

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077969.D
 Acq On : 25 Mar 2015 23:42
 Operator : TP/IZ
 Sample : G1643-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-3-23-15

Quant Time: Mar 26 00:10:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	47208	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	197814	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	103227	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	190621	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	209124	20.00	ng	-0.02
86) Perylene-d12	17.63	264	209671	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	144204	53.32	ng	0.00
7) Phenol-d6	6.67	99	107262	32.10	ng	0.00
23) Nitrobenzene-d5	7.79	82	242918	80.50	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	104534	105.84	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	534036	76.03	ng	0.00
78) Terphenyl-d14	14.67	244	589661	68.88	ng	0.00

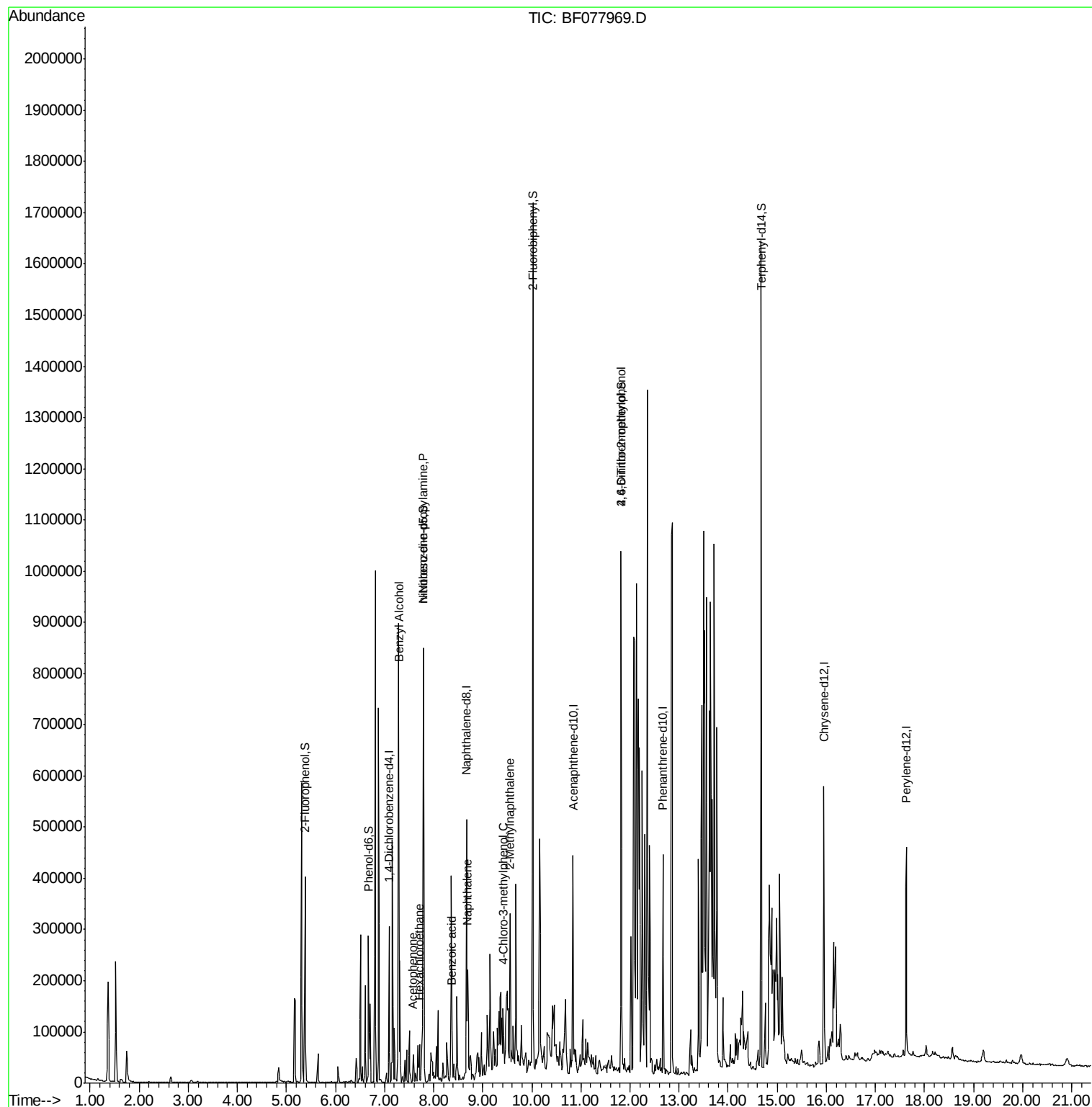
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.29	79	7765	2.98	ng	# 1
18) Hexachloroethane	7.71	117	4591	3.76	ng	# 1
19) n-Nitroso-di-n-propylamine	7.79	70	31308	13.54	ng	# 80
22) Acetophenone	7.58	105	24264	5.54	ng	# 57
31) Naphthalene	8.69	128	85241	8.39	ng	# 99
32) Benzoic acid	8.37	122	247	3.23	ng	# 1
36) 4-Chloro-3-methylphenol	9.41	107	14139	5.08	ng	# 14
37) 2-Methylnaphthalene	9.55	142	108669	15.92	ng	# 97
64) 4,6-Dinitro-2-methylphenol	11.81	198	217	4.52	ng	# 1

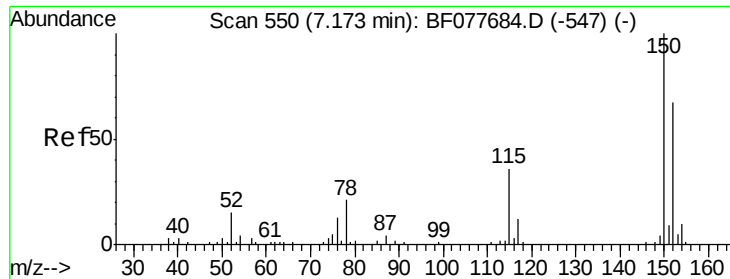
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

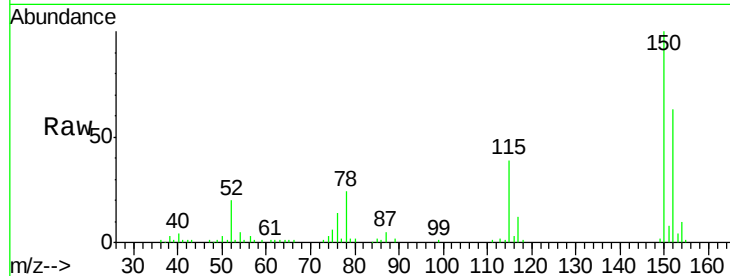
Tgt Ion:152 Resp: 47208

Ion Ratio Lower Upper

152 100

150 159.2 119.5 179.3

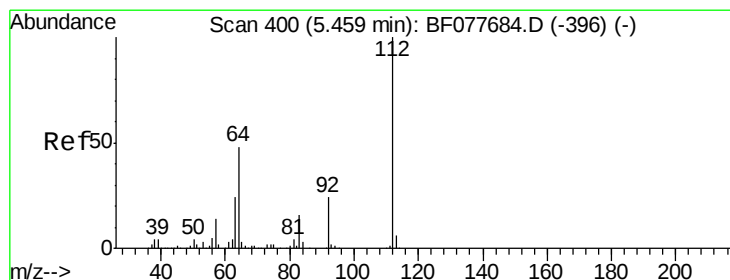
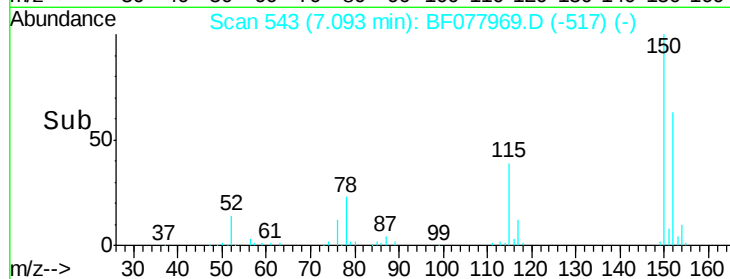
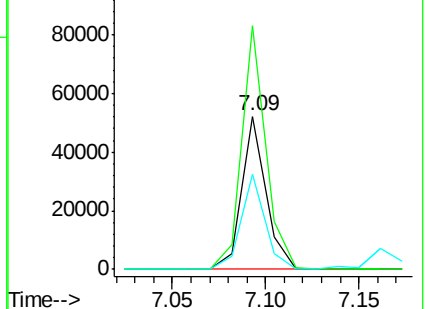
115 62.1 43.0 64.4



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: 53.32 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

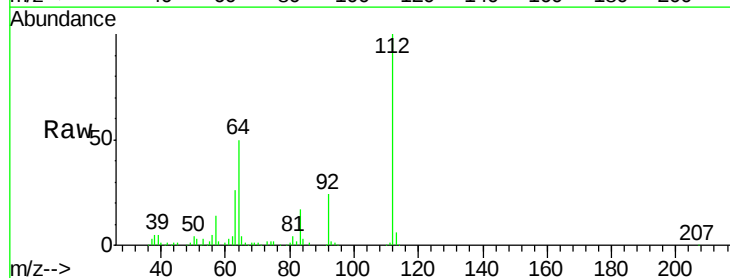
Tgt Ion:112 Resp: 144204

Ion Ratio Lower Upper

112 100

64 50.0 38.6 57.8

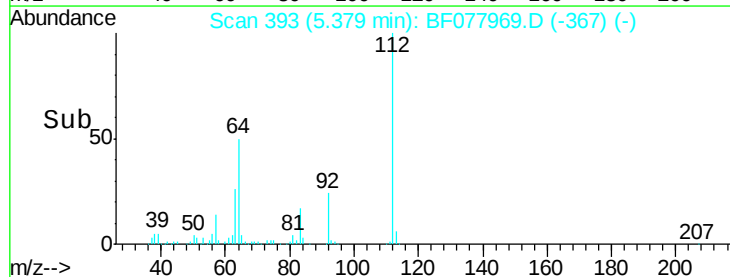
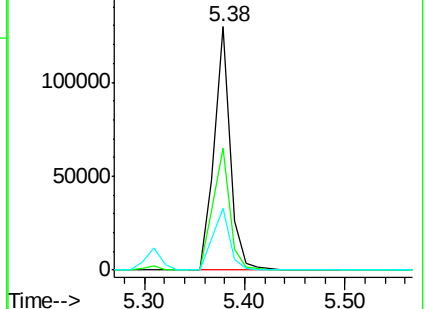
63 25.5 19.3 28.9

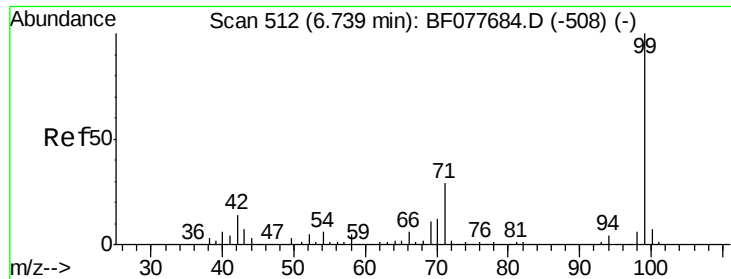


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.10 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

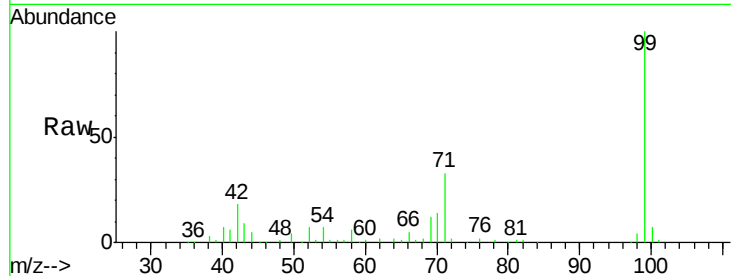
Tgt Ion: 99 Resp: 107262

Ion Ratio Lower Upper

99 100

42 18.5 11.0 16.4#

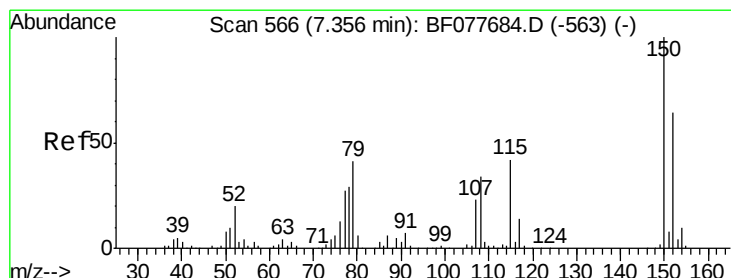
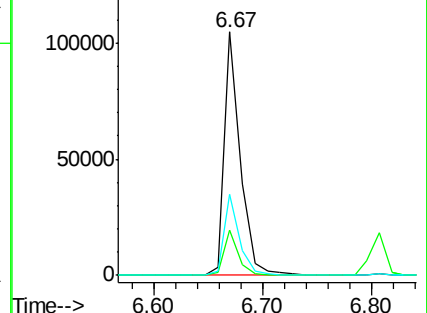
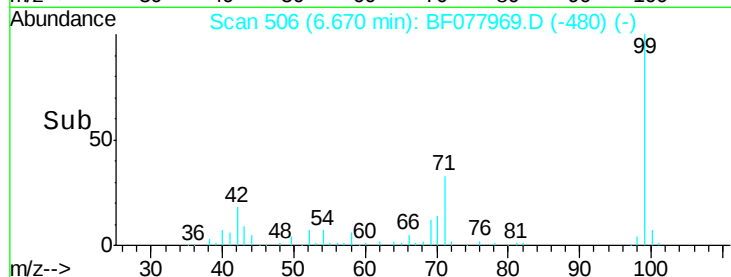
71 33.3 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

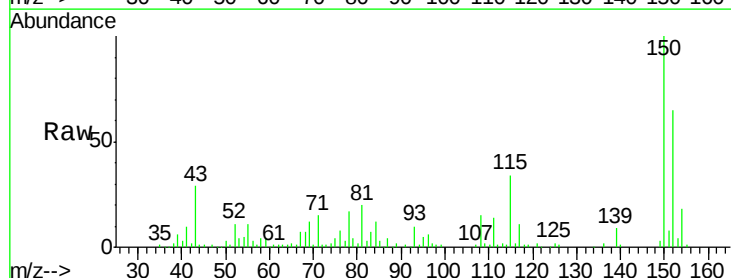
Tgt Ion: 79 Resp: 7765

Ion Ratio Lower Upper

79 100

108 373.3 65.0 97.4#

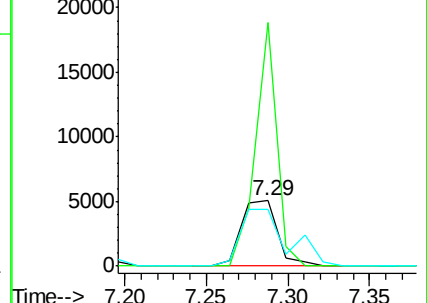
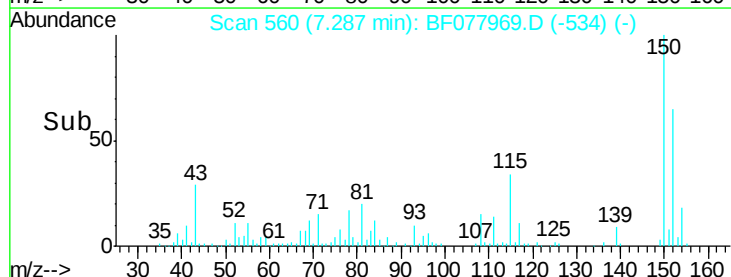
77 86.9 53.0 79.6#

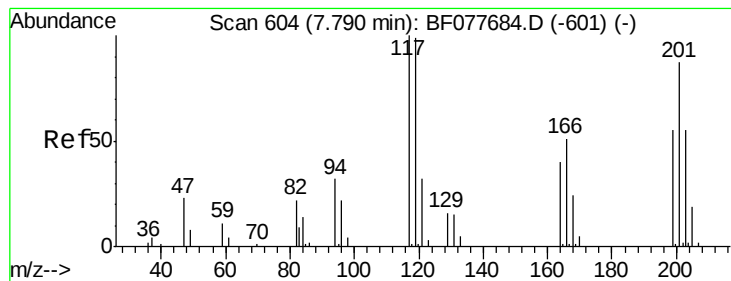


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 3.76 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

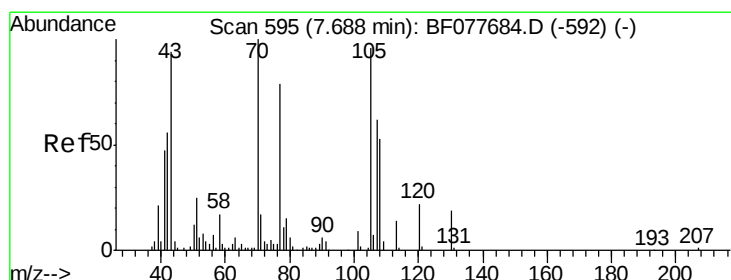
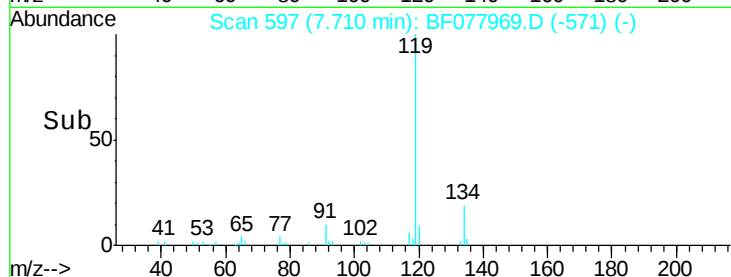
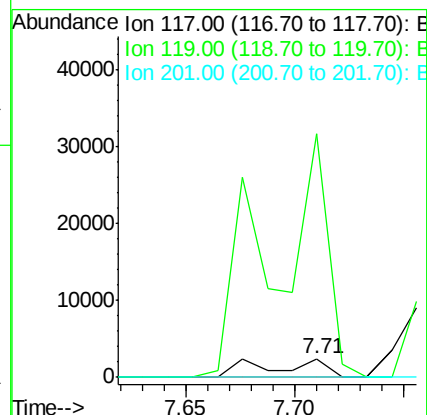
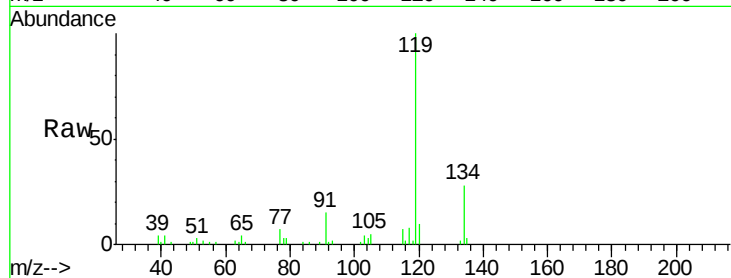
Tgt Ion: 117 Resp: 4591

Ion Ratio Lower Upper

117 100

119 1304.4 79.2 118.8#

201 0.0 69.8 104.6#



#19

n-Nitroso-di-n-propylamine

Concen: 13.54 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Tgt Ion: 70 Resp: 31308

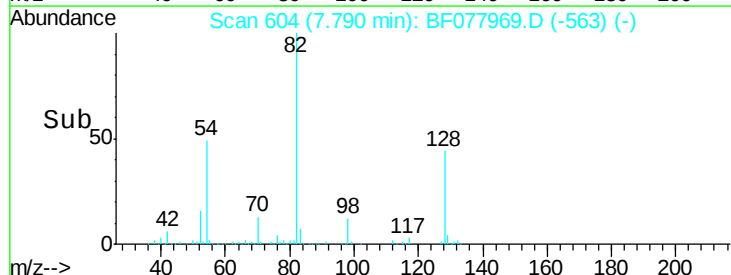
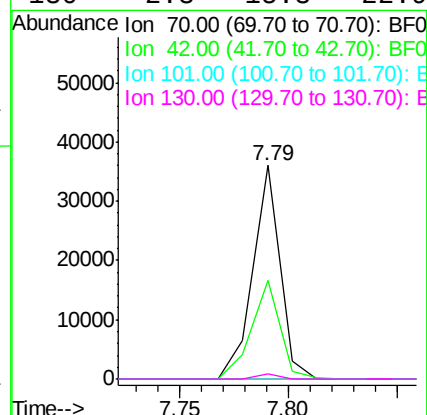
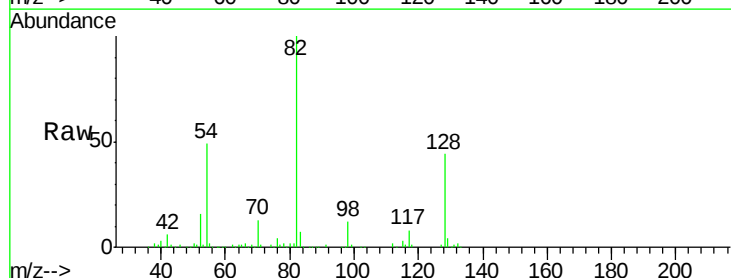
Ion Ratio Lower Upper

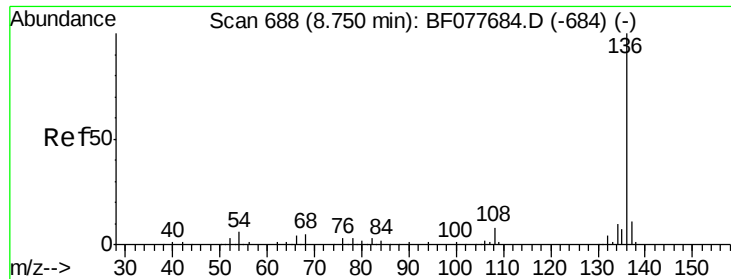
70 100

42 46.1 44.5 66.7

101 0.0 7.4 11.2#

130 2.3 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

Tgt Ion:136 Resp: 197814

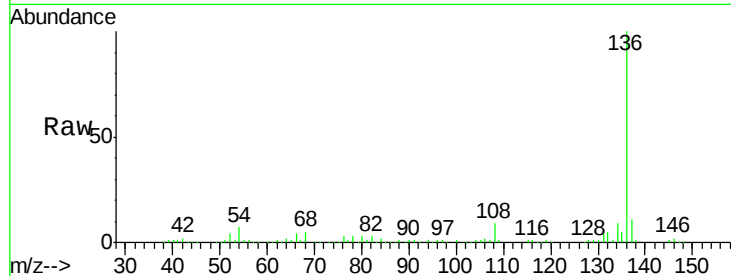
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.0 4.6 6.8#

68 5.5 3.7 5.5

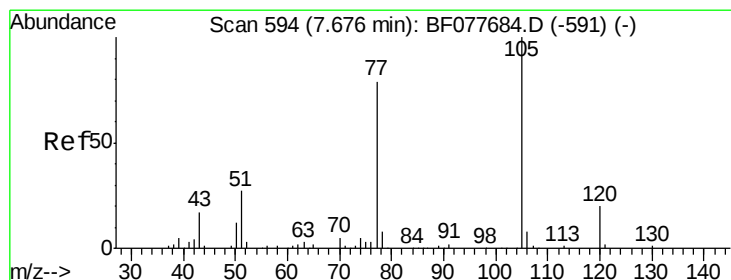
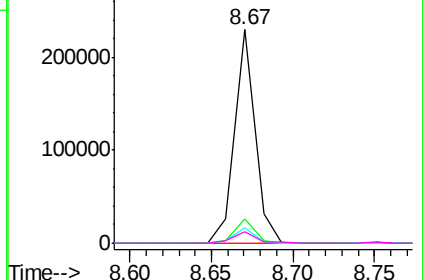
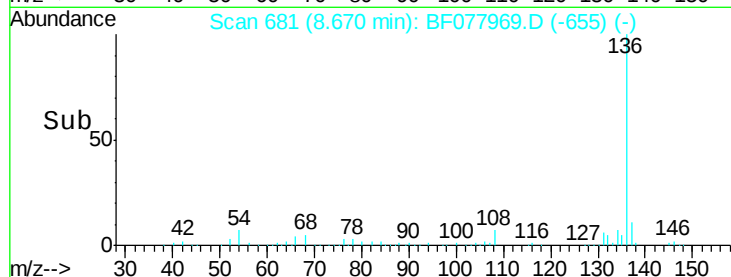


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 5.54 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Tgt Ion:105 Resp: 24264

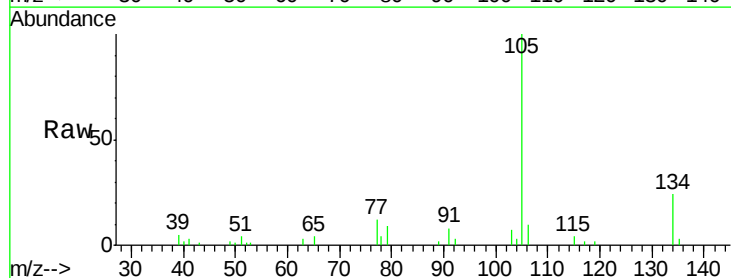
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 4.1 21.6 32.4#

120 0.0 16.1 24.1#

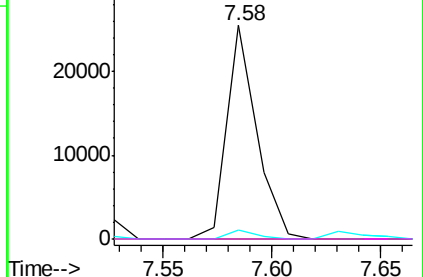
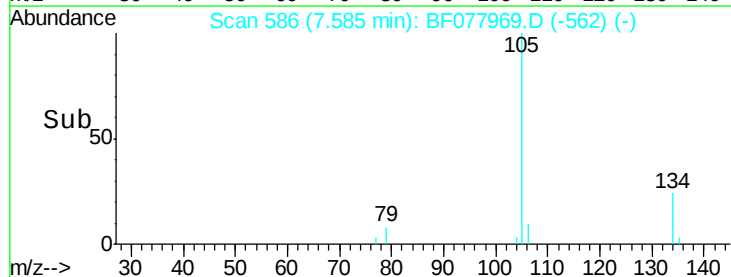


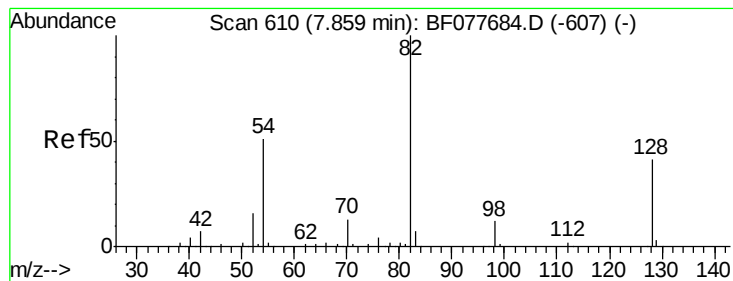
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.50 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

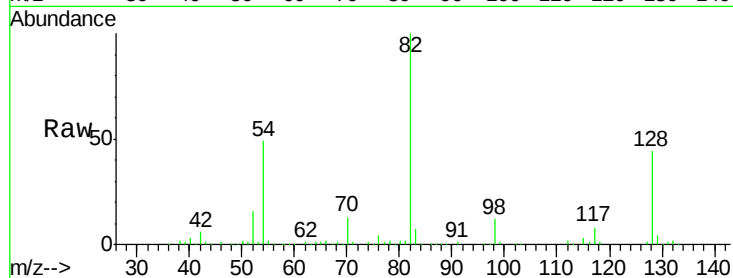
Tgt Ion: 82 Resp: 242918

Ion Ratio Lower Upper

82 100

128 44.3 32.8 49.2

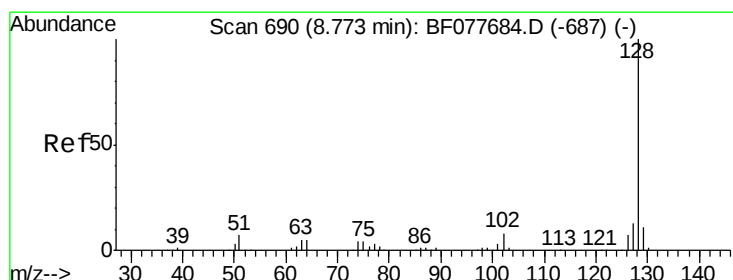
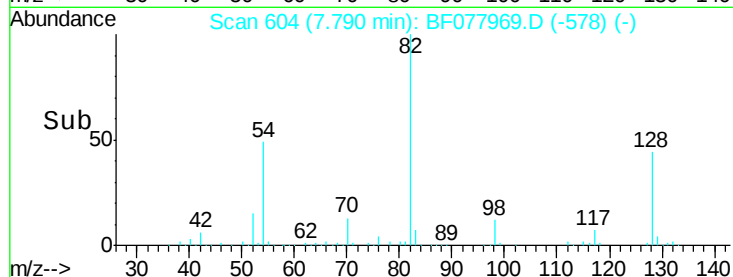
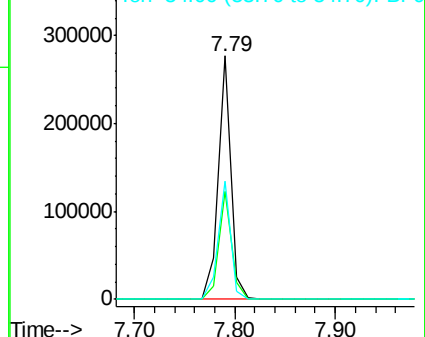
54 48.7 40.6 60.8



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



#31

Naphthalene

Concen: 8.39 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

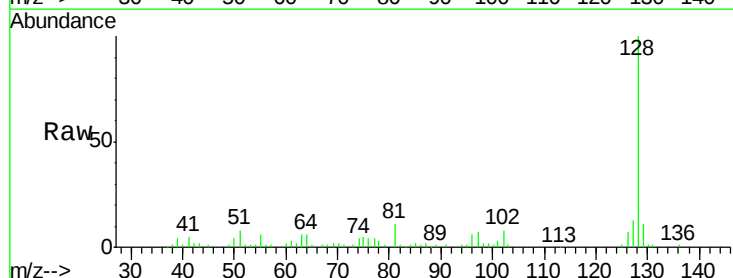
Tgt Ion: 128 Resp: 85241

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

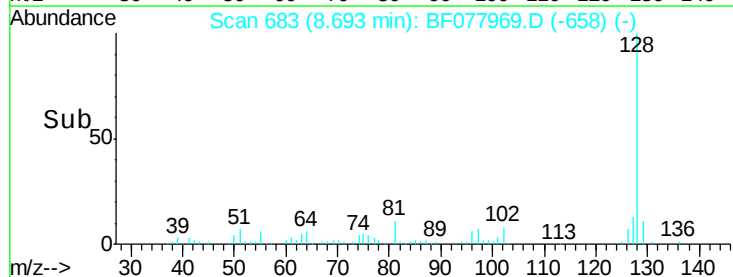
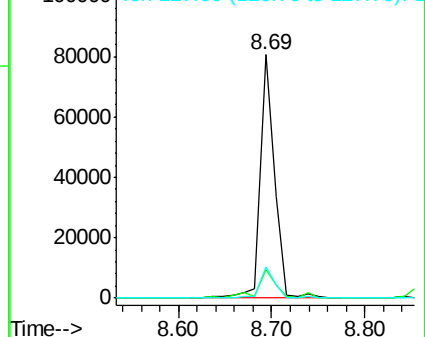
127 12.7 10.4 15.6

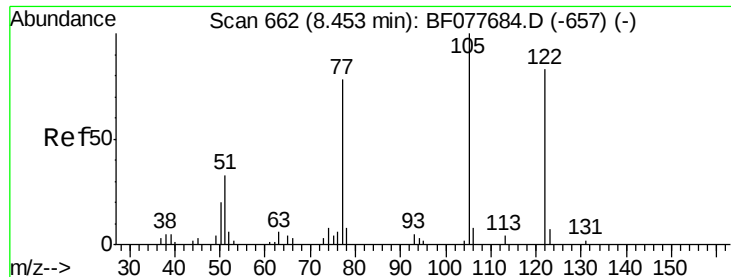


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

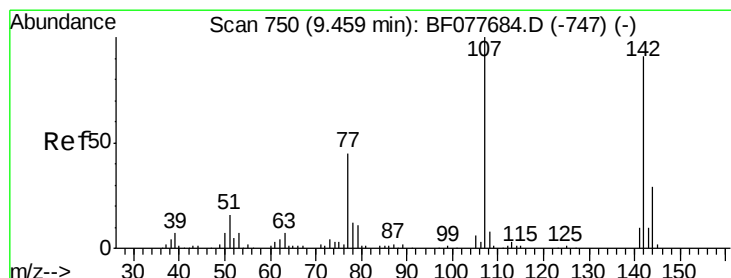
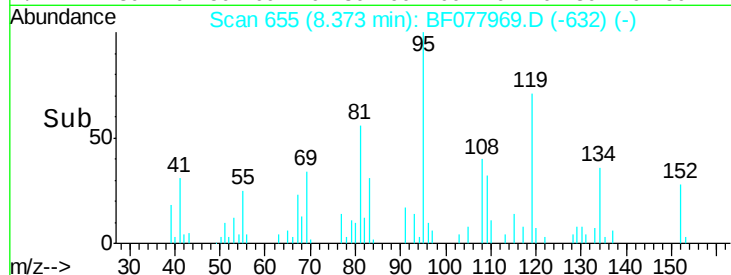
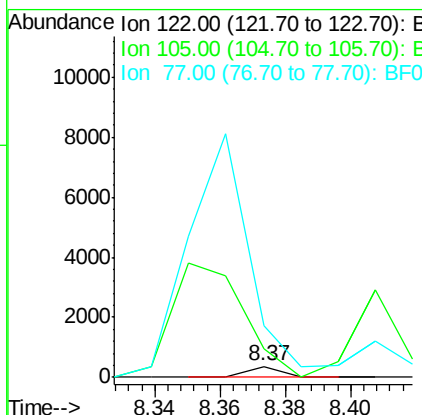
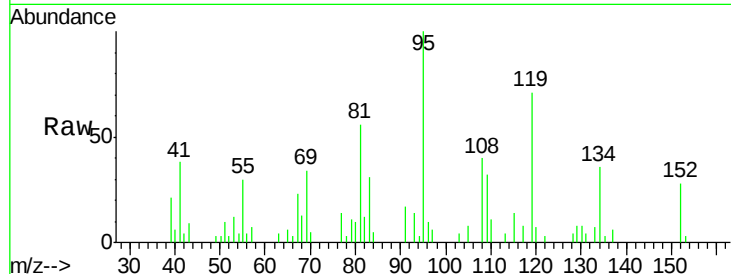




#32
Benzoic acid
Concen: 3.23 ng
RT: 8.37 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

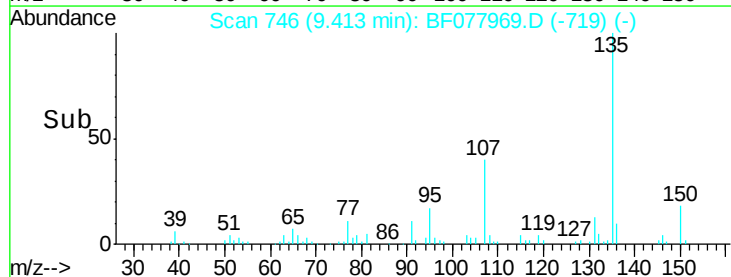
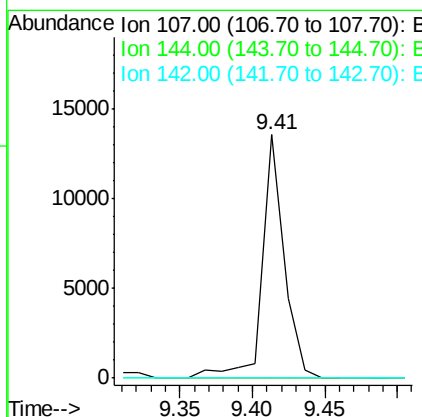
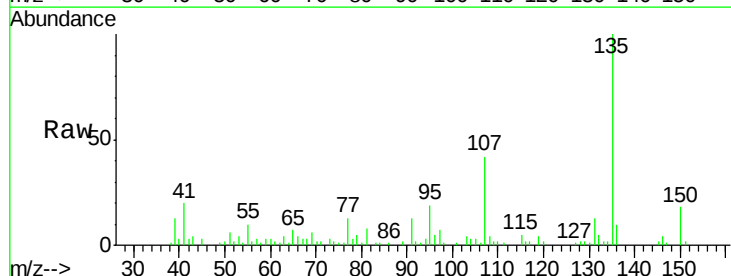
Instrument :
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MW-8-3-23-15

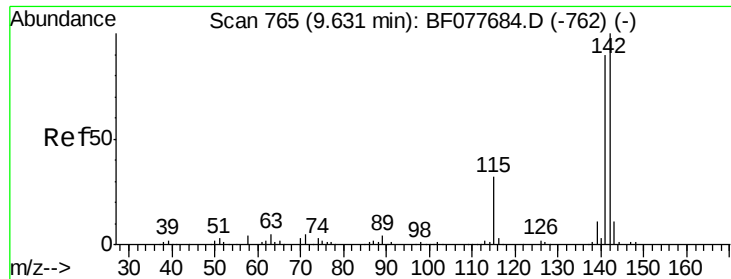
Tgt Ion:122 Resp: 247
Ion Ratio Lower Upper
122 100
105 259.7 99.9 139.9#
77 479.2 73.7 113.7#



#36
4-Chloro-3-methylphenol
Concen: 5.08 ng
RT: 9.41 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Tgt Ion:107 Resp: 14139
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 0.0 72.6 109.0#

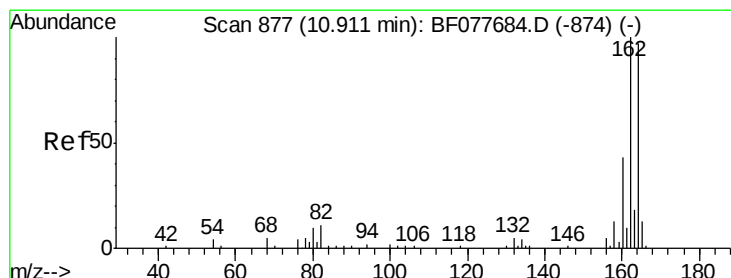
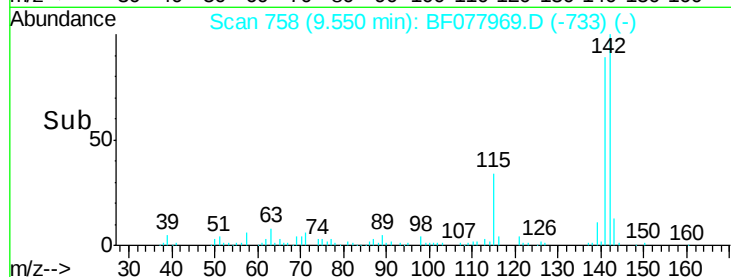
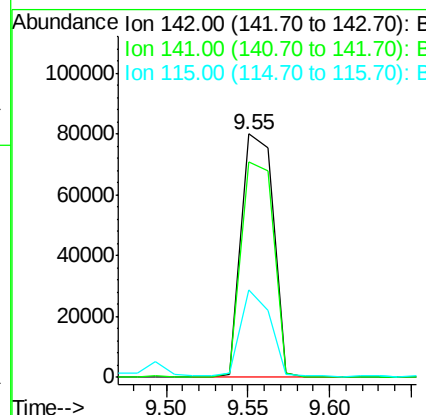
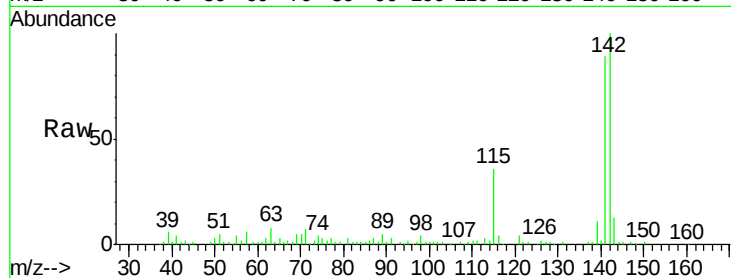




#37
 2-Methylnaphthalene
 Concen: 15.92 ng
 RT: 9.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF077969.D
 Acq: 25 Mar 2015 23:42

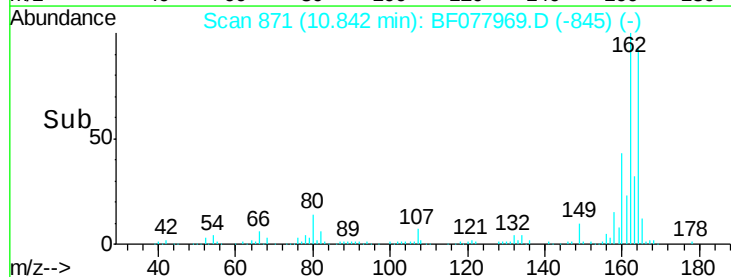
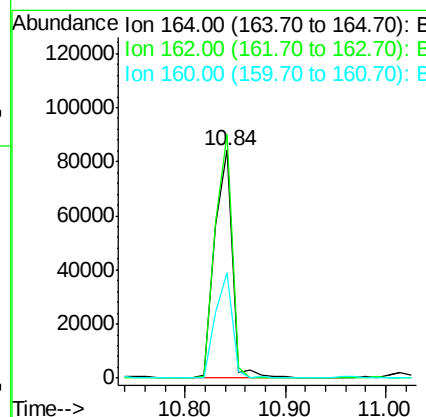
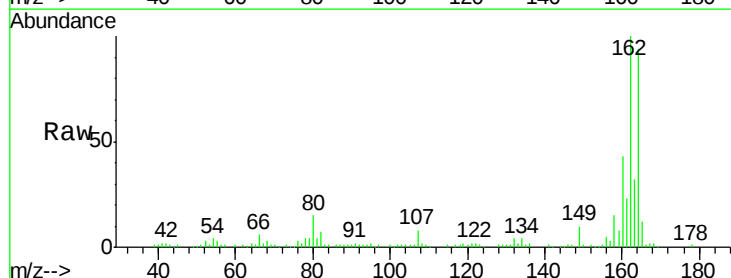
Instrument :
 BNA_F
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 MW-8-3-23-15

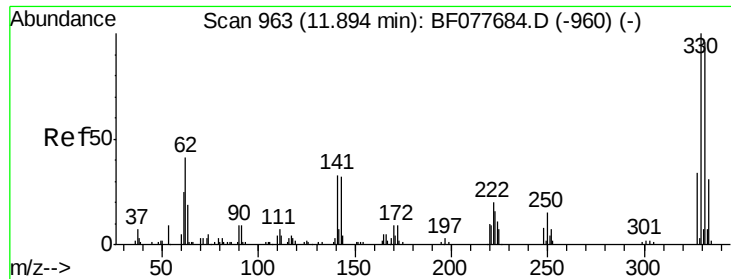
Tgt Ion:142 Resp: 108669
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.9 107.9
 115 35.7 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077969.D
 Acq: 25 Mar 2015 23:42

Tgt Ion:164 Resp: 103227
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.4 123.6
 160 46.2 35.8 53.6

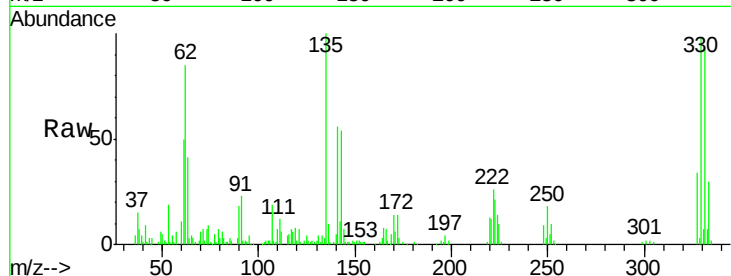




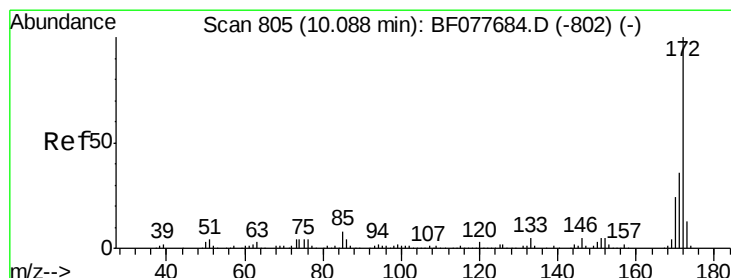
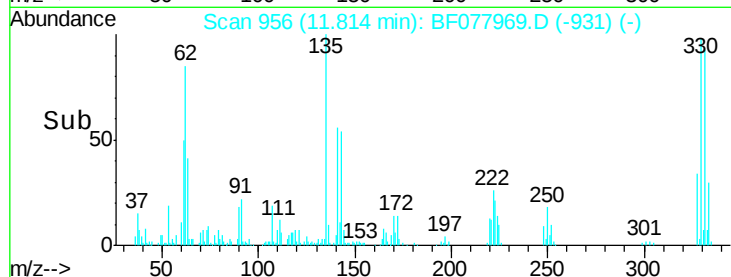
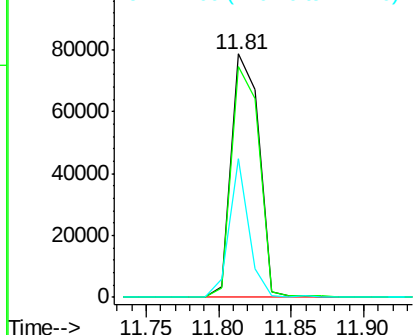
#41
 2,4,6-Tribromophenol
 Concen: 105.84 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077969.D
 Acq: 25 Mar 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-3-23-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	40.2	0.0	0.0#

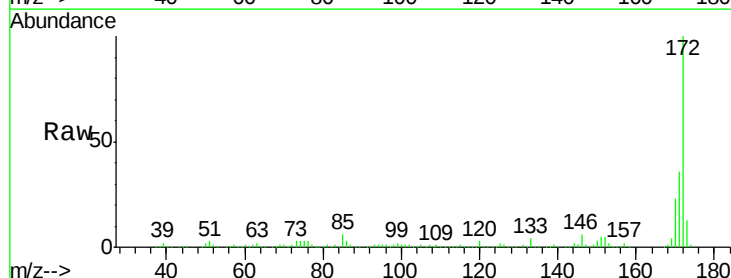


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

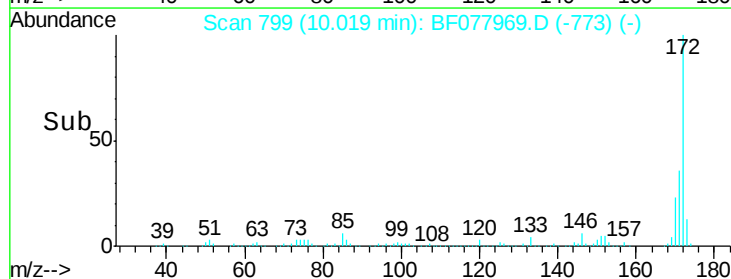
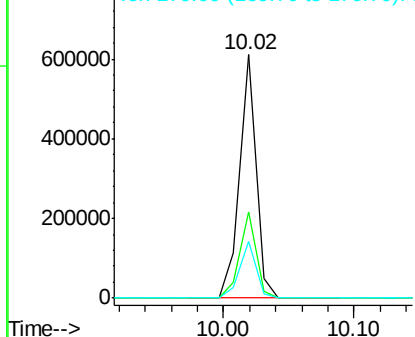


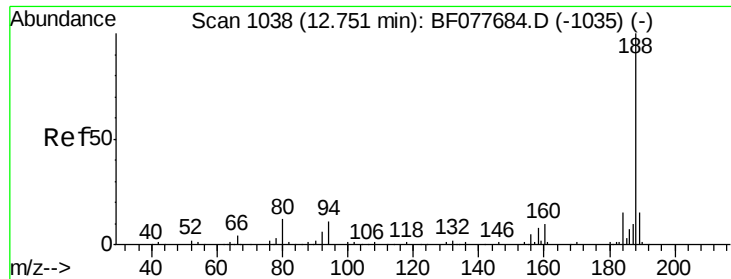
#44
 2-Fluorobiphenyl
 Concen: 76.03 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077969.D
 Acq: 25 Mar 2015 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.8	28.2



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

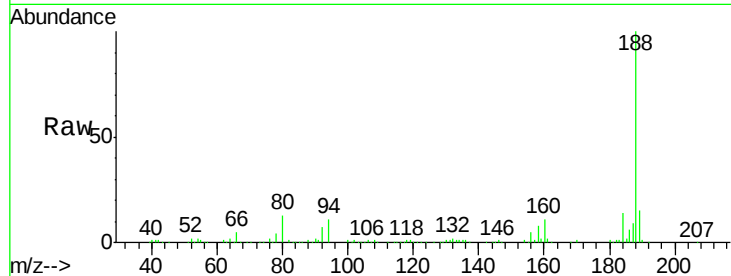




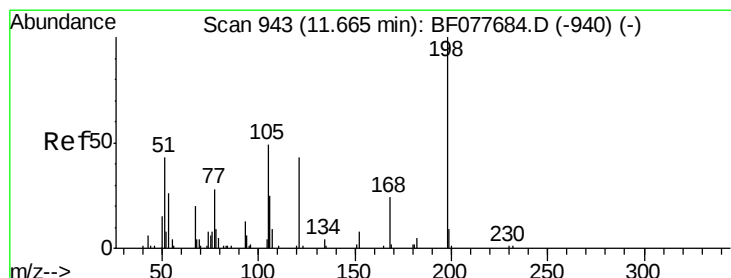
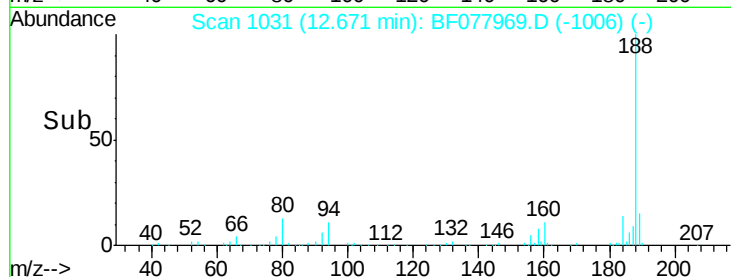
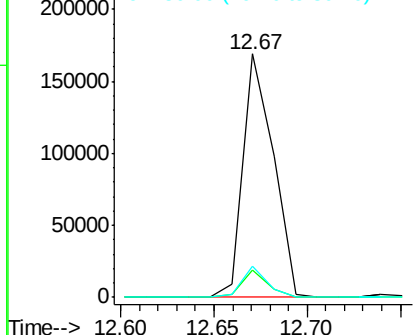
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

Tgt Ion:188 Resp: 190621
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 13.0 9.3 13.9

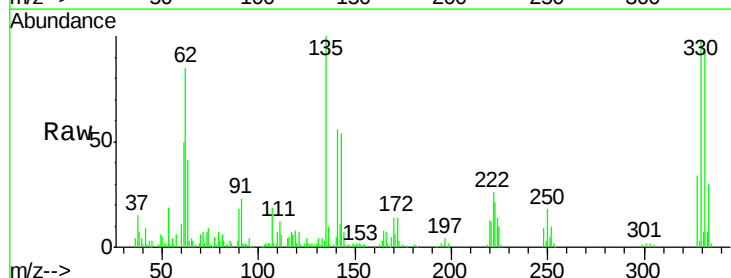


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

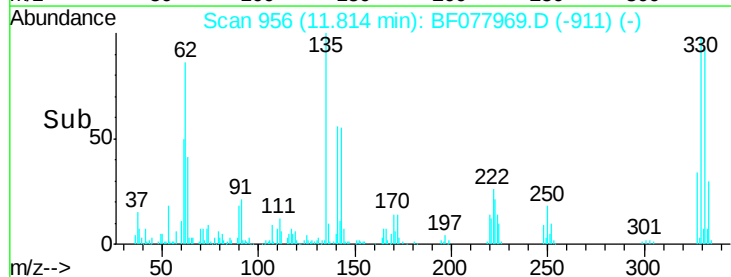
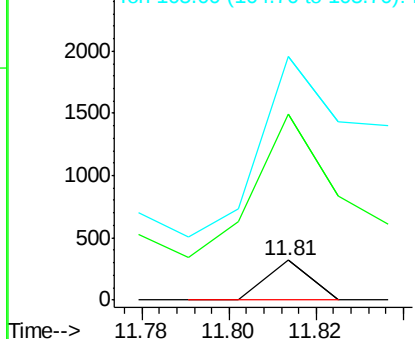


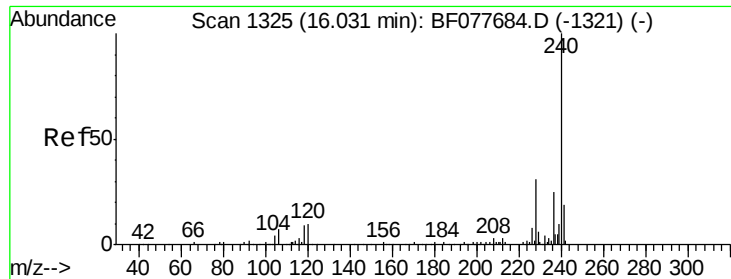
#64
4,6-Dinitro-2-methylphenol
Concen: 4.52 ng
RT: 11.81 min Scan# 956
Delta R.T. 0.22 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Tgt Ion:198 Resp: 217
Ion Ratio Lower Upper
198 100
51 471.3 28.8 68.8#
105 617.0 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

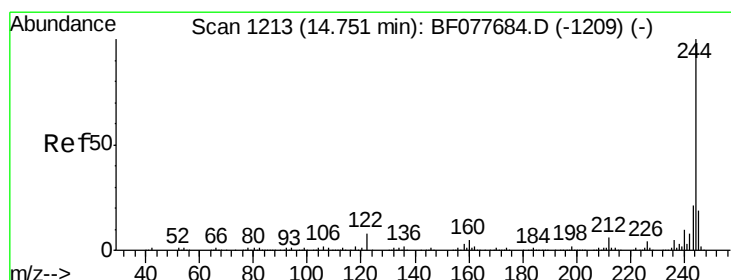
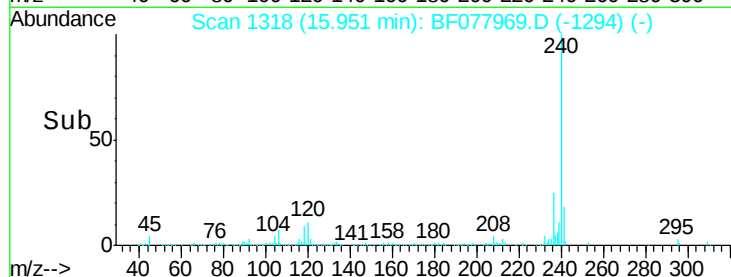
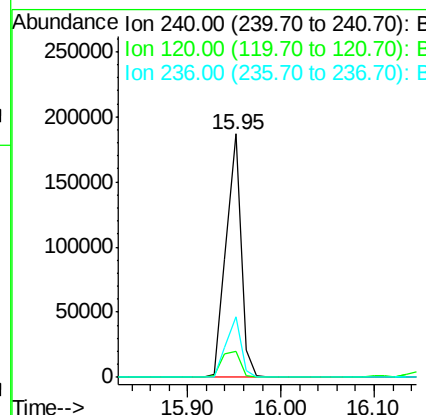
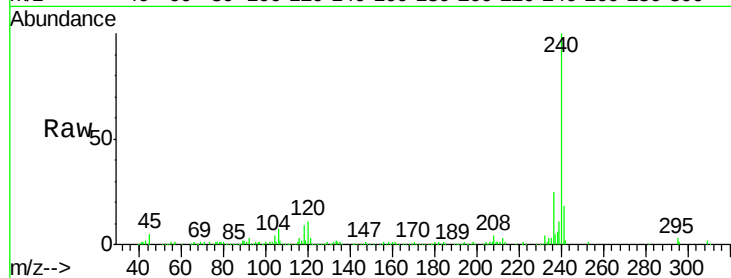




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

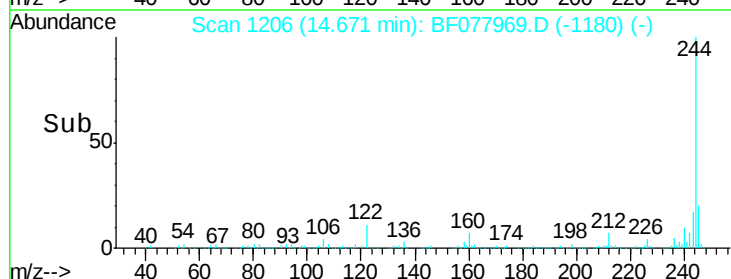
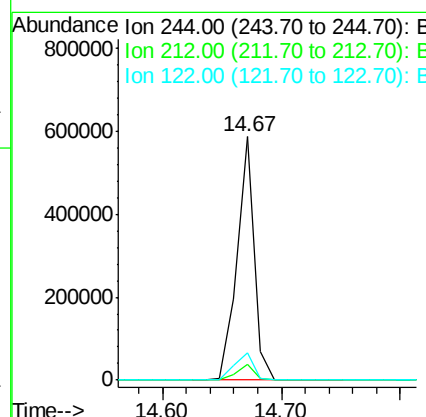
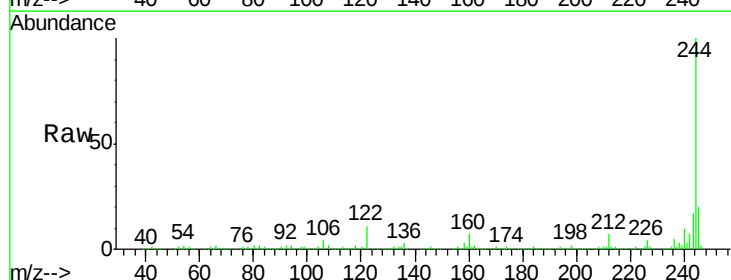
Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

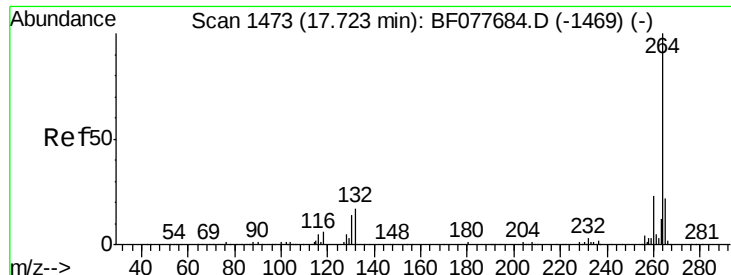
Tgt Ion:240 Resp: 209124
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 25.1 20.0 30.0



#78
Terphenyl-d14
Concen: 68.88 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Tgt Ion:244 Resp: 589661
Ion Ratio Lower Upper
244 100
212 6.7 4.9 7.3
122 11.3 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.11 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

Tgt Ion: 264 Resp: 209671
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.3 17.3 25.9

