

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092330.D
 Acq On : 17 Jan 2017 21:55
 Operator : UM/SJ
 Sample : I1242-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICAFB-3-11317

Quant Time: Jan 18 00:00:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

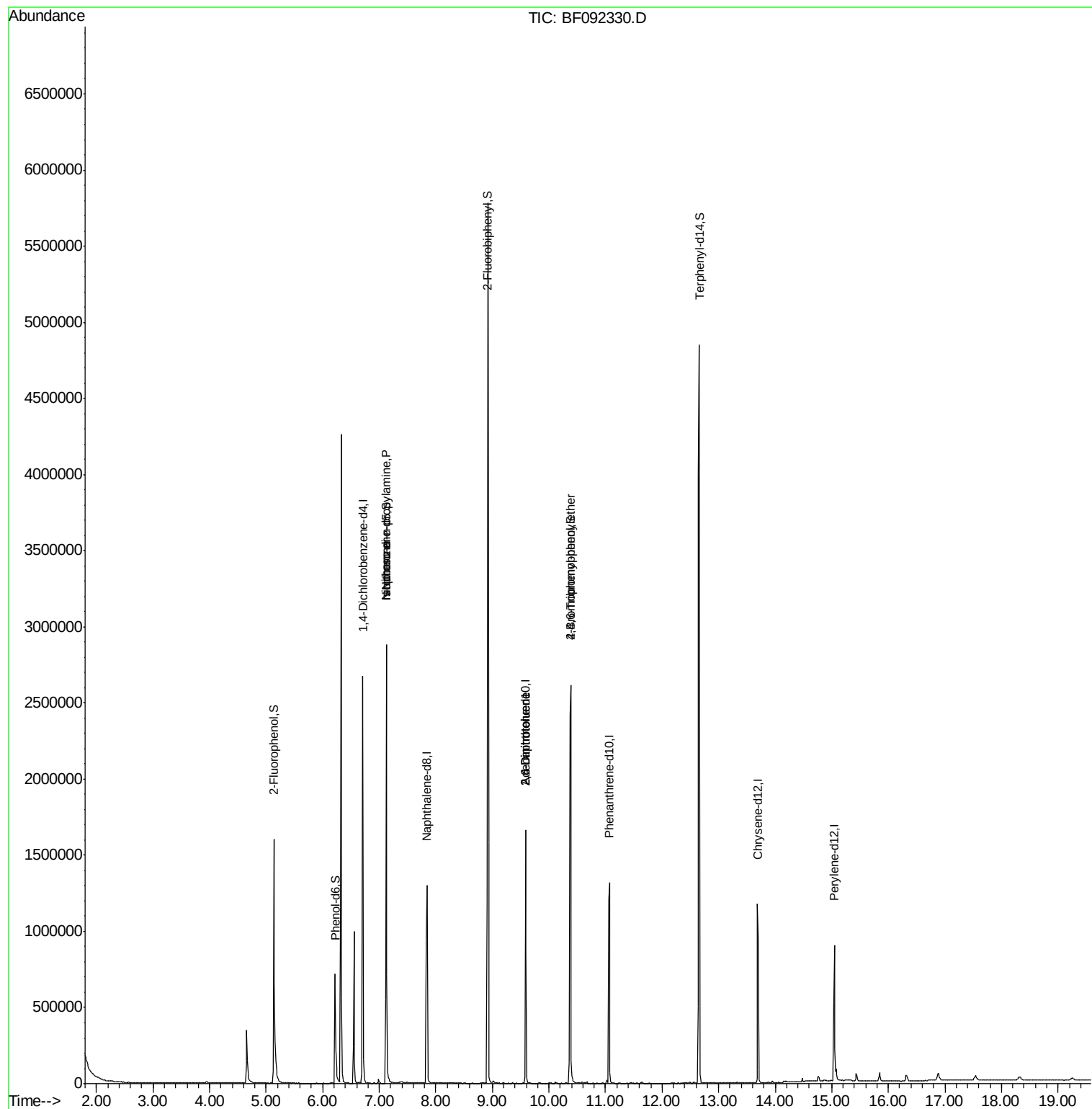
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	633854	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	834823	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	432450	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	729439	20.00	ng	-0.09
75) Chrysene-d12	13.69	240	580438	20.00	ng	-0.10
86) Perylene-d12	15.05	264	431392	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	624628	16.45	ng	-0.10
7) Phenol-d6	6.22	99	467536	10.09	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1062445	70.77	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	508184	142.00	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	2021332	97.70	ng	-0.09
78) Terphenyl-d14	12.66	244	2183070	91.22	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	139230	4.52	ng	# 77
25) Isophorone	7.12	82	929760	33.57	ng	# 65
50) 2,6-Dinitrotoluene	9.58	165	56607	9.35	ng	# 30
56) 2,4-Dinitrotoluene	9.58	165	56597	7.45	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	30931	4.08	ng	# 1
71) Anthracene	11.15	178	499	Below Cal	#	59
73) Di-n-butylphthalate	11.64	149	5721	Below Cal	#	91
74) Fluoranthene	12.28	202	710	Below Cal		61

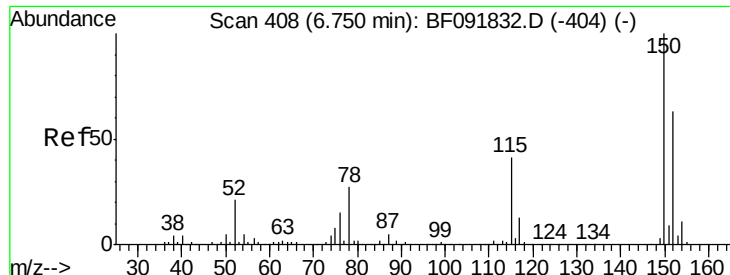
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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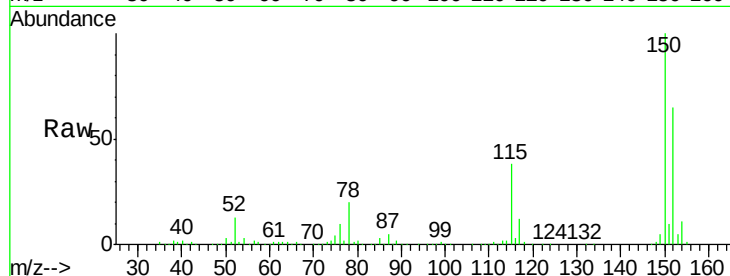




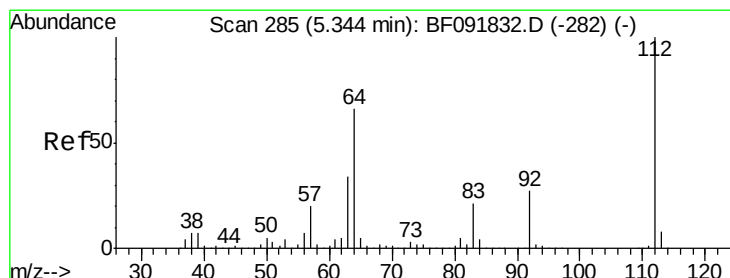
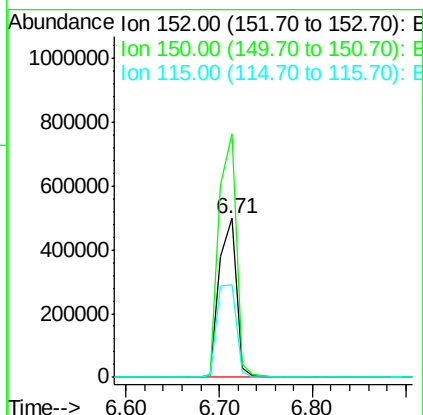
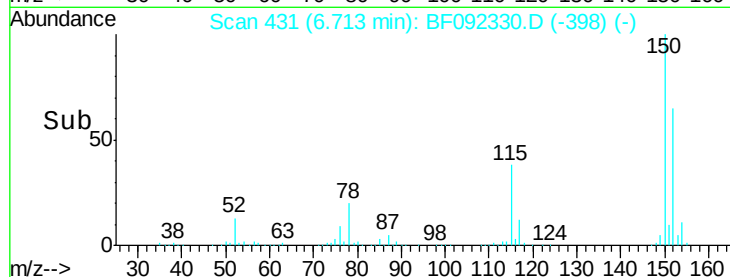
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.07 min
 Lab File: BF092330.D
 Acq: 17 Jan 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICAFB-3-11317

Tgt Ion:152 Resp: 633854
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.9 187.3
 115 58.0 46.0 69.0

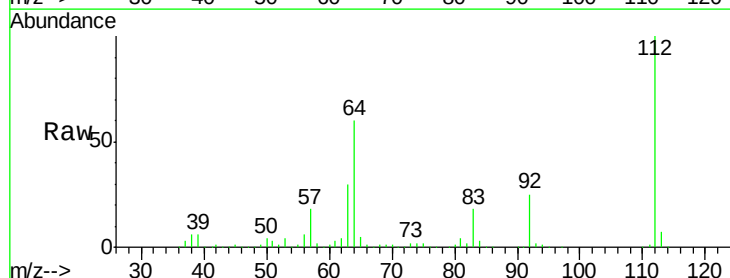


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

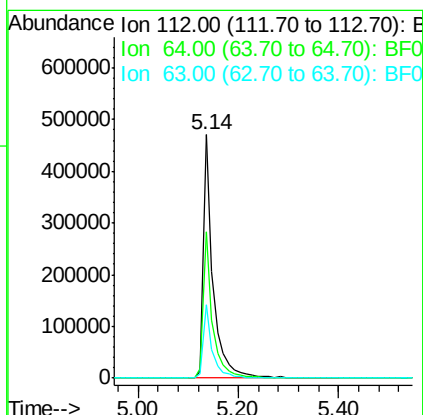
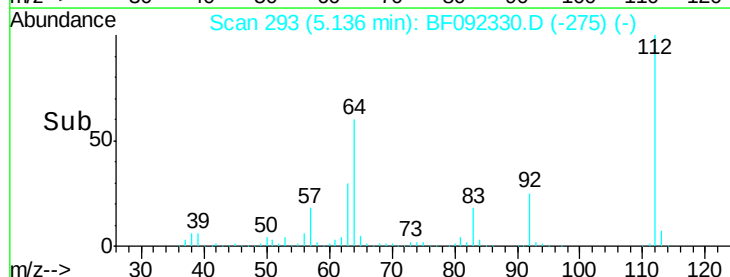


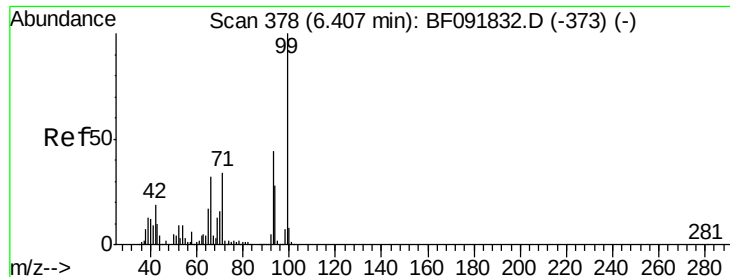
#5
 2-Fluorophenol
 Concen: 16.45 ng
 RT: 5.14 min Scan# 293
 Delta R.T. -0.10 min
 Lab File: BF092330.D
 Acq: 17 Jan 2017 21:55

Tgt Ion:112 Resp: 624628
 Ion Ratio Lower Upper
 112 100
 64 60.4 46.1 69.1
 63 30.1 23.8 35.6



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: 10.09 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Instrument :

BNA_F

ClientSampleId :

JAMAICAFB-3-11317

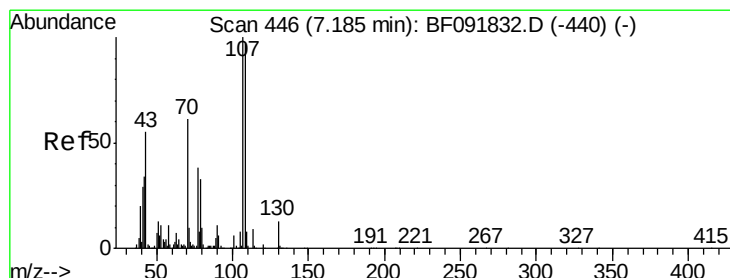
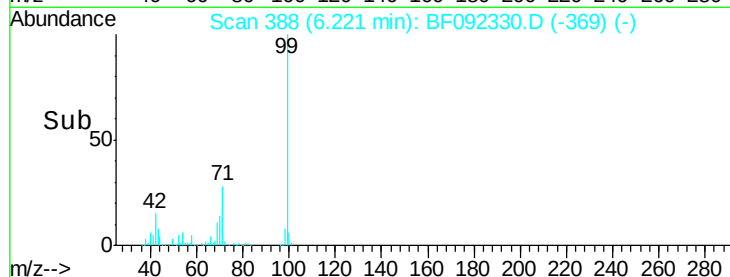
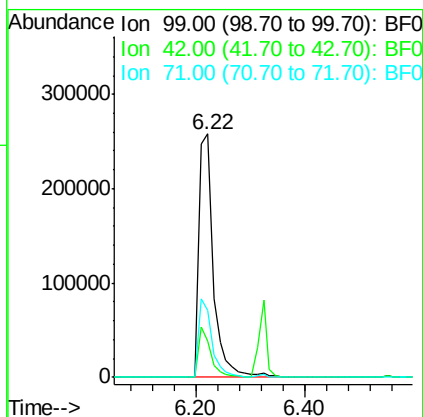
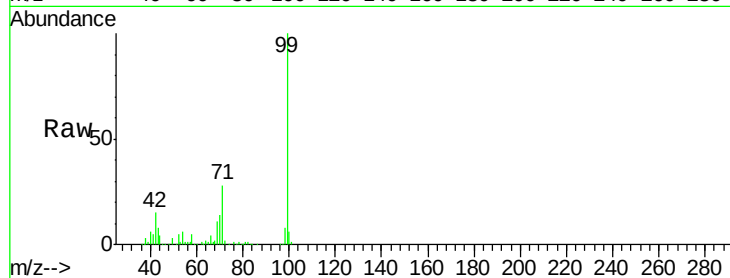
Tgt Ion: 99 Resp: 467536

Ion Ratio Lower Upper

99 100

42 14.9 15.6 23.4#

71 27.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.52 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Tgt Ion: 70 Resp: 139230

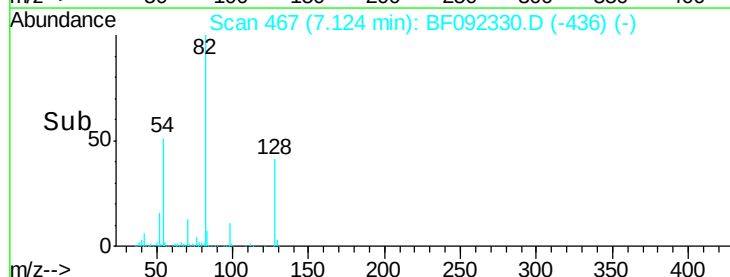
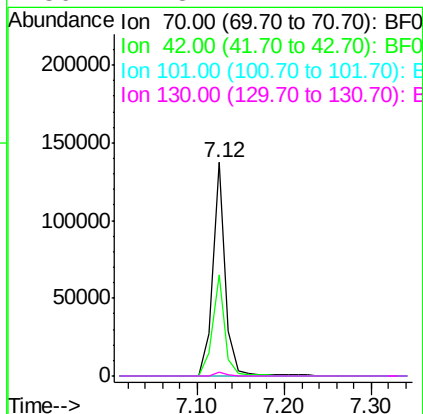
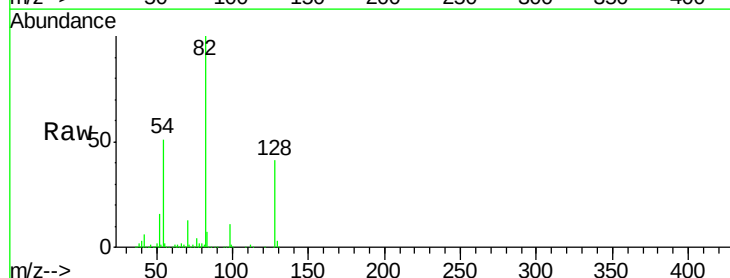
Ion Ratio Lower Upper

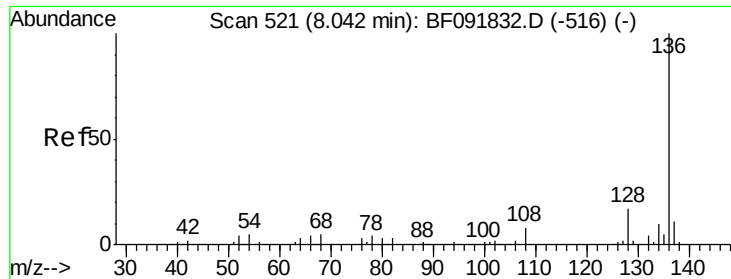
70 100

42 47.6 49.4 74.0#

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

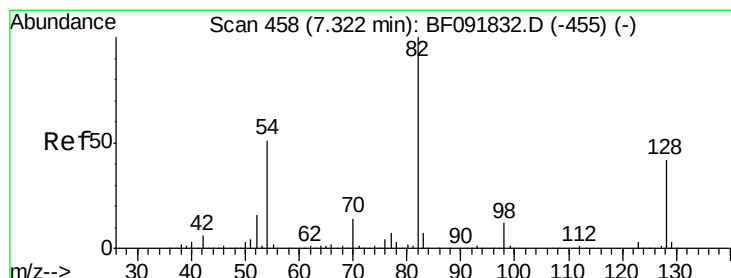
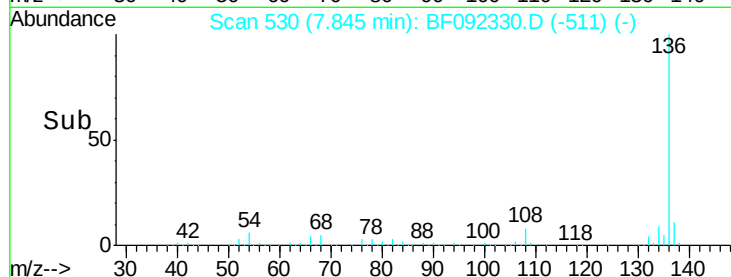
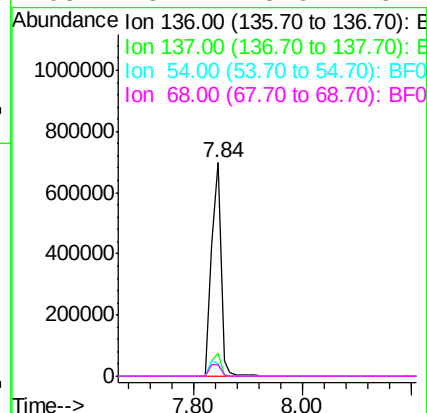
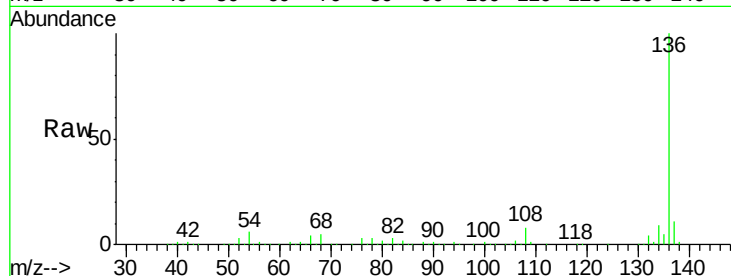




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092330.D
Acq: 17 Jan 2017 21:55

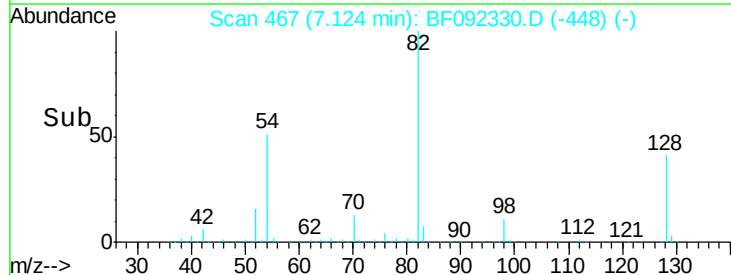
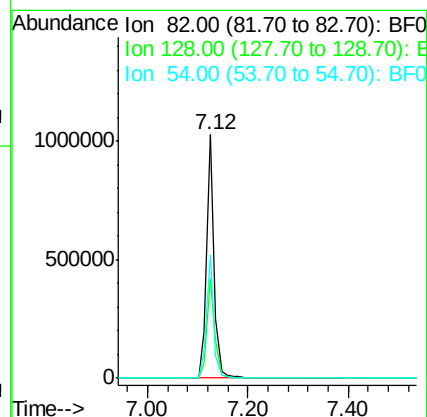
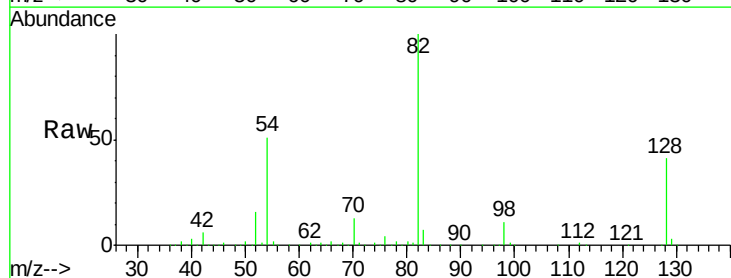
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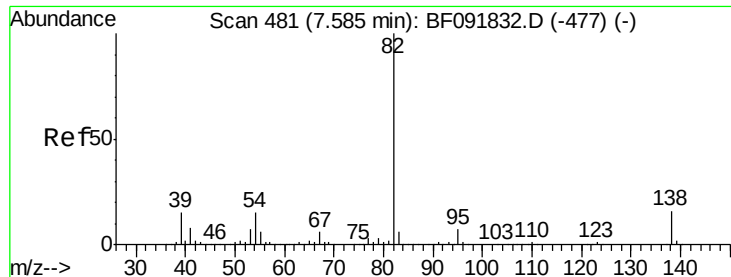
Tgt Ion:	136	Resp:	834823
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	5.9	4.5	6.7
68	5.4	3.6	5.4



#23
Nitrobenzene-d5
Concen: 70.77 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092330.D
Acq: 17 Jan 2017 21:55

Tgt Ion:	82	Resp:	1062445
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	50.5	39.5	59.3





#25

Isophorone

Concen: 33.57 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.35 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Instrument :

BNA_F

ClientSampleId :

JAMAICAFB-3-11317

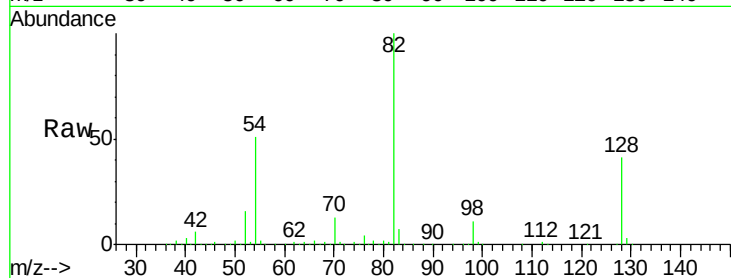
Tgt Ion: 82 Resp: 929760

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

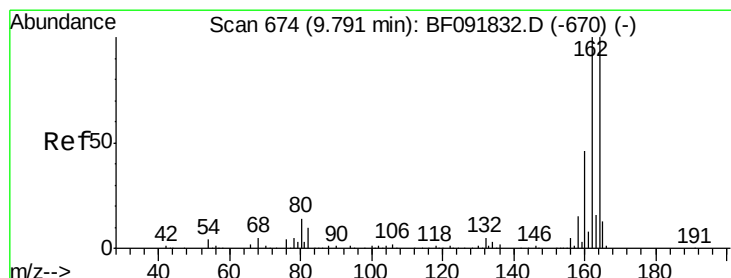
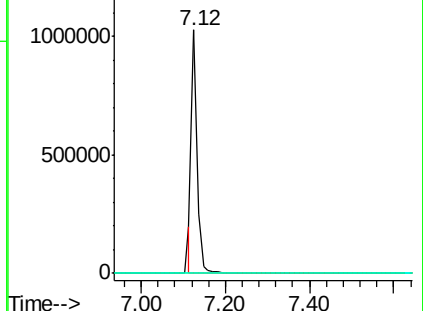
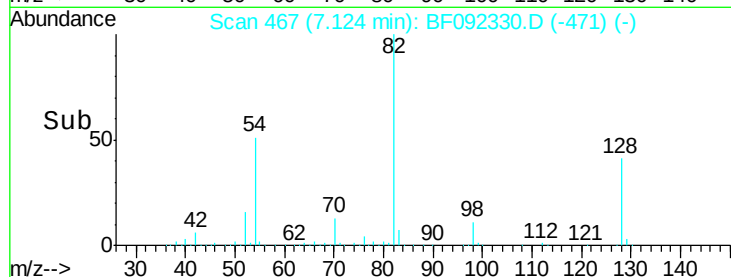
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

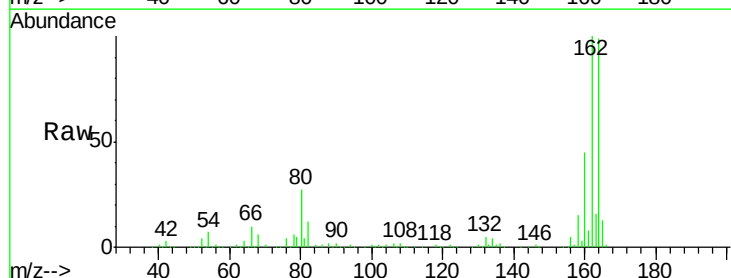
Tgt Ion: 164 Resp: 432450

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

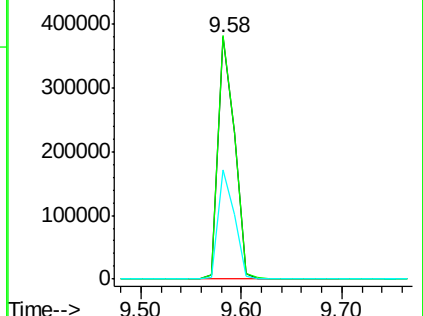
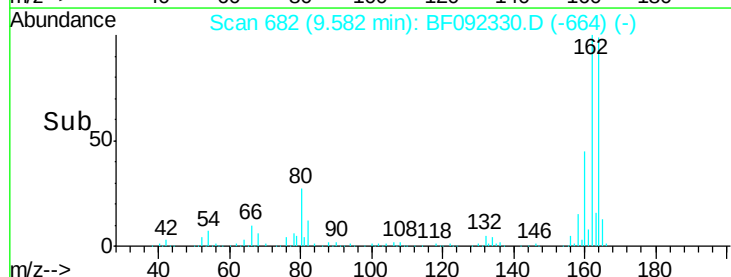
160 45.2 36.9 55.3

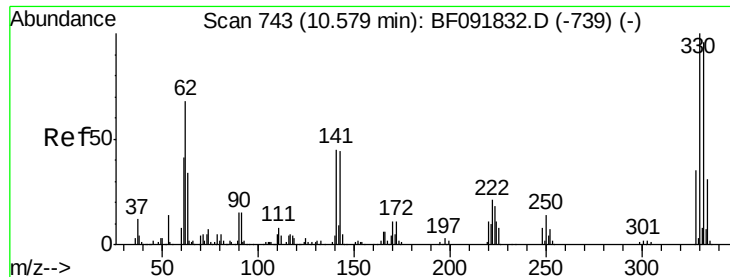


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

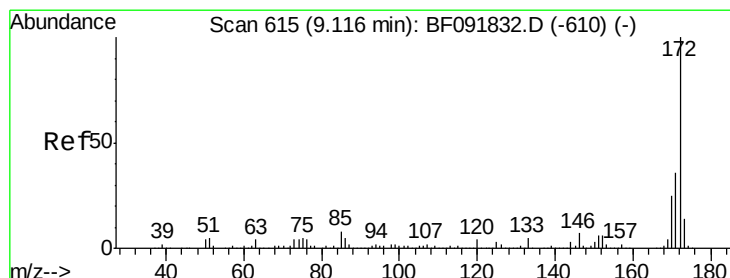
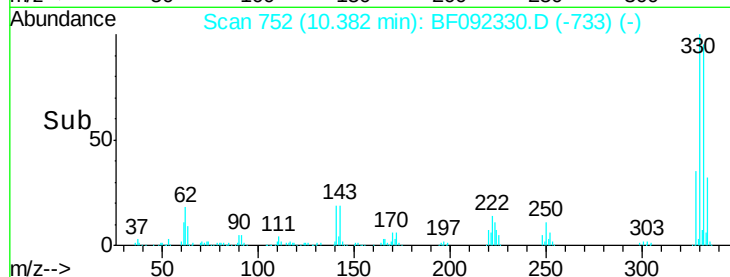
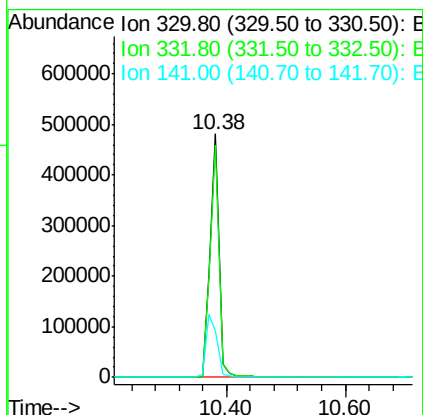
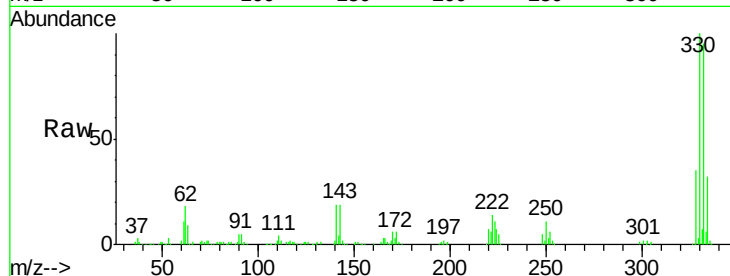




#41
 2,4,6-Tribromophenol
 Concen: 142.00 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092330.D
 Acq: 17 Jan 2017 21:55

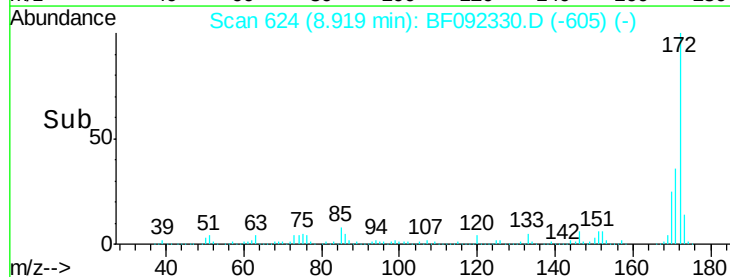
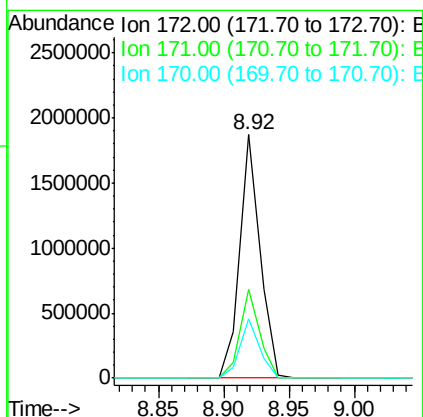
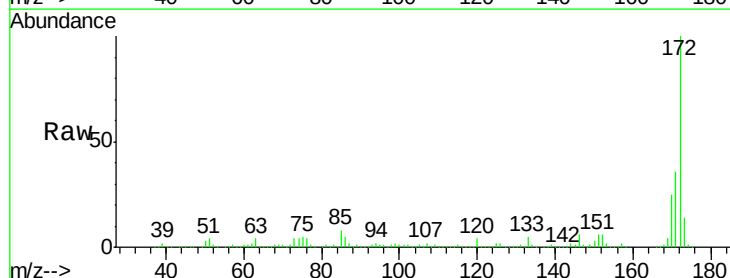
Instrument :
 BNA_F
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 JAMAICAFB-3-11317

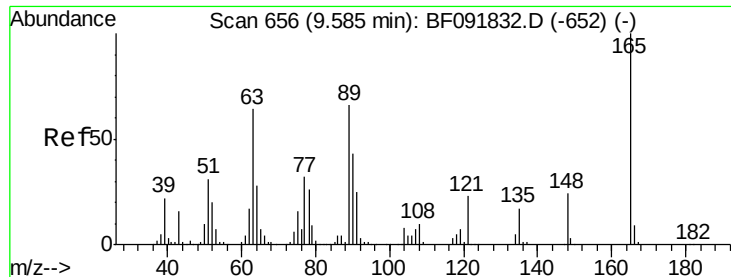
Tgt Ion:330 Resp: 508184
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 31.8 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 97.70 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092330.D
 Acq: 17 Jan 2017 21:55

Tgt Ion:172 Resp: 2021332
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 20.2 30.4





#50

2,6-Dinitrotoluene

Concen: 9.35 ng

RT: 9.58 min Scan# 682

Delta R.T. 0.11 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Instrument :

BNA_F

ClientSampleId :

JAMAICAFB-3-11317

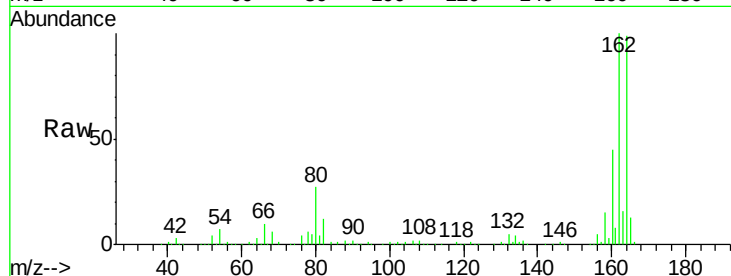
Tgt Ion:165 Resp: 56607

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

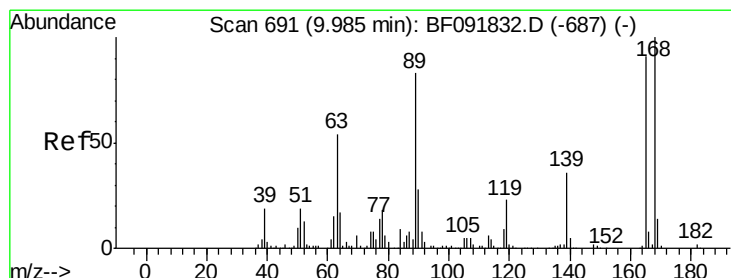
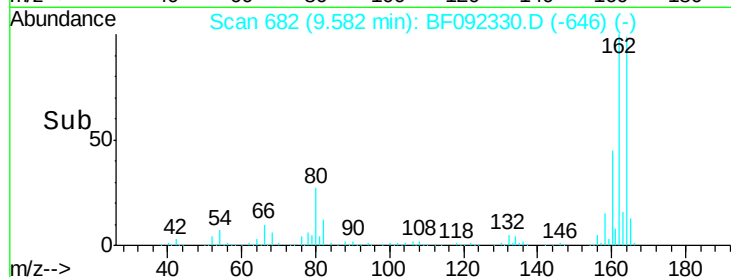
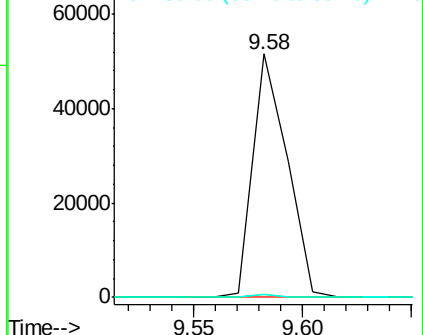
89 1.0 40.2 60.4#



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: 7.45 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.31 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Tgt Ion:165 Resp: 56597

Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.0 62.5 93.7#

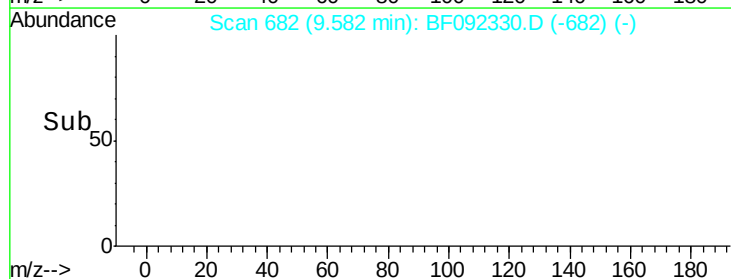
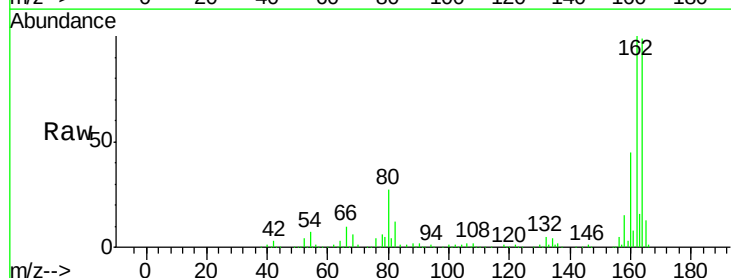
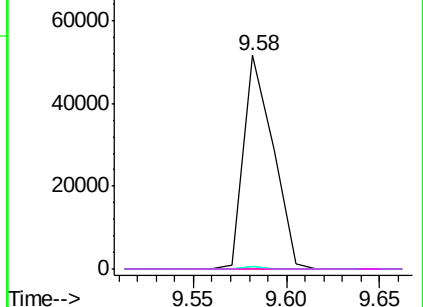
182 0.0 1.8 2.8#

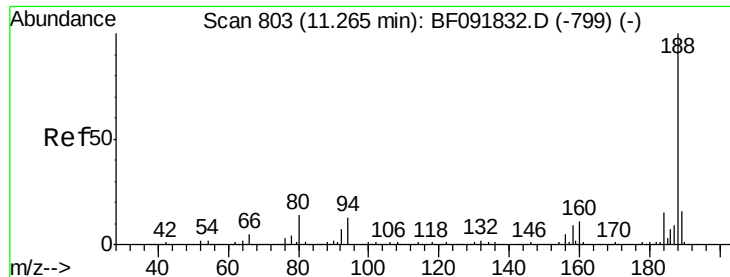
Abundance Ion 165.00 (164.70 to 165.70): E

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

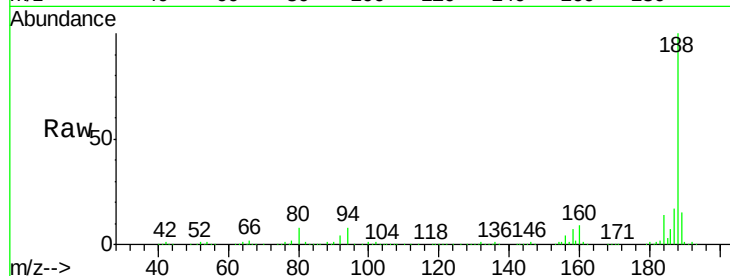




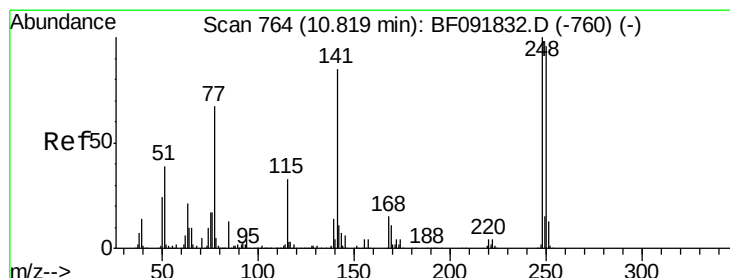
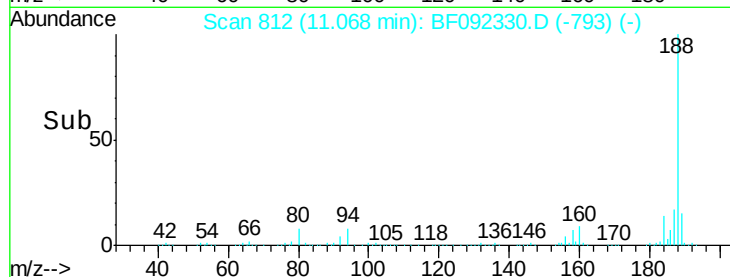
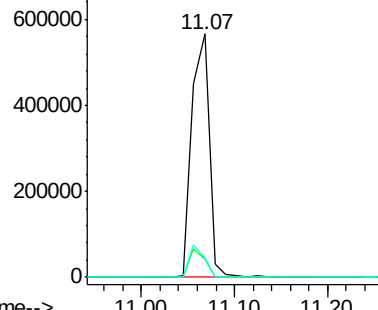
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092330.D
 Acq: 17 Jan 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICAFB-3-11317

Tgt Ion:188 Resp: 729439
 Ion Ratio Lower Upper
 188 100
 94 7.7 10.0 15.0#
 80 7.9 11.2 16.8#

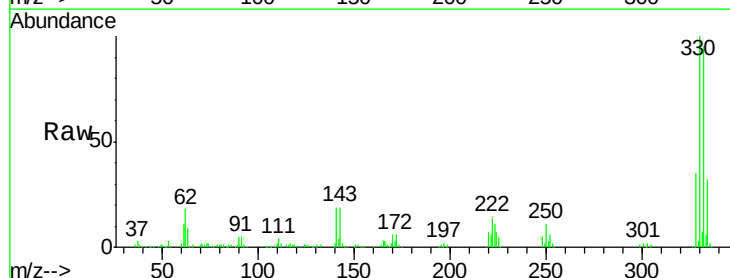


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

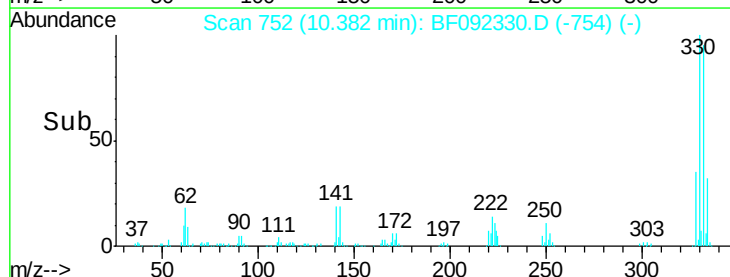
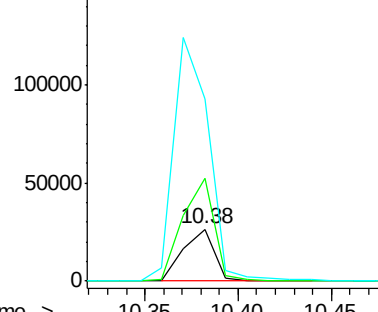


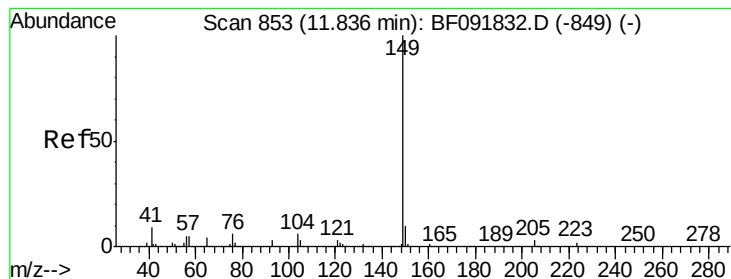
#66
 4-Bromophenyl-phenylether
 Concen: 4.08 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.33 min
 Lab File: BF092330.D
 Acq: 17 Jan 2017 21:55

Tgt Ion:248 Resp: 30931
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.9 115.3#
 141 351.0 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Instrument :

BNA_F

ClientSampleId :

JAMAICAFB-3-11317

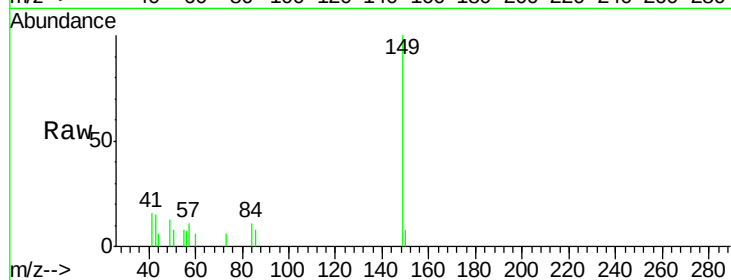
Tgt Ion:149 Resp: 5721

Ion Ratio Lower Upper

149 100

150 8.5 8.1 12.1

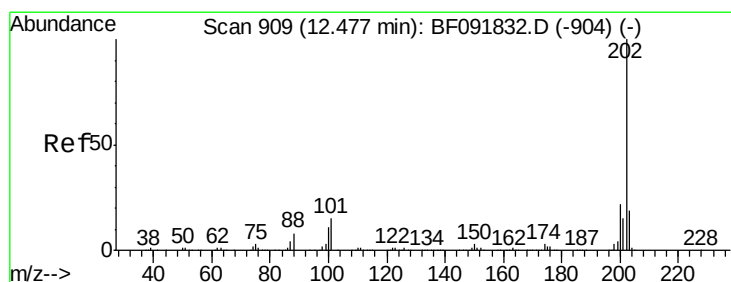
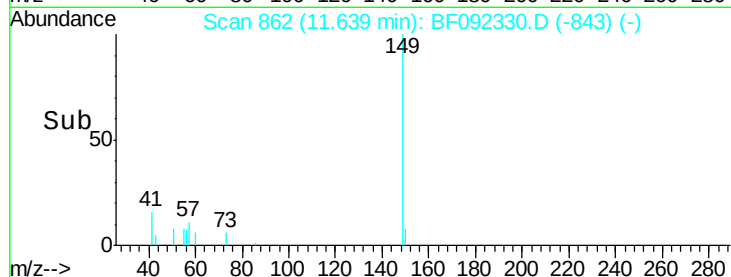
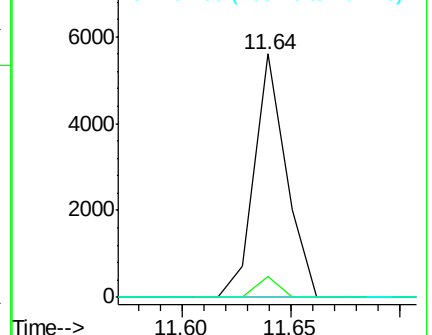
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

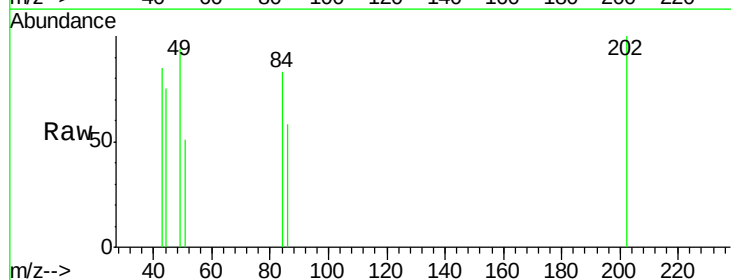
Tgt Ion:202 Resp: 710

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

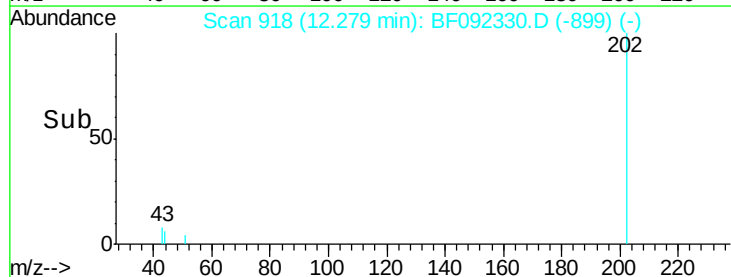
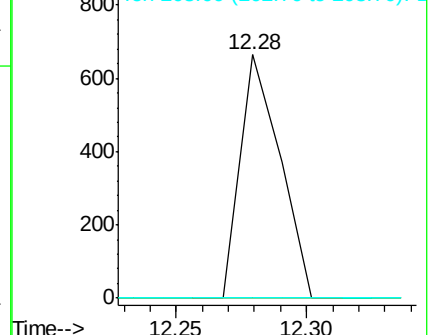
203 0.0 0.0 38.7

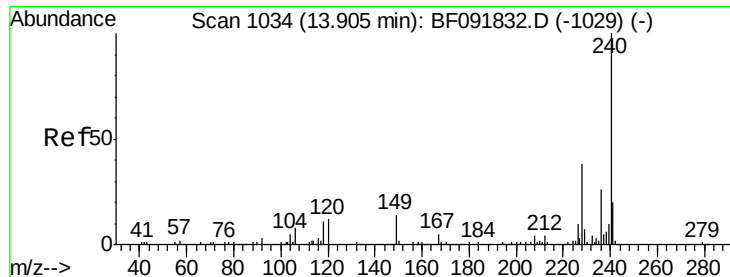


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

Instrument :

BNA_F

ClientSampleId :

JAMAICAFB-3-11317

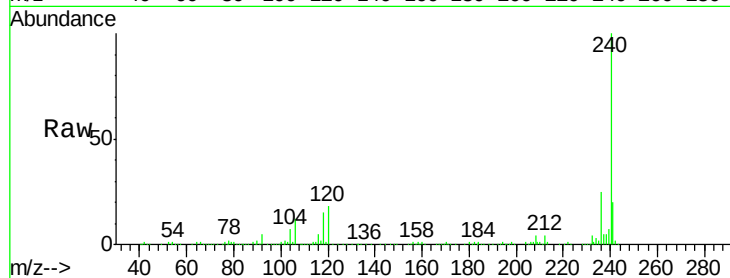
Tgt Ion:240 Resp: 580438

Ion Ratio Lower Upper

240 100

120 18.2 12.9 19.3

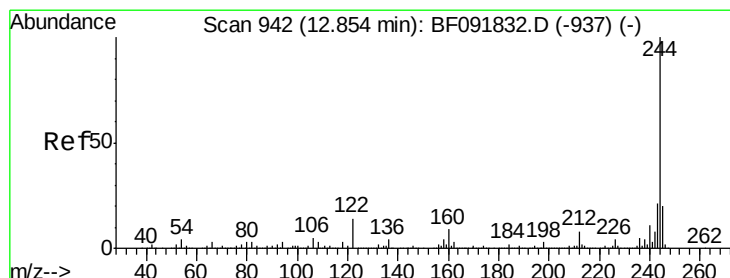
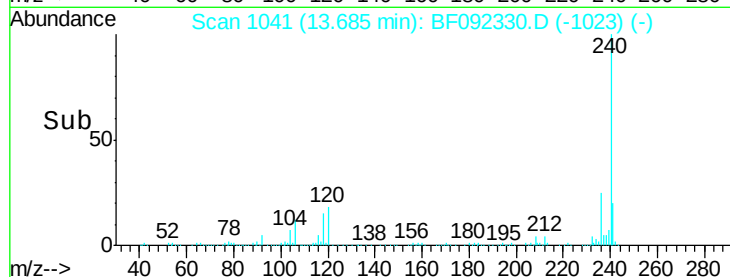
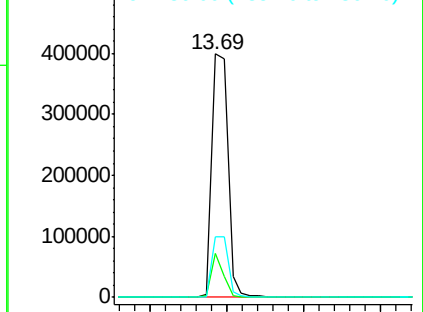
236 24.8 20.9 31.3



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: 91.22 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092330.D

Acq: 17 Jan 2017 21:55

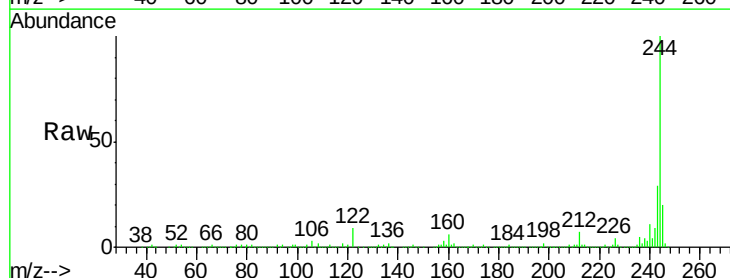
Tgt Ion:244 Resp: 2183070

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

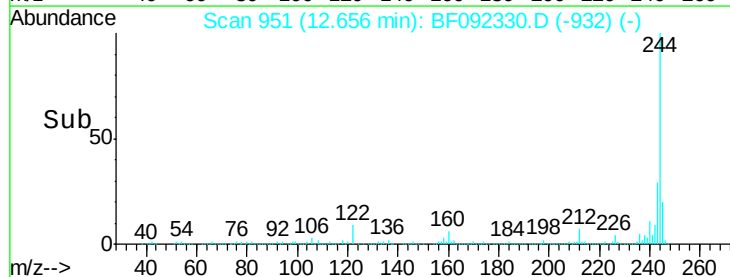
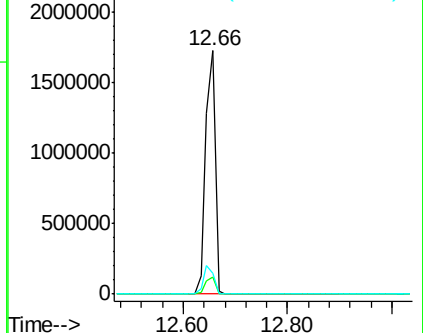
122 8.6 11.4 17.2#

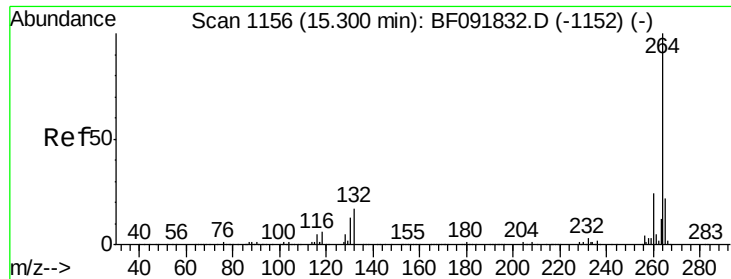


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092330.D
Acq: 17 Jan 2017 21:55

Instrument :
BNA_F
ClientSampleId :
JAMAICAFB-3-11317

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.4	26.0

