

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090978.D
 Acq On : 2 Nov 2016 14:35
 Operator : UM/SJ
 Sample : H5491-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-68-6.4-9

Quant Time: Nov 02 23:08:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

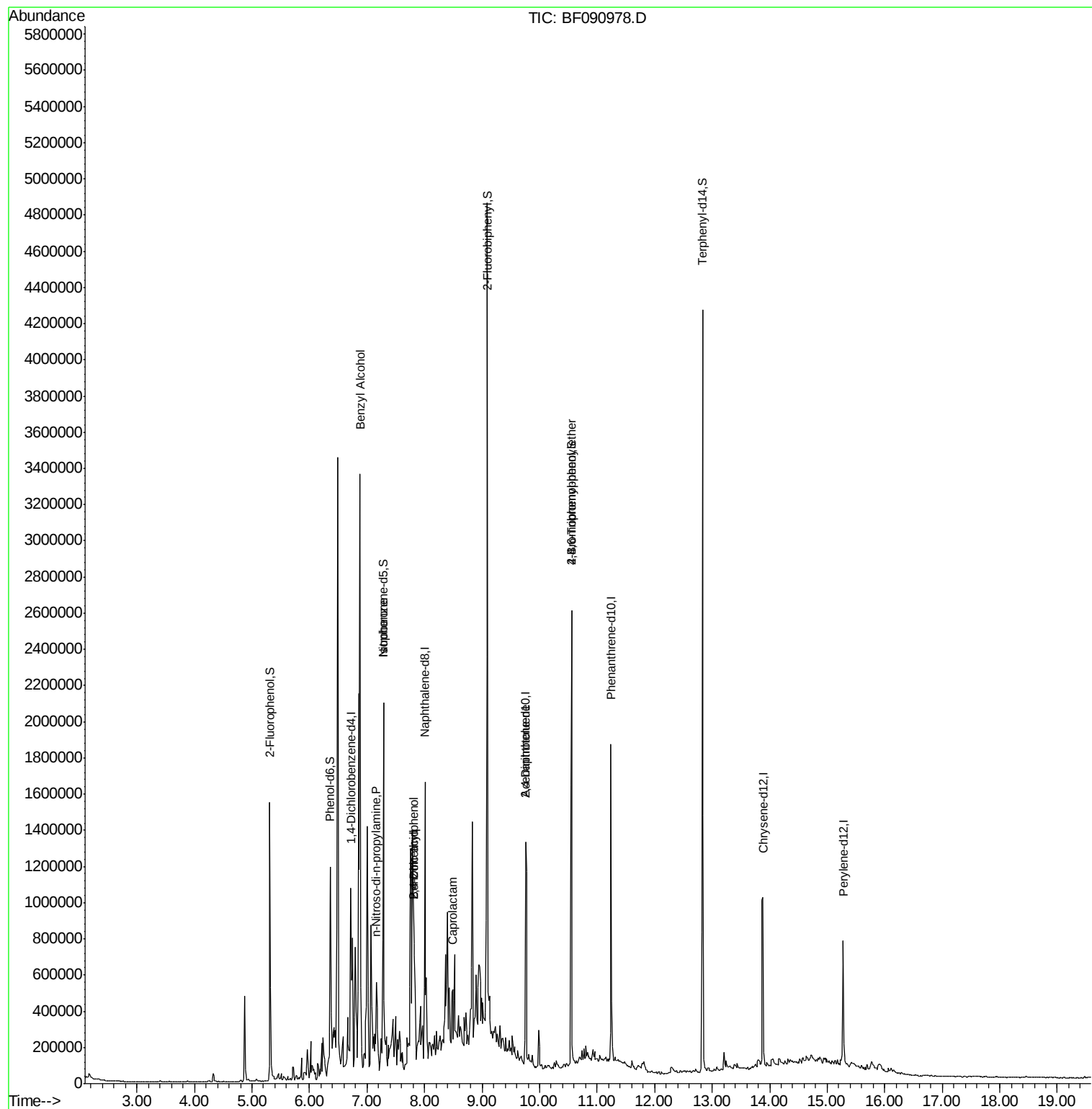
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167524	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	727059	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	389444	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	653431	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	502427	20.00	ng	-0.02
86) Perylene-d12	15.28	264	354666	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	502043	52.40	ng	-0.02
7) Phenol-d6	6.36	99	427963	33.11	ng	-0.03
23) Nitrobenzene-d5	7.29	82	828775	74.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	458702	114.61	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1764214	79.55	ng	-0.02
78) Terphenyl-d14	12.83	244	1589309	79.69	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.88	79	20786	2.45	ng	# 30
19) n-Nitroso-di-n-propylamine	7.16	70	48587	6.50	ng	# 36
25) Isophorone	7.29	82	645782	28.65	ng	# 59
27) 2,4-Dimethylphenol	7.81	122	142190	13.96	ng	# 14
32) Benzoic acid	7.81	122	150127	20.29	ng	# 66
35) Caprolactam	8.49	113	15355	5.24	ng	94
56) 2,4-Dinitrotoluene	9.76	165	54086	7.58	ng	# 34
66) 4-Bromophenyl-phenylether	10.56	248	29274	4.09	ng	# 1

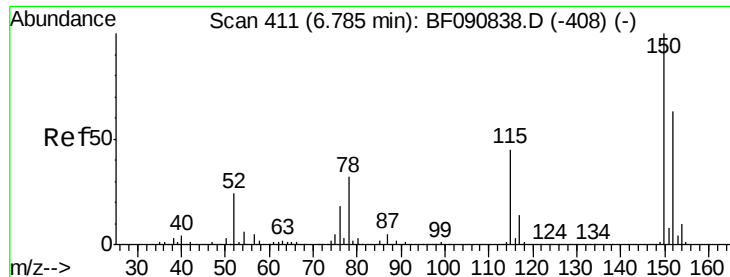
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampled :

GW-68-6.4-9

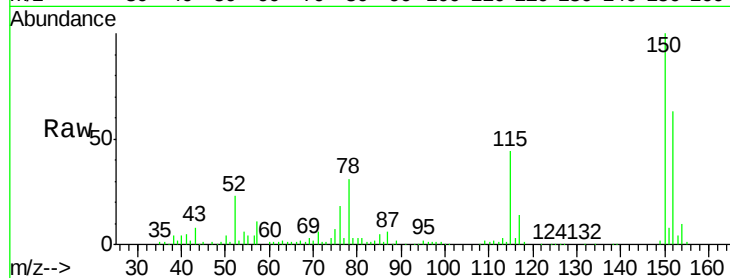
Tgt Ion:152 Resp: 167524

Ion Ratio Lower Upper

152 100

150 157.8 124.7 187.1

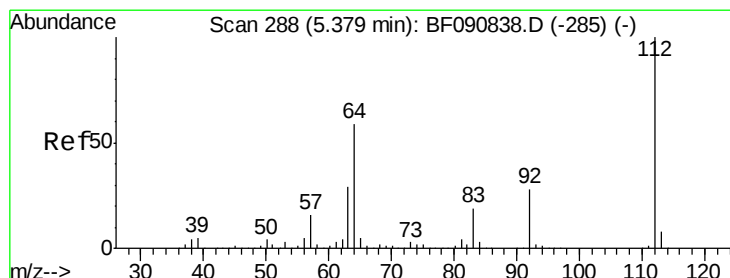
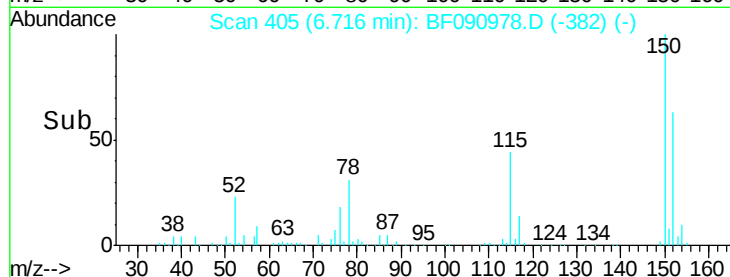
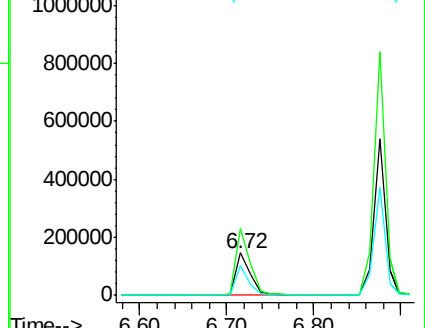
115 69.7 39.0 58.4#



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: 52.40 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

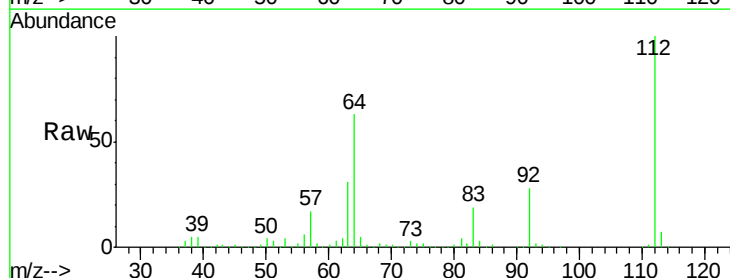
Tgt Ion:112 Resp: 502043

Ion Ratio Lower Upper

112 100

64 63.2 39.7 59.5#

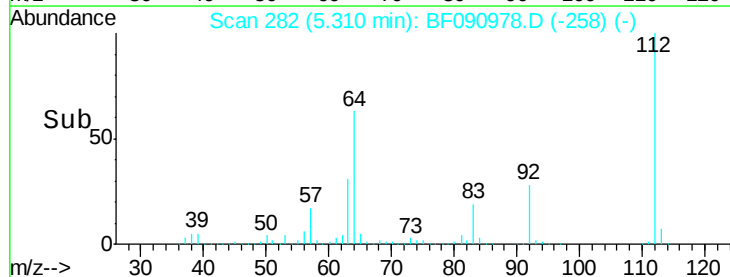
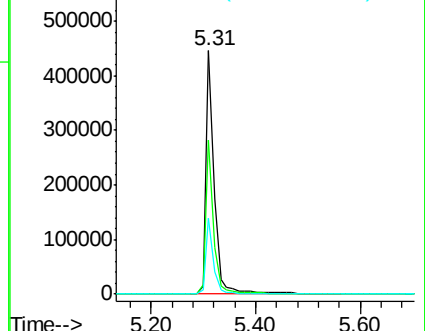
63 31.1 17.4 26.0#

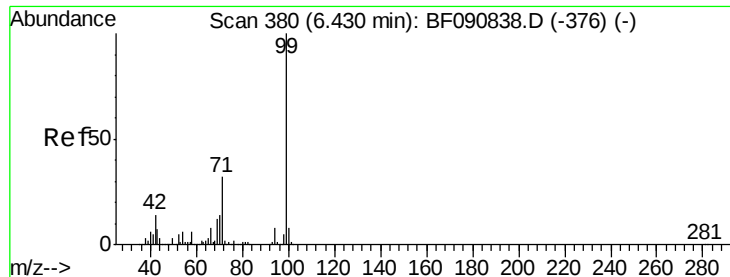


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.11 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

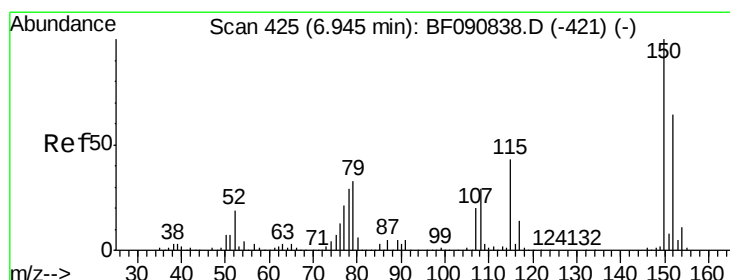
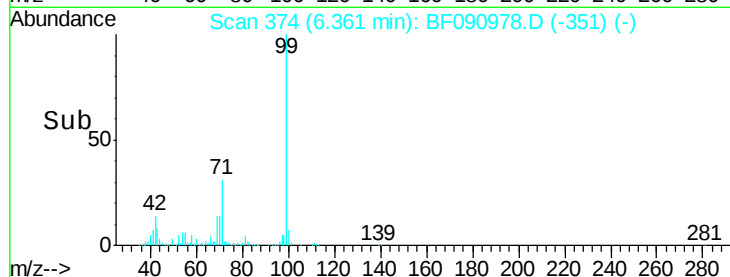
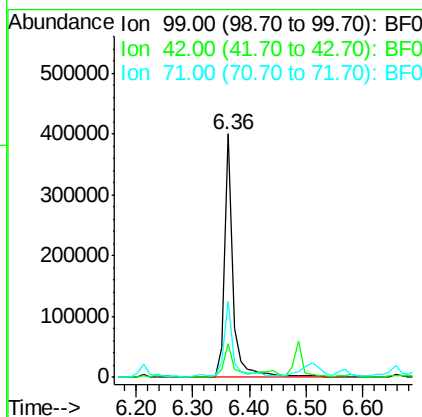
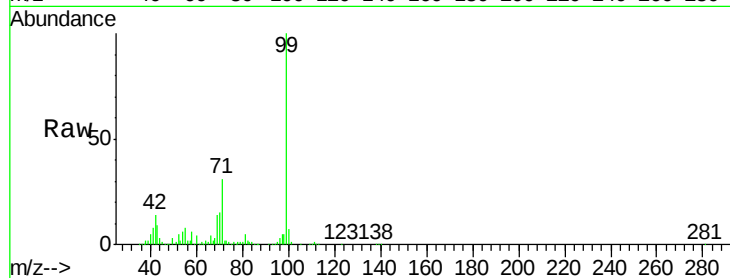
Tgt Ion: 99 Resp: 427963

Ion Ratio Lower Upper

99 100

42 13.8 13.7 20.5

71 31.0 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.45 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

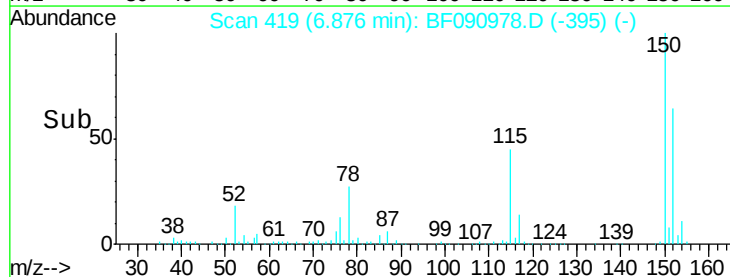
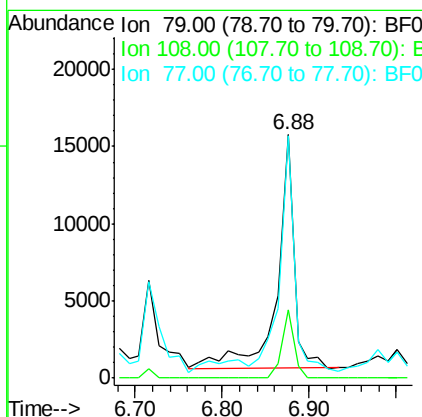
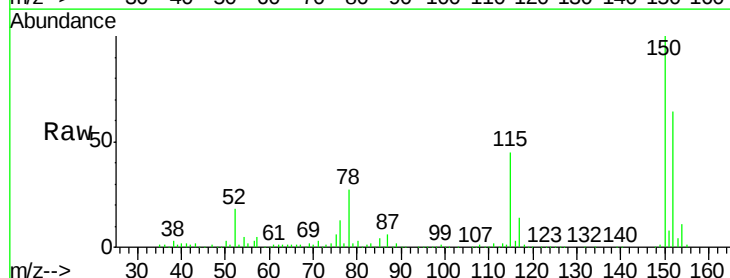
Tgt Ion: 79 Resp: 20786

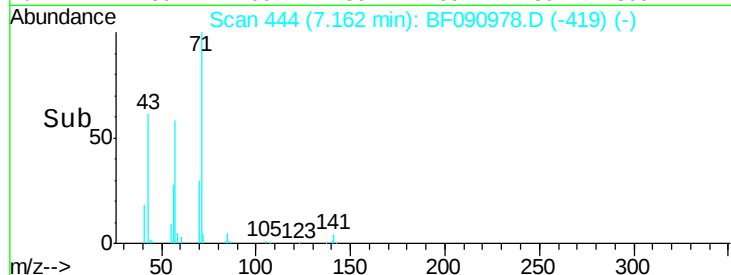
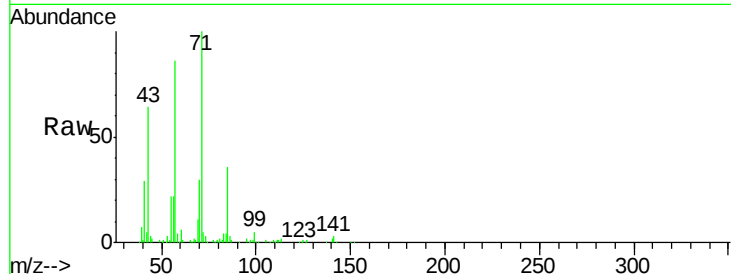
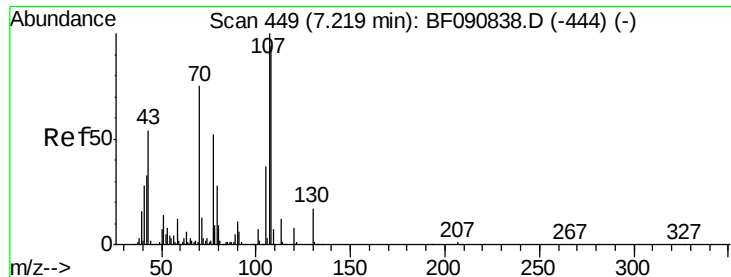
Ion Ratio Lower Upper

79 100

108 27.9 88.6 132.8#

77 99.6 47.0 70.4#

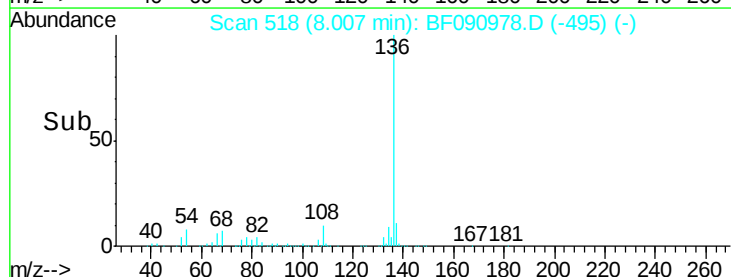
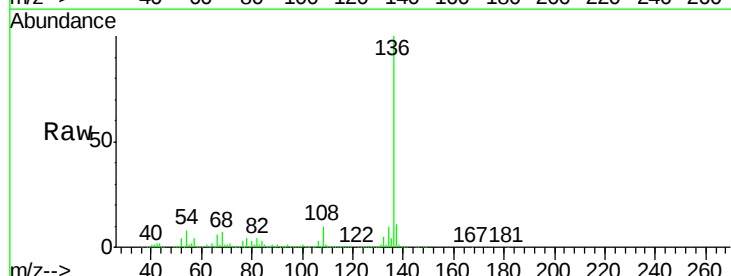
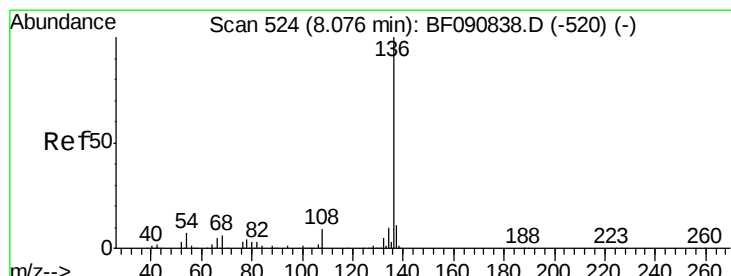
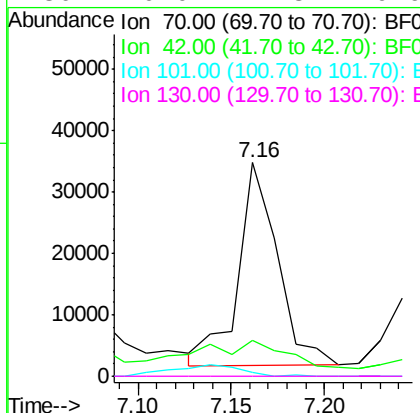




#19
n-Nitroso-di-n-propylamine
Concen: 6.50 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090978.D
Acq: 2 Nov 2016 14:35

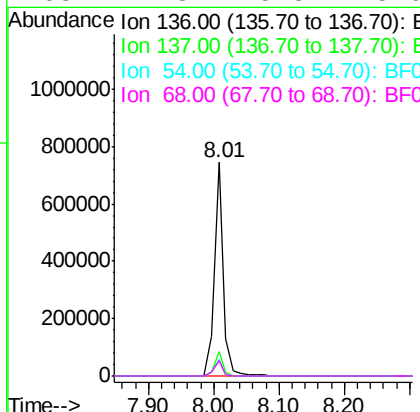
Instrument :
BNA_F
ClientSampleId :
GW-68-6.4-9

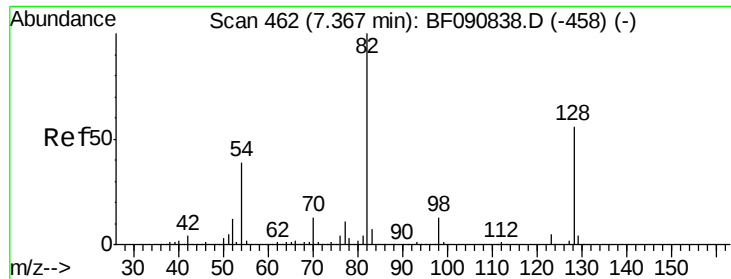
Tgt Ion: 70 Resp: 48587
Ion Ratio Lower Upper
70 100
42 16.6 63.8 95.6#
101 1.6 9.2 13.8#
130 0.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090978.D
Acq: 2 Nov 2016 14:35

Tgt Ion: 136 Resp: 727059
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.9 8.2 12.2#
68 7.3 5.8 8.6

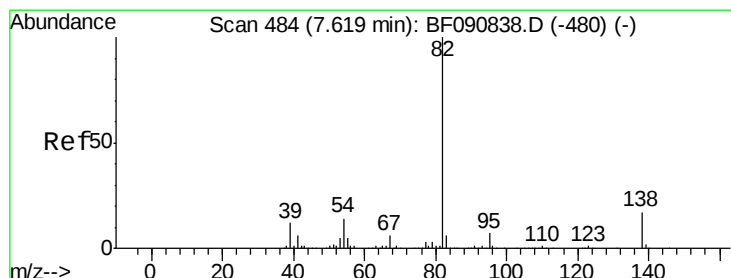
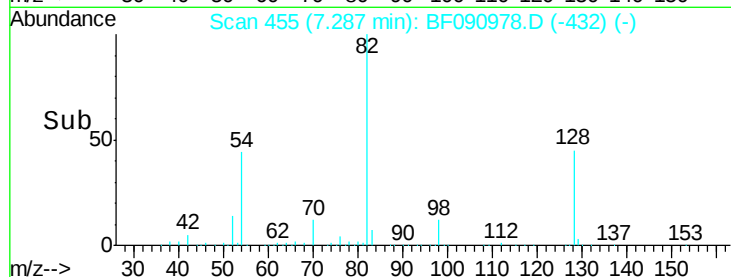
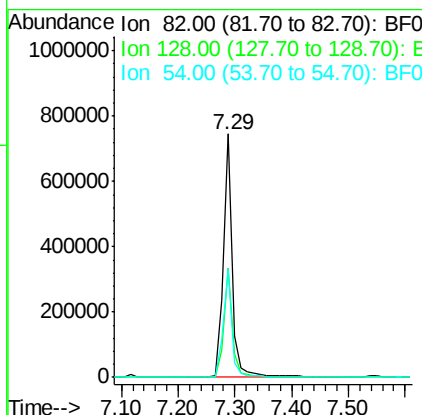
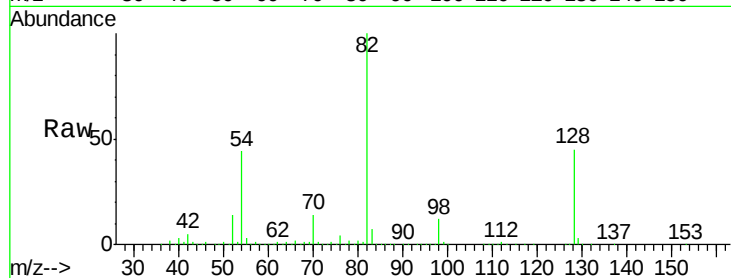




#23
Nitrobenzene-d5
Concen: 74.62 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF090978.D
Acq: 2 Nov 2016 14:35

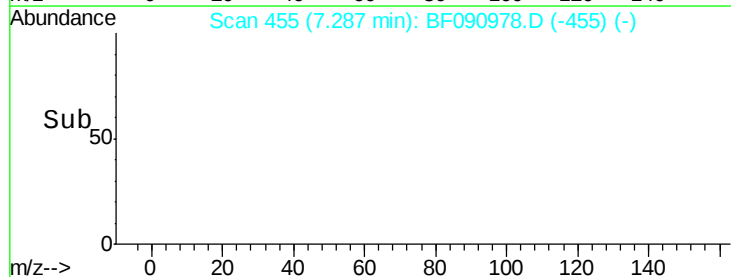
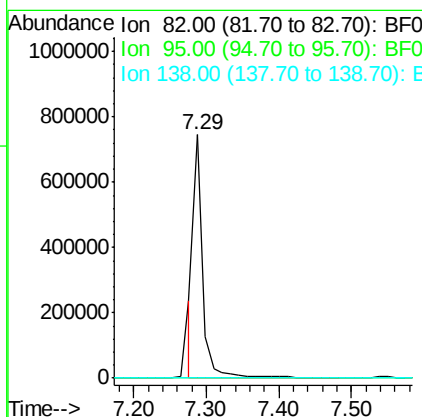
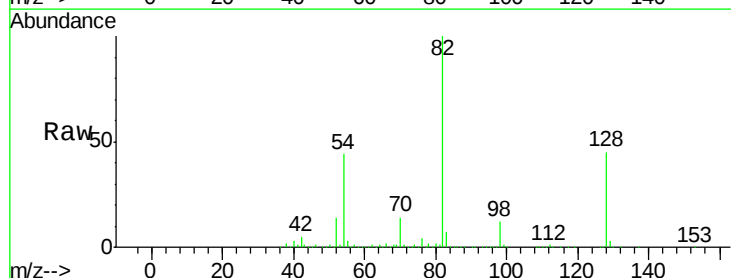
Instrument :
BNA_F
ClientSampleId :
GW-68-6.4-9

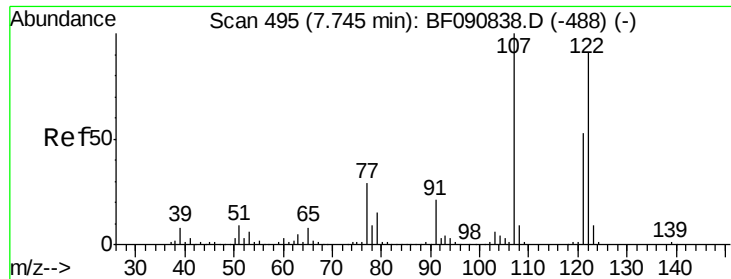
Tgt Ion: 82 Resp: 828775
Ion Ratio Lower Upper
82 100
128 45.1 51.0 76.6#
54 44.1 47.5 71.3#



#25
Isophorone
Concen: 28.65 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.30 min
Lab File: BF090978.D
Acq: 2 Nov 2016 14:35

Tgt Ion: 82 Resp: 645782
Ion Ratio Lower Upper
82 100
95 0.2 4.0 6.0#
138 0.0 18.3 27.5#

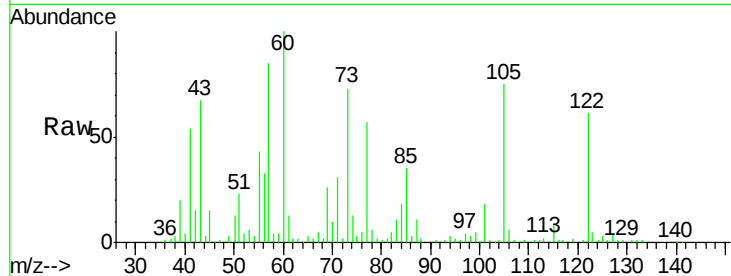




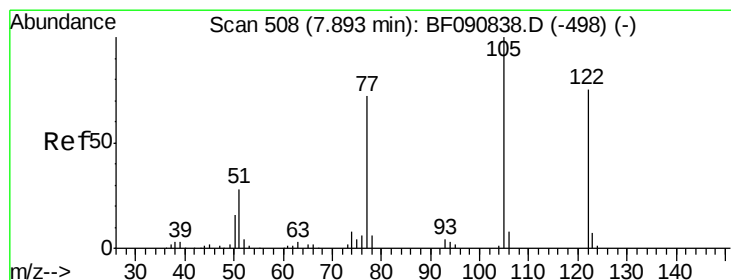
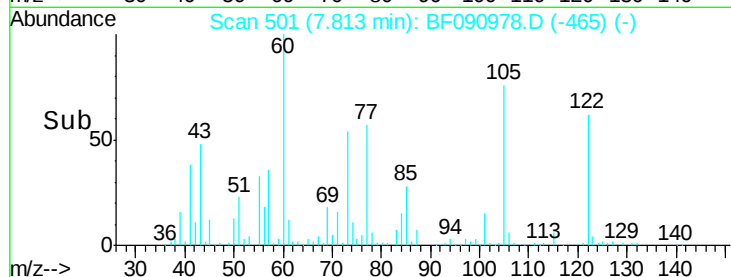
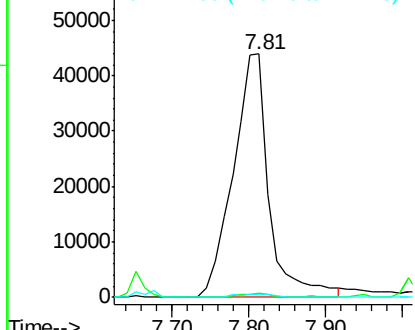
#27
 2,4-Dimethylphenol
 Concen: 13.96 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.11 min
 Lab File: BF090978.D
 Acq: 2 Nov 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-68-6.4-9

Tgt Ion:122 Resp: 142190
 Ion Ratio Lower Upper
 122 100
 107 2.0 71.8 107.6#
 121 1.4 42.3 63.5#

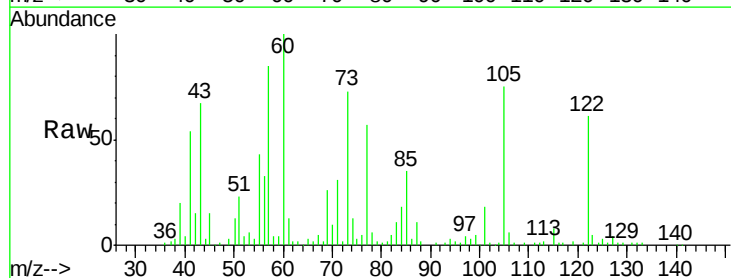


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

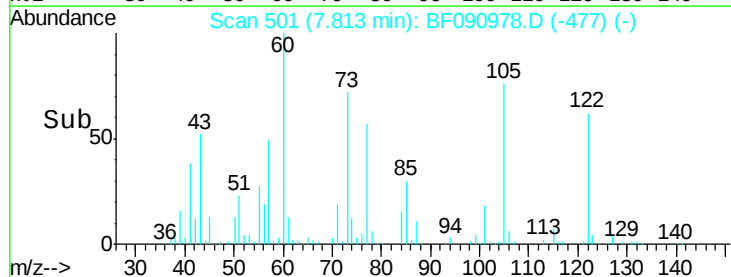
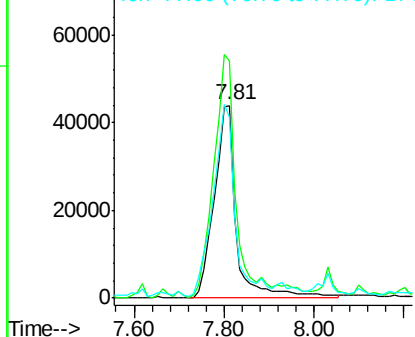


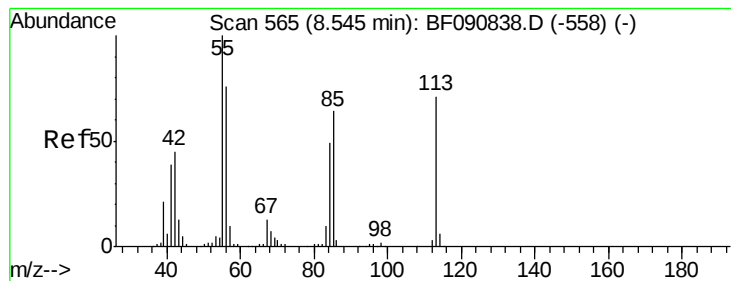
#32
 Benzoic acid
 Concen: 20.29 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: BF090978.D
 Acq: 2 Nov 2016 14:35

Tgt Ion:122 Resp: 150127
 Ion Ratio Lower Upper
 122 100
 105 123.2 76.1 116.1#
 77 93.9 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 5.24 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

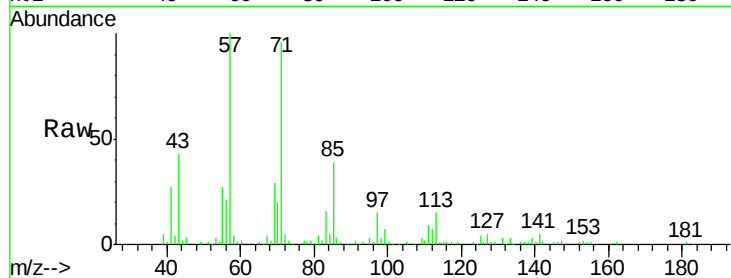
Tgt Ion:113 Resp: 15355

Ion Ratio Lower Upper

113 100

55 176.0 152.4 192.4

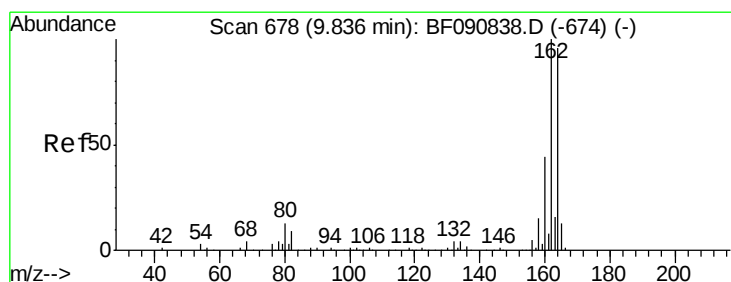
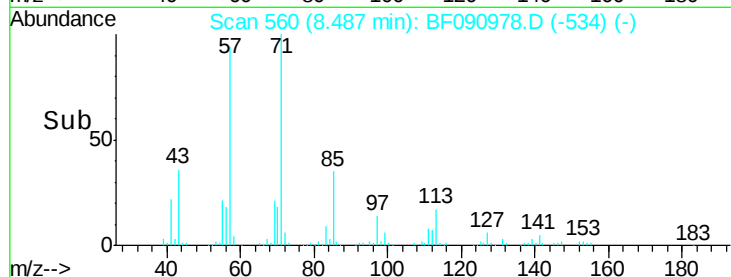
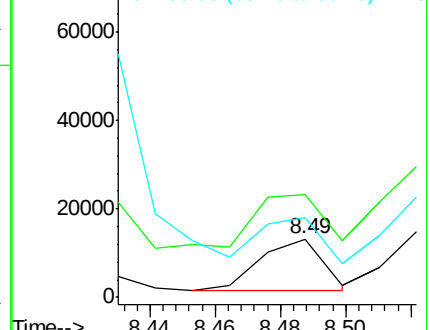
56 137.0 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

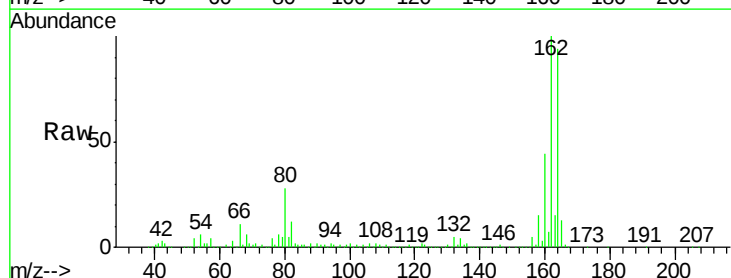
Tgt Ion:164 Resp: 389444

Ion Ratio Lower Upper

164 100

162 106.7 75.2 112.8

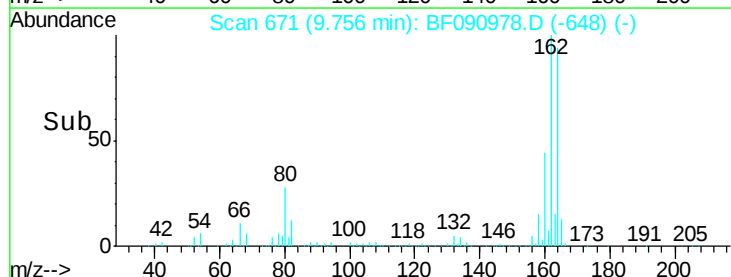
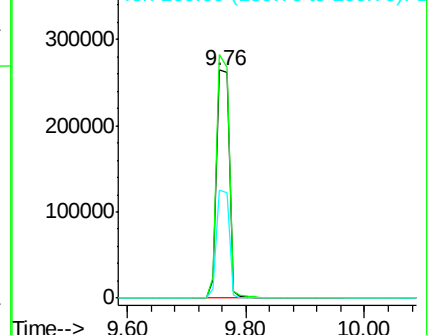
160 47.1 31.5 47.3

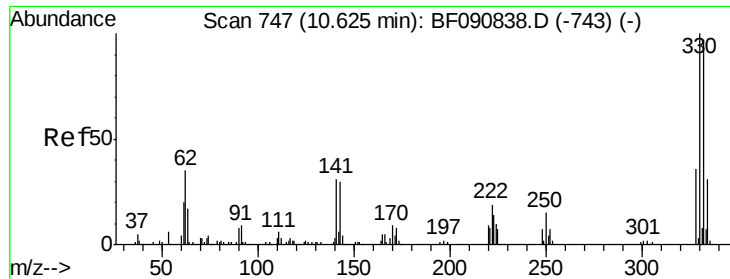


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

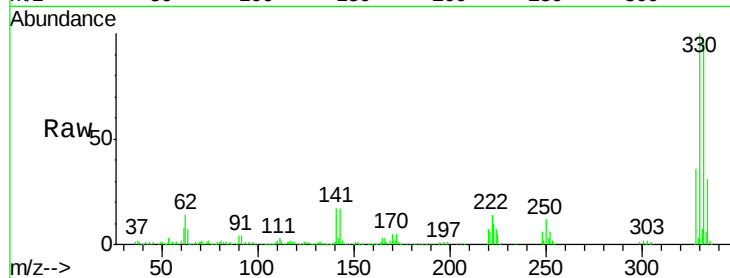




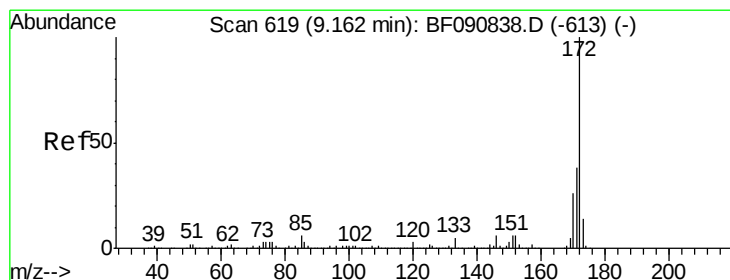
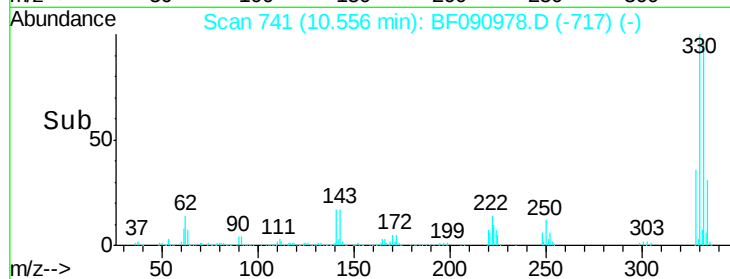
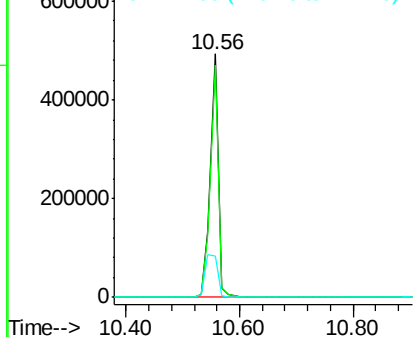
#41
 2,4,6-Tribromophenol
 Concen: 114.61 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090978.D
 Acq: 2 Nov 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-68-6.4-9

Tgt Ion:330 Resp: 458702
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 27.7 29.7 44.5#

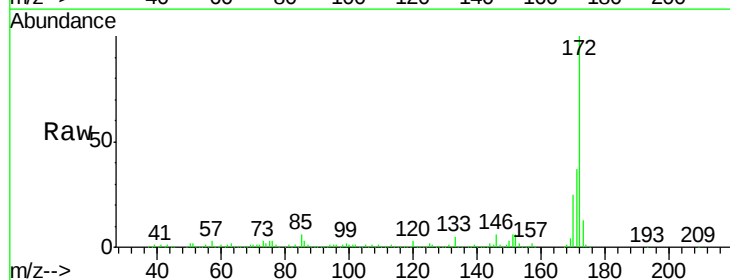


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.55 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090978.D
 Acq: 2 Nov 2016 14:35

Tgt Ion:172 Resp: 1764214
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.0 17.4 26.2



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

