

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083939.D
 Acq On : 19 Dec 2015 3:48
 Operator : UM/SJ
 Sample : G4840-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK3-121515

Quant Time: Dec 19 05:46:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

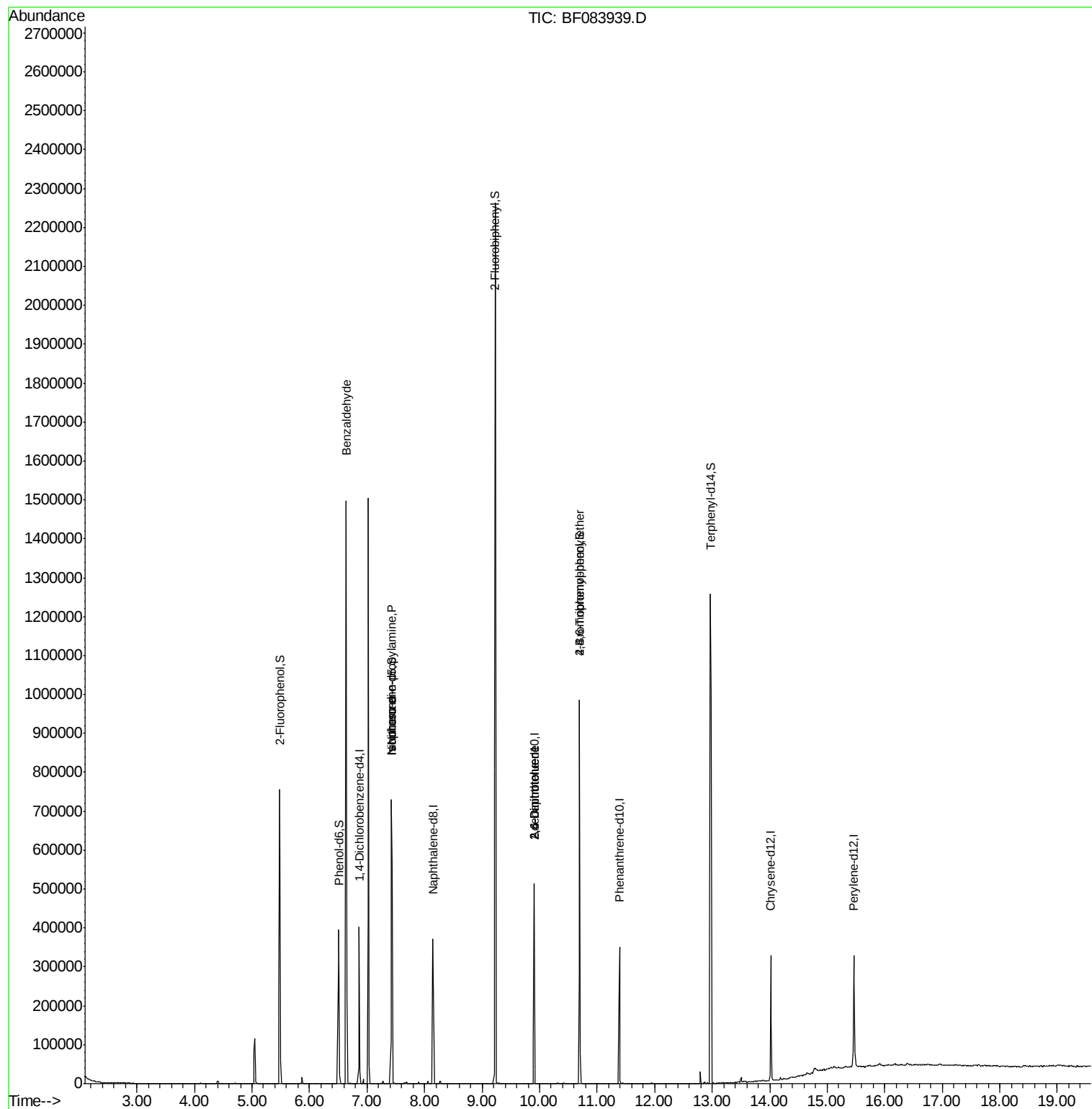
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	56537	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	202780	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	99341	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	159725	20.00	ng	0.00
75) Chrysene-d12	14.02	240	122442	20.00	ng	-0.01
86) Perylene-d12	15.46	264	145501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	220714	61.09	ng	0.00
7) Phenol-d6	6.51	99	191187	43.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	337455	94.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	111347	101.74	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	719494	105.72	ng	-0.01
78) Terphenyl-d14	12.97	244	541079	104.78	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	9280	3.48	ng	# 80
19) n-Nitroso-di-n-propylamine	7.42	70	45992	17.84	ng	# 77
25) Isophorone	7.42	82	310964	46.52	ng	# 66
31) Naphthalene	8.17	128	991	Below Cal	#	68
45) 1,1'-Biphenyl	9.23	154	1440	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.90	165	12541	6.90	ng	# 35
56) 2,4-Dinitrotoluene	9.90	165	12541	5.38	ng	# 20
57) Fluorene	10.69	166	5087	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.69	248	8203	4.20	ng	# 1
77) Pyrene	12.97	202	1914	Below Cal	#	53

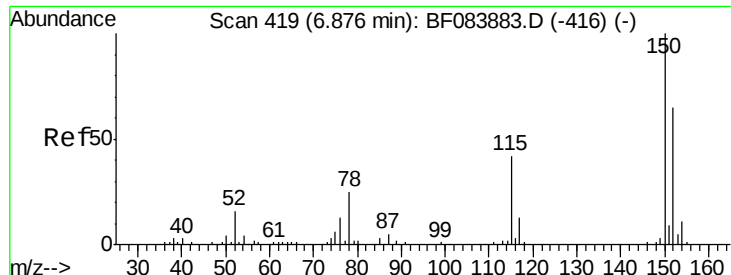
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083939.D

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Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK3-121515

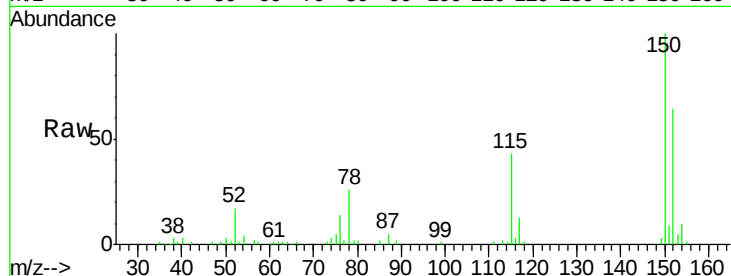
Tgt Ion:152 Resp: 56537

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

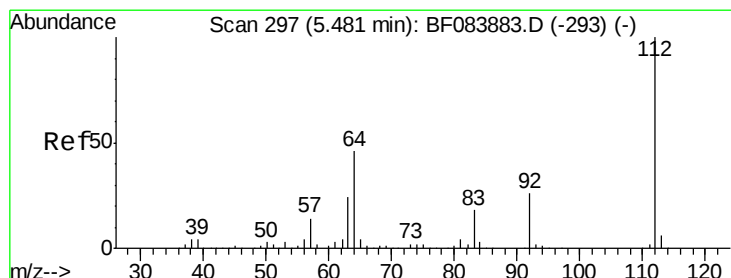
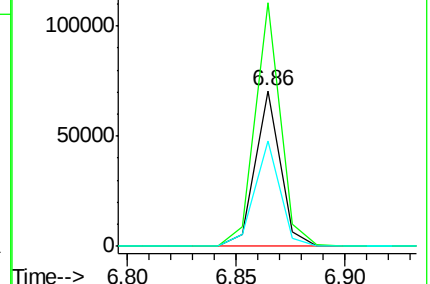
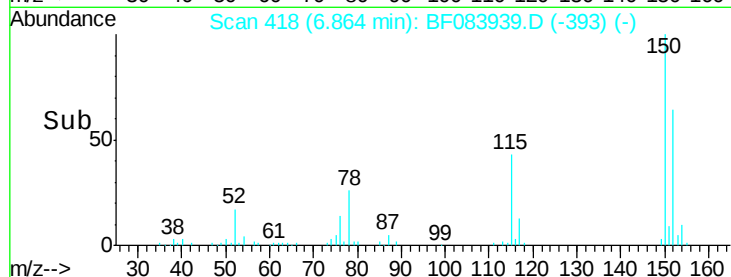
115 67.7 51.4 77.2



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: 61.09 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

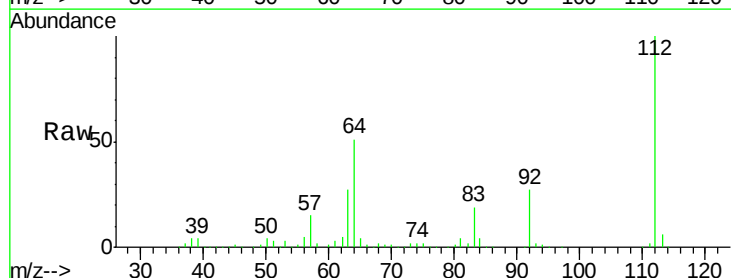
Tgt Ion:112 Resp: 220714

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

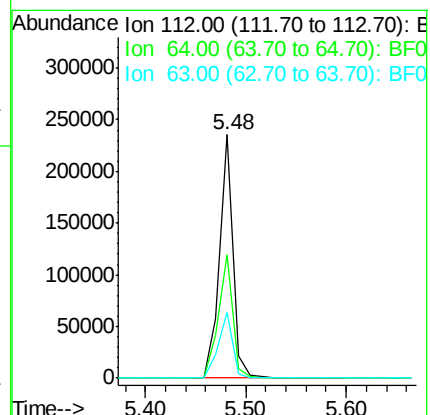
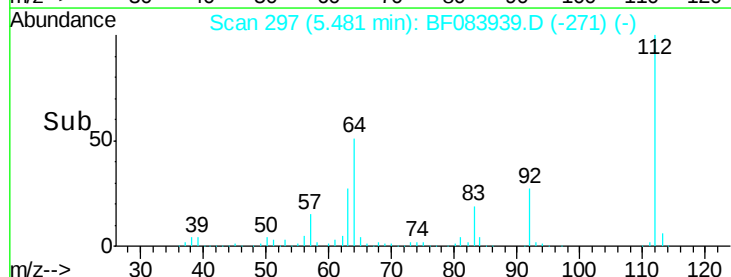
63 27.2 19.4 29.0

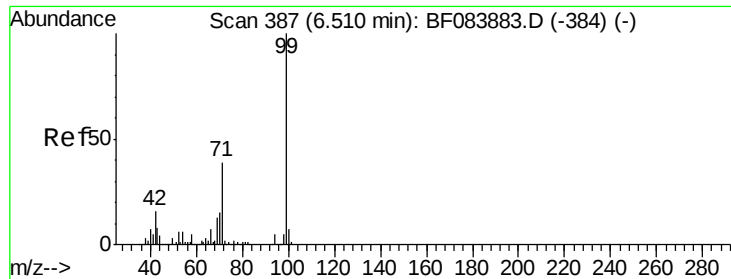


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.23 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK3-121515

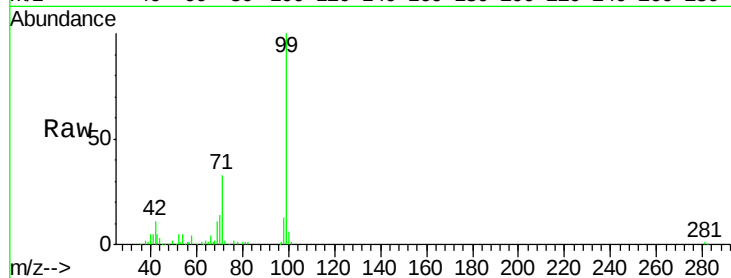
Tgt Ion: 99 Resp: 191187

Ion Ratio Lower Upper

99 100

42 11.4 12.8 19.2#

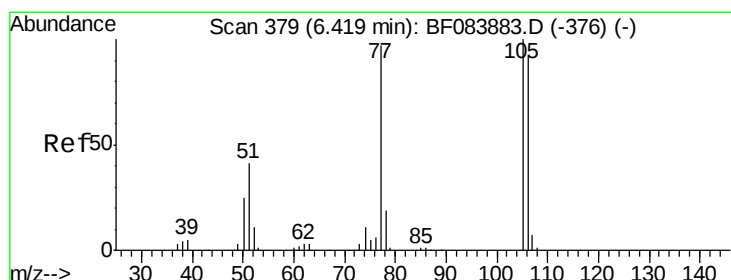
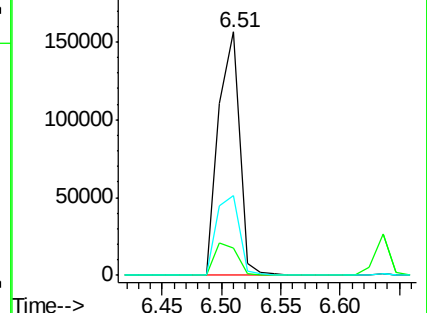
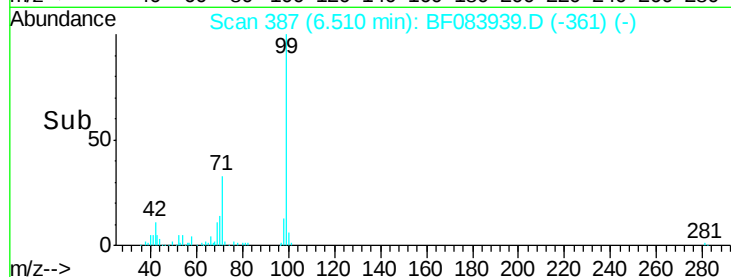
71 33.0 30.9 46.3



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: 3.48 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

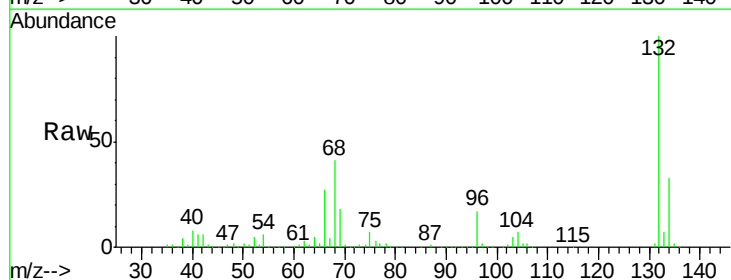
Tgt Ion: 77 Resp: 9280

Ion Ratio Lower Upper

77 100

105 78.1 83.0 123.0#

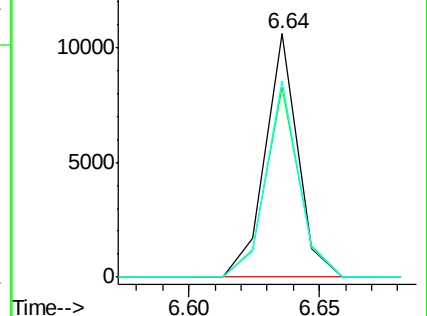
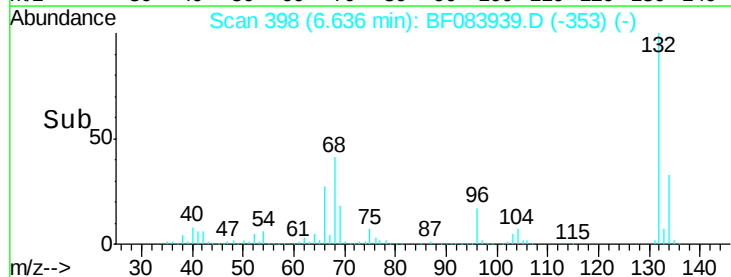
106 80.7 74.6 114.6

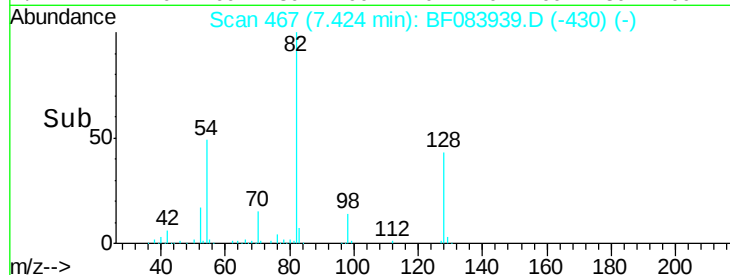
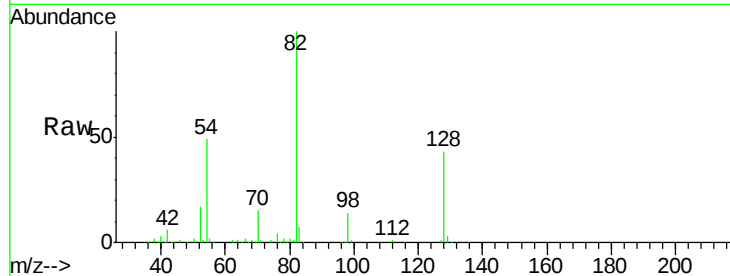
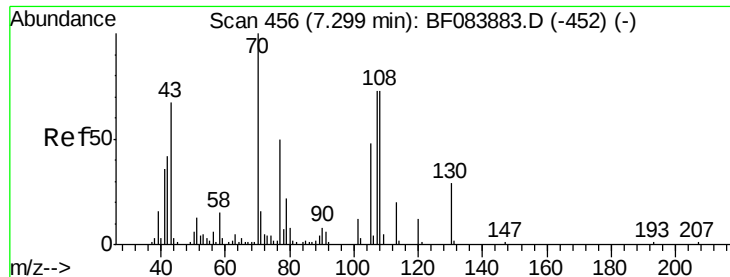


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

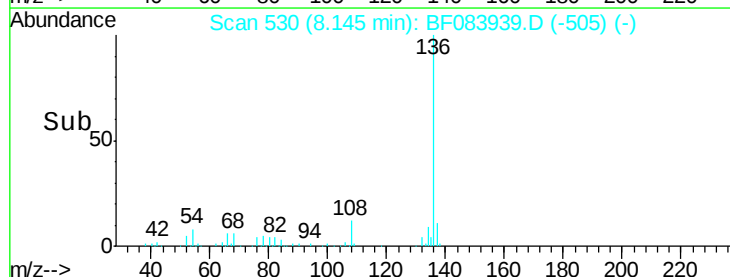
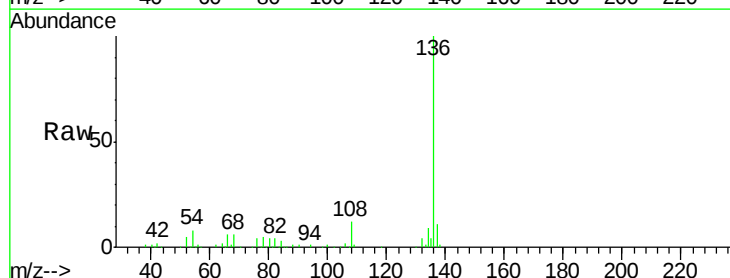
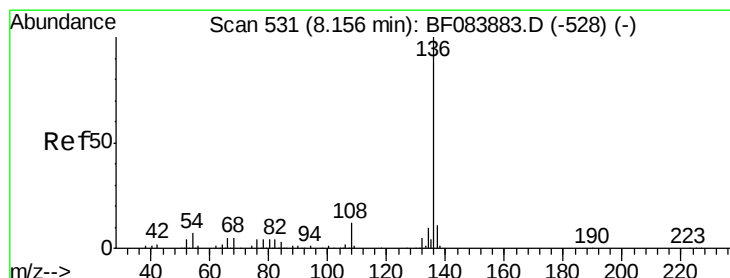
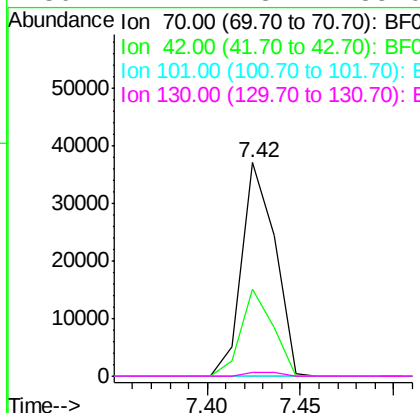




#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

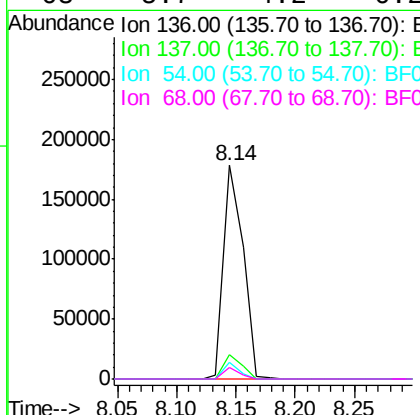
Instrument :
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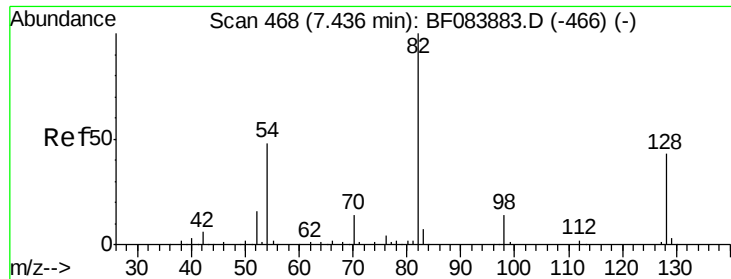
Tgt Ion: 70 Resp: 45992
Ion Ratio Lower Upper
70 100
42 40.6 33.3 49.9
101 0.0 9.3 13.9#
130 1.7 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

Tgt Ion: 136 Resp: 202780
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.6 5.8 8.8
68 5.7 4.2 6.2

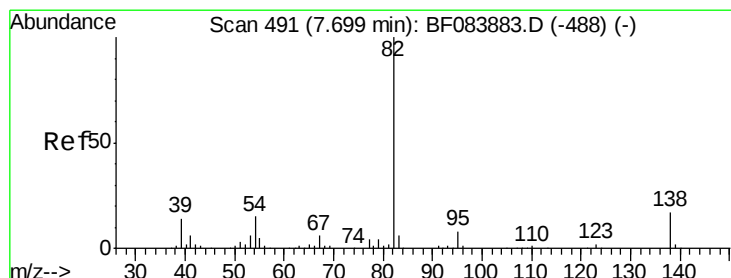
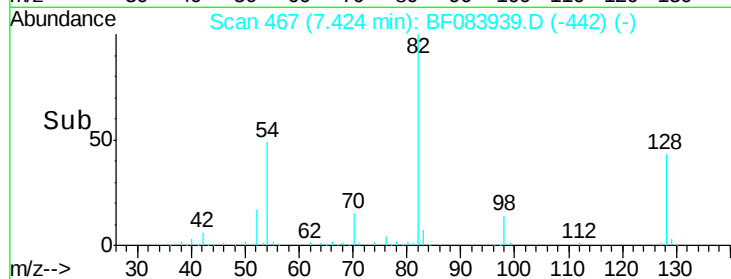
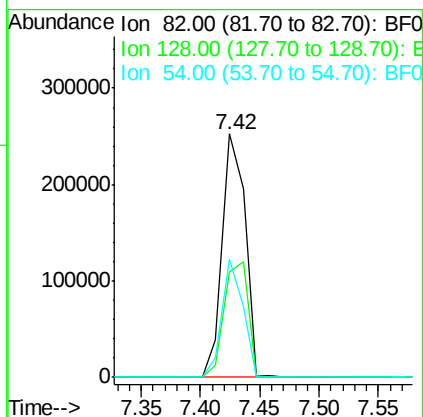
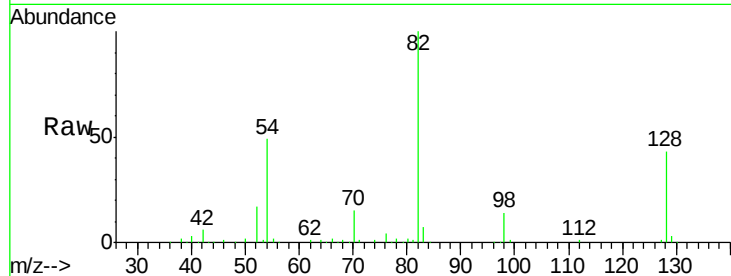




#23
 Nitrobenzene-d5
 Concen: 94.98 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

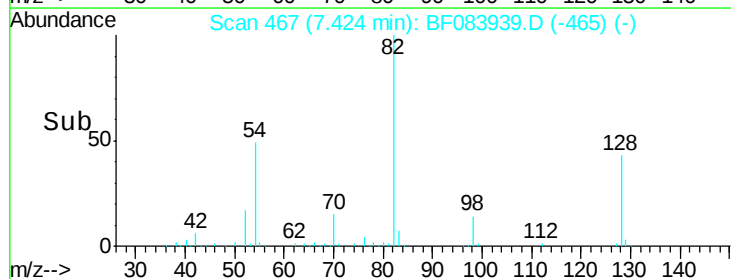
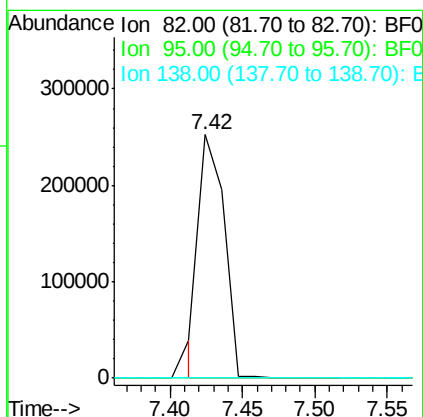
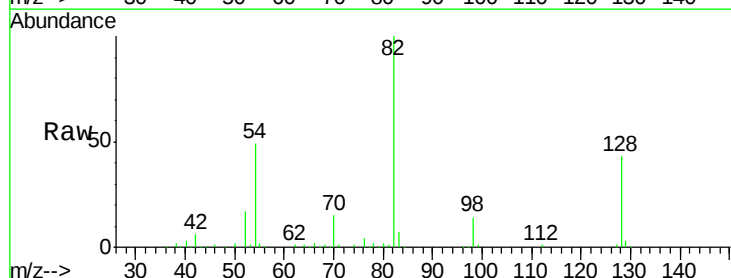
Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK3-121515

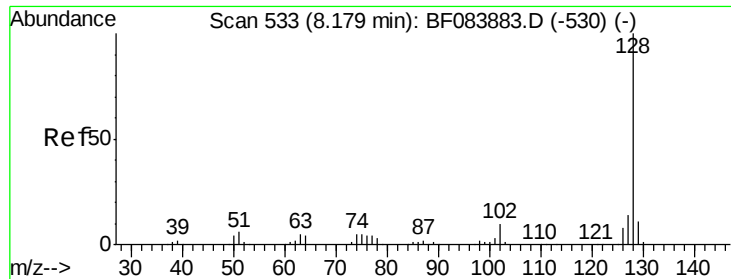
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	48.7	38.4	57.6



#25
 Isophorone
 Concen: 46.52 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.27 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

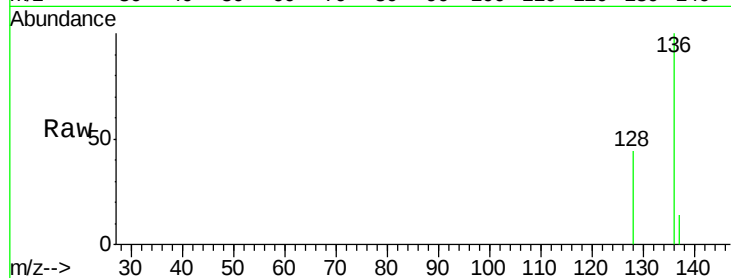




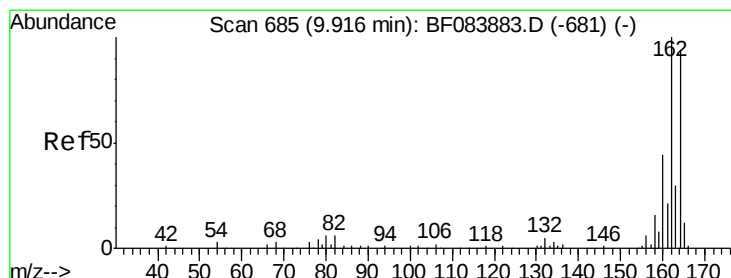
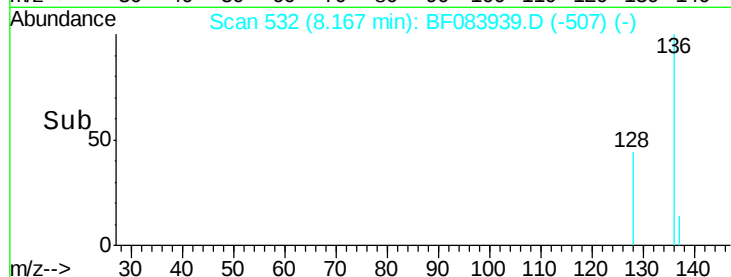
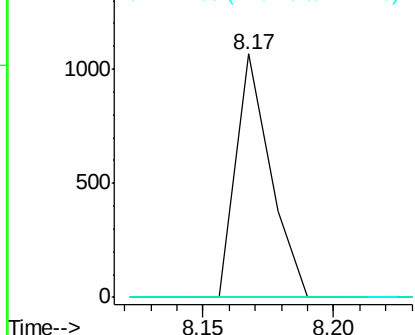
#31
Naphthalene
Concen: Below Cal
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK3-121515

Tgt Ion:128 Resp: 991
Ion Ratio Lower Upper
128 100
129 0.0 9.1 13.7#
127 0.0 11.1 16.7#

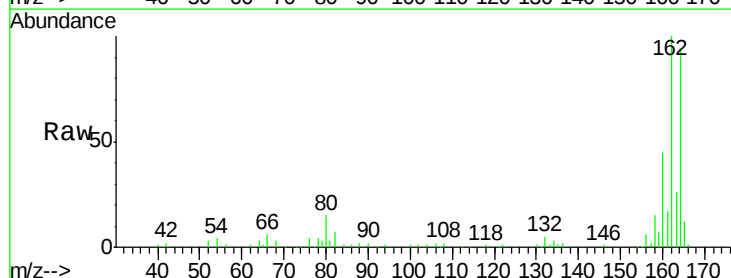


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

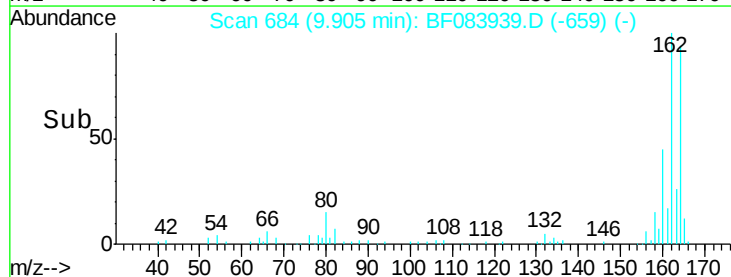
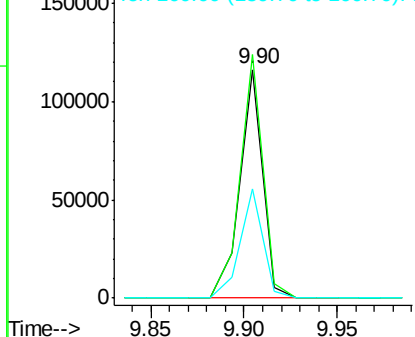


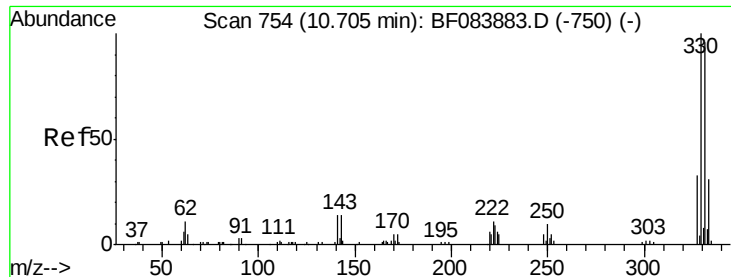
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

Tgt Ion:164 Resp: 99341
Ion Ratio Lower Upper
164 100
162 106.6 85.1 127.7
160 48.0 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

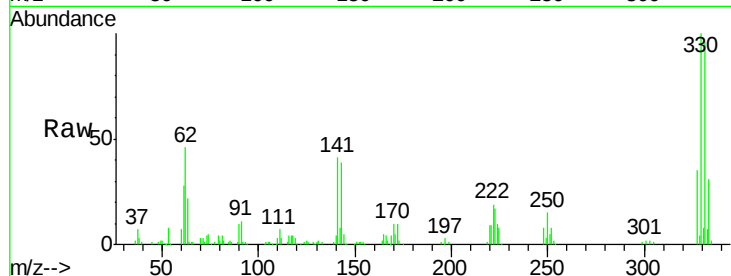




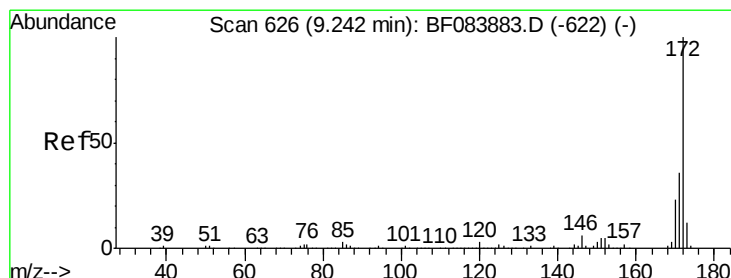
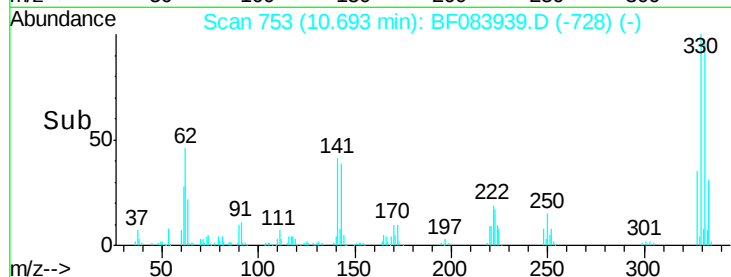
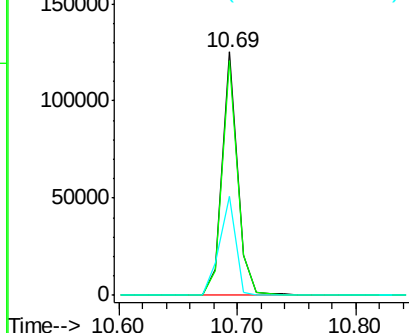
#41
 2,4,6-Tribromophenol
 Concen: 101.74 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

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Tgt Ion:330 Resp: 111347
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 43.1 27.8 41.6#

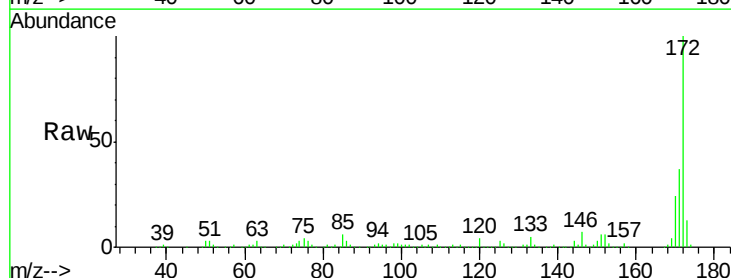


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

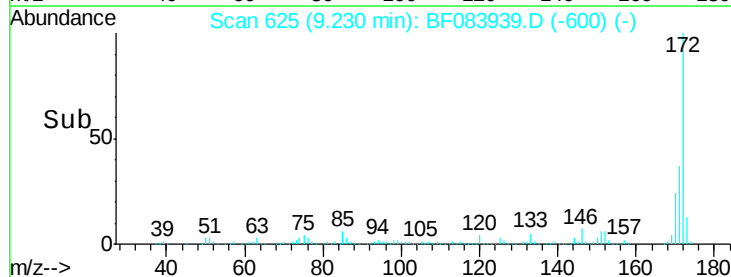
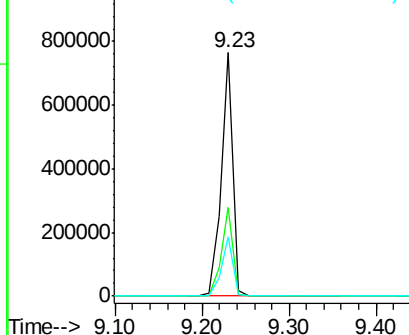


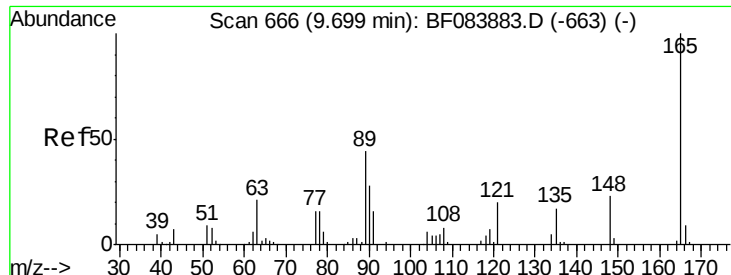
#44
 2-Fluorobiphenyl
 Concen: 105.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Tgt Ion:172 Resp: 719494
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.4 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

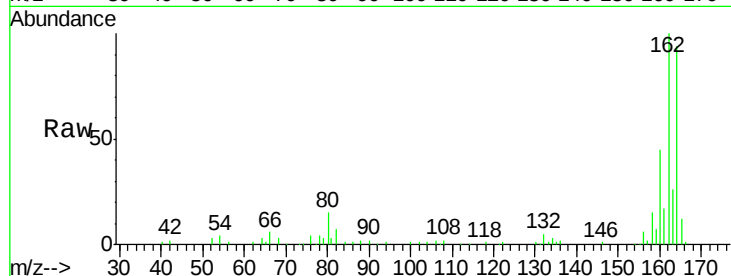




#50
 2,6-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.21 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Instrument :
 BNA_F
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 JAMAICA-FIELDBLANK3-121515

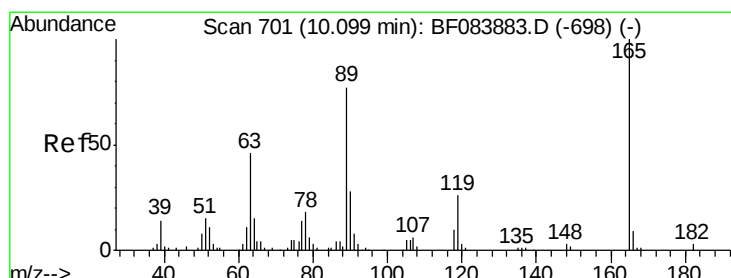
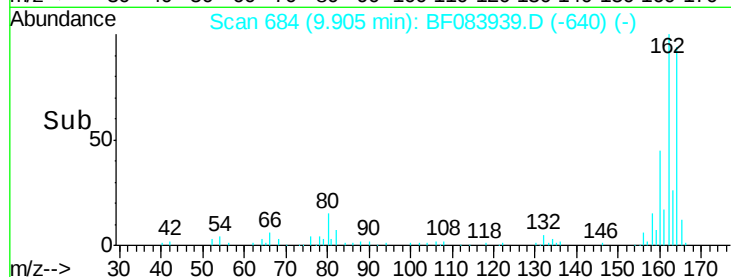
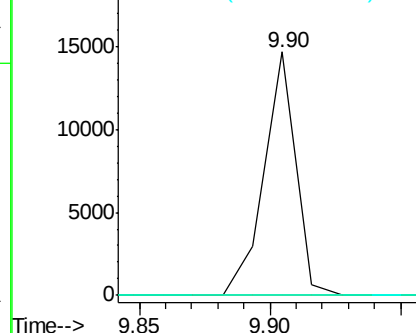
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



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: 5.38 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.19 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

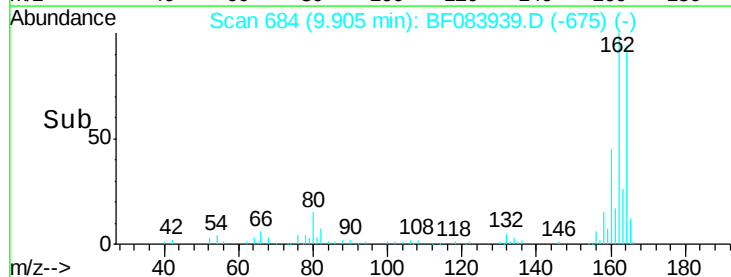
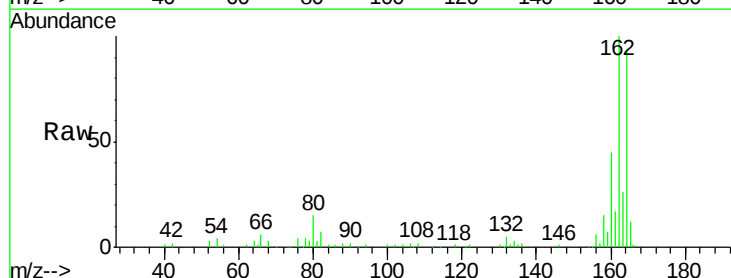
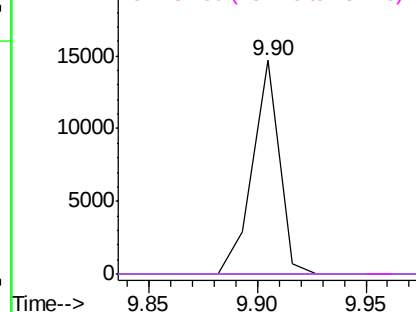
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

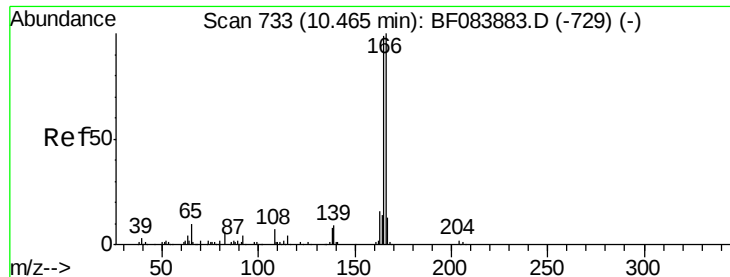
Abundance Ion 165.00 (164.70 to 165.70): E

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

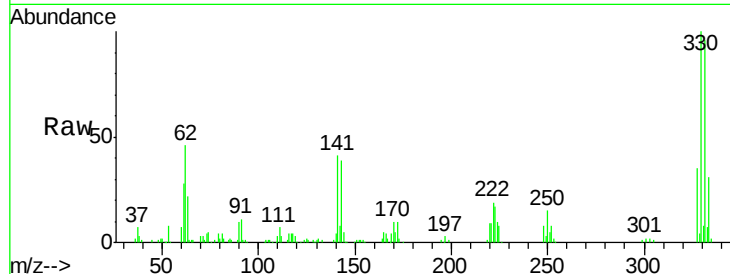




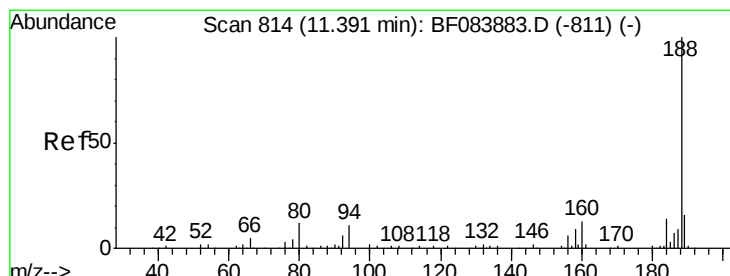
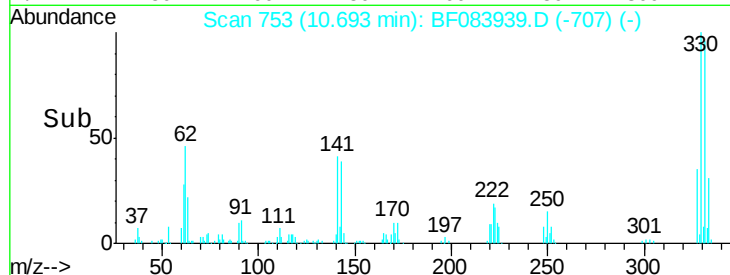
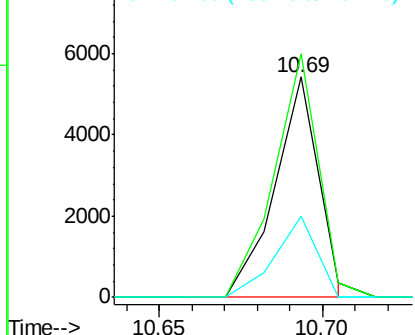
#57
Fluorene
 Concen: Below Cal
 RT: 10.69 min Scan# 753
 Delta R.T. 0.23 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK3-121515

Tgt Ion:166 Resp: 5087
 Ion Ratio Lower Upper
 166 100
 165 110.4 79.1 118.7
 167 36.9 10.4 15.6#

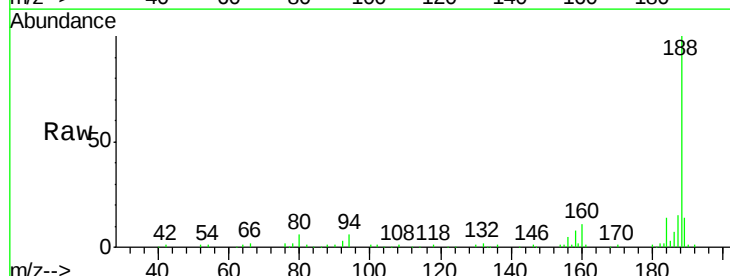


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

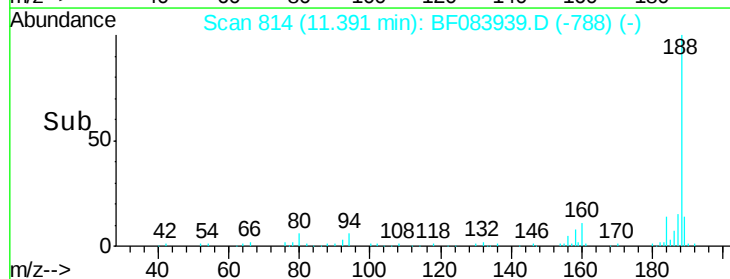
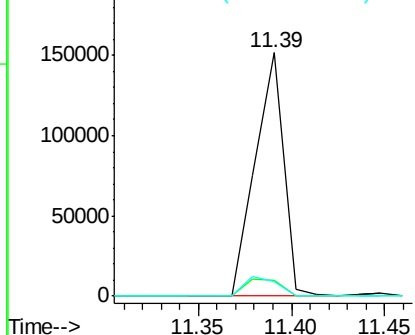


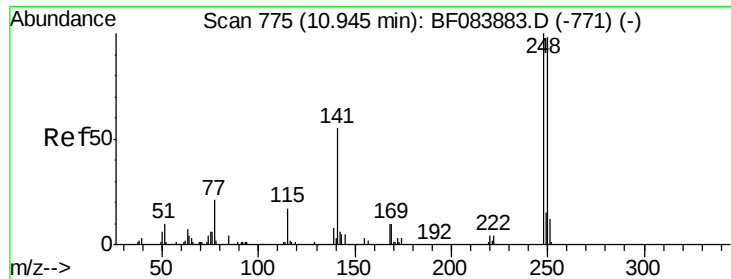
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Tgt Ion:188 Resp: 159725
 Ion Ratio Lower Upper
 188 100
 94 6.4 9.0 13.4#
 80 6.1 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

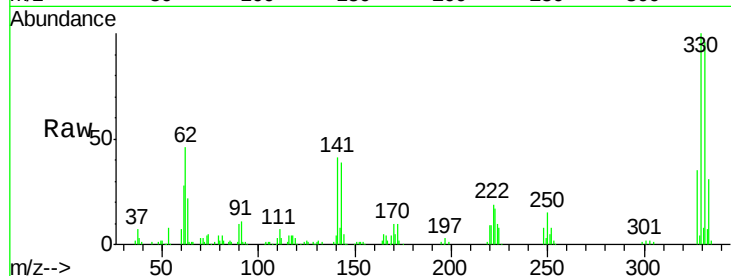




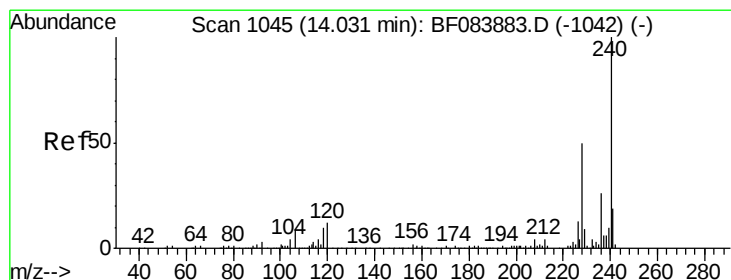
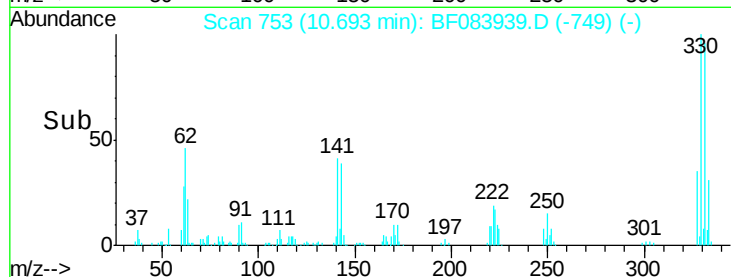
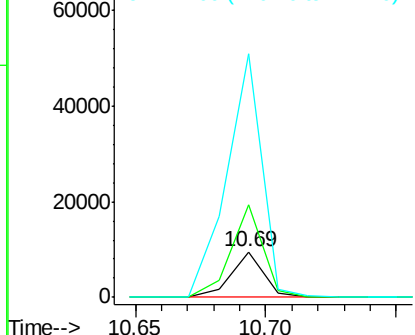
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK3-121515

Tgt Ion:248 Resp: 8203
Ion Ratio Lower Upper
248 100
250 203.4 78.4 117.6#
141 537.7 44.0 66.0#

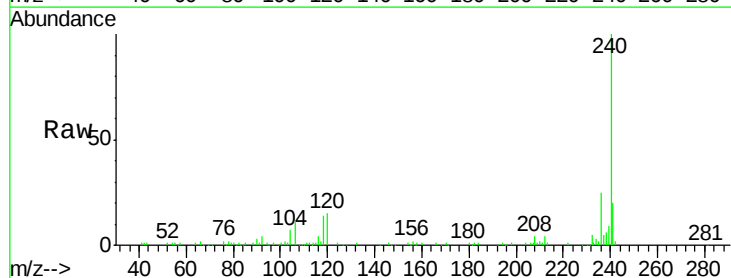


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

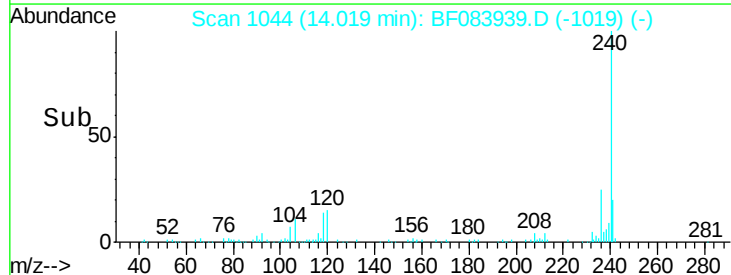
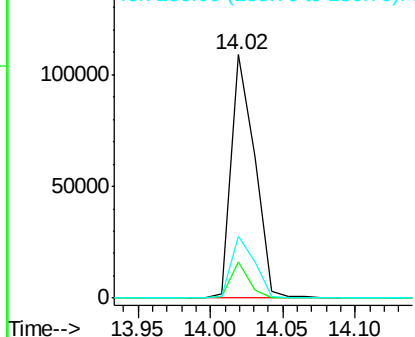


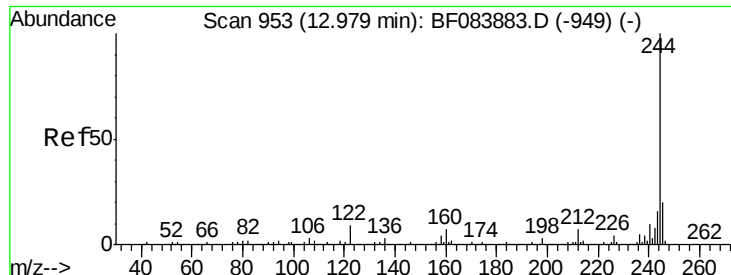
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

Tgt Ion:240 Resp: 122442
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.4 20.6 31.0



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: 104.78 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK3-121515

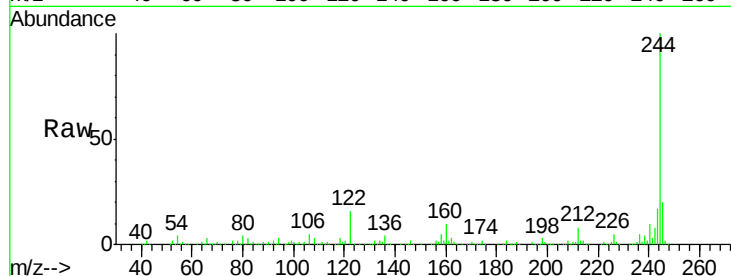
Tgt Ion:244 Resp: 541079

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

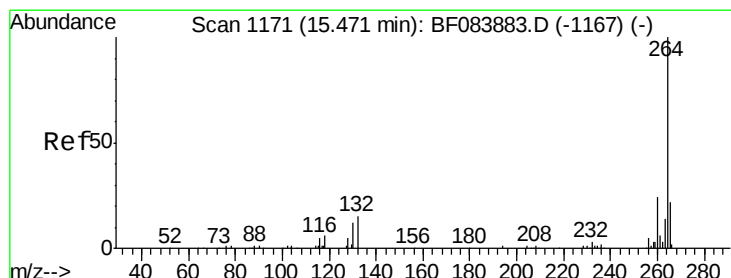
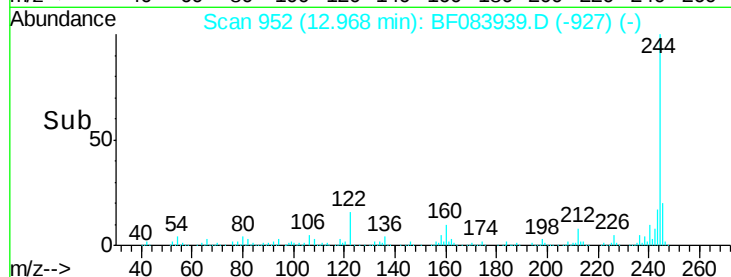
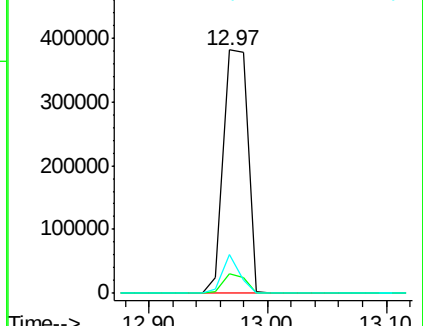
122 15.7 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

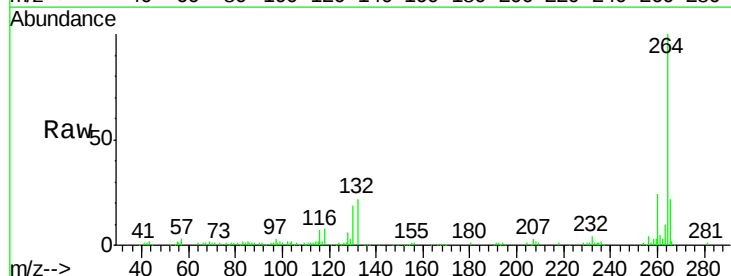
Tgt Ion:264 Resp: 145501

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.5 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

