

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080650.D
 Acq On : 25 Jul 2015 5:03
 Operator : TP/UM
 Sample : G3079-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-7-22-15

Quant Time: Jul 25 06:38:49 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

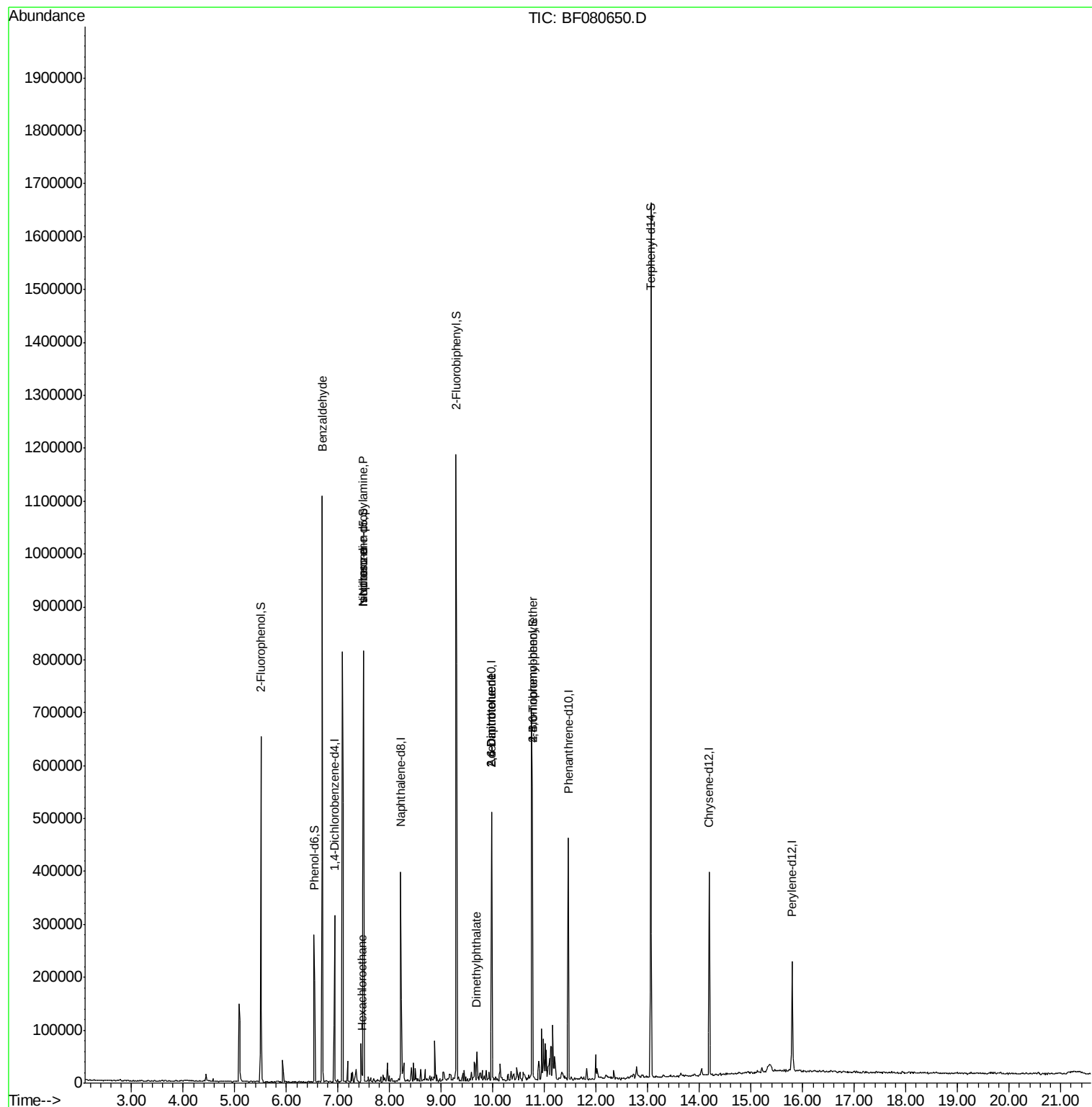
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	46556	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	166190	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	85248	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	156131	20.00	ng	0.00
75) Chrysene-d12	14.19	240	130169	20.00	ng	0.03
86) Perylene-d12	15.79	264	113875	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	147982	53.52	ng	0.00
7) Phenol-d6	6.53	99	103035	31.20	ng	-0.01
23) Nitrobenzene-d5	7.49	82	262405	79.30	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	97053	126.72	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	447922	81.07	ng	-0.01
78) Terphenyl-d14	13.06	244	469591	77.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	7364	3.41	ng	# 67
18) Hexachloroethane	7.47	117	3138	2.36	ng	# 5
19) n-Nitroso-di-n-propylamine	7.49	70	34563	14.50	ng	# 68
25) Isophorone	7.49	82	262162	45.17	ng	# 73
49) Dimethylphthalate	9.69	163	21539	3.53	ng	99
50) 2,6-Dinitrotoluene	9.97	165	11372	10.45	ng	# 6
56) 2,4-Dinitrotoluene	9.97	165	11372	7.90	ng	# 7
66) 4-Bromophenyl-phenylether	10.76	248	6463	4.39	ng	# 1

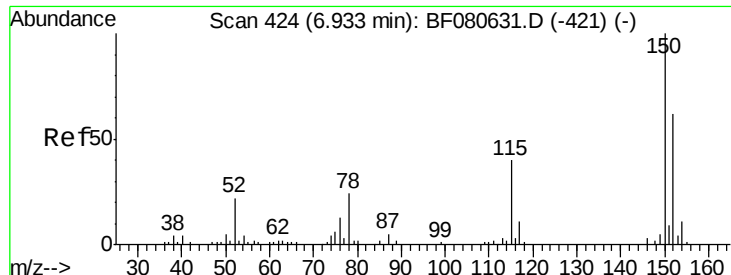
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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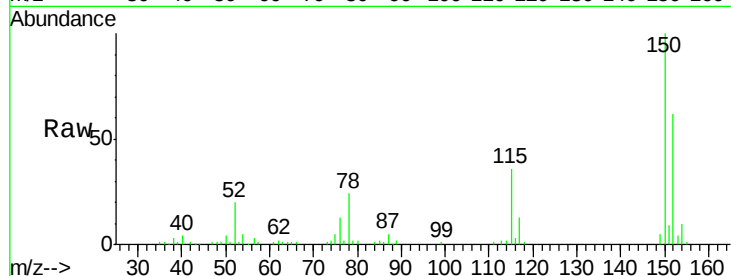




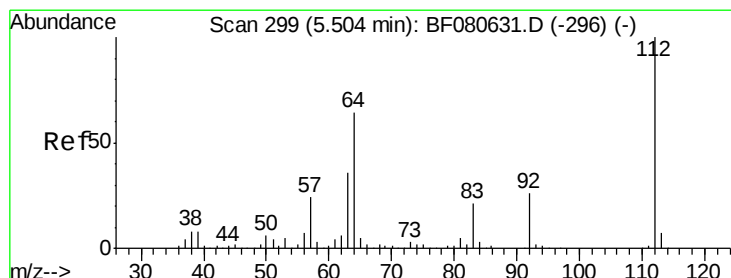
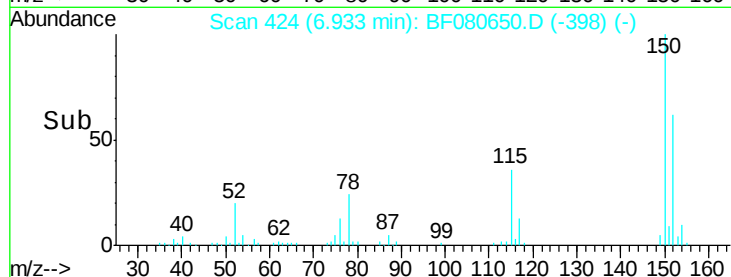
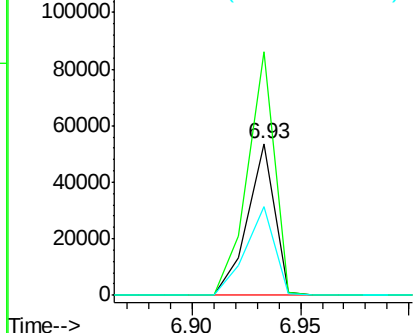
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-7-22-15

Tgt Ion:152 Resp: 46556
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.9 193.3
 115 58.0 51.0 76.6

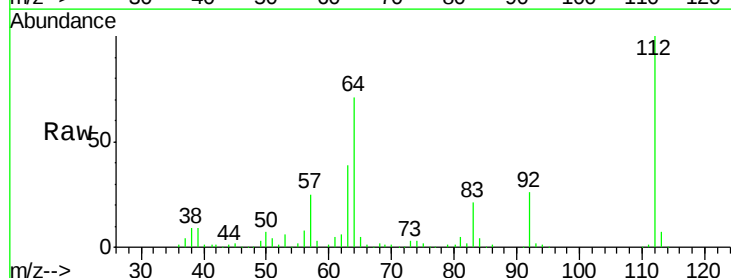


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

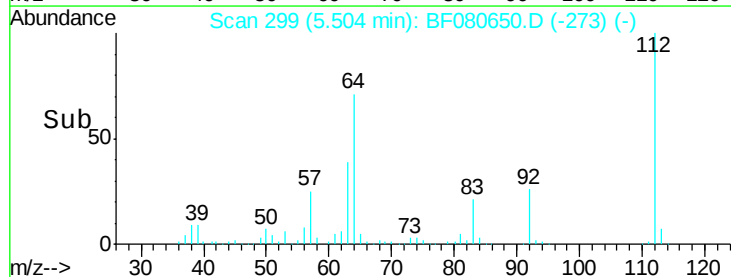
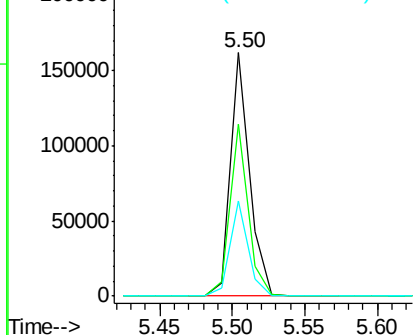


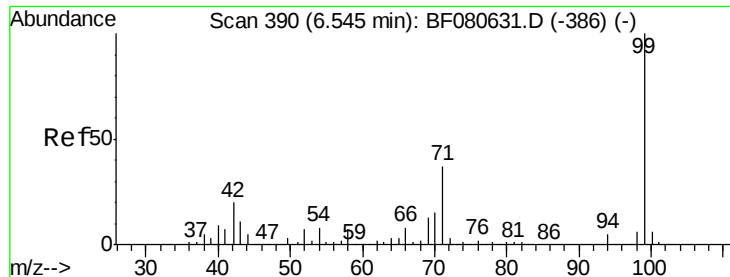
#5
 2-Fluorophenol
 Concen: 53.52 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Tgt Ion:112 Resp: 147982
 Ion Ratio Lower Upper
 112 100
 64 70.9 51.2 76.8
 63 39.1 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: 31.20 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

MW-10-7-22-15

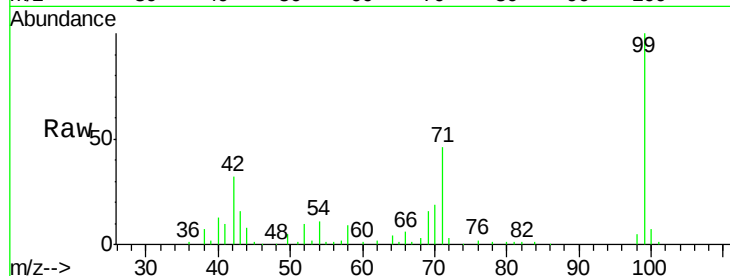
Tgt Ion: 99 Resp: 103035

Ion Ratio Lower Upper

99 100

42 31.9 16.3 24.5#

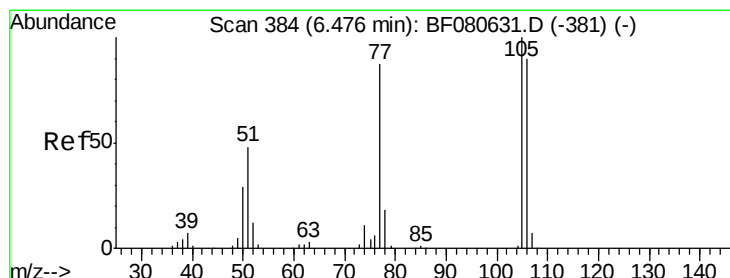
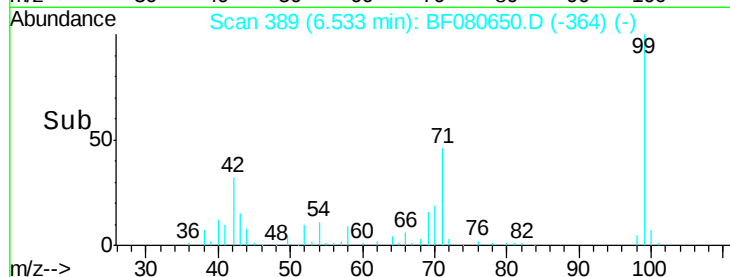
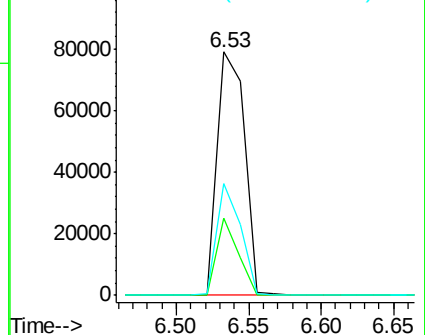
71 46.0 29.7 44.5#



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: 3.41 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

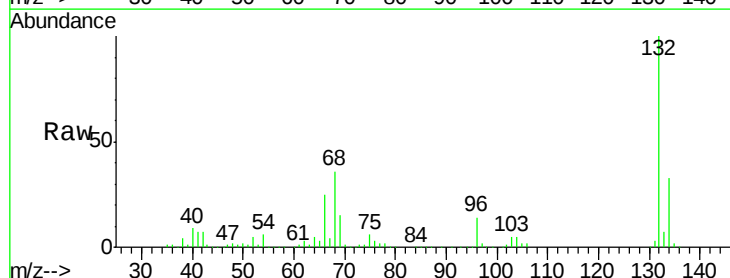
Tgt Ion: 77 Resp: 7364

Ion Ratio Lower Upper

77 100

105 81.4 94.7 134.7#

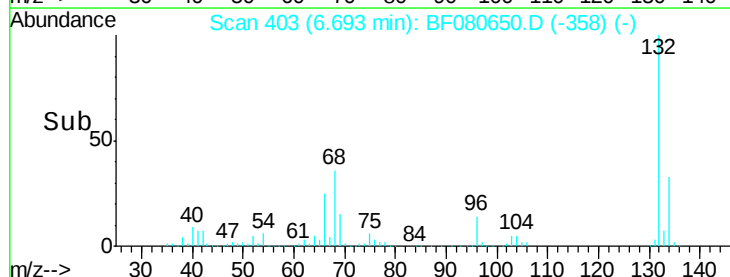
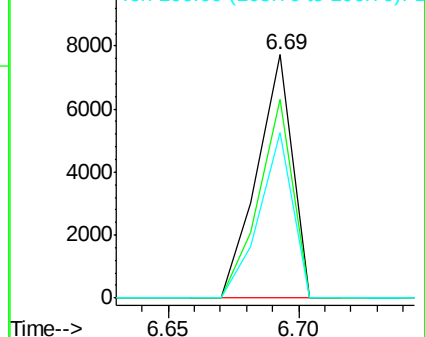
106 68.2 83.4 123.4#

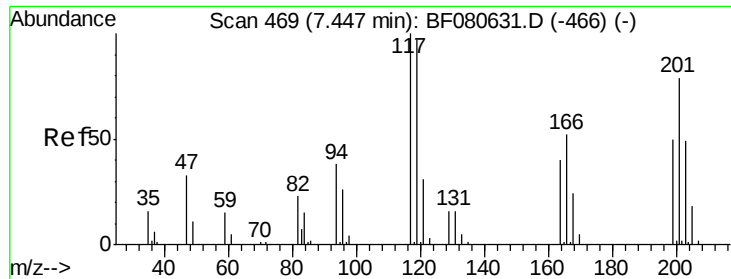


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

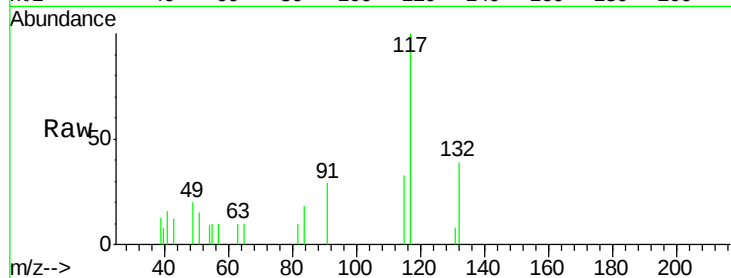




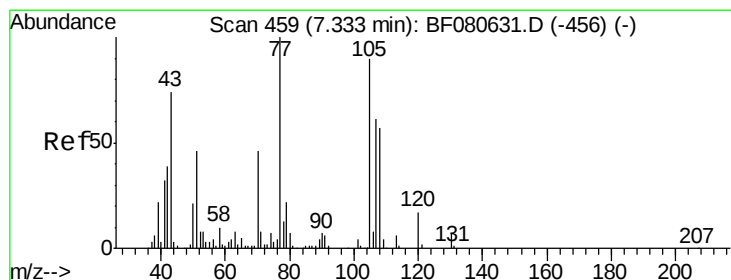
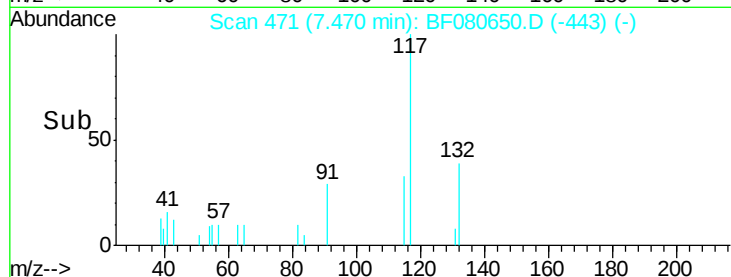
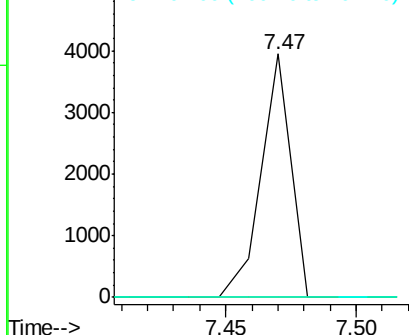
#18
Hexachloroethane
Concen: 2.36 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.02 min
Lab File: BF080650.D
Acq: 25 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
MW-10-7-22-15

Tgt Ion: 117 Resp: 3138
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.2#
201 0.0 62.9 94.3#

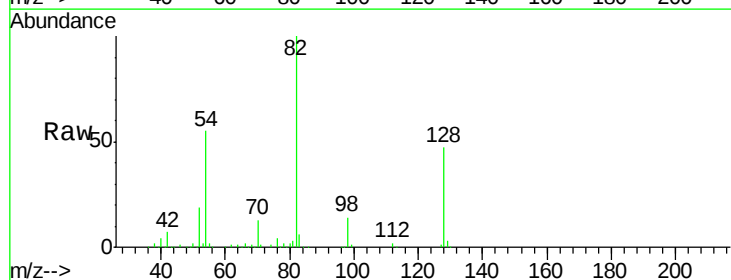


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

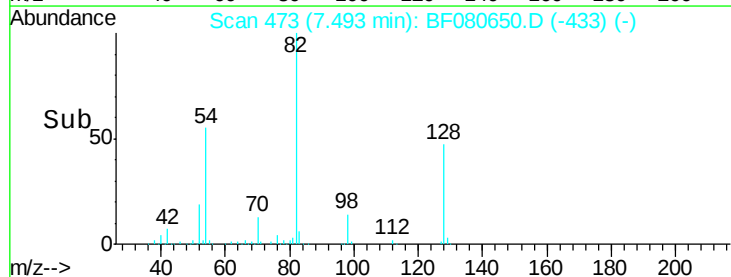
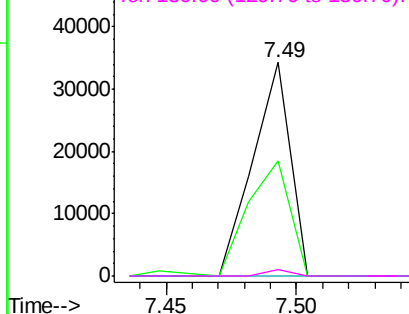


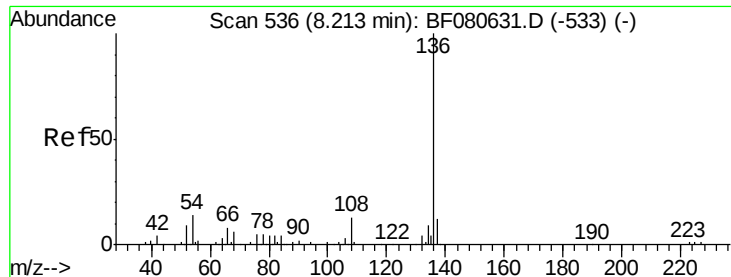
#19
n-Nitroso-di-n-propylamine
Concen: 14.50 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080650.D
Acq: 25 Jul 2015 5:03

Tgt Ion: 70 Resp: 34563
Ion Ratio Lower Upper
70 100
42 54.2 67.8 101.8#
101 0.0 6.6 9.8#
130 3.0 11.4 17.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

MW-10-7-22-15

Tgt Ion:136 Resp: 166190

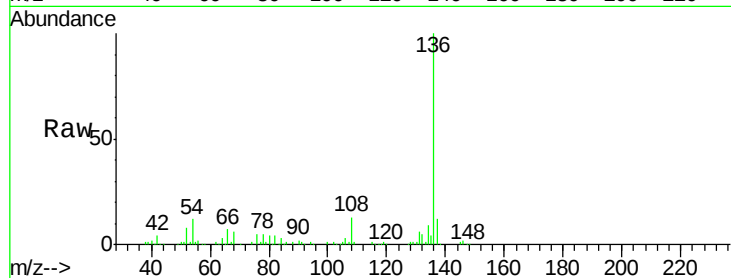
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 11.9 11.6 17.4

68 5.6 5.0 7.4

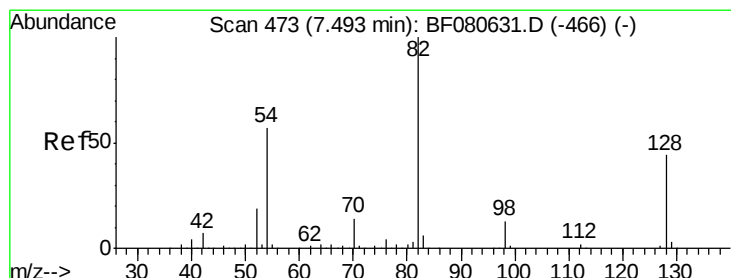
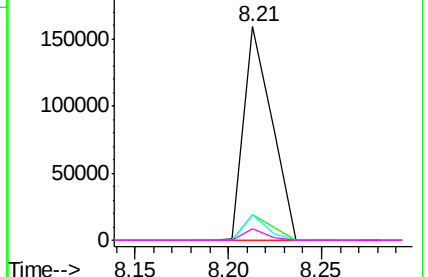
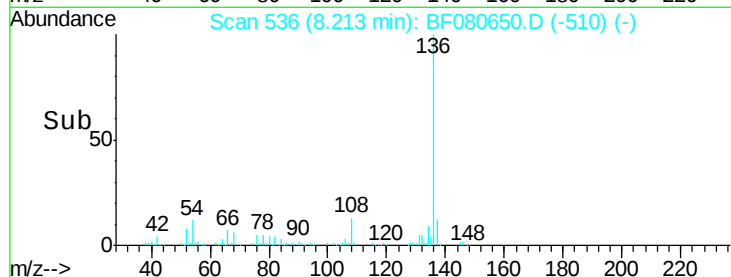


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.30 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

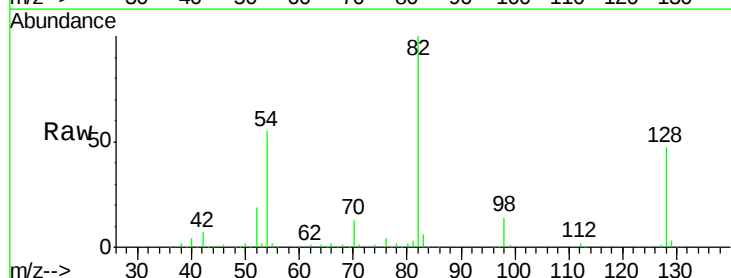
Tgt Ion: 82 Resp: 262405

Ion Ratio Lower Upper

82 100

128 47.1 34.8 52.2

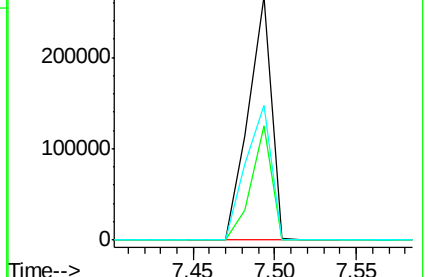
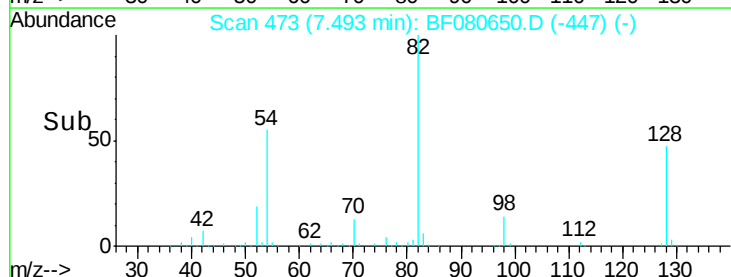
54 55.1 45.4 68.0

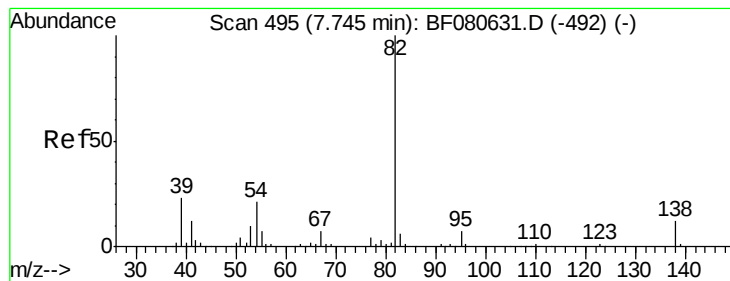


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.17 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

MW-10-7-22-15

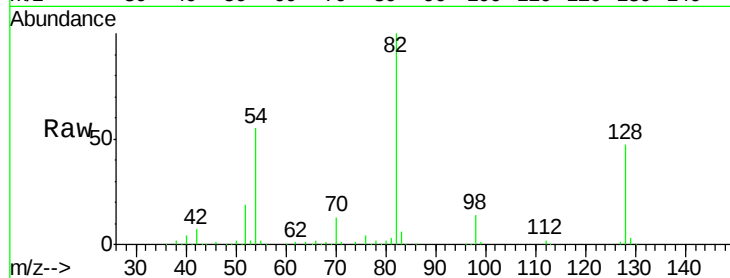
Tgt Ion: 82 Resp: 262162

Ion Ratio Lower Upper

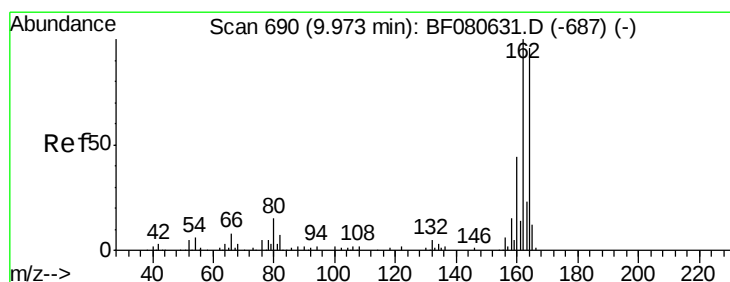
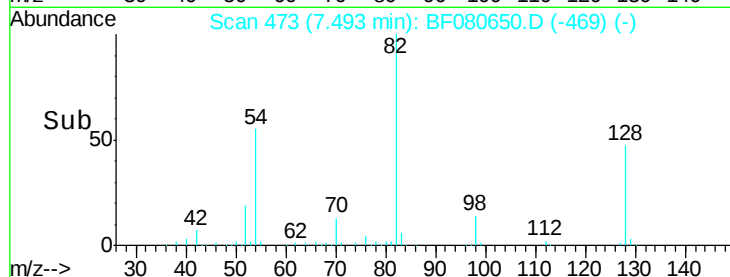
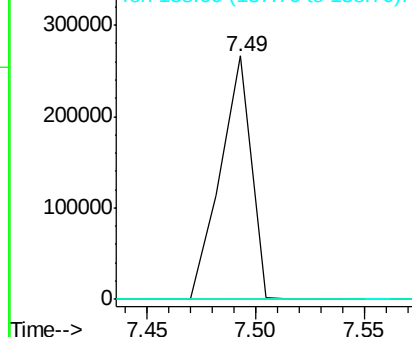
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

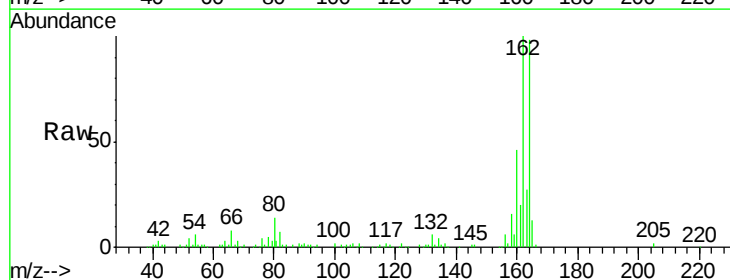
Tgt Ion: 164 Resp: 85248

Ion Ratio Lower Upper

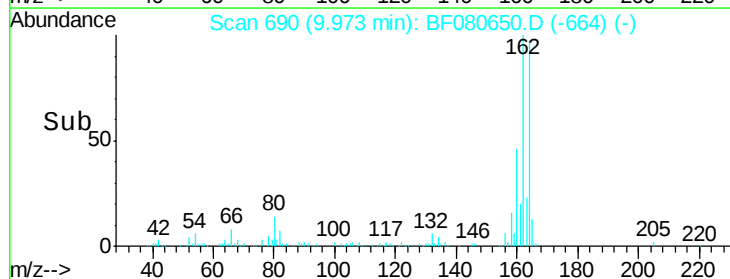
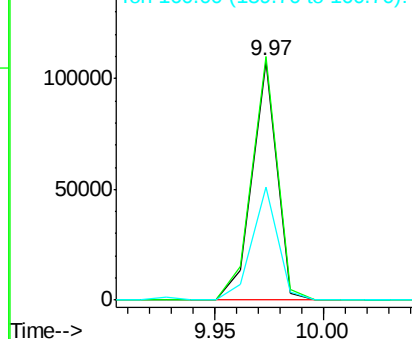
164 100

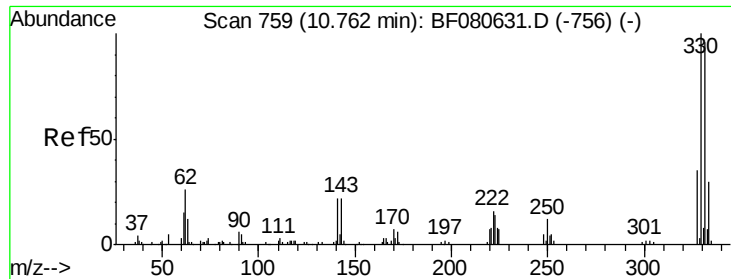
162 102.1 83.3 124.9

160 47.4 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

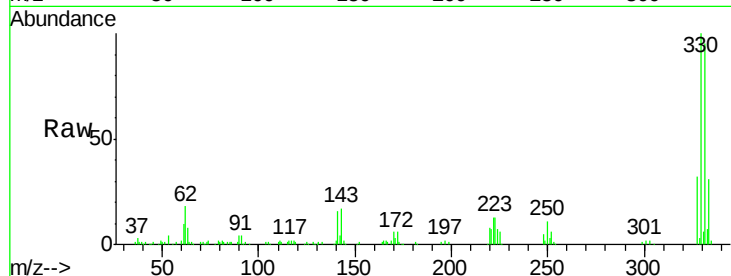




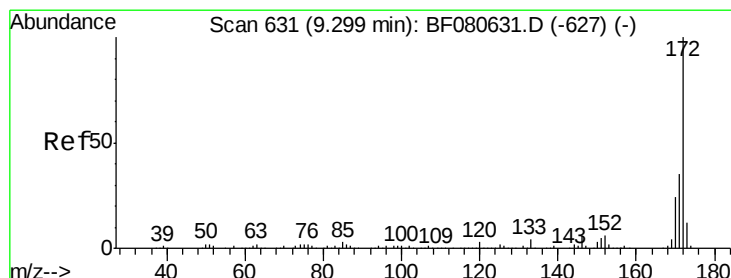
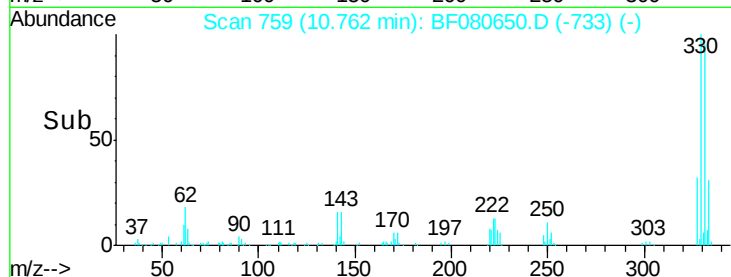
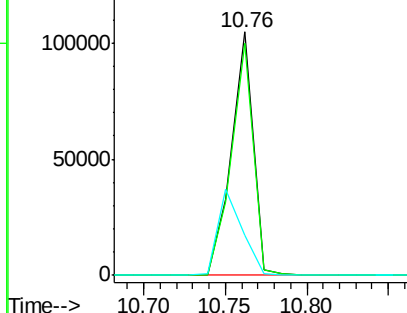
#41
 2,4,6-Tribromophenol
 Concen: 126.72 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-7-22-15

Tgt Ion:330 Resp: 97053
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.7 115.1
 141 39.9 32.7 49.1

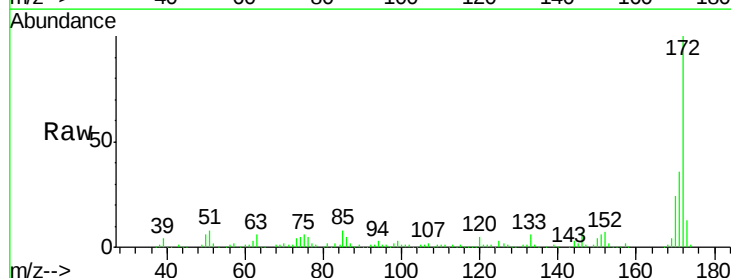


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

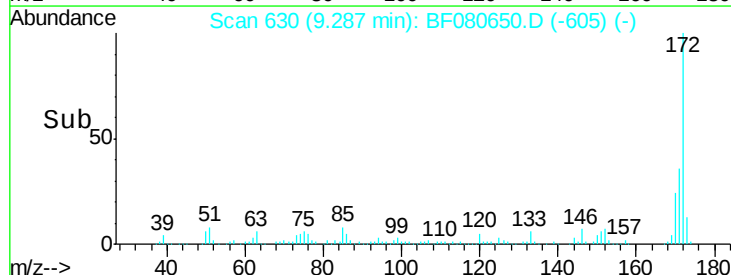
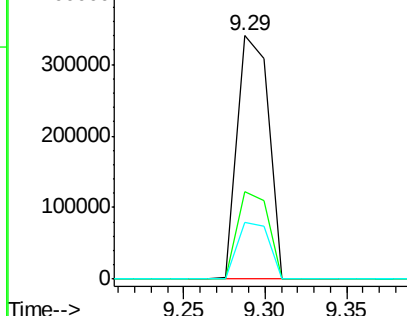


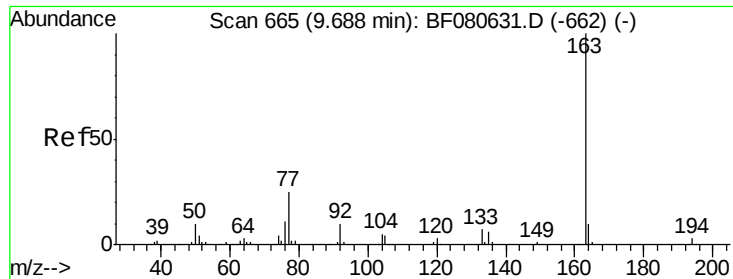
#44
 2-Fluorobiphenyl
 Concen: 81.07 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Tgt Ion:172 Resp: 447922
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.7 41.5
 170 23.6 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

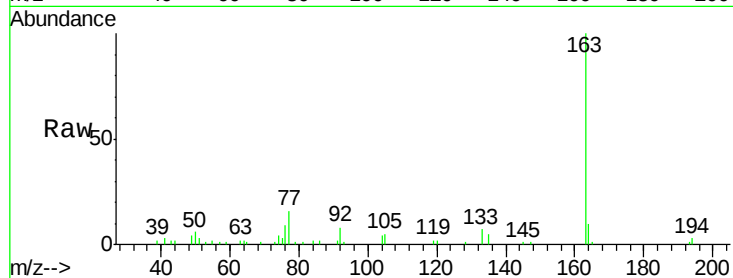




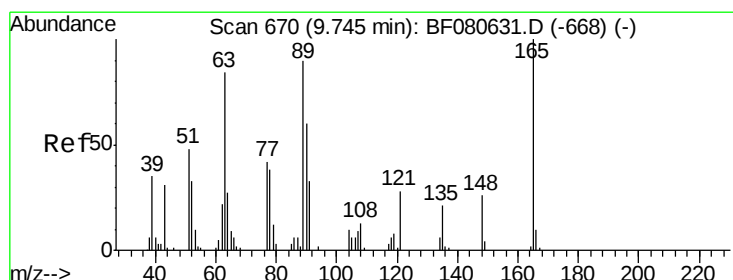
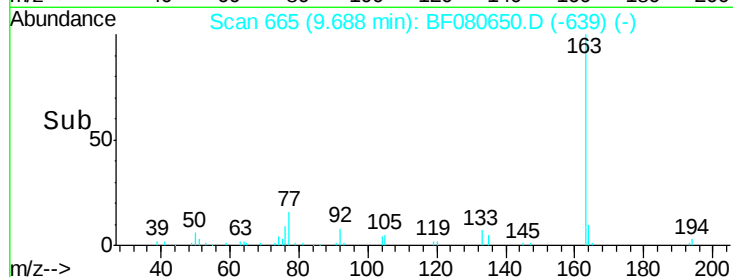
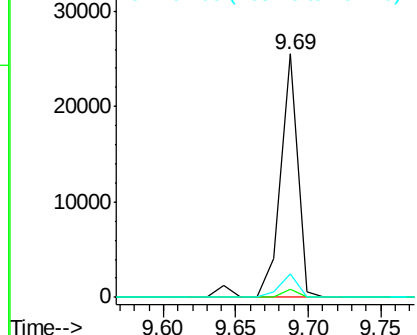
#49
Dimethylphthalate
Concen: 3.53 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080650.D
Acq: 25 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
MW-10-7-22-15

Tgt Ion:163 Resp: 21539
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.6 8.0 12.0

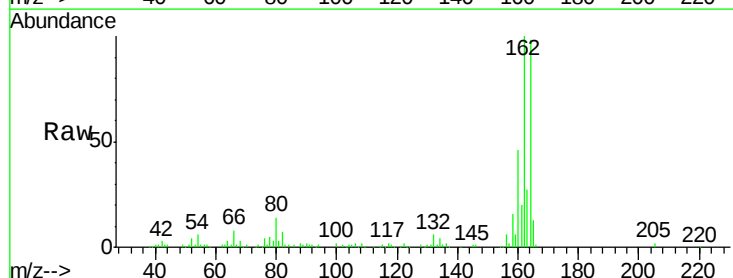


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

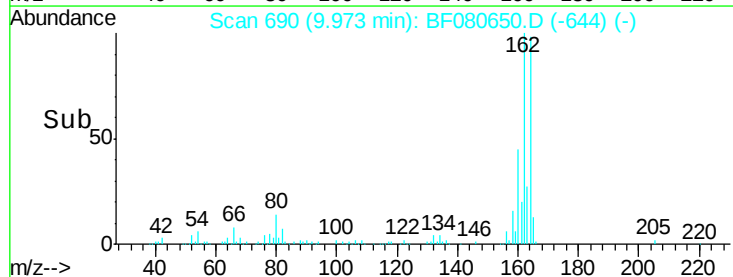
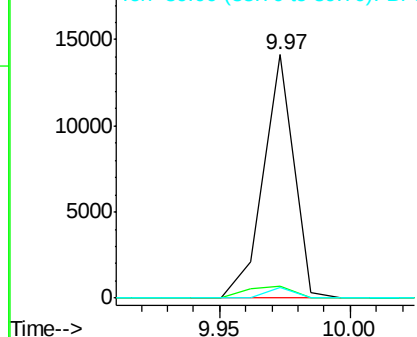


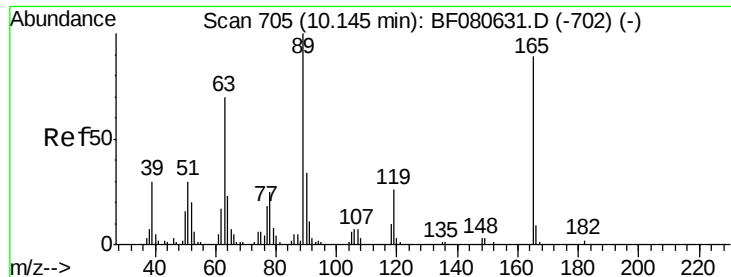
#50
2,6-Dinitrotoluene
Concen: 10.45 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.23 min
Lab File: BF080650.D
Acq: 25 Jul 2015 5:03

Tgt Ion:165 Resp: 11372
Ion Ratio Lower Upper
165 100
63 4.9 84.0 126.0#
89 4.1 71.7 107.5#



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

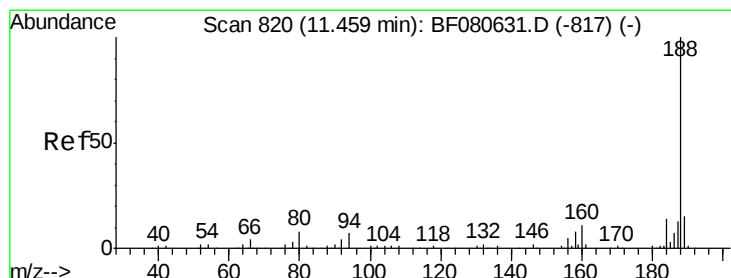
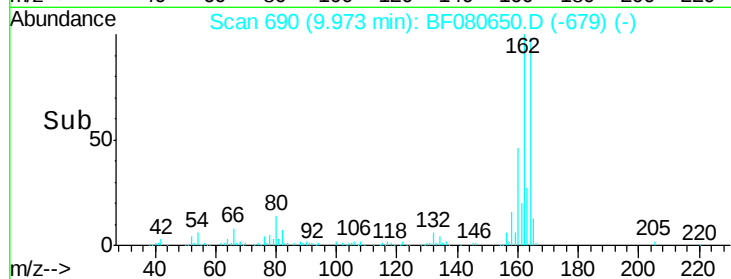
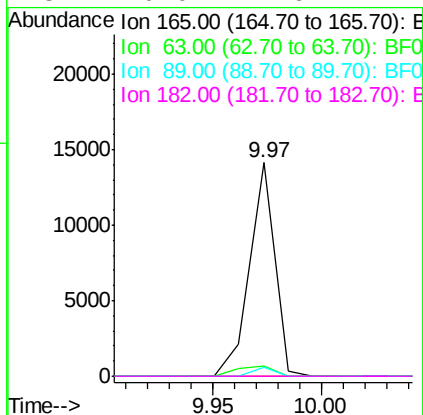
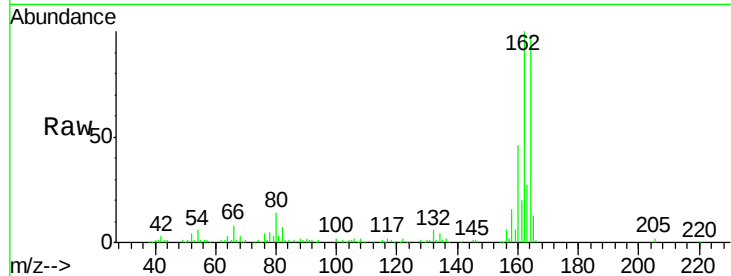




#56
 2,4-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

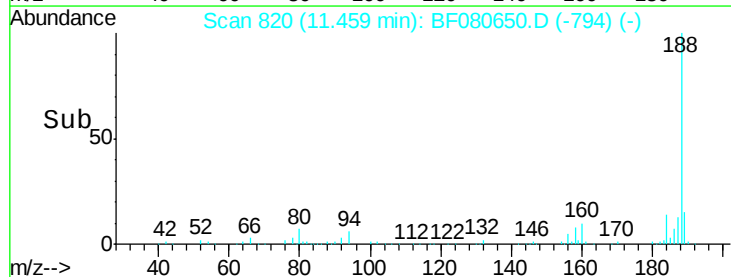
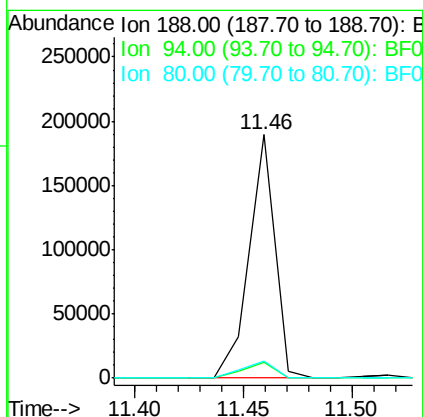
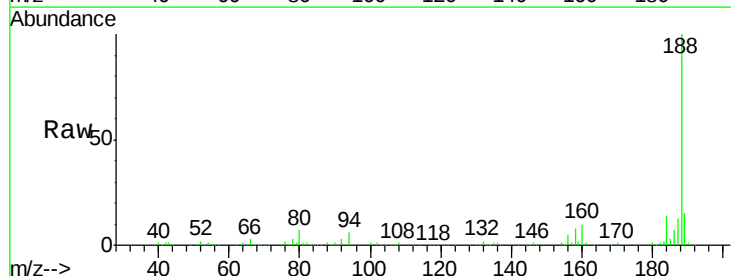
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-7-22-15

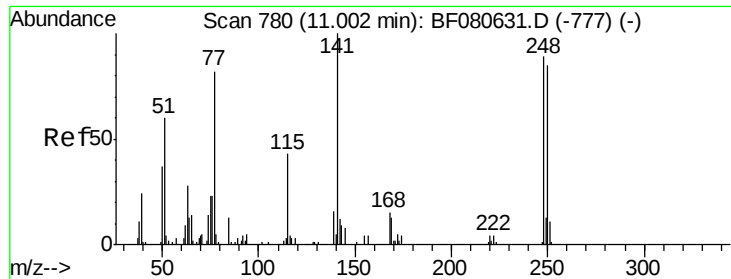
Tgt Ion:165 Resp: 11372
 Ion Ratio Lower Upper
 165 100
 63 4.9 63.0 94.4#
 89 4.1 90.2 135.2#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Tgt Ion:188 Resp: 156131
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.6 8.4
 80 7.0 6.1 9.1

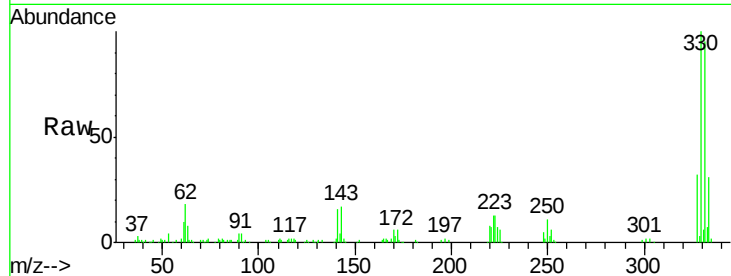




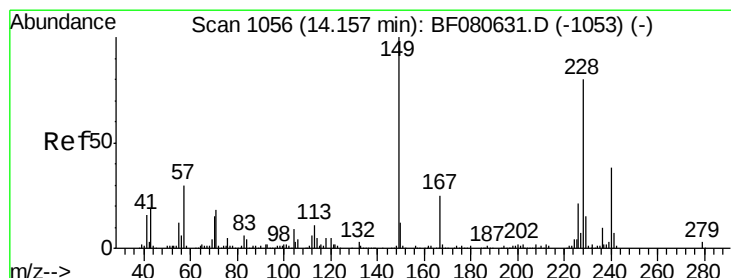
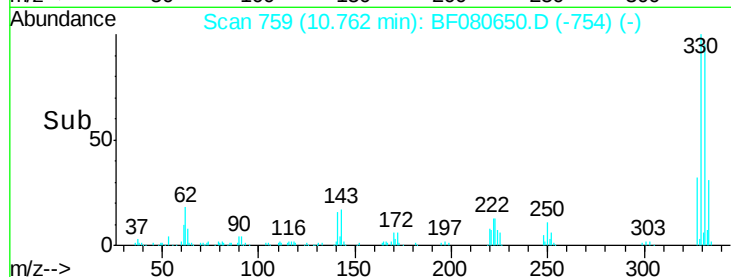
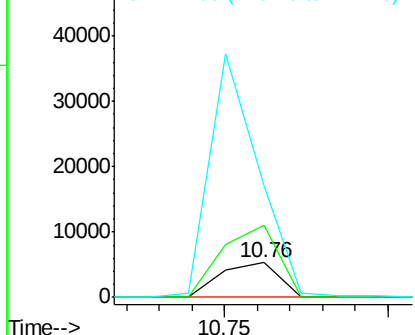
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080650.D
Acq: 25 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
MW-10-7-22-15

Tgt Ion:248 Resp: 6463
Ion Ratio Lower Upper
248 100
250 210.3 76.6 114.8#
141 325.3 90.0 135.0#

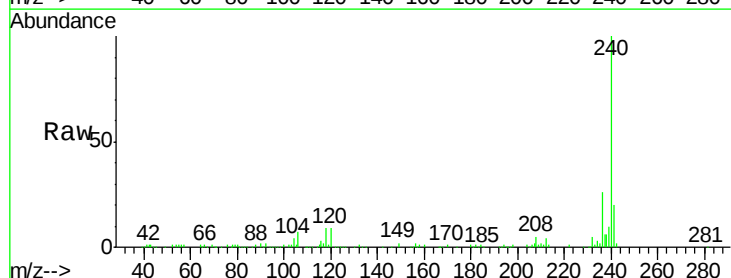


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

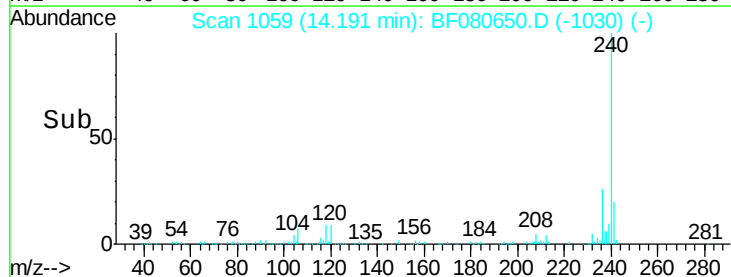
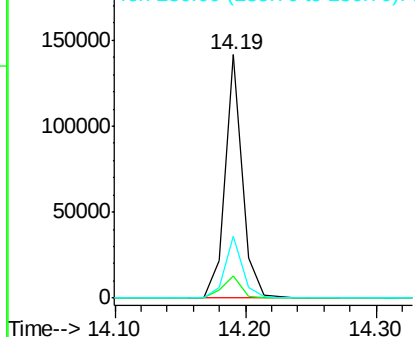


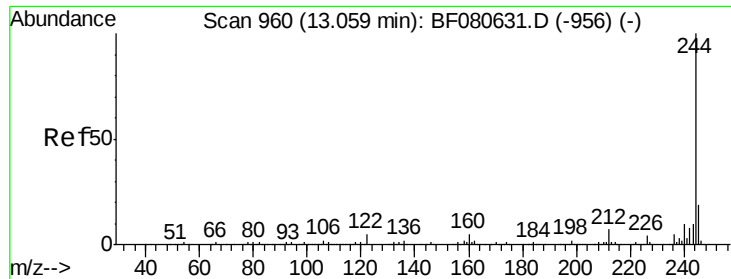
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1059
Delta R.T. 0.03 min
Lab File: BF080650.D
Acq: 25 Jul 2015 5:03

Tgt Ion:240 Resp: 130169
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 25.5 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

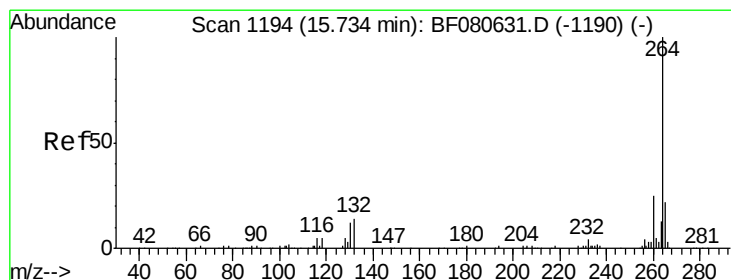
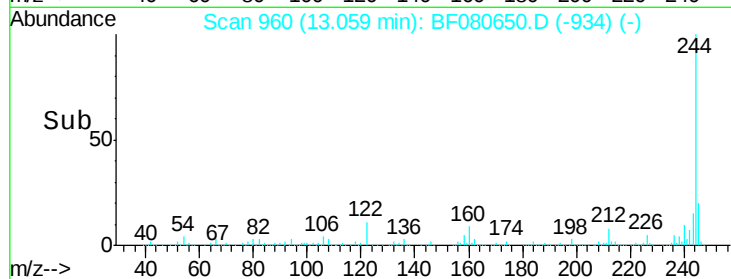
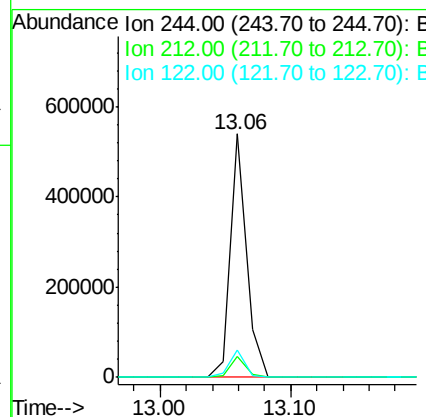
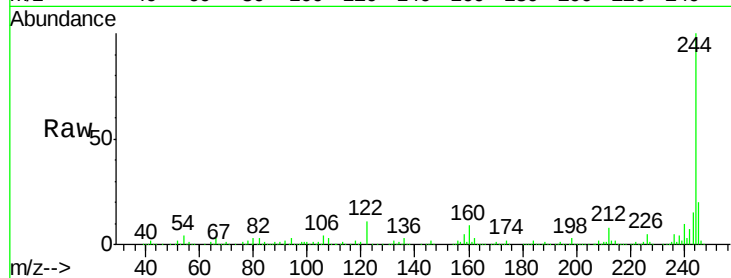




#78
 Terphenyl-d14
 Concen: 77.68 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-7-22-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.2	7.8#
122	11.0	4.1	6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.79 min Scan# 1199
 Delta R.T. 0.06 min
 Lab File: BF080650.D
 Acq: 25 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	20.1	30.1
265	22.1	17.4	26.0

