

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080660.D
 Acq On : 25 Jul 2015 9:52
 Operator : TP/UM
 Sample : G3079-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Quant Time: Jul 27 01:17:11 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

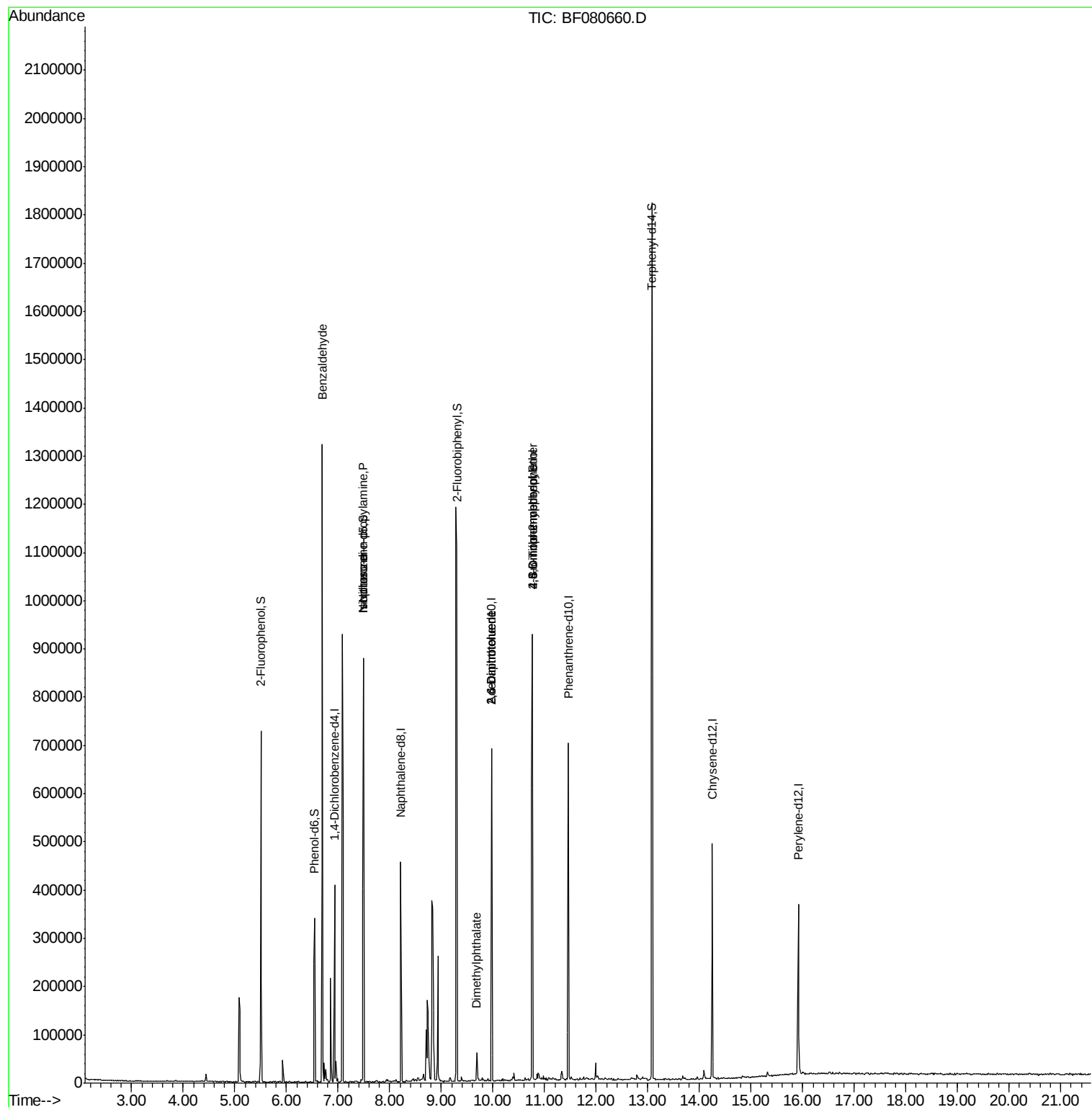
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61294	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	215197	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	120217	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	231579	20.00	ng	0.00
75) Chrysene-d12	14.25	240	204418	20.00	ng	0.09
86) Perylene-d12	15.92	264	163916	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	178783	49.11	ng	0.00
7) Phenol-d6	6.54	99	132410	30.45	ng	0.00
23) Nitrobenzene-d5	7.49	82	289583	67.58	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	121448	112.44	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	524348	67.30	ng	0.00
78) Terphenyl-d14	13.08	244	626792	66.02	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	8631	3.04	ng	# 70
19) n-Nitroso-di-n-propylamine	7.49	70	39147	12.48	ng	# 63
25) Isophorone	7.49	82	289234	38.49	ng	# 73
49) Dimethylphthalate	9.69	163	21528	2.50	ng	99
50) 2,6-Dinitrotoluene	9.97	165	15733	10.25	ng	# 3
56) 2,4-Dinitrotoluene	9.97	165	15734	7.75	ng	# 4
64) 4,6-Dinitro-2-methylphenol	10.76	198	250	6.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	8808	4.04	ng	# 1

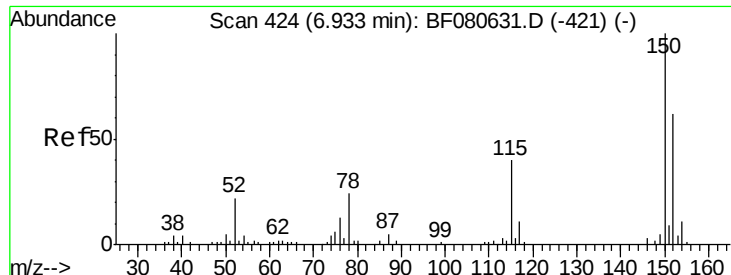
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

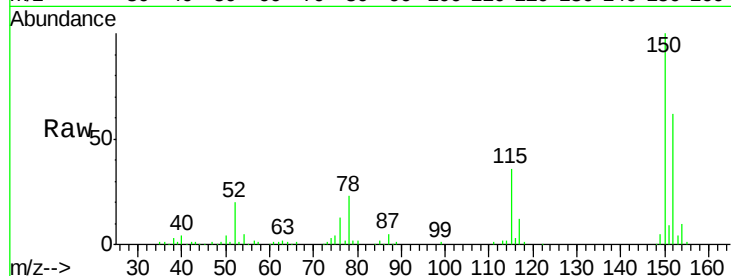
Tgt Ion:152 Resp: 61294

Ion Ratio Lower Upper

152 100

150 160.8 128.9 193.3

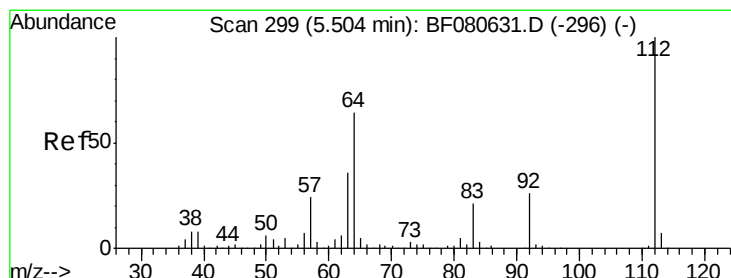
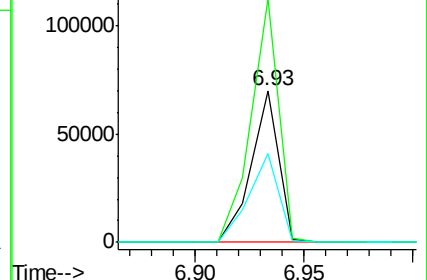
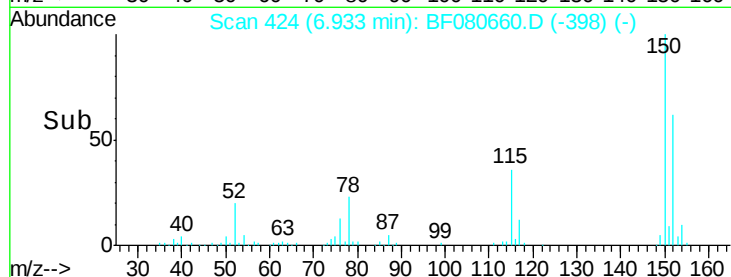
115 58.4 51.0 76.6



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: 49.11 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

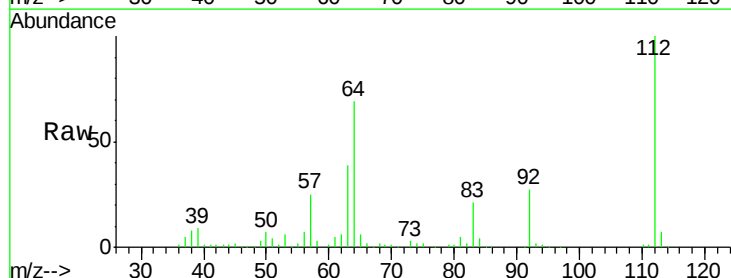
Tgt Ion:112 Resp: 178783

Ion Ratio Lower Upper

112 100

64 68.6 51.2 76.8

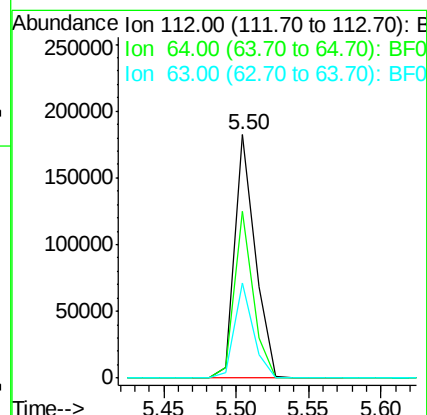
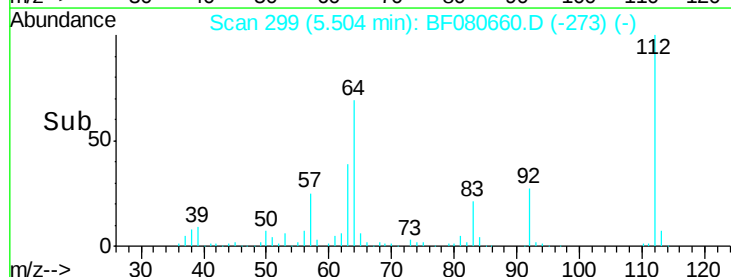
63 39.0 29.0 43.6

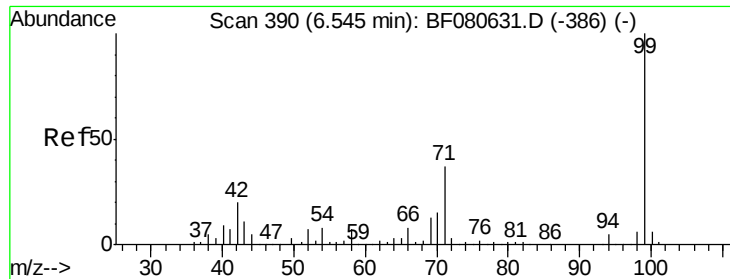


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.45 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

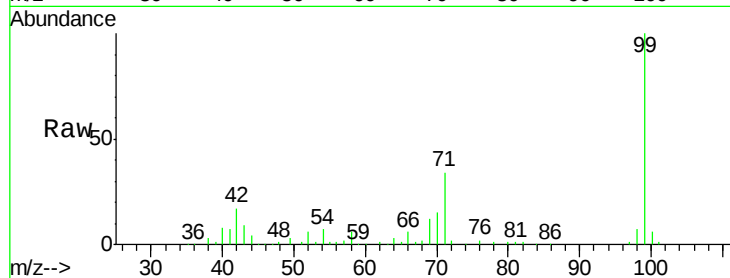
Tgt Ion: 99 Resp: 132410

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

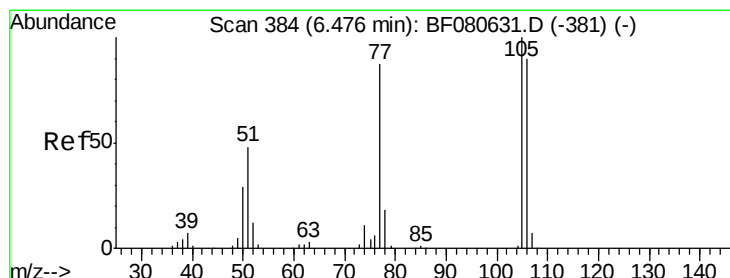
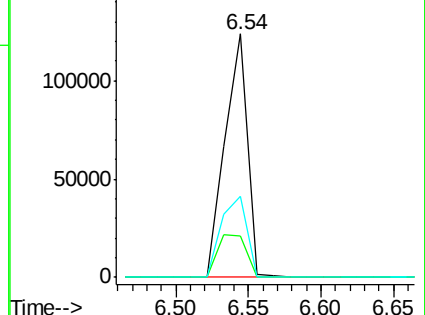
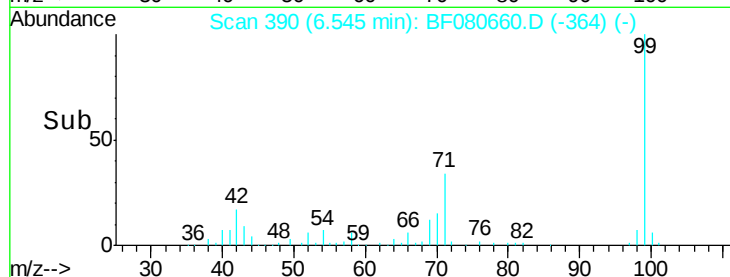
71 33.5 29.7 44.5



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: 3.04 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

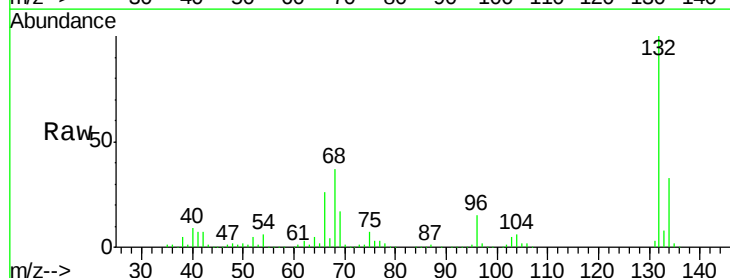
Tgt Ion: 77 Resp: 8631

Ion Ratio Lower Upper

77 100

105 79.4 94.7 134.7#

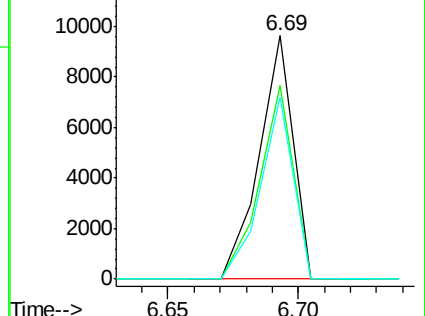
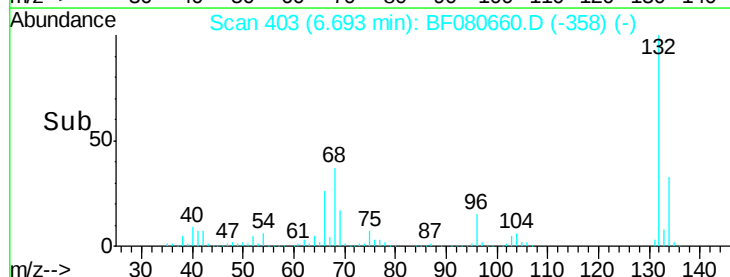
106 74.8 83.4 123.4#

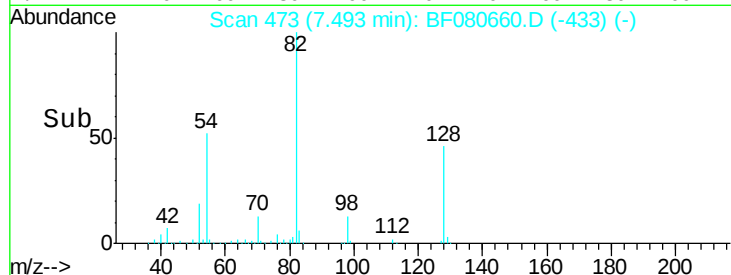
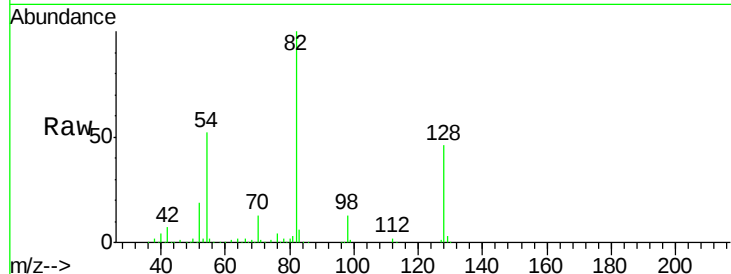
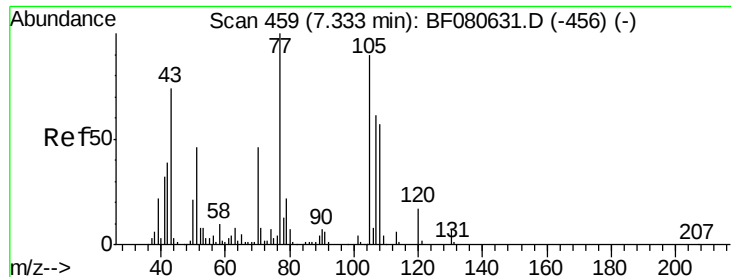


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

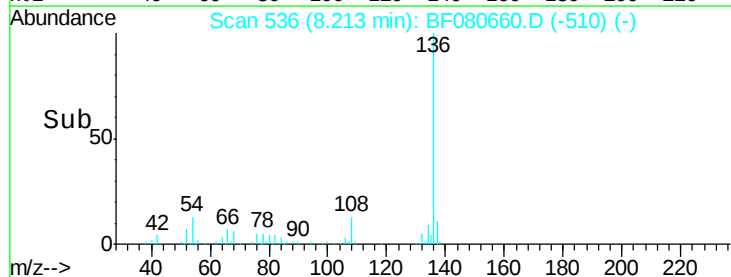
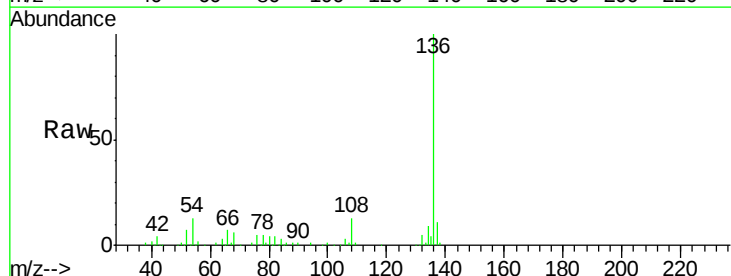
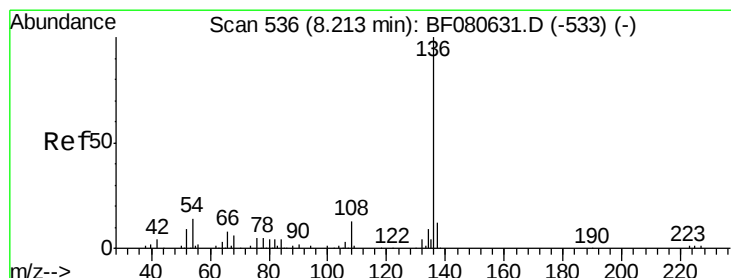
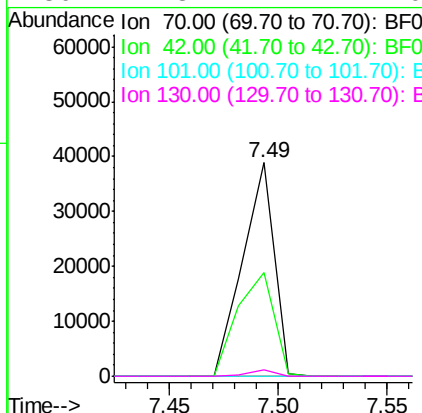




#19
n-Nitroso-di-n-propylamine
Concen: 12.48 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080660.D
Acq: 25 Jul 2015 9:52

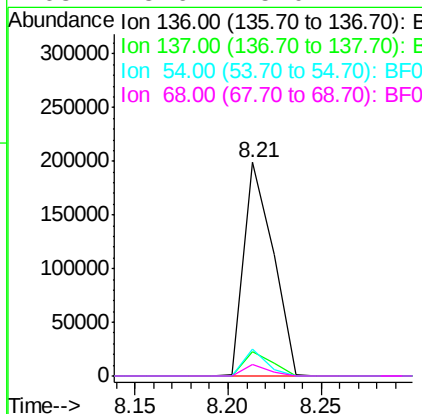
Instrument :
BNA_F
ClientSampleId :
MW-5-7-22-15

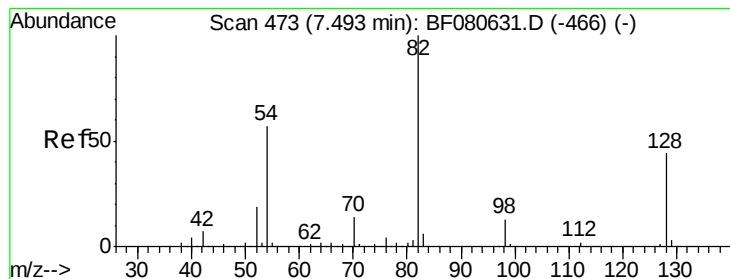
Tgt Ion: 70 Resp: 39147
Ion Ratio Lower Upper
70 100
42 48.8 67.8 101.8#
101 0.0 6.6 9.8#
130 2.8 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080660.D
Acq: 25 Jul 2015 9:52

Tgt Ion: 136 Resp: 215197
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 12.7 11.6 17.4
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.58 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

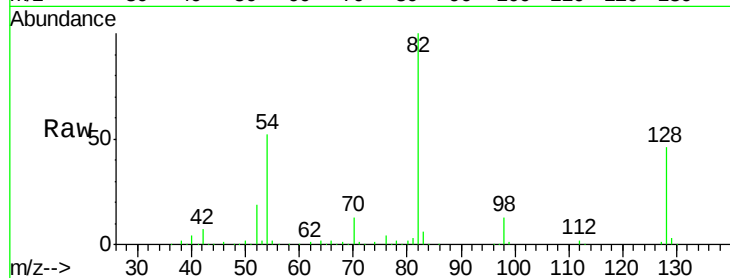
Tgt Ion: 82 Resp: 289583

Ion Ratio Lower Upper

82 100

128 46.2 34.8 52.2

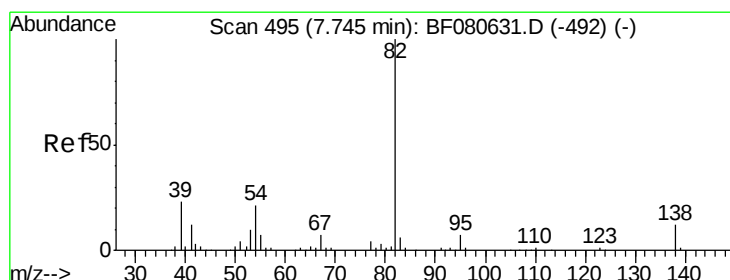
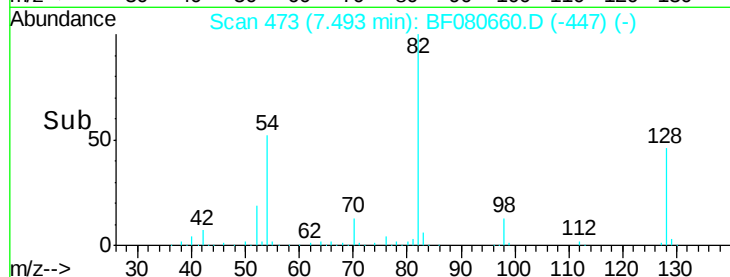
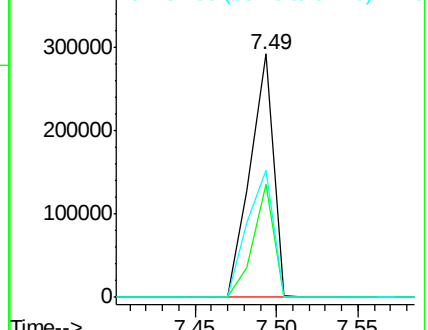
54 52.2 45.4 68.0



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: 38.49 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

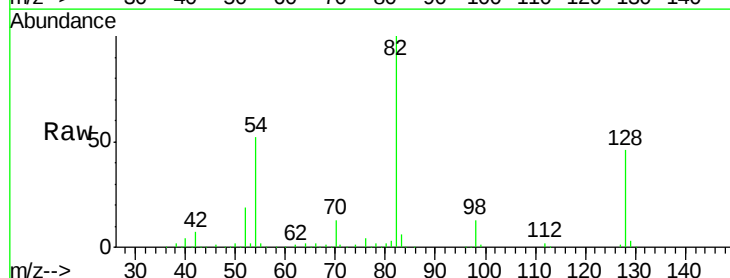
Tgt Ion: 82 Resp: 289234

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

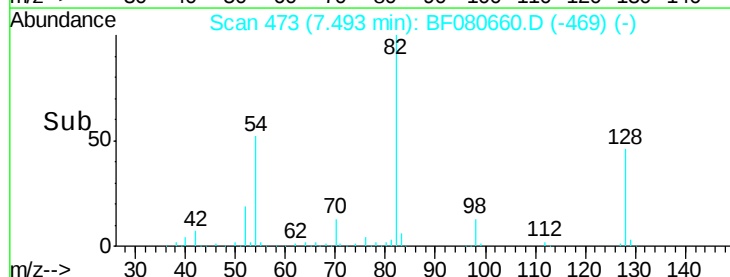
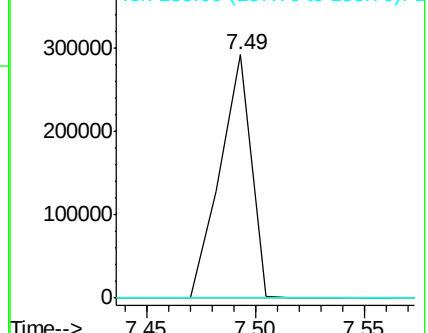
138 0.0 9.7 14.5#

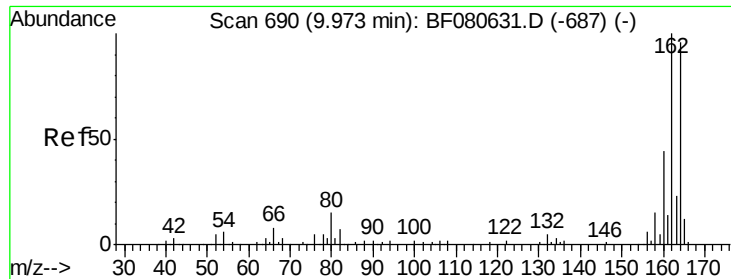


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-5-7-22-15

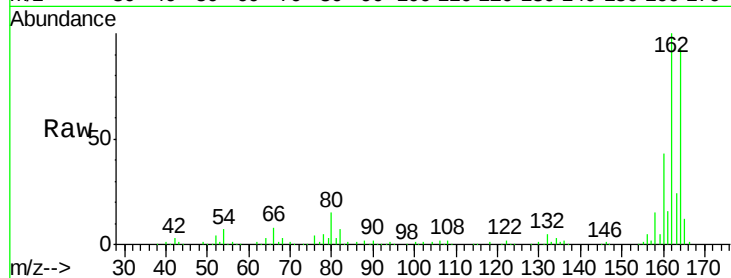
Tgt Ion:164 Resp: 120217

Ion Ratio Lower Upper

164 100

162 107.9 83.3 124.9

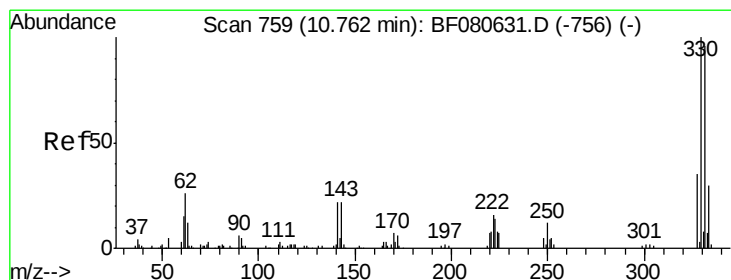
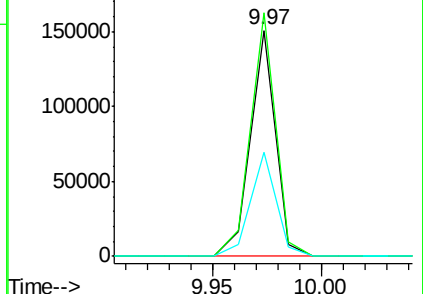
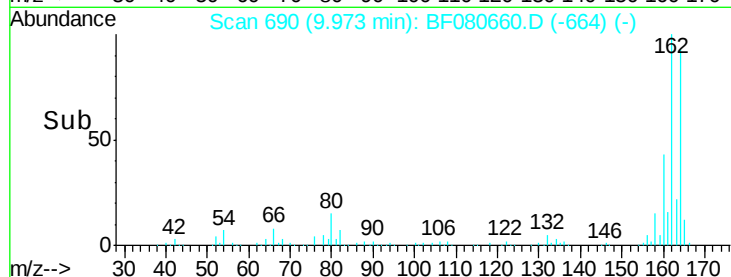
160 46.2 36.9 55.3



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: 112.44 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF080660.D

Acq: 25 Jul 2015 9:52

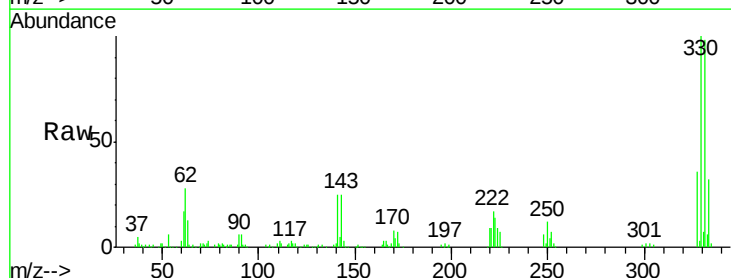
Tgt Ion:330 Resp: 121448

Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

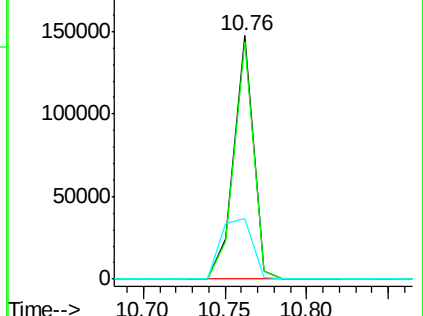
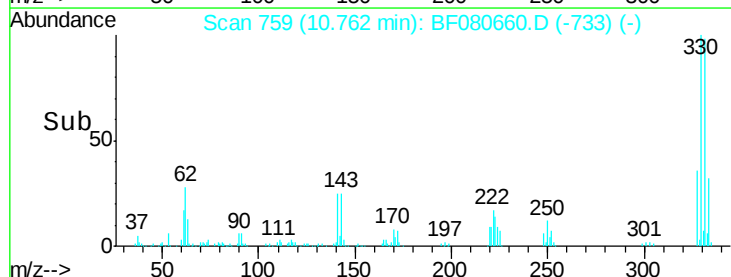
141 40.1 32.7 49.1

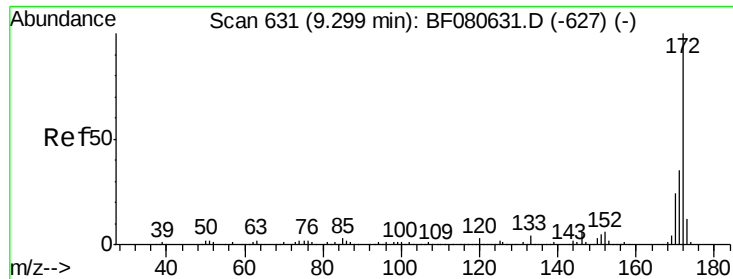


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

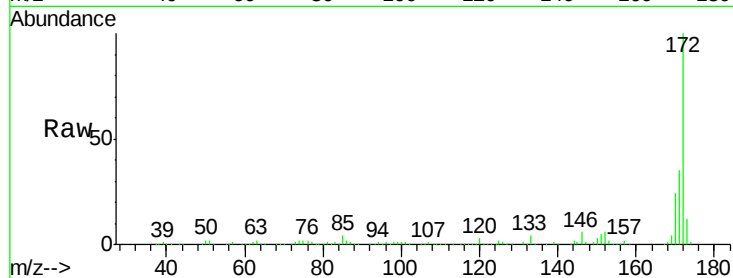




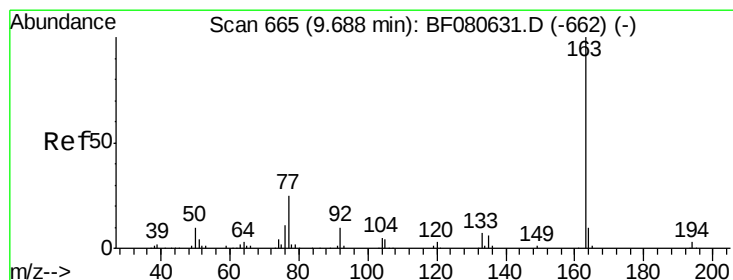
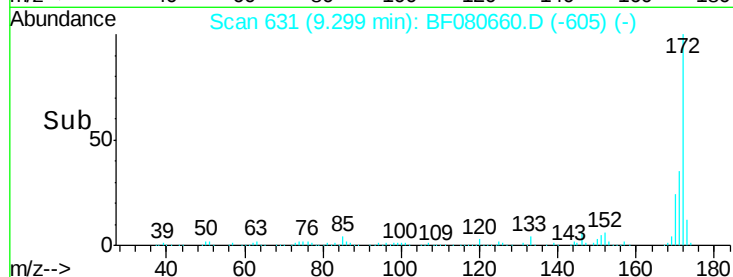
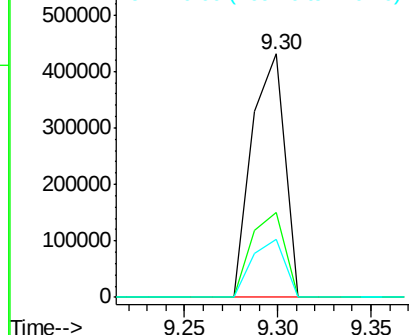
#44
 2-Fluorobiphenyl
 Concen: 67.30 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Tgt Ion:172 Resp: 524348
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.7 41.5
 170 23.8 19.0 28.4

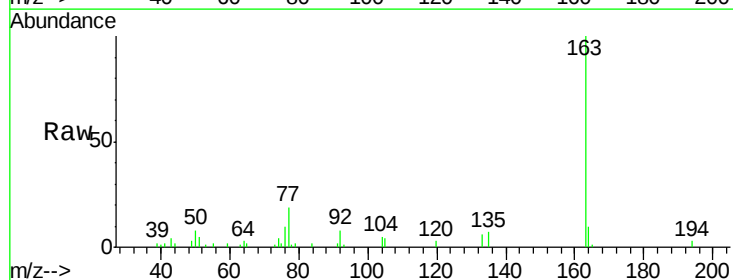


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

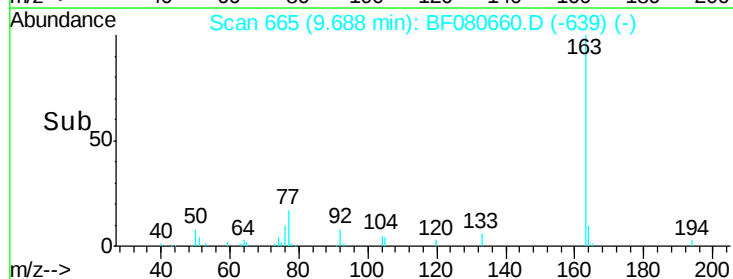
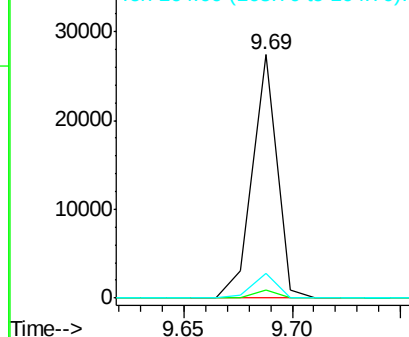


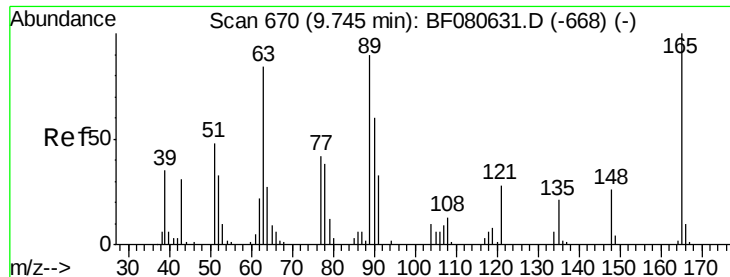
#49
 Dimethylphthalate
 Concen: 2.50 ng
 RT: 9.69 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Tgt Ion:163 Resp: 21528
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.5 3.7
 164 10.3 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

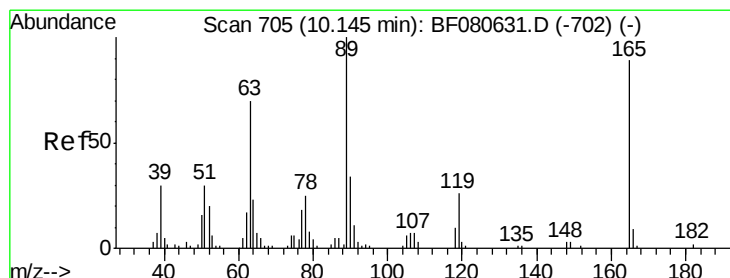
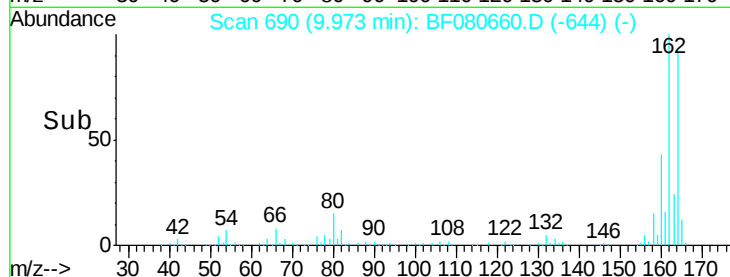
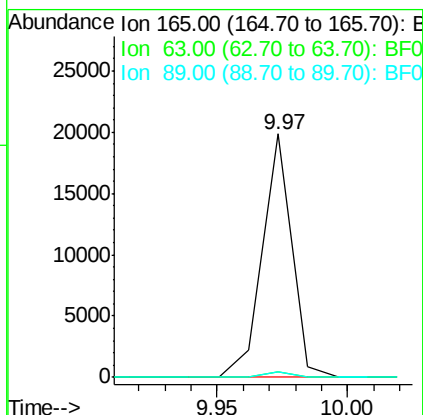
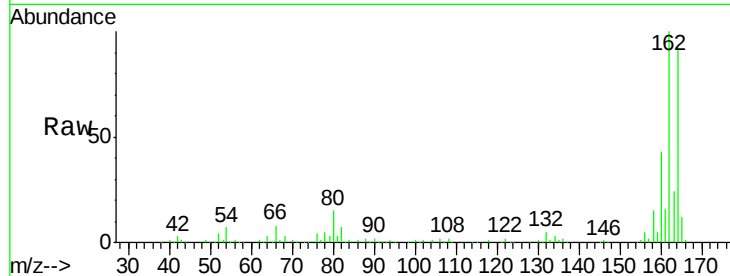




#50
 2,6-Dinitrotoluene
 Concen: 10.25 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

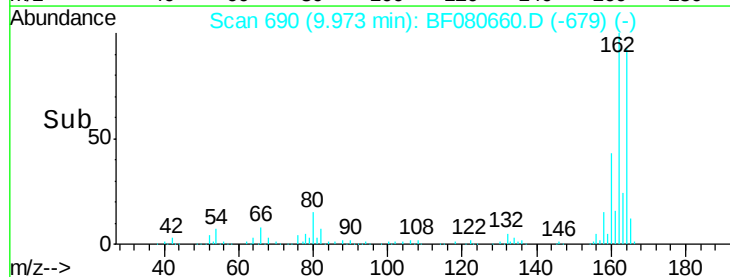
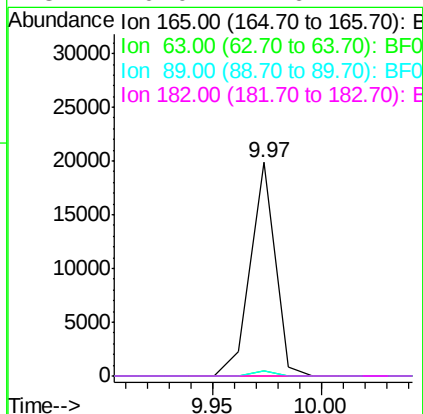
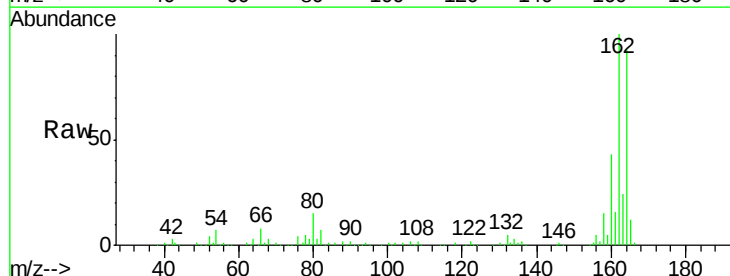
Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

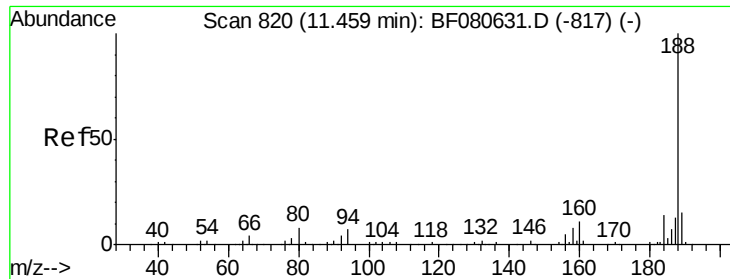
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	84.0	126.0#
89	2.5	71.7	107.5#



#56
 2,4-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	63.0	94.4#
89	2.5	90.2	135.2#
182	0.0	1.6	2.4#

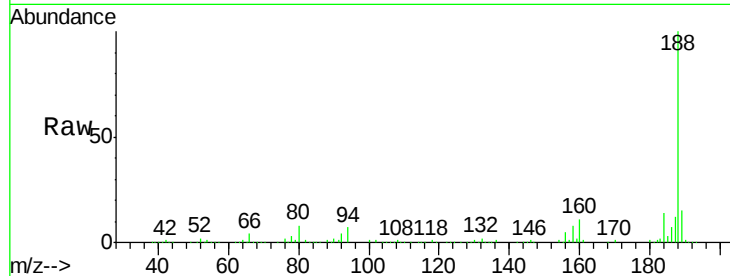




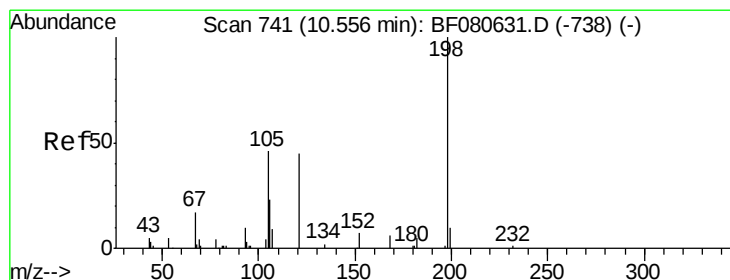
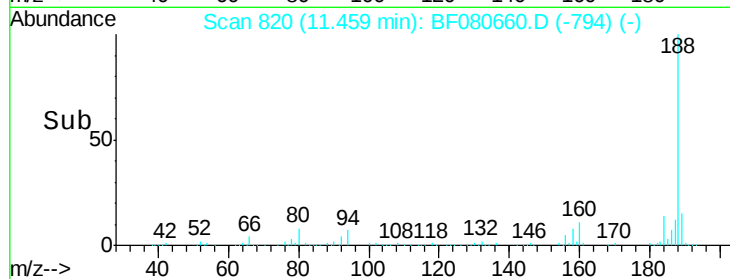
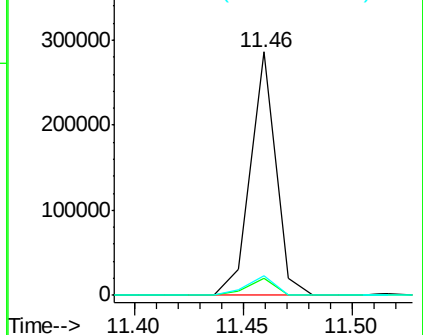
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.6	8.4
80	8.0	6.1	9.1

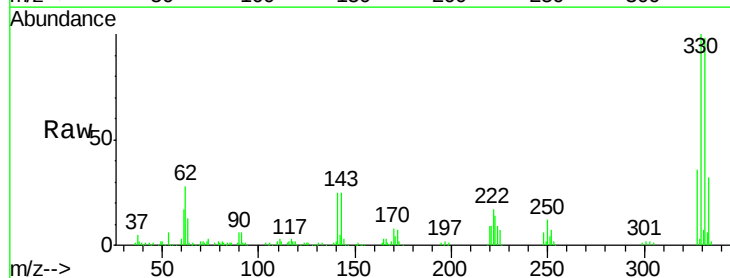


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

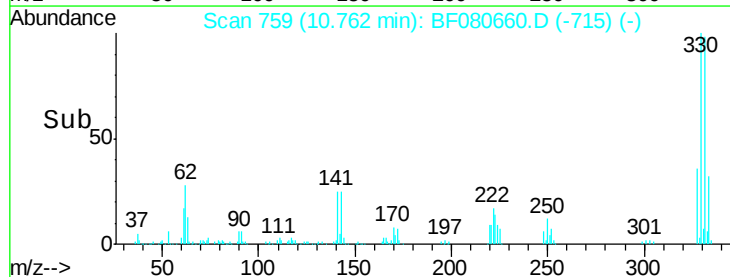
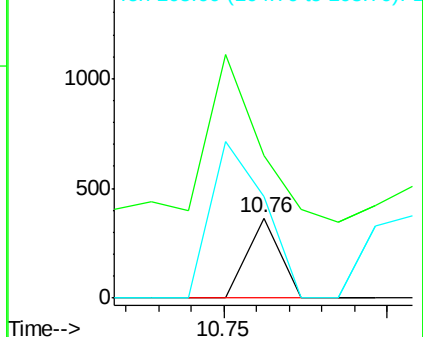


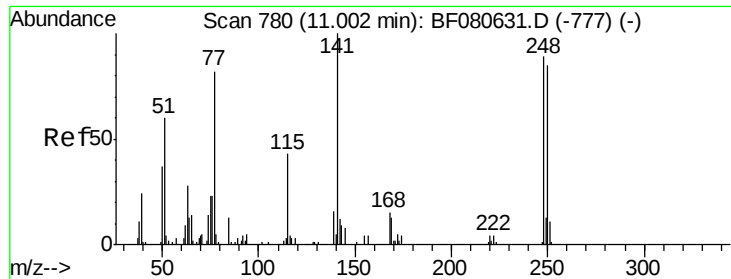
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.53 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.21 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	178.6	31.1	71.1#
105	126.9	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

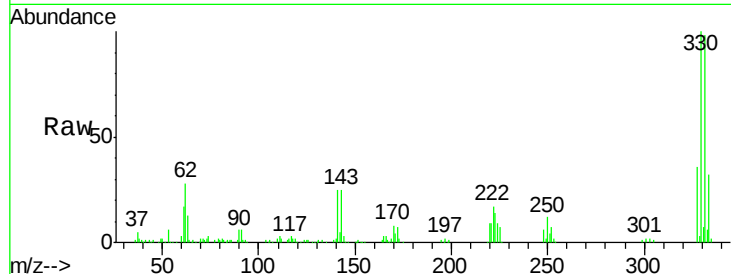




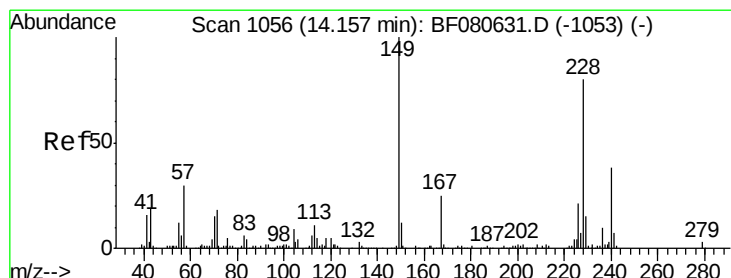
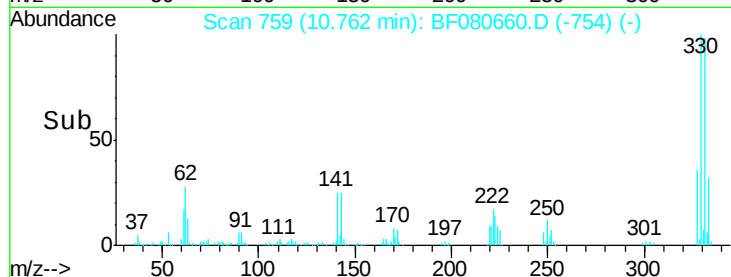
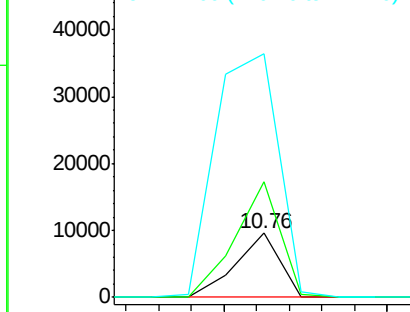
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080660.D
Acq: 25 Jul 2015 9:52

Instrument :
BNA_F
ClientSampleId :
MW-5-7-22-15

Tgt Ion:248 Resp: 8808
Ion Ratio Lower Upper
248 100
250 180.7 76.6 114.8#
141 380.8 90.0 135.0#

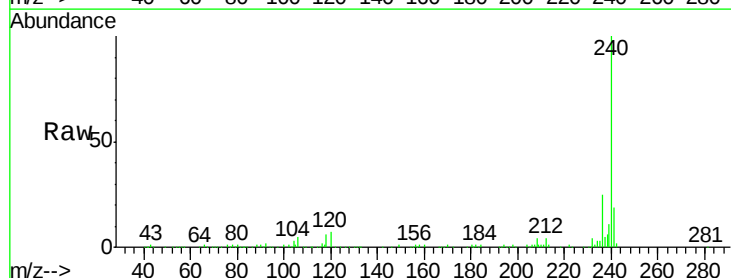


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

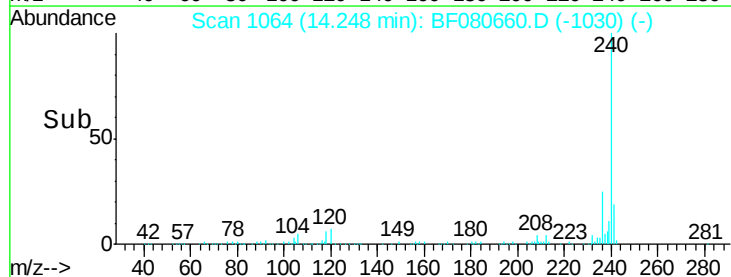
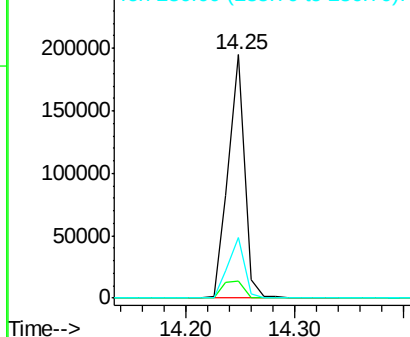


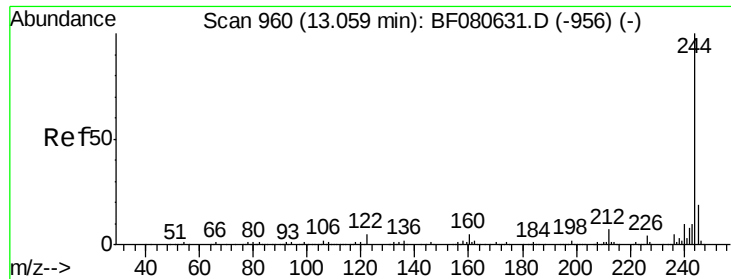
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080660.D
Acq: 25 Jul 2015 9:52

Tgt Ion:240 Resp: 204418
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 24.7 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

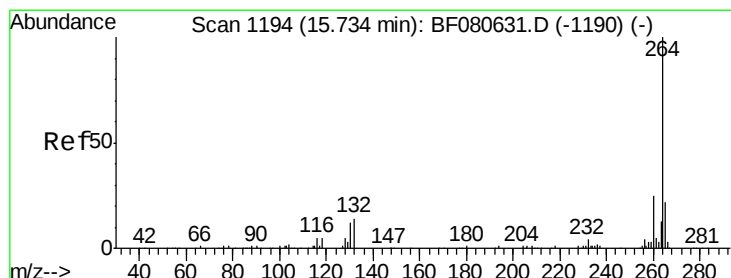
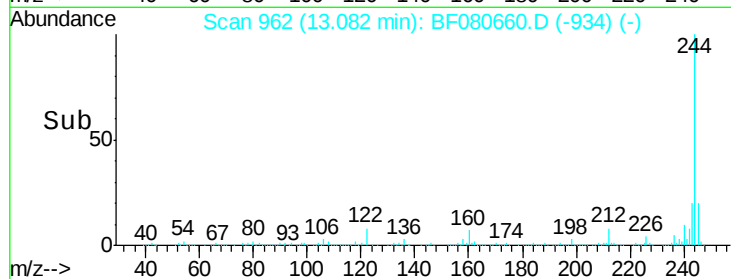
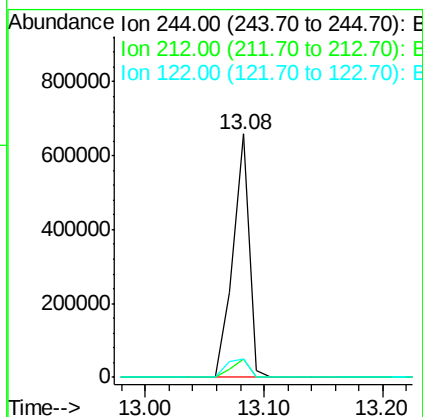
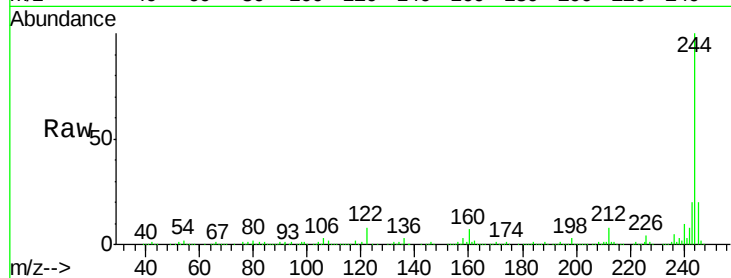




#78
 Terphenyl-d14
 Concen: 66.02 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-7-22-15

Tgt Ion:244 Resp: 626792
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.2 7.8
 122 7.6 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.92 min Scan# 1210
 Delta R.T. 0.18 min
 Lab File: BF080660.D
 Acq: 25 Jul 2015 9:52

Tgt Ion:264 Resp: 163916
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 21.3 17.4 26.0

