

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096618.D
 Acq On : 10 Jul 2017 23:11
 Operator : SJ/JU
 Sample : I4095-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:13:52 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

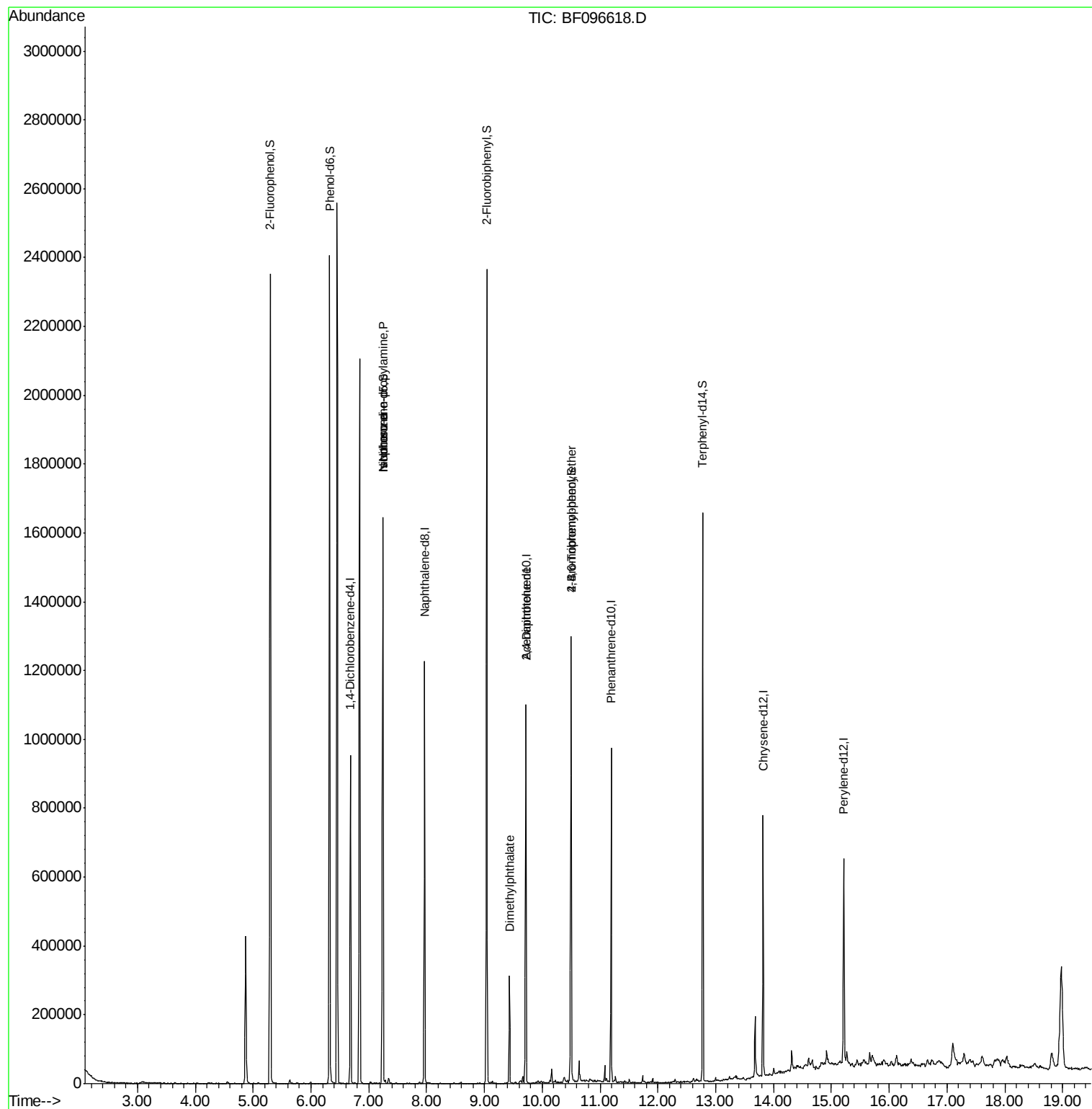
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	134823	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	552060	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	222707	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	325269	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	256817	20.00	ng	-0.02
86) Perylene-d12	15.22	264	261328	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	692675	75.83	ng	-0.01
7) Phenol-d6	6.32	99	864438	76.98	ng	-0.02
23) Nitrobenzene-d5	7.25	82	510279	55.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	142447	81.88	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	840803	64.55	ng	-0.02
78) Terphenyl-d14	12.77	244	495278	41.21	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	67719	10.12	ng	# 88
25) Isophorone	7.25	82	507253	28.48	ng	# 67
49) Dimethylphthalate	9.43	163	114482	6.89	ng	100
56) 2,4-Dinitrotoluene	9.72	165	28089	6.03	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	8567	2.71	ng	# 1

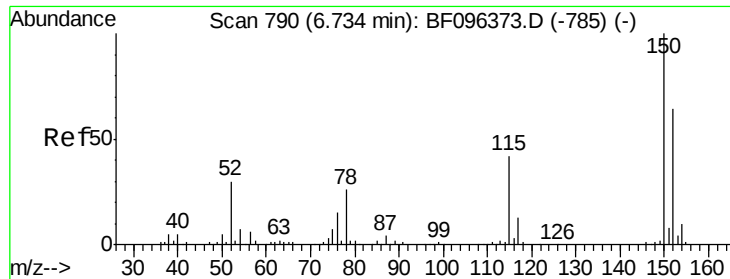
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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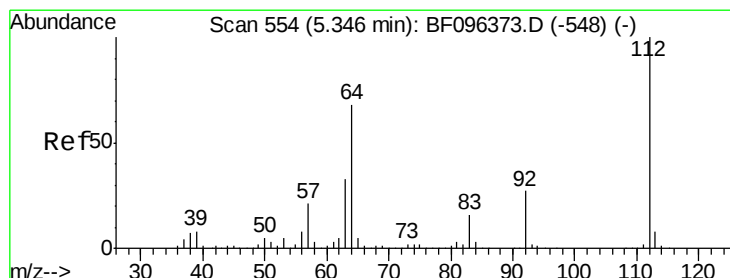
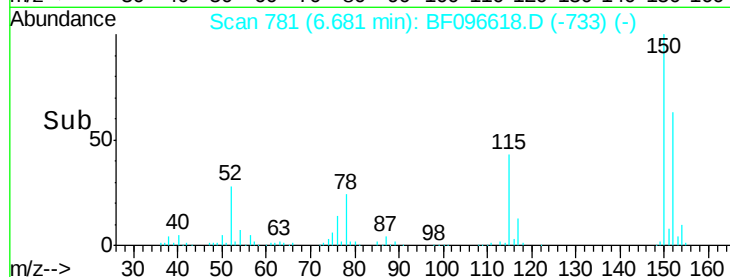
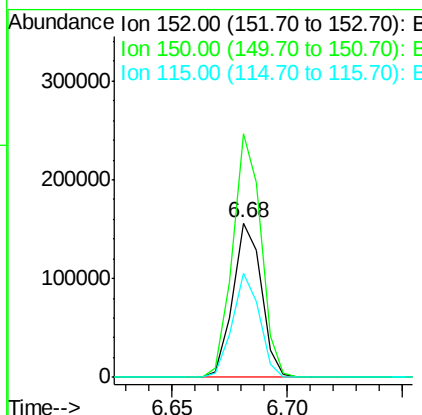
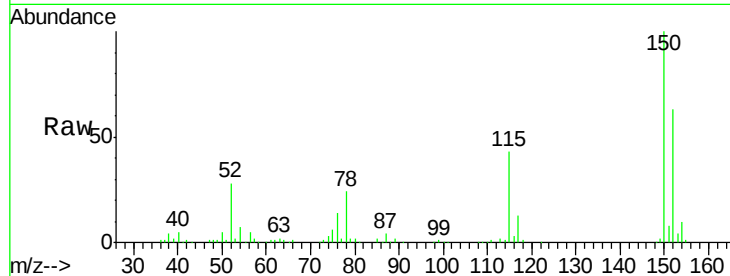


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :

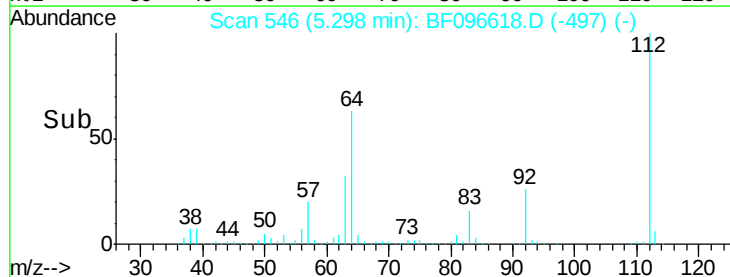
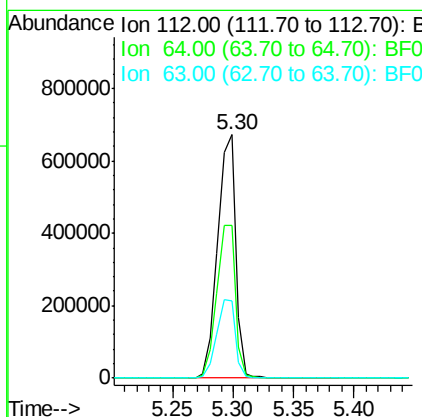
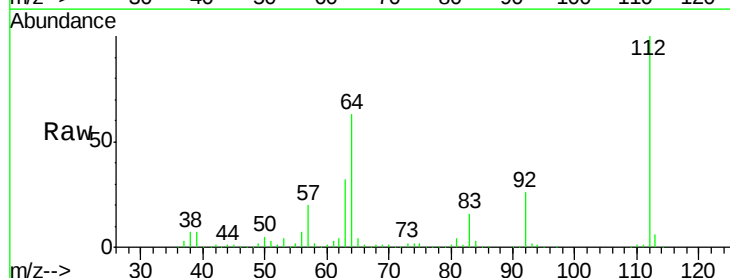
Tot Ion:152 Resp: 134823
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 67.4 52.2 78.2



#5

2-Fluorophenol
Concen: 75.83 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Tgt Ion:112 Resp: 692675
Ion Ratio Lower Upper
112 100
64 62.7 46.0 69.0
63 31.7 23.4 35.0





#7

Phenol-d6

Concen: 76.98 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Instrument :

BNA_F

ClientSampleId :

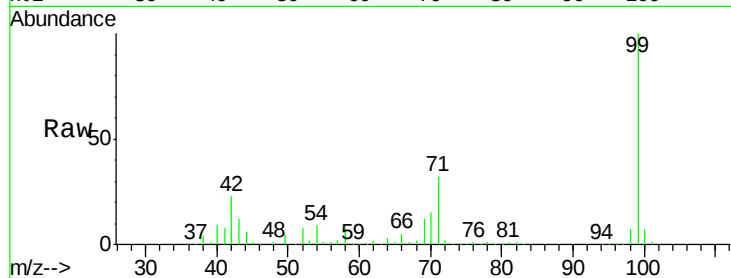
Tot Ion: 99 Resp: 864438

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

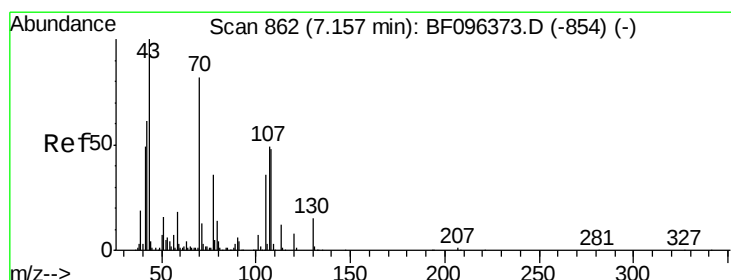
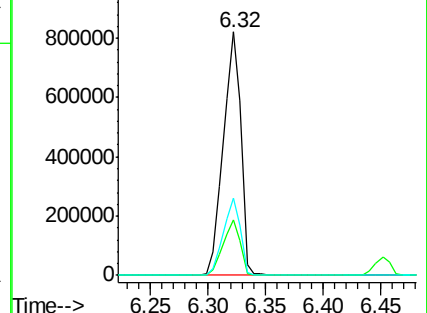
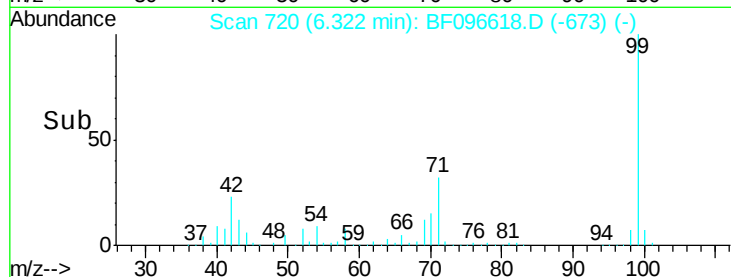
71 31.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.12 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Tgt Ion: 70 Resp: 67719

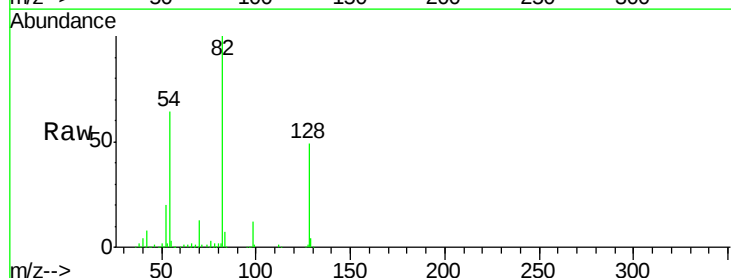
Ion Ratio Lower Upper

70 100

42 57.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

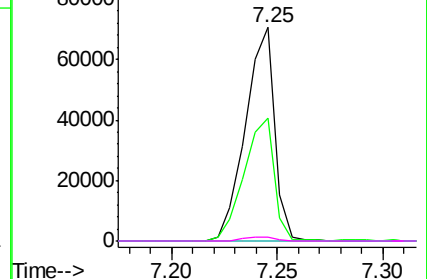
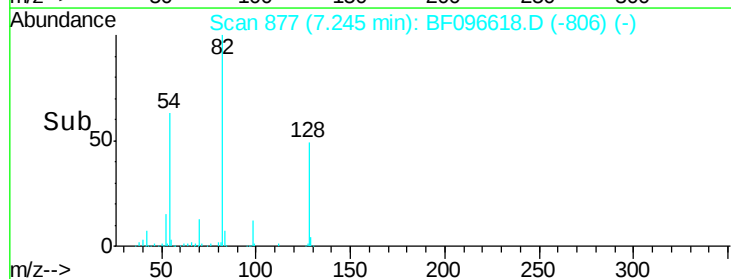


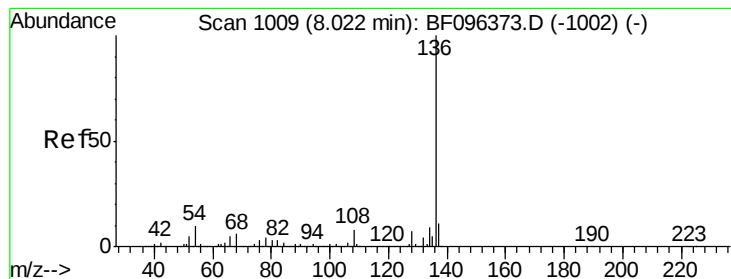
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096618.D

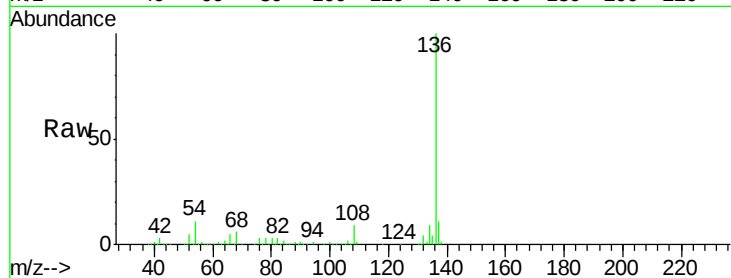
Acq: 10 Jul 2017 23:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	552060
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	10.5	4.9 7.3#
68	5.7	4.1 6.1

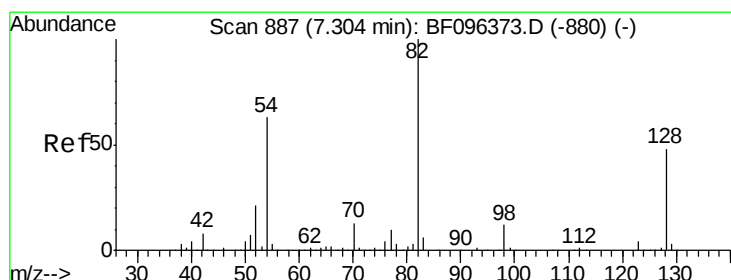
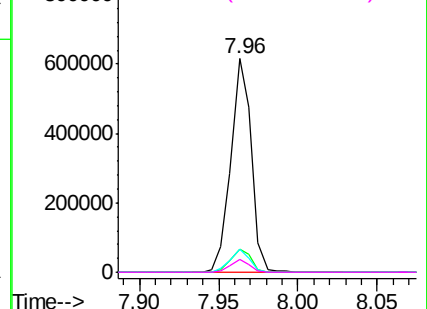
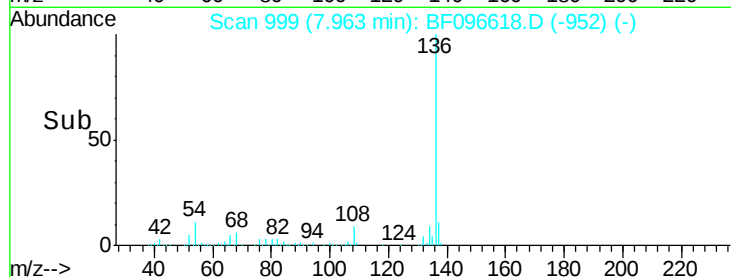


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.54 ng

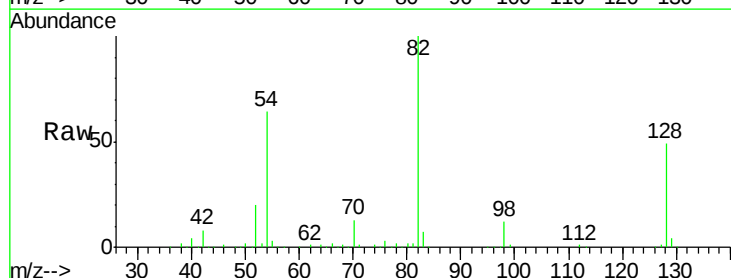
RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

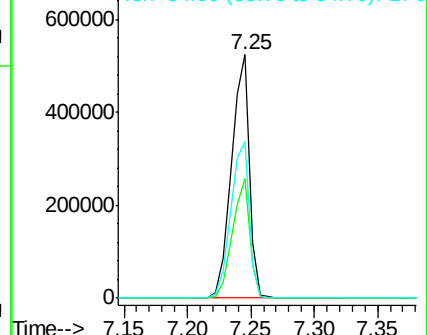
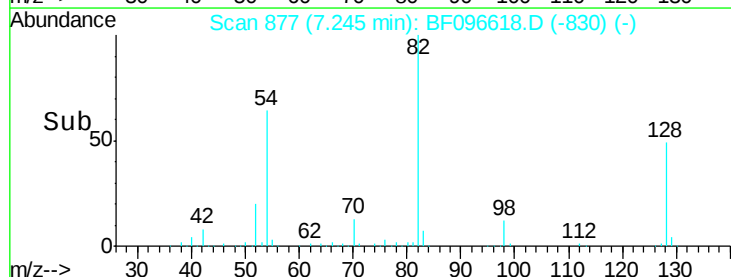
Tgt Ion: 82	Resp:	510279
Ion Ratio	Lower	Upper
82	100	
128	49.3	34.0 51.0
54	64.4	42.2 63.2#

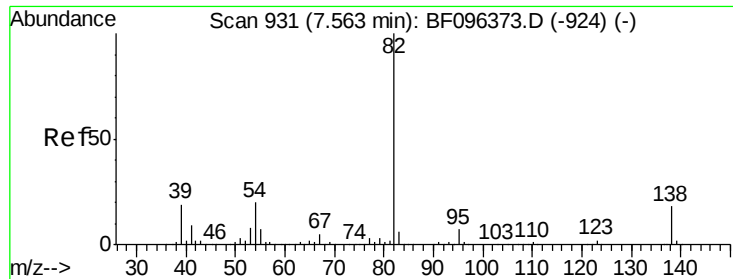


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

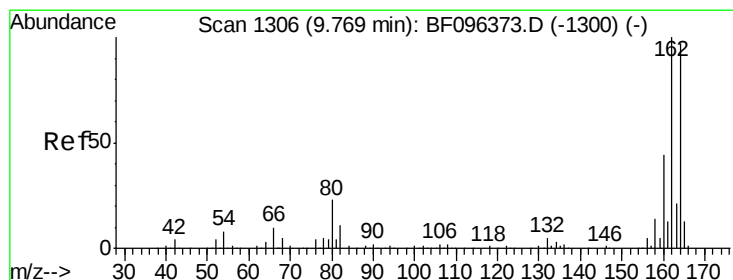
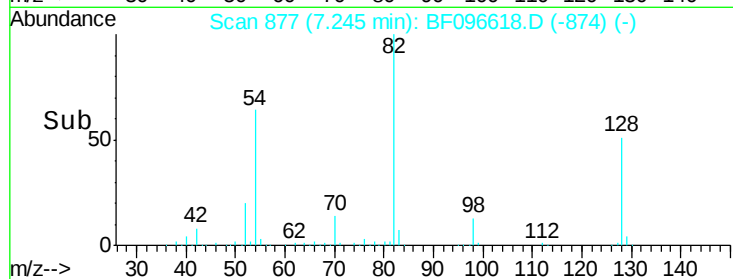
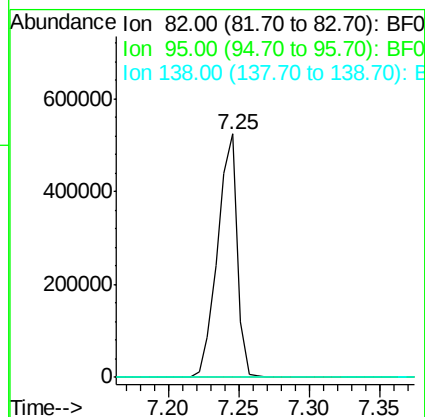
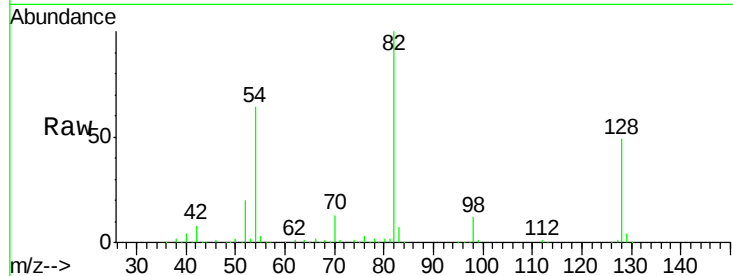




#25
Isophorone
Concen: 28.48 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

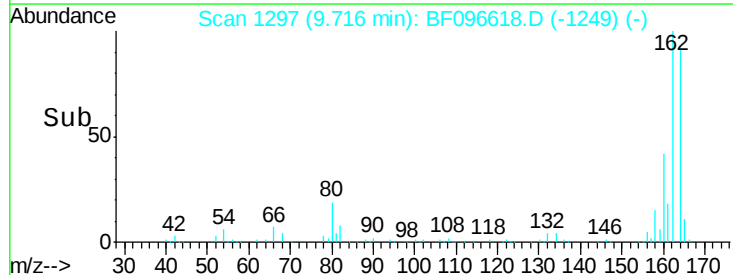
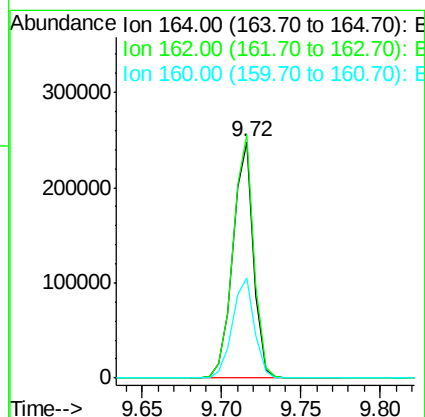
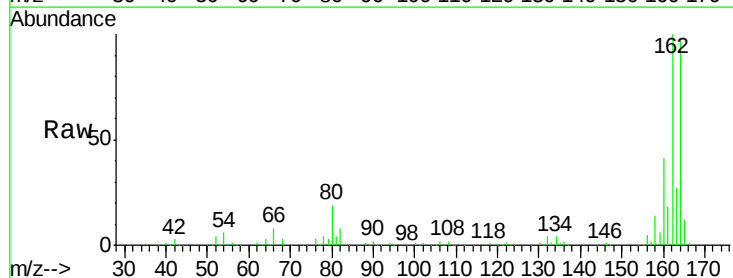
Instrument :
BNA_F
ClientSampleId :

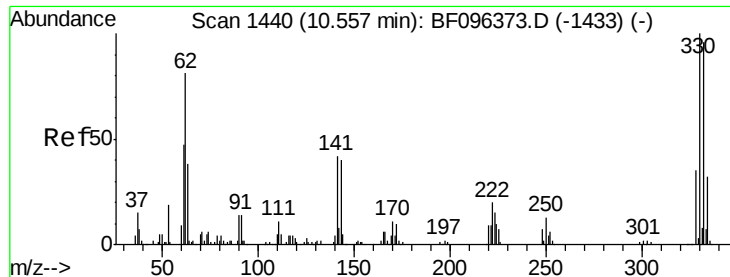
Tot Ion: 82 Resp: 507253
Ion Ratio Lower Upper
82 100
95 0.1 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Tgt Ion:164 Resp: 222707
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 42.6 36.2 54.2

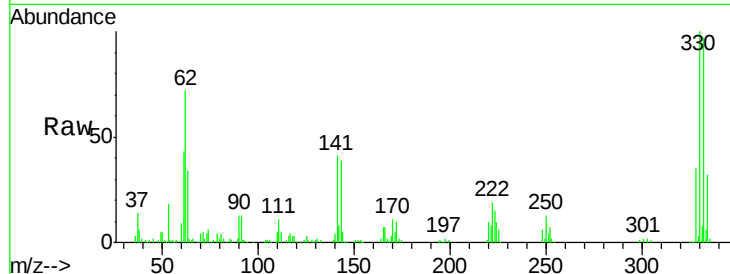




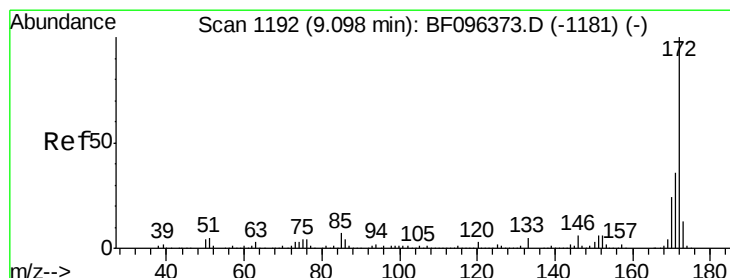
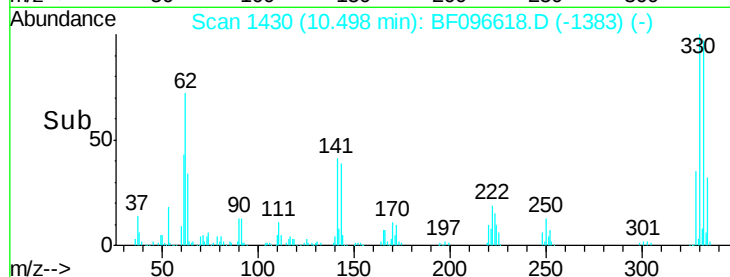
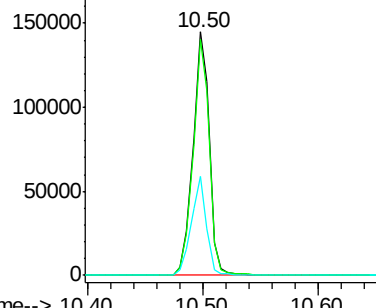
#41
 2,4,6-Tribromophenol
 Concen: 81.88 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096618.D
 Acq: 10 Jul 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	38.0	31.4	47.2

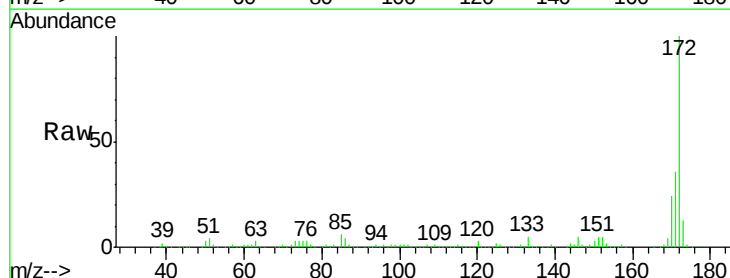


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

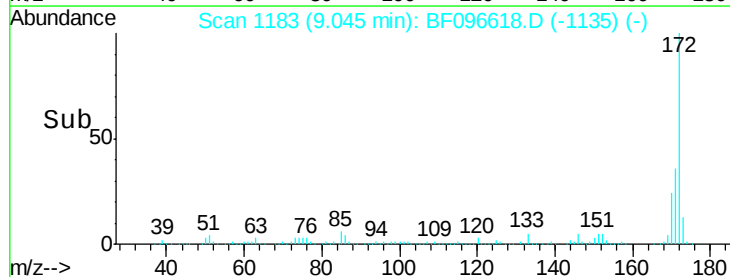
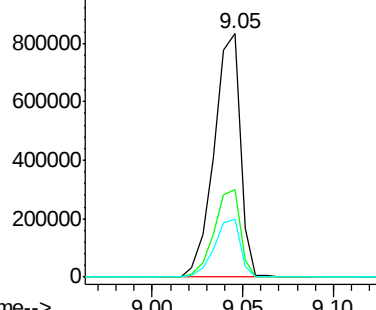


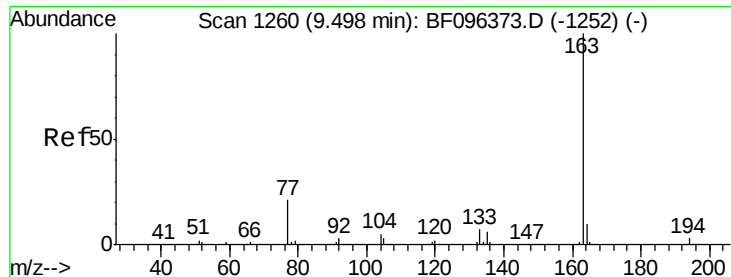
#44
 2-Fluorobiphenyl
 Concen: 64.55 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096618.D
 Acq: 10 Jul 2017 23:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	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

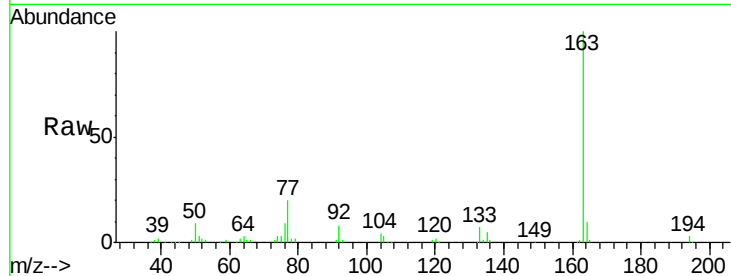




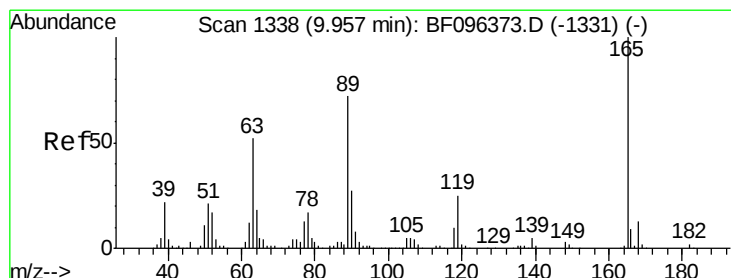
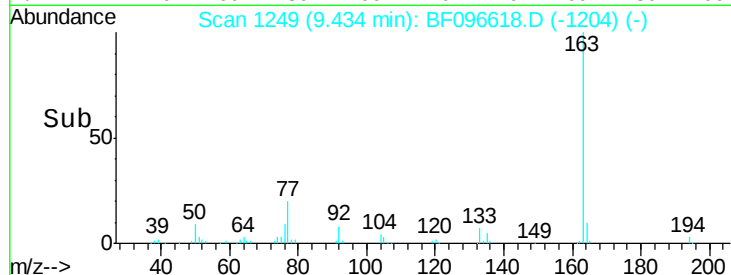
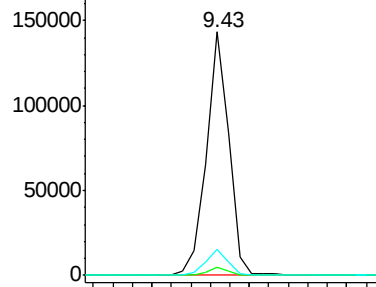
#49
Dimethylphthalate
Concen: 6.89 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 114482
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 8.4 12.6

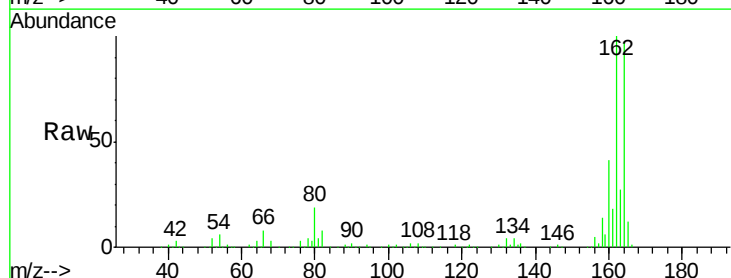


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

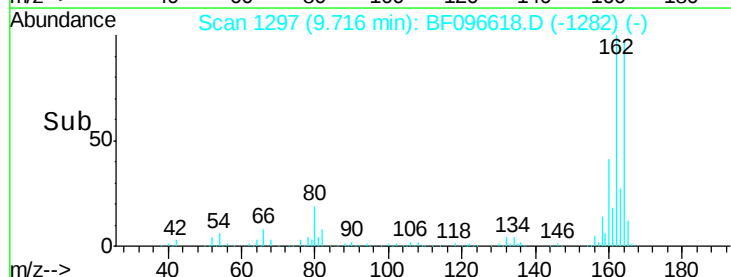
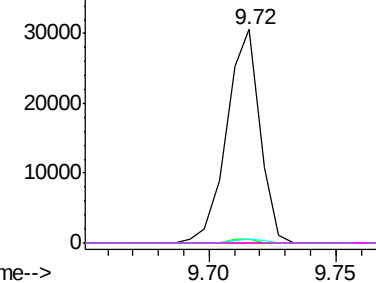


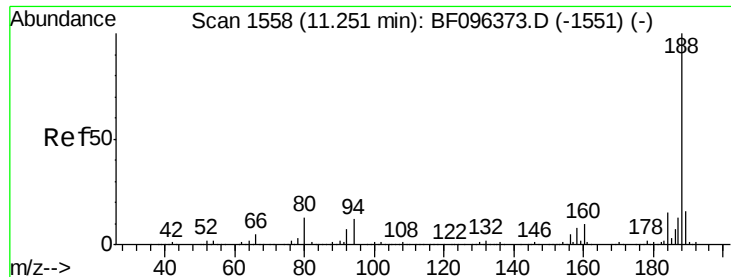
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Tgt Ion:165 Resp: 28089
Ion Ratio Lower Upper
165 100
63 1.7 25.4 38.0#
89 1.5 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

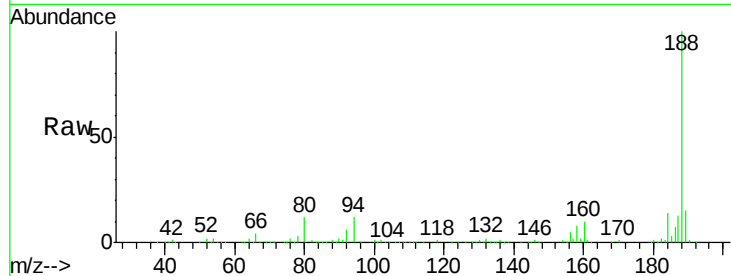




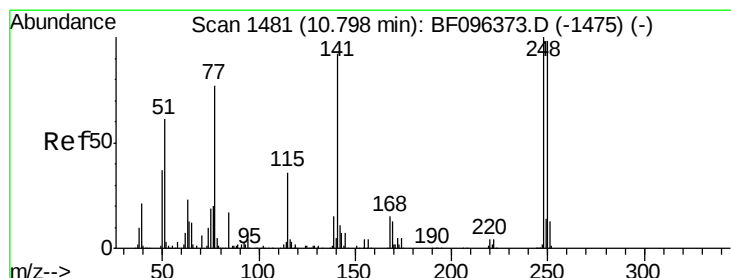
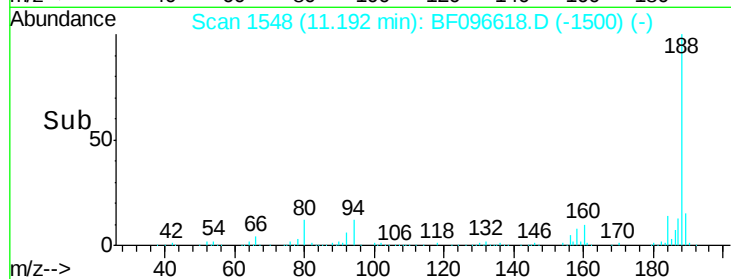
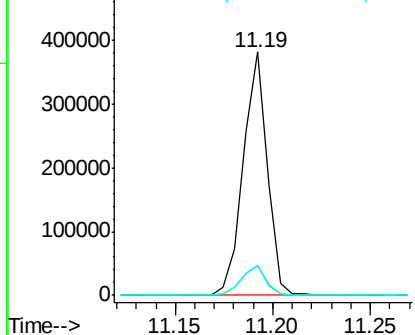
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 325269
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.0 10.2 15.2

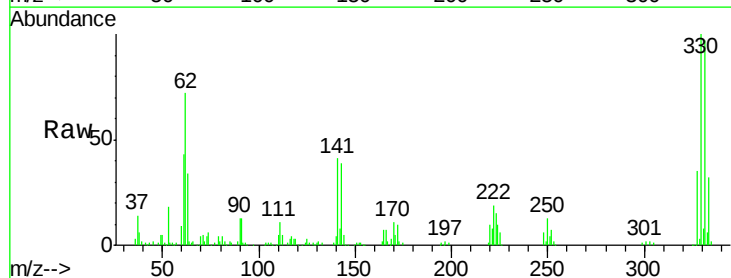


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

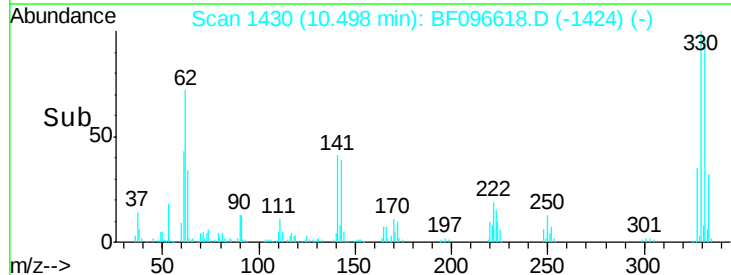
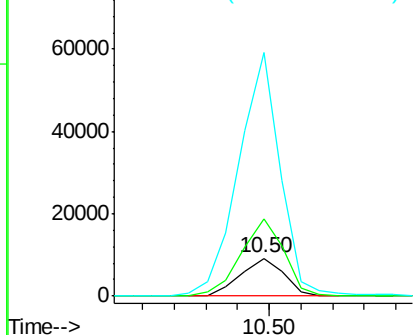


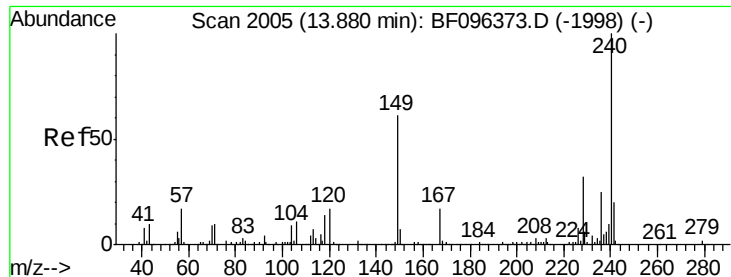
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Tgt Ion:248 Resp: 8567
Ion Ratio Lower Upper
248 100
250 204.5 76.8 115.2#
141 642.0 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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

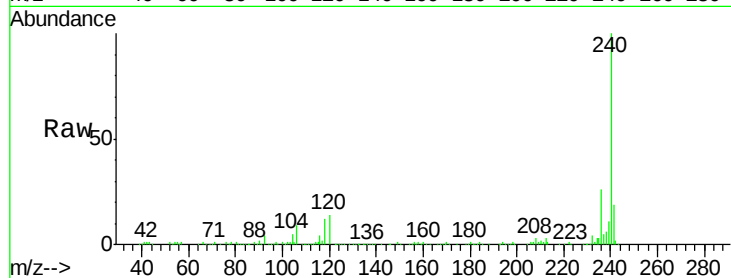
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 256817

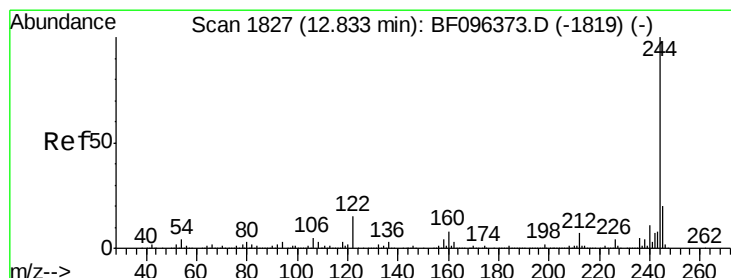
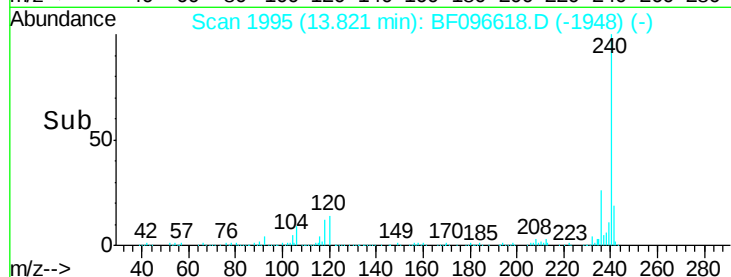
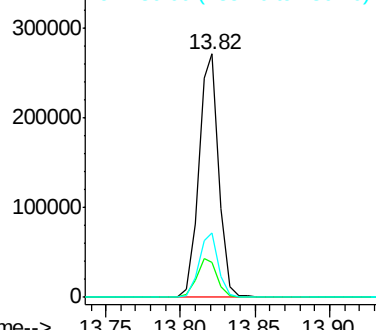
Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.4	20.5	30.7



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: 41.21 ng

RT: 12.77 min Scan# 1817

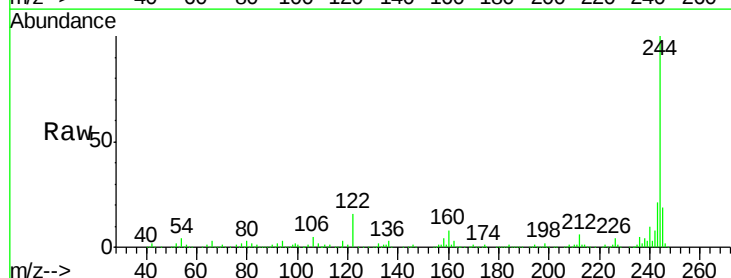
Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Tgt Ion:244 Resp: 495278

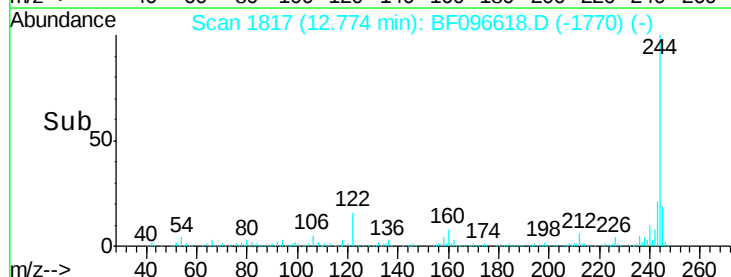
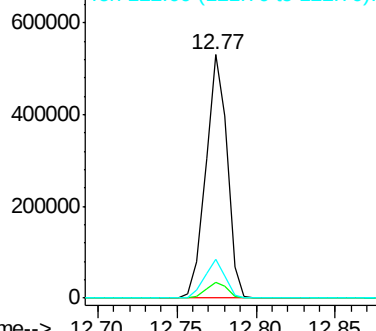
Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.8	10.3	15.5#

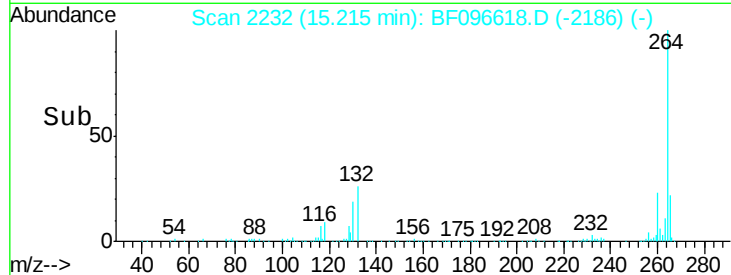
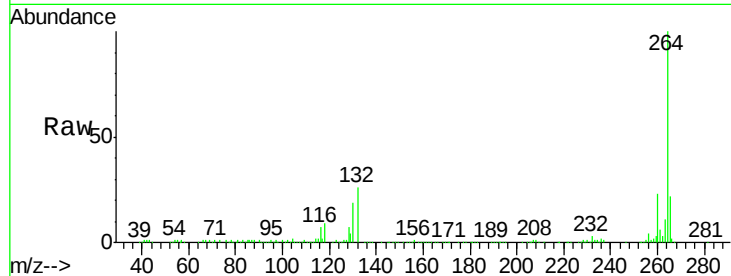
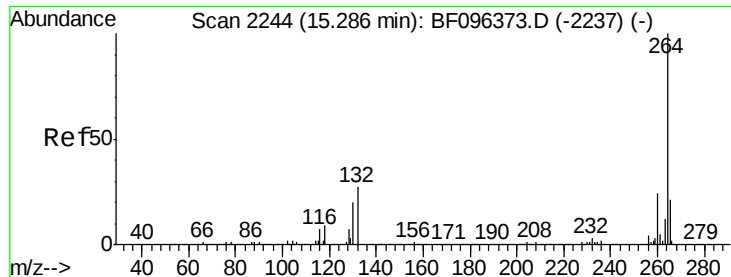


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	261328
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	17.2	25.8

