

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097374.D
 Acq On : 4 Aug 2017 23:52
 Operator : SJ/JU
 Sample : I4591-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 05 01:29:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

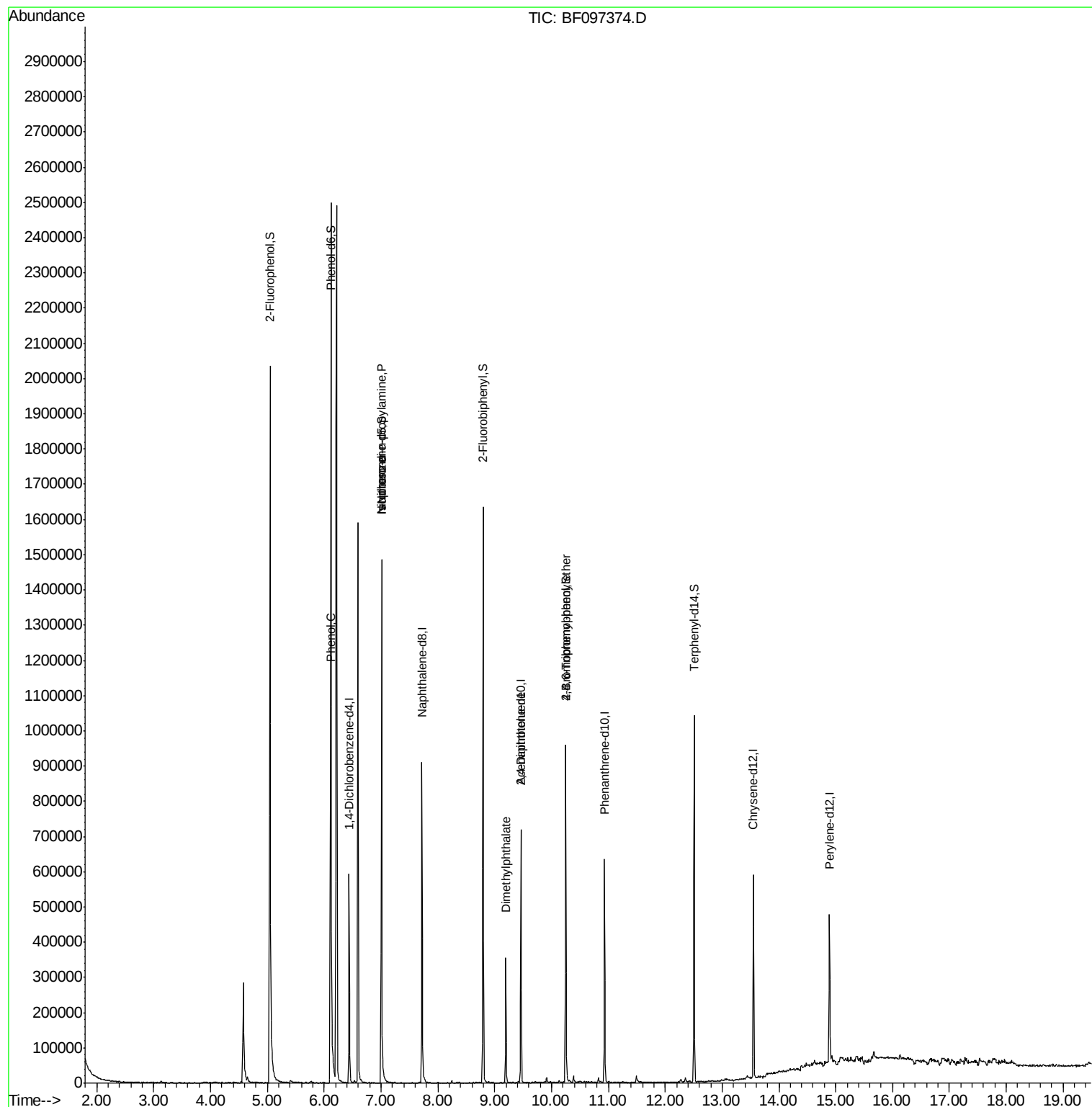
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	89996	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	412780	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	147262	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	216335	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	195215	20.00	ng	-0.08
86) Perylene-d12	14.89	264	165631	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	691548	115.84	ng	-0.05
7) Phenol-d6	6.12	99	861881	126.46	ng	-0.05
23) Nitrobenzene-d5	7.01	82	444817	63.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	107521	92.41	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	530503	61.14	ng	-0.07
78) Terphenyl-d14	12.51	244	296038	30.92	ng	-0.08
Target Compounds						
10) Phenol	6.13	94	45342	5.61	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.01	70	58450	13.03	ng	# 83
25) Isophorone	7.01	82	436185	31.65	ng	# 67
49) Dimethylphthalate	9.20	163	149081	13.33	ng	98
56) 2,4-Dinitrotoluene	9.46	165	18534	6.80	ng	# 34
66) 4-Bromophenyl-phenylether	10.25	248	6738	3.12	ng	# 1

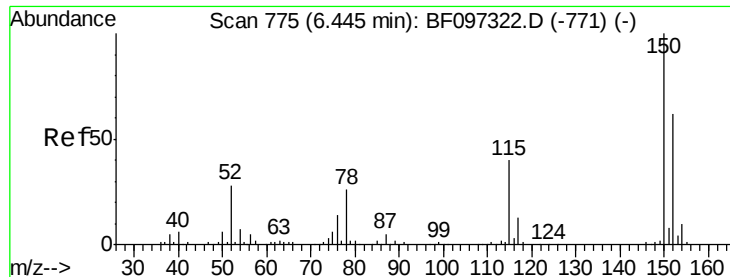
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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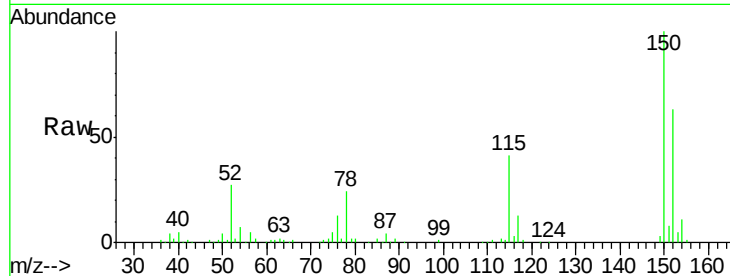


#1

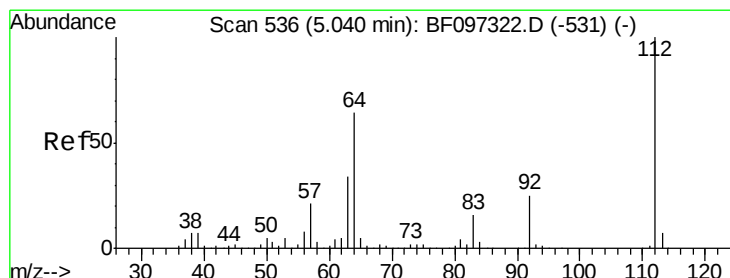
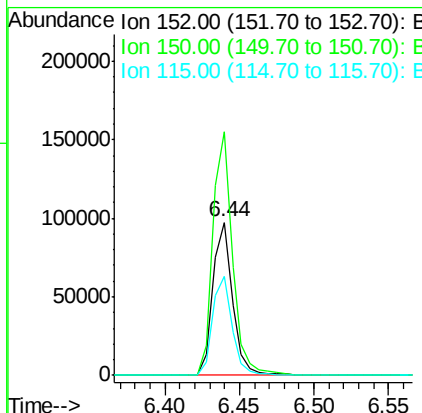
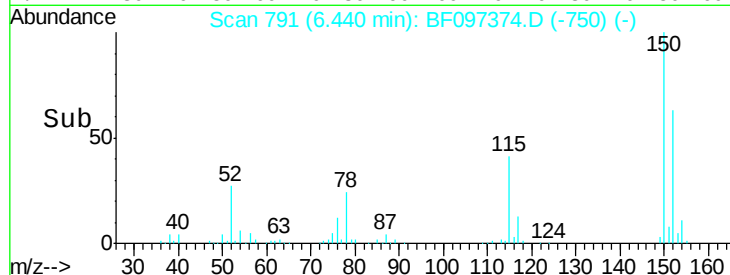
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	64.8	52.2	78.2



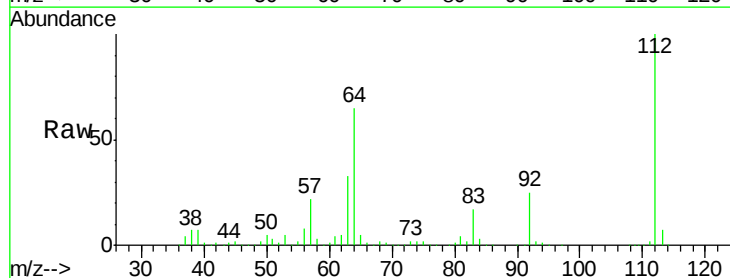
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



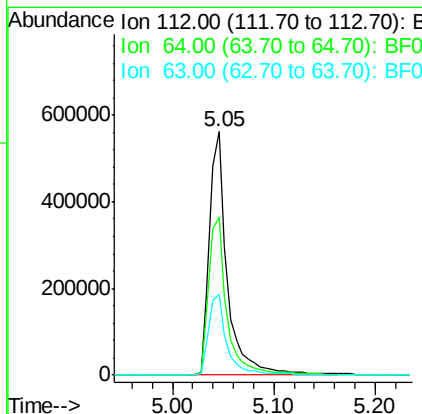
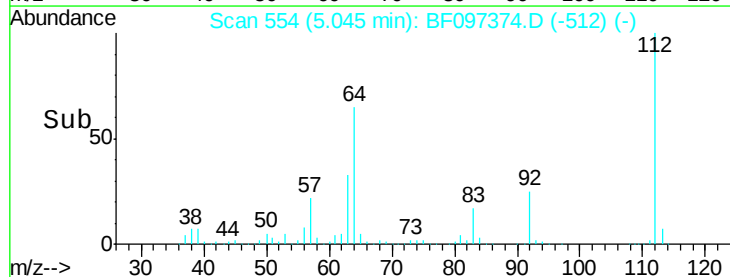
#5

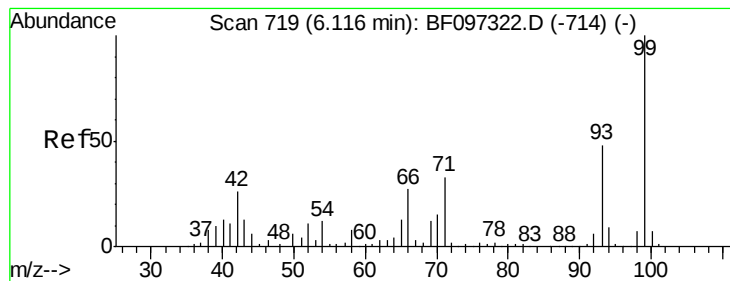
2-Fluorophenol
 Concen: 115.84 ng
 RT: 5.05 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.1	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: 126.46 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097374.D

Acq: 4 Aug 2017 23:52

Instrument :

BNA_F

ClientSampleId :

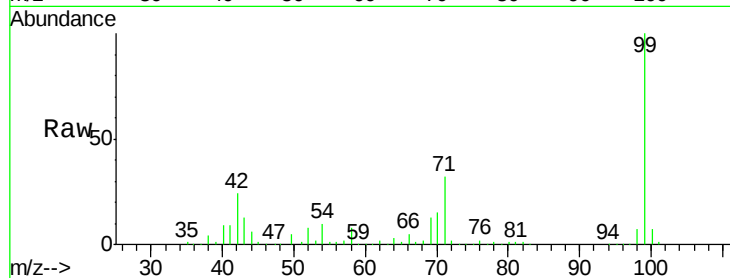
Tot Ion: 99 Resp: 861881

Ion Ratio Lower Upper

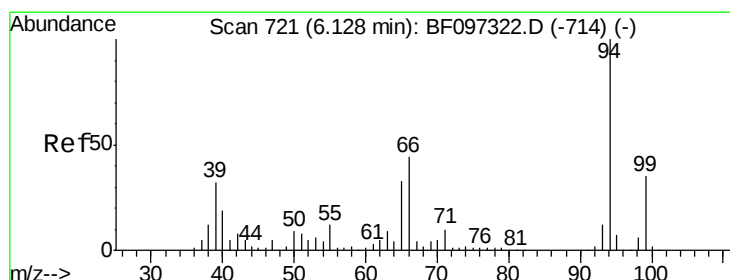
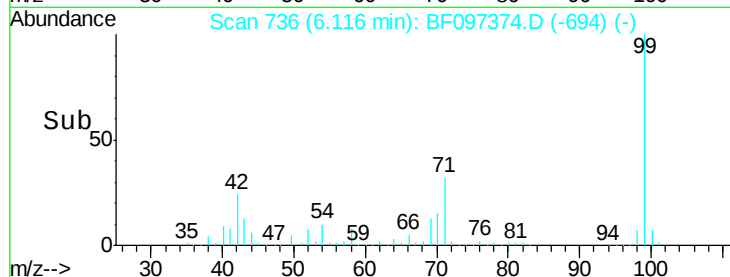
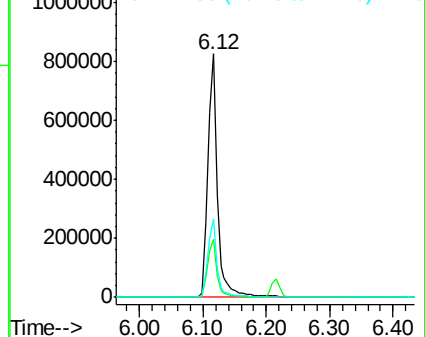
99 100

42 23.8 13.5 20.3#

71 32.4 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: 5.61 ng

RT: 6.13 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF097374.D

Acq: 4 Aug 2017 23:52

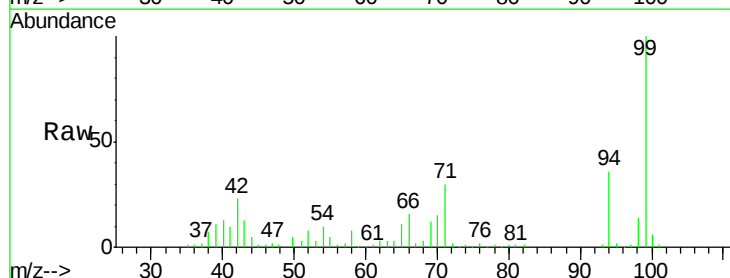
Tgt Ion: 94 Resp: 45342

Ion Ratio Lower Upper

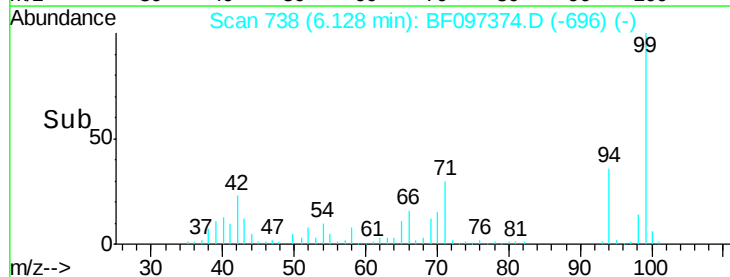
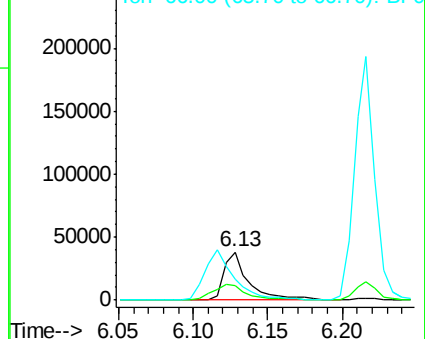
94 100

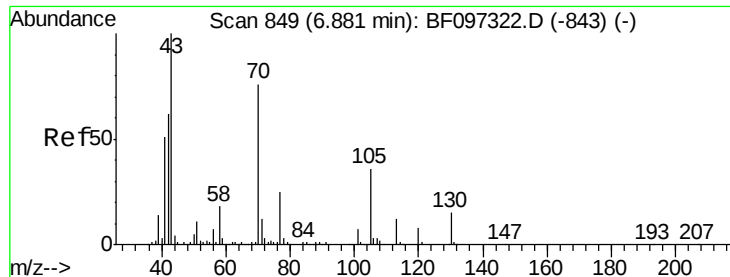
65 31.1 9.9 49.9

66 44.3 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

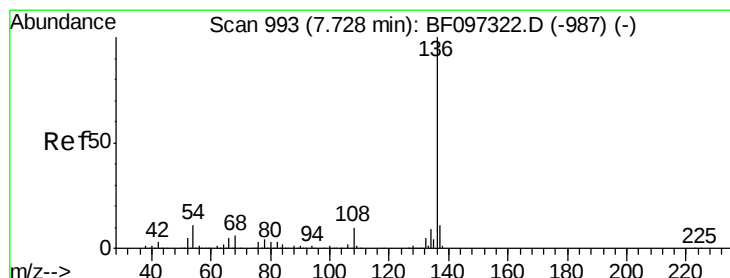
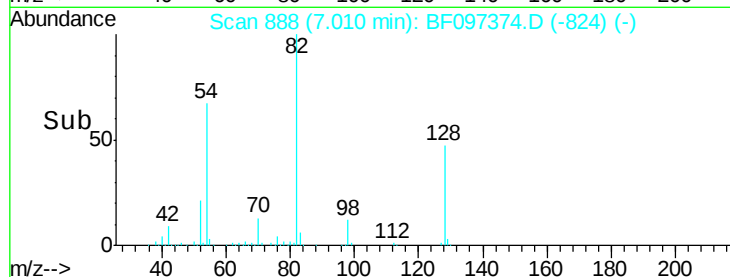
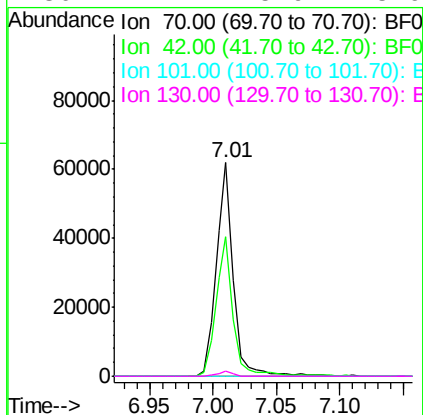
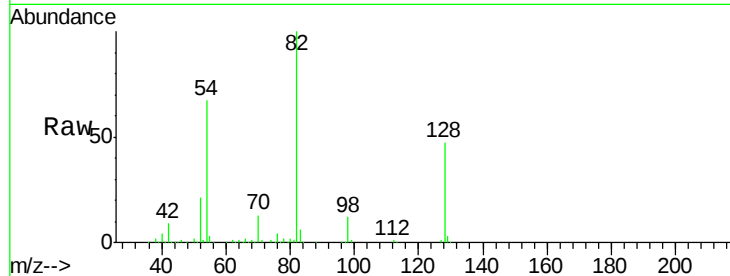




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.01 min Scan# 888
Delta R.T. 0.08 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

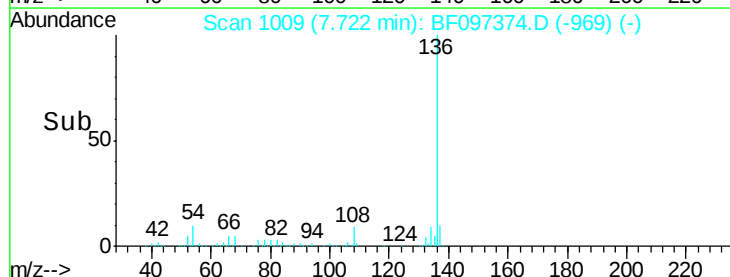
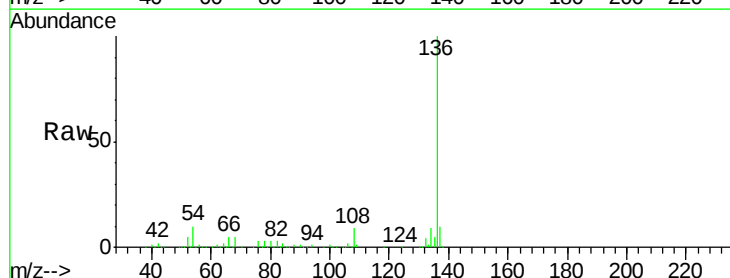
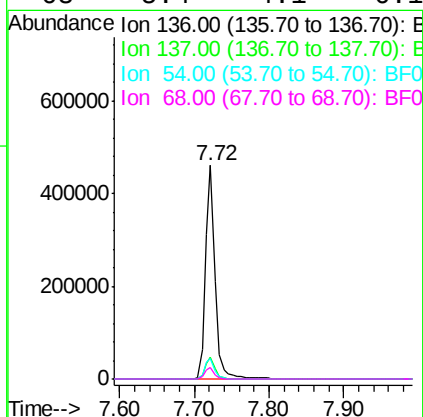
Instrument :
BNA_F
ClientSampleId :

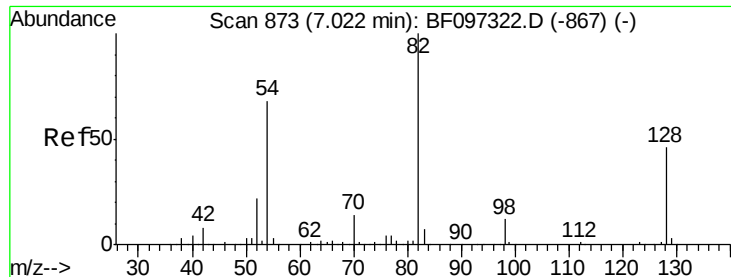
Tot Ion: 70 Resp: 58450
Ion Ratio Lower Upper
70 100
42 65.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Tgt Ion: 136 Resp: 412780
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 9.9 4.9 7.3#
68 5.4 4.1 6.1

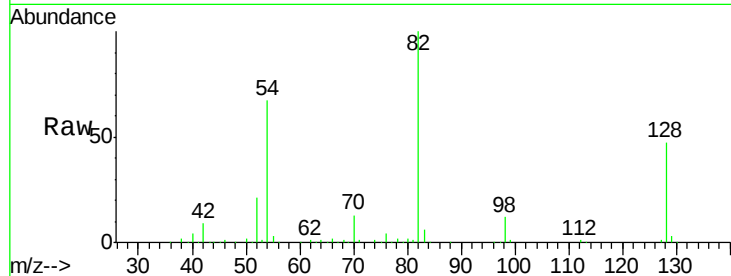




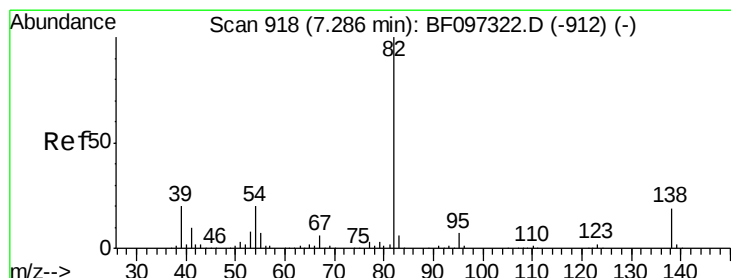
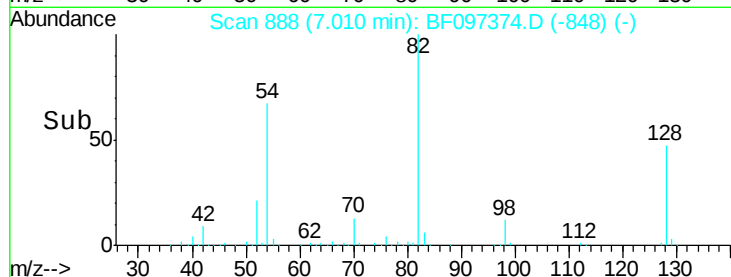
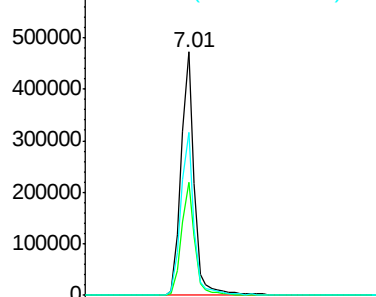
#23
Nitrobenzene-d5
Concen: 63.22 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 444817
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 67.1 42.2 63.2#

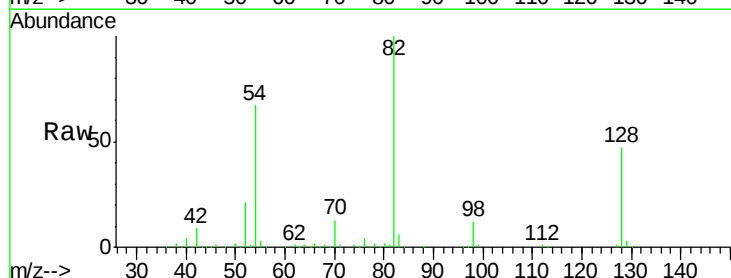


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

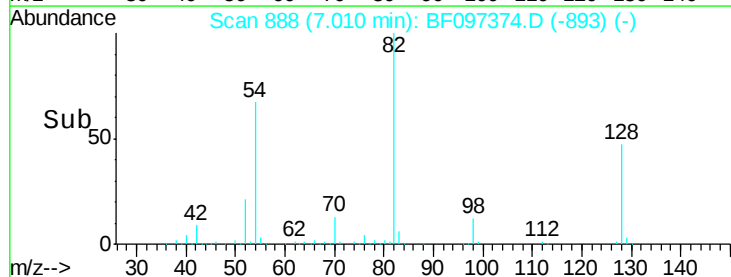
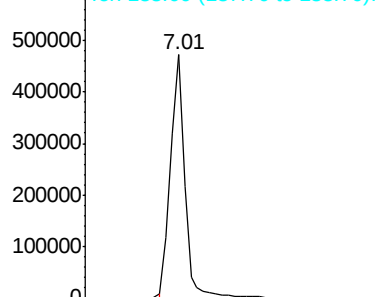


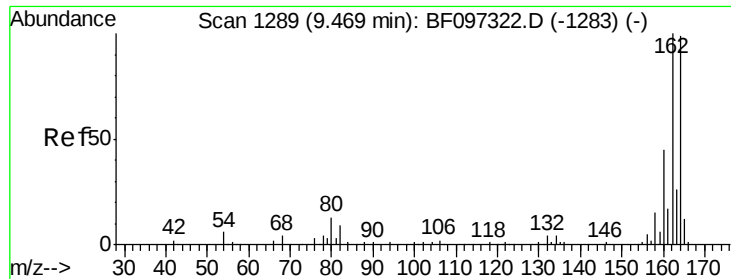
#25
Isophorone
Concen: 31.65 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.33 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Tgt Ion: 82 Resp: 436185
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



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

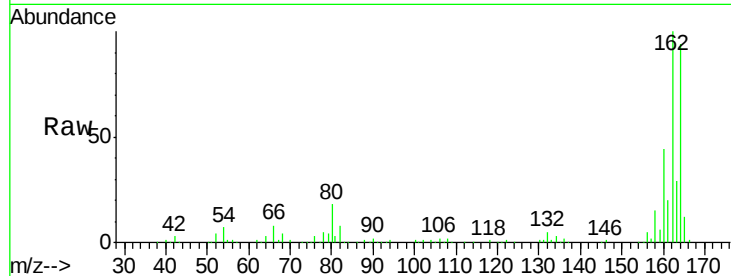




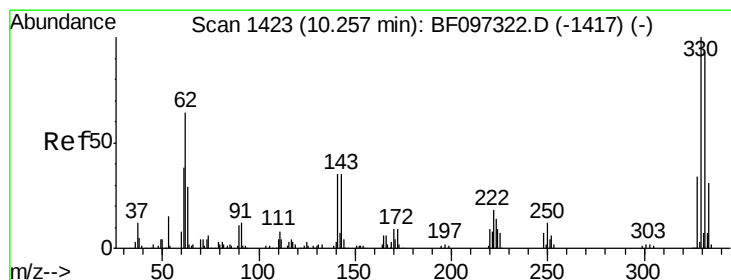
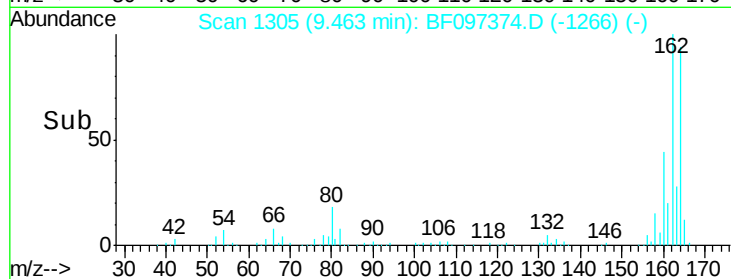
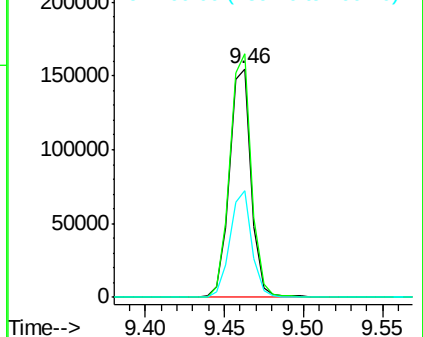
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 147262
Ion Ratio Lower Upper
164 100
162 106.6 82.6 123.8
160 46.9 36.2 54.2

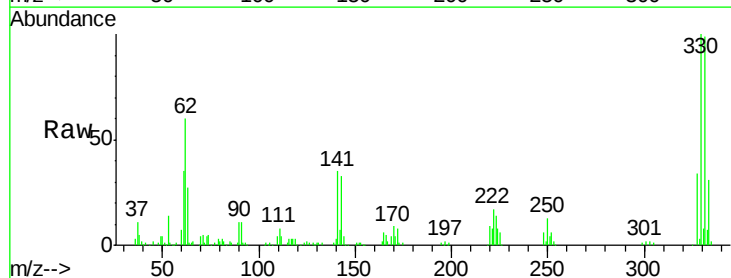


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

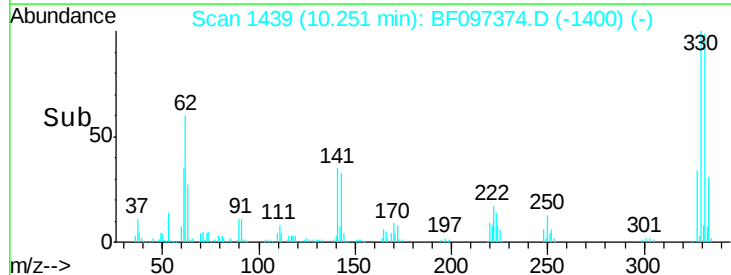
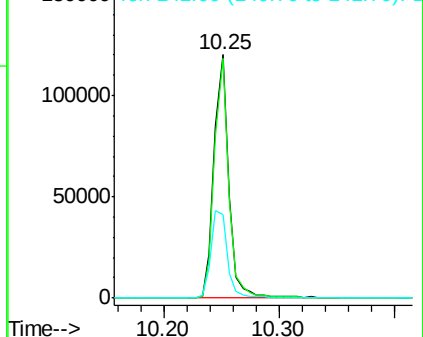


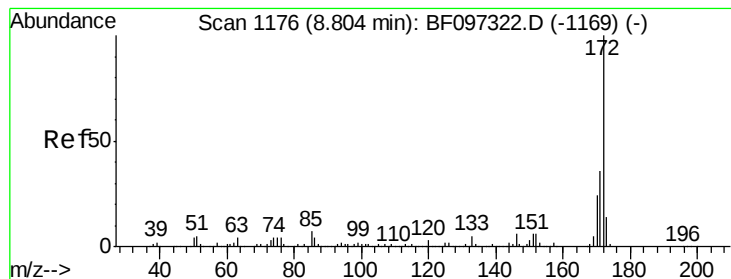
#41
2,4,6-Tribromophenol
Concen: 92.41 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Tgt Ion:330 Resp: 107521
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 39.6 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

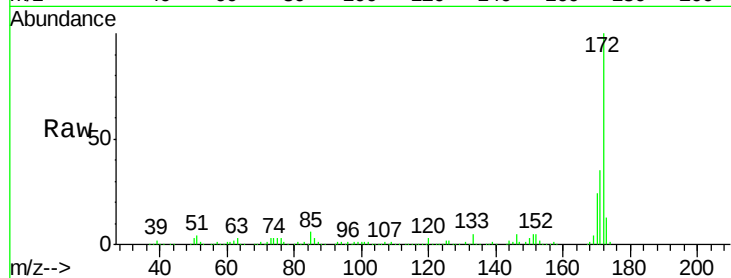




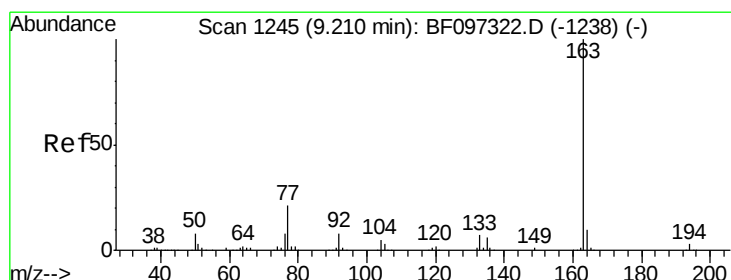
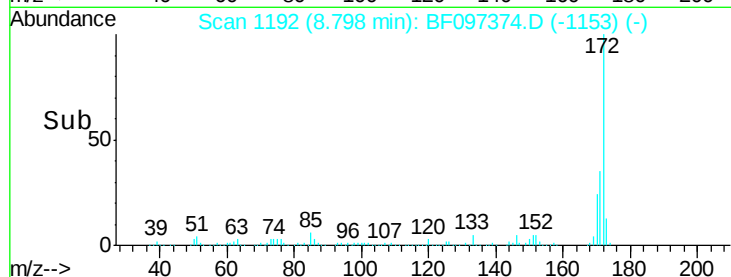
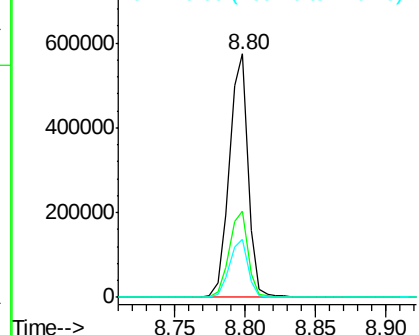
#44
2-Fluorobiphenyl
Concen: 61.14 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.7	19.8	29.8

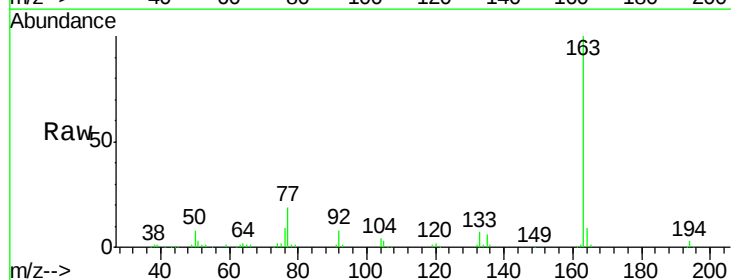


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

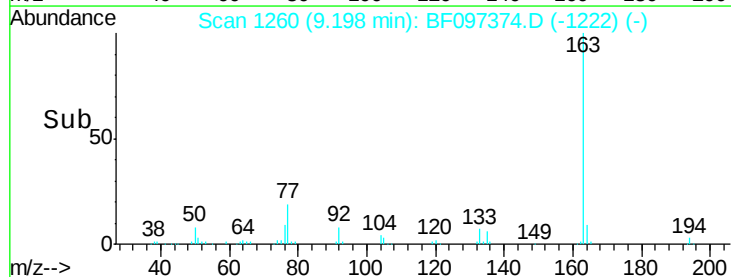
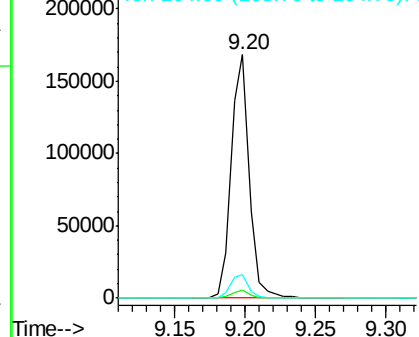


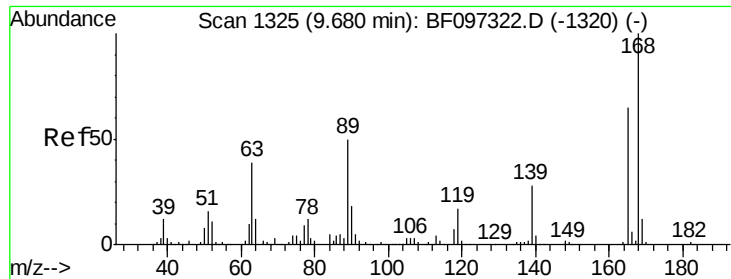
#49
Dimethylphthalate
Concen: 13.33 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097374.D
Acq: 4 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

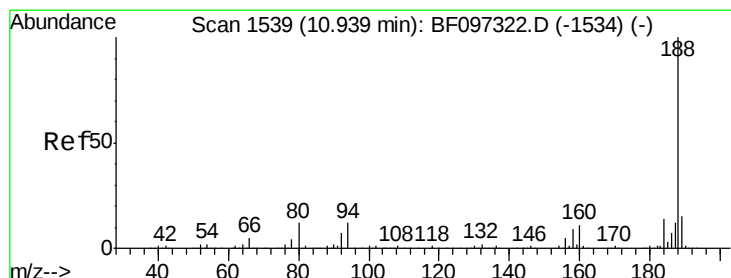
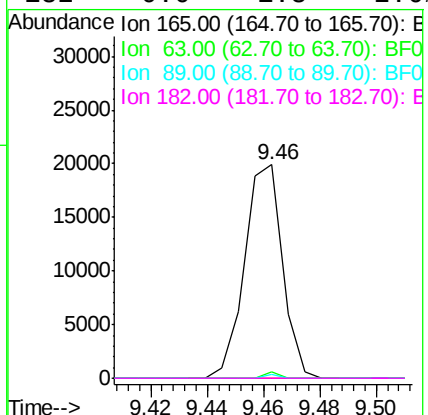
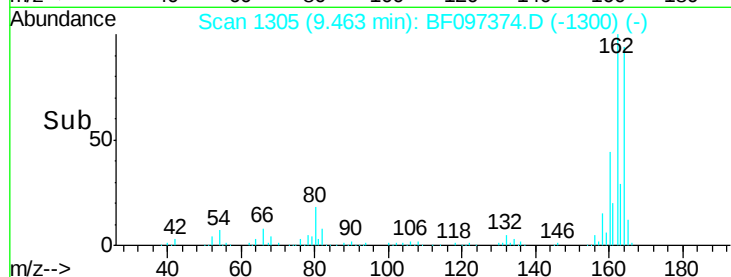
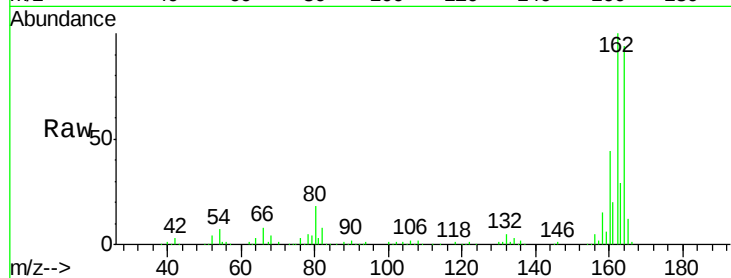




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.27 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

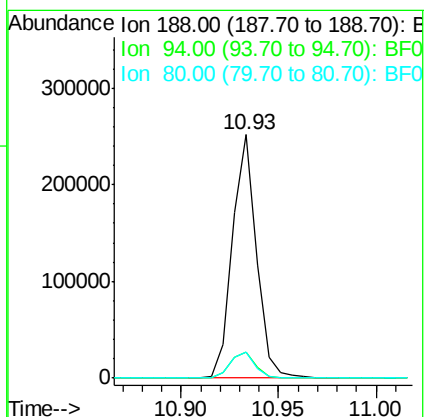
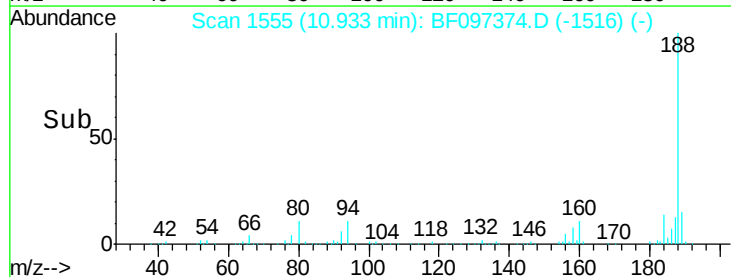
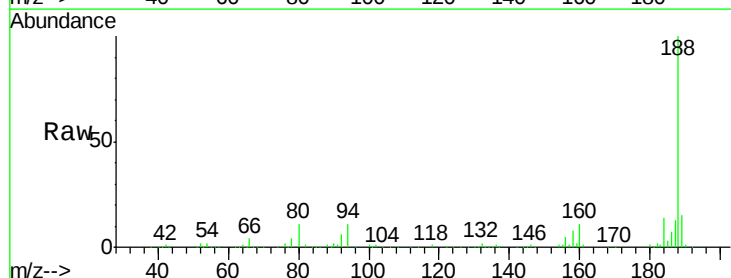
Instrument :
 BNA_F
 ClientSampleId :

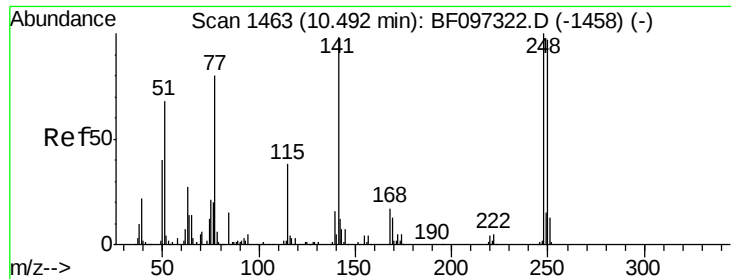
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.07 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.7	10.2	15.2

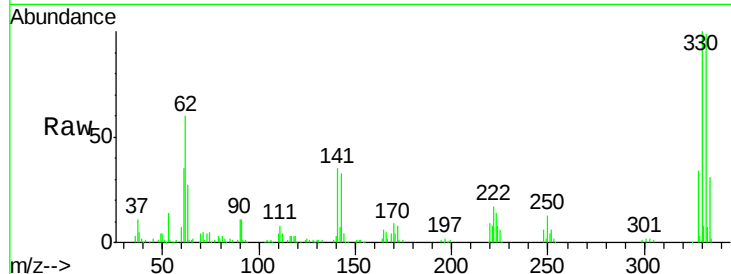




#66
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.31 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	214.4	76.8	115.2#	
141	586.3	68.6	103.0#	

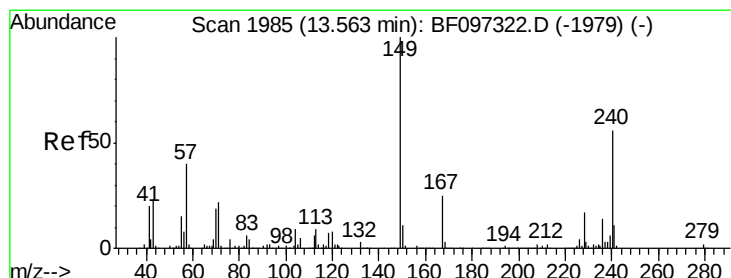
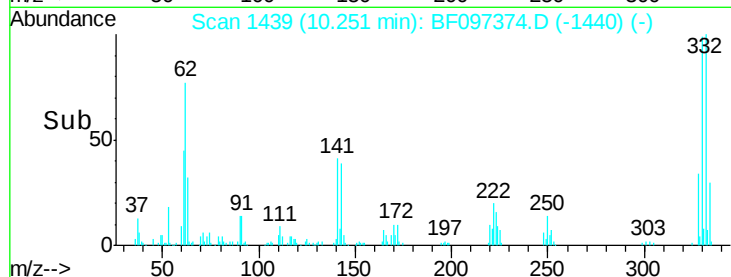
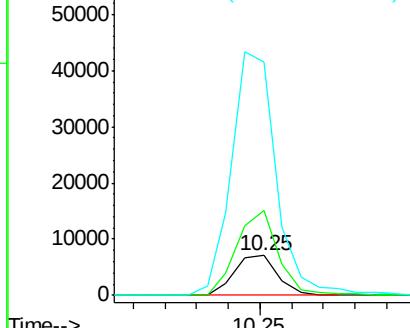


Abundance

Ion 248.00 (247.70 to 248.70): E

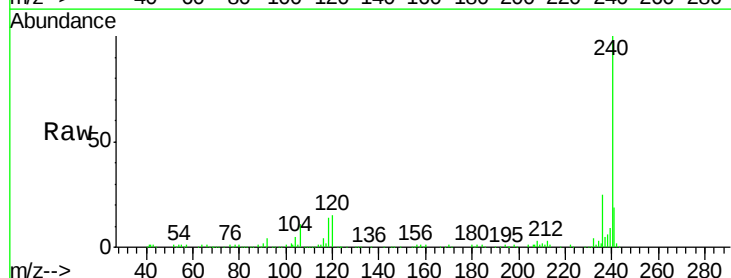
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.55 min Scan# 2000
 Delta R.T. -0.08 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	15.0	5.8	8.8#	
236	25.1	20.5	30.7	

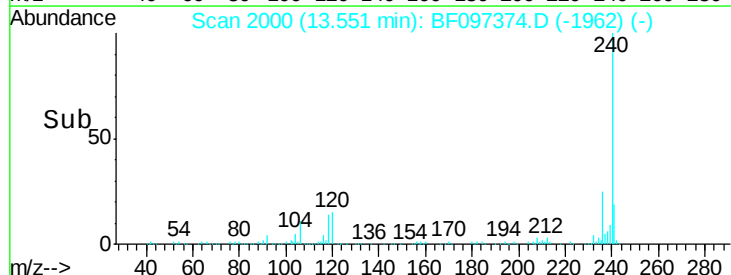
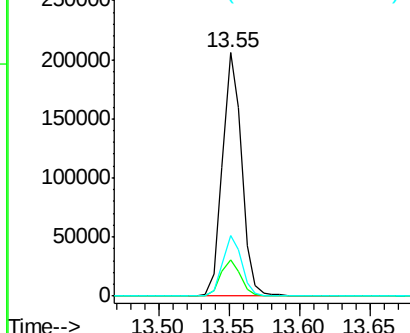


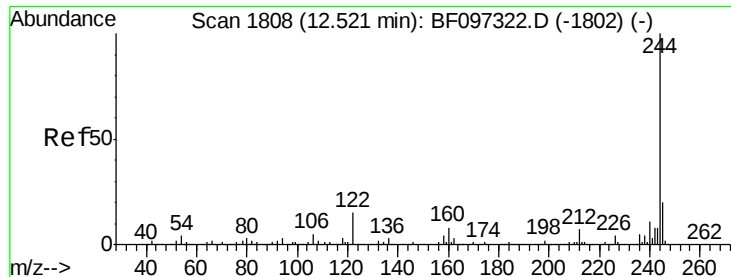
Abundance

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

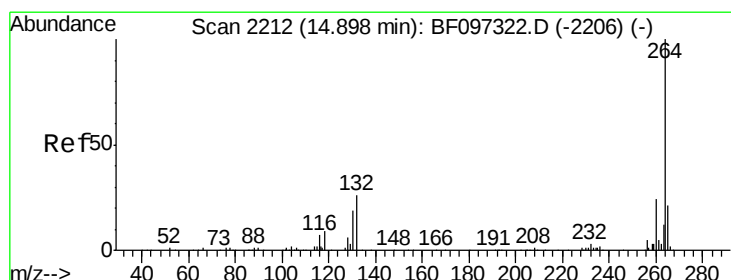
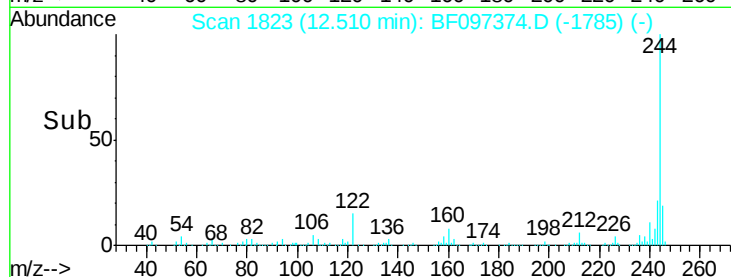
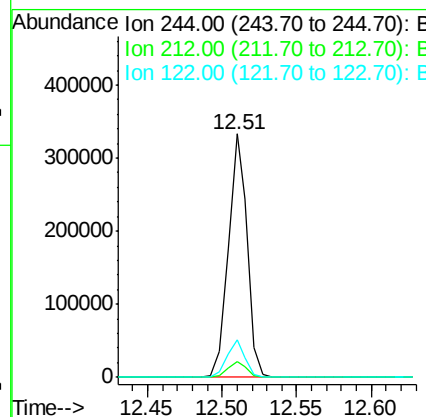
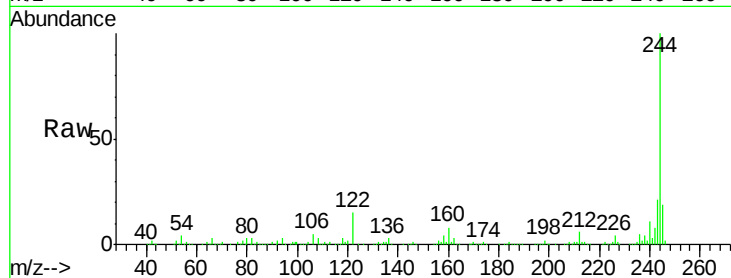




#78
 Terphenyl-d14
 Concen: 30.92 ng
 RT: 12.51 min Scan# 1823
 Delta R.T. -0.08 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 296038
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 15.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097374.D
 Acq: 4 Aug 2017 23:52

Tgt Ion:264 Resp: 165631
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.0 17.2 25.8

