

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083783.D
 Acq On : 14 Dec 2015 21:55
 Operator : UM/IZ
 Sample : G4759-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB121015

Quant Time: Dec 15 02:25:36 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

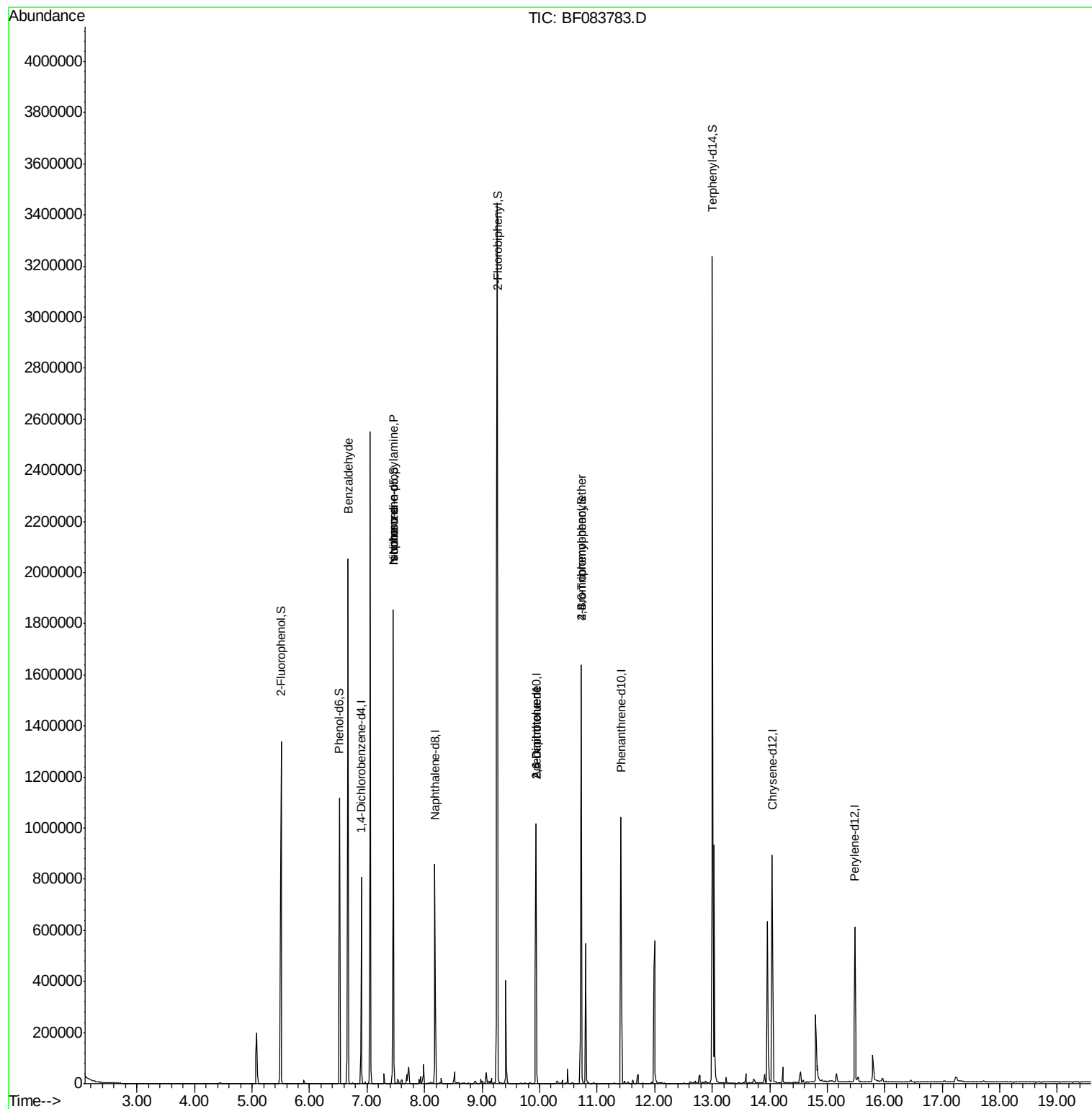
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	115245	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	424672	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	217662	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	375328	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	331034	20.00	ng	-0.03
86) Perylene-d12	15.48	264	257430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	462490	64.74	ng	-0.02
7) Phenol-d6	6.52	99	382681	42.30	ng	-0.02
23) Nitrobenzene-d5	7.46	82	641920	84.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	315904	142.43	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1294062	88.09	ng	-0.02
78) Terphenyl-d14	13.00	244	1113433	72.35	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	16751	3.45	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.46	70	88814	16.03	ng	# 70
25) Isophorone	7.46	82	632986	42.50	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	28110	7.81	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	28112	5.98	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	21317	5.08	ng	# 1

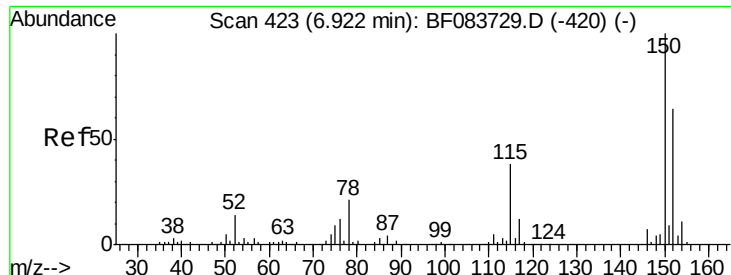
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083783.D

Acq: 14 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

FB121015

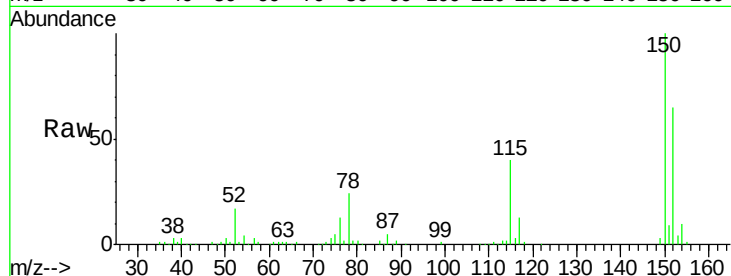
Tgt Ion:152 Resp: 115245

Ion Ratio Lower Upper

152 100

150 154.2 126.5 189.7

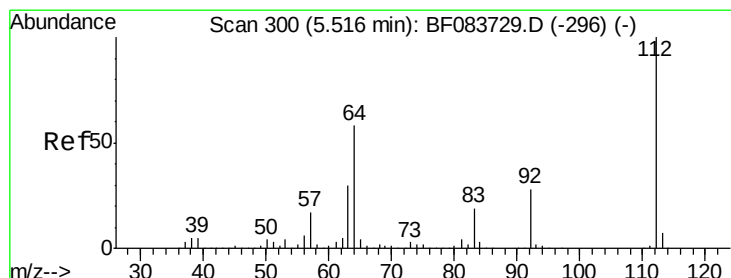
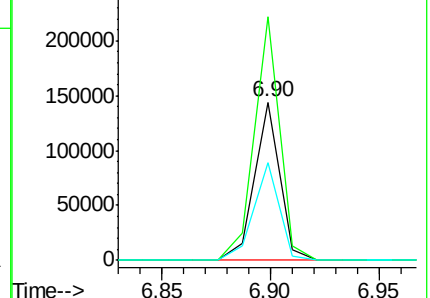
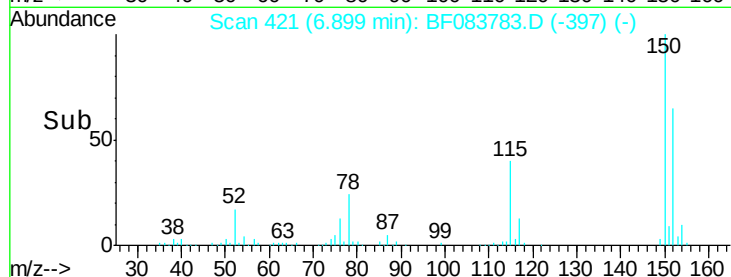
115 62.3 52.3 78.5



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: 64.74 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083783.D

Acq: 14 Dec 2015 21:55

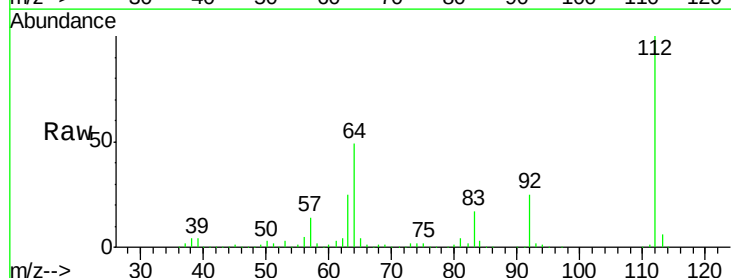
Tgt Ion:112 Resp: 462490

Ion Ratio Lower Upper

112 100

64 48.6 50.5 75.7#

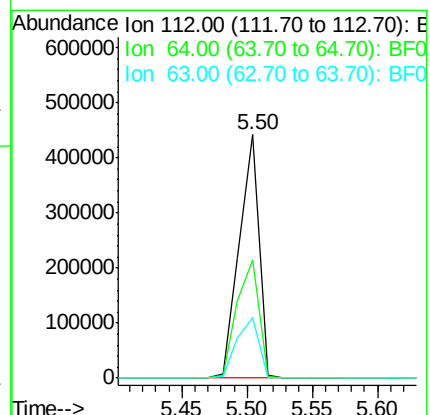
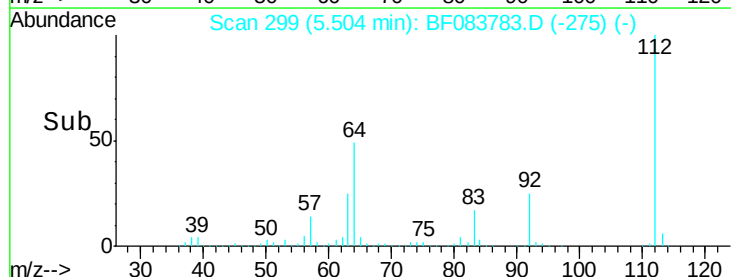
63 24.7 25.8 38.6#

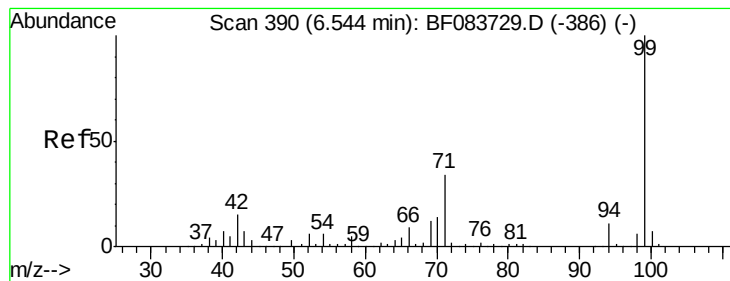


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.30 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083783.D

Acq: 14 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

FB121015

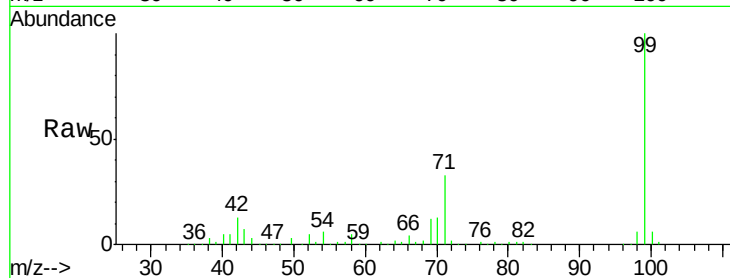
Tgt Ion: 99 Resp: 382681

Ion Ratio Lower Upper

99 100

42 13.4 17.3 25.9#

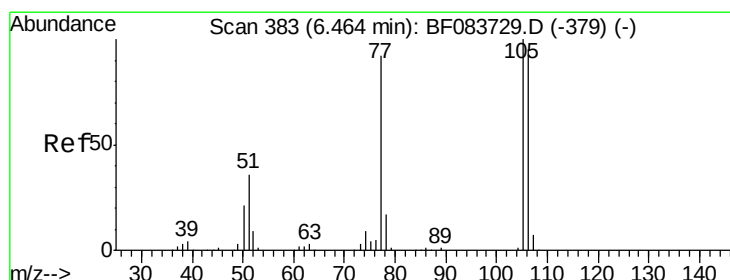
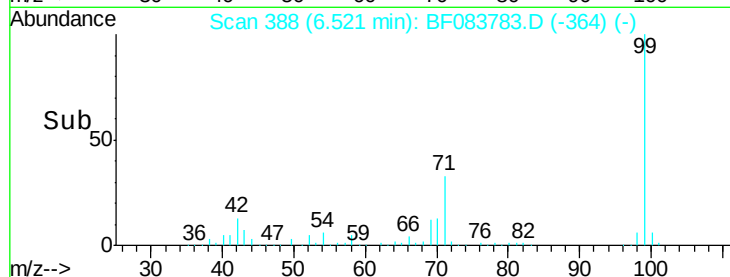
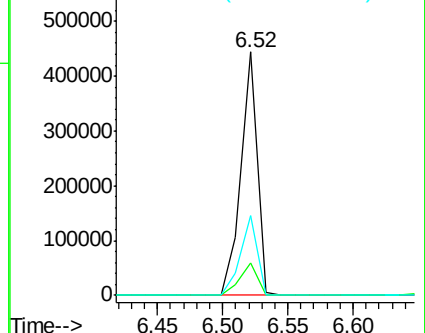
71 32.8 26.6 40.0



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: 3.45 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083783.D

Acq: 14 Dec 2015 21:55

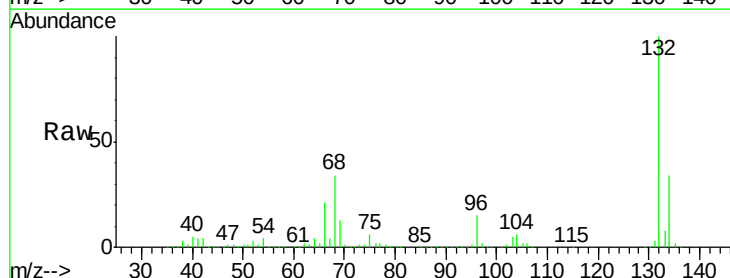
Tgt Ion: 77 Resp: 16751

Ion Ratio Lower Upper

77 100

105 92.1 71.8 111.8

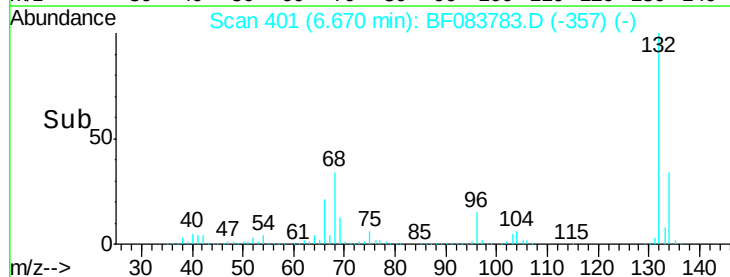
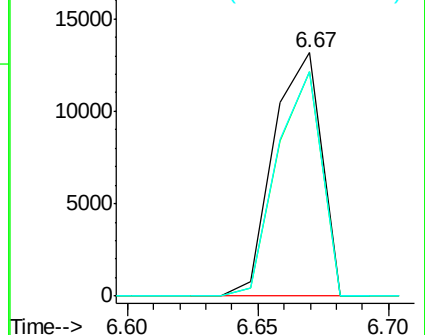
106 92.3 66.8 106.8

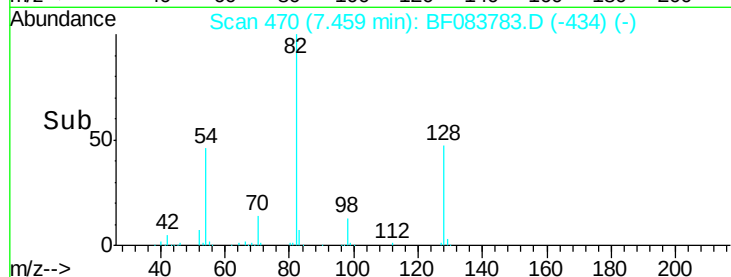
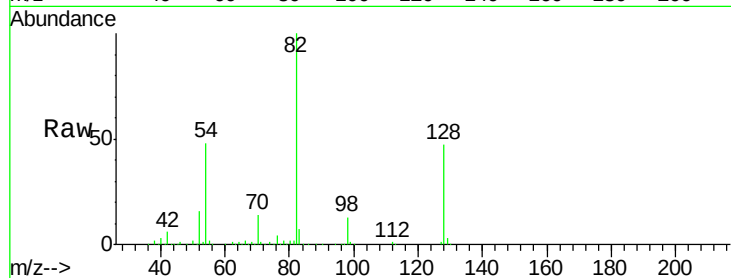
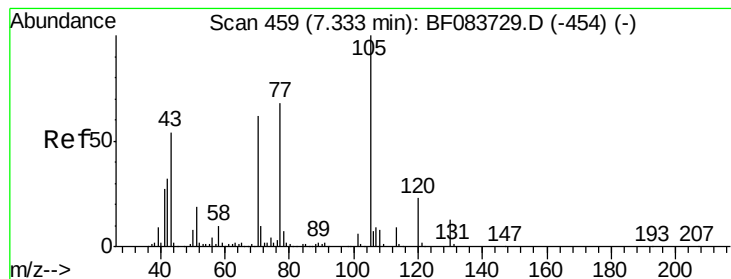


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.03 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083783.D

Acq: 14 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

FB121015

Tgt Ion: 70 Resp: 88814

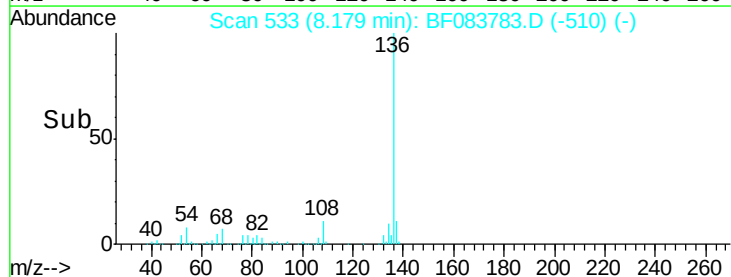
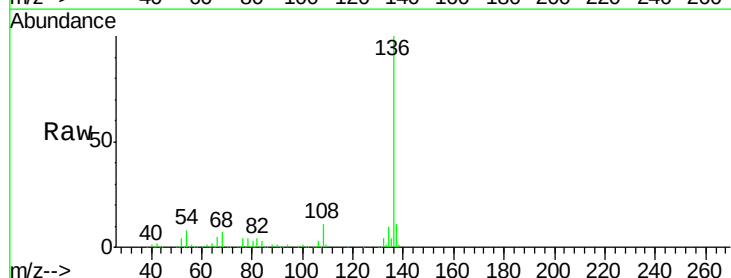
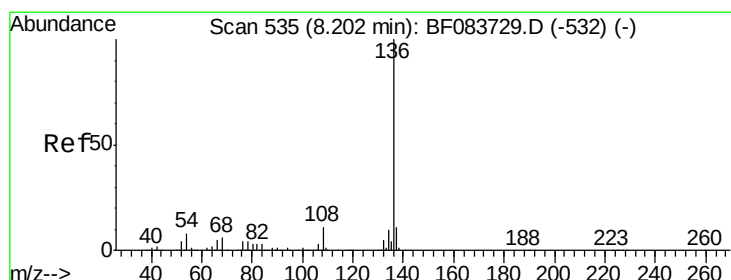
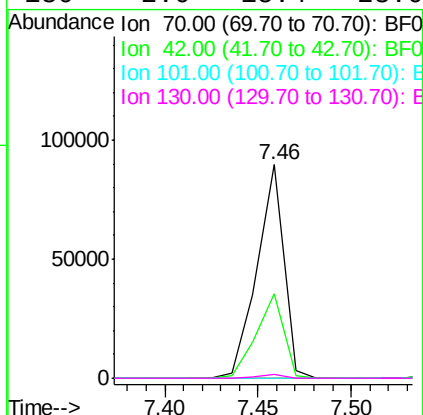
Ion Ratio Lower Upper

70 100

42 39.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 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: BF083783.D

Acq: 14 Dec 2015 21:55

Tgt Ion: 136 Resp: 424672

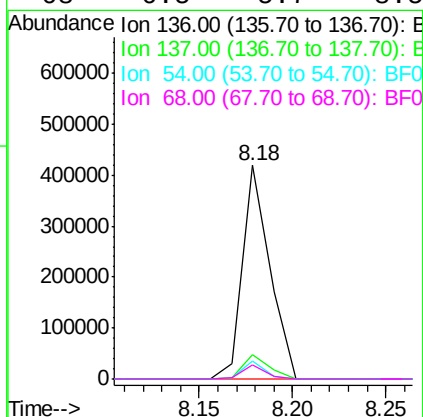
Ion Ratio Lower Upper

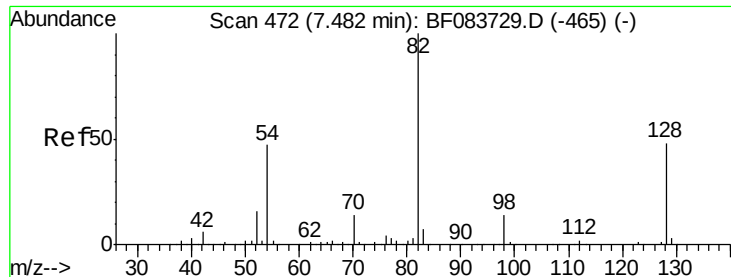
136 100

137 11.2 8.7 13.1

54 8.2 7.8 11.6

68 6.5 5.7 8.5

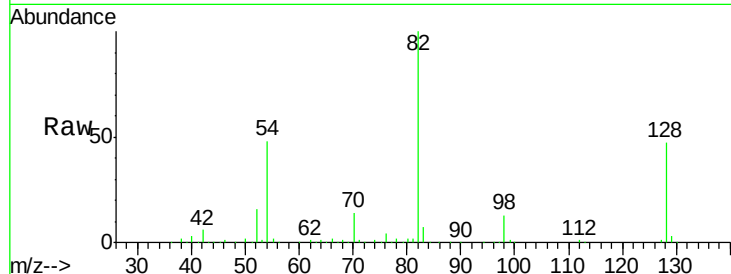




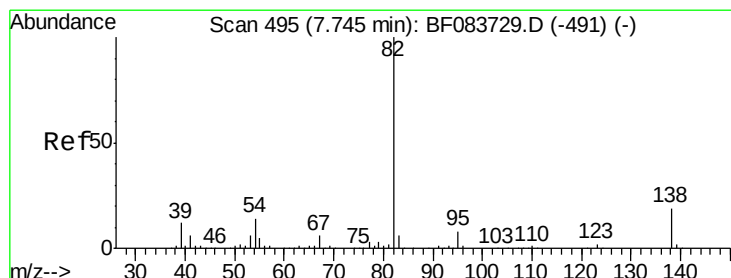
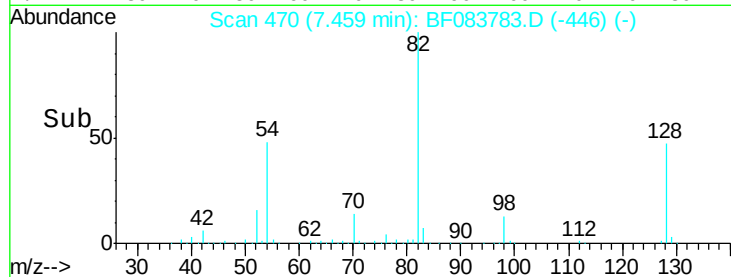
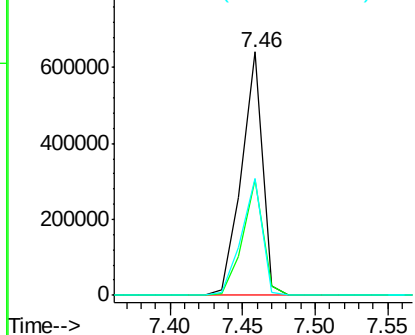
#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 FB121015

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	30.7	46.1#
54	47.8	42.5	63.7

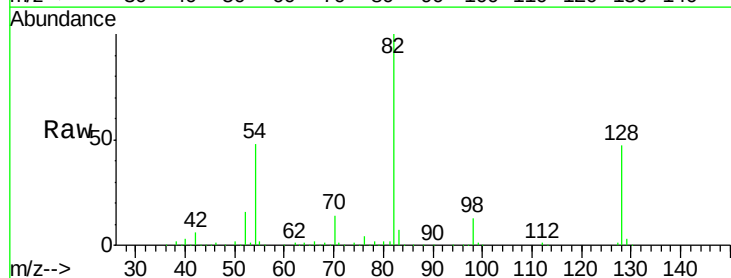


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

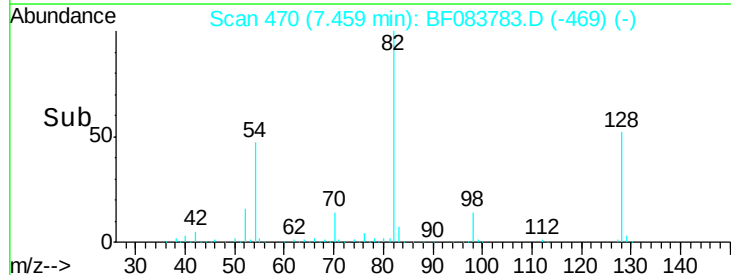
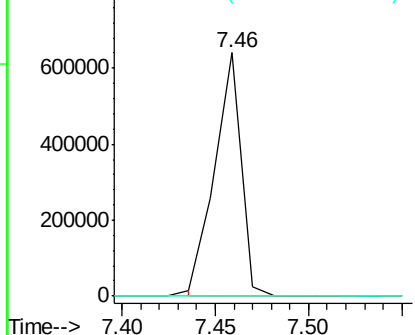


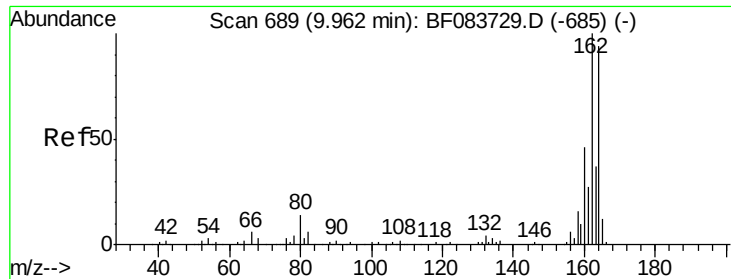
#25
 Isophorone
 Concen: 42.50 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

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

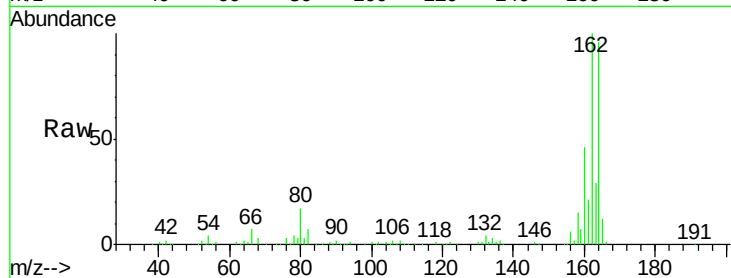




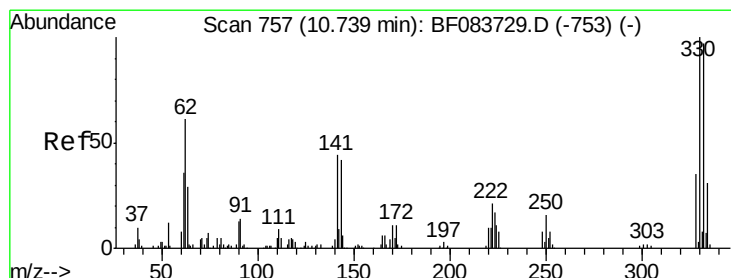
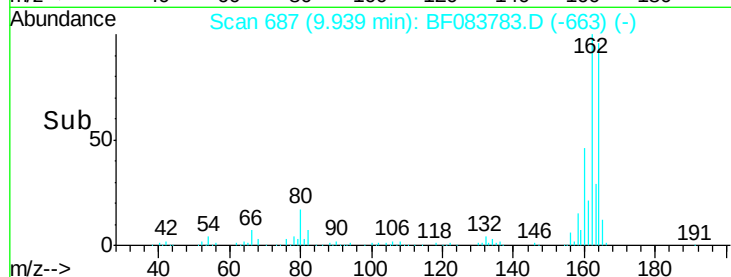
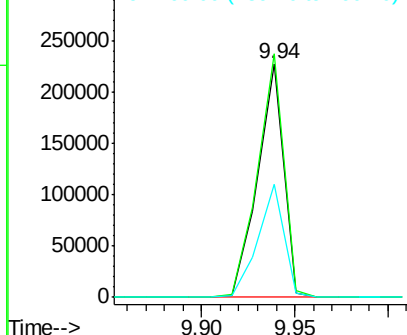
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083783.D
Acq: 14 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
FB121015

Tgt Ion:164 Resp: 217662
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 48.3 33.4 50.2

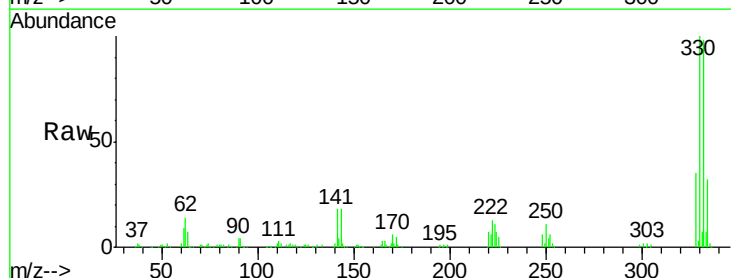


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

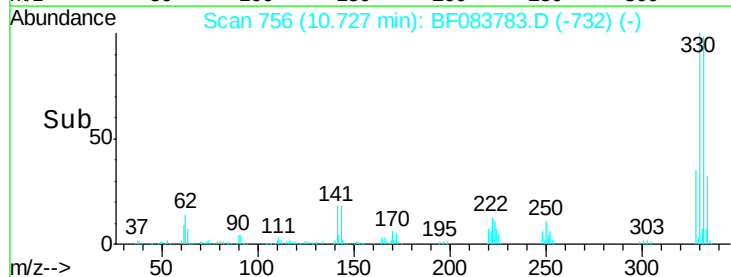
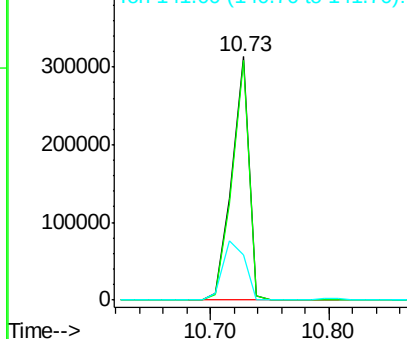


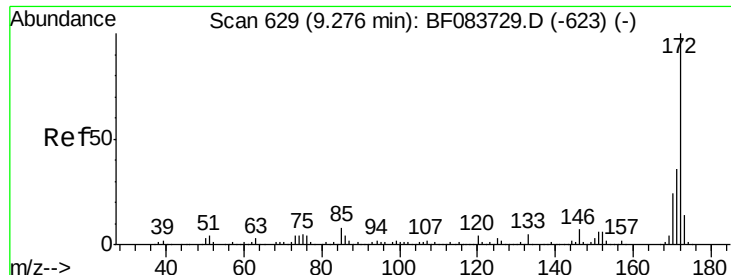
#41
2,4,6-Tribromophenol
Concen: 142.43 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083783.D
Acq: 14 Dec 2015 21:55

Tgt Ion:330 Resp: 315904
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 31.3 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

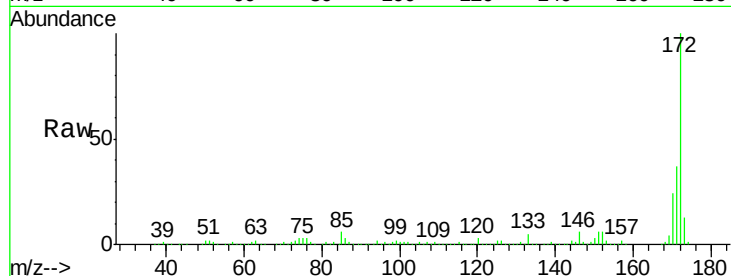




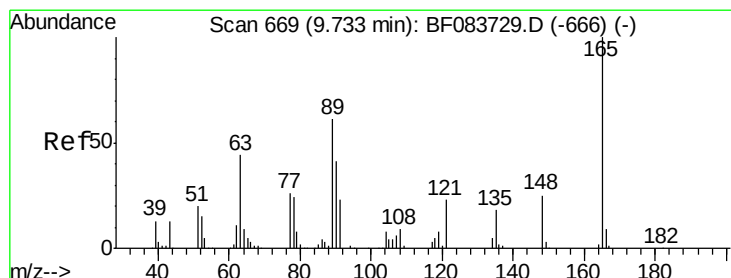
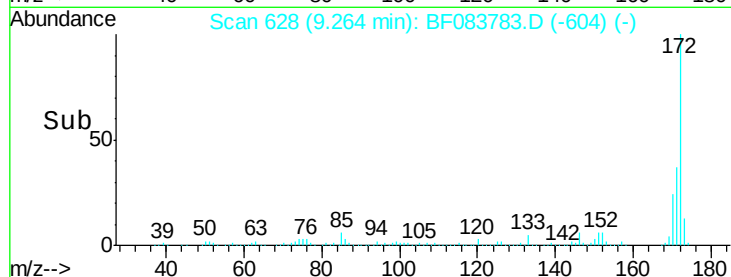
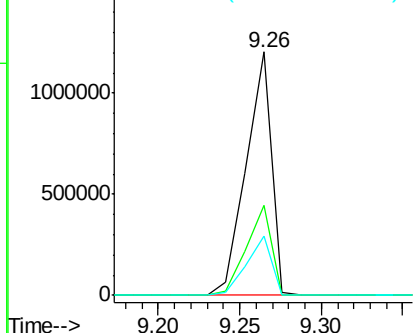
#44
 2-Fluorobiphenyl
 Concen: 88.09 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 FB121015

Tgt Ion:172 Resp: 1294062
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 42.8
 170 24.4 19.4 29.0

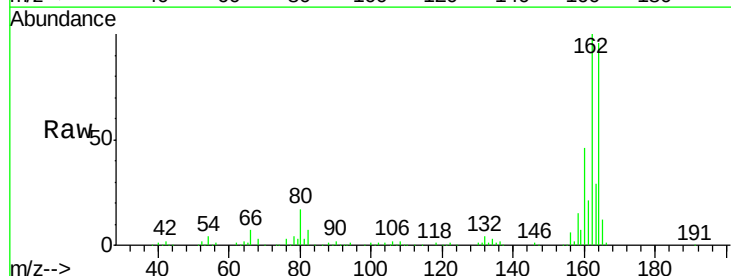


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

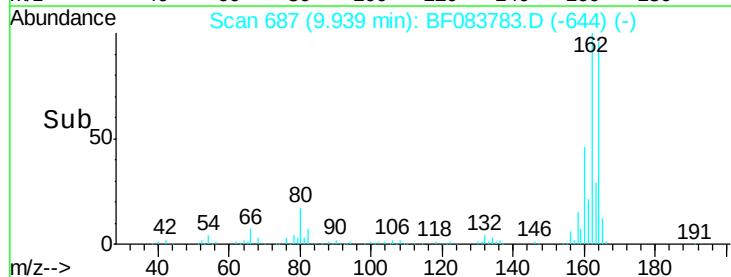
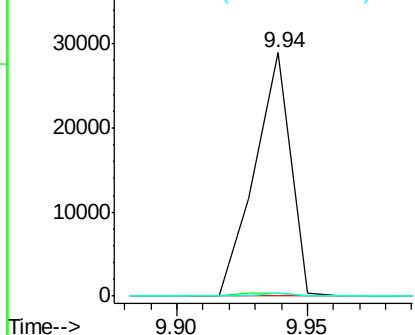


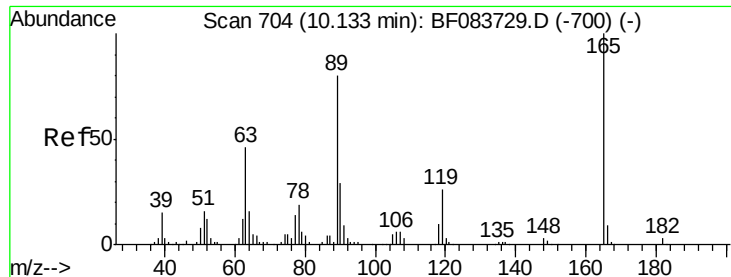
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

Tgt Ion:165 Resp: 28110
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 1.5 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

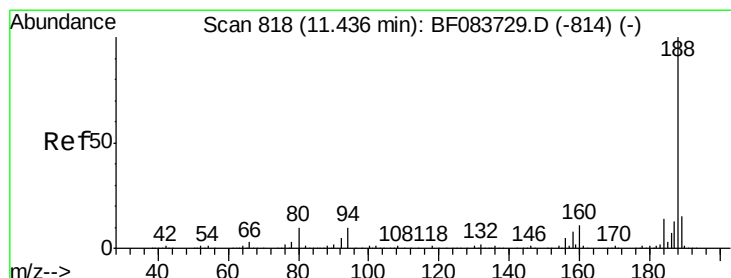
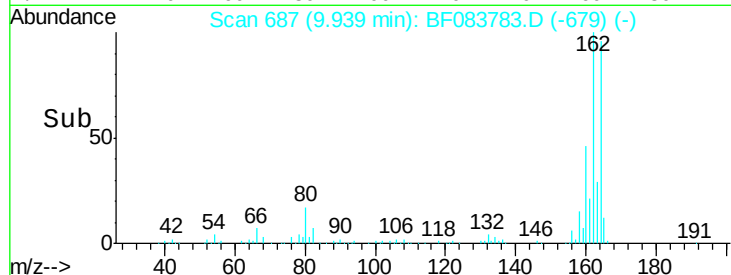
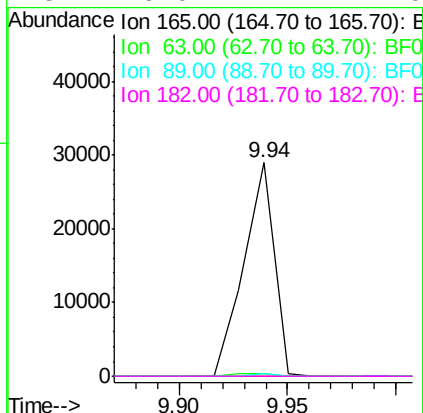
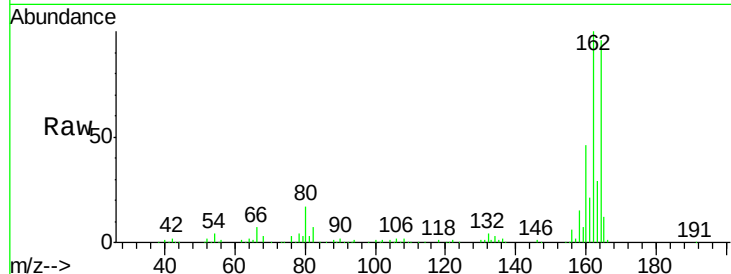




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

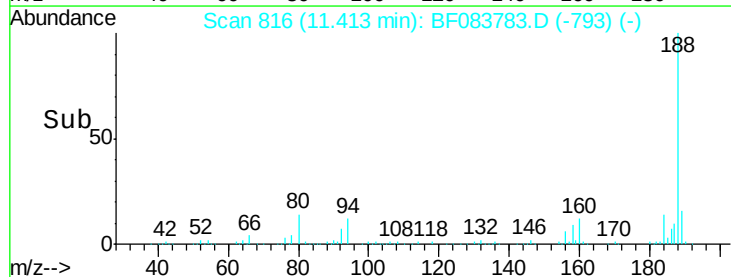
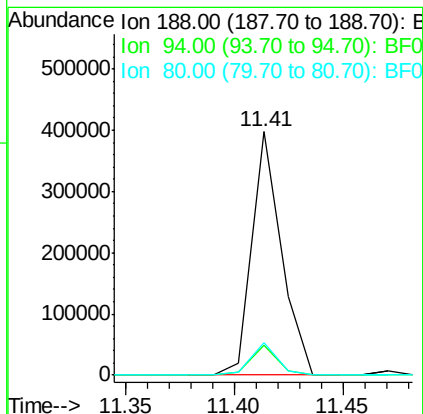
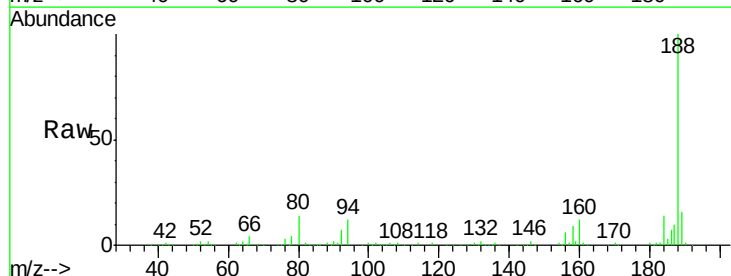
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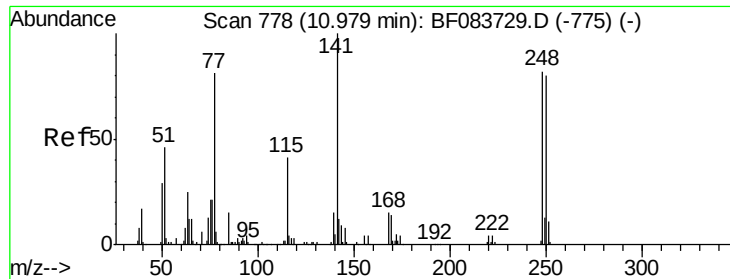
Tgt Ion:165 Resp: 28112
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.4 77.2#
 89 1.5 72.6 108.8#
 182 0.0 1.4 2.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

Tgt Ion:188 Resp: 375328
 Ion Ratio Lower Upper
 188 100
 94 12.4 9.4 14.2
 80 13.5 10.6 16.0

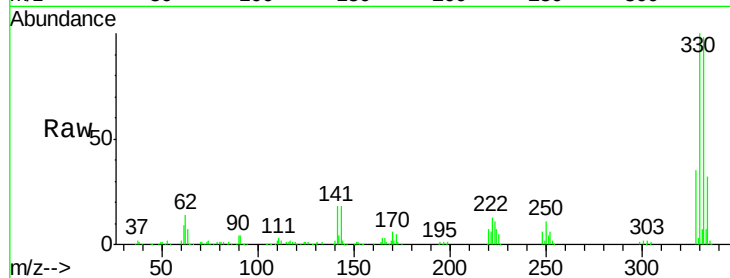




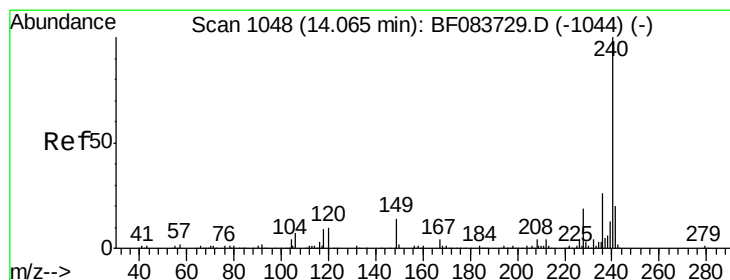
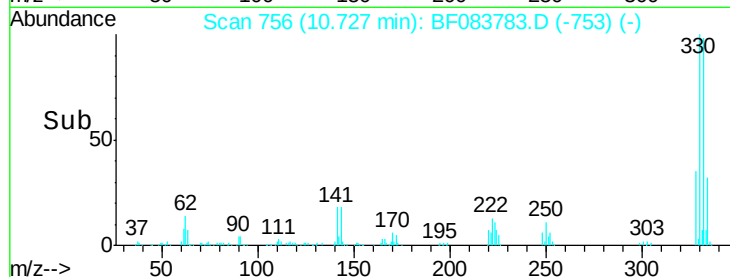
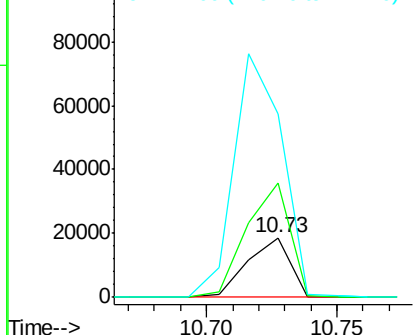
#66
 4-Bromophenyl-phenylether
 Concen: 5.08 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 FB121015

Tgt Ion:248 Resp: 21317
 Ion Ratio Lower Upper
 248 100
 250 192.5 79.2 118.8#
 141 309.6 58.2 87.4#

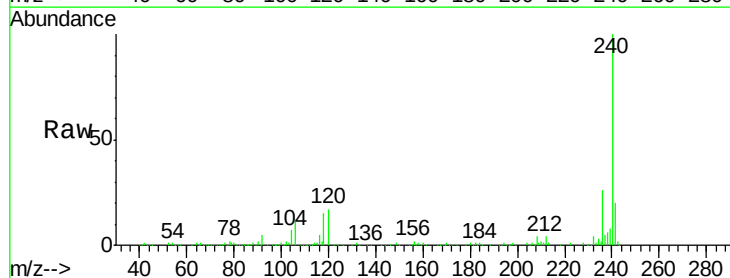


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

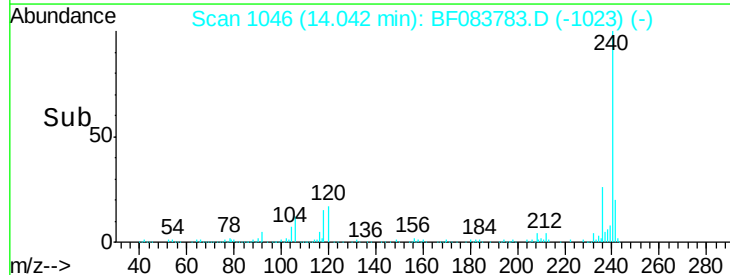
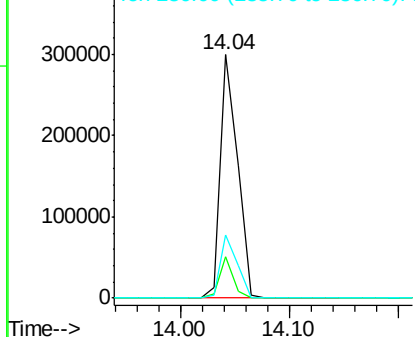


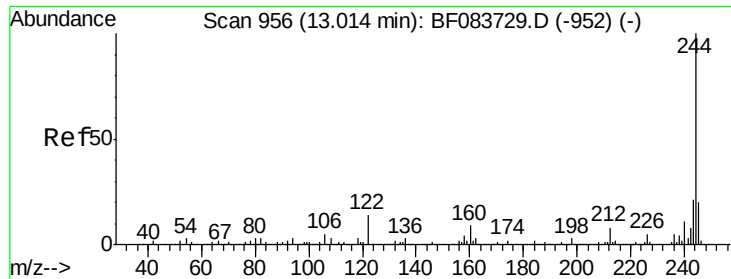
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083783.D
 Acq: 14 Dec 2015 21:55

Tgt Ion:240 Resp: 331034
 Ion Ratio Lower Upper
 240 100
 120 16.9 8.1 12.1#
 236 25.8 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

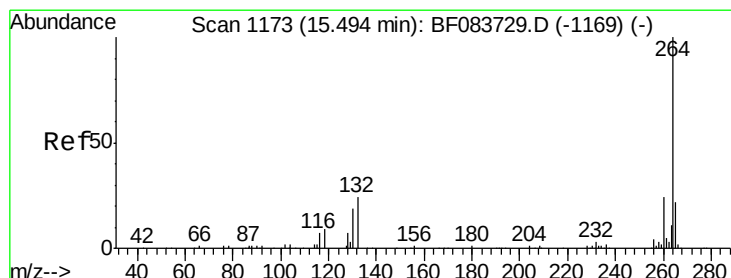
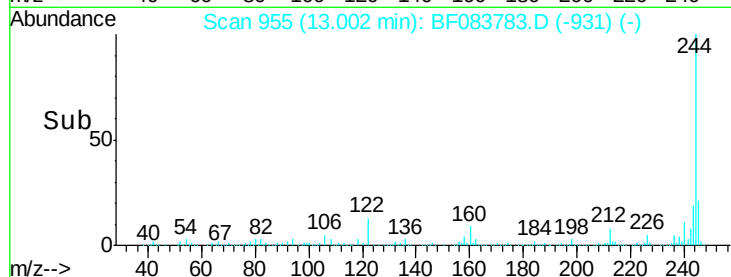
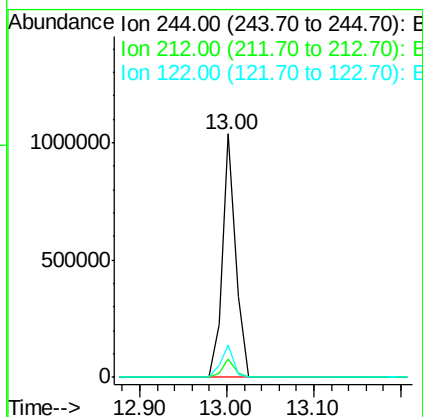
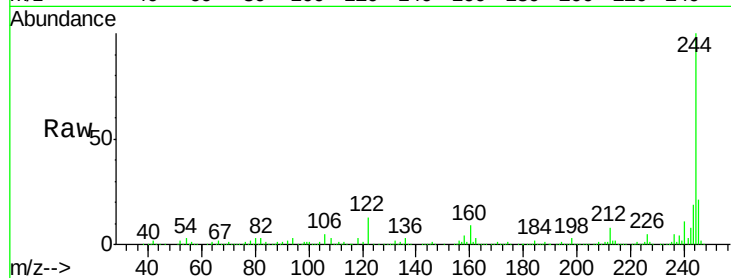




#78
Terphenyl-d14
Concen: 72.35 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083783.D
Acq: 14 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
FB121015

Tgt Ion:244 Resp: 1113433
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.4 11.0 16.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083783.D
Acq: 14 Dec 2015 21:55

Tgt Ion:264 Resp: 257430
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.5 17.8 26.6

