

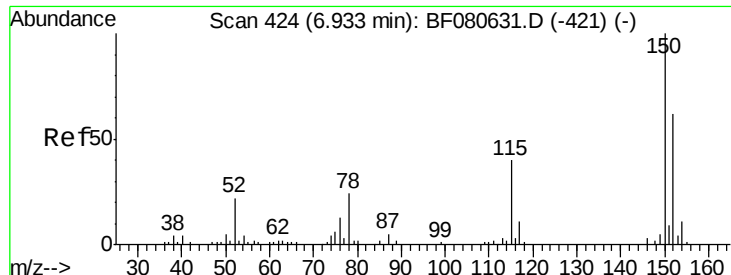
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080656.D
 Acq On : 25 Jul 2015 7:56
 Operator : TP/UM
 Sample : G3079-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-7-22-15

Quant Time: Jul 27 01:16:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61037	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	213634	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	115827	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	216832	20.00	ng	0.00
75) Chrysene-d12	14.09	240	9963	20.00	ng	-0.07
86) Perylene-d12	0.00	264	0	0.00	ng	-15.73
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	153122	42.24	ng	0.00
7) Phenol-d6	6.54	99	110759	25.58	ng	0.00
23) Nitrobenzene-d5	7.49	82	265683	62.46	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	103621	99.57	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	470083	62.62	ng	0.00
78) Terphenyl-d14	13.11	244	507815	1097.50	ng	0.05
Target Compounds						
9) Benzaldehyde	6.45	77	10276	3.63	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	34481	11.04	ng	# 61
25) Isophorone	7.49	82	265403	35.58	ng	# 73
31) Naphthalene	8.24	128	42991	4.02	ng	# 98
32) Benzoic acid	8.00	122	269	6.58	ng	# 27
37) 2-Methylnaphthalene	8.93	142	22980	3.01	ng	# 97
56) 2,4-Dinitrotoluene	9.97	165	14991	7.67	ng	# 5
64) 4,6-Dinitro-2-methylphenol	10.75	198	213	6.51	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	7102	3.48	ng	# 1
79) Butylbenzylphthalate	13.47	149	22239	82.40	ng	# 71
83) Bis(2-ethylhexyl)phthalate	14.08	149	1643	4.04	ng	# 1
84) Di-n-octyl phthalate	14.81	149	1565	2.39	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

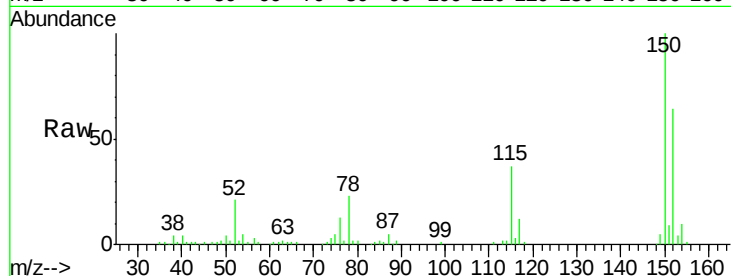
Tgt Ion:152 Resp: 61037

Ion Ratio Lower Upper

152 100

150 156.4 128.9 193.3

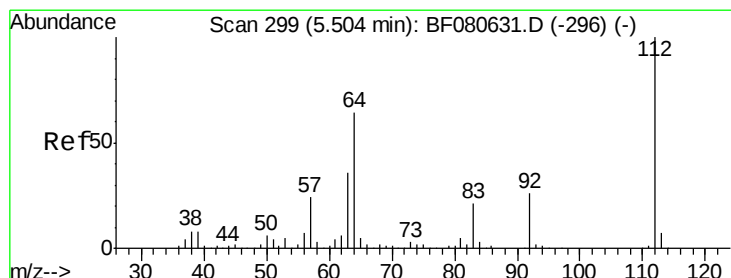
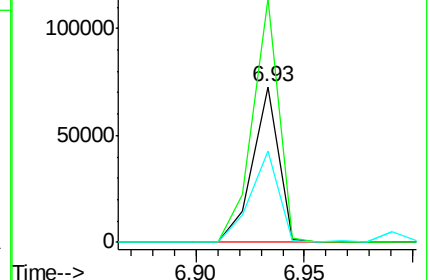
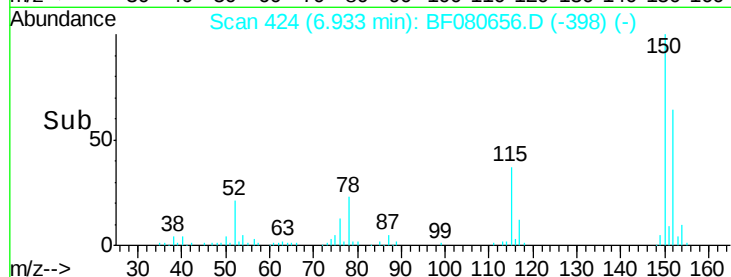
115 58.4 51.0 76.6



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: 42.24 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

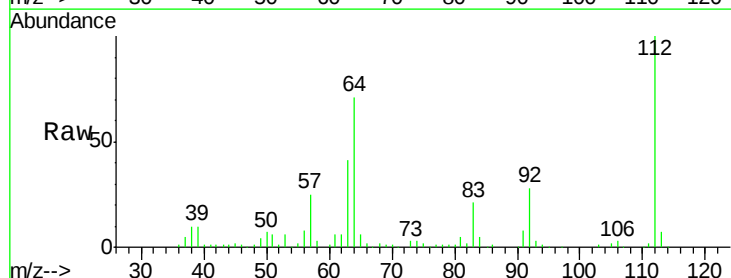
Tgt Ion:112 Resp: 153122

Ion Ratio Lower Upper

112 100

64 71.3 51.2 76.8

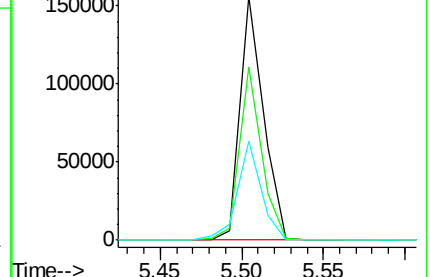
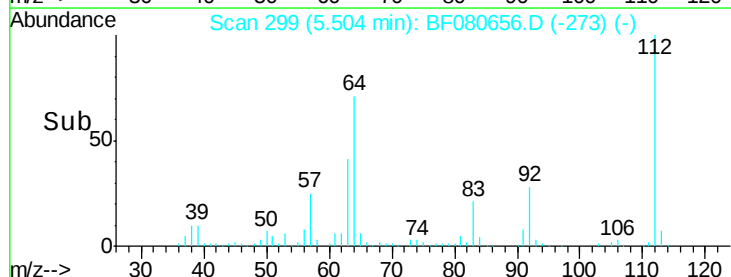
63 40.5 29.0 43.6

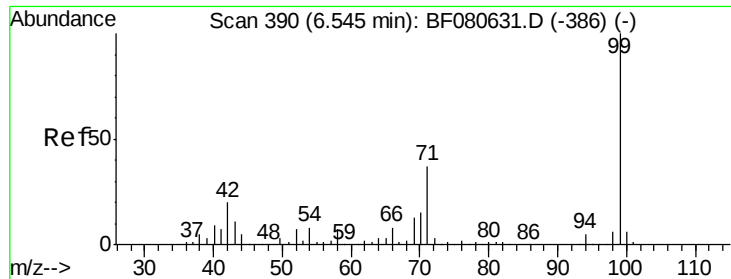


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.58 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

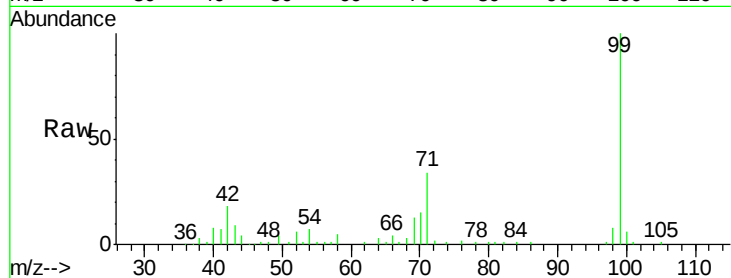
Tgt Ion: 99 Resp: 110759

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

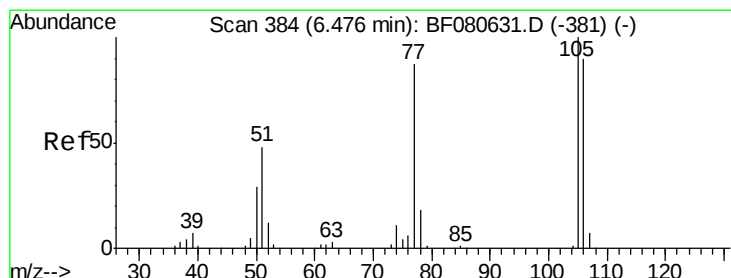
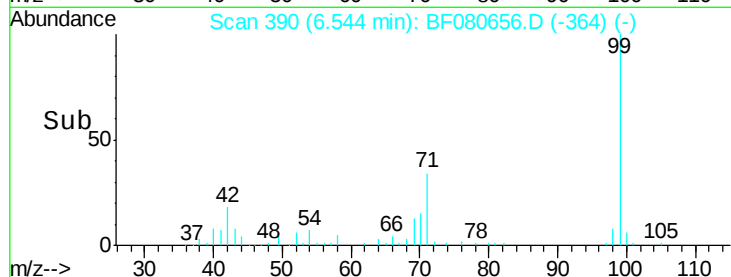
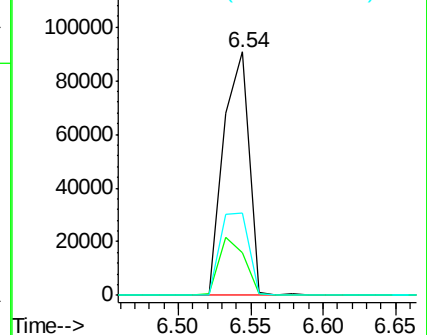
71 34.0 29.7 44.5



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: 3.63 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

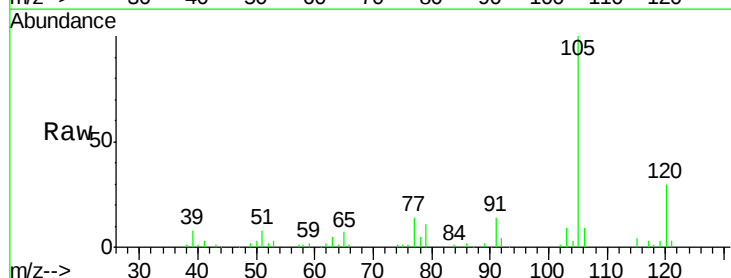
Tgt Ion: 77 Resp: 10276

Ion Ratio Lower Upper

77 100

105 735.7 94.7 134.7#

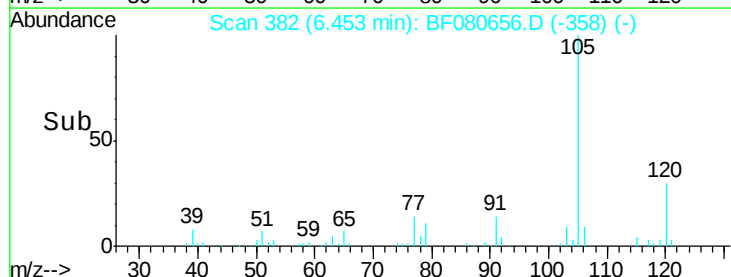
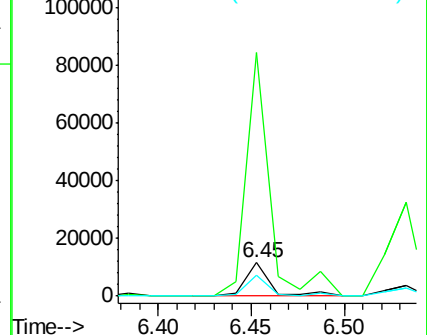
106 63.7 83.4 123.4#

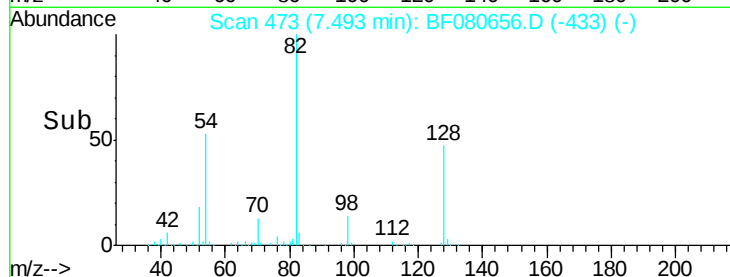
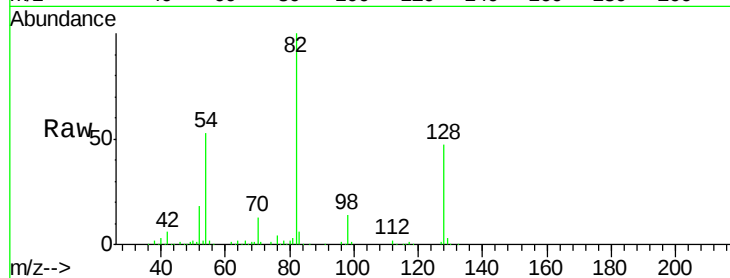
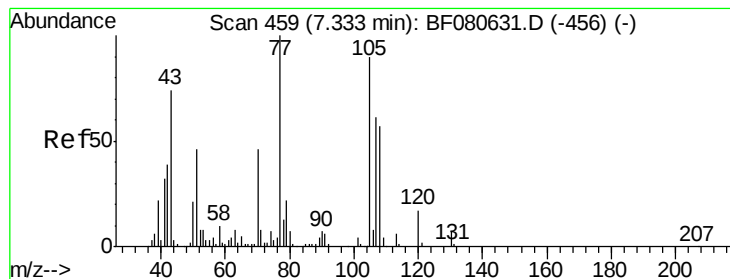


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 11.04 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

Tgt Ion: 70 Resp: 34481

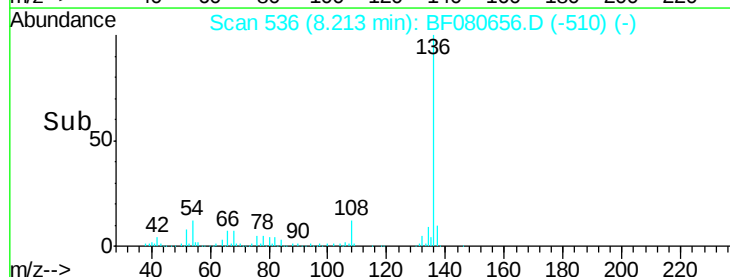
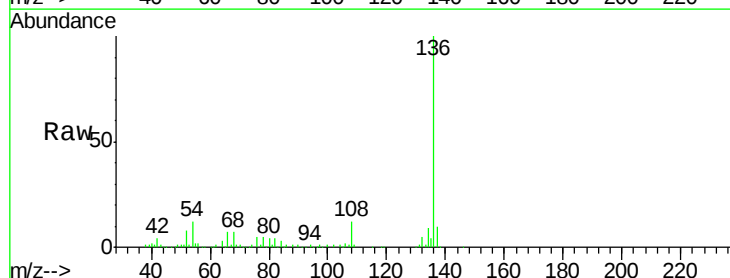
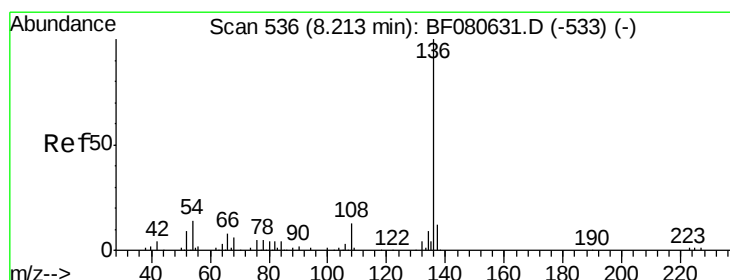
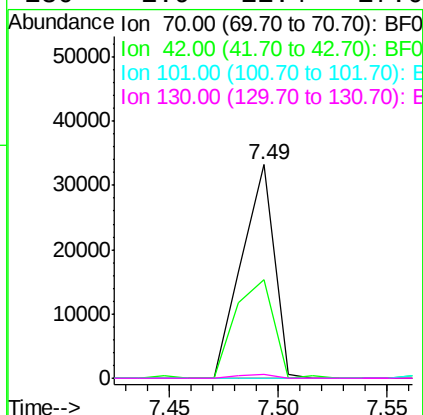
Ion Ratio Lower Upper

70 100

42 46.4 67.8 101.8#

101 0.0 6.6 9.8#

130 1.9 11.4 17.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Tgt Ion: 136 Resp: 213634

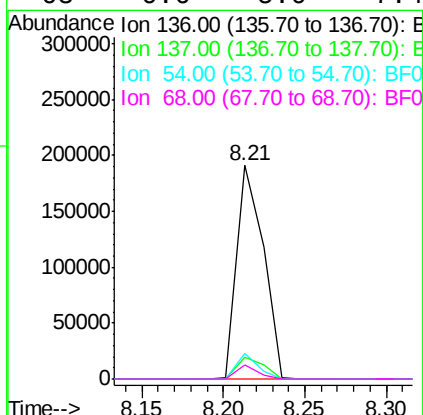
Ion Ratio Lower Upper

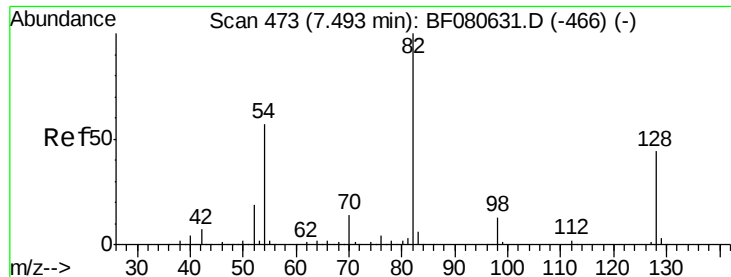
136 100

137 10.3 9.3 13.9

54 11.9 11.6 17.4

68 6.6 5.0 7.4

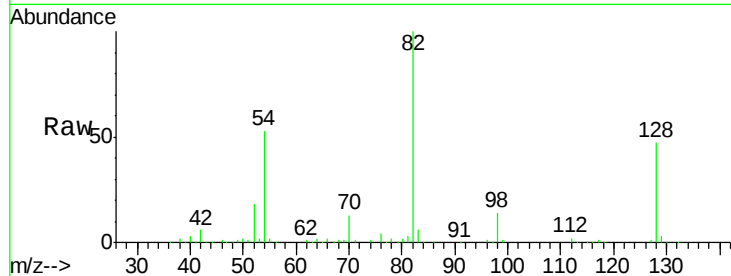




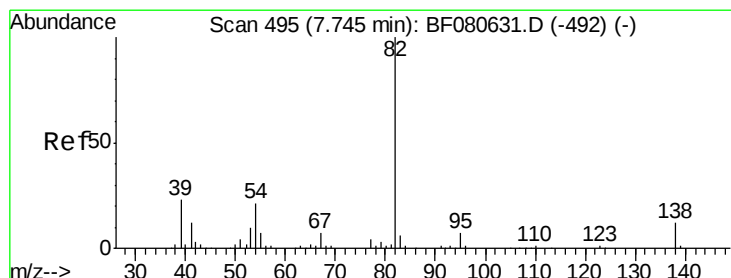
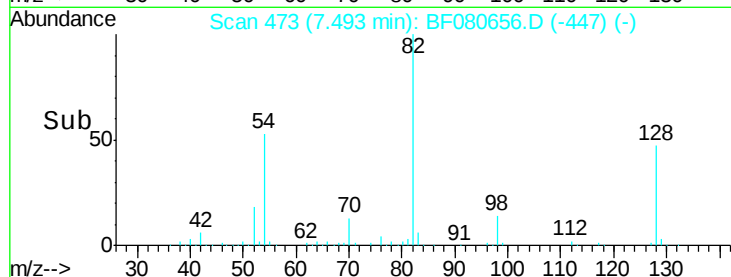
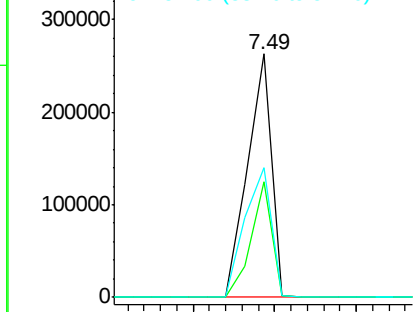
#23
 Nitrobenzene-d5
 Concen: 62.46 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080656.D
 Acq: 25 Jul 2015 7:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-7-22-15

Tgt Ion: 82 Resp: 265683
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.8 52.2
 54 53.4 45.4 68.0

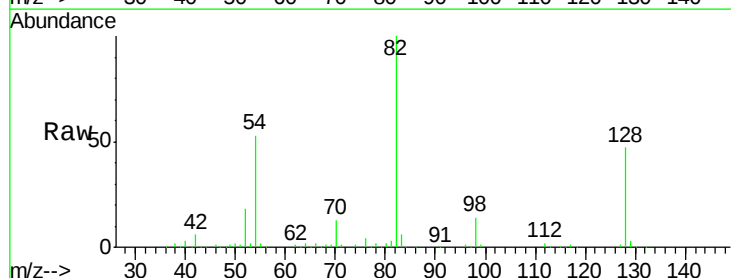


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

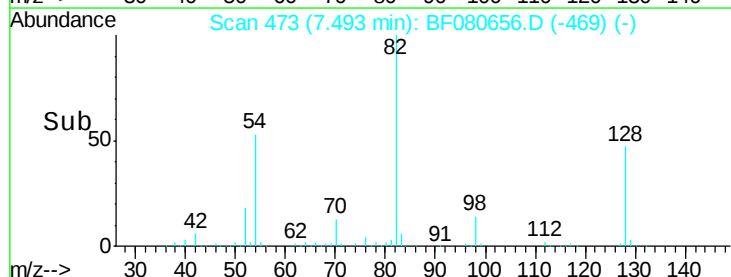
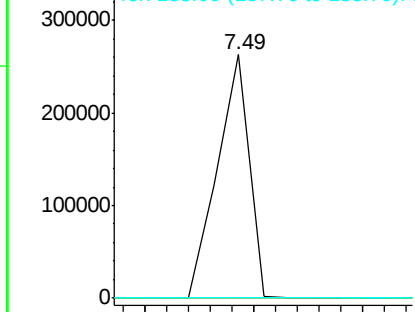


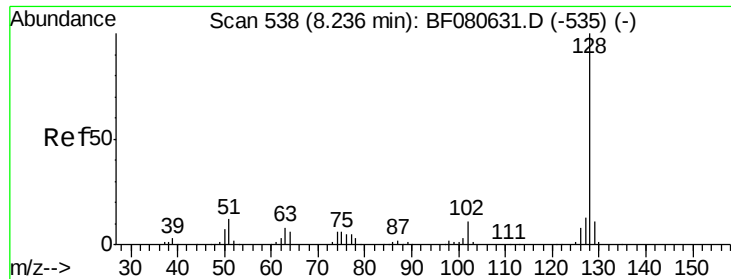
#25
 Isophorone
 Concen: 35.58 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.25 min
 Lab File: BF080656.D
 Acq: 25 Jul 2015 7:56

Tgt Ion: 82 Resp: 265403
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 9.7 14.5#



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

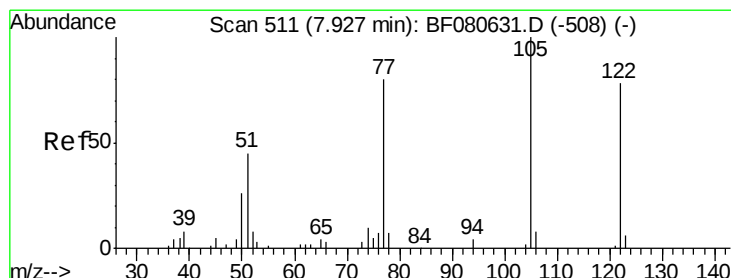
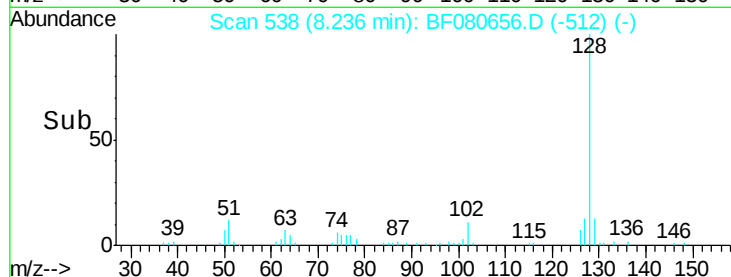
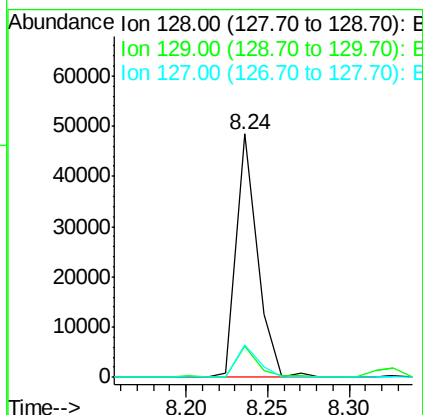
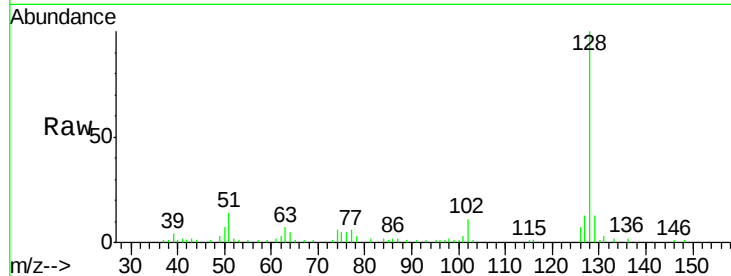




#31
Naphthalene
Concen: 4.02 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080656.D
Acq: 25 Jul 2015 7:56

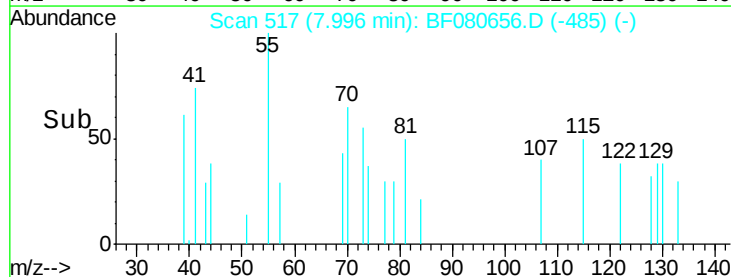
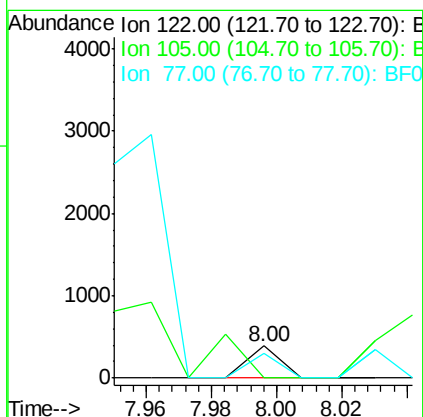
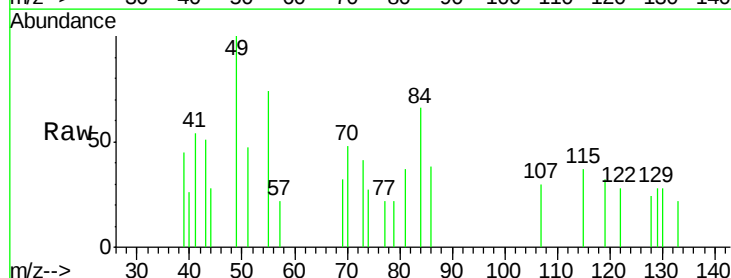
Instrument :
BNA_F
ClientSampleId :
MW-13-7-22-15

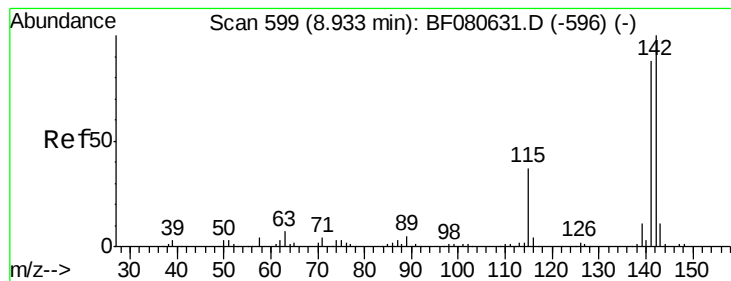
Tgt Ion:128 Resp: 42991
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 6.58 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.07 min
Lab File: BF080656.D
Acq: 25 Jul 2015 7:56

Tgt Ion:122 Resp: 269
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 77.6 84.3 124.3#





#37

2-Methylnaphthalene

Concen: 3.01 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

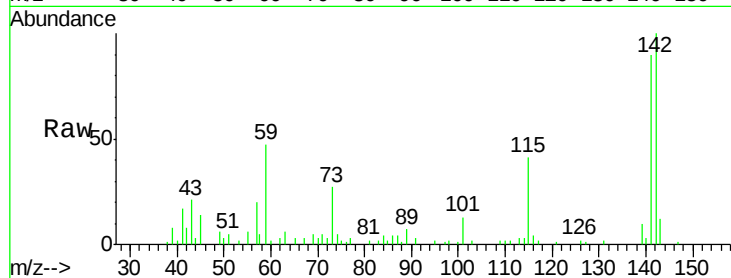
Tgt Ion:142 Resp: 22980

Ion Ratio Lower Upper

142 100

141 90.2 70.7 106.1

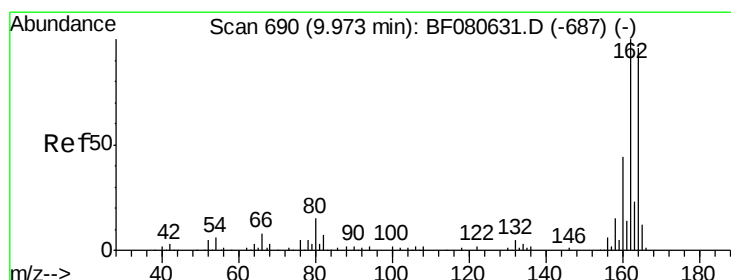
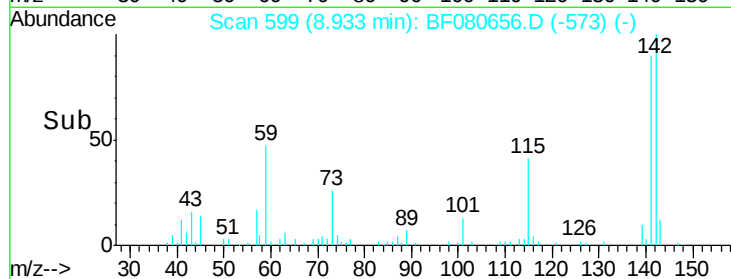
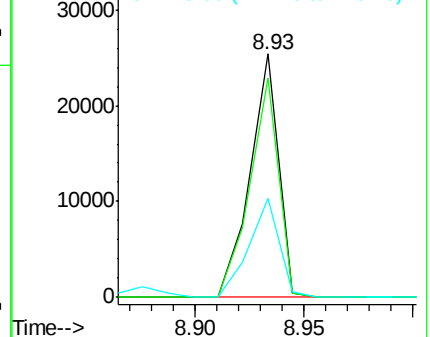
115 40.6 29.3 43.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

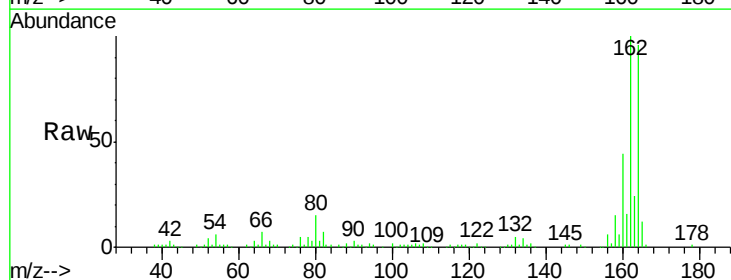
Tgt Ion:164 Resp: 115827

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

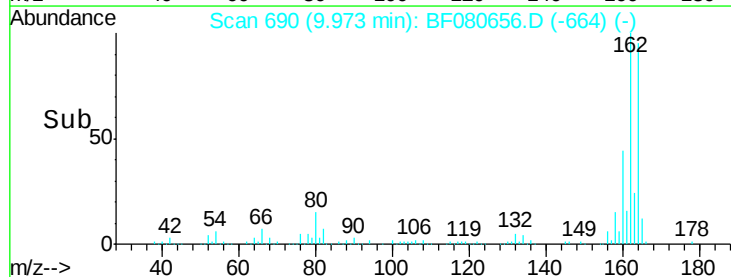
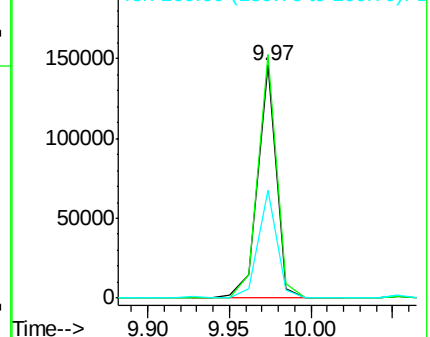
160 46.3 36.9 55.3

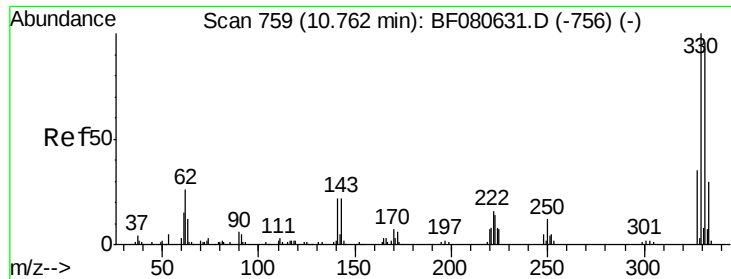


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

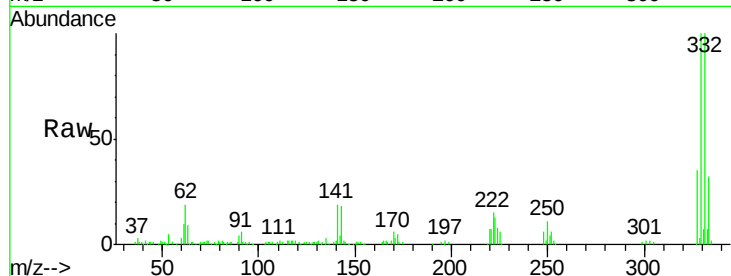




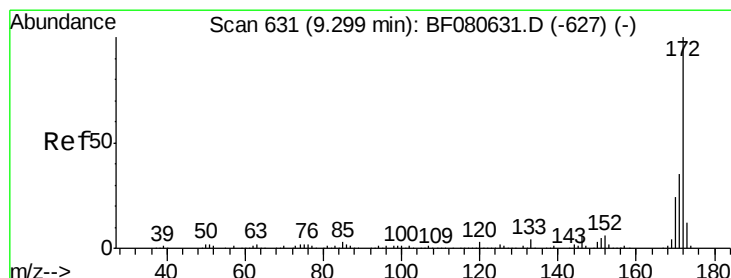
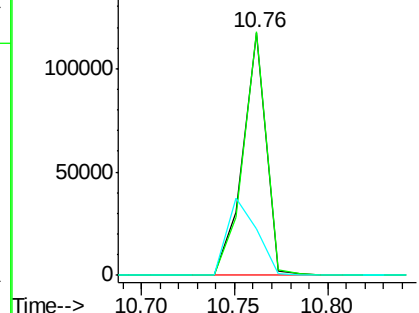
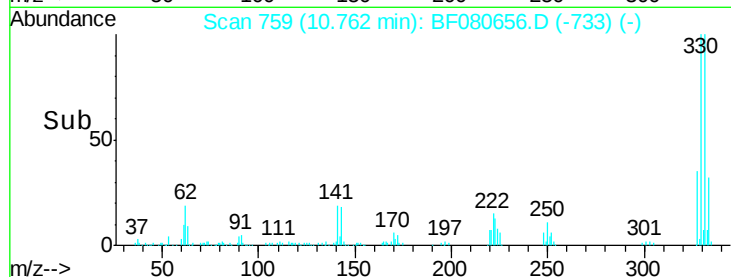
#41
 2,4,6-Tribromophenol
 Concen: 99.57 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080656.D
 Acq: 25 Jul 2015 7:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-7-22-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.7	115.1
141	40.7	32.7	49.1

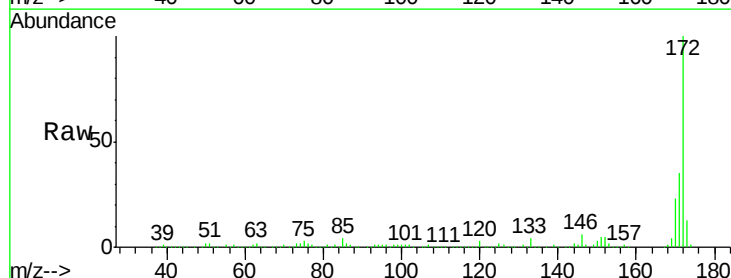


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

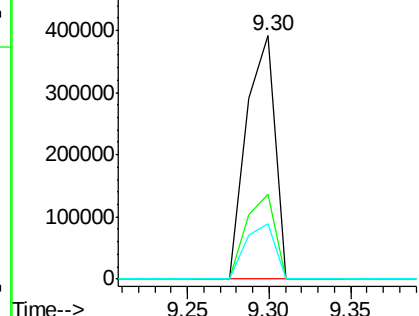
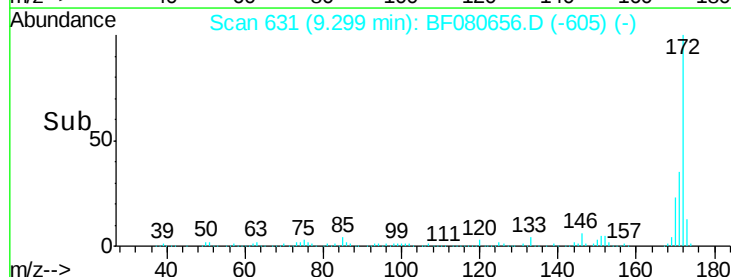


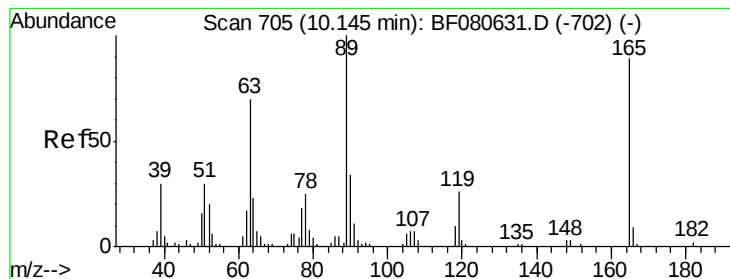
#44
 2-Fluorobiphenyl
 Concen: 62.62 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080656.D
 Acq: 25 Jul 2015 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	22.8	19.0	28.4



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





#56

2,4-Dinitrotoluene

Concen: 7.67 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.17 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

Tgt Ion:165 Resp: 14991

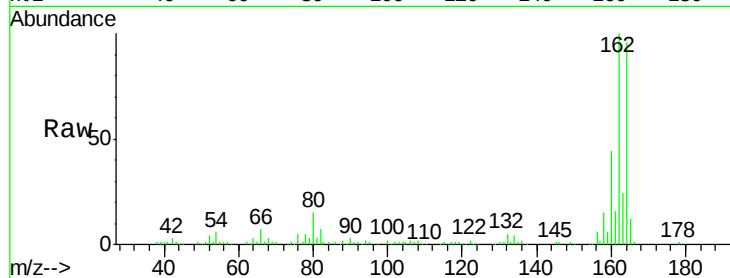
Ion Ratio Lower Upper

165 100

63 4.0 63.0 94.4#

89 2.7 90.2 135.2#

182 0.0 1.6 2.4#

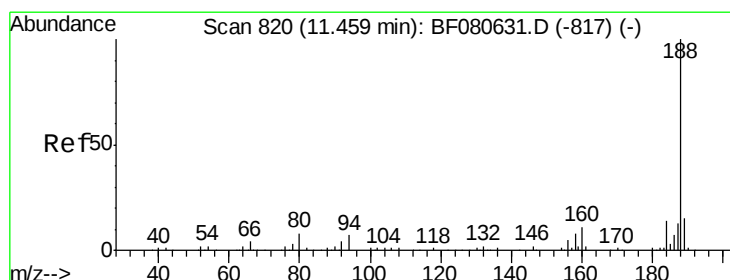
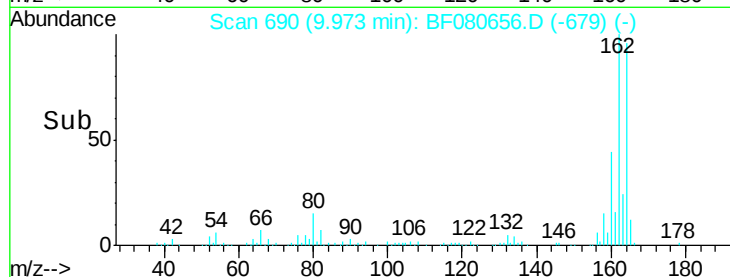
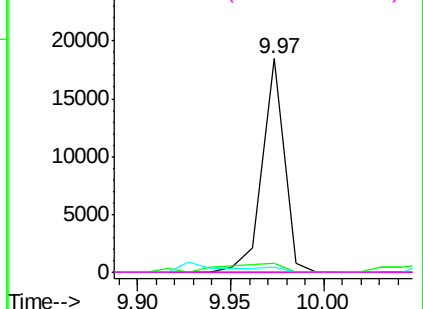


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

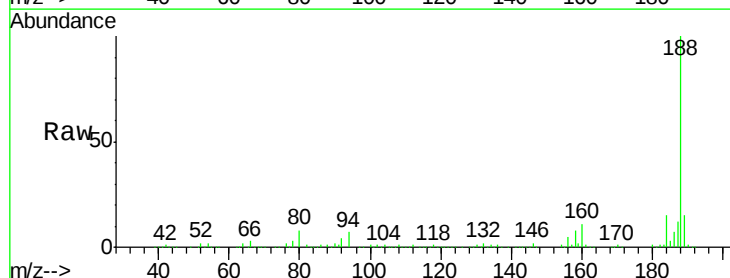
Tgt Ion:188 Resp: 216832

Ion Ratio Lower Upper

188 100

94 7.0 5.6 8.4

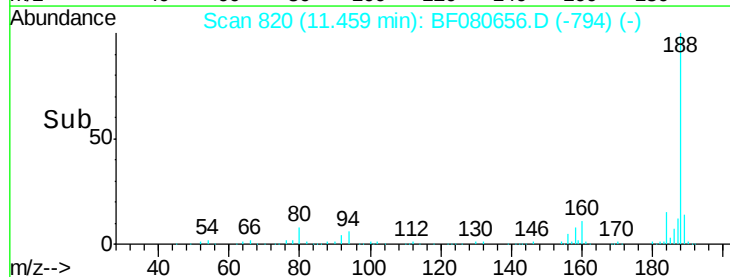
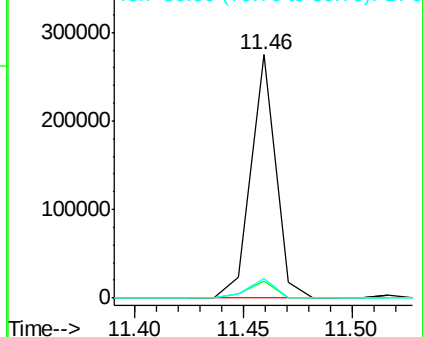
80 7.9 6.1 9.1

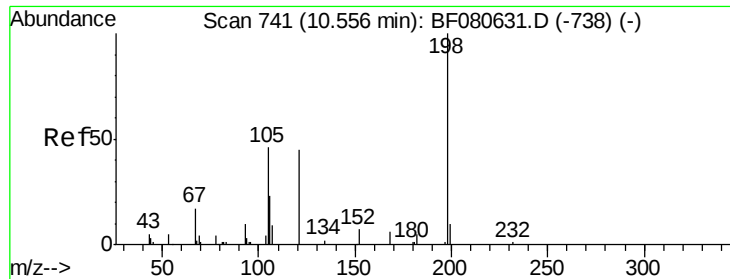


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.51 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.19 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

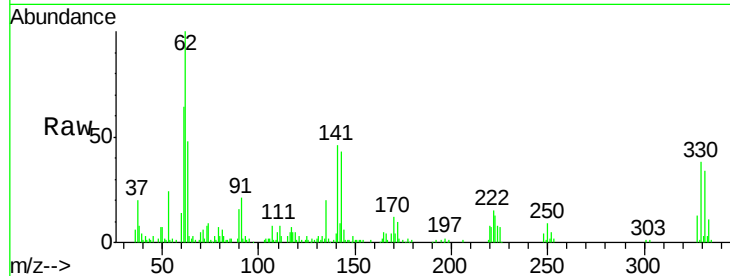
Tgt Ion:198 Resp: 213

Ion Ratio Lower Upper

198 100

51 123.8 31.1 71.1#

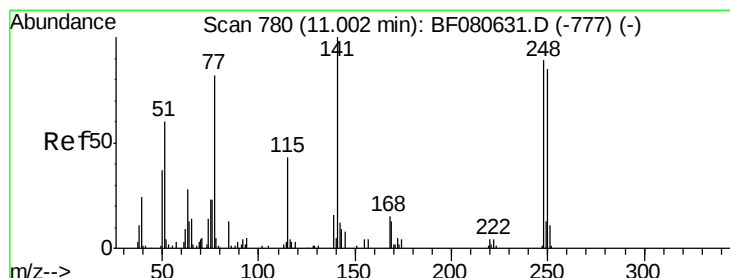
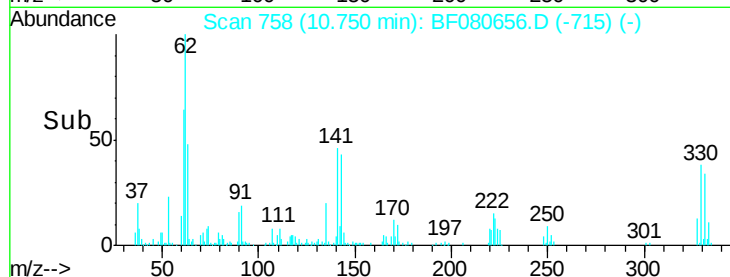
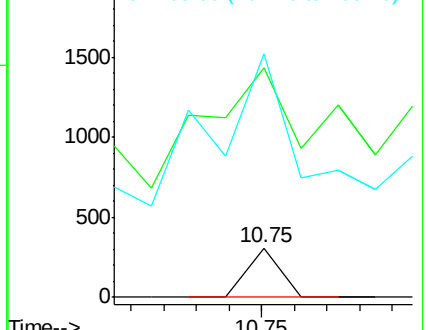
105 131.7 28.6 68.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.48 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.24 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

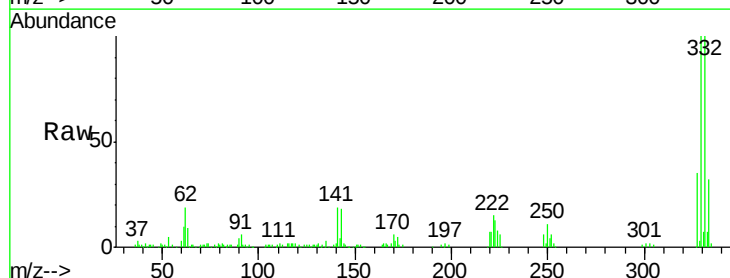
Tgt Ion:248 Resp: 7102

Ion Ratio Lower Upper

248 100

250 185.5 76.6 114.8#

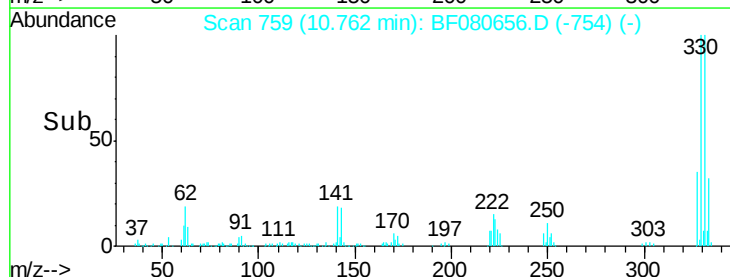
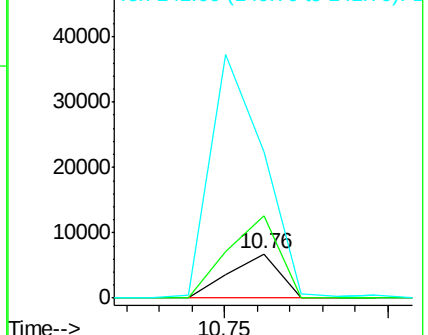
141 328.0 90.0 135.0#

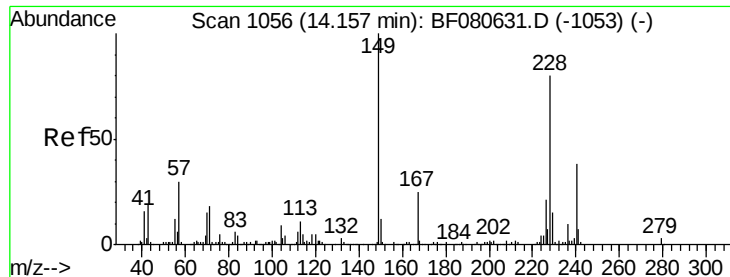


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

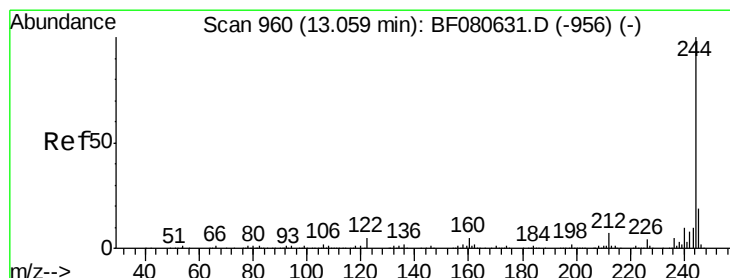
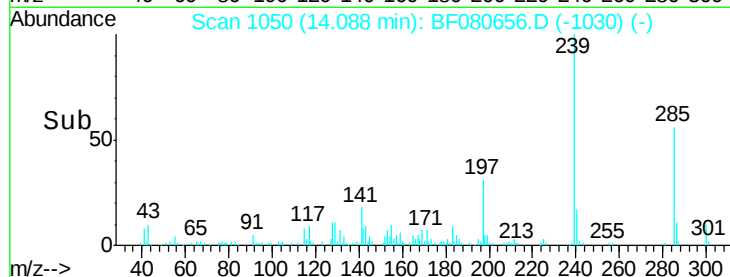
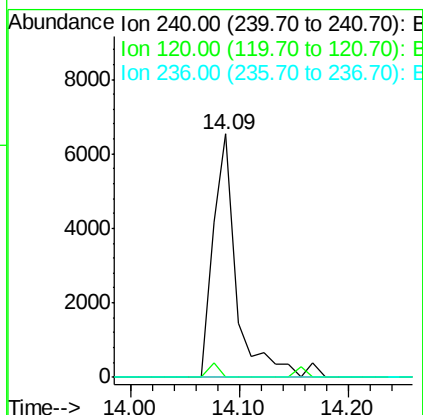
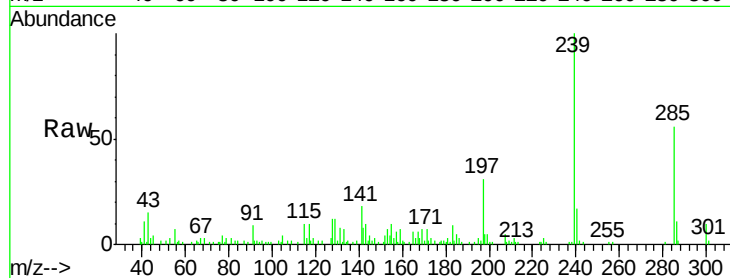




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.07 min
Lab File: BF080656.D
Acq: 25 Jul 2015 7:56

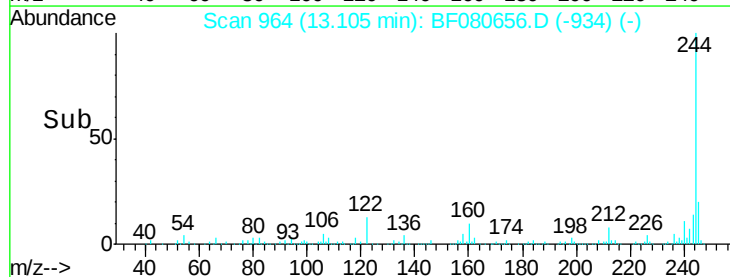
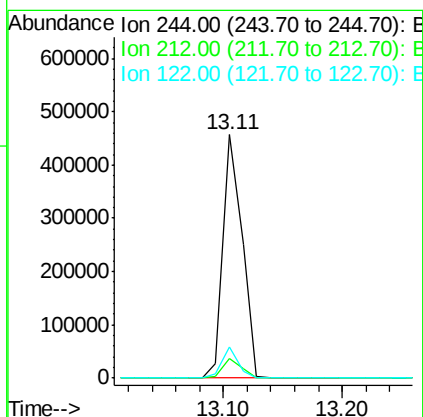
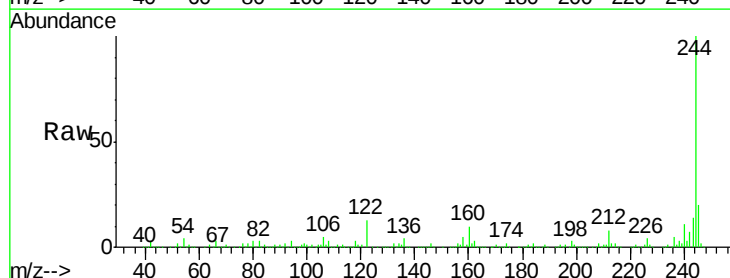
Instrument :
BNA_F
ClientSampleId :
MW-13-7-22-15

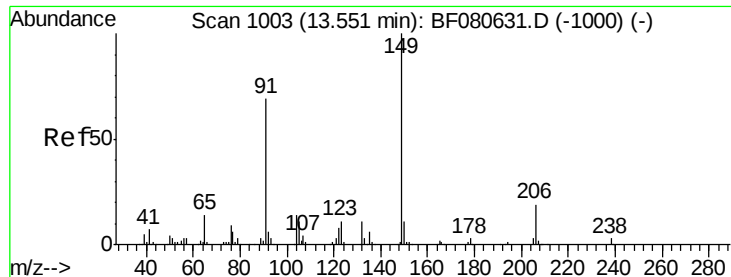
Tgt Ion:240 Resp: 9963
Ion Ratio Lower Upper
240 100
120 0.0 10.8 16.2#
236 0.0 20.3 30.5#



#78
Terphenyl-d14
Concen: 1097.50 ng
RT: 13.11 min Scan# 964
Delta R.T. 0.05 min
Lab File: BF080656.D
Acq: 25 Jul 2015 7:56

Tgt Ion:244 Resp: 507815
Ion Ratio Lower Upper
244 100
212 8.3 5.2 7.8#
122 12.8 4.1 6.1#





#79

Butylbenzylphthalate

Concen: 82.40 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.08 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

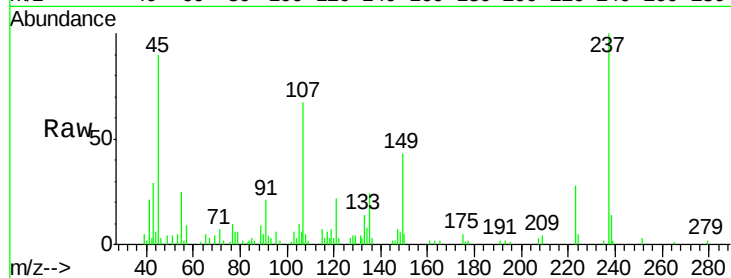
Tgt Ion:149 Resp: 22239

Ion Ratio Lower Upper

149 100

91 48.4 55.0 82.4#

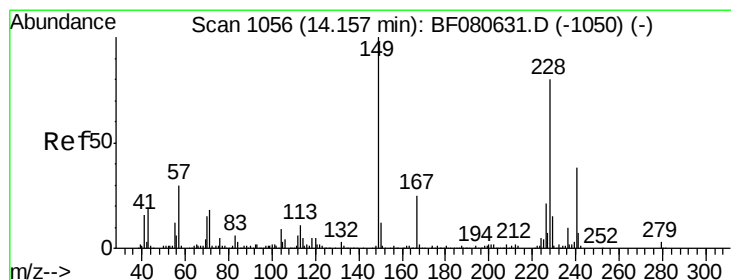
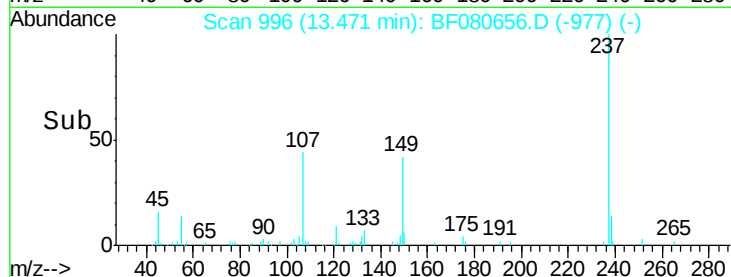
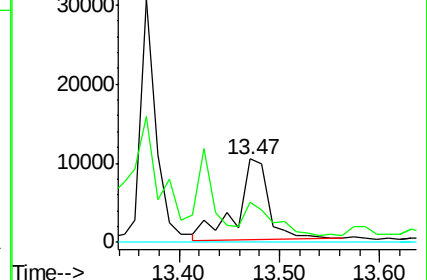
206 0.0 15.0 22.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.04 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.08 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

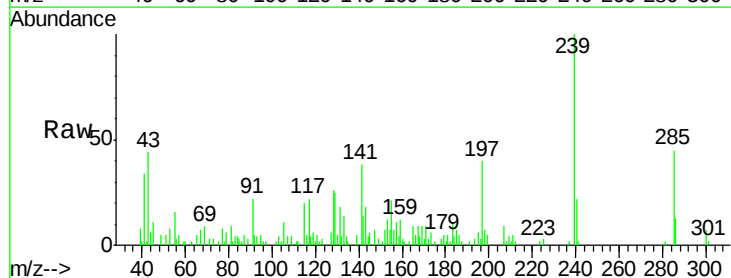
Tgt Ion:149 Resp: 1643

Ion Ratio Lower Upper

149 100

167 279.1 19.7 29.5#

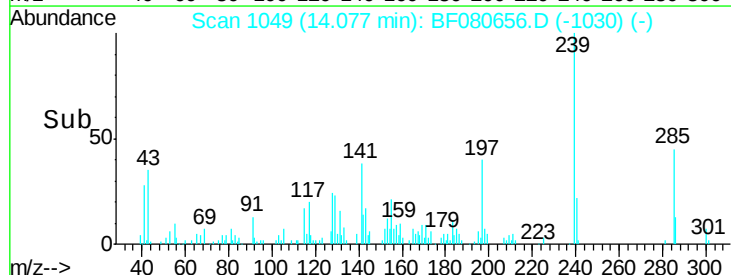
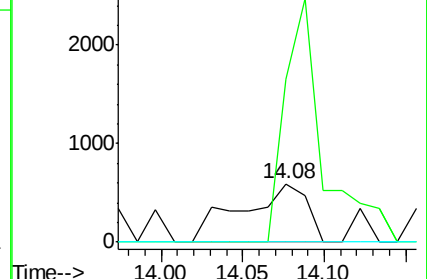
279 0.0 2.2 3.4#

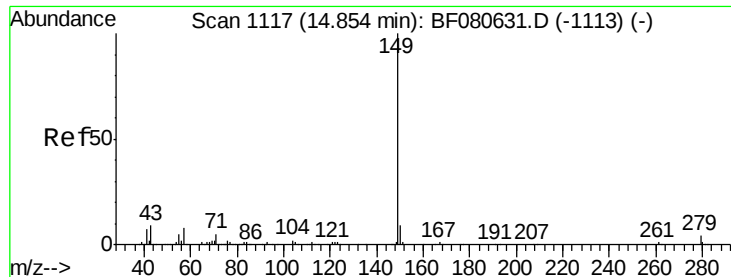


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.39 ng

RT: 14.81 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Instrument :

BNA_F

ClientSampleId :

MW-13-7-22-15

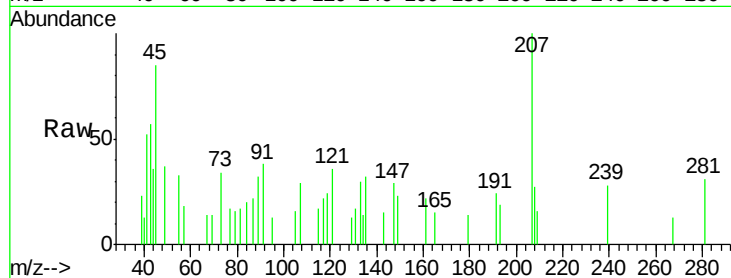
Tgt Ion: 149 Resp: 1565

Ion Ratio Lower Upper

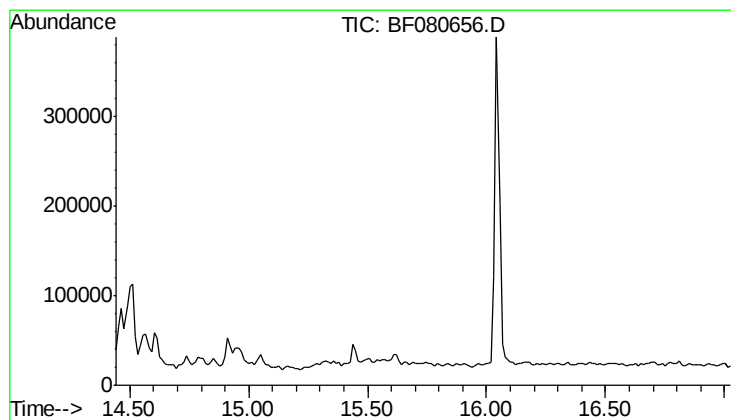
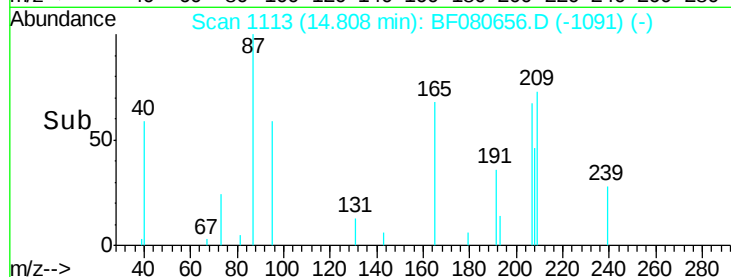
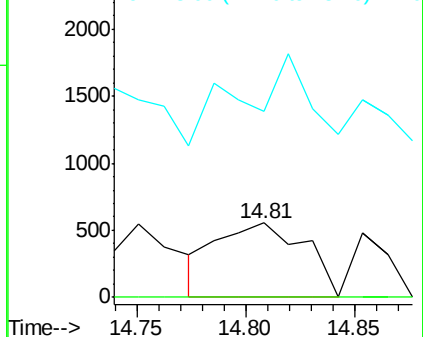
149 100

167 0.0 1.0 1.4#

43 92.3 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 15.73 min

Lab File: BF080656.D

Acq: 25 Jul 2015 7:56

Tgt Ion: 264

Sig Exp Ratio

264 100

260 25.1

265 21.7

