

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
 Data File : BF082871.D
 Acq On : 10 Nov 2015 15:54
 Operator : UM/IZ
 Sample : G4325-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

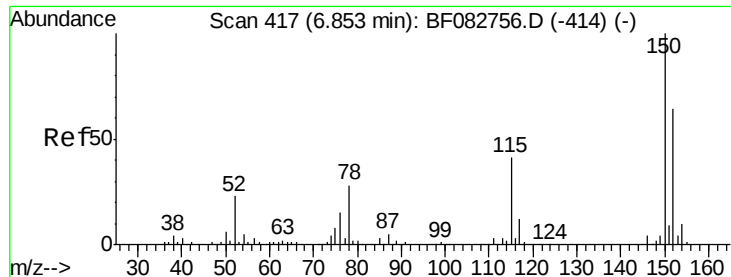
Quant Time: Nov 10 16:24:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 16:08:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	231382	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	815863	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	486465	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	896831	20.00	ng	0.00
75) Chrysene-d12	13.99	240	982028	20.00	ng	0.00
86) Perylene-d12	15.43	264	887358	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1585114	106.59	ng	0.02
7) Phenol-d6	6.46	99	2049239	103.65	ng	0.00
23) Nitrobenzene-d5	7.38	82	1310860	69.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	517183	92.72	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2101126	61.90	ng	0.00
78) Terphenyl-d14	12.93	244	2225861	53.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	43320	3.97	ng	89
15) Benzyl Alcohol	6.97	79	37524	2.16	ng	# 75
19) n-Nitroso-di-n-propylamine	7.38	70	180088	12.39	ng	# 70
25) Isophorone	7.38	82	988861	28.50	ng	# 69
32) Benzoic acid	8.09	122	4501333	457.18	ng	88
50) 2,6-Dinitrotoluene	9.86	165	63462	7.46	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	63462	5.50	ng	# 16
61) 4-Nitroaniline	10.42	138	21955	2.33	ng	# 7
66) 4-Bromophenyl-phenylether	10.65	248	35822	3.32	ng	# 1

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

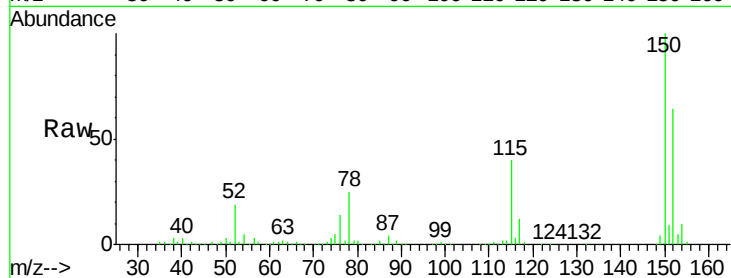


#1

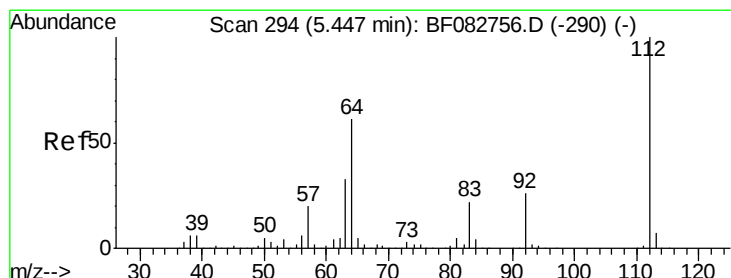
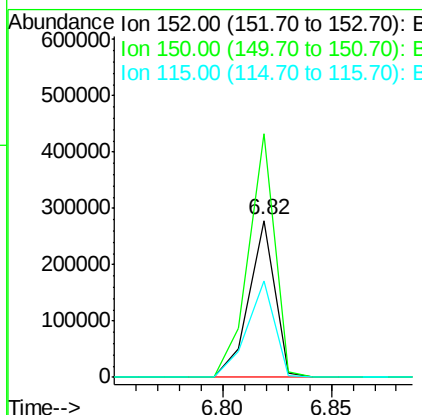
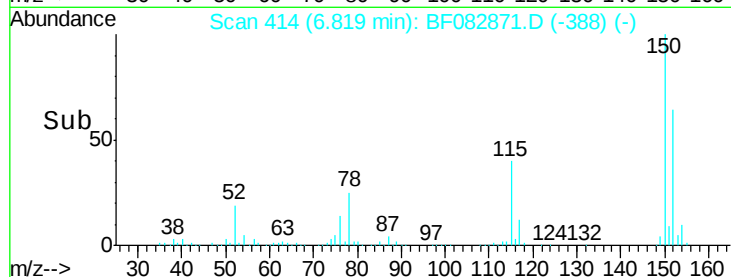
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.0	190.4
115	61.6	47.0	70.6



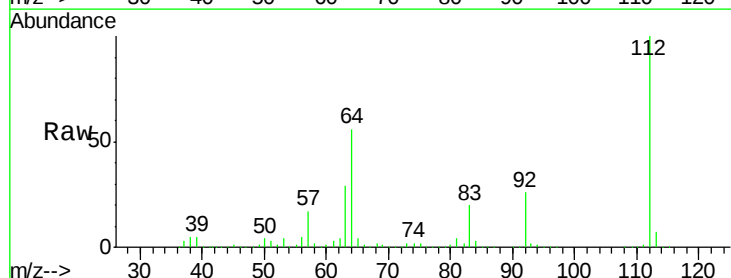
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



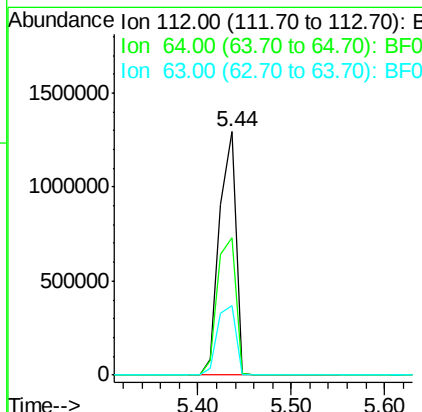
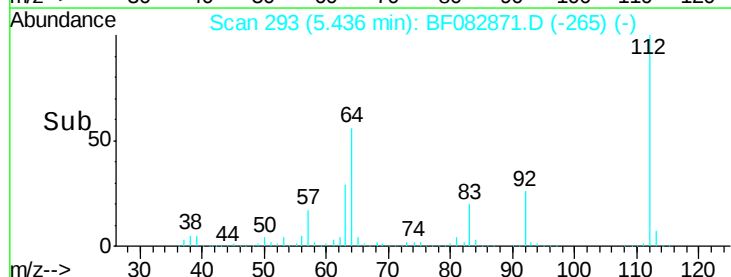
#5

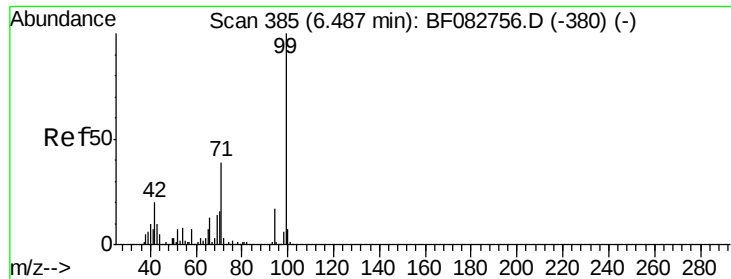
2-Fluorophenol
 Concen: 106.59 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.02 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	48.9	73.3
63	28.8	28.1	42.1



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: 103.65 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

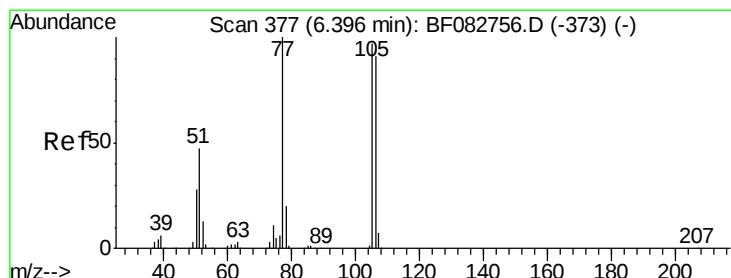
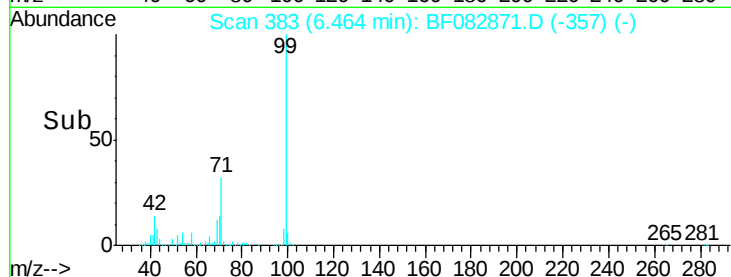
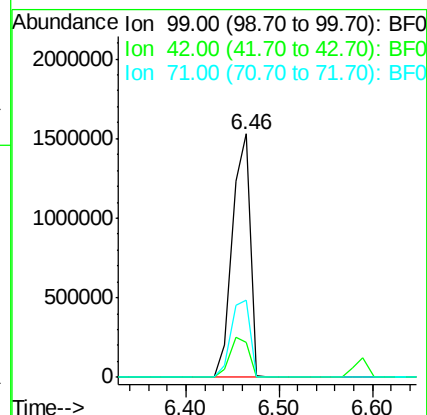
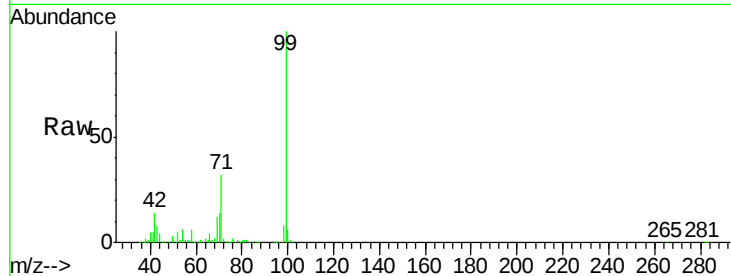
Tot Ion: 99 Resp: 2049239

Ion Ratio Lower Upper

99 100

42 14.4 19.2 28.8#

71 31.9 35.0 52.4#



#9

Benzaldehyde

Concen: 3.97 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

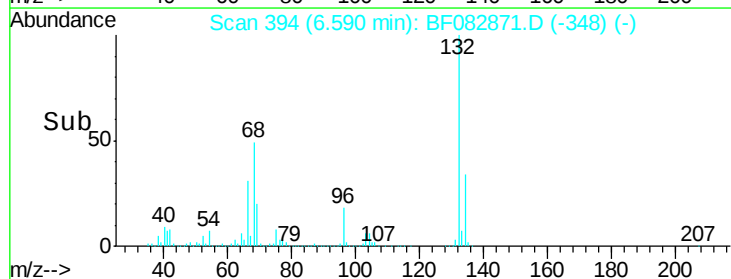
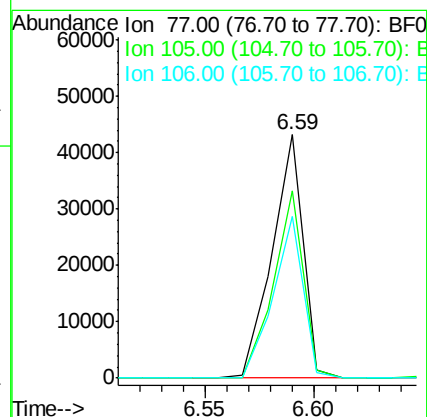
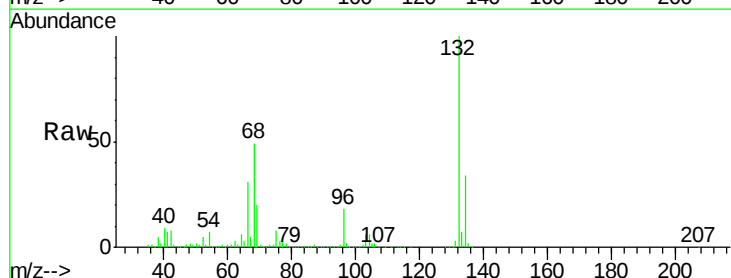
Tgt Ion: 77 Resp: 43320

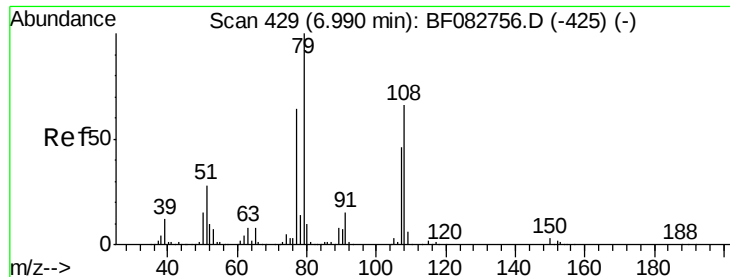
Ion Ratio Lower Upper

77 100

105 76.9 63.5 103.5

106 66.4 59.3 99.3





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampled :

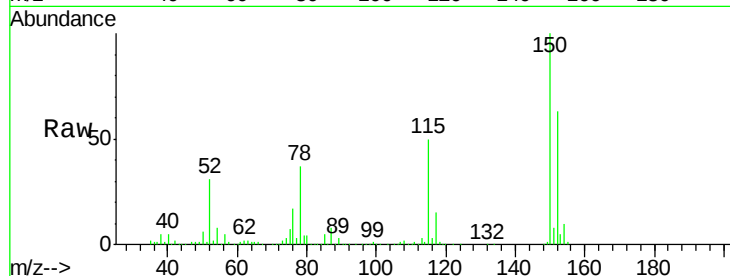
Tot Ion: 79 Resp: 37524

Ion Ratio Lower Upper

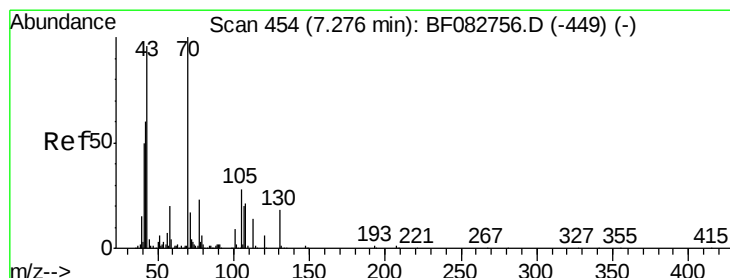
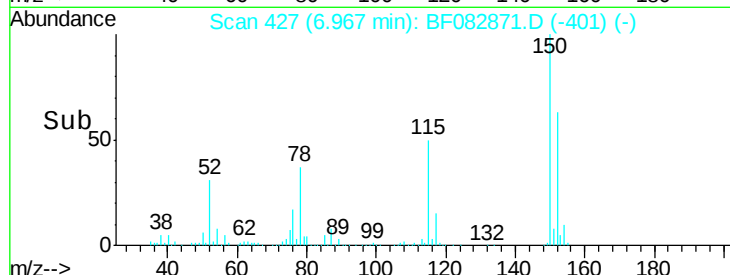
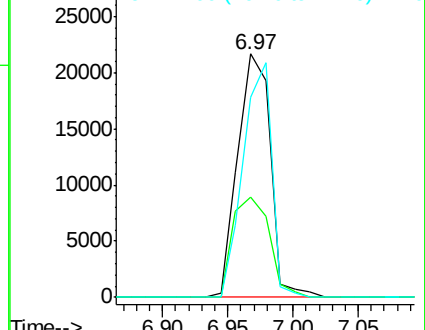
79 100

108 41.4 52.2 78.4#

77 82.1 52.7 79.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.39 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Tgt Ion: 70 Resp: 180088

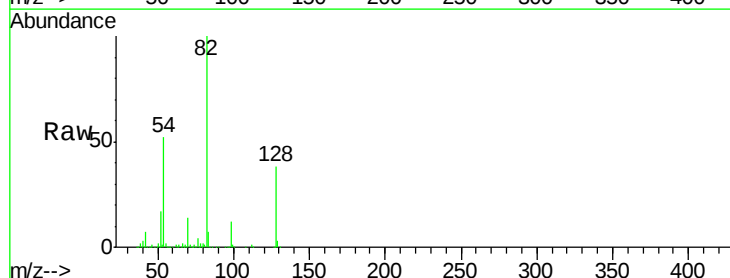
Ion Ratio Lower Upper

70 100

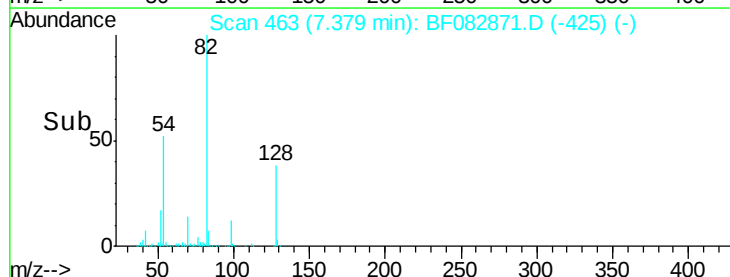
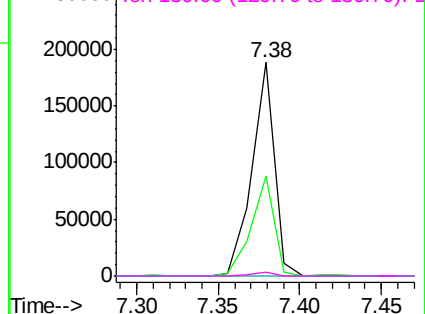
42 46.9 57.7 86.5#

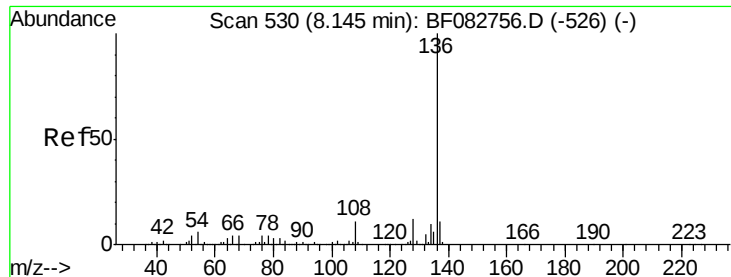
101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): B
Ion 130.00 (129.70 to 130.70): B





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF082871.D

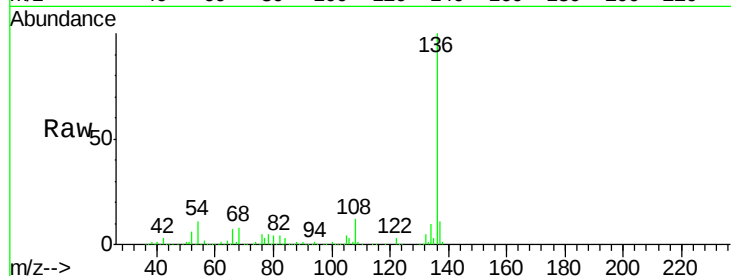
Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	815863
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	11.0	9.1 13.7
68	7.9	4.8 7.2#

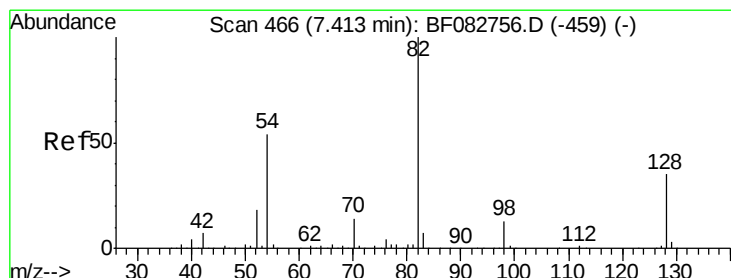
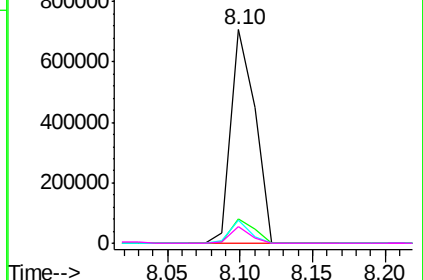
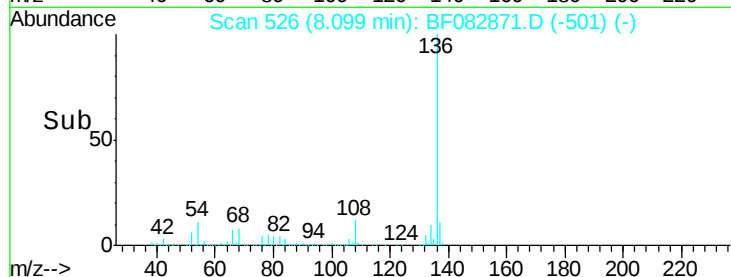


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.91 ng

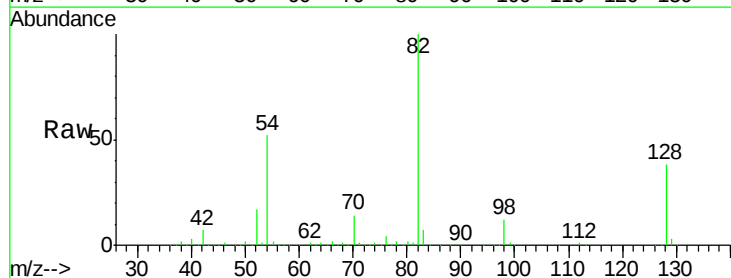
RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

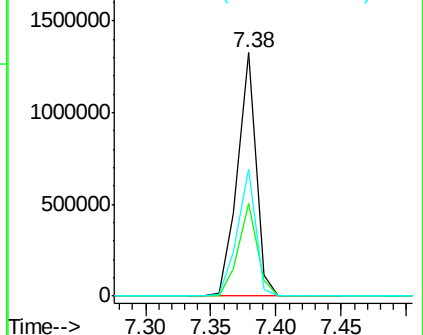
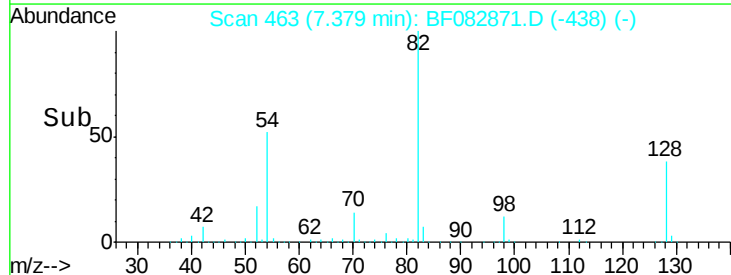
Tgt Ion: 82	Resp:	1310860
Ion Ratio	Lower	Upper
82	100	
128	37.9	26.8 40.2
54	52.4	45.7 68.5

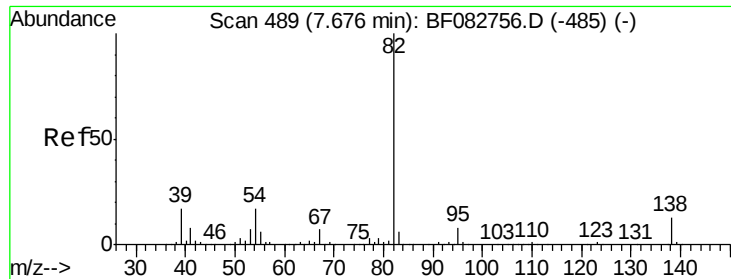


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.50 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.27 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

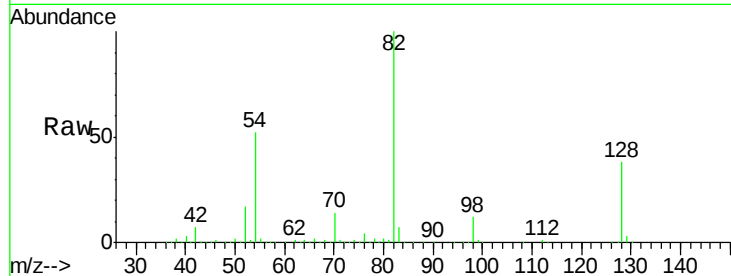
Tot Ion: 82 Resp: 988861

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

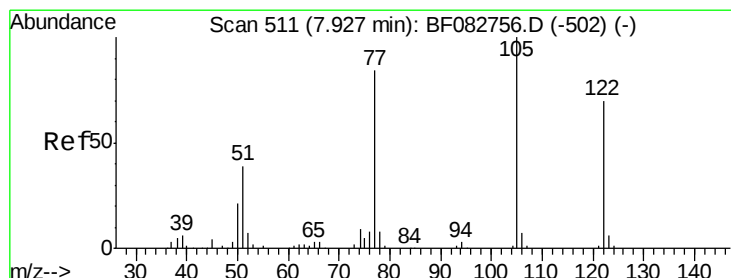
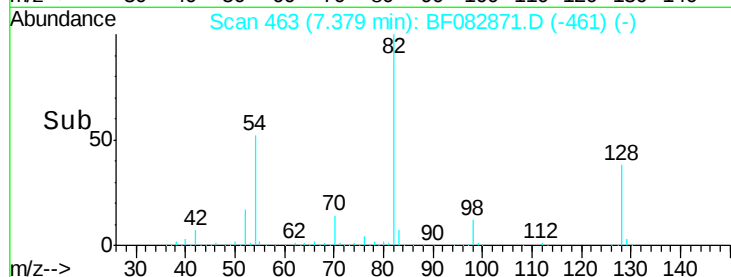
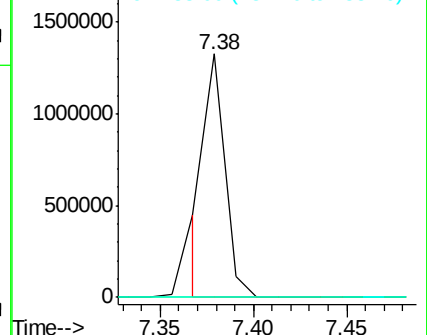
138 0.0 11.4 17.0#



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



#32

Benzoic acid

Concen: 457.18 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.17 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

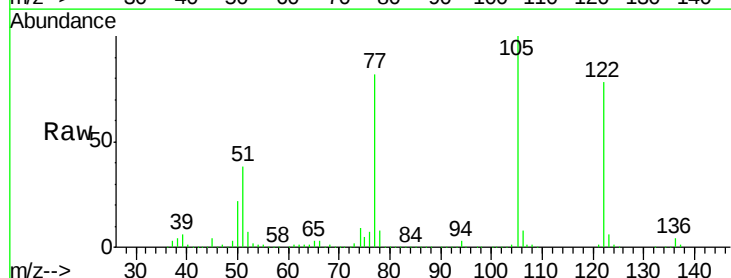
Tgt Ion:122 Resp: 4501333

Ion Ratio Lower Upper

122 100

105 128.8 122.6 162.6

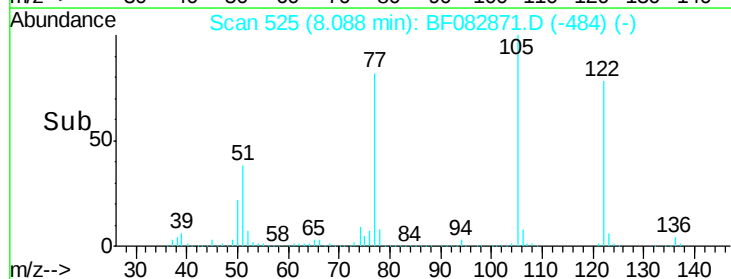
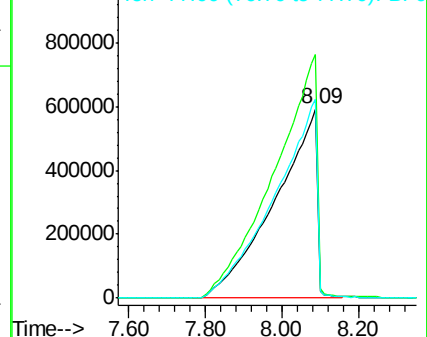
77 105.5 100.9 140.9

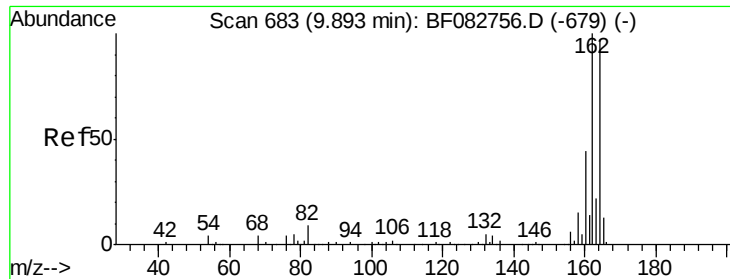


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

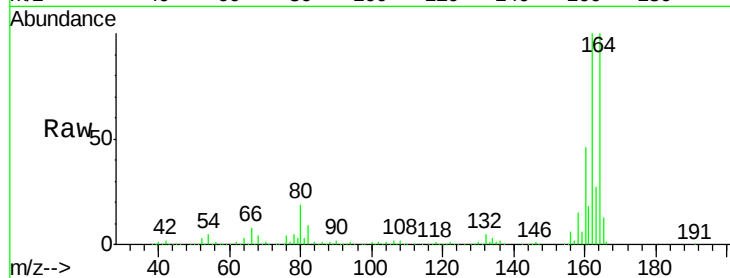




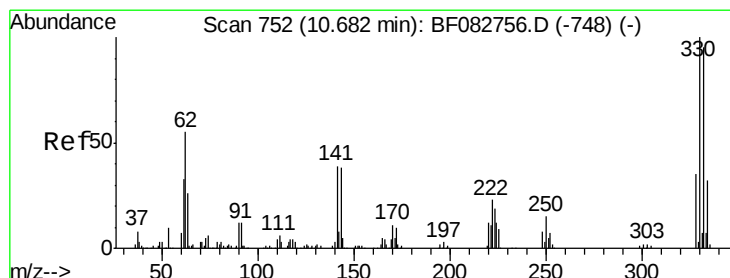
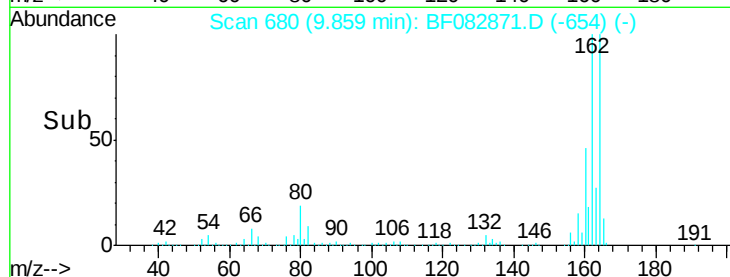
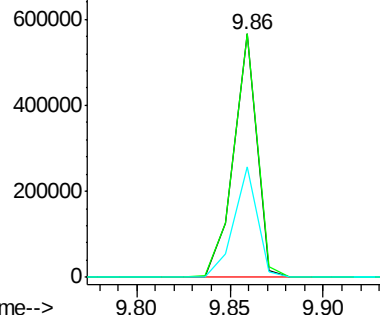
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 486465
Ion Ratio Lower Upper
164 100
162 99.8 84.9 127.3
160 45.6 37.5 56.3

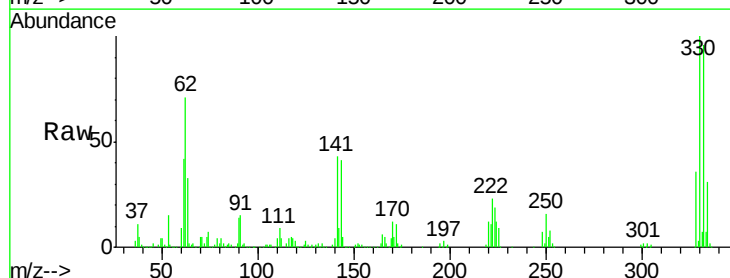


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

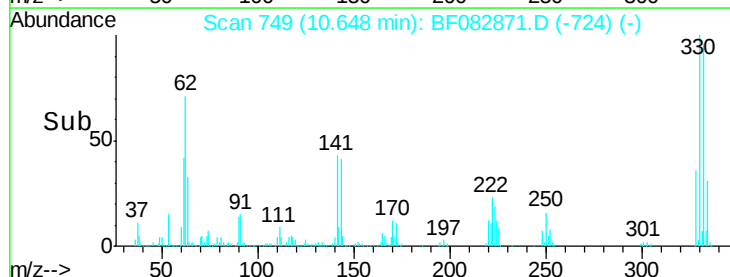
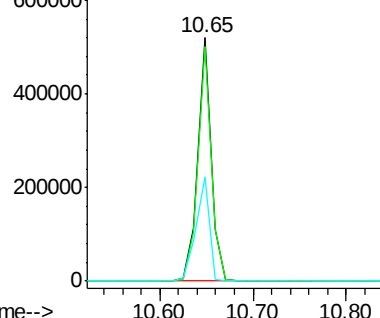


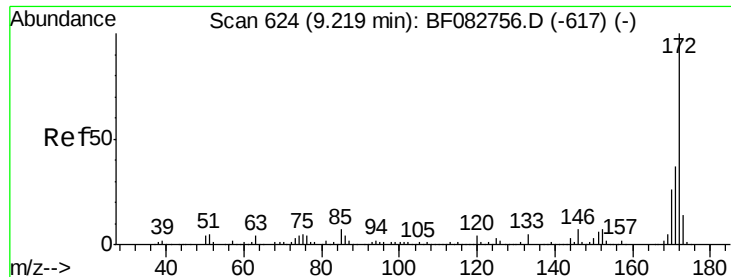
#41
2,4,6-Tribromophenol
Concen: 92.72 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Tgt Ion:330 Resp: 517183
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 42.9 41.2 61.8



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

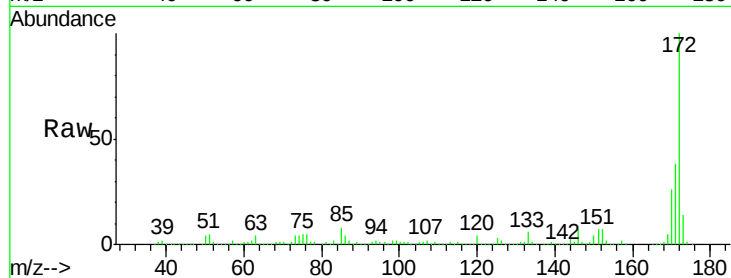




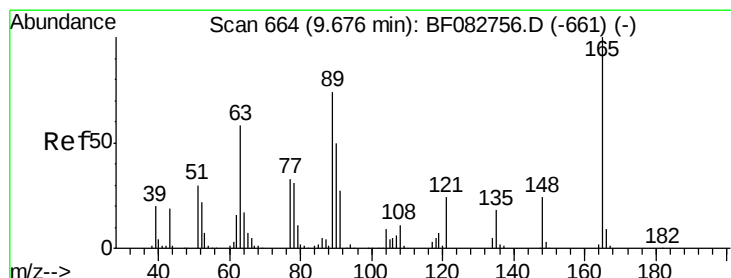
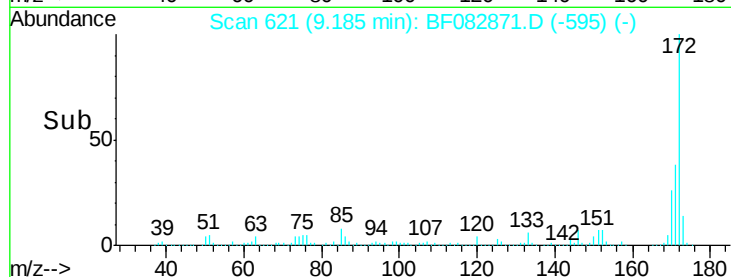
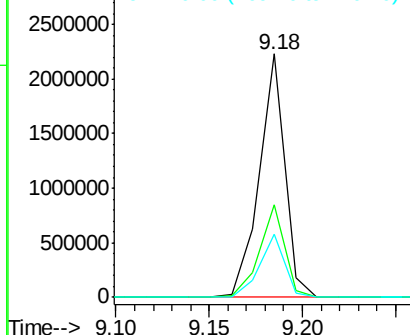
#44
 2-Fluorobiphenyl
 Concen: 61.90 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2101126
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.2 21.2 31.8

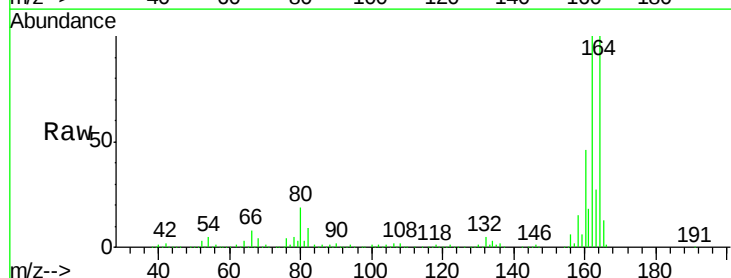


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

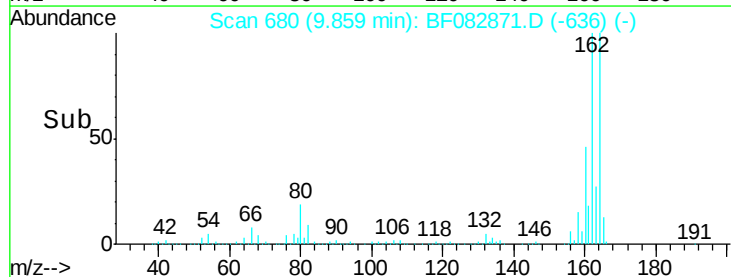
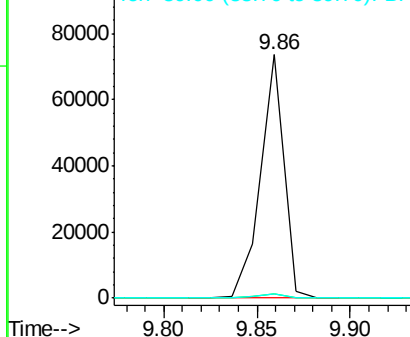


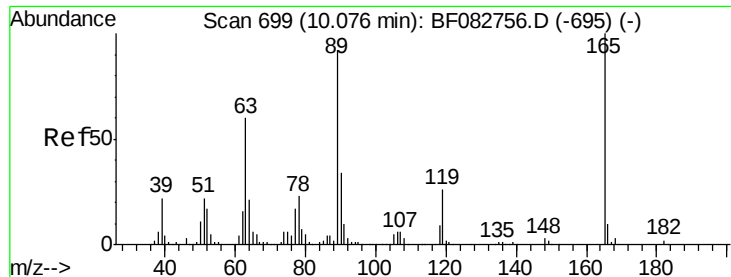
#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Tgt Ion:165 Resp: 63462
 Ion Ratio Lower Upper
 165 100
 63 1.6 55.5 83.3#
 89 1.6 55.0 82.6#



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

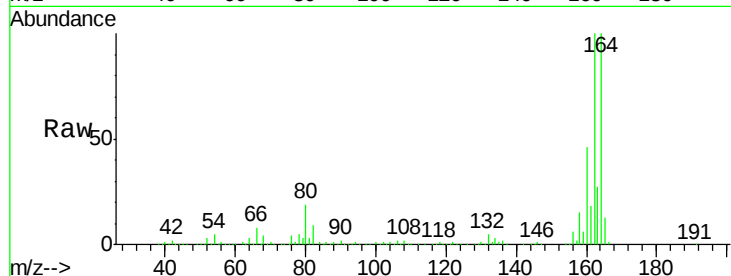




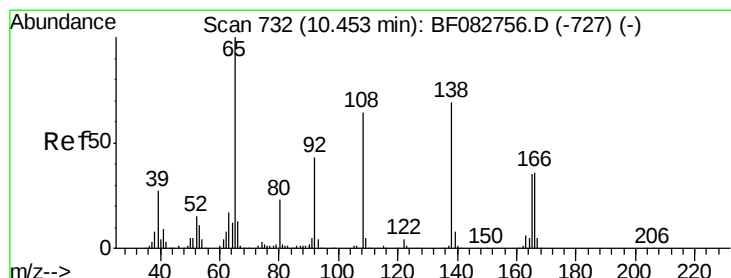
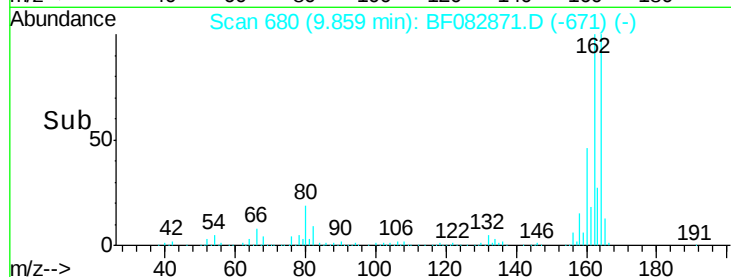
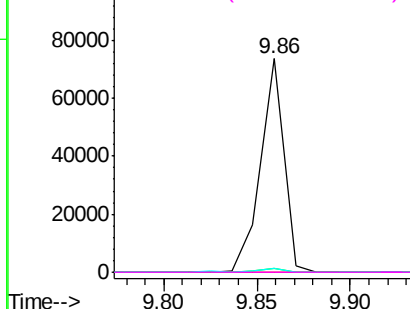
#56
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.19 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 63462
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.6 70.6 106.0#
182 0.0 1.5 2.3#

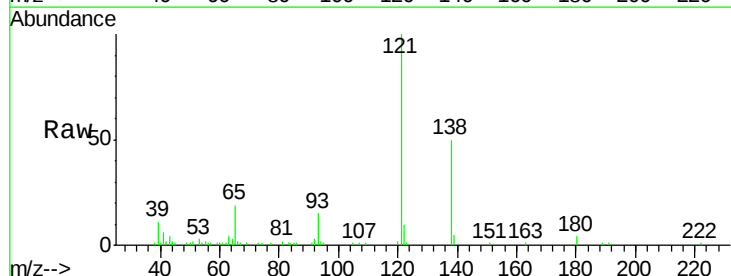


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

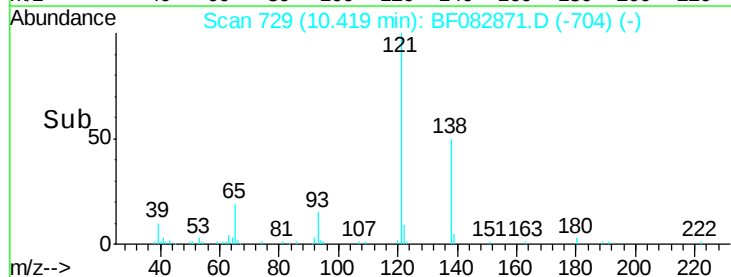
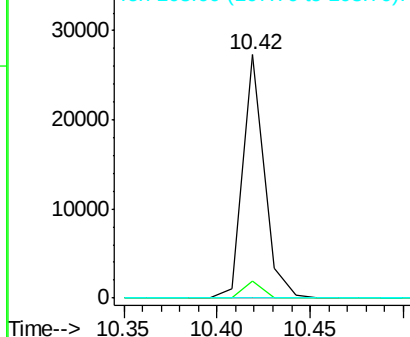


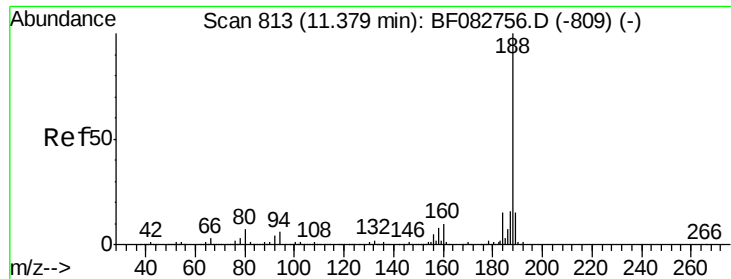
#61
4-Nitroaniline
Concen: 2.33 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Tgt Ion:138 Resp: 21955
Ion Ratio Lower Upper
138 100
92 6.7 45.8 85.8#
108 0.0 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

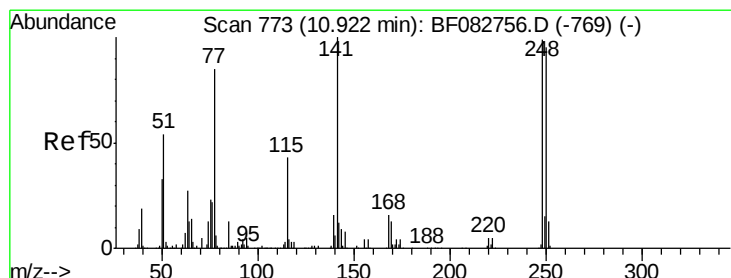
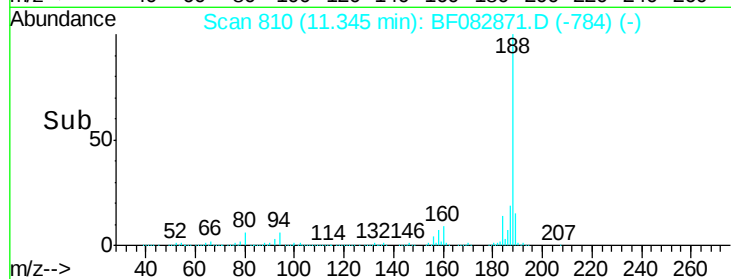
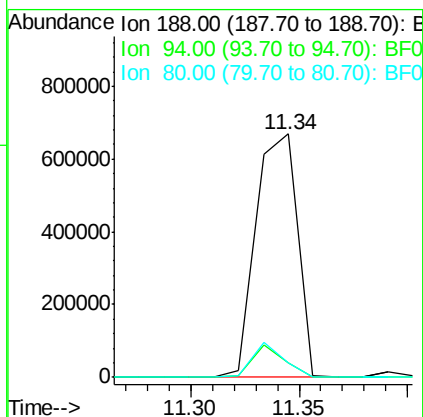
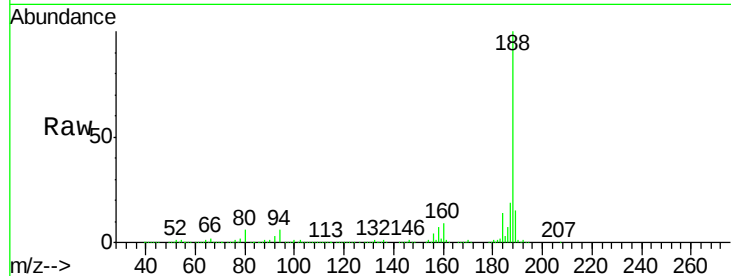




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

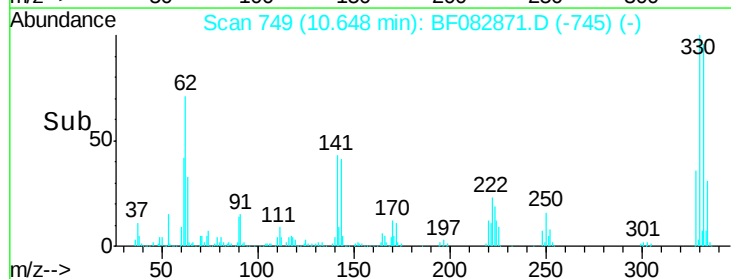
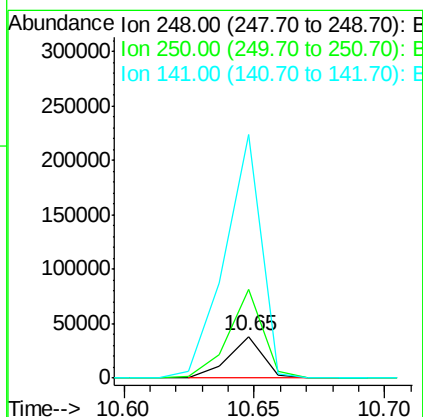
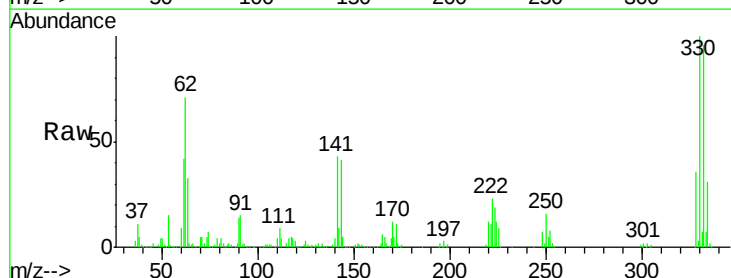
Instrument :
 BNA_F
 ClientSampleId :

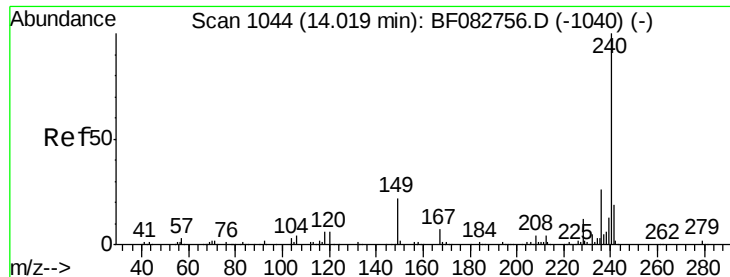
Tot Ion:188 Resp: 896831
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.1 9.1#
 80 5.7 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.32 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.25 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Tgt Ion:248 Resp: 35822
 Ion Ratio Lower Upper
 248 100
 250 210.7 79.4 119.2#
 141 581.2 36.3 54.5#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampled :

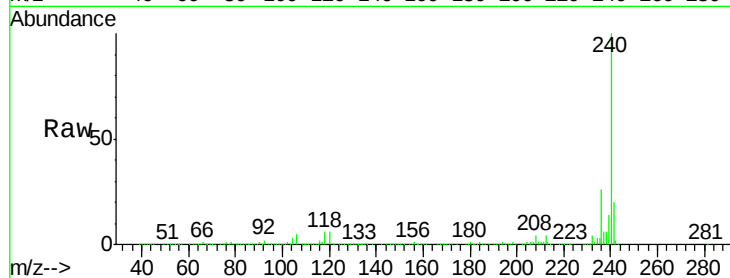
Tot Ion:240 Resp: 982028

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

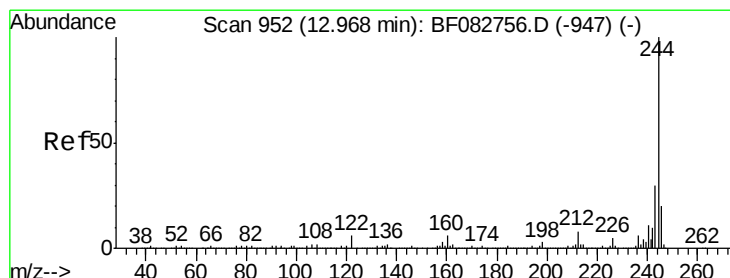
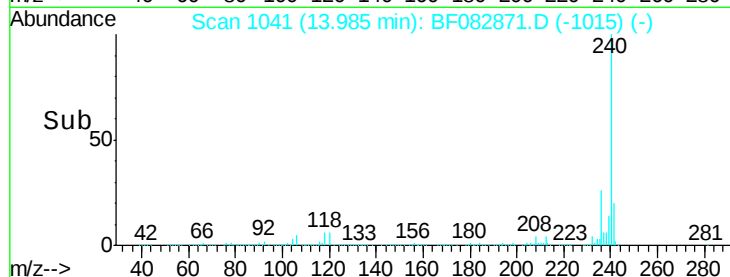
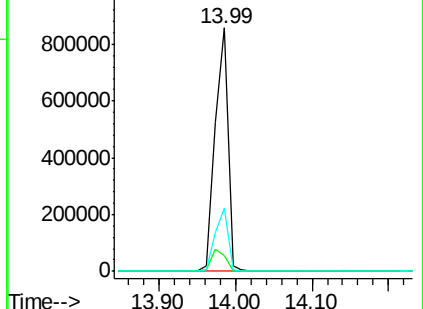
236 26.1 21.6 32.4



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: 53.76 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

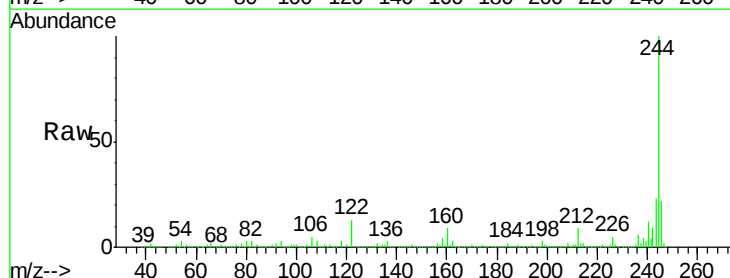
Tgt Ion:244 Resp: 2225861

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

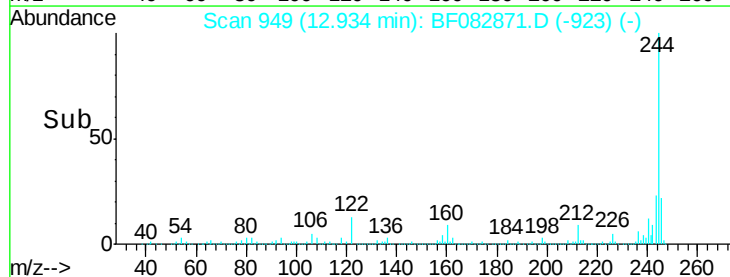
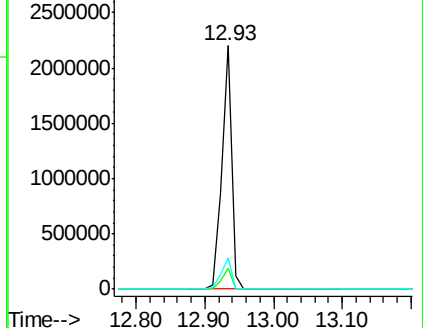
122 13.0 11.3 16.9

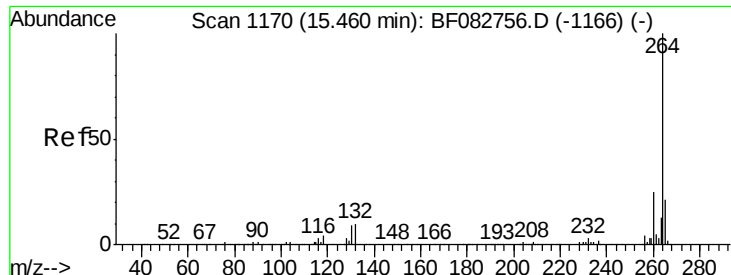


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

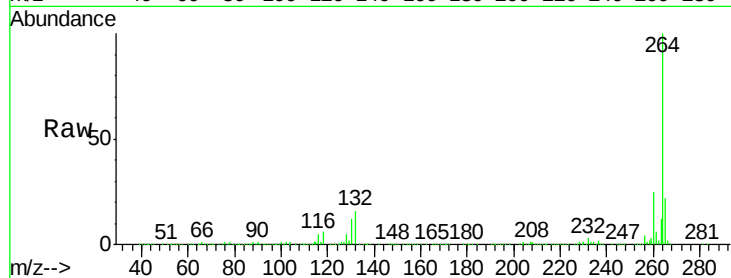




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	22.2	17.4	26.0



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

