

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096561.D
 Acq On : 7 Jul 2017 16:09
 Operator : SJ/MA
 Sample : I4064-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 16:38:20 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

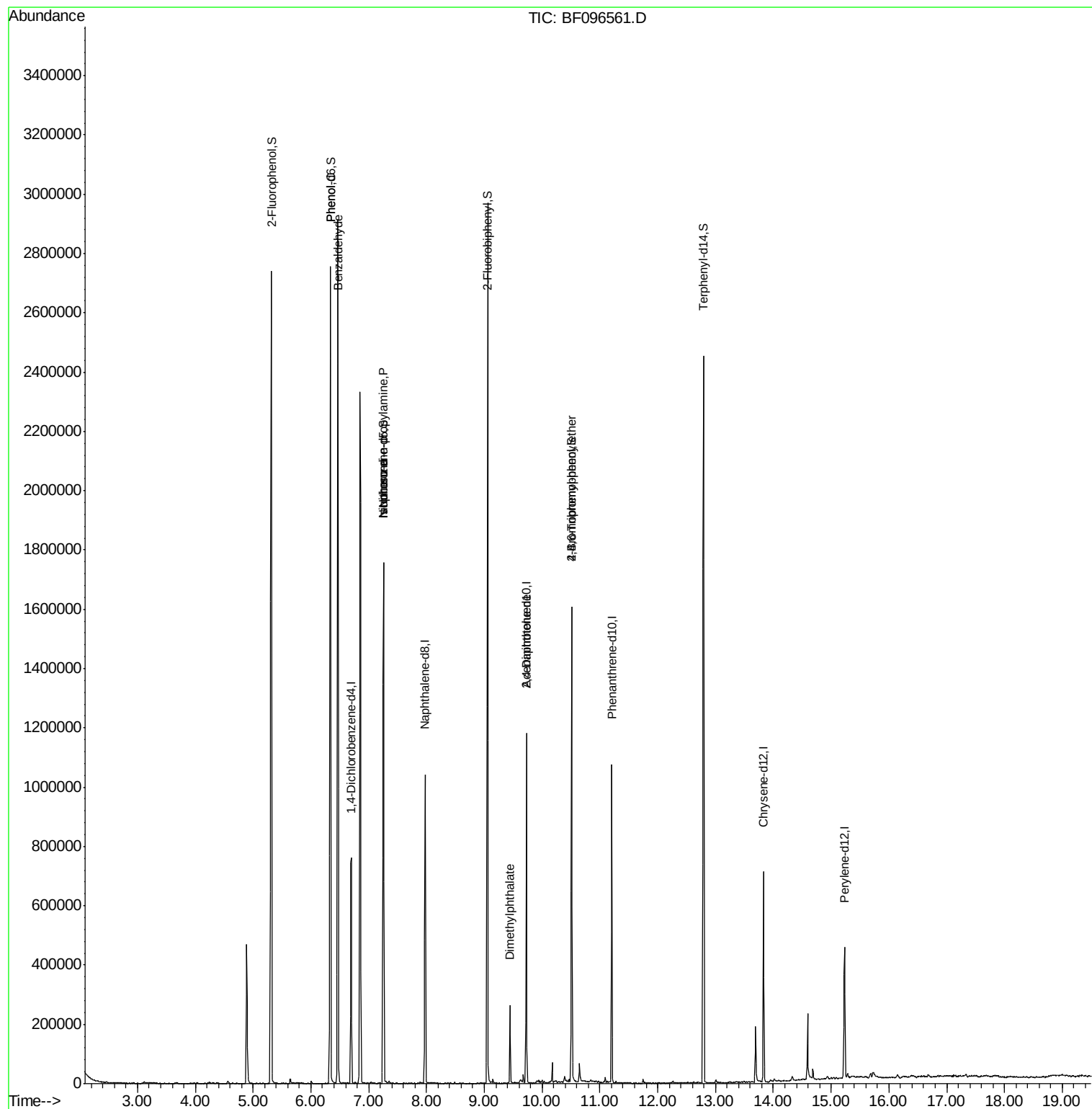
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114431	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	493992	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	223782	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	374592	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226147	20.00	ng	-0.01
86) Perylene-d12	15.23	264	176993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	833316	107.48	ng	0.00
7) Phenol-d6	6.34	99	1015942	106.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	547795	66.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	185676	106.22	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1031227	78.79	ng	0.00
78) Terphenyl-d14	12.79	244	801543	75.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	15956	2.67	ng	83
10) Phenol	6.35	94	33125	3.05	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	72804	12.82	ng	# 88
25) Isophorone	7.26	82	545431	34.22	ng	# 67
49) Dimethylphthalate	9.45	163	96654	5.79	ng	99
56) 2,4-Dinitrotoluene	9.73	165	27412	5.86	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	11945	3.28	ng	# 1

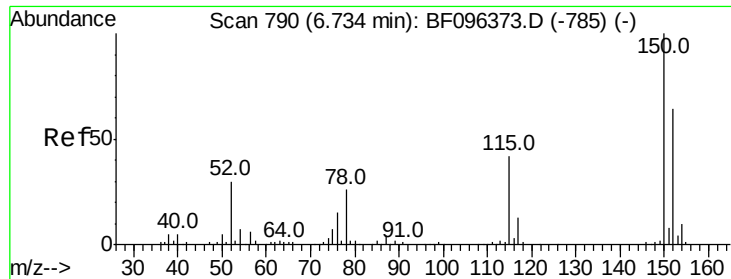
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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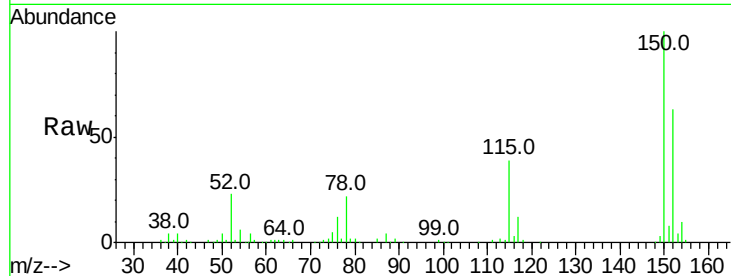


#1

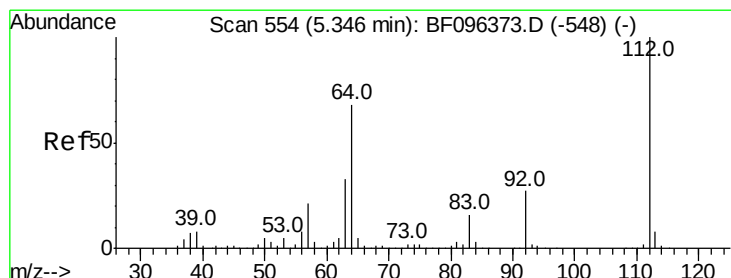
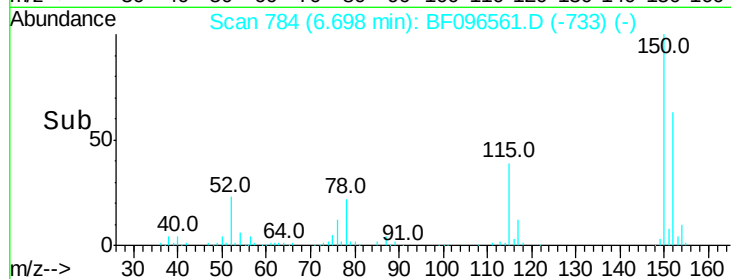
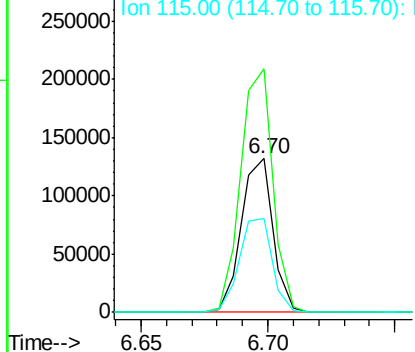
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114431
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.4 52.2 78.2



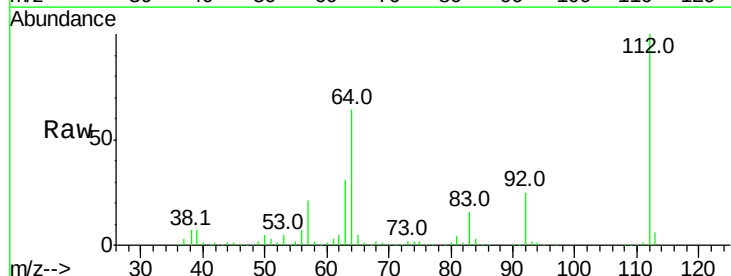
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



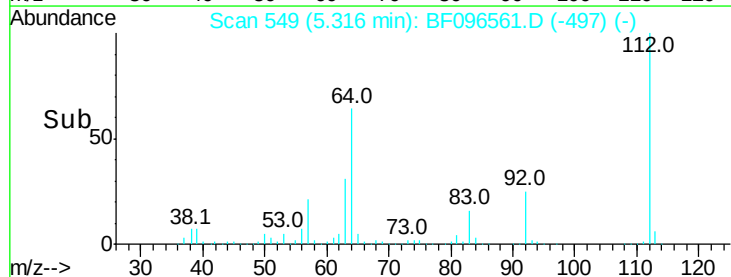
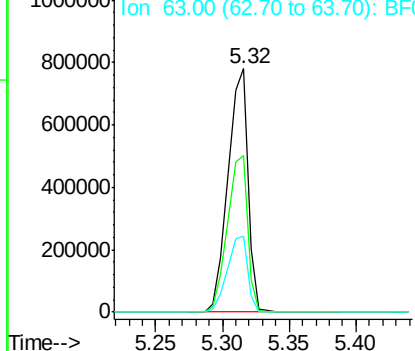
#5

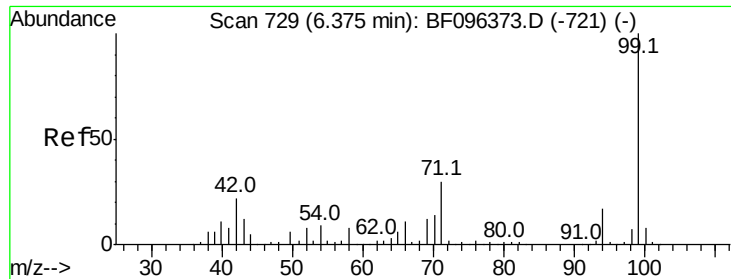
2-Fluorophenol
Concen: 107.48 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Tgt Ion:112 Resp: 833316
Ion Ratio Lower Upper
112 100
64 64.1 46.0 69.0
63 31.2 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: 106.59 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

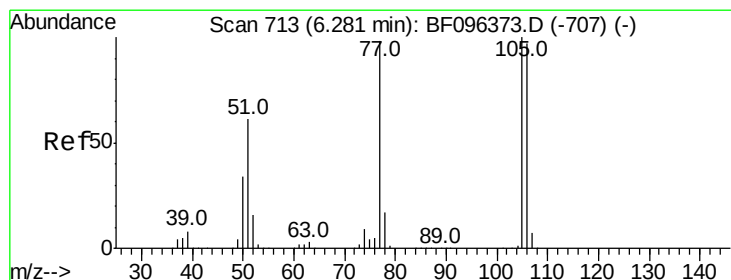
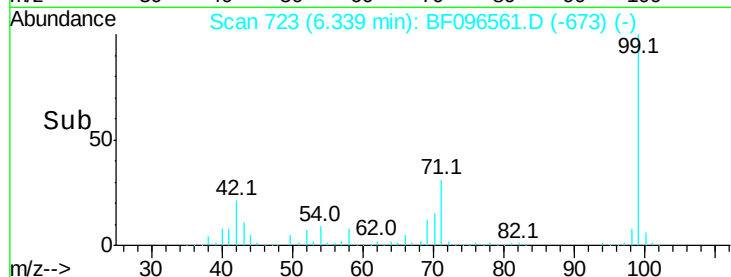
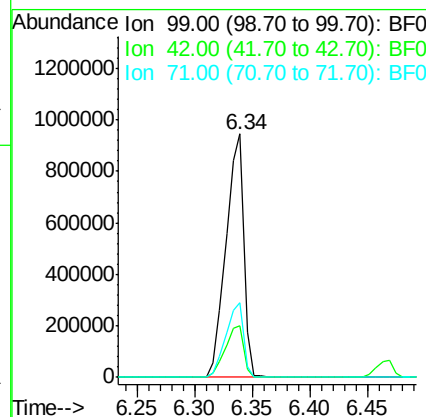
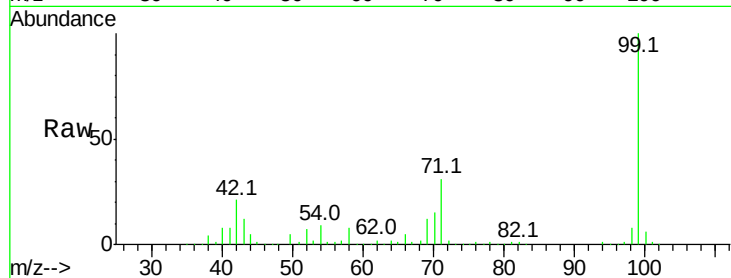
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1015942

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	30.8	24.5	36.7



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.47 min Scan# 745

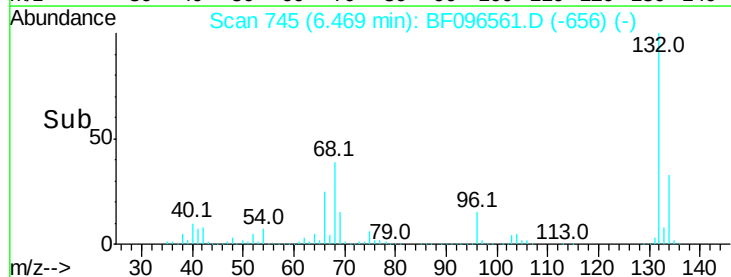
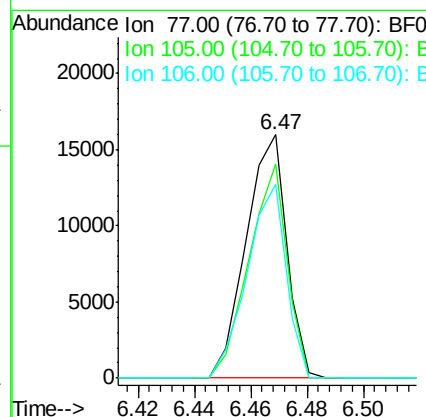
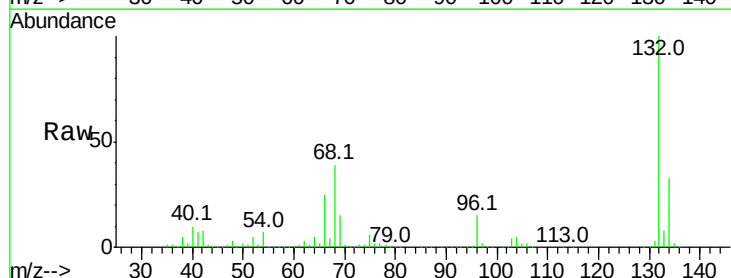
Delta R.T. 0.22 min

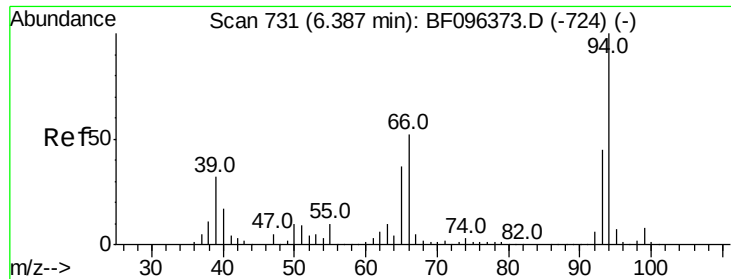
Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Tgt Ion: 77 Resp: 15956

Ion	Ratio	Lower	Upper
77	100		
105	88.1	83.8	123.8
106	79.7	79.1	119.1





#10

Phenol

Concen: 3.05 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

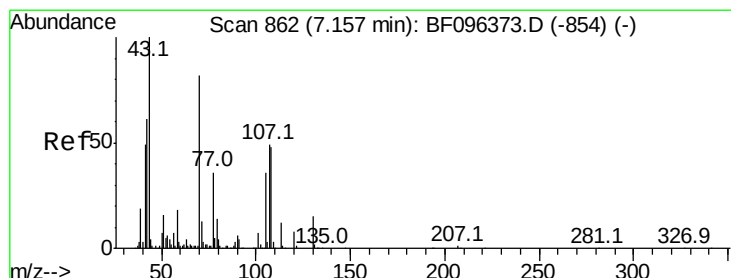
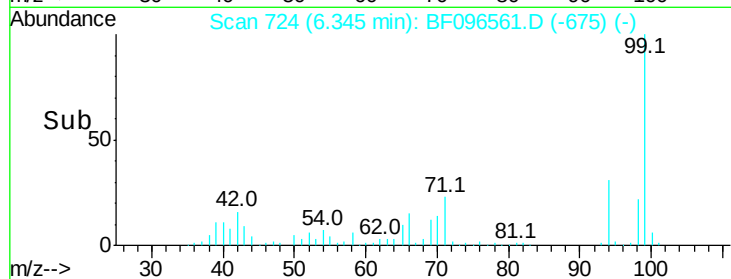
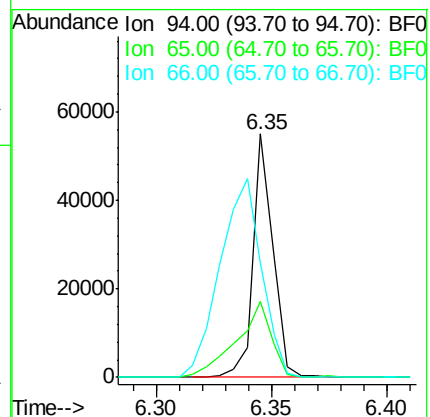
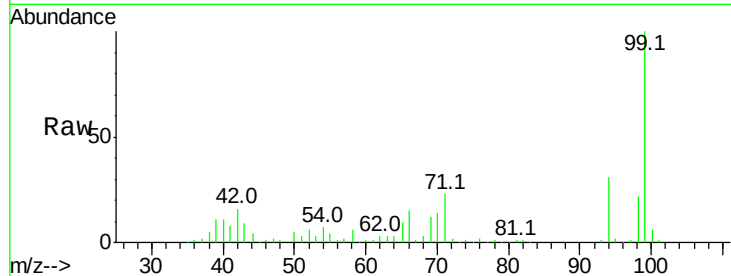
Tot Ion: 94 Resp: 33125

Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

66 46.9 23.1 63.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.82 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Tgt Ion: 70 Resp: 72804

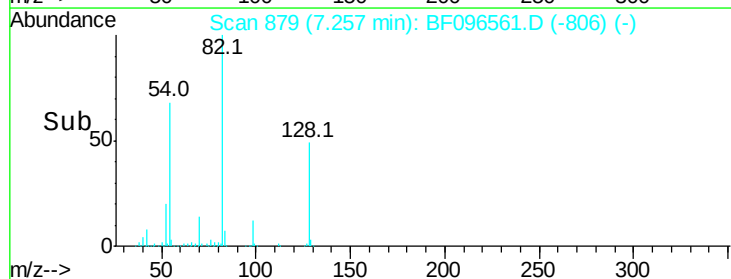
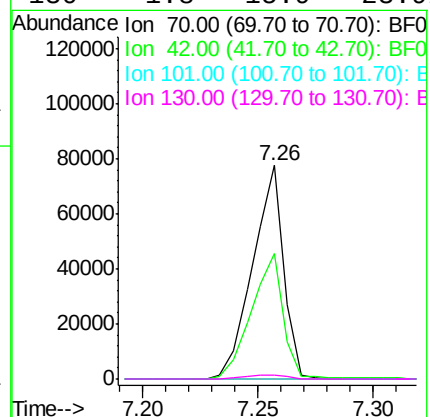
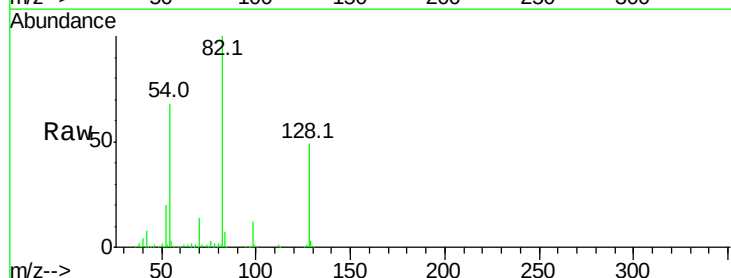
Ion Ratio Lower Upper

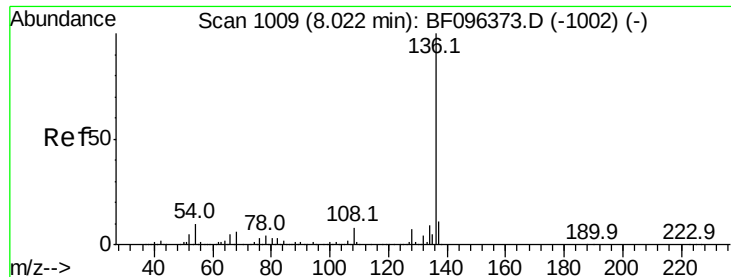
70 100

42 58.9 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096561.D

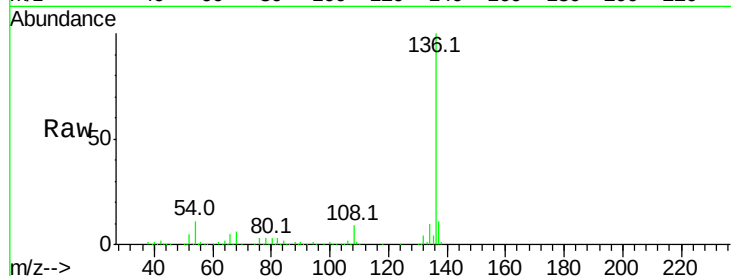
Acq: 7 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	493992
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	10.7	4.9 7.3#
68	5.9	4.1 6.1

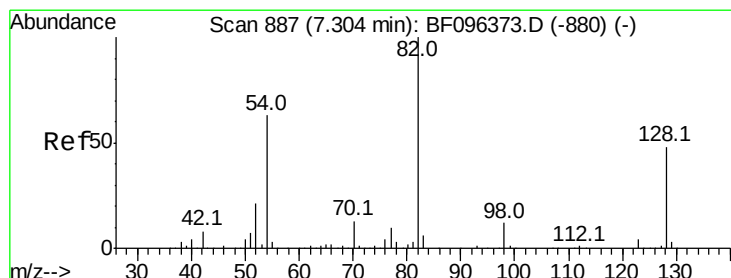
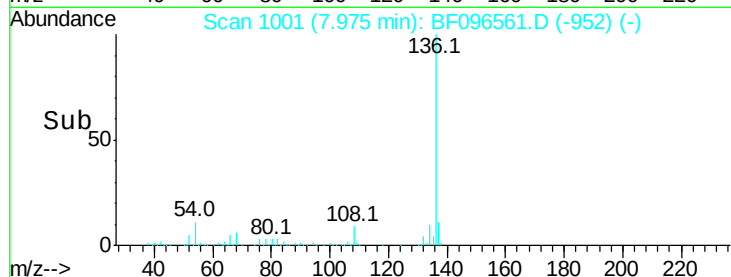
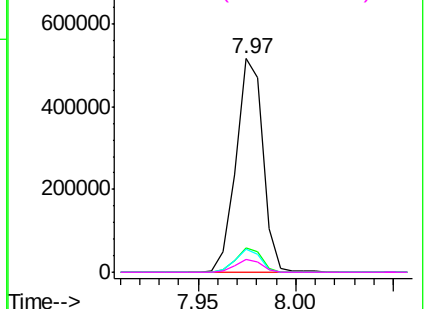


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.64 ng

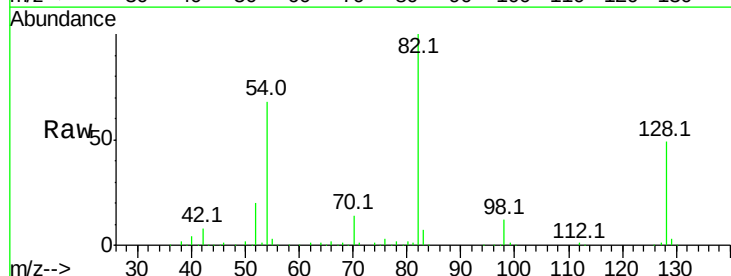
RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

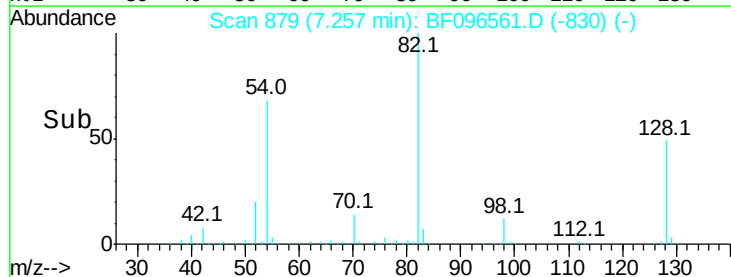
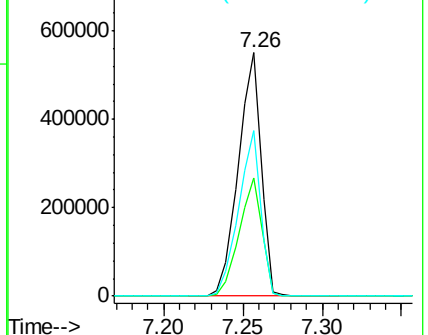
Tgt Ion: 82	Resp:	547795
Ion Ratio	Lower	Upper
82	100	
128	48.7	34.0 51.0
54	68.0	42.2 63.2#

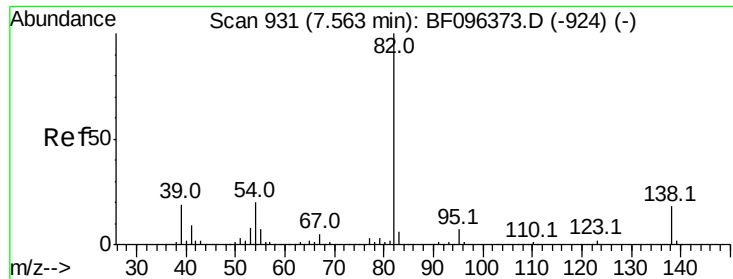


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.22 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.27 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

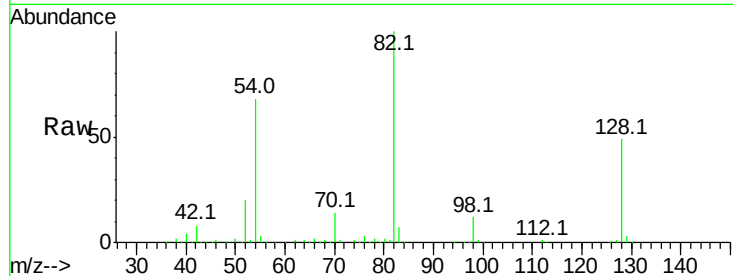
Tot Ion: 82 Resp: 545431

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

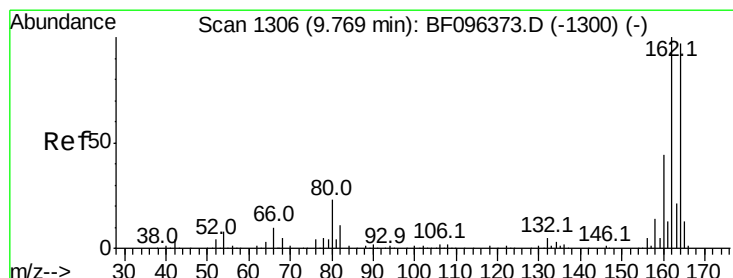
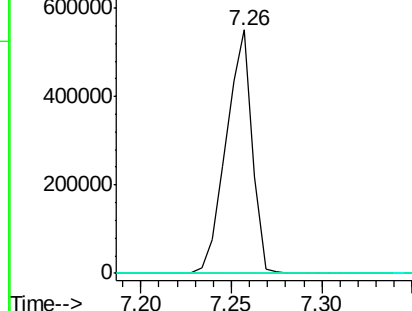
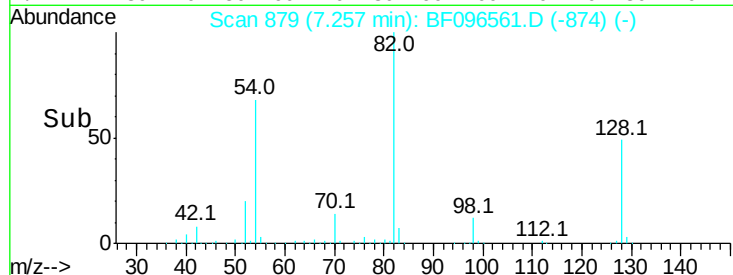
138 0.0 13.1 19.7#



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

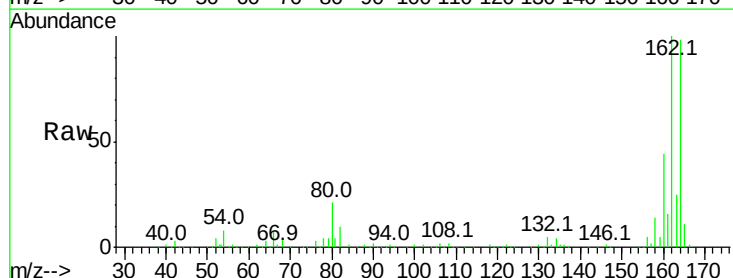
Tgt Ion:164 Resp: 223782

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

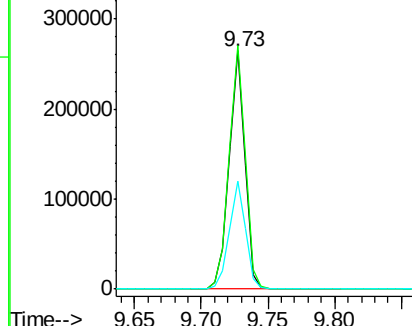
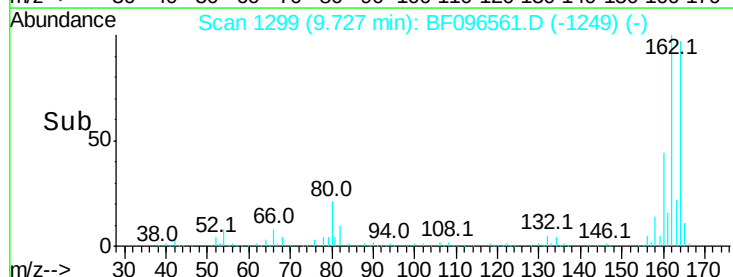
160 45.1 36.2 54.2

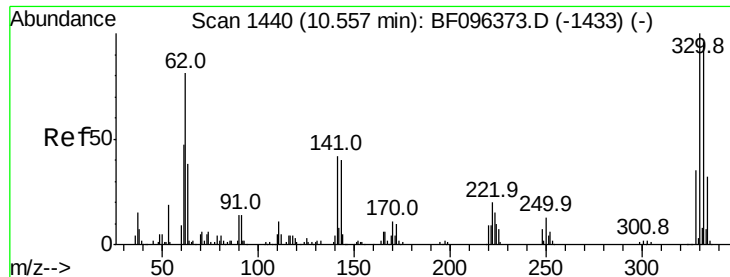


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

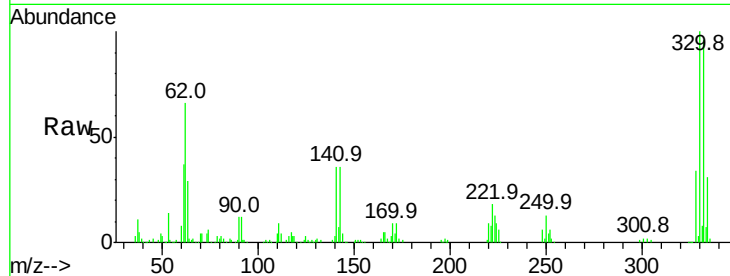




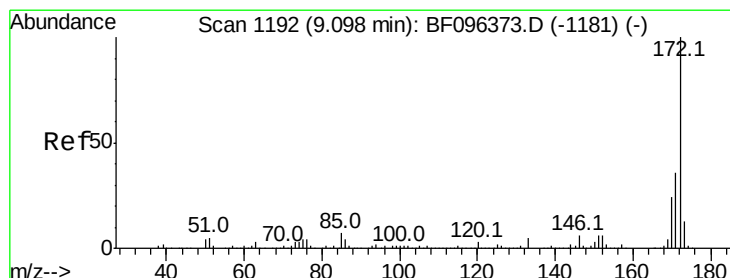
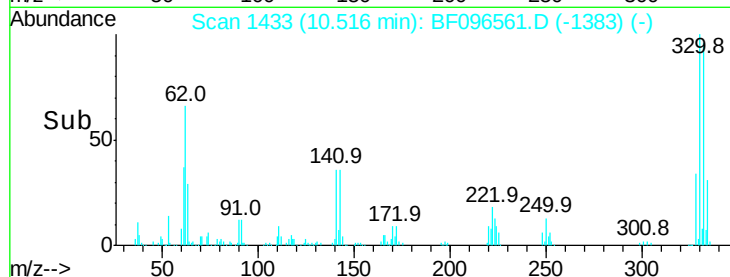
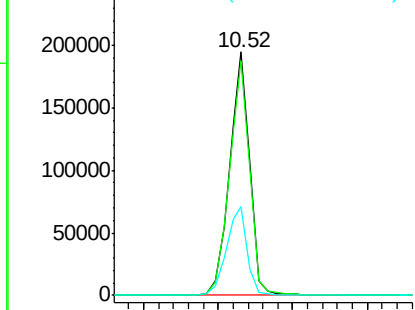
#41
 2,4,6-Tribromophenol
 Concen: 106.22 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 185676
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.5 31.4 47.2

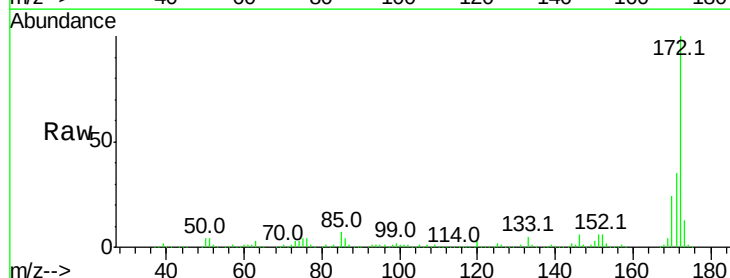


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

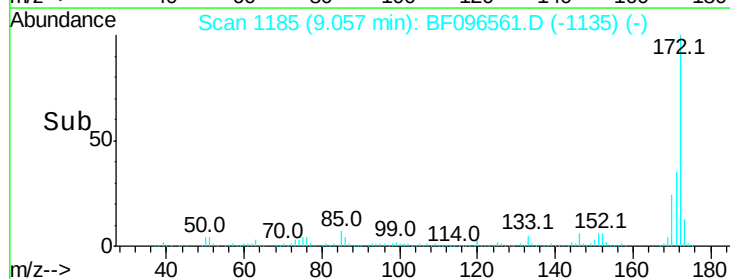
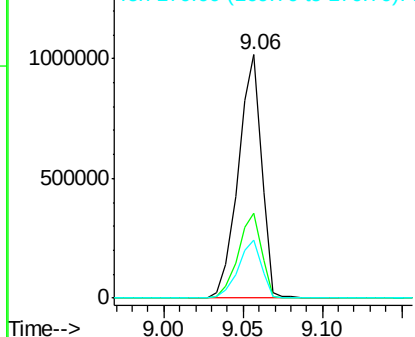


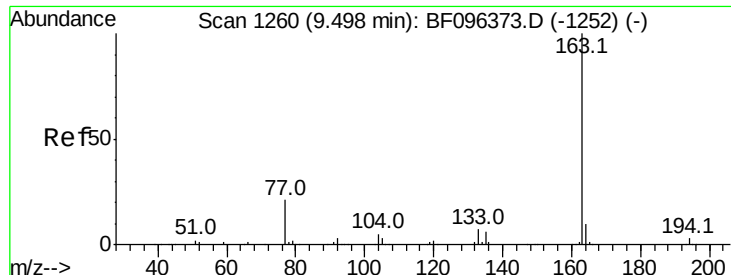
#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Tgt Ion:172 Resp: 1031227
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 24.1 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

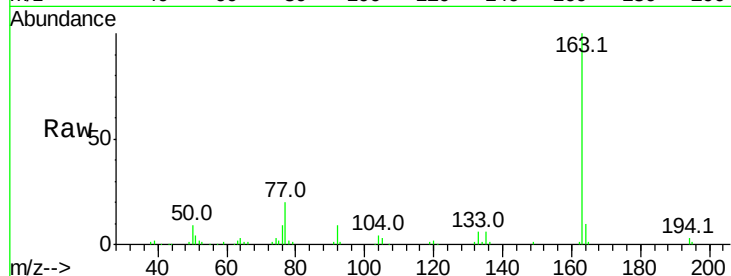




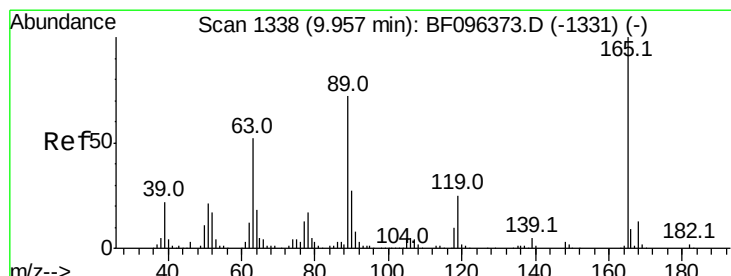
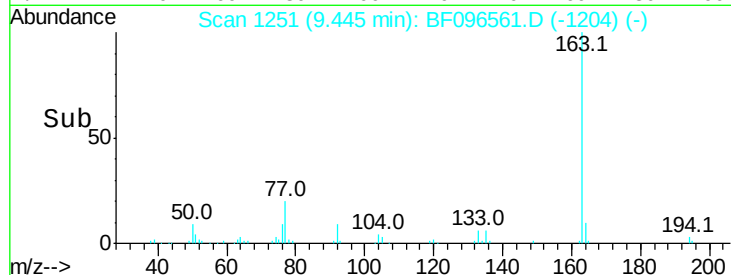
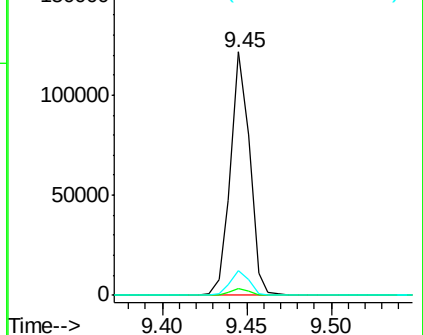
#49
Dimethylphthalate
Concen: 5.79 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 96654
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.4 8.4 12.6

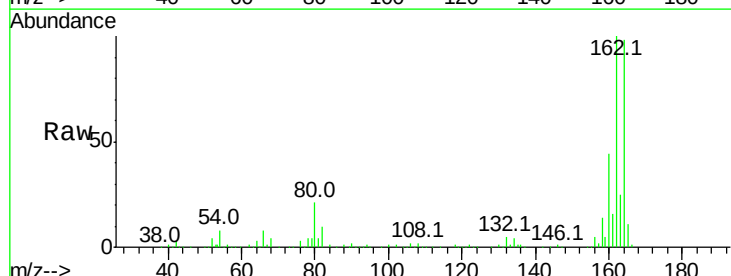


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

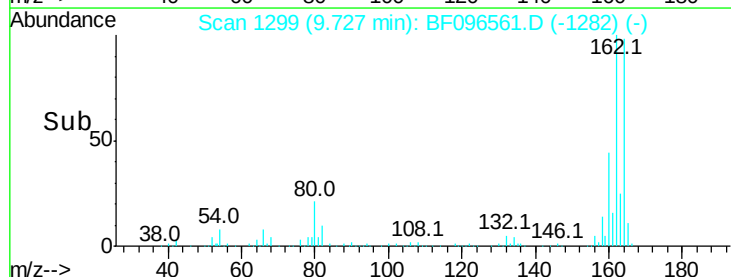
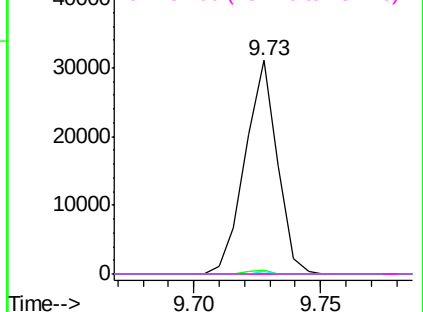


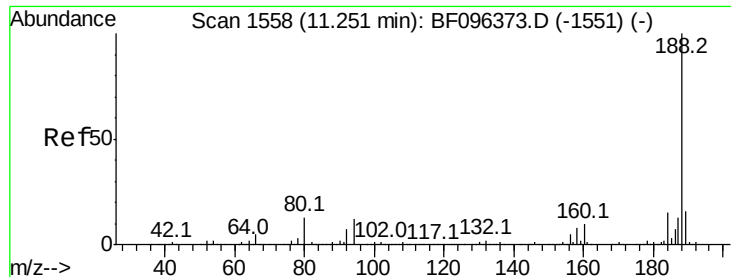
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Tgt Ion:165 Resp: 27412
Ion Ratio Lower Upper
165 100
63 1.8 25.4 38.0#
89 1.2 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

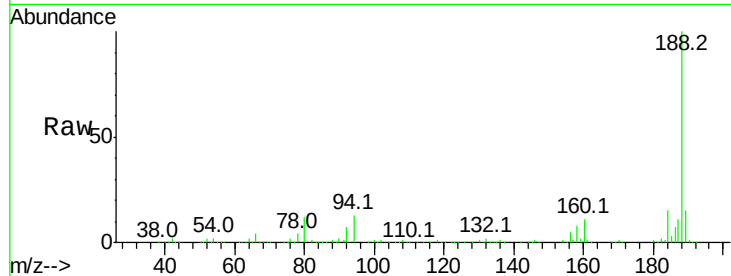




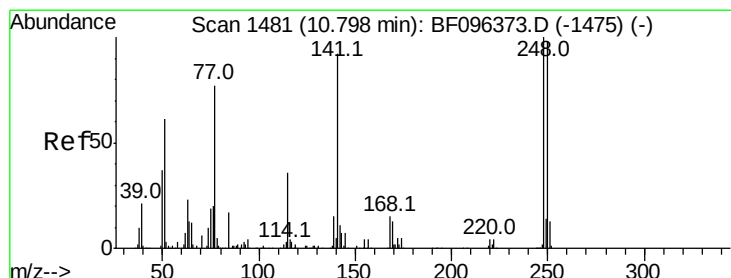
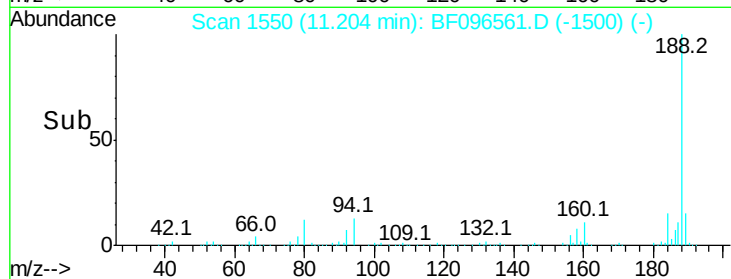
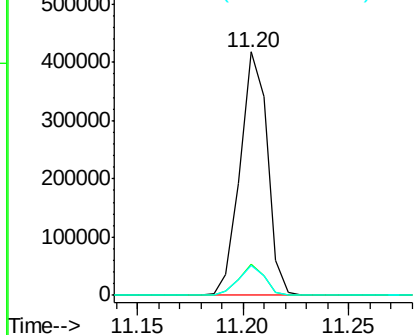
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 374592
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.4 14.2
 80 12.3 10.2 15.2

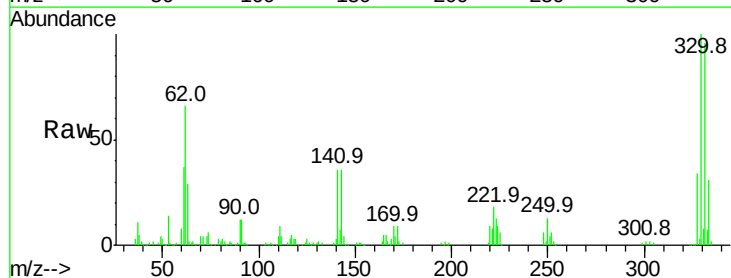


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

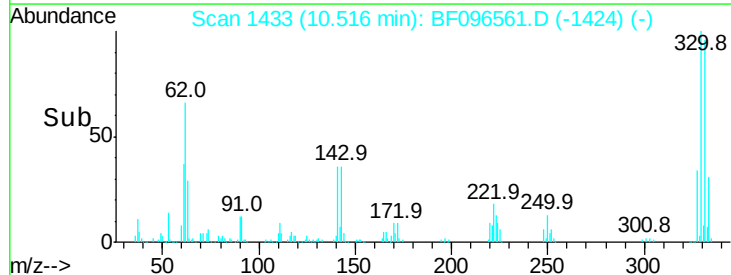
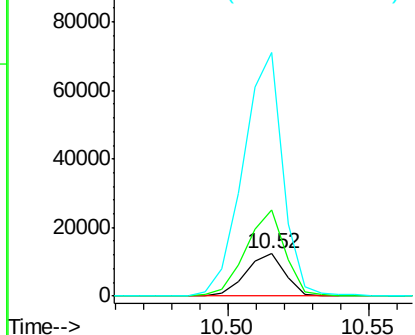


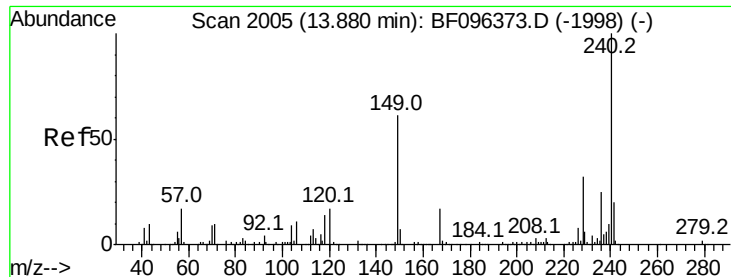
#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Tgt Ion:248 Resp: 11945
 Ion Ratio Lower Upper
 248 100
 250 203.5 76.8 115.2#
 141 575.1 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

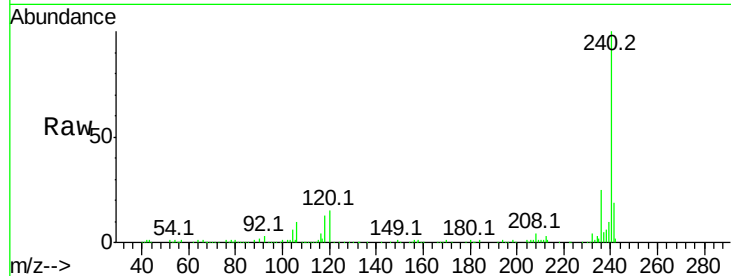
Tot Ion:240 Resp: 226147

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

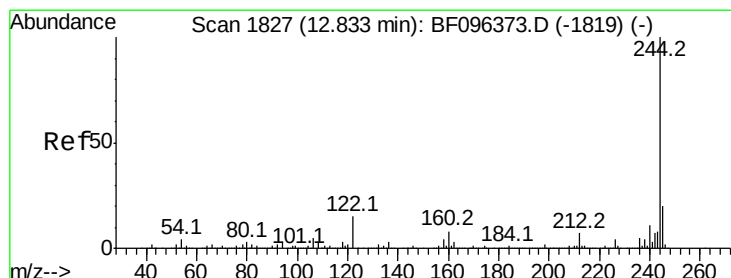
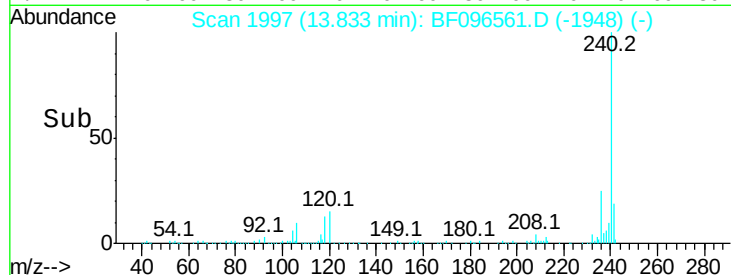
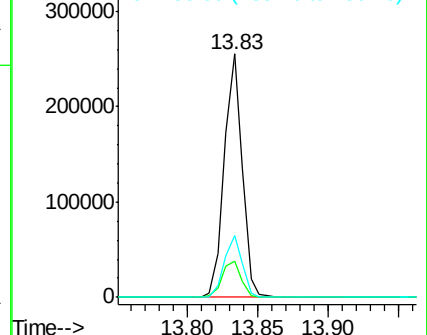
236 25.3 20.5 30.7



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: 75.74 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

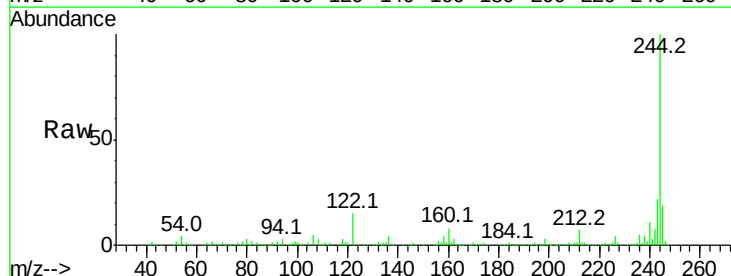
Tgt Ion:244 Resp: 801543

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

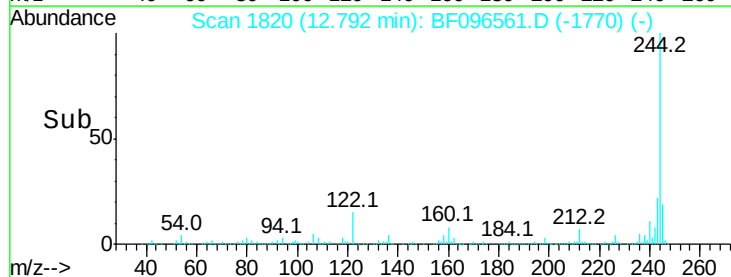
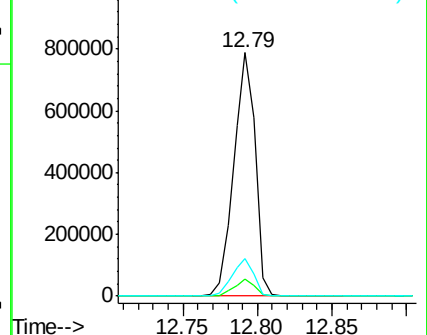
122 15.2 10.3 15.5

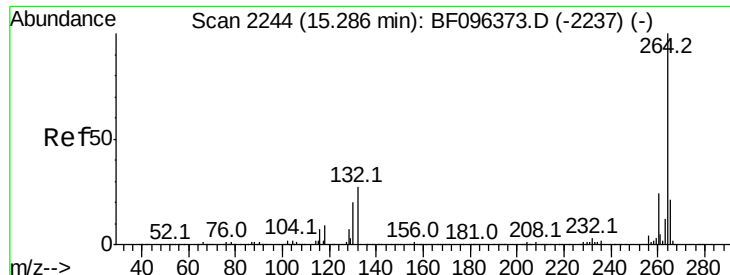


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

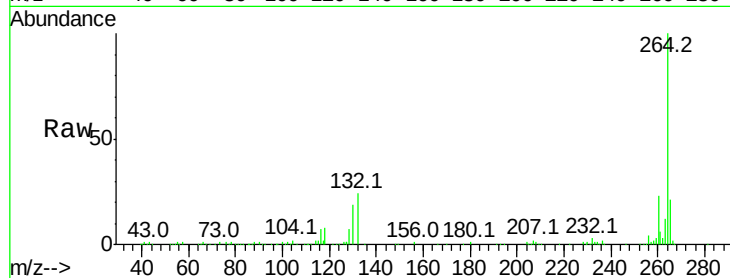




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.1	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

