

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096707.D
 Acq On : 12 Jul 2017 22:27
 Operator : SJ/JU
 Sample : I4127-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:07:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

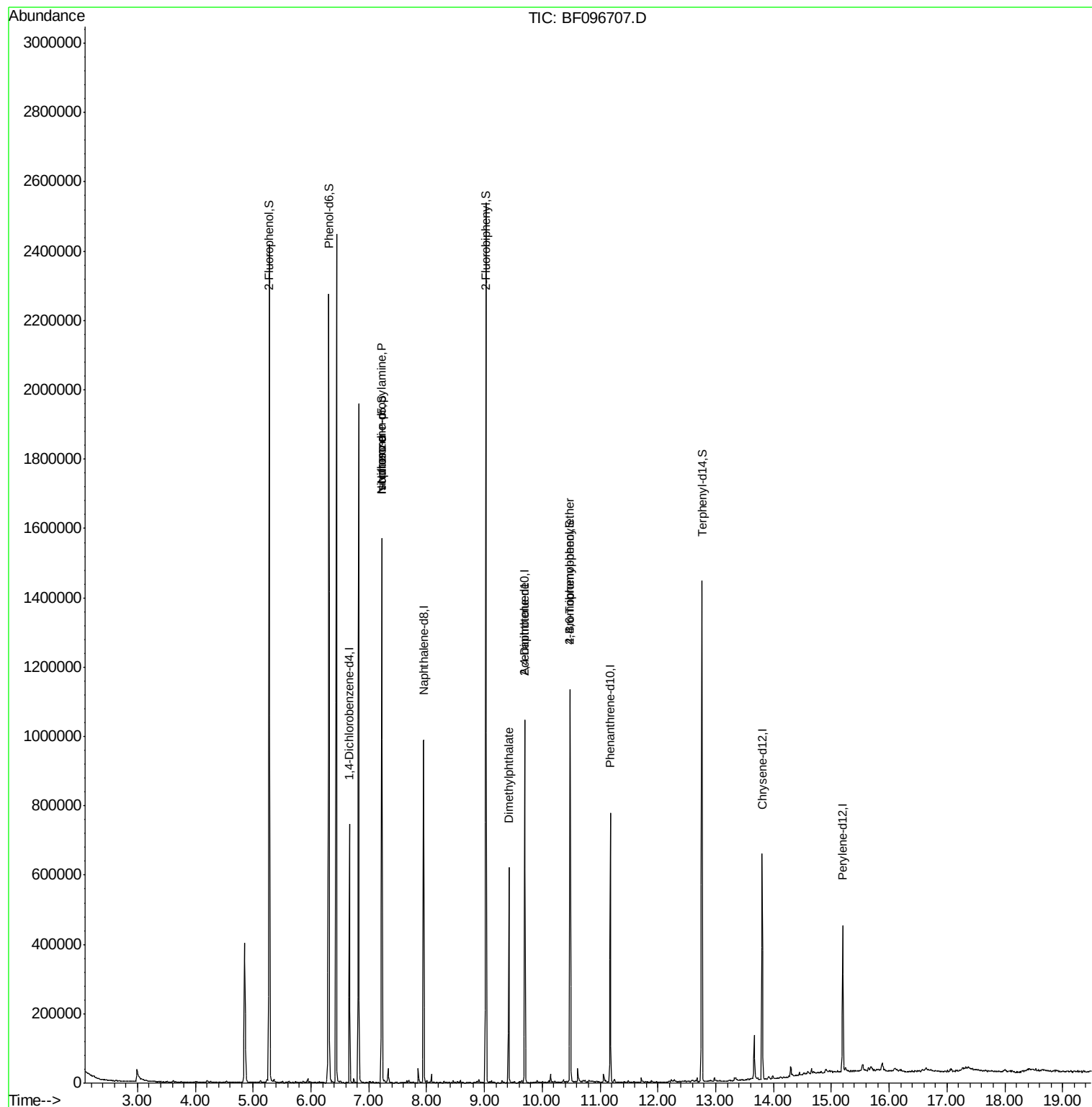
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116232	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	480036	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	190097	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	264150	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	200219	20.00	ng	-0.04
86) Perylene-d12	15.20	264	173244	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	673295	85.50	ng	-0.03
7) Phenol-d6	6.31	99	832594	86.00	ng	-0.04
23) Nitrobenzene-d5	7.23	82	481002	60.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	131740	88.72	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	784376	70.55	ng	-0.04
78) Terphenyl-d14	12.76	244	447960	47.81	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	64011	11.10	ng	# 86
25) Isophorone	7.23	82	463046	29.90	ng	# 67
49) Dimethylphthalate	9.42	163	239754	16.89	ng	99
56) 2,4-Dinitrotoluene	9.70	165	23456	5.90	ng	# 33
66) 4-Bromophenyl-phenylether	10.48	248	8759	3.41	ng	# 1

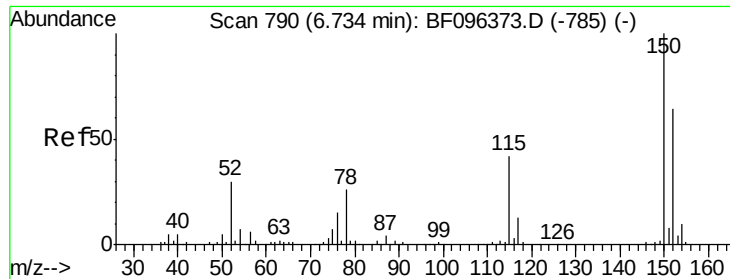
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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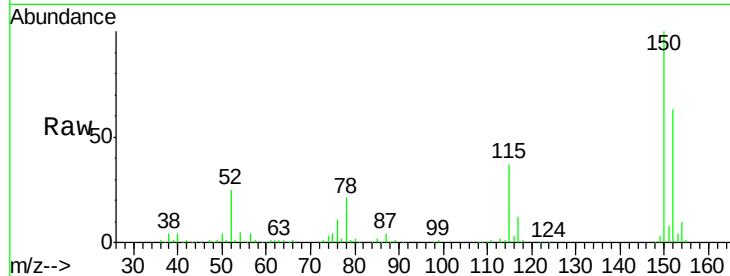


#1

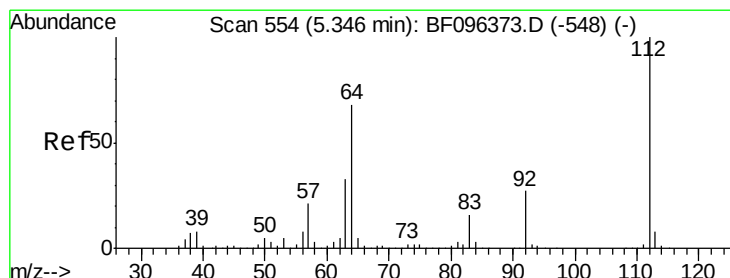
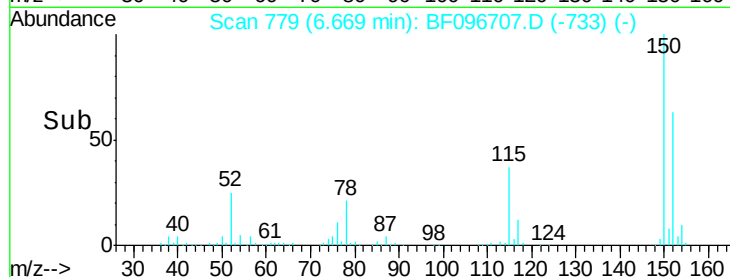
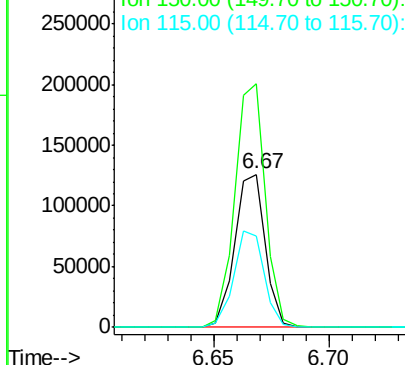
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096707.D
Acq: 12 Jul 2017 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116232
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 59.5 52.2 78.2



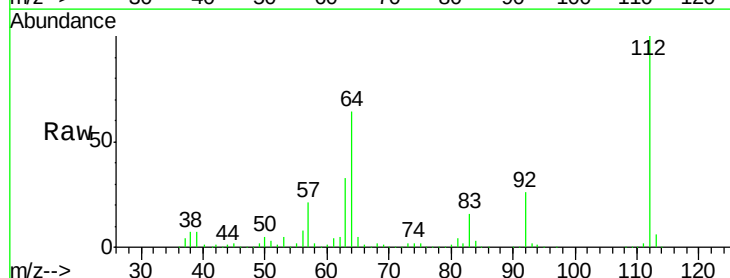
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



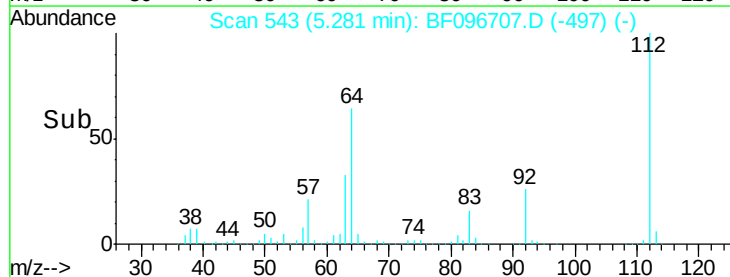
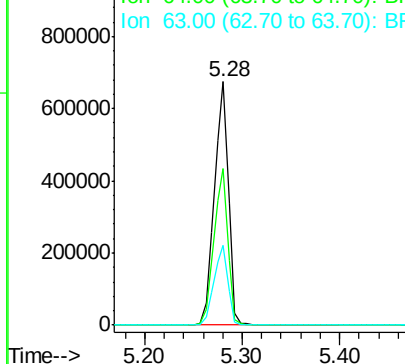
#5

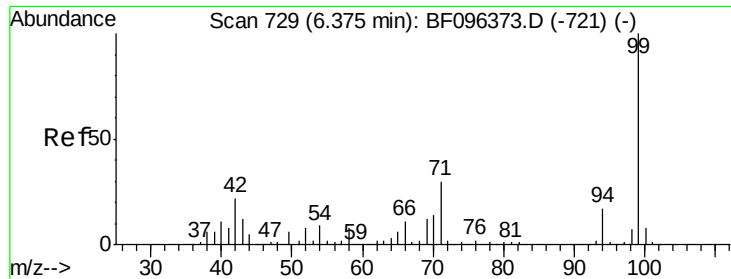
2-Fluorophenol
Concen: 85.50 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF096707.D
Acq: 12 Jul 2017 22:27

Tgt Ion:112 Resp: 673295
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 32.7 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: 86.00 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

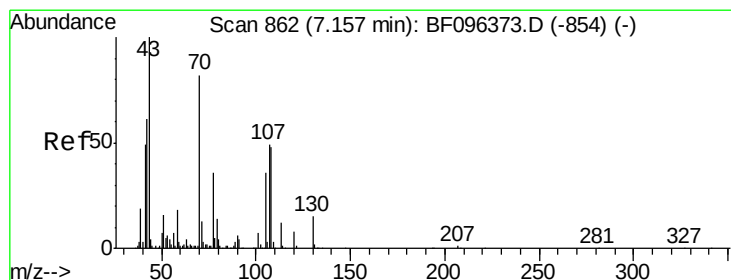
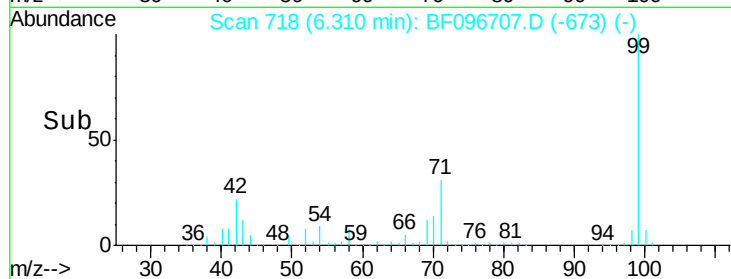
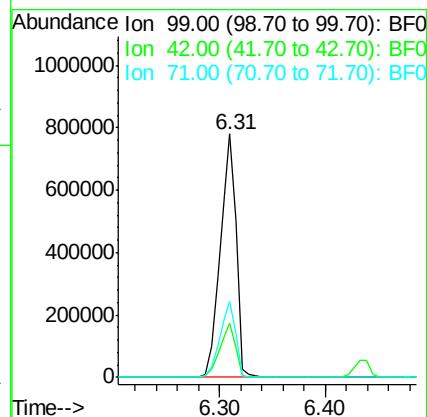
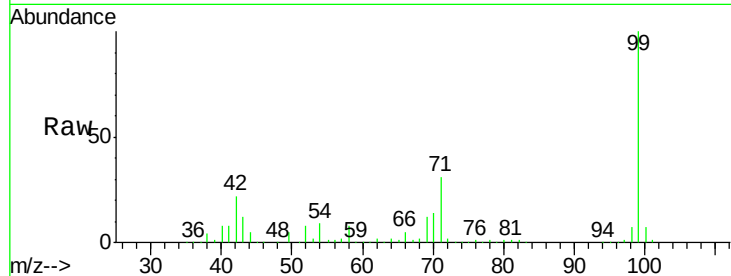
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 832594

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.4	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.10 ng

RT: 7.23 min Scan# 874

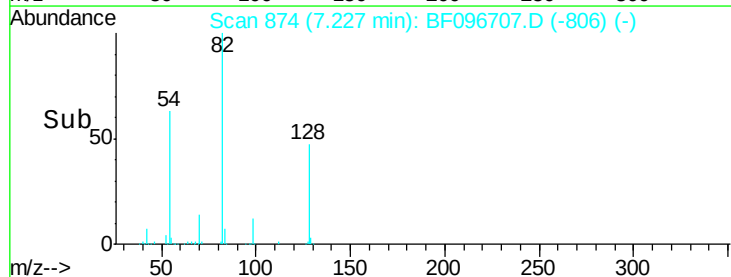
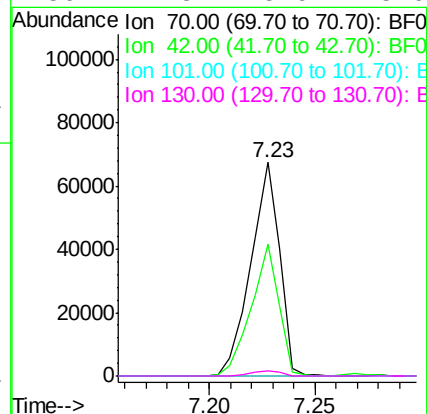
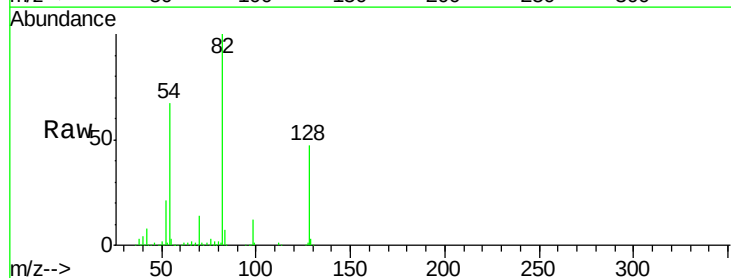
Delta R.T. 0.10 min

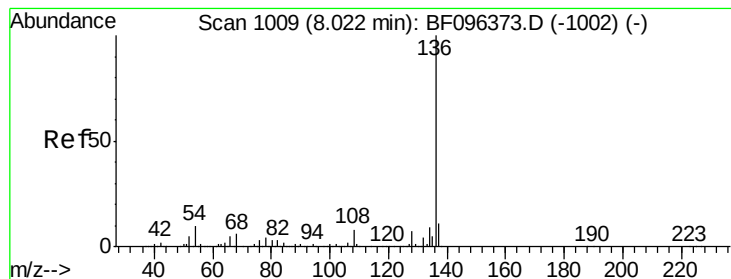
Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

Tgt Ion: 70 Resp: 64011

Ion	Ratio	Lower	Upper
70	100		
42	61.7	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: 7.95 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096707.D

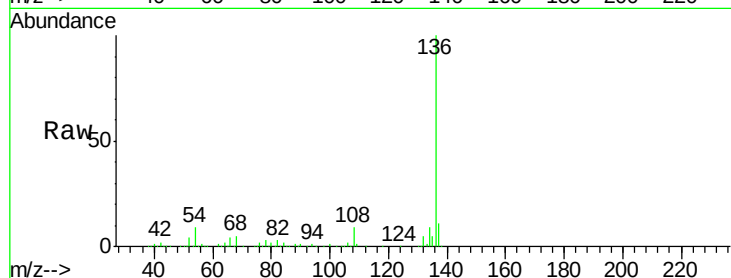
Acq: 12 Jul 2017 22:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	480036
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	8.6	4.9 7.3#
68	4.5	4.1 6.1

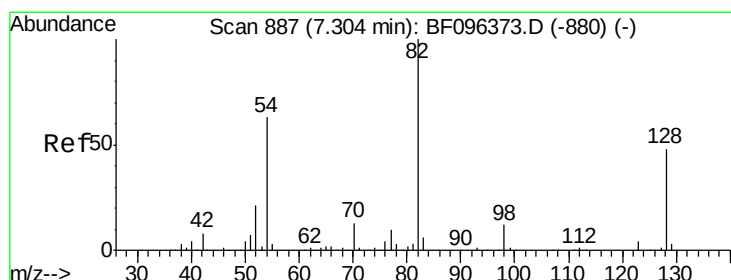
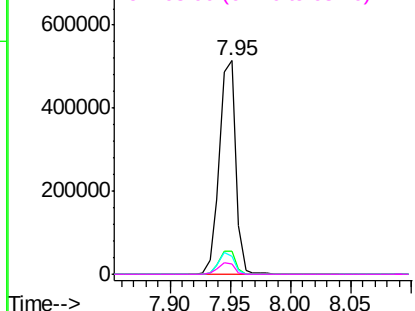
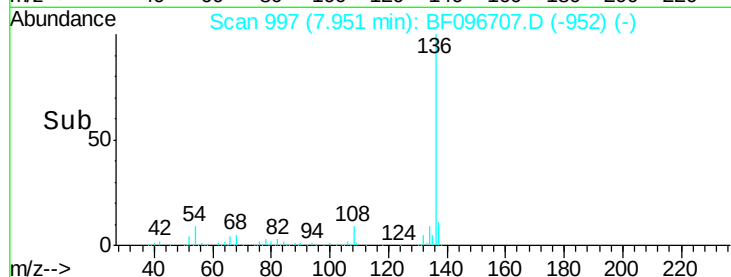


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 60.21 ng

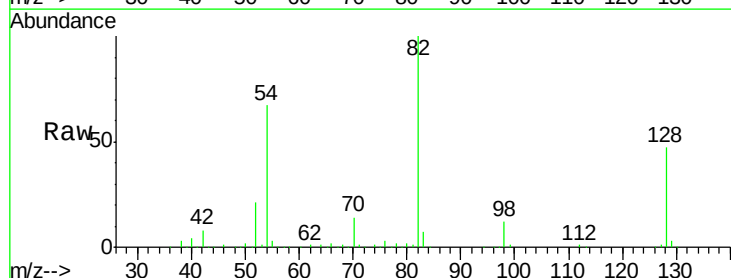
RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

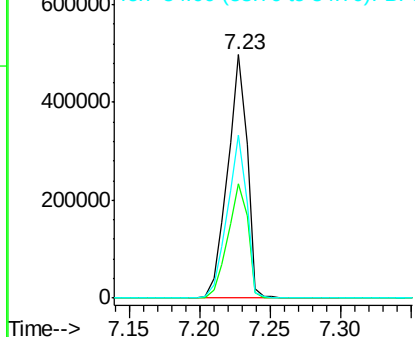
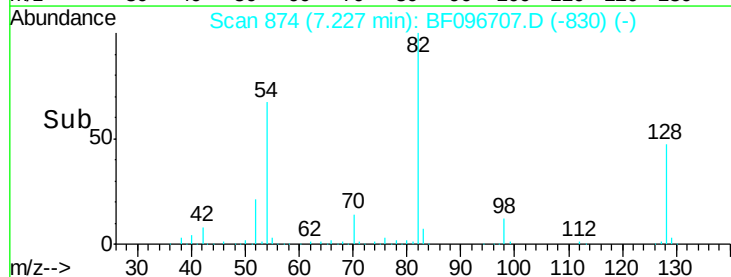
Tgt Ion: 82	Resp:	481002
Ion Ratio	Lower	Upper
82	100	
128	47.0	34.0 51.0
54	67.2	42.2 63.2#

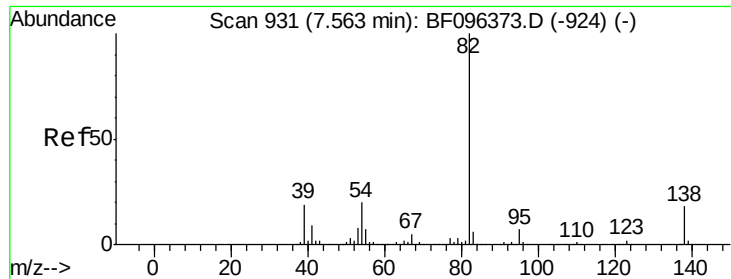


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.90 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.30 min

Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

Instrument :

BNA_F

ClientSampled :

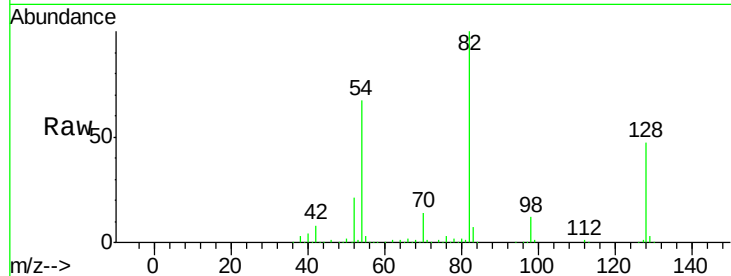
Tot Ion: 82 Resp: 463046

Ion Ratio Lower Upper

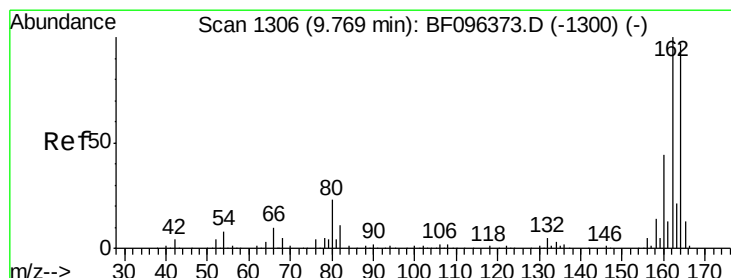
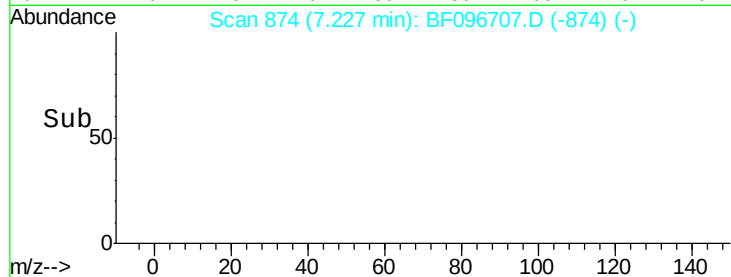
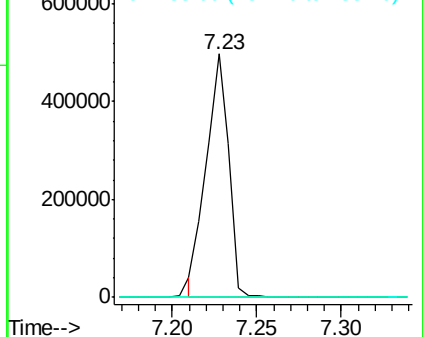
82 100

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: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

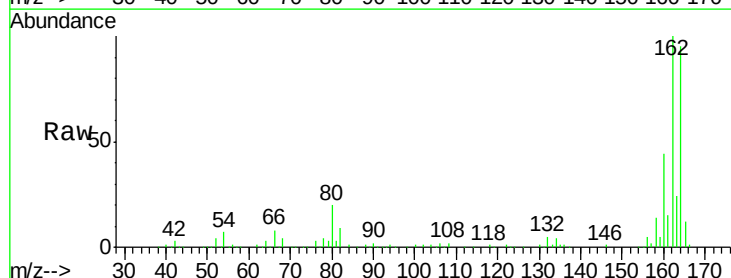
Tgt Ion: 164 Resp: 190097

Ion Ratio Lower Upper

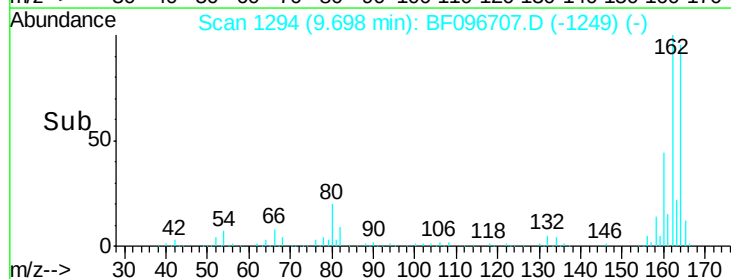
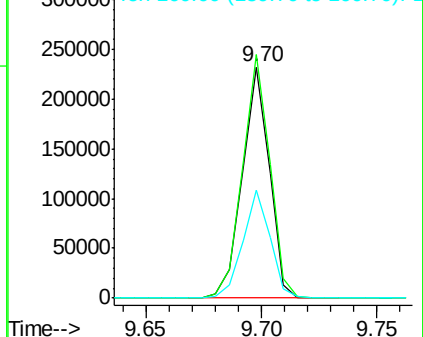
164 100

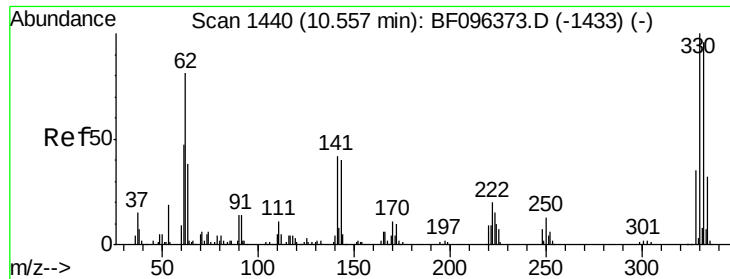
162 105.2 82.6 123.8

160 46.5 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

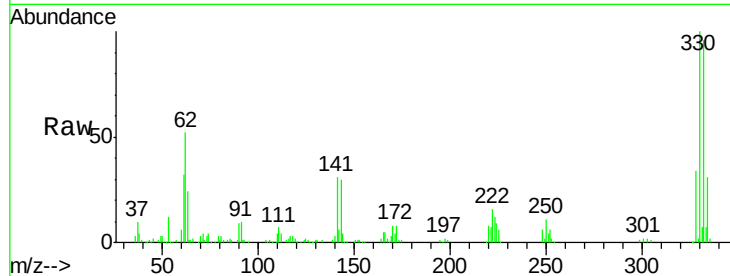




#41
 2,4,6-Tribromophenol
 Concen: 88.72 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096707.D
 Acq: 12 Jul 2017 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	37.6	31.4	47.2

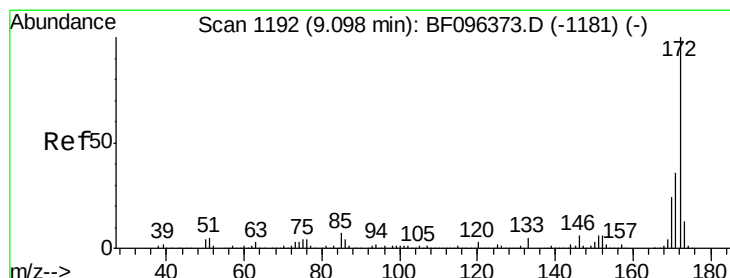
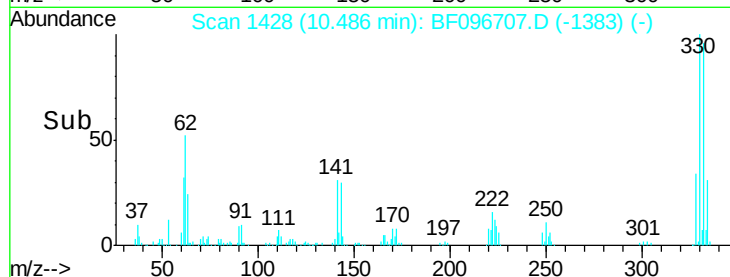
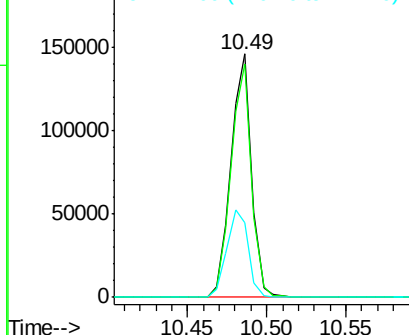


Abundance

Ion 329.80 (329.50 to 330.50): E

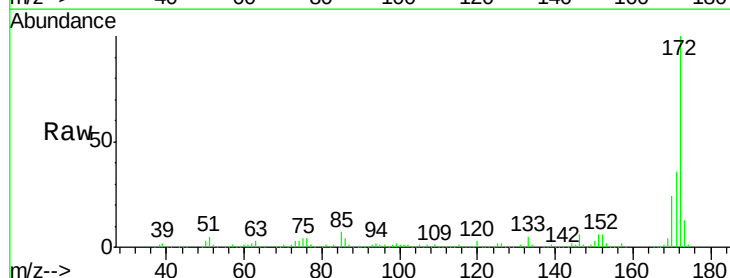
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.55 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096707.D
 Acq: 12 Jul 2017 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8

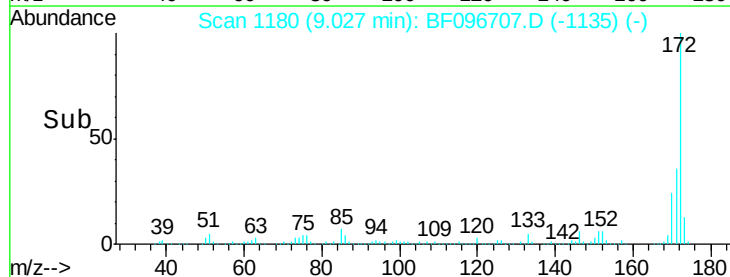
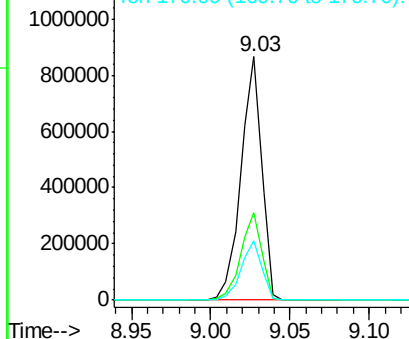


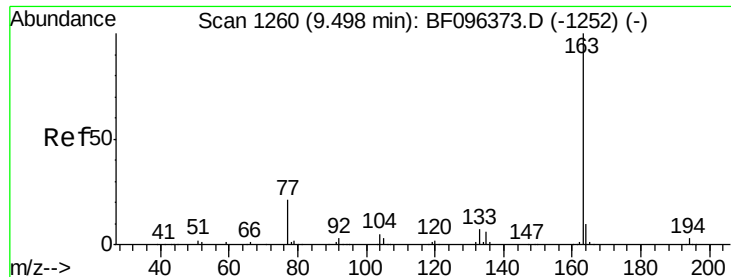
Abundance

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

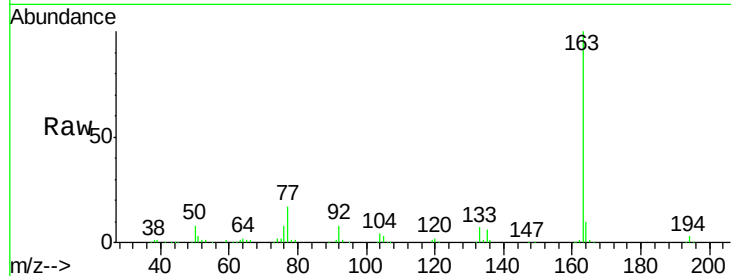




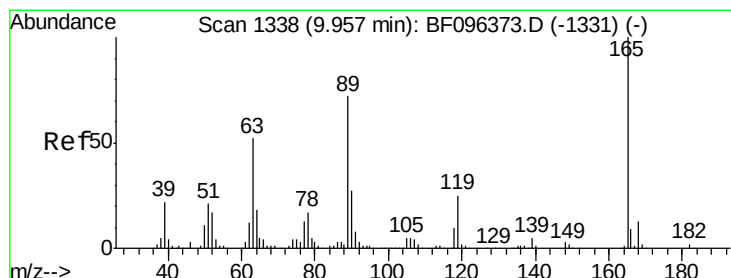
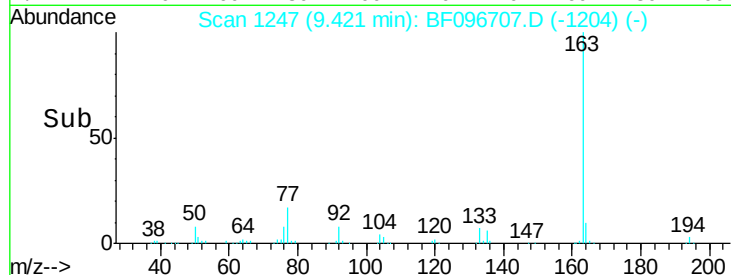
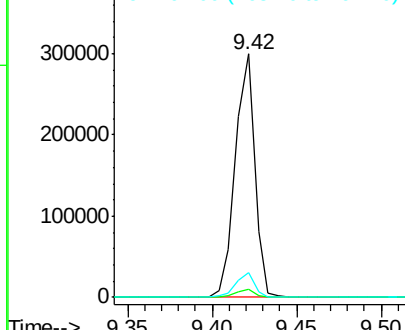
#49
Dimethylphthalate
Concen: 16.89 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096707.D
Acq: 12 Jul 2017 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6

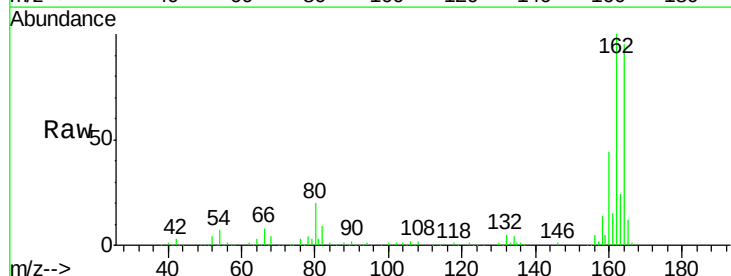


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

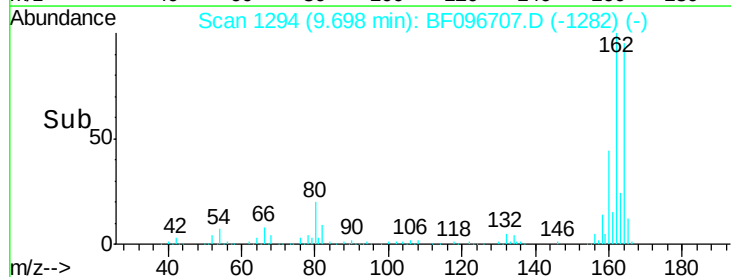
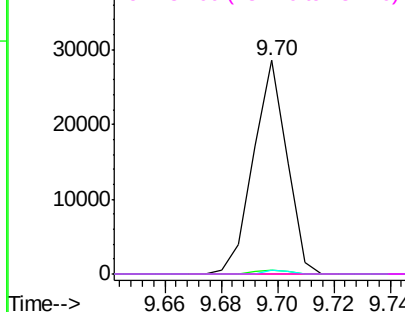


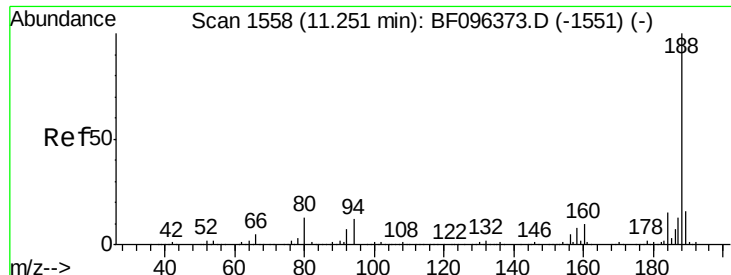
#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096707.D
Acq: 12 Jul 2017 22:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.6	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

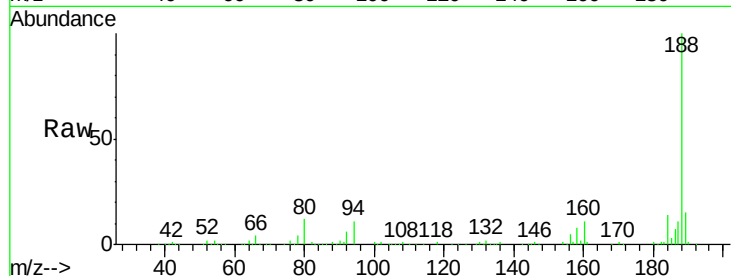




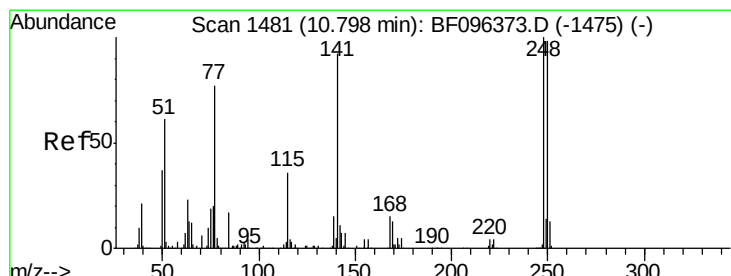
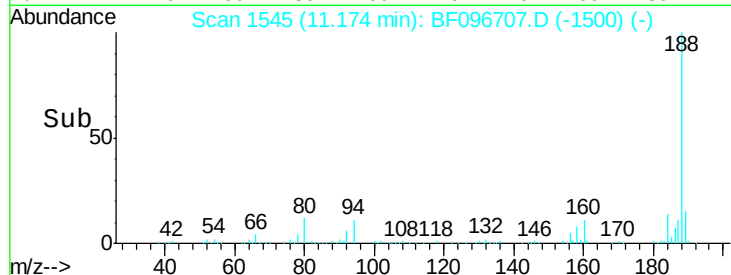
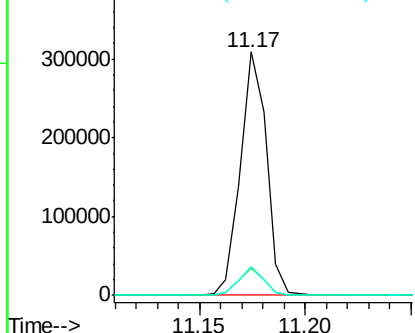
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096707.D
Acq: 12 Jul 2017 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 264150
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.6 10.2 15.2

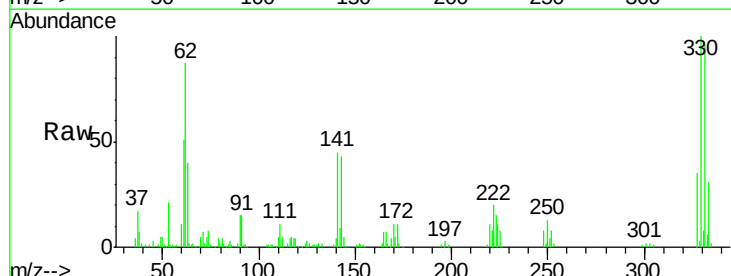


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

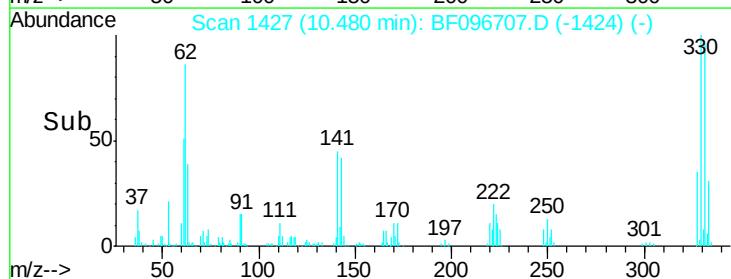
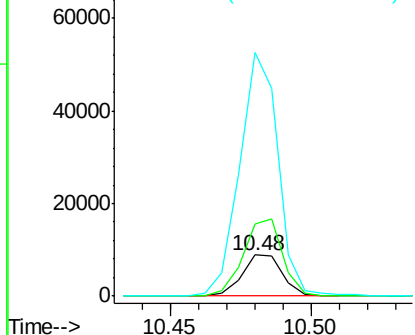


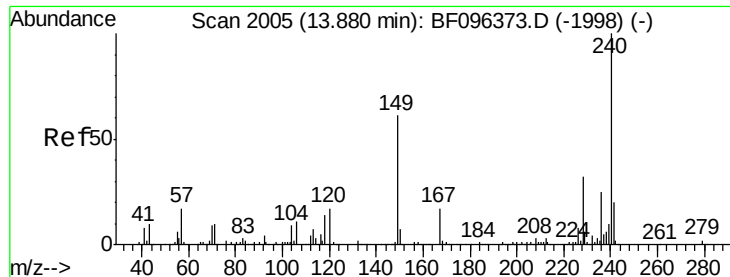
#66
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.28 min
Lab File: BF096707.D
Acq: 12 Jul 2017 22:27

Tgt Ion:248 Resp: 8759
Ion Ratio Lower Upper
248 100
250 174.8 76.8 115.2#
141 594.8 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: 13.80 min Scan# 1992

Delta R.T. -0.04 min

Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

Instrument :

BNA_F

ClientSampleId :

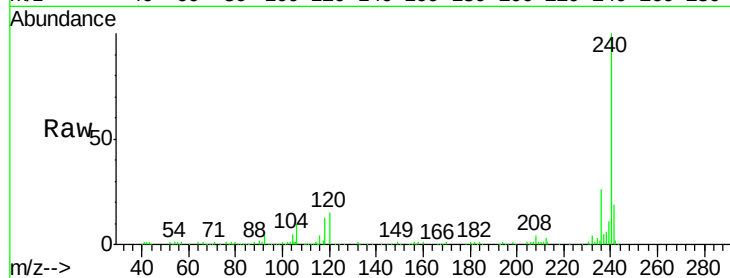
Tot Ion:240 Resp: 200219

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

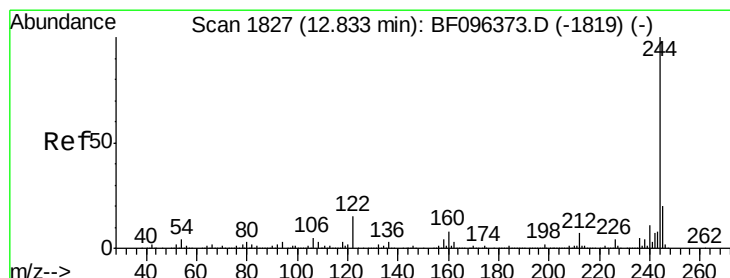
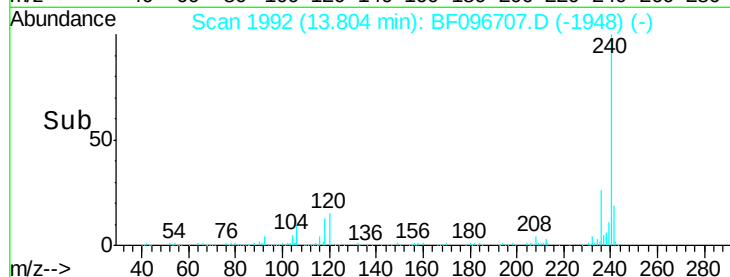
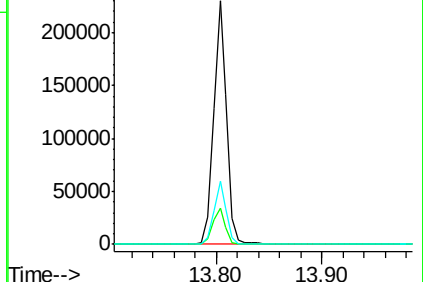
236 26.1 20.5 30.7



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: 47.81 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096707.D

Acq: 12 Jul 2017 22:27

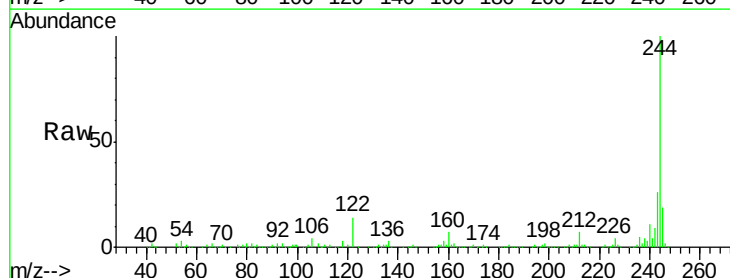
Tgt Ion:244 Resp: 447960

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

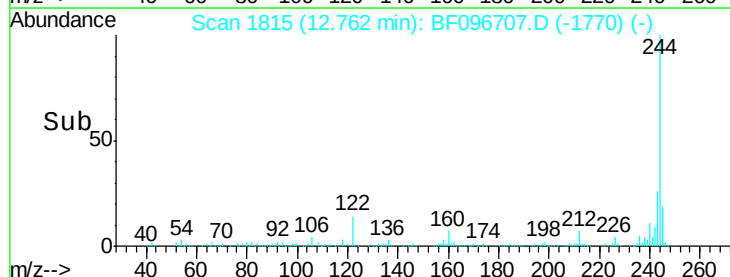
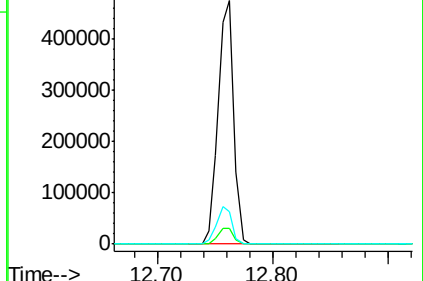
122 13.5 10.3 15.5

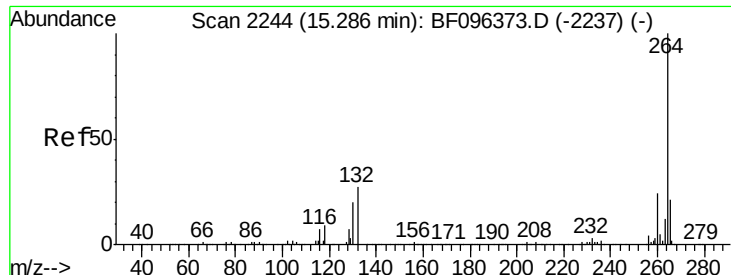


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

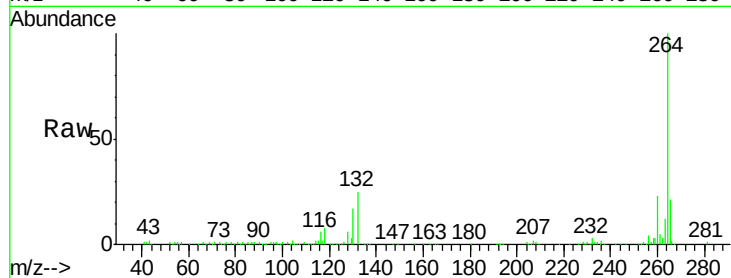




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.05 min
 Lab File: BF096707.D
 Acq: 12 Jul 2017 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	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

