

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081904.D
 Acq On : 30 Sep 2015 8:33
 Operator : UM/IZ
 Sample : G3754-03DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Quant Time: Sep 30 10:45:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

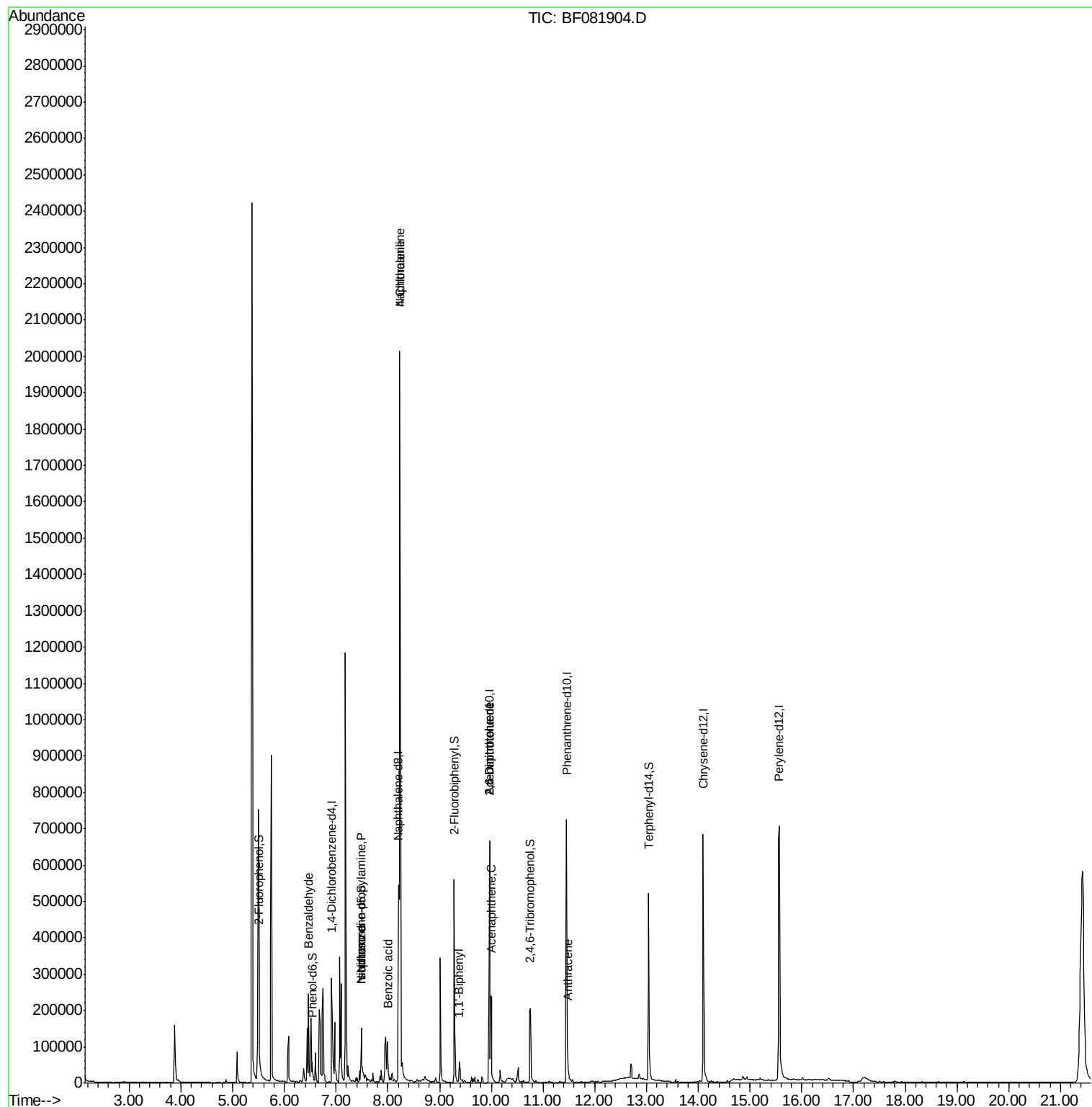
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	69324	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	289571	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	156326	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	320003	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	321254	20.00	ng	-0.02
86) Perylene-d12	15.57	264	498394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	77633	20.33	ng	-0.01
7) Phenol-d6	6.54	99	34624	7.21	ng	-0.02
23) Nitrobenzene-d5	7.49	82	85358	19.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	46650	29.47	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	206700	18.56	ng	-0.02
78) Terphenyl-d14	13.04	244	237671	18.44	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	9985	3.17	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	9955	3.41	ng	# 55
25) Isophorone	7.49	82	67063	7.79	ng	# 58
31) Naphthalene	8.23	128	1251895	97.57	ng	# 96
32) Benzoic acid	8.00	122	3234	8.49	ng	# 1
33) 4-Chloroaniline	8.23	127	171209	30.86	ng	# 35
45) 1,1'-Biphenyl	9.38	154	30511	2.53	ng	# 93
50) 2,6-Dinitrotoluene	9.97	165	19677	8.40	ng	# 40
51) Acenaphthene	10.00	154	84400	9.38	ng	# 89
56) 2,4-Dinitrotoluene	9.97	165	19679	6.59	ng	# 34
71) Anthracene	11.48	178	35099	2.16	ng	# 98
73) Di-n-butylphthalate	12.01	149	357	Below Cal		# 78

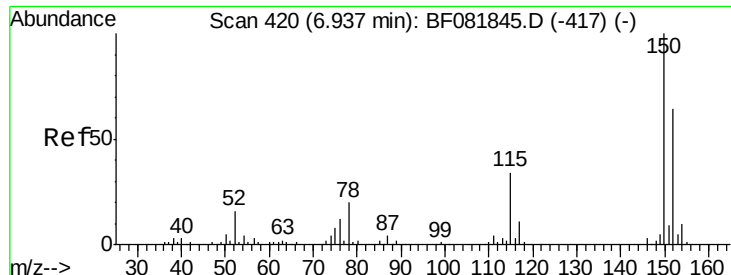
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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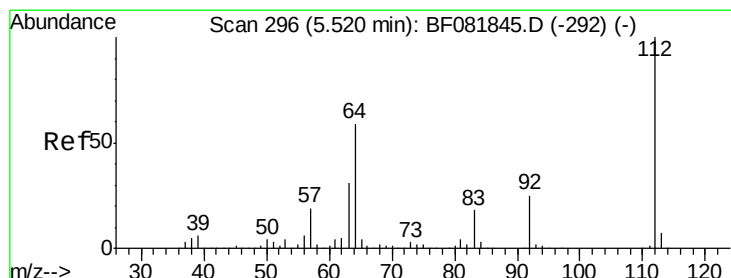
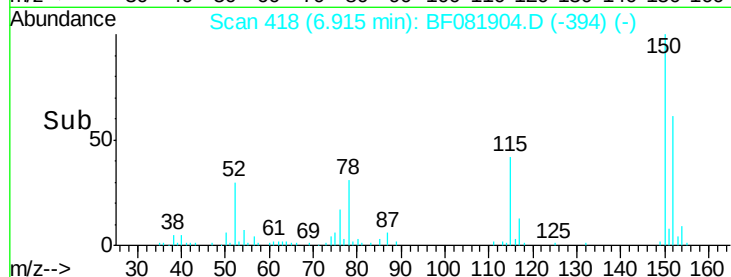
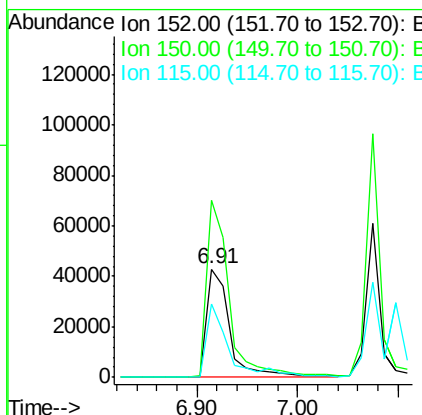
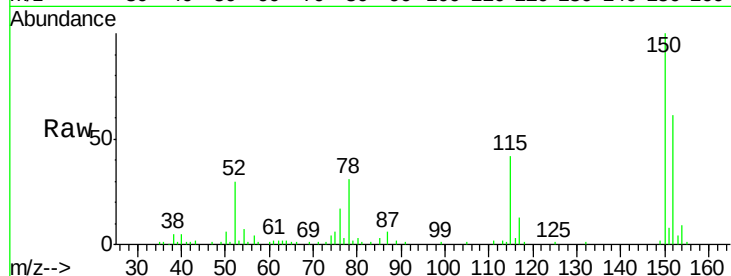




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

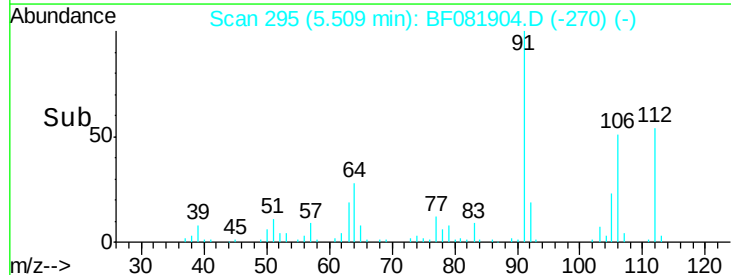
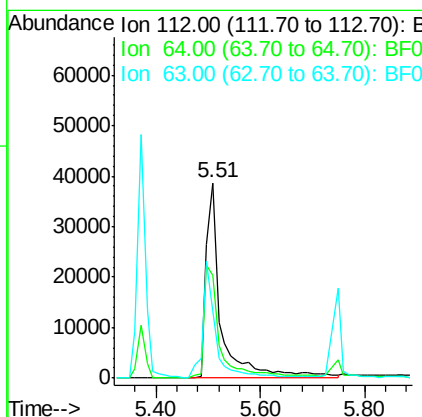
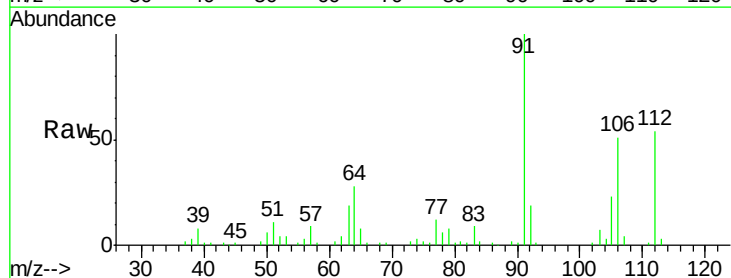
Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

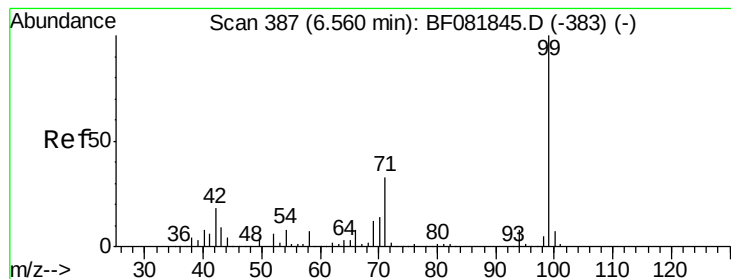
Tgt Ion:152 Resp: 69324
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.7 187.1
 115 68.1 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 20.33 ng
 RT: 5.51 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Tgt Ion:112 Resp: 77633
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.7 59.5
 63 34.4 17.4 26.0#





#7

Phenol-d6

Concen: 7.21 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

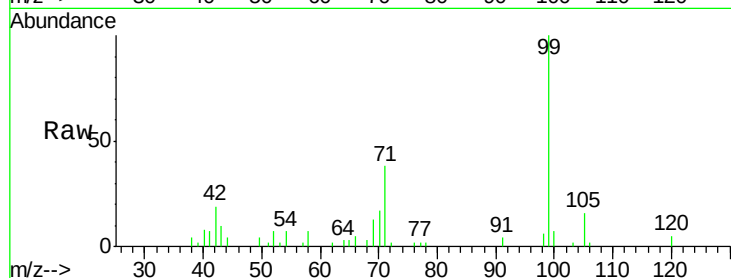
Tgt Ion: 99 Resp: 34624

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

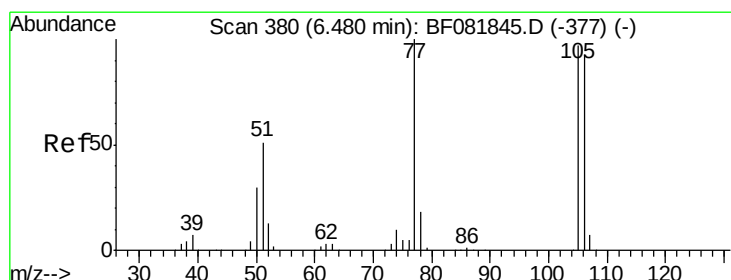
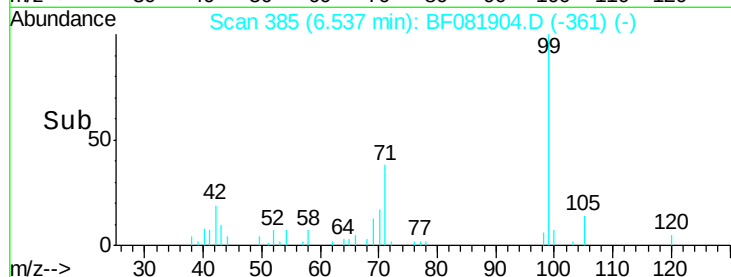
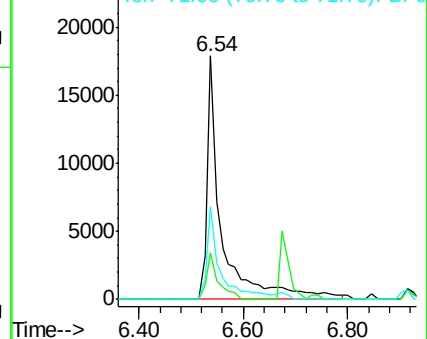
71 37.9 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.17 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

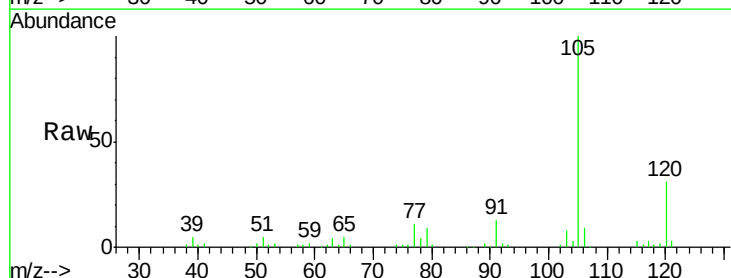
Tgt Ion: 77 Resp: 9985

Ion Ratio Lower Upper

77 100

105 870.7 91.6 131.6#

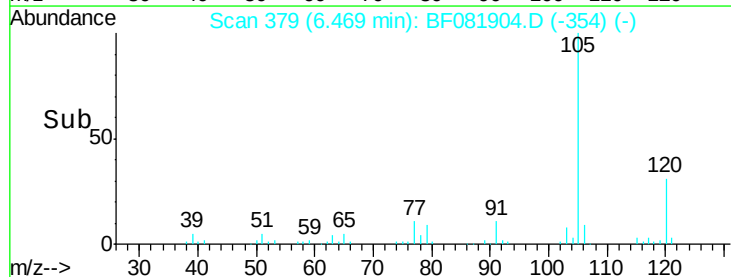
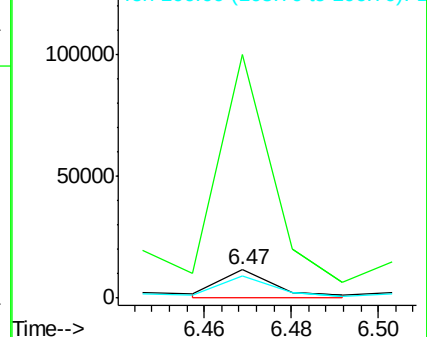
106 79.4 102.6 142.6#

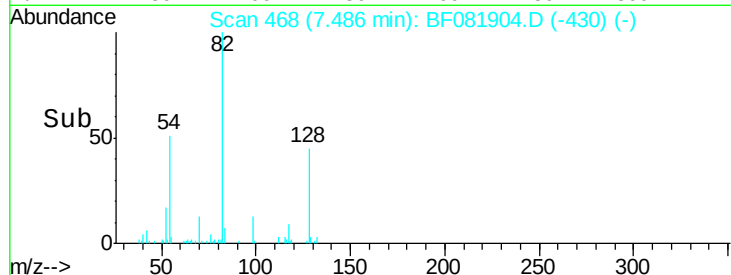
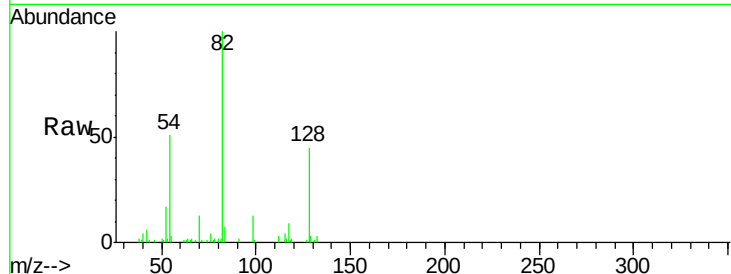
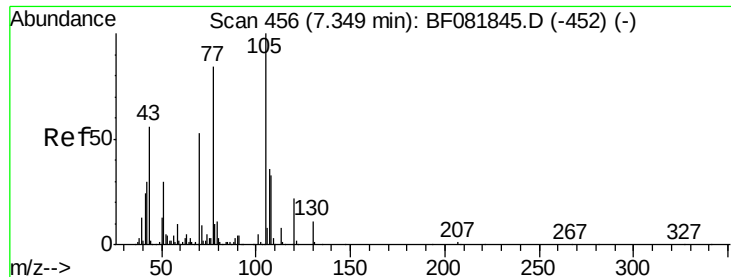


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

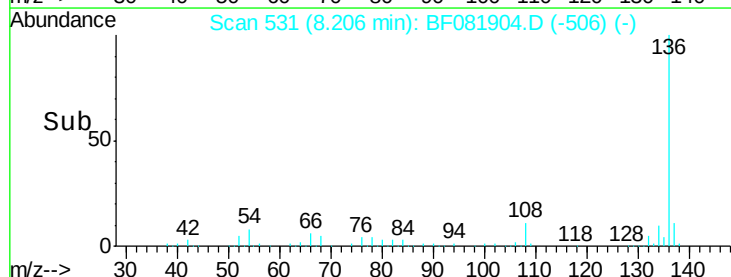
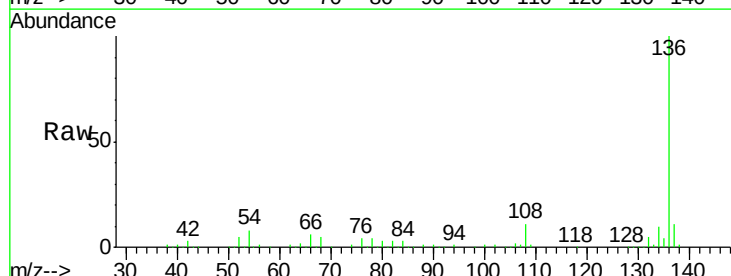
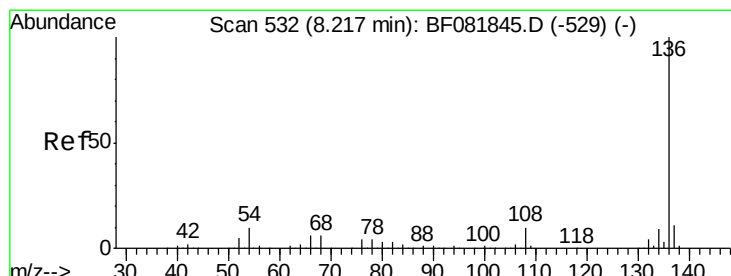
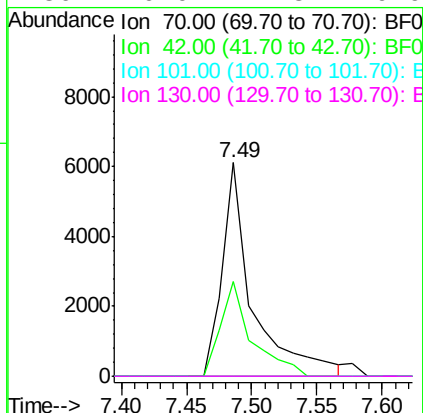




#19
n-Nitroso-di-n-propylamine
Concen: 3.41 ng
RT: 7.49 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

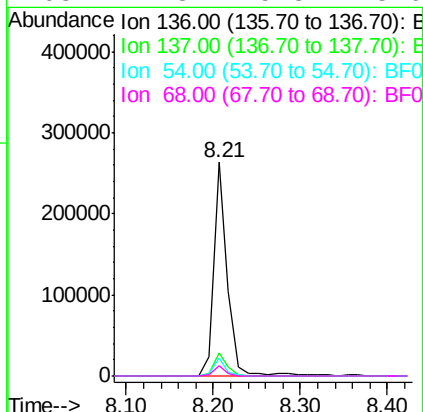
Instrument :
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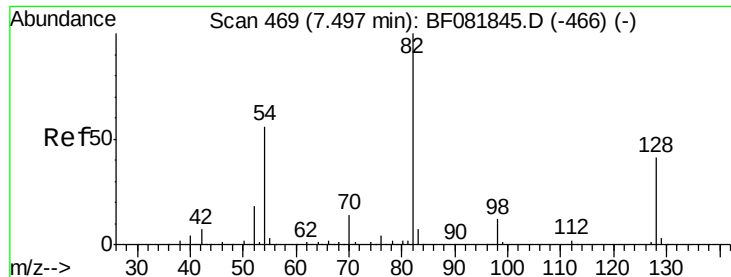
Tgt Ion:	70	Resp:	9955
Ion	Ratio	Lower	Upper
70	100		
42	44.1	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

Tgt Ion:	136	Resp:	289571
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.5	8.2	12.2
68	4.8	5.8	8.6#

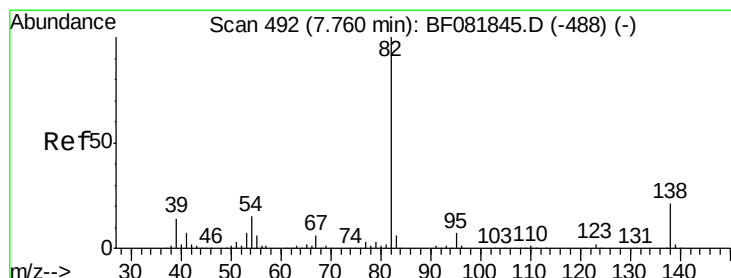
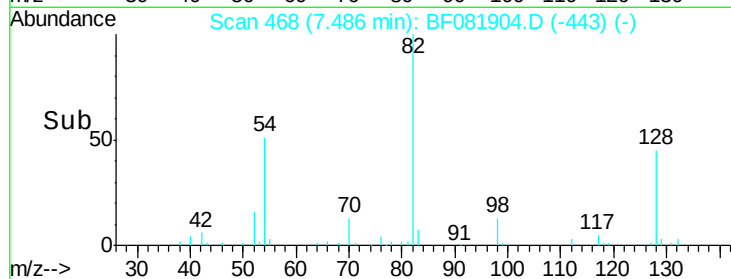
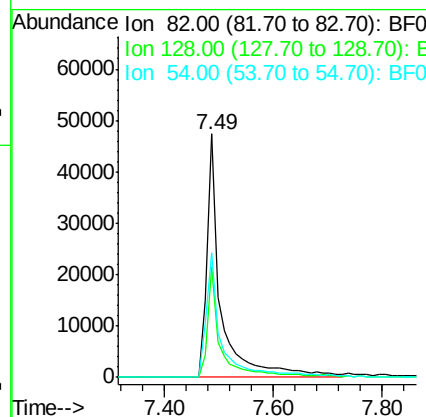
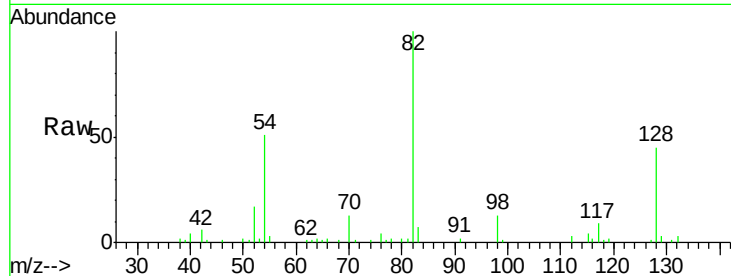




#23
 Nitrobenzene-d5
 Concen: 19.65 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

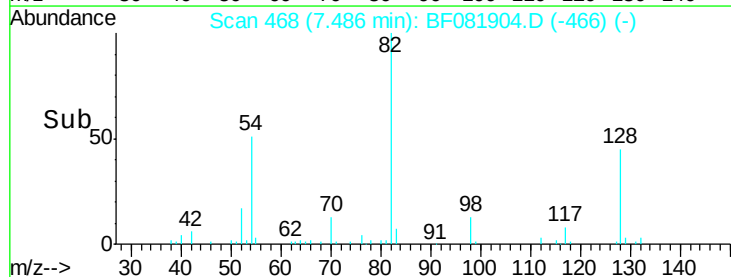
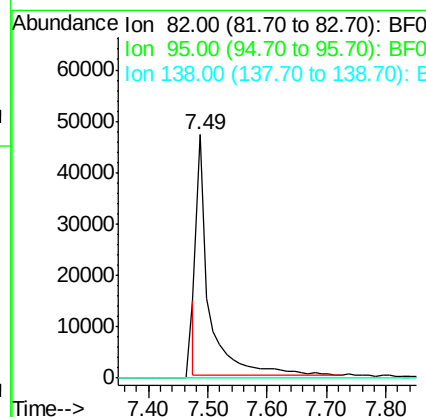
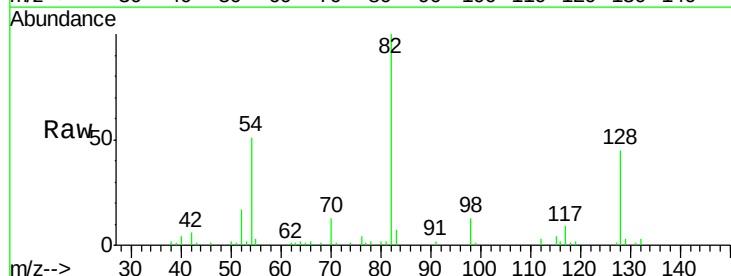
Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

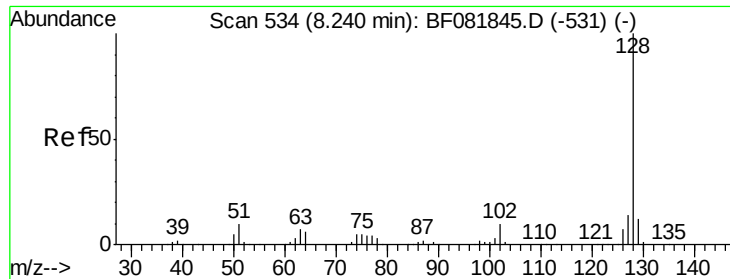
Tgt Ion: 82 Resp: 85358
 Ion Ratio Lower Upper
 82 100
 128 45.4 51.0 76.6#
 54 51.2 47.5 71.3



#25
 Isophorone
 Concen: 7.79 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.27 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Tgt Ion: 82 Resp: 67063
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

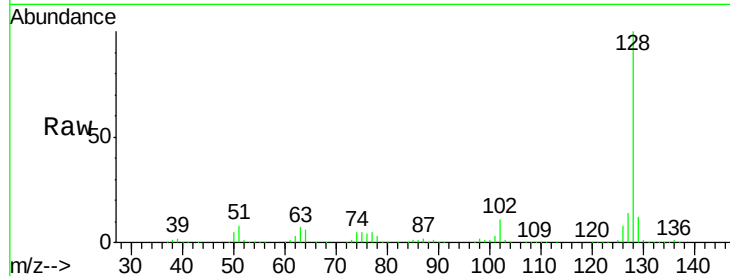




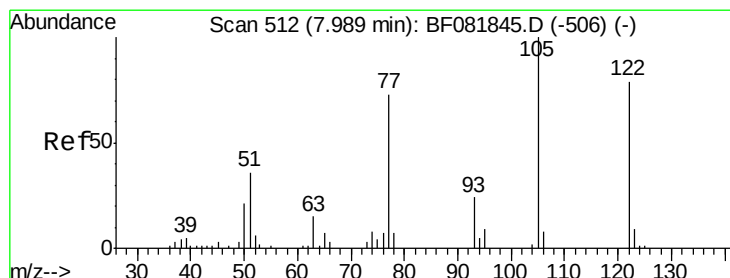
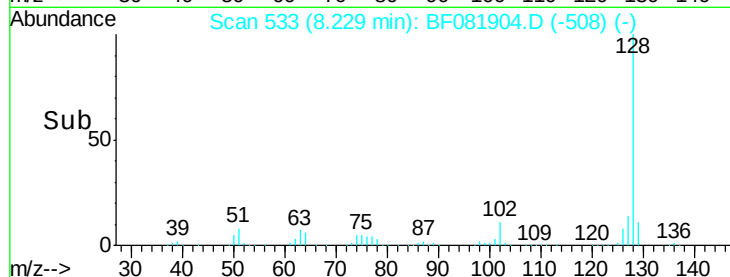
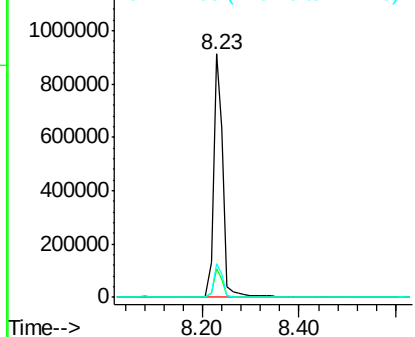
#31
Naphthalene
Concen: 97.57 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:128 Resp: 1251895
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 14.0 9.9 14.9

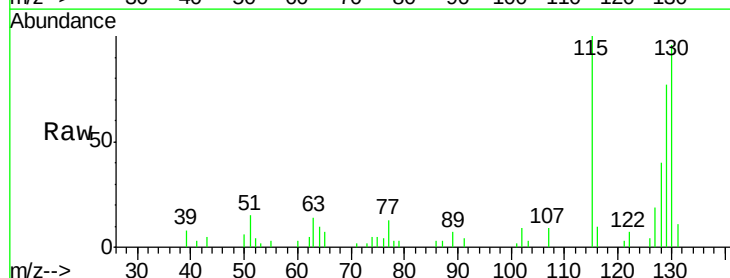


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

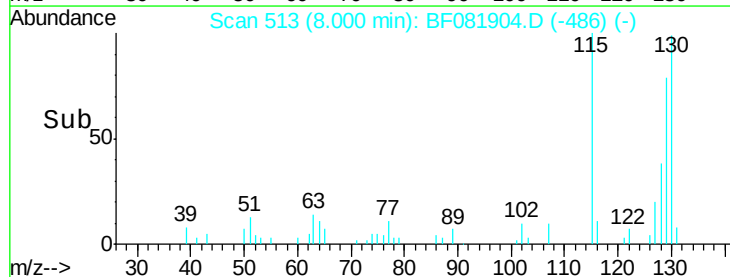
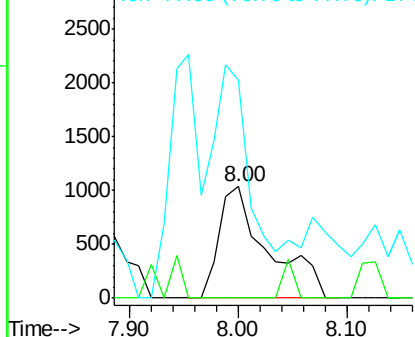


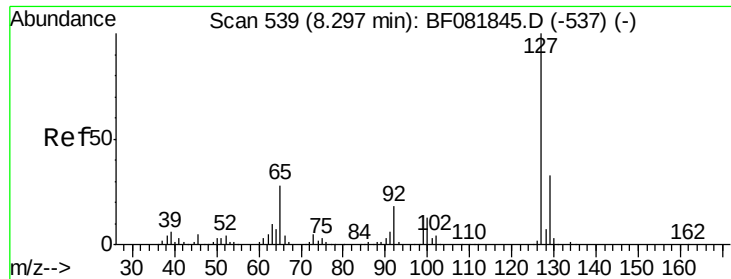
#32
Benzoic acid
Concen: 8.49 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

Tgt Ion:122 Resp: 3234
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 195.6 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

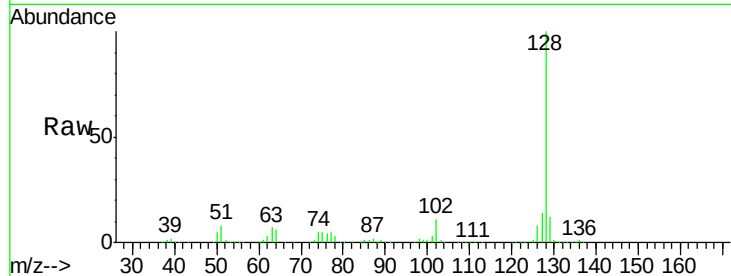




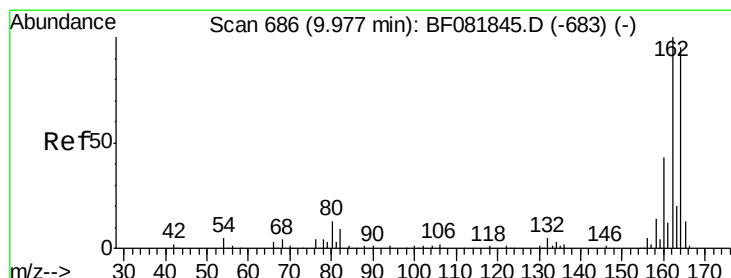
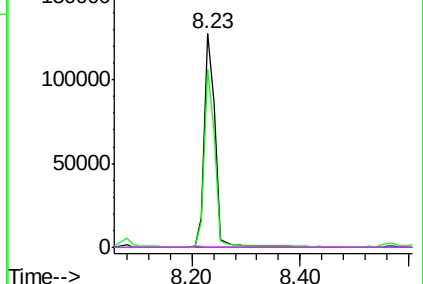
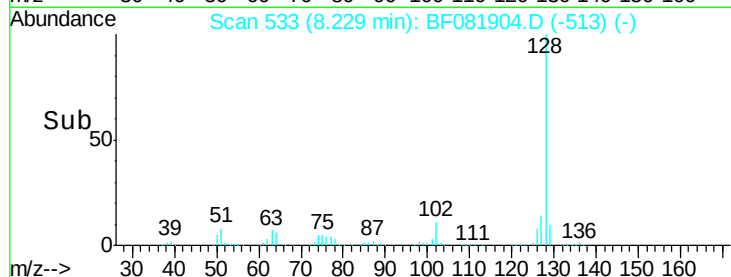
#33
4-Chloroaniline
Concen: 30.86 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:	127	Resp:	171209
Ion	Ratio	Lower	Upper
127	100		
129	83.0	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#

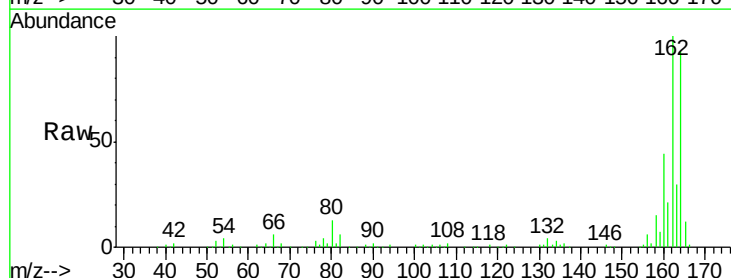


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

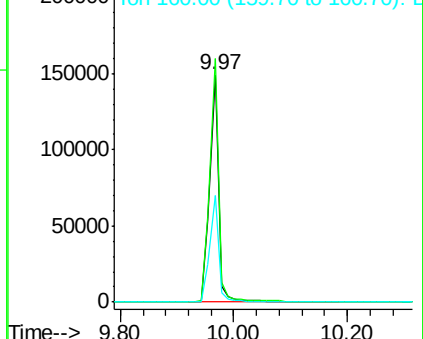
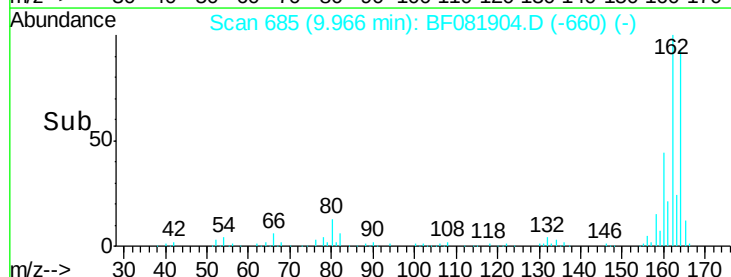


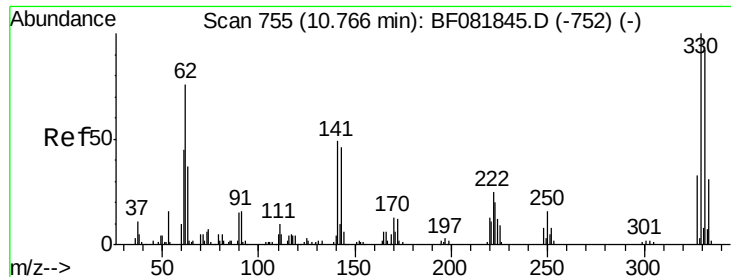
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

Tgt Ion:	164	Resp:	156326
Ion	Ratio	Lower	Upper
164	100		
162	107.3	75.2	112.8
160	46.8	31.5	47.3



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

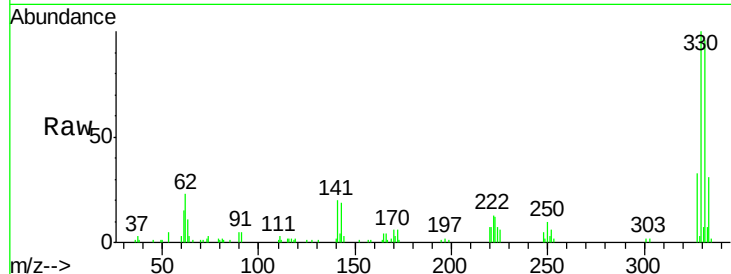




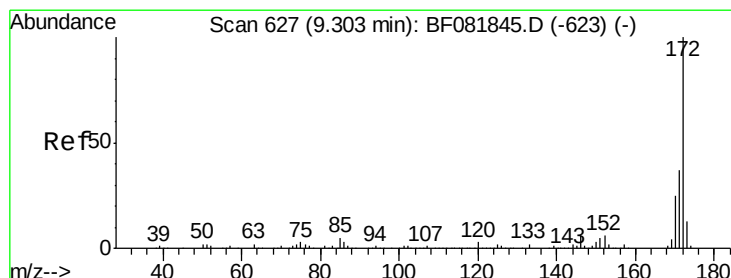
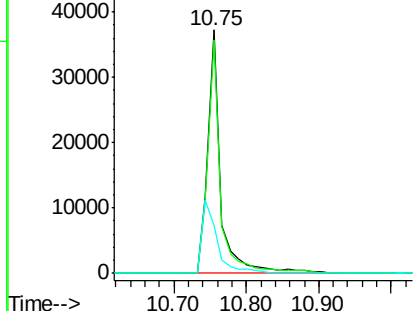
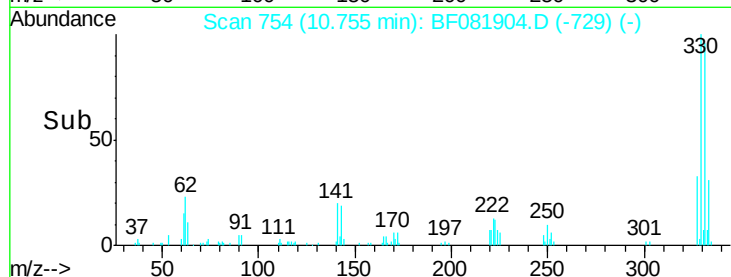
#41
 2,4,6-Tribromophenol
 Concen: 29.47 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tgt Ion: 330 Resp: 46650
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 34.8 29.7 44.5

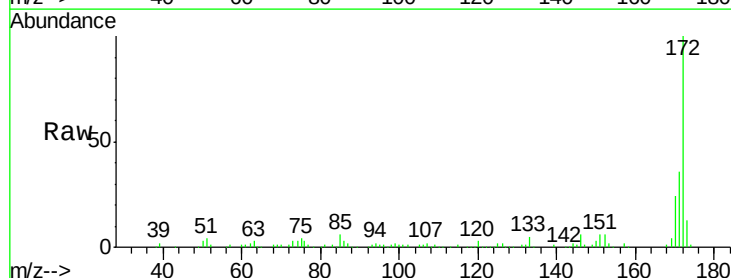


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

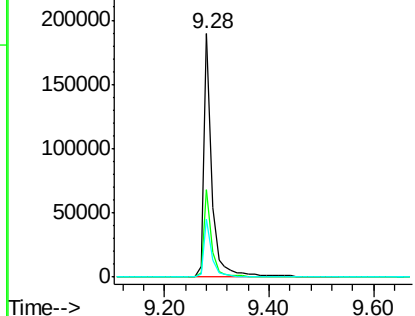
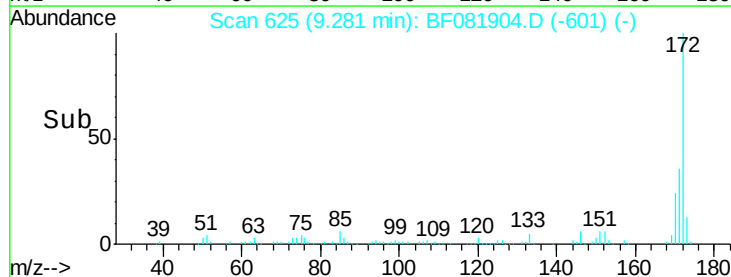


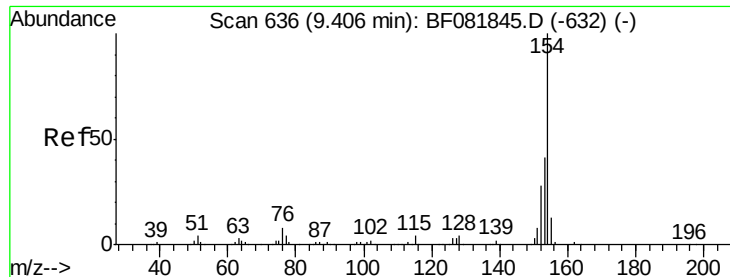
#44
 2-Fluorobiphenyl
 Concen: 18.56 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Tgt Ion: 172 Resp: 206700
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.7 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 2.53 ng

RT: 9.38 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

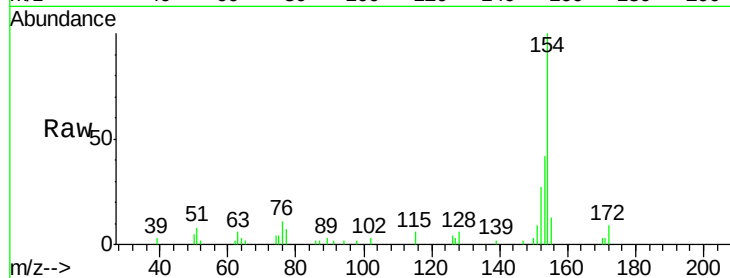
Tgt Ion:154 Resp: 30511

Ion Ratio Lower Upper

154 100

153 42.0 17.1 57.1

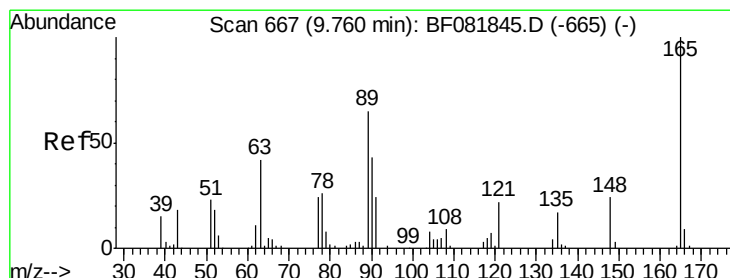
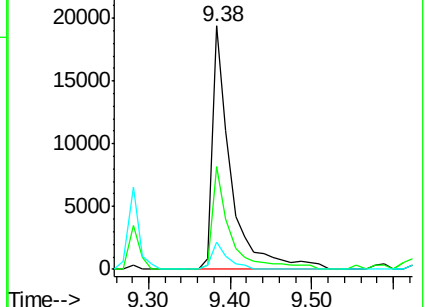
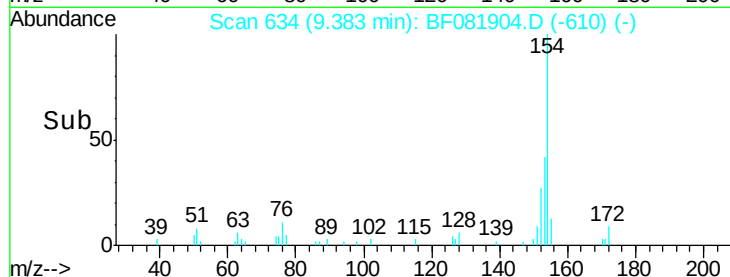
76 11.3 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#50

2,6-Dinitrotoluene

Concen: 8.40 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.21 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

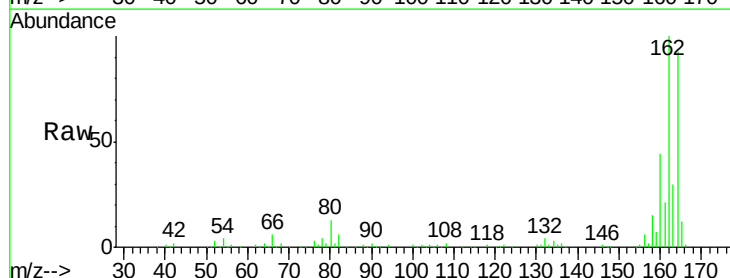
Tgt Ion:165 Resp: 19677

Ion Ratio Lower Upper

165 100

63 1.9 32.3 48.5#

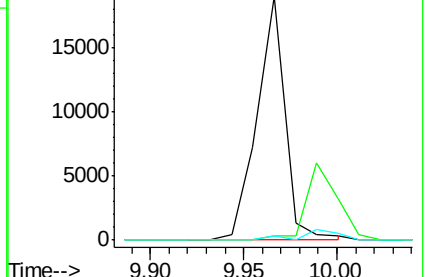
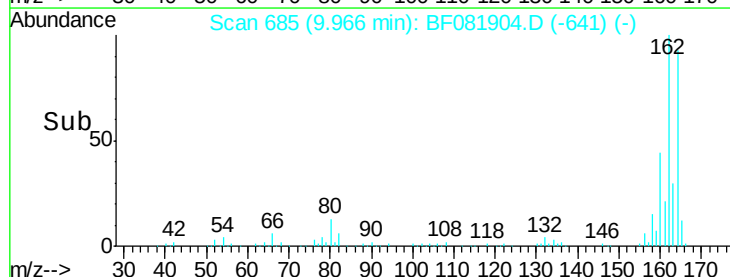
89 1.9 28.6 43.0#

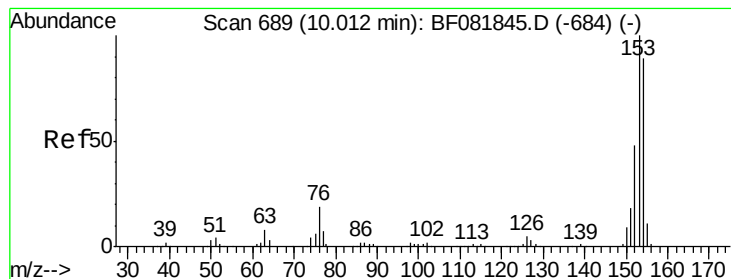


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 9.38 ng

RT: 10.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

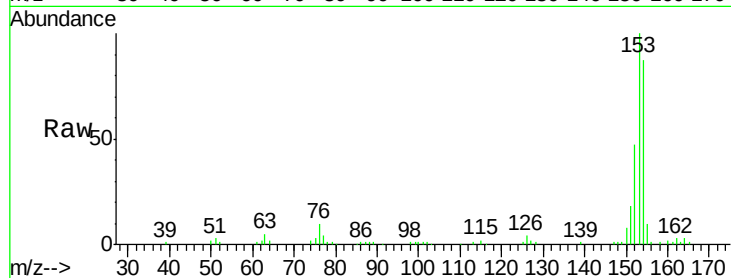
Tgt Ion:154 Resp: 84400

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

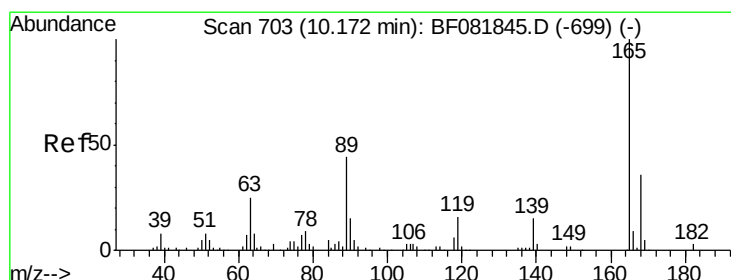
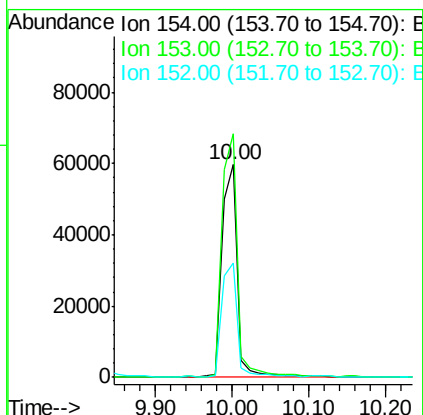
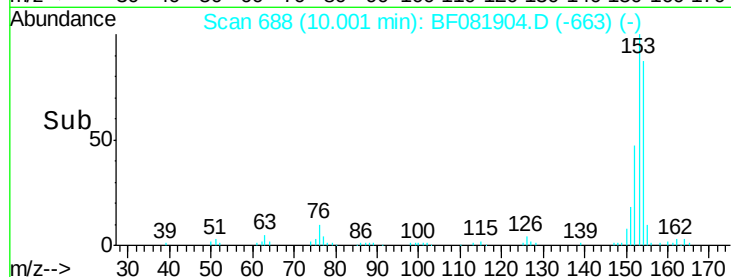
152 53.5 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.59 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

Tgt Ion:165 Resp: 19679

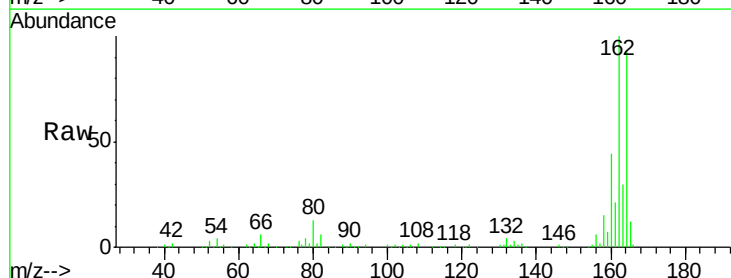
Ion Ratio Lower Upper

165 100

63 1.9 29.8 44.6#

89 1.9 44.5 66.7#

182 0.0 3.0 4.4#

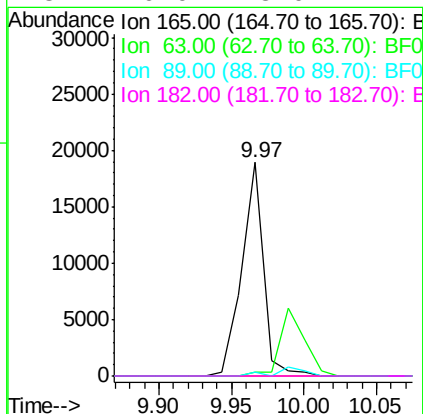
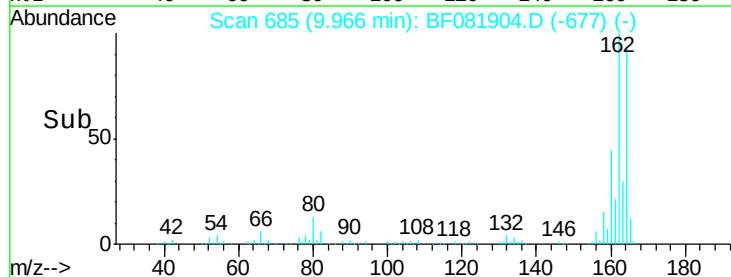


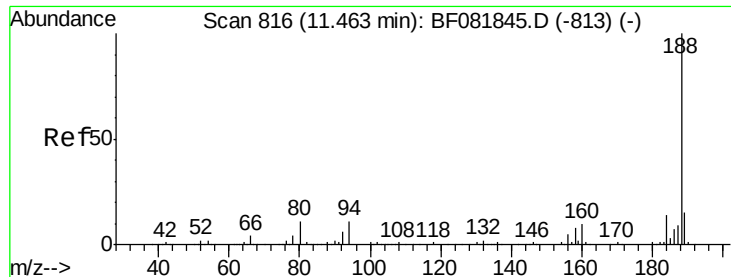
Abundance Ion 165.00 (164.70 to 165.70): E

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

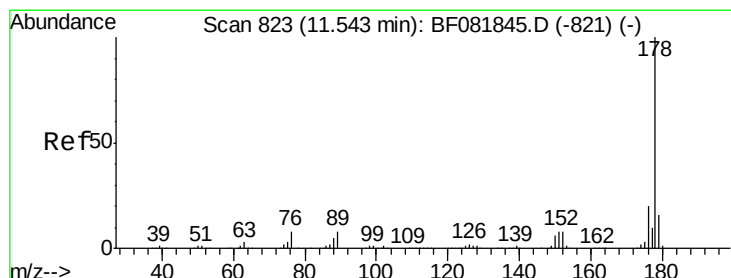
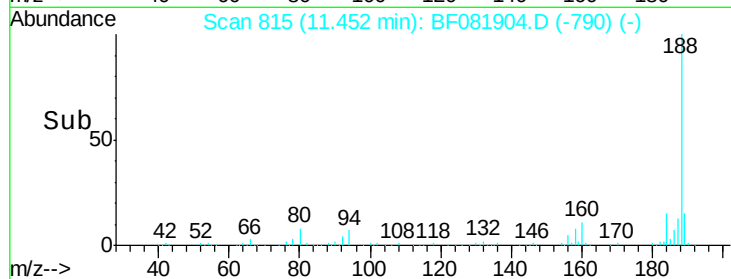
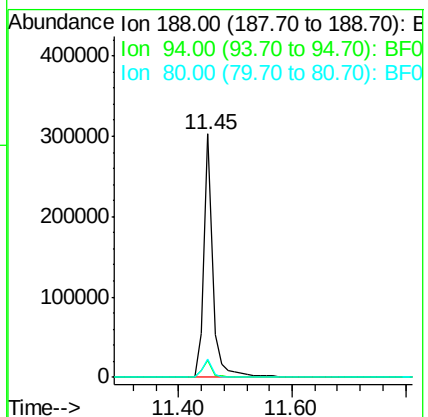
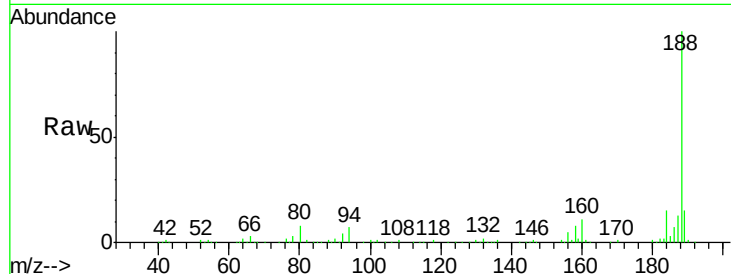




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

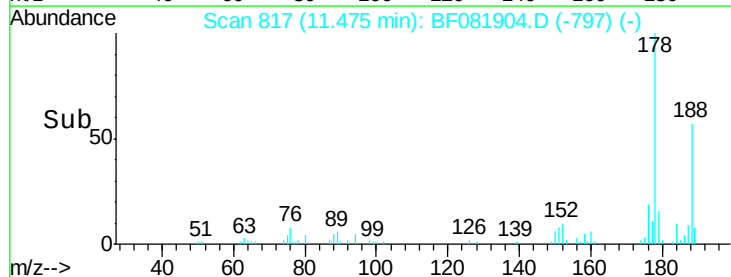
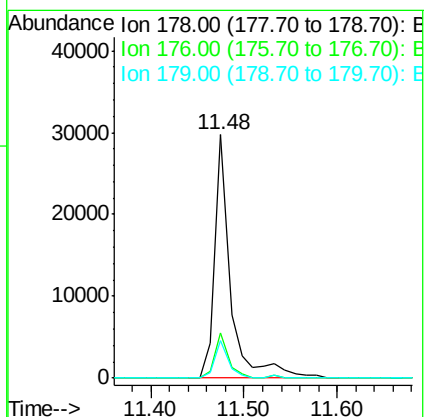
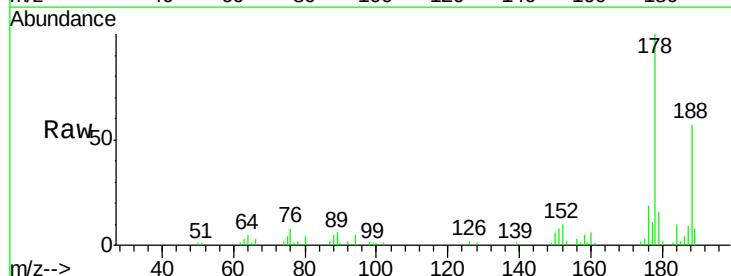
Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

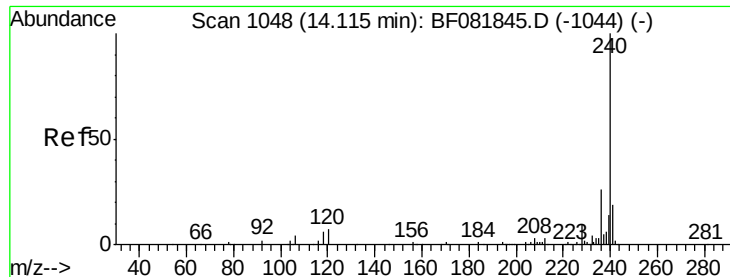
Tgt Ion:188 Resp: 320003
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.6 11.0 16.4#



#71
 Anthracene
 Concen: 2.16 ng
 RT: 11.48 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Tgt Ion:178 Resp: 35099
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.5 12.2 18.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

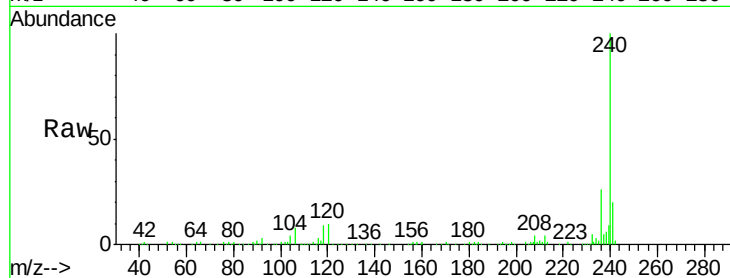
Tgt Ion:240 Resp: 321254

Ion Ratio Lower Upper

240 100

120 9.9 16.2 24.2#

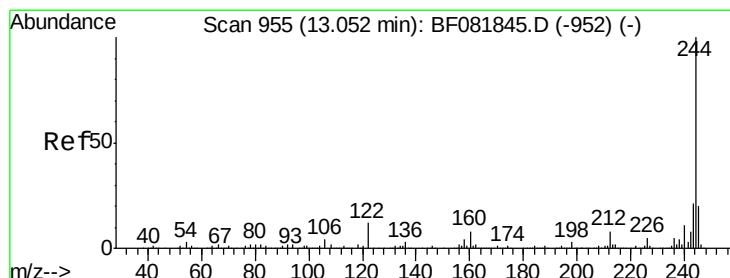
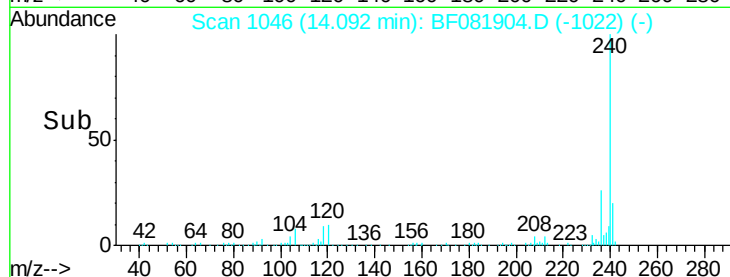
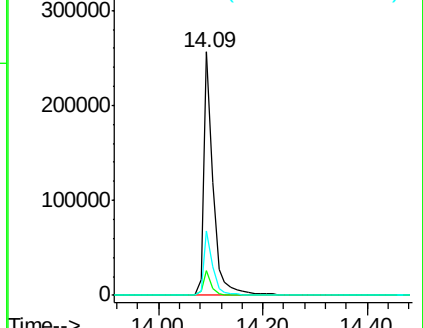
236 26.5 18.4 27.6



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: 18.44 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081904.D

Acq: 30 Sep 2015 8:33

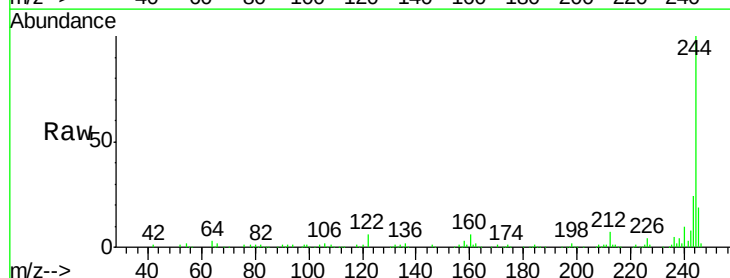
Tgt Ion:244 Resp: 237671

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

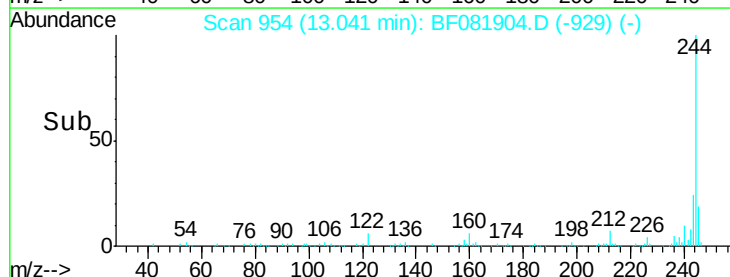
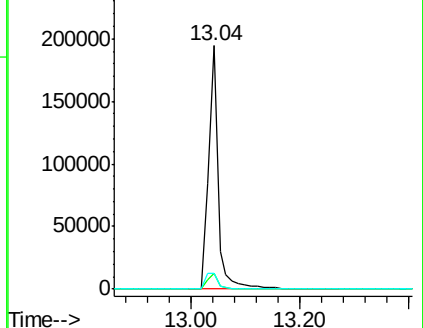
122 6.4 17.4 26.2#

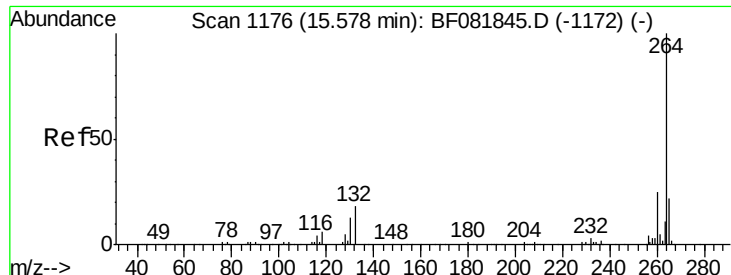


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

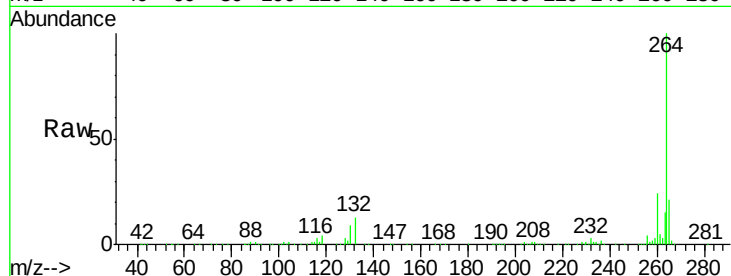




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081904.D
Acq: 30 Sep 2015 8:33

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion: 264 Resp: 498394
Ion Ratio Lower Upper
264 100
260 24.3 16.7 25.1
265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

