

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092083.D
 Acq On : 4 Jan 2017 22:18
 Operator : UM/SJ
 Sample : I1004-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Jan 05 00:07:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173102	20.00	ng	-0.04
21) Naphthalene-d8	7.94	136	309376	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	161635	20.00	ng	-0.06
63) Phenanthrene-d10	11.18	188	280973	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	560830	20.00	ng	-0.06
86) Perylene-d12	15.18	264	469893	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	634181	61.17	ng	-0.06
7) Phenol-d6	6.32	99	681829	53.87	ng	-0.06
23) Nitrobenzene-d5	7.24	82	715852	128.66	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	252468	188.74	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	1090022	147.69	ng	-0.05
78) Terphenyl-d14	12.77	244	1791972	77.49	ng	-0.05

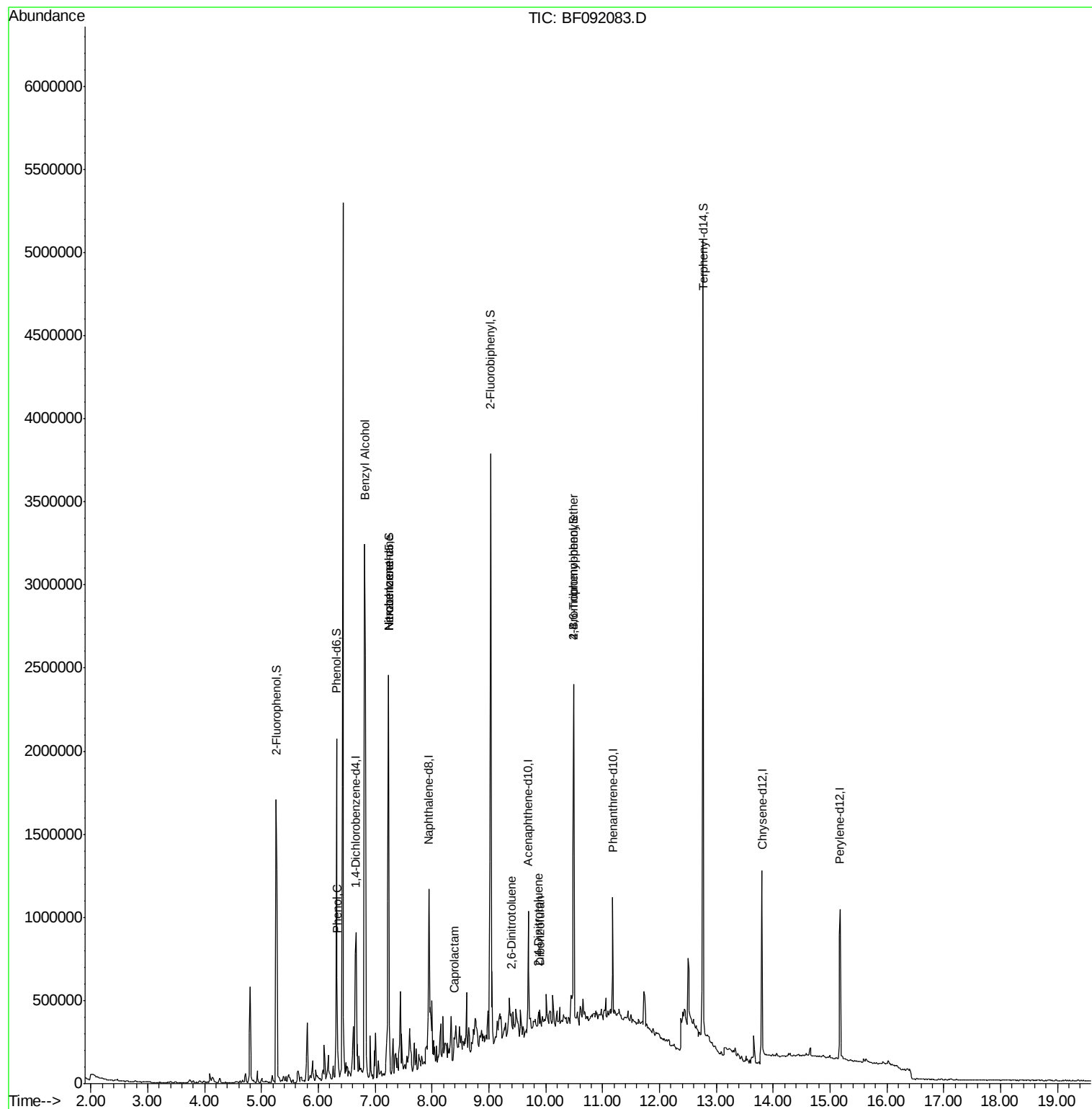
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.17	77	1553	Below Cal	#	34
10) Phenol	6.33	94	64840	4.50	ng	78
15) Benzyl Alcohol	6.81	79	23111	2.35	ng	46
18) Hexachloroethane	7.24	117	186296	39.22	ng	5
24) Nitrobenzene	7.24	77	25190	4.25	ng	15
35) Caprolactam	8.39	113	3667	2.72	ng	1
37) 2-Methylnaphthalene	8.61	142	3117	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.40	165	4551	2.01	ng	94
54) Dibenzofuran	9.90	168	24877	2.02	ng	76
56) 2,4-Dinitrotoluene	9.88	165	8744	3.08	ng	68
66) 4-Bromophenyl-phenylether	10.49	248	18007	6.16	ng	1
71) Anthracene	11.25	178	965	Below Cal	#	2
73) Di-n-butylphthalate	11.75	149	4080	Below Cal	#	13
74) Fluoranthene	12.38	202	1724	Below Cal	#	1
76) Benzidine	12.44	184	1227	Below Cal	#	1

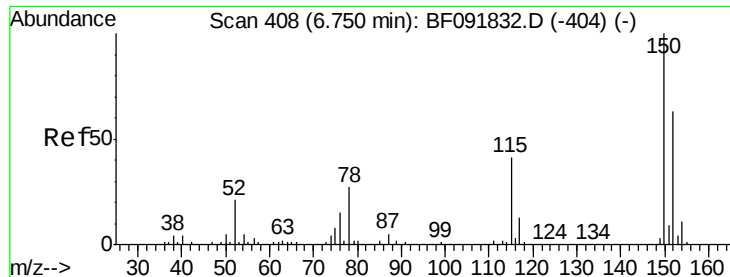
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092083.D

Acq: 4 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

MW-22

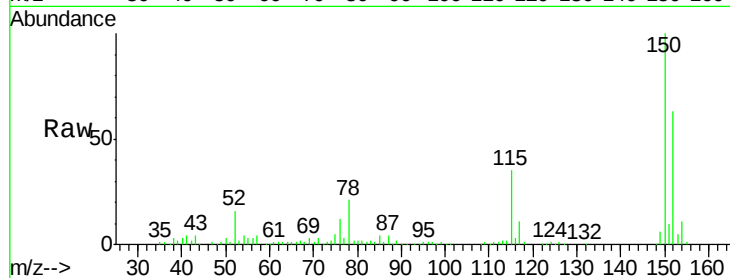
Tgt Ion:152 Resp: 173102

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

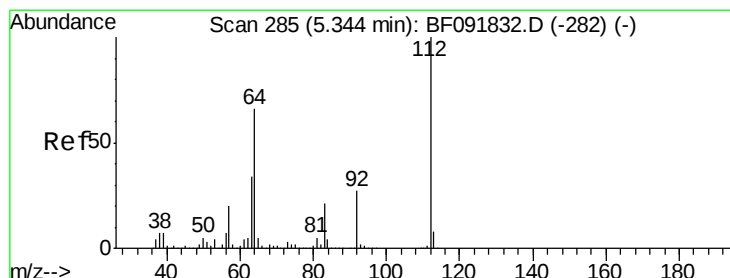
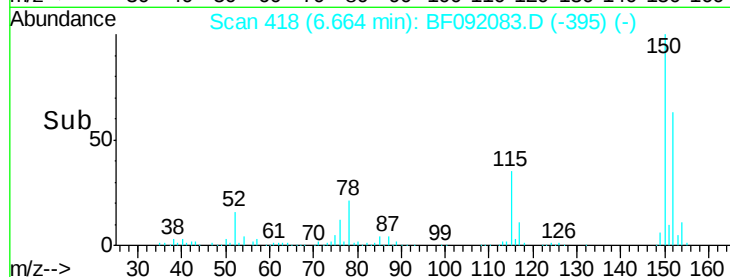
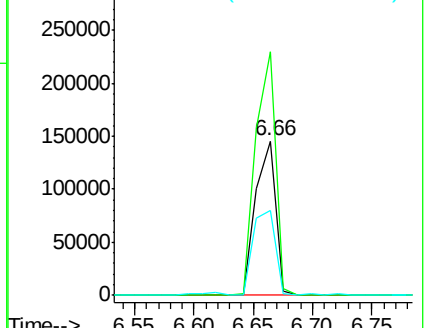
115 55.3 46.0 69.0



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: 61.17 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.06 min

Lab File: BF092083.D

Acq: 4 Jan 2017 22:18

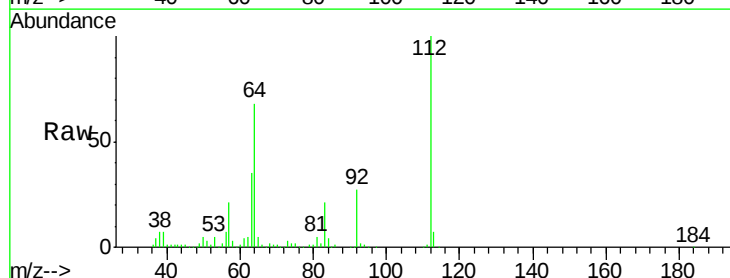
Tgt Ion:112 Resp: 634181

Ion Ratio Lower Upper

112 100

64 68.5 46.1 69.1

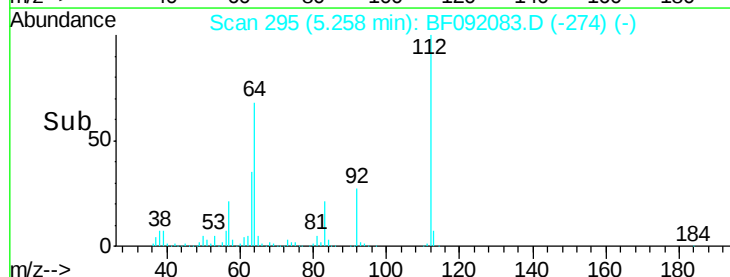
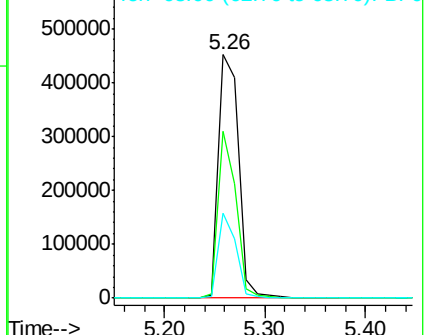
63 35.0 23.8 35.6

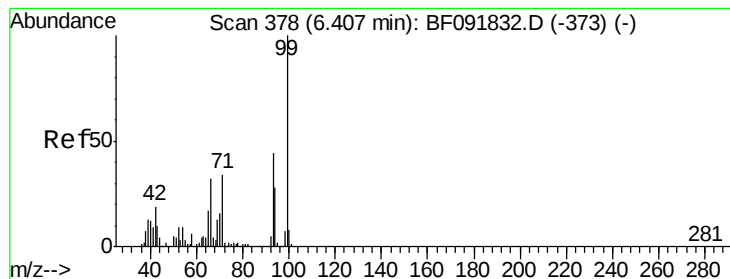


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.87 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092083.D

Acq: 4 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

MW-22

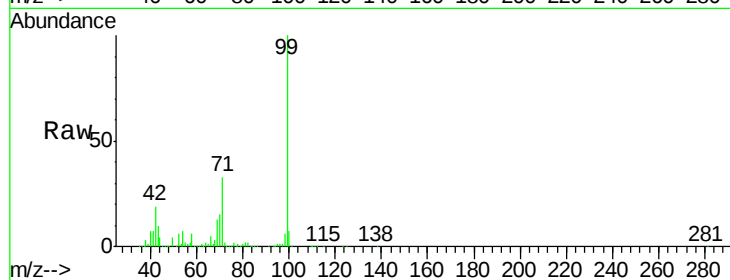
Tgt Ion: 99 Resp: 681829

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

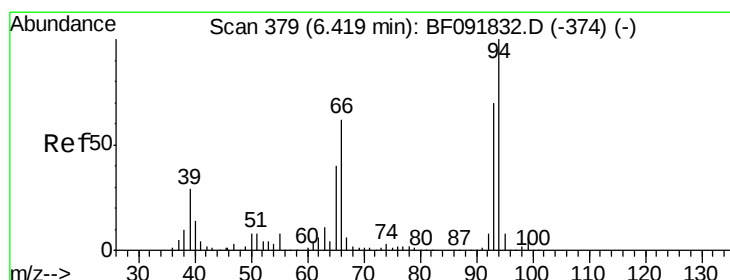
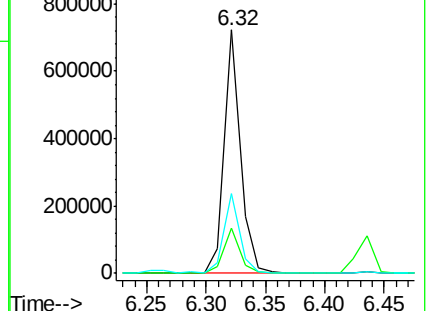
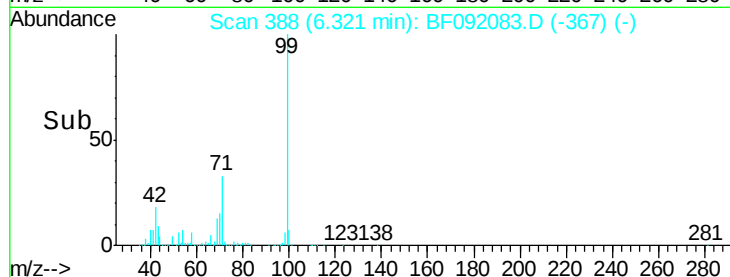
71 32.8 27.5 41.3



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



#10

Phenol

Concen: 4.50 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF092083.D

Acq: 4 Jan 2017 22:18

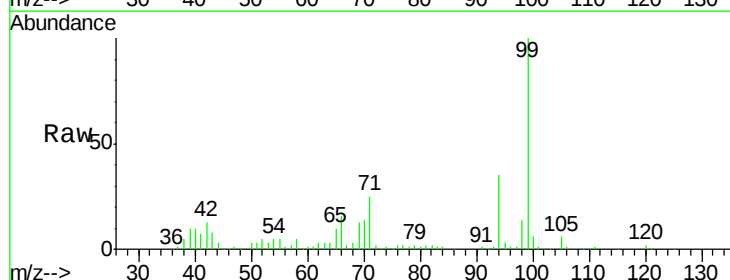
Tgt Ion: 94 Resp: 64840

Ion Ratio Lower Upper

94 100

65 29.6 21.4 61.4

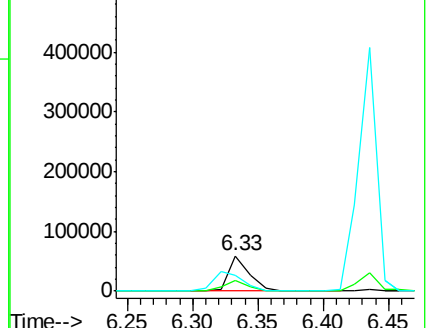
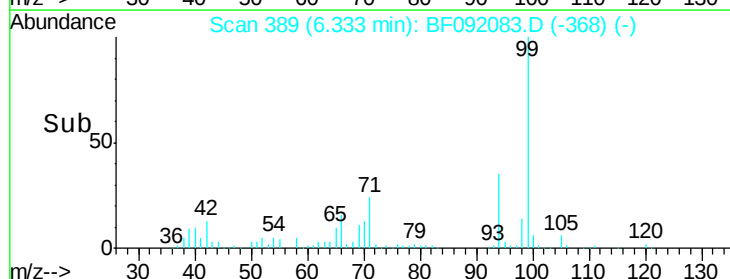
66 44.7 44.0 84.0

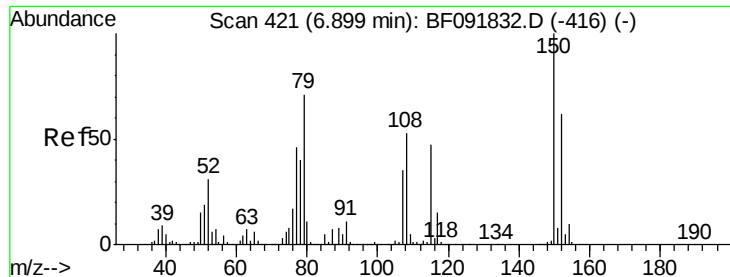


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

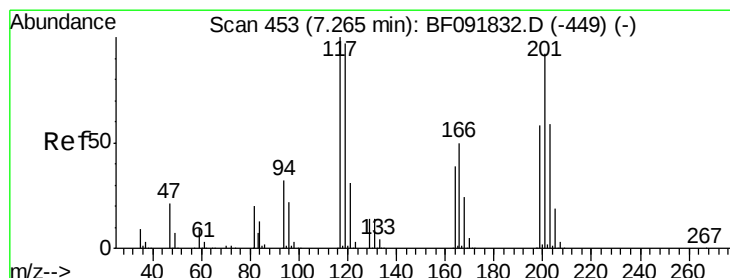
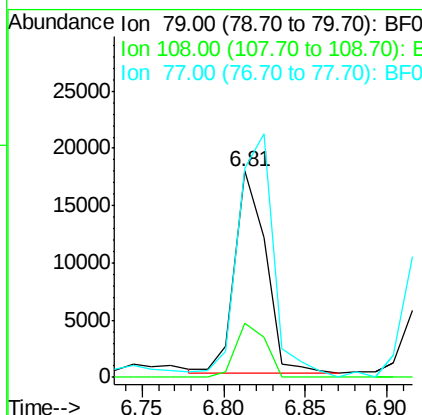
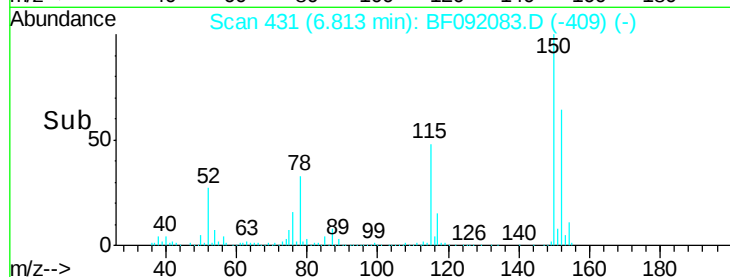
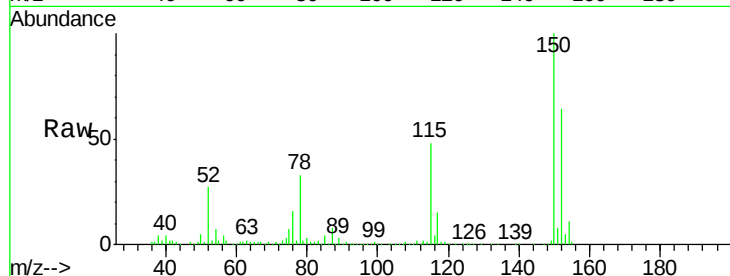




#15
Benzyl Alcohol
Concen: 2.35 ng
RT: 6.81 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF092083.D
Acq: 4 Jan 2017 22:18

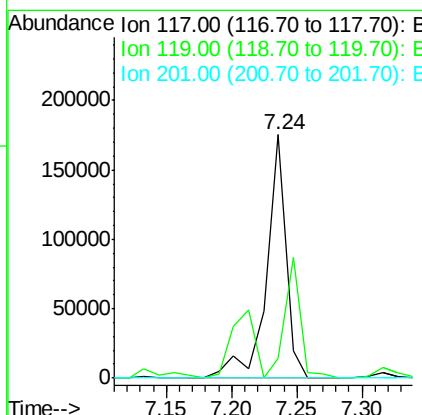
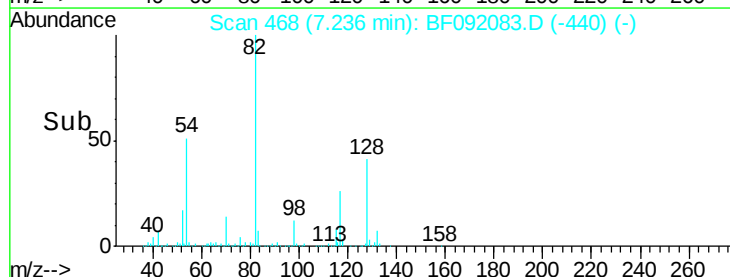
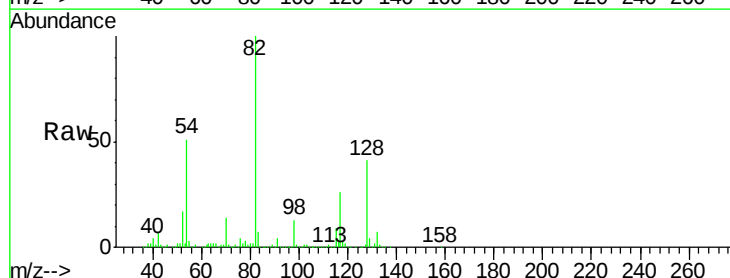
Instrument :
BNA_F
ClientSampled :
MW-22

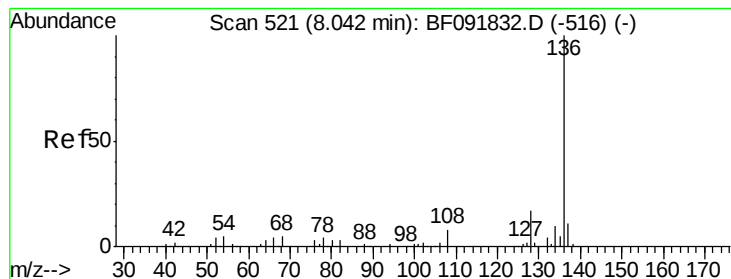
Tgt Ion: 79 Resp: 23111
Ion Ratio Lower Upper
79 100
108 26.3 61.4 92.0#
77 101.4 50.9 76.3#



#18
Hexachloroethane
Concen: 39.22 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.02 min
Lab File: BF092083.D
Acq: 4 Jan 2017 22:18

Tgt Ion: 117 Resp: 186296
Ion Ratio Lower Upper
117 100
119 8.1 78.1 117.1#
201 0.0 78.6 117.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF092083.D

Acq: 4 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

MW-22

Tgt Ion:136 Resp: 309376

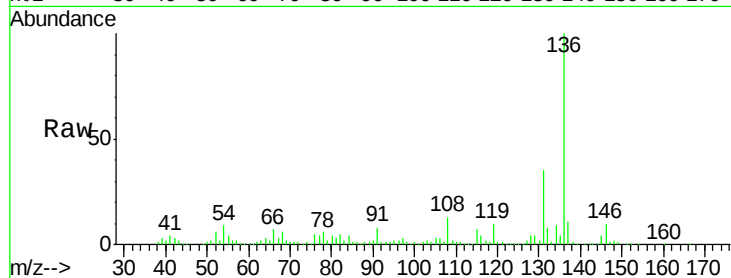
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.3 4.5 6.7#

68 6.0 3.6 5.4#

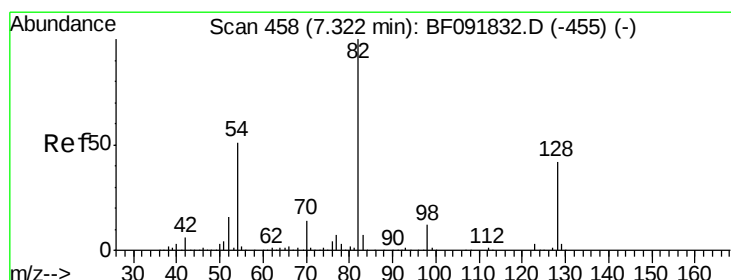
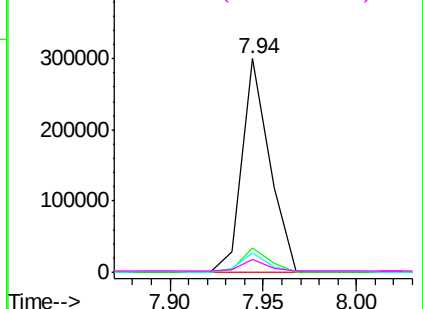
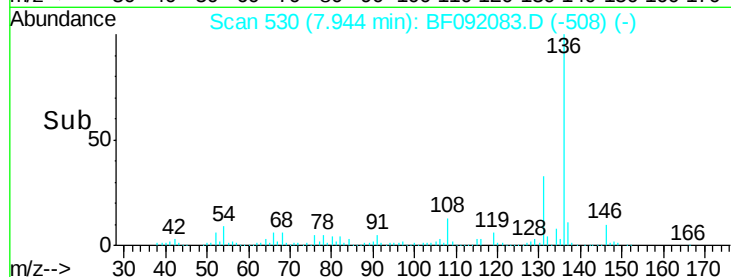


Abundance Ion 136.00 (135.70 to 136.70): E

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: 128.66 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF092083.D

Acq: 4 Jan 2017 22:18

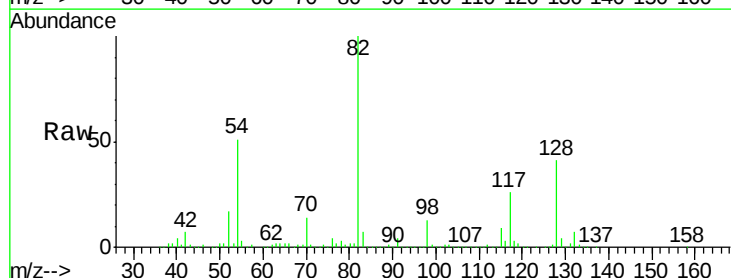
Tgt Ion: 82 Resp: 715852

Ion Ratio Lower Upper

82 100

128 40.9 34.6 52.0

54 50.8 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

