

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083833.D
 Acq On : 16 Dec 2015 00:27
 Operator : UM/IZ
 Sample : G4782-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Quant Time: Dec 16 04:30:49 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

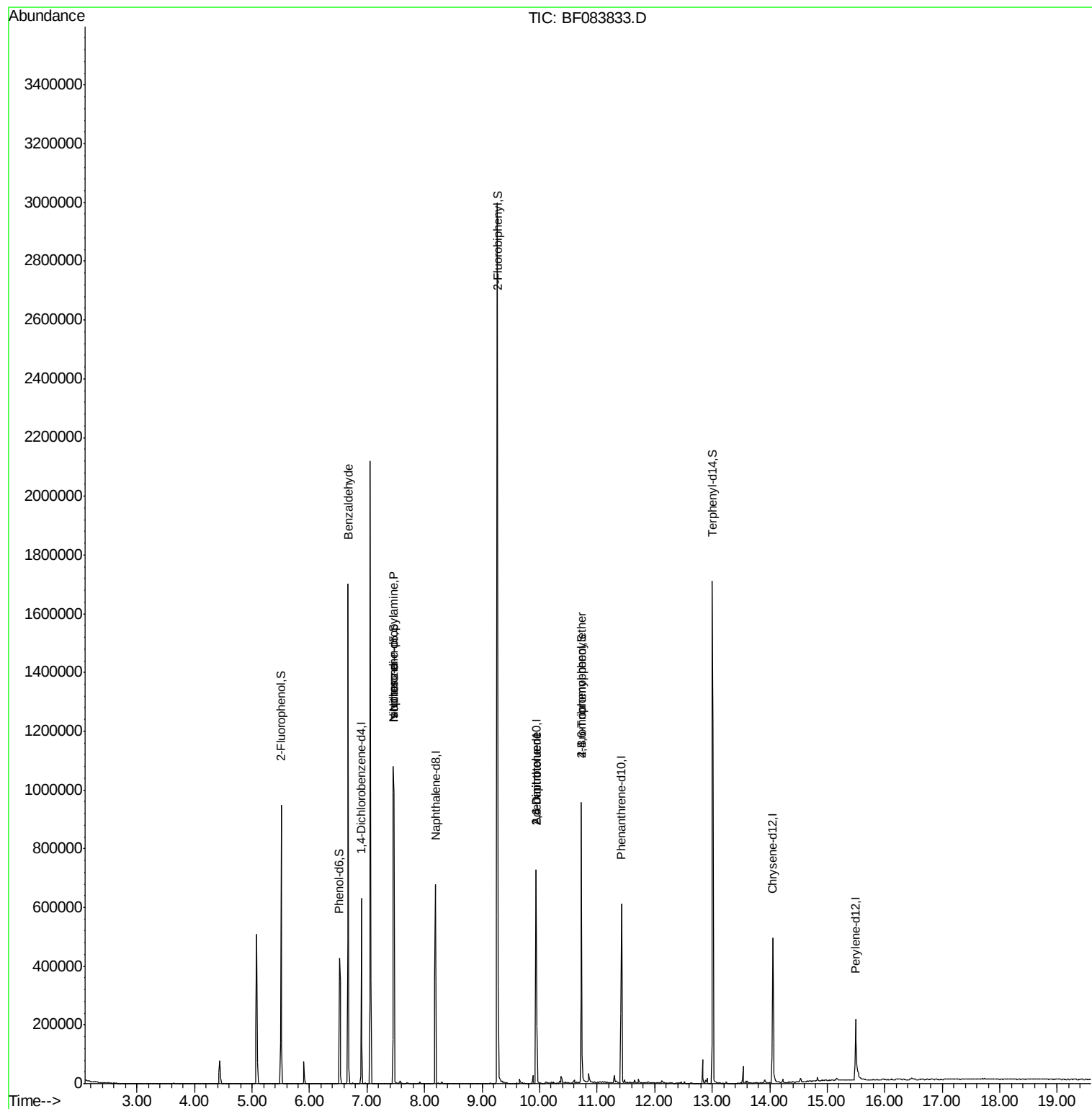
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	94263	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	373992	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	150805	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	249799	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	201900	20.00	ng	-0.02
86) Perylene-d12	15.49	264	141736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	255321	43.70	ng	-0.02
7) Phenol-d6	6.52	99	211832	28.63	ng	-0.02
23) Nitrobenzene-d5	7.46	82	542849	81.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	126173	82.11	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	933087	93.56	ng	-0.02
78) Terphenyl-d14	13.00	244	734611	78.27	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	10443	2.63	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.46	70	70458	15.55	ng	# 72
25) Isophorone	7.46	82	502093	38.28	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	19166	7.68	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	19168	5.88	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	8234	2.95	ng	# 1

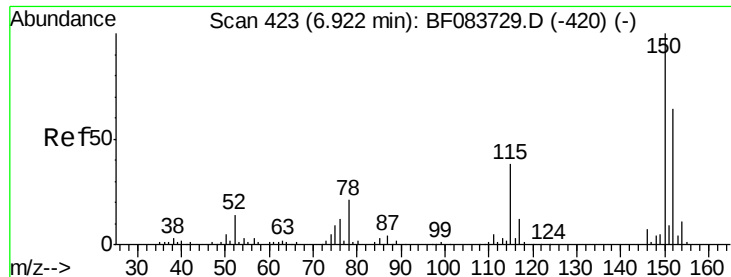
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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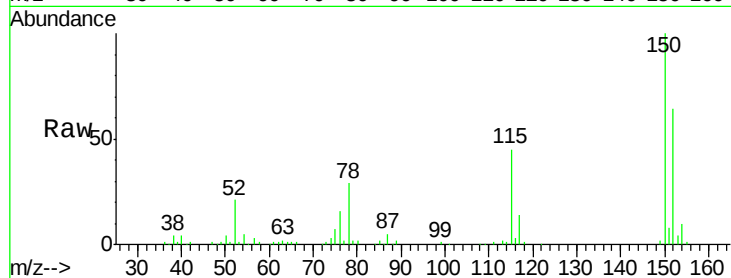


#1

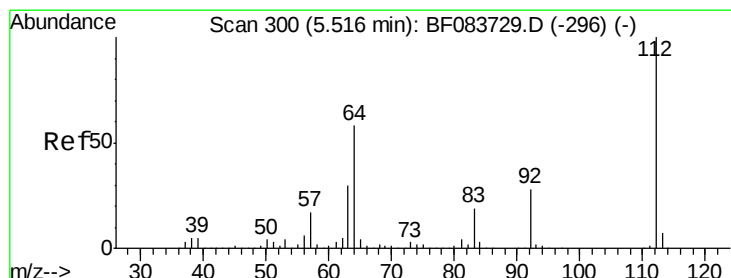
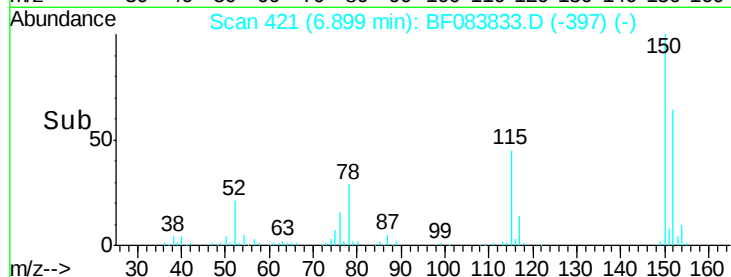
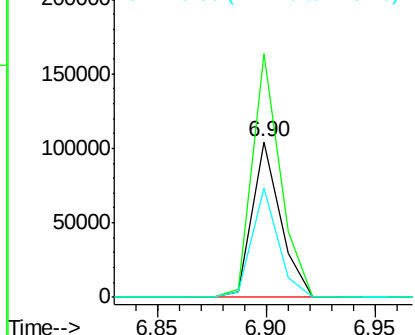
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083833.D
Acq: 16 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-U-M

Tgt Ion:152 Resp: 94263
Ion Ratio Lower Upper
152 100
150 156.1 126.5 189.7
115 69.6 52.3 78.5



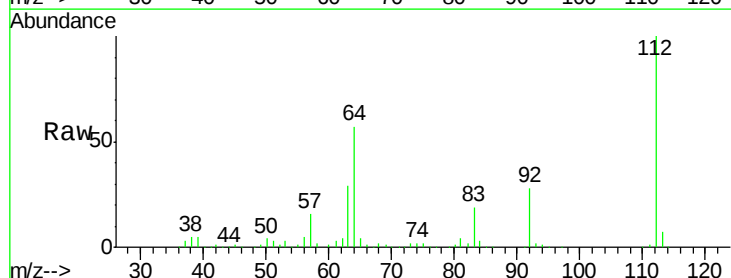
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



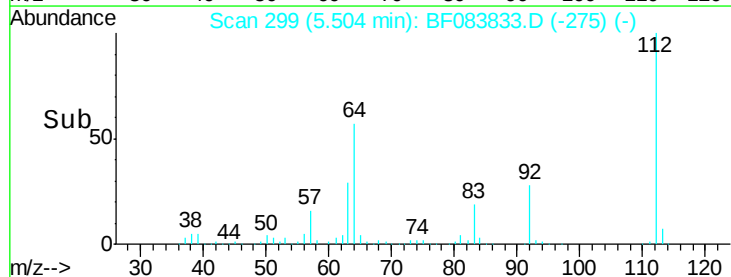
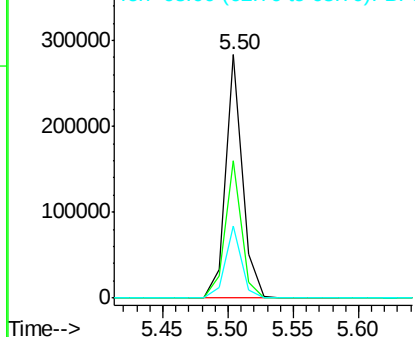
#5

2-Fluorophenol
Concen: 43.70 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083833.D
Acq: 16 Dec 2015 00:27

Tgt Ion:112 Resp: 255321
Ion Ratio Lower Upper
112 100
64 56.6 50.5 75.7
63 29.4 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: 28.63 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083833.D

Acq: 16 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-M

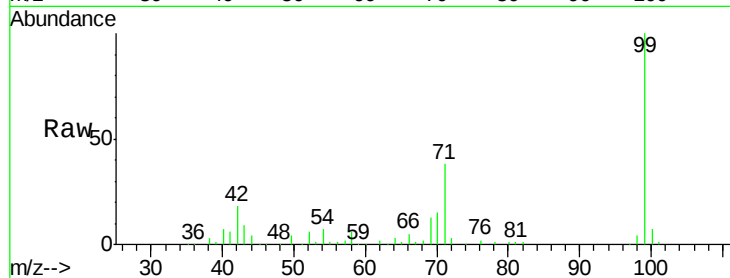
Tgt Ion: 99 Resp: 211832

Ion Ratio Lower Upper

99 100

42 17.7 17.3 25.9

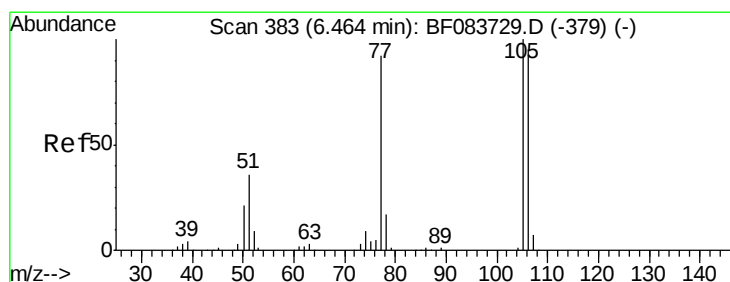
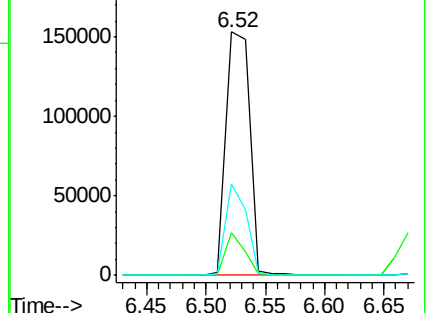
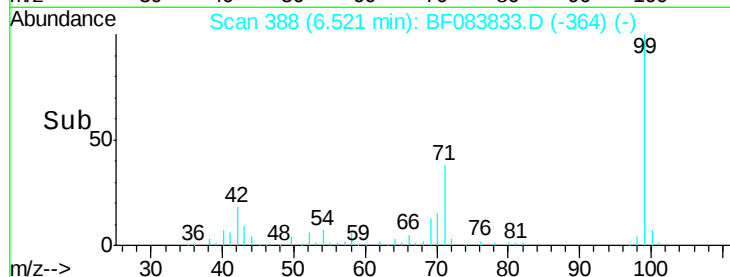
71 37.5 26.6 40.0



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: 2.63 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083833.D

Acq: 16 Dec 2015 00:27

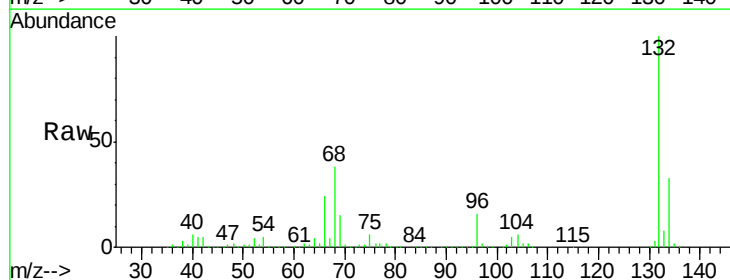
Tgt Ion: 77 Resp: 10443

Ion Ratio Lower Upper

77 100

105 84.1 71.8 111.8

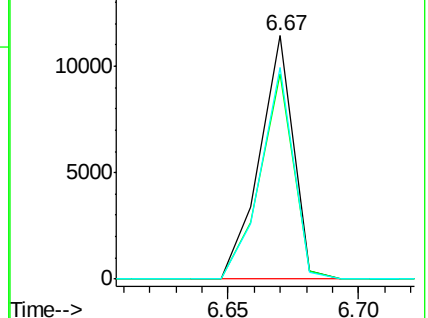
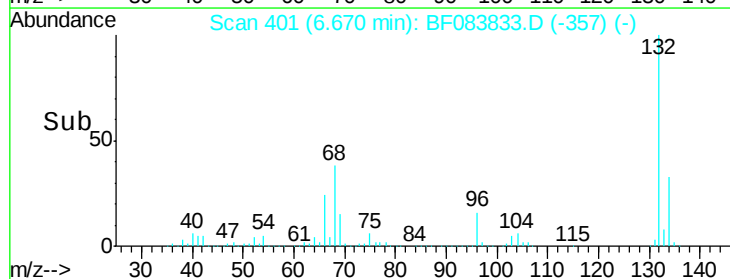
106 86.9 66.8 106.8

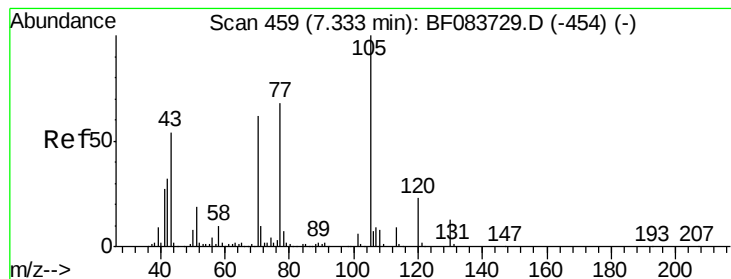


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.55 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083833.D

Acq: 16 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-M

Tgt Ion: 70 Resp: 70458

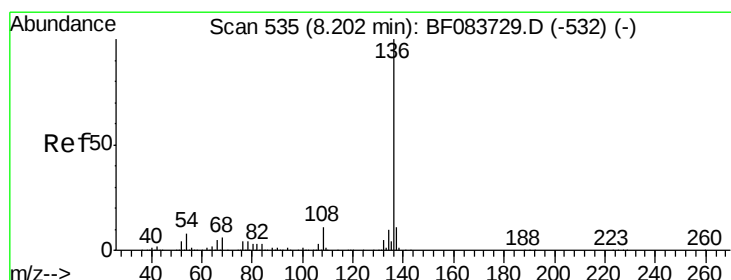
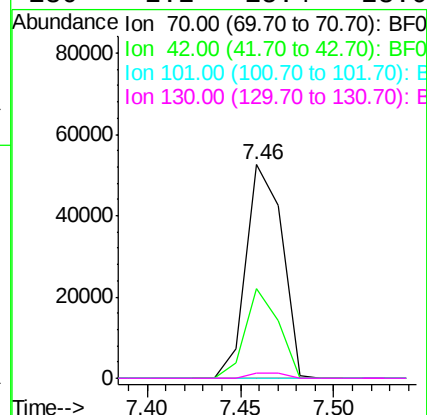
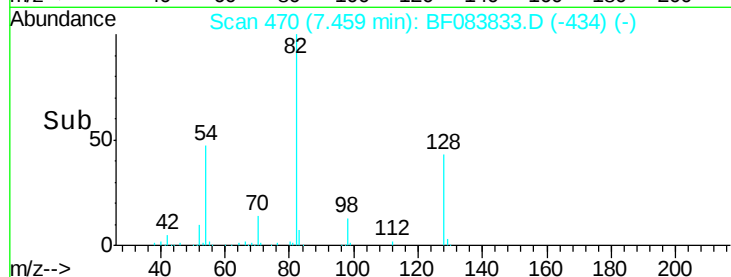
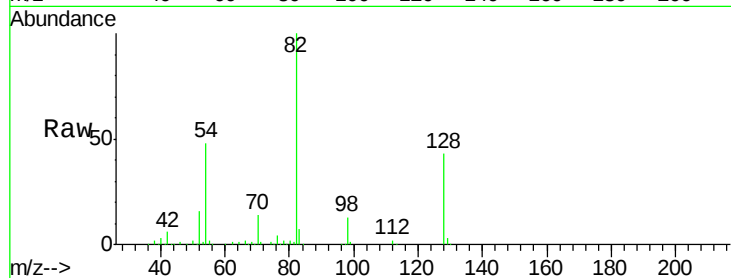
Ion Ratio Lower Upper

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: BF083833.D

Acq: 16 Dec 2015 00:27

Tgt Ion: 136 Resp: 373992

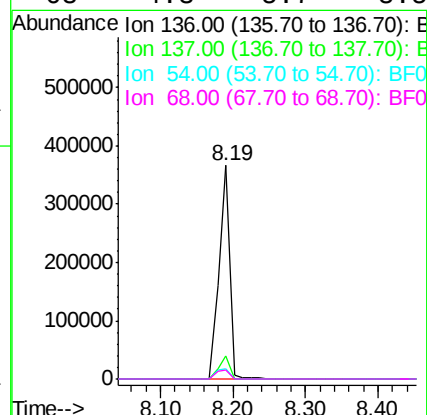
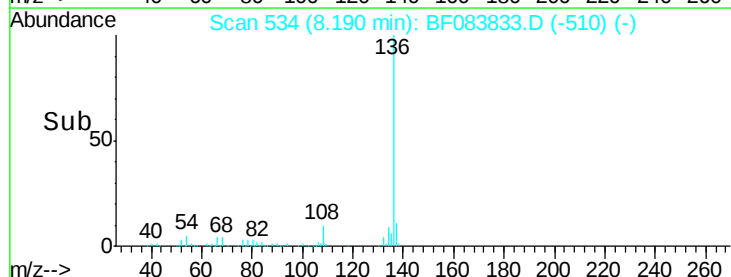
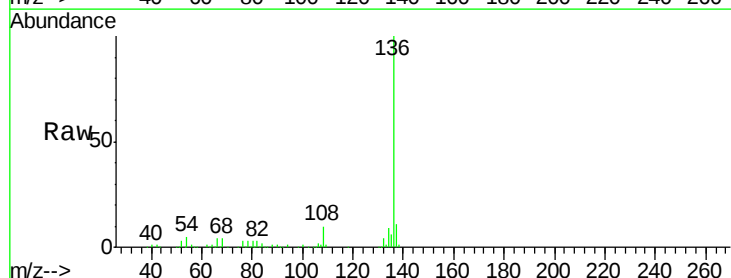
Ion Ratio Lower Upper

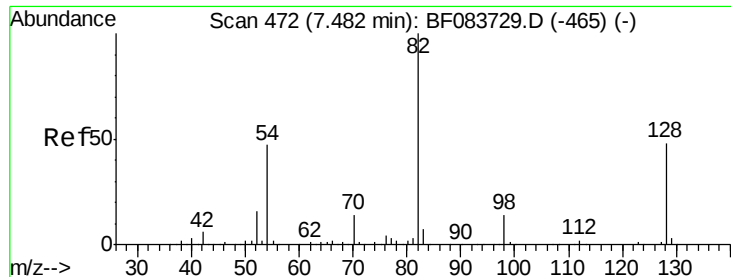
136 100

137 10.6 8.7 13.1

54 5.1 7.8 11.6#

68 4.3 5.7 8.5#

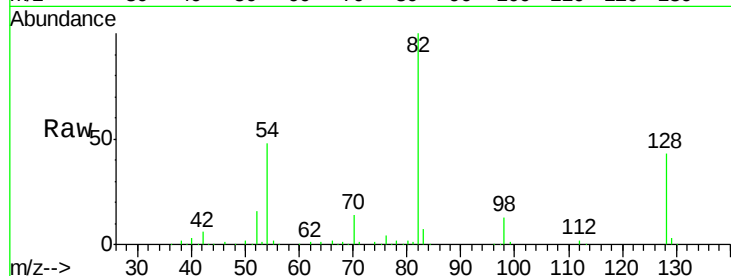




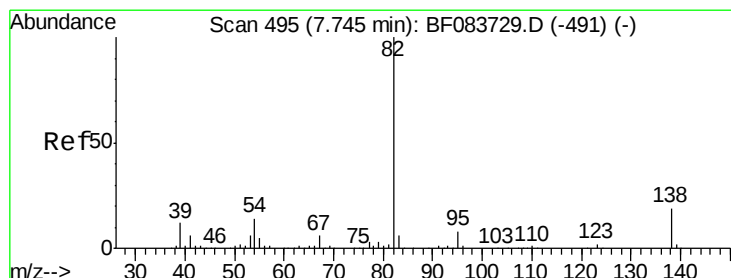
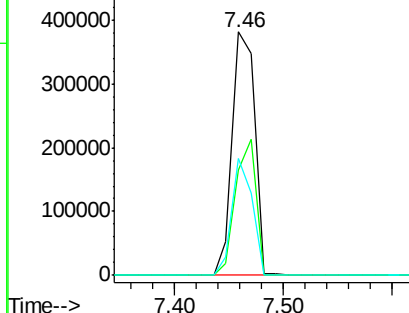
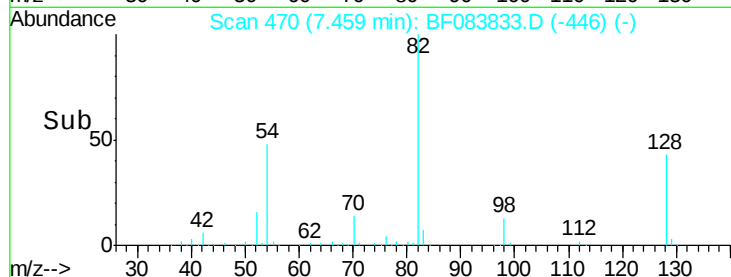
#23
 Nitrobenzene-d5
 Concen: 81.21 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.7	46.1
54	48.1	42.5	63.7

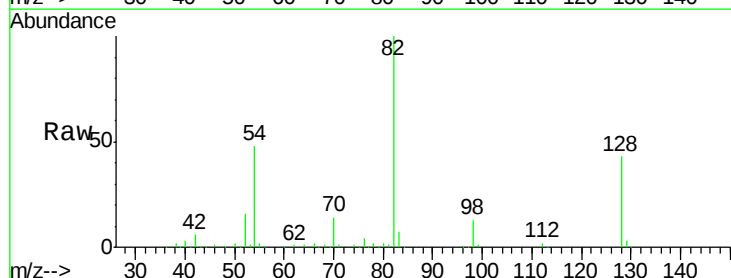


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

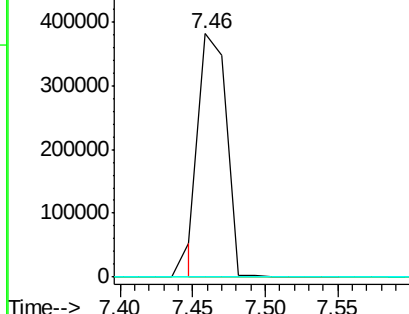
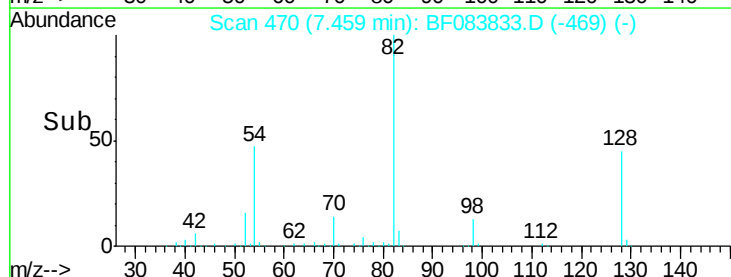


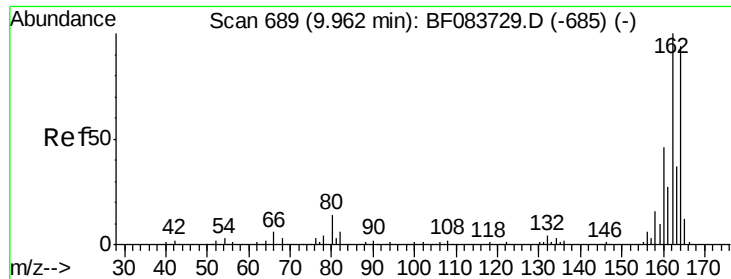
#25
 Isophorone
 Concen: 38.28 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt 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

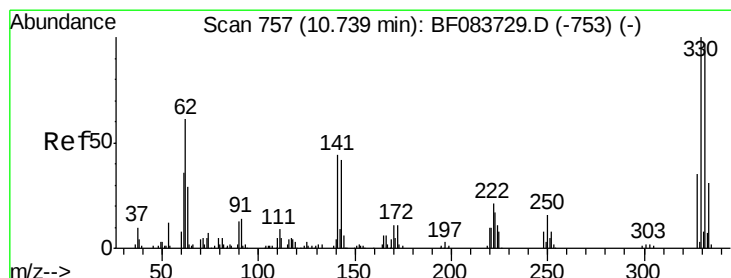
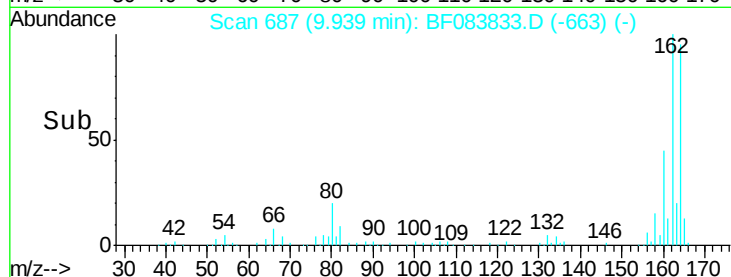
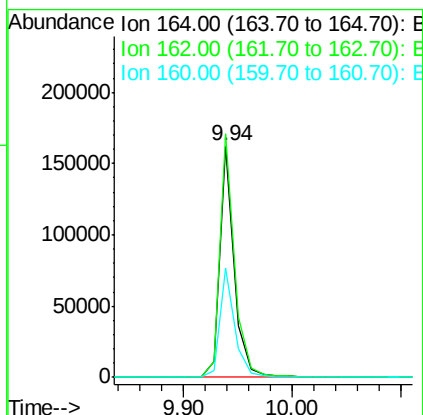
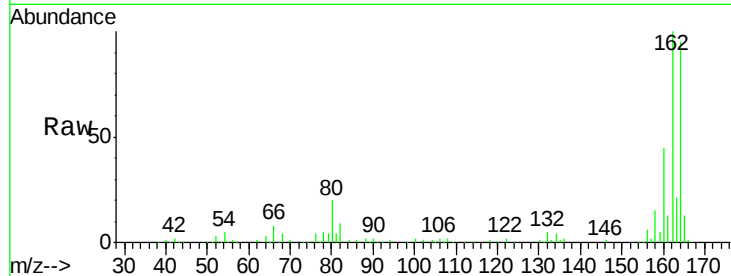




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

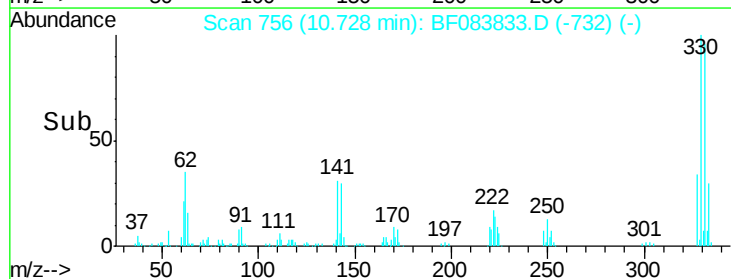
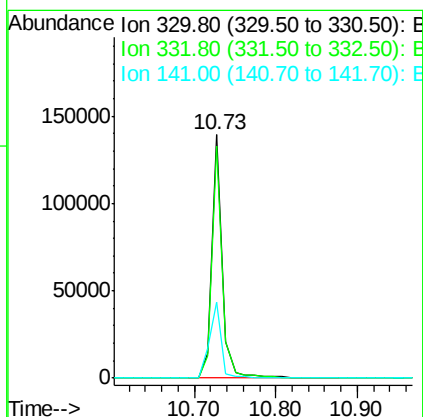
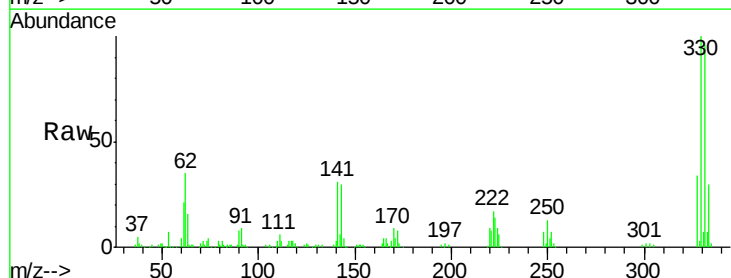
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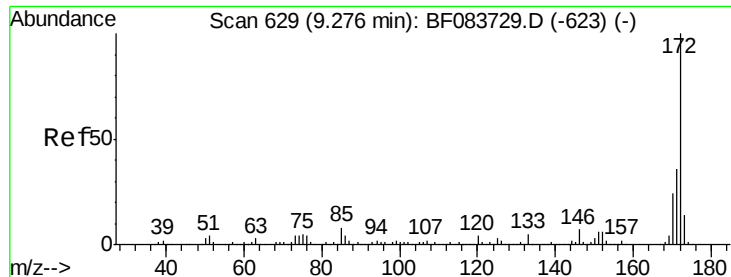
Tgt Ion:164 Resp: 150805
 Ion Ratio Lower Upper
 164 100
 162 105.2 78.8 118.2
 160 47.3 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 82.11 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion:330 Resp: 126173
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 35.7 0.0 0.0#

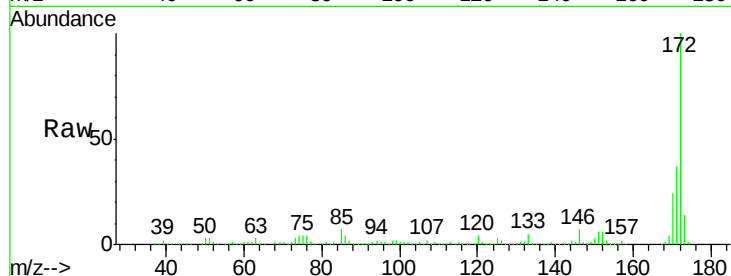




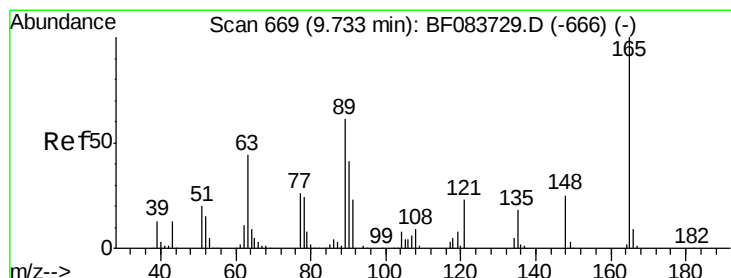
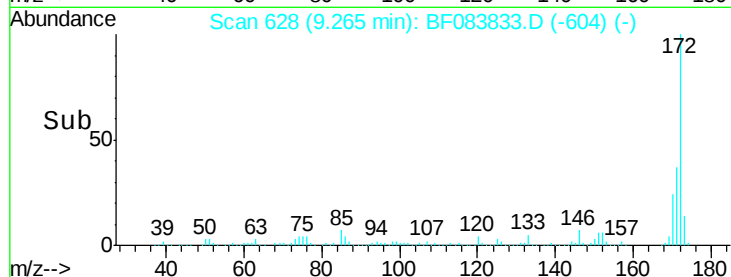
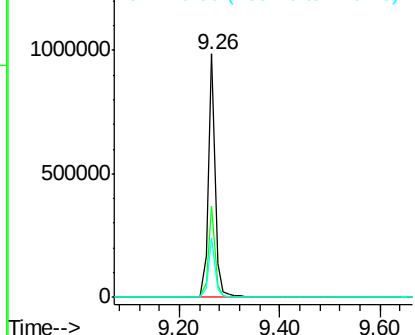
#44
 2-Fluorobiphenyl
 Concen: 93.56 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.5	19.4	29.0

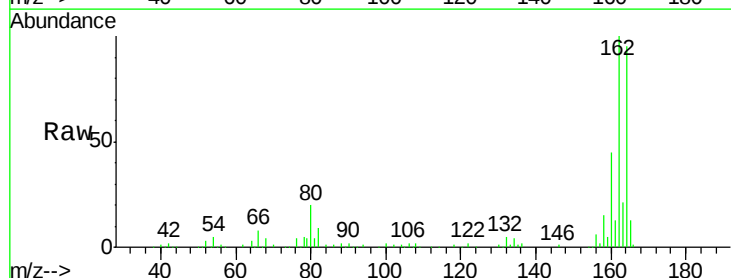


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

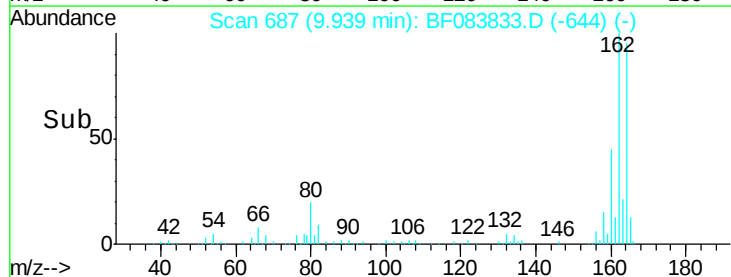
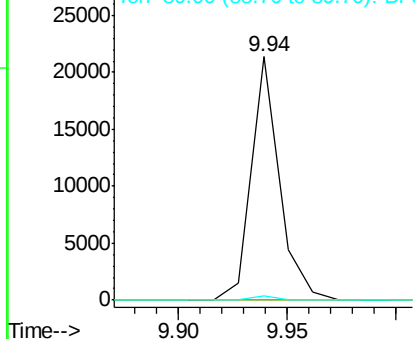


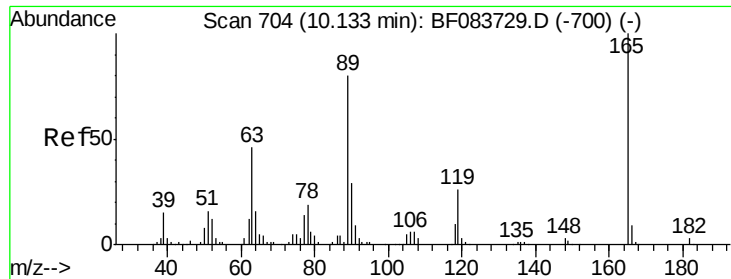
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.9	85.3#
89	1.6	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

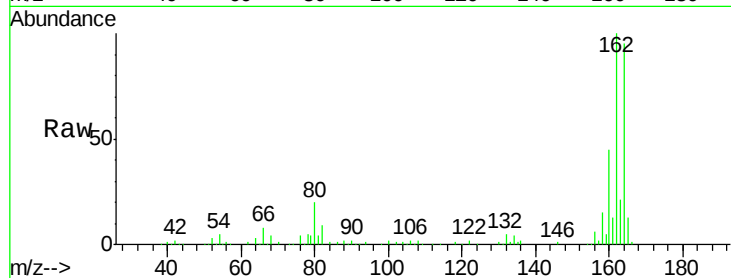




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tgt Ion:	165	Resp:	19168
Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.2#
89	1.6	72.6	108.8#
182	0.0	1.4	2.0#

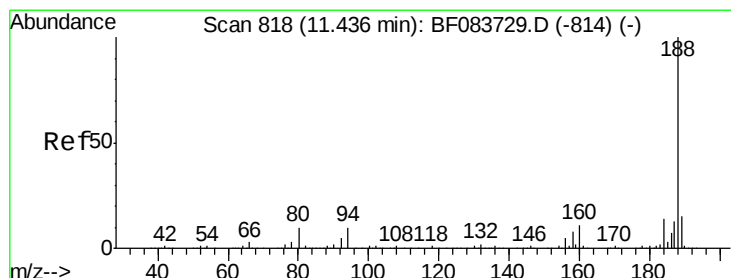
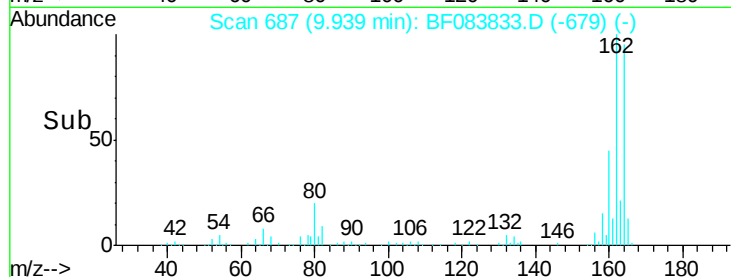
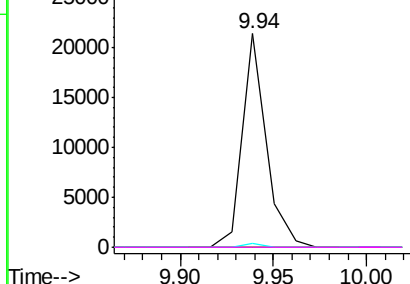


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

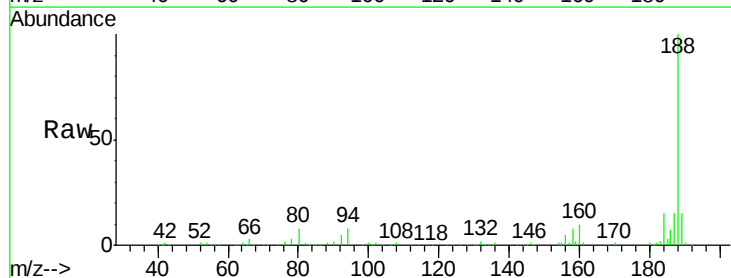
Ion 89.00 (88.70 to 89.70): BF0

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: BF083833.D
 Acq: 16 Dec 2015 00:27

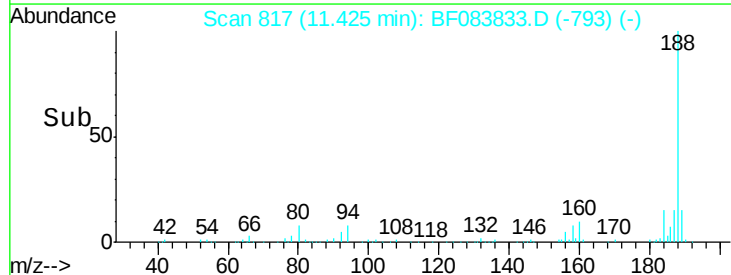
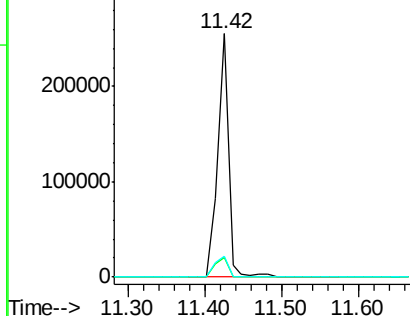
Tgt Ion:	188	Resp:	249799
Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.4	14.2#
80	8.4	10.6	16.0#

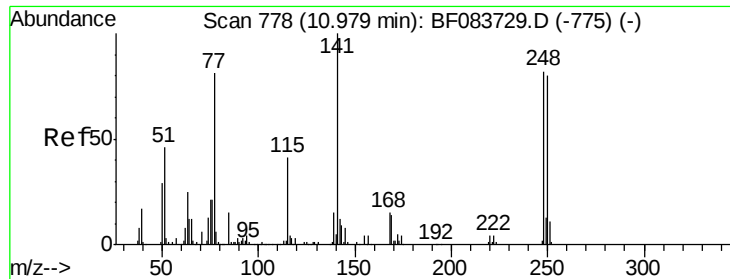


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

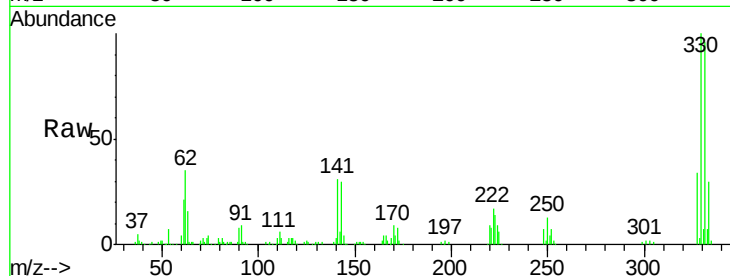




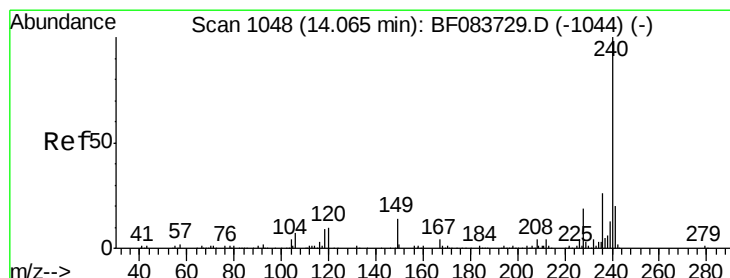
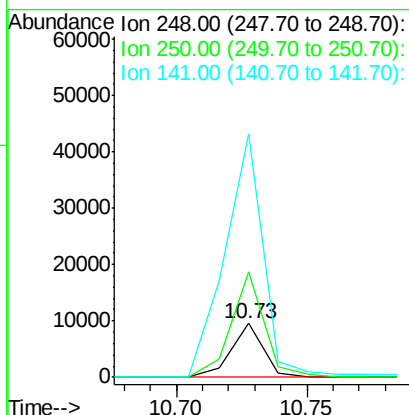
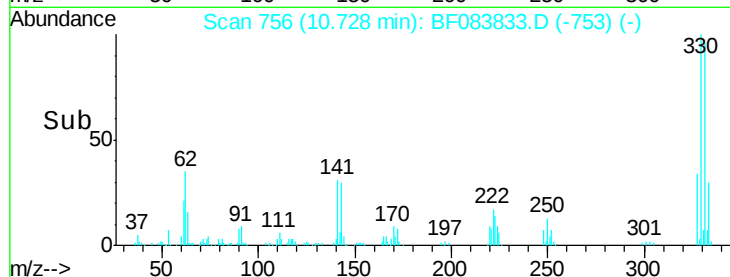
#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tgt Ion:248 Resp: 8234
 Ion Ratio Lower Upper
 248 100
 250 195.4 79.2 118.8#
 141 450.9 58.2 87.4#

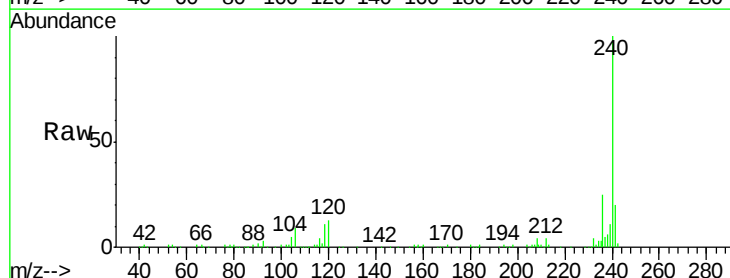


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

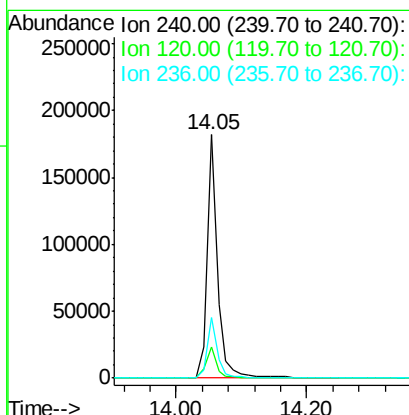
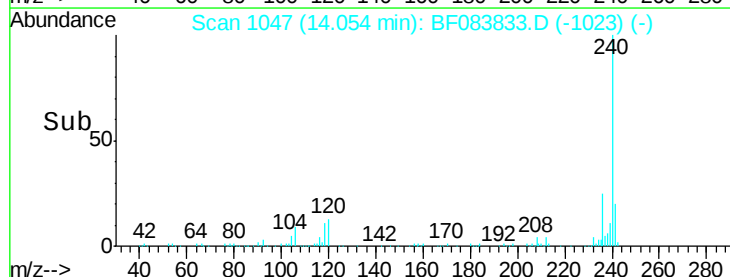


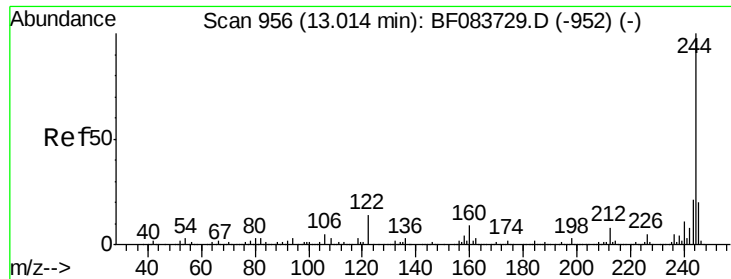
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion:240 Resp: 201900
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.1 12.1#
 236 24.7 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

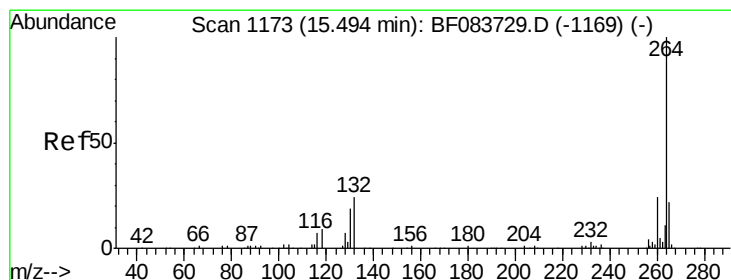
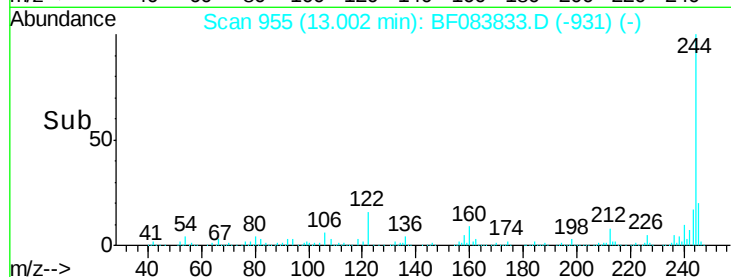
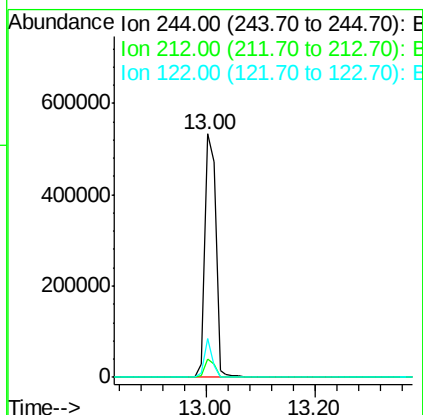
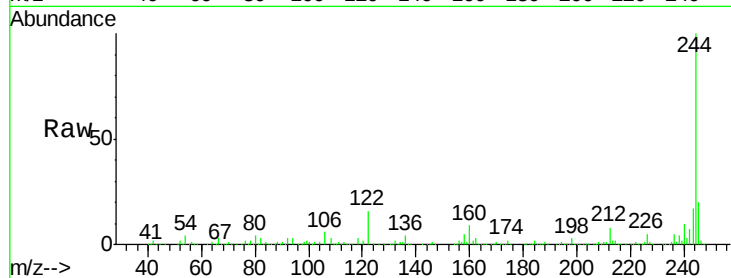




#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tgt Ion:244 Resp: 734611
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 16.2 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: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion:264 Resp: 141736
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.8 17.8 26.6

