

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097007.D
 Acq On : 25 Jul 2017 1:27
 Operator : SJ/JU
 Sample : I4360-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 03:34:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

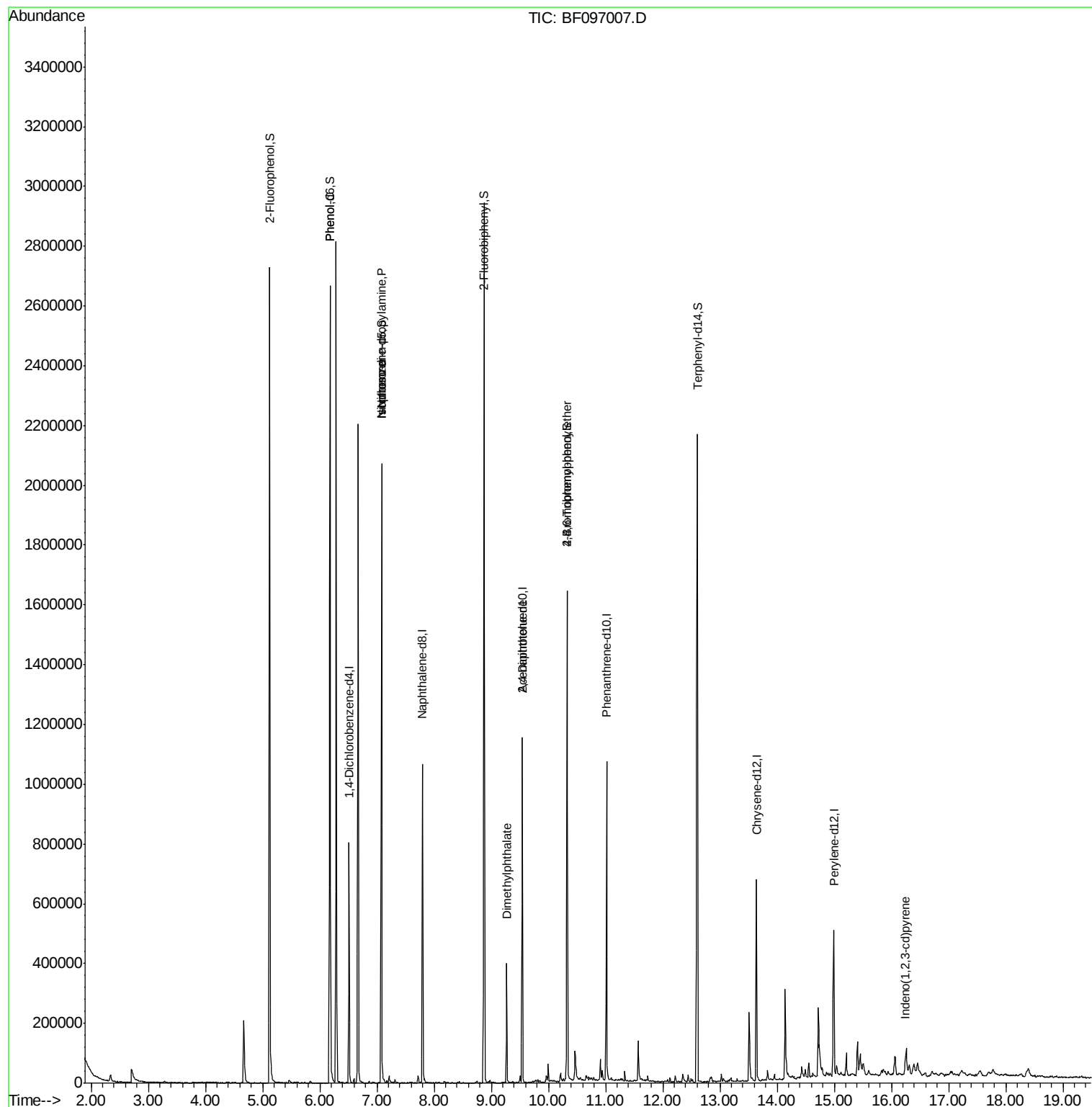
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	120029	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	509108	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	216882	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	363379	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	239685	20.00	ng	-0.04
86) Perylene-d12	14.99	264	196200	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	787811	98.69	ng	-0.03
7) Phenol-d6	6.18	99	962025	100.42	ng	-0.04
23) Nitrobenzene-d5	7.08	82	643964	78.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	185801	100.36	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	951464	69.31	ng	-0.04
78) Terphenyl-d14	12.60	244	743383	53.79	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	36728	3.39	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.08	70	87075	15.09	ng	# 89
25) Isophorone	7.08	82	642779	42.04	ng	# 67
49) Dimethylphthalate	9.27	163	154262	9.45	ng	100
56) 2,4-Dinitrotoluene	9.54	165	27432	6.04	ng	# 32
66) 4-Bromophenyl-phenylether	10.33	248	12523	3.38	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.23	276	1600	3.44	ng	# 74

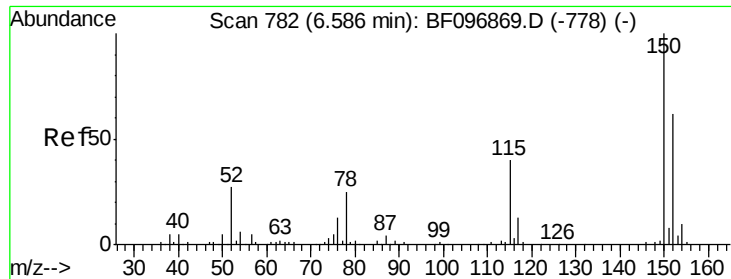
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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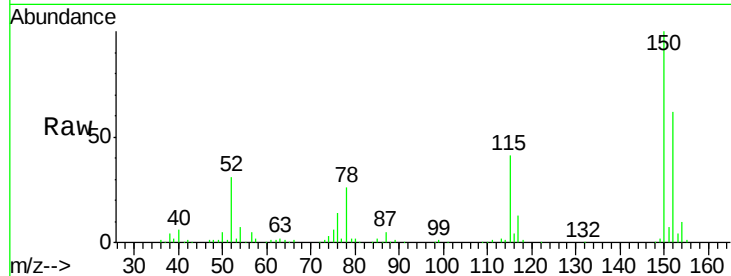


#1

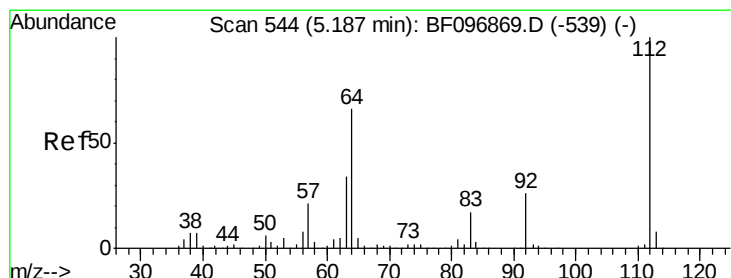
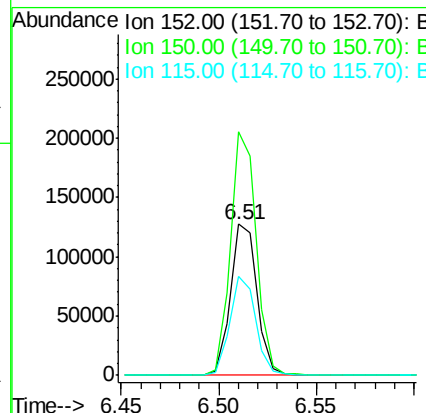
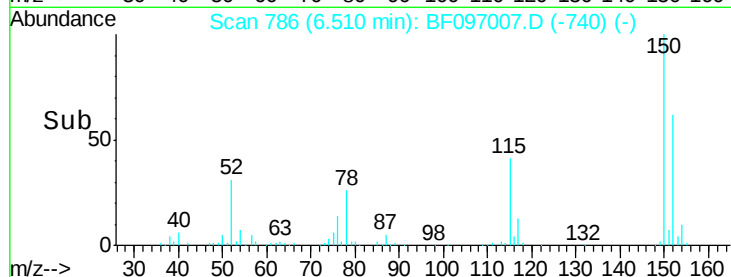
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120029
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 65.6 52.2 78.2



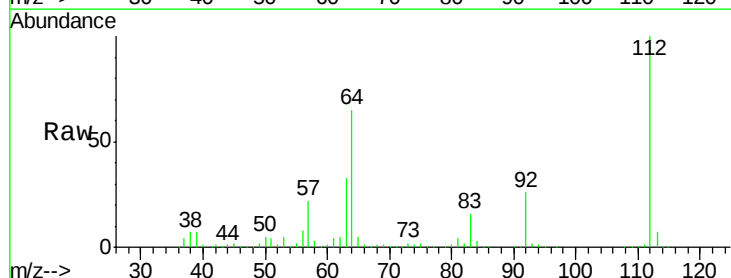
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



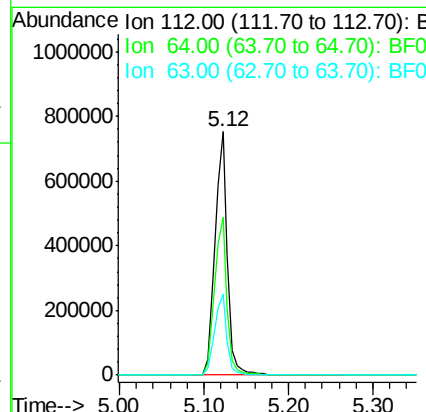
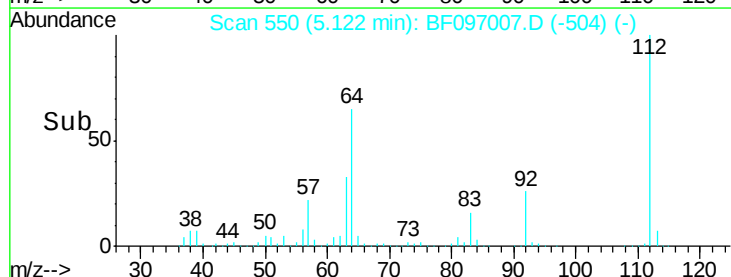
#5

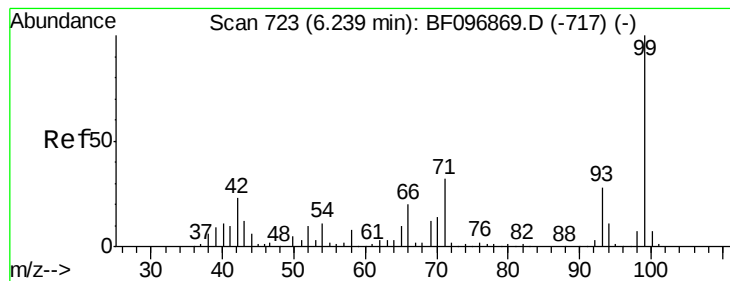
2-Fluorophenol
Concen: 98.69 ng
RT: 5.12 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Tgt Ion:112 Resp: 787811
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 33.4 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: 100.42 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

Instrument :

BNA_F

ClientSampleId :

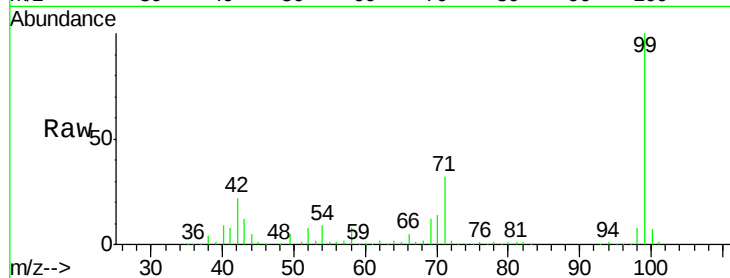
Tot Ion: 99 Resp: 962025

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

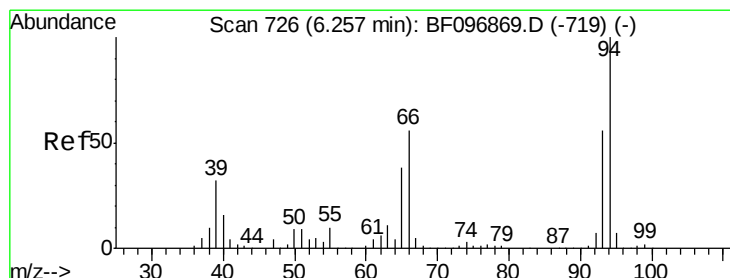
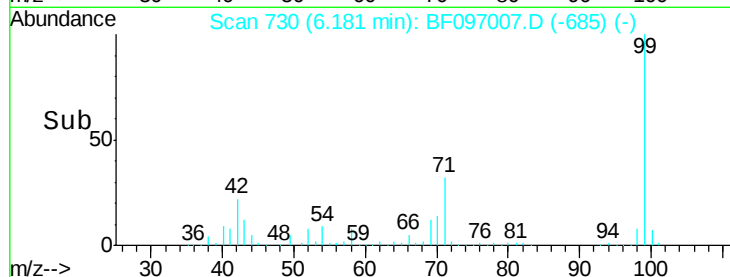
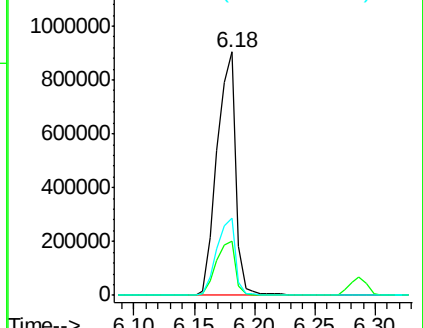
71 31.9 24.5 36.7



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: 3.39 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

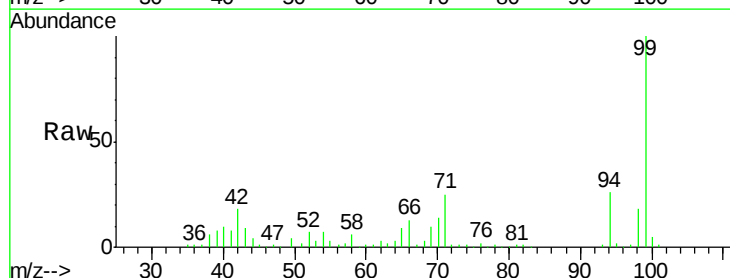
Tgt Ion: 94 Resp: 36728

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

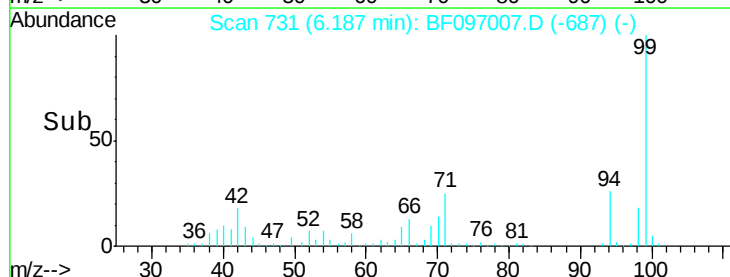
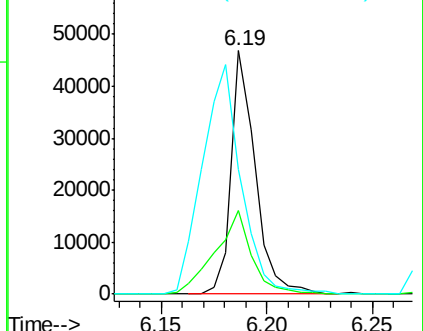
66 51.4 23.1 63.1

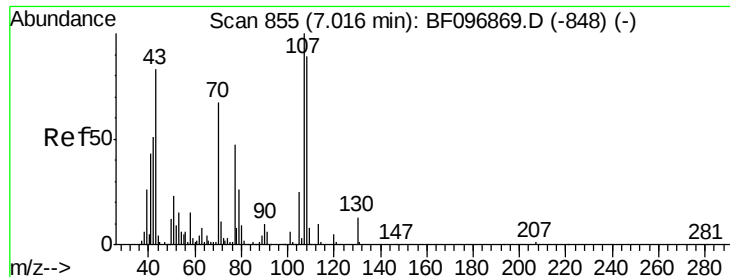


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

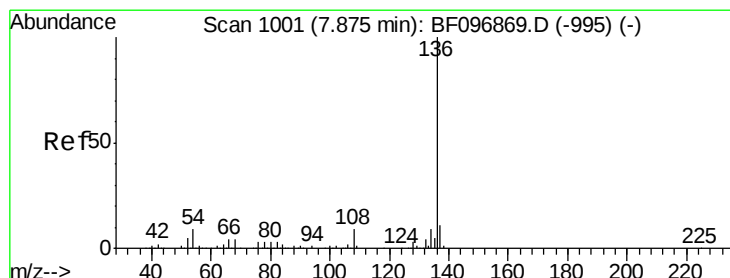
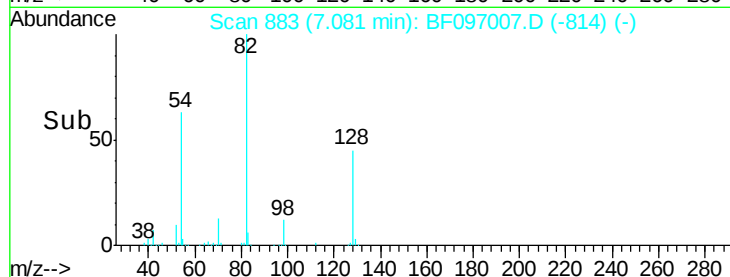
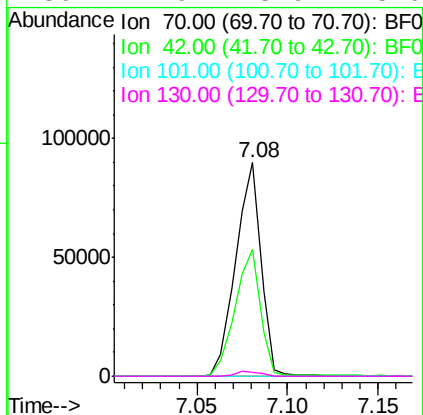
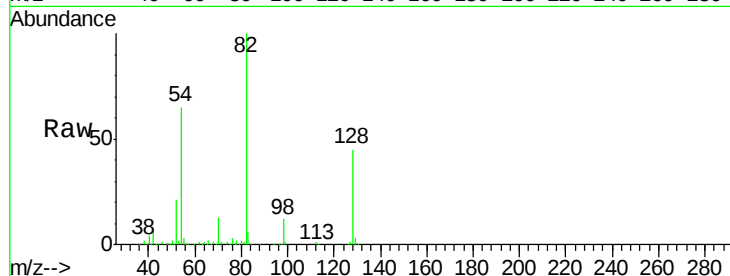




#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

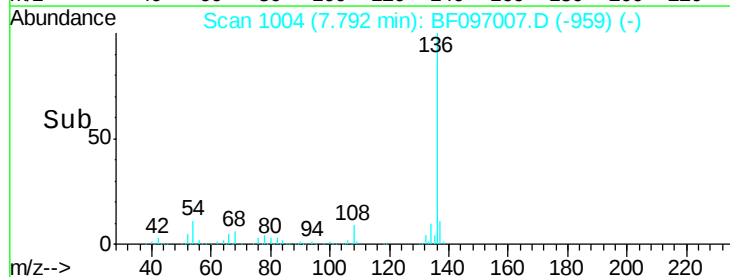
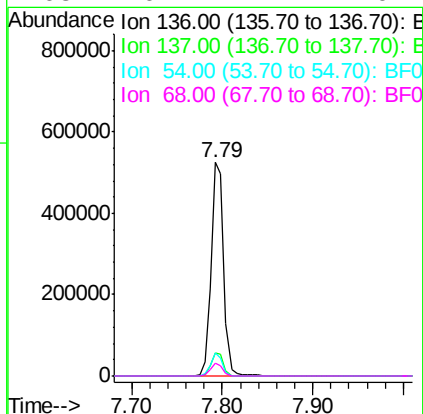
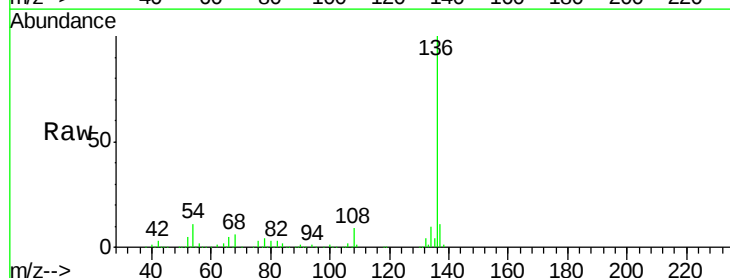
Instrument :
BNA_F
ClientSampleId :

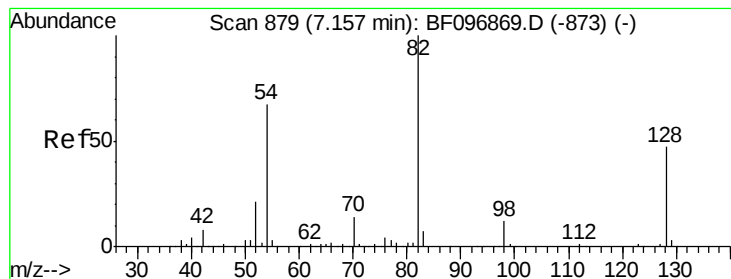
Tot Ion: 70 Resp: 87075
Ion Ratio Lower Upper
70 100
42 59.0 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Tgt Ion:136 Resp: 509108
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.0 4.9 7.3#
68 6.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.35 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

Instrument :

BNA_F

ClientSampled :

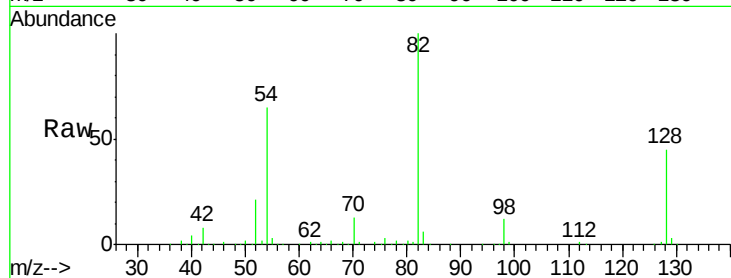
Tot Ion: 82 Resp: 643964

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

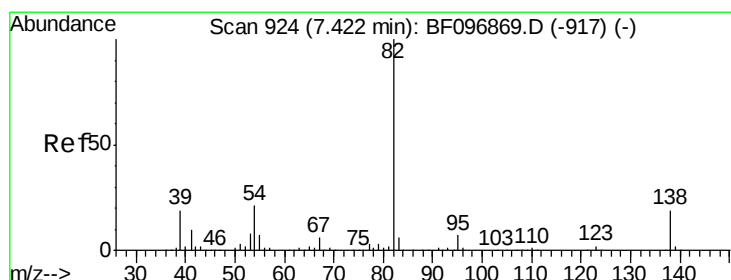
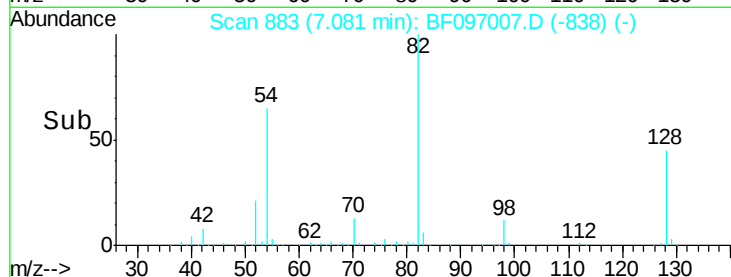
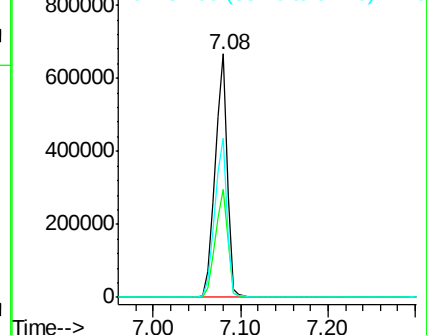
54 65.4 42.2 63.2#



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: 42.04 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.29 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

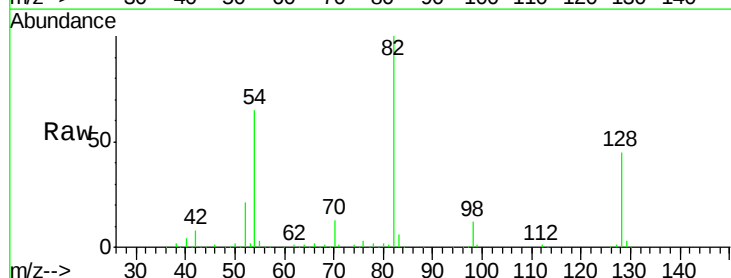
Tgt Ion: 82 Resp: 642779

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

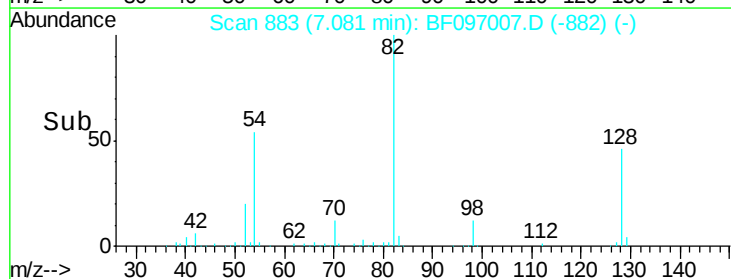
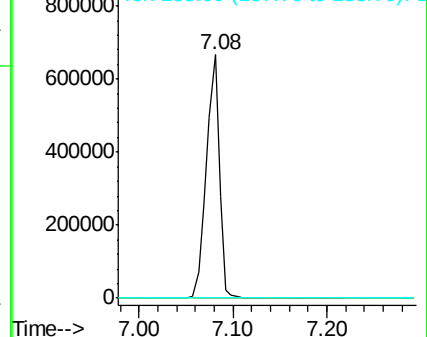
138 0.0 13.1 19.7#

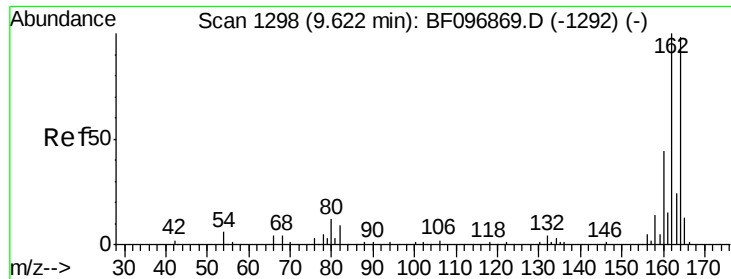


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

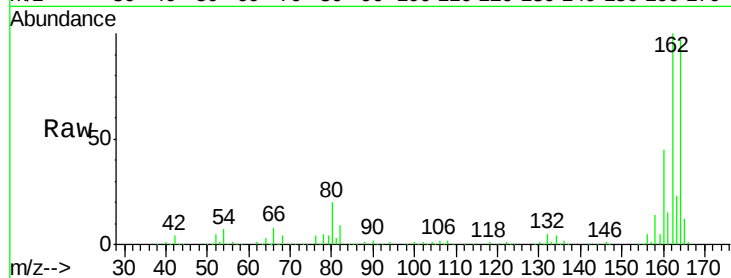




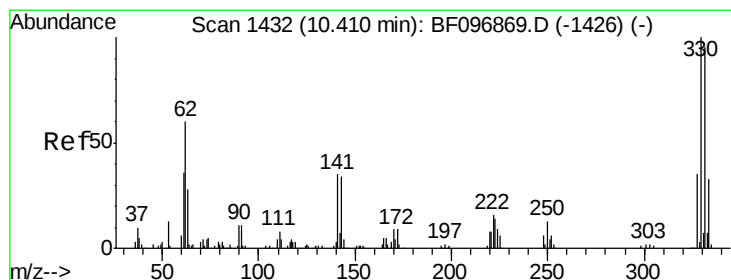
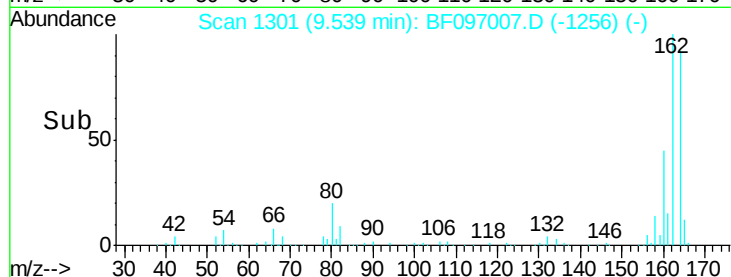
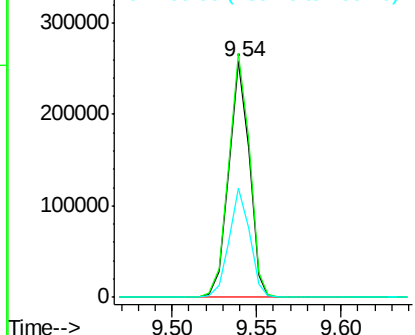
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 216882
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 46.4 36.2 54.2

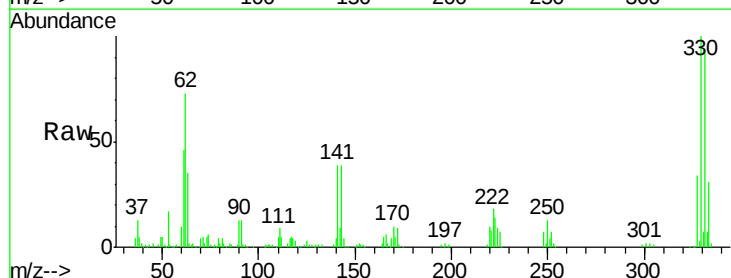


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

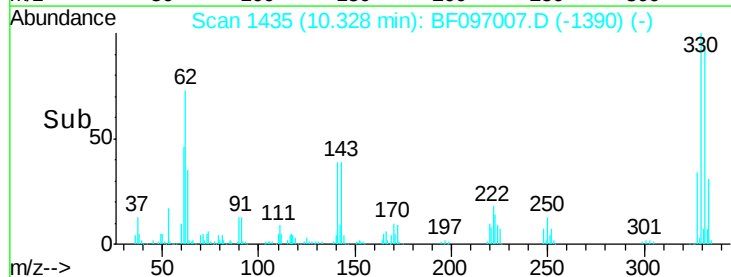
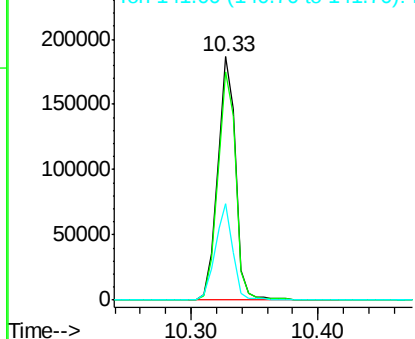


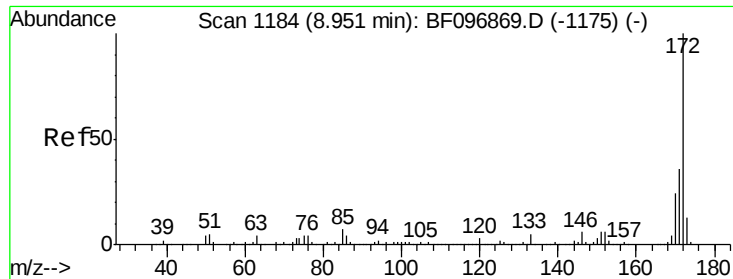
#41
 2,4,6-Tribromophenol
 Concen: 100.36 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Tgt Ion:330 Resp: 185801
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.0 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

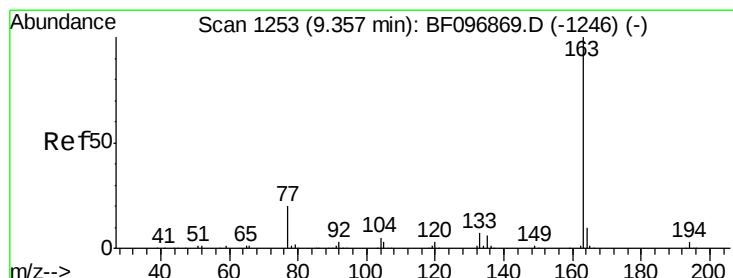
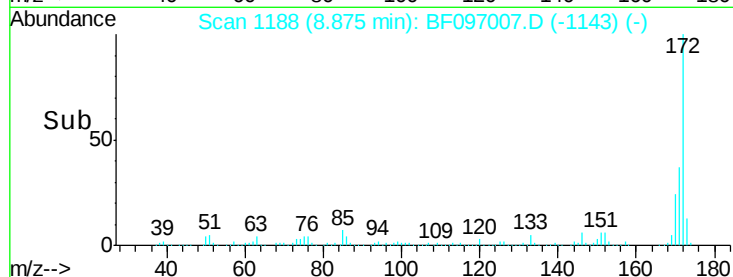
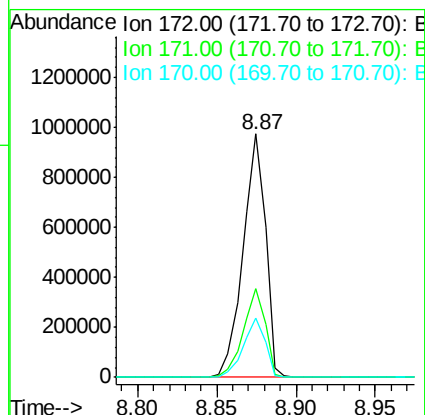
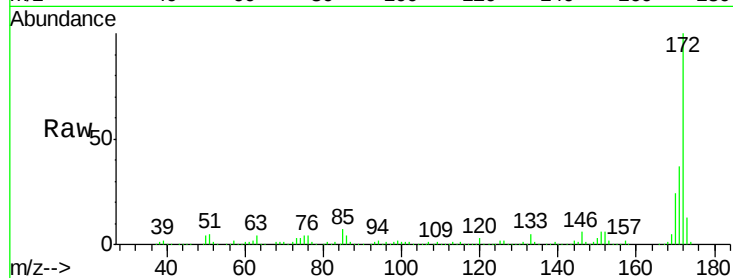




#44
2-Fluorobiphenyl
Concen: 69.31 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

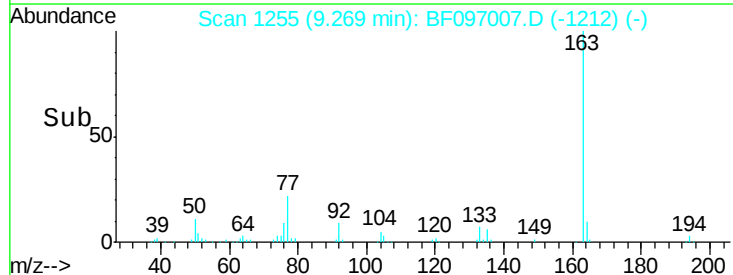
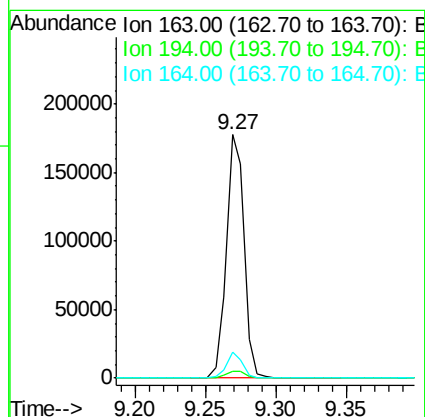
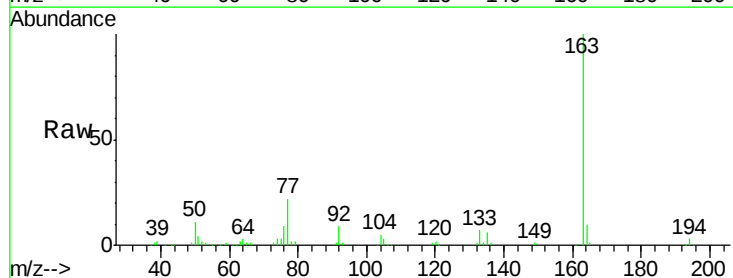
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 951464
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Tgt Ion:163 Resp: 154262
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.5 8.4 12.6

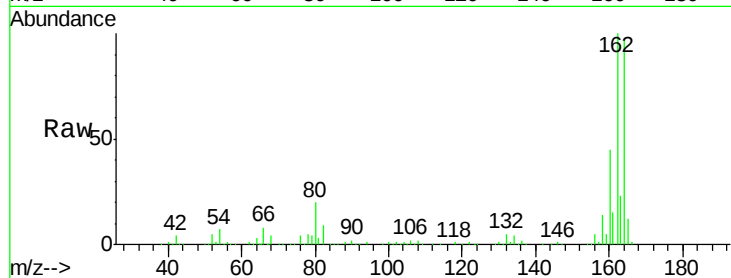




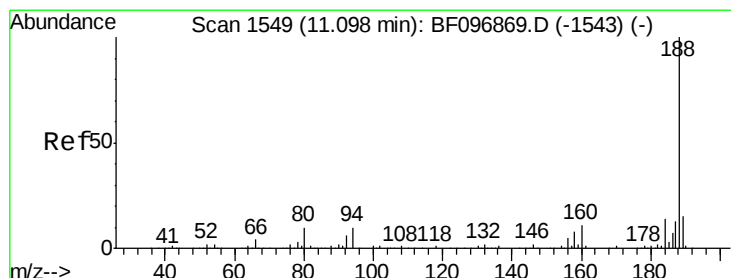
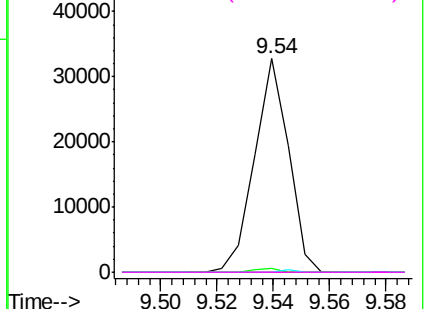
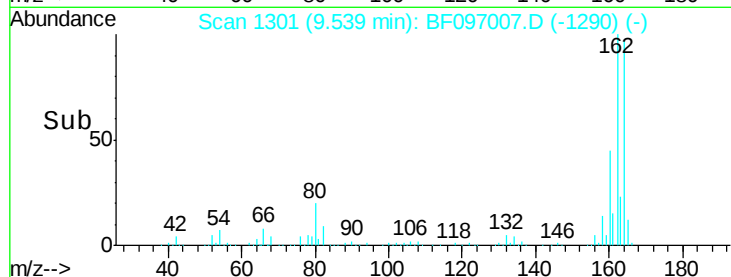
#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 27432
 Ion Ratio Lower Upper
 165 100
 63 1.9 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

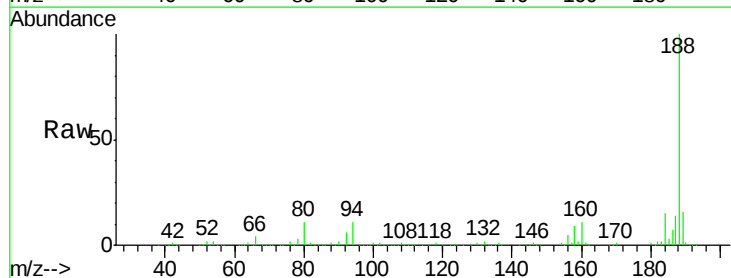


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

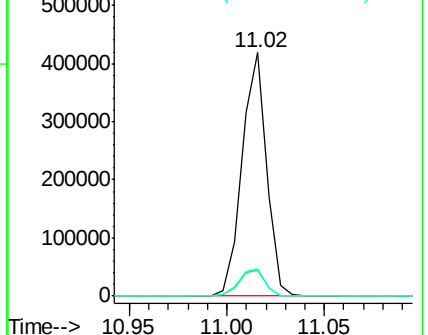
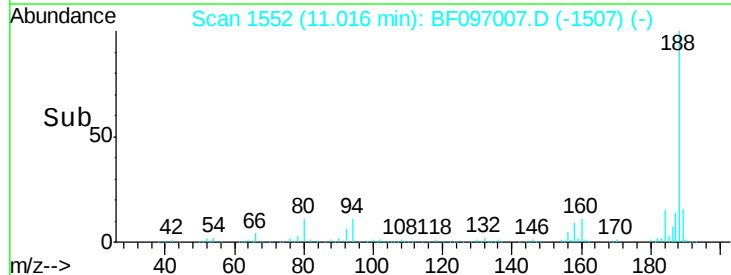


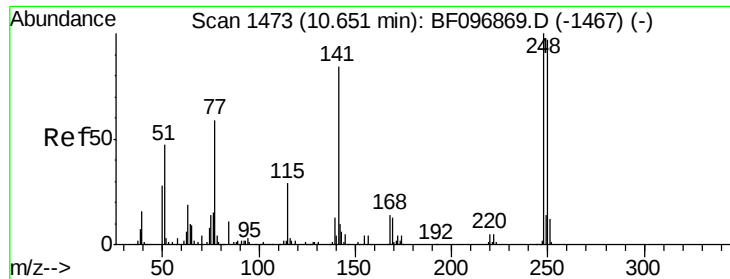
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Tgt Ion:188 Resp: 363379
 Ion Ratio Lower Upper
 188 100
 94 10.9 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

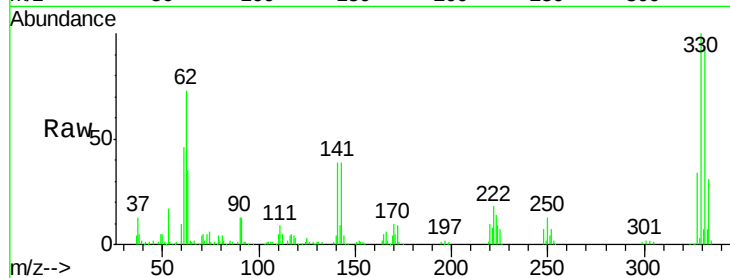




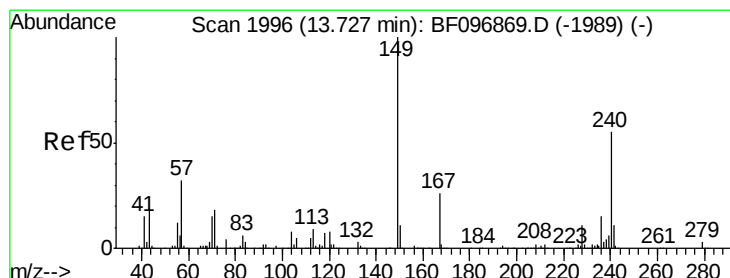
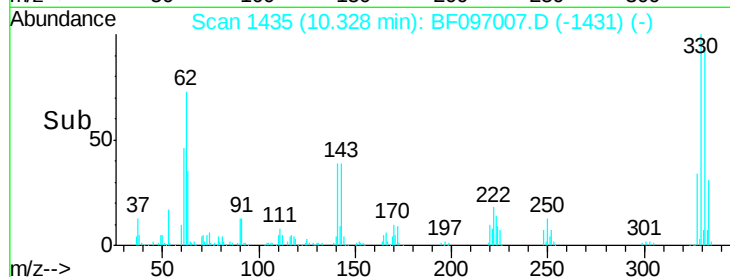
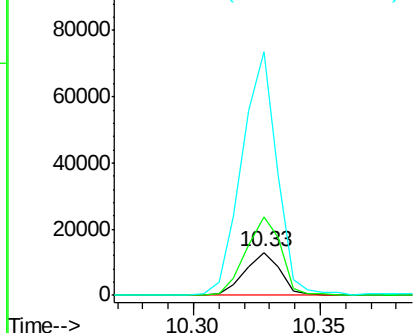
#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.28 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12523
Ion Ratio Lower Upper
248 100
250 182.1 76.8 115.2#
141 567.3 68.6 103.0#

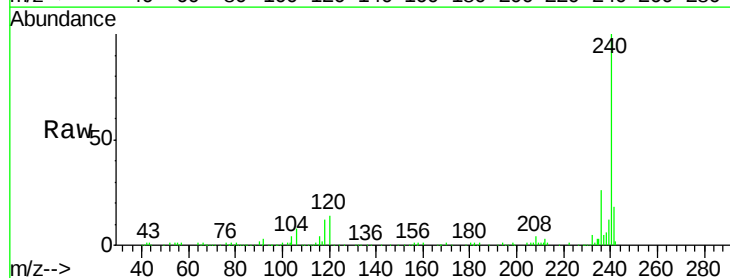


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

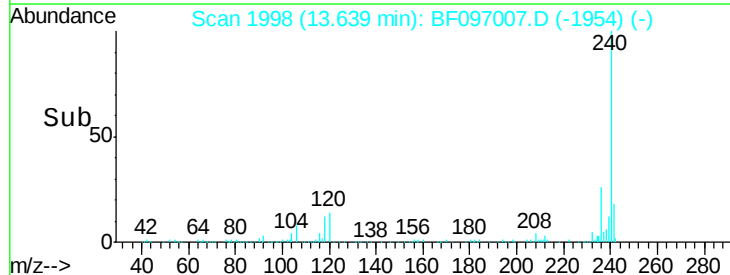
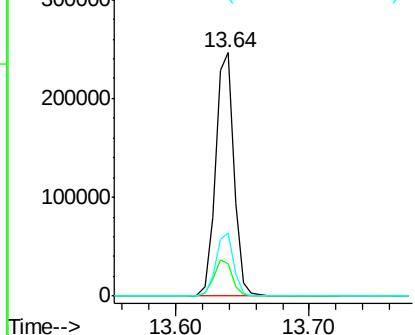


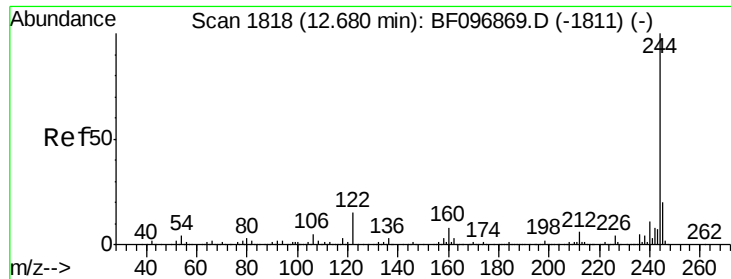
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Tgt Ion:240 Resp: 239685
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.8 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

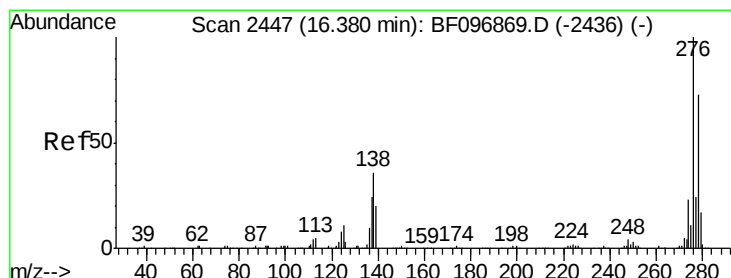
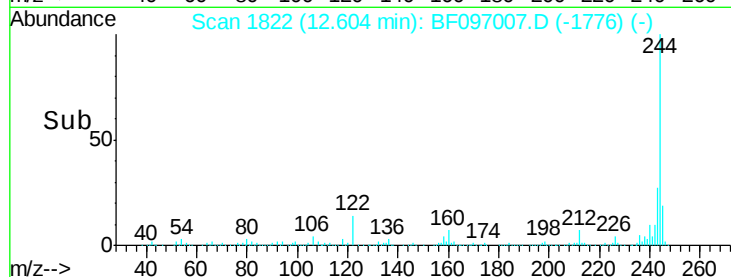
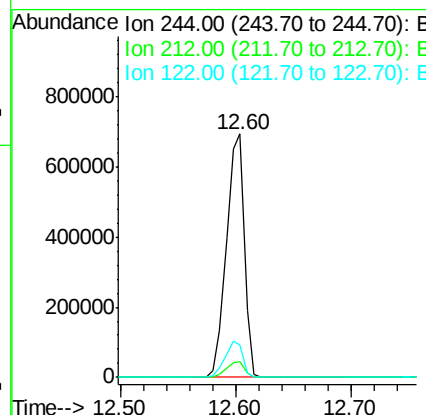
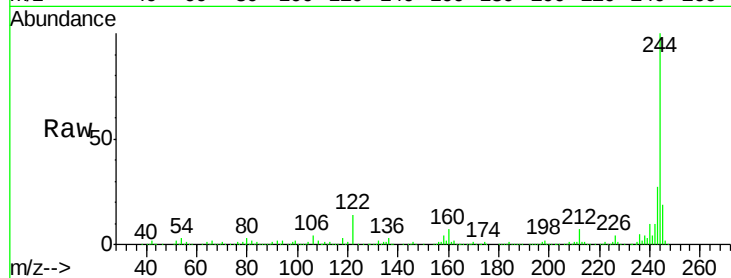




#78
 Terphenyl-d14
 Concen: 53.79 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

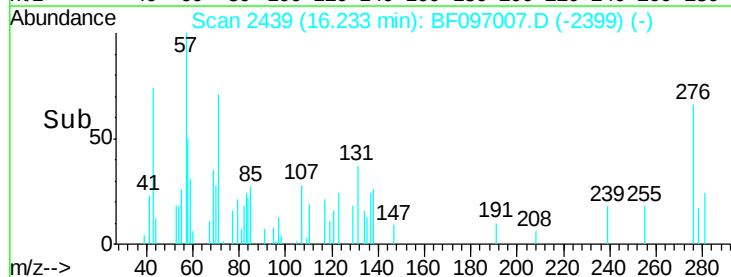
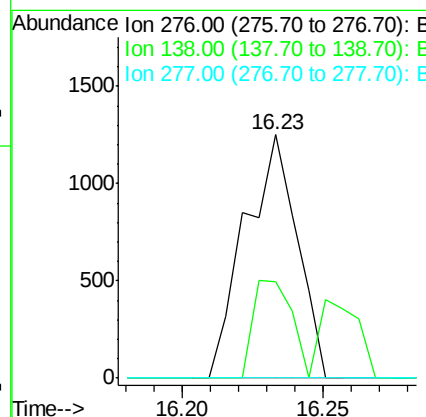
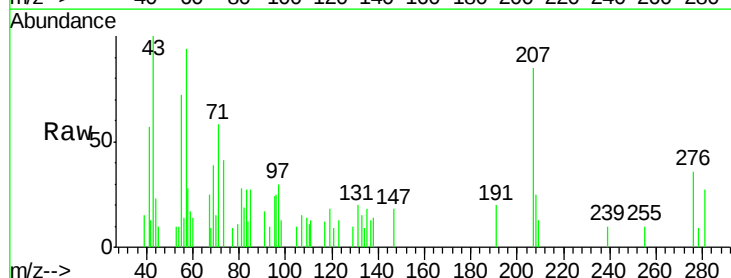
Instrument :
 BNA_F
 ClientSampleId :

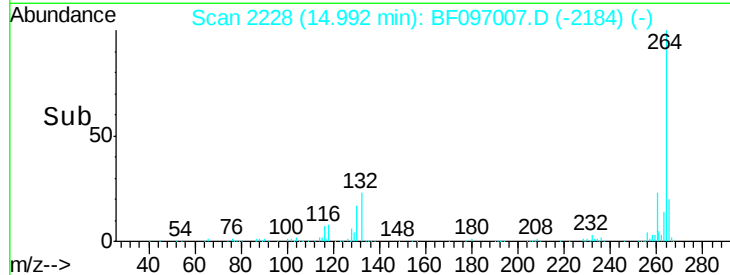
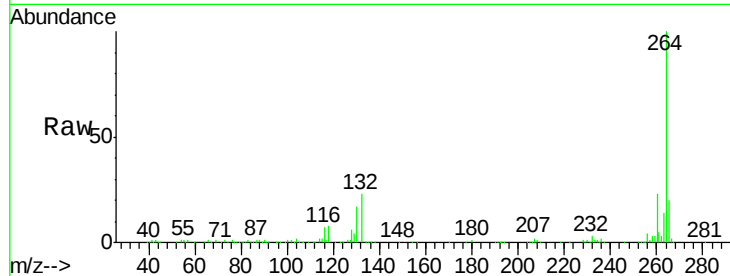
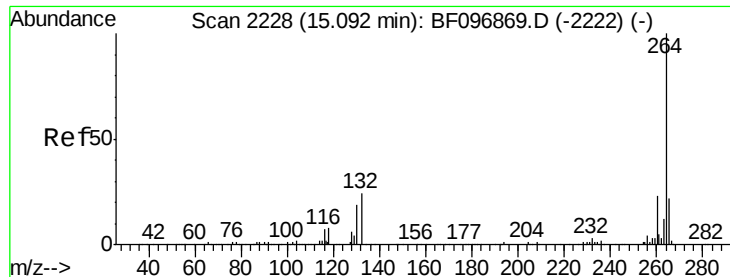
Tot Ion:244 Resp: 743383
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.5 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.44 ng
 RT: 16.23 min Scan# 2439
 Delta R.T. -0.06 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Tgt Ion:276 Resp: 1600
 Ion Ratio Lower Upper
 276 100
 138 29.6 27.8 41.6
 277 0.0 20.2 30.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	196200
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.5	29.3
265	19.9	17.2	25.8

