

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087246.D
 Acq On : 21 May 2016 1:49
 Operator : UM/SJ
 Sample : H3144-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-AB-AC(0-2)

Quant Time: May 21 02:17:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

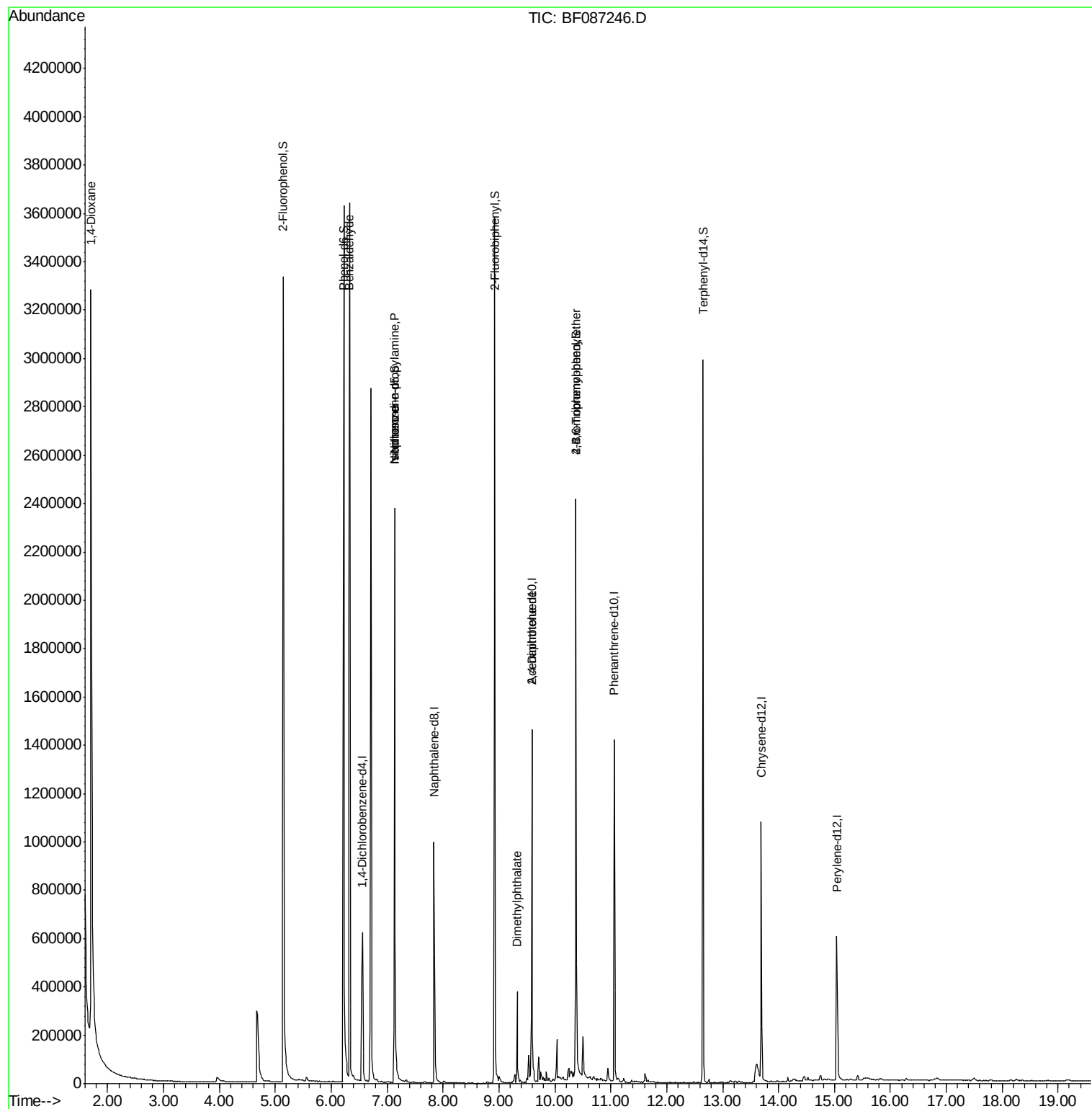
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	122513	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	541871	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	268837	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	507604	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	382280	20.00	ng	-0.01
86) Perylene-d12	15.04	264	275285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	942697	129.33	ng	0.01
7) Phenol-d6	6.23	99	1366223	139.76	ng	0.00
23) Nitrobenzene-d5	7.13	82	770434	70.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	253732	85.41	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1256726	77.42	ng	0.00
78) Terphenyl-d14	12.65	244	1081841	64.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.70	88	114827	30.62	ng	# 22
9) Benzaldehyde	6.33	77	26696	3.79	ng	84
19) n-Nitroso-di-n-propylamine	7.13	70	108898	14.65	ng	# 72
25) Isophorone	7.13	82	716829	36.02	ng	# 68
49) Dimethylphthalate	9.32	163	137121	6.69	ng	100
56) 2,4-Dinitrotoluene	9.59	165	34121	5.98	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	17679	3.39	ng	# 1

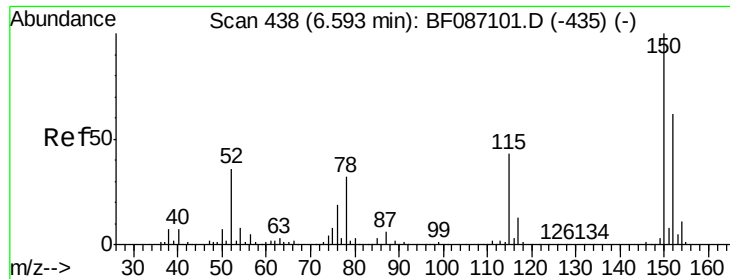
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF087246.D

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Instrument :

BNA_F

ClientSampleId :

6-AB-AC(0-2)

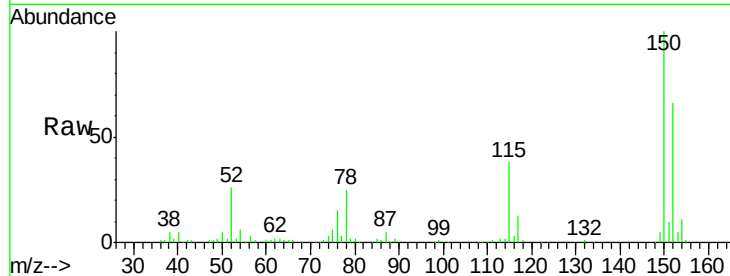
Tgt Ion:152 Resp: 122513

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

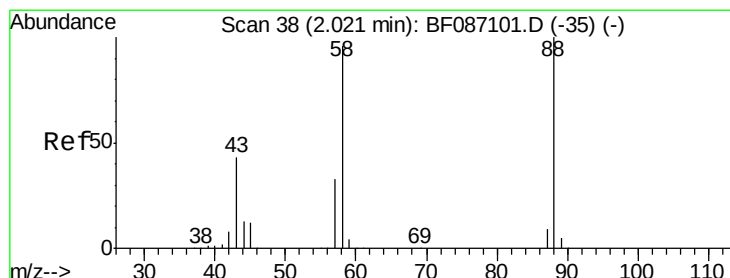
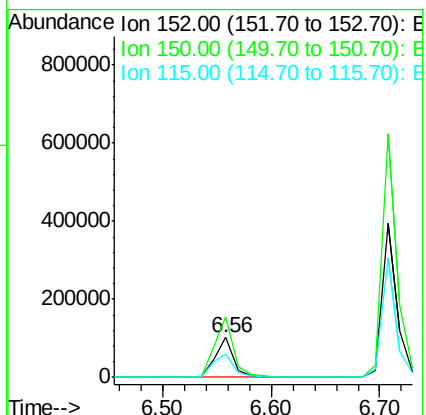
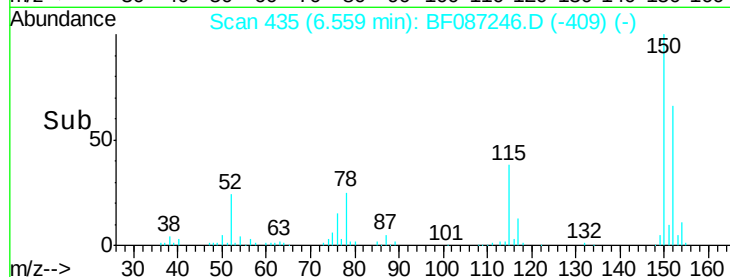
115 57.9 51.5 77.3



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



#2

1,4-Dioxane

Concen: 30.62 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087246.D

Acq: 21 May 2016 1:49

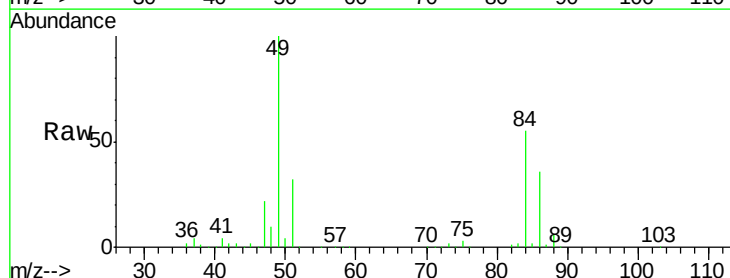
Tgt Ion: 88 Resp: 114827

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

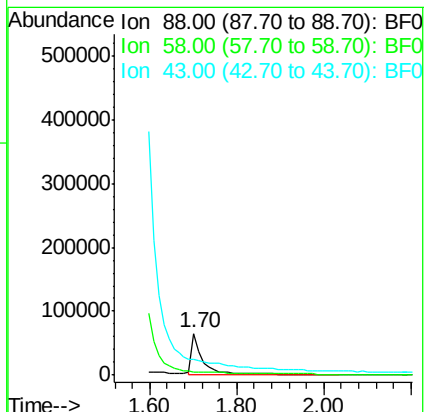
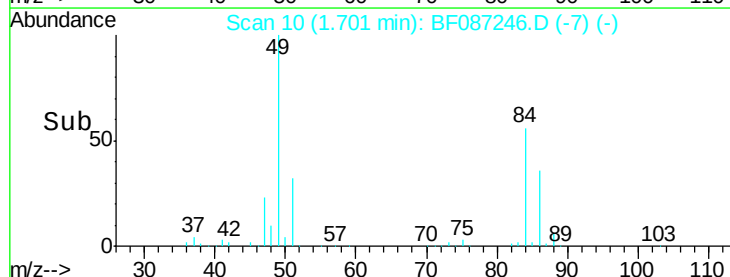
43 0.0 21.8 32.6#

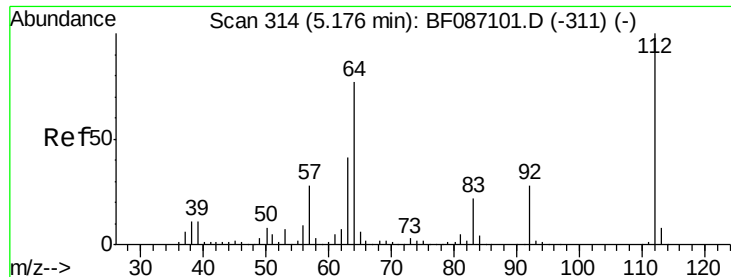


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

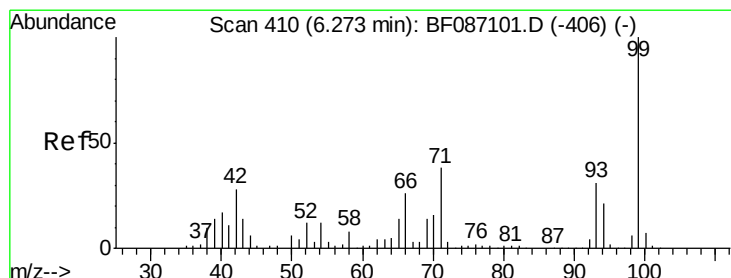
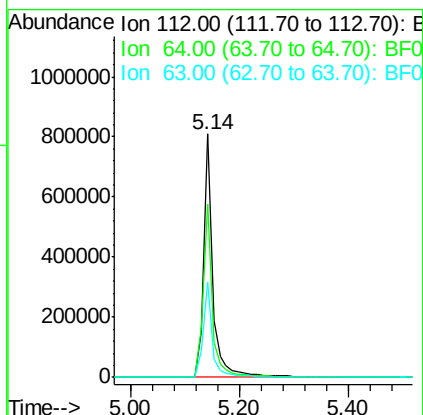
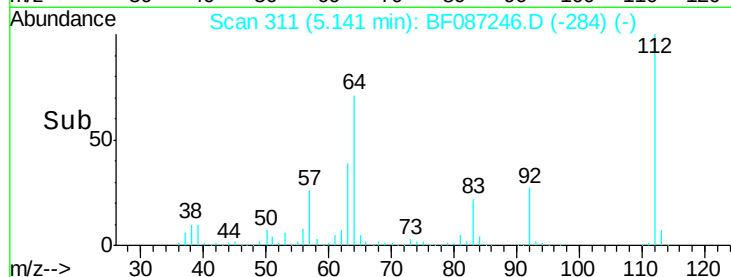
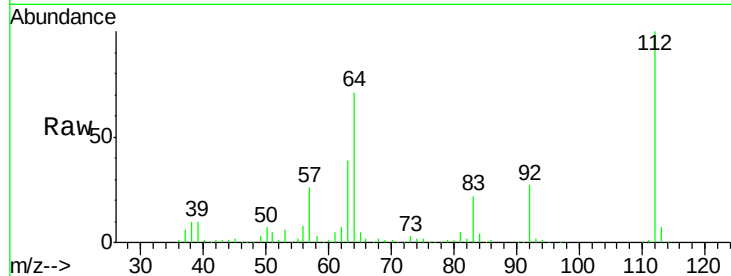




#5
 2-Fluorophenol
 Concen: 129.33 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087246.D
 Acq: 21 May 2016 1:49

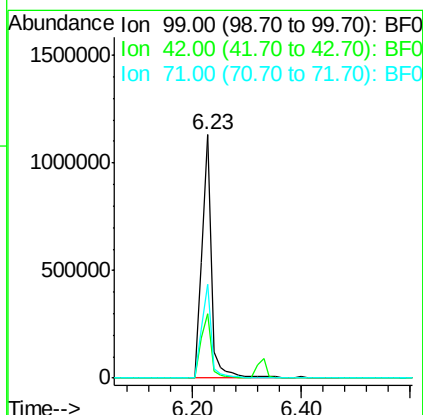
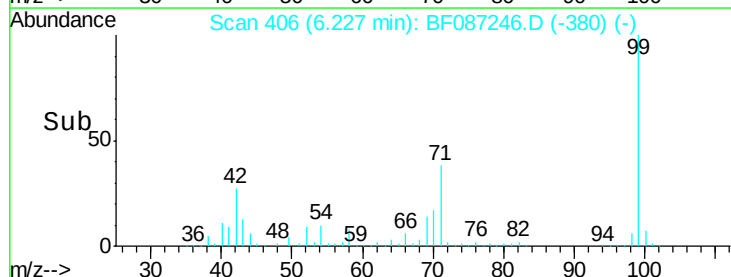
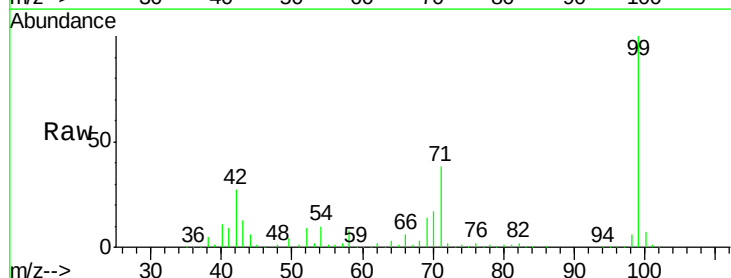
Instrument :
 BNA_F
 ClientSampleId :
 6-AB-AC(0-2)

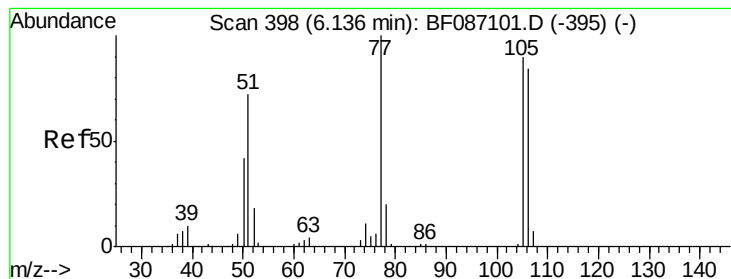
Tgt Ion: 112 Resp: 942697
 Ion Ratio Lower Upper
 112 100
 64 71.3 52.1 78.1
 63 38.9 25.7 38.5#



#7
 Phenol-d6
 Concen: 139.76 ng
 RT: 6.23 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF087246.D
 Acq: 21 May 2016 1:49

Tgt Ion: 99 Resp: 1366223
 Ion Ratio Lower Upper
 99 100
 42 26.6 13.6 20.4#
 71 38.3 24.6 36.8#





#9

Benzaldehyde

Concen: 3.79 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087246.D

Acq: 21 May 2016 1:49

Instrument :

BNA_F

ClientSampleId :

6-AB-AC(0-2)

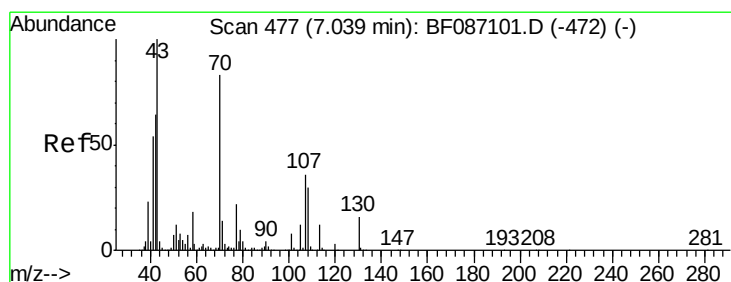
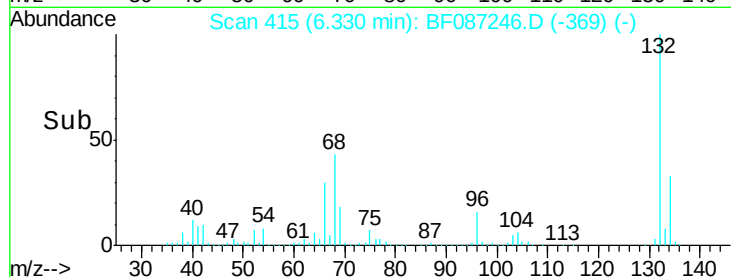
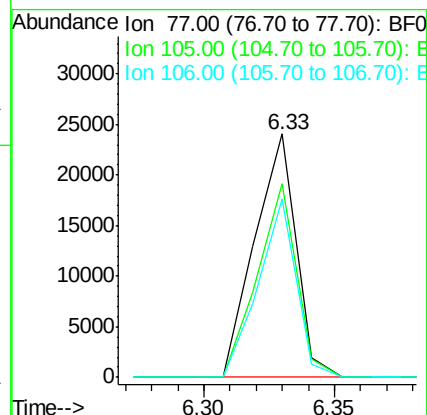
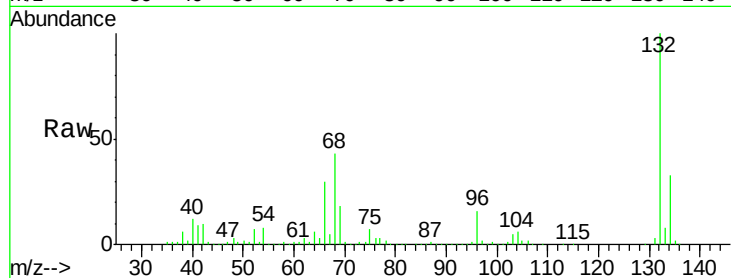
Tgt Ion: 77 Resp: 26696

Ion Ratio Lower Upper

77 100

105 79.4 72.7 112.7

106 73.1 70.8 110.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.65 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF087246.D

Acq: 21 May 2016 1:49

Tgt Ion: 70 Resp: 108898

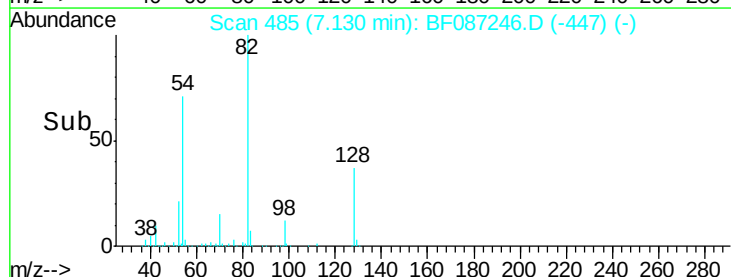
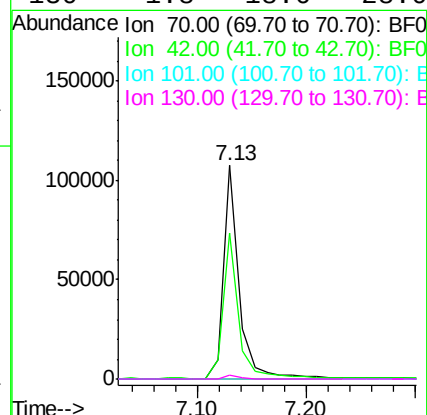
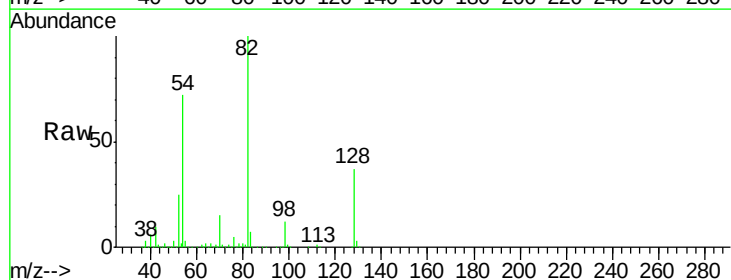
Ion Ratio Lower Upper

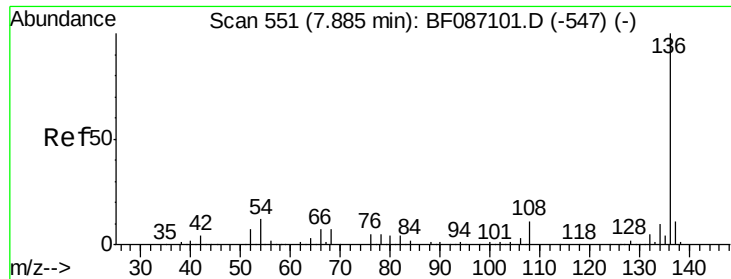
70 100

42 68.6 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

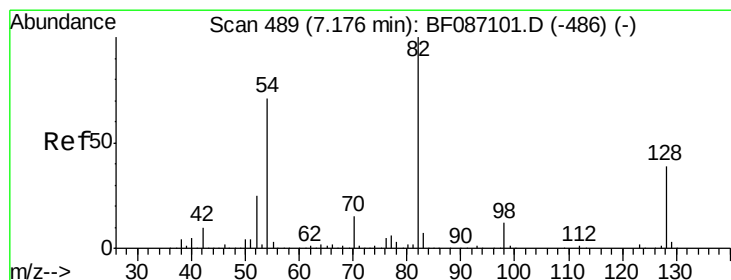
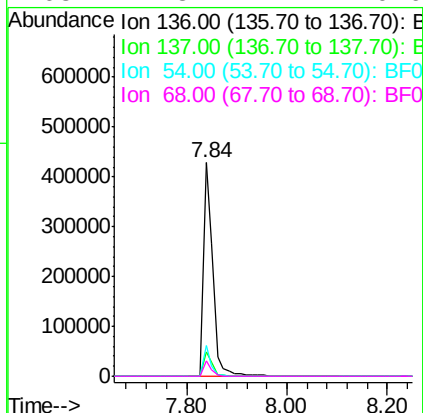
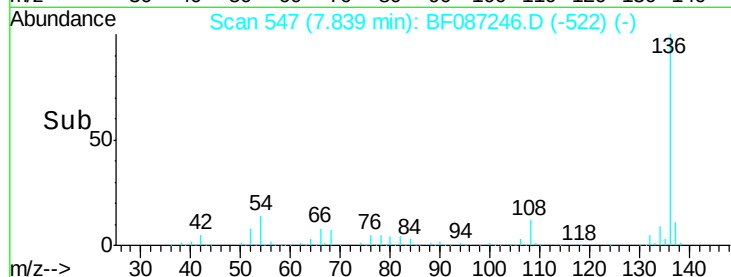
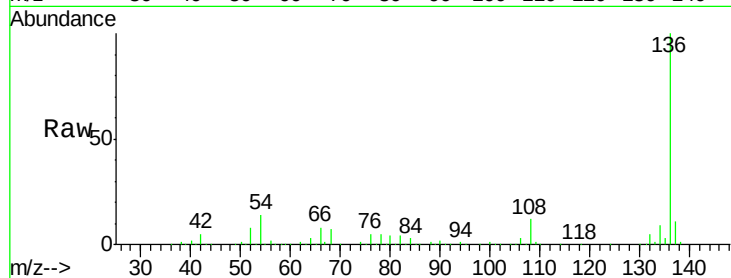




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087246.D
Acq: 21 May 2016 1:49

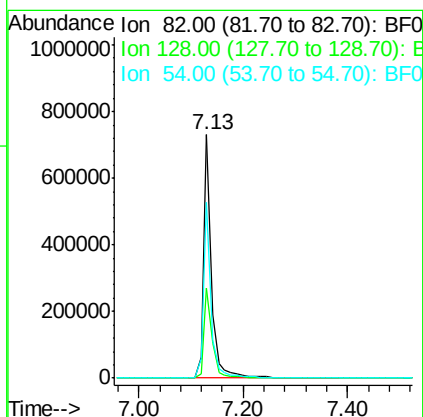
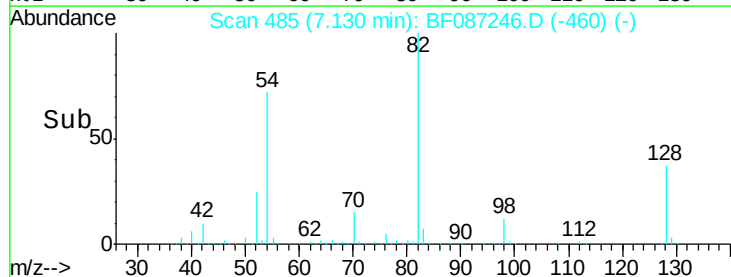
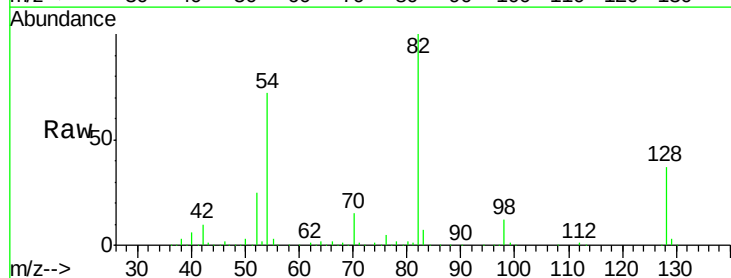
Instrument :
BNA_F
ClientSampleId :
6-AB-AC(0-2)

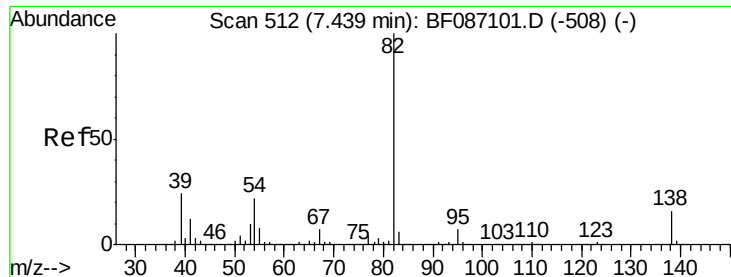
Tgt Ion:	136	Resp:	541871
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	14.3	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 70.86 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087246.D
Acq: 21 May 2016 1:49

Tgt Ion:	82	Resp:	770434
Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.6	61.0#
54	72.2	38.1	57.1#





#25

Isophorone

Concen: 36.02 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.27 min

Lab File: BF087246.D

Acq: 21 May 2016 1:49

Instrument :

BNA_F

ClientSampleId :

6-AB-AC(0-2)

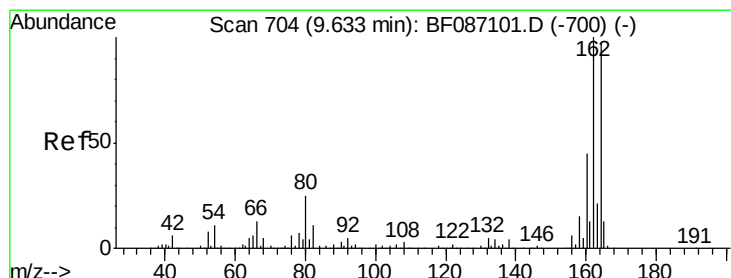
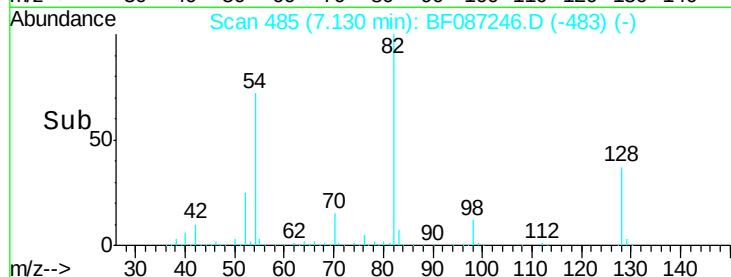
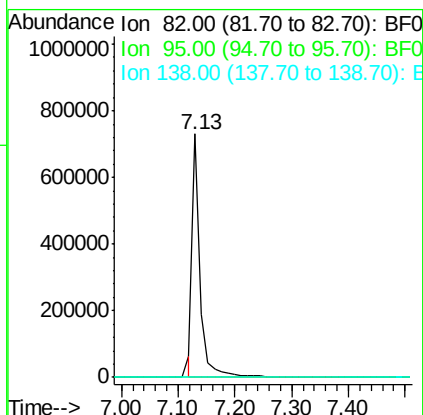
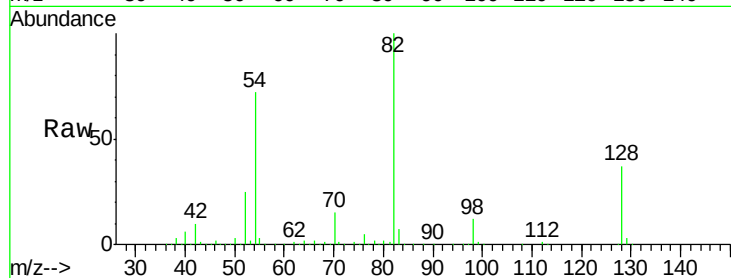
Tgt Ion: 82 Resp: 716829

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: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087246.D

Acq: 21 May 2016 1:49

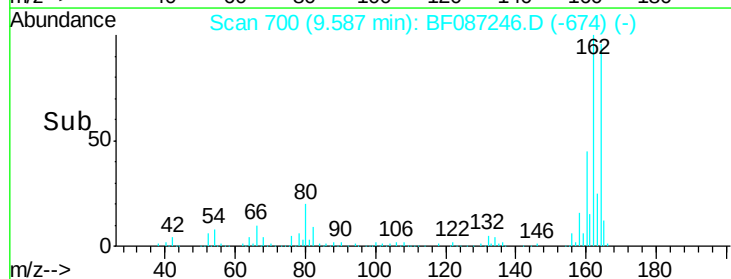
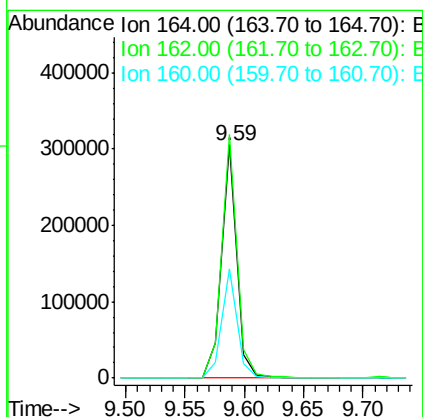
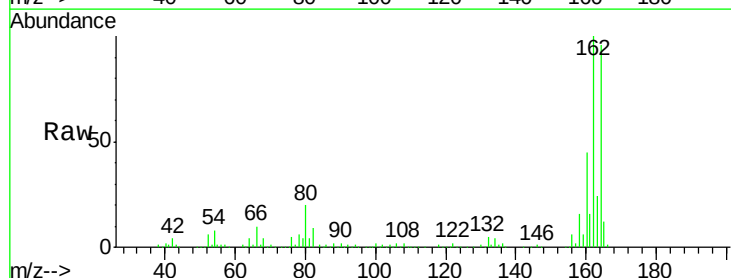
Tgt Ion: 164 Resp: 268837

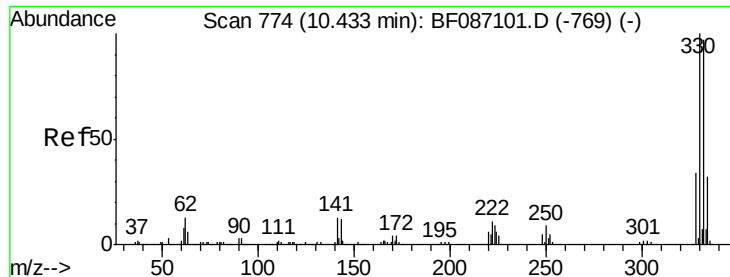
Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

160 46.7 36.9 55.3

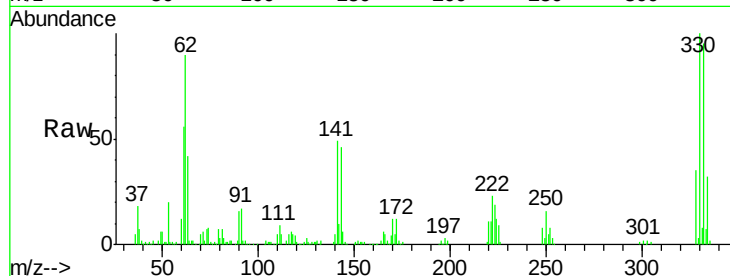




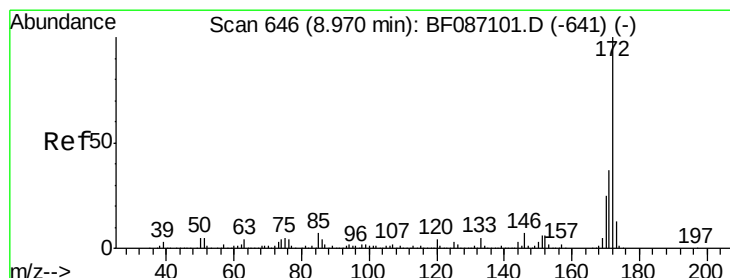
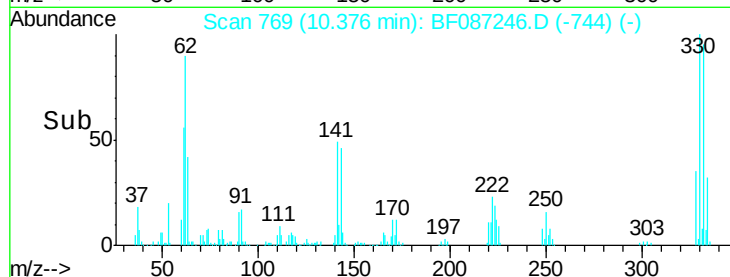
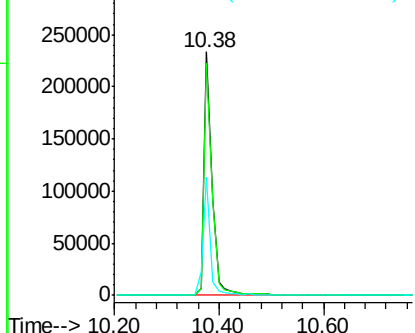
#41
 2,4,6-Tribromophenol
 Concen: 85.41 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087246.D
 Acq: 21 May 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 6-AB-AC(0-2)

Tgt Ion: 330 Resp: 253732
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 43.8 31.2 46.8

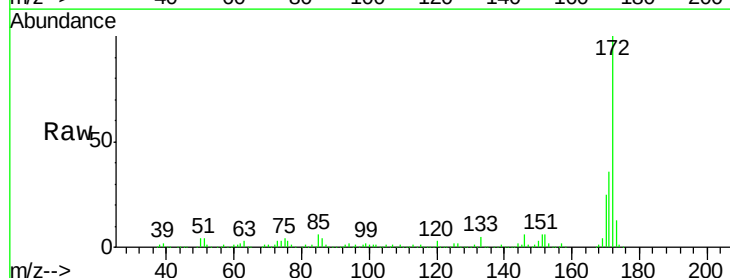


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.42 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087246.D
 Acq: 21 May 2016 1:49

Tgt Ion: 172 Resp: 1256726
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 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

