

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 :

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

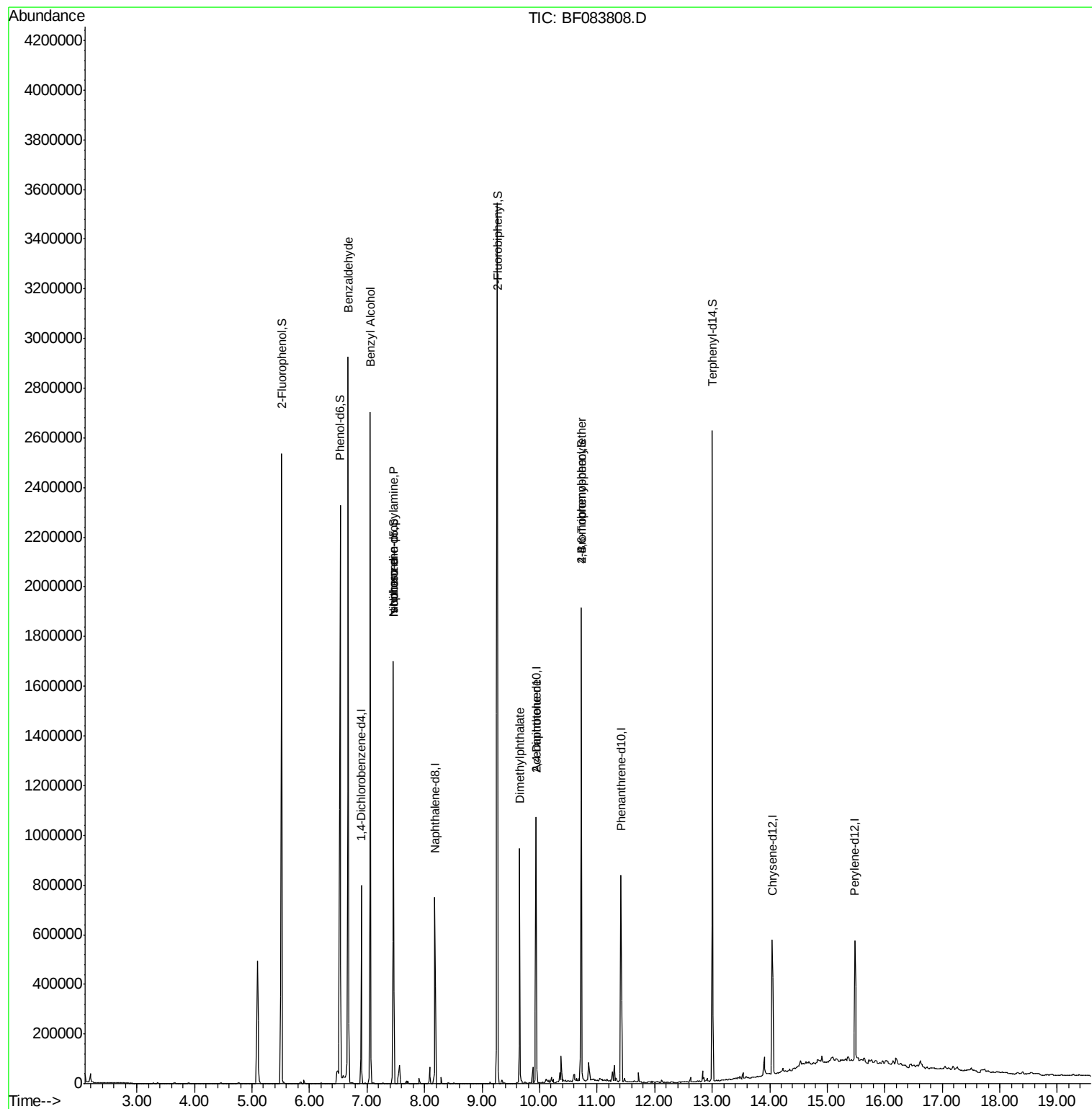
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111346	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	413856	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	208132	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	323036	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	231873	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						
9) Benzaldehyde	6.67	77	20664	4.40	ng	Qvalue 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

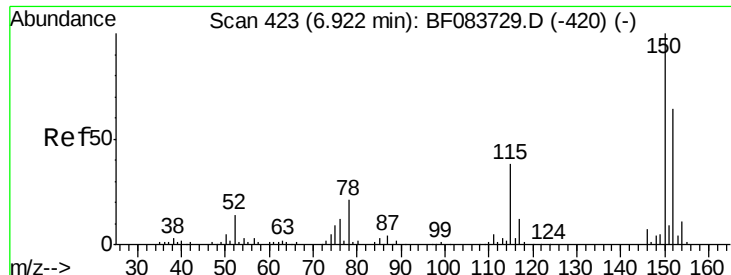
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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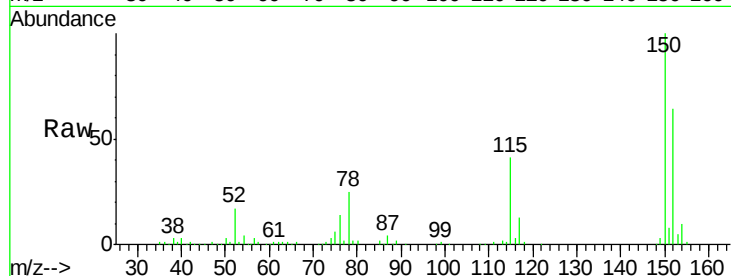




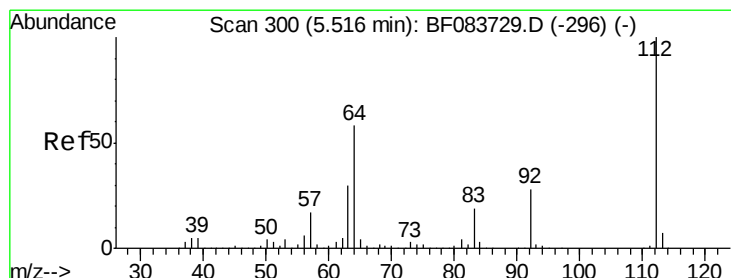
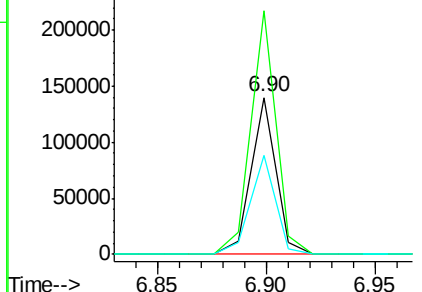
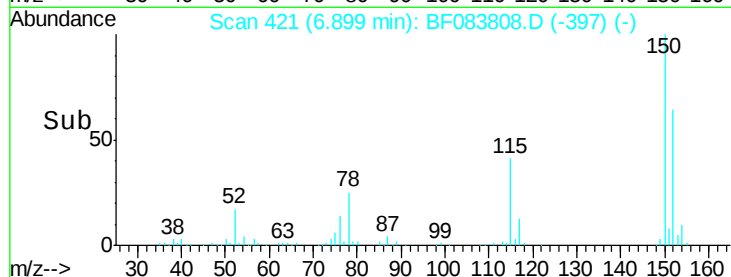
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :

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

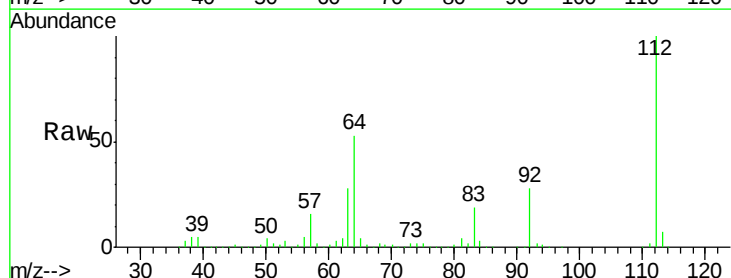


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

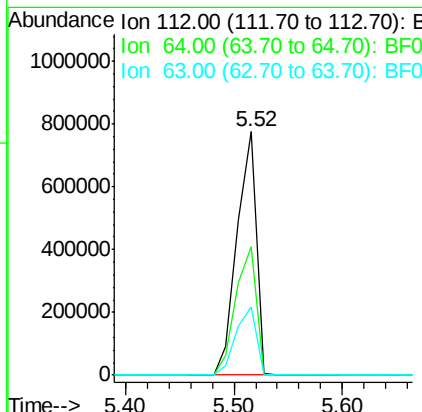
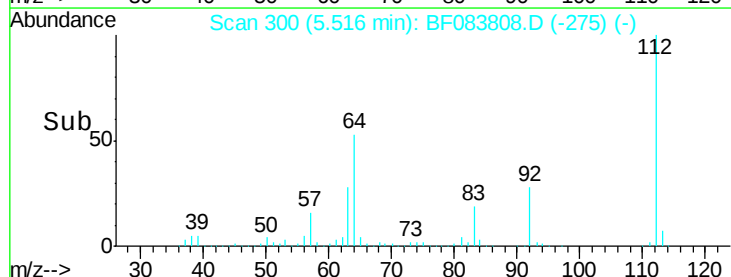


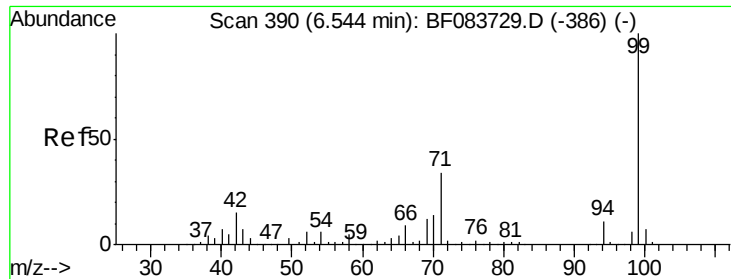
#5
 2-Fluorophenol
 Concen: 136.25 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

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

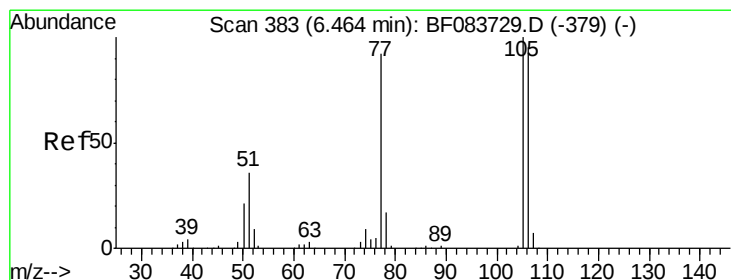
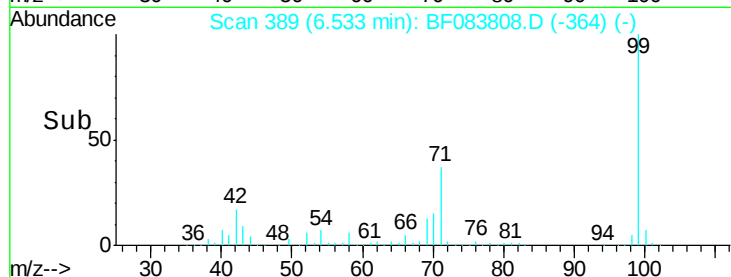
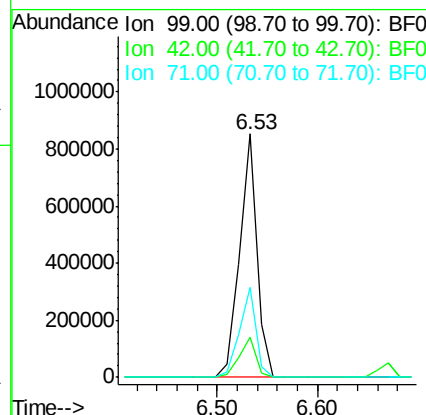
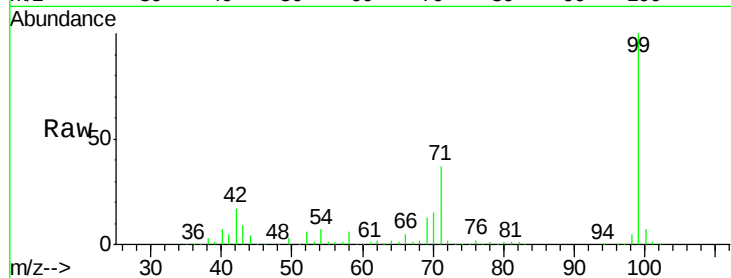
Instrument :

BNA_F

ClientSampled :

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

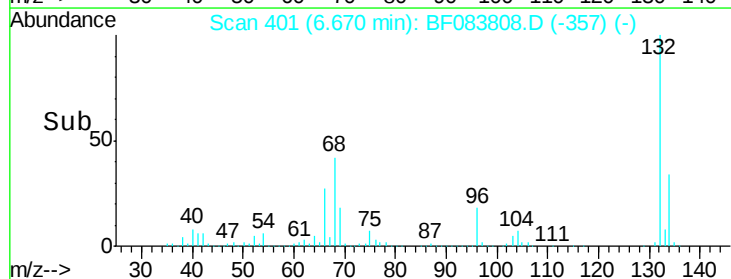
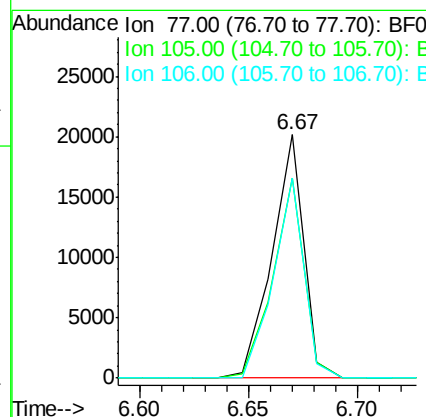
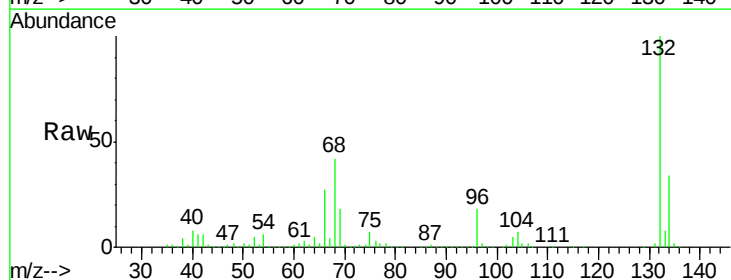
Delta R.T. 0.21 min

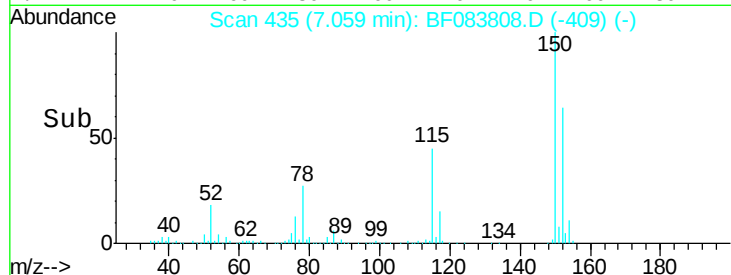
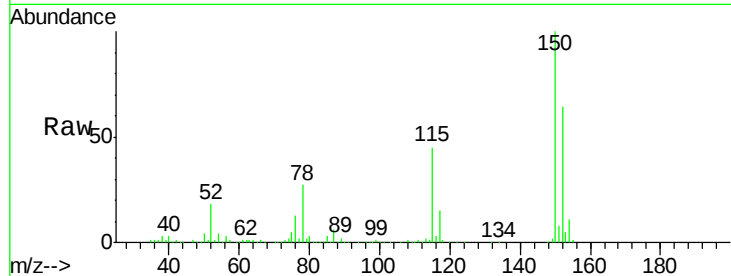
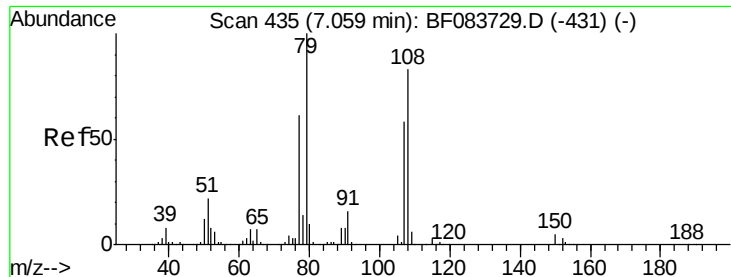
Lab File: BF083808.D

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 :

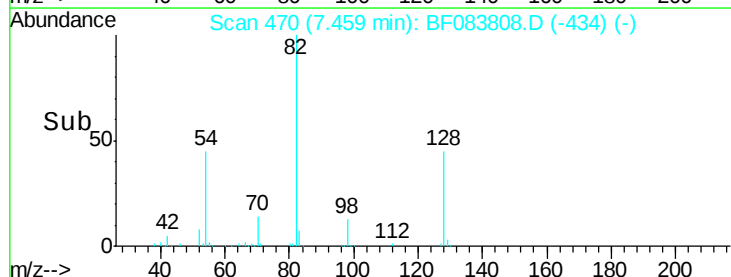
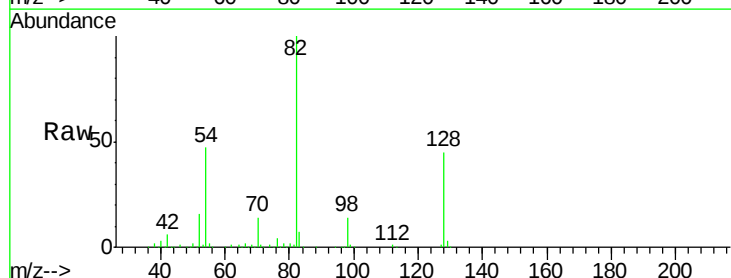
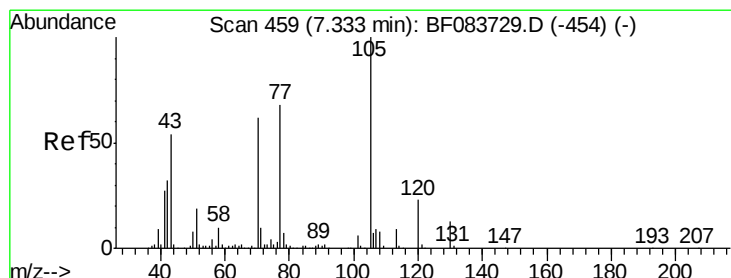
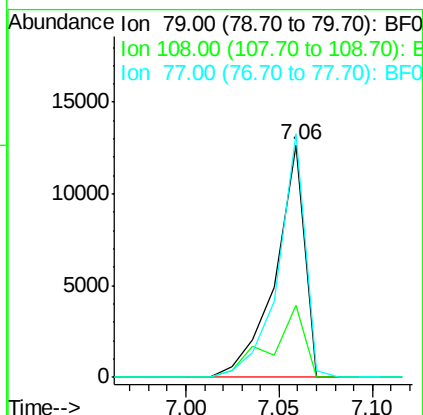
Tot Ion: 79 Resp: 13882

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

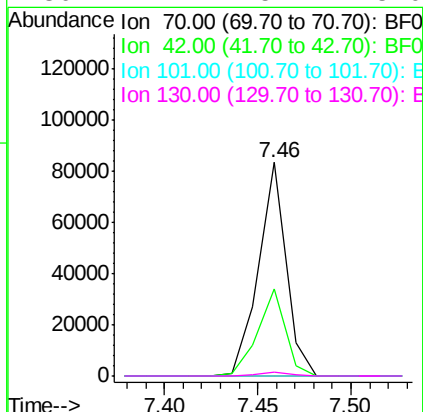
Ion Ratio Lower Upper

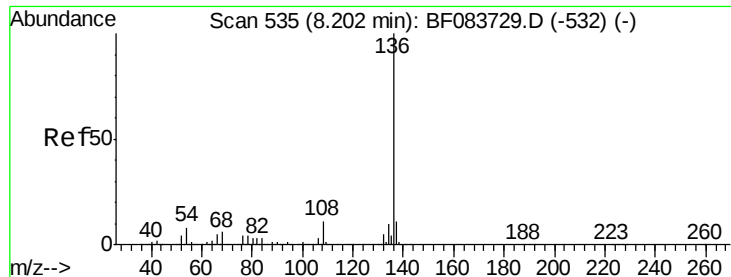
70 100

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 :

Tot Ion:136 Resp: 413856

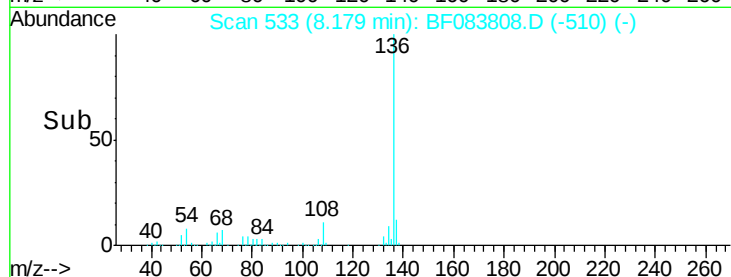
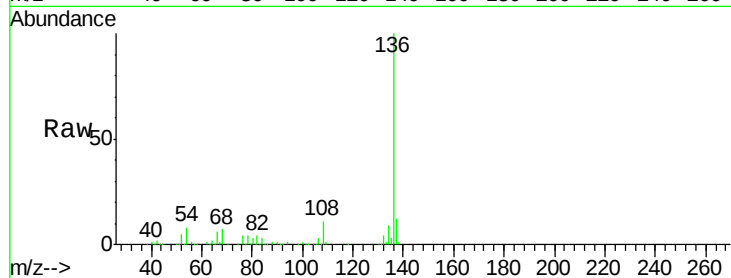
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 8.4 7.8 11.6

68 6.7 5.7 8.5

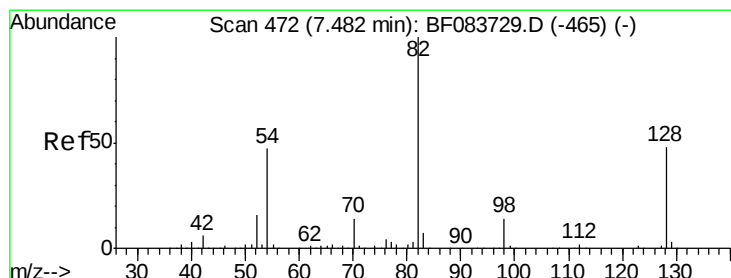
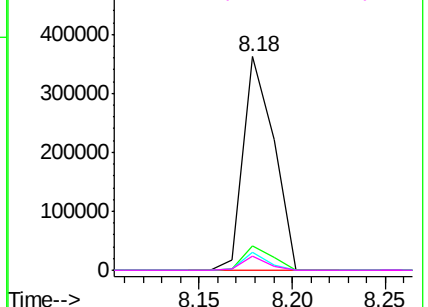


Abundance Ion 136.00 (135.70 to 136.70): E

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

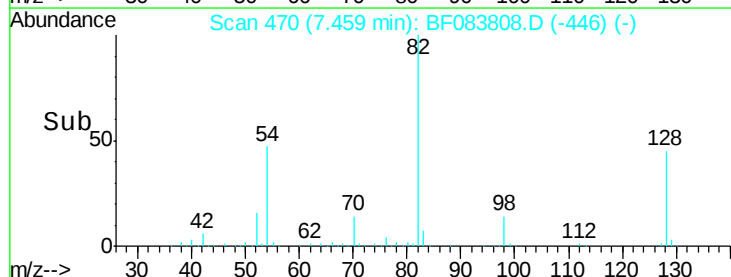
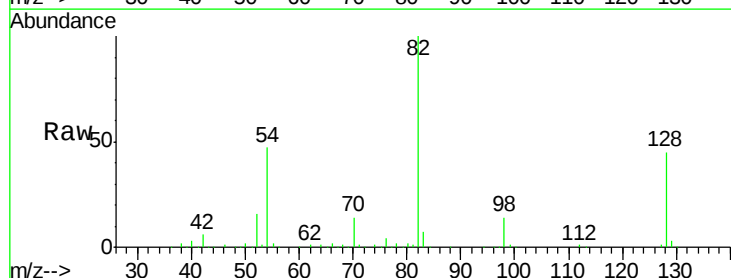
Tgt Ion: 82 Resp: 634894

Ion Ratio Lower Upper

82 100

128 45.4 30.7 46.1

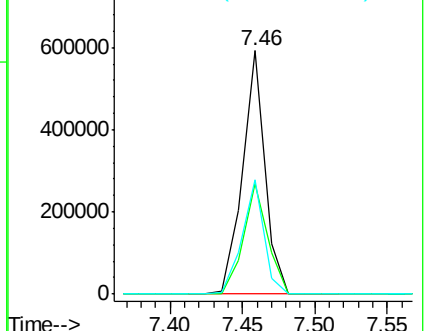
54 47.2 42.5 63.7

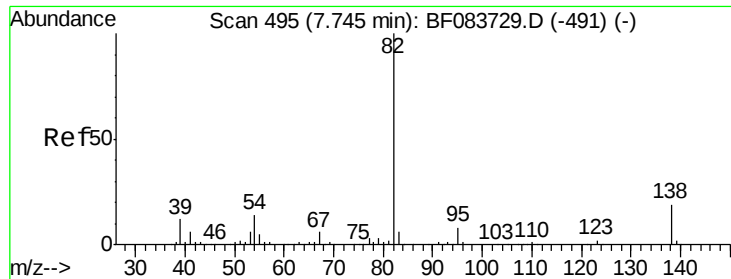


Abundance Ion 82.00 (81.70 to 82.70): BF0

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 :

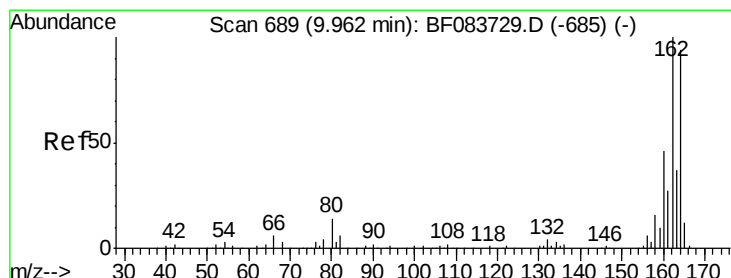
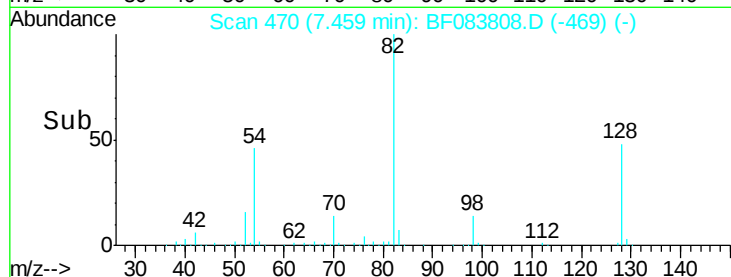
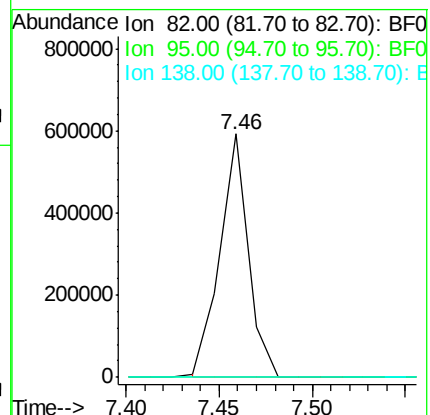
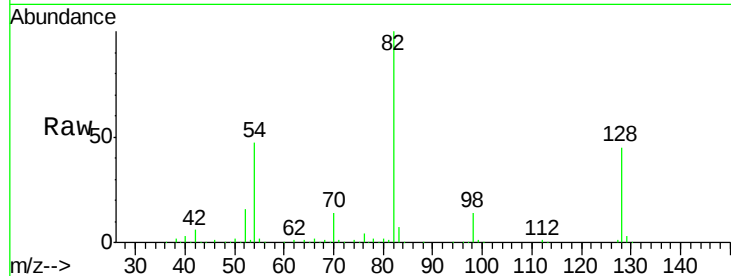
Tot Ion: 82 Resp: 629298

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.1 18.1#



#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

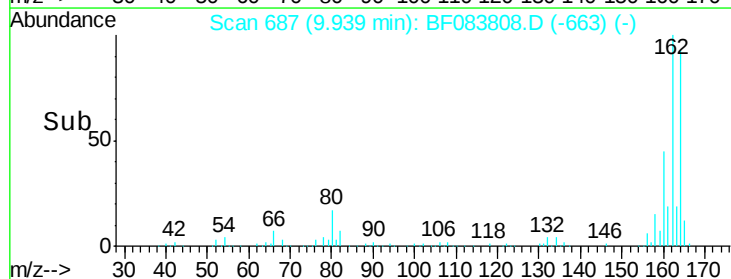
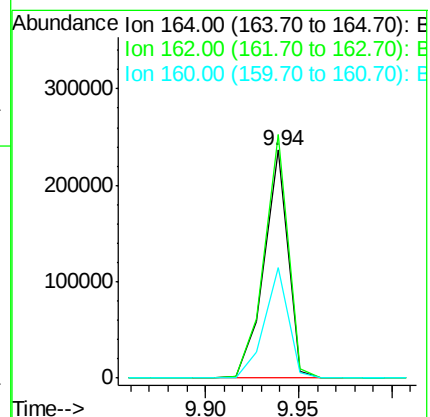
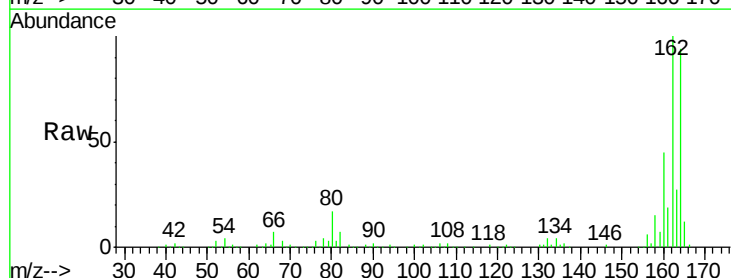
Tgt Ion:164 Resp: 208132

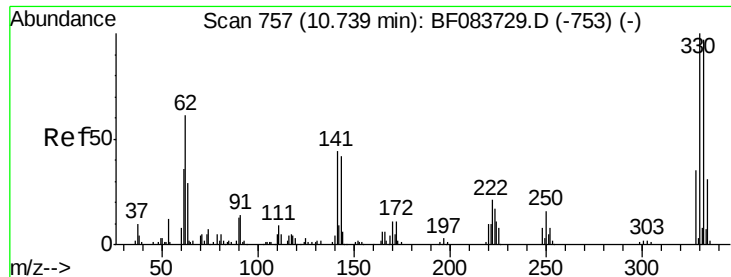
Ion Ratio Lower Upper

164 100

162 106.8 78.8 118.2

160 48.4 33.4 50.2

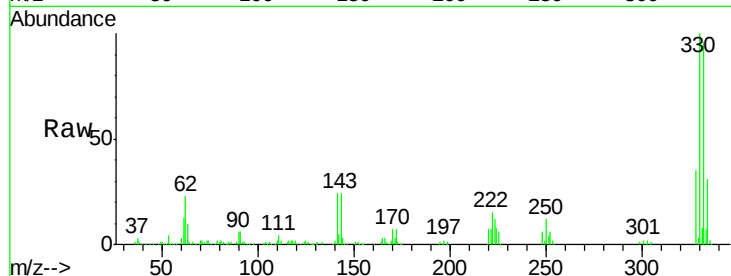




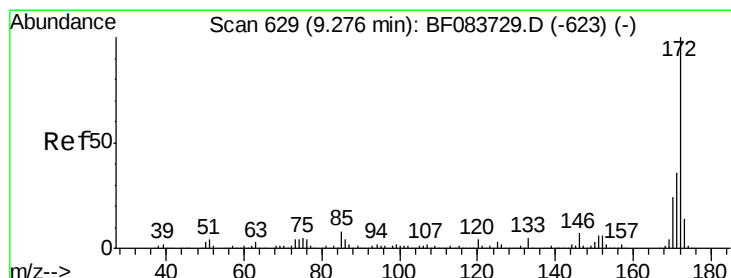
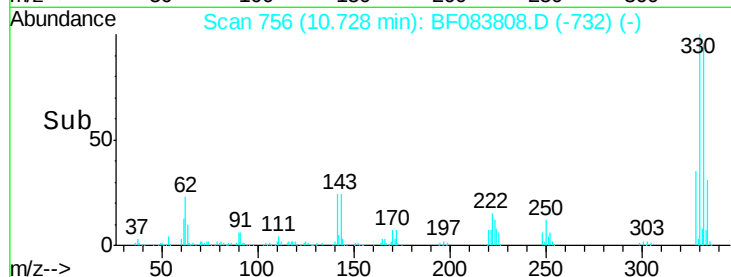
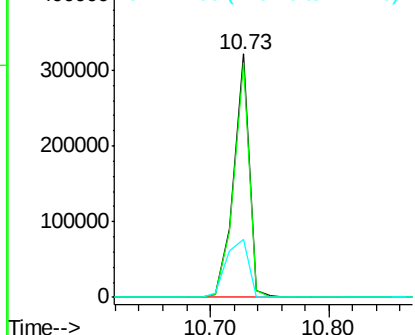
#41
 2,4,6-Tribromophenol
 Concen: 138.59 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :

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

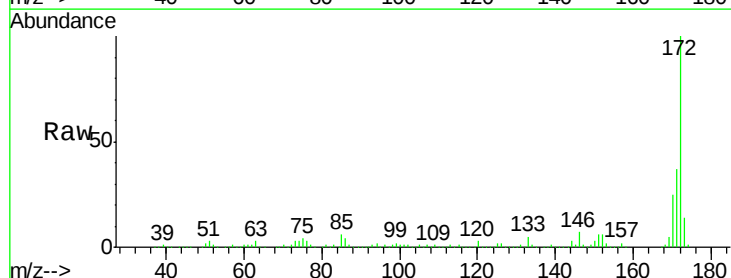


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

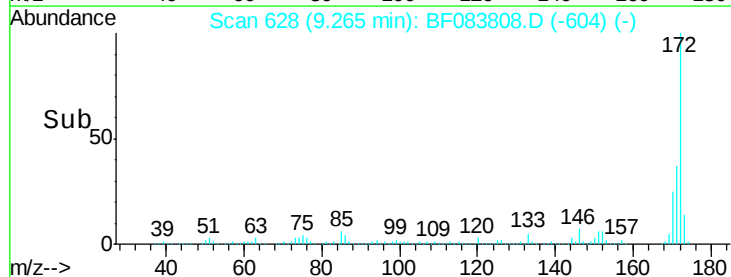
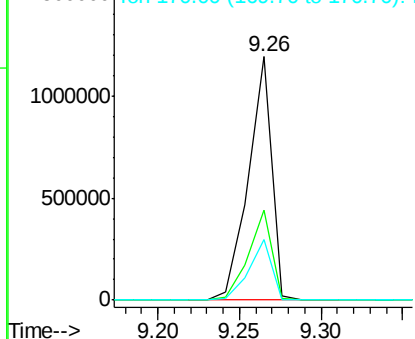


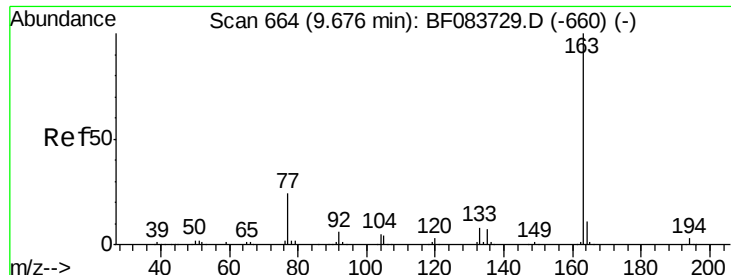
#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

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

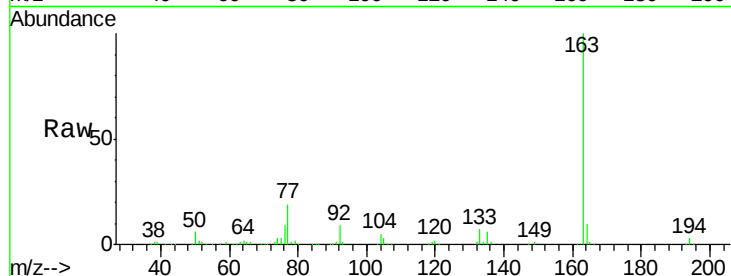




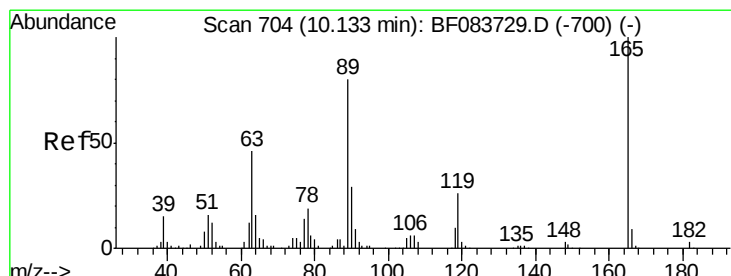
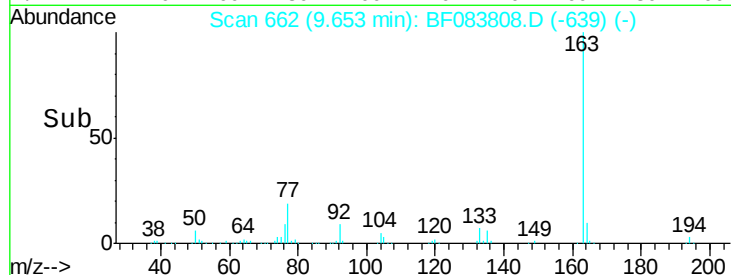
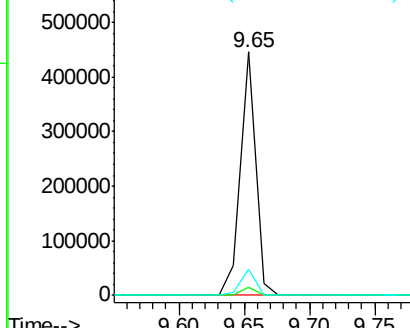
#49
Dimethylphthalate
Concen: 22.18 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 359850
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.5 8.6 13.0

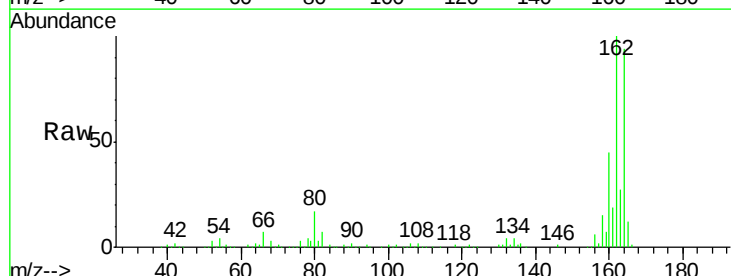


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

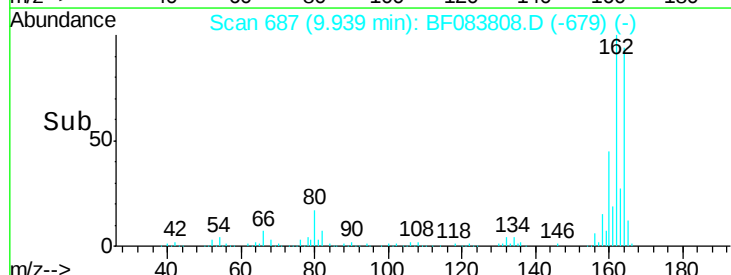
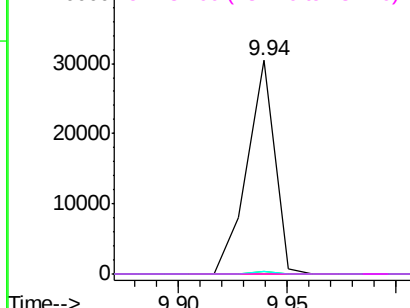


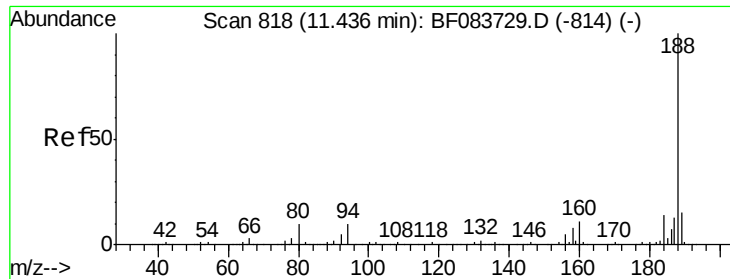
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Tgt Ion:165 Resp: 26930
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

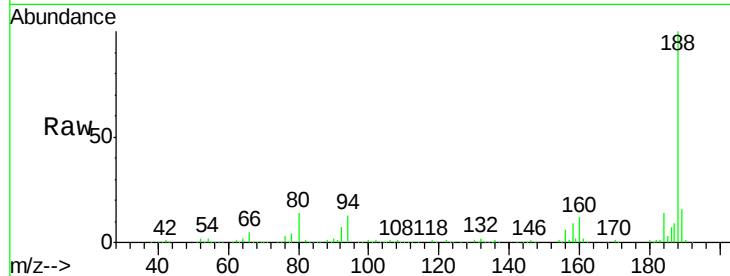




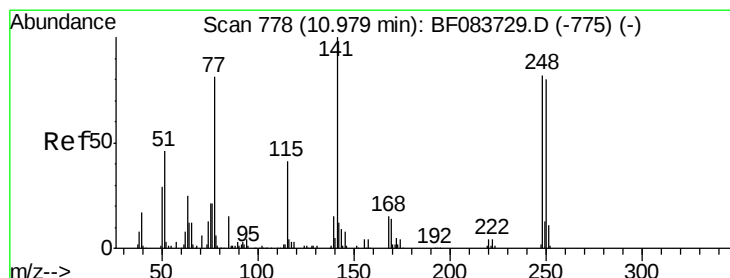
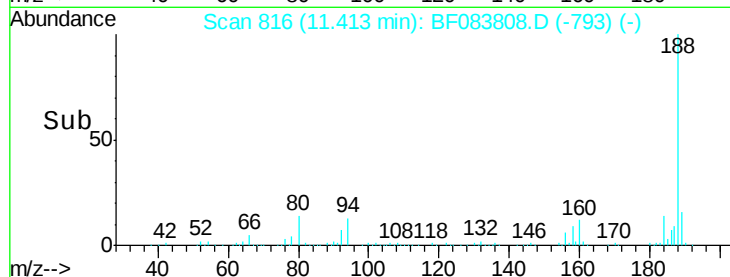
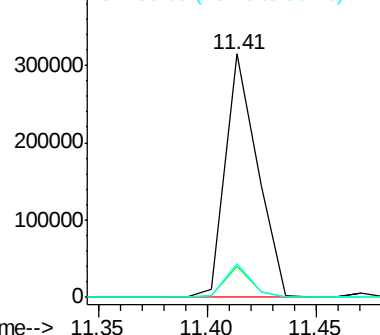
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :

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

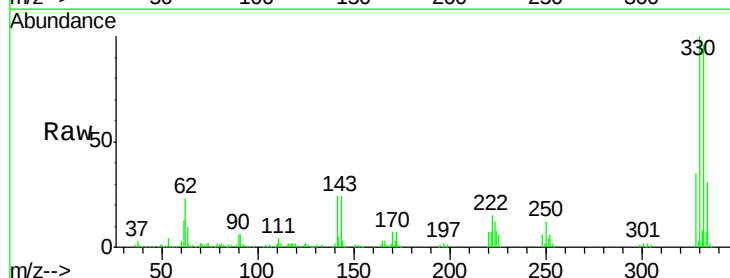


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

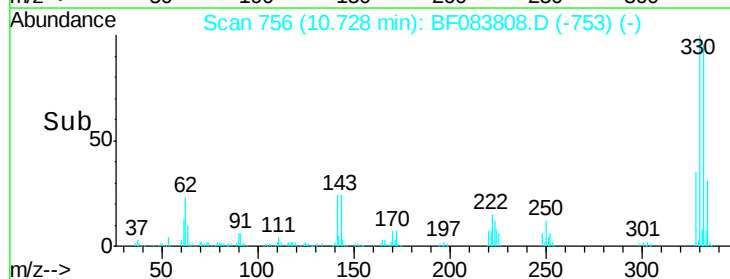
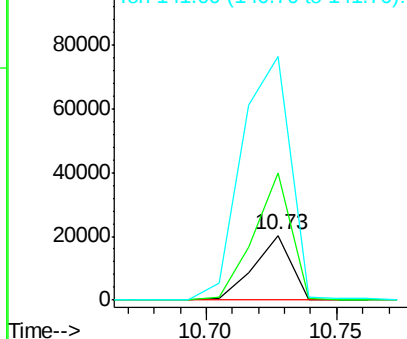


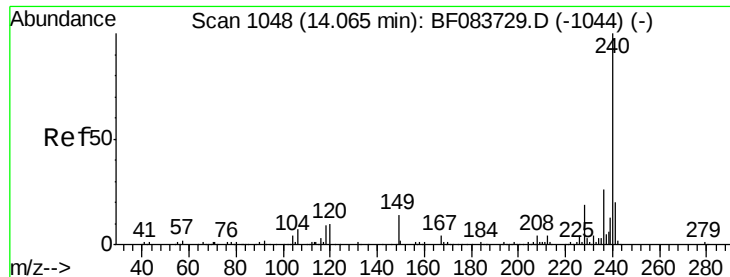
#66
 4-Bromophenyl-phenylether
 Concen: 5.58 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083808.D
 Acq: 15 Dec 2015 10:06

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 :

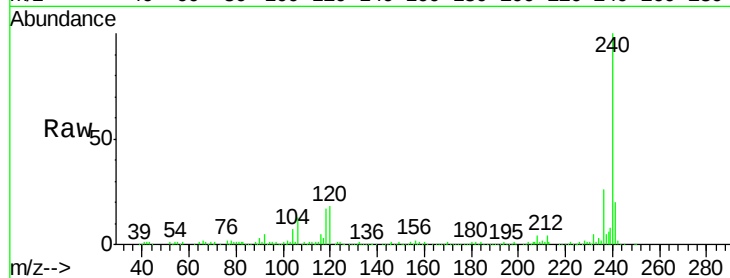
Tot Ion:240 Resp: 231873

Ion Ratio Lower Upper

240 100

120 18.5 8.1 12.1#

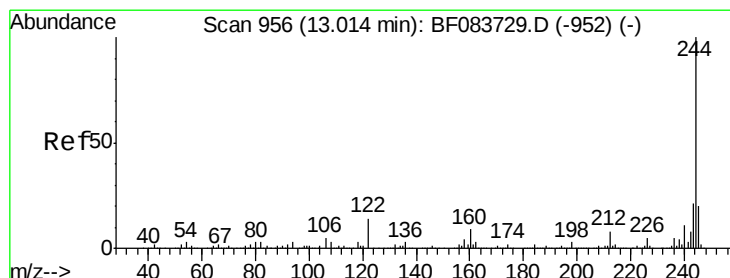
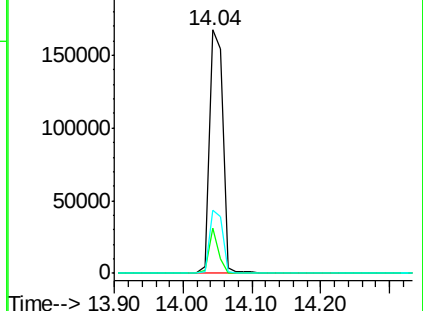
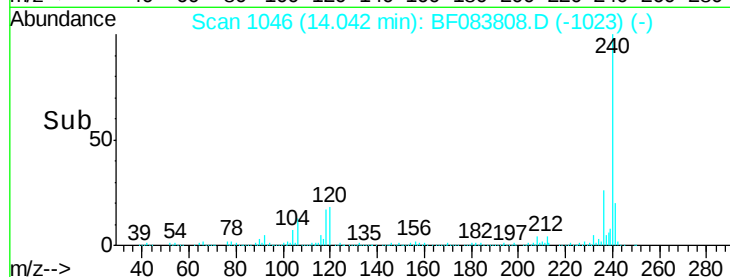
236 25.7 20.8 31.2



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

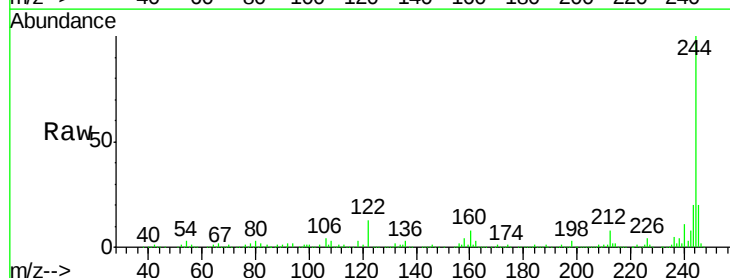
Tgt Ion:244 Resp: 776920

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

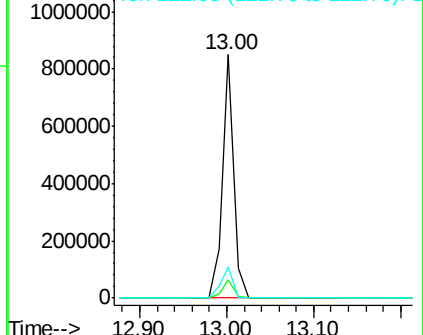
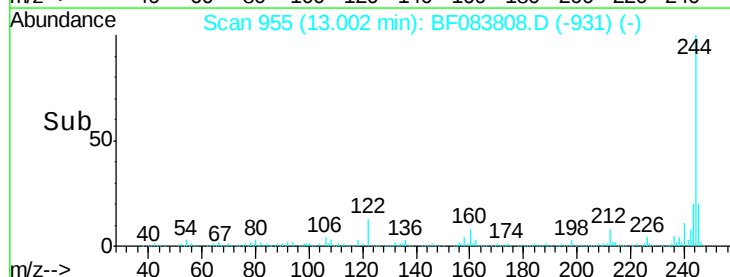
122 13.0 11.0 16.6

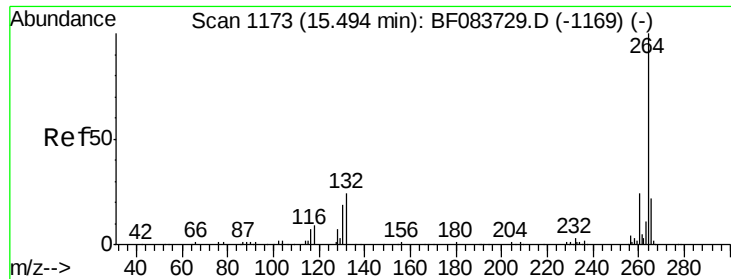


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

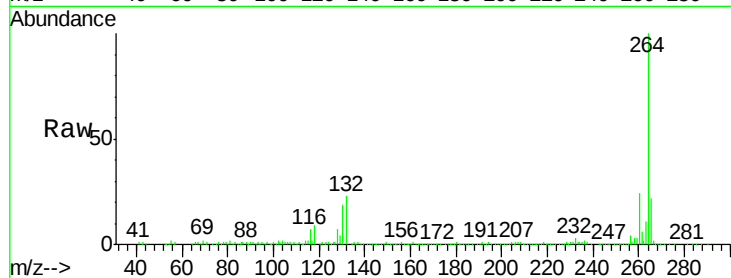




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083808.D
Acq: 15 Dec 2015 10:06

Instrument :
BNA_F
ClientSampleId :

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



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

