

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091058.D
 Acq On : 7 Nov 2016 16:18
 Operator : UM/SJ
 Sample : H5536-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW06-GW

Quant Time: Nov 07 23:55:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

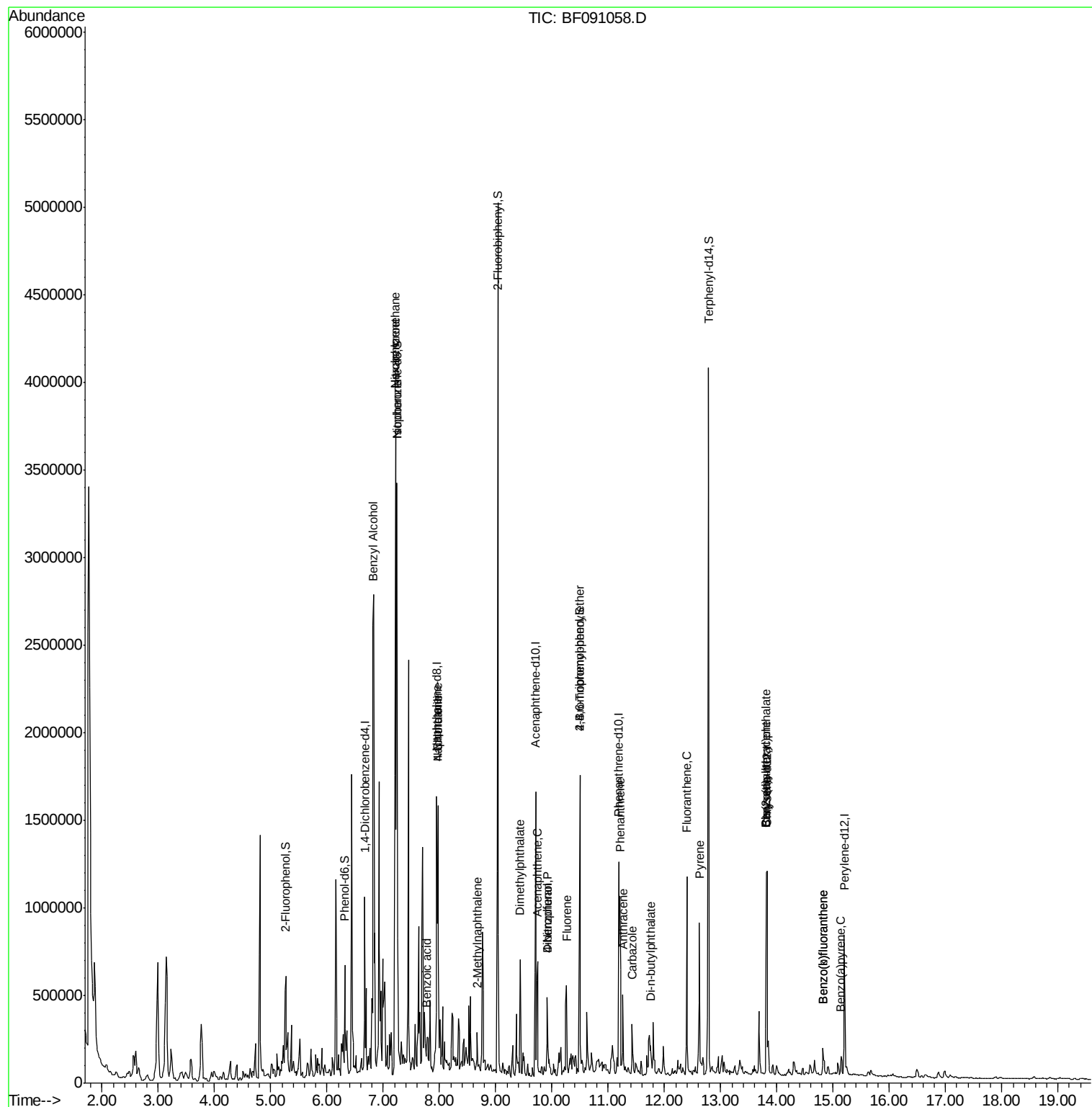
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	158038	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	632635	20.00	ng	-0.05
38) Acenaphthene-d10	9.71	164	350058	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	510621	20.00	ng	-0.05
75) Chrysene-d12	13.83	240	452177	20.00	ng	-0.03
86) Perylene-d12	15.20	264	354232	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	271501	28.37	ng	-0.02
7) Phenol-d6	6.32	99	285302	21.97	ng	-0.03
23) Nitrobenzene-d5	7.24	82	1094237	94.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	206272	65.18	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1612105	79.29	ng	-0.03
78) Terphenyl-d14	12.79	244	1804757	99.60	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.82	79	20560	2.24	ng	# 55
18) Hexachloroethane	7.22	117	180338	37.62	ng	# 1
24) Nitrobenzene	7.22	77	149154	11.65	ng	# 20
25) Isophorone	7.24	82	1065205	47.67	ng	# 67
31) Naphthalene	7.97	128	501241	16.57	ng	98
32) Benzoic acid	7.77	122	692	5.16	ng	# 1
33) 4-Chloroaniline	7.97	127	75934	6.03	ng	# 41
37) 2-Methylnaphthalene	8.67	142	68504	3.52	ng	99
49) Dimethylphthalate	9.44	163	256650	11.18	ng	98
51) Acenaphthene	9.74	154	200686	10.57	ng	99
54) Dibenzofuran	9.92	168	169970	6.65	ng	95
55) 4-Nitrophenol	9.92	139	69540	22.35	ng	# 3
57) Fluorene	10.26	166	186643	8.93	ng	99
66) 4-Bromophenyl-phenylether	10.50	248	14060	2.65	ng	# 1
70) Phenanthrene	11.21	178	435625	16.05	ng	99
71) Anthracene	11.26	178	187389	6.49	ng	98
72) Carbazole	11.43	167	102839	3.95	ng	98
73) Di-n-butylphthalate	11.76	149	67852	2.07	ng	98
74) Fluoranthene	12.40	202	419975	14.92	ng	95
77) Pyrene	12.63	202	350238	11.83	ng	98
80) Benzo(a)anthracene	13.81	228	120790	4.70	ng	98
82) Chrysene	13.81	228	120790	4.77	ng	96
83) Bis(2-ethylhexyl)phthalate	13.81	149	78331	4.09	ng	# 99
87) Benzo(b)fluoranthene	14.82	252	101476	4.22	ng	# 96
88) Benzo(k)fluoranthene	14.82	252	101476	4.81	ng	98
89) Benzo(a)pyrene	15.14	252	51999	2.49	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

RMAB-MW06-GW

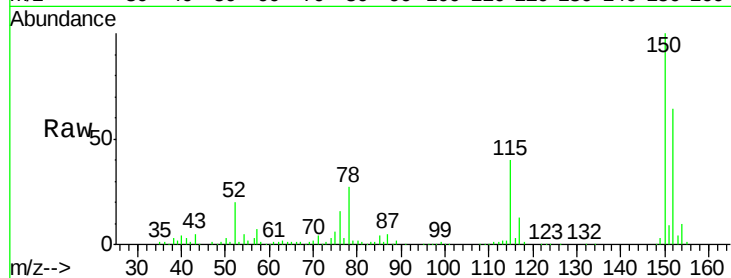
Tgt Ion:152 Resp: 158038

Ion Ratio Lower Upper

152 100

150 155.3 126.8 190.2

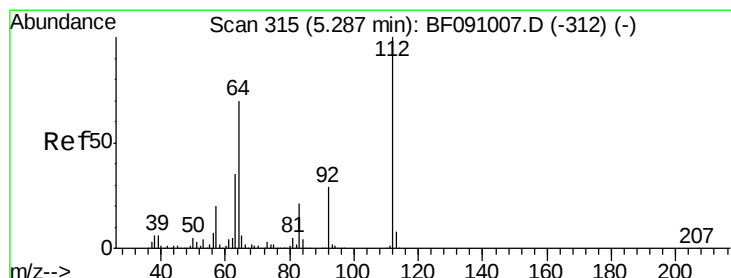
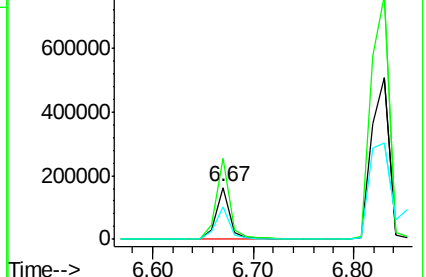
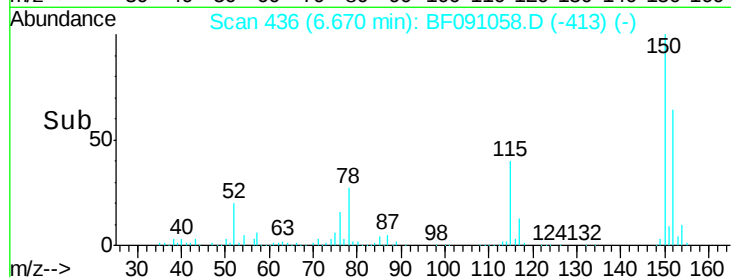
115 62.1 53.3 79.9



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: 28.37 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

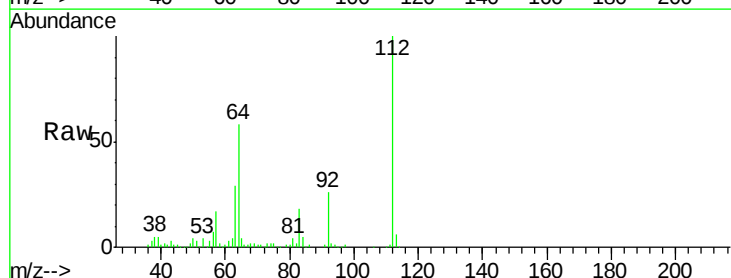
Tgt Ion:112 Resp: 271501

Ion Ratio Lower Upper

112 100

64 58.1 55.8 83.6

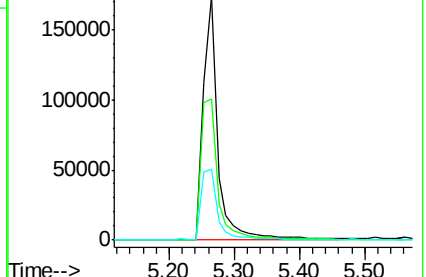
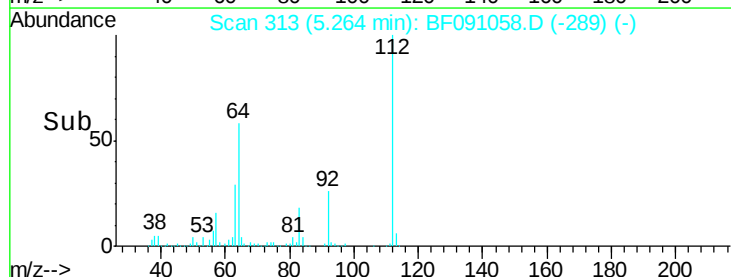
63 29.2 28.0 42.0

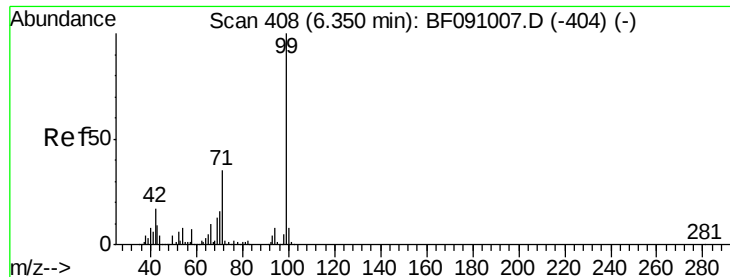


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.97 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

RMAB-MW06-GW

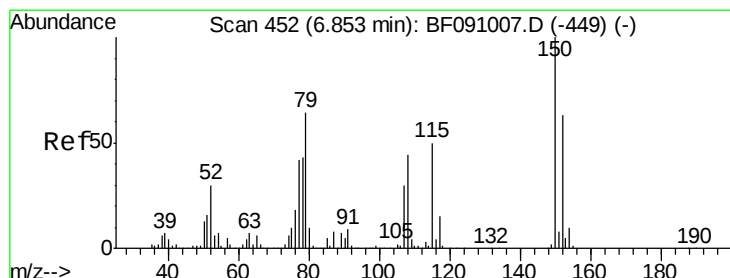
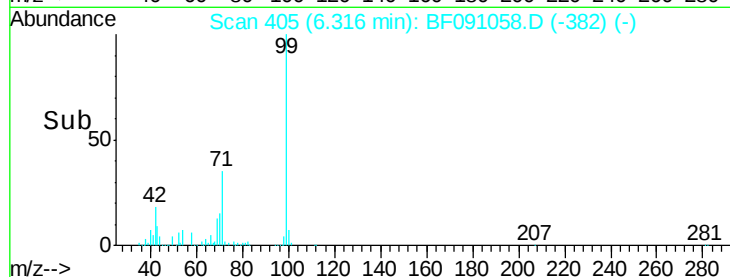
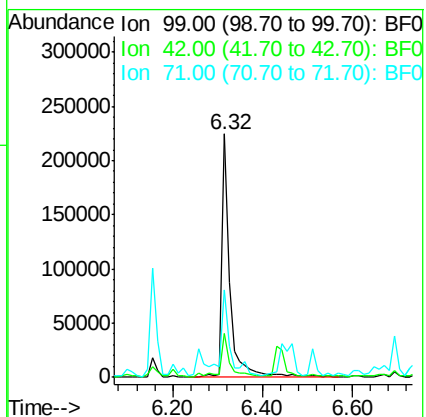
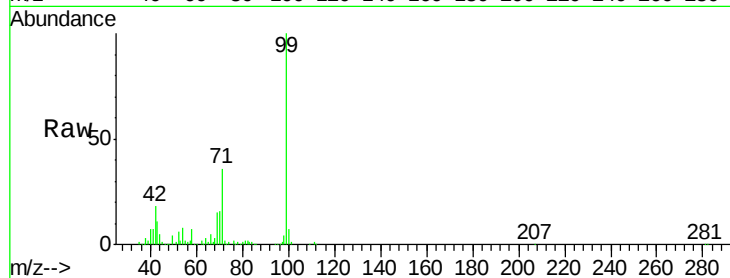
Tgt Ion: 99 Resp: 285302

Ion Ratio Lower Upper

99 100

42 18.1 13.9 20.9

71 36.1 27.8 41.8



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

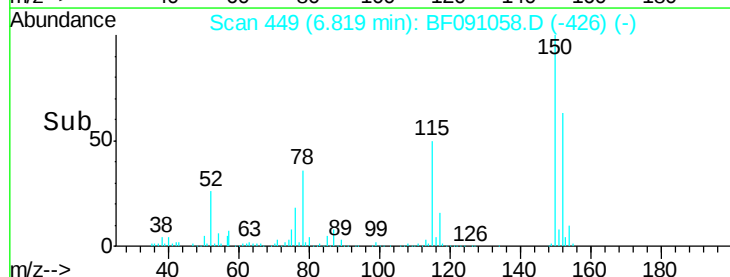
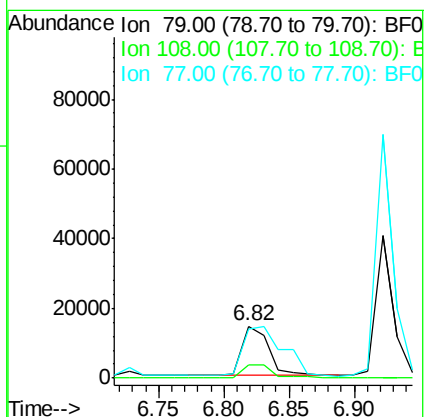
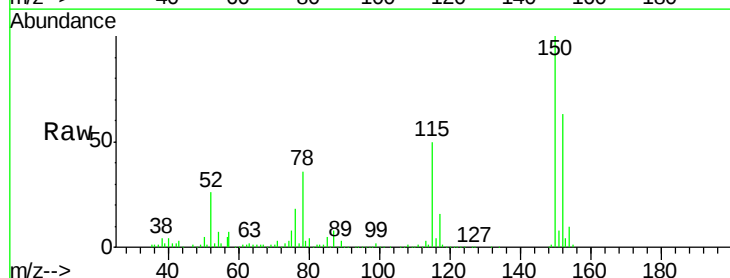
Tgt Ion: 79 Resp: 20560

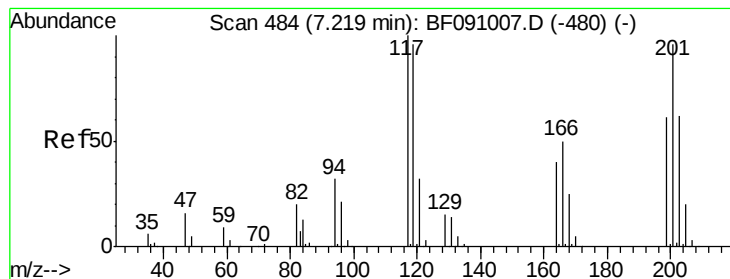
Ion Ratio Lower Upper

79 100

108 25.0 55.7 83.5#

77 93.5 52.6 79.0#





#18

Hexachloroethane

Concen: 37.62 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

RMAB-MW06-GW

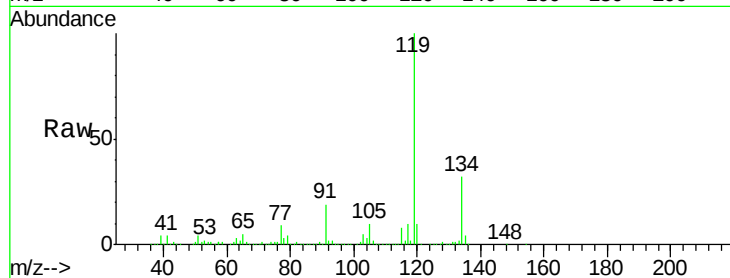
Tgt Ion:117 Resp: 180338

Ion Ratio Lower Upper

117 100

119 1037.1 76.6 115.0#

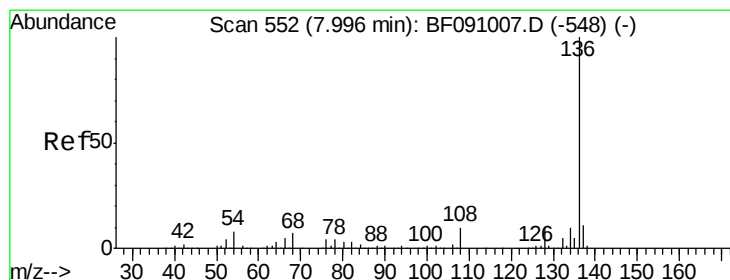
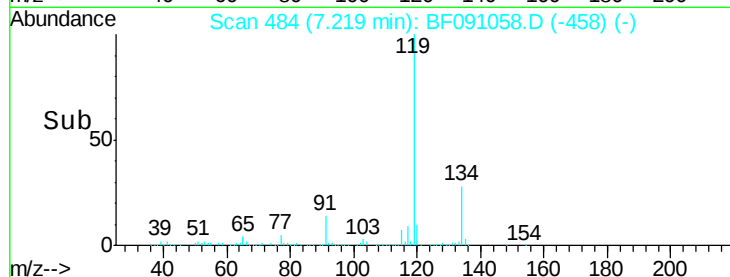
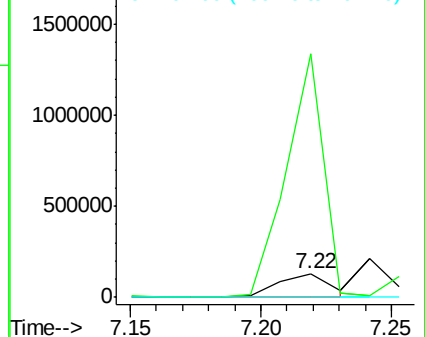
201 0.0 77.1 115.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

Tgt Ion:136 Resp: 632635

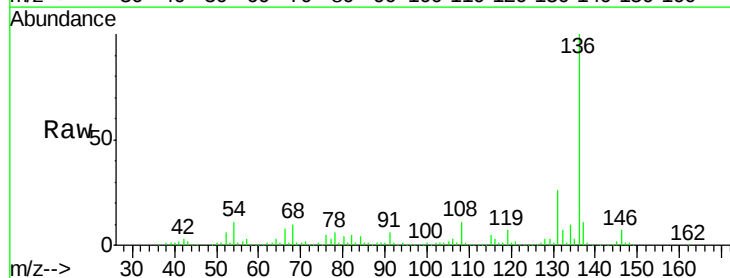
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 11.2 6.2 9.2#

68 9.6 5.5 8.3#

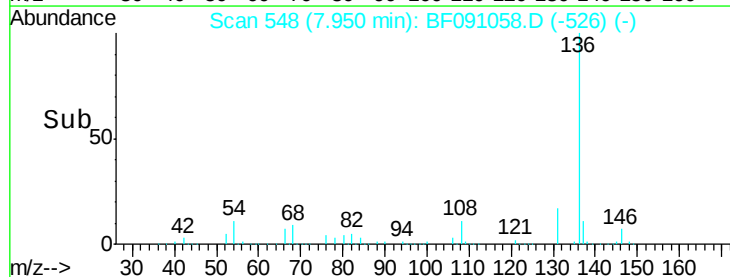
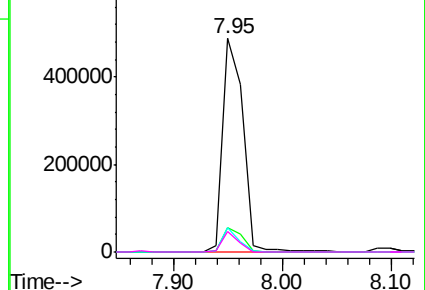


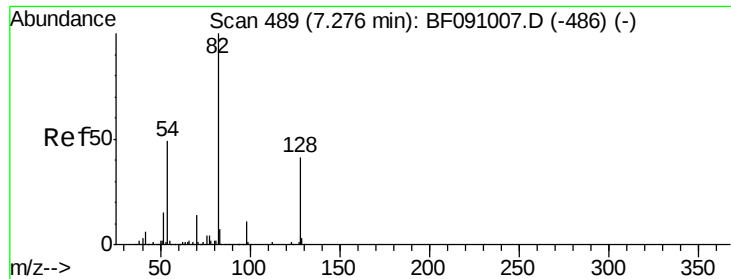
Abundance Ion 136.00 (135.70 to 136.70): E

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



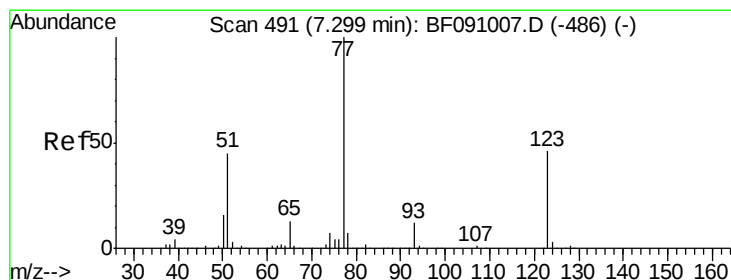
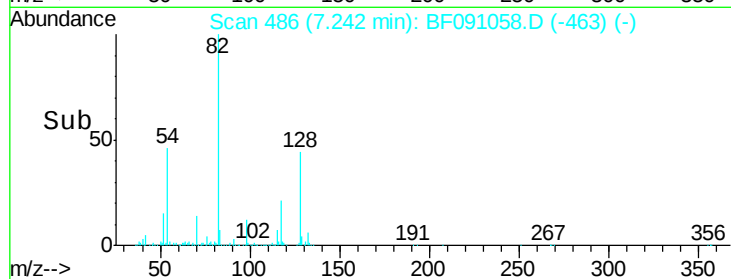
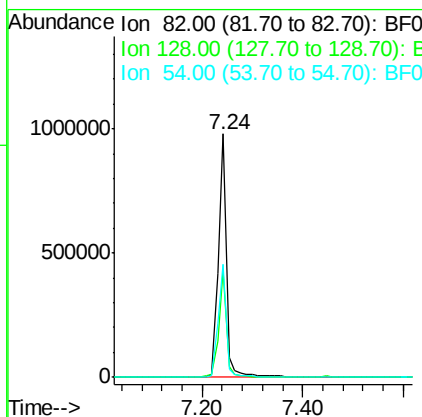
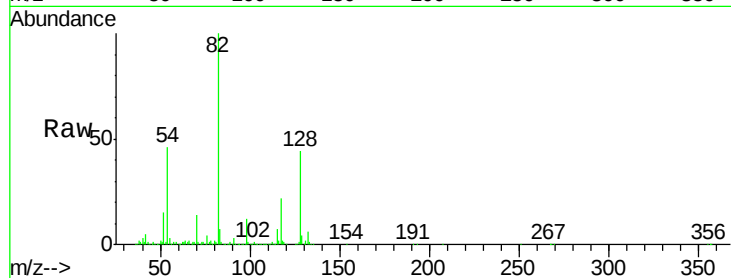


#23
 Nitrobenzene-d5
 Concen: 94.35 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091058.D
 Acq: 7 Nov 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW06-GW

Tgt Ion: 82 Resp: 1094237

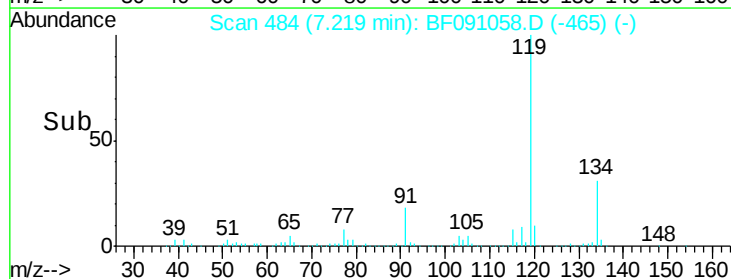
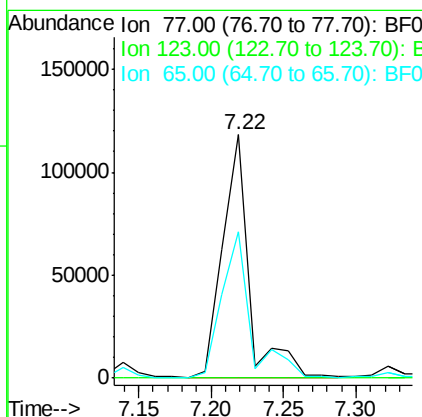
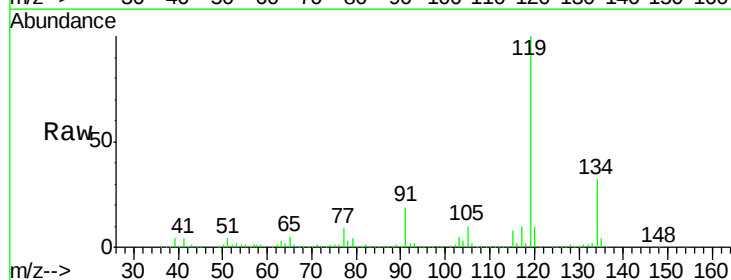
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.4	48.6
54	46.4	39.2	58.8

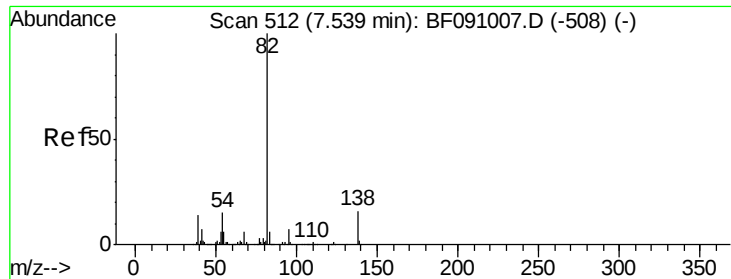


#24
 Nitrobenzene
 Concen: 11.65 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.08 min
 Lab File: BF091058.D
 Acq: 7 Nov 2016 16:18

Tgt Ion: 77 Resp: 149154

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.5	54.7#
65	60.3	10.7	16.1#





#25

Isophorone

Concen: 47.67 ng

RT: 7.24 min Scan# 486

Delta R.T. -0.30 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

Instrument :

BNA_F

ClientSampleId :

RMAB-MW06-GW

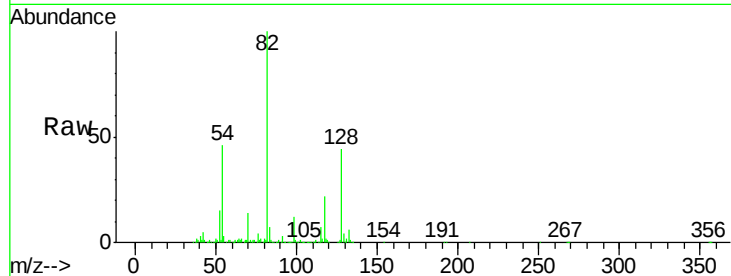
Tgt Ion: 82 Resp: 1065205

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

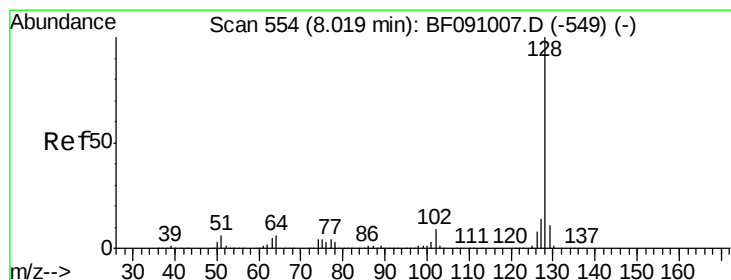
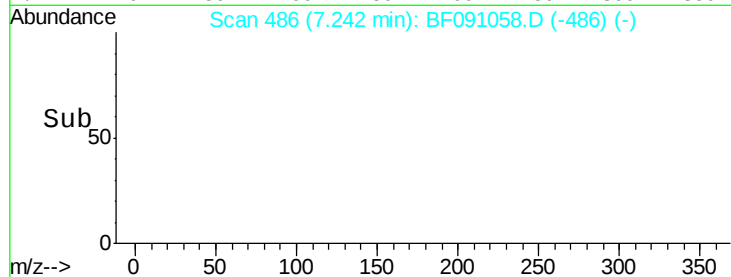
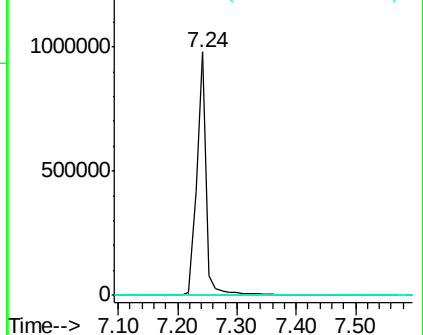
138 0.0 13.0 19.4#



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



#31

Naphthalene

Concen: 16.57 ng

RT: 7.97 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

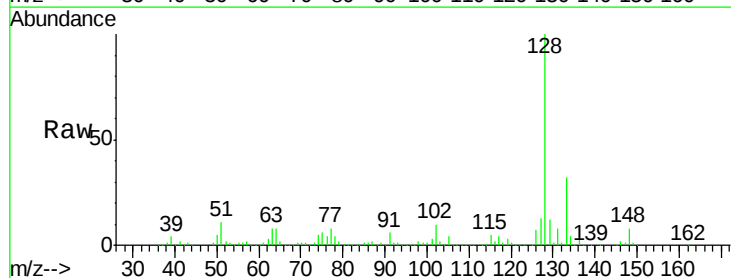
Tgt Ion: 128 Resp: 501241

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

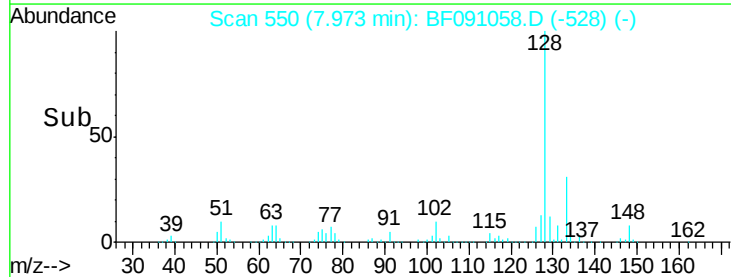
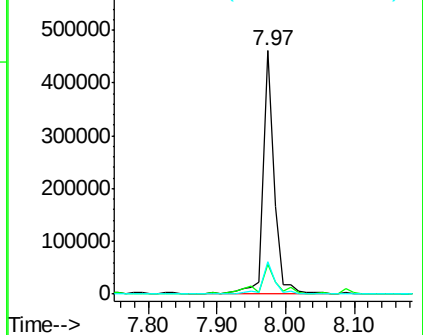
127 13.2 10.9 16.3

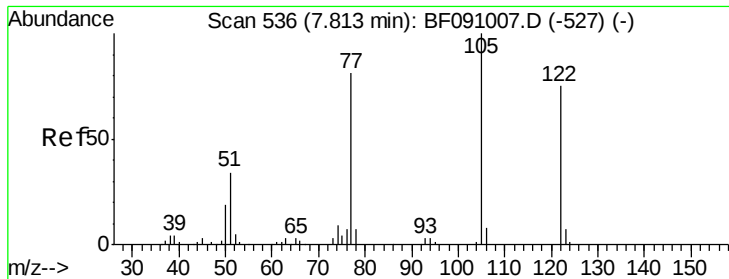


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 5.16 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

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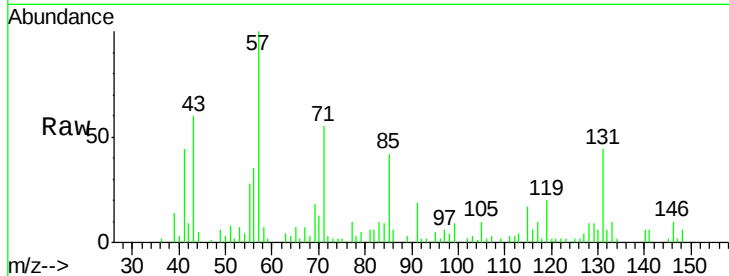
Tgt Ion:122 Resp: 692

Ion Ratio Lower Upper

122 100

105 391.3 105.9 145.9#

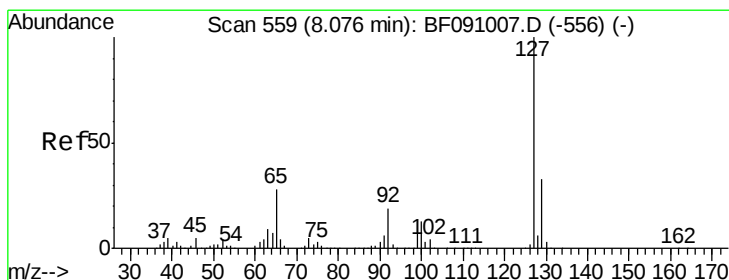
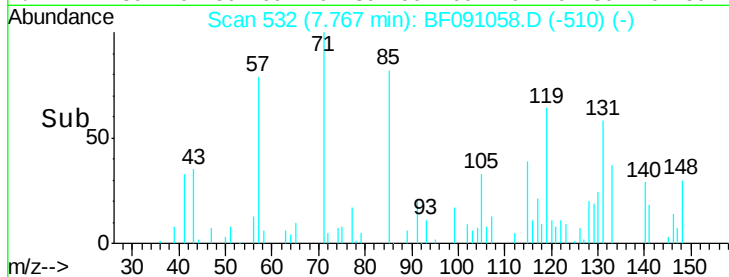
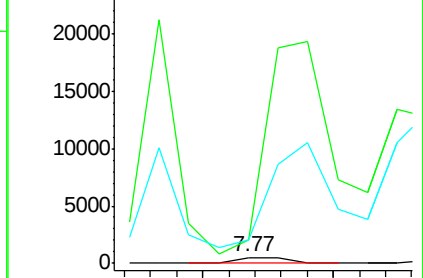
77 390.3 84.0 124.0#



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



#33

4-Chloroaniline

Concen: 6.03 ng

RT: 7.97 min Scan# 550

Delta R.T. -0.10 min

Lab File: BF091058.D

Acq: 7 Nov 2016 16:18

Tgt Ion:127 Resp: 75934

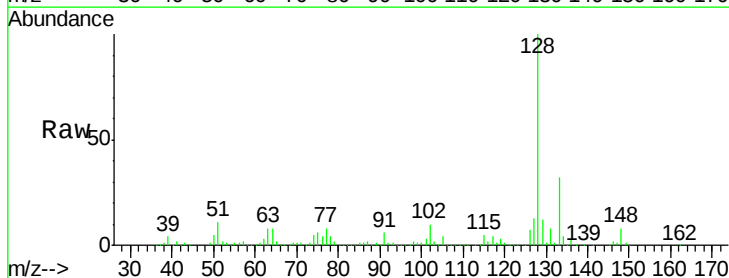
Ion Ratio Lower Upper

127 100

129 93.1 26.6 39.8#

65 16.1 22.2 33.2#

92 4.9 15.0 22.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

