

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086389.D
 Acq On : 23 Apr 2016 14:35
 Operator : UM/SJ
 Sample : H2640-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Quant Time: Apr 25 00:51:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

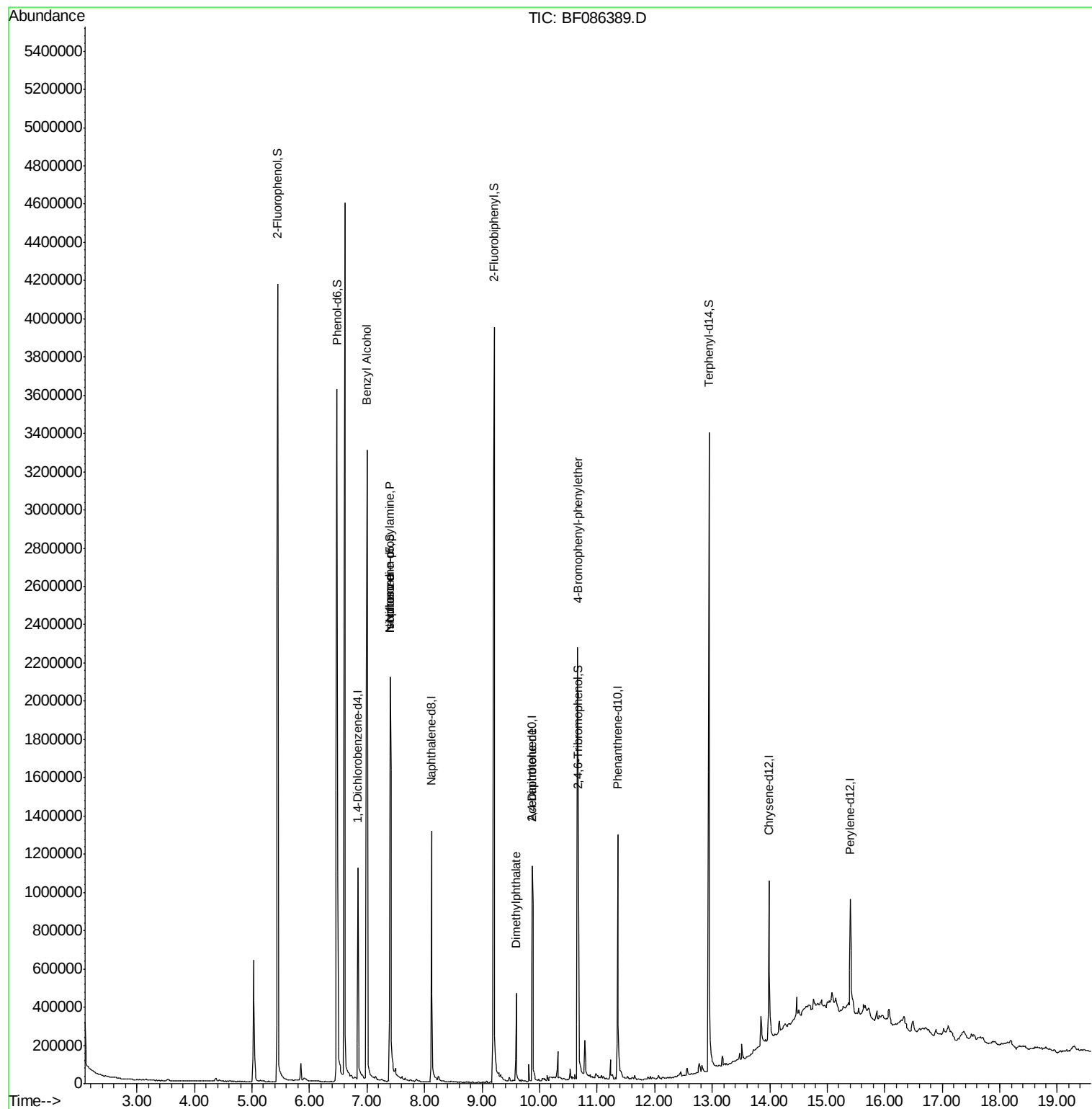
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	191922	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	750278	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	332554	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	571383	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	397711	20.00	ng	-0.01
86) Perylene-d12	15.40	264	336649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1493829	134.42	ng	0.02
7) Phenol-d6	6.48	99	1769118	117.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	1169848	92.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	373321	124.01	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1912322	98.13	ng	0.00
78) Terphenyl-d14	12.94	244	1302122	81.35	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	19883	2.22	ng	# 40
19) n-Nitroso-di-n-propylamine	7.40	70	150280	16.64	ng	# 84
25) Isophorone	7.40	82	1154531	46.51	ng	# 68
49) Dimethylphthalate	9.60	163	211825	8.82	ng	99
56) 2,4-Dinitrotoluene	9.87	165	41004	5.95	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	22878	4.09	ng	# 1

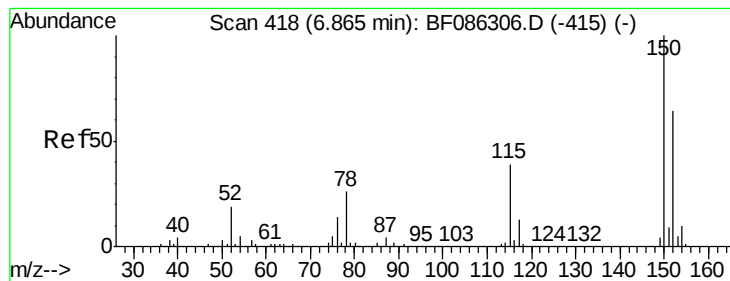
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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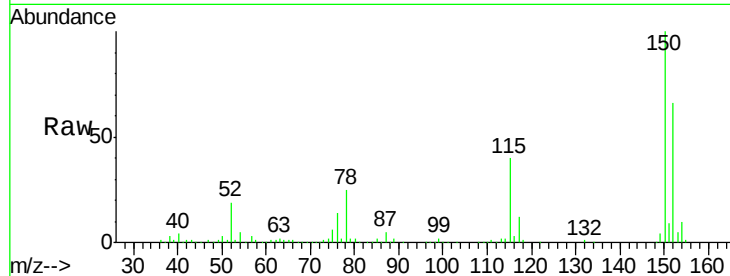


#1

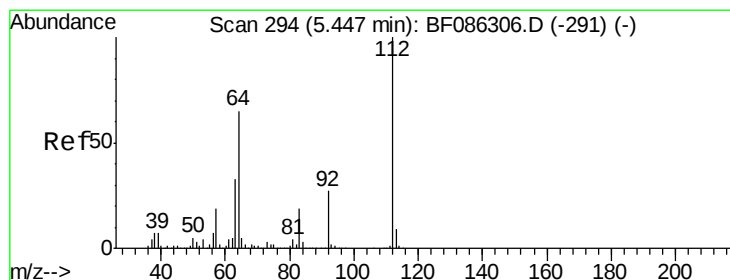
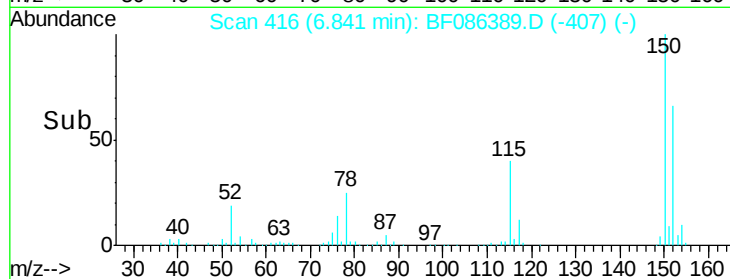
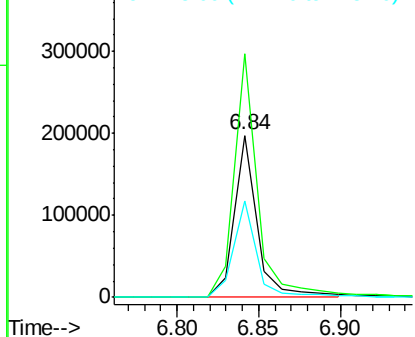
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086389.D
Acq: 23 Apr 2016 14:35

Instrument :
BNA_F
ClientSampleId :
WPG-B12(5-9.5)-C

Tgt Ion:152 Resp: 191922
Ion Ratio Lower Upper
152 100
150 150.5 125.8 188.6
115 60.0 51.5 77.3



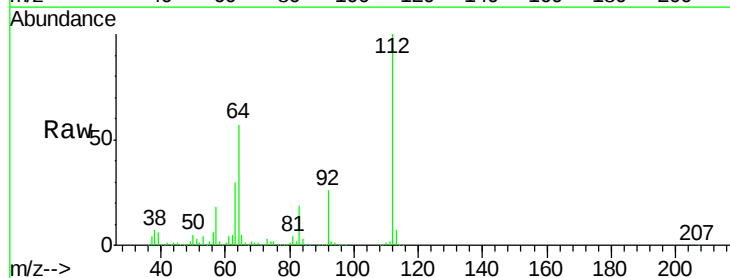
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



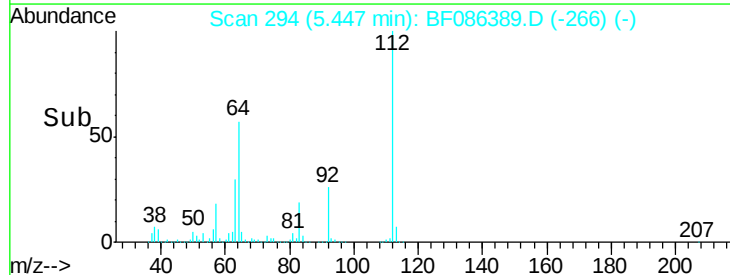
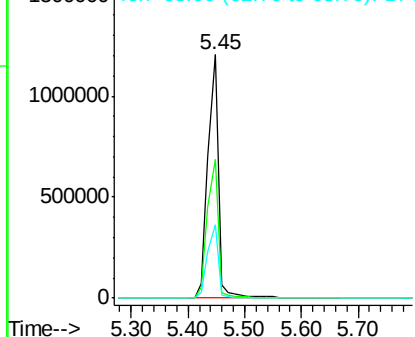
#5

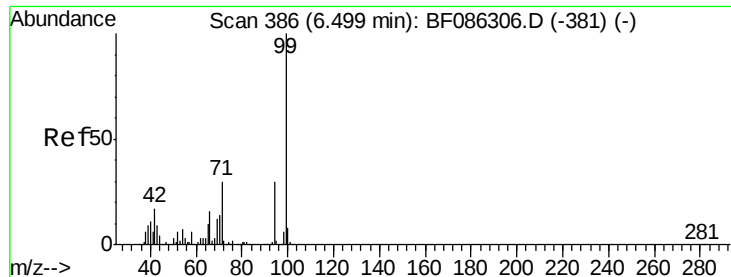
2-Fluorophenol
Concen: 134.42 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086389.D
Acq: 23 Apr 2016 14:35

Tgt Ion:112 Resp: 1493829
Ion Ratio Lower Upper
112 100
64 57.1 52.1 78.1
63 30.2 25.7 38.5



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: 117.09 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

Instrument :

BNA_F

ClientSampleId :

WPG-B12(5-9.5)-C

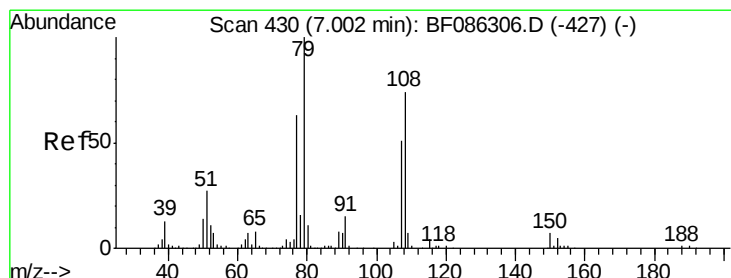
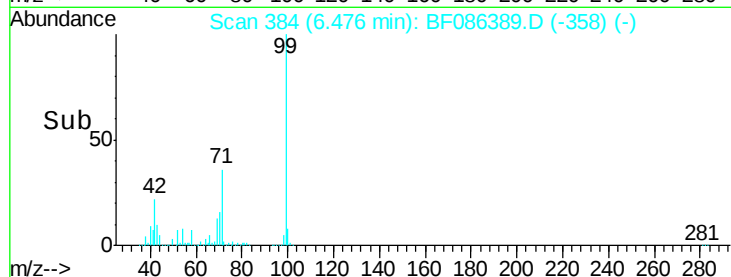
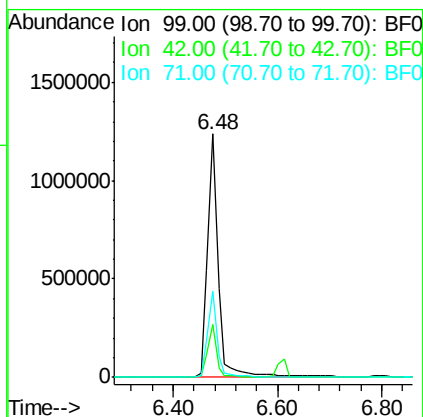
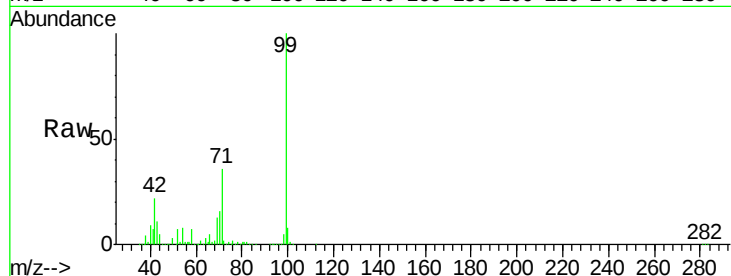
Tgt Ion: 99 Resp: 1769118

Ion Ratio Lower Upper

99 100

42 21.7 13.6 20.4#

71 35.6 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

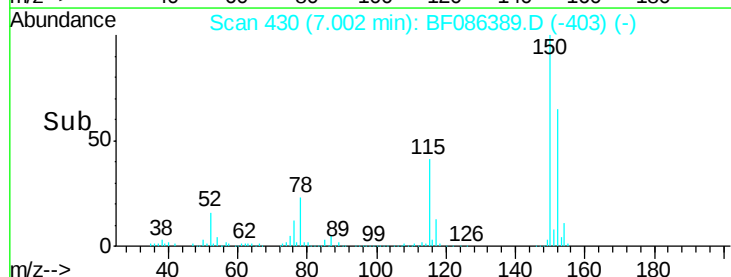
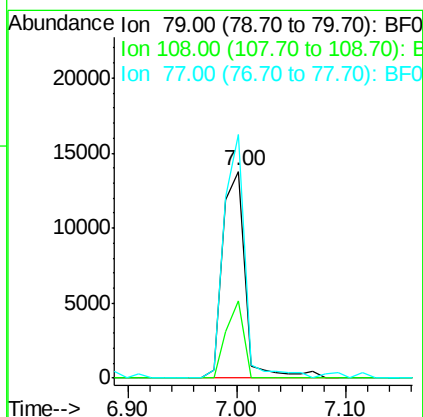
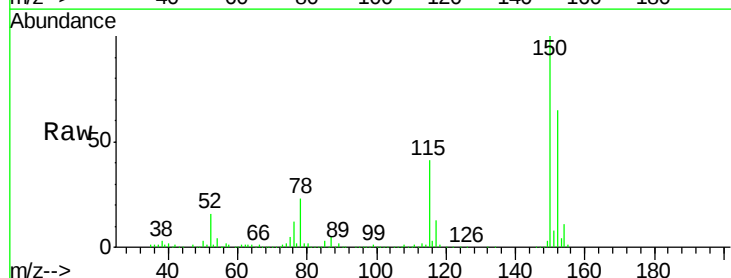
Tgt Ion: 79 Resp: 19883

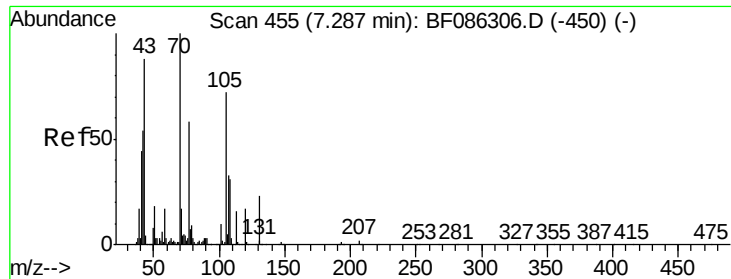
Ion Ratio Lower Upper

79 100

108 37.0 68.4 102.6#

77 117.5 50.6 76.0#

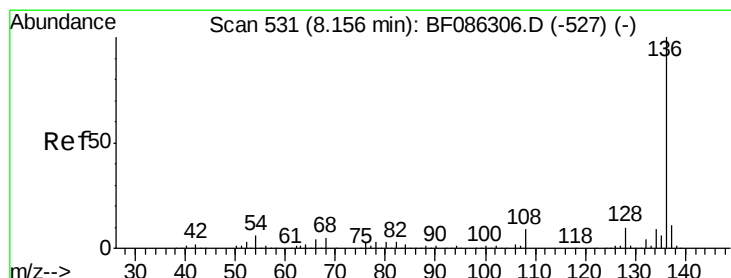
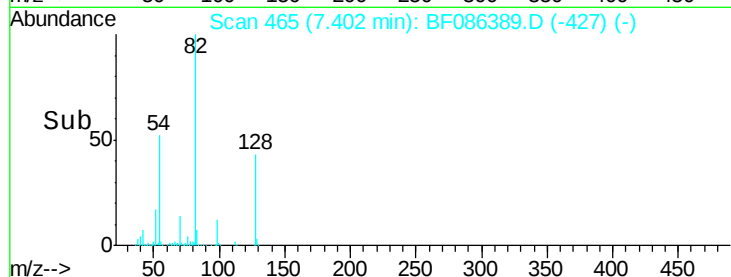
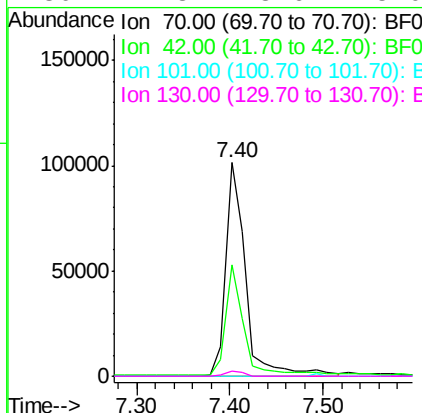
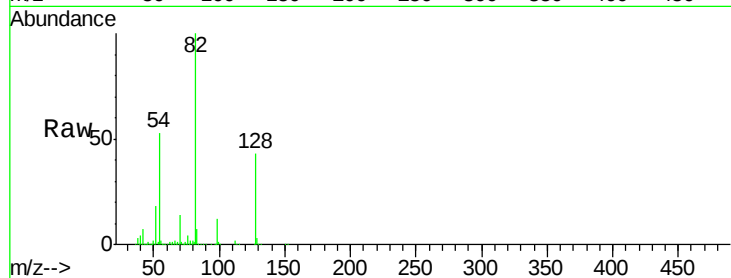




#19
n-Nitroso-di-n-propylamine
Concen: 16.64 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086389.D
Acq: 23 Apr 2016 14:35

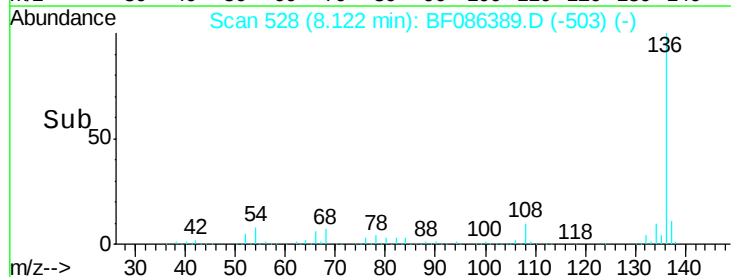
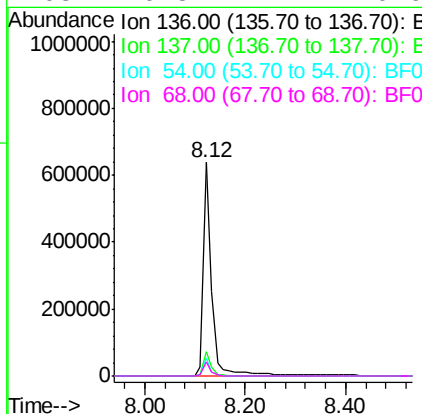
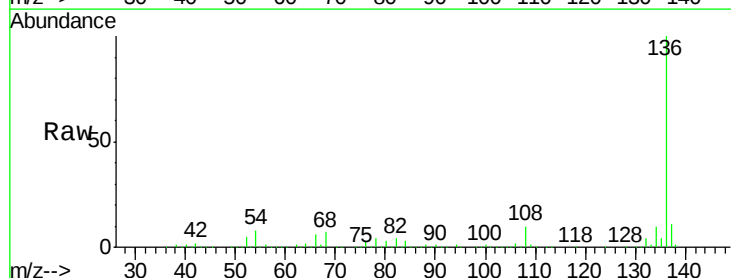
Instrument :
BNA_F
ClientSampleId :
WPG-B12(5-9.5)-C

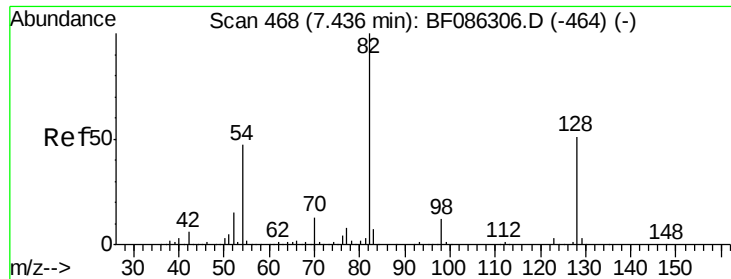
Tgt Ion: 70 Resp: 150280
Ion Ratio Lower Upper
70 100
42 52.3 43.1 64.7
101 0.0 8.1 12.1#
130 2.3 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086389.D
Acq: 23 Apr 2016 14:35

Tgt Ion: 136 Resp: 750278
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.4 5.0 7.4#
68 6.8 4.4 6.6#



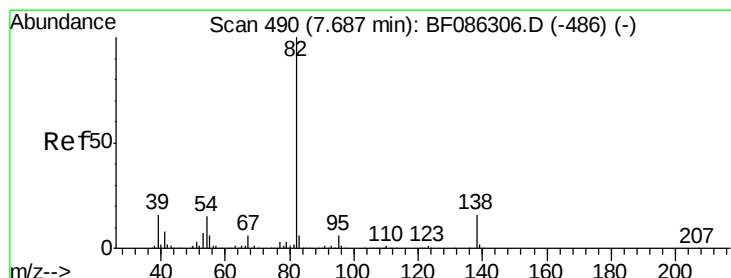
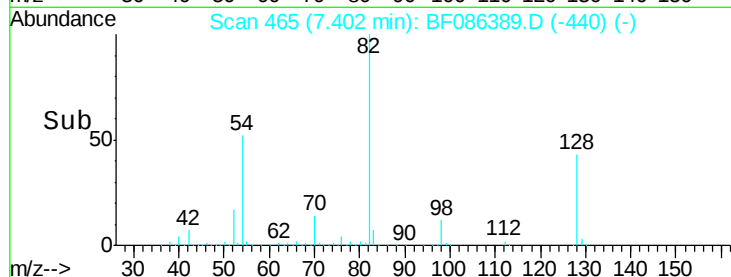
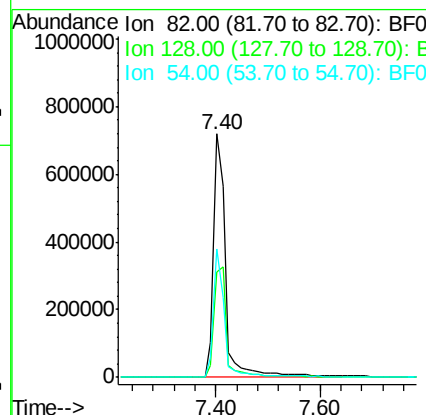
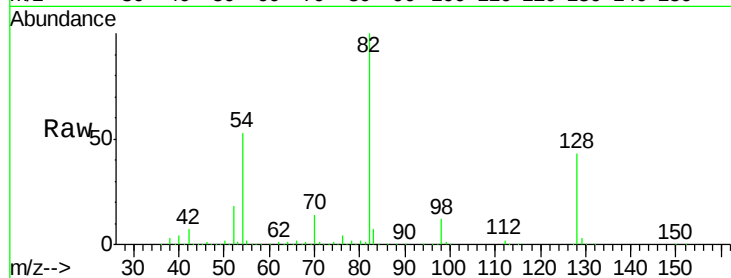


#23
 Nitrobenzene-d5
 Concen: 92.37 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tgt Ion: 82 Resp: 1169848

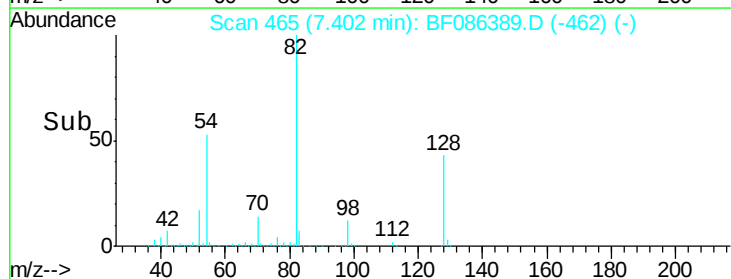
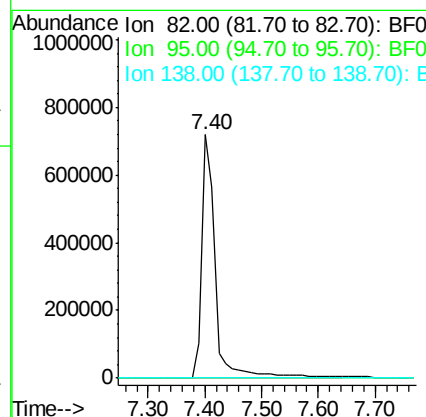
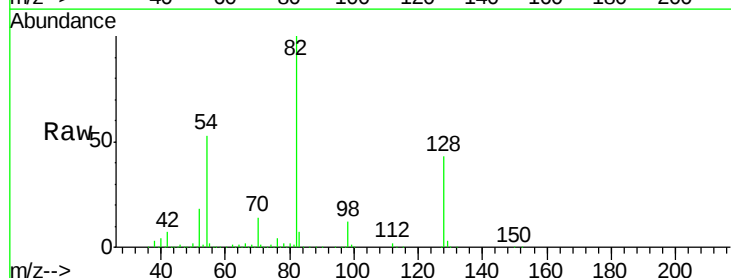
Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	61.0
54	52.5	38.1	57.1

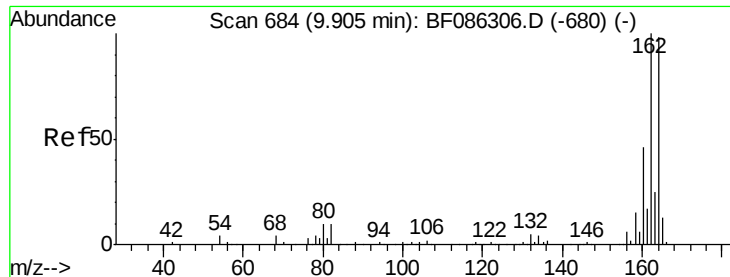


#25
 Isophorone
 Concen: 46.51 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.26 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion: 82 Resp: 1154531

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

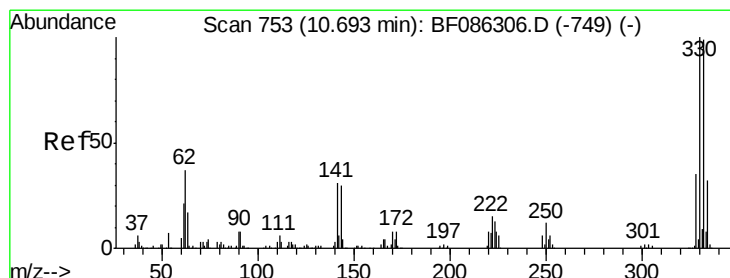
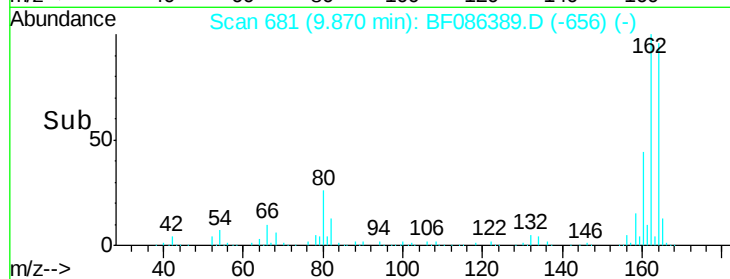
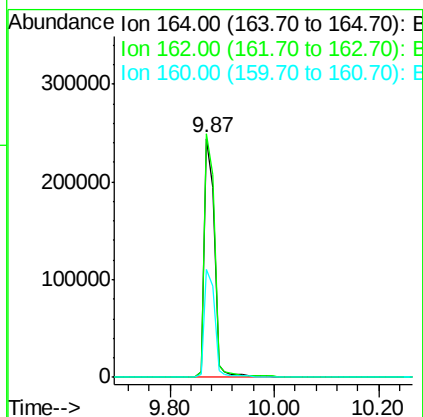
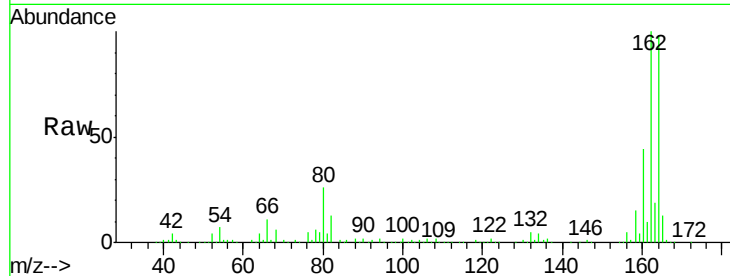




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

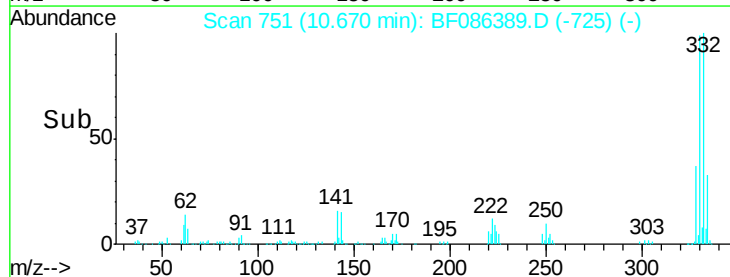
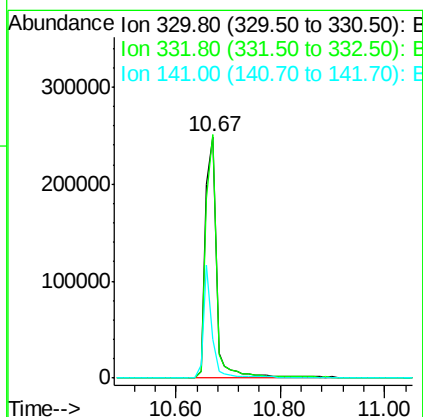
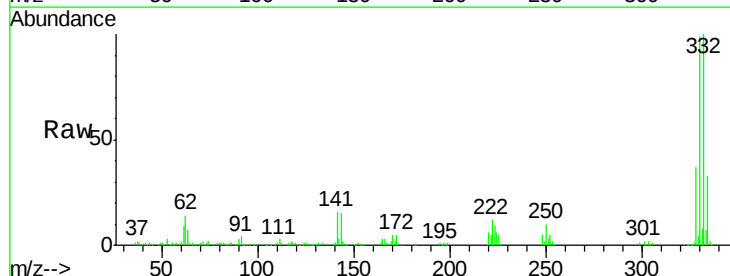
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

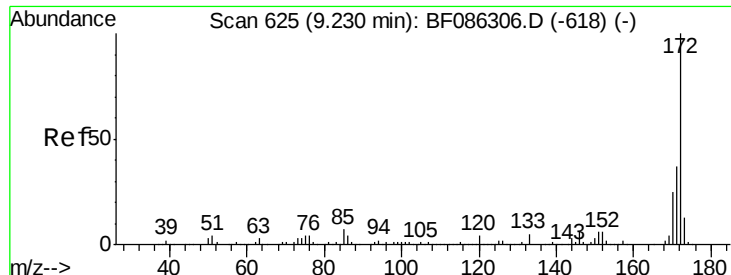
Tgt Ion:164 Resp: 332554
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 45.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 124.01 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion:330 Resp: 373321
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 35.7 31.2 46.8

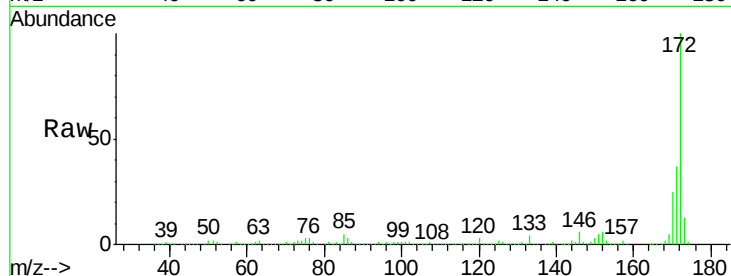




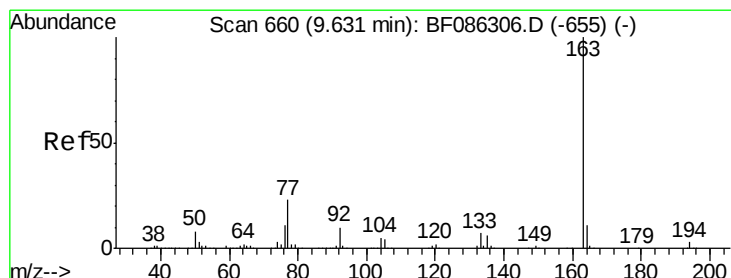
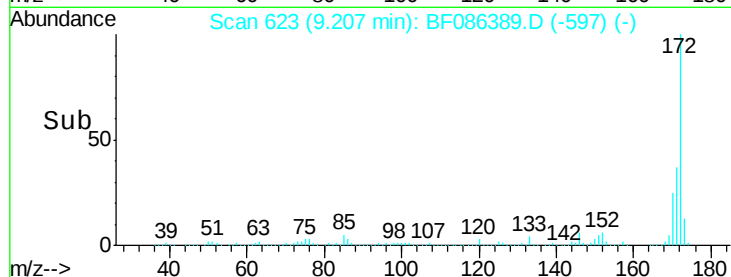
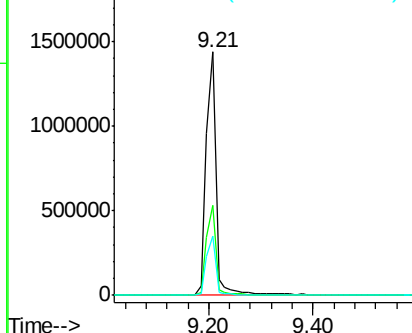
#44
 2-Fluorobiphenyl
 Concen: 98.13 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tgt Ion:172 Resp: 1912322
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.6 19.8 29.8

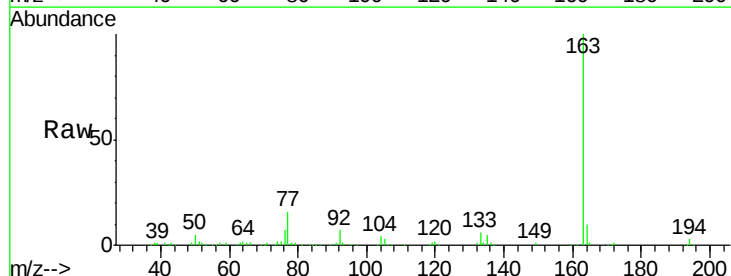


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

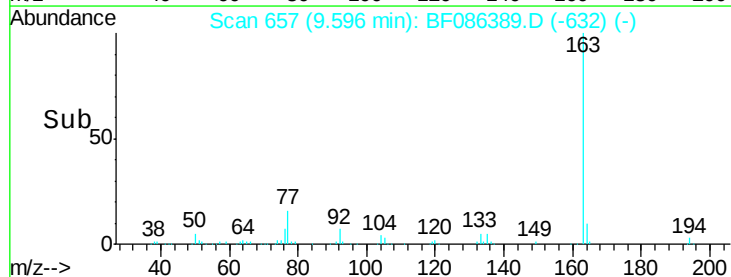
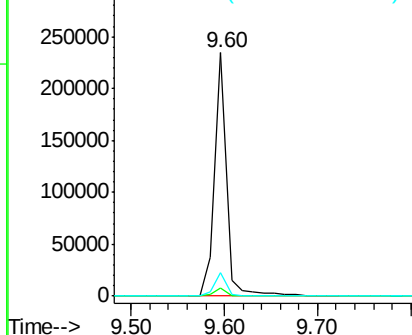


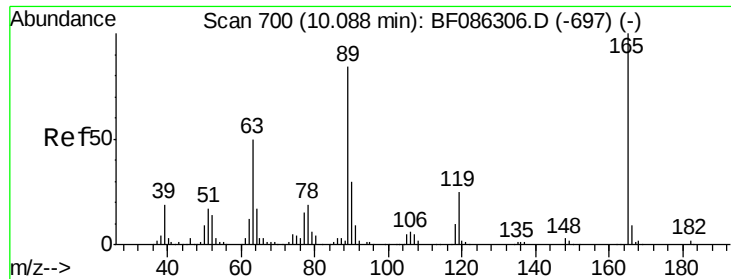
#49
 Dimethylphthalate
 Concen: 8.82 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion:163 Resp: 211825
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.8 8.2 12.4



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

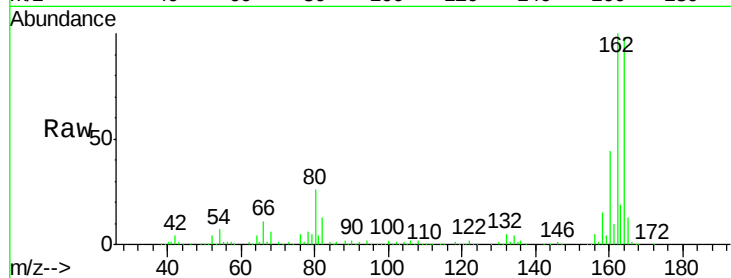




#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tgt Ion:	165	Resp:	41004
Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.3	66.5#
89	1.4	70.0	105.0#
182	0.0	1.8	2.6#

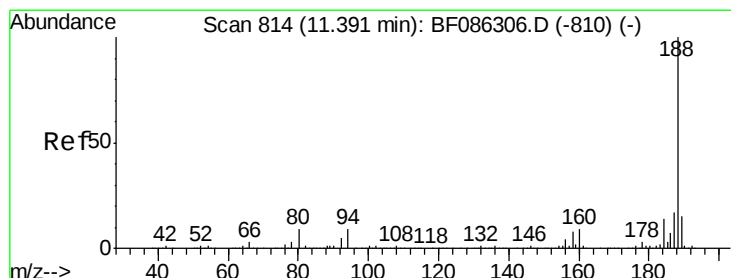
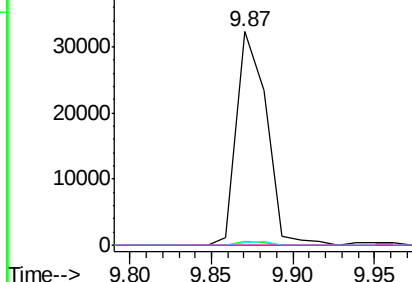
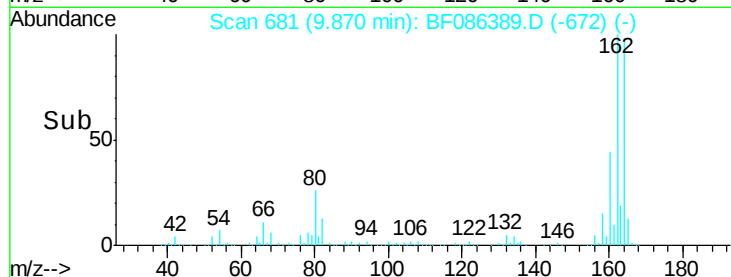


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

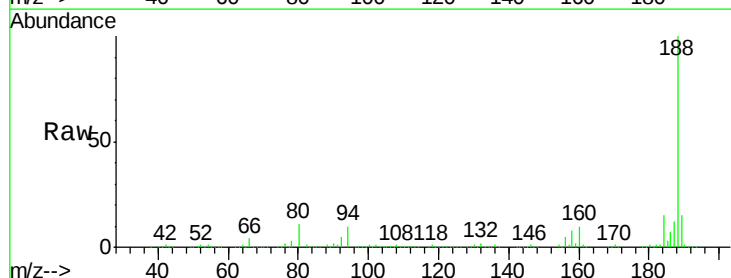
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

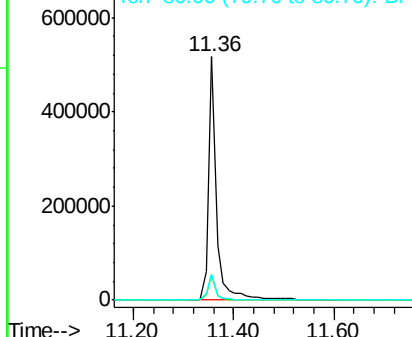
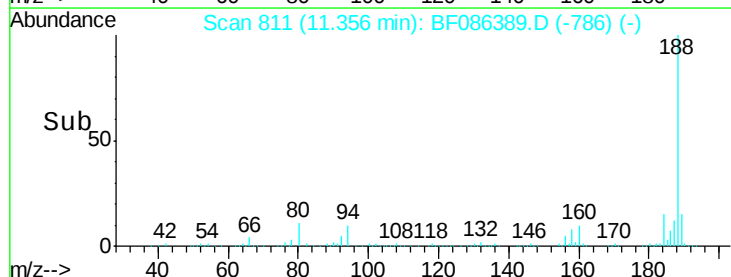
Tgt Ion:	188	Resp:	571383
Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.8	10.2
80	10.5	7.1	10.7

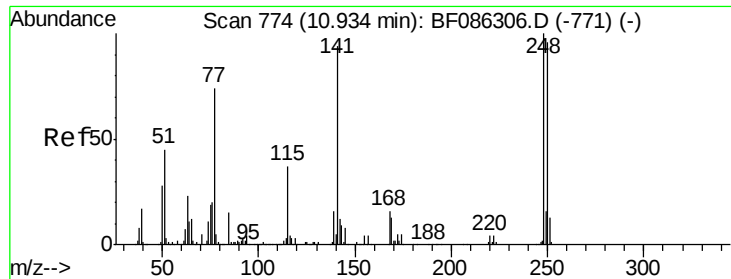


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

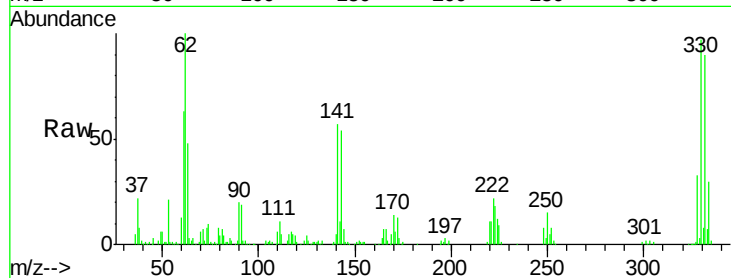




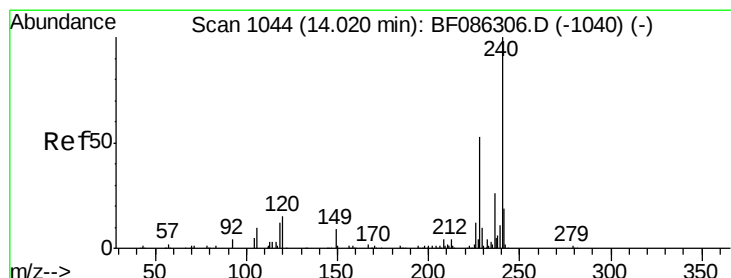
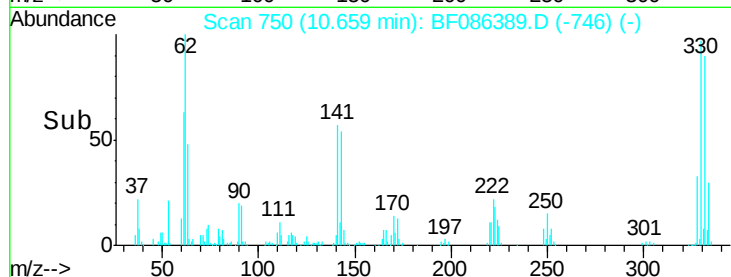
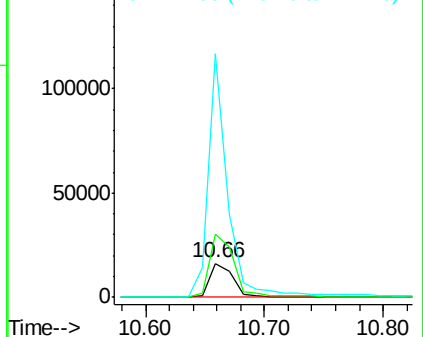
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tgt Ion:248 Resp: 22878
 Ion Ratio Lower Upper
 248 100
 250 188.4 78.6 117.8#
 141 723.0 76.0 114.0#

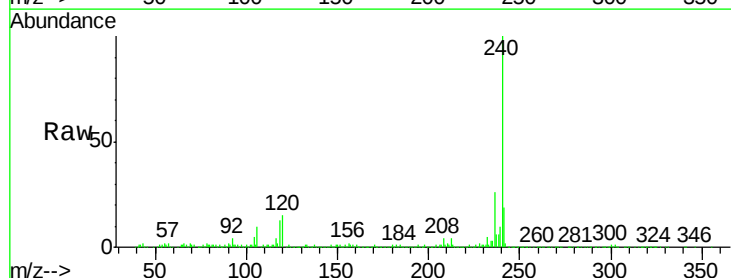


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

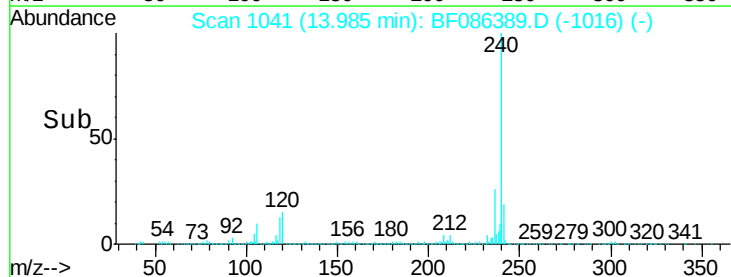
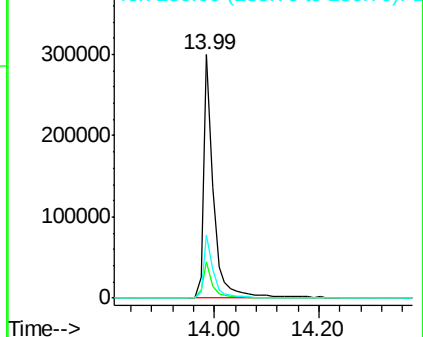


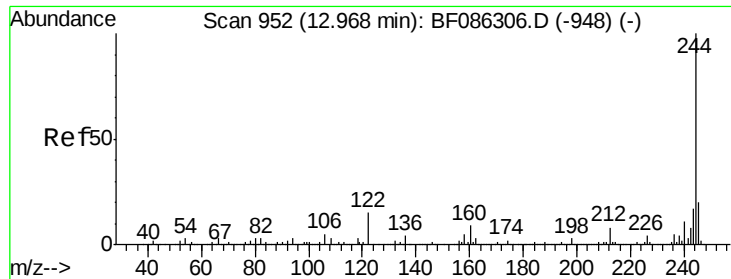
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion:240 Resp: 397711
 Ion Ratio Lower Upper
 240 100
 120 15.1 11.2 16.8
 236 25.9 21.2 31.8



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

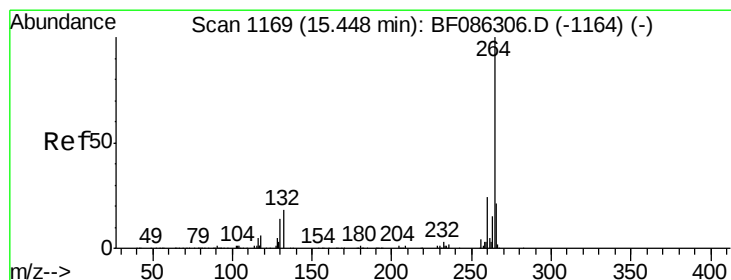
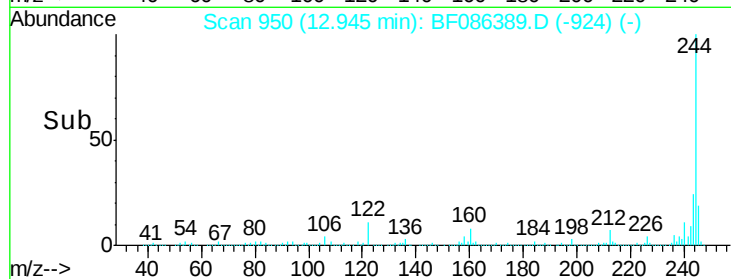
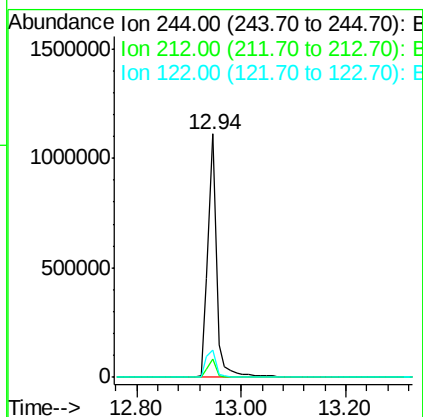
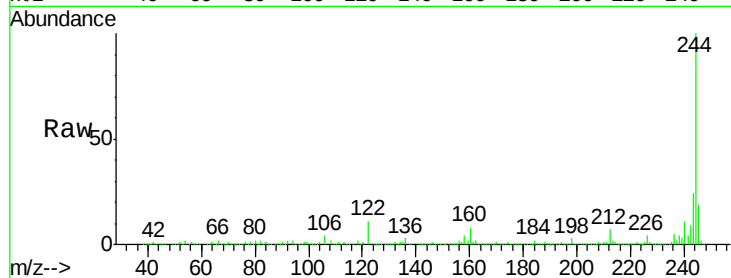




#78
 Terphenyl-d14
 Concen: 81.35 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tgt Ion:244 Resp: 1302122
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.4 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion:264 Resp: 336649
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.4 17.3 25.9

