

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097105.D
 Acq On : 27 Jul 2017 5:05
 Operator : SJ/JU
 Sample : I4397-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:23:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

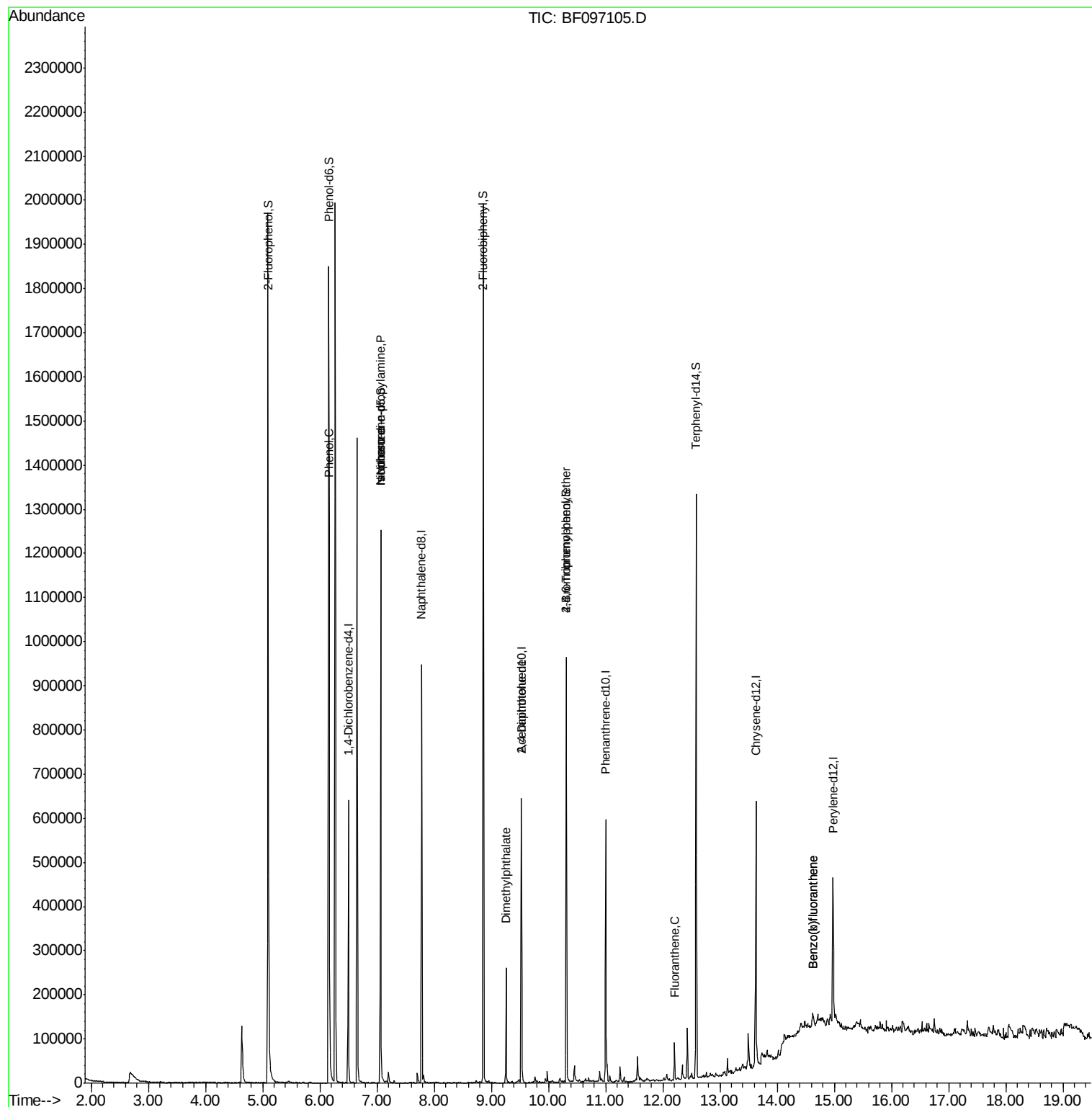
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	95915	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	379419	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	123513	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	200504	20.00	ng	0.00
75) Chrysene-d12	13.63	240	186510	20.00	ng	0.00
86) Perylene-d12	14.98	264	132460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	597755	93.95	ng	0.00
7) Phenol-d6	6.16	99	614369	84.58	ng	-0.01
23) Nitrobenzene-d5	7.06	82	340259	52.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	94990	97.34	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	588173	80.82	ng	-0.01
78) Terphenyl-d14	12.59	244	397001	43.40	ng	0.00
Target Compounds						
10) Phenol	6.17	94	21765	2.526	ng	88
19) n-Nitroso-di-n-propylamine	7.06	70	44305	9.267	ng	# 86
25) Isophorone	7.06	82	338960	26.761	ng	# 67
49) Dimethylphthalate	9.26	163	94033	10.026	ng	100
56) 2,4-Dinitrotoluene	9.53	165	15295	6.688	ng	# 31
66) 4-Bromophenyl-phenylether	10.32	248	6108	3.053	ng	# 1
74) Fluoranthene	12.20	202	33822	3.214	ng	99
87) Benzo(b)fluoranthene	14.62	252	18176	2.283	ng	# 77
88) Benzo(k)fluoranthene	14.62	252	18176	2.396	ng	# 81

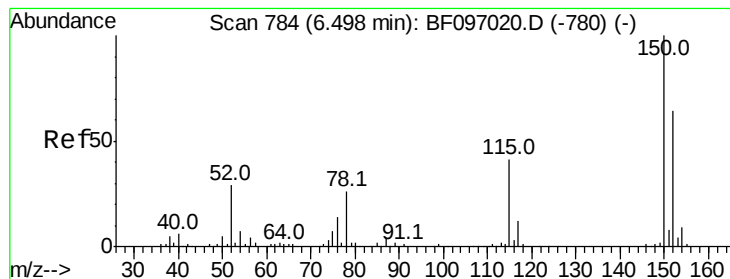
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097105.D
Acq On : 27 Jul 2017 5:05
Operator : SJ/JU
Sample : I4397-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 27 08:23:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



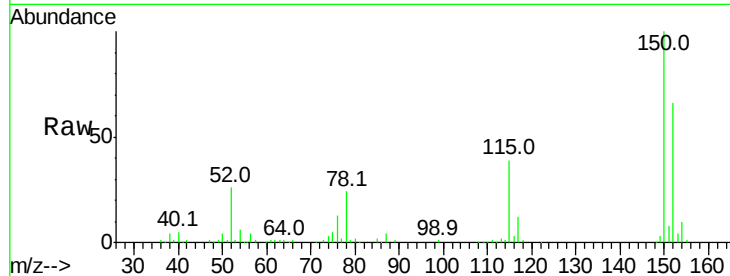


#1

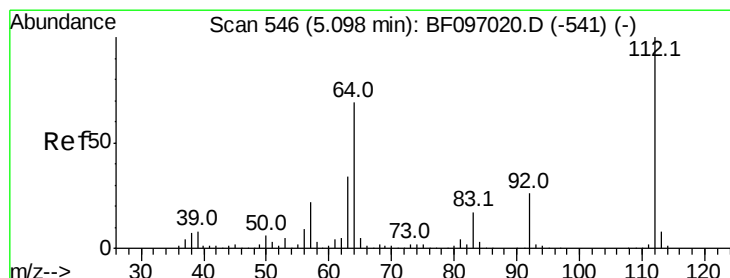
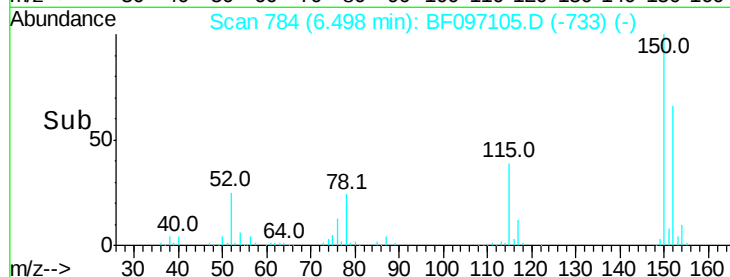
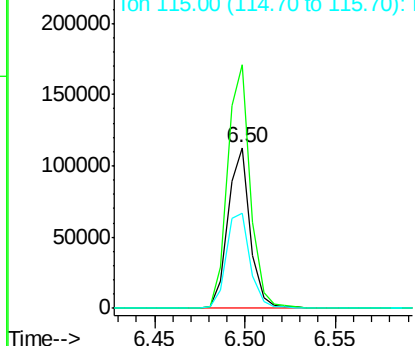
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 95915
 Ion Ratio Lower Upper
 152 100
 150 151.3 126.2 189.2
 115 59.1 52.2 78.2



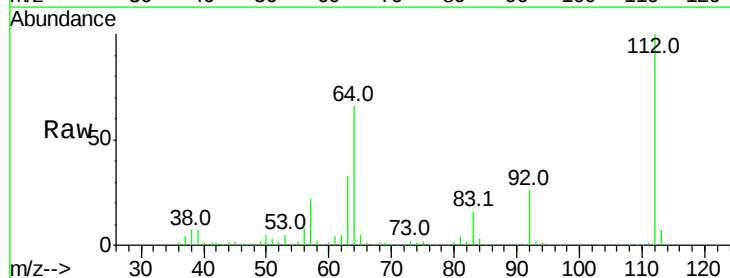
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



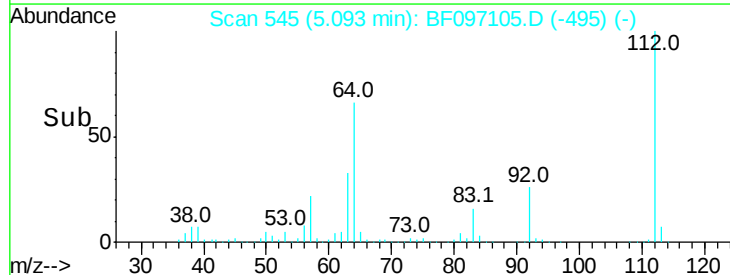
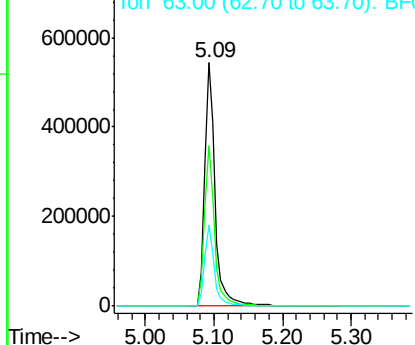
#5

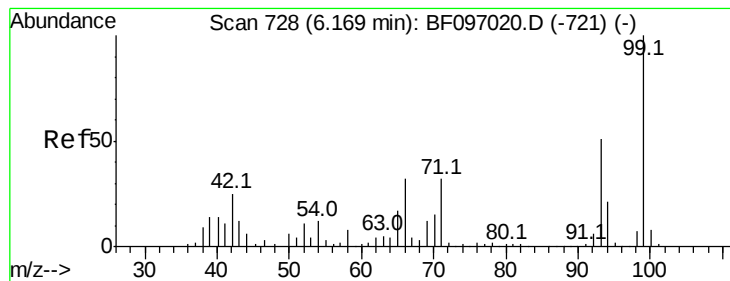
2-Fluorophenol
 Concen: 93.949 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Tgt Ion:112 Resp: 597755
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.0 69.0
 63 33.3 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: 84.582 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Instrument :

BNA_F

ClientSampleId :

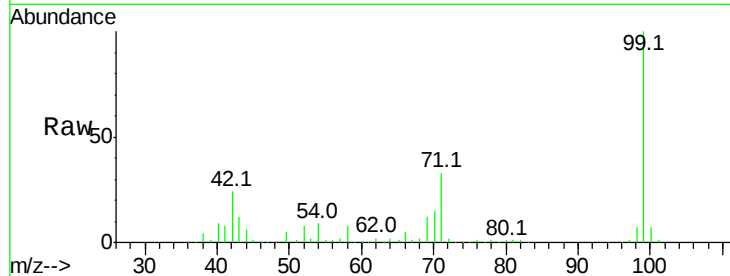
Tot Ion: 99 Resp: 614369

Ion Ratio Lower Upper

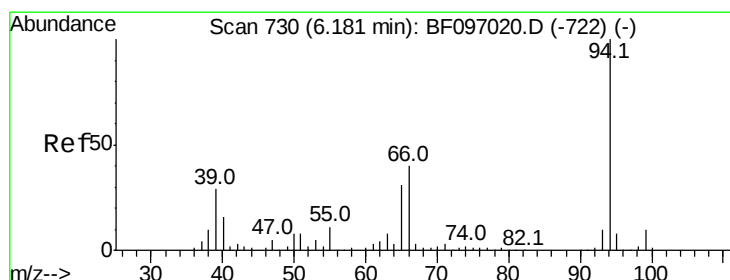
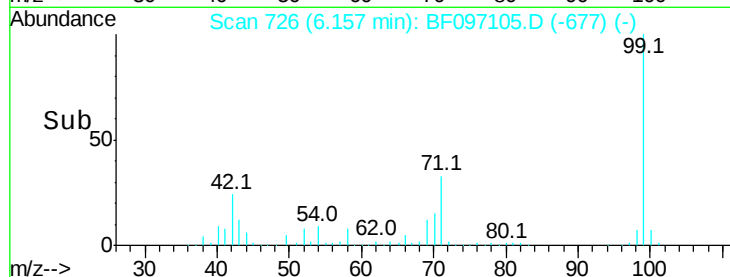
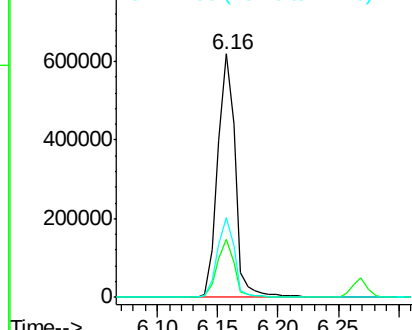
99 100

42 23.8 13.5 20.3#

71 32.9 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: 2.526 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

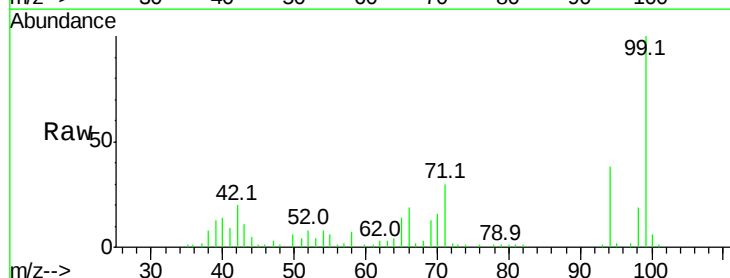
Tgt Ion: 94 Resp: 21765

Ion Ratio Lower Upper

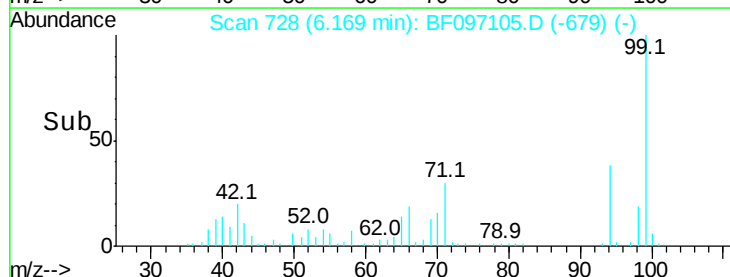
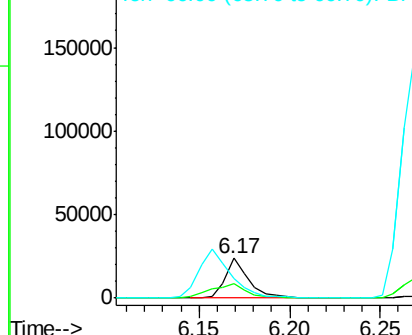
94 100

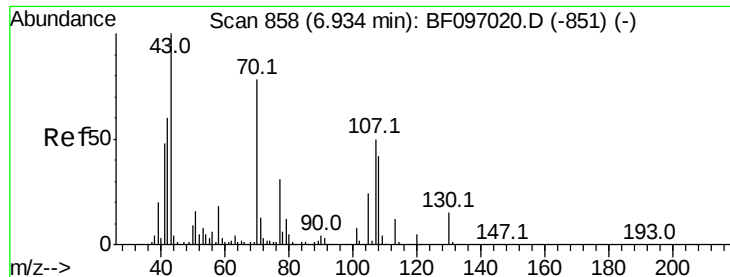
65 36.6 9.9 49.9

66 50.3 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

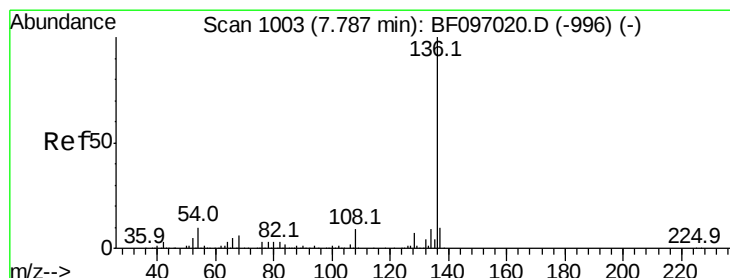
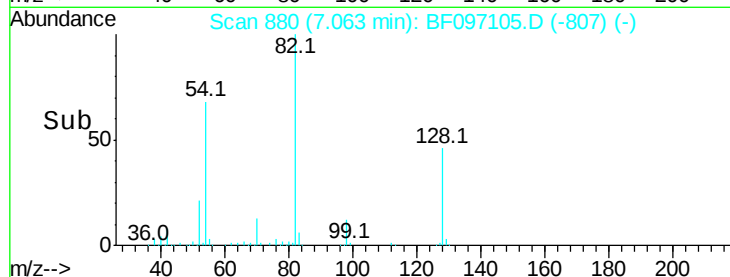
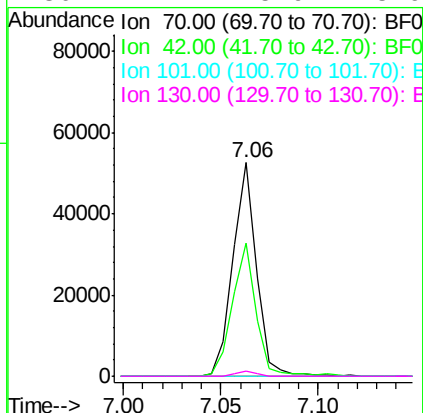
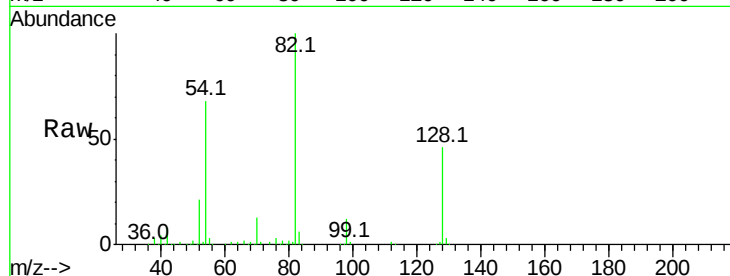




#19
n-Nitroso-di-n-propylamine
Concen: 9.267 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

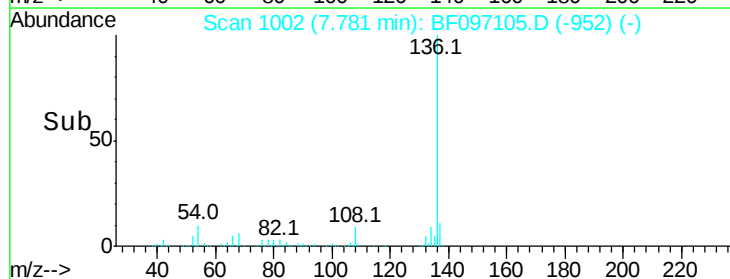
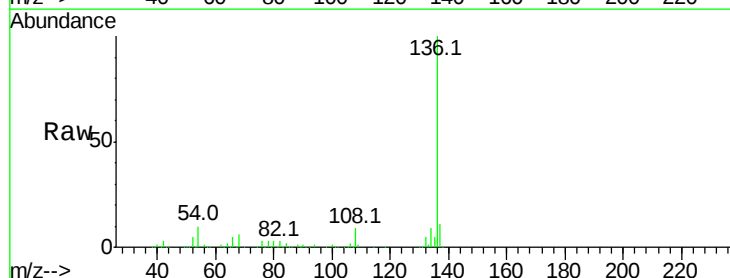
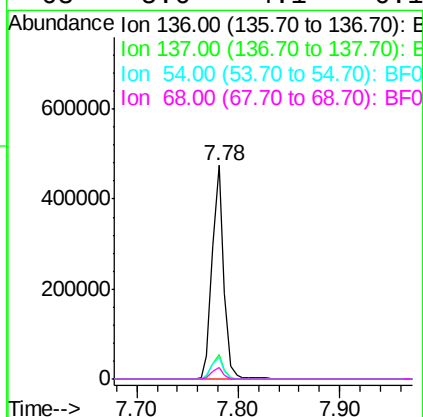
Instrument :
BNA_F
ClientSampleId :

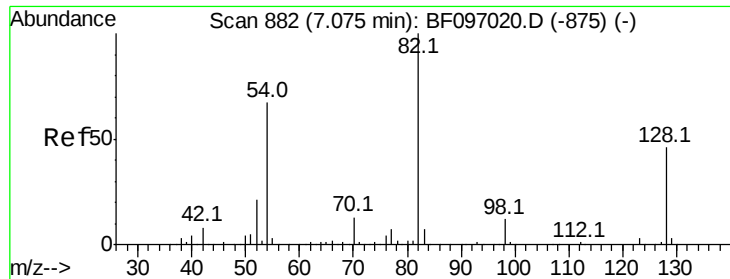
Tot Ion: 70 Resp: 44305
Ion Ratio Lower Upper
70 100
42 62.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Tgt Ion: 136 Resp: 379419
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.9 4.9 7.3#
68 5.6 4.1 6.1

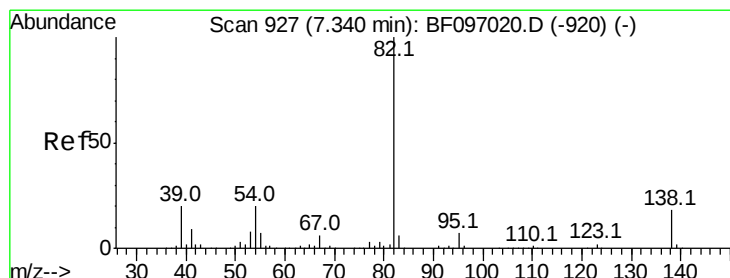
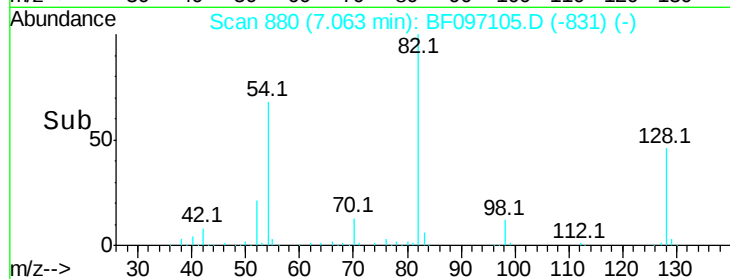
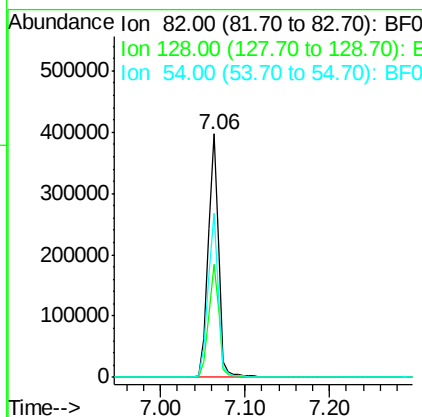
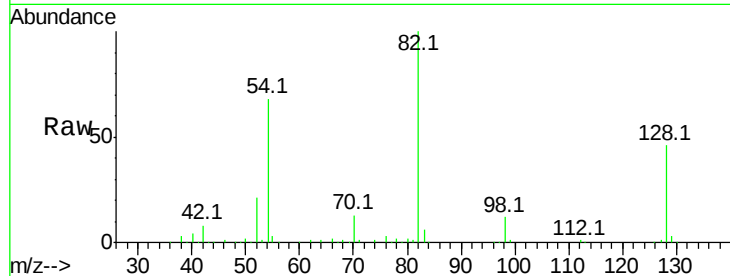




#23
 Nitrobenzene-d5
 Concen: 52.609 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

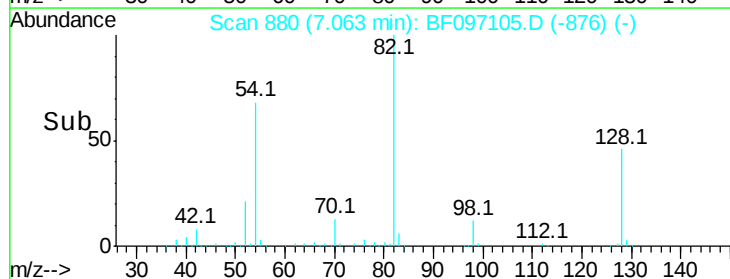
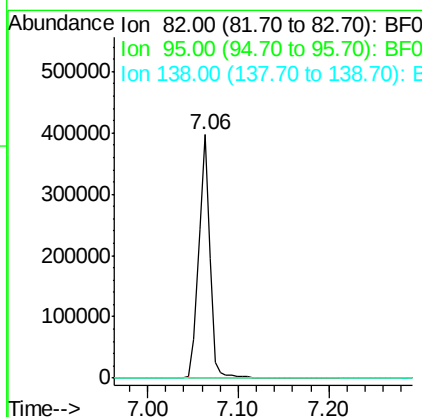
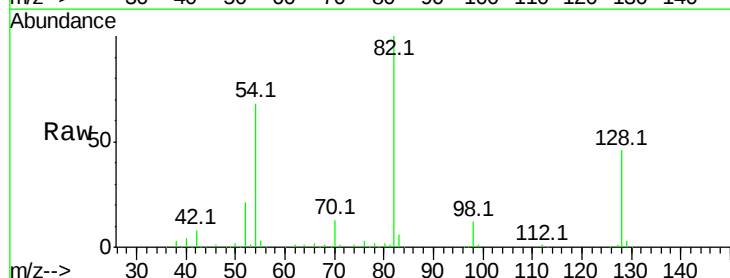
Instrument :
 BNA_F
 ClientSampled :

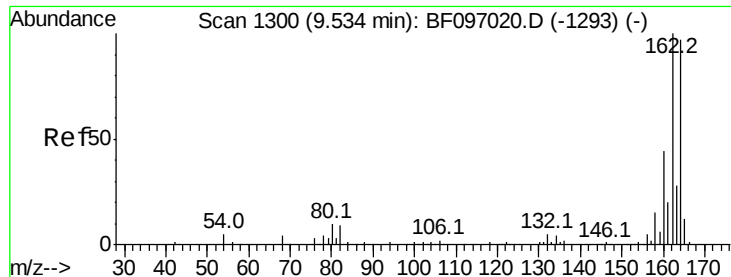
Tot Ion	82	Resp	340259
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.0	51.0
54	67.7	42.2	63.2#



#25
 Isophorone
 Concen: 26.761 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Tgt Ion	82	Resp	338960
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

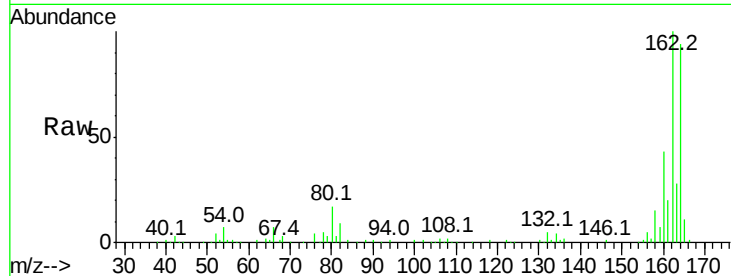




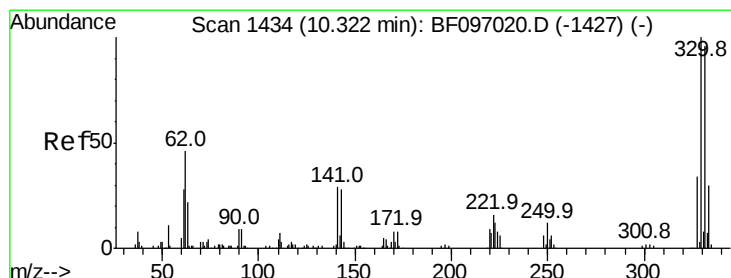
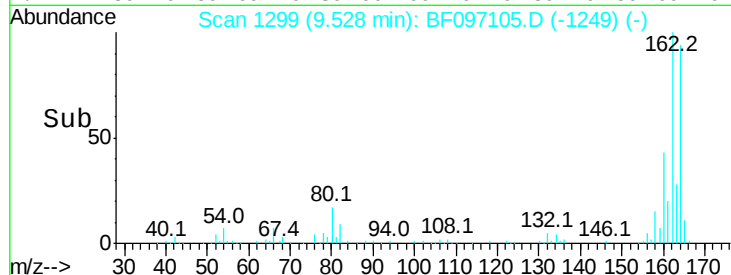
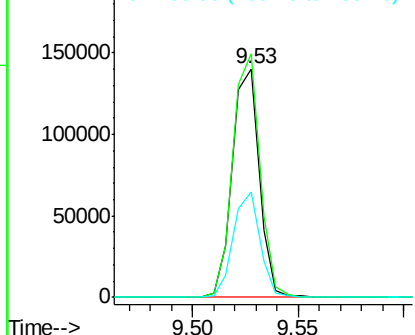
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 123513
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.6 123.8
 160 45.9 36.2 54.2

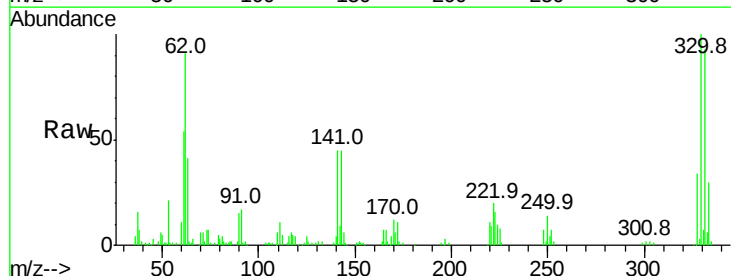


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

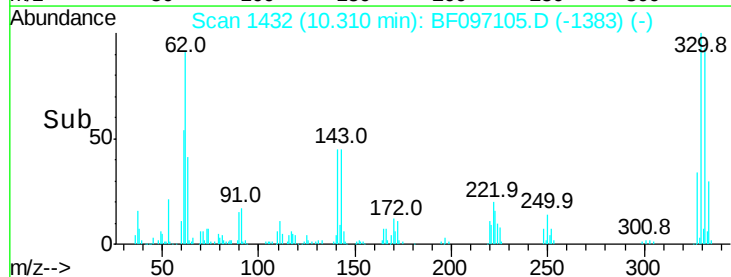
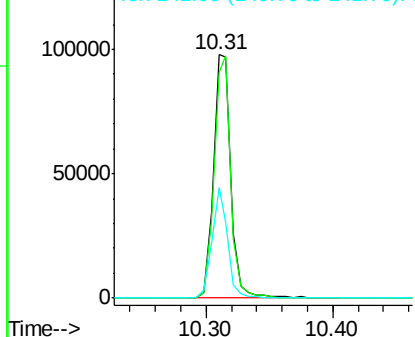


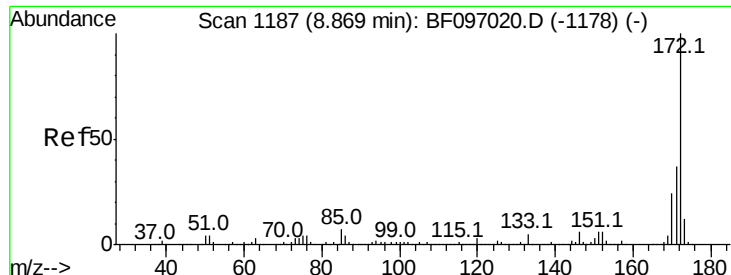
#41
 2,4,6-Tribromophenol
 Concen: 97.339 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Tgt Ion:330 Resp: 94990
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 40.2 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

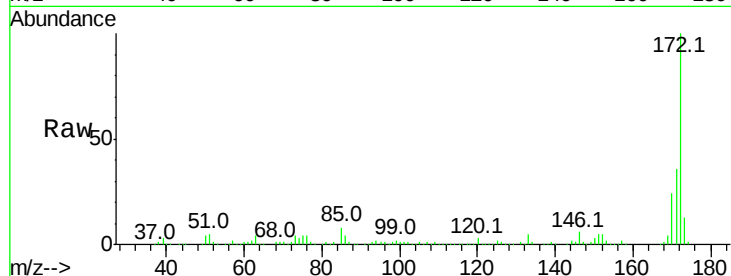




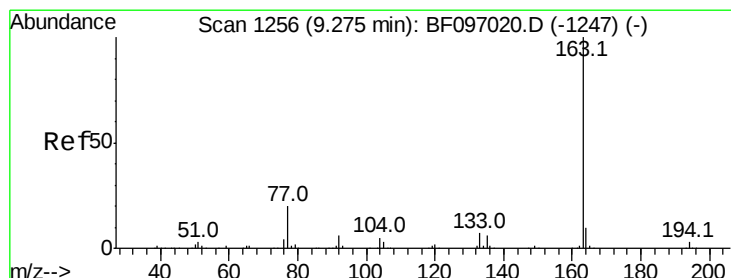
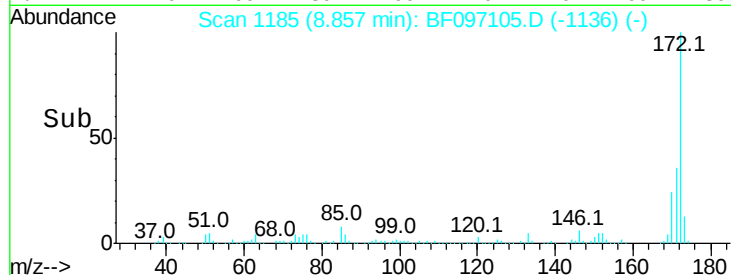
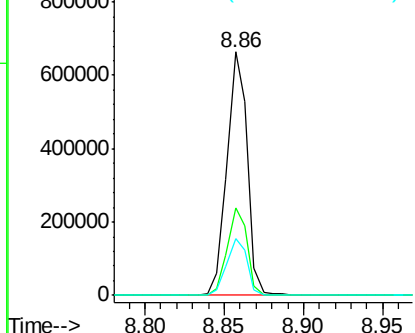
#44
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 588173
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.8 29.8

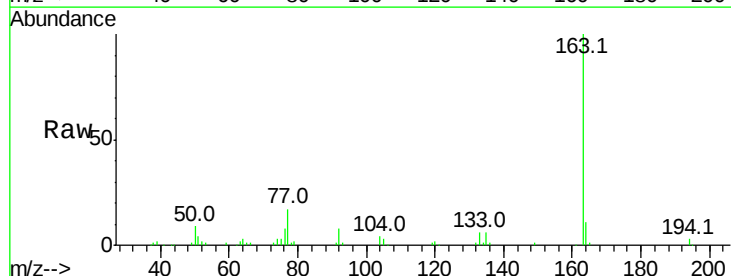


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

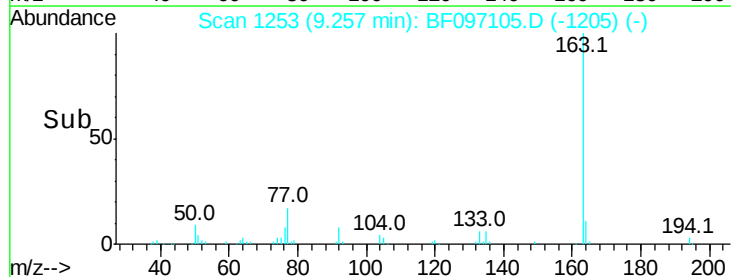
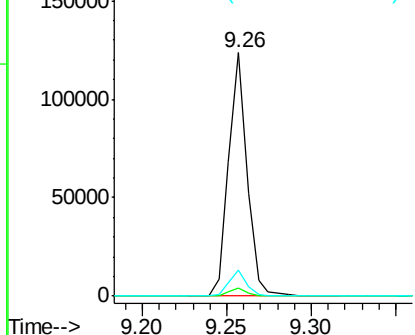


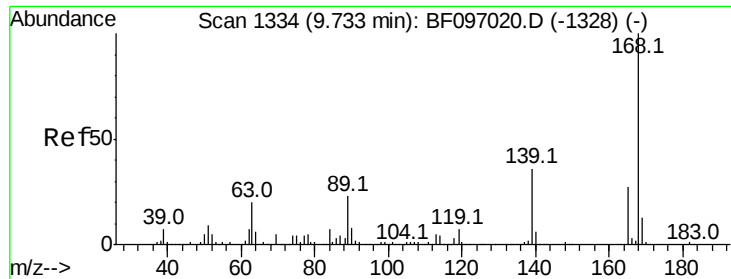
#49
Dimethylphthalate
Concen: 10.026 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Tgt Ion:163 Resp: 94033
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 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

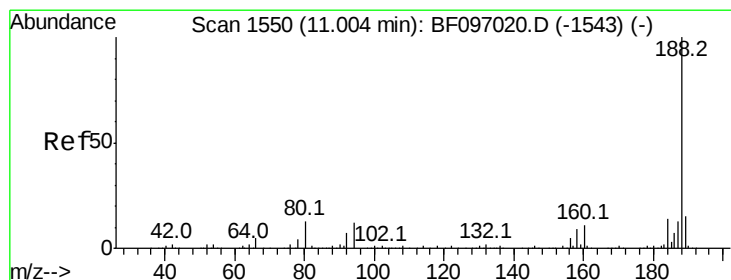
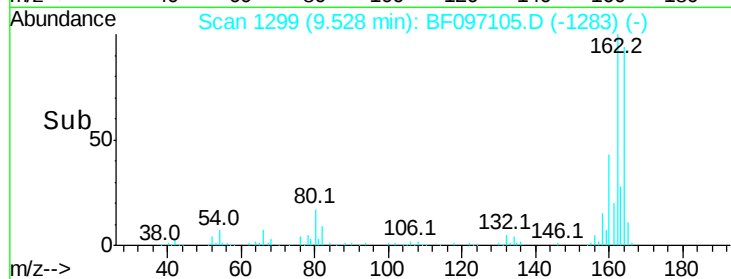
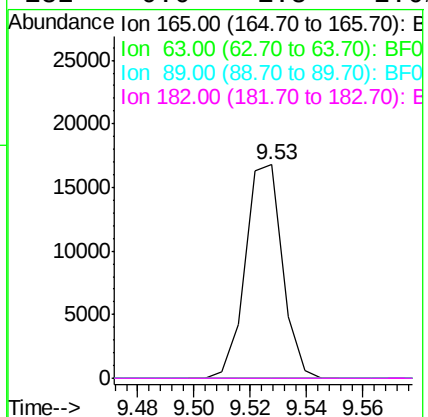
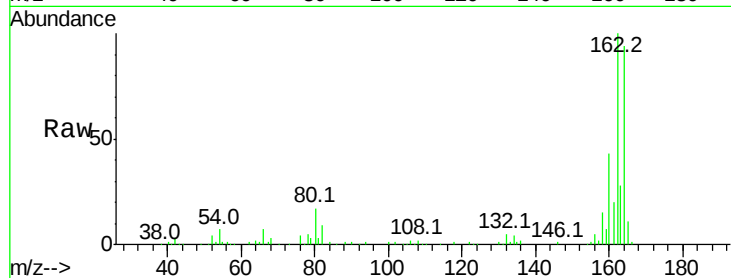




#56
 2,4-Dinitrotoluene
 Concen: 6.688 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

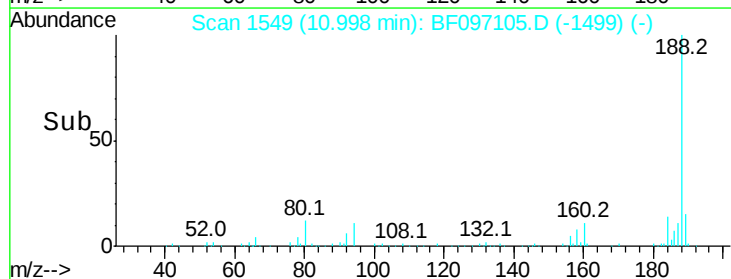
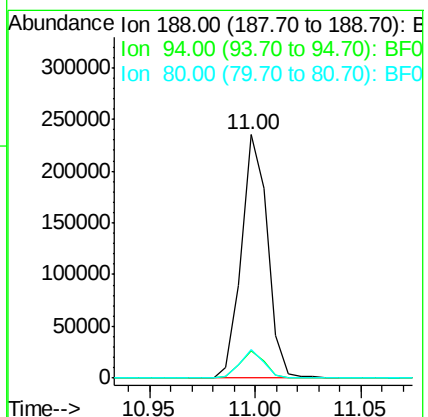
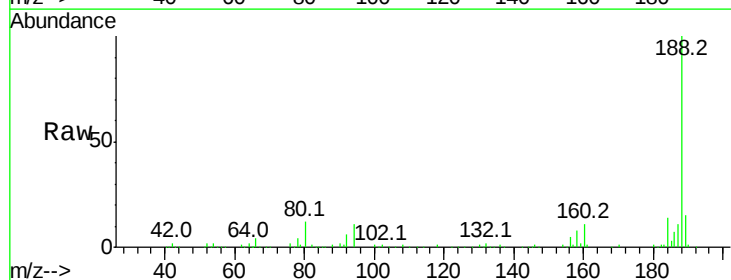
Instrument :
 BNA_F
 ClientSampleId :

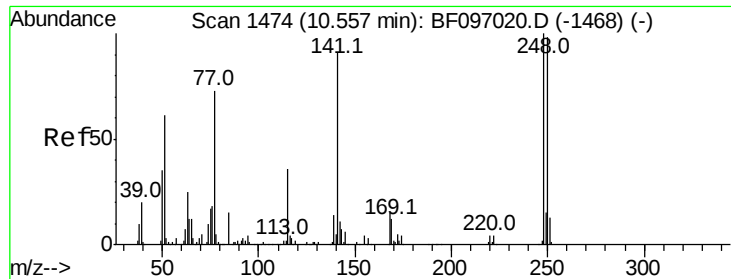
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.9	10.2	15.2

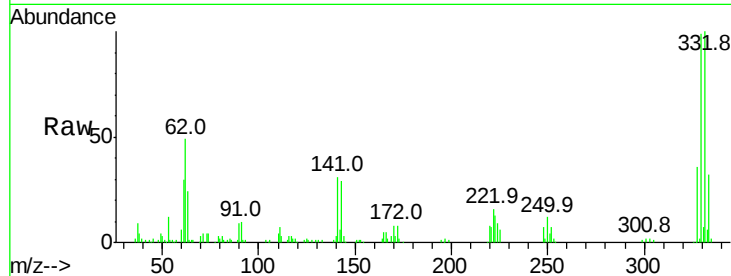




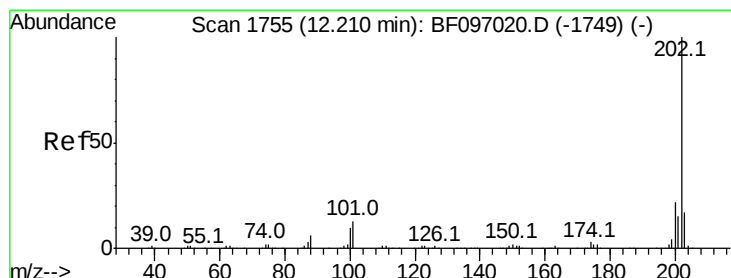
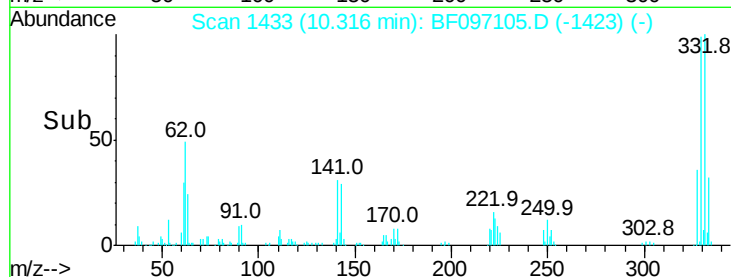
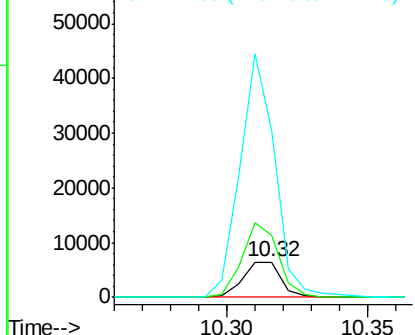
#66
 4-Bromophenyl-phenylether
 Concen: 3.053 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6108
 Ion Ratio Lower Upper
 248 100
 250 174.5 76.8 115.2#
 141 469.9 68.6 103.0#

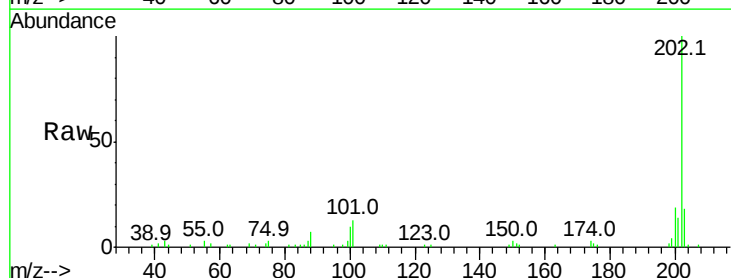


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

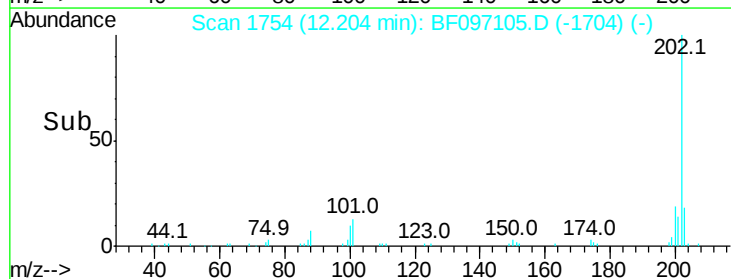
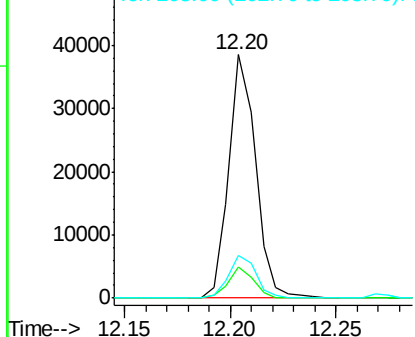


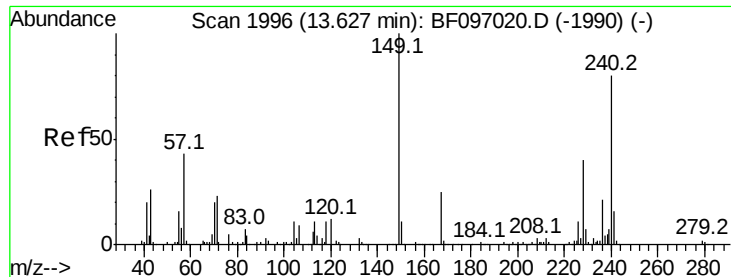
#74
 Fluoranthene
 Concen: 3.214 ng
 RT: 12.20 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Tgt Ion:202 Resp: 33822
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 33.2
 203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Instrument :

BNA_F

ClientSampled :

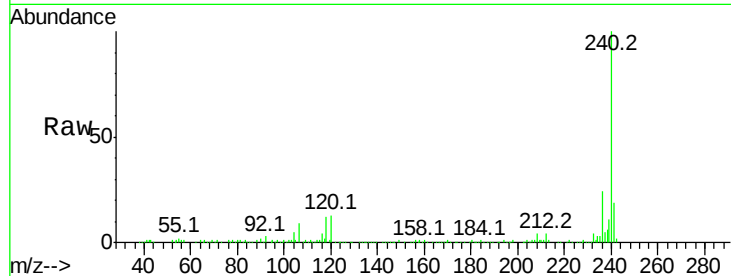
Tot Ion:240 Resp: 186510

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

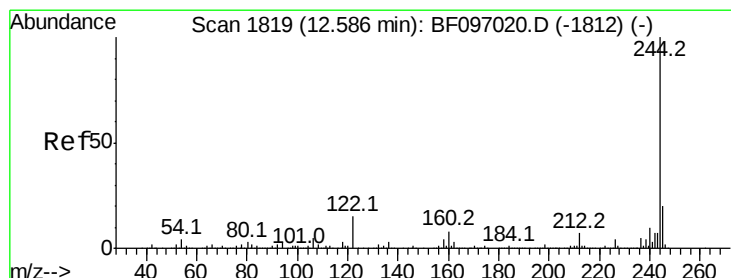
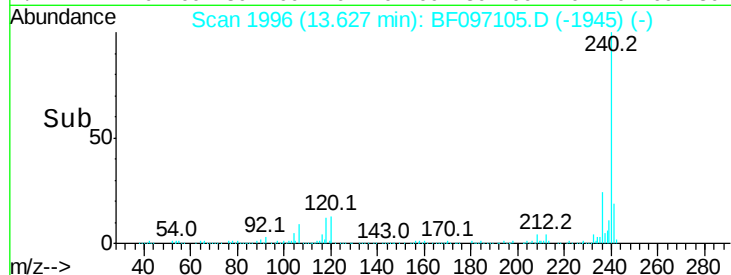
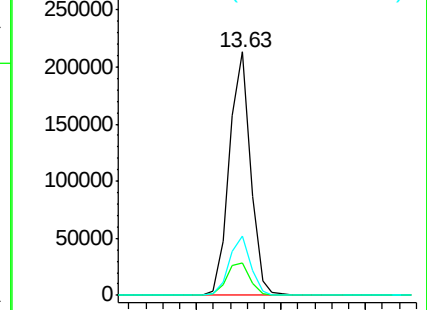
236 24.1 20.5 30.7



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: 43.399 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

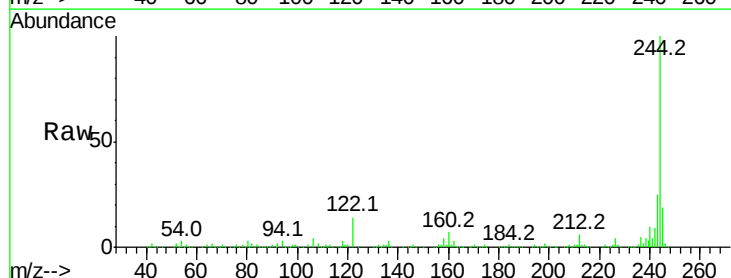
Tgt Ion:244 Resp: 397001

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

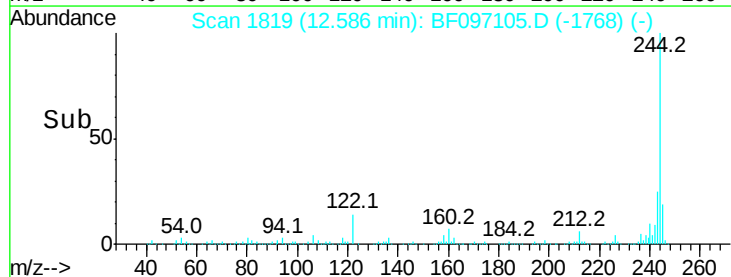
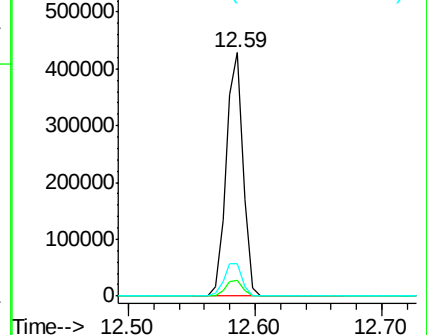
122 13.6 10.3 15.5

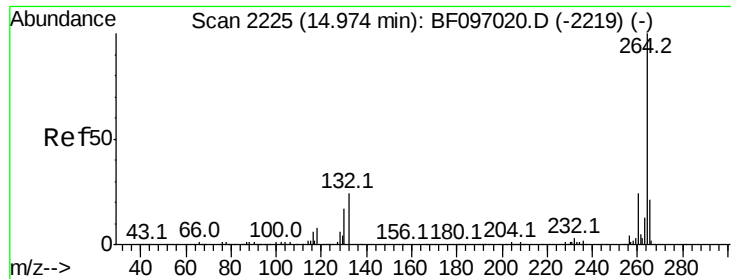


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

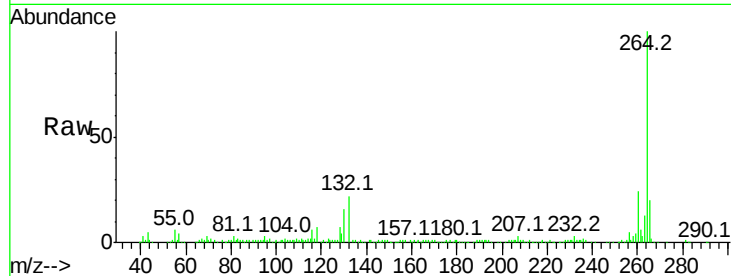
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 132460

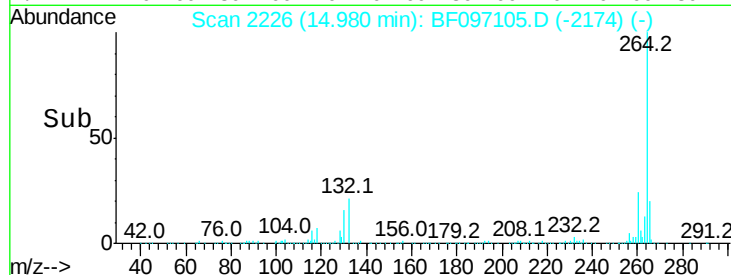
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.0	17.2	25.8



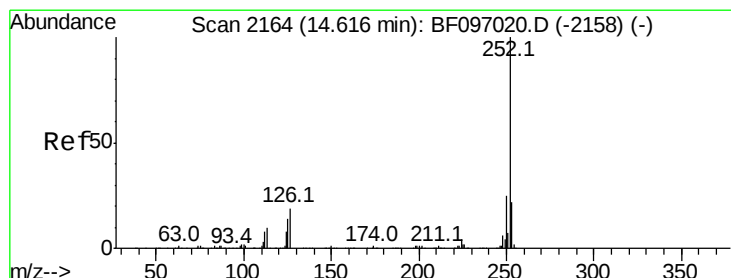
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 14.90 14.95 15.00 15.05



#87

Benzo(b)fluoranthene

Concen: 2.283 ng

RT: 14.62 min Scan# 2165

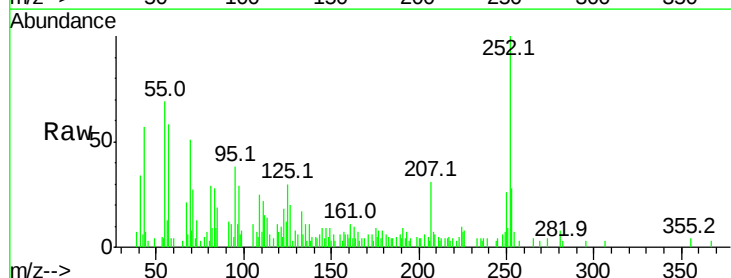
Delta R.T. 0.01 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Tgt Ion:252 Resp: 18176

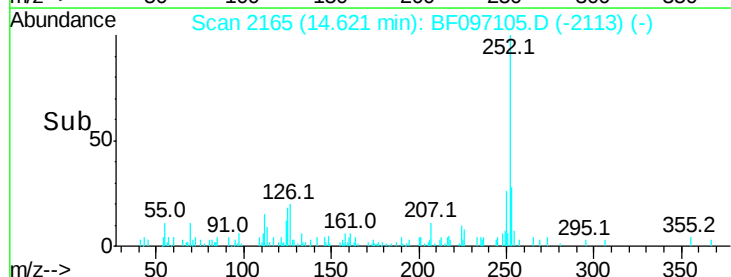
Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.1	27.1#
125	29.5	9.8	14.8#



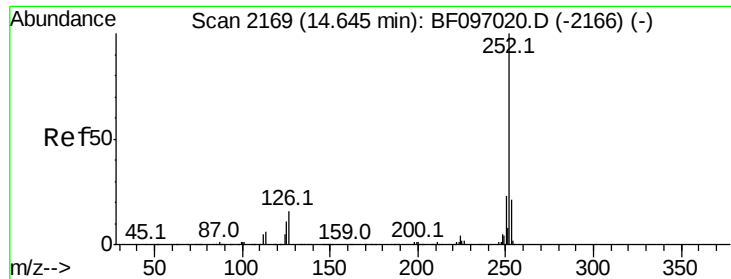
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.55 14.60 14.65 14.70



#88

Benzo(k)fluoranthene

Concen: 2.396 ng

RT: 14.62 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Instrument :

BNA_F

ClientSampleId :

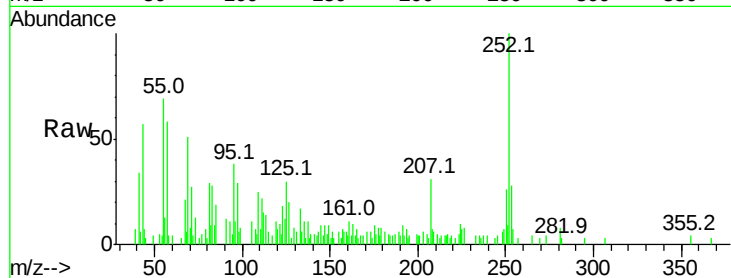
Tot Ion:252 Resp: 18176

Ion Ratio Lower Upper

252 100

253 28.0 18.4 27.6#

125 29.5 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

