

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096384.D
 Acq On : 1 Jul 2017 17:43
 Operator : SJ/MA
 Sample : I3996-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:48:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

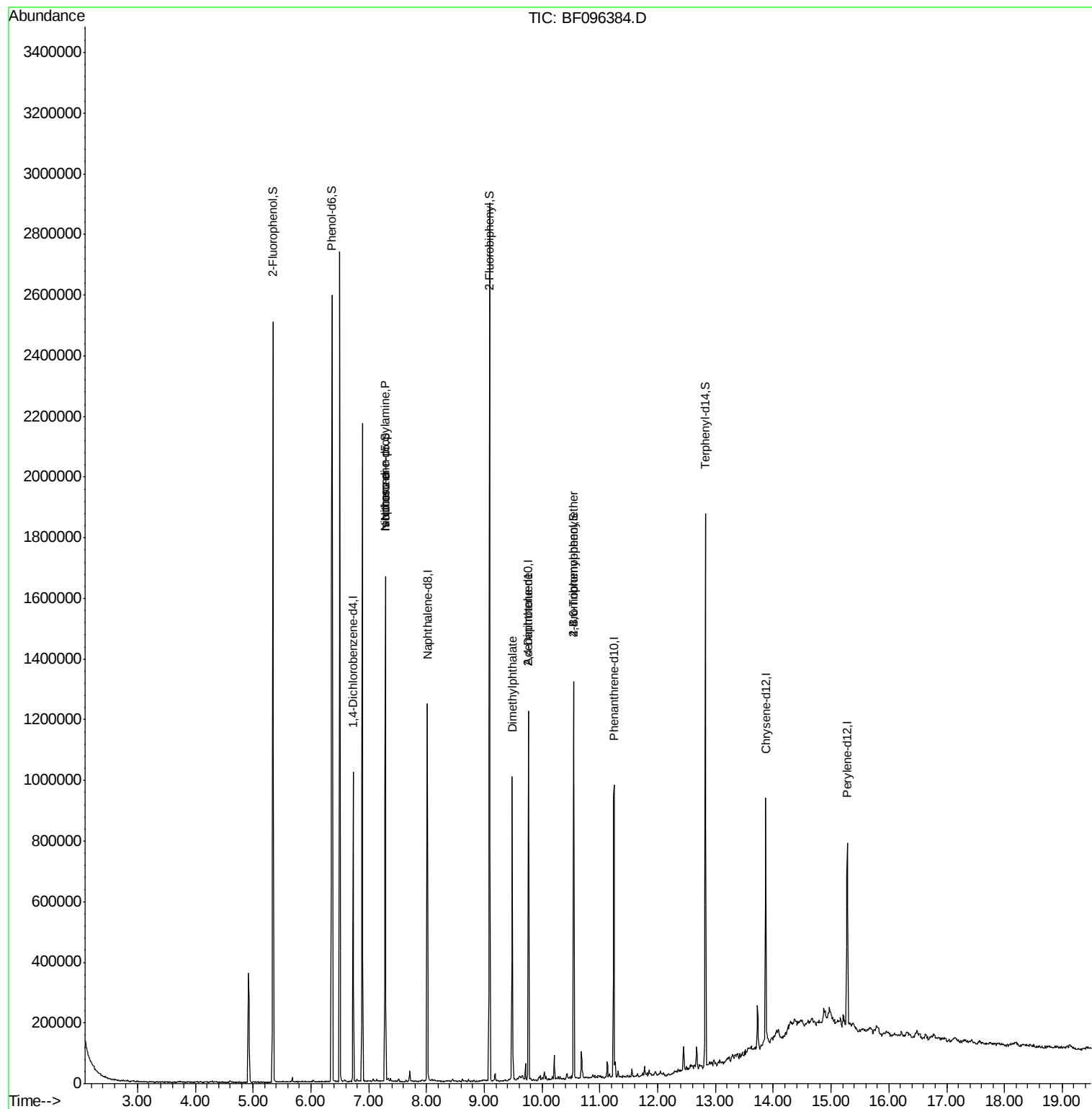
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141179	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	580413	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	239889	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	349066	20.00	ng	0.00
75) Chrysene-d12	13.87	240	247773	20.00	ng	-0.01
86) Perylene-d12	15.28	264	249201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	656210	68.60	ng	0.00
7) Phenol-d6	6.36	99	950231	80.81	ng	-0.01
23) Nitrobenzene-d5	7.29	82	553867	57.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	134744	71.91	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	934394	66.60	ng	0.00
78) Terphenyl-d14	12.83	244	535723	46.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	70213	10.02	ng	# 87
25) Isophorone	7.29	82	548486	29.29	ng	# 67
49) Dimethylphthalate	9.48	163	374914	20.94	ng	99
56) 2,4-Dinitrotoluene	9.76	165	29721	5.93	ng	# 33
66) 4-Bromophenyl-phenylether	10.55	248	8977	2.64	ng	# 1

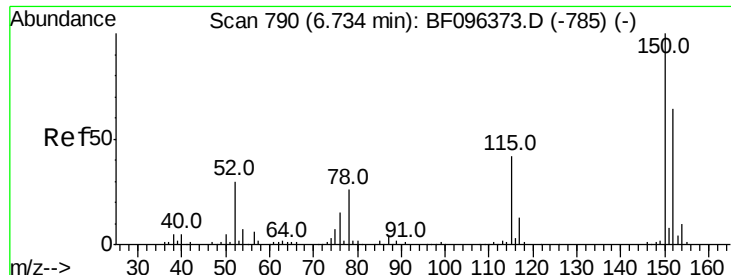
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

Instrument :

BNA_F

ClientSampleId :

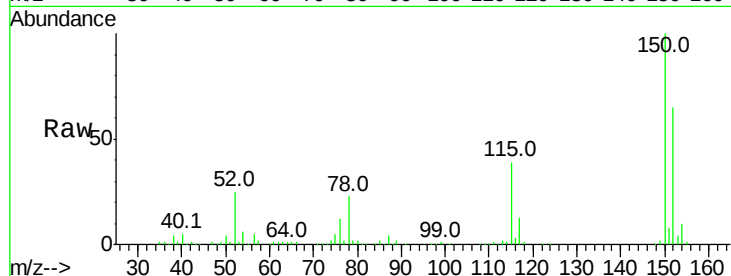
Tot Ion:152 Resp: 141179

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

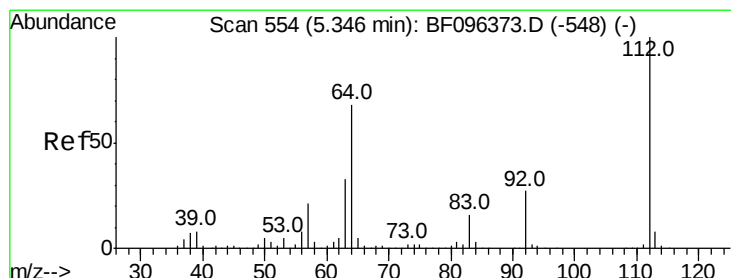
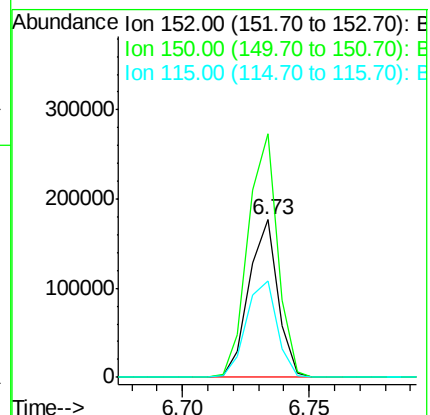
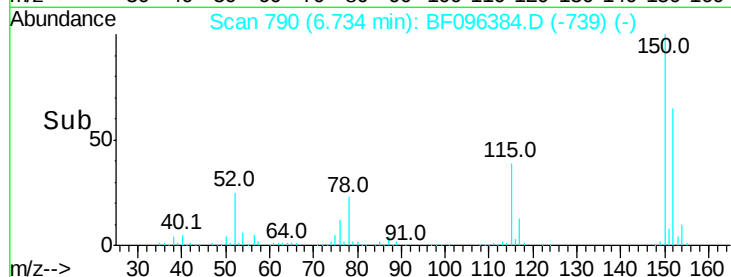
115 60.7 52.2 78.2



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: 68.60 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

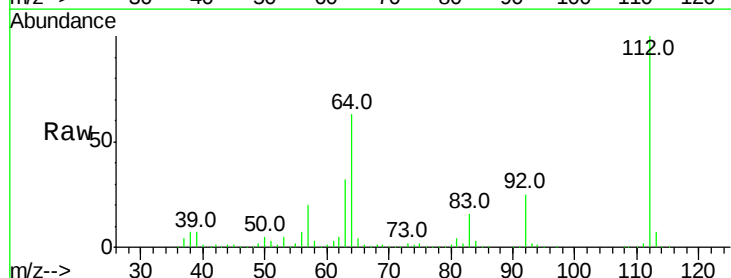
Tgt Ion:112 Resp: 656210

Ion Ratio Lower Upper

112 100

64 62.7 46.0 69.0

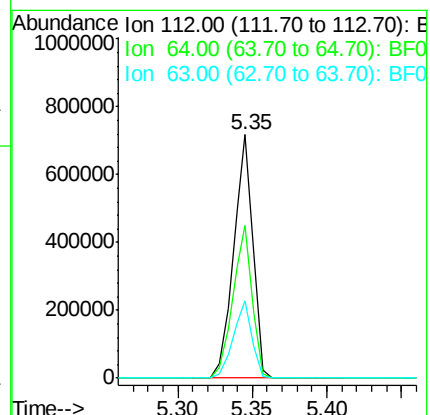
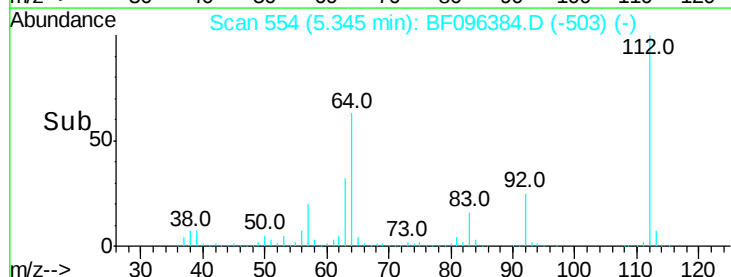
63 31.6 23.4 35.0

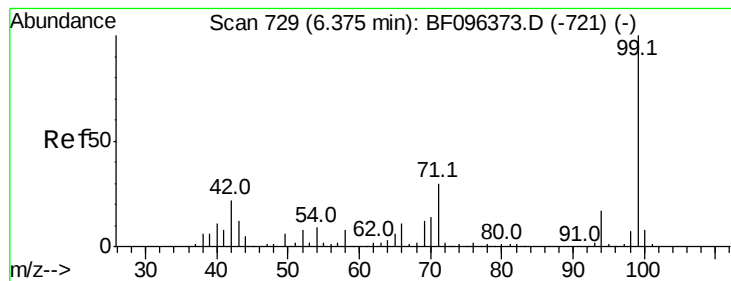


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.81 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

Instrument :

BNA_F

ClientSampled :

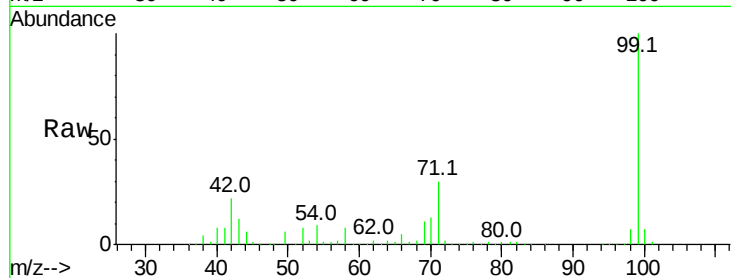
Tot Ion: 99 Resp: 950231

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

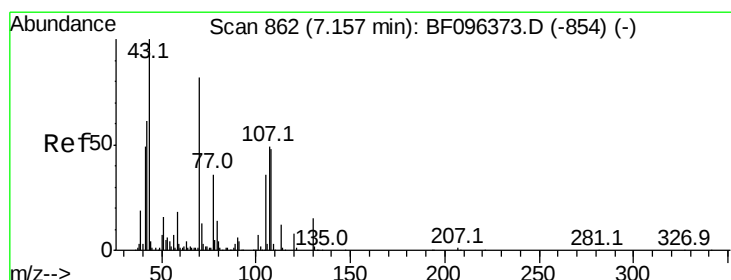
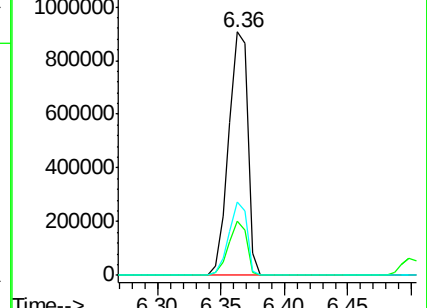
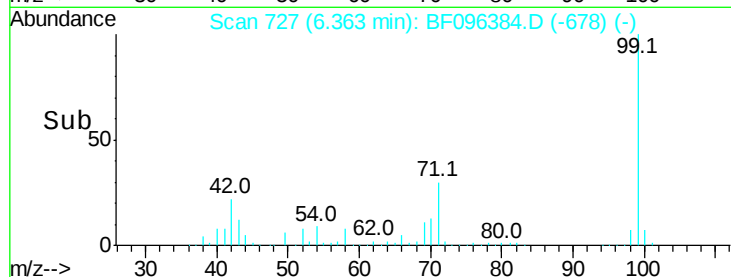
71 29.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.02 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

Tgt Ion: 70 Resp: 70213

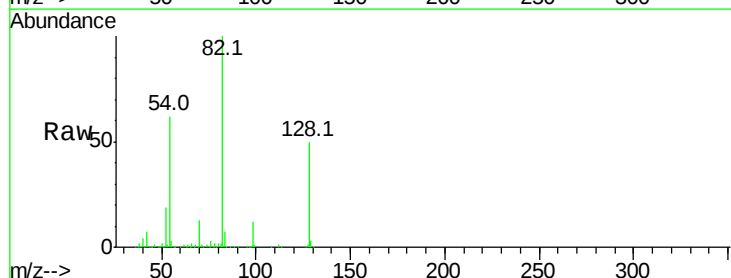
Ion Ratio Lower Upper

70 100

42 56.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

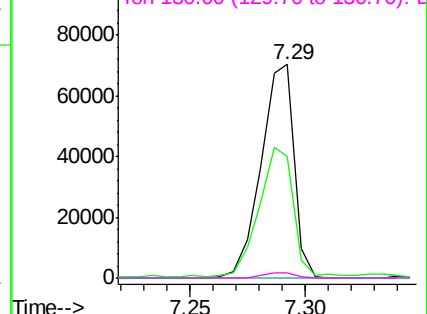
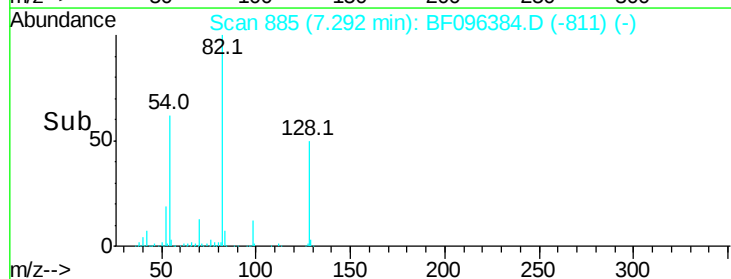


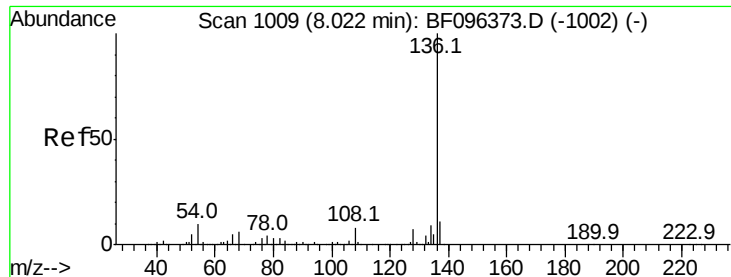
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096384.D

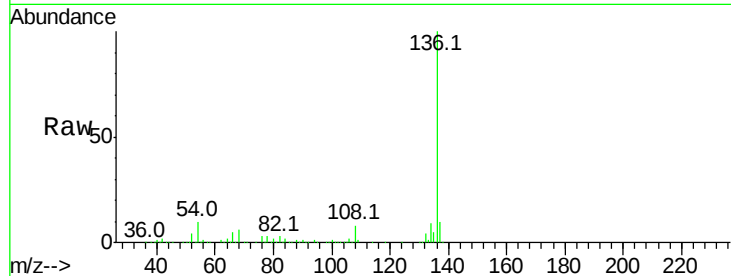
Acq: 1 Jul 2017 17:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:	136	Resp:	580413
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.7	4.9	7.3#
68	5.7	4.1	6.1

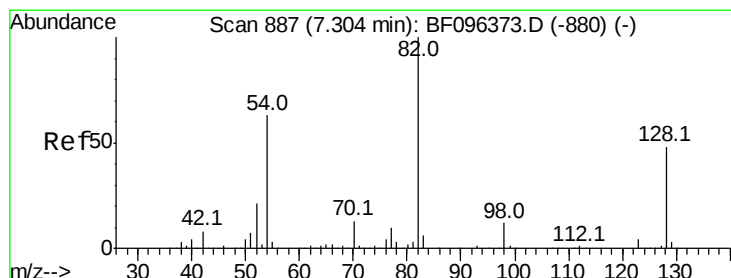
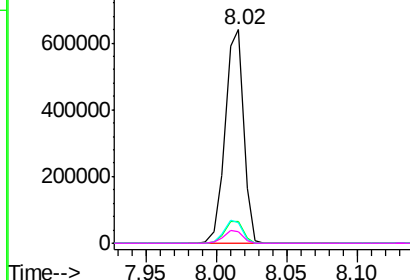
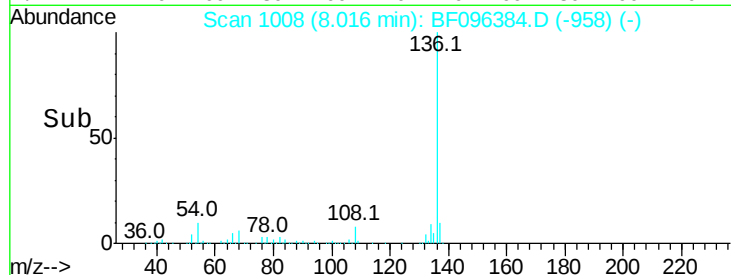


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.34 ng

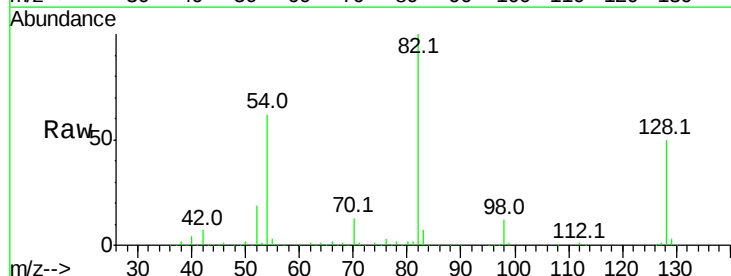
RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

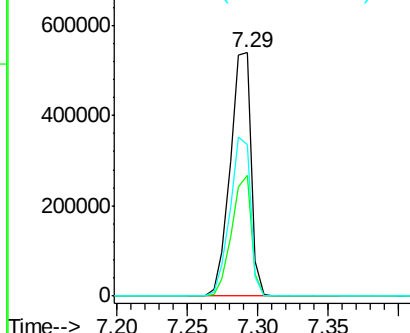
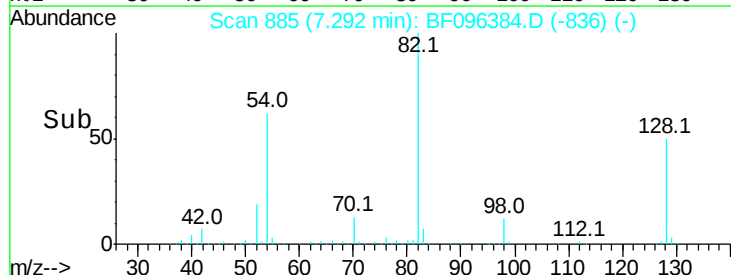
Tgt Ion:	82	Resp:	553867
Ion	Ratio	Lower	Upper
82	100		
128	49.8	34.0	51.0
54	62.2	42.2	63.2

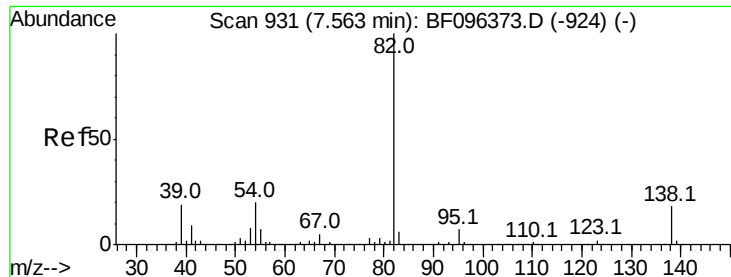


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.29 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

Instrument :

BNA_F

ClientSampled :

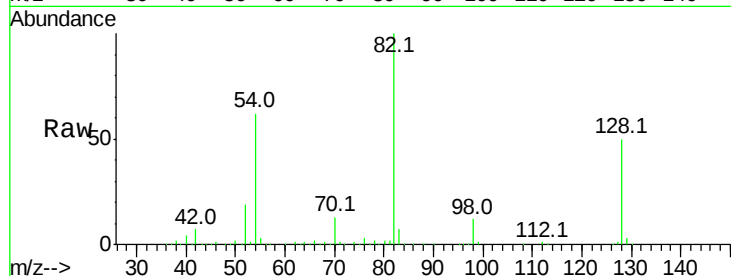
Tot Ion: 82 Resp: 548486

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

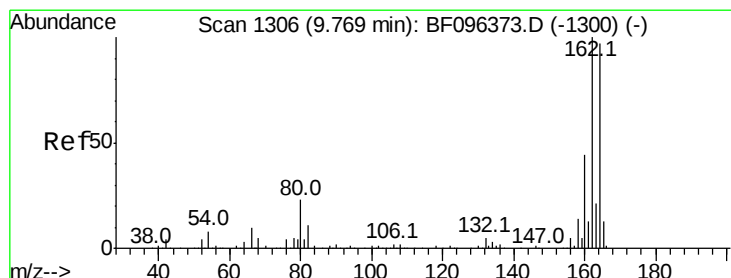
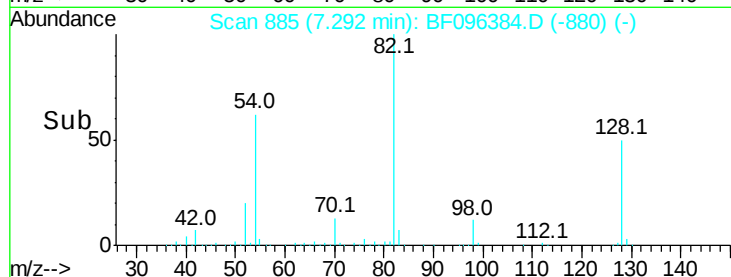
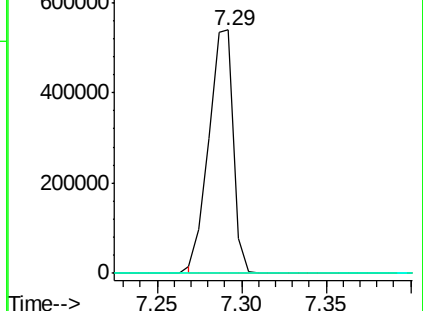
138 0.0 13.1 19.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

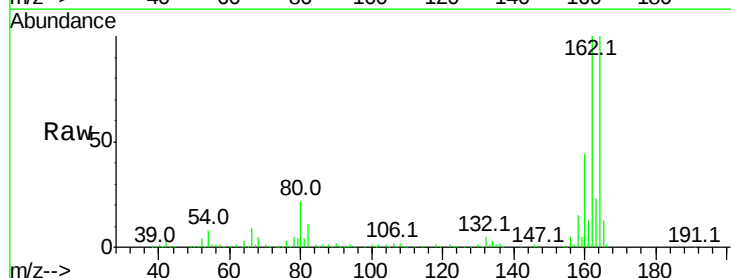
Tgt Ion:164 Resp: 239889

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

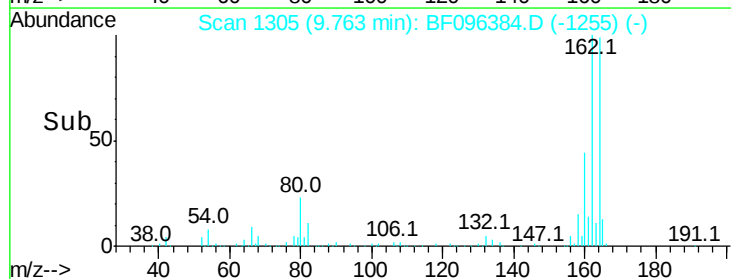
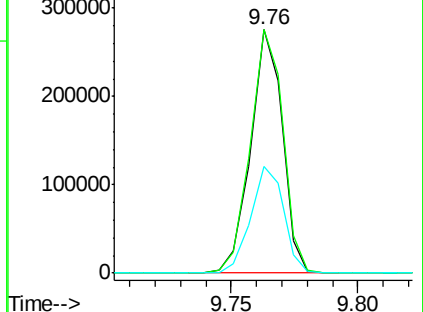
160 43.8 36.2 54.2



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

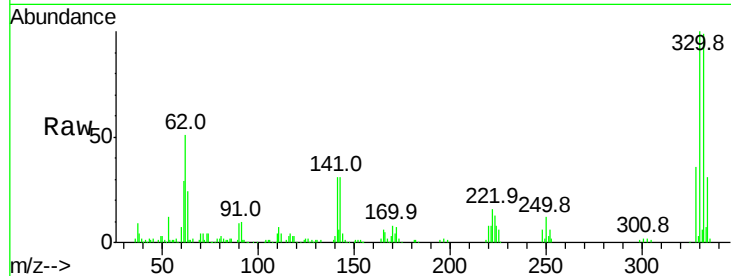




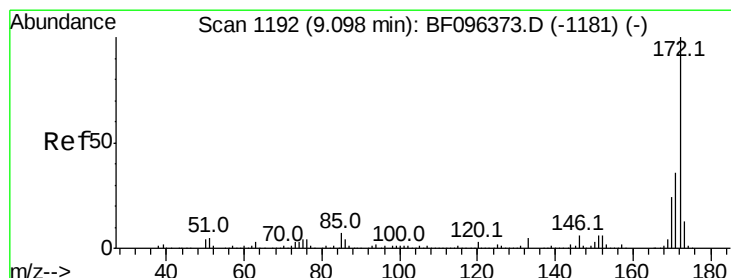
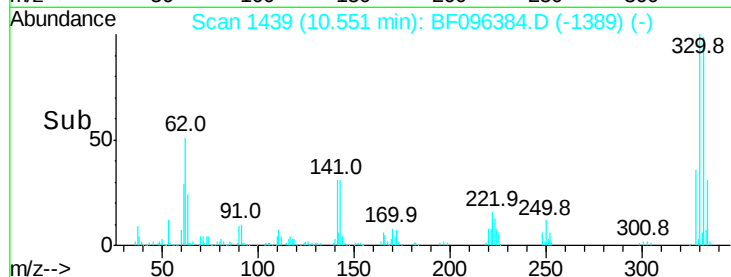
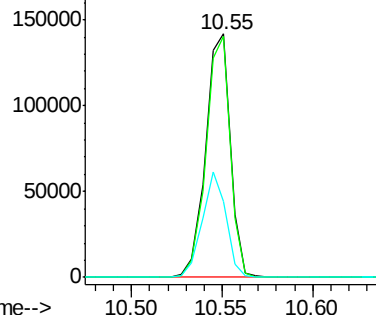
#41
 2,4,6-Tribromophenol
 Concen: 71.91 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096384.D
 Acq: 1 Jul 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	41.6	31.4	47.2

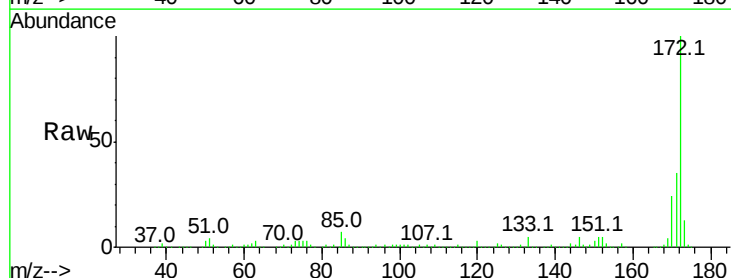


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

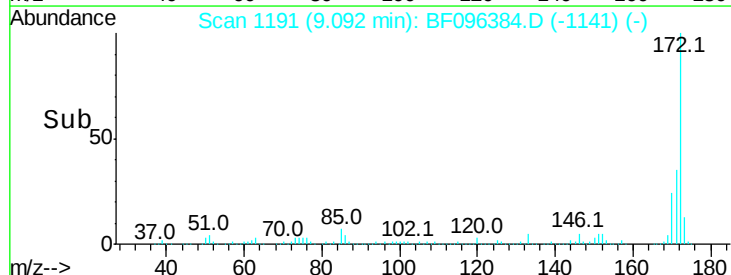
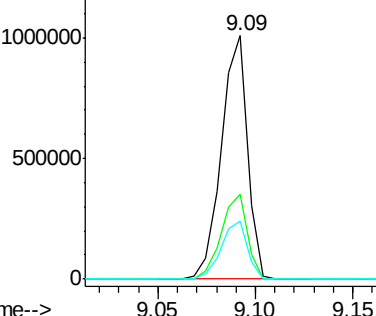


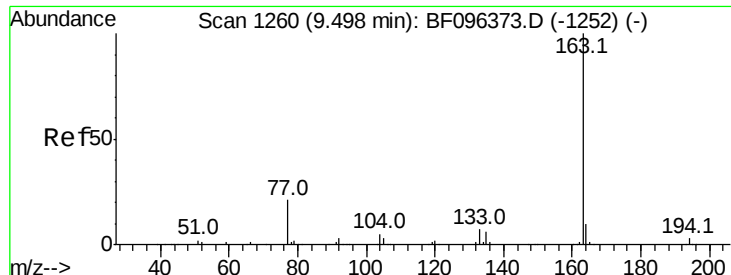
#44
 2-Fluorobiphenyl
 Concen: 66.60 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096384.D
 Acq: 1 Jul 2017 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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

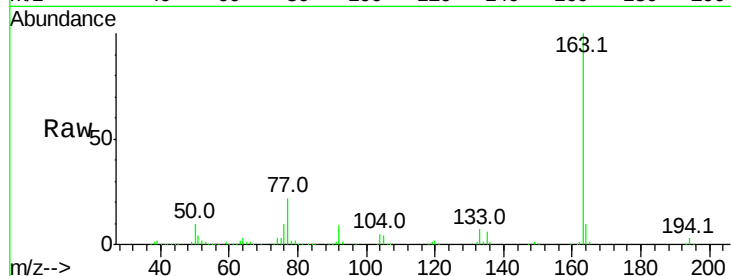




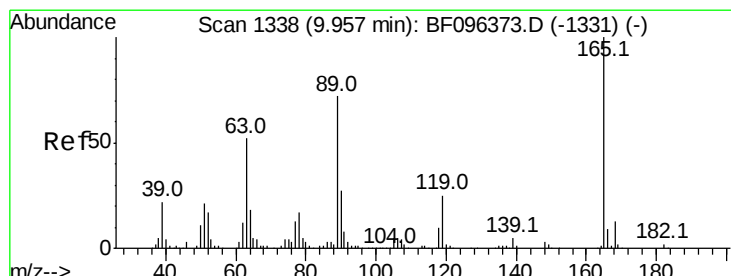
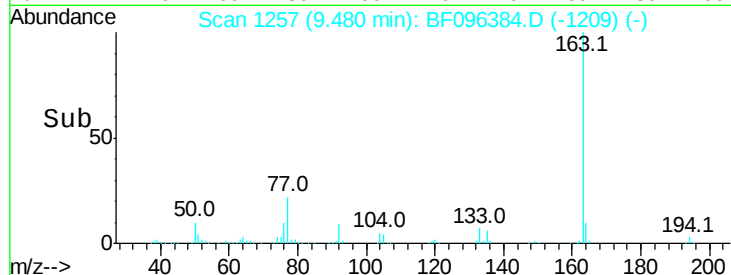
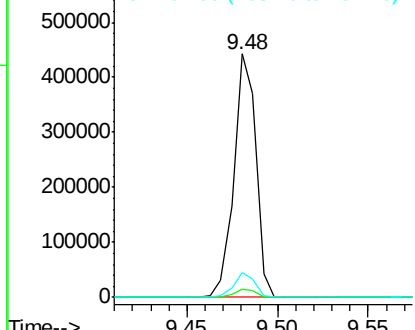
#49
 Dimethylphthalate
 Concen: 20.94 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF096384.D
 Acq: 1 Jul 2017 17:43

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	163	Resp:	374914
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6

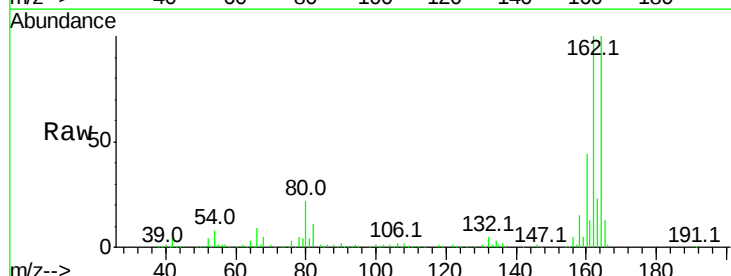


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

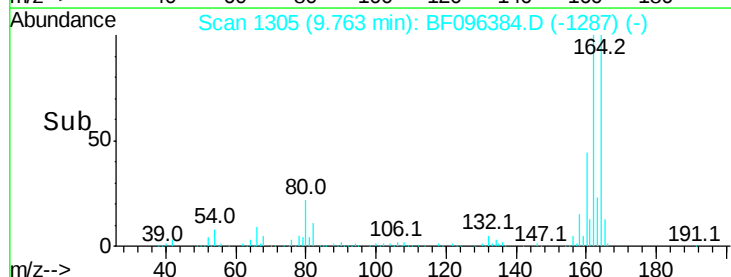
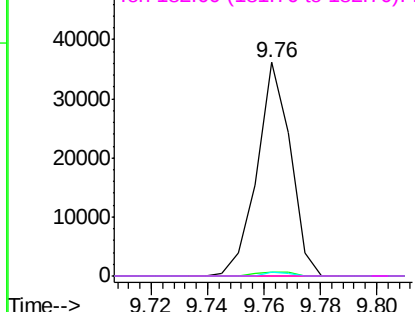


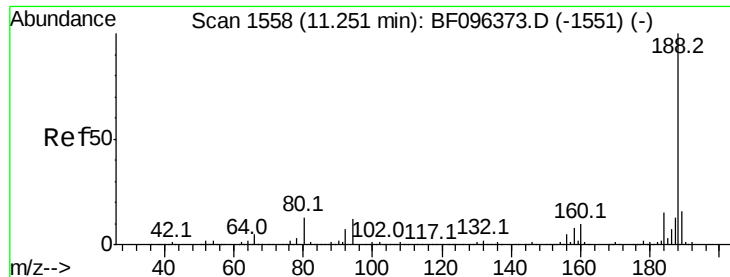
#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF096384.D
 Acq: 1 Jul 2017 17:43

Tgt Ion:	165	Resp:	29721
Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	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

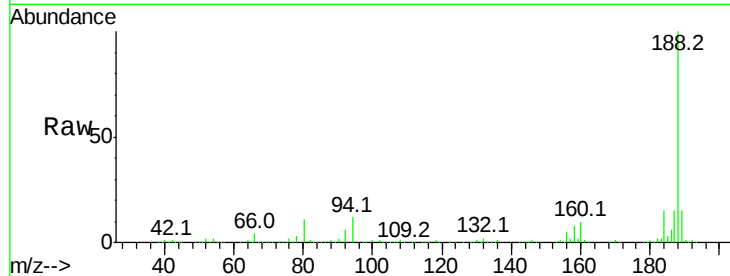




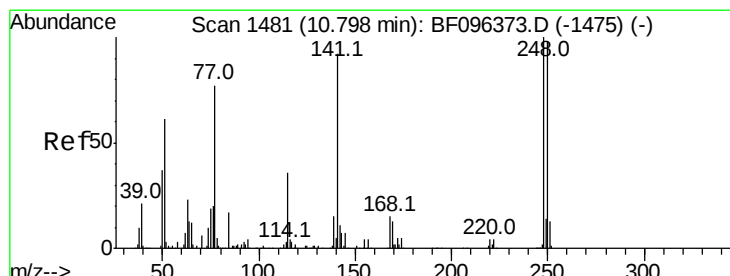
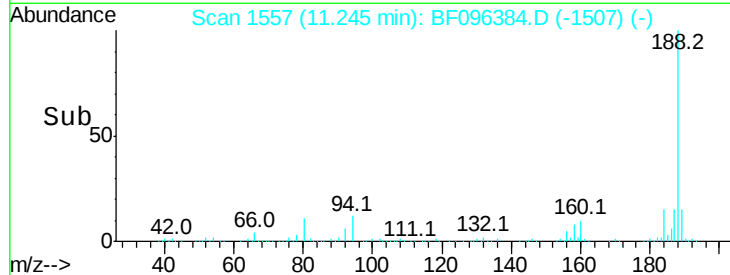
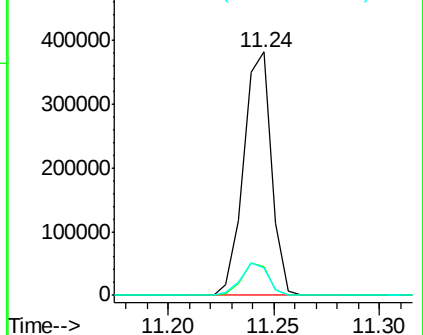
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096384.D
Acq: 1 Jul 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 349066
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.1 10.2 15.2

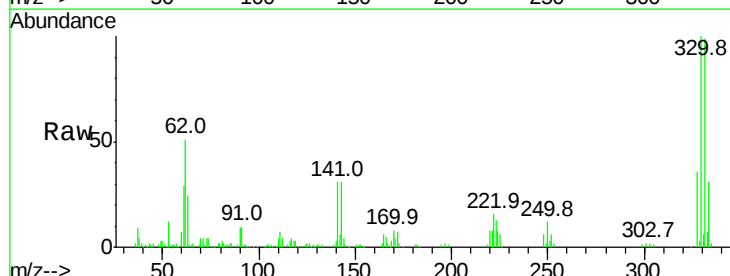


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

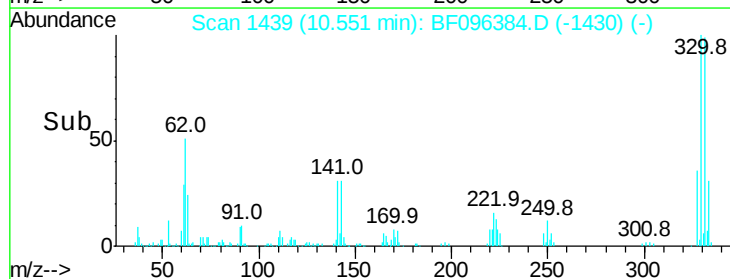
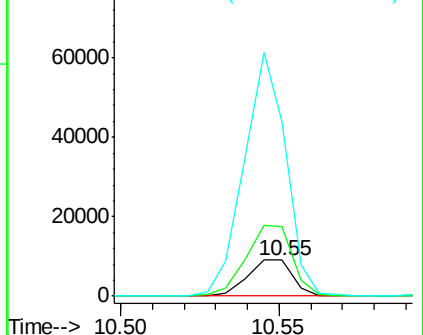


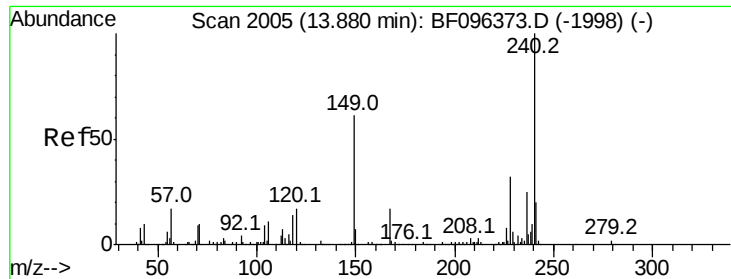
#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096384.D
Acq: 1 Jul 2017 17:43

Tgt Ion:248 Resp: 8977
Ion Ratio Lower Upper
248 100
250 193.5 76.8 115.2#
141 483.5 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

Instrument :

BNA_F

ClientSampleId :

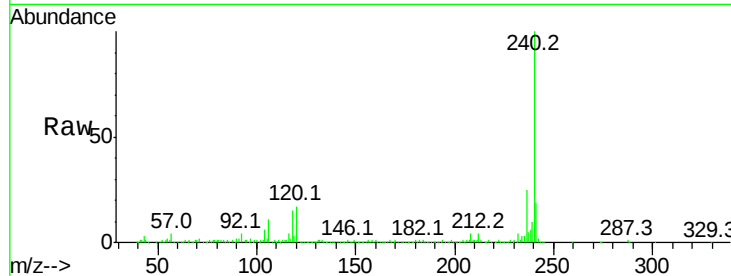
Tot Ion:240 Resp: 247773

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

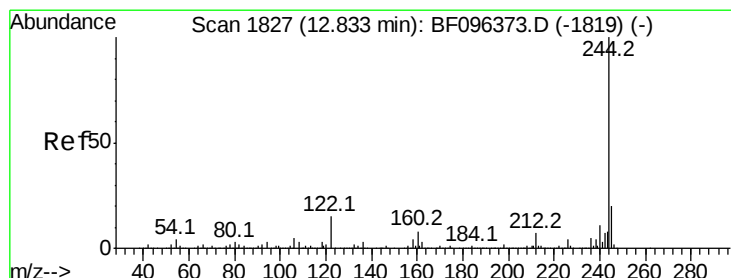
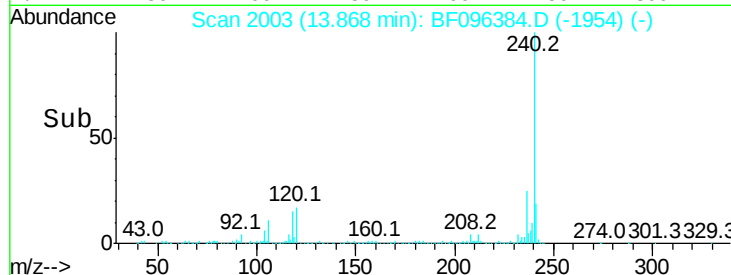
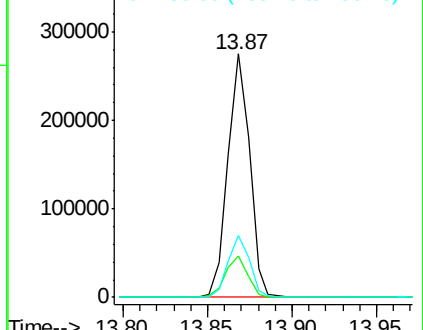
236 25.4 20.5 30.7



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: 46.20 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096384.D

Acq: 1 Jul 2017 17:43

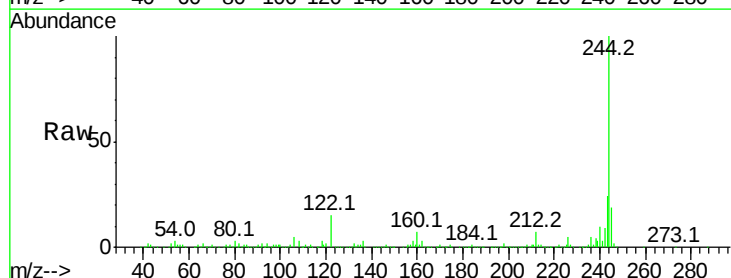
Tgt Ion:244 Resp: 535723

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

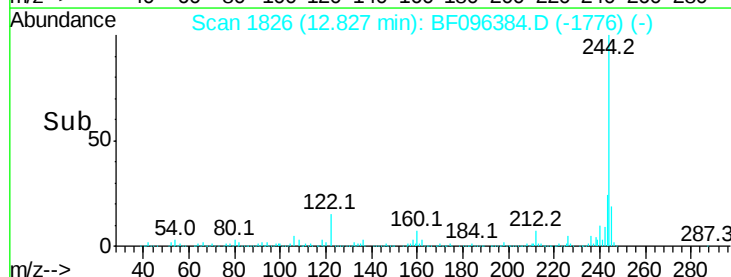
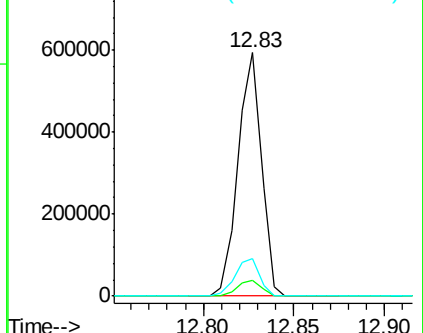
122 15.4 10.3 15.5

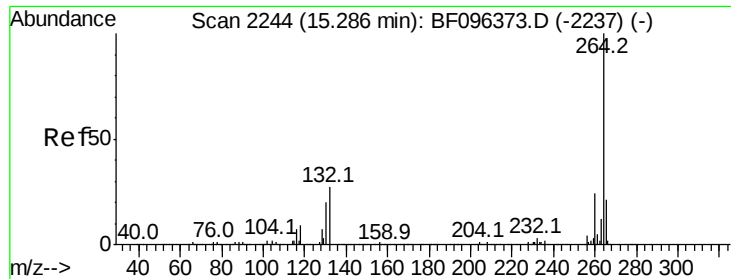


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

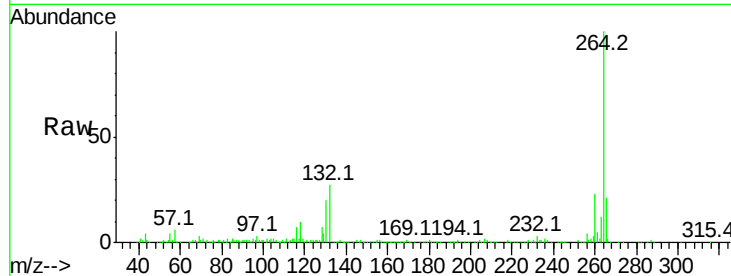




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096384.D
 Acq: 1 Jul 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.3	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

