

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083793.D
 Acq On : 15 Dec 2015 2:36
 Operator : UM/IZ
 Sample : G4779-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK2-121015

Quant Time: Dec 15 03:20:06 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

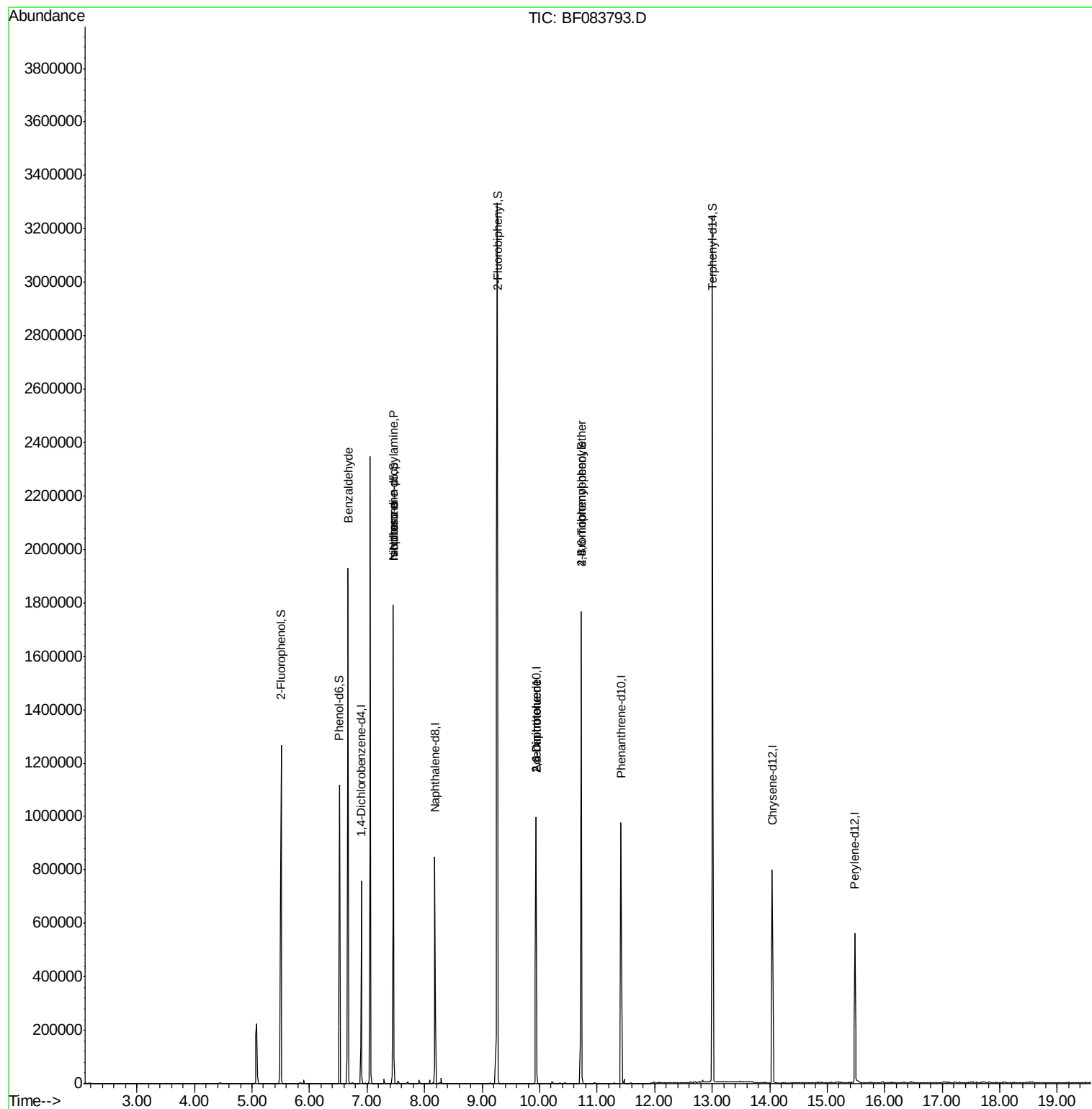
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110219	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	406213	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	215299	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	376840	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	323121	20.00	ng	-0.03
86) Perylene-d12	15.48	264	248258	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	438214	64.14	ng	-0.02
7) Phenol-d6	6.52	99	359192	41.52	ng	-0.02
23) Nitrobenzene-d5	7.46	82	610418	84.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	316825	144.41	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1243295	84.43	ng	-0.02
78) Terphenyl-d14	13.00	244	1170751	77.94	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	16175	3.48	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.46	70	81722	15.43	ng	# 72
25) Isophorone	7.46	82	603060	42.33	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	27307	7.67	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	27309	5.87	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	20400	4.84	ng	# 1

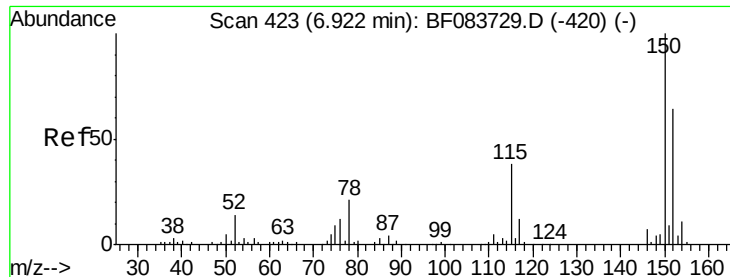
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083793.D

Acq: 15 Dec 2015 2:36

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK2-121015

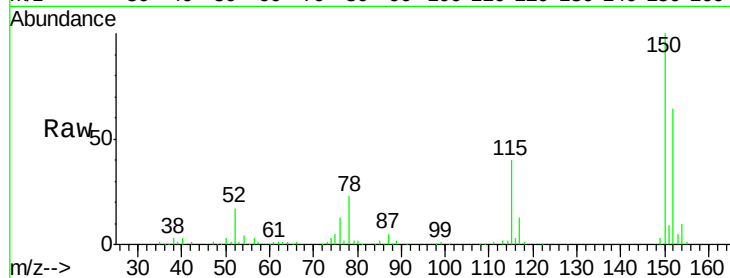
Tgt Ion:152 Resp: 110219

Ion Ratio Lower Upper

152 100

150 156.4 126.5 189.7

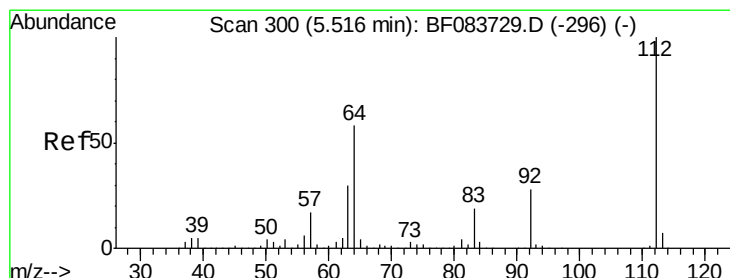
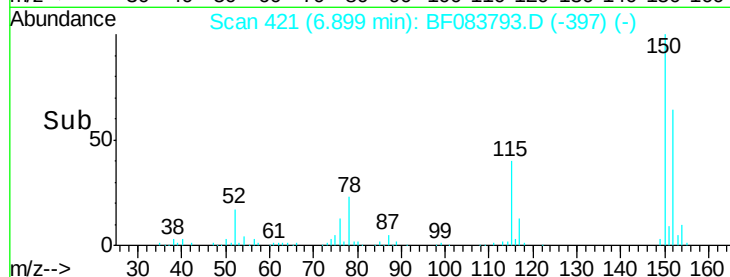
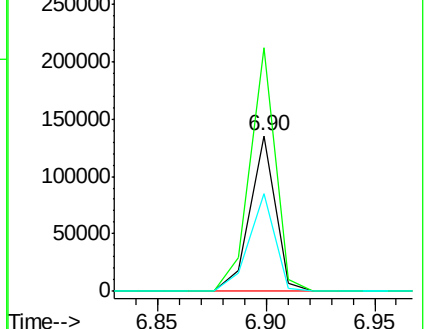
115 62.5 52.3 78.5



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: 64.14 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083793.D

Acq: 15 Dec 2015 2:36

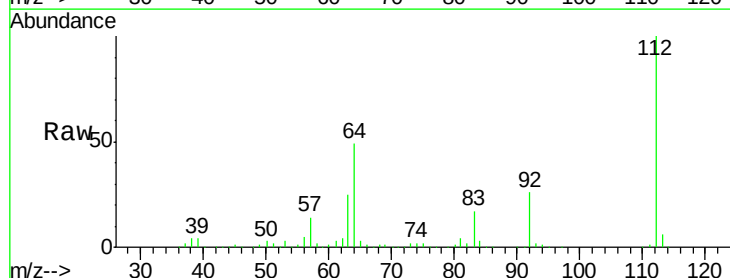
Tgt Ion:112 Resp: 438214

Ion Ratio Lower Upper

112 100

64 48.6 50.5 75.7#

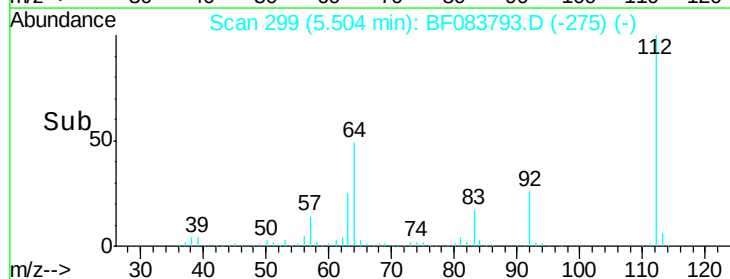
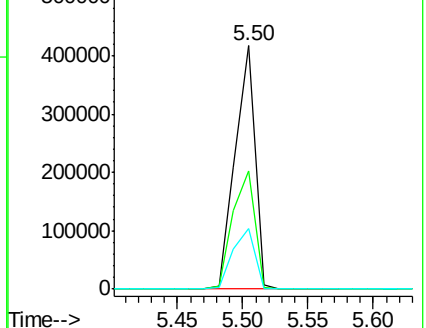
63 24.9 25.8 38.6#

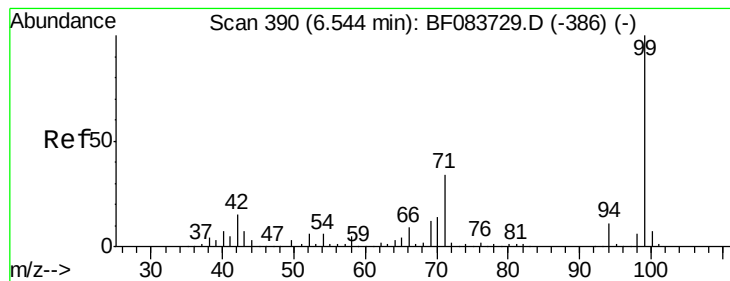


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.52 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083793.D

Acq: 15 Dec 2015 2:36

Instrument :

BNA_F

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JAMAICA-FIELDBLANK2-121015

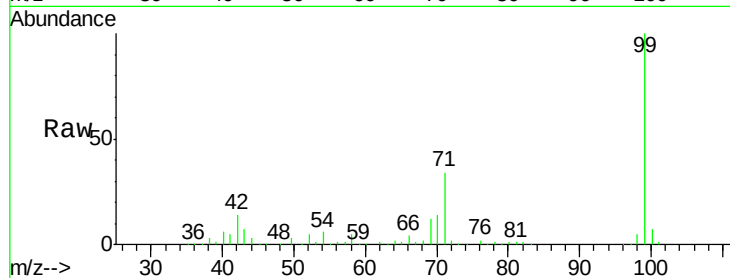
Tgt Ion: 99 Resp: 359192

Ion Ratio Lower Upper

99 100

42 14.4 17.3 25.9#

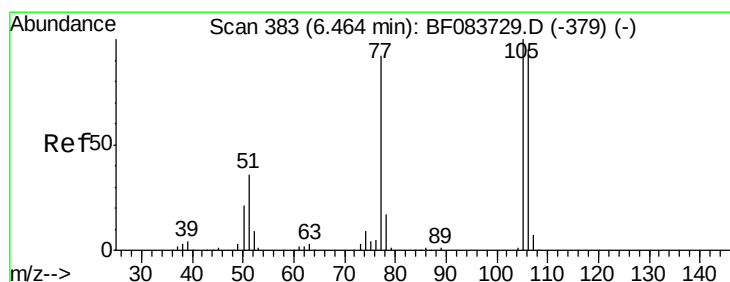
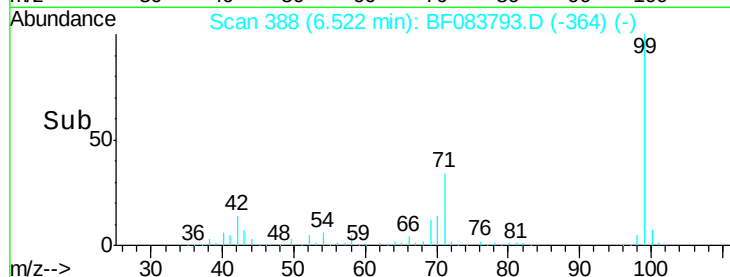
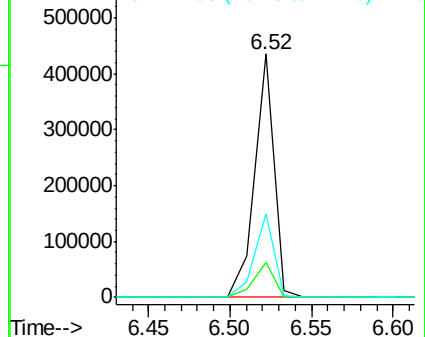
71 34.1 26.6 40.0



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: 3.48 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083793.D

Acq: 15 Dec 2015 2:36

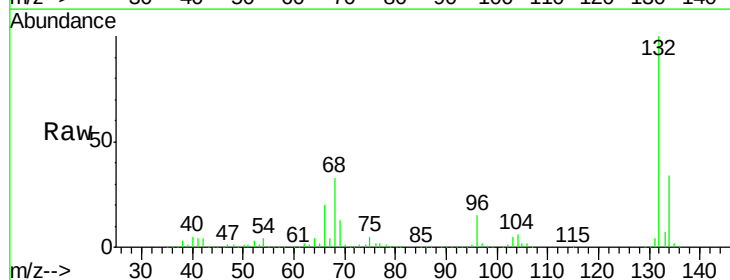
Tgt Ion: 77 Resp: 16175

Ion Ratio Lower Upper

77 100

105 91.1 71.8 111.8

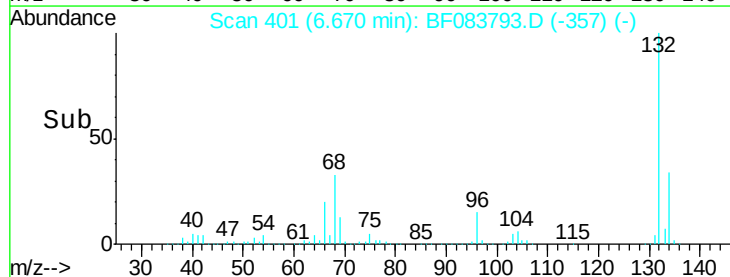
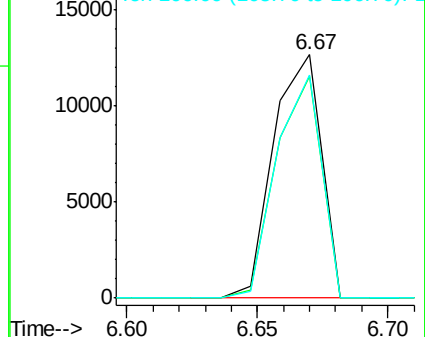
106 91.9 66.8 106.8

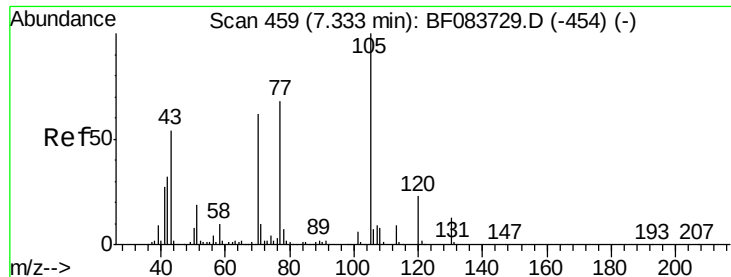


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

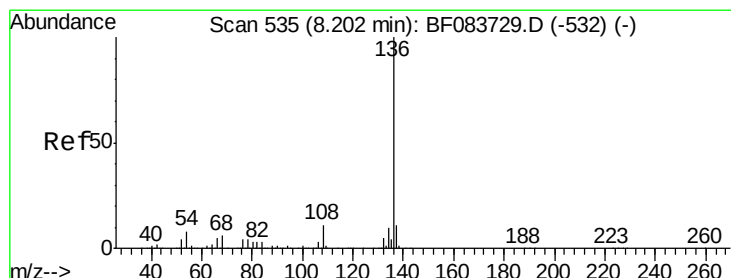
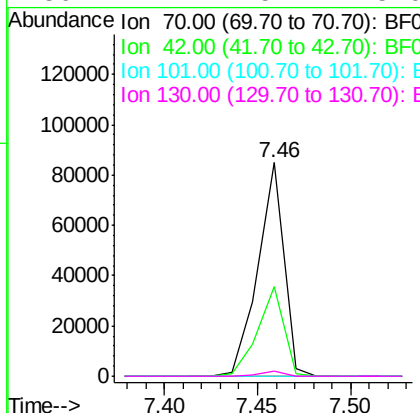
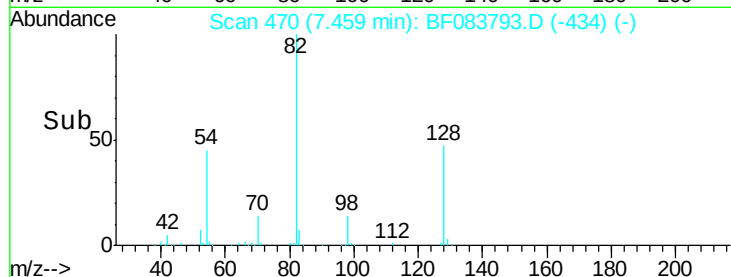
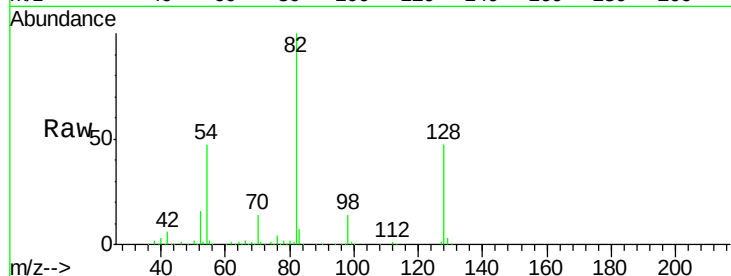




#19
n-Nitroso-di-n-propylamine
Concen: 15.43 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

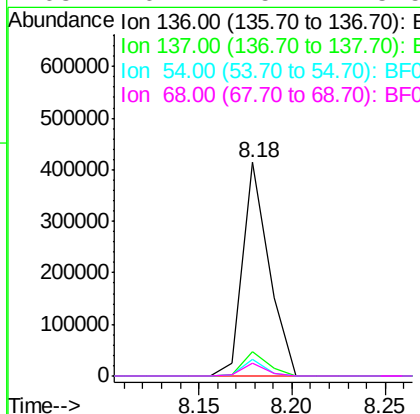
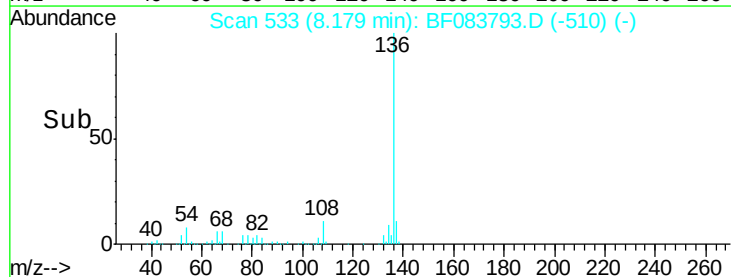
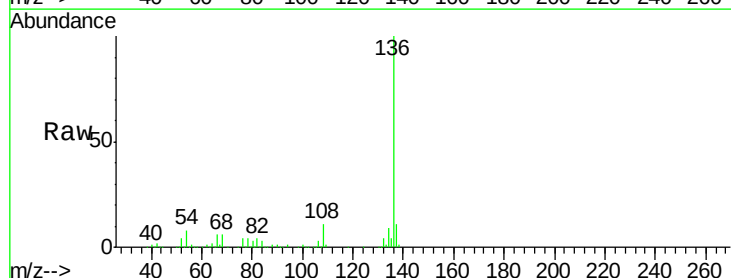
Instrument :
BNA_F
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JAMAICA-FIELDBLANK2-121015

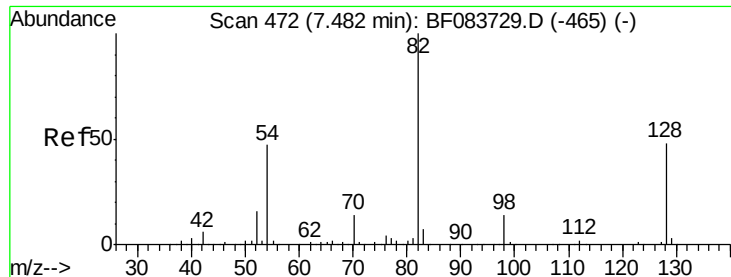
Tgt Ion: 70 Resp: 81722
Ion Ratio Lower Upper
70 100
42 41.7 49.2 73.8#
101 0.0 7.1 10.7#
130 2.4 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion: 136 Resp: 406213
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.1 7.8 11.6
68 6.2 5.7 8.5

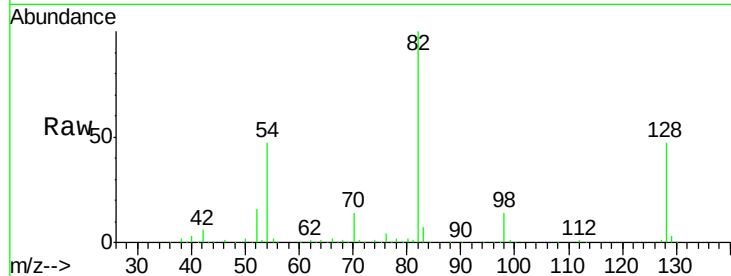




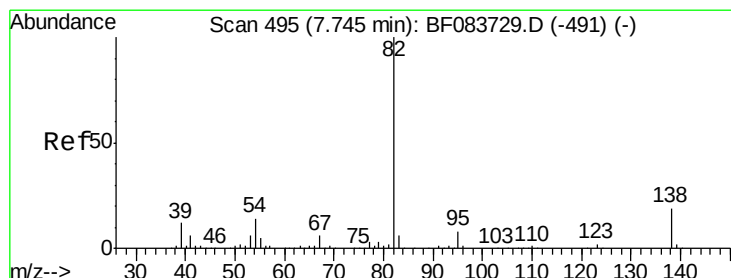
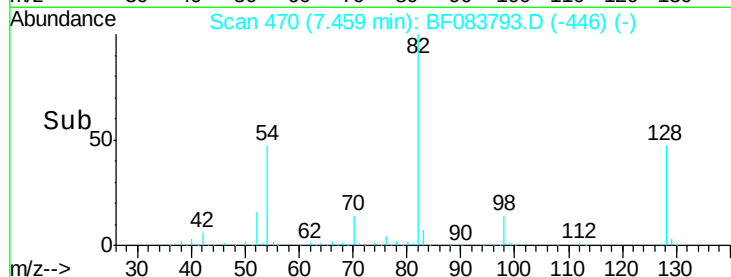
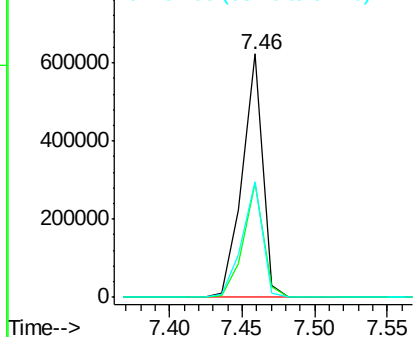
#23
Nitrobenzene-d5
Concen: 84.07 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion: 82 Resp: 610418
Ion Ratio Lower Upper
82 100
128 46.8 30.7 46.1#
54 47.4 42.5 63.7

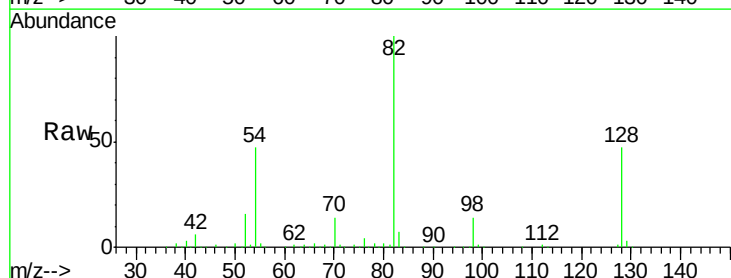


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

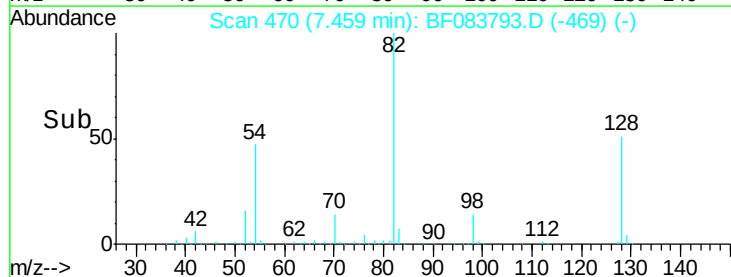
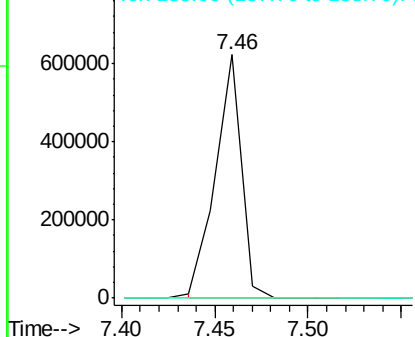


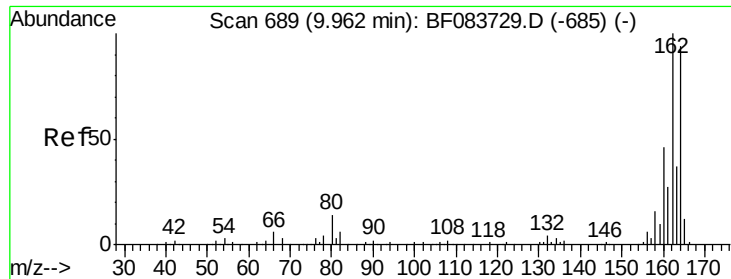
#25
Isophorone
Concen: 42.33 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion: 82 Resp: 603060
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

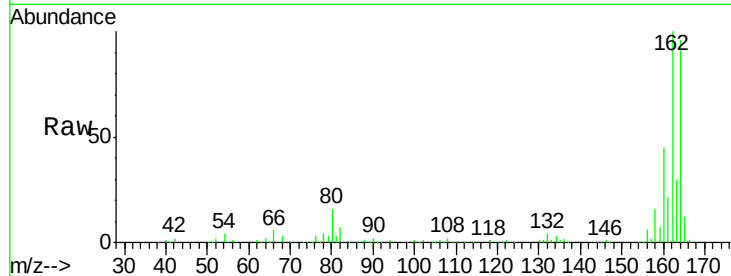




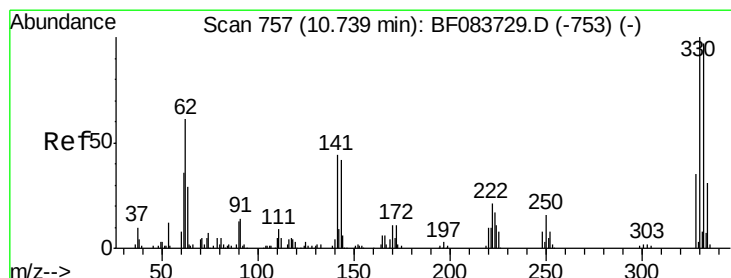
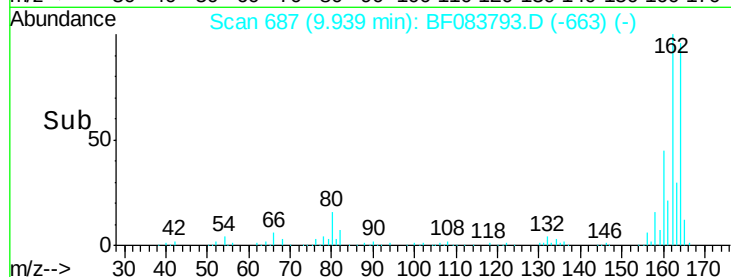
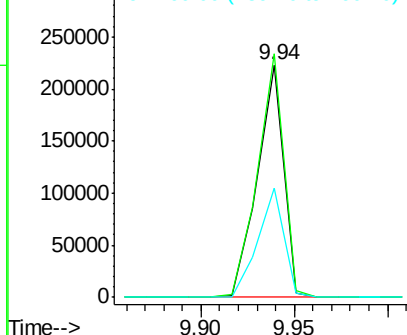
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Instrument :
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Tgt Ion:164 Resp: 215299
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 47.1 33.4 50.2

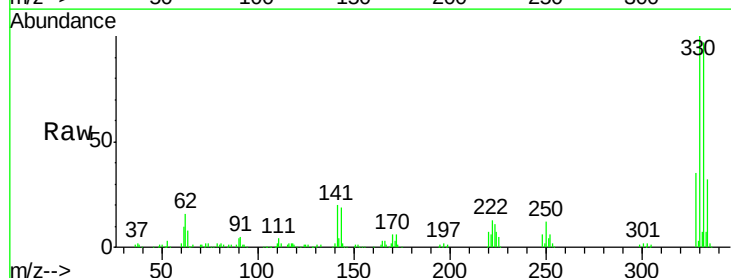


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

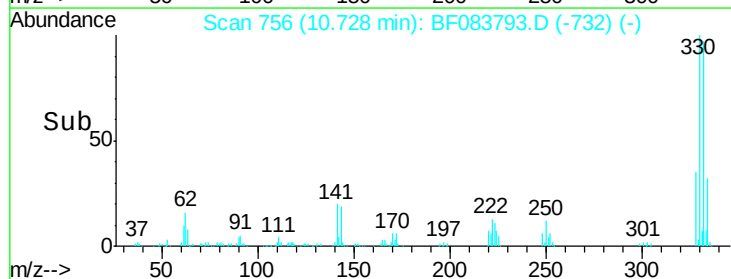
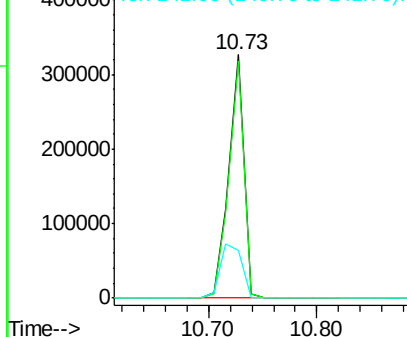


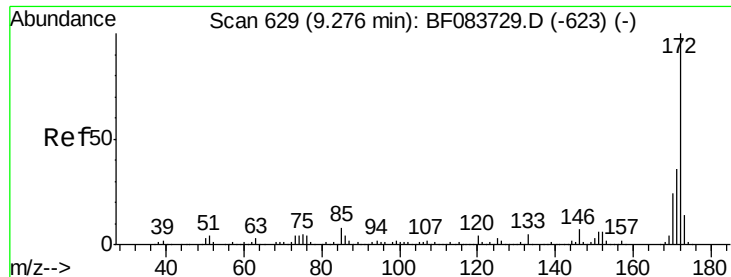
#41
 2,4,6-Tribromophenol
 Concen: 144.41 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Tgt Ion:330 Resp: 316825
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 31.8 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

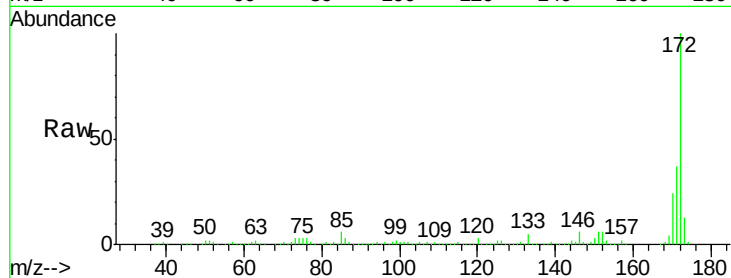




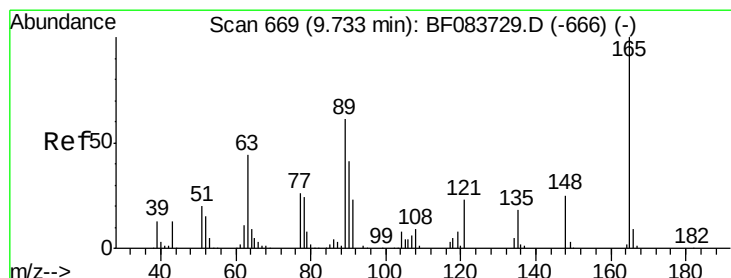
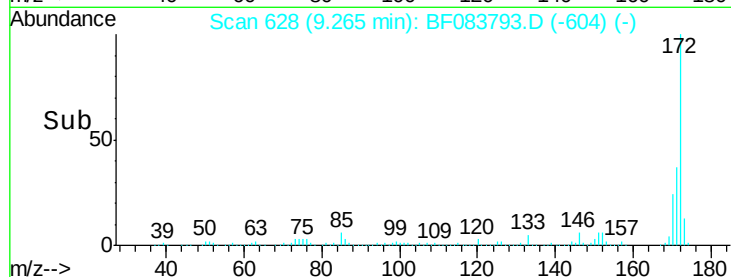
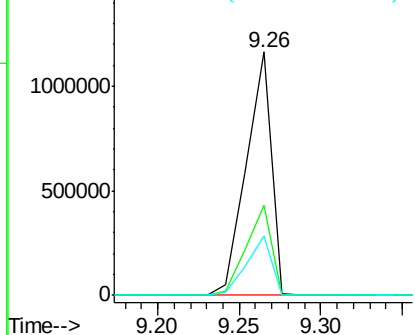
#44
 2-Fluorobiphenyl
 Concen: 84.43 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK2-121015

Tgt Ion:172 Resp: 1243295
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.4 19.4 29.0

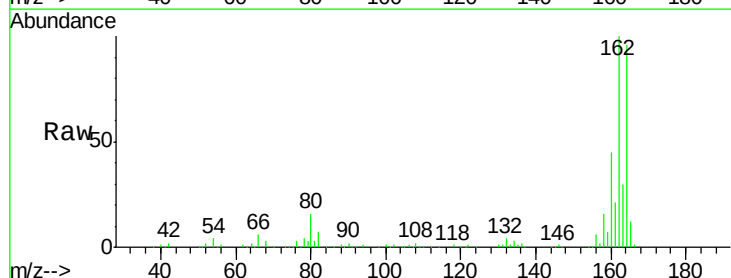


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

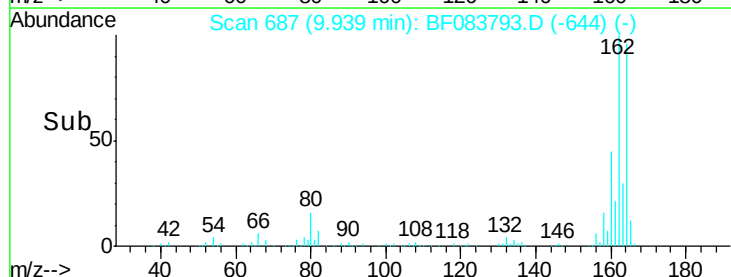
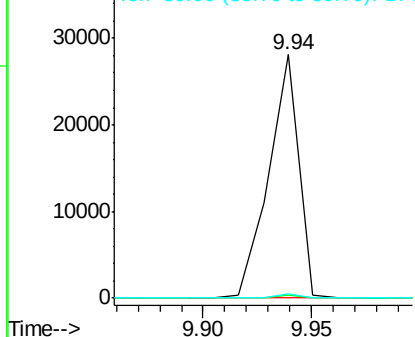


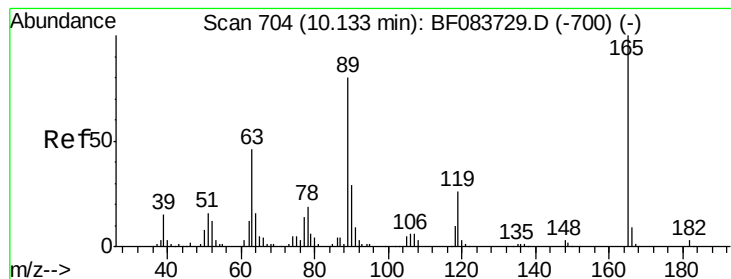
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Tgt Ion:165 Resp: 27307
 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: 5.87 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083793.D

Acq: 15 Dec 2015 2:36

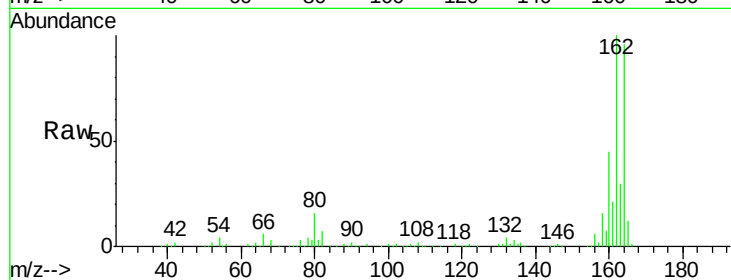
Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK2-121015

Tgt Ion:	165	Resp:	27309
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#

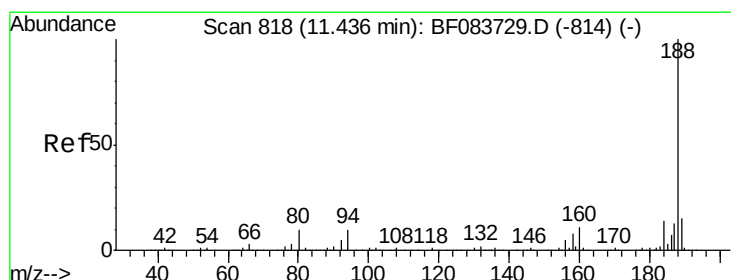
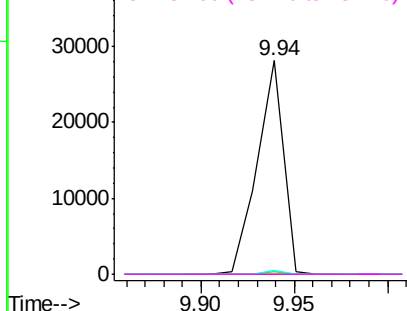
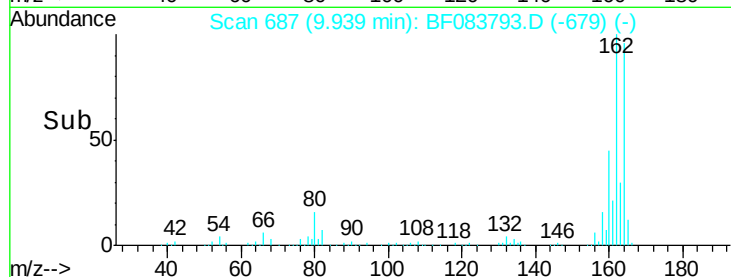


Abundance Ion 165.00 (164.70 to 165.70): E

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

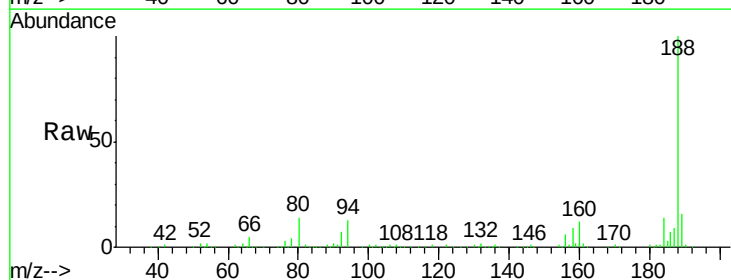
RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083793.D

Acq: 15 Dec 2015 2:36

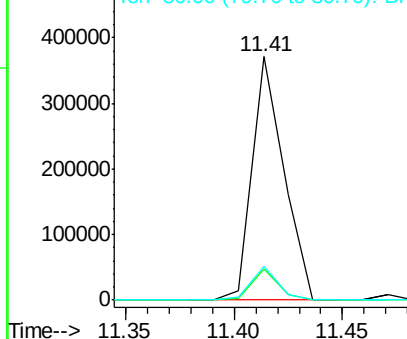
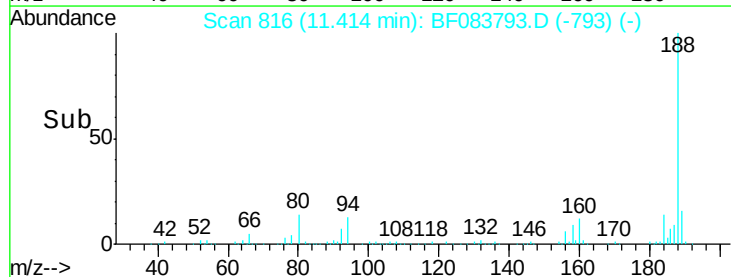
Tgt Ion:	188	Resp:	376840
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.4	14.2
80	14.0	10.6	16.0

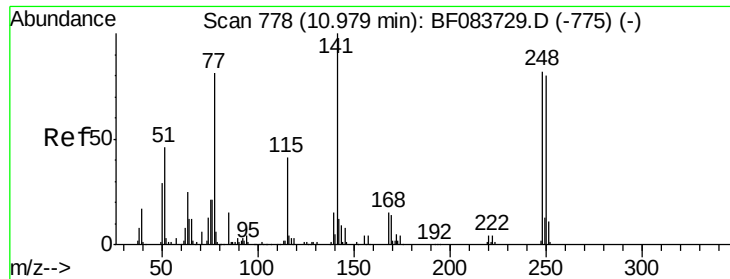


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

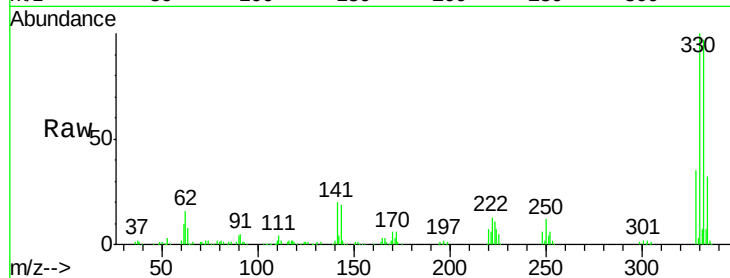




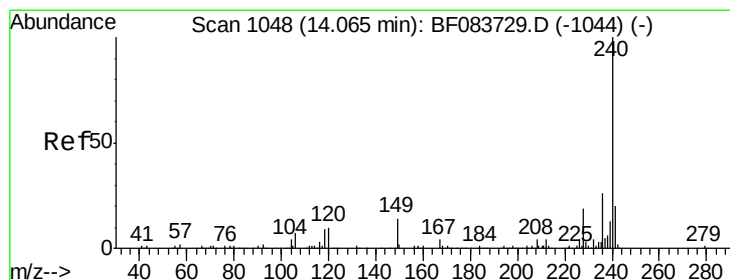
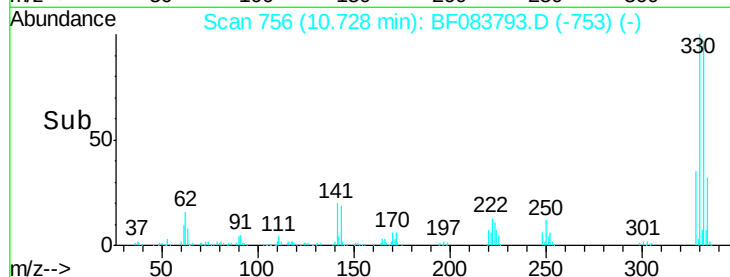
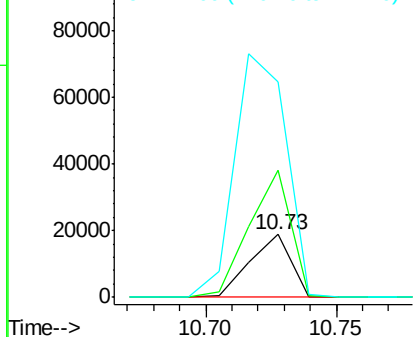
#66
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK2-121015

Tgt Ion:248 Resp: 20400
 Ion Ratio Lower Upper
 248 100
 250 202.3 79.2 118.8#
 141 344.1 58.2 87.4#

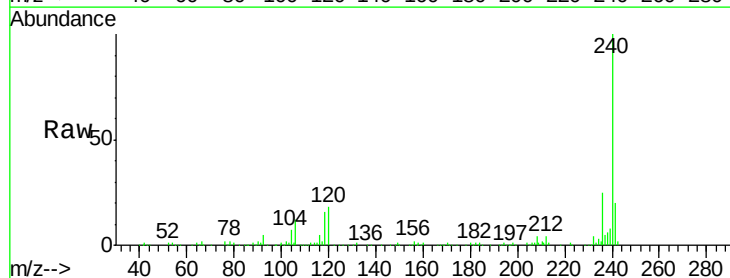


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

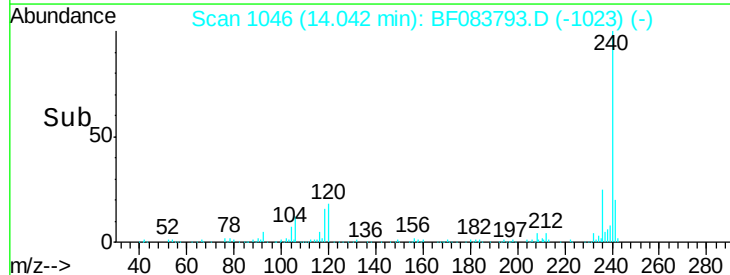
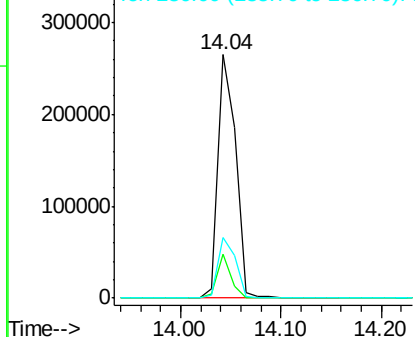


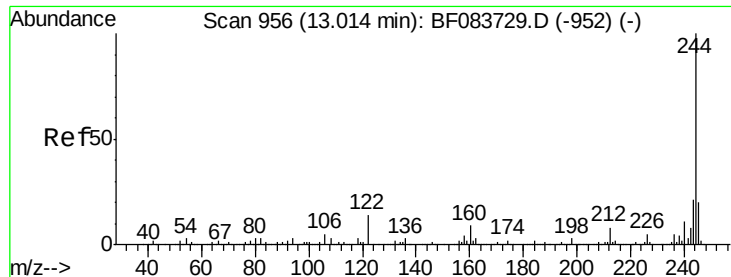
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Tgt Ion:240 Resp: 323121
 Ion Ratio Lower Upper
 240 100
 120 17.8 8.1 12.1#
 236 24.9 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

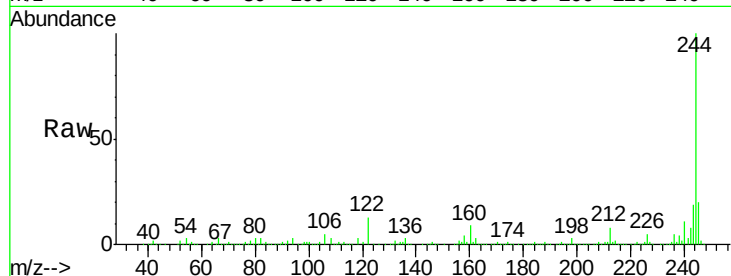




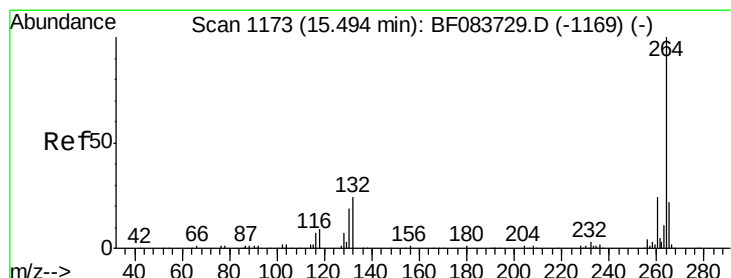
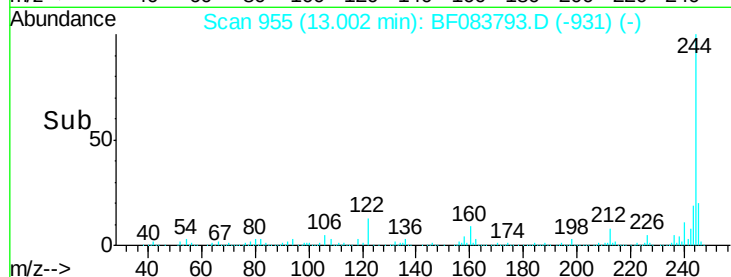
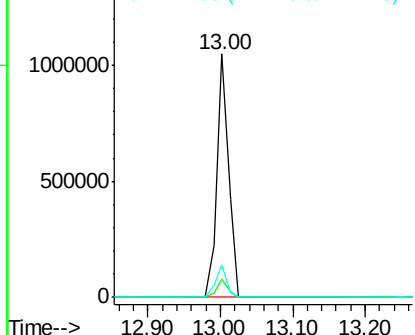
#78
 Terphenyl-d14
 Concen: 77.94 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK2-121015

Tgt Ion:244 Resp: 1170751
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.2 11.0 16.6

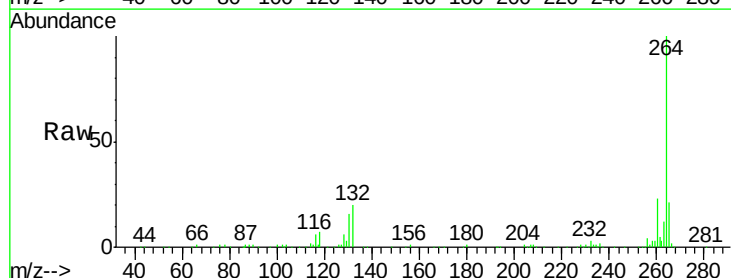


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083793.D
 Acq: 15 Dec 2015 2:36

Tgt Ion:264 Resp: 248258
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.4 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

