

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083808.D
 Acq On : 15 Dec 2015 10:06
 Operator : UM/IZ
 Sample : G4761-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

Quant Time: Dec 15 10:38:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

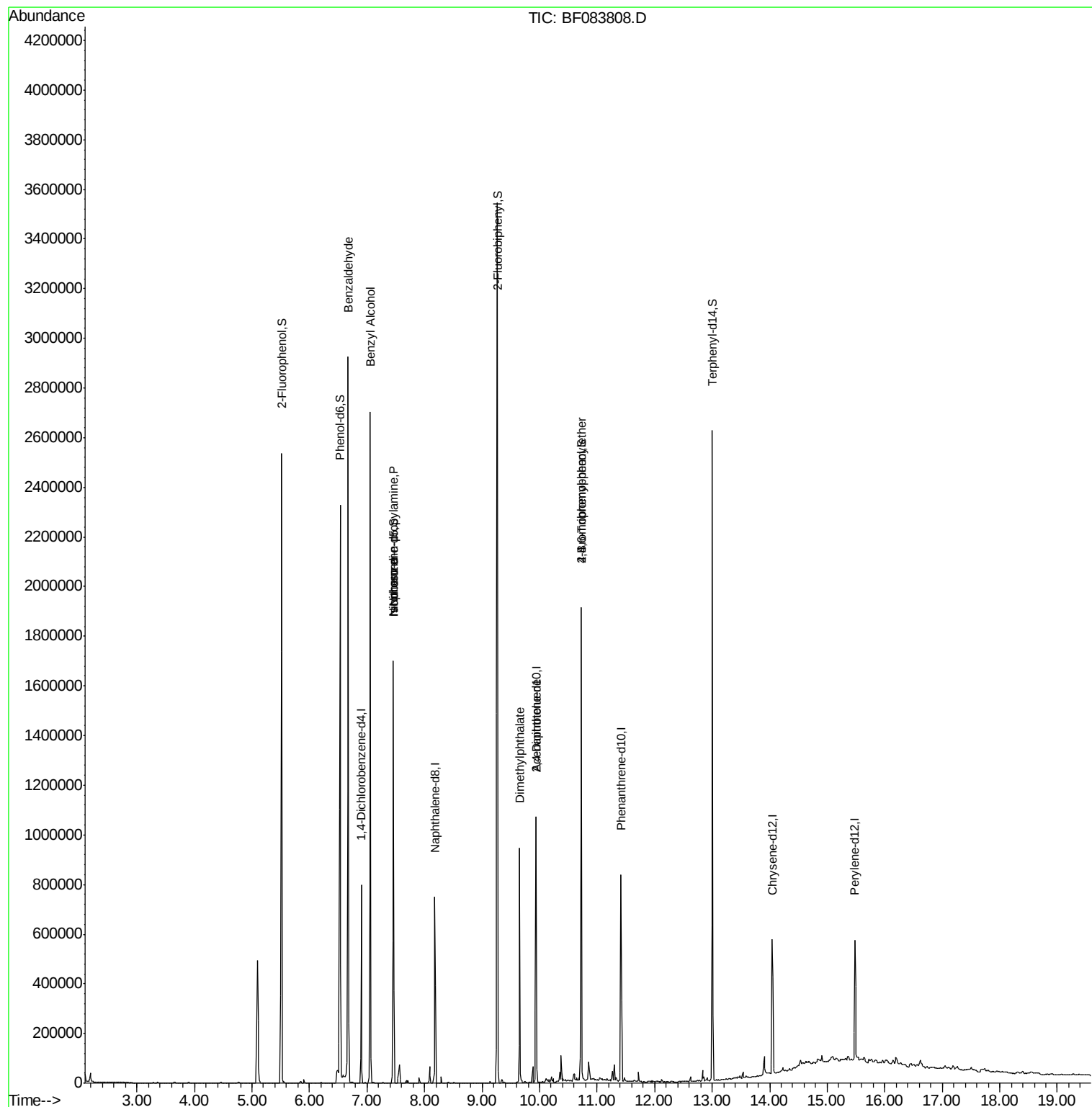
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111346	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	413856	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	208132	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	323036	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	231873	20.00	ng	-0.03
86) Perylene-d12	15.48	264	230662	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	940412	136.25	ng	-0.01
7) Phenol-d6	6.53	99	1018633	116.54	ng	-0.01
23) Nitrobenzene-d5	7.46	82	634894	85.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	293919	138.59	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1184822	82.72	ng	-0.02
78) Terphenyl-d14	13.00	244	776920	72.07	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	20664	4.40	ng	93
15) Benzyl Alcohol	7.06	79	13882	2.16	ng	# 47
19) n-Nitroso-di-n-propylamine	7.46	70	85428	15.96	ng	# 71
25) Isophorone	7.46	82	629298	43.36	ng	# 69
49) Dimethylphthalate	9.65	163	359850	22.18	ng	99
56) 2,4-Dinitrotoluene	9.94	165	26930	5.99	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	20149	5.58	ng	# 1

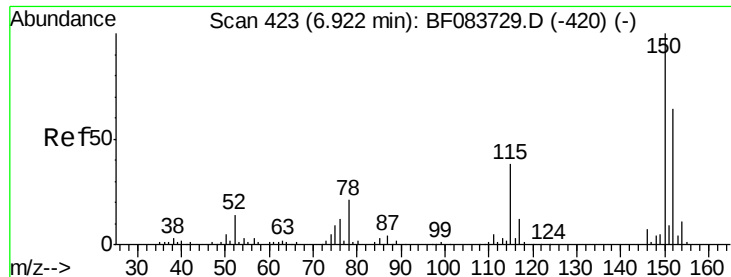
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083808.D
Acq On : 15 Dec 2015 10:06
Operator : UM/IZ
Sample : G4761-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Quant Time: Dec 15 10:38:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

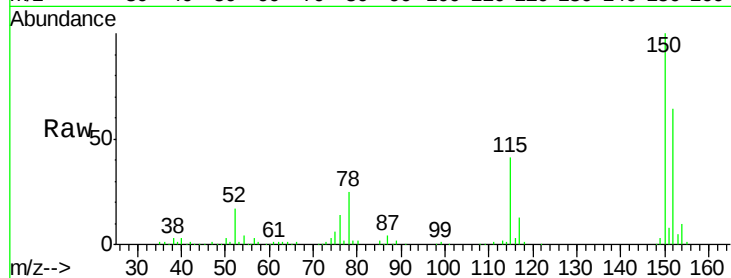
Tot Ion:152 Resp: 111346

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

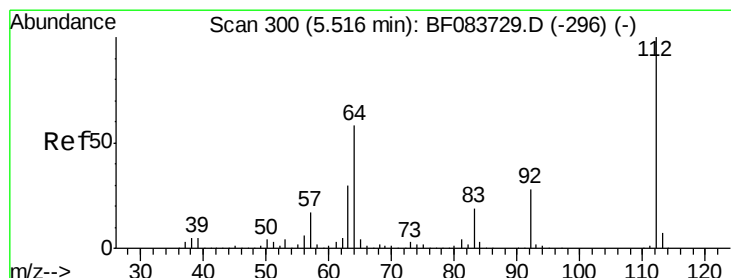
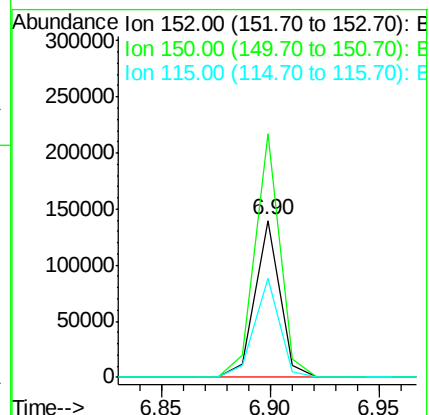
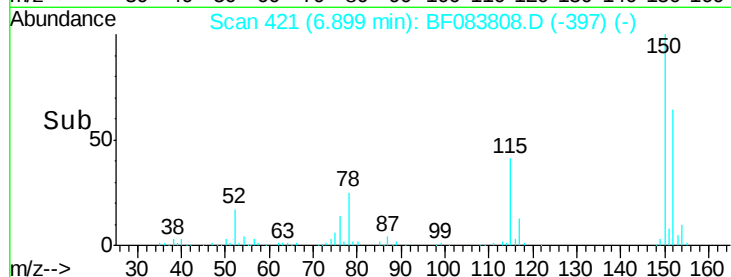
115 63.6 52.3 78.5



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: 136.25 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

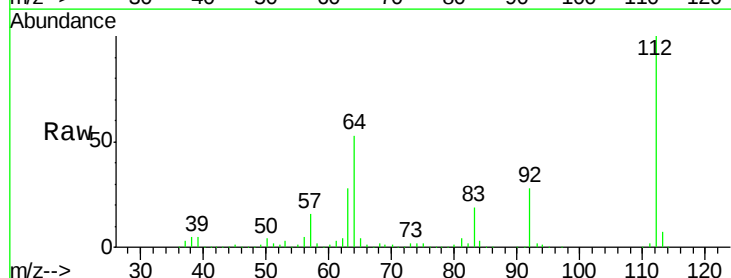
Tgt Ion:112 Resp: 940412

Ion Ratio Lower Upper

112 100

64 52.9 50.5 75.7

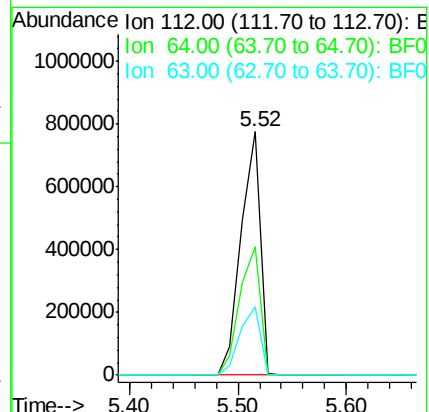
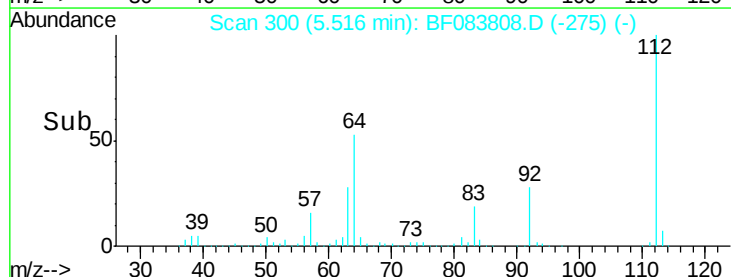
63 27.9 25.8 38.6

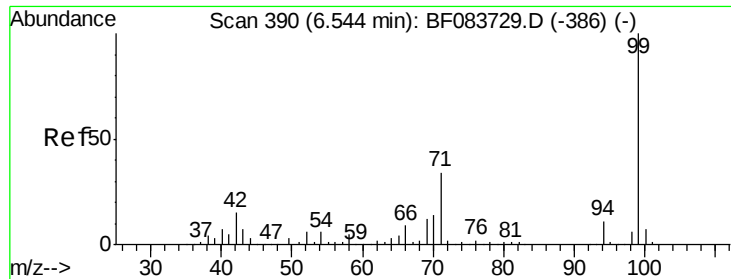


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.54 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

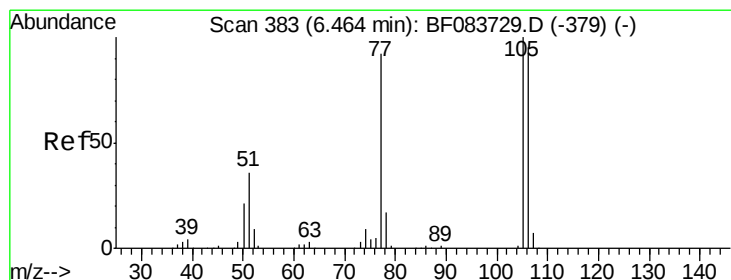
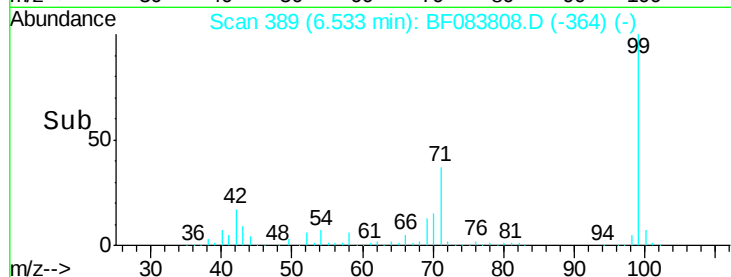
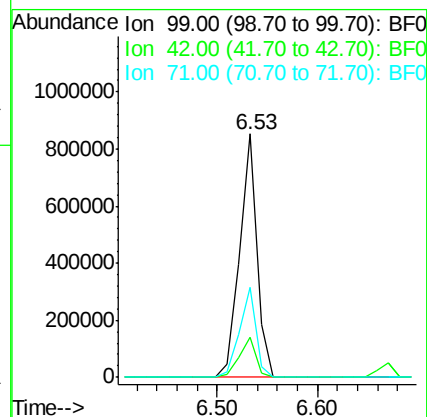
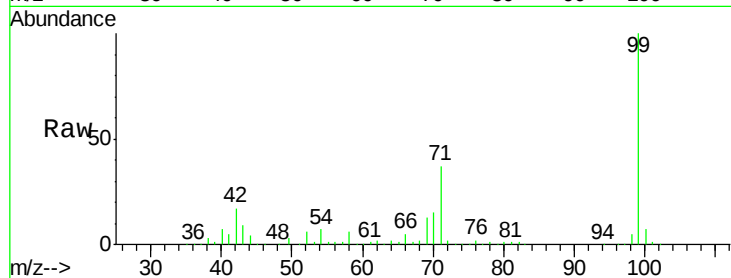
Tot Ion: 99 Resp: 1018633

Ion Ratio Lower Upper

99 100

42 16.5 17.3 25.9#

71 36.9 26.6 40.0



#9

Benzaldehyde

Concen: 4.40 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

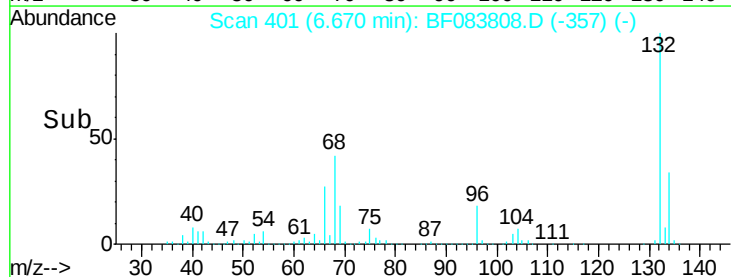
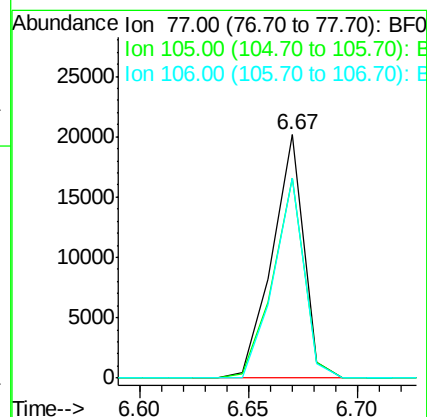
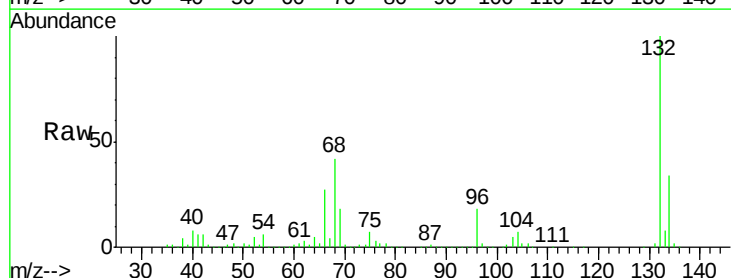
Tgt Ion: 77 Resp: 20664

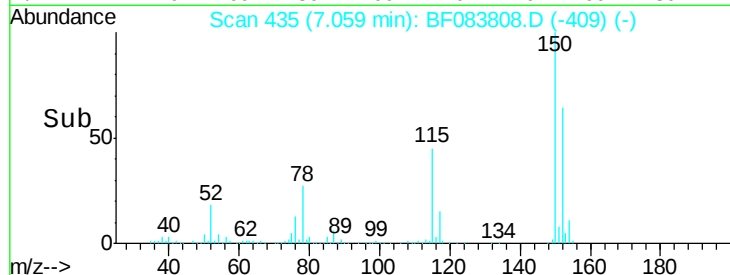
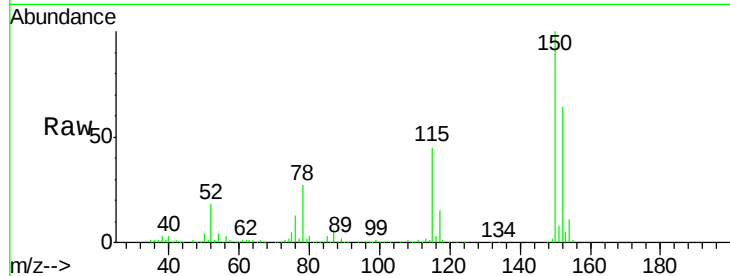
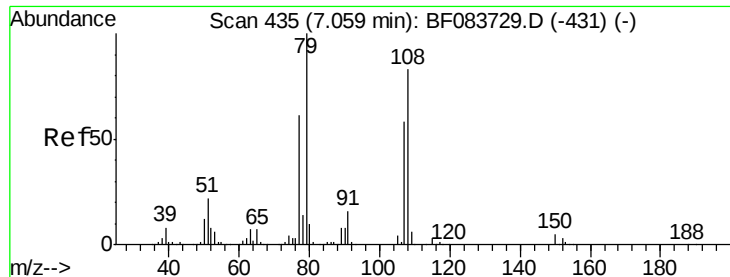
Ion Ratio Lower Upper

77 100

105 82.3 71.8 111.8

106 82.3 66.8 106.8

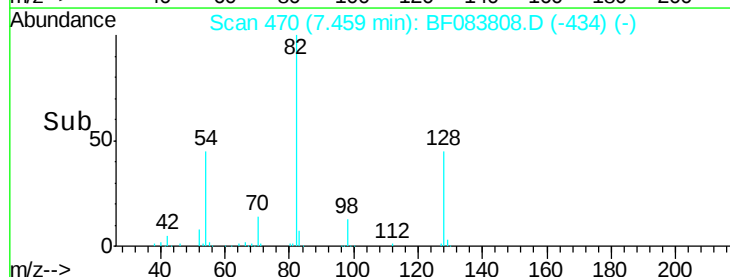
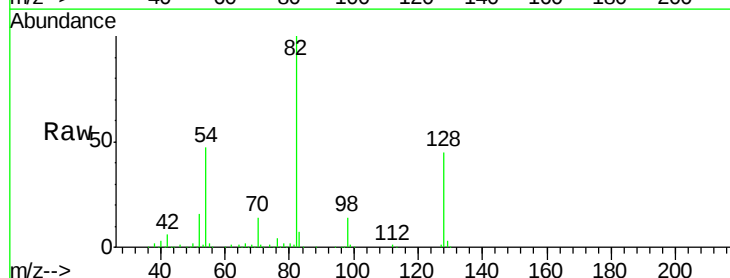
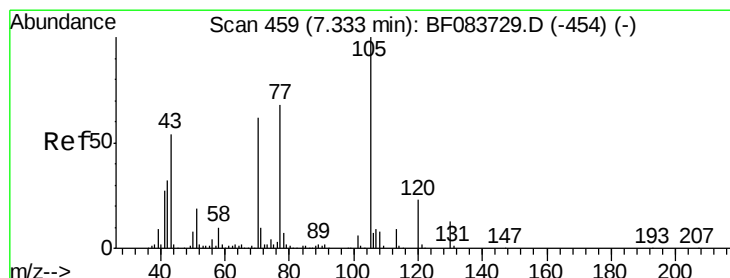
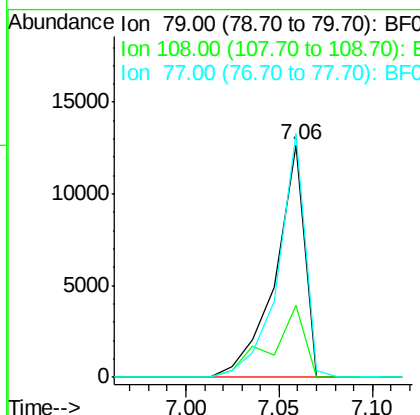




#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

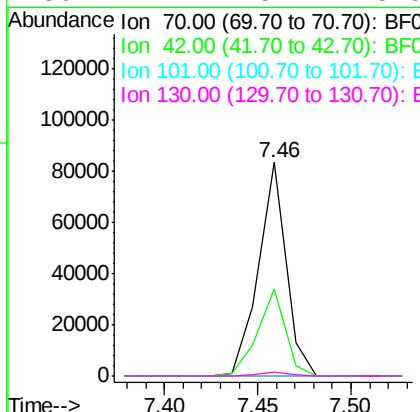
Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

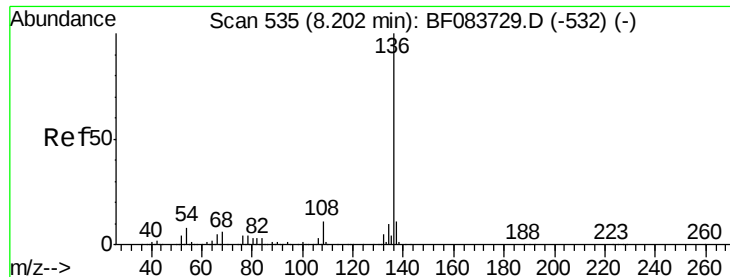
Tot Ion: 79 Resp: 13882
Ion Ratio Lower Upper
79 100
108 30.8 59.6 89.4#
77 104.7 49.8 74.6#



#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Tgt Ion: 70 Resp: 85428
Ion Ratio Lower Upper
70 100
42 40.7 49.2 73.8#
101 0.0 7.1 10.7#
130 2.1 15.4 23.0#

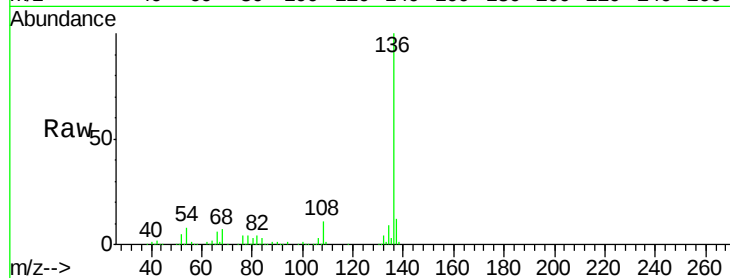




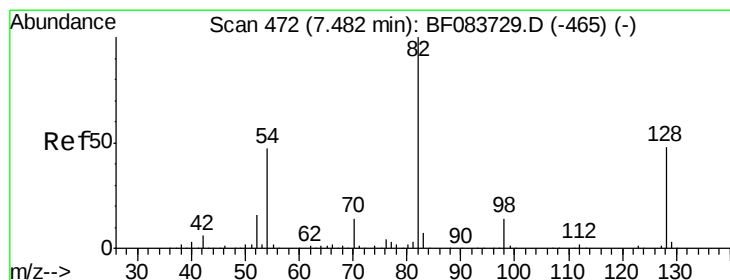
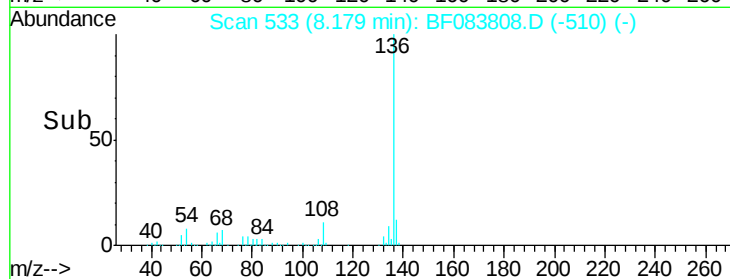
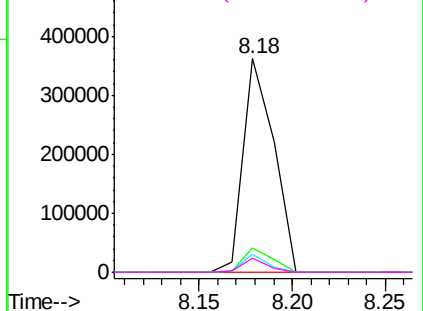
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Tot Ion:136	Resp:	413856
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.7 13.1
54	8.4	7.8 11.6
68	6.7	5.7 8.5

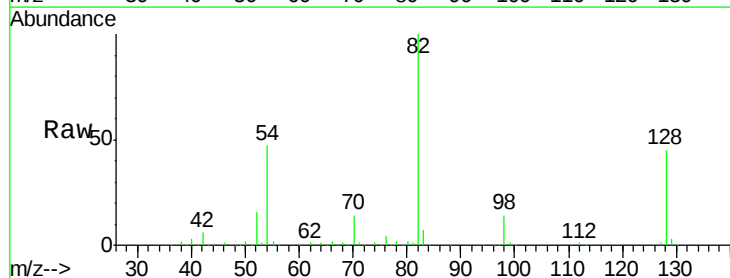


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

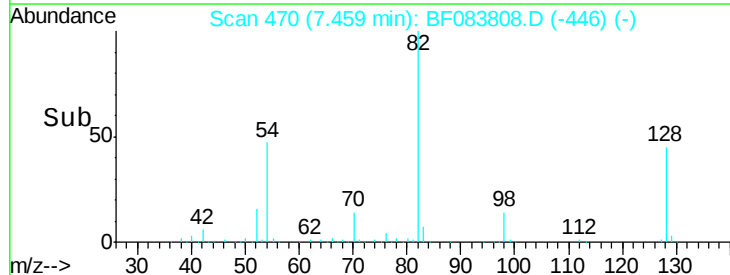
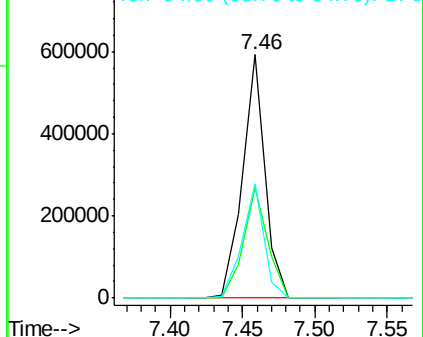


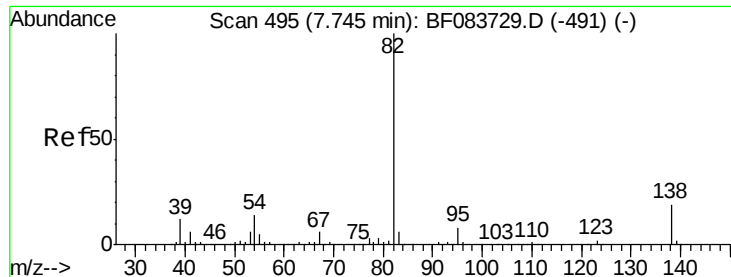
#23
Nitrobenzene-d5
Concen: 85.83 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Tgt Ion: 82	Resp:	634894
Ion Ratio	Lower	Upper
82	100	
128	45.4	30.7 46.1
54	47.2	42.5 63.7



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: 43.36 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

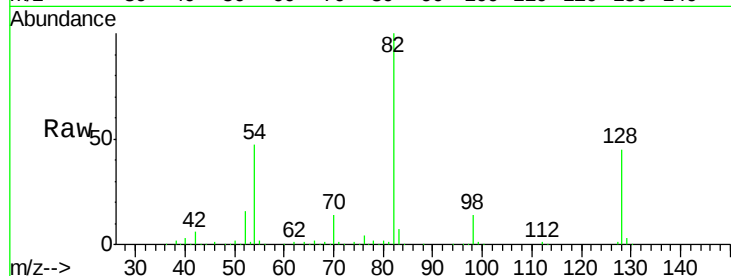
Tot Ion: 82 Resp: 629298

Ion Ratio Lower Upper

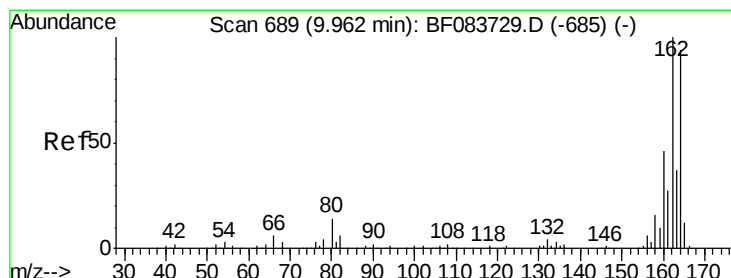
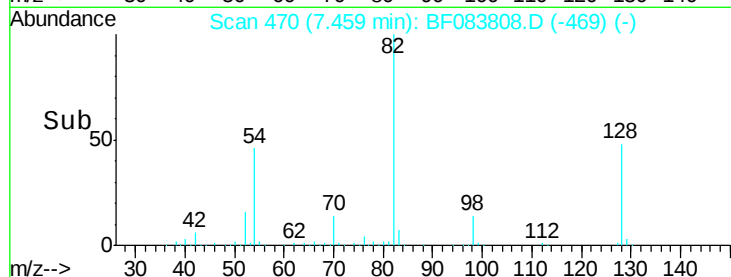
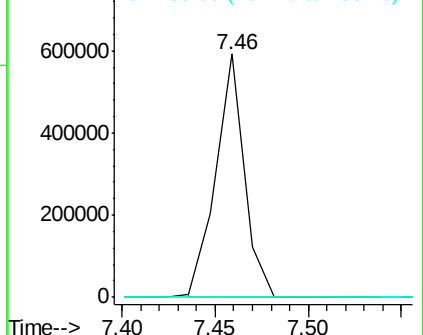
82 100

95 0.0 5.0 7.4#

138 0.0 12.1 18.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

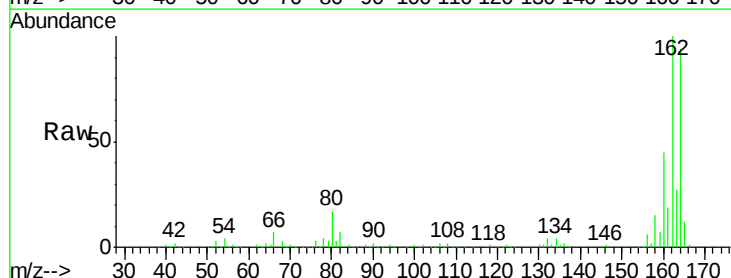
Tgt Ion:164 Resp: 208132

Ion Ratio Lower Upper

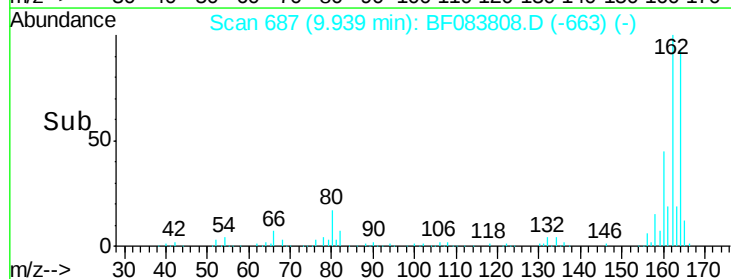
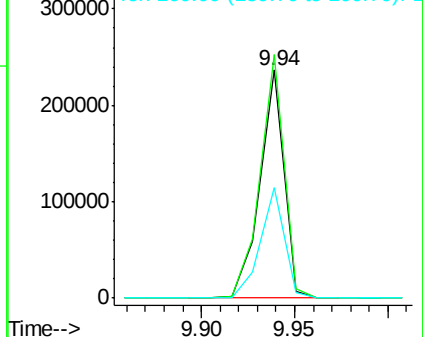
164 100

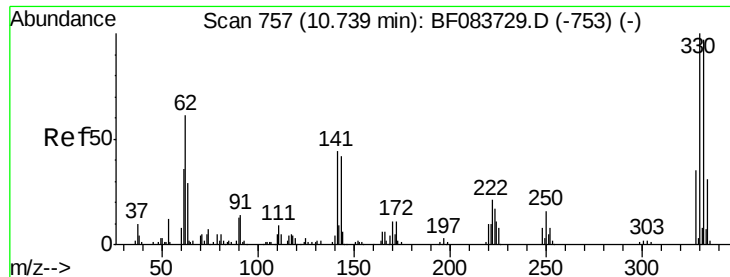
162 106.8 78.8 118.2

160 48.4 33.4 50.2



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

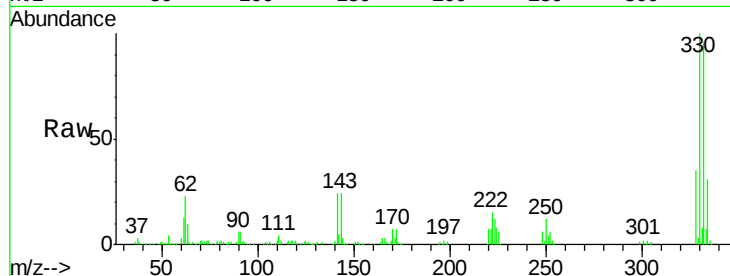




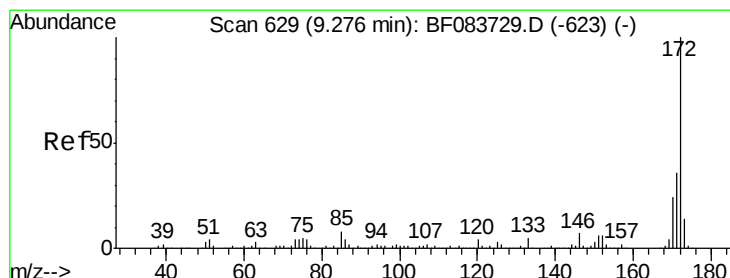
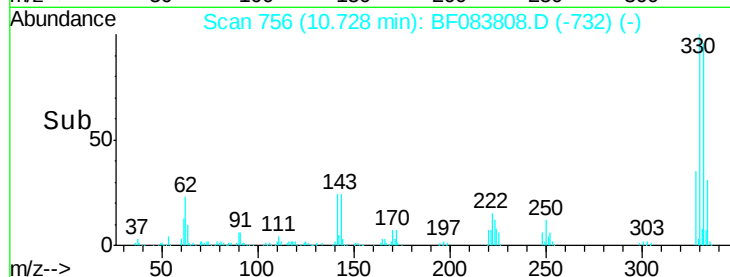
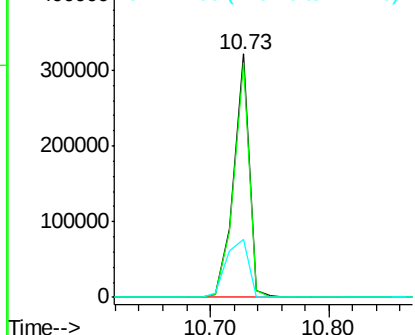
#41
 2,4,6-Tribromophenol
 Concen: 138.59 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.8	0.0	0.0#

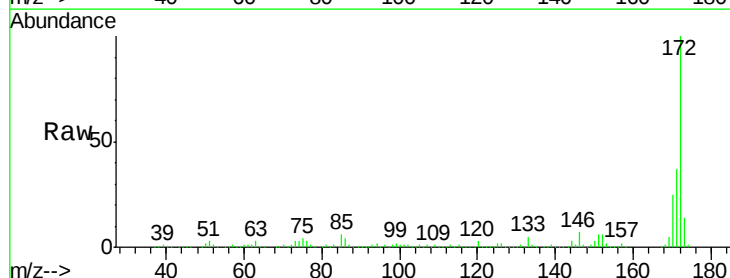


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

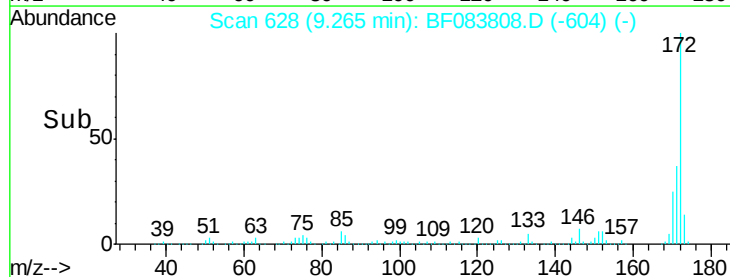
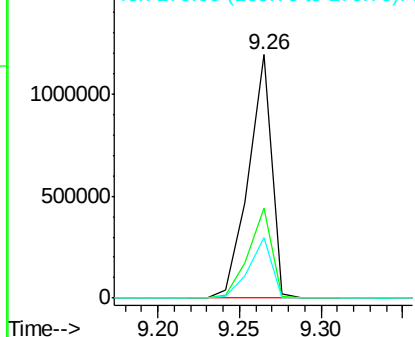


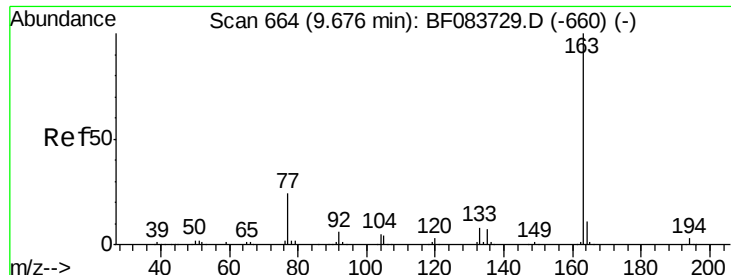
#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	25.0	19.4	29.0



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

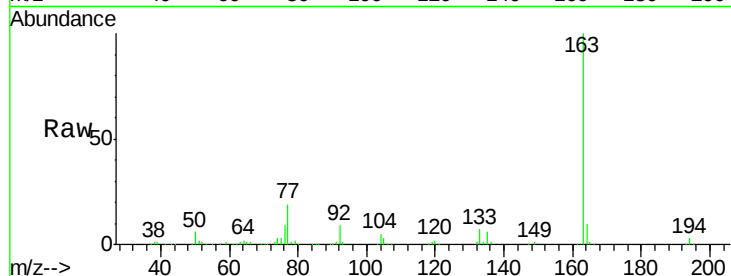




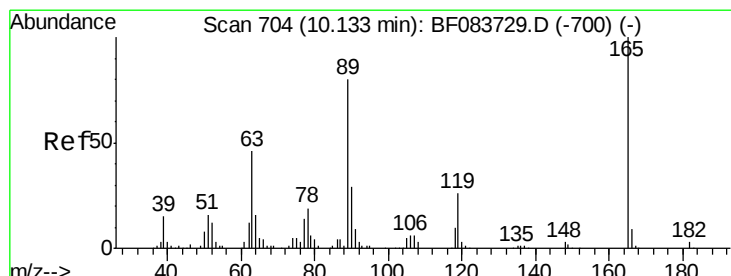
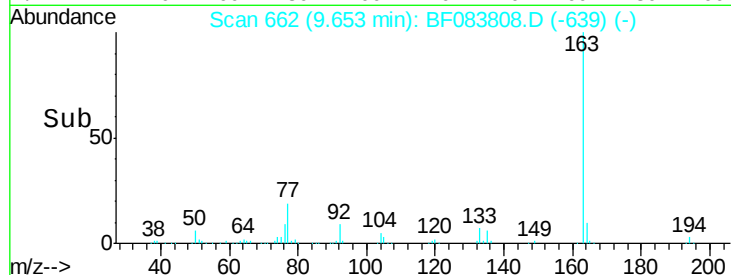
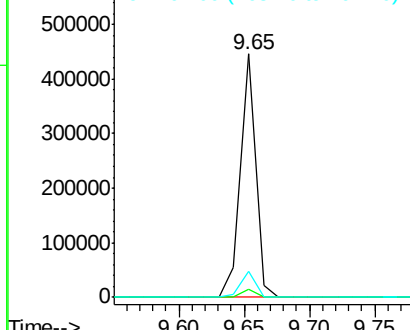
#49
Dimethylphthalate
Concen: 22.18 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.5	8.6	13.0

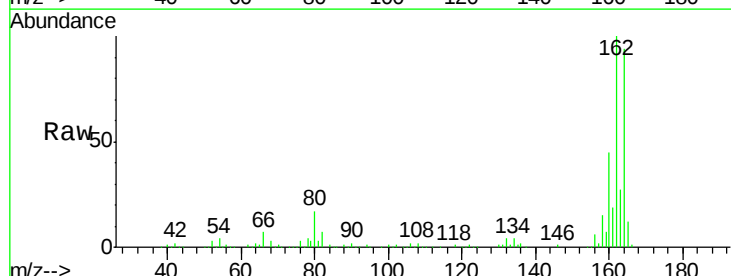


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

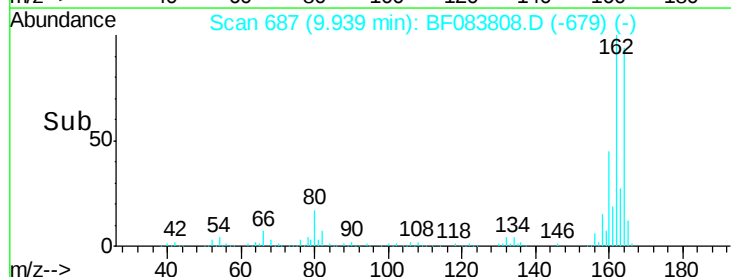
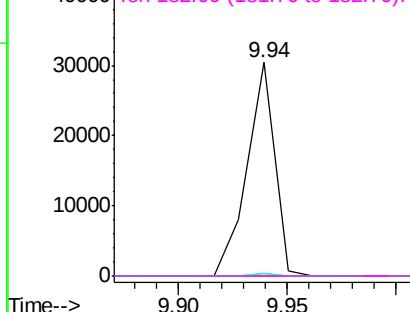


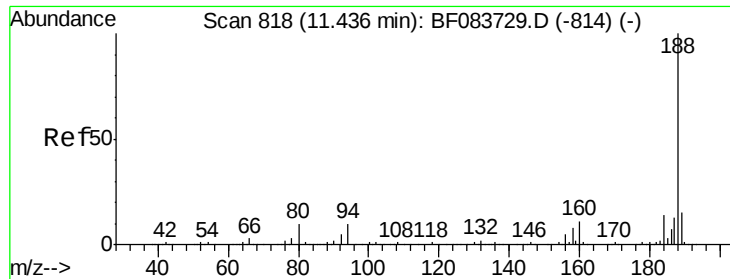
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	51.4	77.2#
89	1.4	72.6	108.8#
182	0.0	1.4	2.0#



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

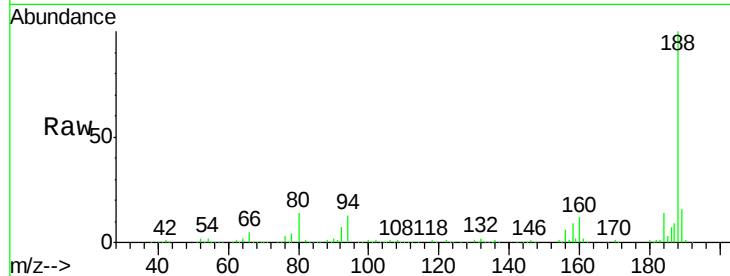




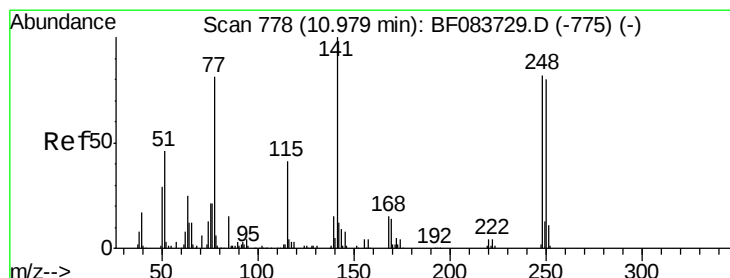
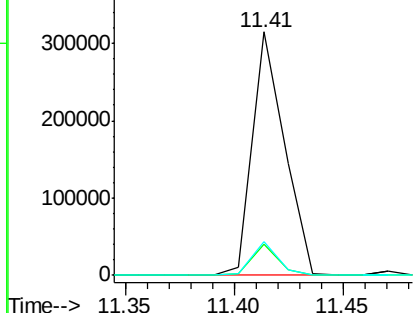
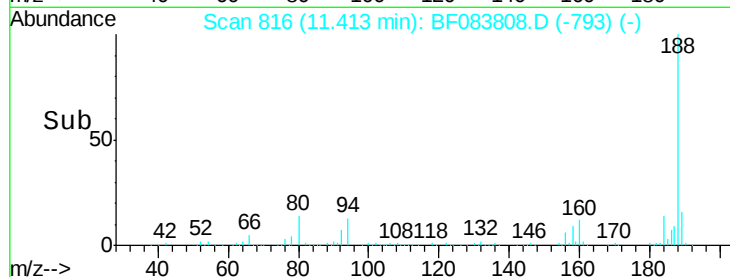
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Tot Ion:188 Resp: 323036
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.7 10.6 16.0

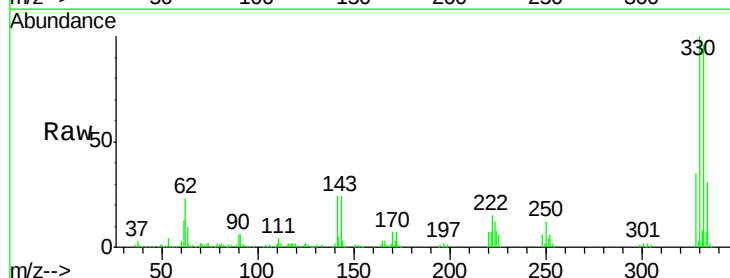


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

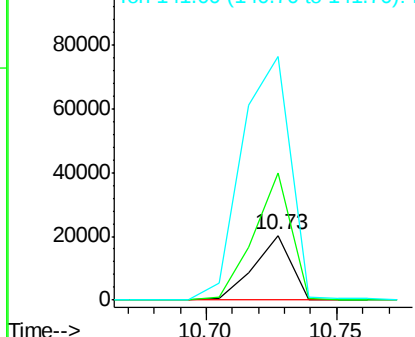
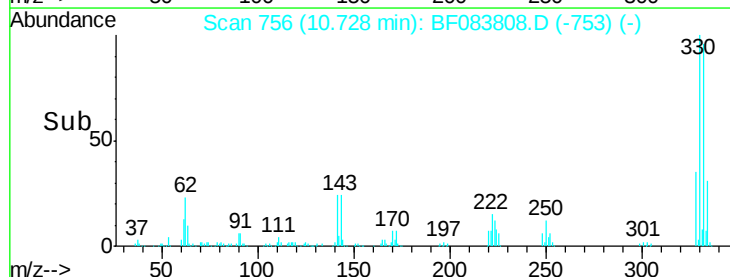


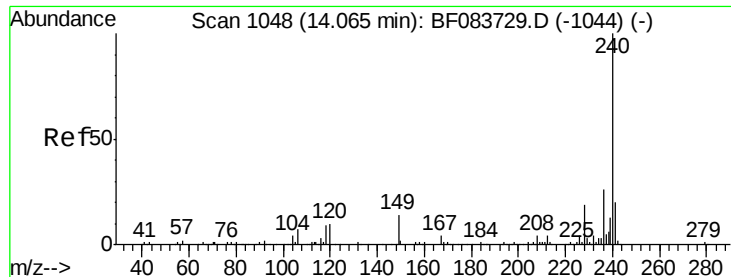
#66
4-Bromophenyl-phenylether
Concen: 5.58 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Tgt Ion:248 Resp: 20149
Ion Ratio Lower Upper
248 100
250 197.2 79.2 118.8#
141 376.0 58.2 87.4#



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: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

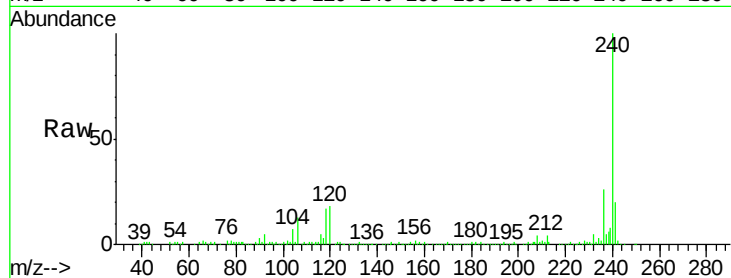
Tot Ion:240 Resp: 231873

Ion Ratio Lower Upper

240 100

120 18.5 8.1 12.1#

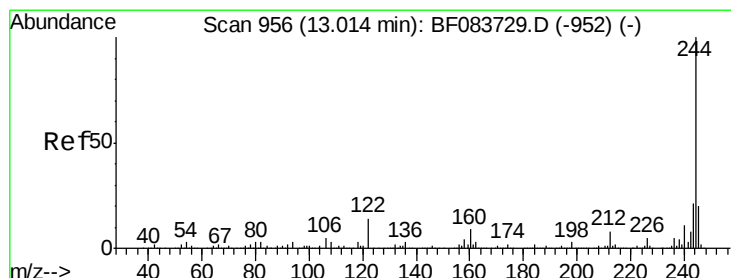
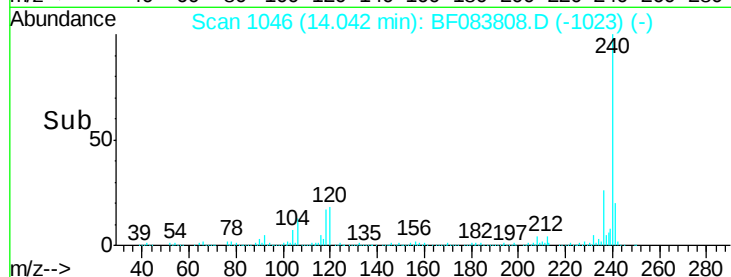
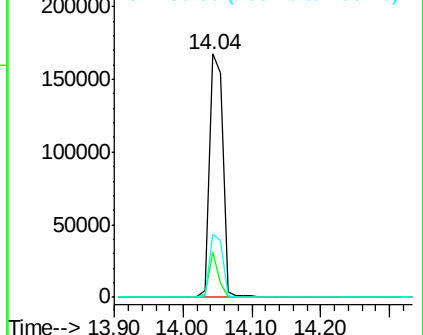
236 25.7 20.8 31.2



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: 72.07 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083808.D

Acq: 15 Dec 2015 10:06

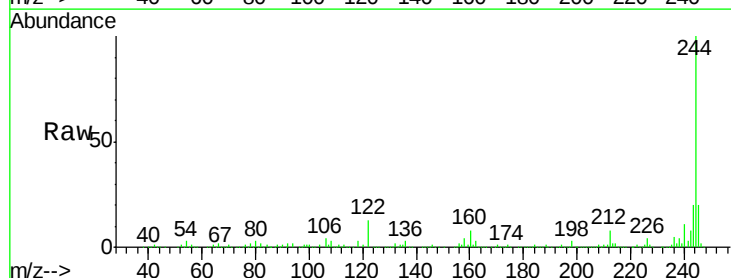
Tgt Ion:244 Resp: 776920

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

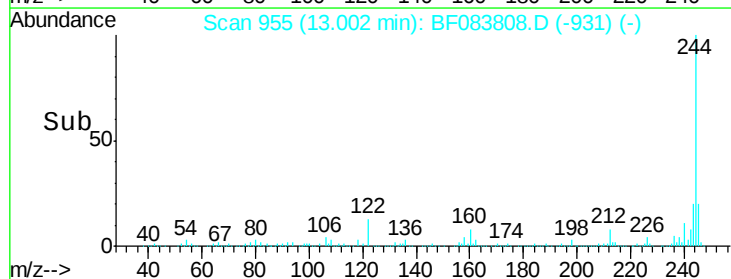
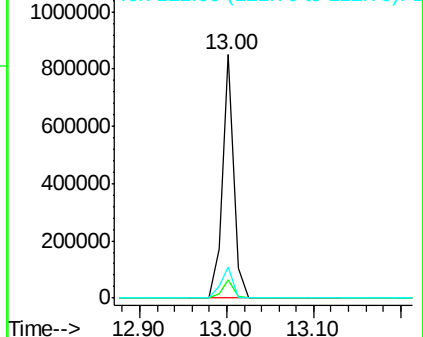
122 13.0 11.0 16.6

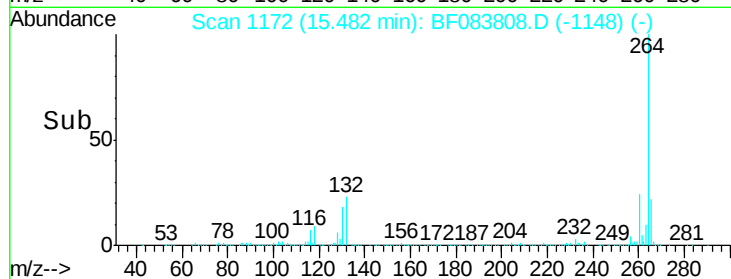
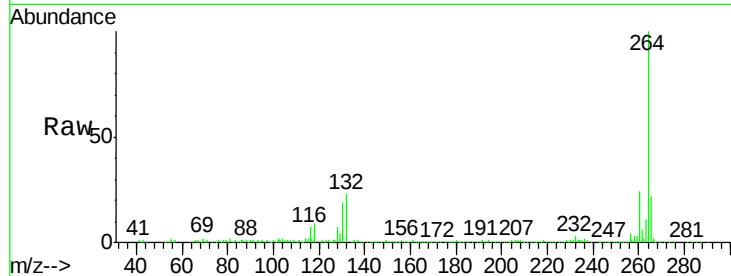
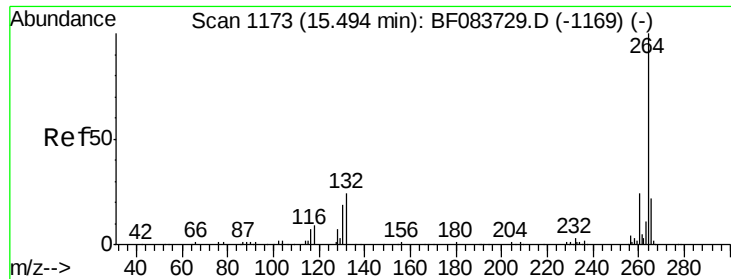


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	22.1	17.8	26.6

