

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097099.D
 Acq On : 27 Jul 2017 2:20
 Operator : SJ/JU
 Sample : I4359-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:21:50 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

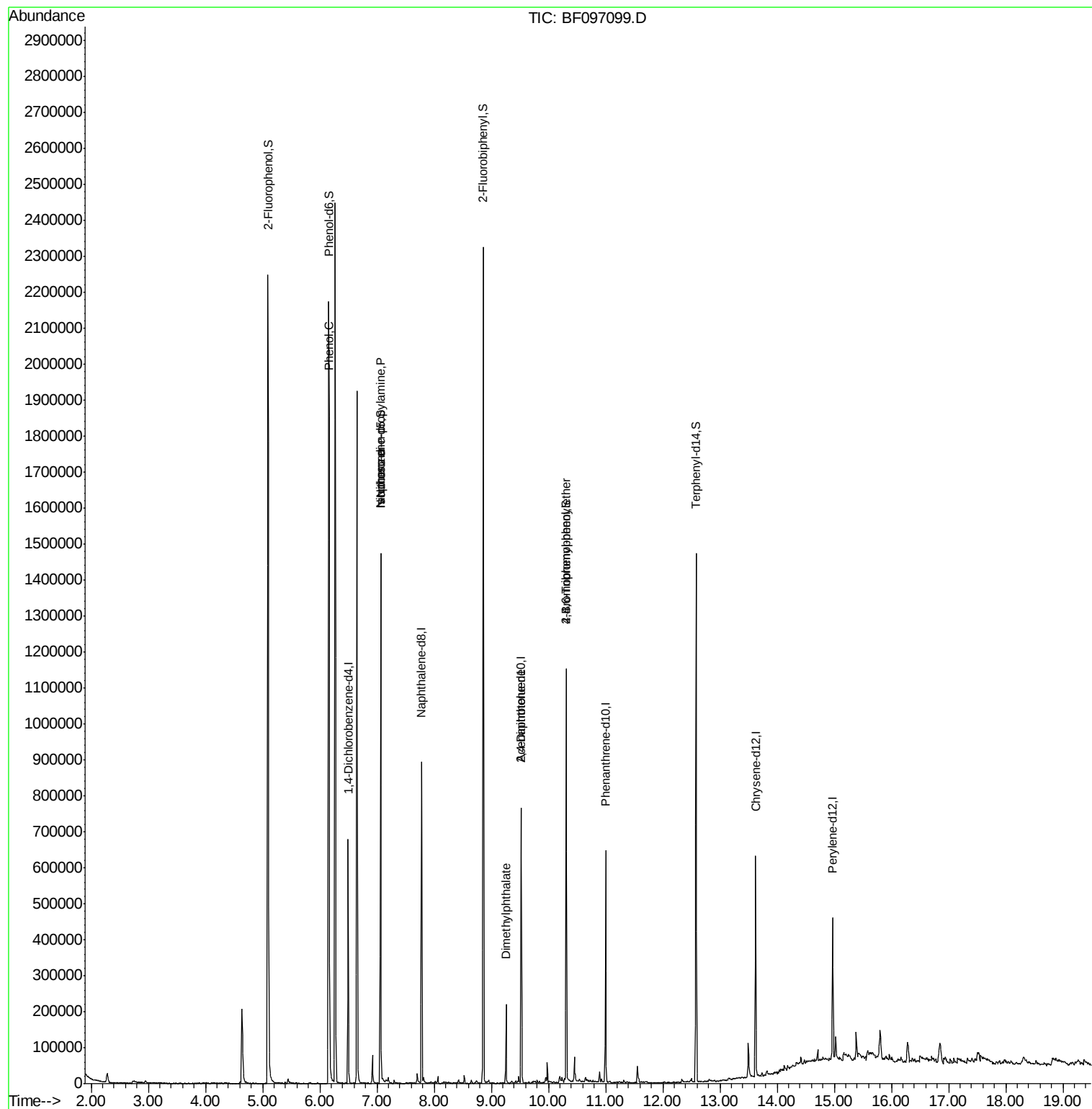
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102287	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	408007	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	147346	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	219132	20.00	ng	0.00
75) Chrysene-d12	13.62	240	198521	20.00	ng	0.00
86) Perylene-d12	14.97	264	144001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	677938	99.91	ng	0.00
7) Phenol-d6	6.16	99	807575	104.25	ng	-0.01
23) Nitrobenzene-d5	7.06	82	433255	62.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	116396	99.98	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	725191	83.53	ng	-0.01
78) Terphenyl-d14	12.59	244	480270	49.32	ng	0.00
Target Compounds						
10) Phenol	6.17	94	25758	2.803	ng	96
19) n-Nitroso-di-n-propylamine	7.06	70	57269	11.232	ng	# 87
25) Isophorone	7.06	82	424717	31.182	ng	# 67
49) Dimethylphthalate	9.26	163	85241	7.618	ng	# 98
56) 2,4-Dinitrotoluene	9.52	165	18576	6.809	ng	# 33
66) 4-Bromophenyl-phenylether	10.31	248	7270	3.324	ng	# 1

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

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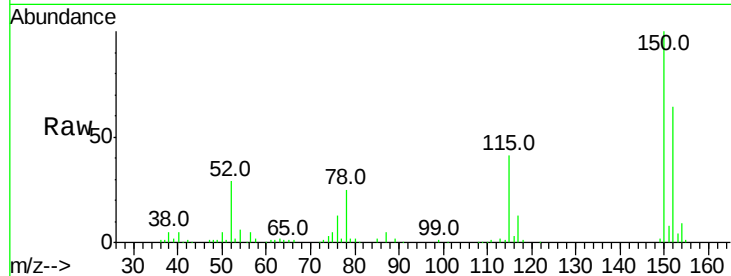


#1

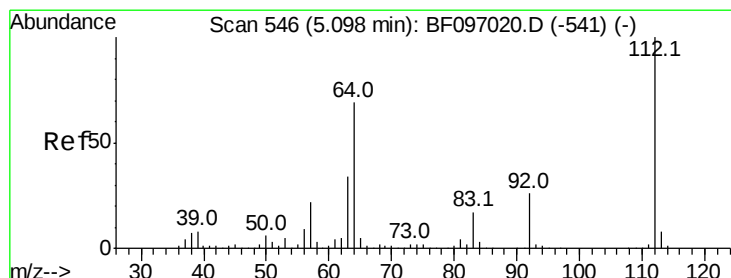
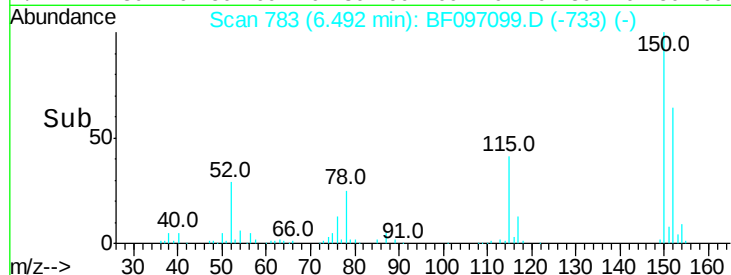
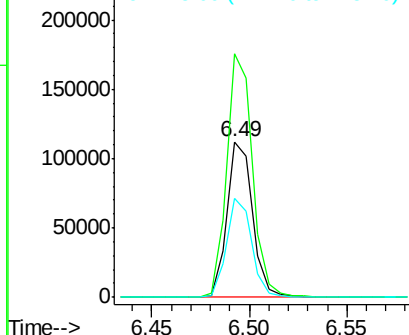
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 102287
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 63.9 52.2 78.2



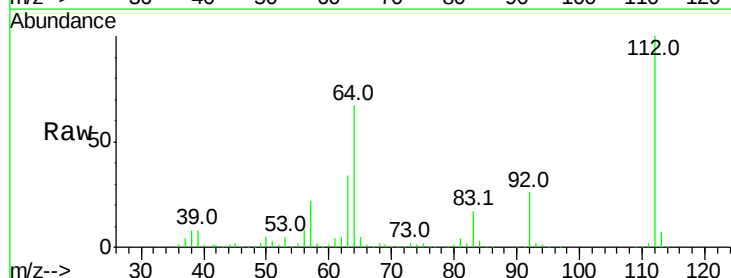
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



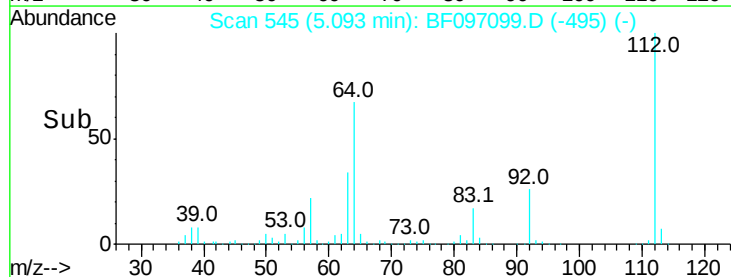
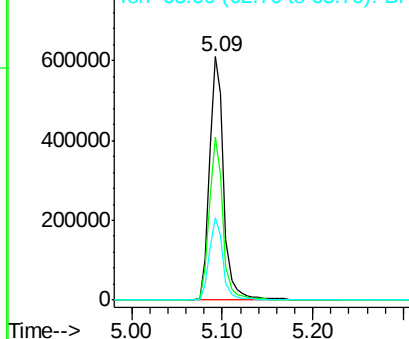
#5

2-Fluorophenol
 Concen: 99.913 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

Tgt Ion:112 Resp: 677938
 Ion Ratio Lower Upper
 112 100
 64 66.8 46.0 69.0
 63 34.1 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: 104.255 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097099.D

Acq: 27 Jul 2017 2:20

Instrument :

BNA_F

ClientSampled :

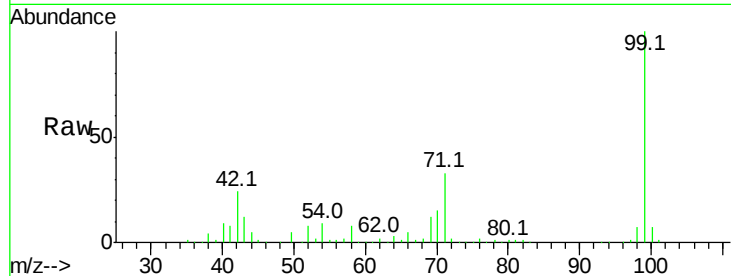
Tot Ion: 99 Resp: 807575

Ion Ratio Lower Upper

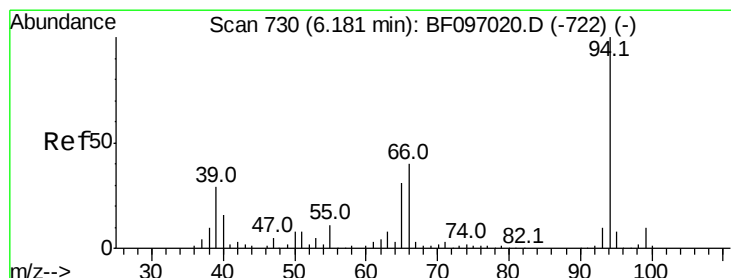
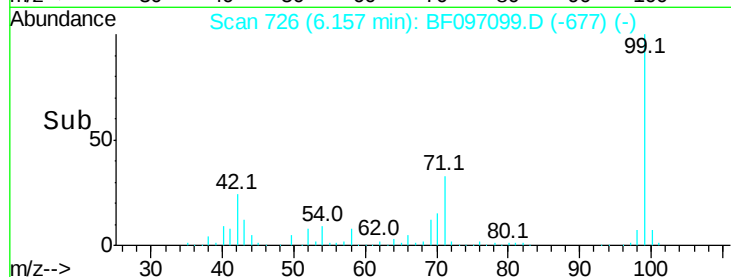
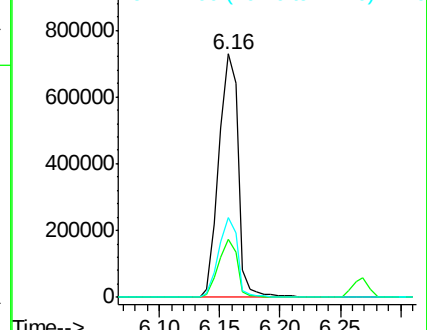
99 100

42 23.7 13.5 20.3#

71 32.8 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: 2.803 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097099.D

Acq: 27 Jul 2017 2:20

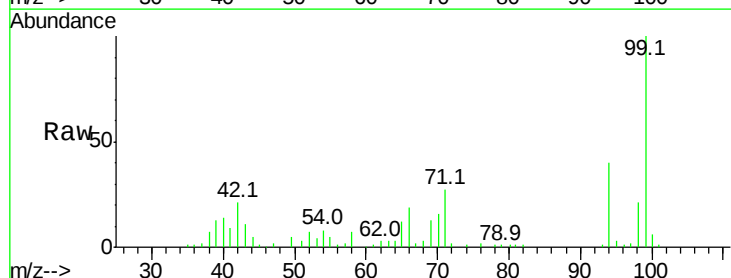
Tgt Ion: 94 Resp: 25758

Ion Ratio Lower Upper

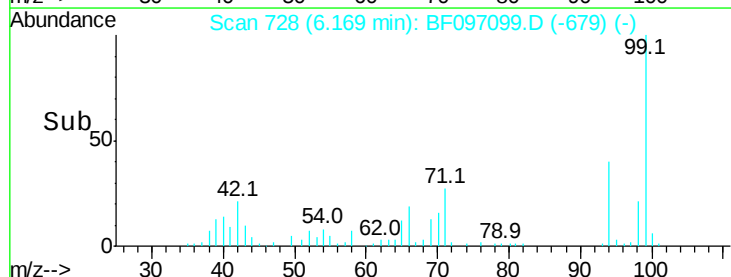
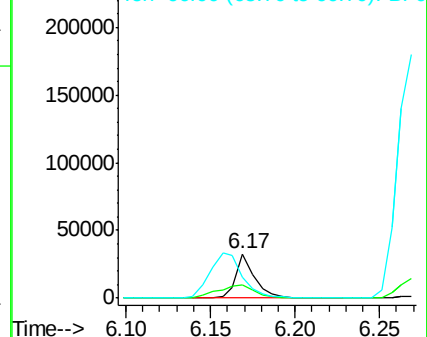
94 100

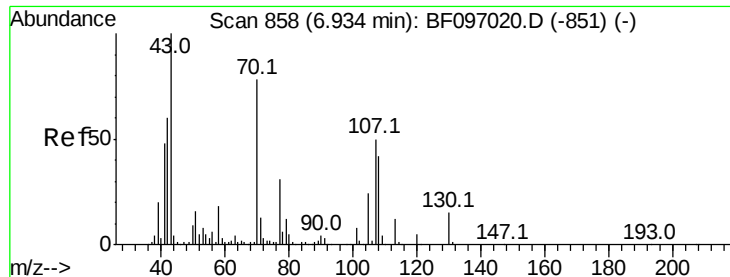
65 28.9 9.9 49.9

66 47.1 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

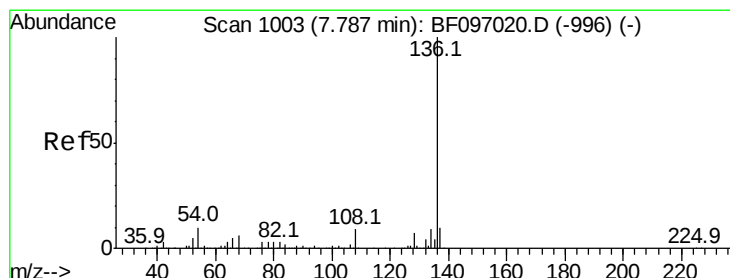
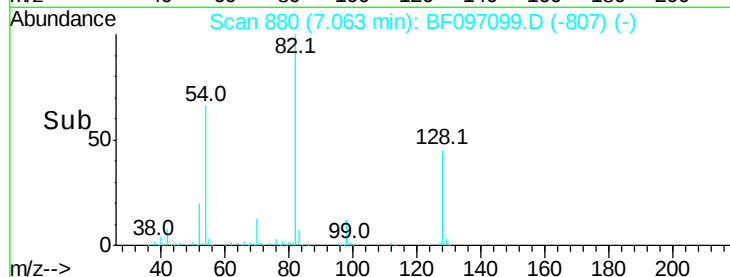
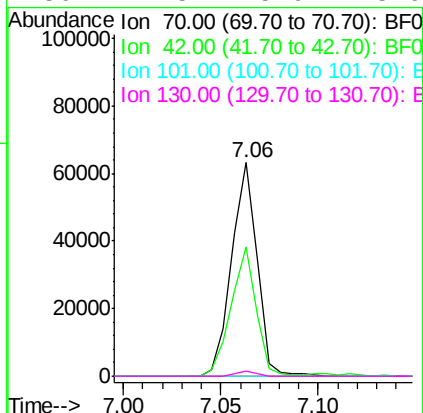
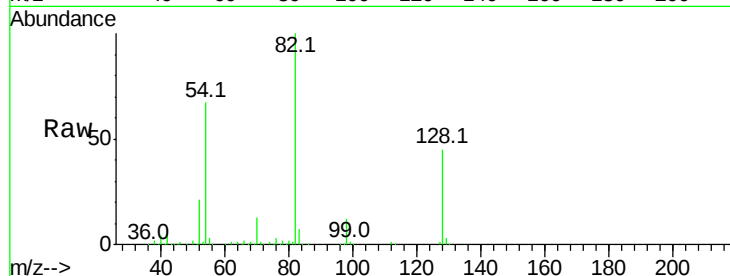




#19
n-Nitroso-di-n-propylamine
Concen: 11.232 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097099.D
Acq: 27 Jul 2017 2:20

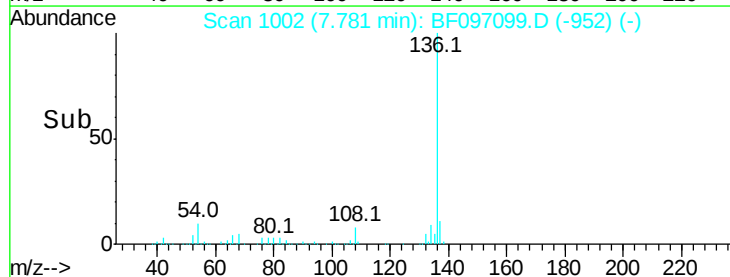
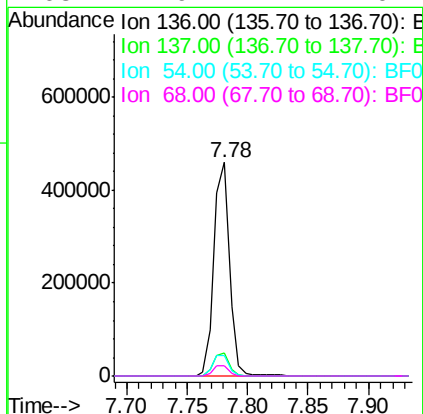
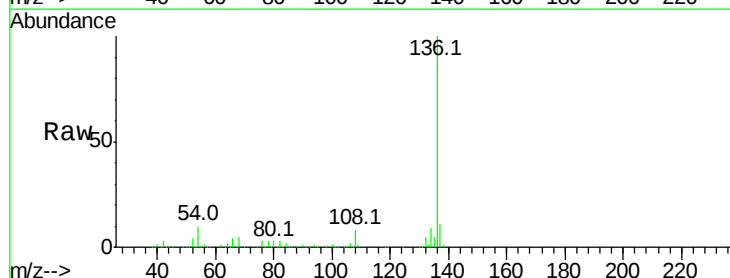
Instrument :
BNA_F
ClientSampled :

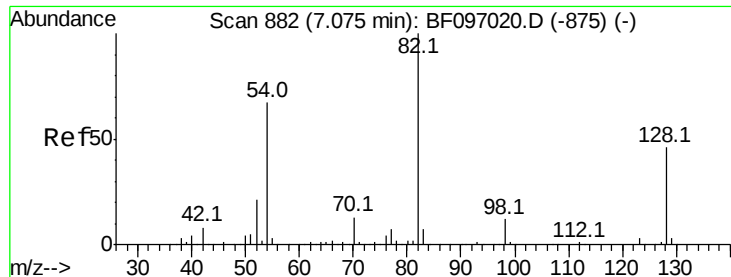
Tot Ion: 70 Resp: 57269
Ion Ratio Lower Upper
70 100
42 60.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097099.D
Acq: 27 Jul 2017 2:20

Tgt Ion:136 Resp: 408007
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.5 4.9 7.3#
68 4.9 4.1 6.1

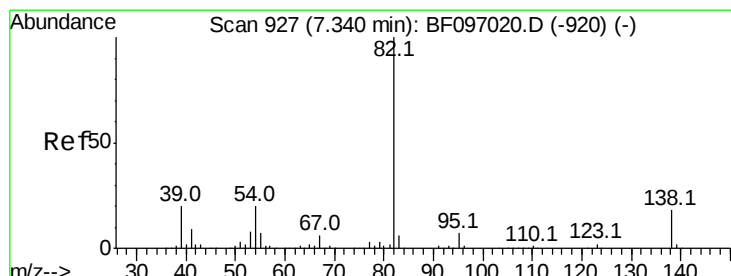
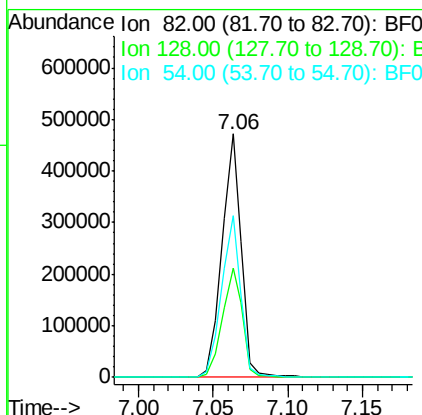
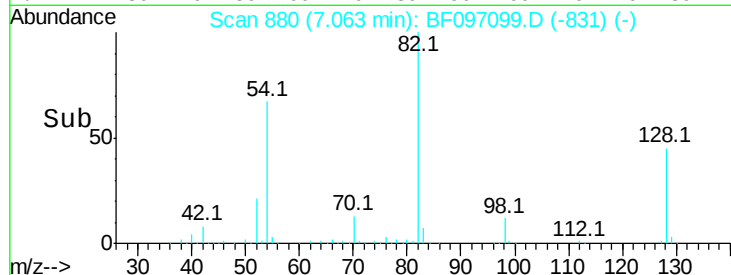
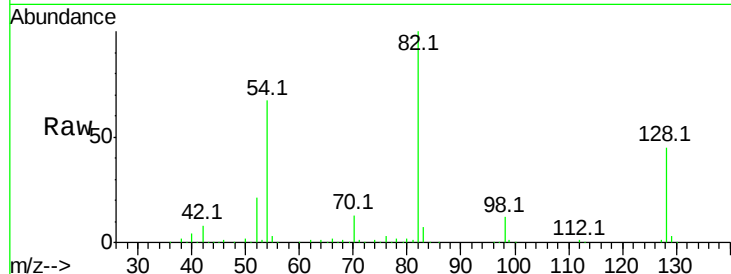




#23
 Nitrobenzene-d5
 Concen: 62.294 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

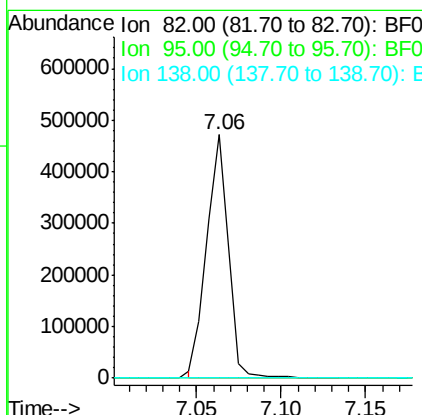
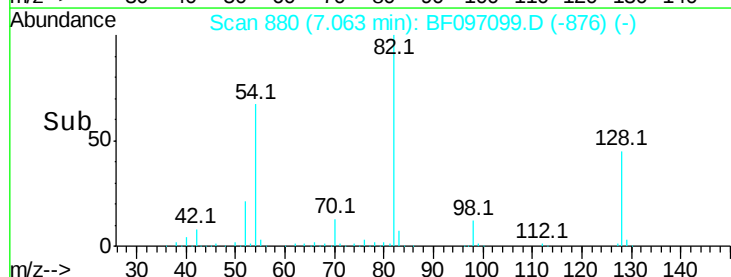
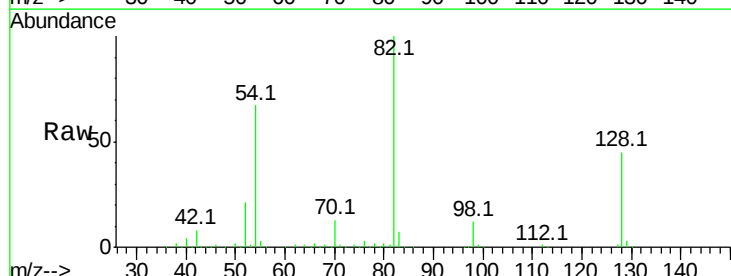
Instrument :
 BNA_F
 ClientSampleId :

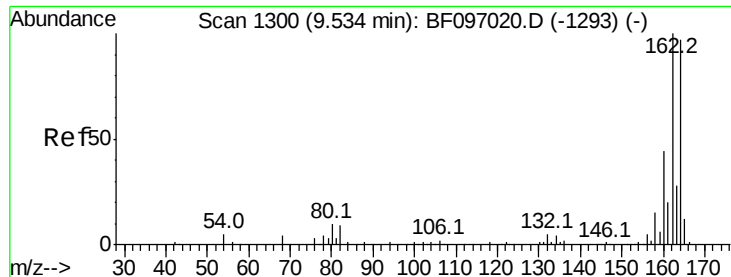
Tot Ion	82	Resp	433255
Ion Ratio	Lower	Upper	
82	100		
128	44.9	34.0	51.0
54	66.5	42.2	63.2#



#25
 Isophorone
 Concen: 31.182 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

Tgt Ion	82	Resp	424717
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

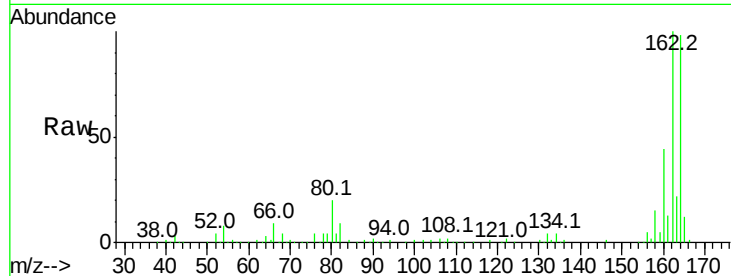




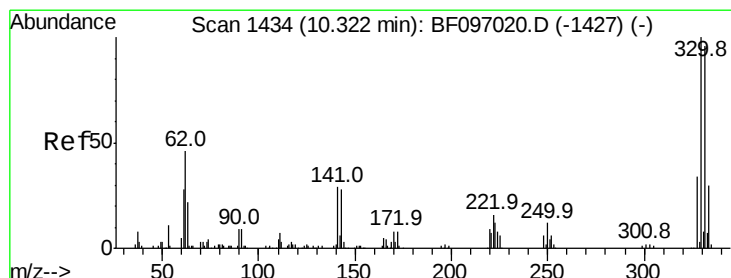
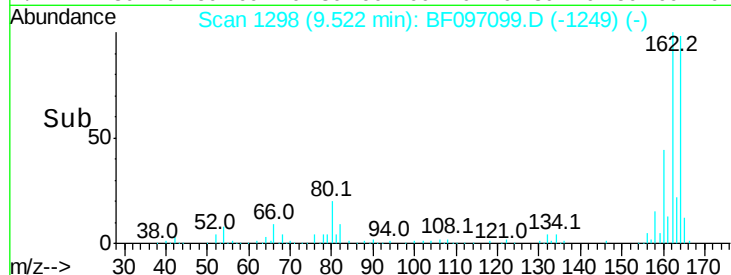
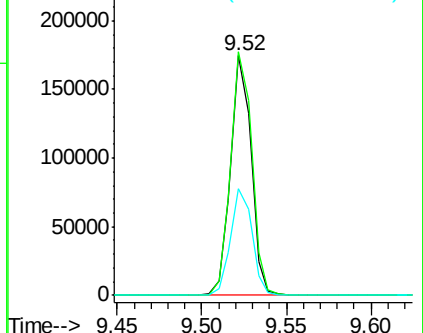
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097099.D
Acq: 27 Jul 2017 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 147346
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 44.4 36.2 54.2

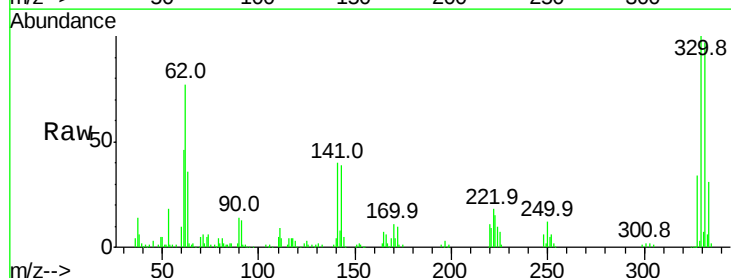


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

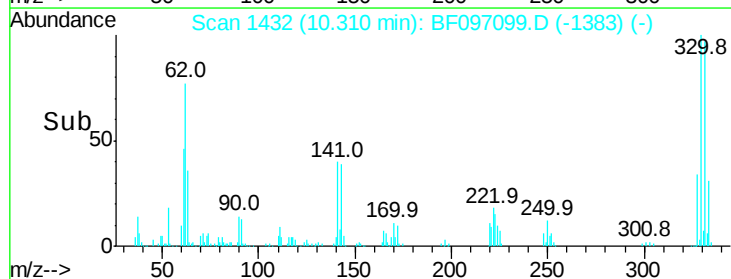
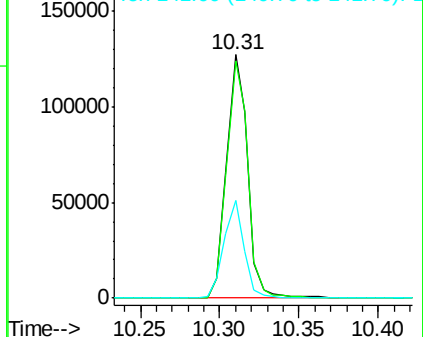


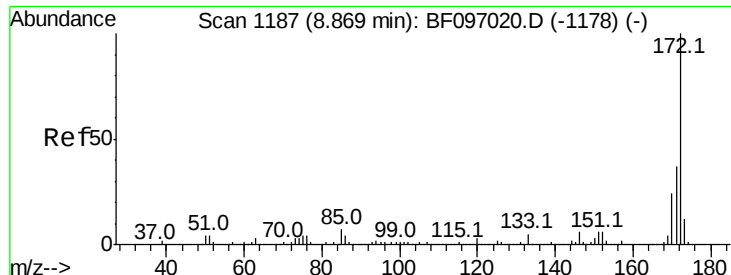
#41
2,4,6-Tribromophenol
Concen: 99.981 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097099.D
Acq: 27 Jul 2017 2:20

Tgt Ion:330 Resp: 116396
Ion Ratio Lower Upper
330 100
332 99.0 76.6 115.0
141 38.7 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

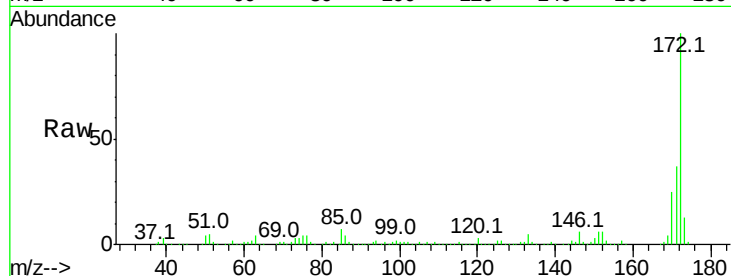




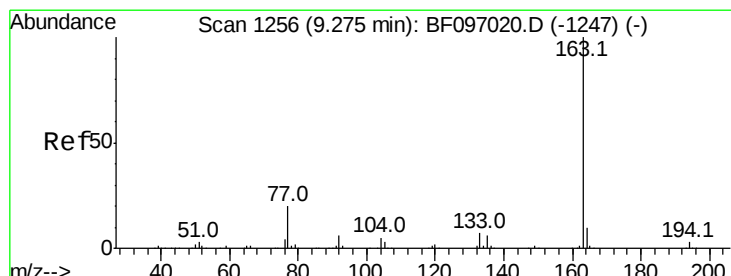
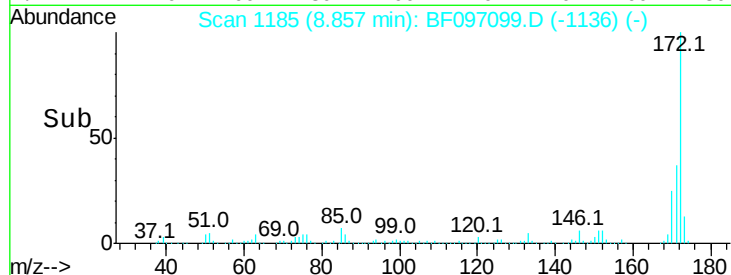
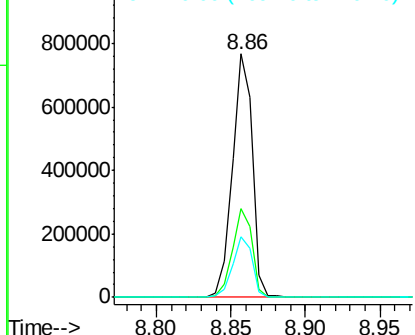
#44
 2-Fluorobiphenyl
 Concen: 83.526 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.7	19.8	29.8

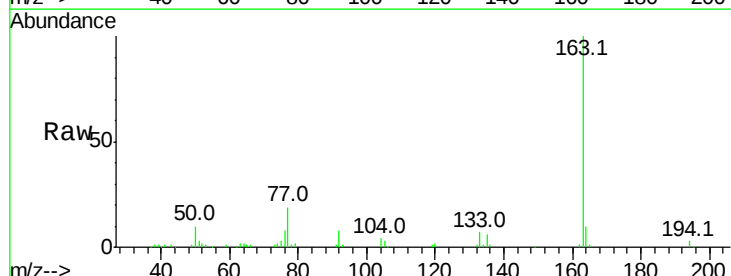


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

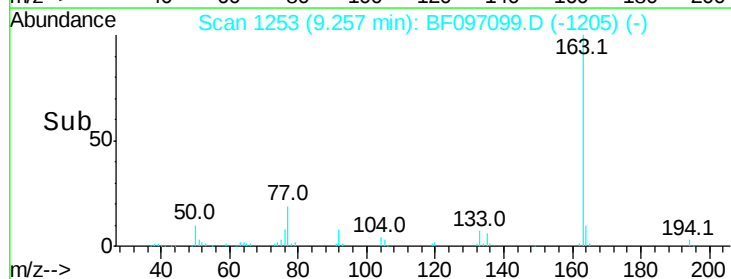
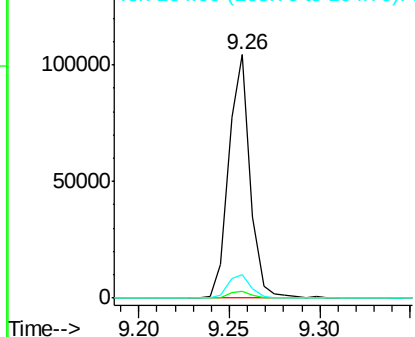


#49
 Dimethylphthalate
 Concen: 7.618 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	9.9	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

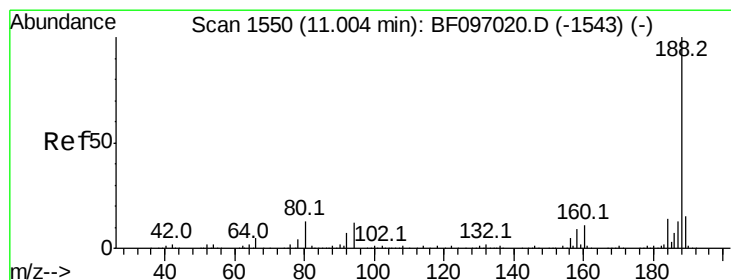
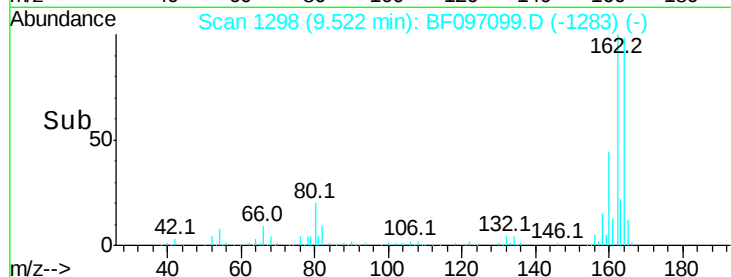
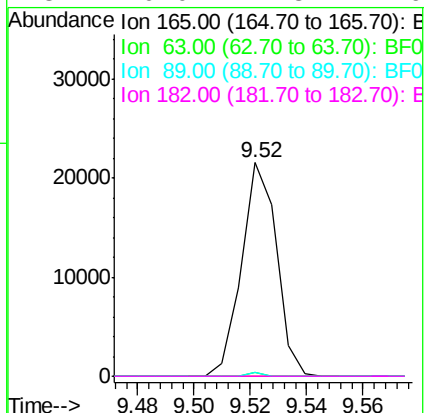
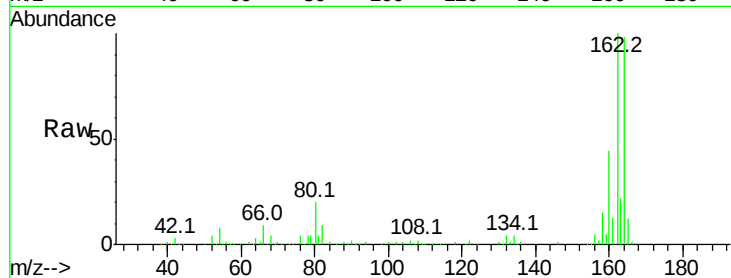




#56
 2,4-Dinitrotoluene
 Concen: 6.809 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

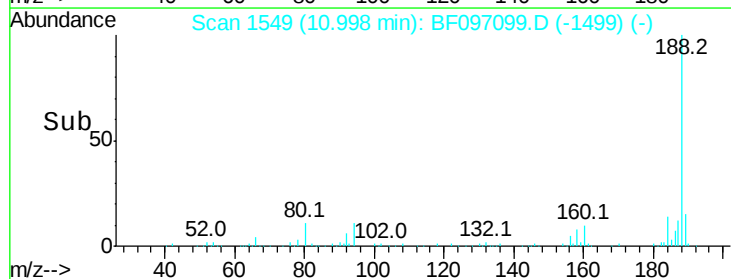
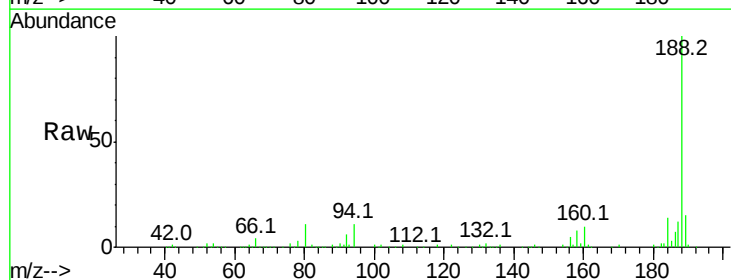
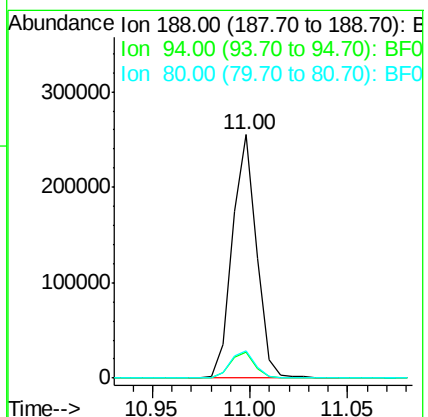
Instrument :
 BNA_F
 ClientSampleId :

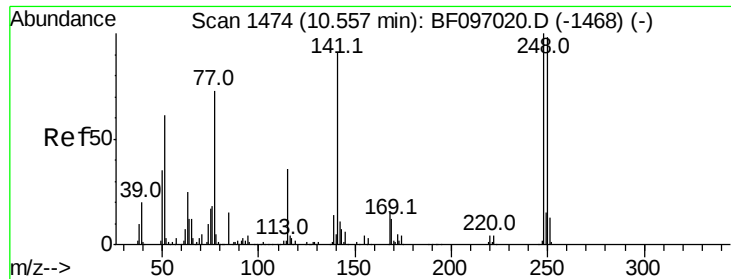
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097099.D
 Acq: 27 Jul 2017 2:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.1	10.2	15.2

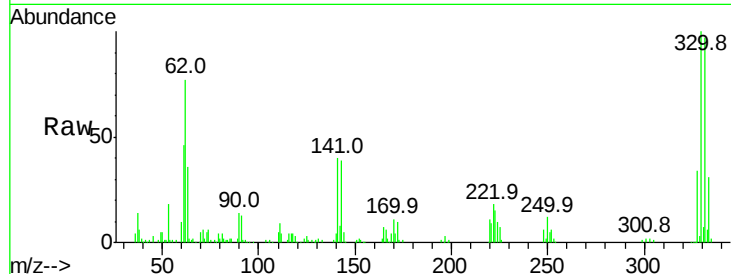




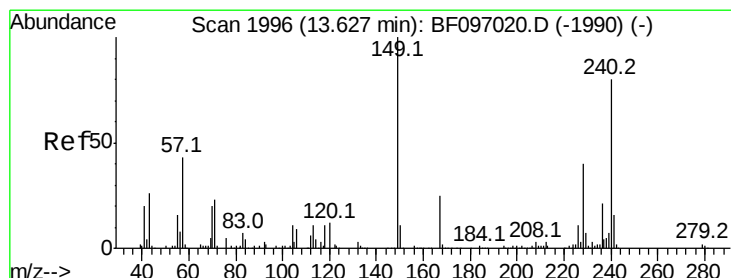
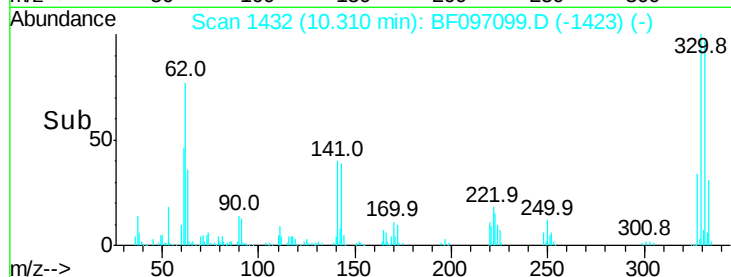
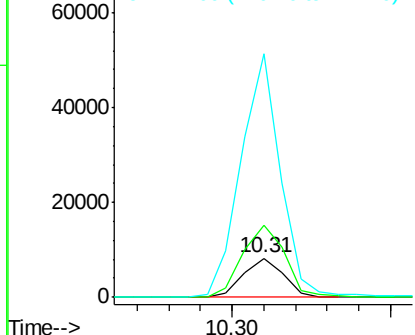
#66
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097099.D
Acq: 27 Jul 2017 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7270
Ion Ratio Lower Upper
248 100
250 184.2 76.8 115.2#
141 623.4 68.6 103.0#

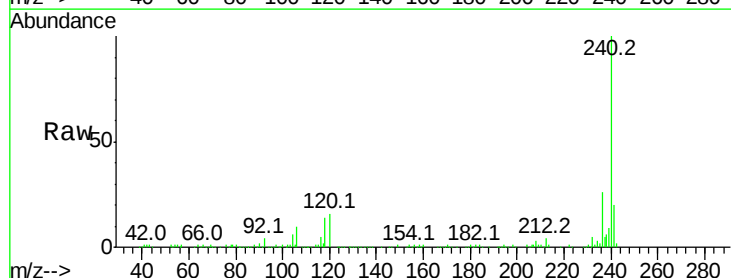


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

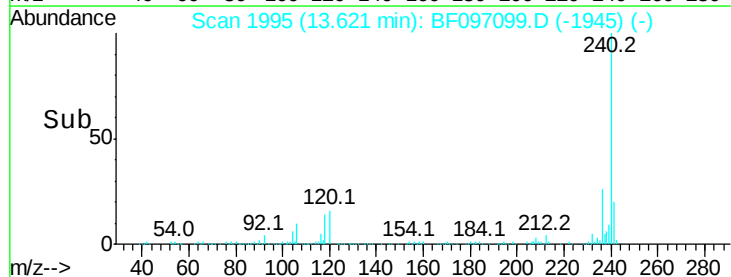
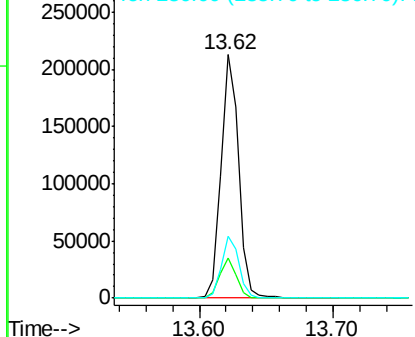


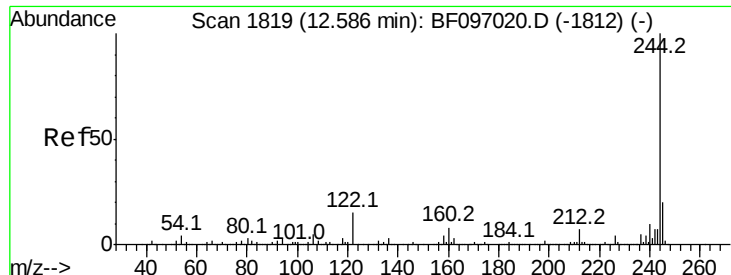
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097099.D
Acq: 27 Jul 2017 2:20

Tgt Ion:240 Resp: 198521
Ion Ratio Lower Upper
240 100
120 16.5 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: 49.325 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097099.D

Acq: 27 Jul 2017 2:20

Instrument :

BNA_F

ClientSampleId :

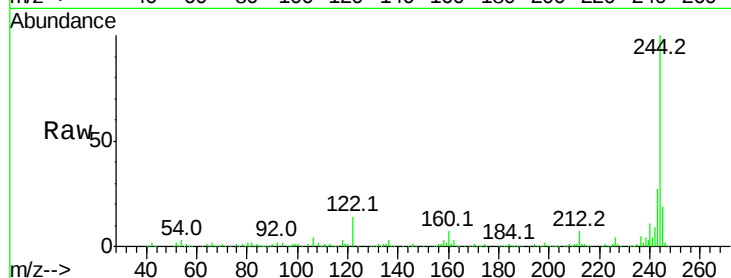
Tot Ion:244 Resp: 480270

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 14.1 10.3 15.5

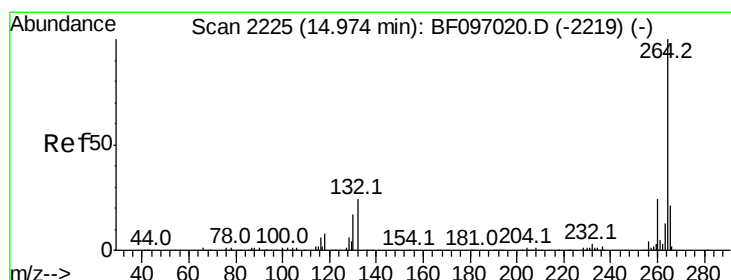
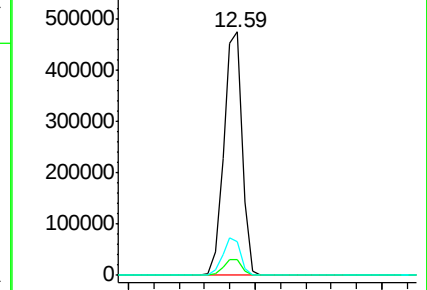
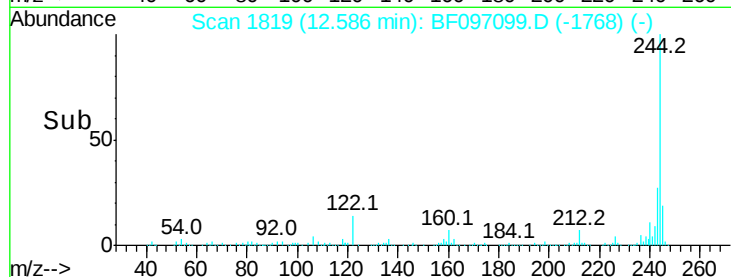


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.59



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097099.D

Acq: 27 Jul 2017 2:20

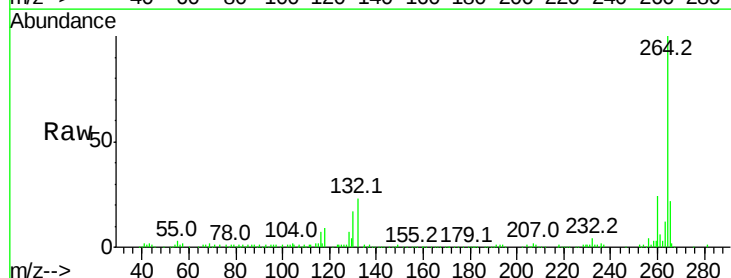
Tgt Ion:264 Resp: 144001

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.2 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

14.97

