

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 14:00:47 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

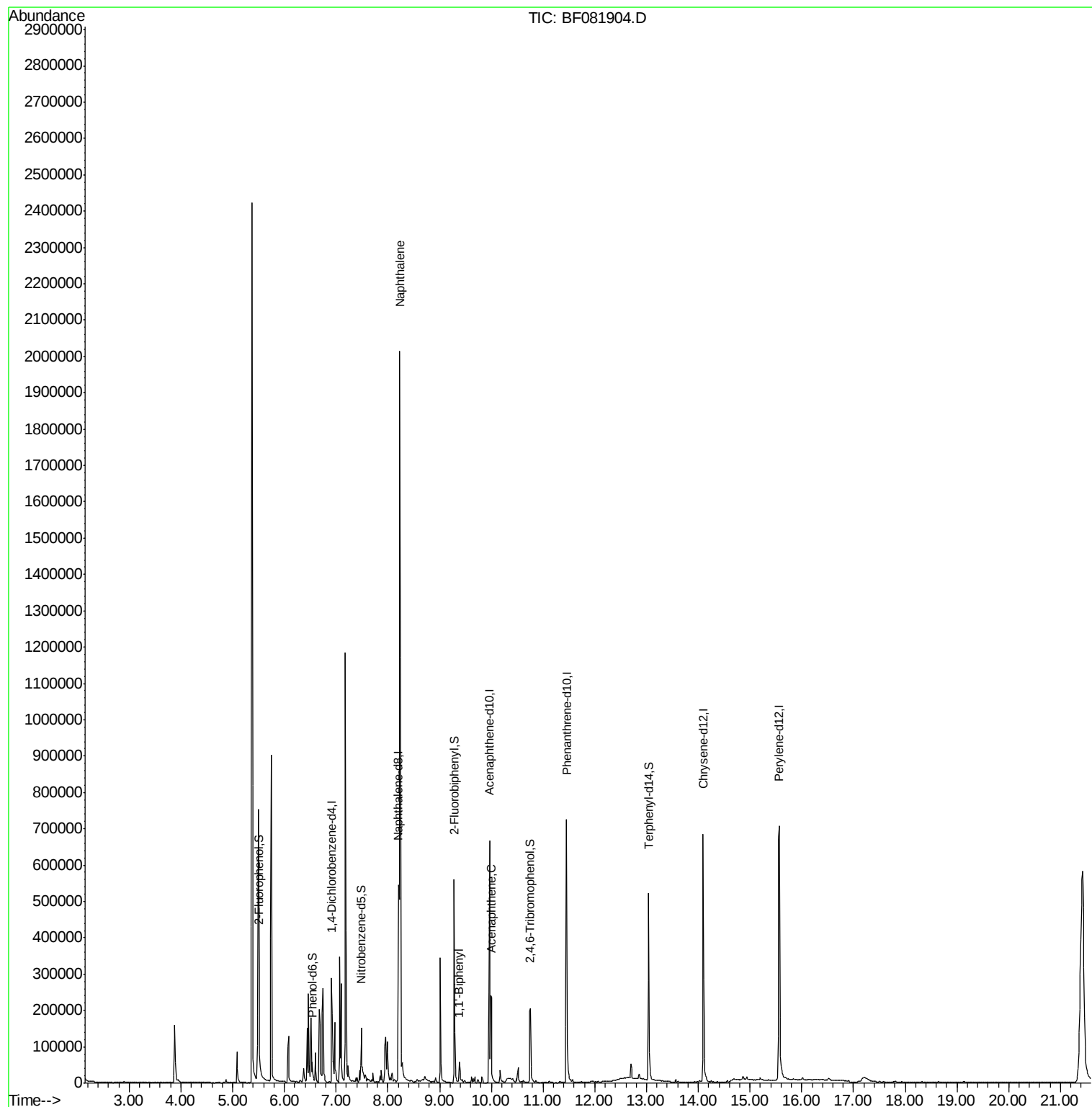
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	69324	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	289571	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	156326	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	320003	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	321254	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						
31) Naphthalene	8.23	128	1251895	97.57	ng	96
45) 1,1'-Biphenyl	9.38	154	30511	2.53	ng	93
51) Acenaphthene	10.00	154	84400	9.38	ng	89

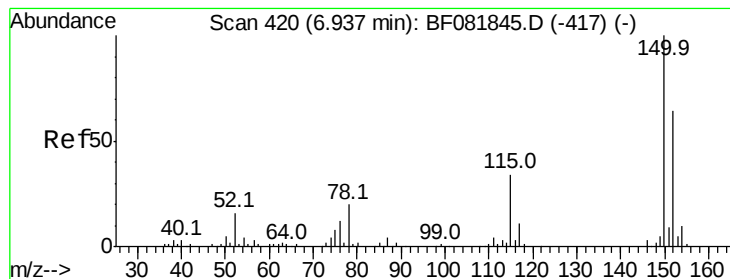
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 28 18:10:42 2015
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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

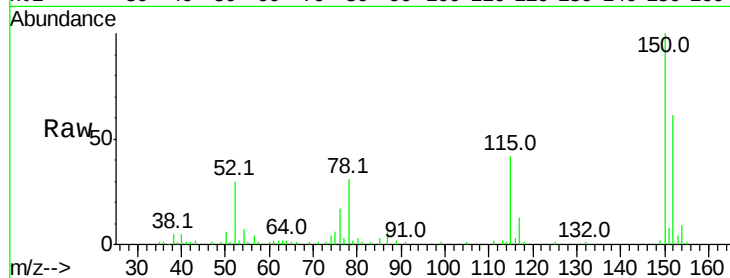
Tot Ion:152 Resp: 69324

Ion Ratio Lower Upper

152 100

150 162.7 124.7 187.1

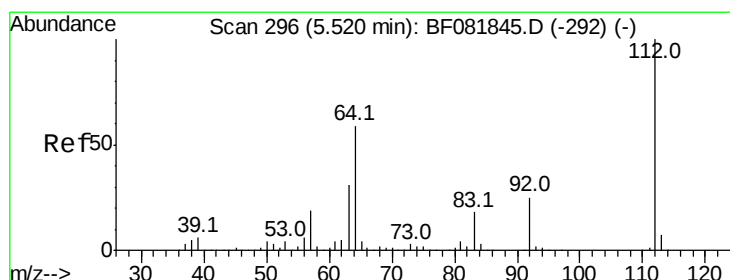
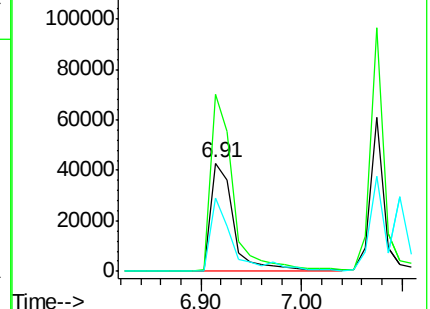
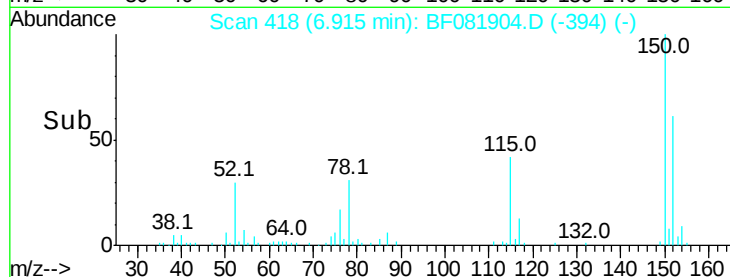
115 68.1 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 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

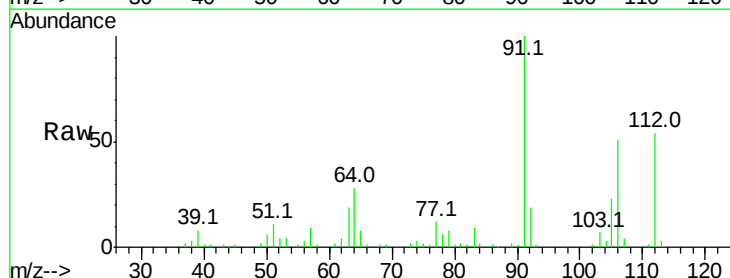
Tgt Ion:112 Resp: 77633

Ion Ratio Lower Upper

112 100

64 52.5 39.7 59.5

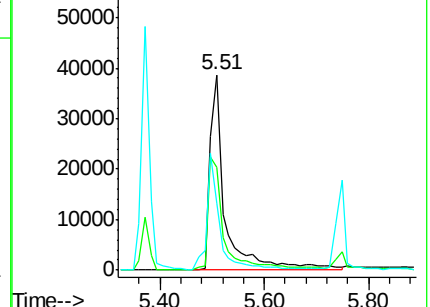
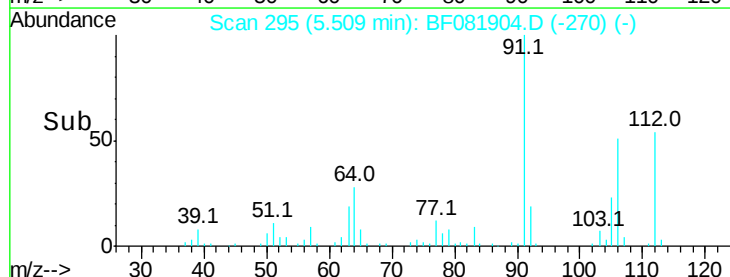
63 34.4 17.4 26.0#

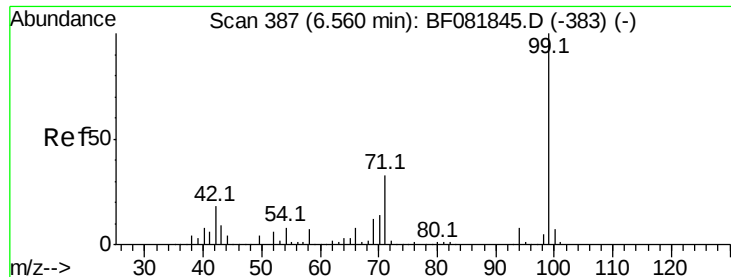


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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

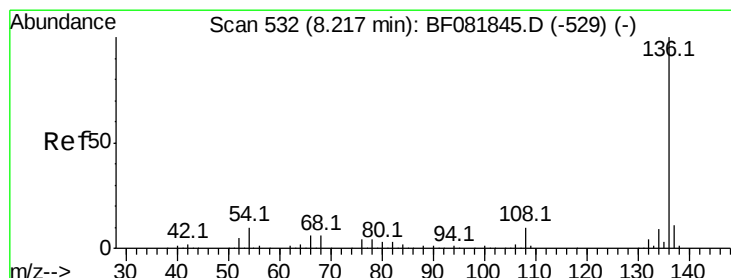
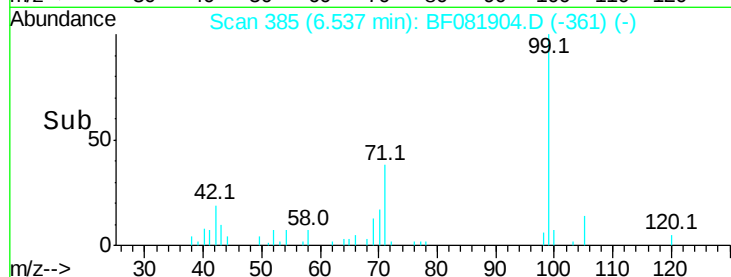
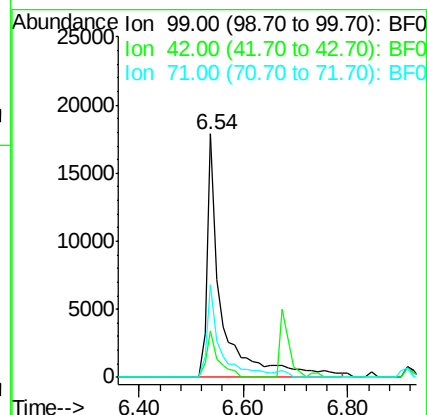
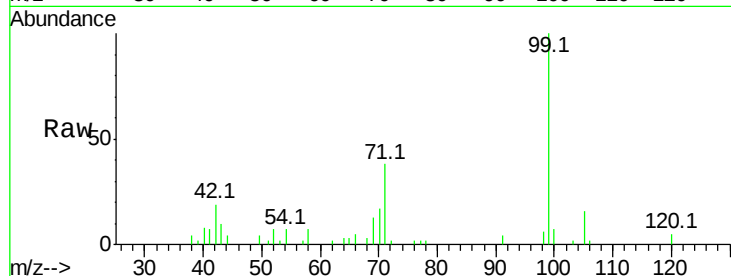
Tot Ion: 99 Resp: 34624

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

71 37.9 14.2 21.2#



#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

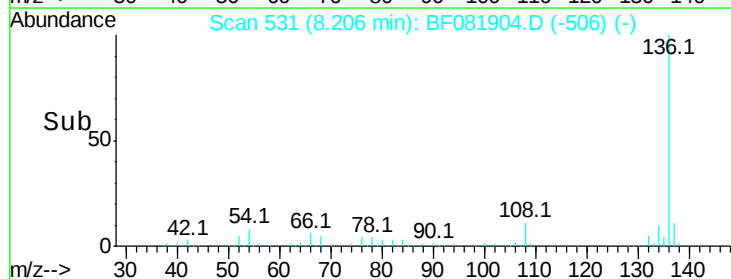
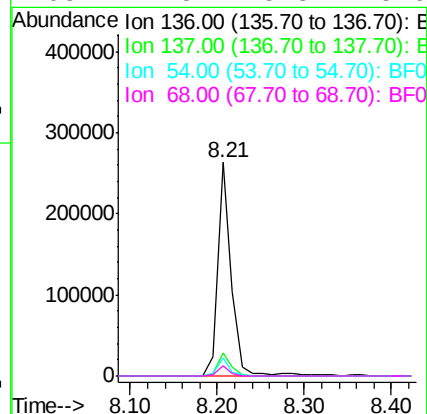
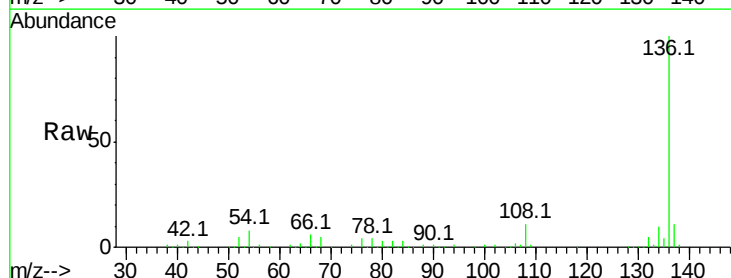
Ion Ratio Lower Upper

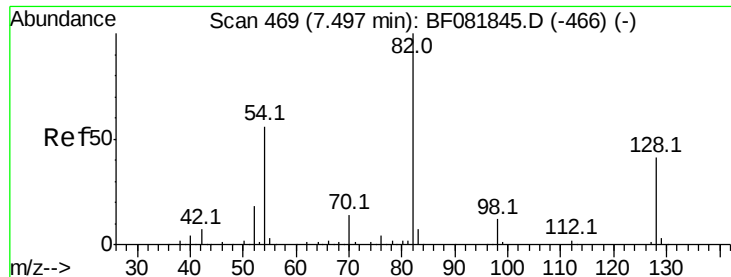
136 100

137 10.9 9.0 13.6

54 8.5 8.2 12.2

68 4.8 5.8 8.6#

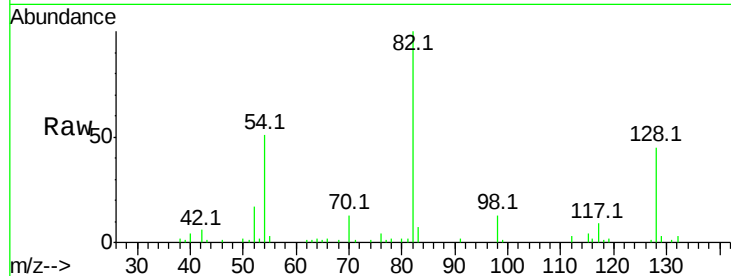




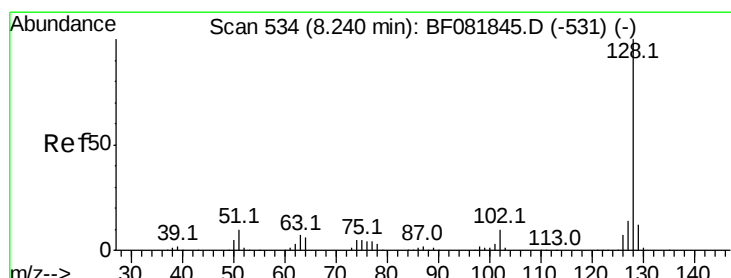
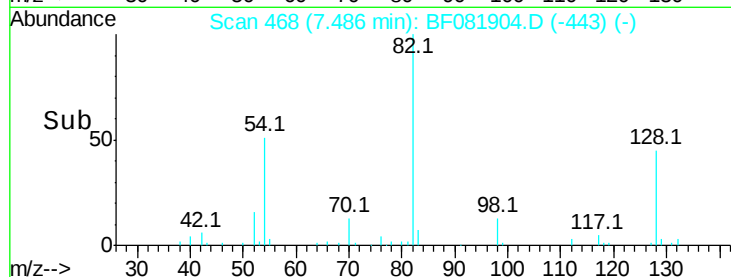
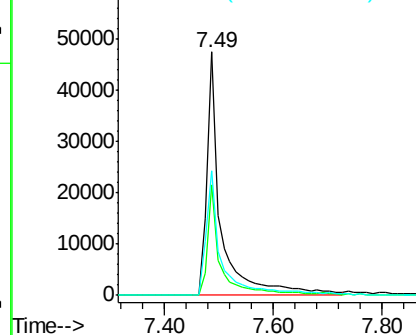
#23
 Nitrobenzene-d5
 Concen: 19.65 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

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

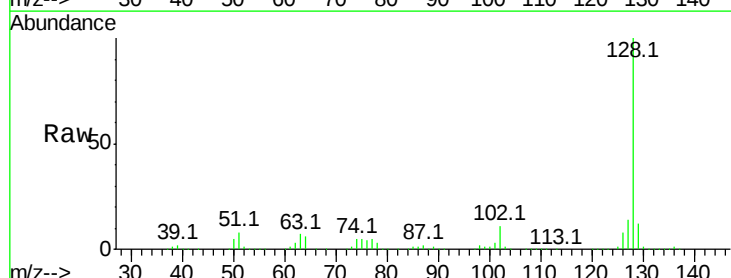


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

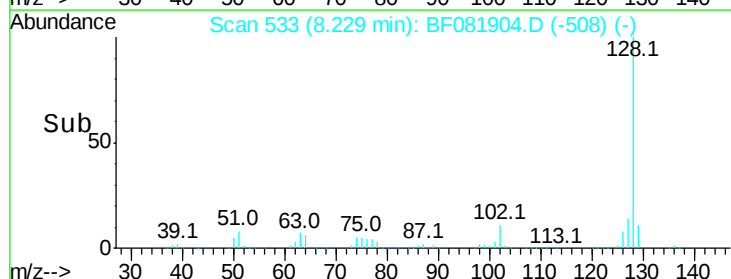
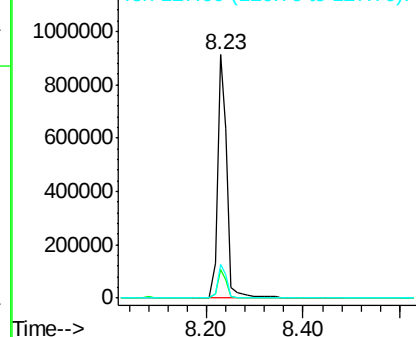


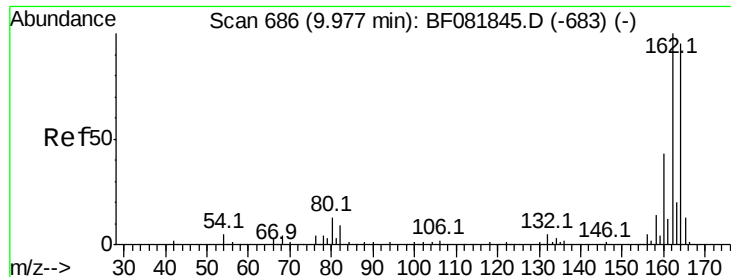
#31
 Naphthalene
 Concen: 97.57 ng
 RT: 8.23 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

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





#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

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

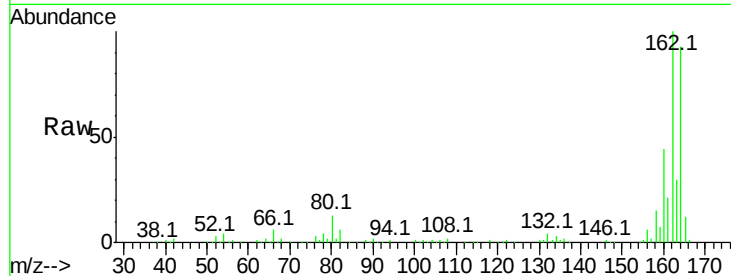
Tot Ion:164 Resp: 156326

Ion Ratio Lower Upper

164 100

162 107.3 75.2 112.8

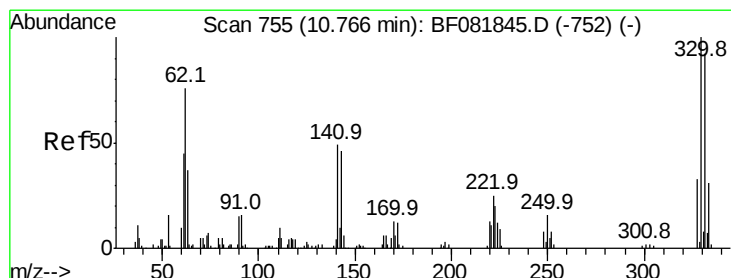
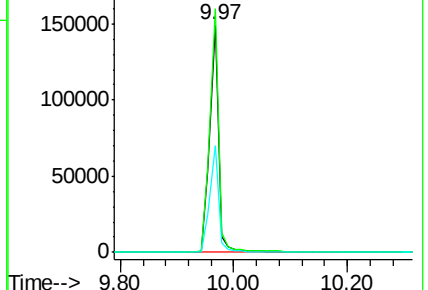
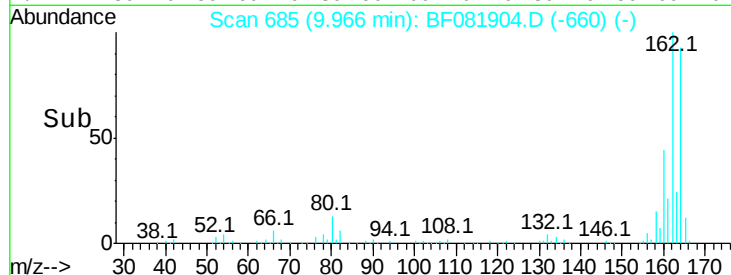
160 46.8 31.5 47.3



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

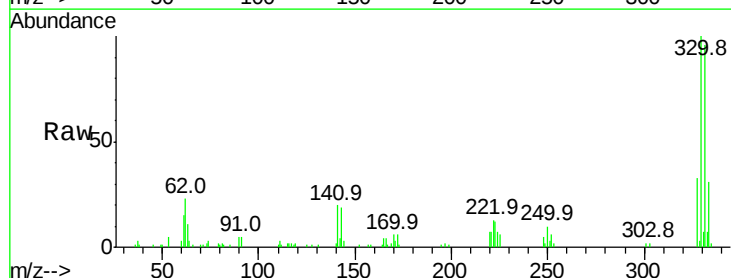
Tgt Ion:330 Resp: 46650

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

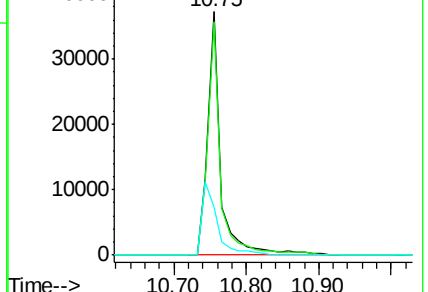
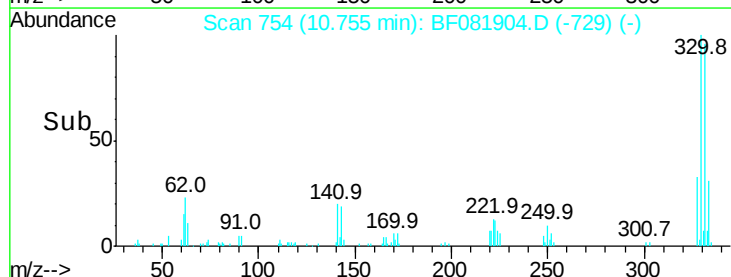
141 34.8 29.7 44.5

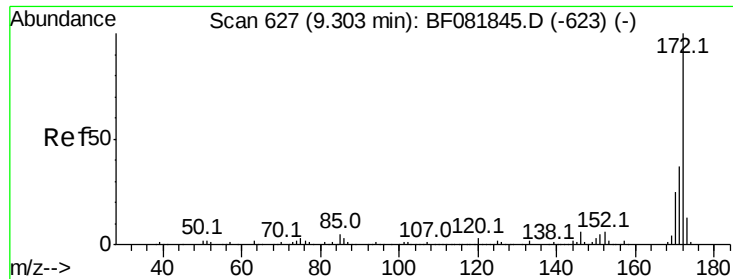


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

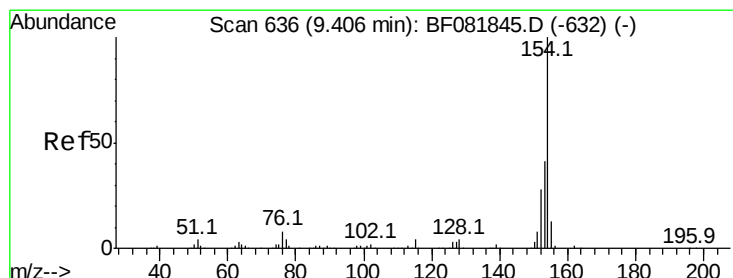
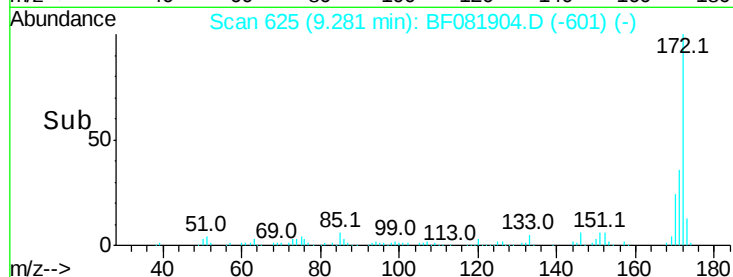
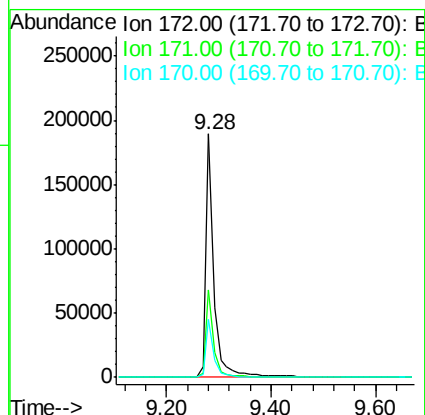
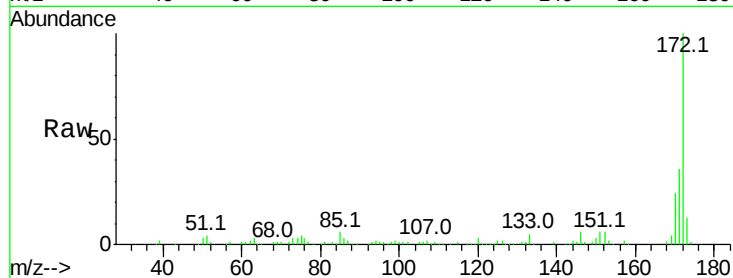




#44
 2-Fluorobiphenyl
 Concen: 18.56 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

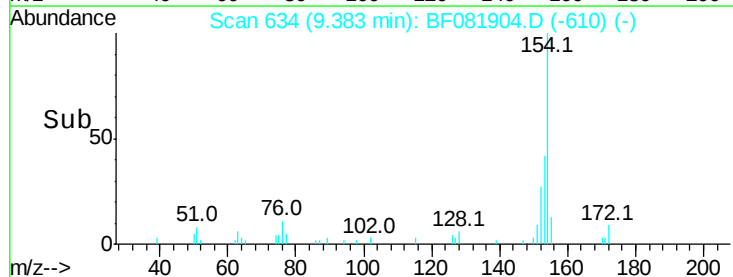
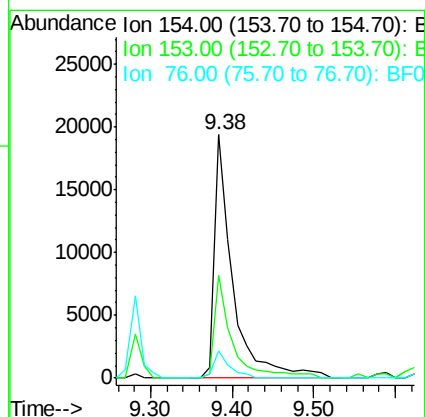
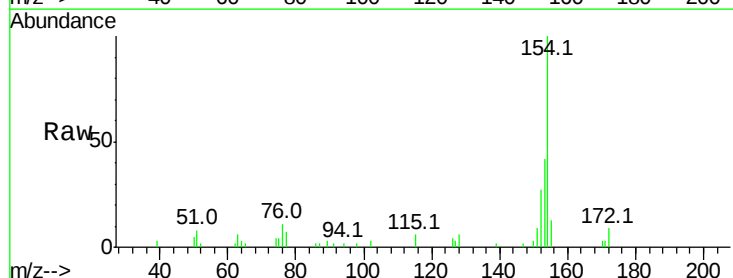
Instrument :
 BNA_F
 ClientSampleID :
 MW-3BDL

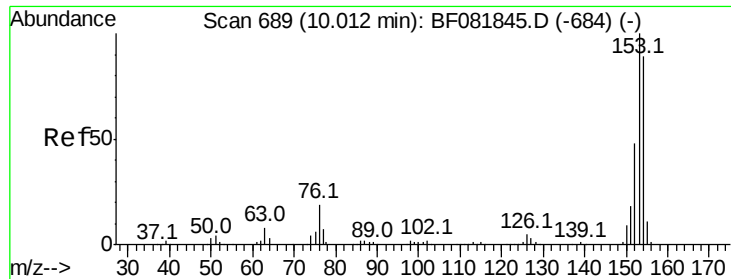
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	23.7	17.4	26.2



#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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	17.1	57.1
76	11.3	0.0	31.6





#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

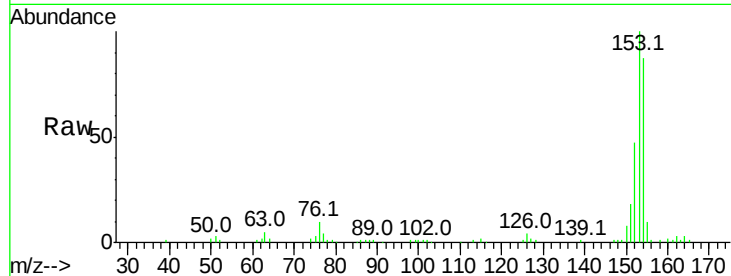
Tot Ion:154 Resp: 84400

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

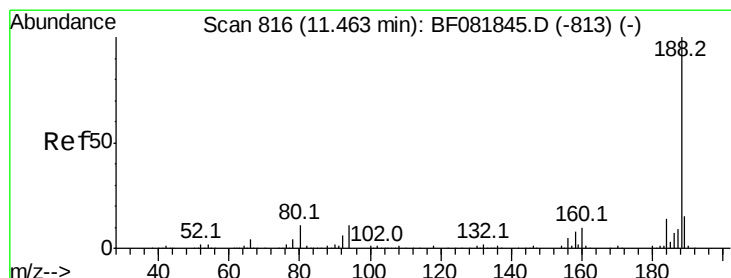
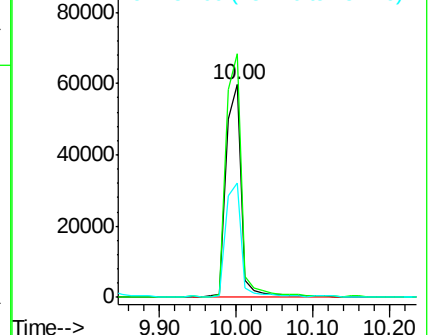
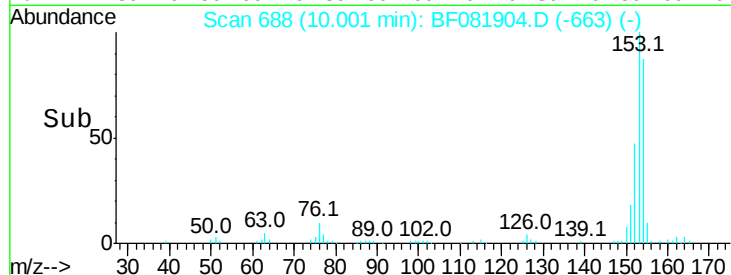
152 53.5 37.9 56.9



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



#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

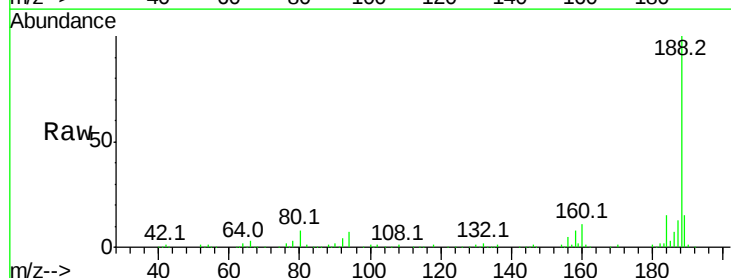
Tgt Ion:188 Resp: 320003

Ion Ratio Lower Upper

188 100

94 6.9 11.1 16.7#

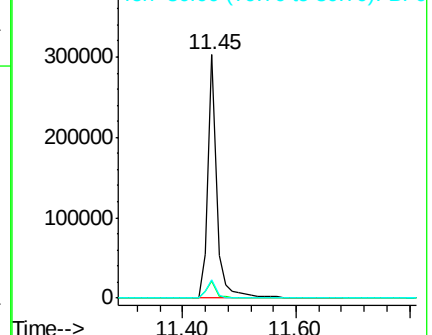
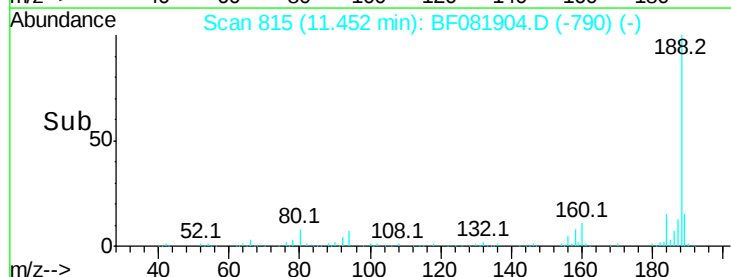
80 7.6 11.0 16.4#

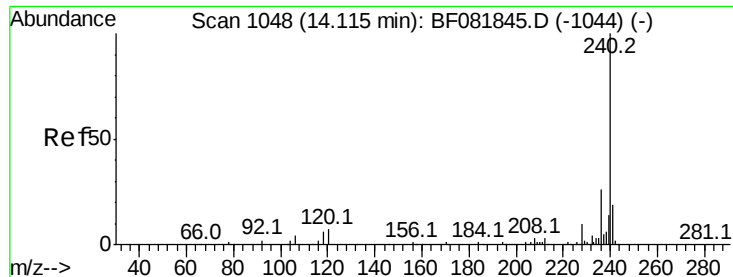


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-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 :

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MW-3BDL

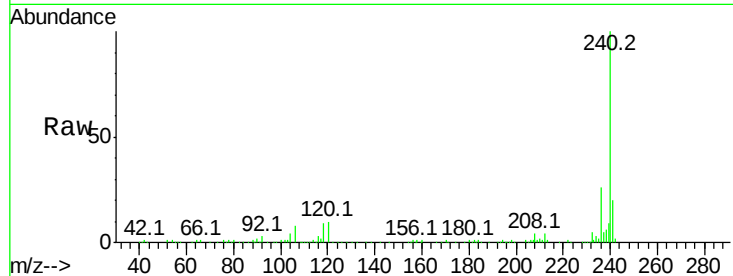
Tot Ion:240 Resp: 321254

Ion Ratio Lower Upper

240 100

120 9.9 16.2 24.2#

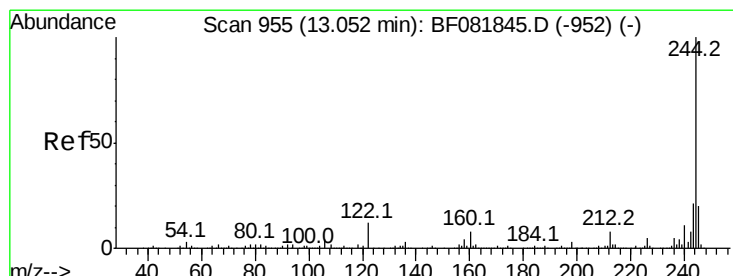
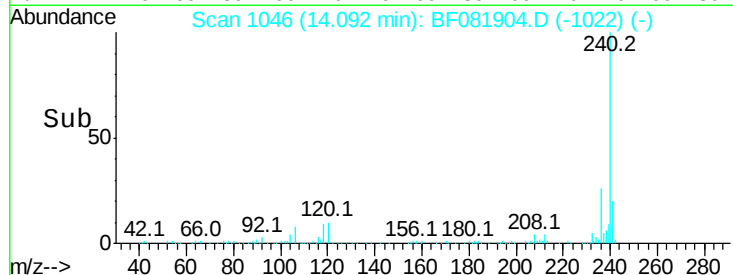
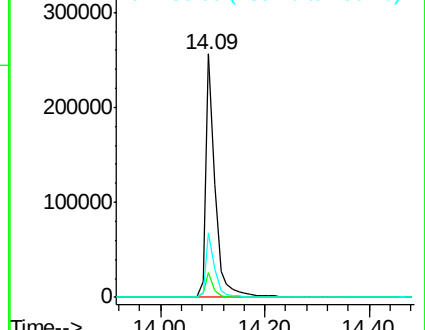
236 26.5 18.4 27.6



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

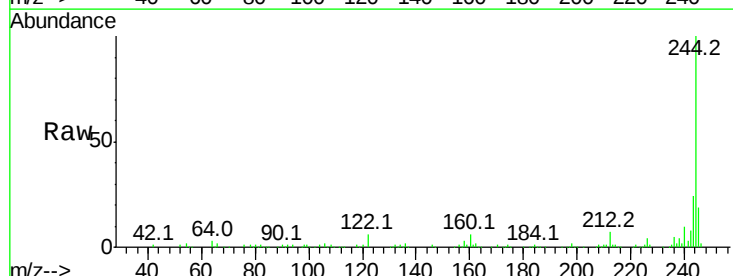
Tgt Ion:244 Resp: 237671

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

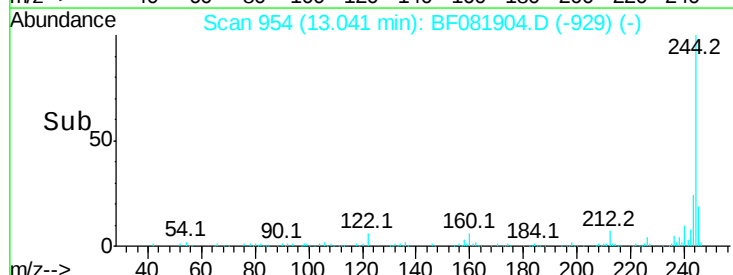
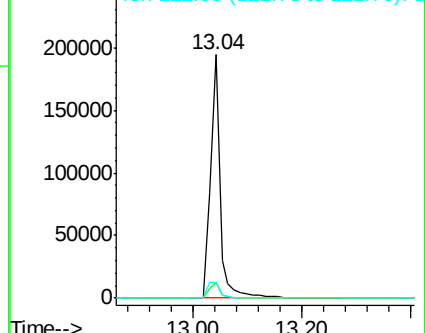
122 6.4 17.4 26.2#

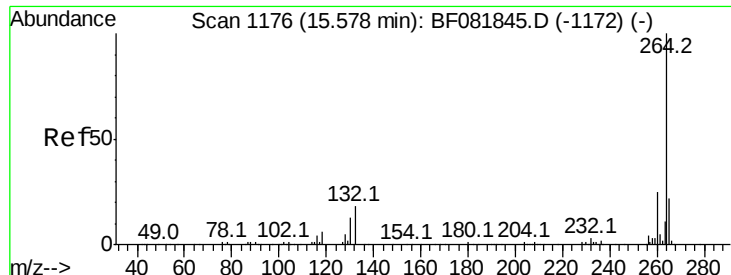


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

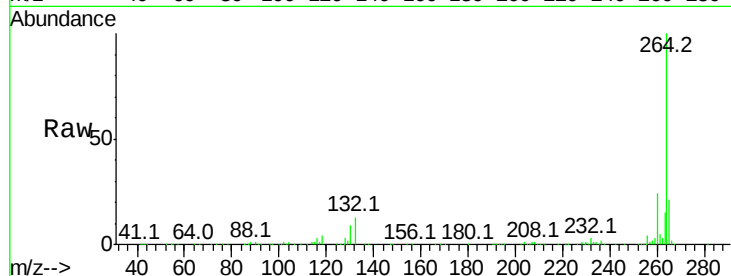




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081904.D
 Acq: 30 Sep 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tot 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

