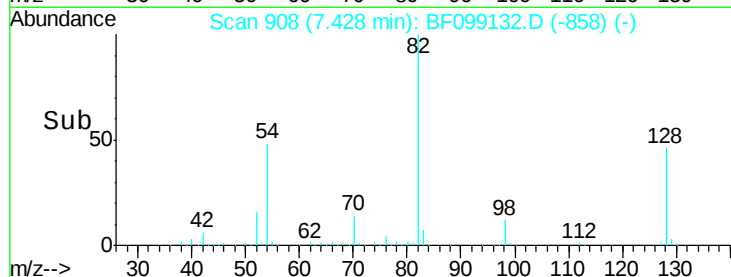
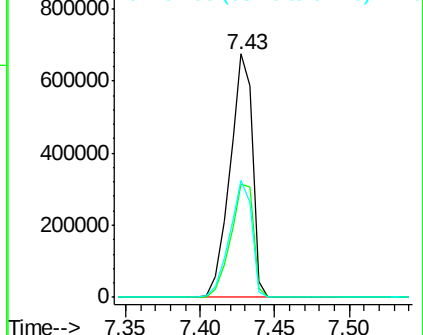
54 48.1 41.4 62.2



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: 46.47 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099132.D

Acq: 6 Oct 2017 6:48

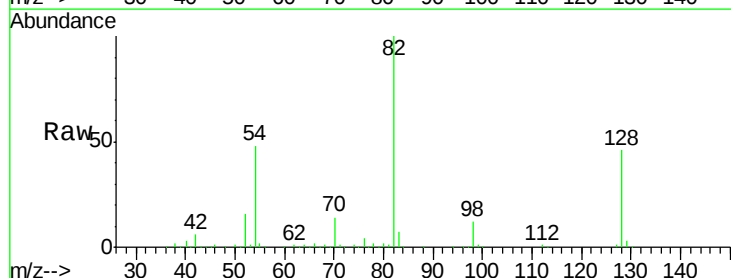
Tgt Ion: 82 Resp: 715106

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

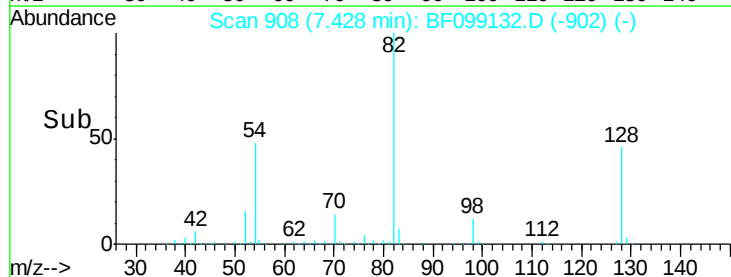
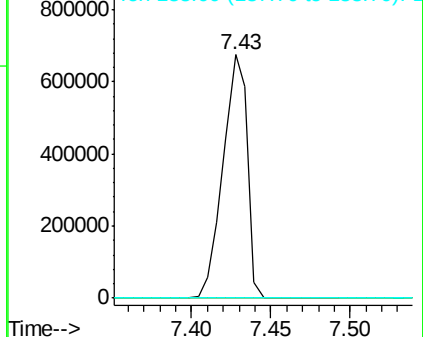
138 0.0 14.9 22.3#



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

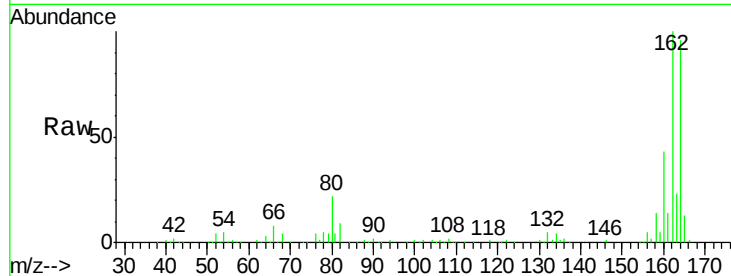




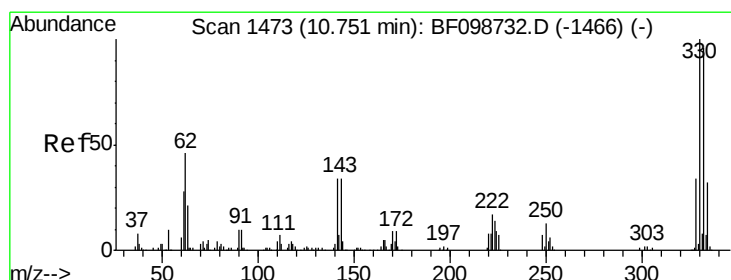
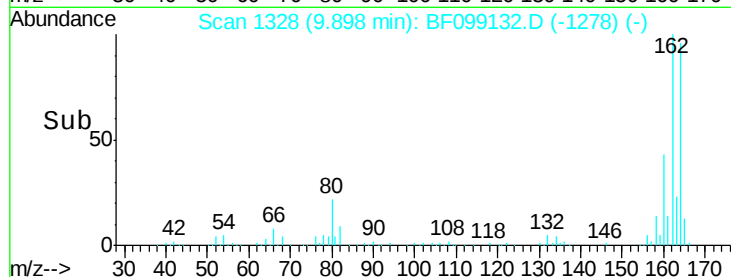
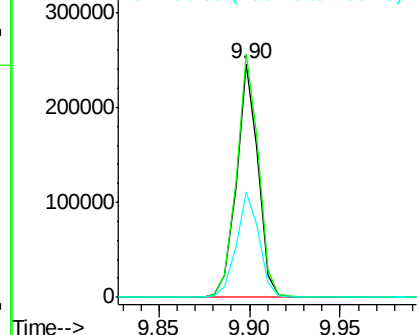
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 202931
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.1 38.3 57.5

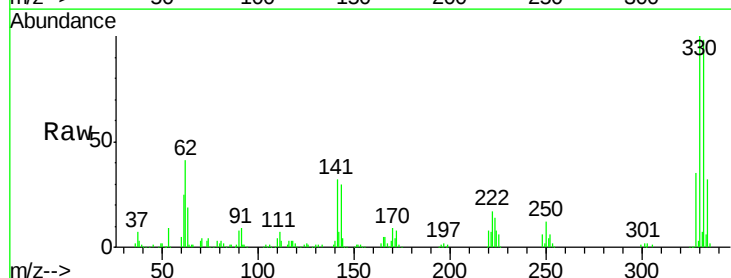


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

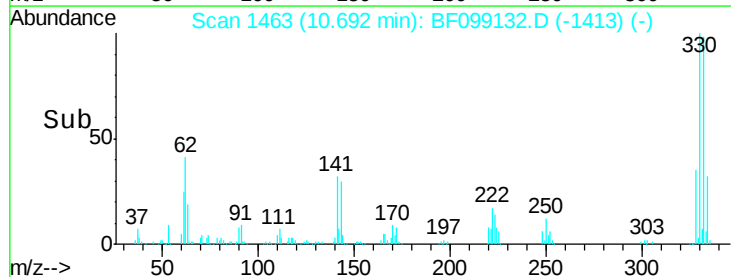
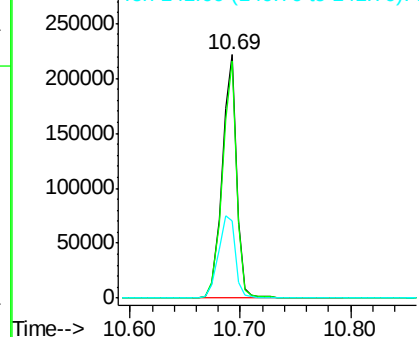


#41
2,4,6-Tribromophenol
Concen: 121.64 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Tgt Ion:330 Resp: 201985
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 39.4 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



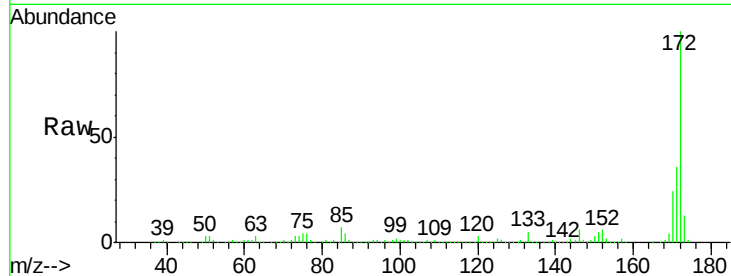


#44
 2-Fluorobiphenyl
 Concen: 101.82 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099132.D
 Acq: 6 Oct 2017 6:48

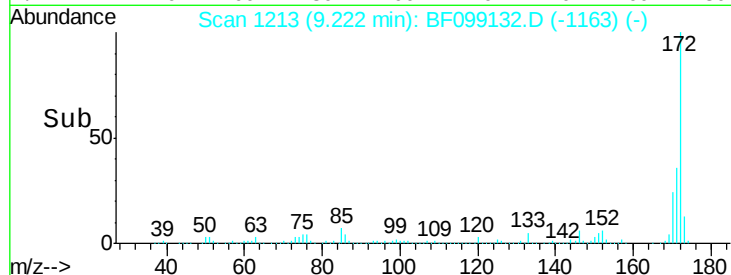
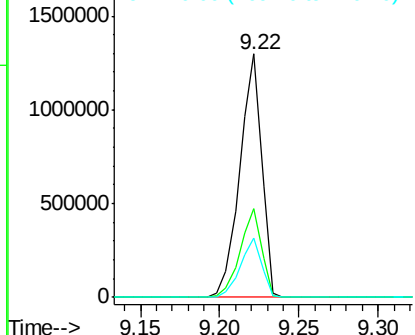
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1237654

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4



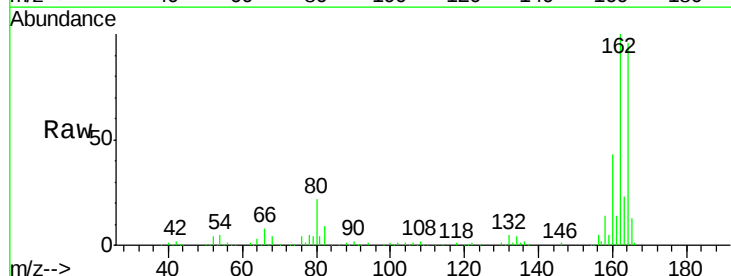
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



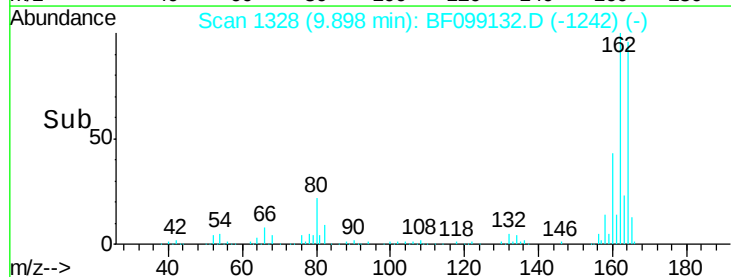
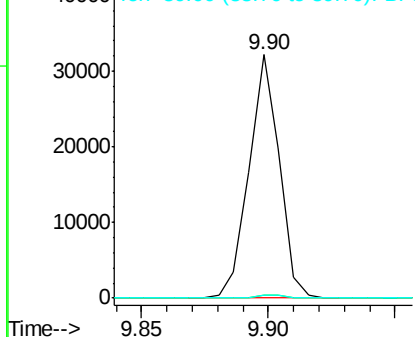
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099132.D
 Acq: 6 Oct 2017 6:48

Tgt Ion:165 Resp: 26668

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

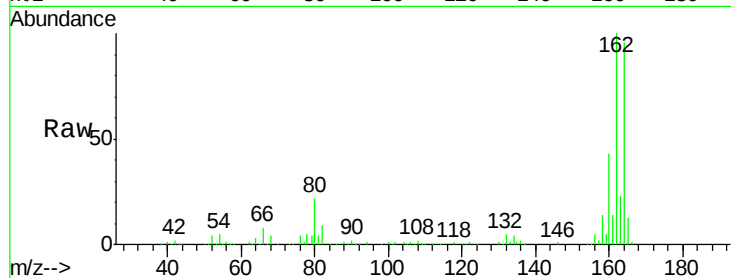




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099132.D
 Acq: 6 Oct 2017 6:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26668
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#

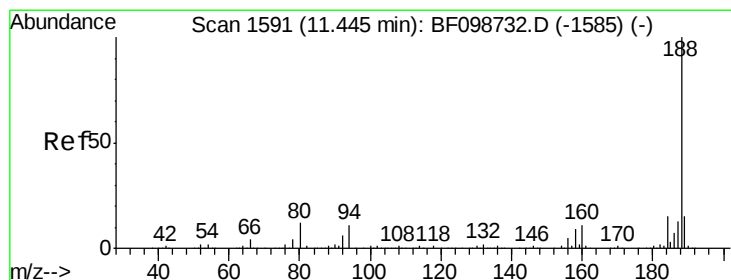
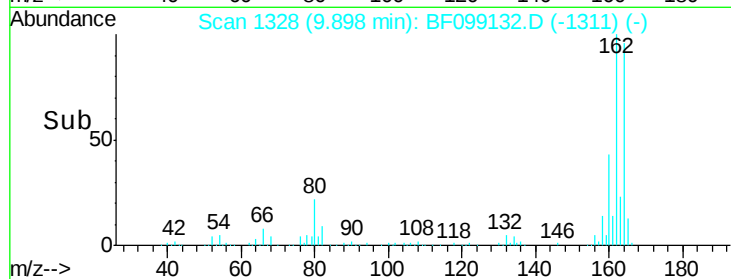
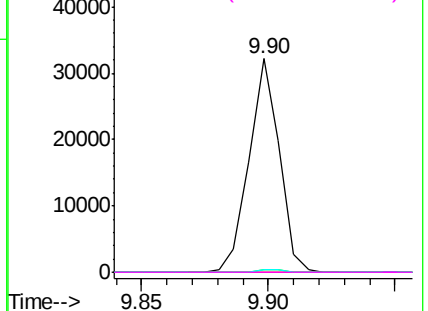


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



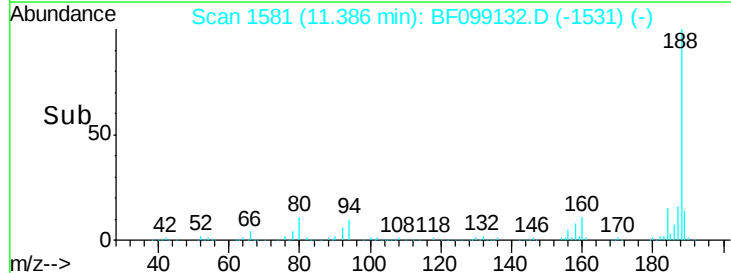
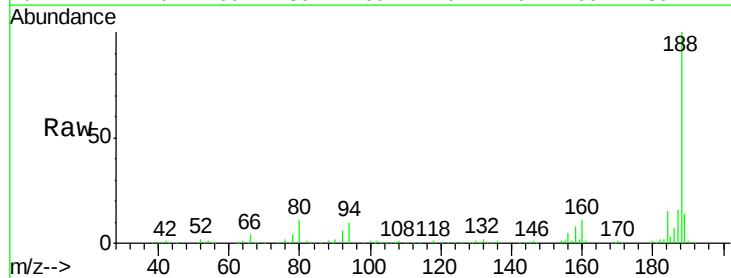
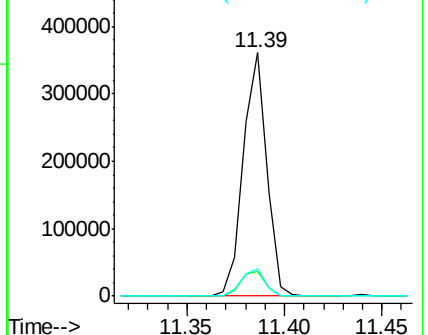
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099132.D
 Acq: 6 Oct 2017 6:48

Tgt Ion:188	Resp:	301785
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.5 12.7
80	11.3	9.2 13.8

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

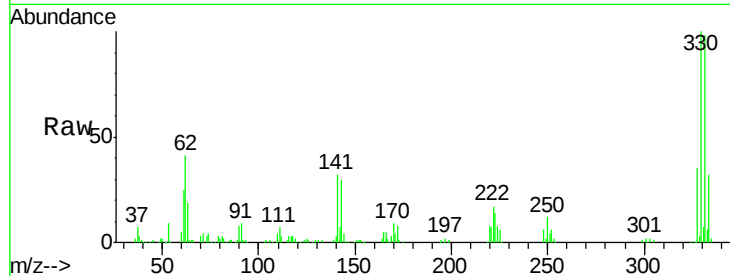




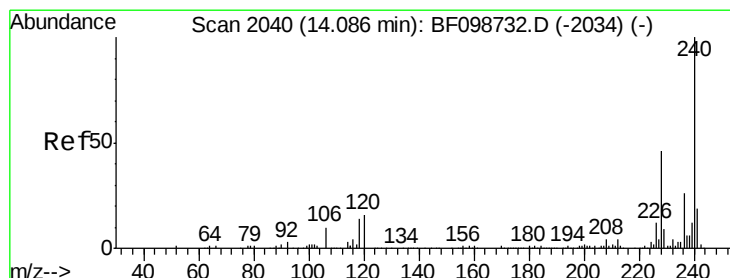
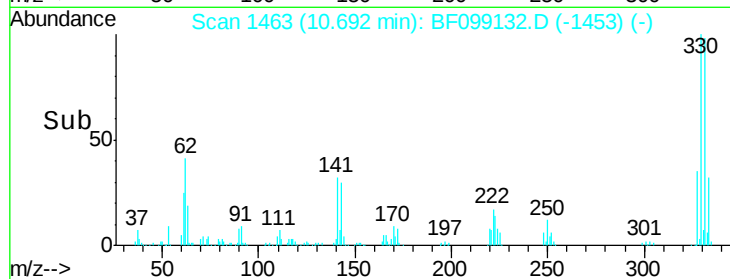
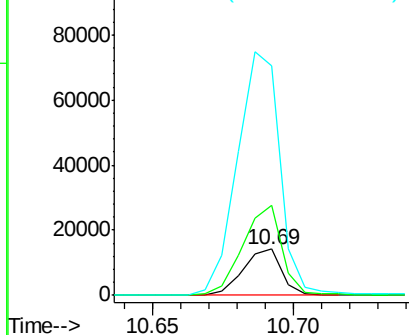
#66
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13398
Ion Ratio Lower Upper
248 100
250 195.0 76.9 115.3#
141 499.7 74.4 111.6#

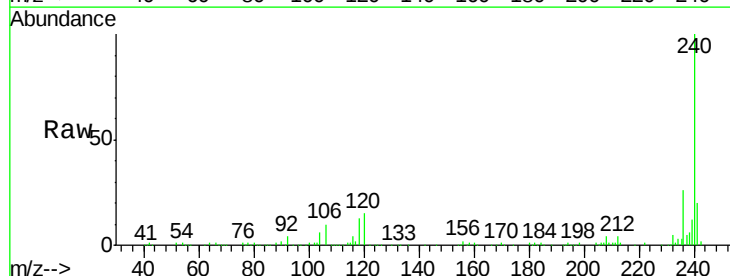


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

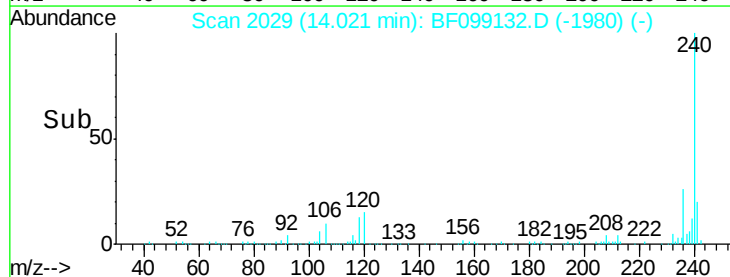
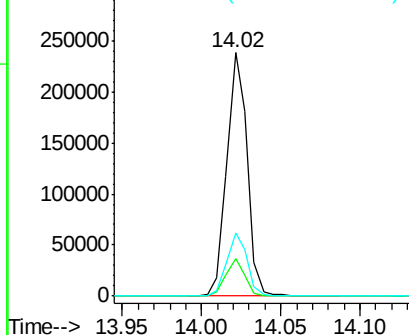


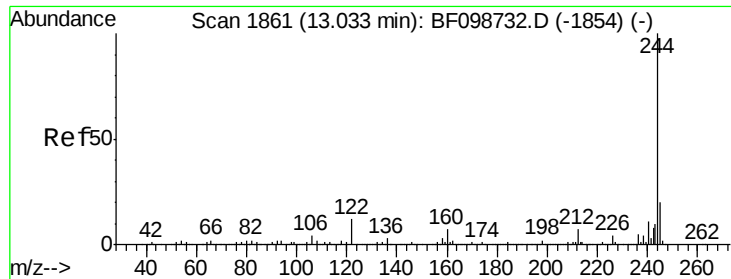
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099132.D
Acq: 6 Oct 2017 6:48

Tgt Ion:240 Resp: 211482
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 26.0 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

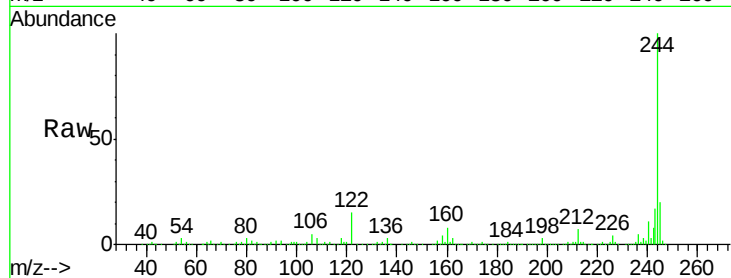




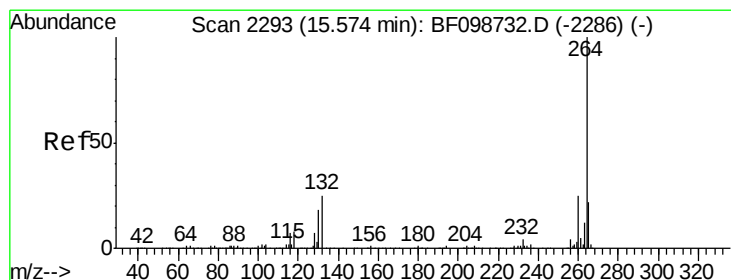
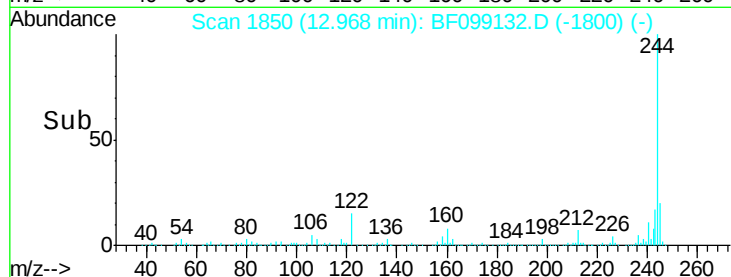
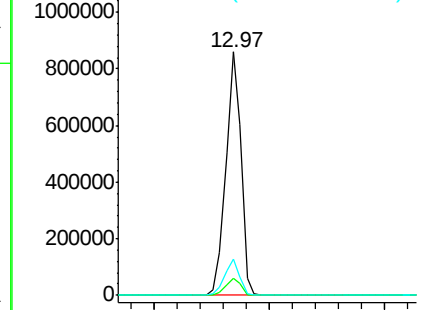
#78
 Terphenyl-d14
 Concen: 84.04 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099132.D
 Acq: 6 Oct 2017 6:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 781510
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.8 11.0 16.4

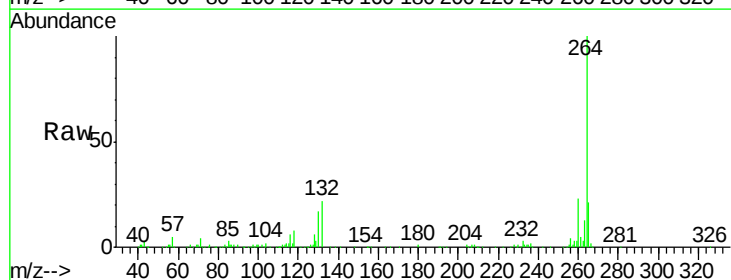


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099132.D
 Acq: 6 Oct 2017 6:48

Tgt Ion:264 Resp: 223424
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.3 17.5 26.3



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

