

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097399.D
 Acq On : 5 Aug 2017 16:09
 Operator : SJ/JU
 Sample : I4594-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:08:04 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

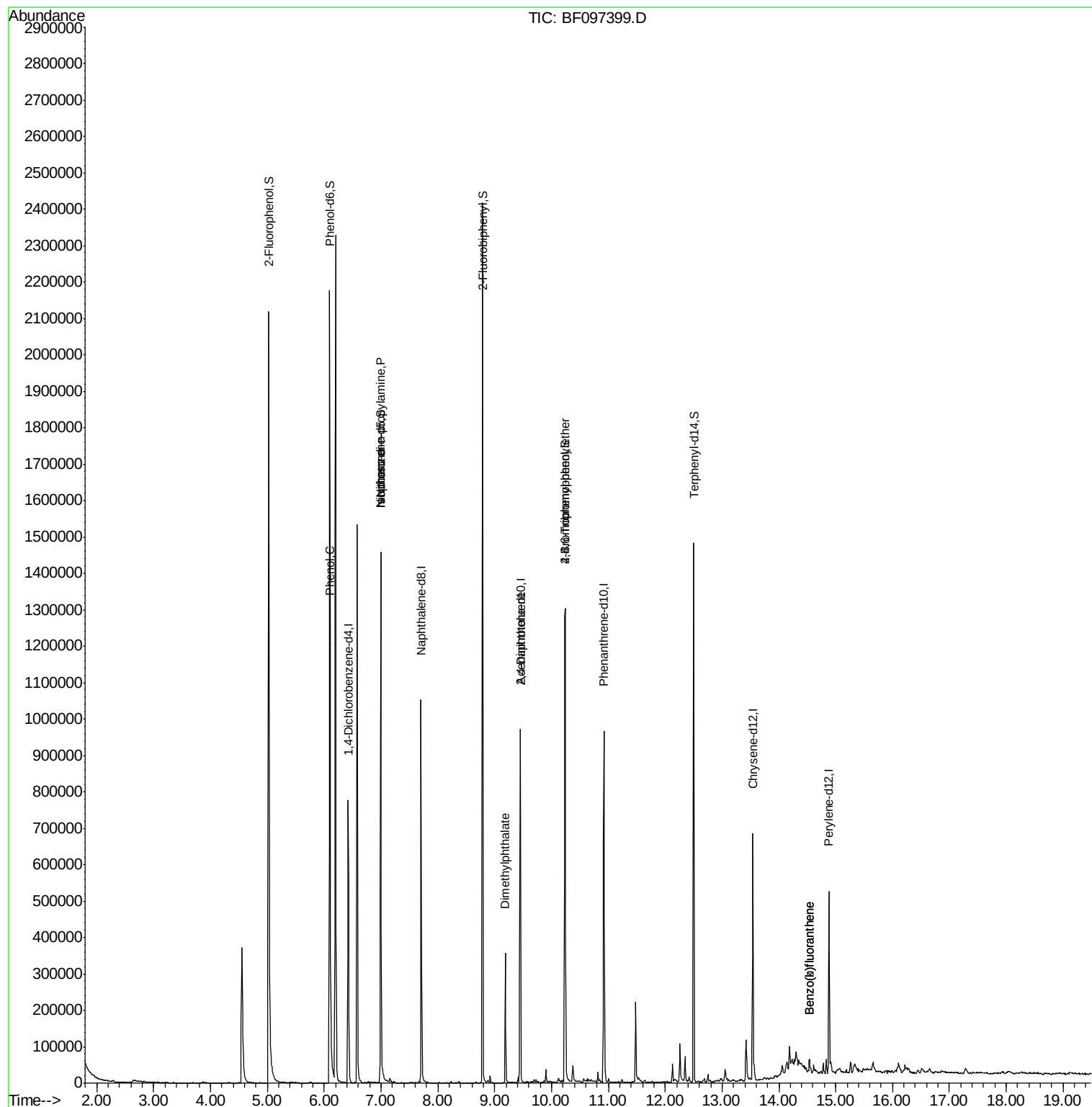
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	116780	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	509029	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	195916	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	326449	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	220923	20.00	ng	-0.09
86) Perylene-d12	14.88	264	192041	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	691635	89.28	ng	-0.08
7) Phenol-d6	6.10	99	791055	89.45	ng	-0.07
23) Nitrobenzene-d5	7.00	82	453865	52.31	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	153477	99.15	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	719158	62.30	ng	-0.08
78) Terphenyl-d14	12.50	244	470119	43.39	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	21027	2.00	ng	Qvalue 79
19) n-Nitroso-di-n-propylamine	7.00	70	61107	10.50	ng	# 87
25) Isophorone	7.00	82	453862	26.71	ng	# 67
49) Dimethylphthalate	9.19	163	136333	9.16	ng	99
56) 2,4-Dinitrotoluene	9.45	165	24475	6.75	ng	# 32
66) 4-Bromophenyl-phenylether	10.24	248	9433	2.90	ng	# 1
87) Benzo(b)fluoranthene	14.54	252	23504	2.04	ng	# 94
88) Benzo(k)fluoranthene	14.54	252	23504	2.14	ng	99

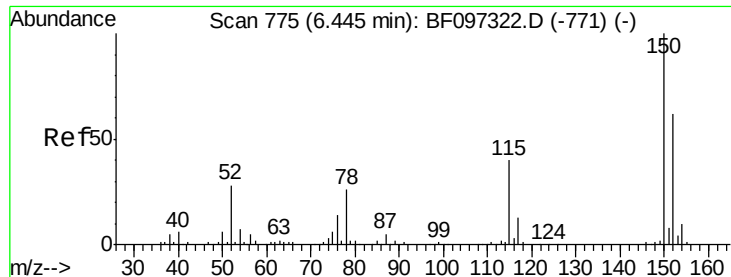
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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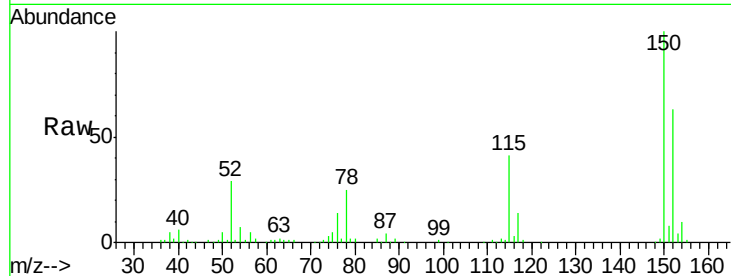


#1

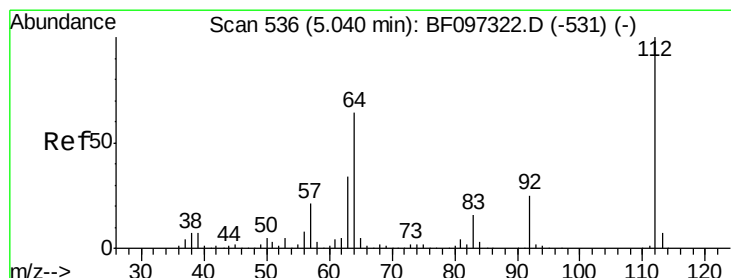
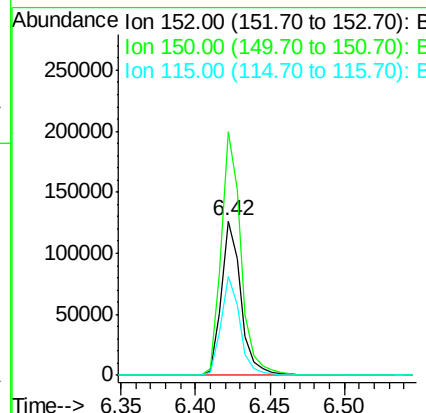
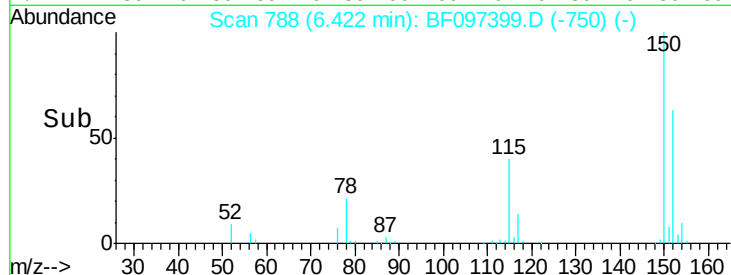
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.08 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 116780
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 64.4 52.2 78.2



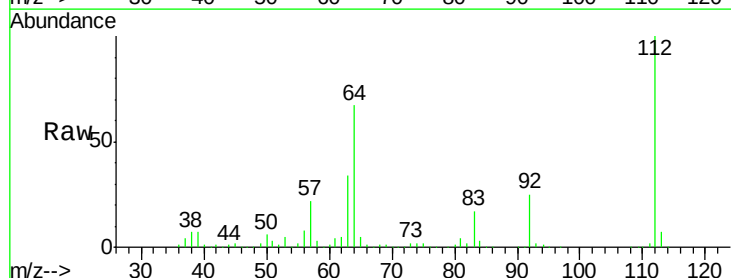
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



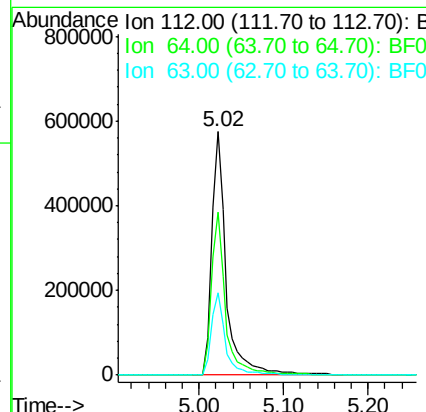
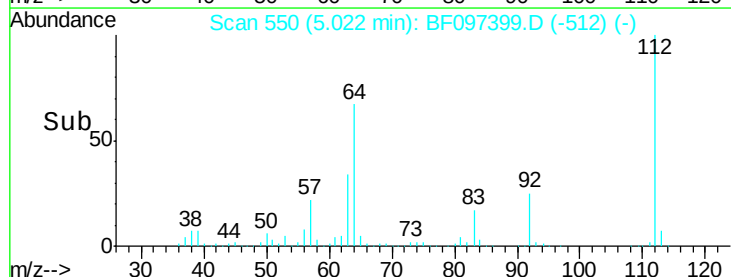
#5

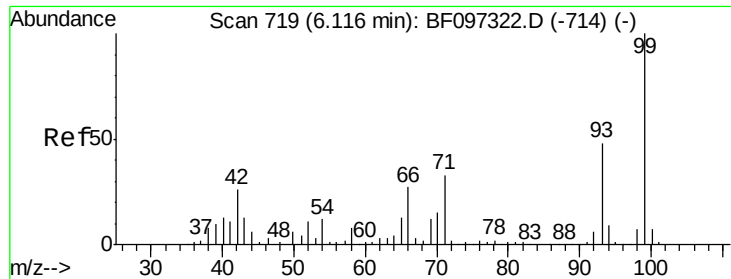
2-Fluorophenol
 Concen: 89.28 ng
 RT: 5.02 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Tgt Ion:112 Resp: 691635
 Ion Ratio Lower Upper
 112 100
 64 67.1 46.0 69.0
 63 34.0 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: 89.45 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097399.D

Acq: 5 Aug 2017 16:09

Instrument :

BNA_F

ClientSampled :

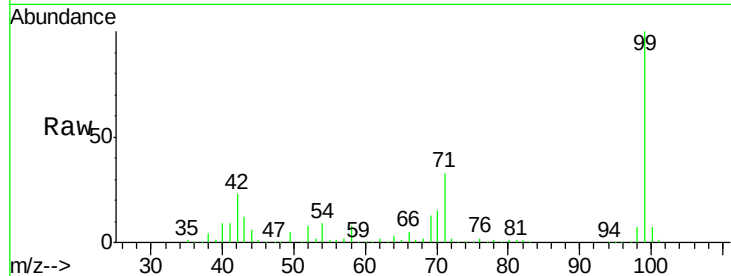
Tot Ion: 99 Resp: 791055

Ion Ratio Lower Upper

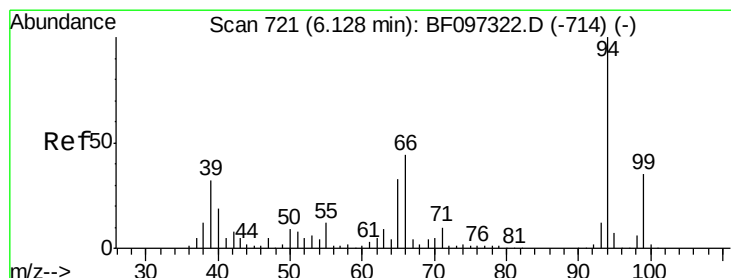
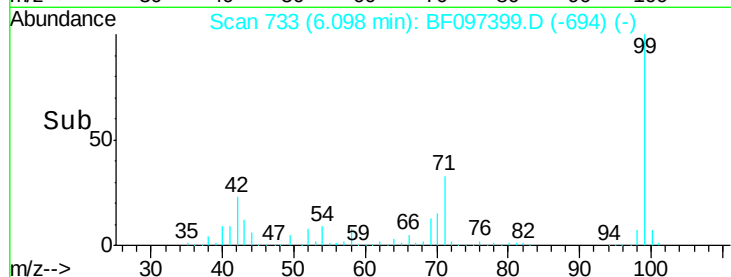
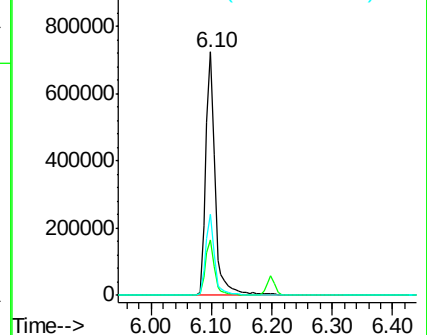
99 100

42 23.0 13.5 20.3#

71 33.2 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: 2.00 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097399.D

Acq: 5 Aug 2017 16:09

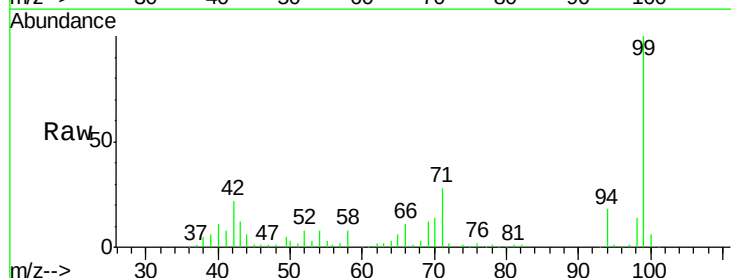
Tgt Ion: 94 Resp: 21027

Ion Ratio Lower Upper

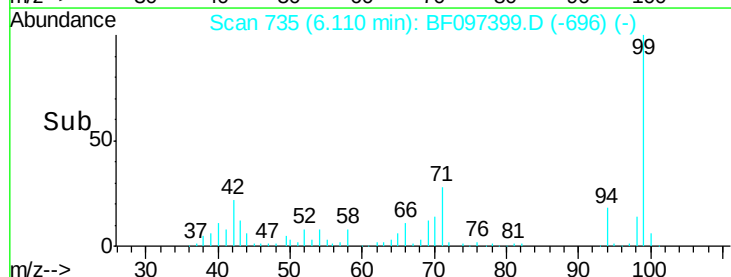
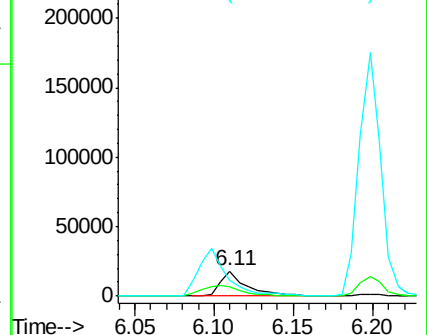
94 100

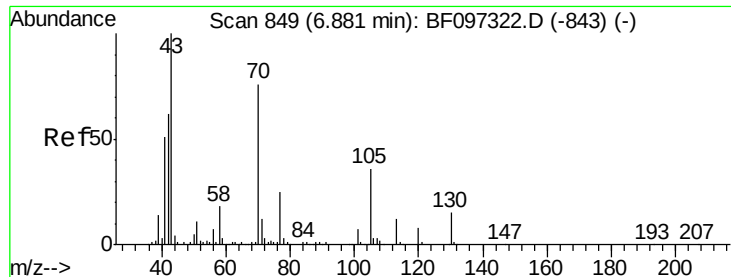
65 35.4 9.9 49.9

66 61.1 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

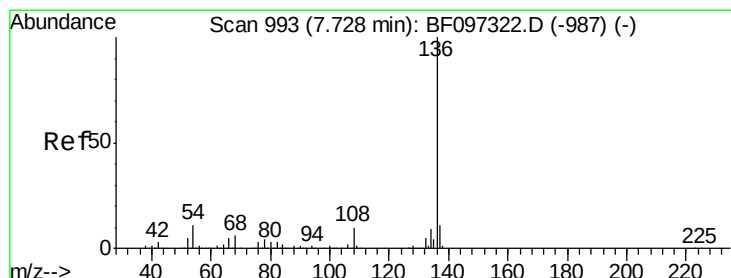
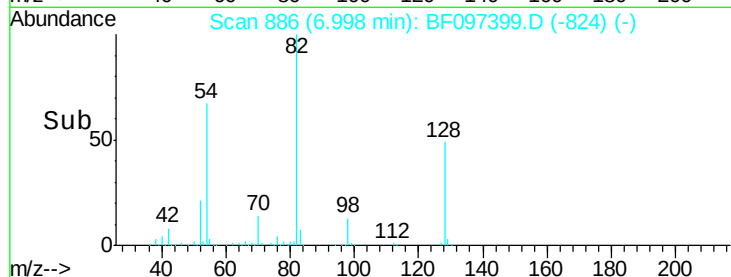
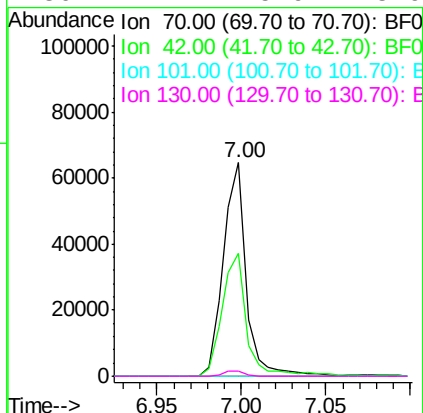
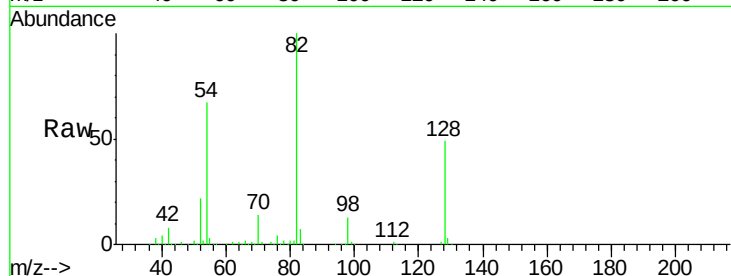




#19
n-Nitroso-di-n-propylamine
Concen: 10.50 ng
RT: 7.00 min Scan# 886
Delta R.T. 0.06 min
Lab File: BF097399.D
Acq: 5 Aug 2017 16:09

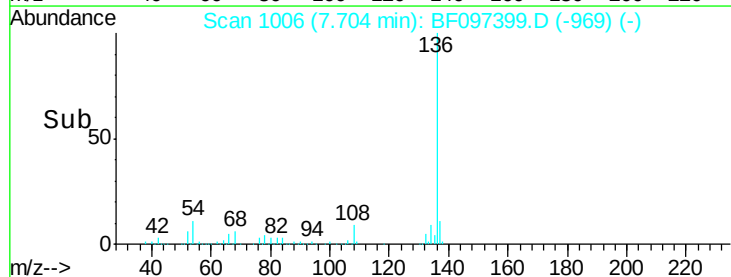
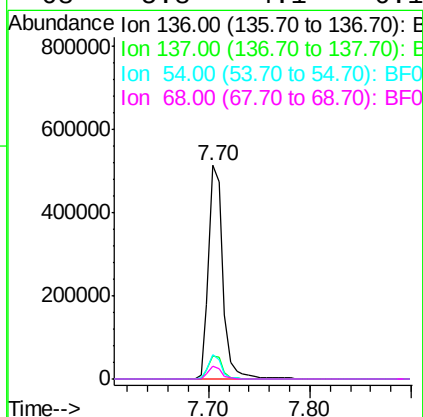
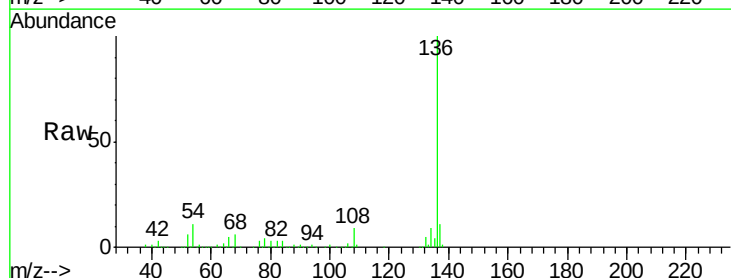
Instrument :
BNA_F
ClientSampleId :

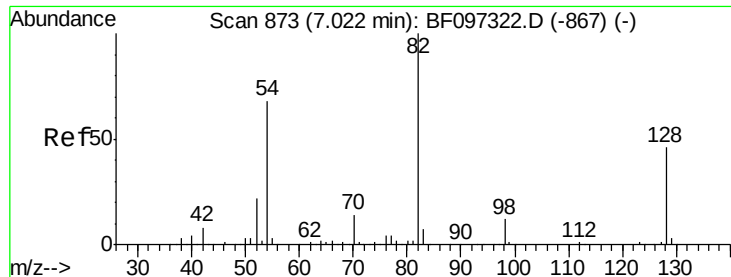
Tot Ion: 70 Resp: 61107
Ion Ratio Lower Upper
70 100
42 57.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097399.D
Acq: 5 Aug 2017 16:09

Tgt Ion:136 Resp: 509029
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.1 4.9 7.3#
68 5.8 4.1 6.1

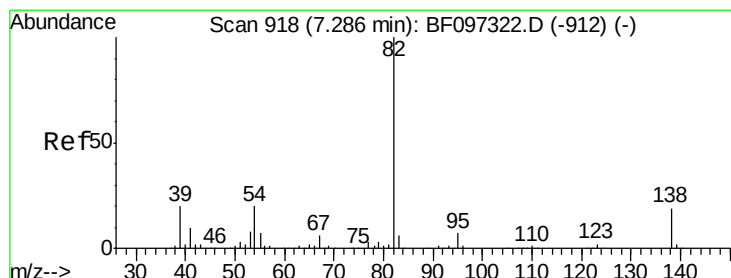
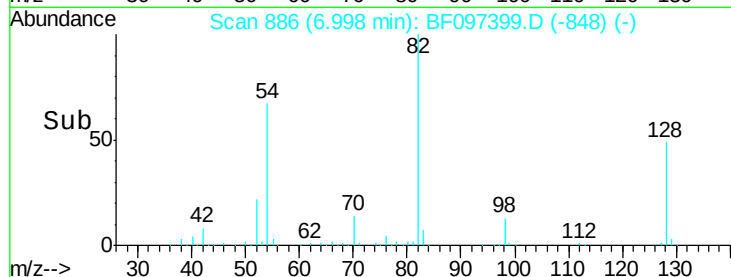
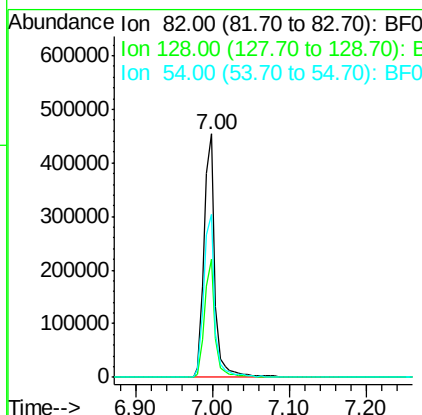
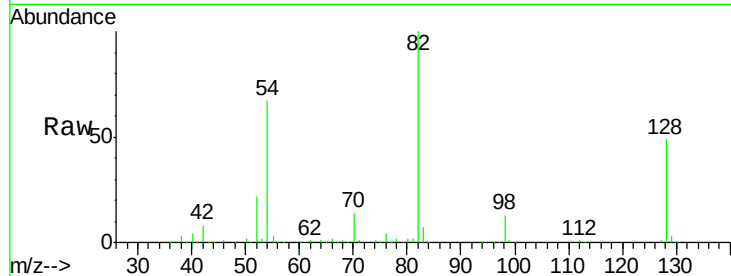




#23
 Nitrobenzene-d5
 Concen: 52.31 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

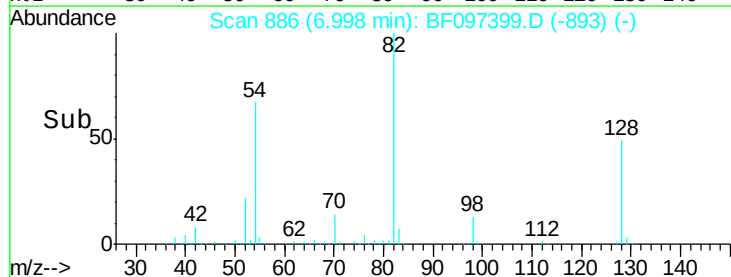
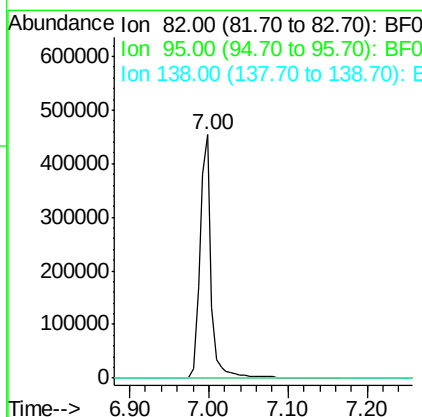
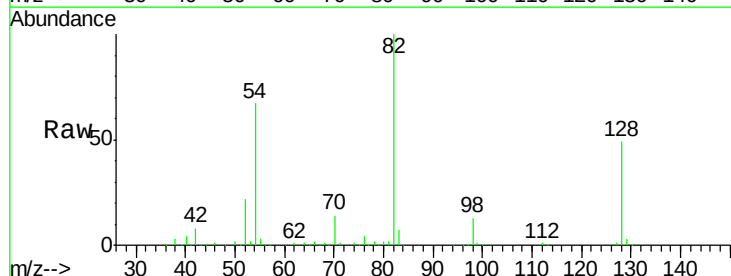
Instrument :
 BNA_F
 ClientSampleId :

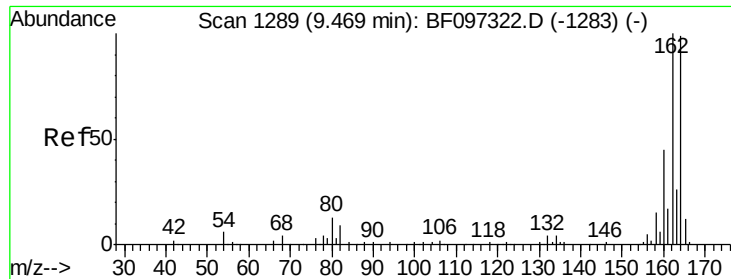
Tot Ion: 82 Resp: 453865
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.0 51.0
 54 66.8 42.2 63.2#



#25
 Isophorone
 Concen: 26.71 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.34 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Tgt Ion: 82 Resp: 453862
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097399.D

Acq: 5 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

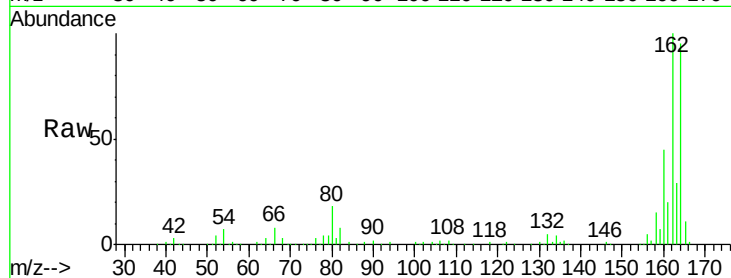
Tot Ion:164 Resp: 195916

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

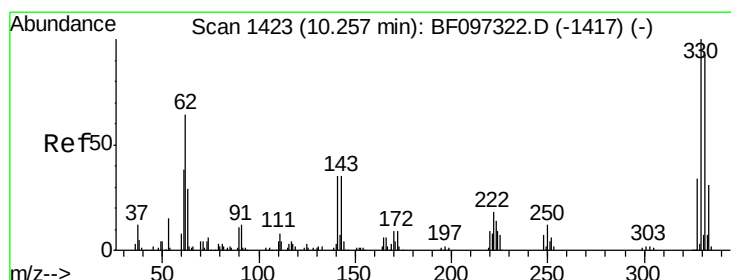
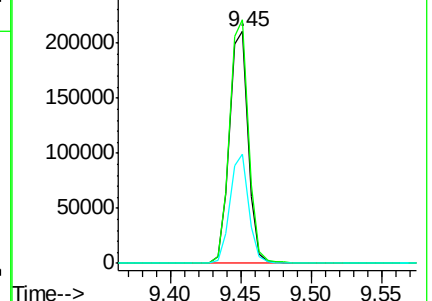
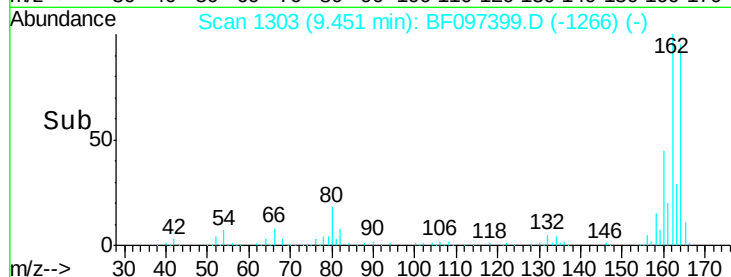
160 47.2 36.2 54.2



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: 99.15 ng

RT: 10.24 min Scan# 1437

Delta R.T. -0.08 min

Lab File: BF097399.D

Acq: 5 Aug 2017 16:09

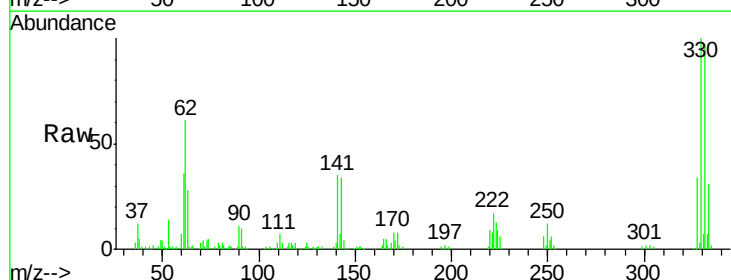
Tgt Ion:330 Resp: 153477

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

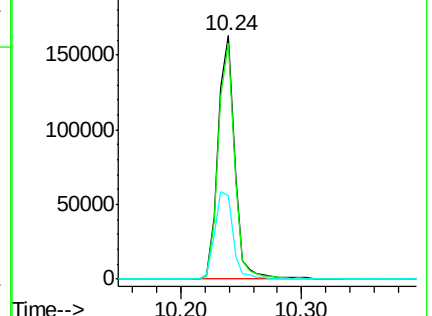
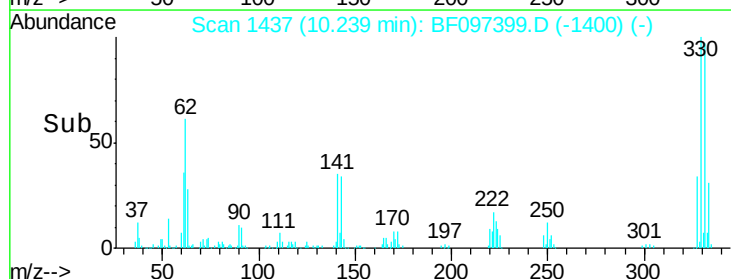
141 39.8 31.4 47.2

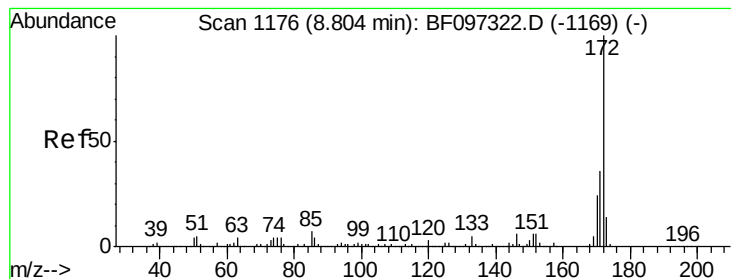


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

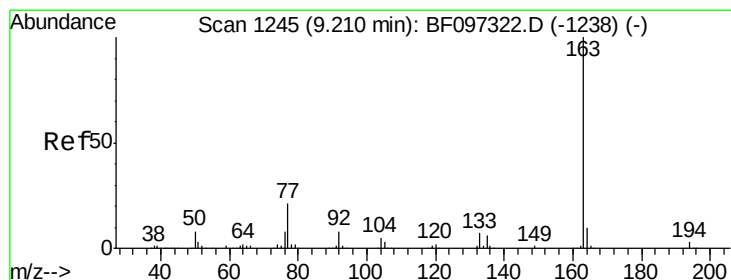
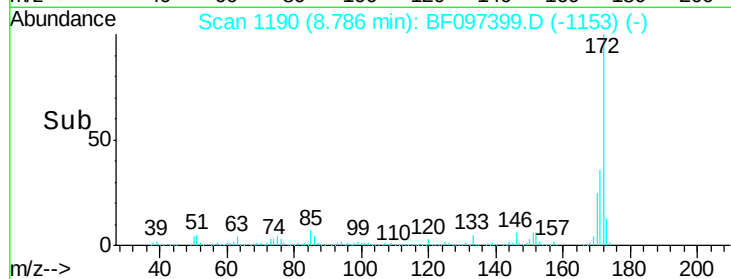
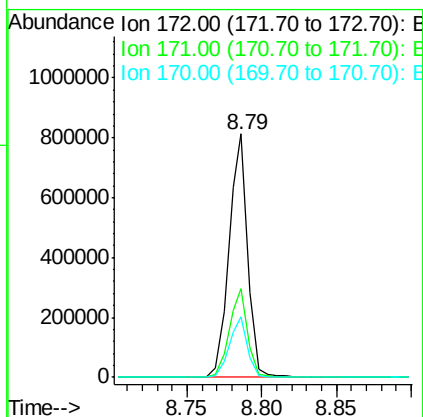
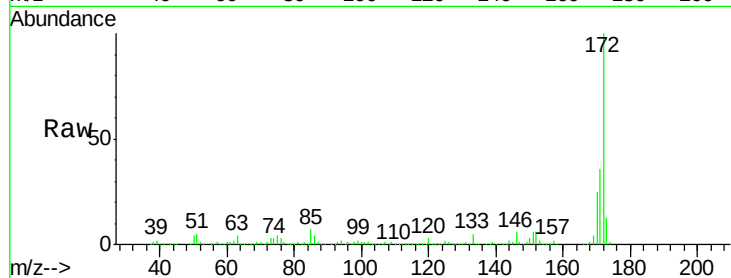




#44
2-Fluorobiphenyl
Concen: 62.30 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097399.D
Acq: 5 Aug 2017 16:09

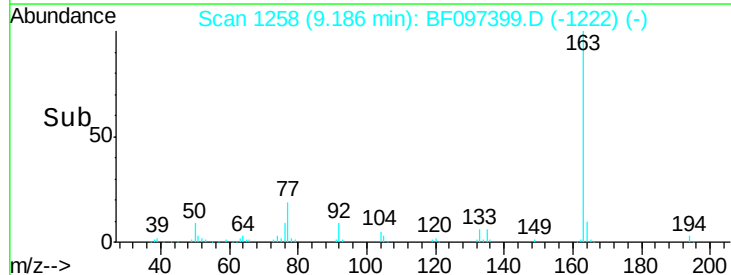
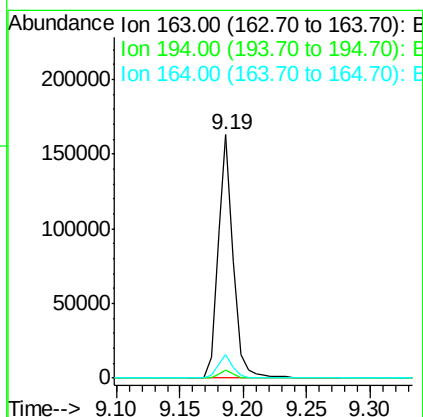
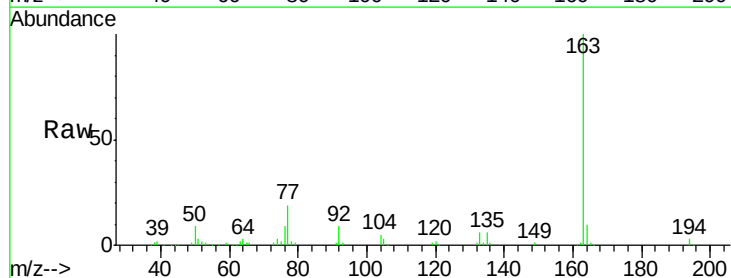
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BNA_F
ClientSampleId :

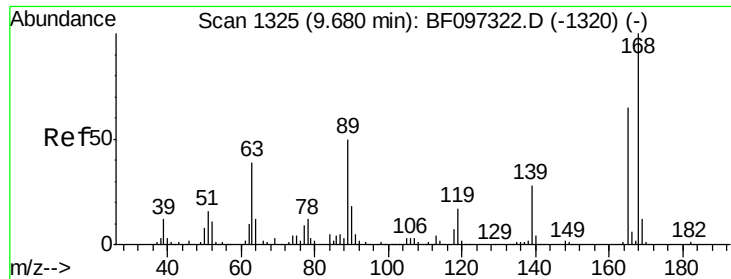
Tot Ion:172 Resp: 719158
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 19.8 29.8



#49
Dimethylphthalate
Concen: 9.16 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097399.D
Acq: 5 Aug 2017 16:09

Tgt Ion:163 Resp: 136333
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6

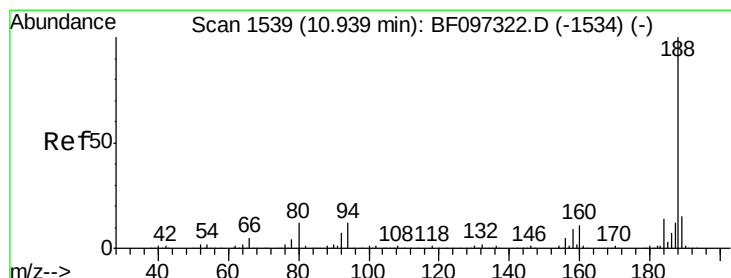
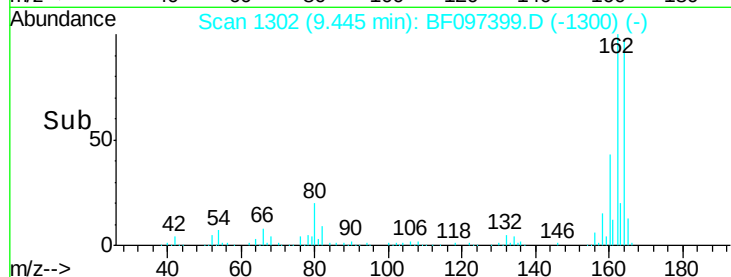
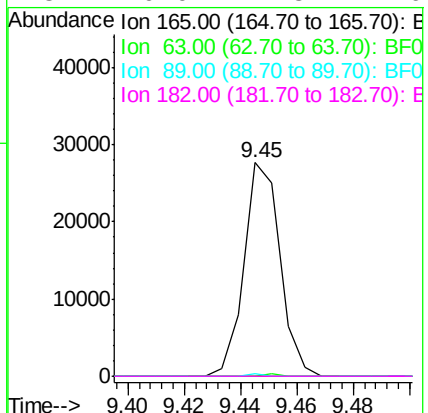
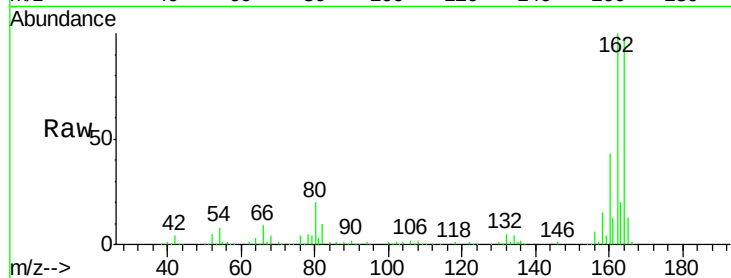




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.29 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

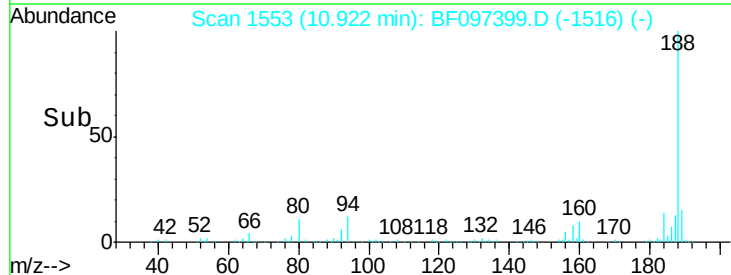
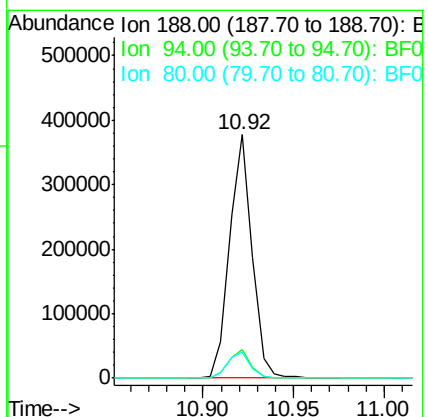
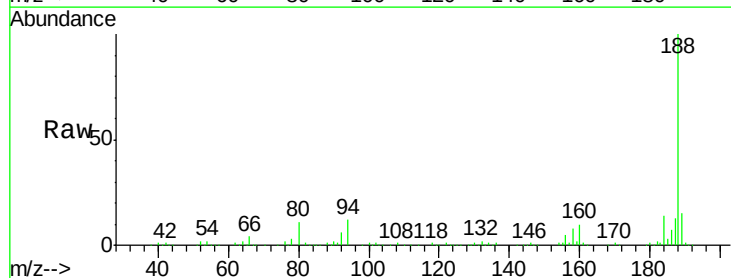
Instrument :
 BNA_F
 ClientSampleId :

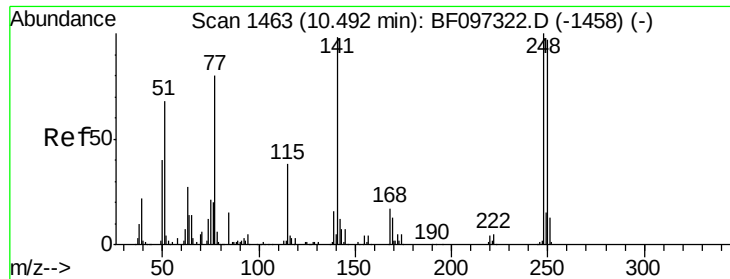
Tot Ion:	165	Resp:	24475
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.08 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Tgt Ion:	188	Resp:	326449
Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	10.9	10.2	15.2

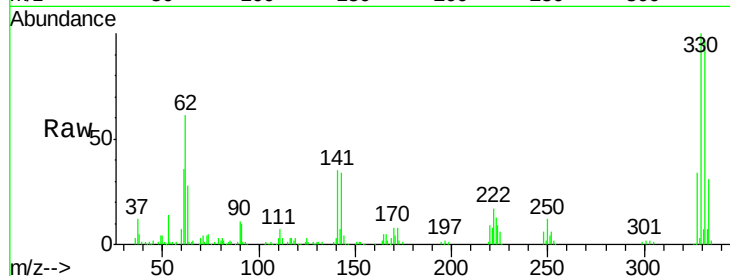




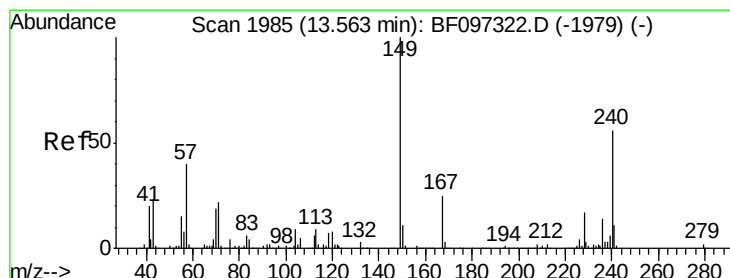
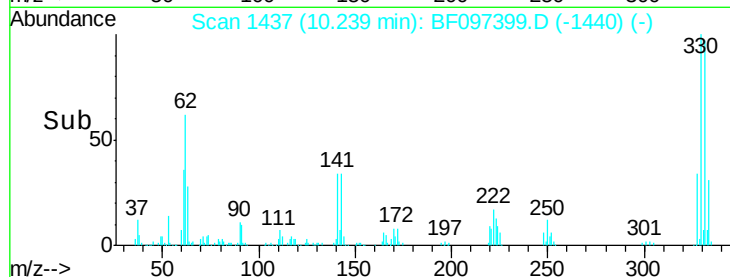
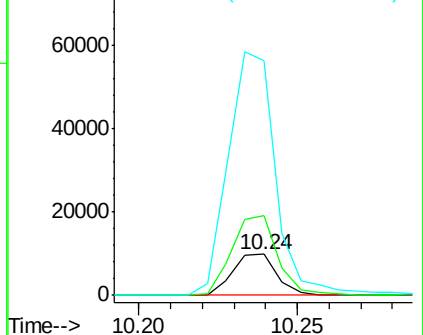
#66
 4-Bromophenyl-phenylether
 Concen: 2.90 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.32 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.8	115.2#
141	573.9	68.6	103.0#

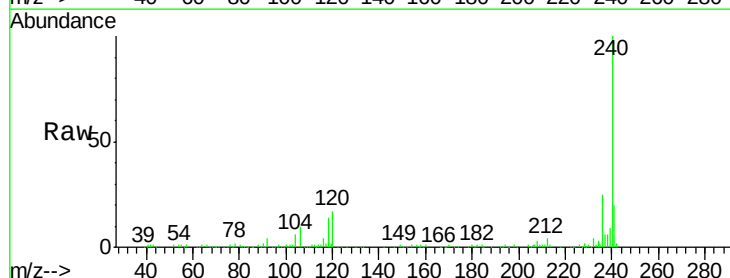


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

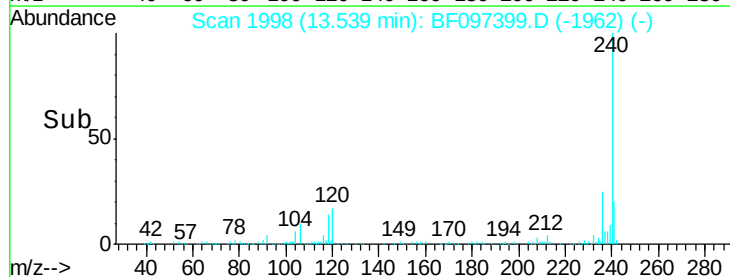
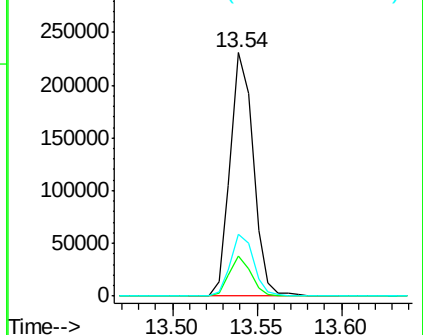


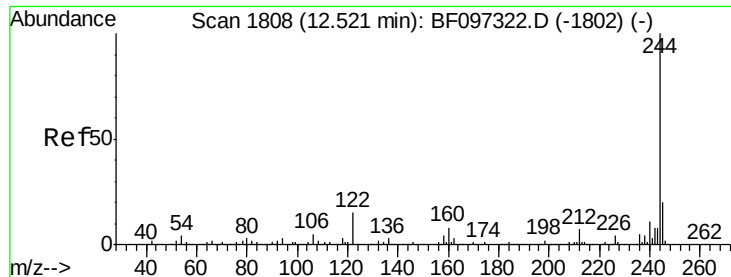
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.54 min Scan# 1998
 Delta R.T. -0.09 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	25.5	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

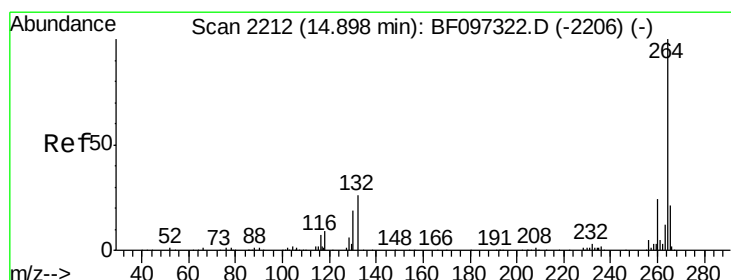
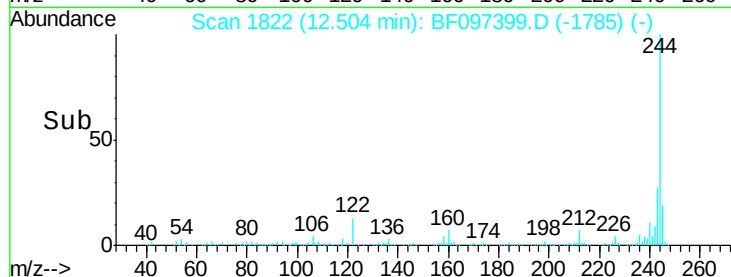
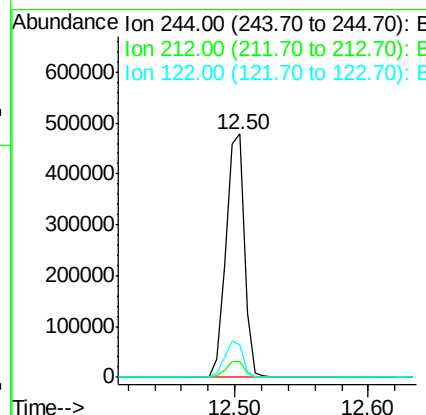
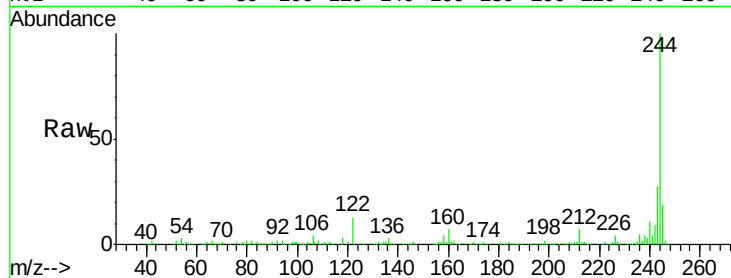




#78
 Terphenyl-d14
 Concen: 43.39 ng
 RT: 12.50 min Scan# 1822
 Delta R.T. -0.08 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

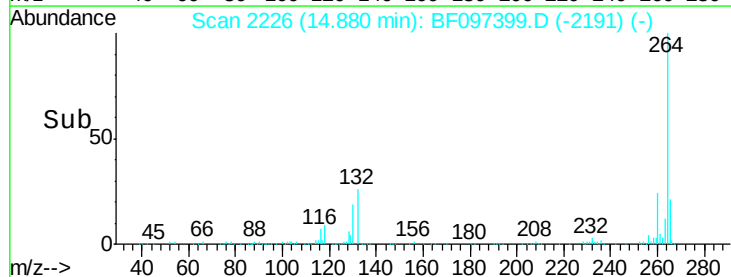
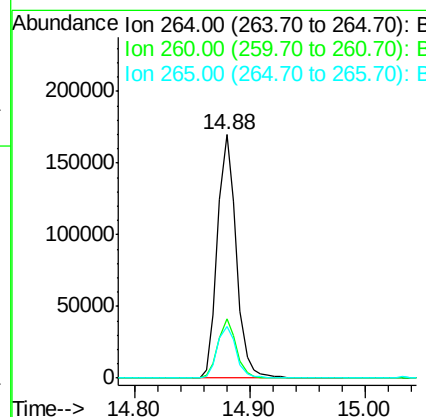
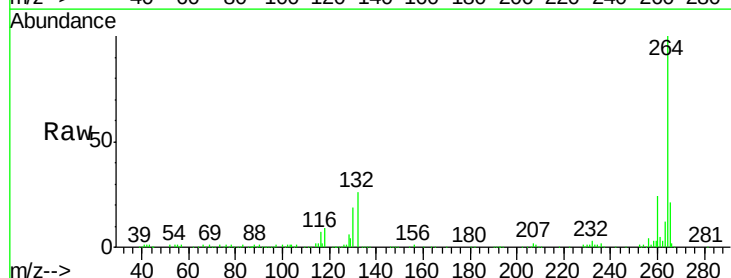
Instrument :
 BNA_F
 ClientSampleId :

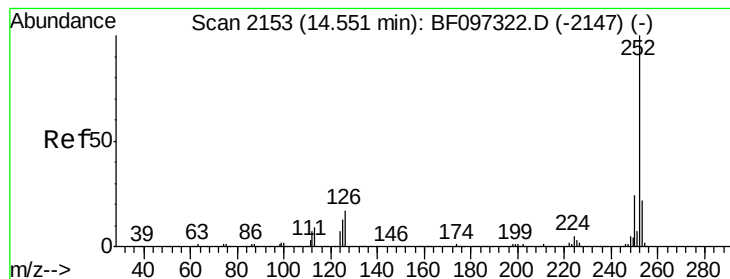
Tot Ion:244 Resp: 470119
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097399.D
 Acq: 5 Aug 2017 16:09

Tgt Ion:264 Resp: 192041
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.04 ng

RT: 14.54 min Scan# 2168

Delta R.T. -0.08 min

Lab File: BF097399.D

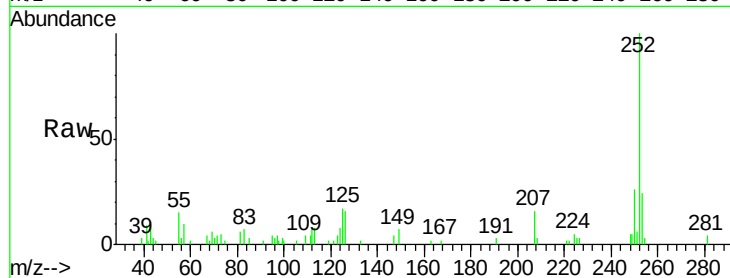
Acq: 5 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

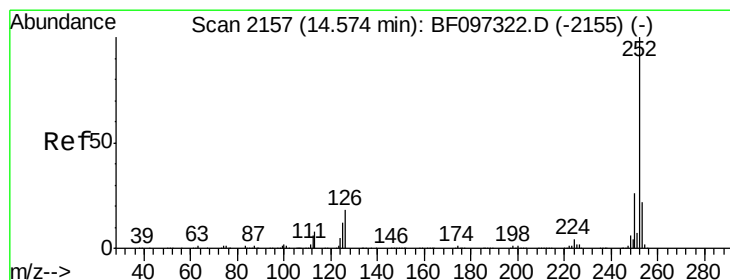
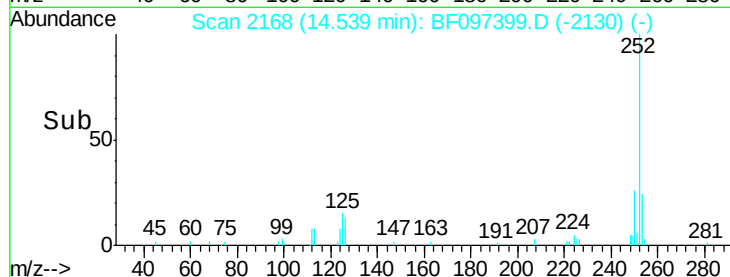
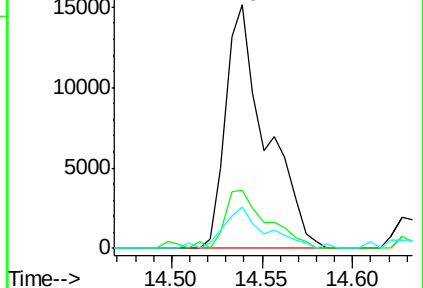
Tot Ion:252	Resp:	23504
Ion Ratio	Lower	Upper
252	100	
253	23.9	18.1 27.1
125	16.8	9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.14 ng

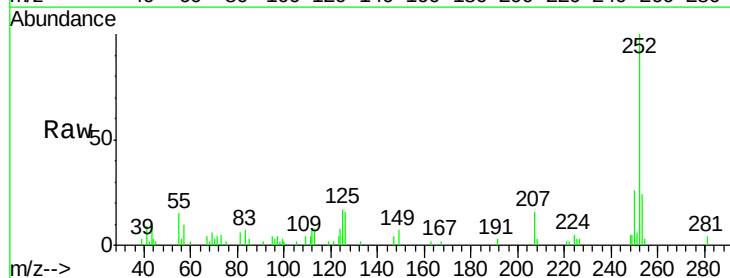
RT: 14.54 min Scan# 2168

Delta R.T. -0.11 min

Lab File: BF097399.D

Acq: 5 Aug 2017 16:09

Tgt Ion:252	Resp:	23504
Ion Ratio	Lower	Upper
252	100	
253	23.9	18.4 27.6
125	16.8	13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

