

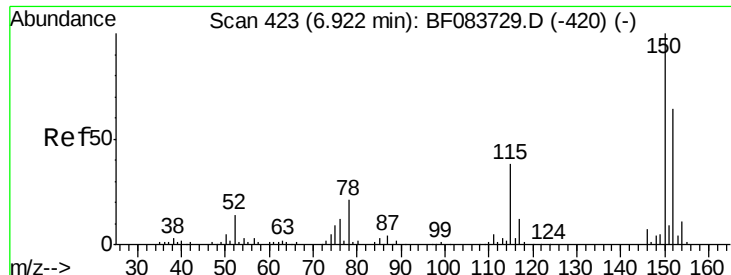
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083829.D
 Acq On : 15 Dec 2015 22:35
 Operator : UM/IZ
 Sample : G4782-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-B

Quant Time: Dec 16 00:55:42 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	85172	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	322942	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	128336	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	221613	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	197451	20.00	ng	-0.02
86) Perylene-d12	15.49	264	135563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	225051	42.63	ng	-0.02
7) Phenol-d6	6.53	99	186530	27.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	471242	81.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	111881	85.55	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	869850	108.74	ng	-0.02
78) Terphenyl-d14	13.01	244	755956	82.35	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.67	77	9227	2.57	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.46	70	61606	15.05	ng	# 72
25) Isophorone	7.46	82	430176	37.98	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	16694	7.86	ng	# 16
56) 2,4-Dinitrotoluene	9.94	165	16694	6.02	ng	# 11
66) 4-Bromophenyl-phenylether	10.73	248	7304	2.95	ng	# 1

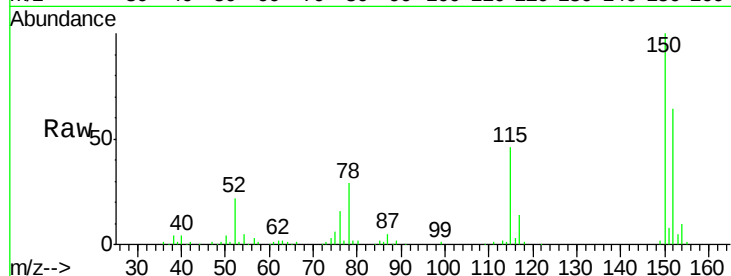
(#) = qualifier out of range (m) = manual integration (+) = signals summed



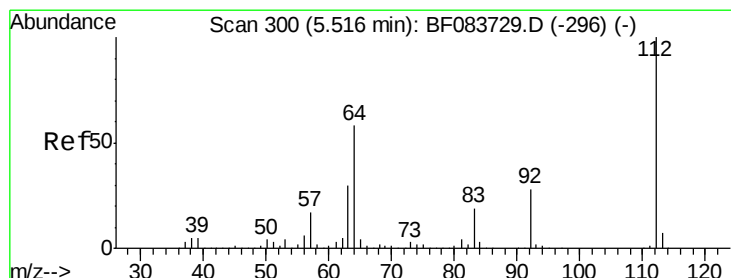
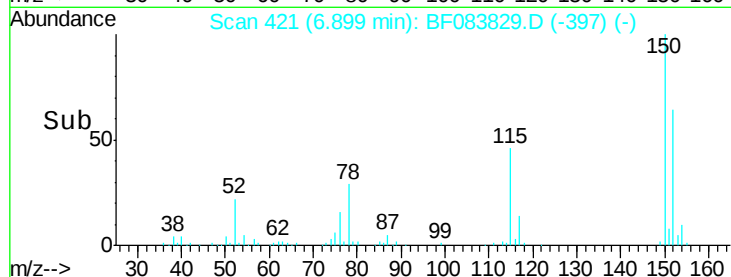
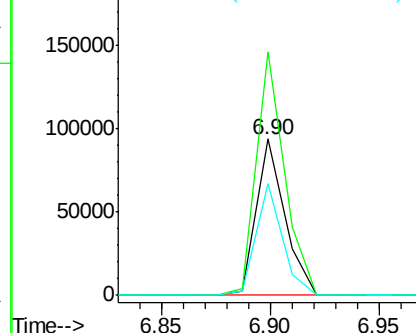
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-B

Tgt Ion:152 Resp: 85172
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.5 189.7
 115 71.1 52.3 78.5

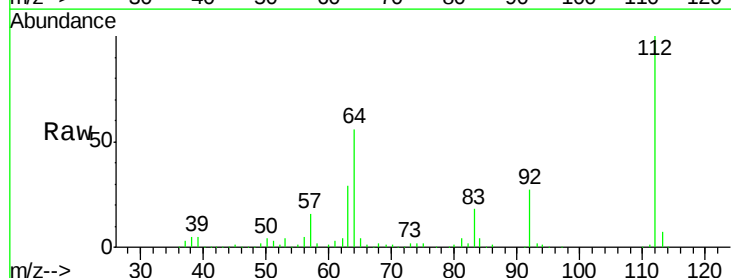


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

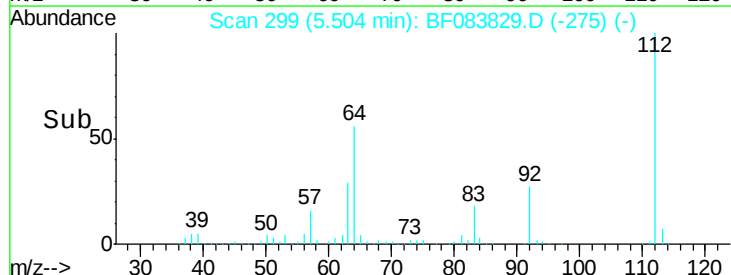
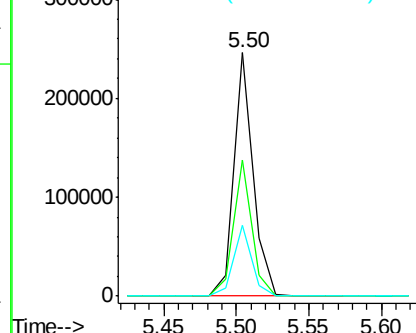


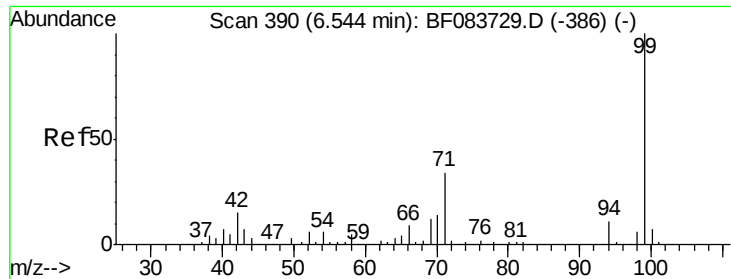
#5
 2-Fluorophenol
 Concen: 42.63 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion:112 Resp: 225051
 Ion Ratio Lower Upper
 112 100
 64 56.0 50.5 75.7
 63 28.8 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: 27.90 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083829.D

Acq: 15 Dec 2015 22:35

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-B

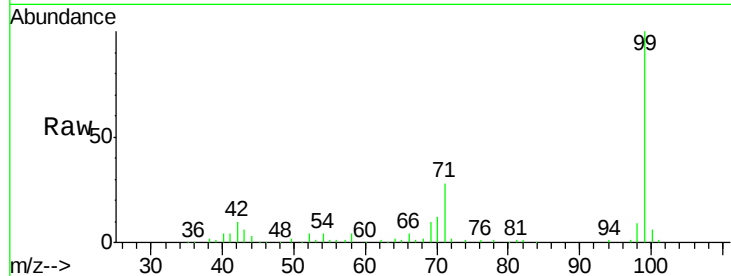
Tgt Ion: 99 Resp: 186530

Ion Ratio Lower Upper

99 100

42 10.0 17.3 25.9#

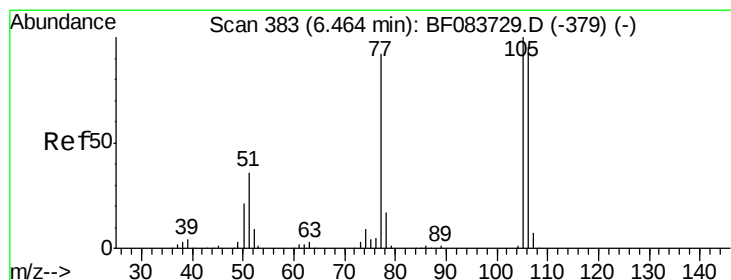
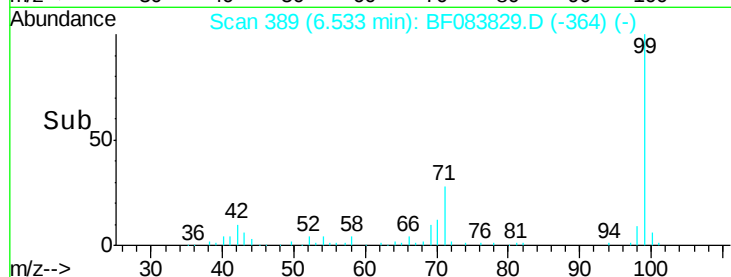
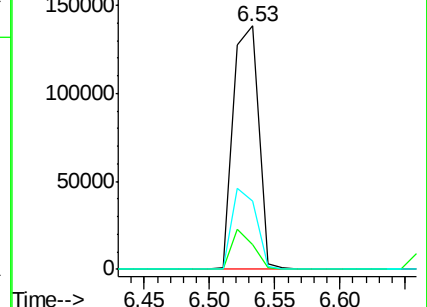
71 28.2 26.6 40.0



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: 2.57 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083829.D

Acq: 15 Dec 2015 22:35

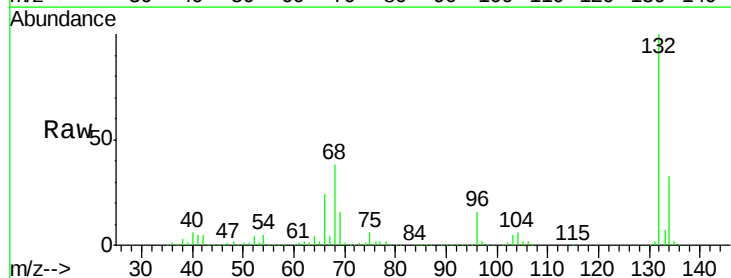
Tgt Ion: 77 Resp: 9227

Ion Ratio Lower Upper

77 100

105 83.5 71.8 111.8

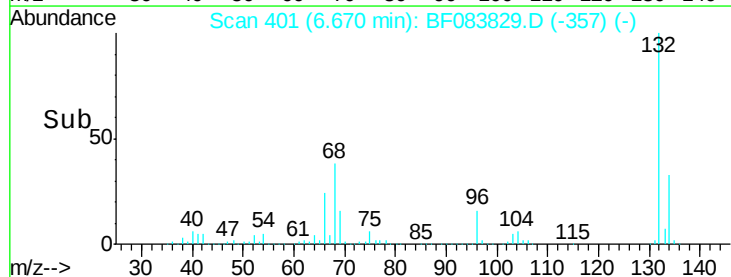
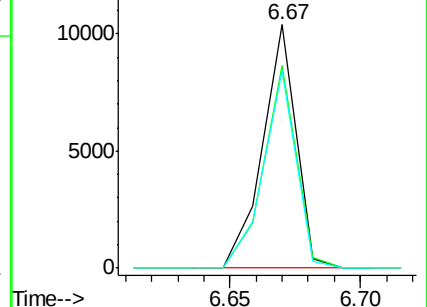
106 80.9 66.8 106.8

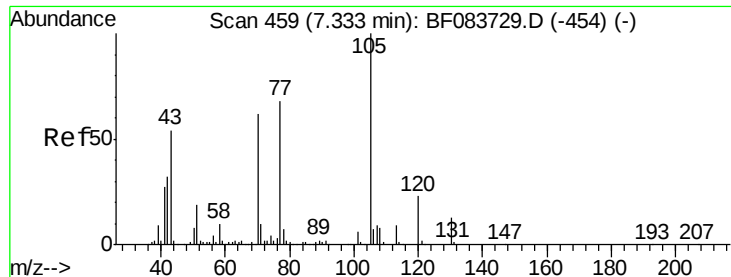


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

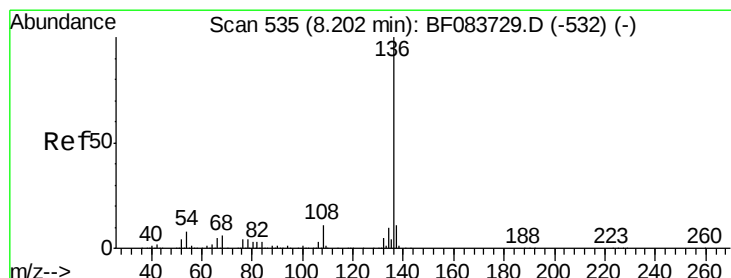
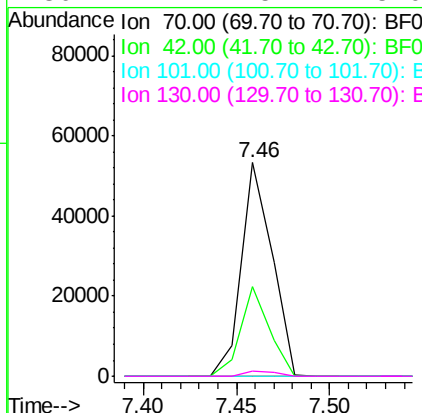
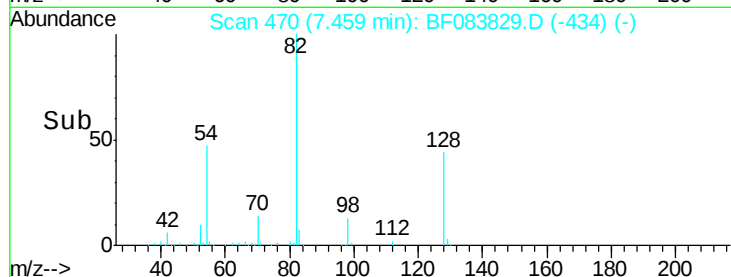
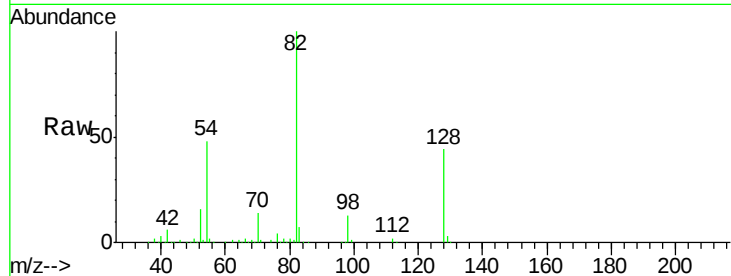




#19
n-Nitroso-di-n-propylamine
Concen: 15.05 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083829.D
Acq: 15 Dec 2015 22:35

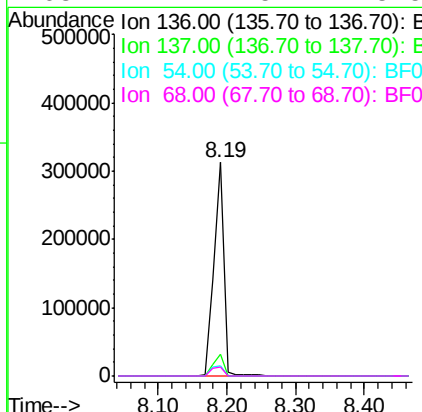
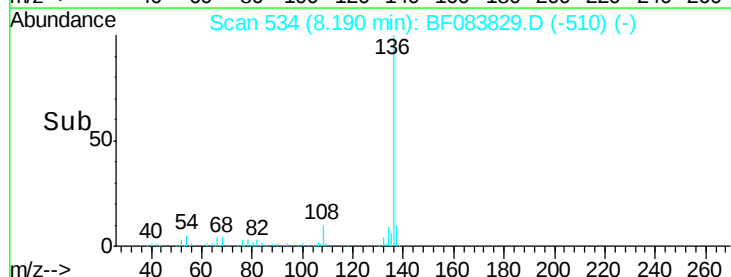
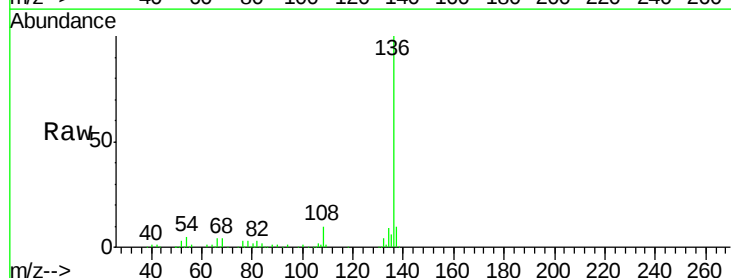
Instrument :
BNA_F
ClientSampleId :
121115-D534-F-D-B

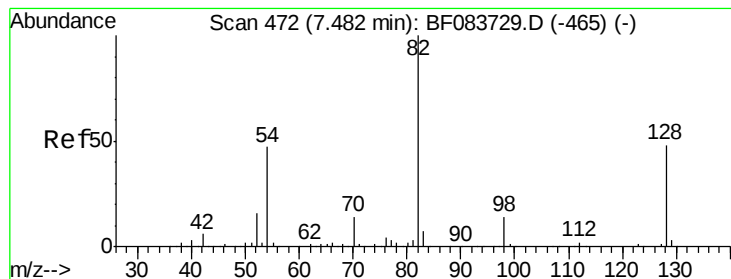
Tgt Ion: 70 Resp: 61606
Ion Ratio Lower Upper
70 100
42 42.1 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083829.D
Acq: 15 Dec 2015 22:35

Tgt Ion: 136 Resp: 322942
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 4.9 7.8 11.6#
68 4.1 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 81.64 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083829.D

Acq: 15 Dec 2015 22:35

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-B

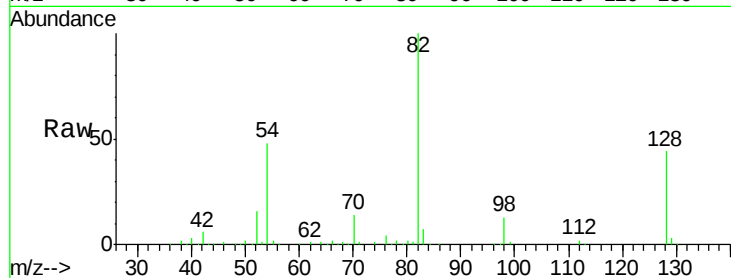
Tgt Ion: 82 Resp: 471242

Ion Ratio Lower Upper

82 100

128 43.7 30.7 46.1

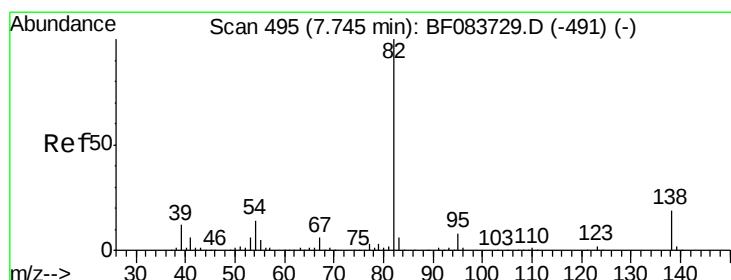
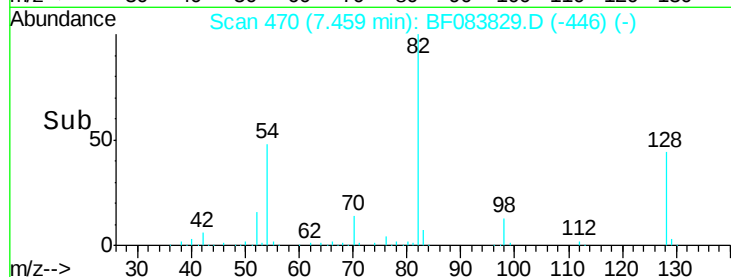
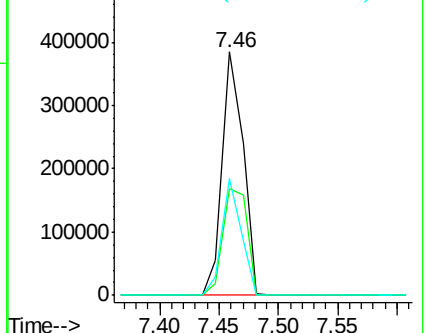
54 48.1 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.98 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083829.D

Acq: 15 Dec 2015 22:35

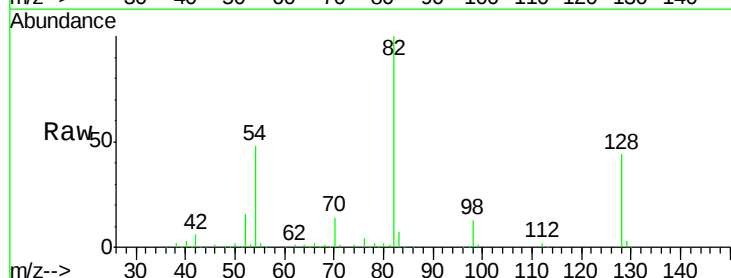
Tgt Ion: 82 Resp: 430176

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

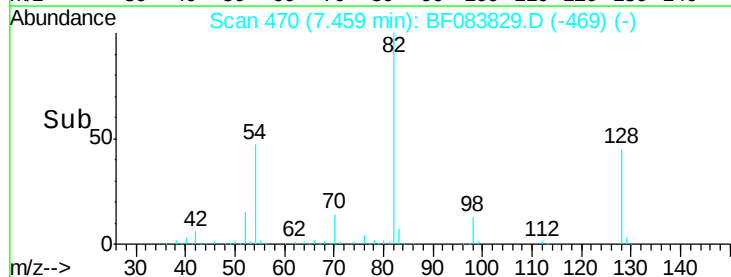
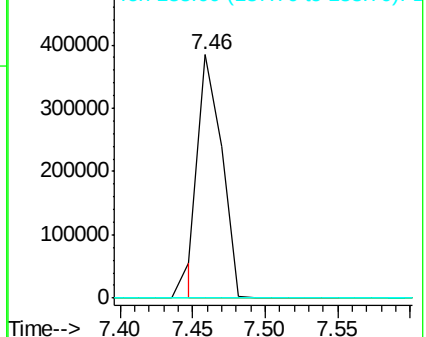
138 0.0 12.1 18.1#

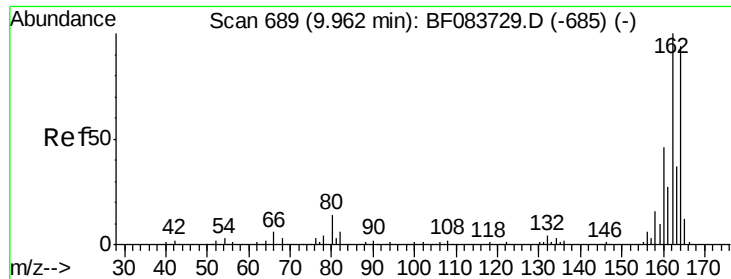


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

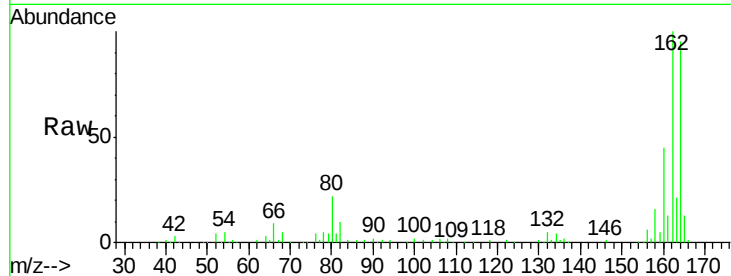




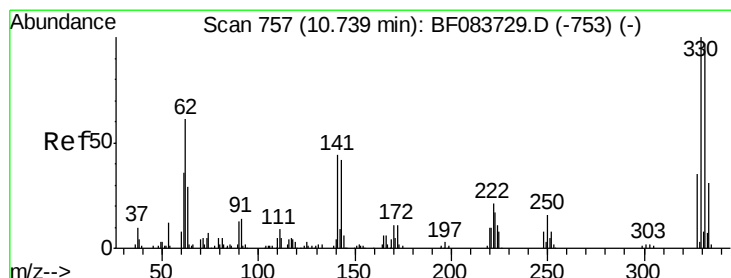
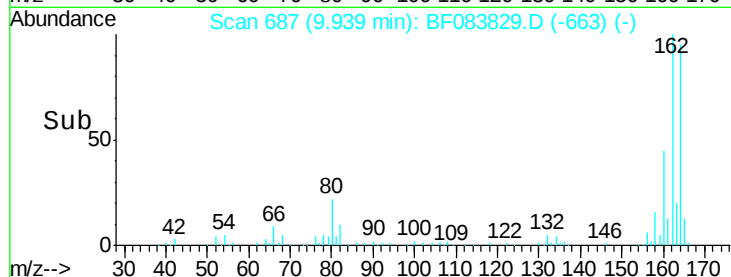
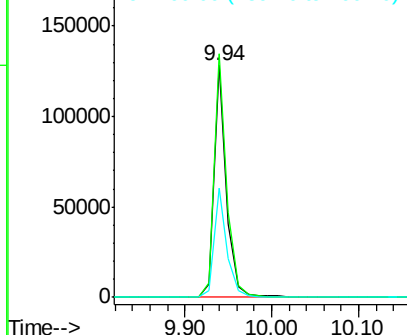
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-B

Tgt Ion:164 Resp: 128336
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 46.9 33.4 50.2

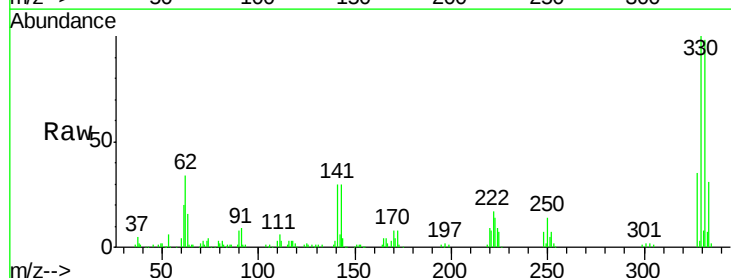


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

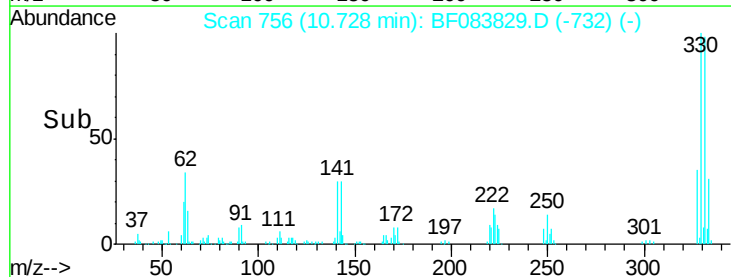
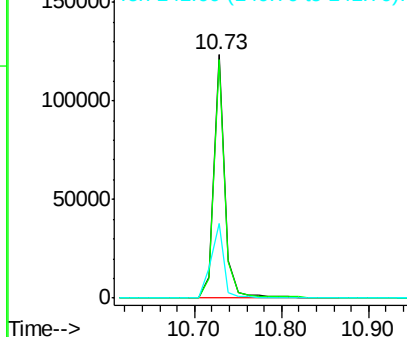


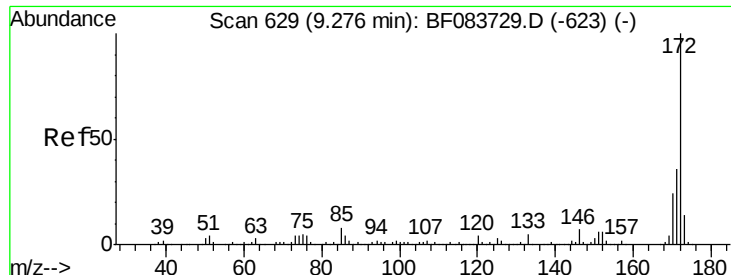
#41
 2,4,6-Tribromophenol
 Concen: 85.55 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion:330 Resp: 111881
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 35.6 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

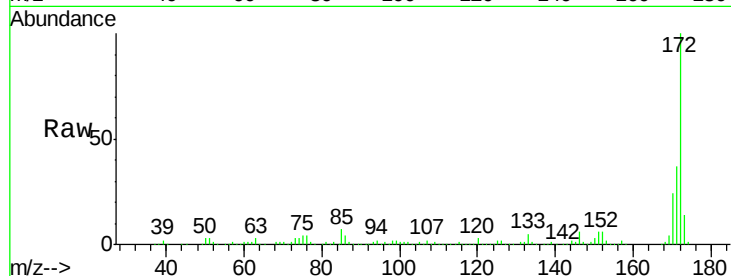




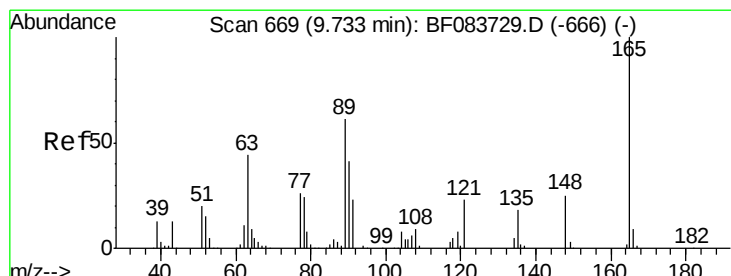
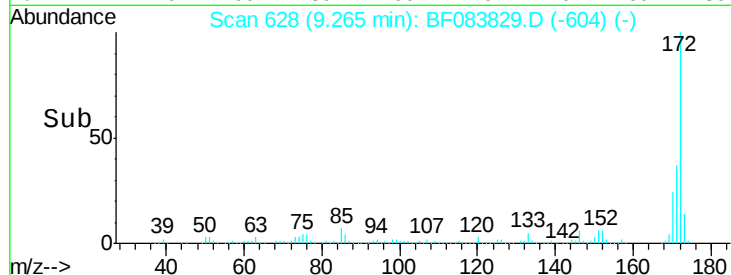
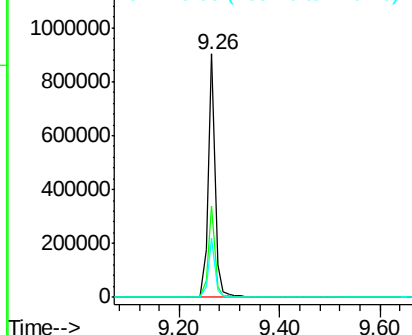
#44
 2-Fluorobiphenyl
 Concen: 108.74 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-B

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.3	19.4	29.0

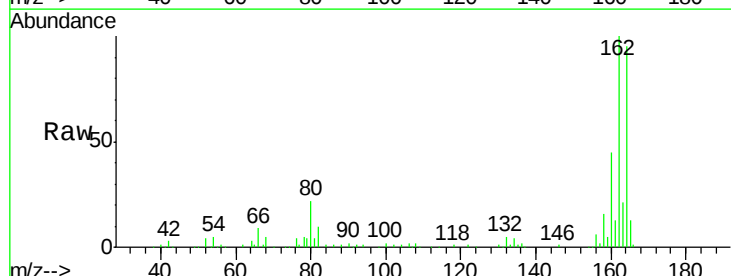


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

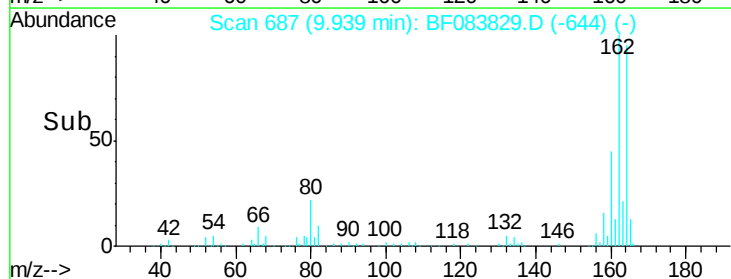
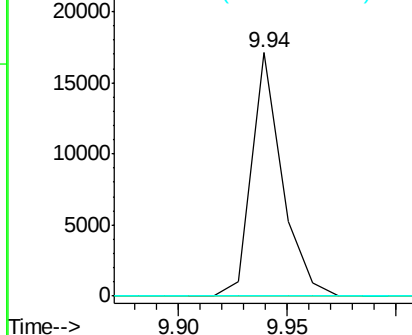


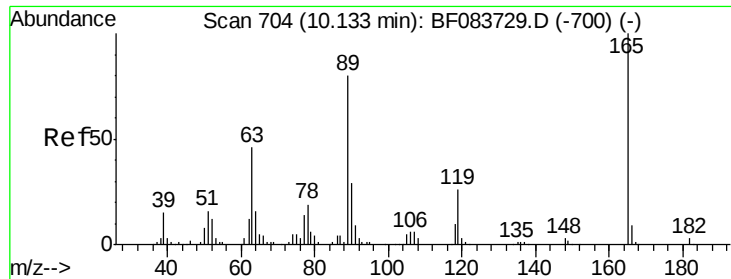
#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.9	85.3#
89	0.0	52.1	78.1#



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

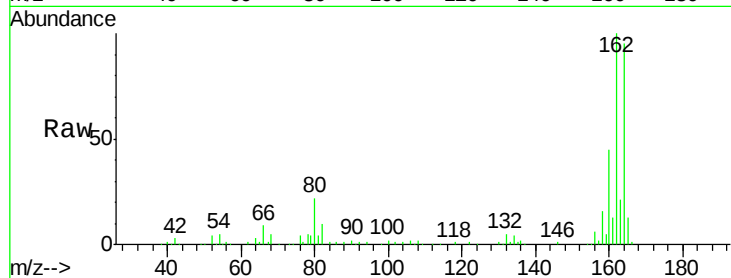




#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF083829.D
Acq: 15 Dec 2015 22:35

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-D-B

Tgt Ion	Resp	Lower	Upper
165	16694		
63	0.0	51.4	77.2#
89	0.0	72.6	108.8#
182	0.0	1.4	2.0#

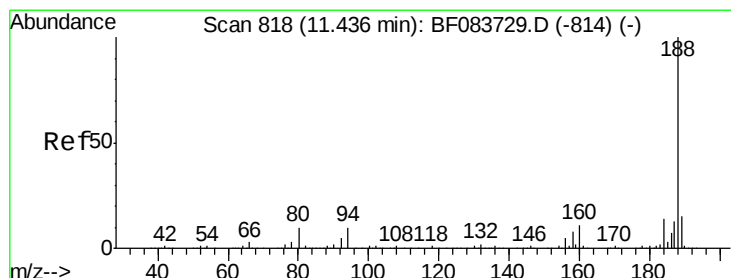
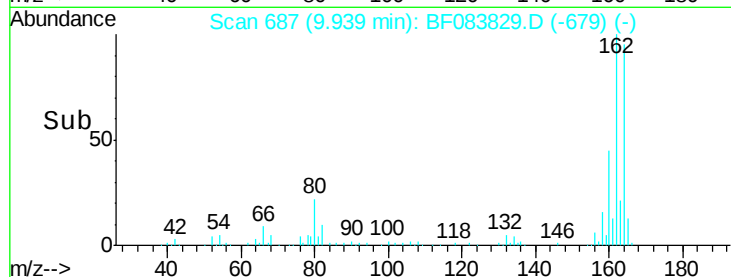
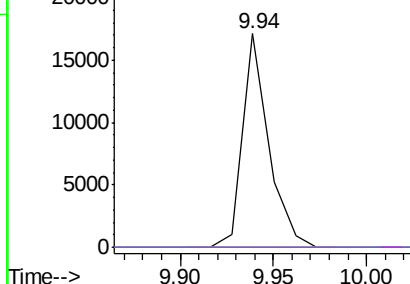


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

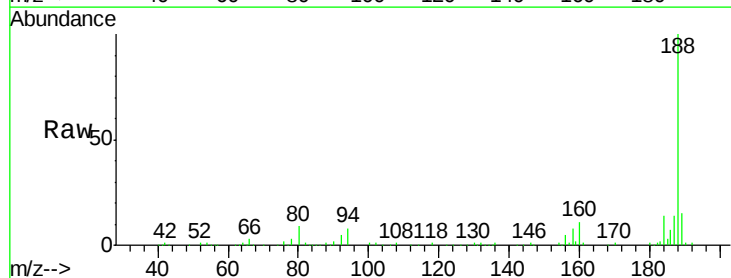
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083829.D
Acq: 15 Dec 2015 22:35

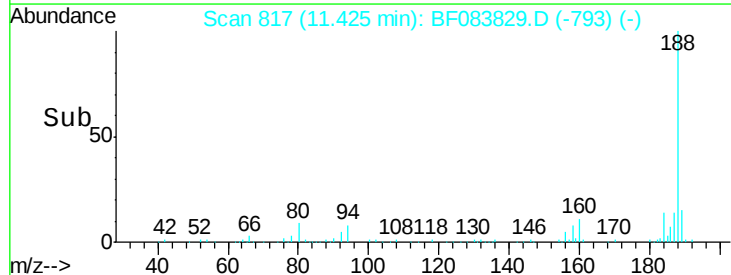
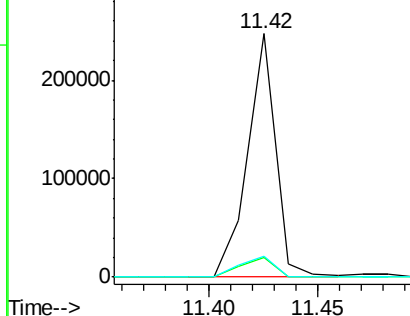
Tgt Ion	Resp	Lower	Upper
188	221613		
94	8.1	9.4	14.2#
80	8.6	10.6	16.0#

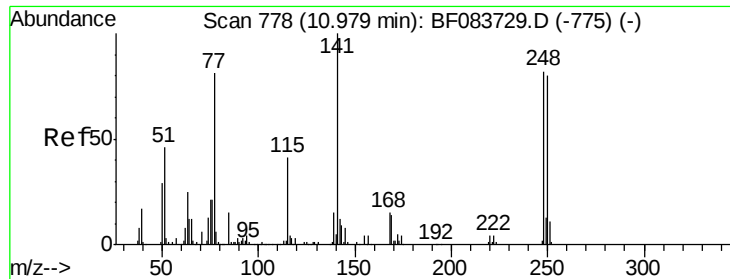


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

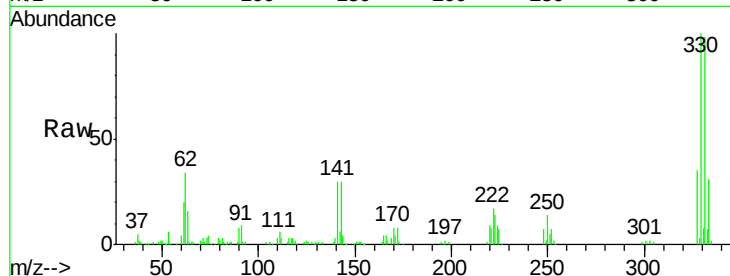




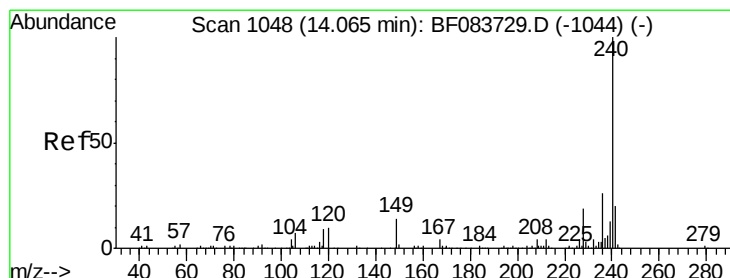
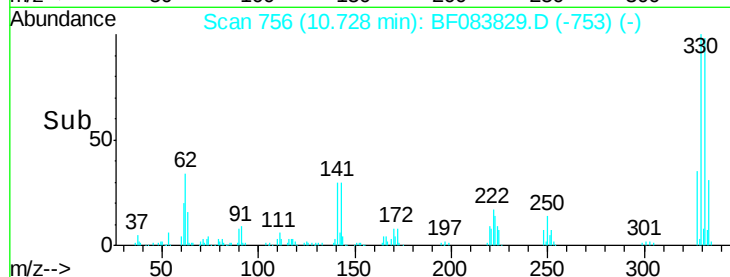
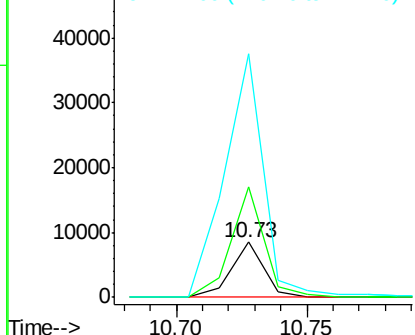
#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-B

Tgt Ion:248 Resp: 7304
 Ion Ratio Lower Upper
 248 100
 250 200.7 79.2 118.8#
 141 441.7 58.2 87.4#

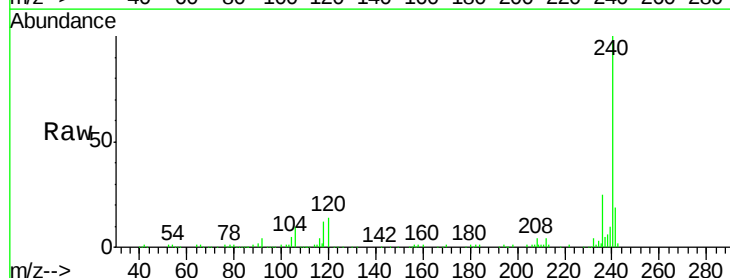


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

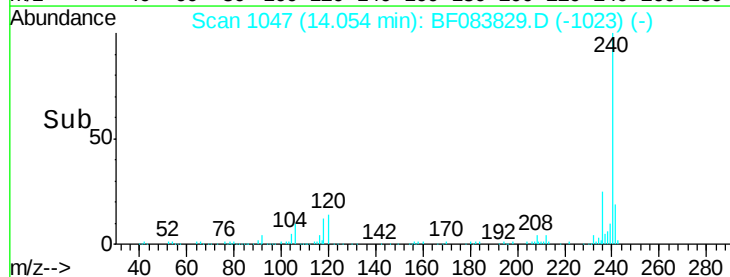
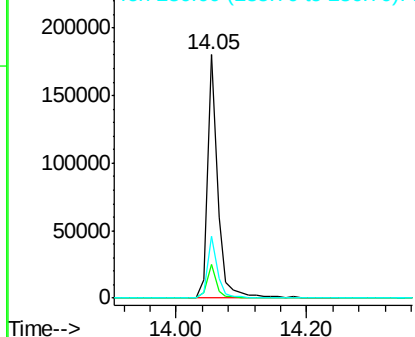


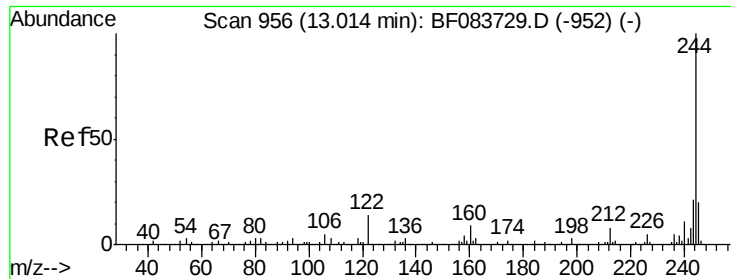
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion:240 Resp: 197451
 Ion Ratio Lower Upper
 240 100
 120 14.1 8.1 12.1#
 236 25.2 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

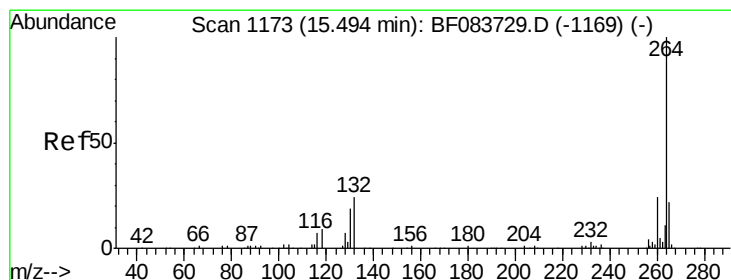
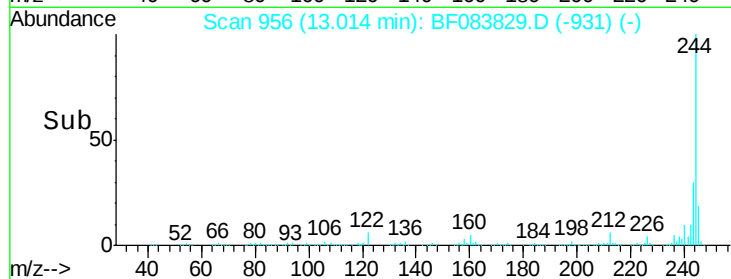
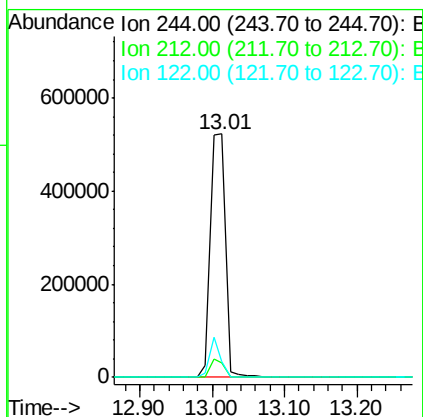
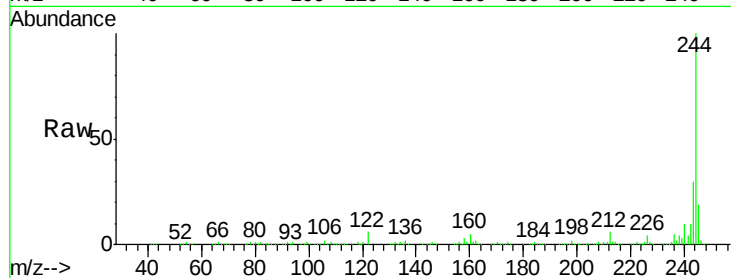




#78
 Terphenyl-d14
 Concen: 82.35 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-B

Tgt Ion:244 Resp: 755956
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.1 9.1
 122 6.5 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion:264 Resp: 135563
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.3 17.8 26.6

