

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096847.D
 Acq On : 18 Jul 2017 14:53
 Operator : SJ/JU
 Sample : I4223-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

Quant Time: Jul 18 16:46:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	102721	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	486000	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	203123	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	380683	20.00	ng	0.00
75) Chrysene-d12	13.73	240	265317	20.00	ng	0.00
86) Perylene-d12	15.09	264	170909	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	960778	140.63	ng	0.02
7) Phenol-d6	6.26	99	1112874	135.74	ng	0.00
23) Nitrobenzene-d5	7.16	82	697891	88.95	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	259788	149.83	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1267717	98.60	ng	0.00
78) Terphenyl-d14	12.69	244	1074206	70.22	ng	0.00

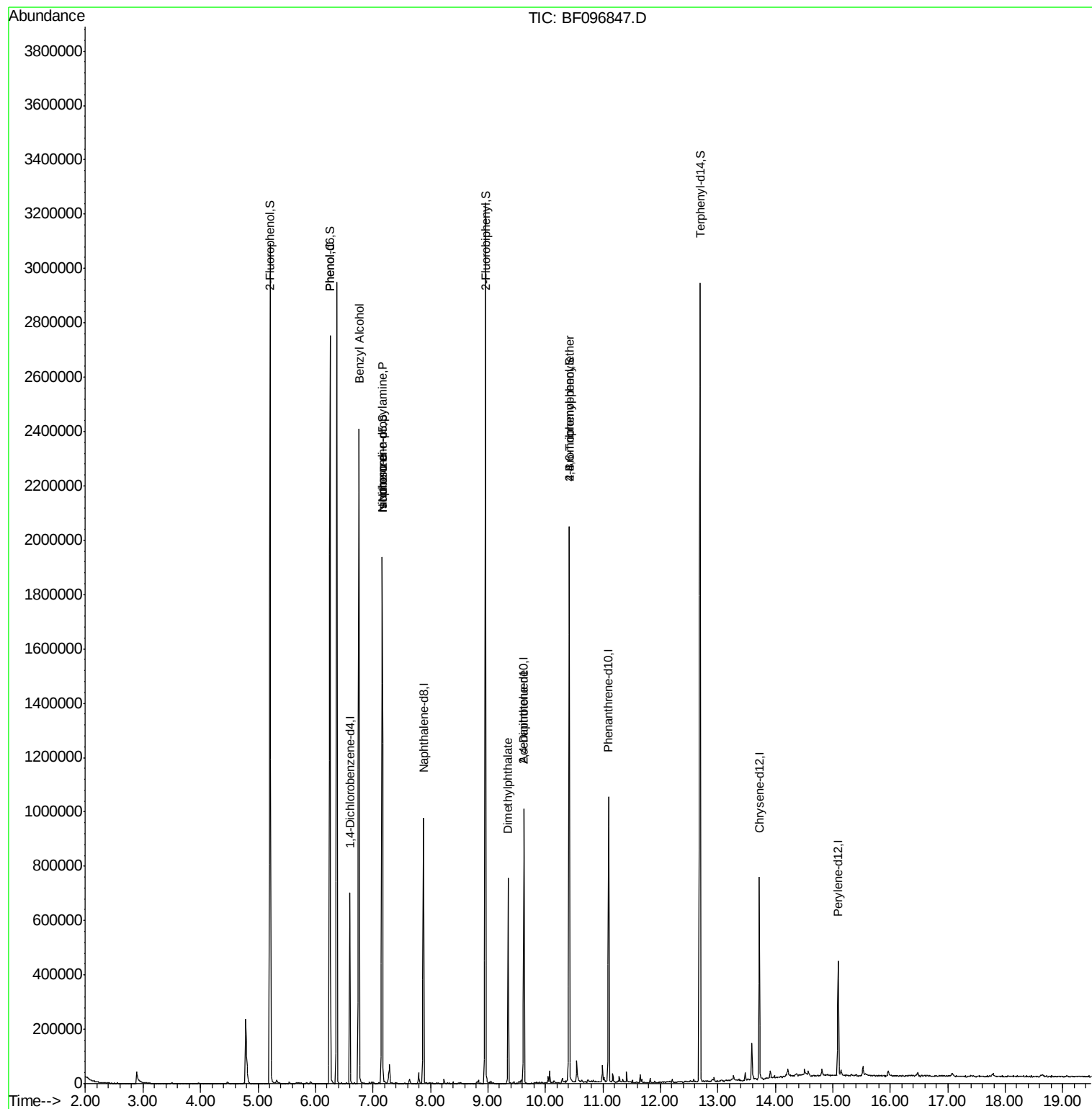
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.26	94	24784	2.674	ng	95
15) Benzyl Alcohol	6.75	79	10779	2.008	ng	# 45
19) n-Nitroso-di-n-propylamine	7.16	70	92296	18.687	ng	# 85
25) Isophorone	7.16	82	686616	47.041	ng	# 67
49) Dimethylphthalate	9.35	163	286846	18.755	ng	99
56) 2,4-Dinitrotoluene	9.63	165	26268	6.171	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	16550	4.258	ng	# 1

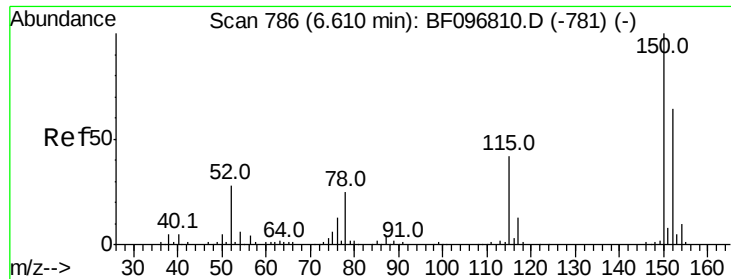
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.60 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

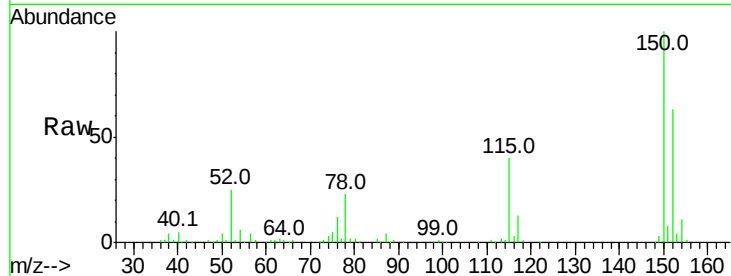
Tot Ion:152 Resp: 102721

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

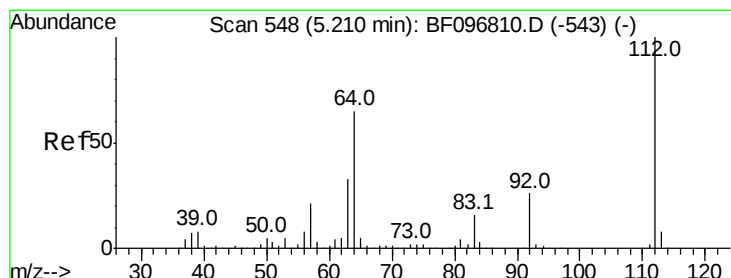
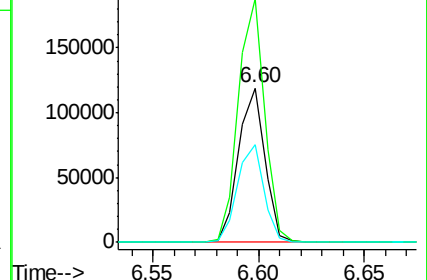
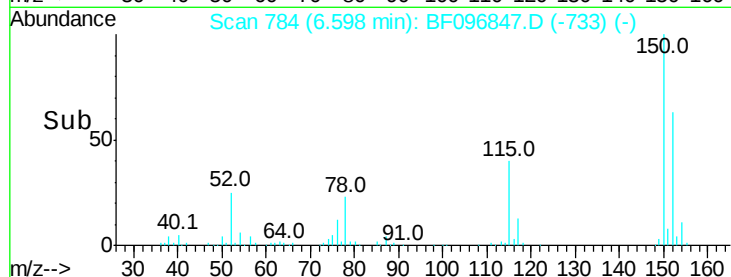
115 63.6 52.2 78.2



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: 140.634 ng

RT: 5.22 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

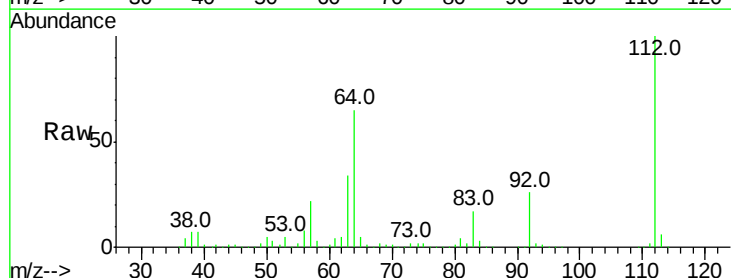
Tgt Ion:112 Resp: 960778

Ion Ratio Lower Upper

112 100

64 65.2 46.0 69.0

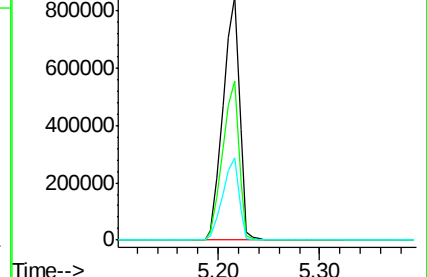
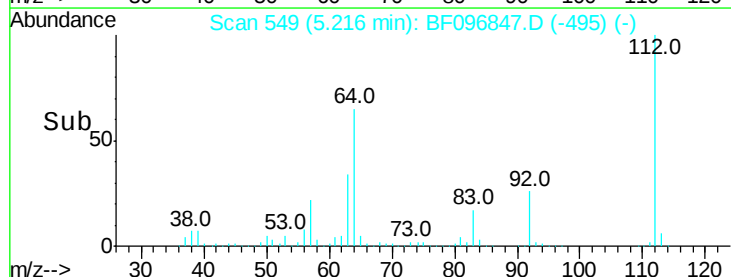
63 33.8 23.4 35.0

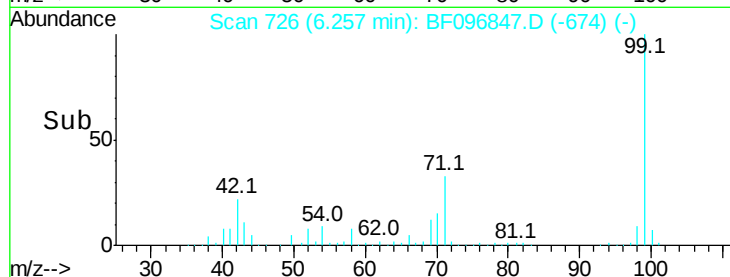
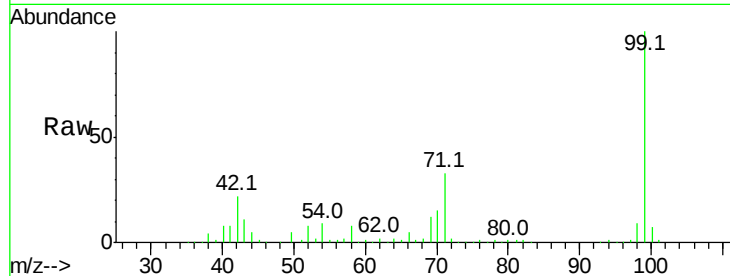
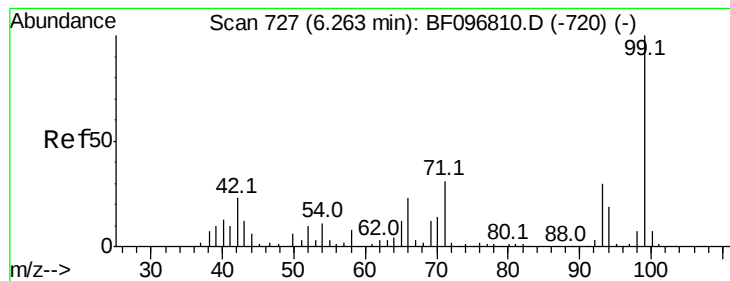


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.745 ng

RT: 6.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

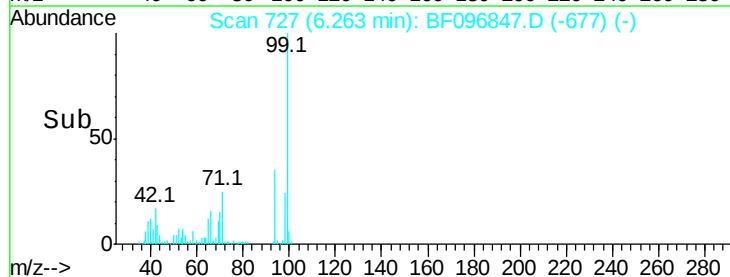
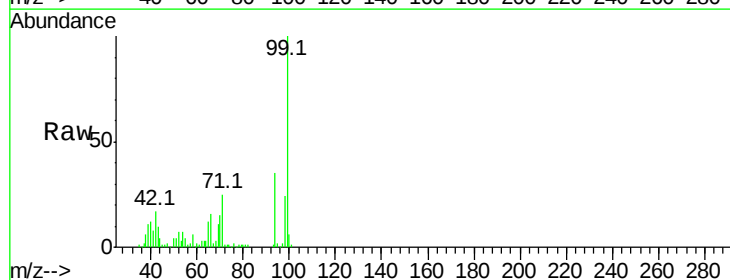
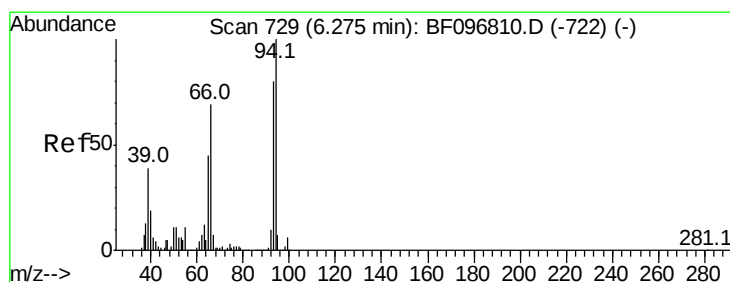
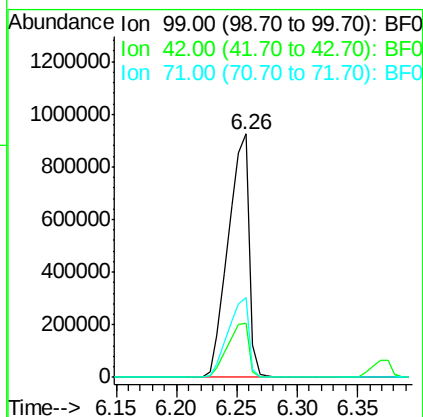
Tot Ion: 99 Resp: 1112874

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

71 32.8 24.5 36.7



#10

Phenol

Concen: 2.674 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

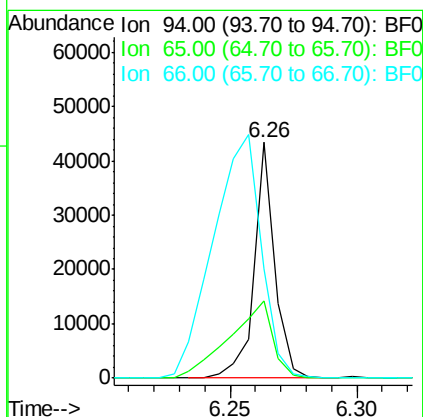
Tgt Ion: 94 Resp: 24784

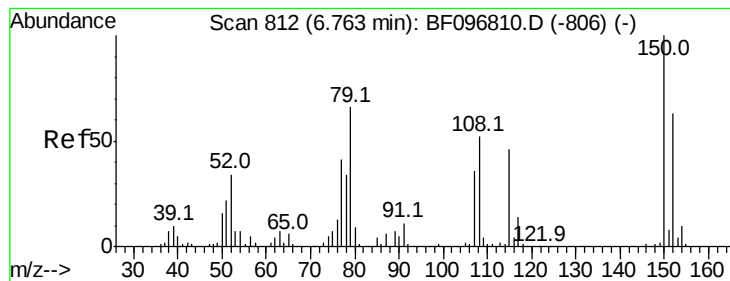
Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

66 46.1 23.1 63.1





#15

Benzyl Alcohol

Concen: 2.008 ng

RT: 6.75 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

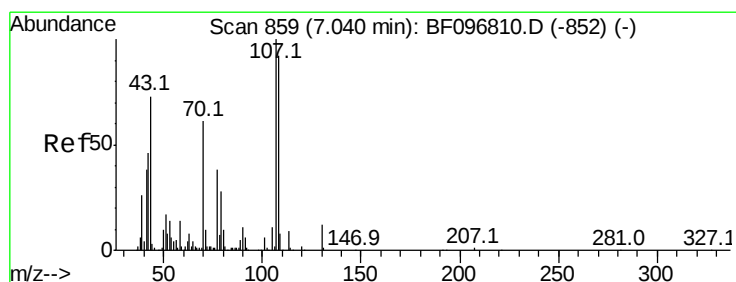
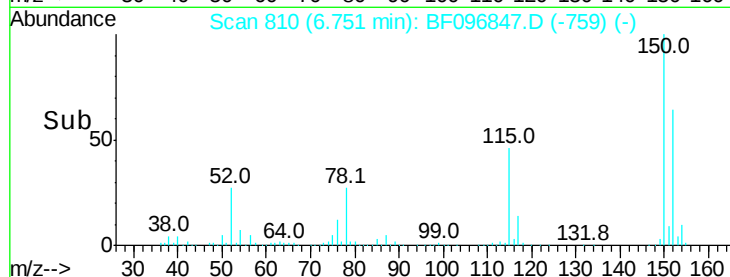
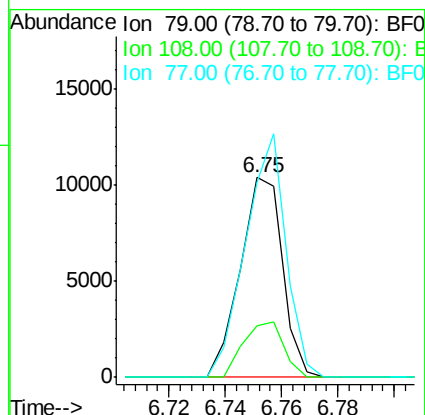
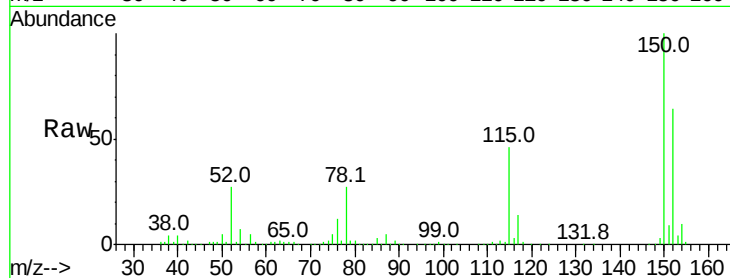
Tot Ion: 79 Resp: 10779

Ion Ratio Lower Upper

79 100

108 25.6 63.4 95.0#

77 97.9 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 18.687 ng

RT: 7.16 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Tgt Ion: 70 Resp: 92296

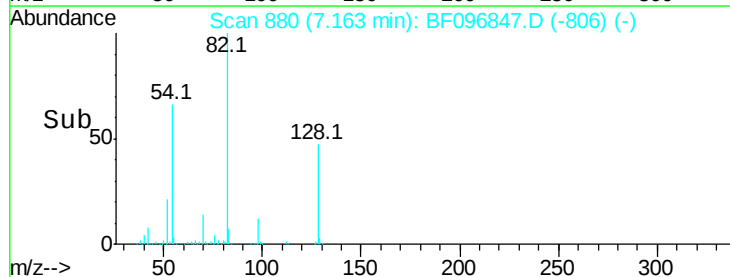
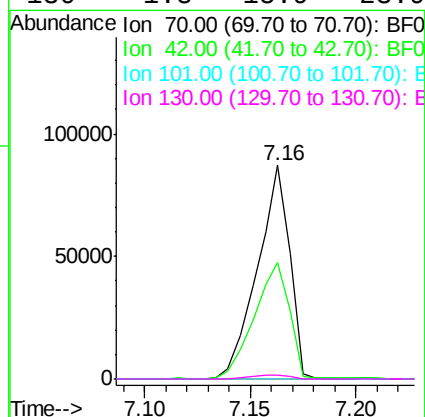
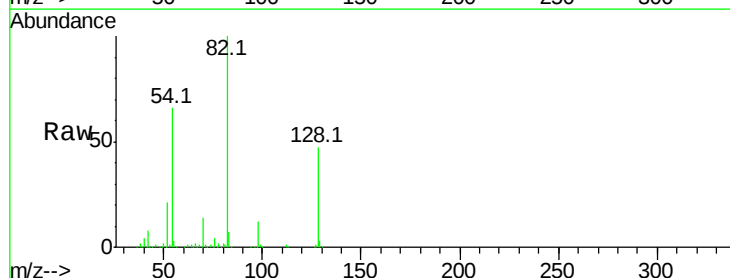
Ion Ratio Lower Upper

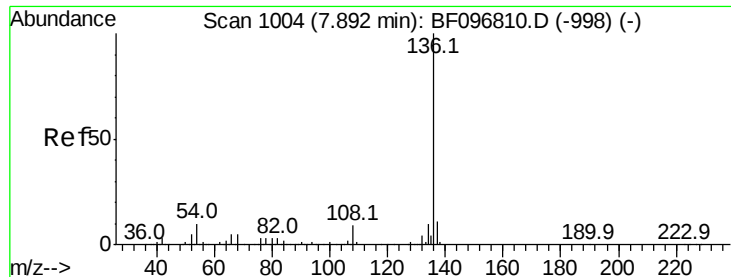
70 100

42 54.8 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

Tot Ion:136 Resp: 486000

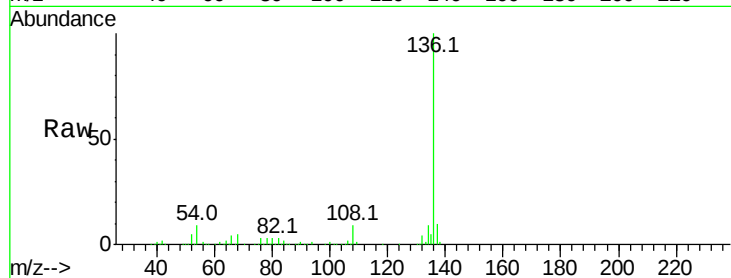
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.4 4.9 7.3#

68 4.8 4.1 6.1

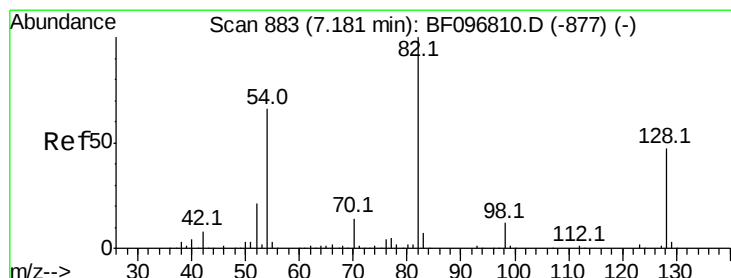
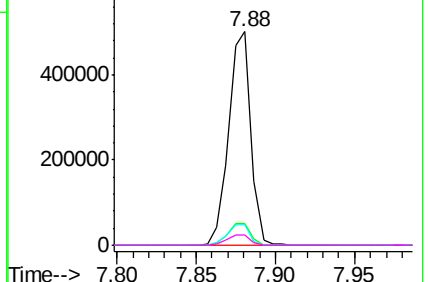
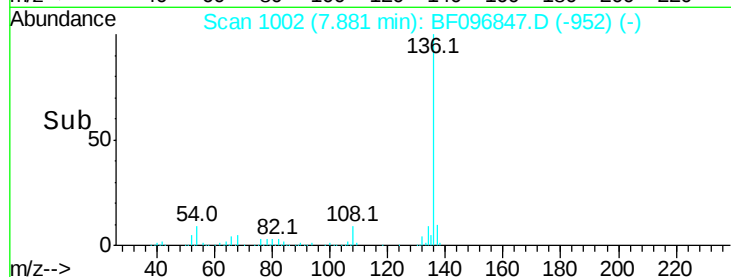


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.946 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

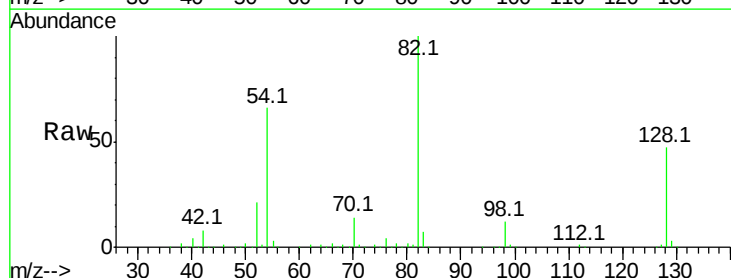
Tgt Ion: 82 Resp: 697891

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

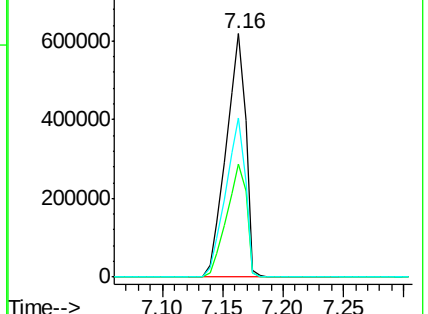
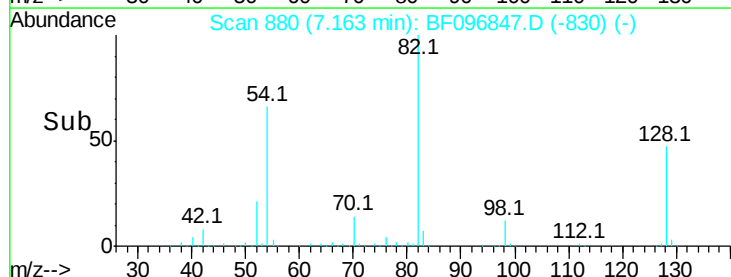
54 65.5 42.2 63.2#

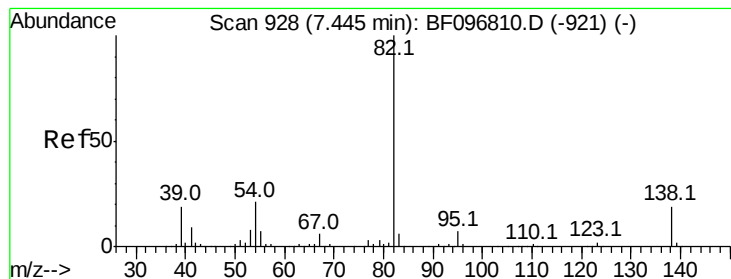


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.041 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

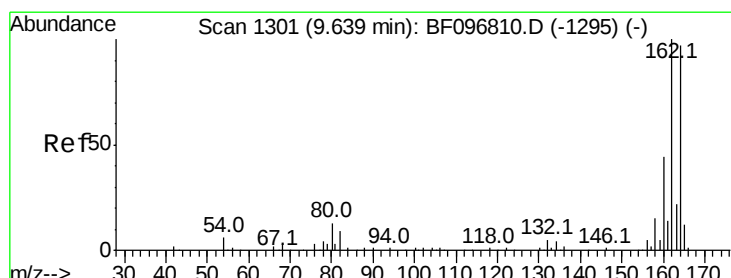
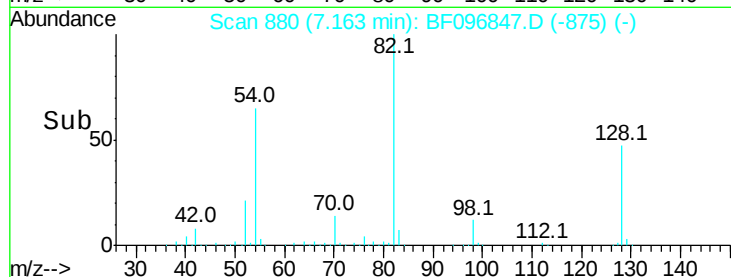
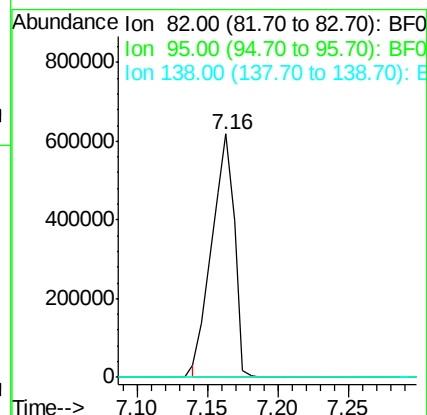
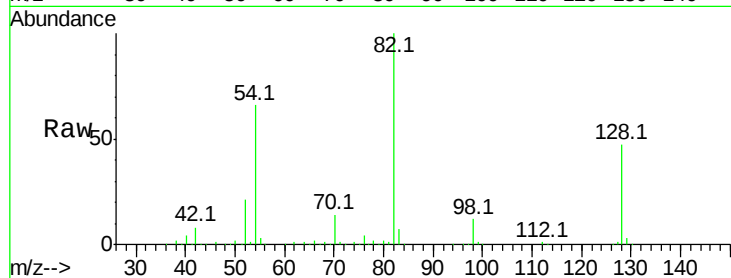
Tot Ion: 82 Resp: 686616

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: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

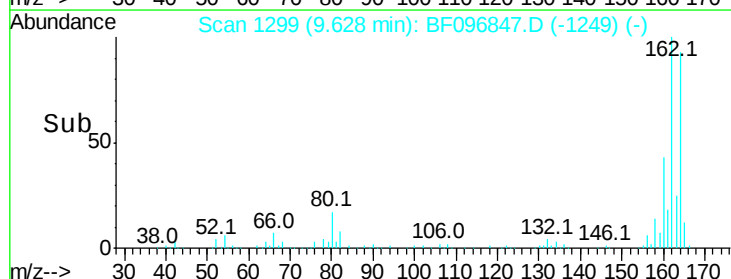
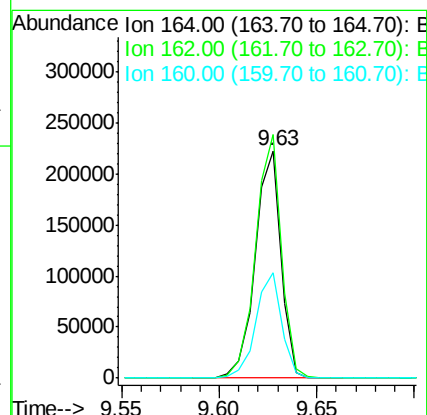
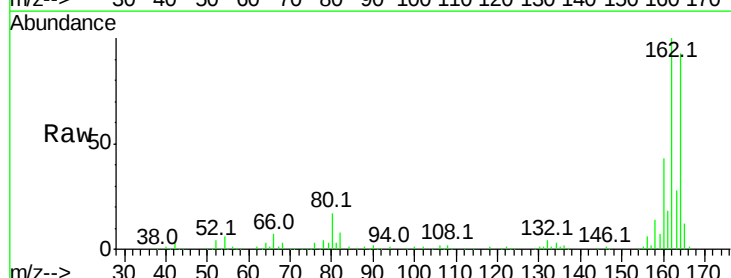
Tgt Ion:164 Resp: 203123

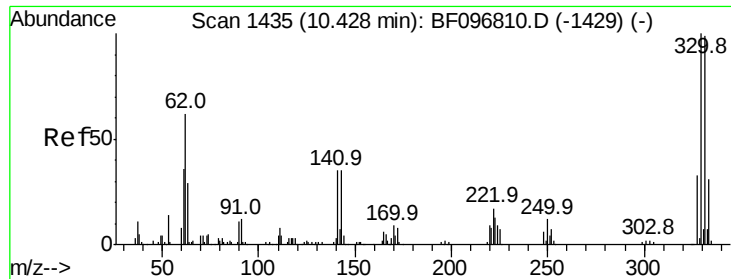
Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

160 46.4 36.2 54.2

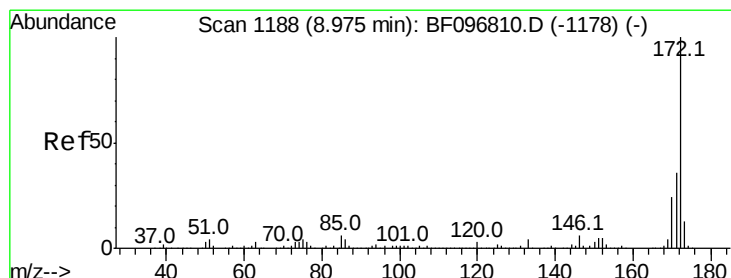
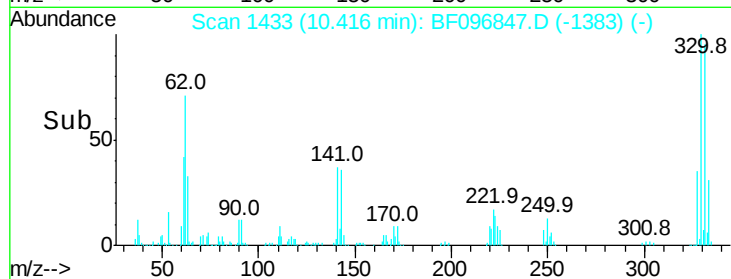
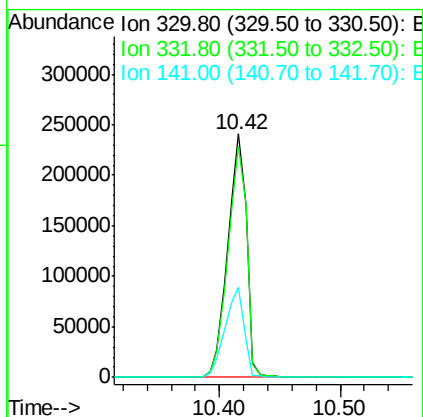
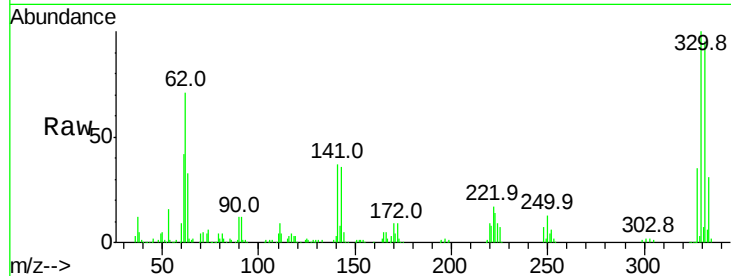




#41
 2,4,6-Tribromophenol
 Concen: 149.835 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

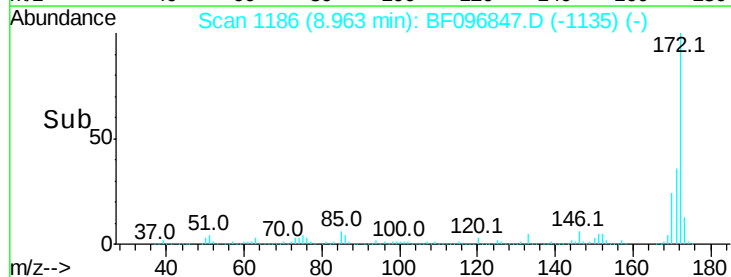
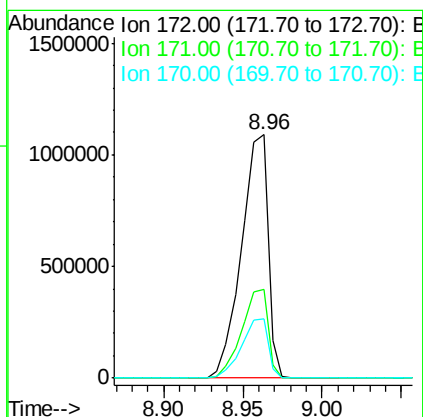
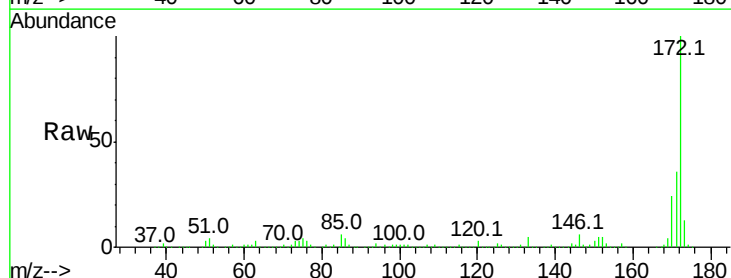
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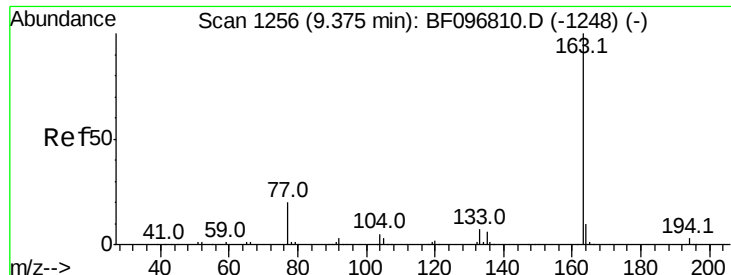
Tot Ion:330 Resp: 259788
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 98.605 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Tgt Ion:172 Resp: 1267717
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8

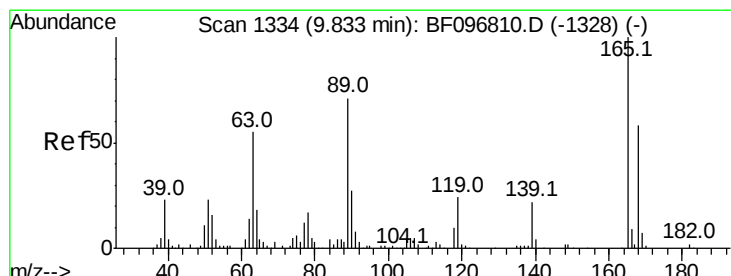
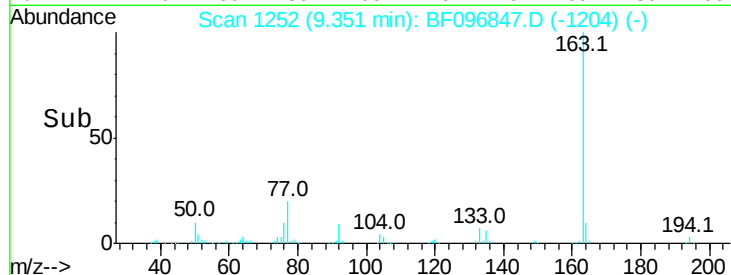
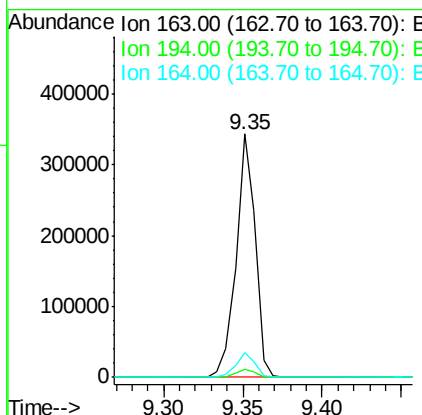
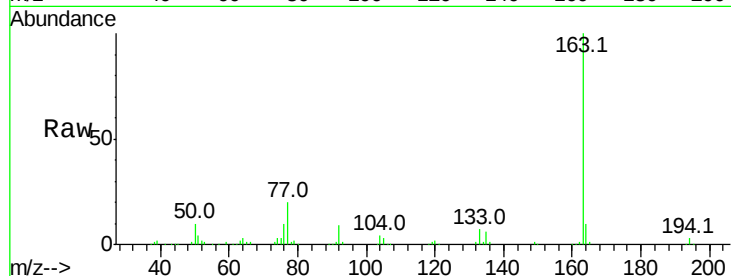




#49
Dimethylphthalate
Concen: 18.755 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096847.D
Acq: 18 Jul 2017 14:53

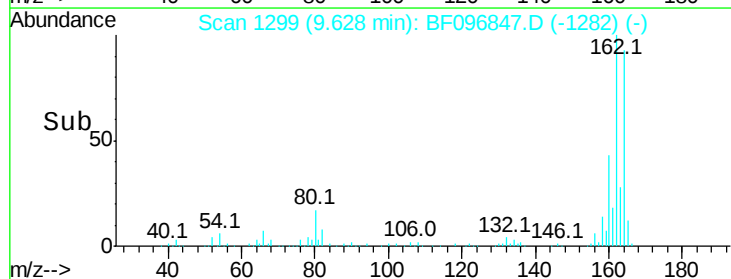
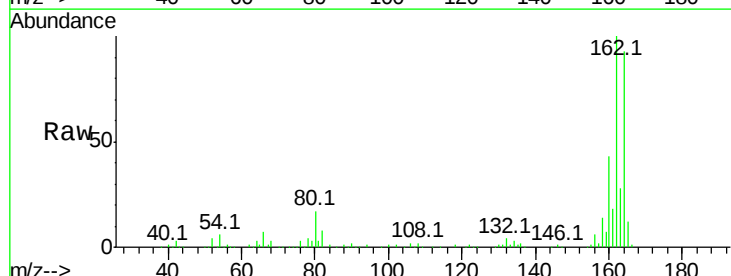
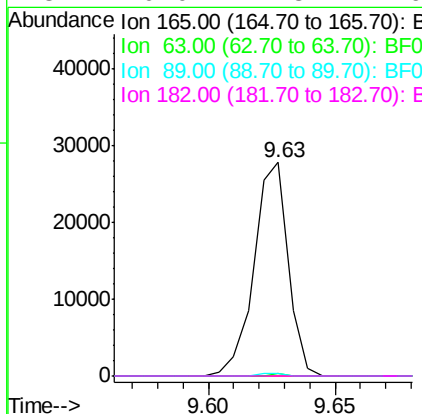
Instrument :
BNA_F
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WC071417-1N

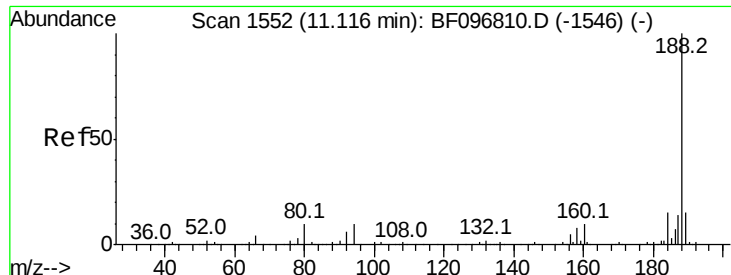
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.171 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096847.D
Acq: 18 Jul 2017 14:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

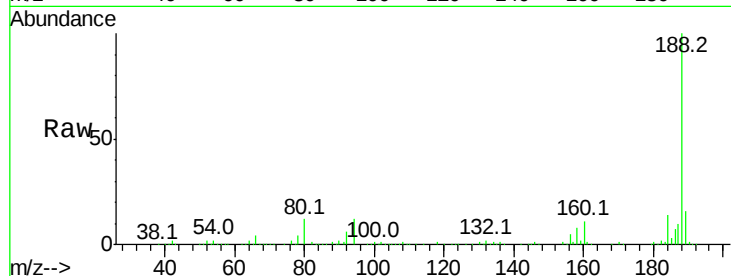




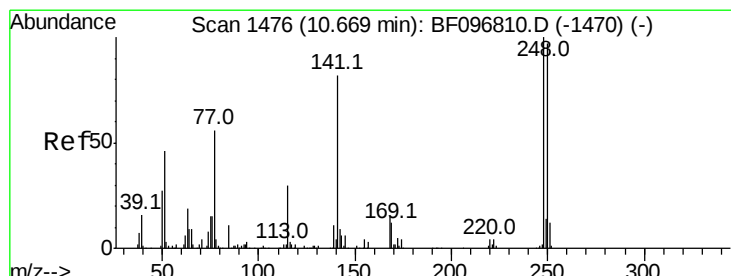
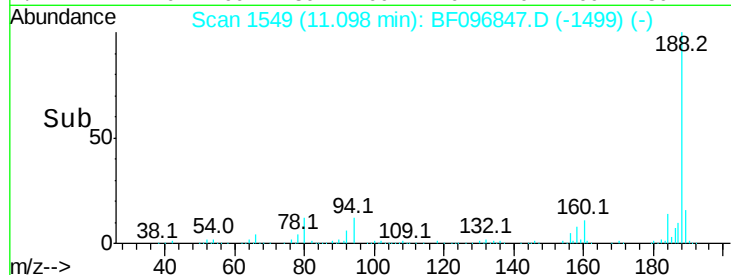
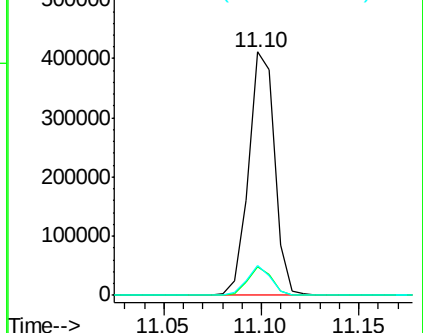
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.2	10.2	15.2

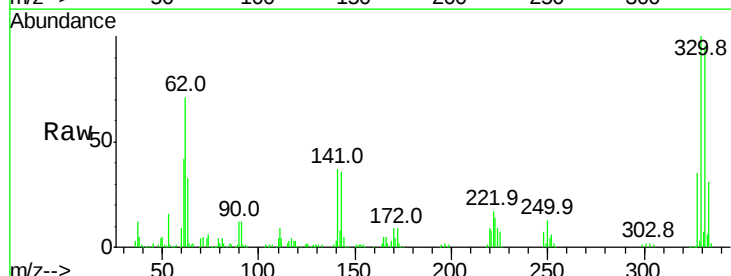


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

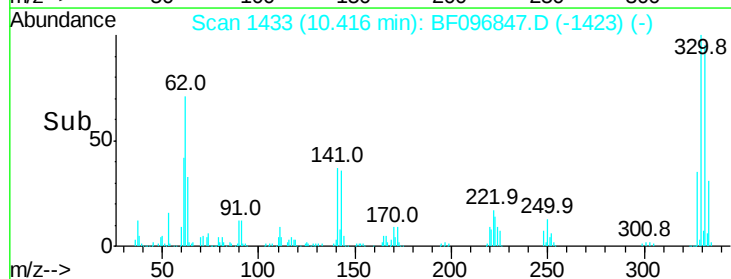
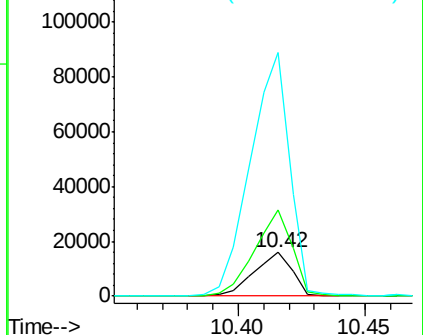


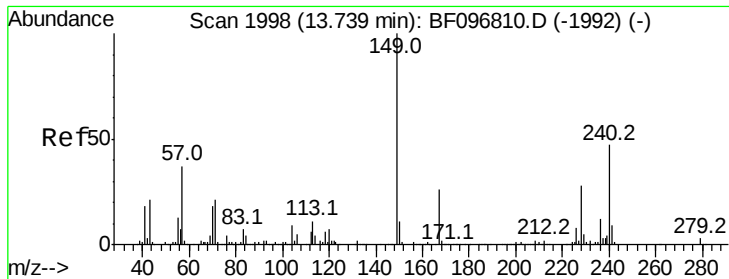
#66
 4-Bromophenyl-phenylether
 Concen: 4.258 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.8	115.2#
141	557.2	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: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

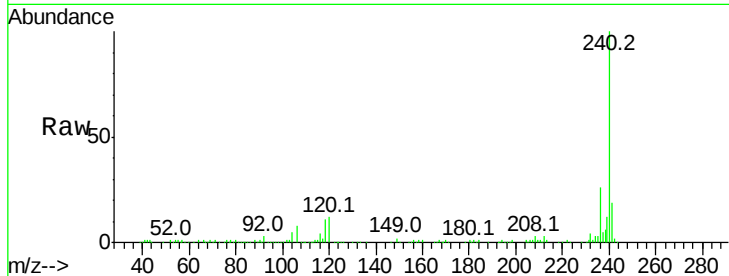
Tot Ion:240 Resp: 265317

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

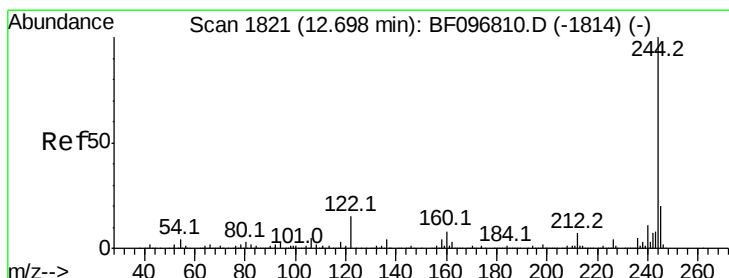
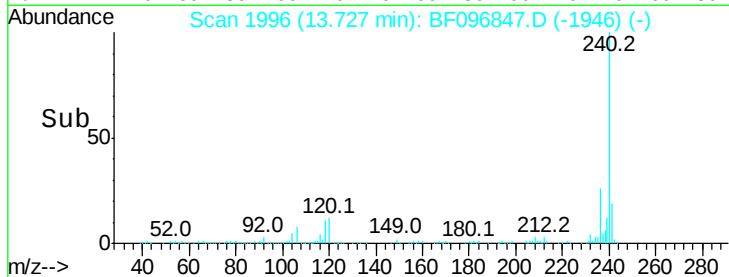
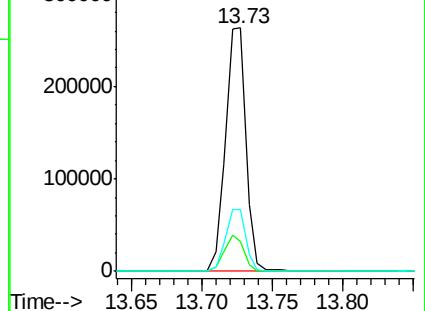
236 25.6 20.5 30.7



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: 70.216 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

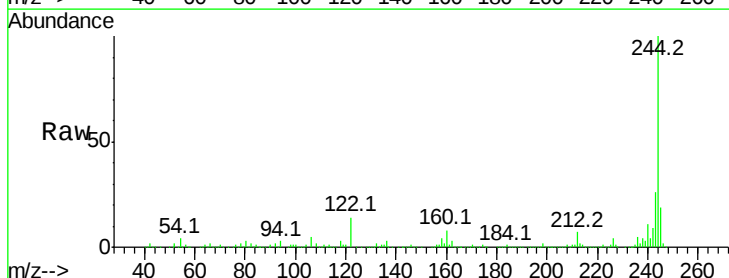
Tgt Ion:244 Resp: 1074206

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

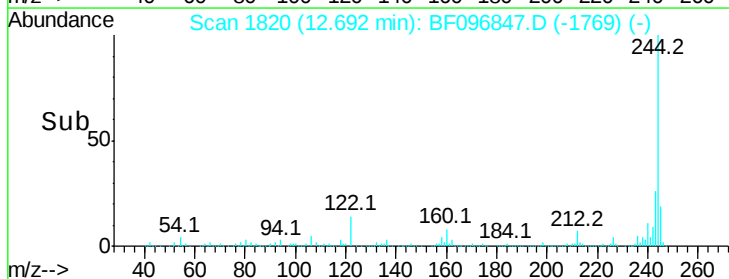
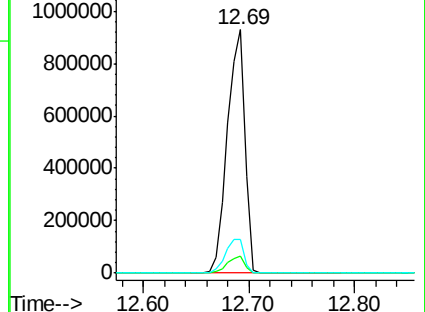
122 13.7 10.3 15.5

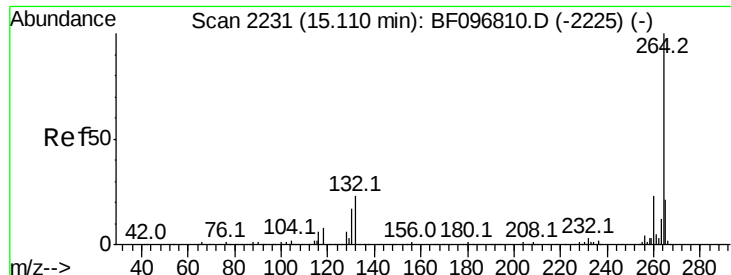


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

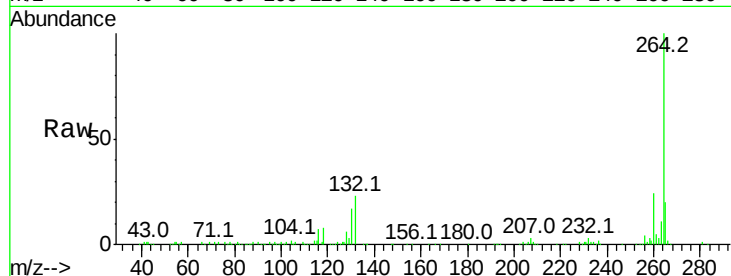




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

