

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092298.D
 Acq On : 16 Jan 2017 21:25
 Operator : UM/SJ
 Sample : I1197-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FB-2-11117

Quant Time: Jan 17 00:46:35 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

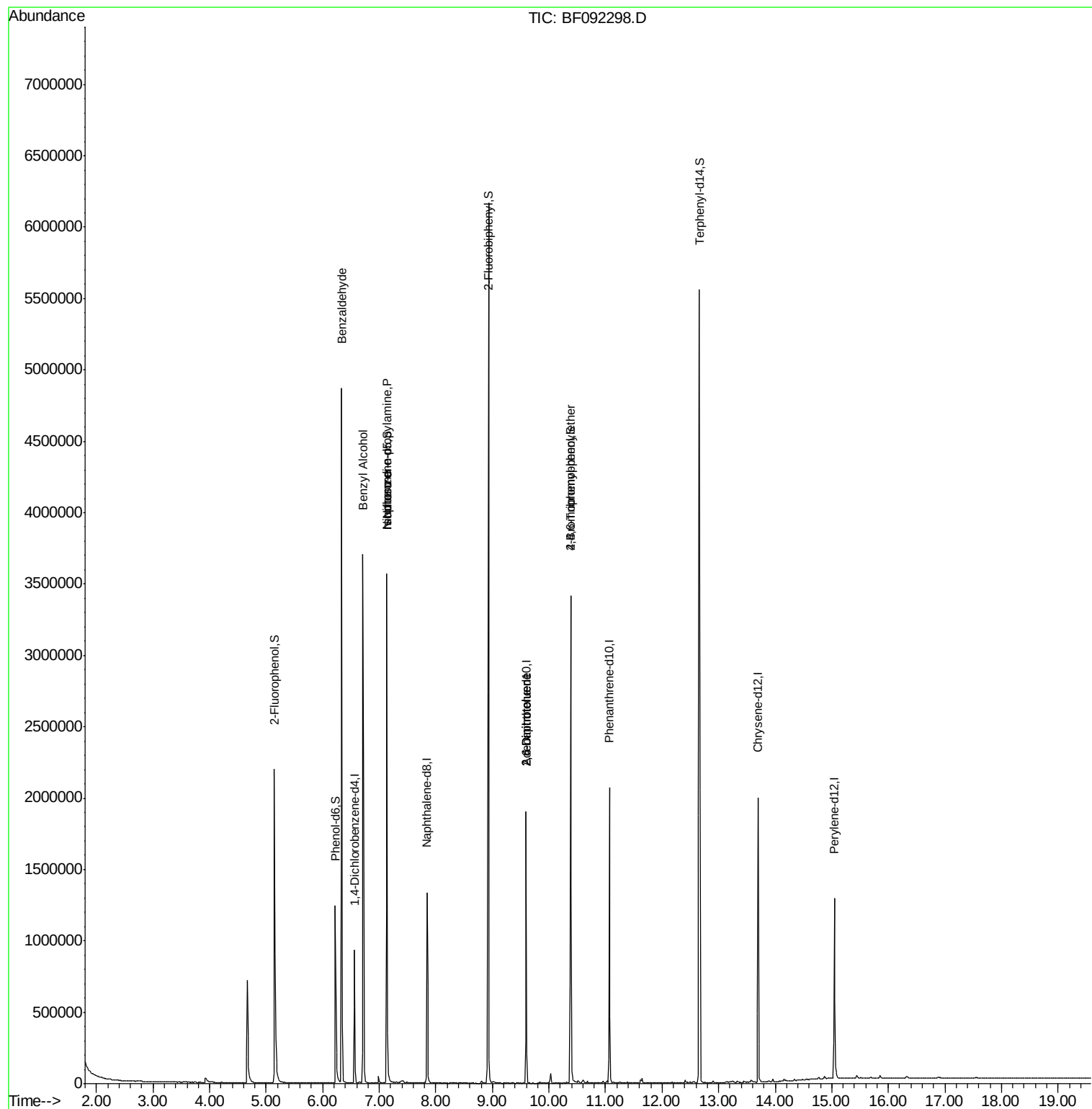
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	181302	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	741182	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	397379	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	753824	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	697527	20.00	ng	-0.09
86) Perylene-d12	15.05	264	544580	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	805427	74.18	ng	-0.09
7) Phenol-d6	6.22	99	606424	45.74	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1294715	97.13	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	518792	157.75	ng	-0.09
44) 2-Fluorobiphenyl	8.93	172	2111767	113.16	ng	-0.08
78) Terphenyl-d14	12.66	244	2193970	76.28	ng	-0.09
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	32481	3.06	ng	# 73
15) Benzyl Alcohol	6.71	79	20647	2.00	ng	# 47
19) n-Nitroso-di-n-propylamine	7.14	70	172149	19.52	ng	# 77
25) Isophorone	7.14	82	1286111	52.30	ng	# 65
37) 2-Methylnaphthalene	8.67	142	324	Below Cal	#	62
50) 2,6-Dinitrotoluene	9.59	165	50531	9.08	ng	# 31
56) 2,4-Dinitrotoluene	9.59	165	50534	7.24	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	30425	3.88	ng	# 1
71) Anthracene	11.09	178	1032	Below Cal	#	59
73) Di-n-butylphthalate	11.65	149	15790	Below Cal	#	98
74) Fluoranthene	12.51	202	219	Below Cal		61
76) Benzydine	12.66	184	28207	Below Cal		98

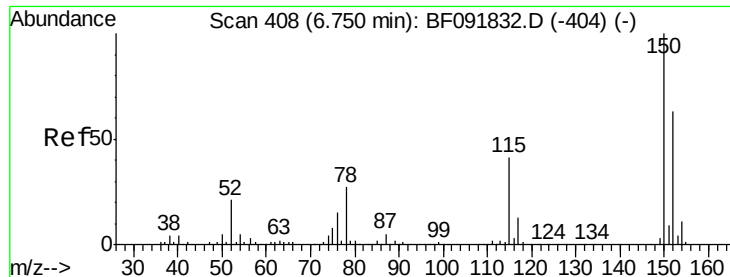
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB-2-11117

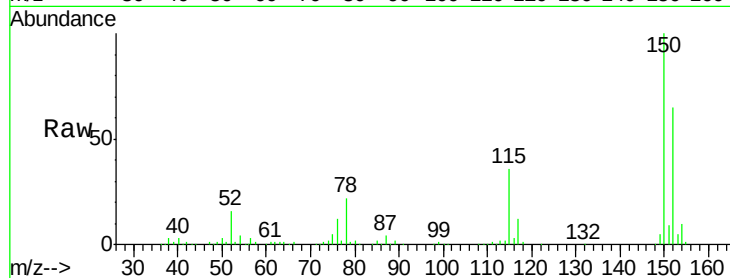
Tgt Ion:152 Resp: 181302

Ion Ratio Lower Upper

152 100

150 153.5 124.9 187.3

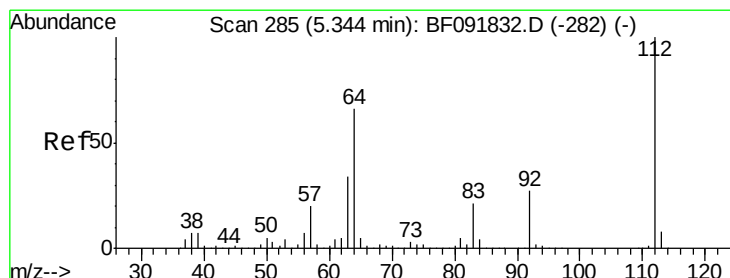
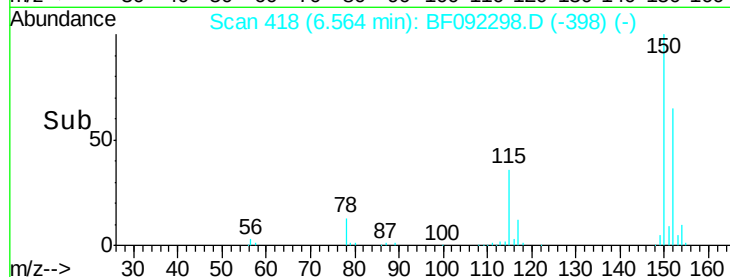
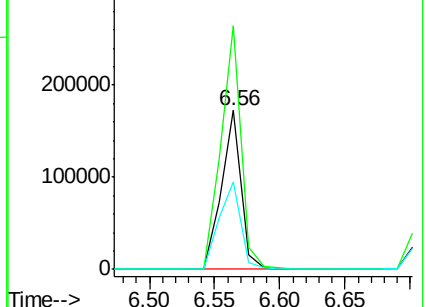
115 55.3 46.0 69.0



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: 74.18 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

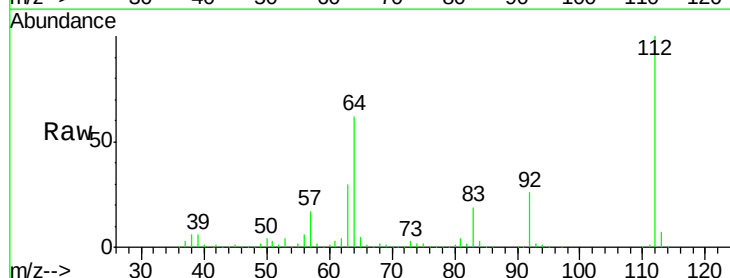
Tgt Ion:112 Resp: 805427

Ion Ratio Lower Upper

112 100

64 62.2 46.1 69.1

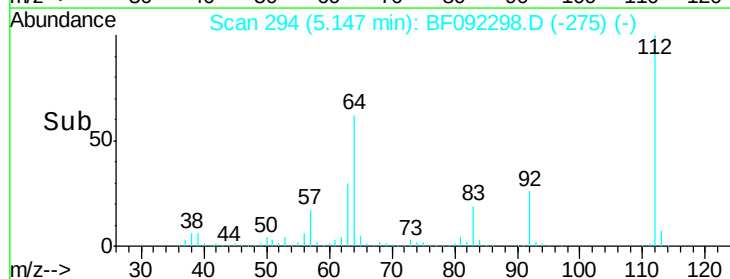
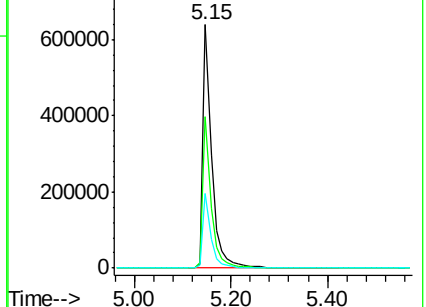
63 30.5 23.8 35.6

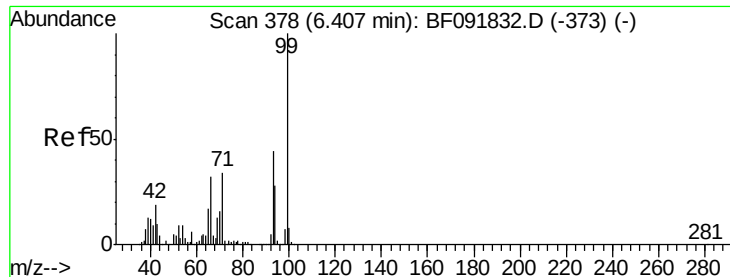


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.74 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB-2-11117

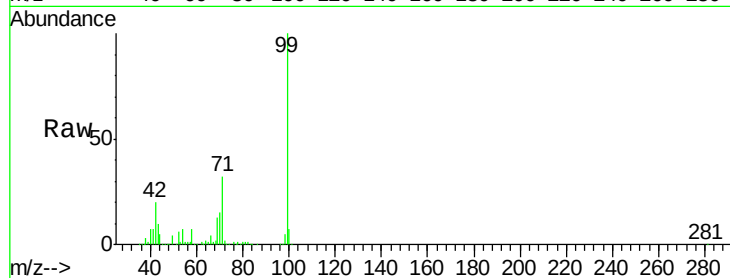
Tgt Ion: 99 Resp: 606424

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

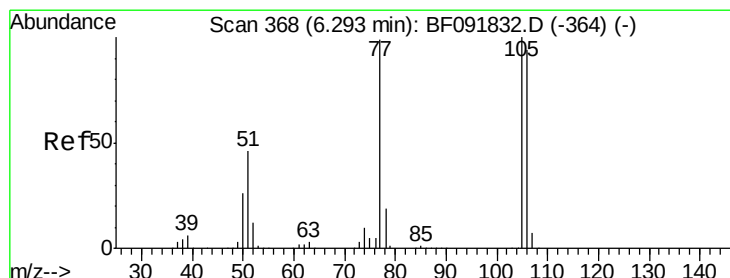
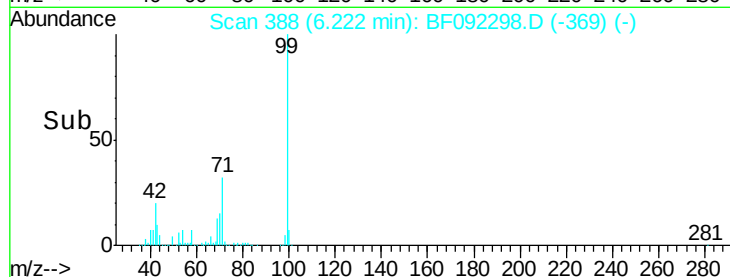
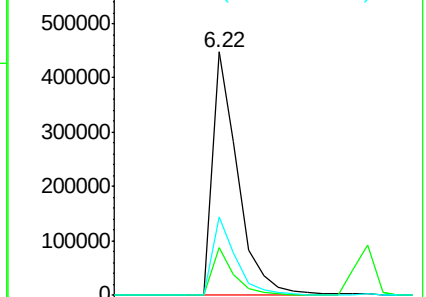
71 32.0 27.5 41.3



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: 3.06 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.15 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

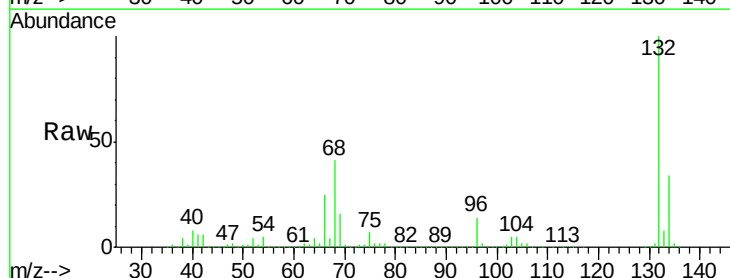
Tgt Ion: 77 Resp: 32481

Ion Ratio Lower Upper

77 100

105 78.4 83.9 123.9#

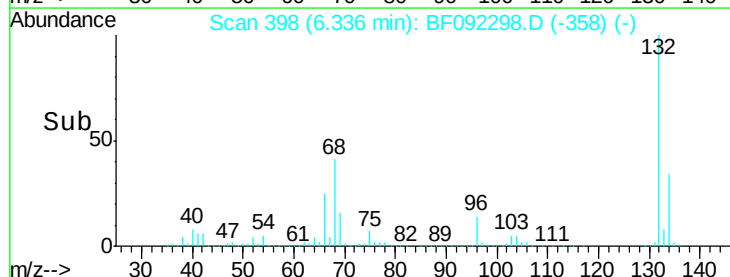
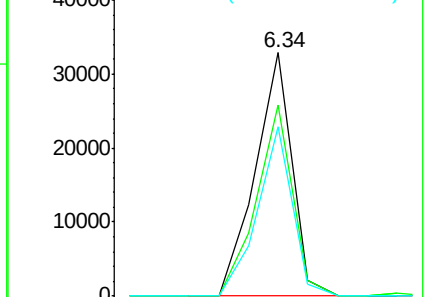
106 69.6 77.6 117.6#

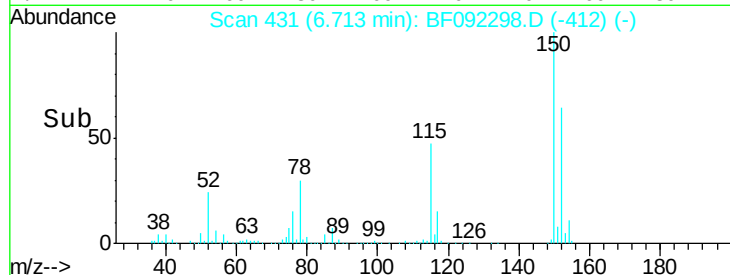
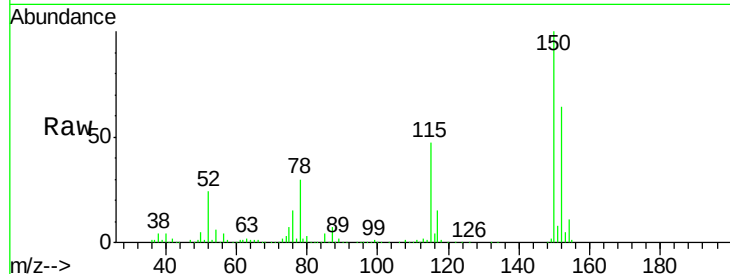
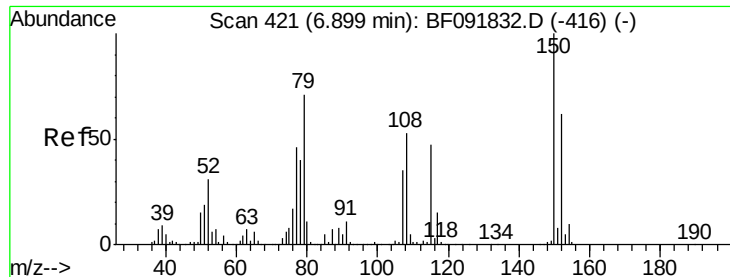


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB-2-11117

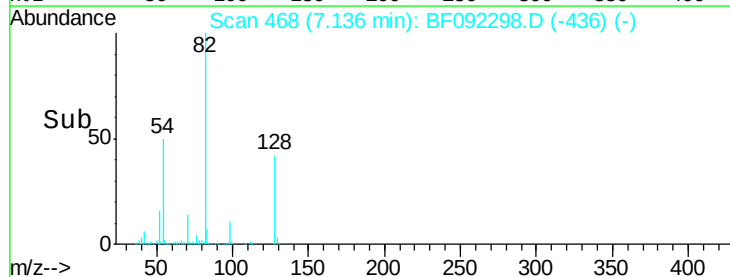
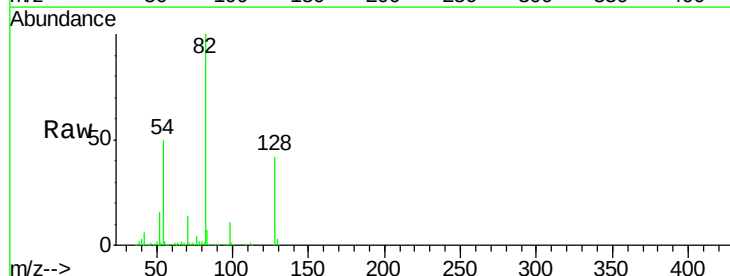
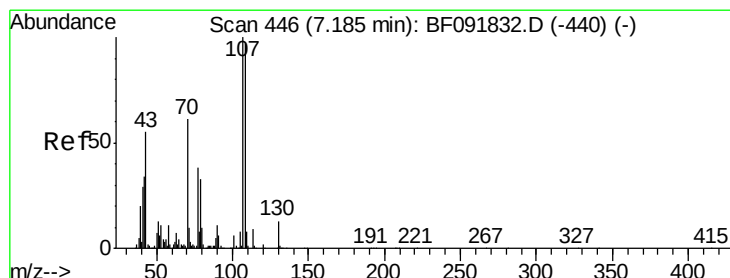
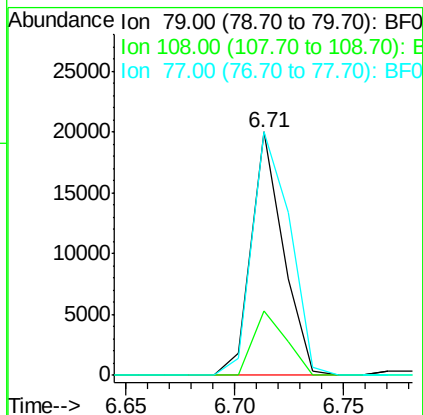
Tgt Ion: 79 Resp: 20647

Ion Ratio Lower Upper

79 100

108 26.3 61.4 92.0#

77 99.8 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 19.52 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Tgt Ion: 70 Resp: 172149

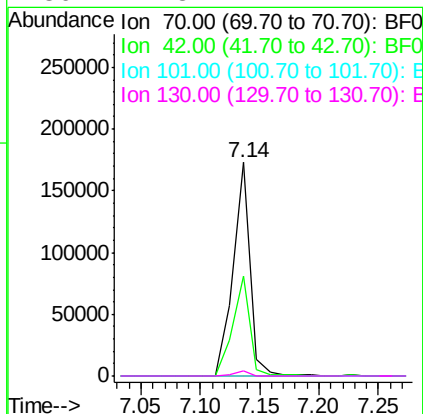
Ion Ratio Lower Upper

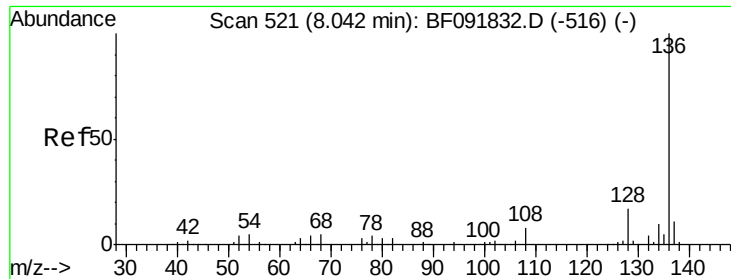
70 100

42 46.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

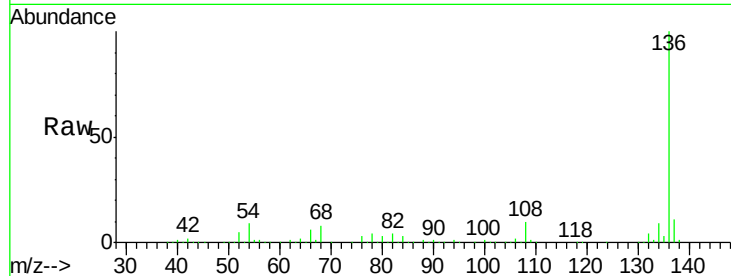




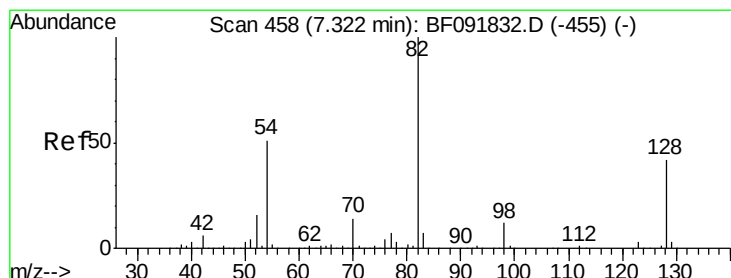
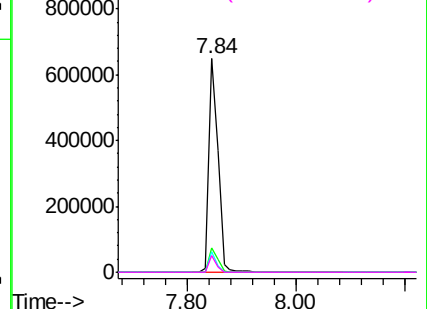
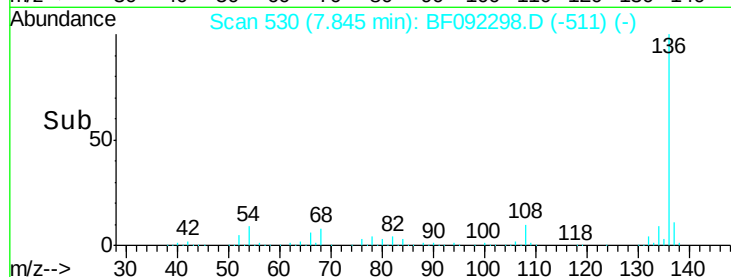
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092298.D
Acq: 16 Jan 2017 21:25

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FB-2-11117

Tgt Ion:	136	Resp:	741182
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.5	4.5	6.7#
68	7.6	3.6	5.4#

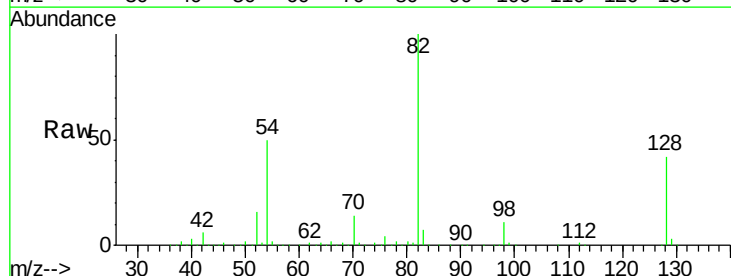


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

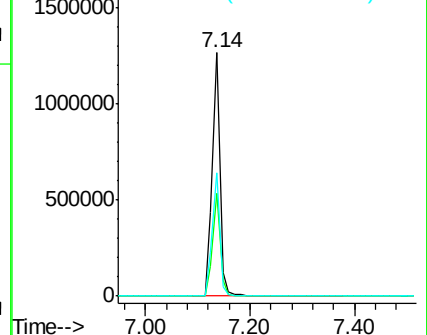
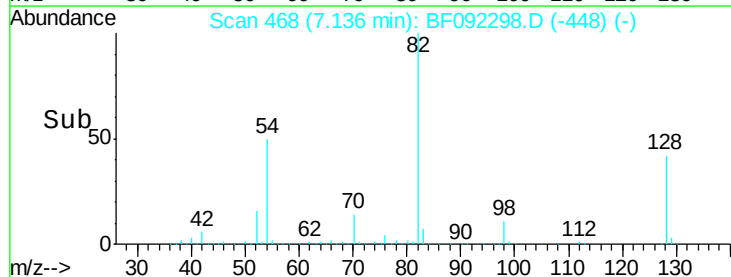


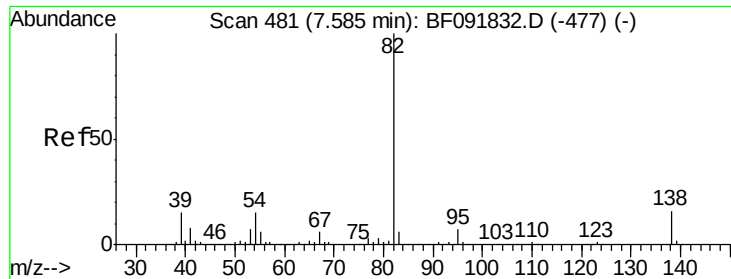
#23
Nitrobenzene-d5
Concen: 97.13 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092298.D
Acq: 16 Jan 2017 21:25

Tgt Ion:	82	Resp:	1294715
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	50.4	39.5	59.3



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





#25

Isophorone

Concen: 52.30 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB-2-11117

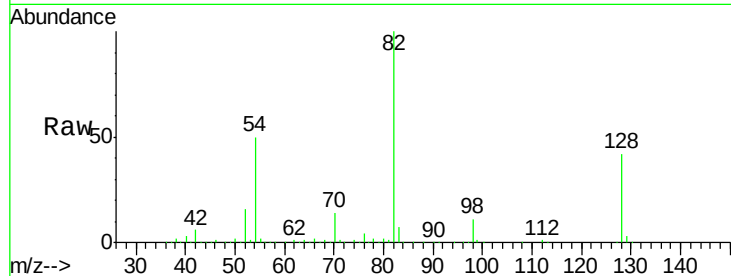
Tgt Ion: 82 Resp: 1286111

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

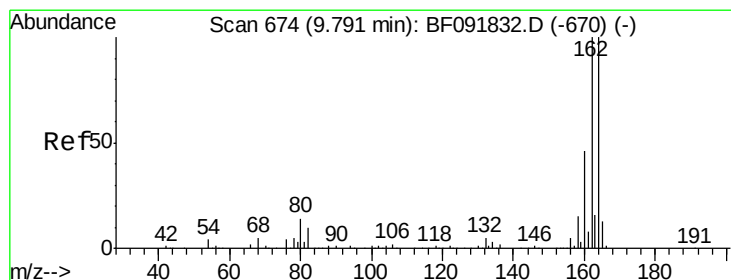
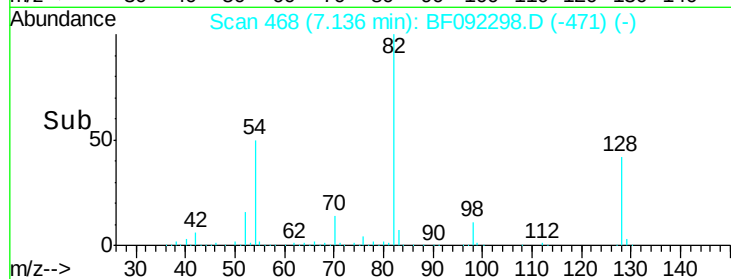
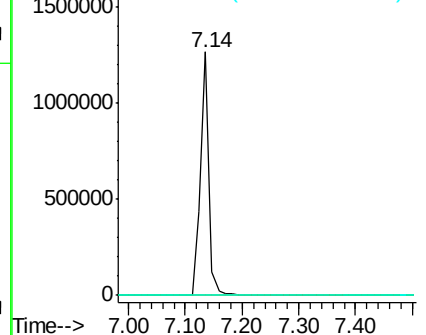
138 0.0 14.6 22.0#



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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

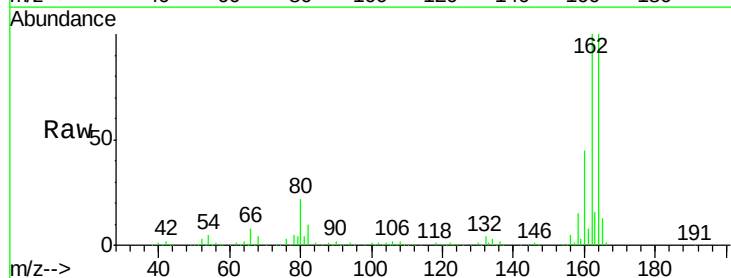
Tgt Ion: 164 Resp: 397379

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

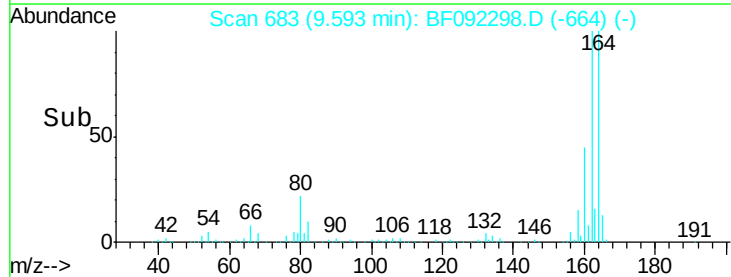
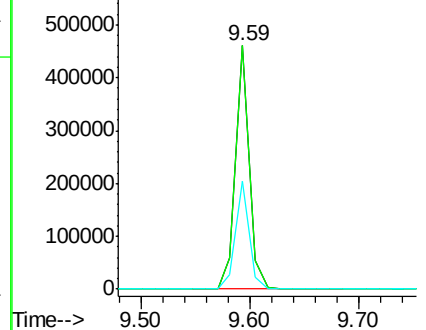
160 44.6 36.9 55.3

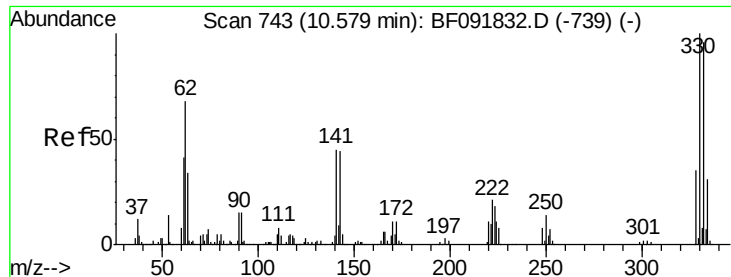


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

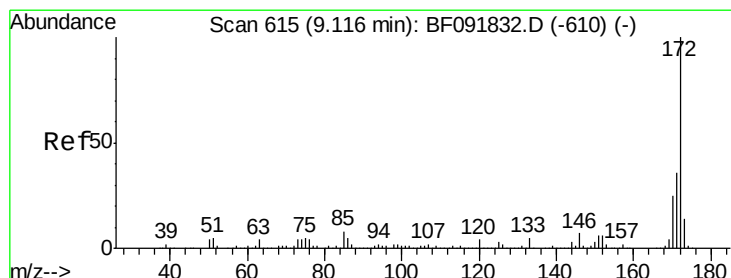
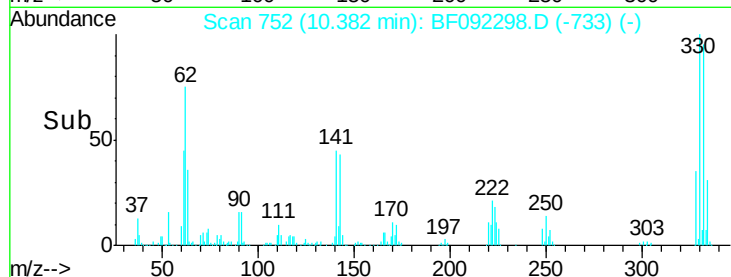
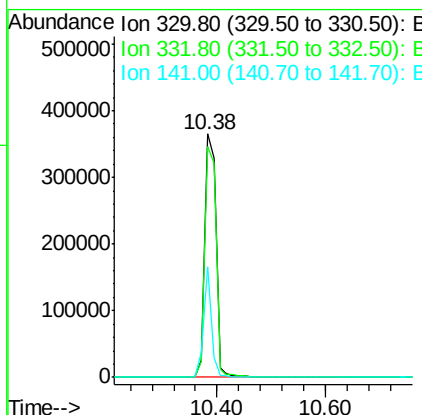
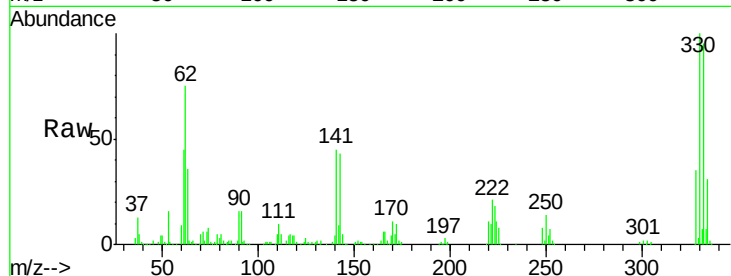




#41
 2,4,6-Tribromophenol
 Concen: 157.75 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092298.D
 Acq: 16 Jan 2017 21:25

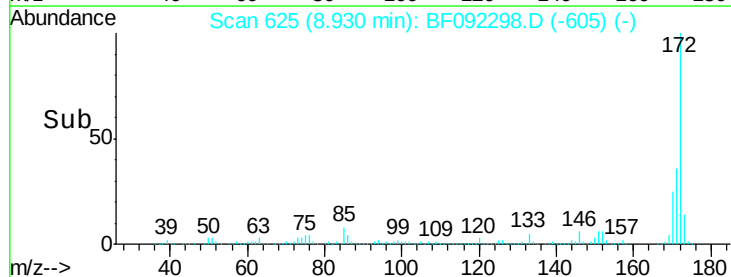
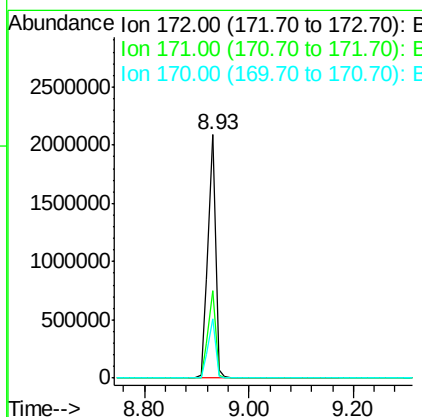
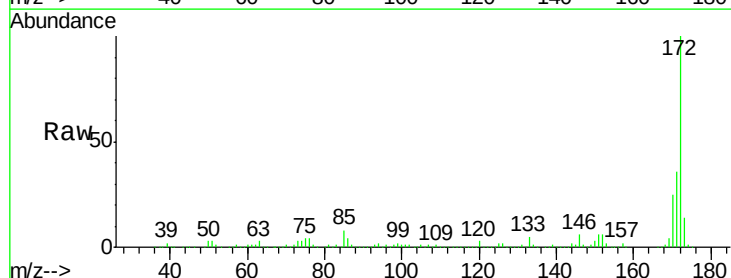
Instrument :
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 JAMAICA-FB-2-11117

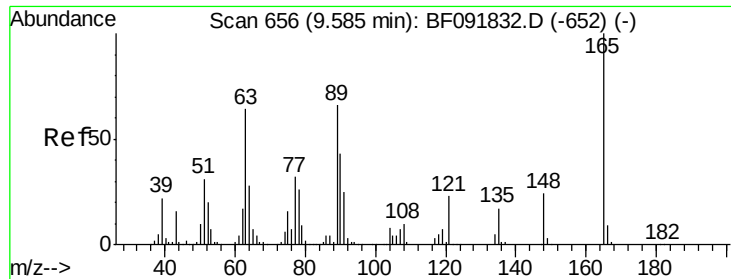
Tgt Ion:330 Resp: 518792
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 31.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 113.16 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092298.D
 Acq: 16 Jan 2017 21:25

Tgt Ion:172 Resp: 2111767
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.6 20.2 30.4

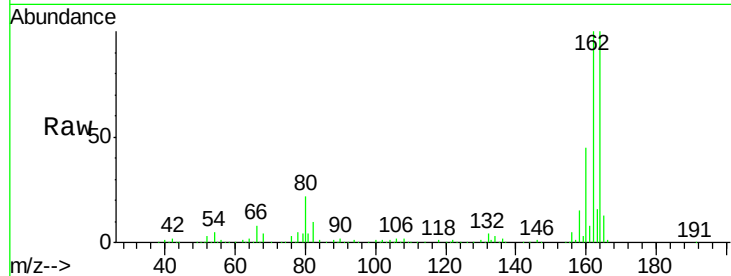




#50
 2,6-Dinitrotoluene
 Concen: 9.08 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.12 min
 Lab File: BF092298.D
 Acq: 16 Jan 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FB-2-11117

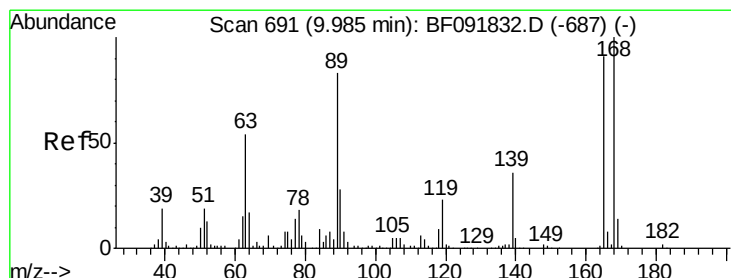
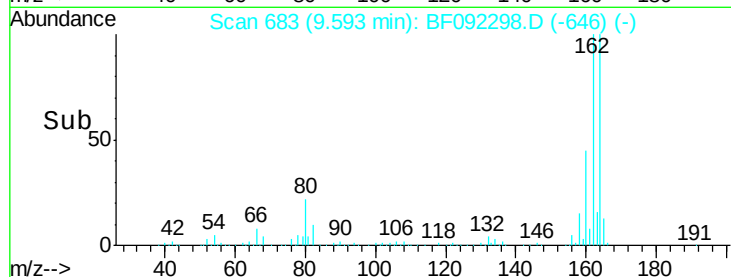
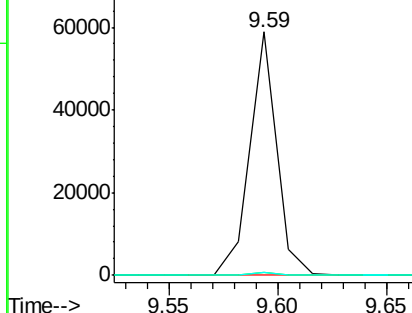
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.2	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

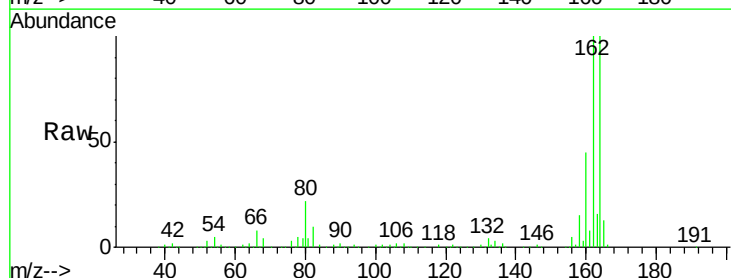
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.24 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.29 min
 Lab File: BF092298.D
 Acq: 16 Jan 2017 21:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

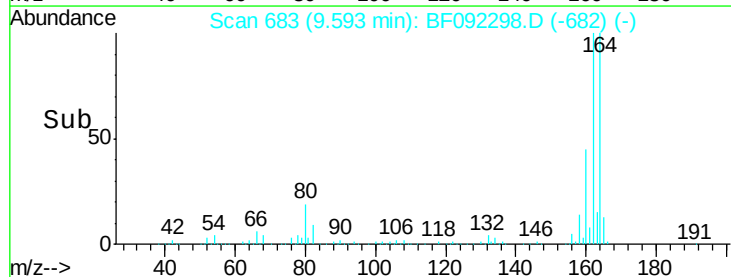
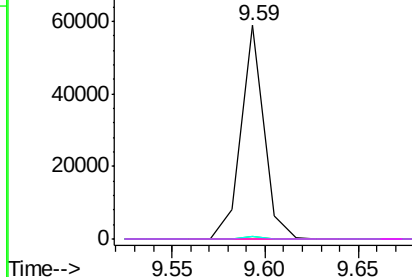


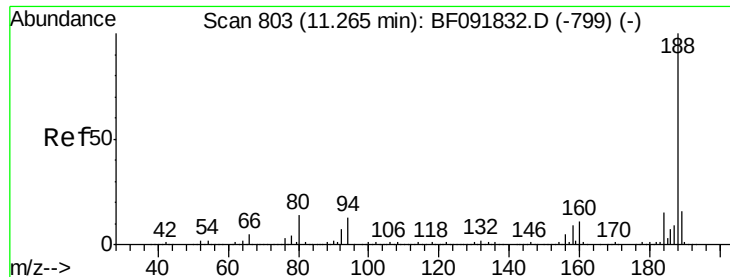
Abundance Ion 165.00 (164.70 to 165.70): E

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

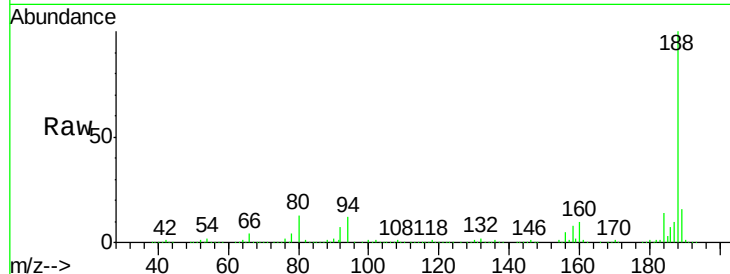




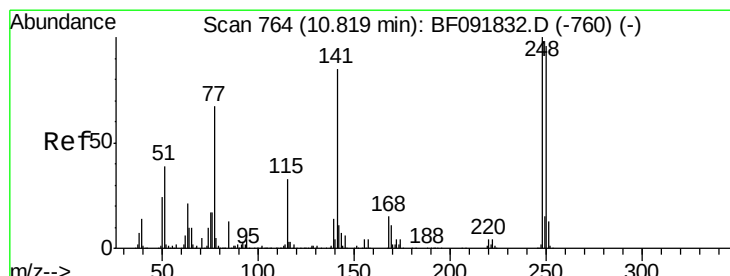
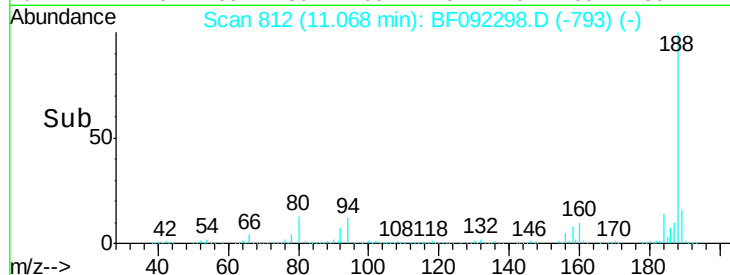
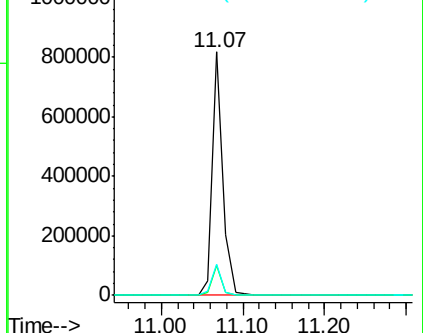
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092298.D
 Acq: 16 Jan 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FB-2-11117

Tgt Ion:188 Resp: 753824
 Ion Ratio Lower Upper
 188 100
 94 12.4 10.0 15.0
 80 13.0 11.2 16.8

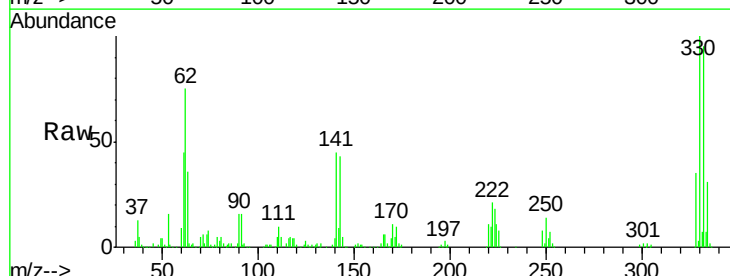


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

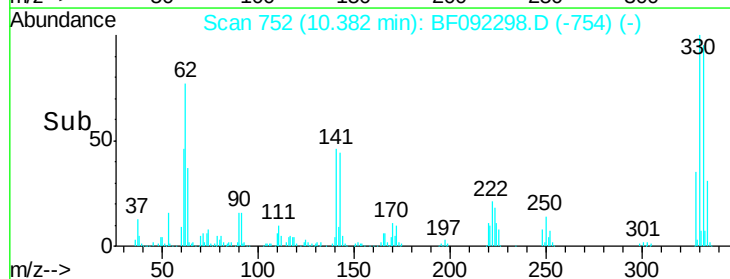
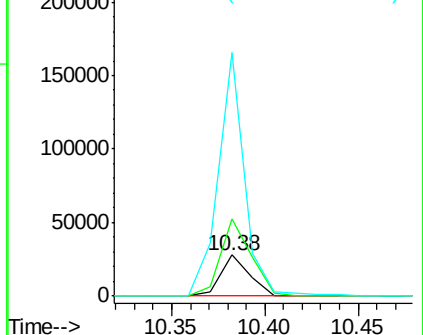


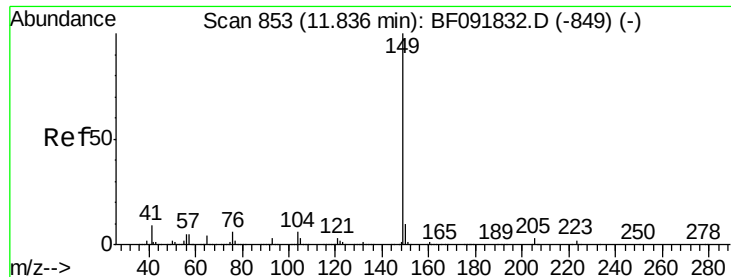
#66
 4-Bromophenyl-phenylether
 Concen: 3.88 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.33 min
 Lab File: BF092298.D
 Acq: 16 Jan 2017 21:25

Tgt Ion:248 Resp: 30425
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.9 115.3#
 141 594.4 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: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB-2-11117

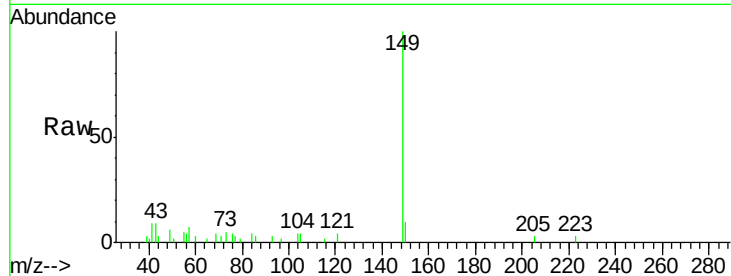
Tgt Ion:149 Resp: 15790

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

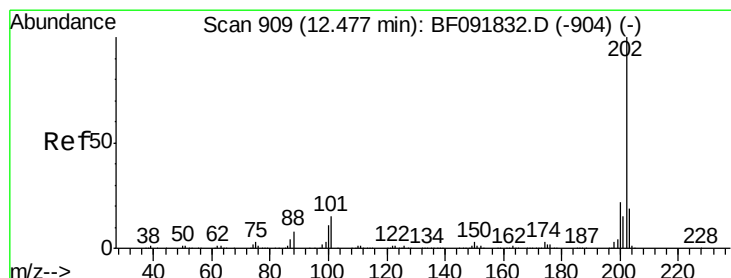
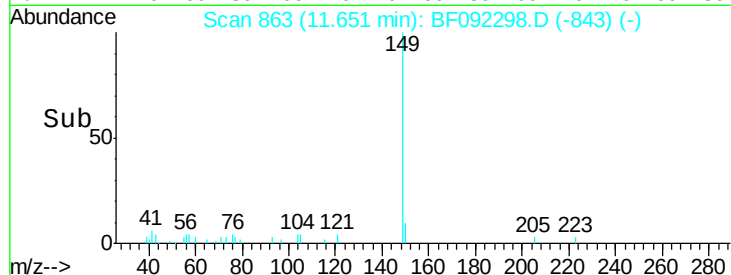
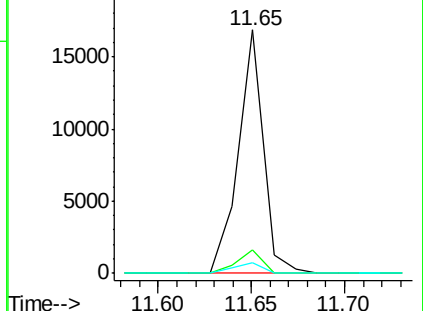
104 4.3 4.6 7.0#



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: 12.51 min Scan# 938

Delta R.T. 0.14 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

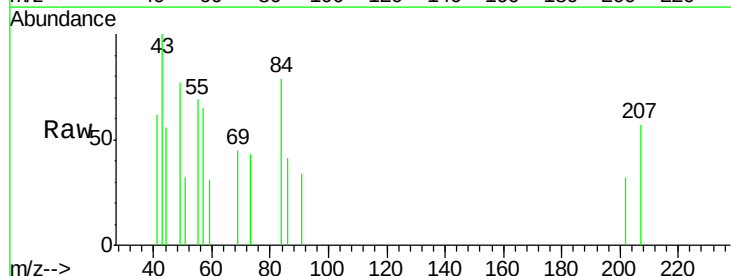
Tgt Ion:202 Resp: 219

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

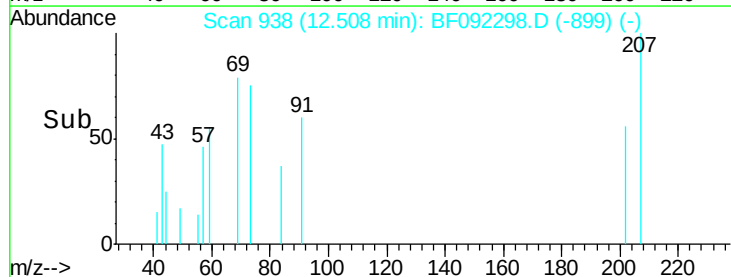
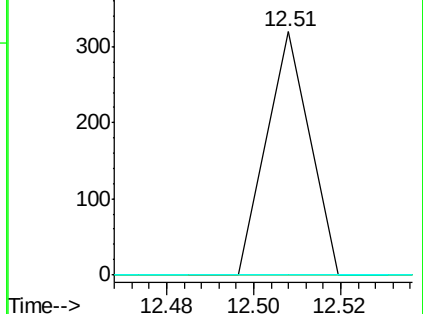
203 0.0 0.0 38.7

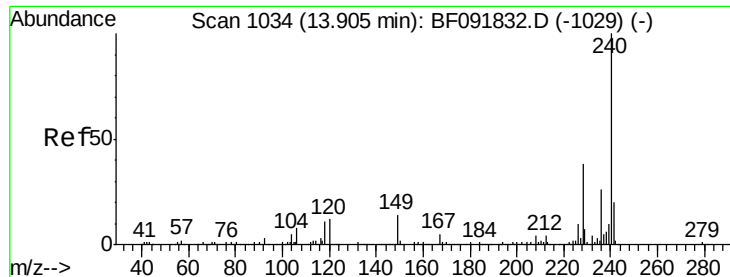


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB-2-11117

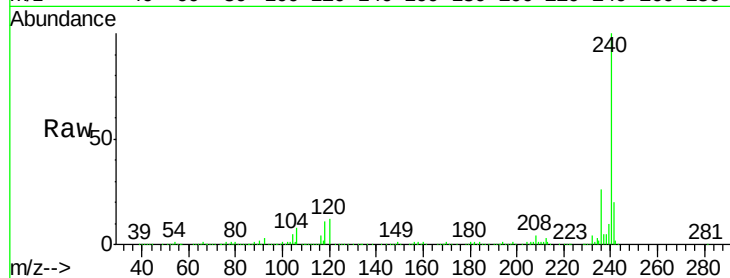
Tgt Ion:240 Resp: 697527

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

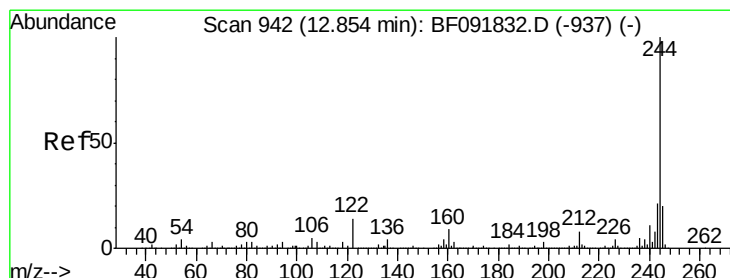
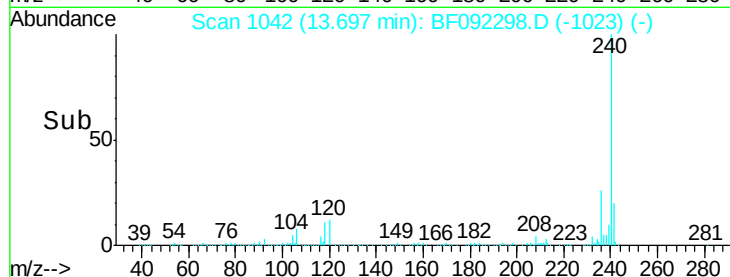
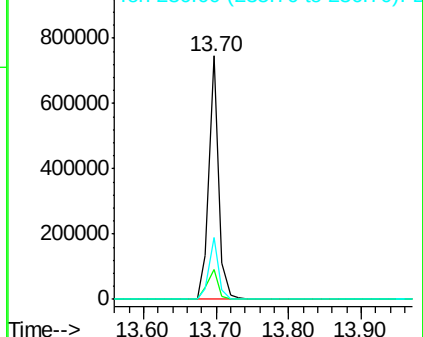
236 25.6 20.9 31.3



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: 76.28 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092298.D

Acq: 16 Jan 2017 21:25

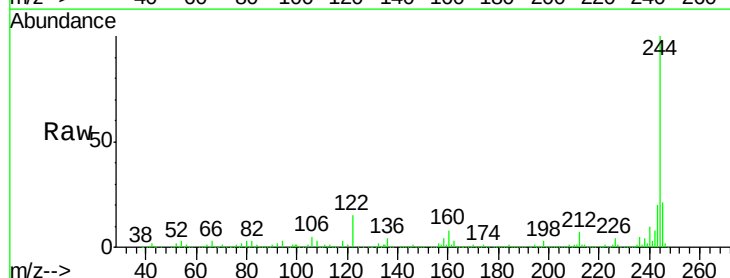
Tgt Ion:244 Resp: 2193970

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

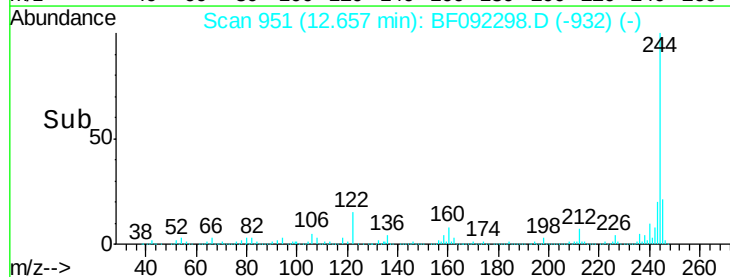
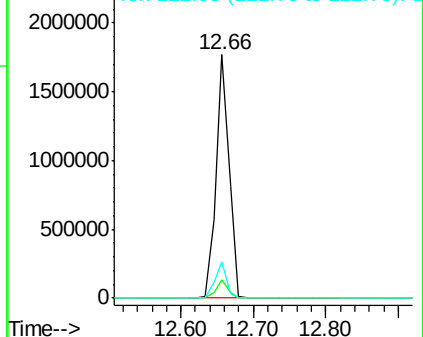
122 14.7 11.4 17.2

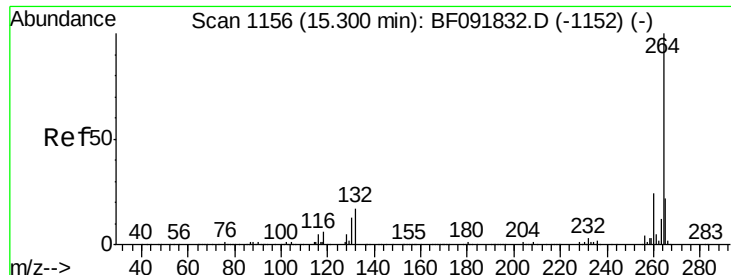


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092298.D
Acq: 16 Jan 2017 21:25

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FB-2-11117

Tgt Ion: 264 Resp: 544580
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.8 17.4 26.0

