

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098189.D
 Acq On : 31 Aug 2017 7:59
 Operator : SJ/JU
 Sample : I4987-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 08:52:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

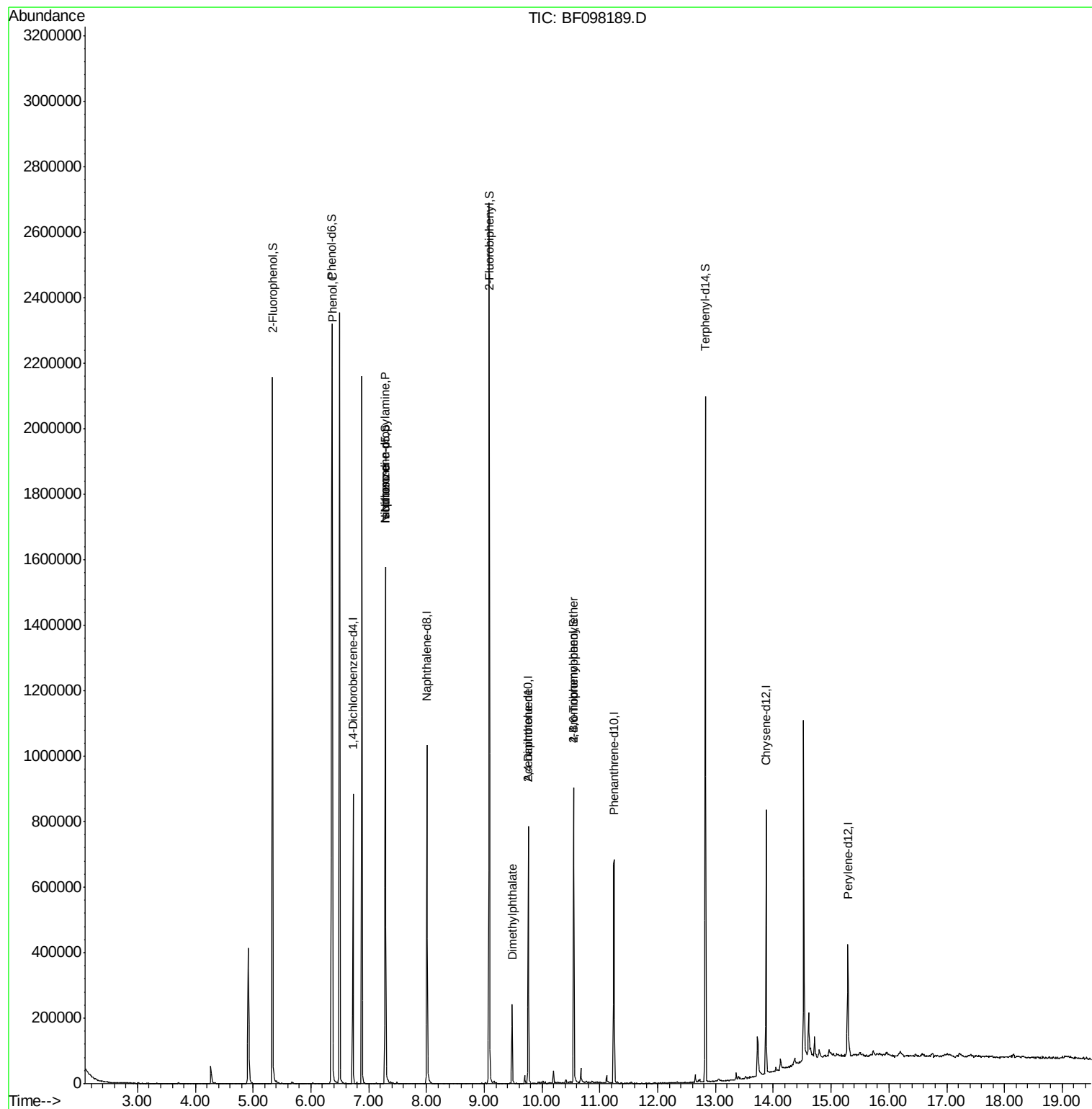
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123361	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	444710	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	159039	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	260739	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	227565	20.00	ng	-0.02
86) Perylene-d12	15.29	264	149001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	674157	83.13	ng	-0.01
7) Phenol-d6	6.36	99	960365	87.15	ng	-0.02
23) Nitrobenzene-d5	7.29	82	565347	69.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	94888	68.76	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	788816	72.87	ng	-0.02
78) Terphenyl-d14	12.83	244	588747	53.95	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	30130	2.338	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	73363	9.726	ng	# 71
25) Isophorone	7.29	82	554192	32.557	ng	# 67
49) Dimethylphthalate	9.48	163	92974	7.998	ng	99
56) 2,4-Dinitrotoluene	9.76	165	19711	6.769	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	6208	2.293	ng	# 1

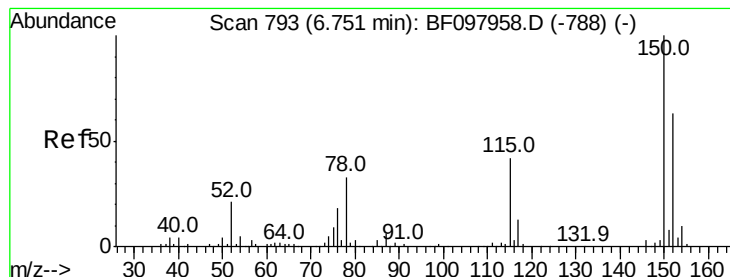
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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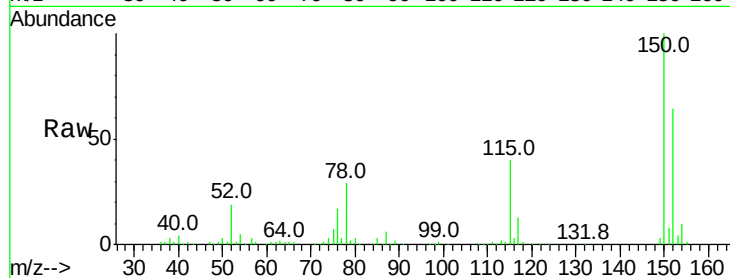


#1

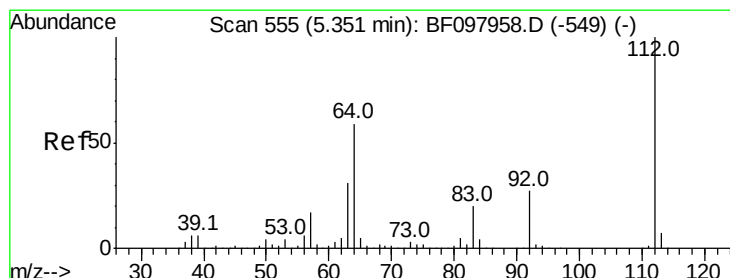
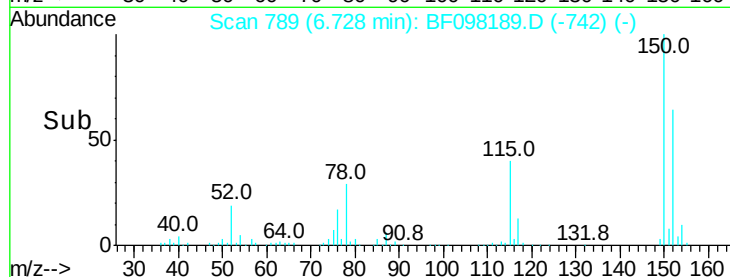
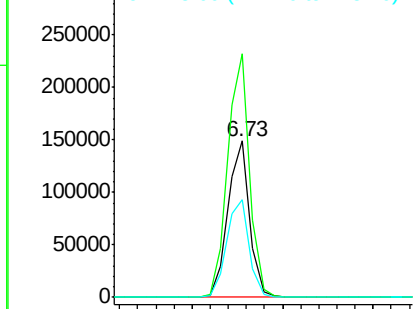
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	62.1	52.2	78.2



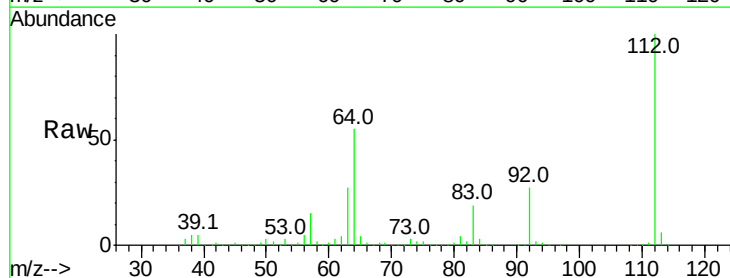
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



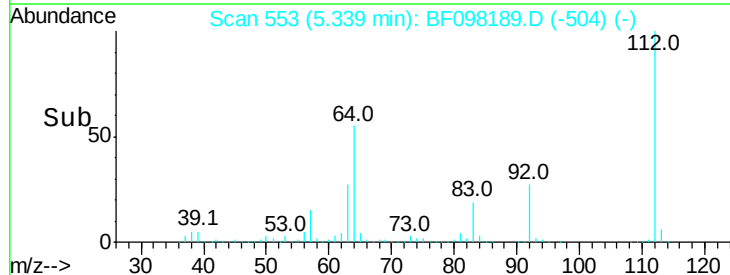
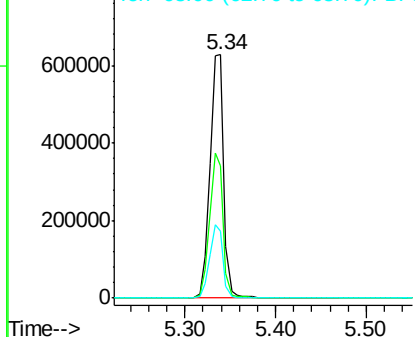
#5

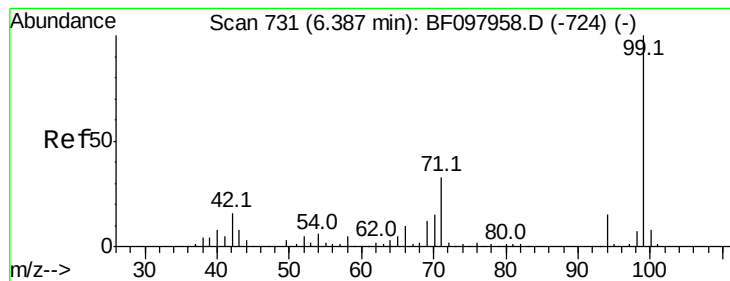
2-Fluorophenol
Concen: 83.125 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	27.4	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: 87.153 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

Instrument :

BNA_F

ClientSampled :

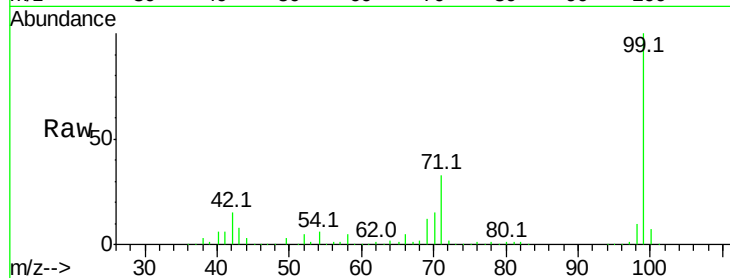
Tot Ion: 99 Resp: 960365

Ion Ratio Lower Upper

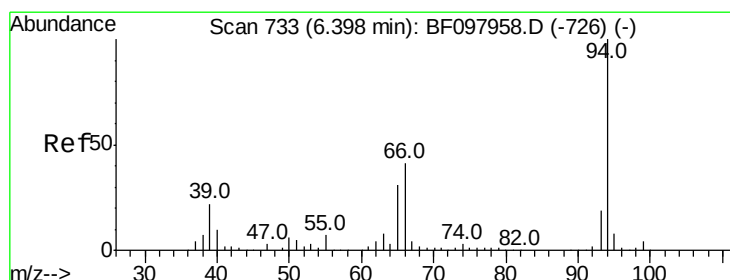
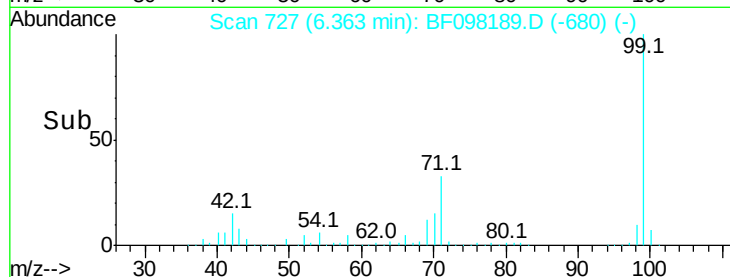
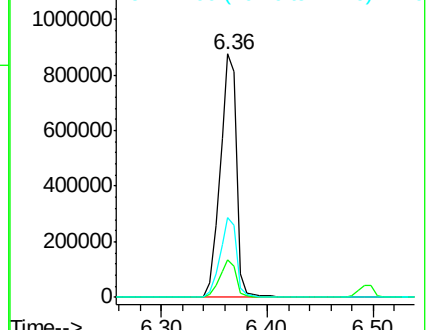
99 100

42 15.4 13.5 20.3

71 32.7 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



#10

Phenol

Concen: 2.338 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

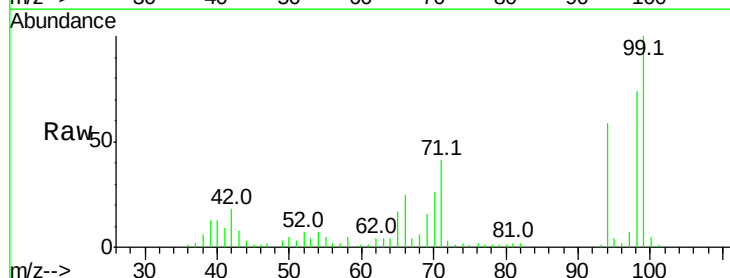
Tgt Ion: 94 Resp: 30130

Ion Ratio Lower Upper

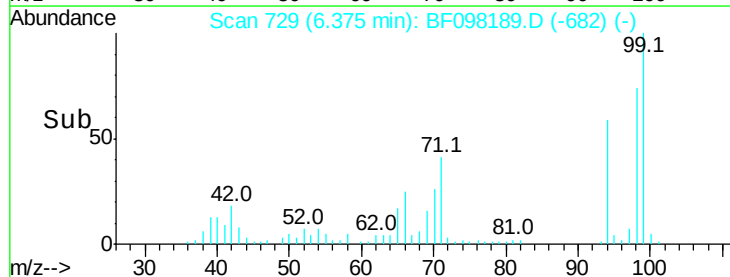
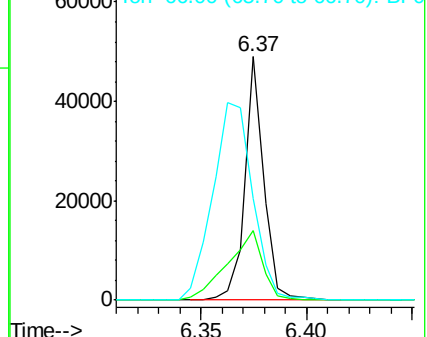
94 100

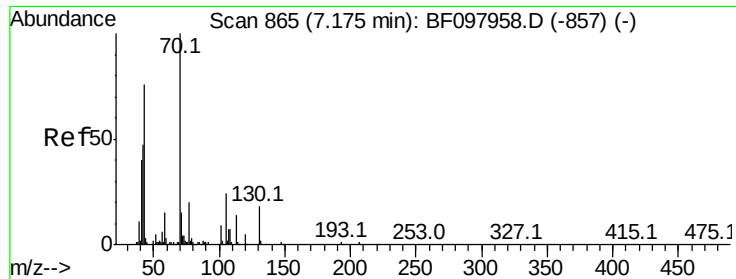
65 28.4 9.9 49.9

66 41.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 9.726 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF098189.D

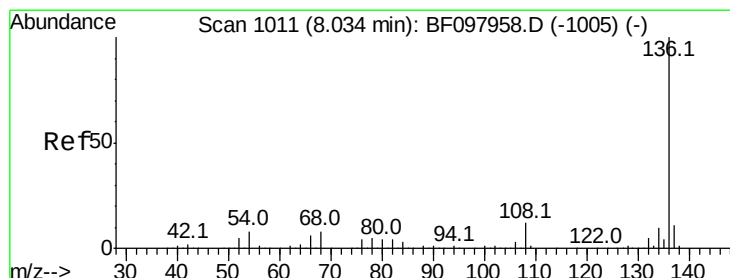
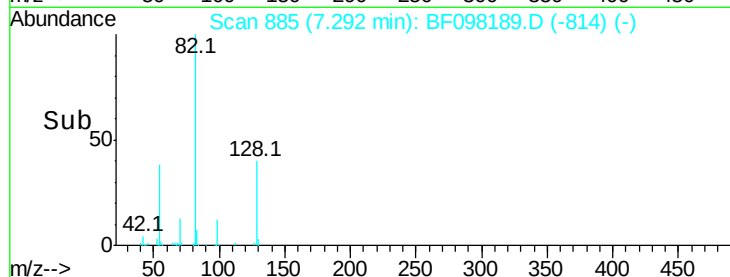
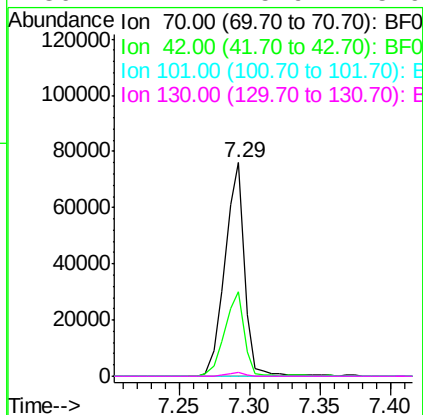
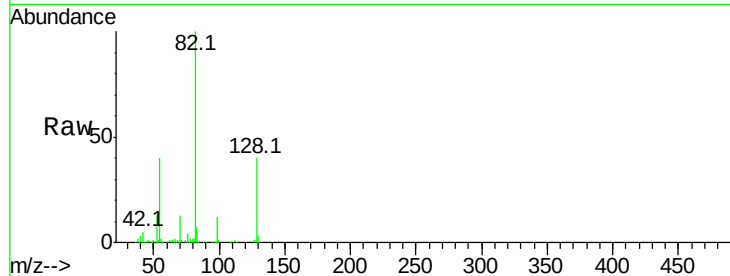
Acq: 31 Aug 2017 7:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	73363
Ion	Ratio	Lower	Upper
70	100		
42	39.8	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

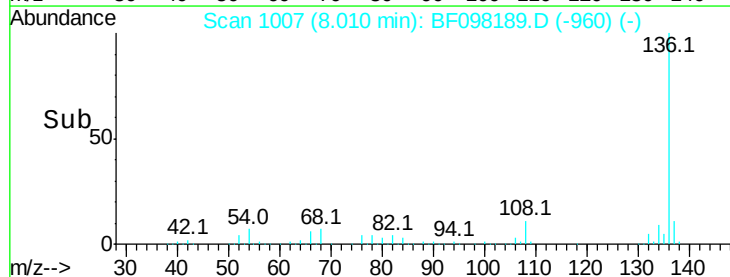
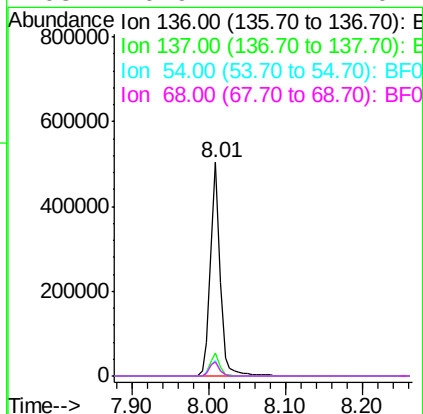
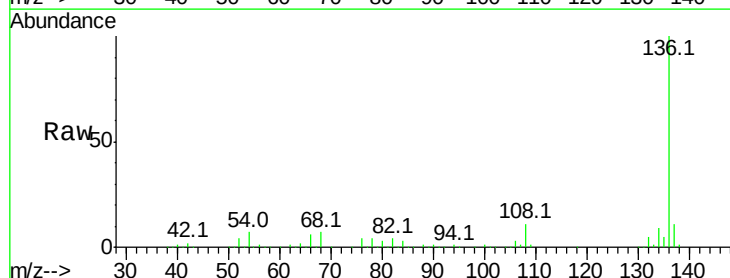
RT: 8.01 min Scan# 1007

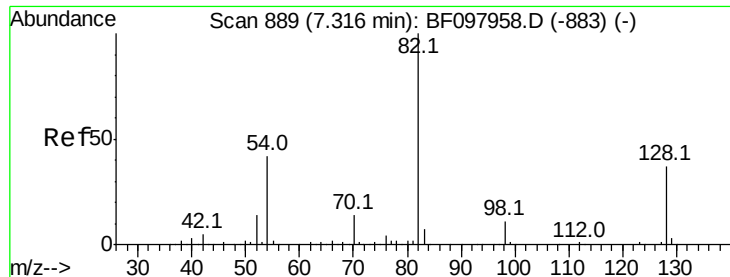
Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

Tgt Ion:	136	Resp:	444710
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.4	4.9	7.3#
68	6.9	4.1	6.1#

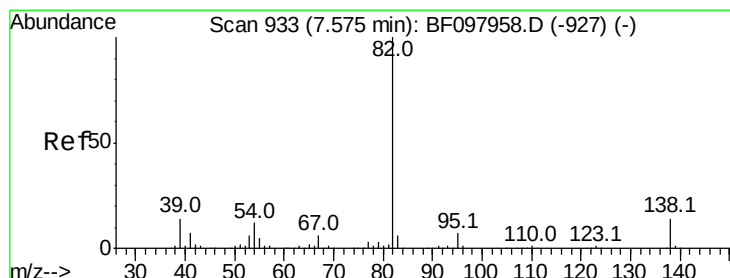
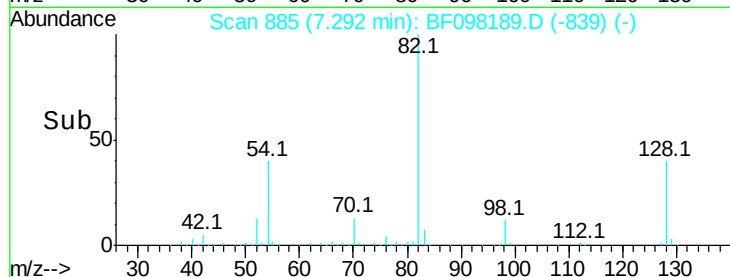
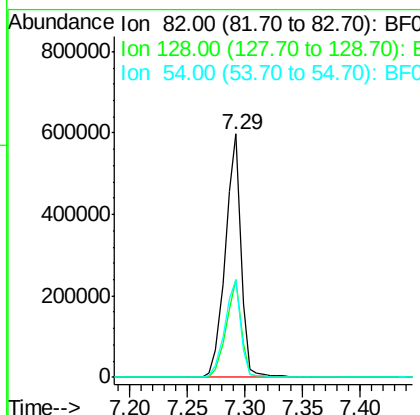
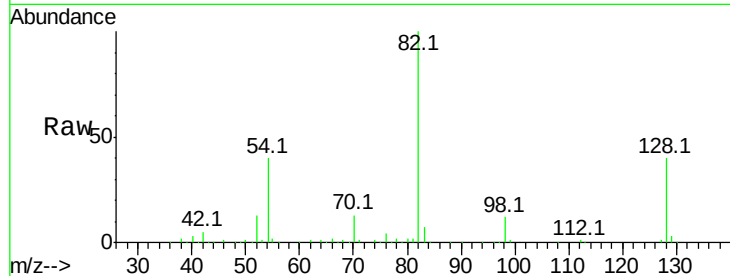




#23
 Nitrobenzene-d5
 Concen: 69.061 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

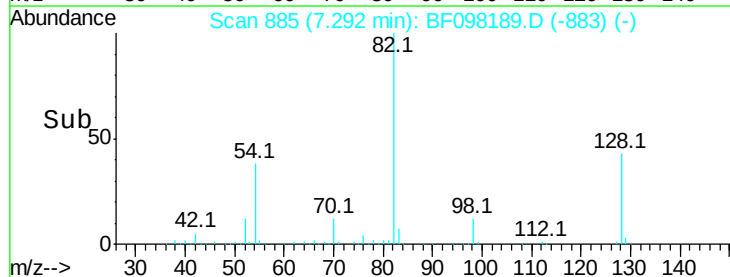
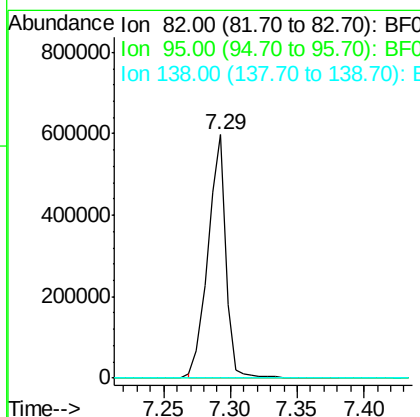
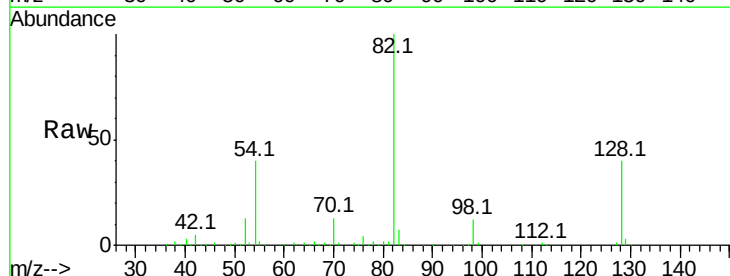
Instrument :
 BNA_F
 ClientSampleId :

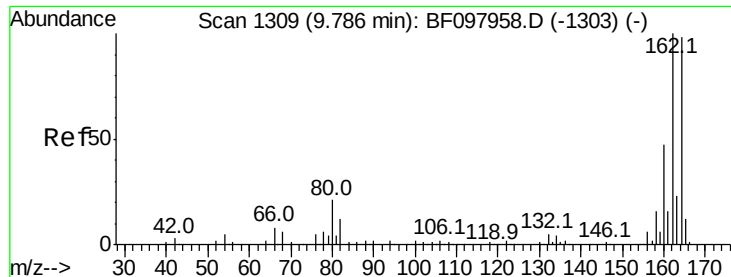
Tot Ion	82	Resp	565347
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	40.2	42.2	63.2#



#25
 Isophorone
 Concen: 32.557 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.29 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Tgt Ion	82	Resp	554192
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

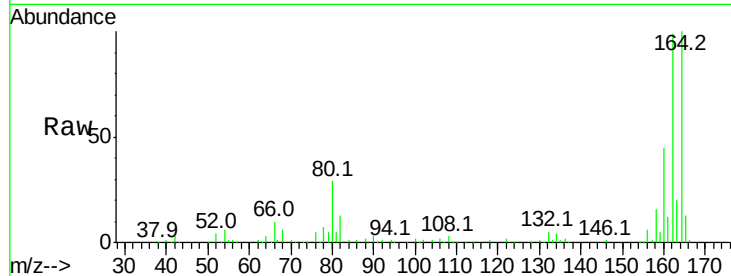




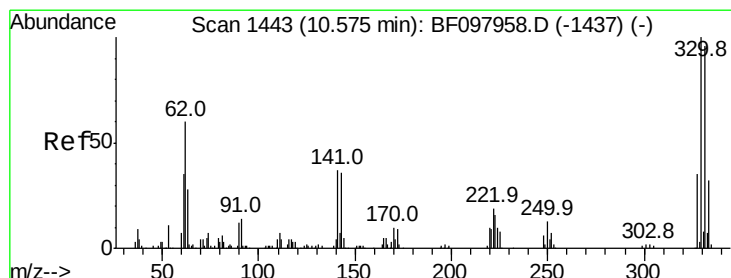
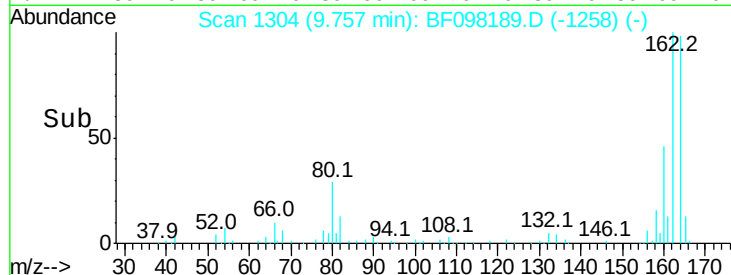
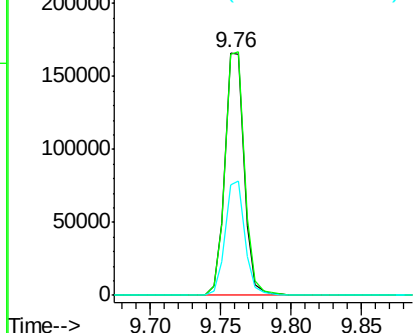
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 159039
 Ion Ratio Lower Upper
 164 100
 162 99.5 82.6 123.8
 160 45.4 36.2 54.2

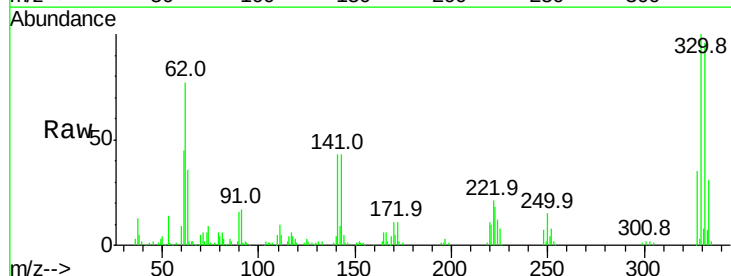


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

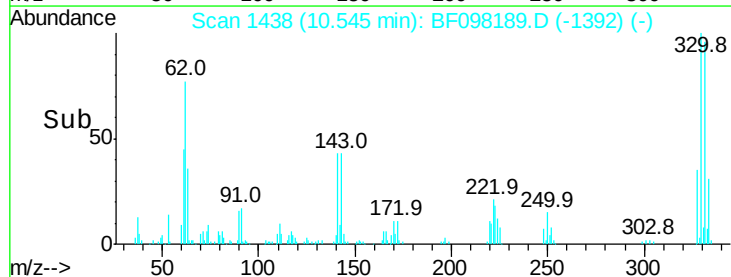
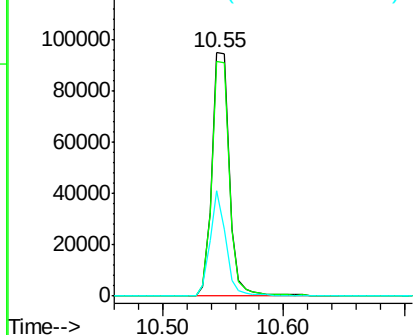


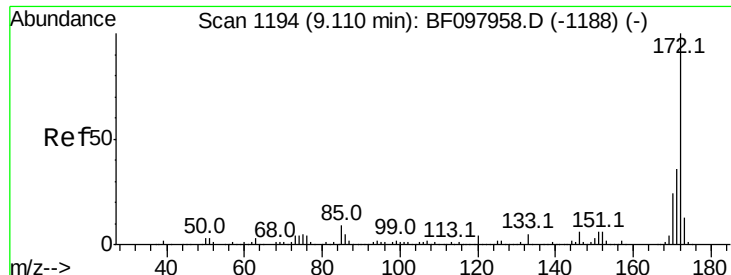
#41
 2,4,6-Tribromophenol
 Concen: 68.763 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Tgt Ion:330 Resp: 94888
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.8 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

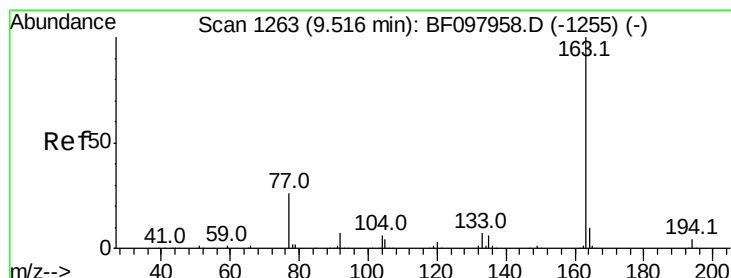
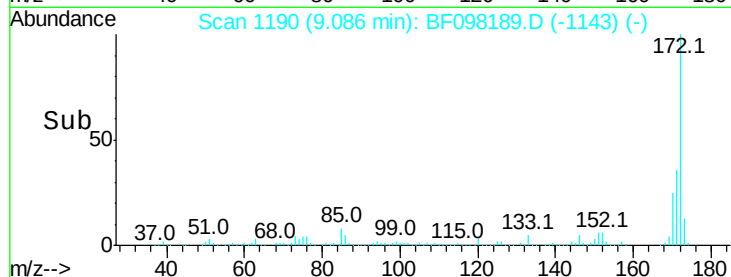
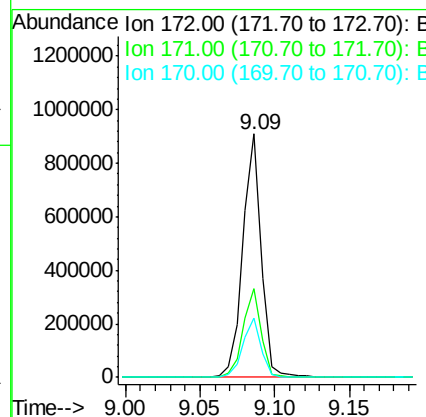
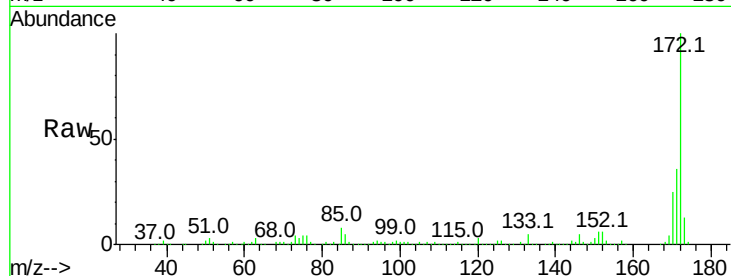




#44
2-Fluorobiphenyl
Concen: 72.871 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

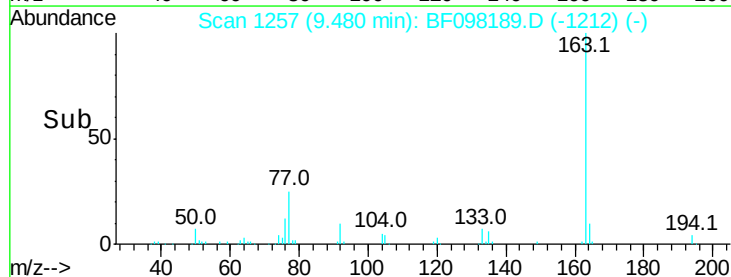
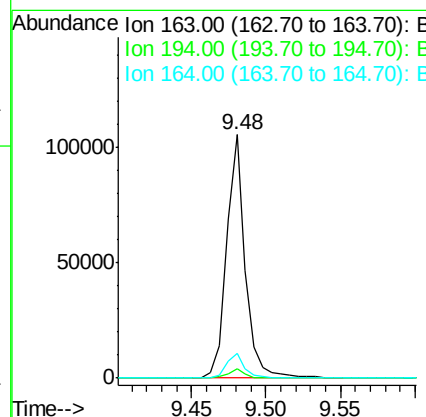
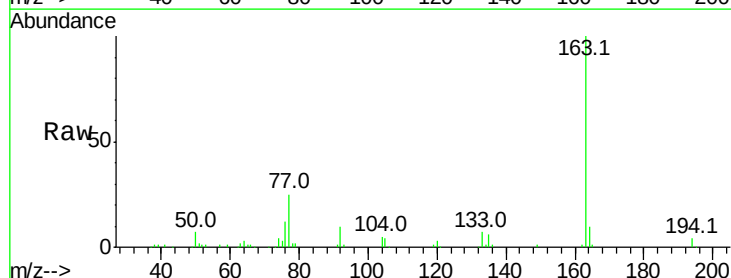
Instrument :
BNA_F
ClientSampleId :

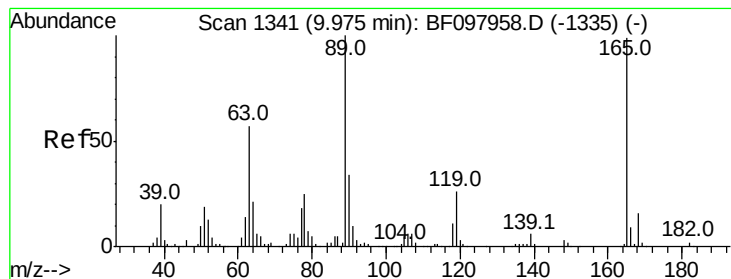
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	19.8	29.8



#49
Dimethylphthalate
Concen: 7.998 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.1	8.4	12.6





#56

2,4-Dinitrotoluene

Concen: 6.769 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.22 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 19711

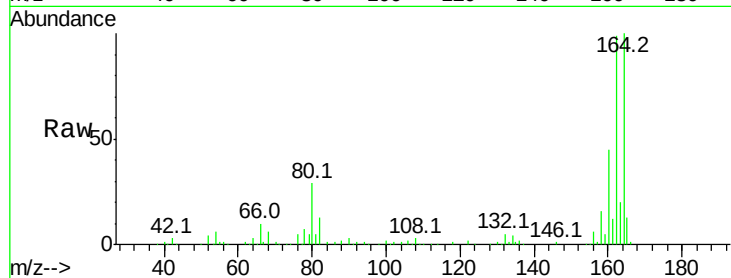
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

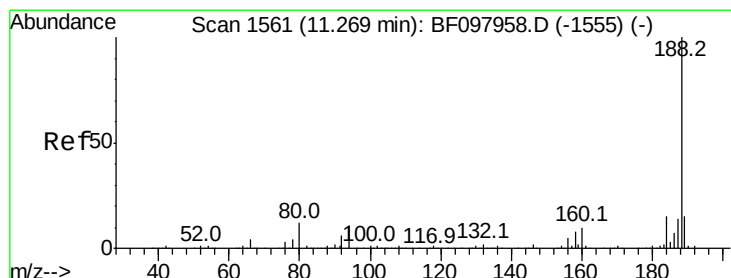
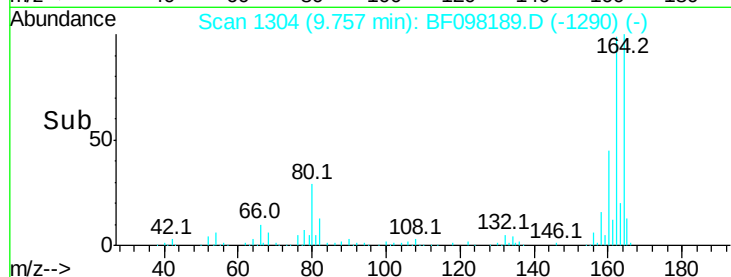
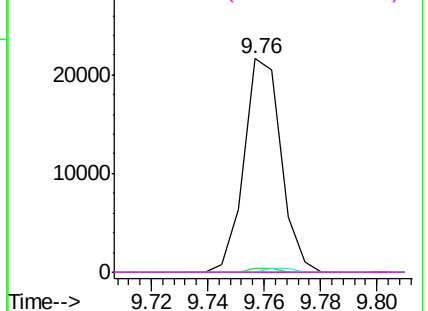


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

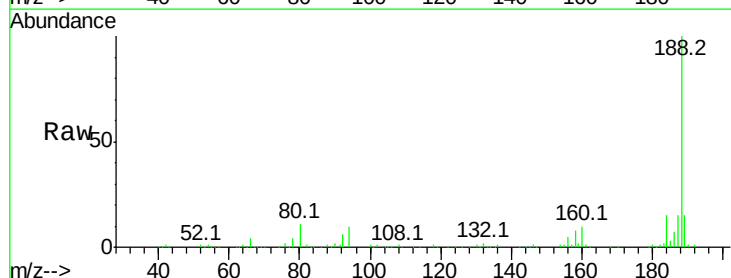
Tgt Ion:188 Resp: 260739

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

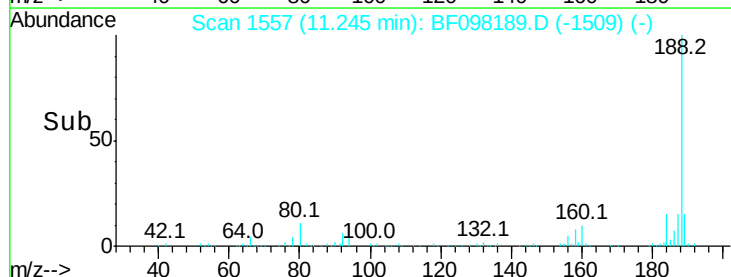
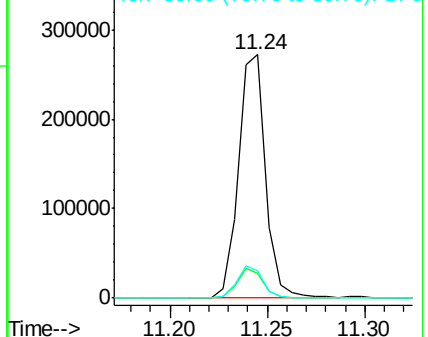
80 11.3 10.2 15.2

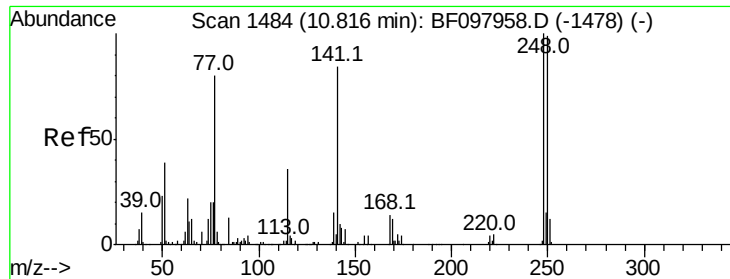


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

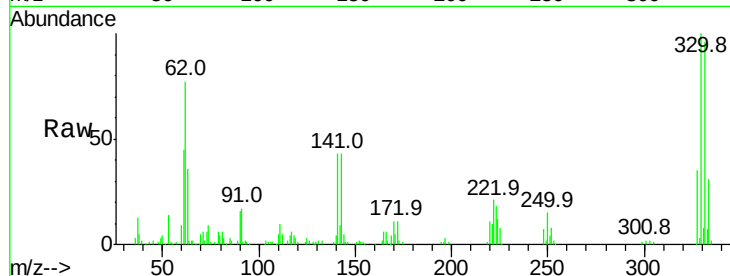




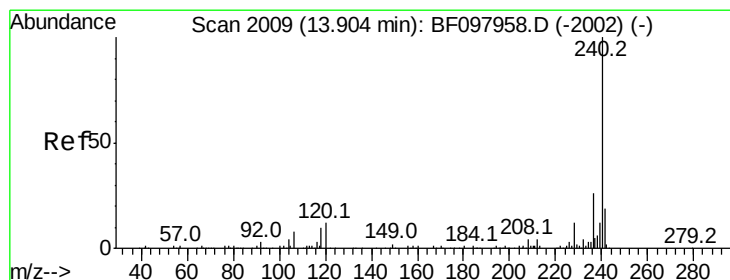
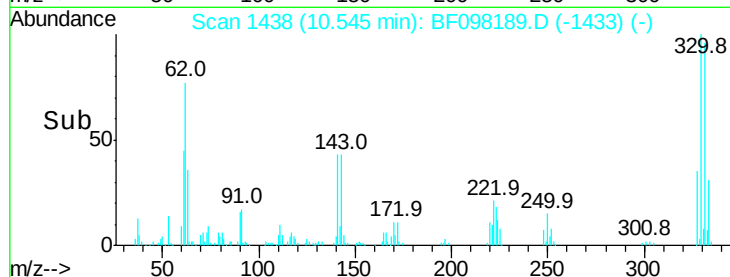
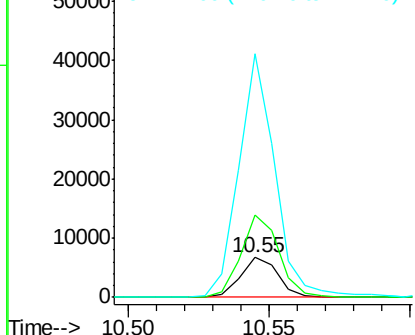
#66
 4-Bromophenyl-phenylether
 Concen: 2.293 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.27 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6208
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.8 115.2#
 141 608.9 68.6 103.0#

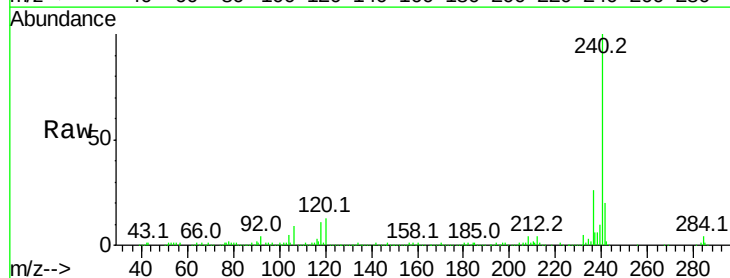


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

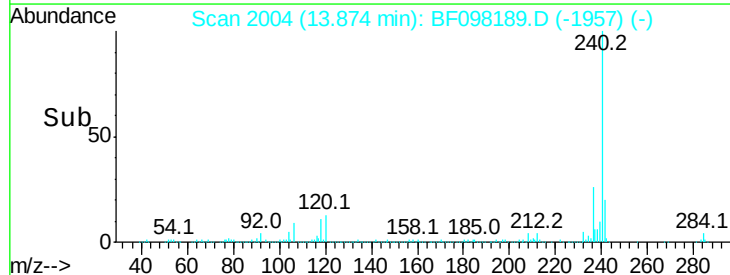
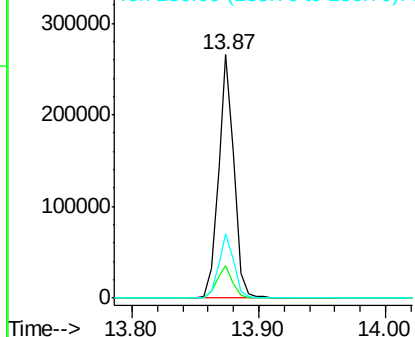


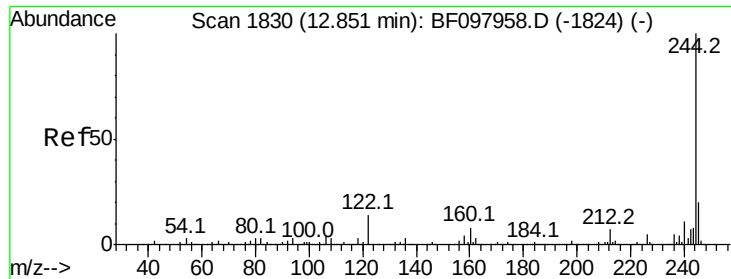
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Tgt Ion:240 Resp: 227565
 Ion Ratio Lower Upper
 240 100
 120 13.4 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

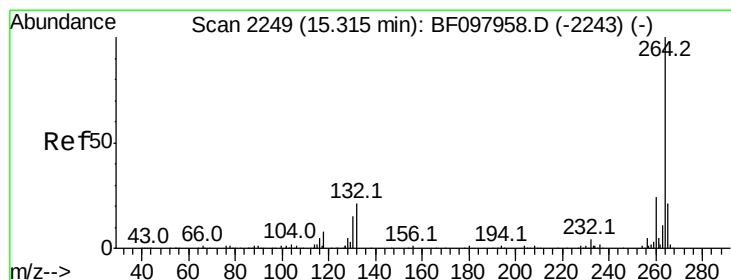
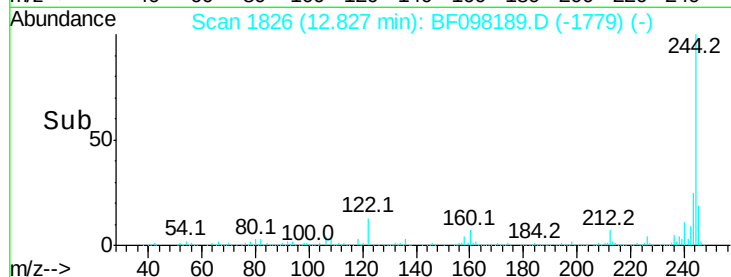
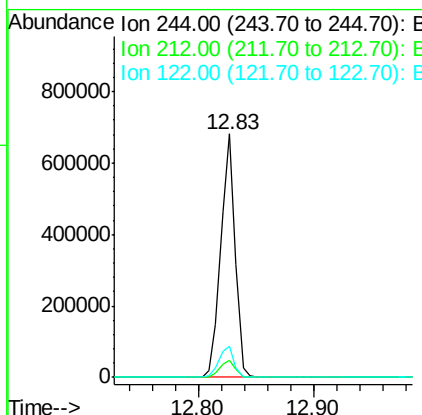
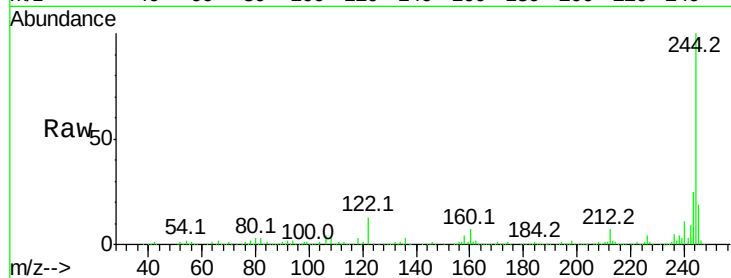




#78
 Terphenyl-d14
 Concen: 53.951 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 588747
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Tgt Ion:264 Resp: 149001
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.3 17.2 25.8

