

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084029.D
 Acq On : 23 Dec 2015 10:19
 Operator : UM/SJ
 Sample : G4919-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 11:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

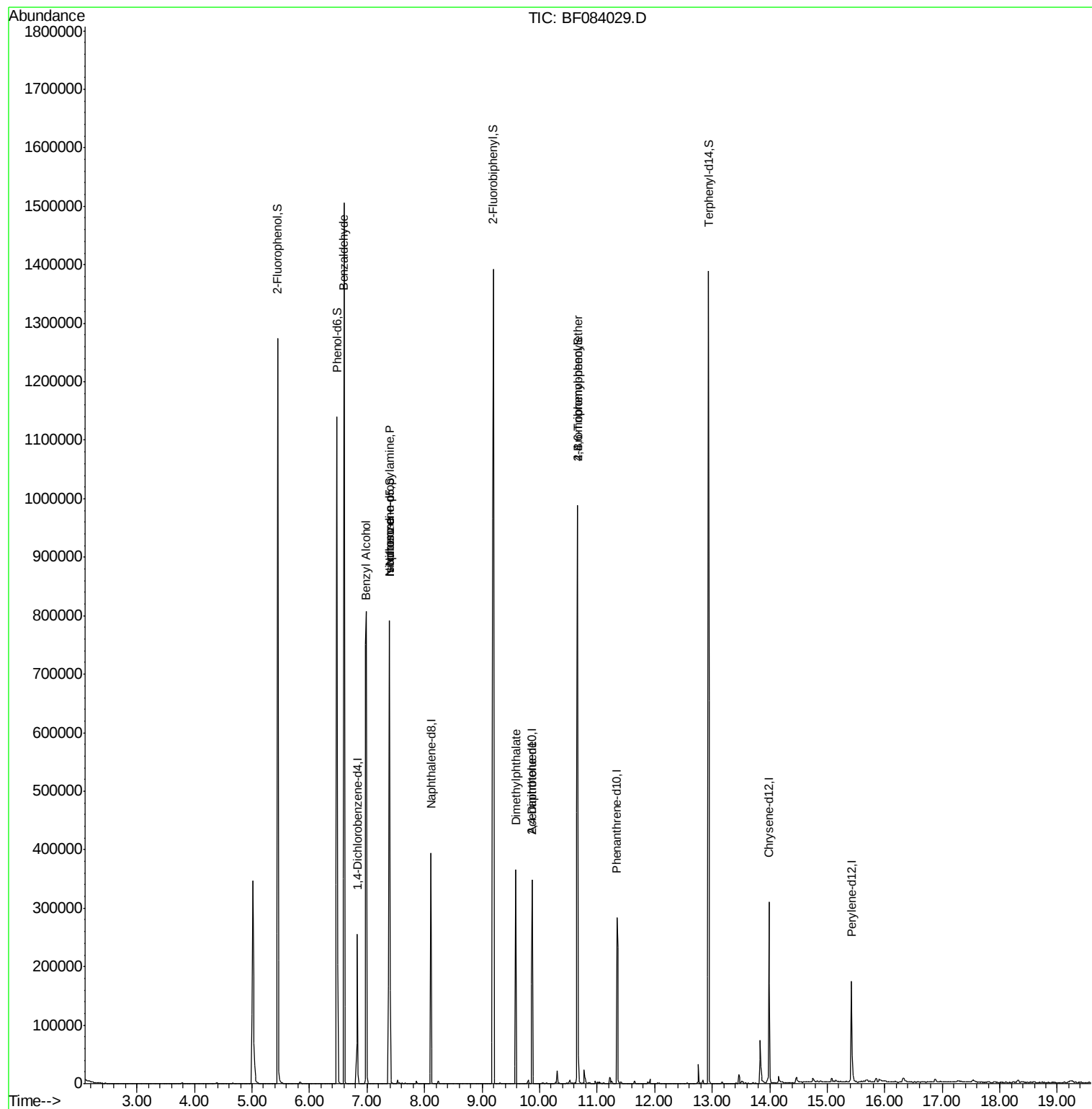
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42116	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	168155	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	80759	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	145448	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	128480	20.00	ng	-0.01
86) Perylene-d12	15.43	264	100931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	359878	145.69	ng	0.01
7) Phenol-d6	6.48	99	431577	148.60	ng	0.00
23) Nitrobenzene-d5	7.39	82	267500	97.73	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133042	171.27	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	587244	97.86	ng	0.00
78) Terphenyl-d14	12.93	244	507656	94.23	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	9517	4.91	ng	87
15) Benzyl Alcohol	6.98	79	4842	2.12	ng	# 42
19) n-Nitroso-di-n-propylamine	7.39	70	36946	20.99	ng	# 78
25) Isophorone	7.39	82	227710	43.90	ng	# 66
49) Dimethylphthalate	9.58	163	138065	21.85	ng	# 90
56) 2,4-Dinitrotoluene	9.87	165	10248	6.11	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	9761	5.85	ng	# 1

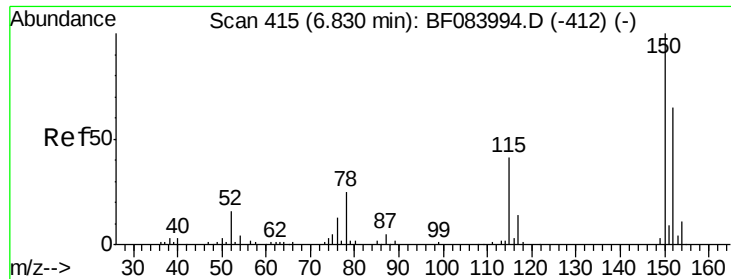
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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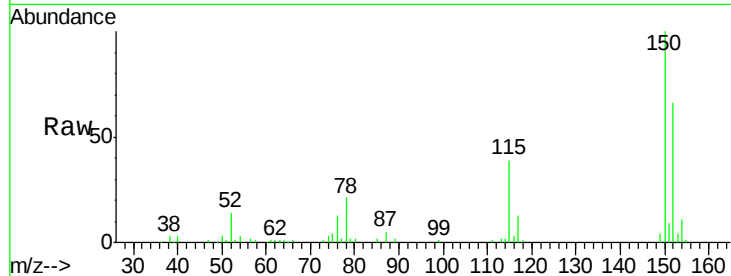




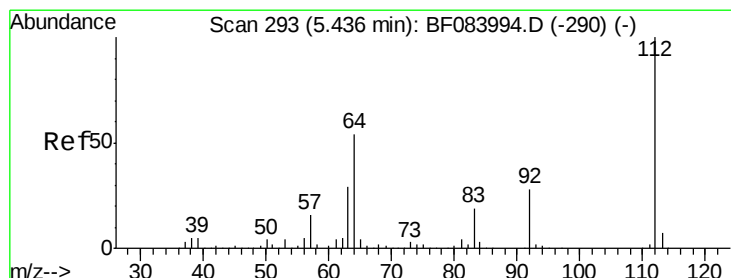
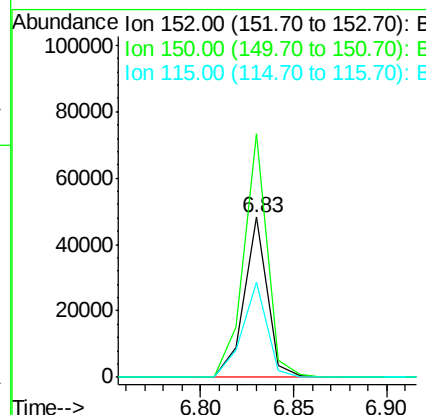
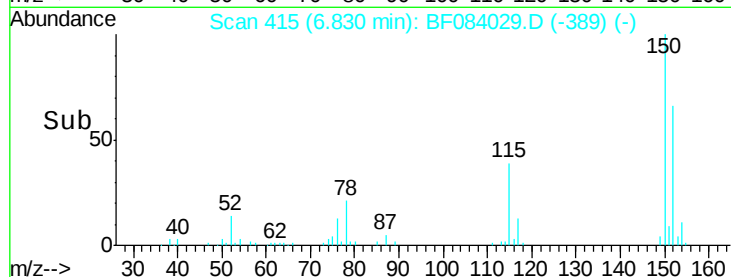
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 42116
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.0 184.4
 115 59.4 51.4 77.2

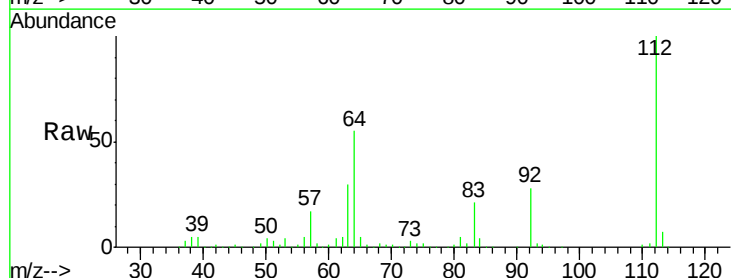


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

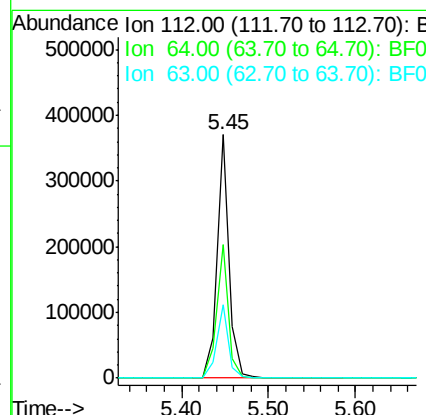
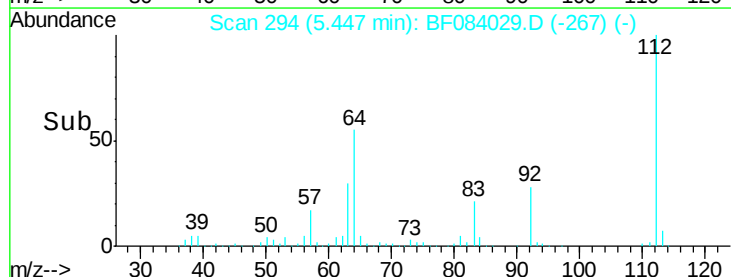


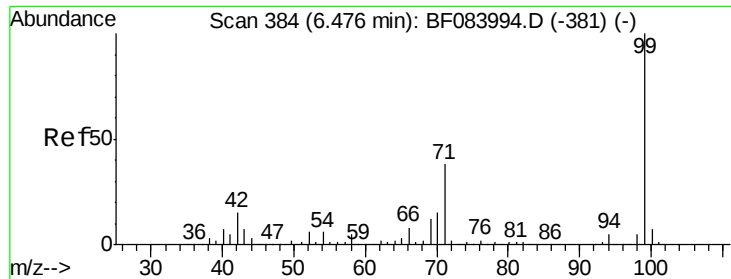
#5
 2-Fluorophenol
 Concen: 145.69 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Tgt Ion:112 Resp: 359878
 Ion Ratio Lower Upper
 112 100
 64 55.1 36.6 55.0#
 63 30.1 19.4 29.0#



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: 148.60 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

Instrument :

BNA_F

ClientSampled :

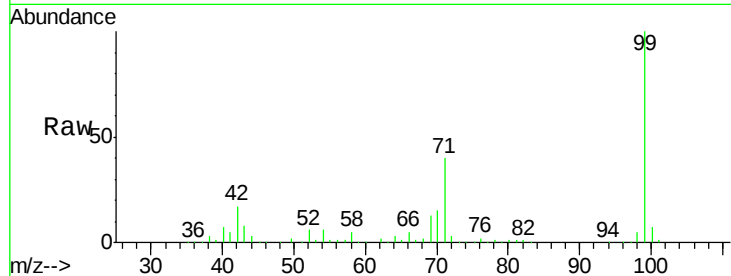
Tot Ion: 99 Resp: 431577

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

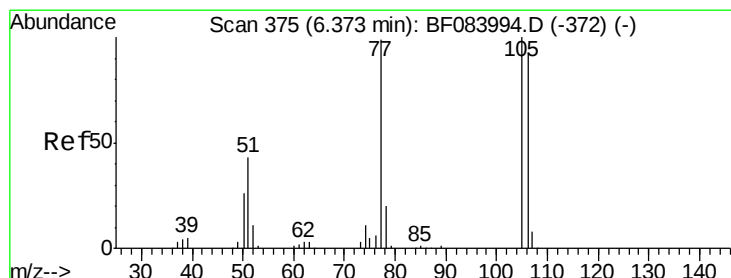
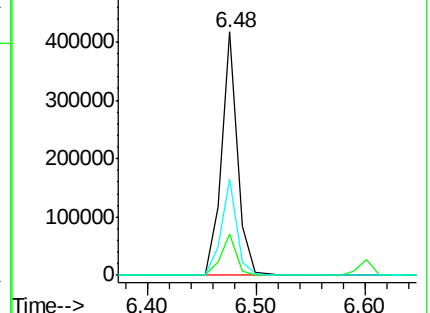
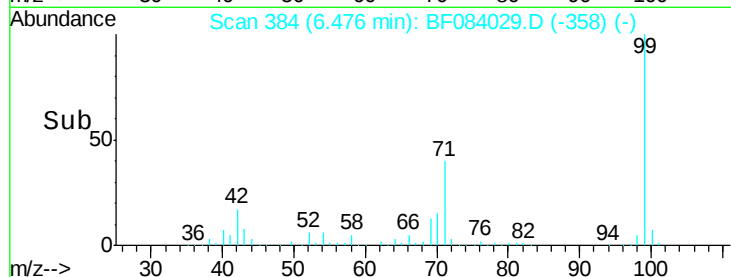
71 39.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.91 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

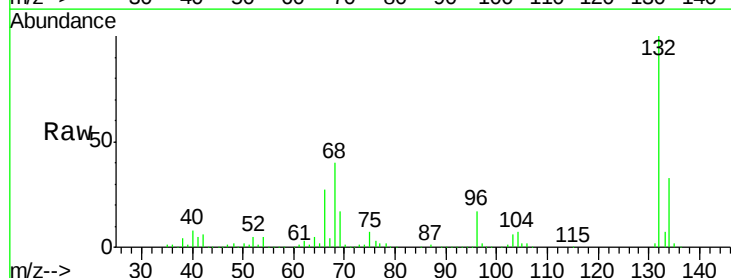
Tgt Ion: 77 Resp: 9517

Ion Ratio Lower Upper

77 100

105 85.2 83.0 123.0

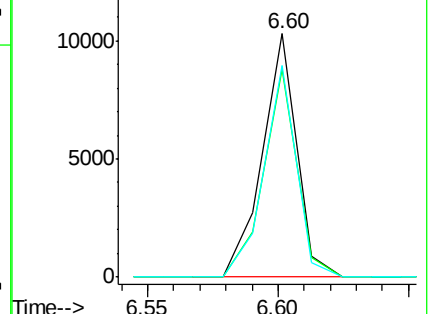
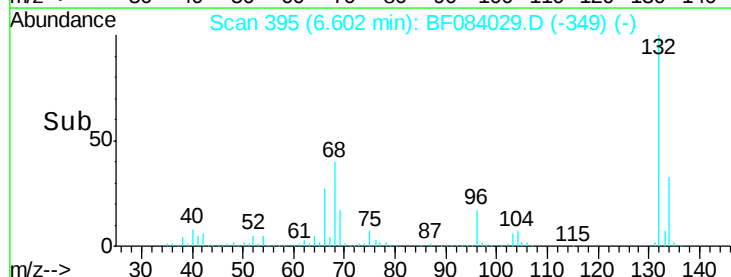
106 87.1 74.6 114.6

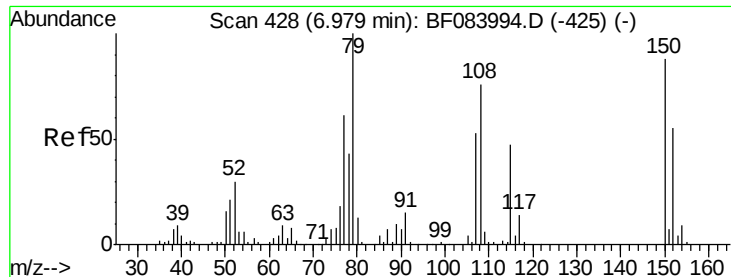


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

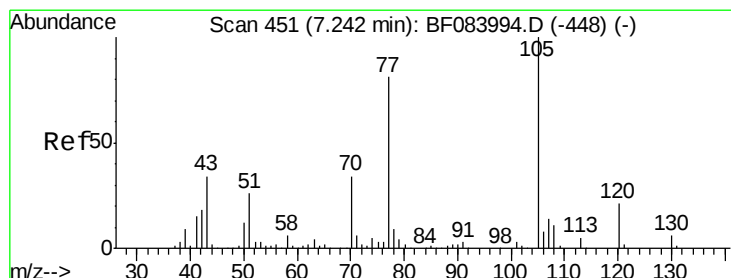
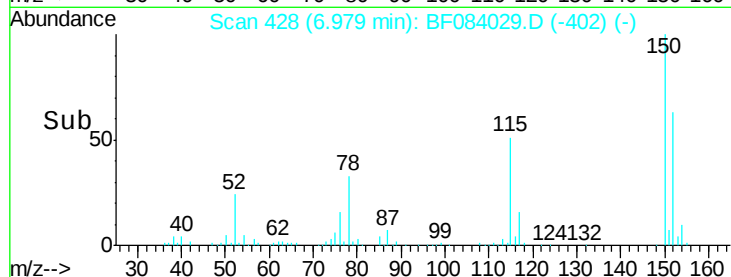
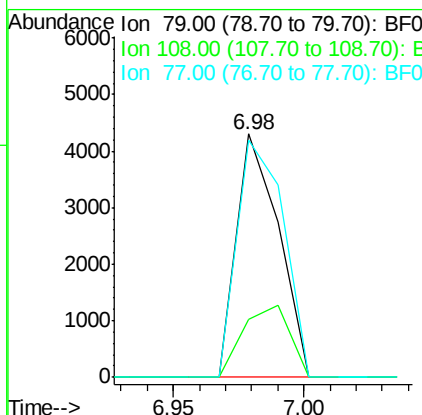
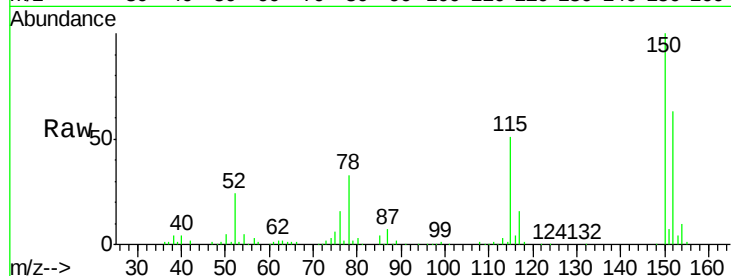




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084029.D
Acq: 23 Dec 2015 10:19

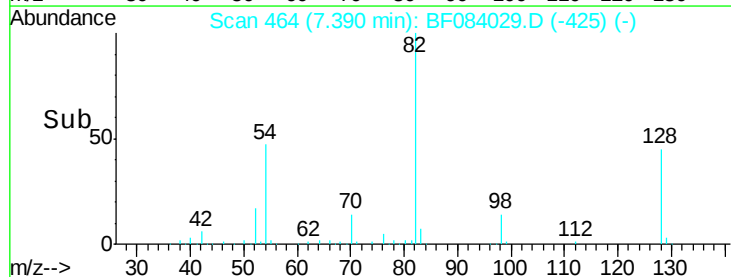
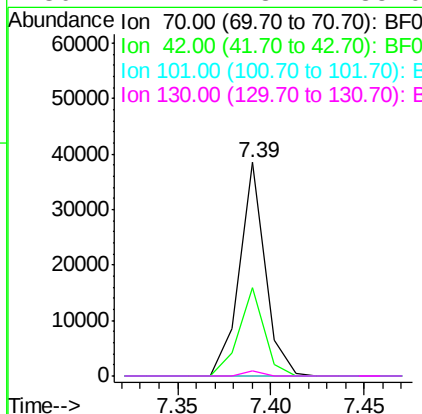
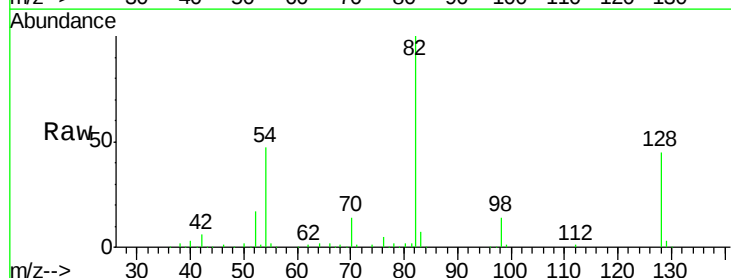
Instrument :
BNA_F
ClientSampled :

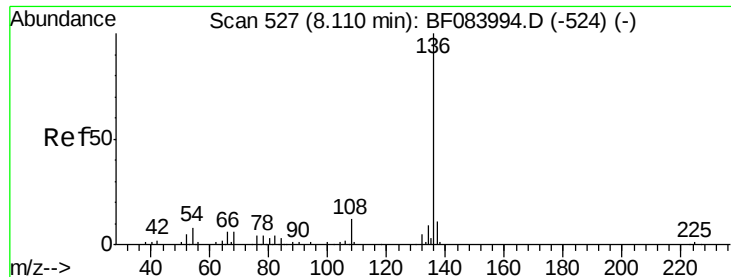
Tot Ion: 79 Resp: 4842
Ion Ratio Lower Upper
79 100
108 24.0 69.0 103.4#
77 97.2 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 20.99 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084029.D
Acq: 23 Dec 2015 10:19

Tgt Ion: 70 Resp: 36946
Ion Ratio Lower Upper
70 100
42 41.6 33.3 49.9
101 0.0 9.3 13.9#
130 2.4 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 168155

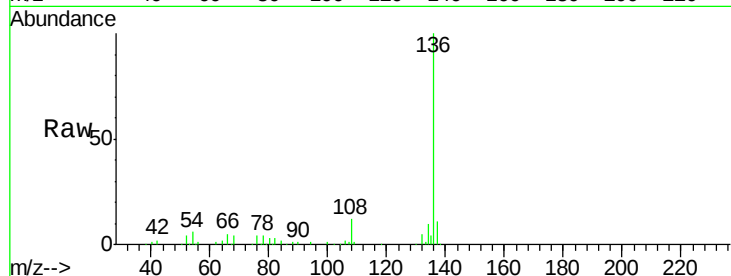
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.1 5.8 8.8

68 4.5 4.2 6.2

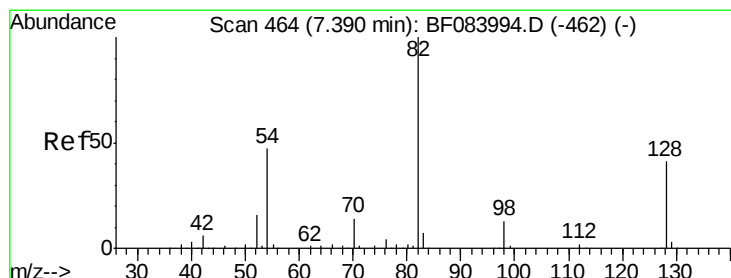
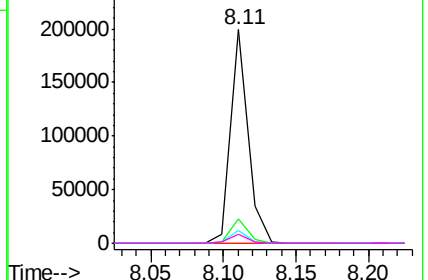
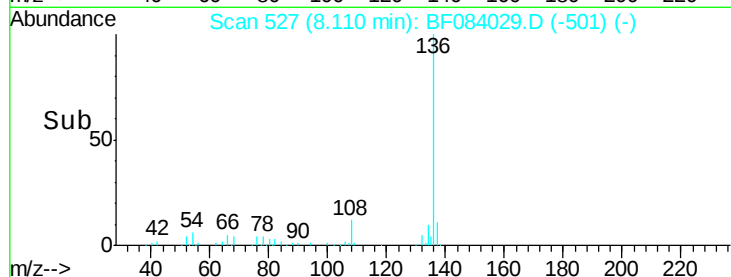


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.73 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

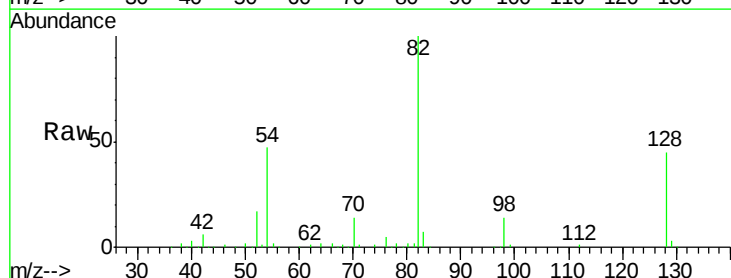
Tgt Ion: 82 Resp: 267500

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

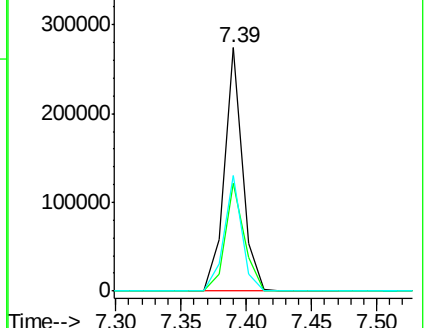
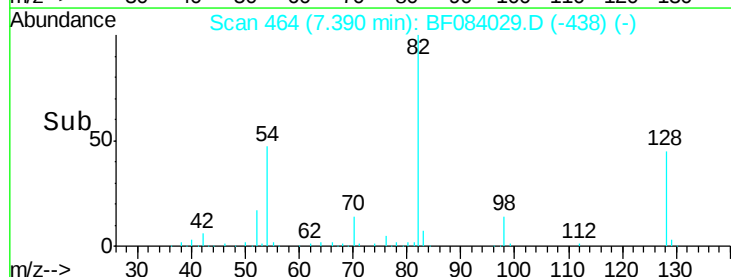
54 47.4 38.4 57.6

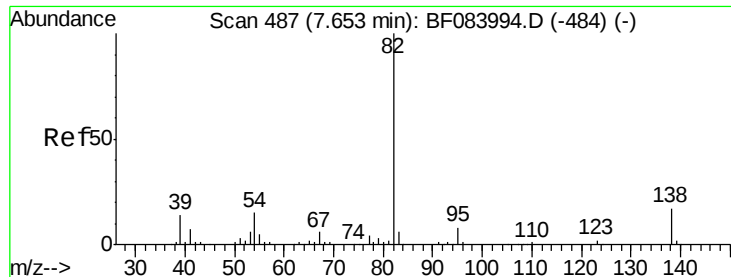


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.90 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

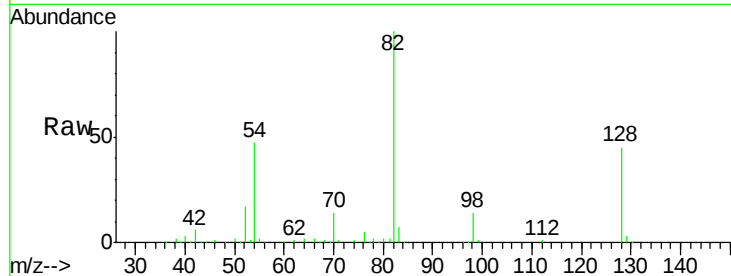
Tot Ion: 82 Resp: 227710

Ion Ratio Lower Upper

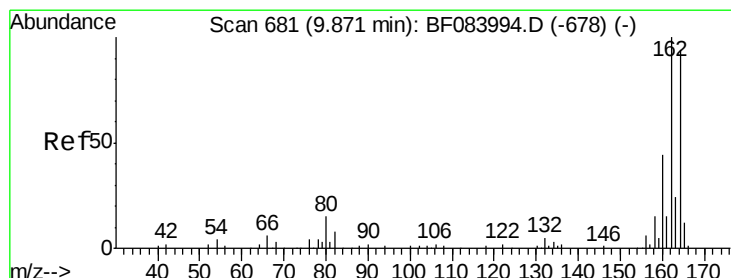
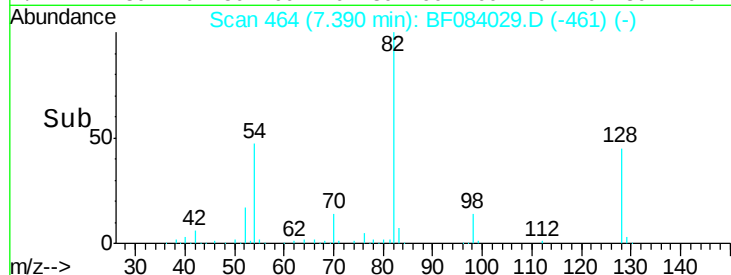
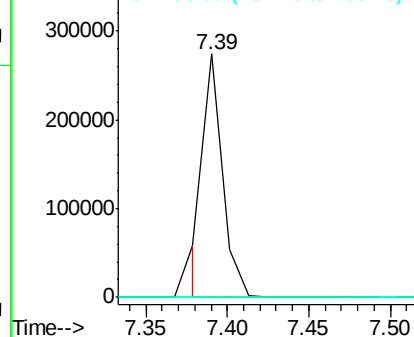
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

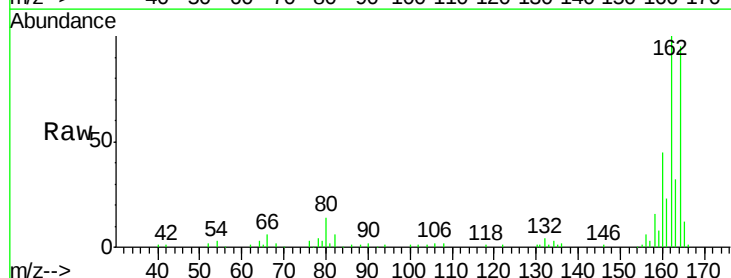
Tgt Ion:164 Resp: 80759

Ion Ratio Lower Upper

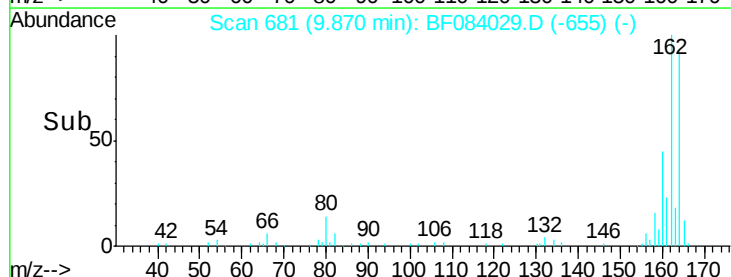
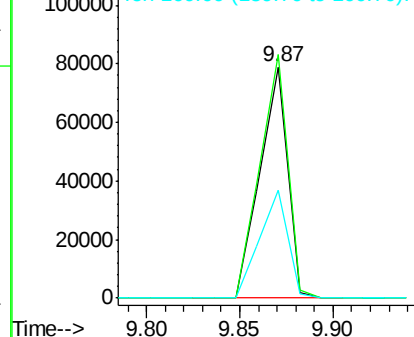
164 100

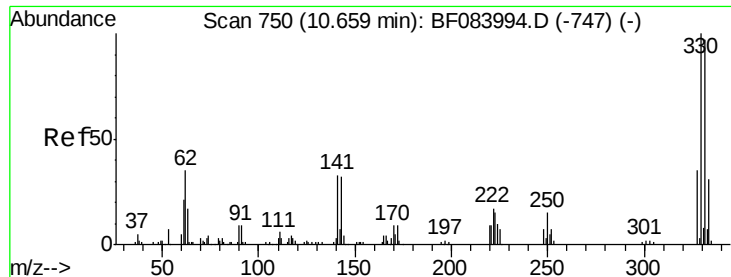
162 105.3 85.1 127.7

160 46.9 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

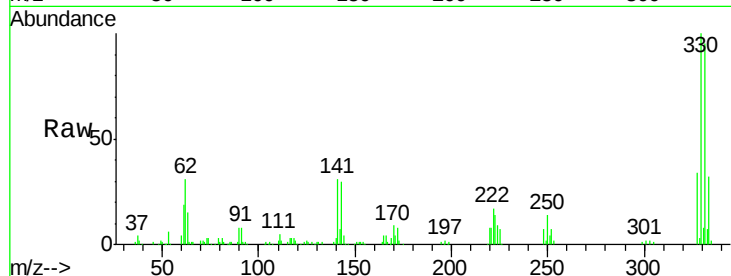




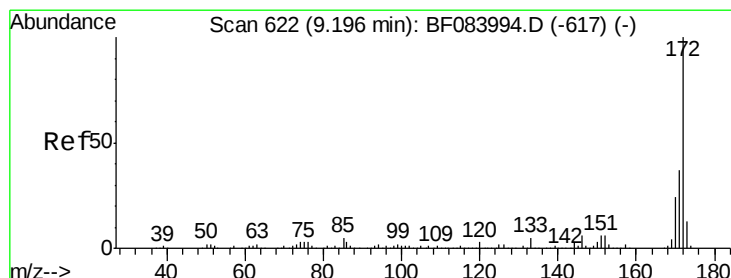
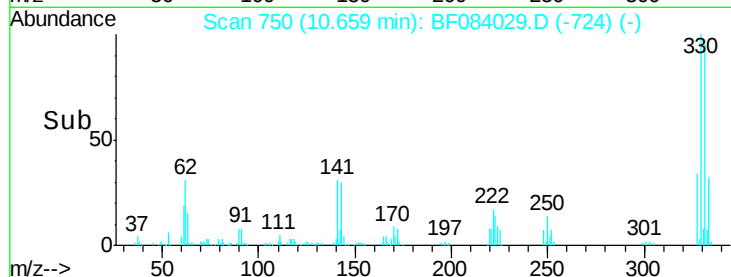
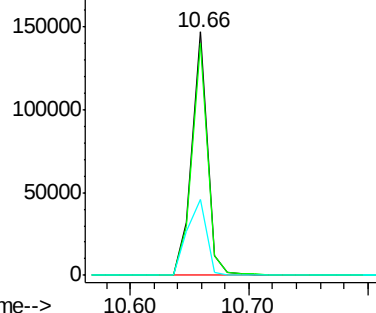
#41
 2,4,6-Tribromophenol
 Concen: 171.27 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	39.1	27.8	41.6

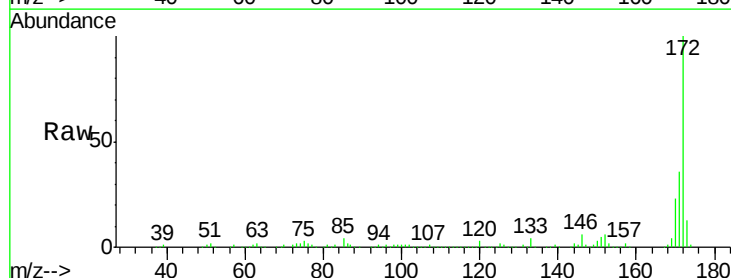


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

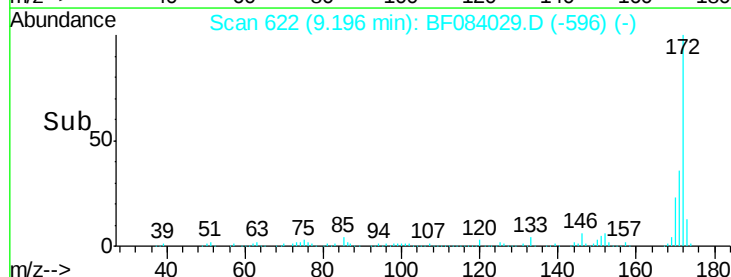
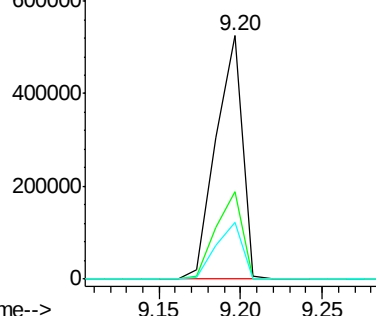


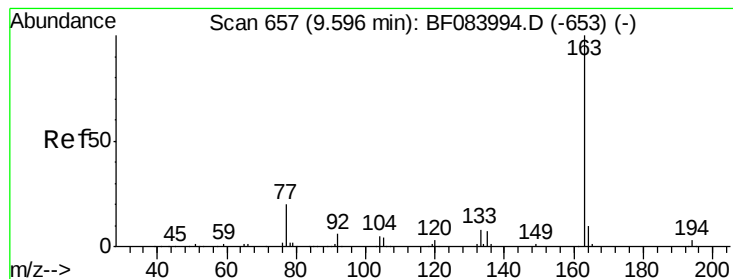
#44
 2-Fluorobiphenyl
 Concen: 97.86 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.4	18.6	27.8



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: 21.85 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

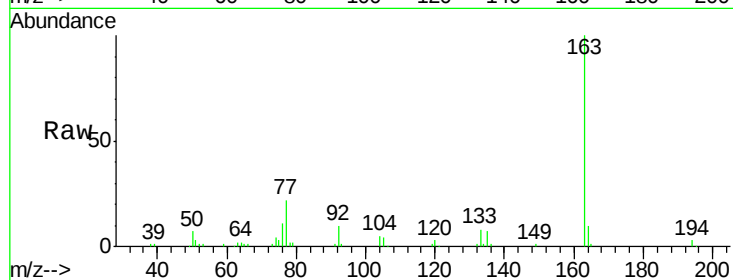
Tot Ion:163 Resp: 138065

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

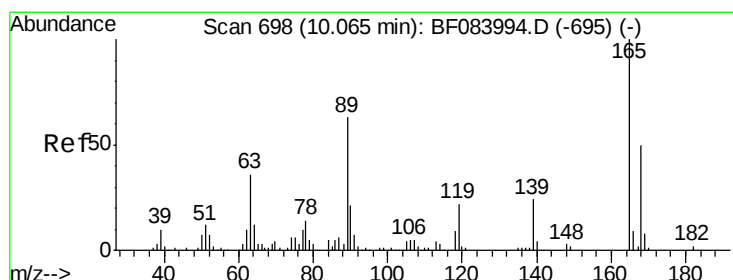
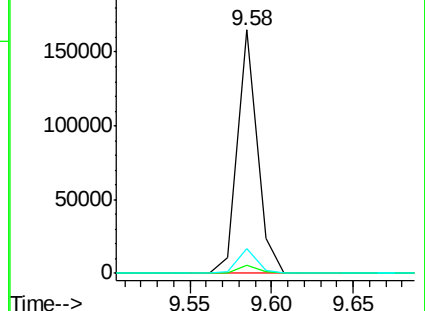
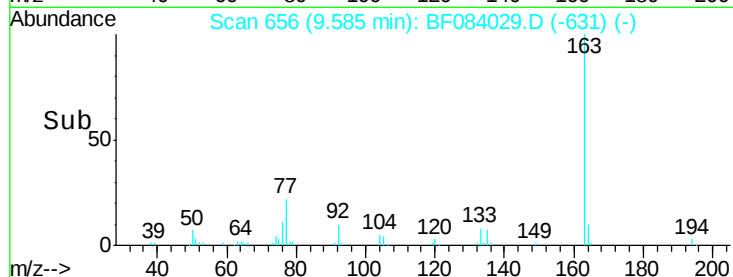
164 10.2 8.0 12.0



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: 6.11 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.19 min

Lab File: BF084029.D

Acq: 23 Dec 2015 10:19

Tgt Ion:165 Resp: 10248

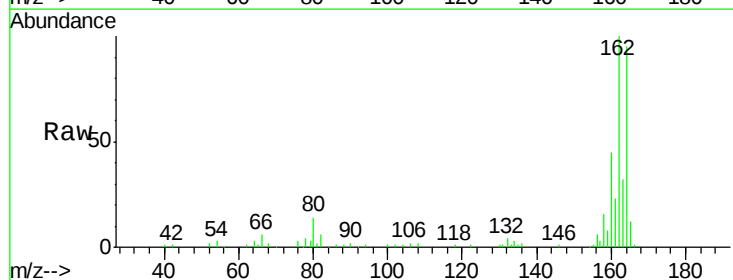
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

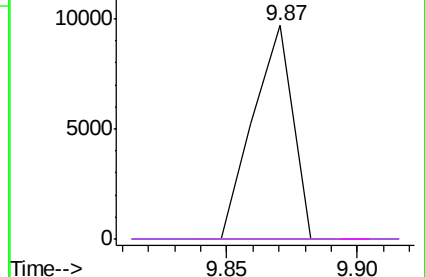
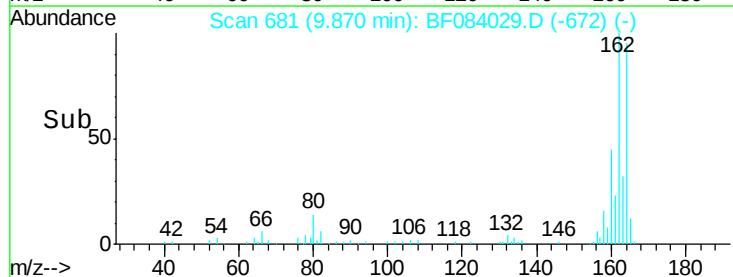


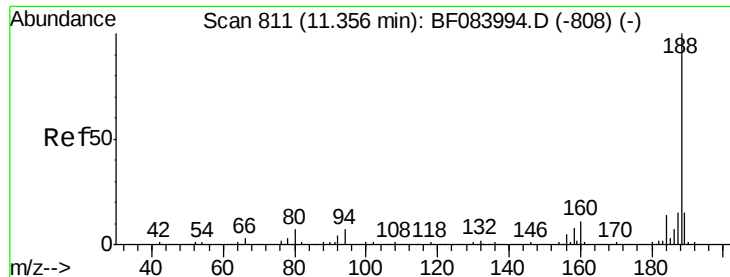
Abundance Ion 165.00 (164.70 to 165.70): E

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

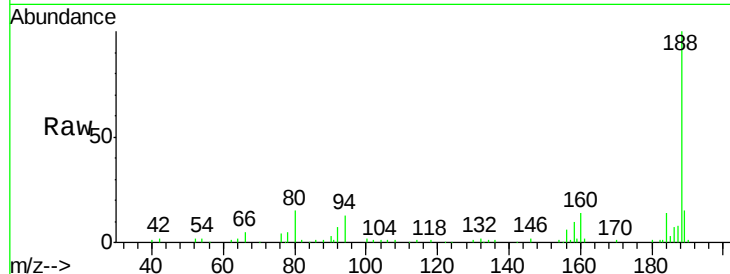




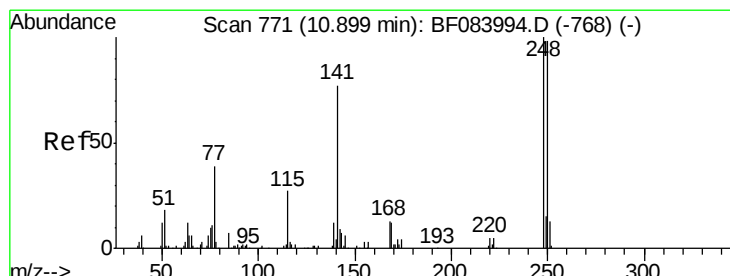
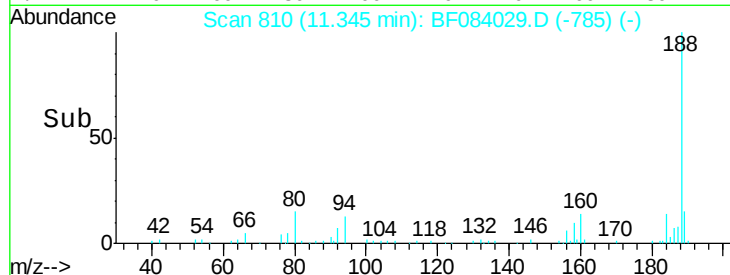
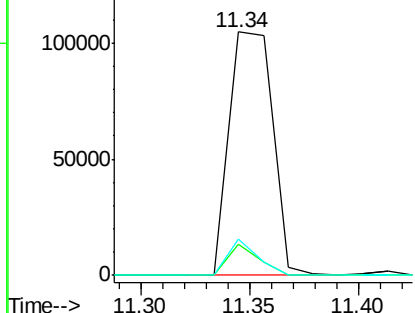
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 145448
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.0 13.4
 80 14.8 9.6 14.4#

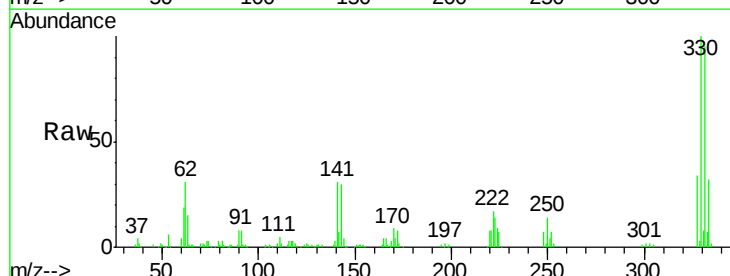


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

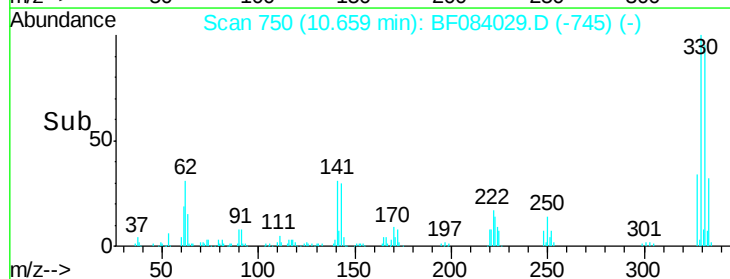
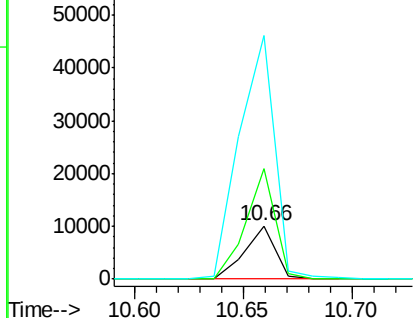


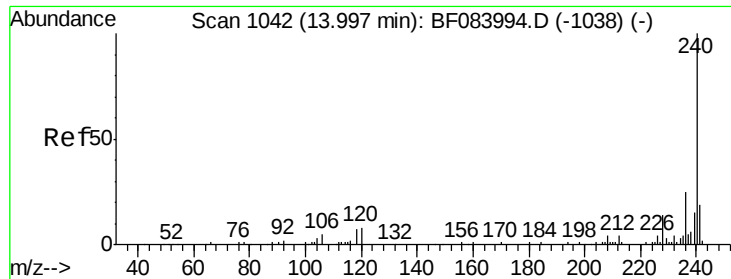
#66
 4-Bromophenyl-phenylether
 Concen: 5.85 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Tgt Ion:248 Resp: 9761
 Ion Ratio Lower Upper
 248 100
 250 206.8 78.4 117.6#
 141 457.5 44.0 66.0#



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

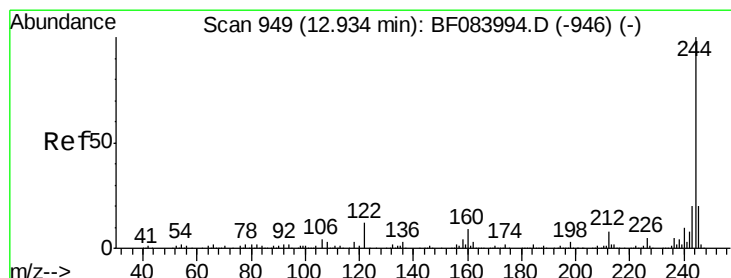
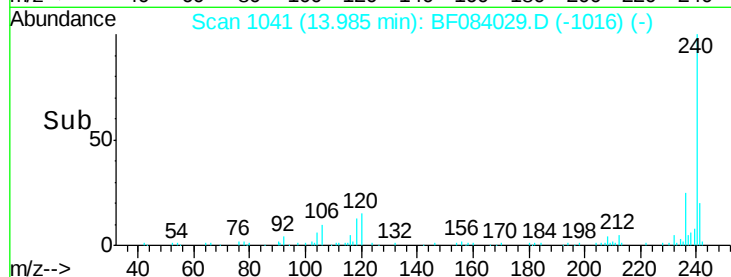
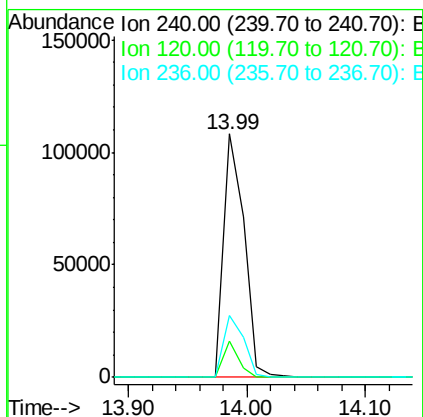
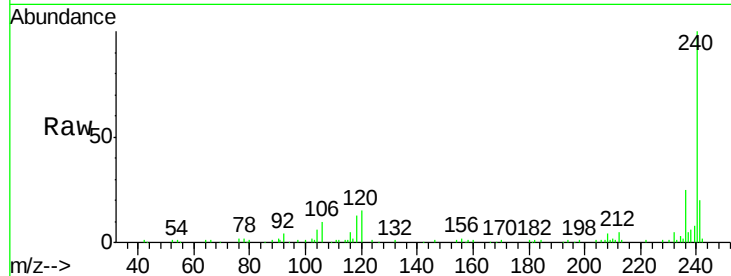




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084029.D
Acq: 23 Dec 2015 10:19

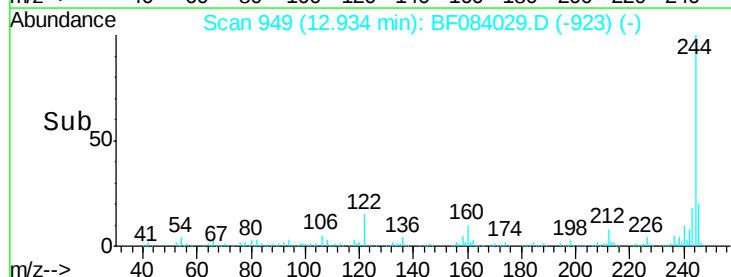
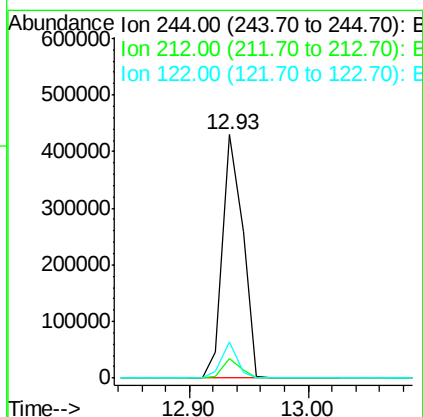
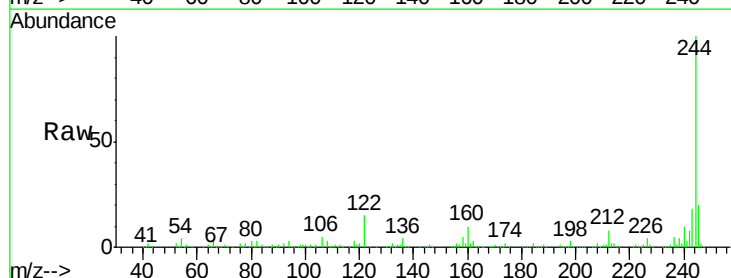
Instrument :
BNA_F
ClientSampleID :

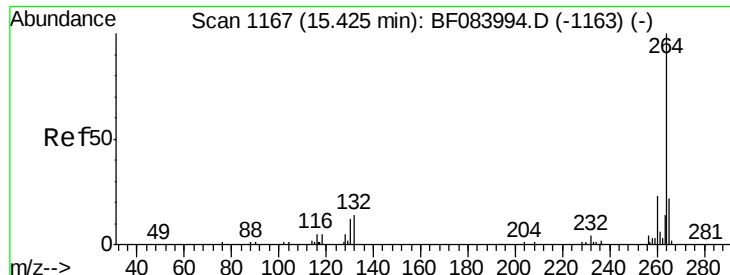
Tot Ion:240 Resp: 128480
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 25.2 20.6 31.0



#78
Terphenyl-d14
Concen: 94.23 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084029.D
Acq: 23 Dec 2015 10:19

Tgt Ion:244 Resp: 507656
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 14.9 7.4 11.0#

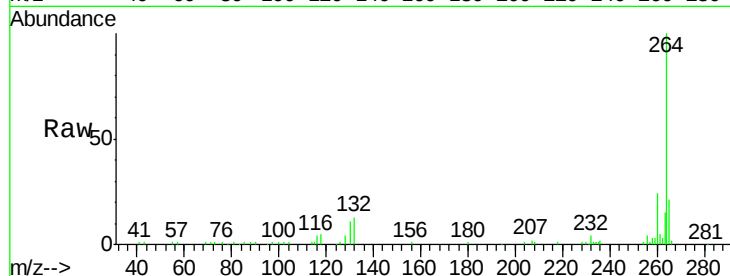




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084029.D
 Acq: 23 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	20.9	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

