

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097011.D
 Acq On : 25 Jul 2017 3:17
 Operator : SJ/JU
 Sample : I4360-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 03:58:37 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

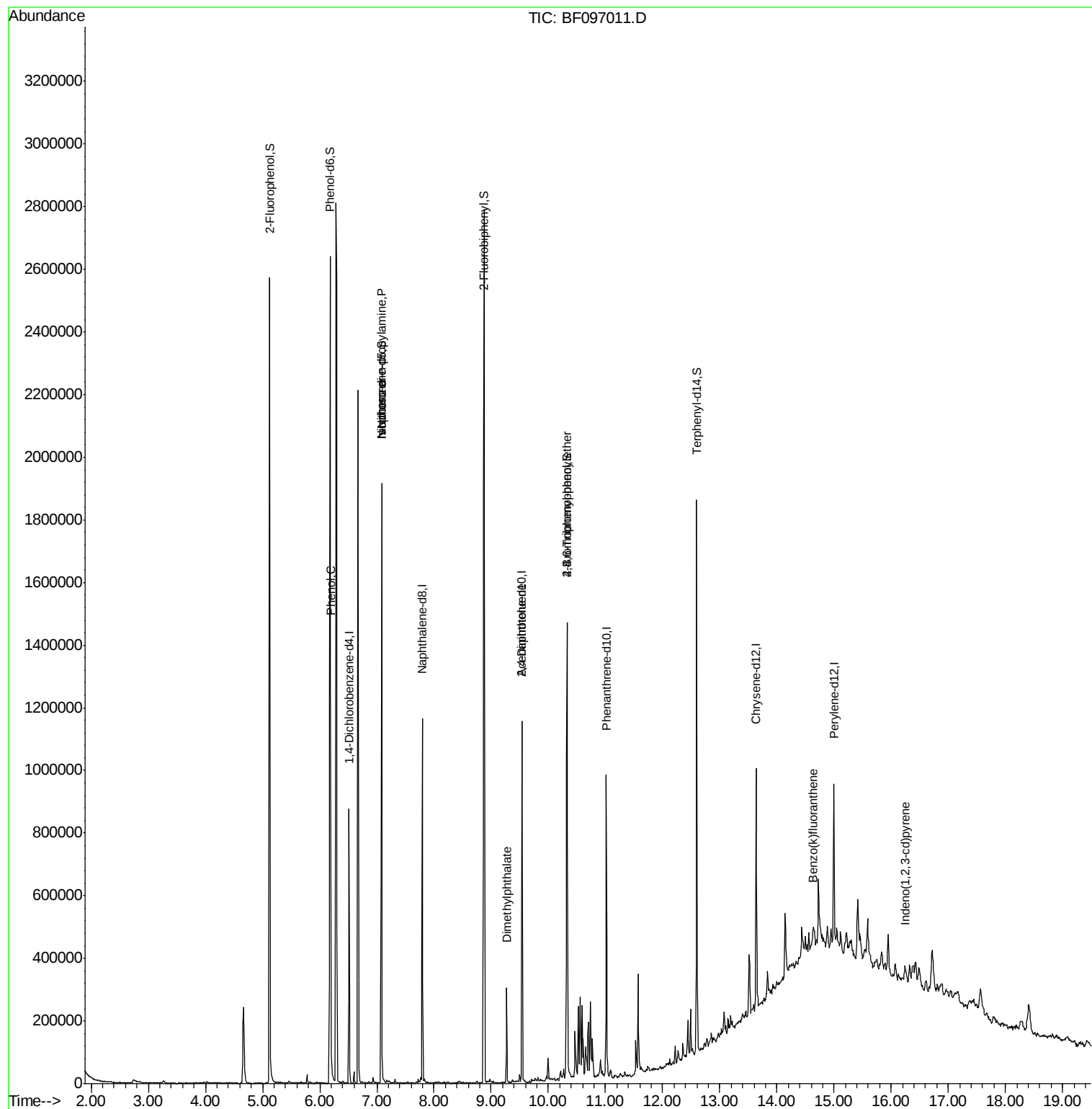
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	135961	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	542648	20.00	ng	-0.03
38) Acenaphthene-d10	9.54	164	219006	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	321784	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	246252	20.00	ng	-0.04
86) Perylene-d12	15.00	264	220664	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	760149	84.06	ng	-0.03
7) Phenol-d6	6.18	99	981456	90.45	ng	-0.04
23) Nitrobenzene-d5	7.08	82	589892	67.33	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	154710	82.76	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	904370	65.24	ng	-0.04
78) Terphenyl-d14	12.60	244	542376	38.20	ng	-0.04
Target Compounds						
10) Phenol	6.19	94	32830	2.68	ng	Qvalue 100
19) n-Nitroso-di-n-propylamine	7.08	70	77740	11.89	ng	# 87
25) Isophorone	7.08	82	586190	35.97	ng	# 67
49) Dimethylphthalate	9.27	163	118869	7.21	ng	99
56) 2,4-Dinitrotoluene	9.54	165	27683	6.03	ng	# 31
66) 4-Bromophenyl-phenylether	10.33	248	9798	2.98	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.23	276	8252	3.90	ng	# 84
88) Benzo(k)fluoranthene	14.63	252	26271	2.08	ng	# 66

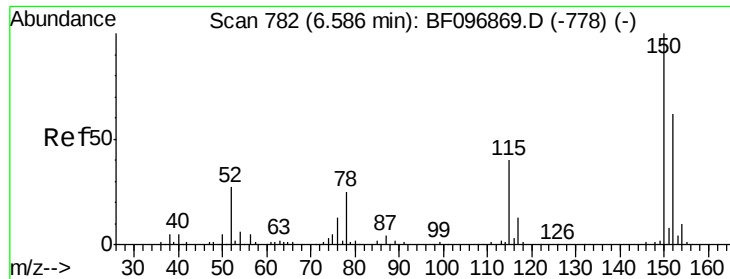
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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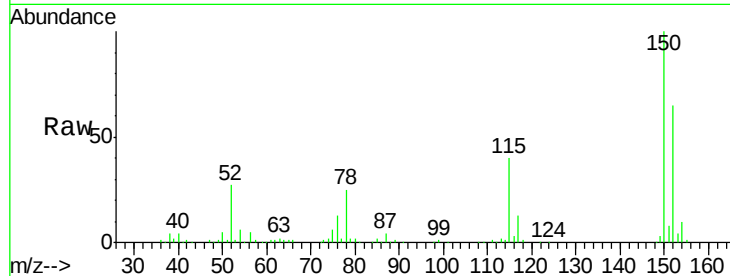


#1

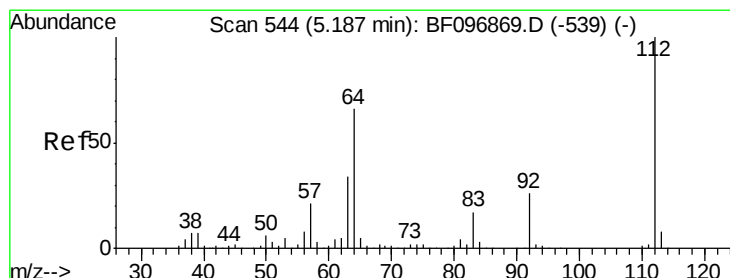
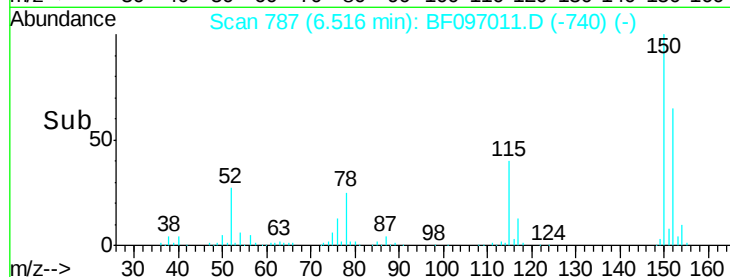
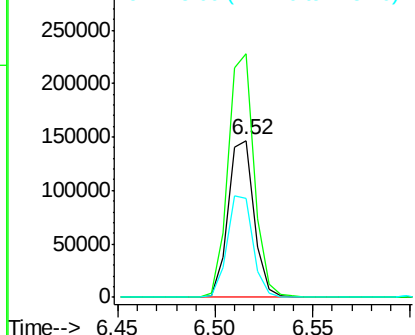
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	62.8	52.2	78.2



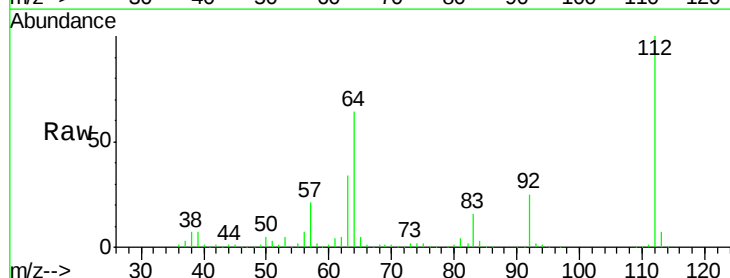
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



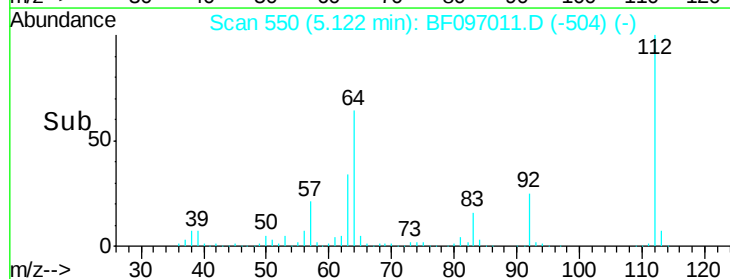
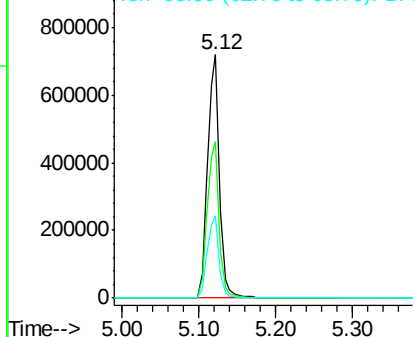
#5

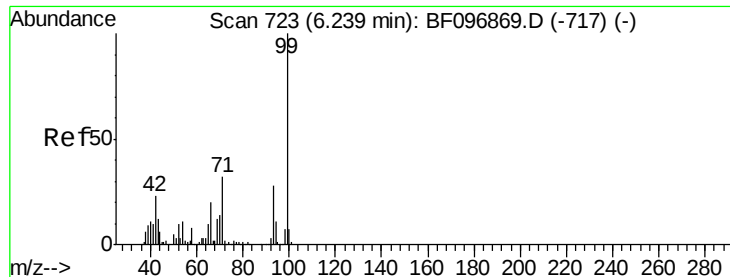
2-Fluorophenol
Concen: 84.06 ng
RT: 5.12 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	33.6	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: 90.45 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

Instrument :

BNA_F

ClientSampled :

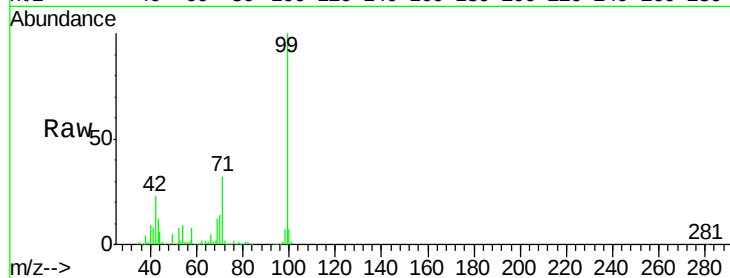
Tot Ion: 99 Resp: 981456

Ion Ratio Lower Upper

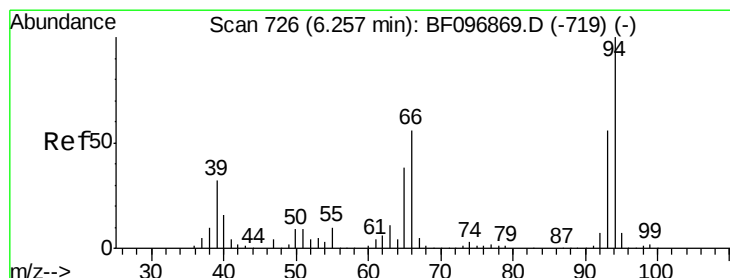
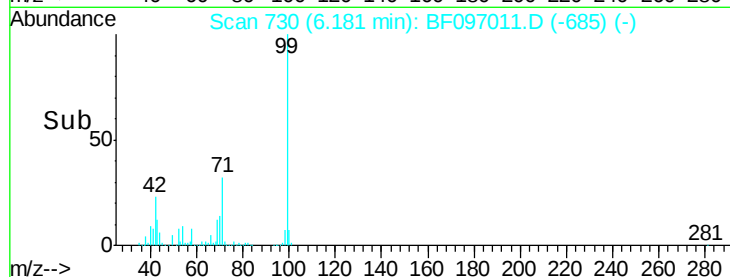
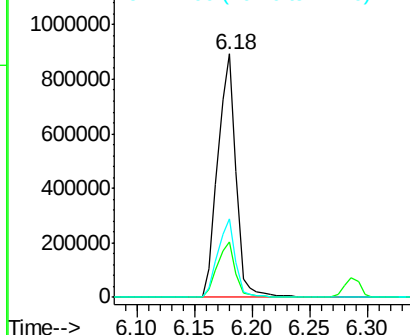
99 100

42 22.8 13.5 20.3#

71 32.2 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: 2.68 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

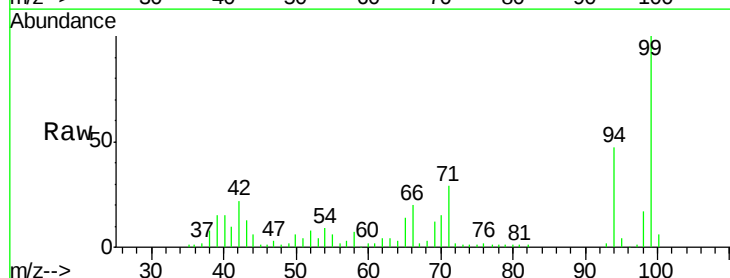
Tgt Ion: 94 Resp: 32830

Ion Ratio Lower Upper

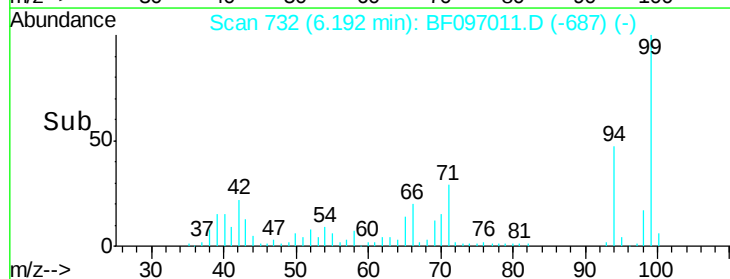
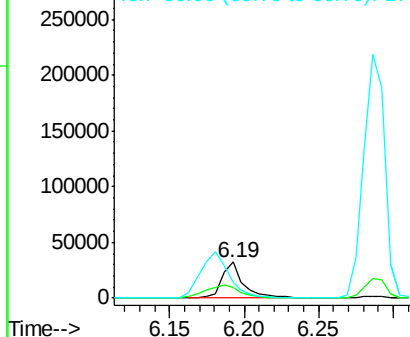
94 100

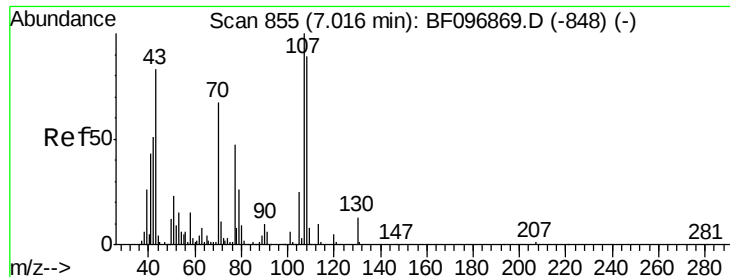
65 30.3 9.9 49.9

66 43.1 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

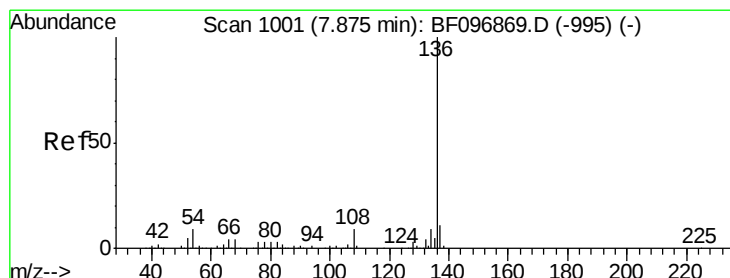
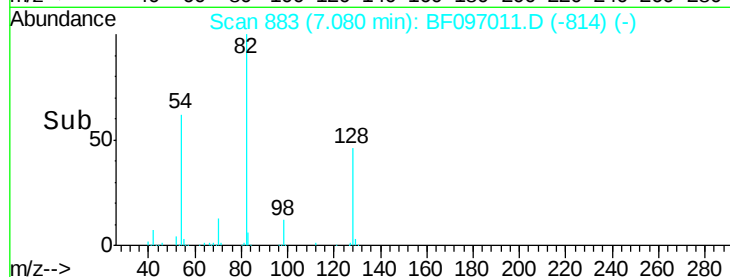
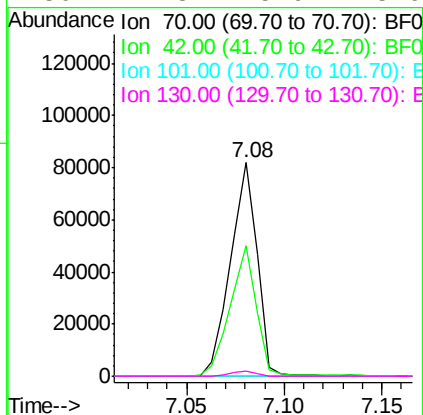
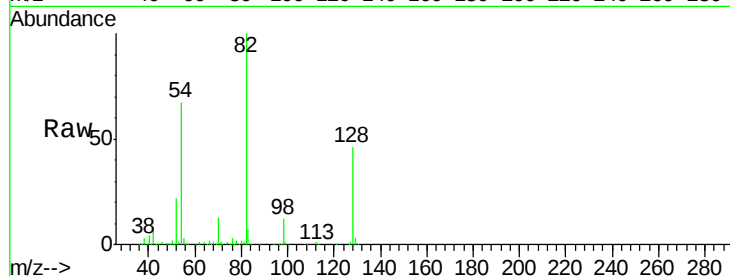




#19
n-Nitroso-di-n-propylamine
Concen: 11.89 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

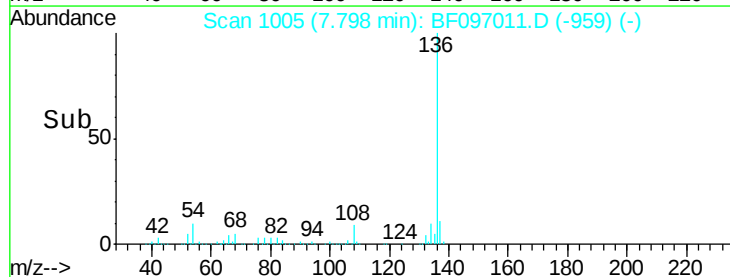
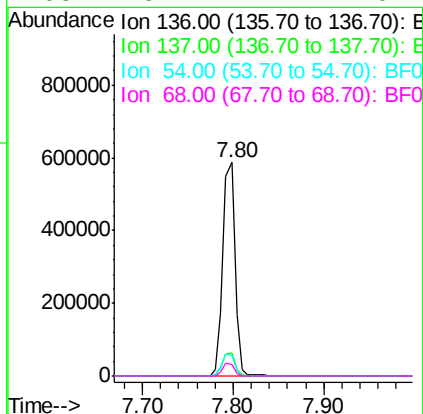
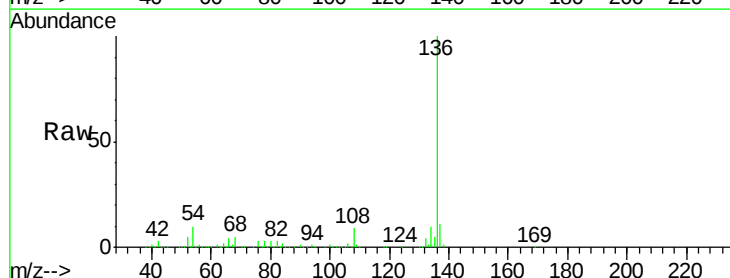
Instrument :
BNA_F
ClientSampleId :

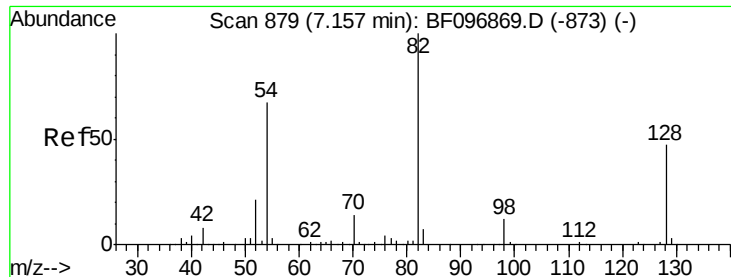
Tot Ion: 70 Resp: 77740
Ion Ratio Lower Upper
70 100
42 61.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Tgt Ion:136 Resp: 542648
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.9 4.9 7.3#
68 5.2 4.1 6.1

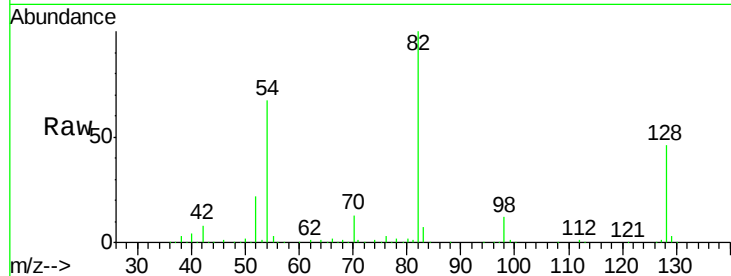




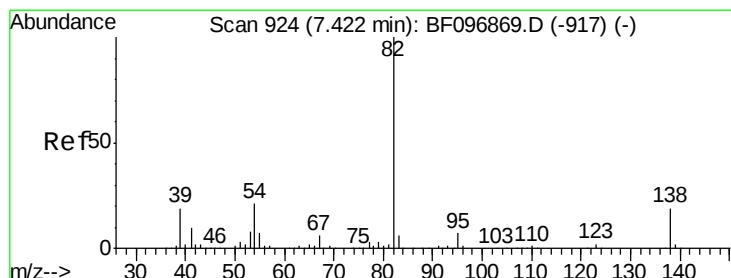
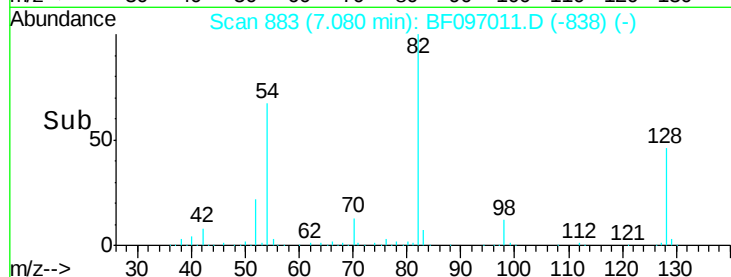
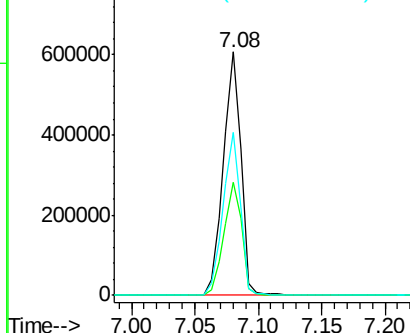
#23
 Nitrobenzene-d5
 Concen: 67.33 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 589892
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 66.9 42.2 63.2#

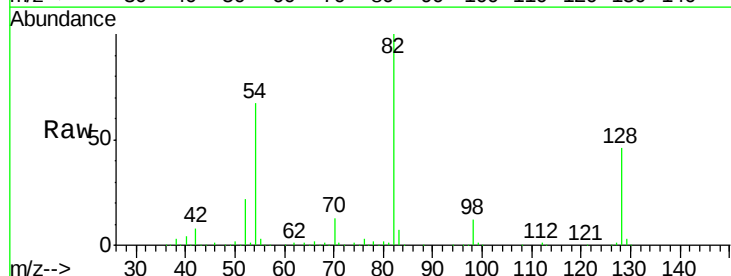


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

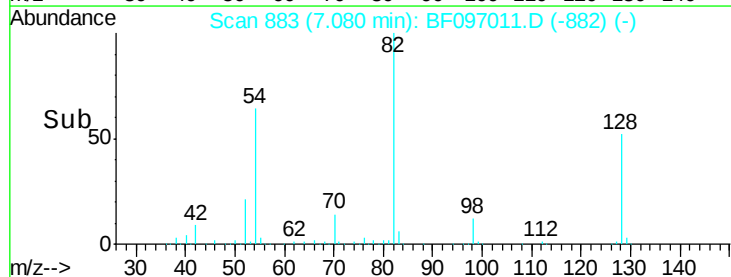
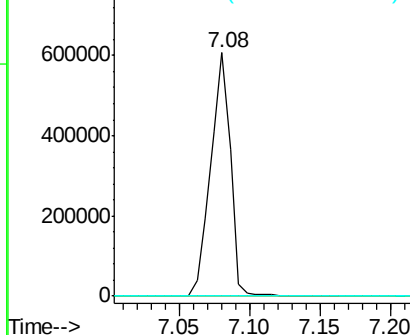


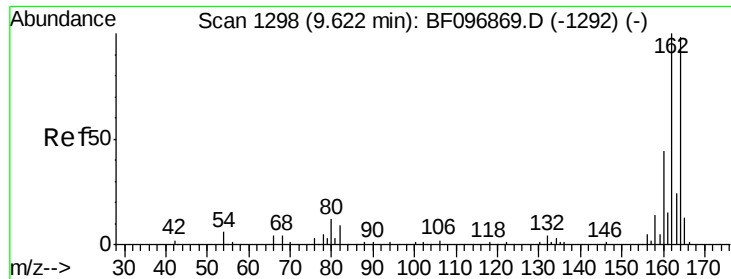
#25
 Isophorone
 Concen: 35.97 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.29 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Tgt Ion: 82 Resp: 586190
 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: BF097011.D

Acq: 25 Jul 2017 3:17

Instrument :

BNA_F

ClientSampleId :

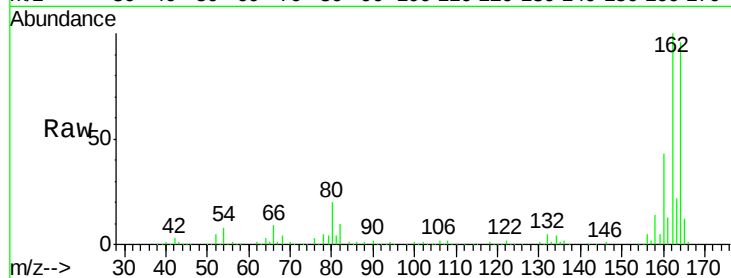
Tot Ion:164 Resp: 219006

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

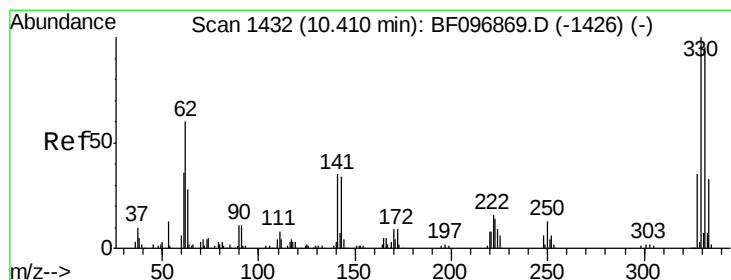
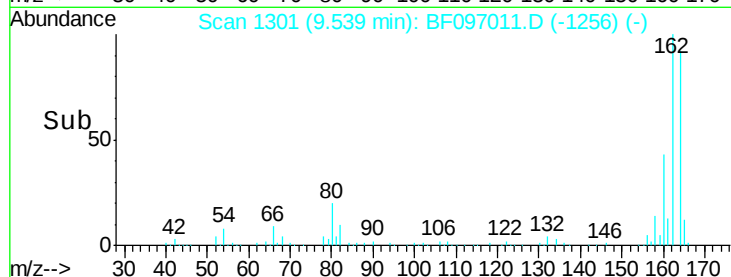
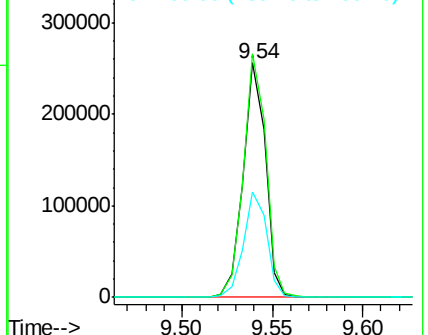
160 44.7 36.2 54.2



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: 82.76 ng

RT: 10.33 min Scan# 1435

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

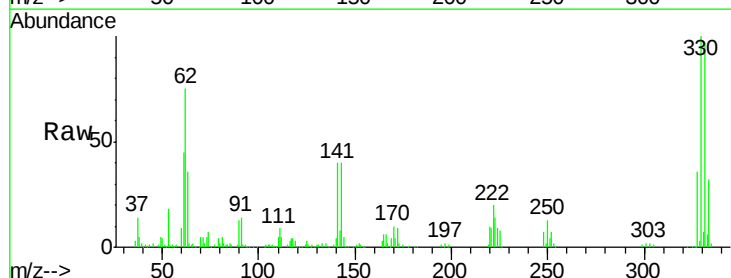
Tgt Ion:330 Resp: 154710

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

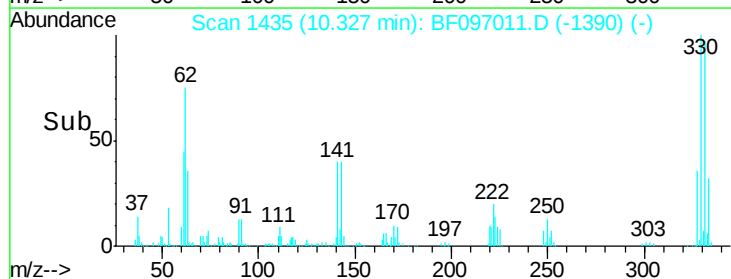
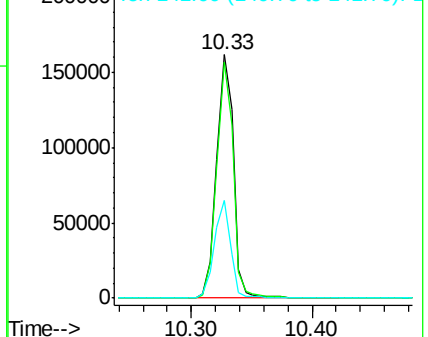
141 39.1 31.4 47.2

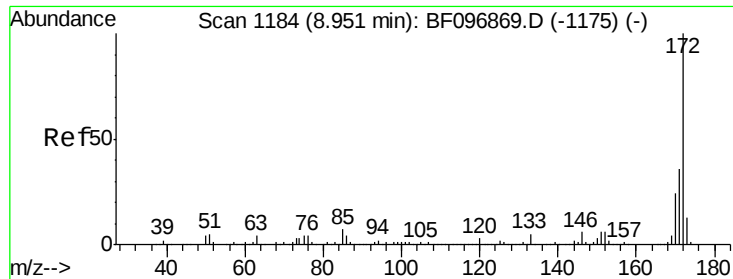


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

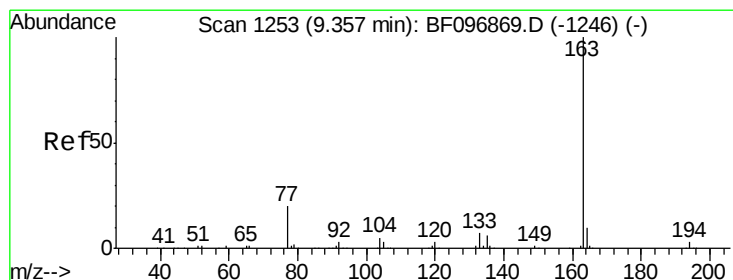
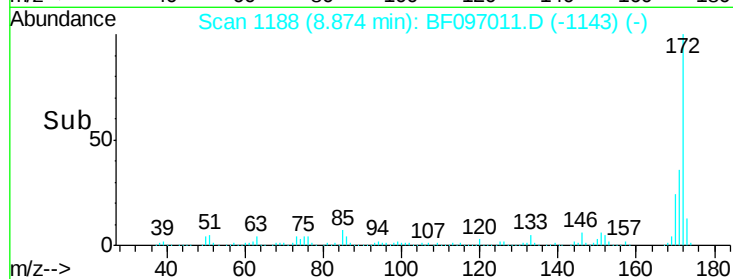
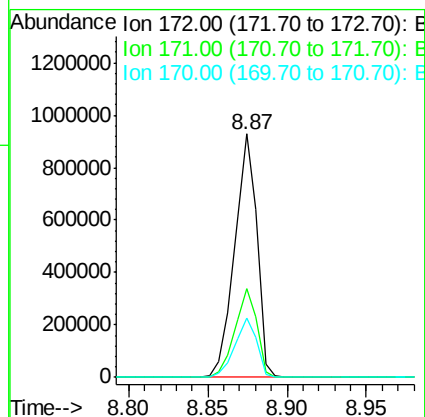
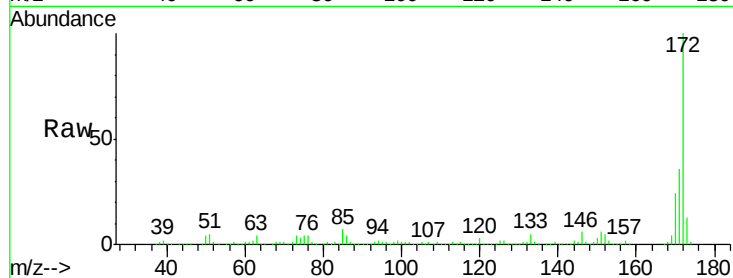




#44
 2-Fluorobiphenyl
 Concen: 65.24 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

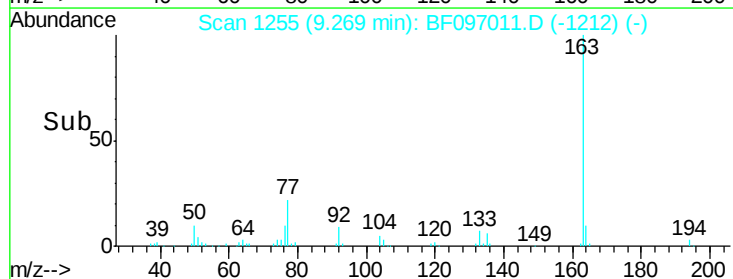
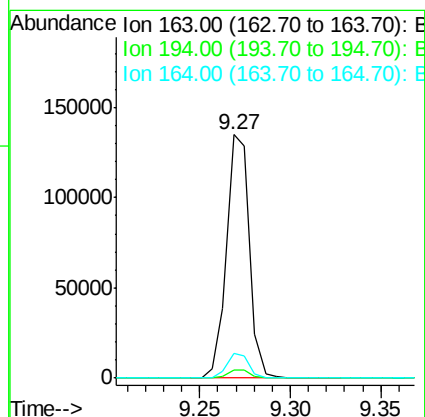
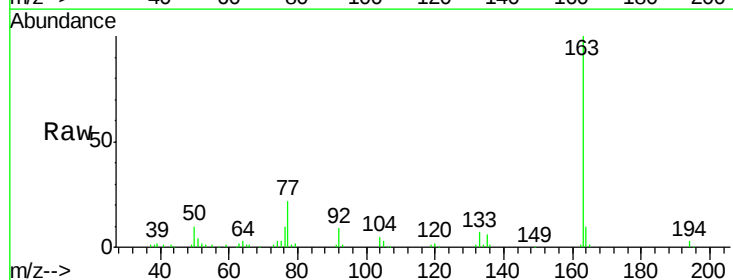
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 904370
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.21 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Tgt Ion:163 Resp: 118869
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.2 8.4 12.6

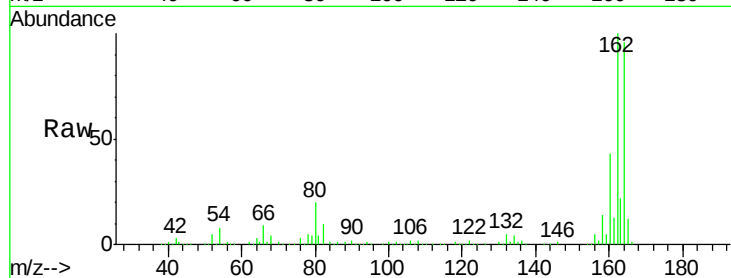




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

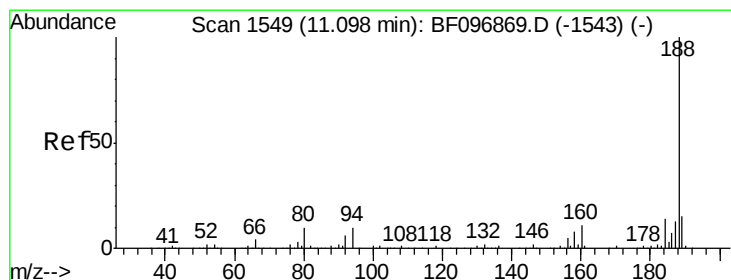
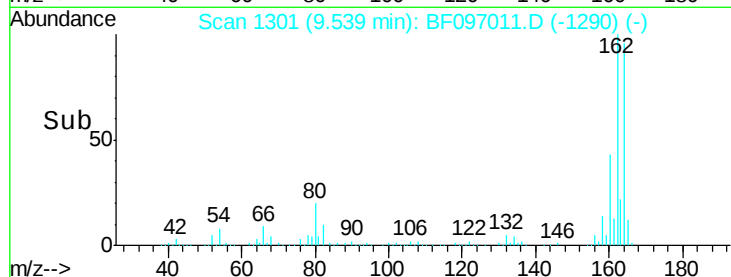
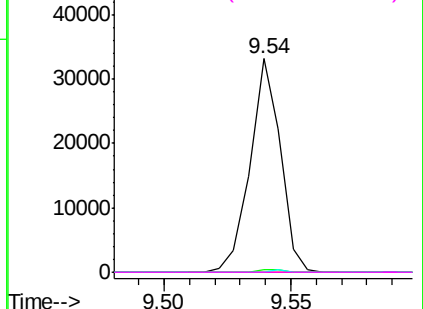


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

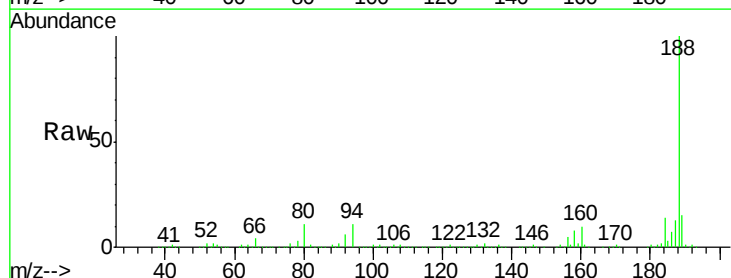
Ion 89.00 (88.70 to 89.70): BF0

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: BF097011.D
 Acq: 25 Jul 2017 3:17

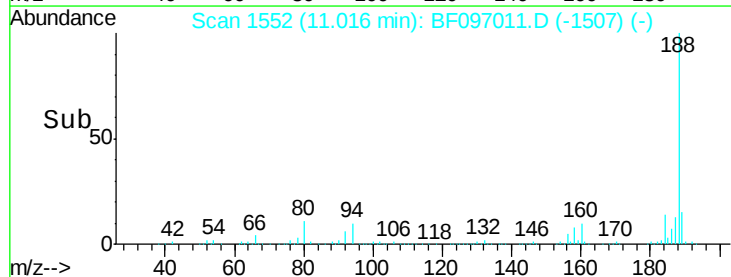
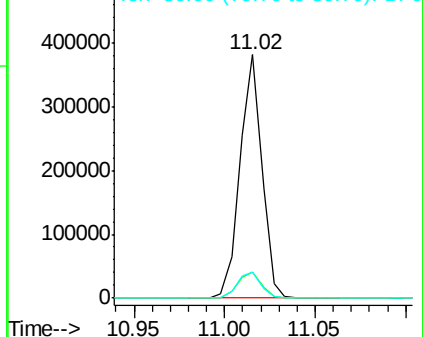
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2

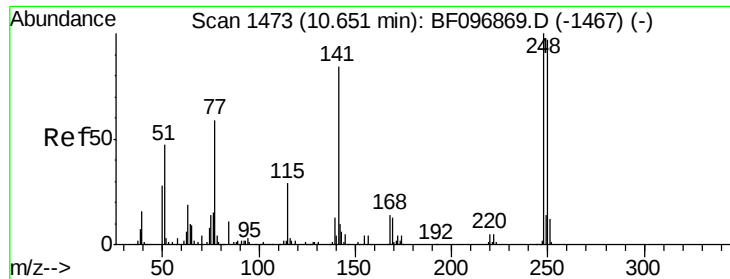


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

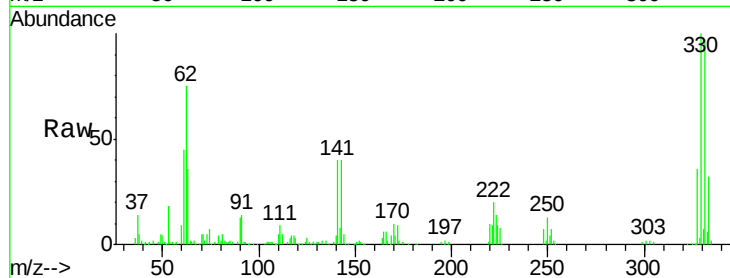




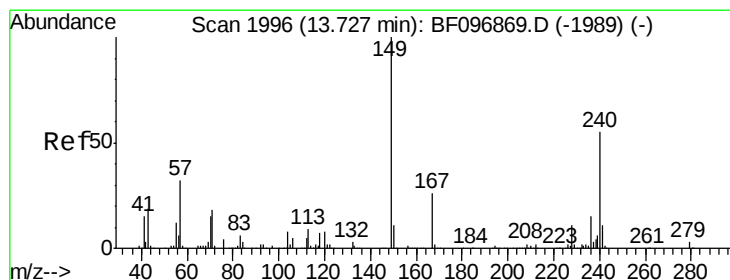
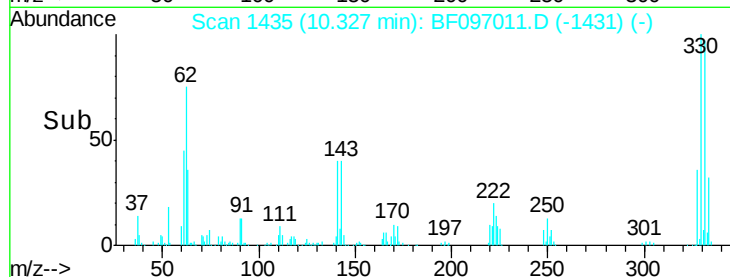
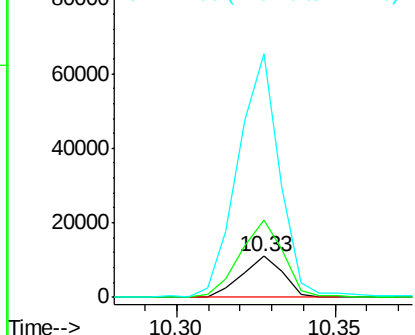
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.28 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9798
Ion Ratio Lower Upper
248 100
250 186.2 76.8 115.2#
141 591.5 68.6 103.0#

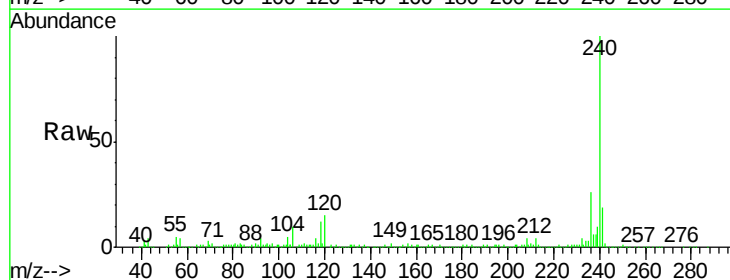


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

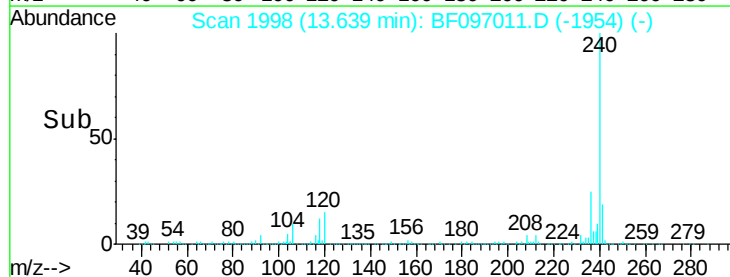
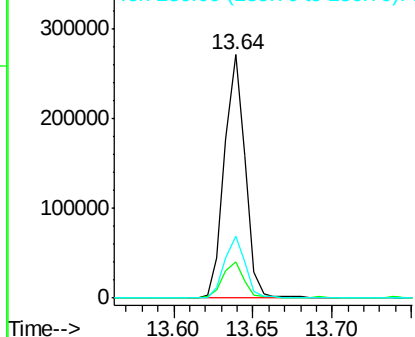


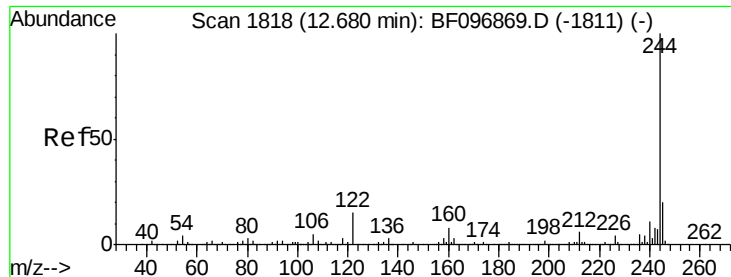
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Tgt Ion:240 Resp: 246252
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.7 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

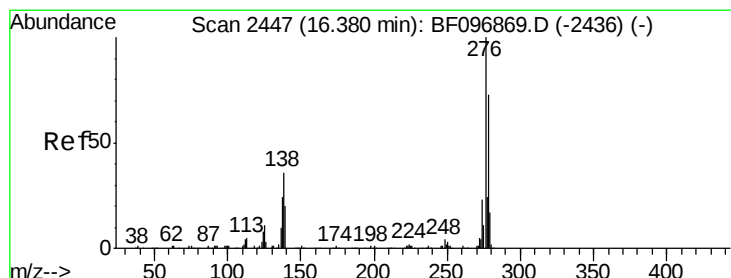
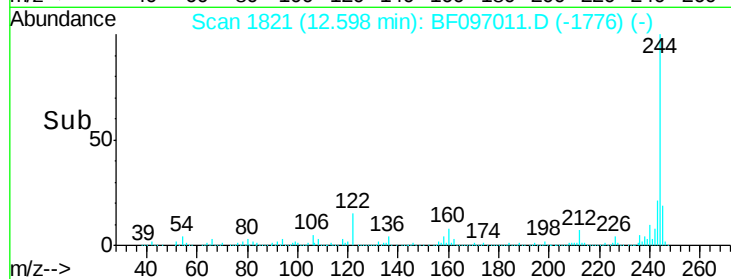
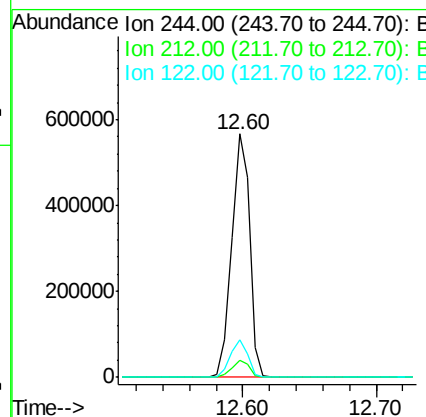
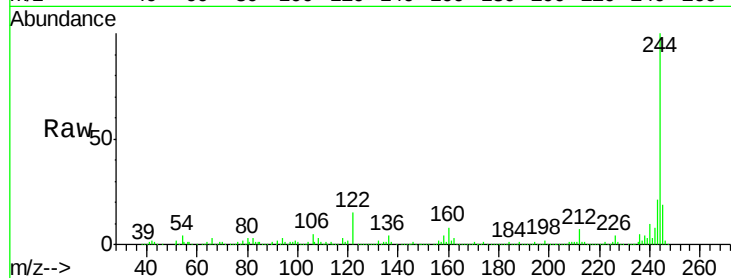




#78
 Terphenyl-d14
 Concen: 38.20 ng
 RT: 12.60 min Scan# 1821
 Delta R.T. -0.04 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

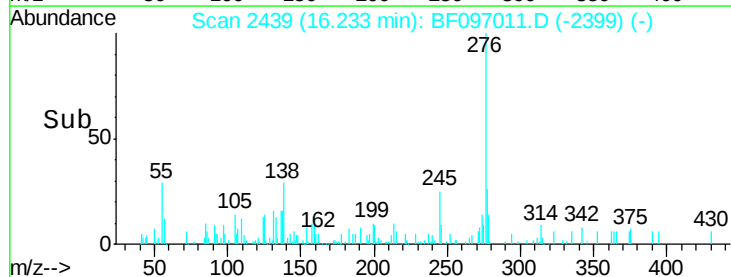
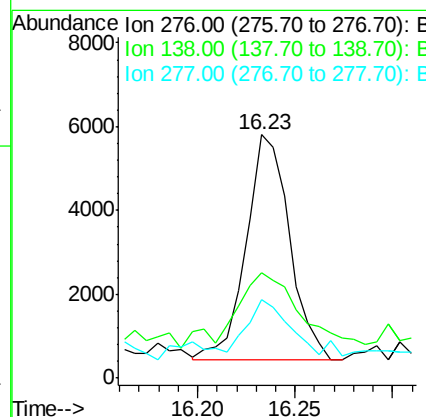
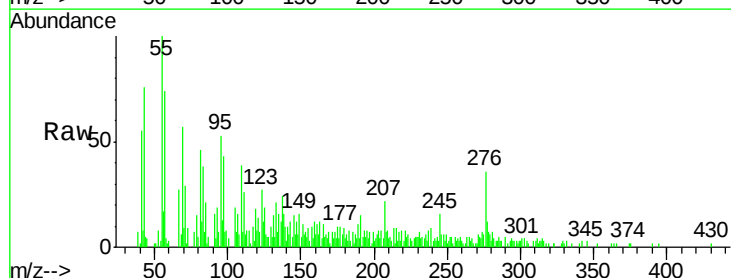
Instrument :
 BNA_F
 ClientSampleId :

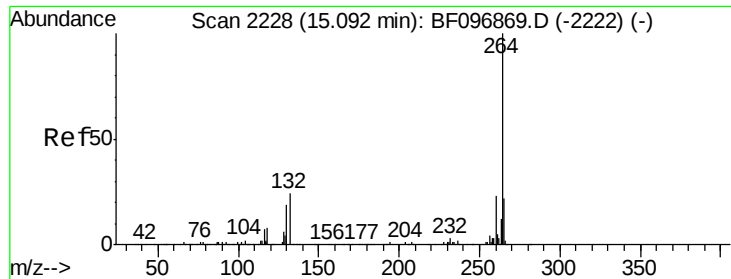
Tot Ion:244 Resp: 542376
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.2 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.90 ng
 RT: 16.23 min Scan# 2439
 Delta R.T. -0.06 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Tgt Ion:276 Resp: 8252
 Ion Ratio Lower Upper
 276 100
 138 50.0 27.8 41.6#
 277 24.7 20.2 30.4

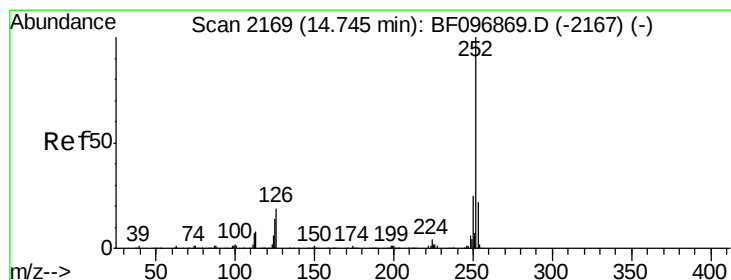
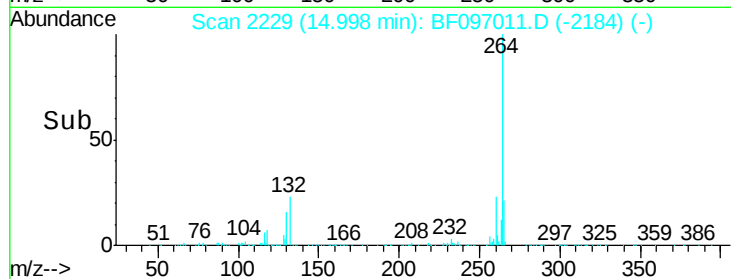
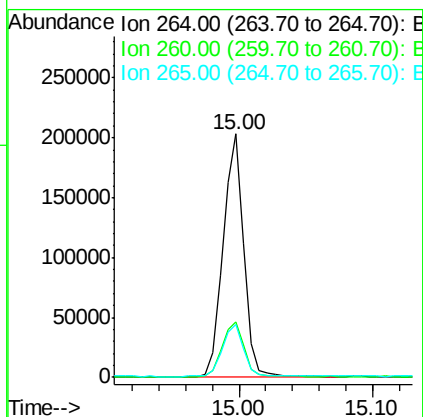
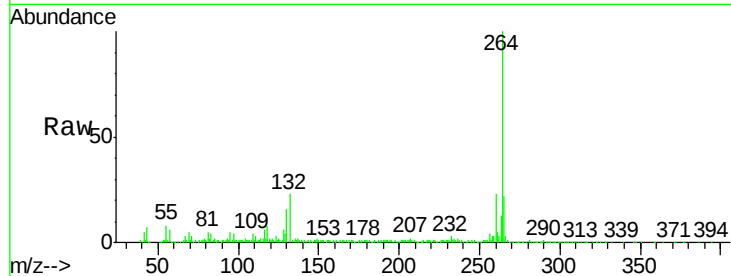




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.6	17.2	25.8



#88
Benzo(k)fluoranthene
Concen: 2.08 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.06 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	18.4	27.6#
125	34.9	13.1	19.7#

