

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081408.D
 Acq On : 4 Sep 2015 7:53
 Operator : UM/IZ
 Sample : G3505-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01

Quant Time: Sep 04 08:22:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

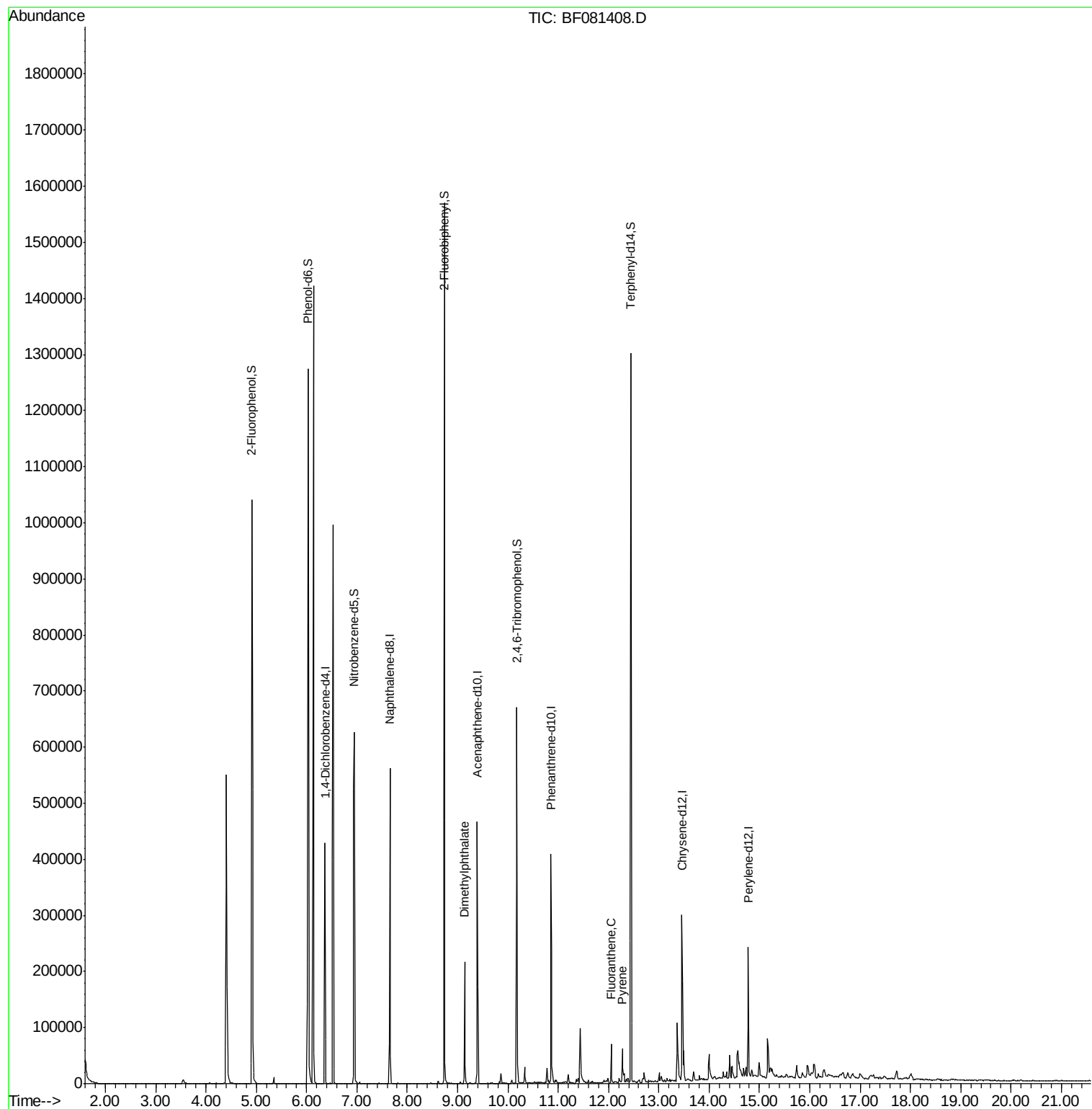
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57616	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	224452	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	95984	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	185722	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	119970	20.00	ng	-0.03
86) Perylene-d12	14.78	264	91786	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	307004	82.67	ng	-0.01
7) Phenol-d6	6.03	99	387837	78.90	ng	-0.02
23) Nitrobenzene-d5	6.95	82	278901	59.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	78799	92.20	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	486165	64.91	ng	-0.02
78) Terphenyl-d14	12.45	244	360519	69.95	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.14	163	76287	10.23	ng	# 97
74) Fluoranthene	12.06	202	28981	2.59	ng	89
77) Pyrene	12.27	202	28254	3.18	ng	97

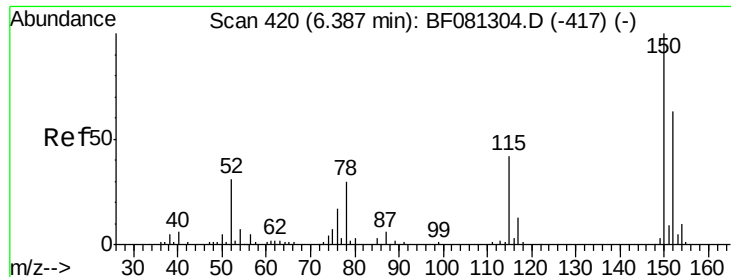
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

P005-BF001-01

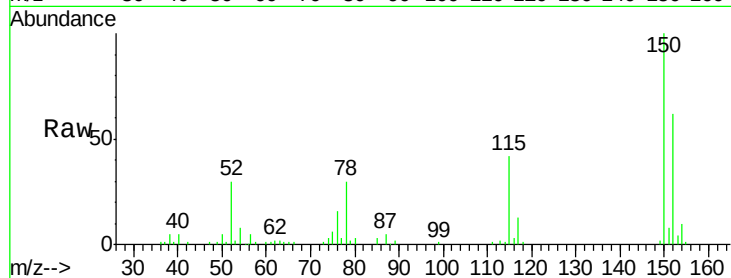
Tot Ion:152 Resp: 57616

Ion Ratio Lower Upper

152 100

150 160.4 124.7 187.1

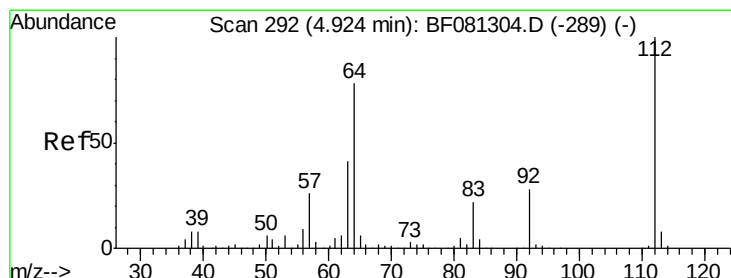
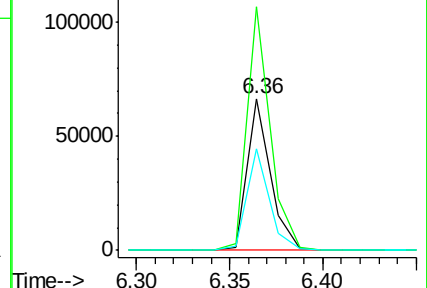
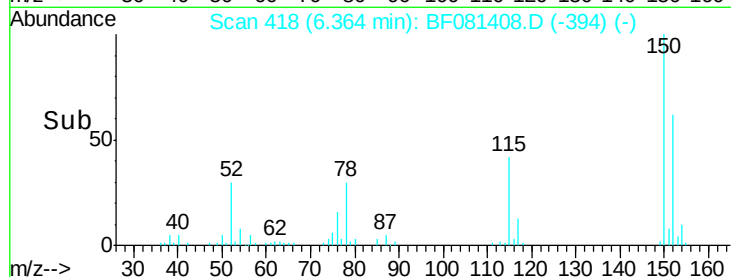
115 67.1 39.0 58.4#



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: 82.67 ng

RT: 4.91 min Scan# 291

Delta R.T. -0.01 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

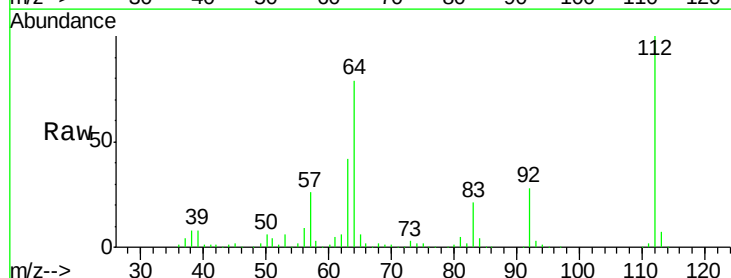
Tgt Ion:112 Resp: 307004

Ion Ratio Lower Upper

112 100

64 78.8 39.7 59.5#

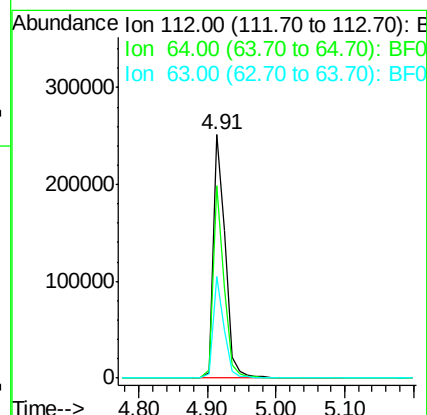
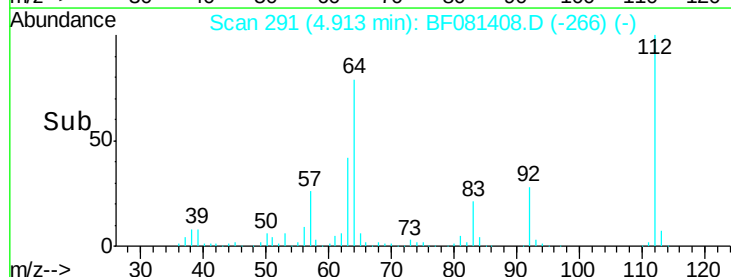
63 41.5 17.4 26.0#

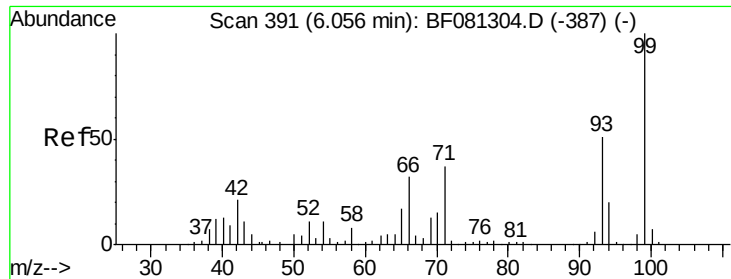


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.90 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

P005-BF001-01

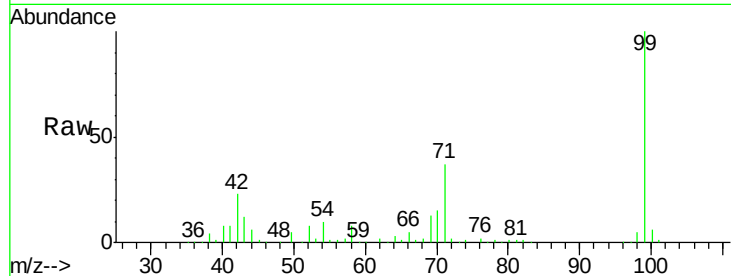
Tot Ion: 99 Resp: 387837

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

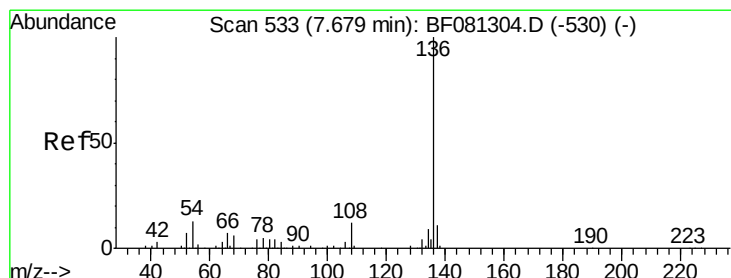
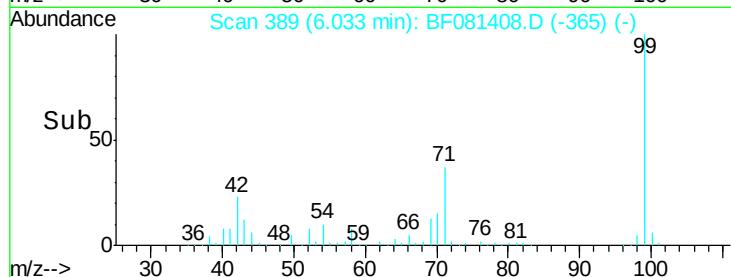
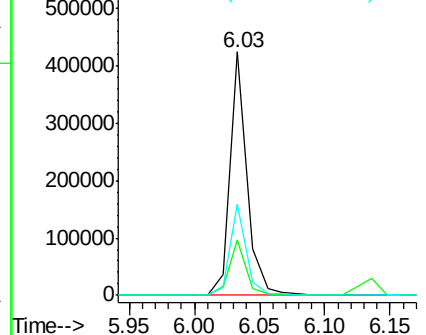
71 37.3 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Tgt Ion: 136 Resp: 224452

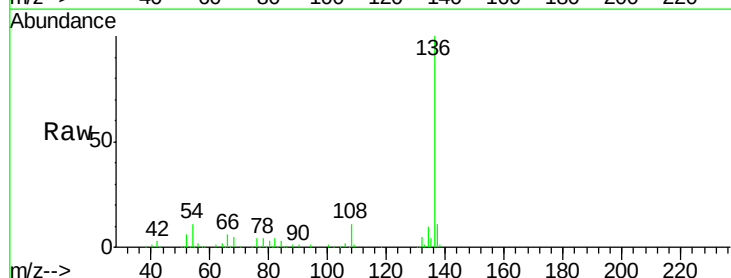
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.0 8.2 12.2

68 5.4 5.8 8.6#

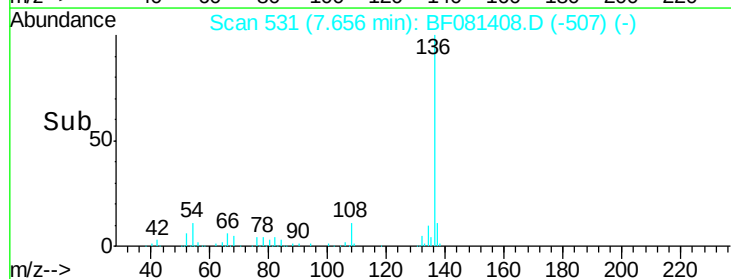
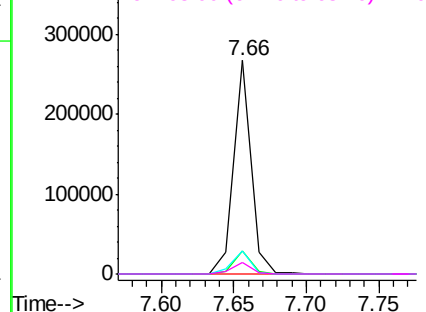


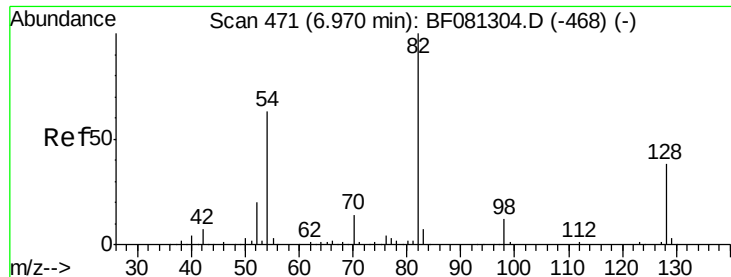
Abundance Ion 136.00 (135.70 to 136.70): E

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

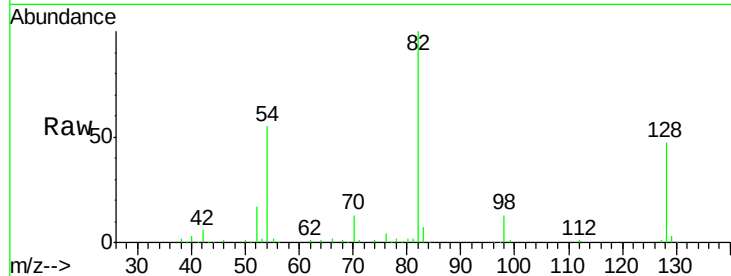




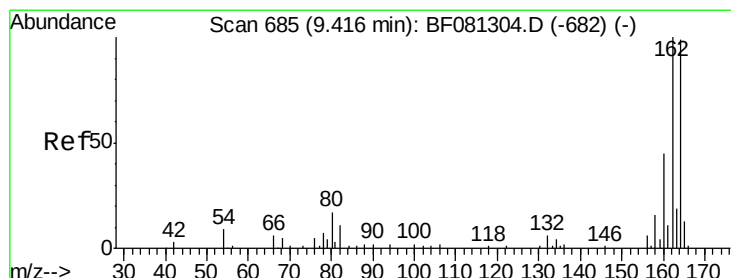
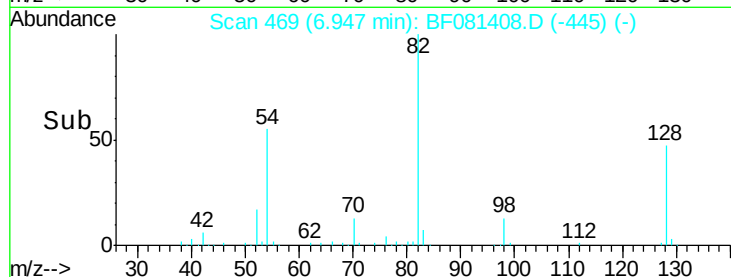
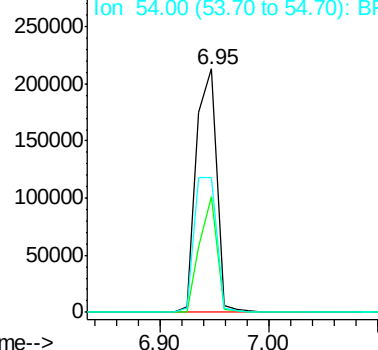
#23
 Nitrobenzene-d5
 Concen: 59.95 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01

Tot Ion: 82 Resp: 278901
 Ion Ratio Lower Upper
 82 100
 128 47.3 51.0 76.6#
 54 55.2 47.5 71.3

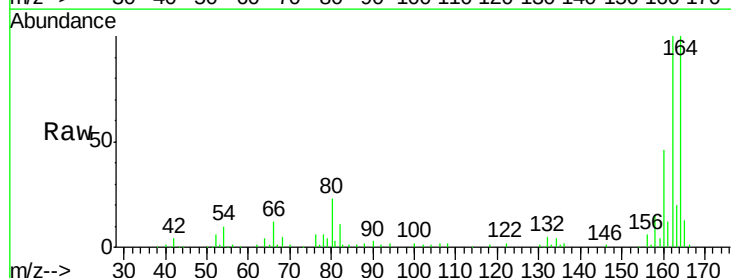


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

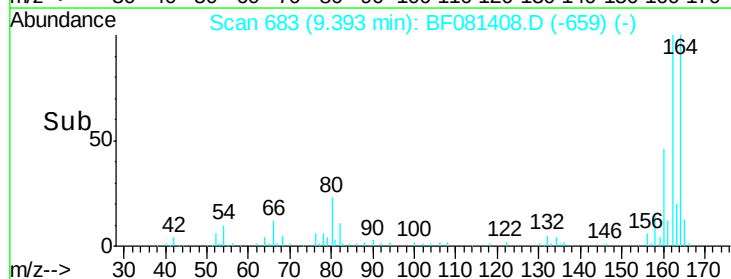
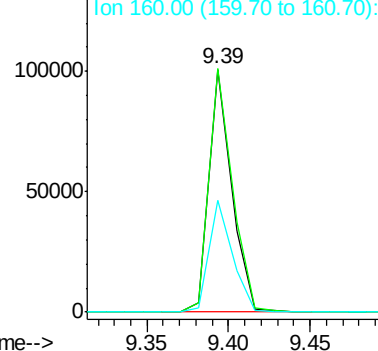


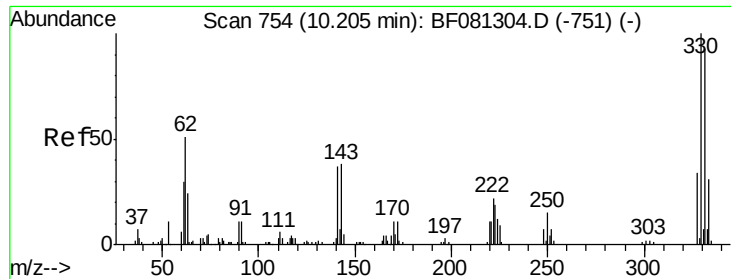
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Tgt Ion:164 Resp: 95984
 Ion Ratio Lower Upper
 164 100
 162 100.2 75.2 112.8
 160 46.0 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

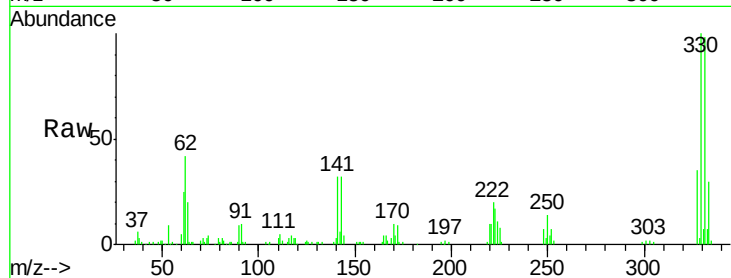




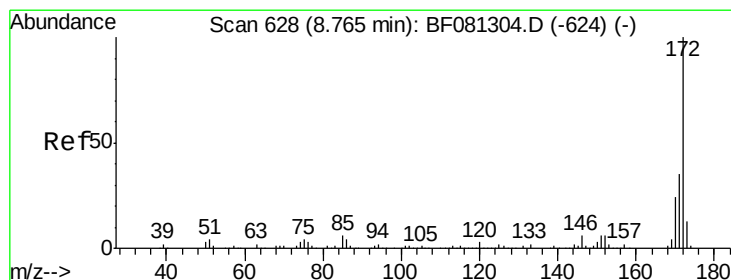
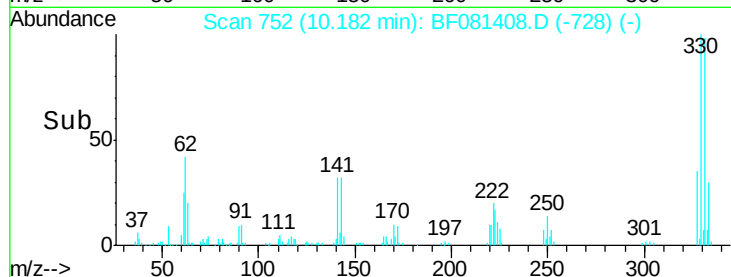
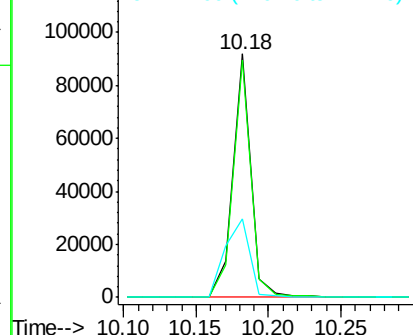
#41
 2,4,6-Tribromophenol
 Concen: 92.20 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	44.0	29.7	44.5

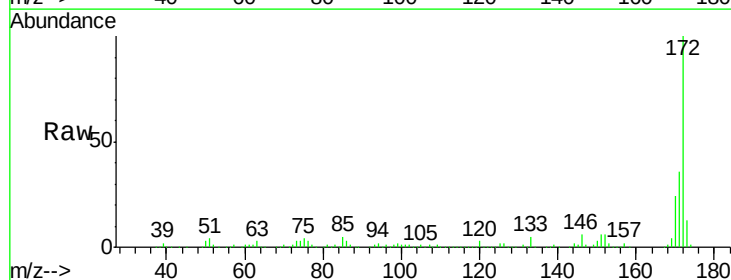


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

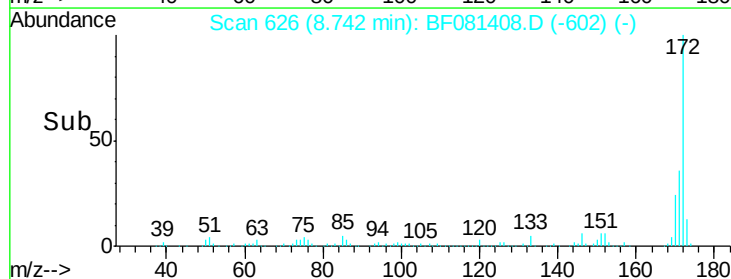
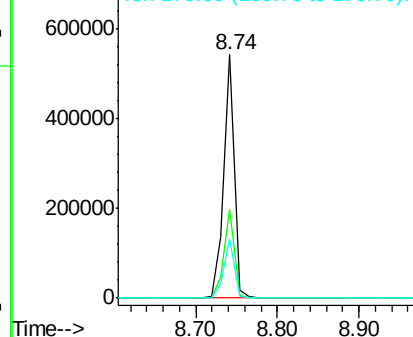


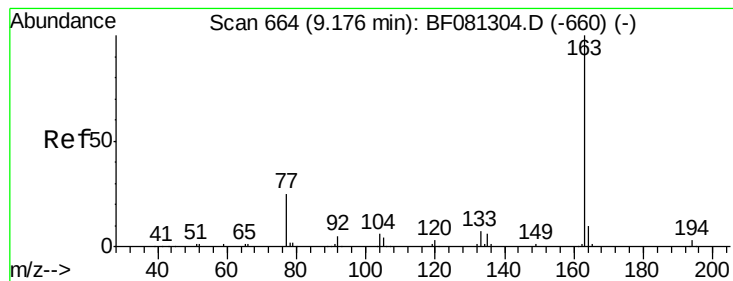
#44
 2-Fluorobiphenyl
 Concen: 64.91 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.1	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





#49

Dimethylphthalate

Concen: 10.23 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

P005-BF001-01

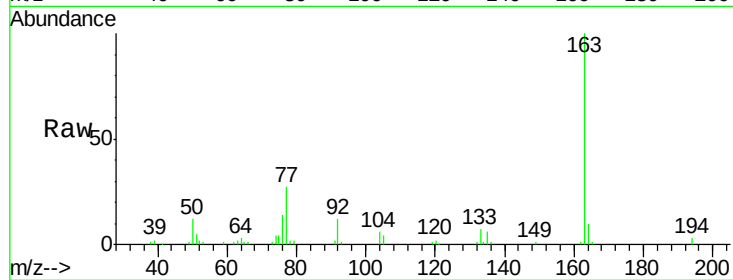
Tot Ion:163 Resp: 76287

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

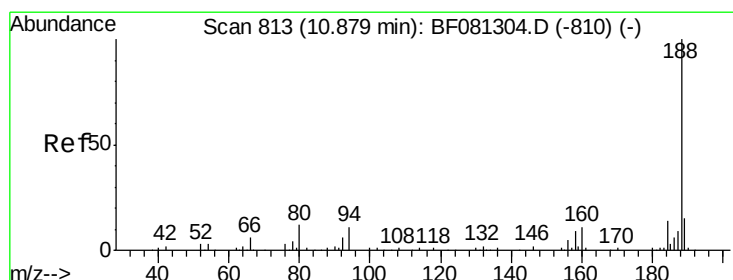
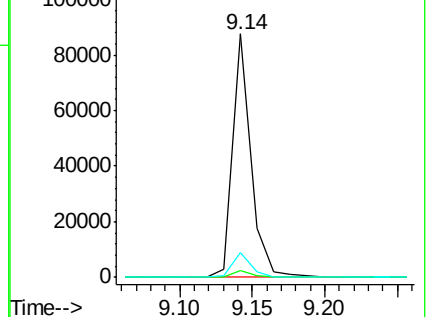
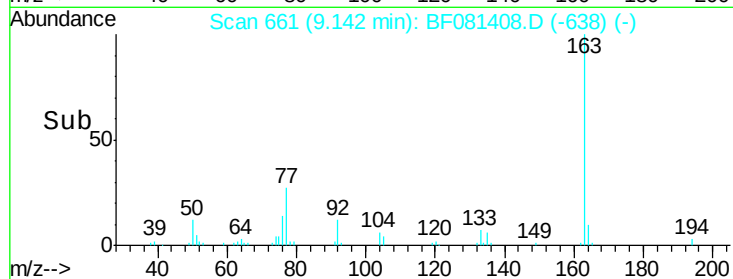
164 10.4 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

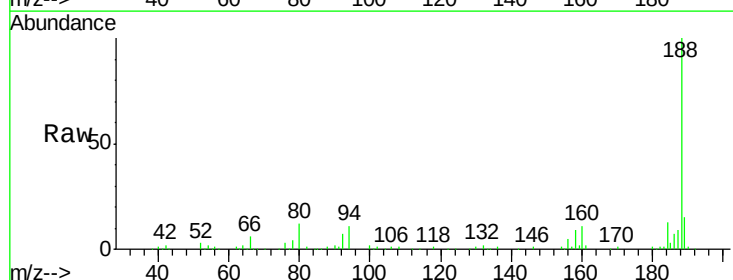
Tgt Ion:188 Resp: 185722

Ion Ratio Lower Upper

188 100

94 10.6 11.1 16.7#

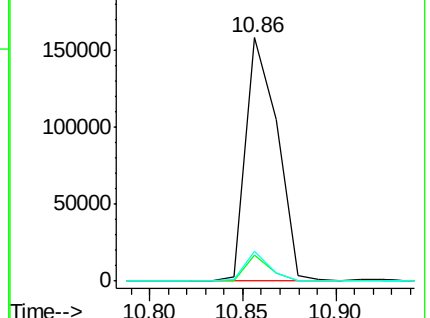
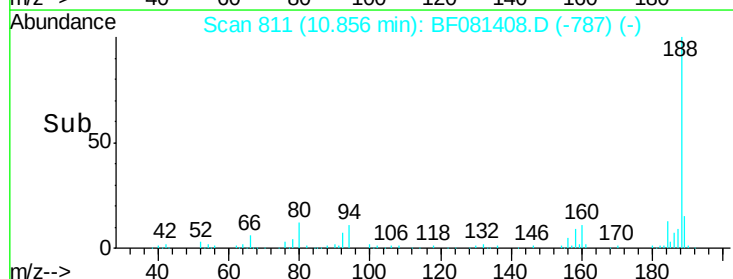
80 12.4 11.0 16.4

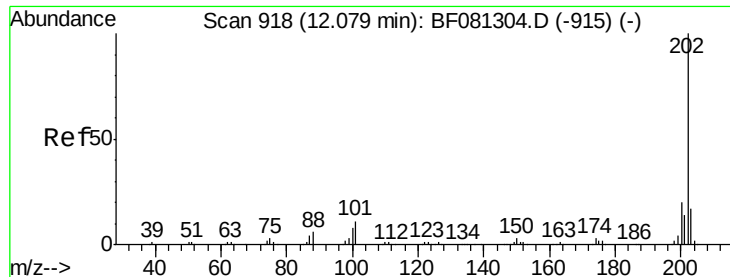


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

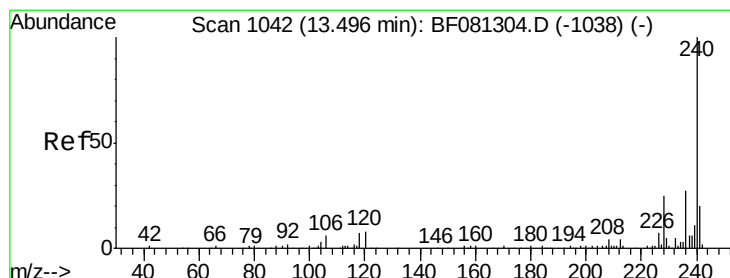
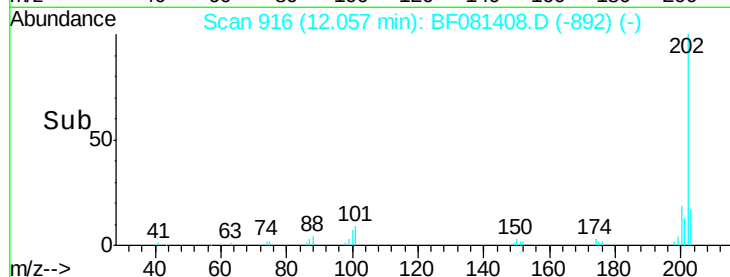
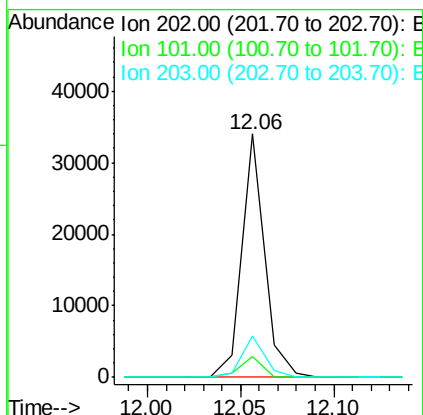
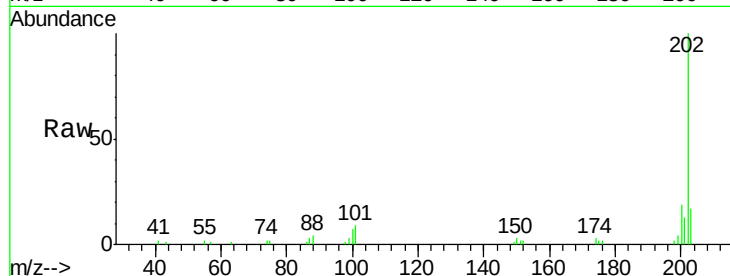




#74
Fluoranthene
Concen: 2.59 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

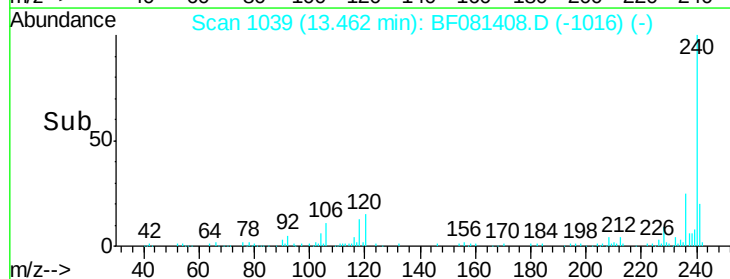
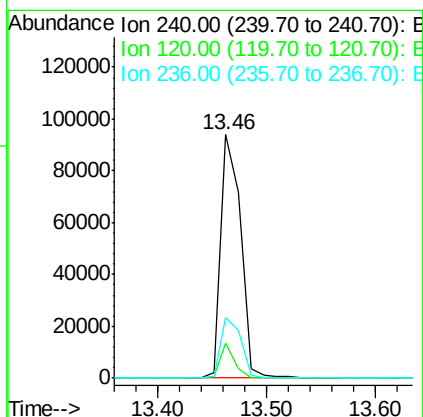
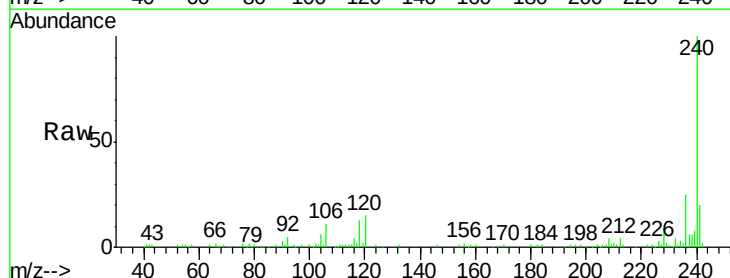
Instrument :
BNA_F
ClientSampleId :
P005-BF001-01

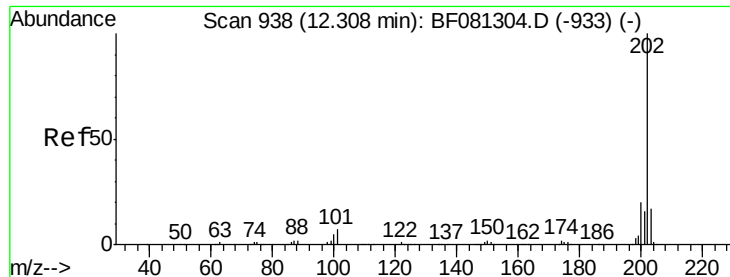
Tot Ion:202 Resp: 28981
Ion Ratio Lower Upper
202 100
101 8.8 0.0 38.3
203 17.1 0.0 37.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Tgt Ion:240 Resp: 119970
Ion Ratio Lower Upper
240 100
120 14.5 16.2 24.2#
236 25.0 18.4 27.6

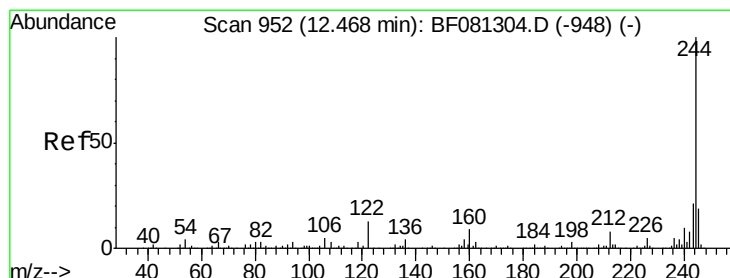
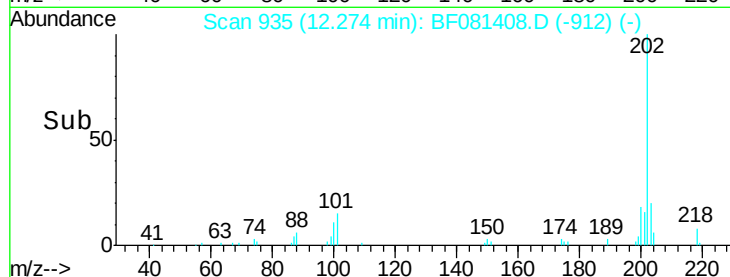
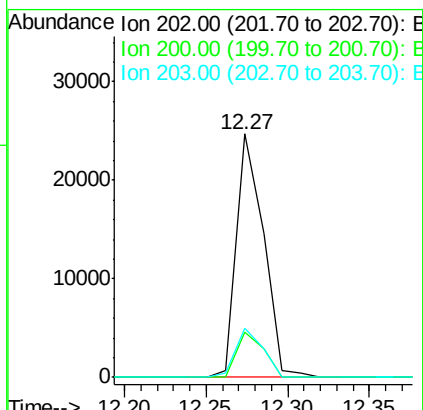
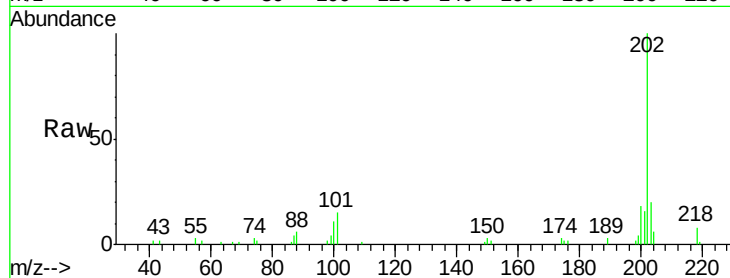




#77
Pvrene
Concen: 3.18 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

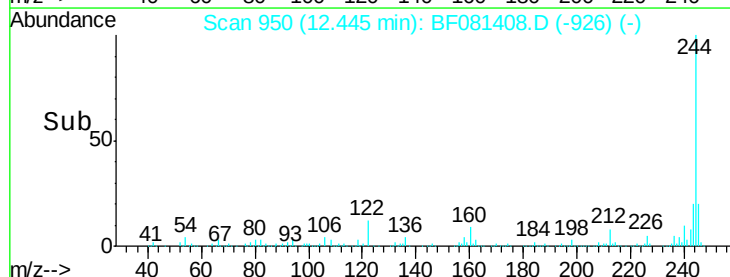
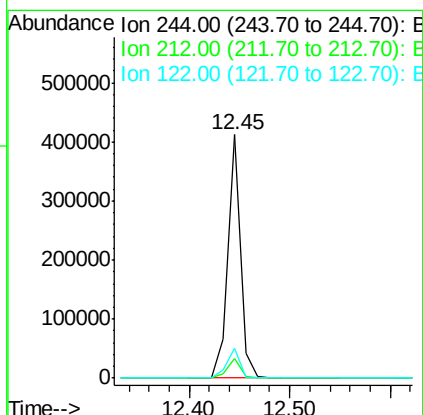
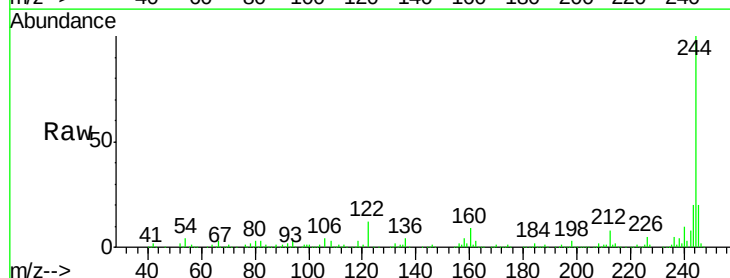
Instrument :
BNA_F
ClientSampleId :
P005-BF001-01

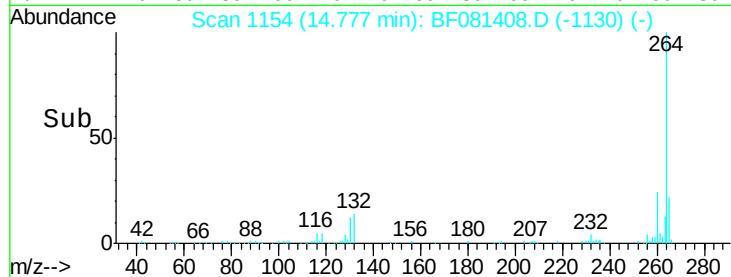
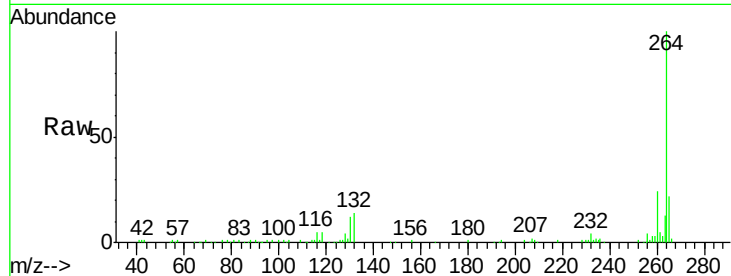
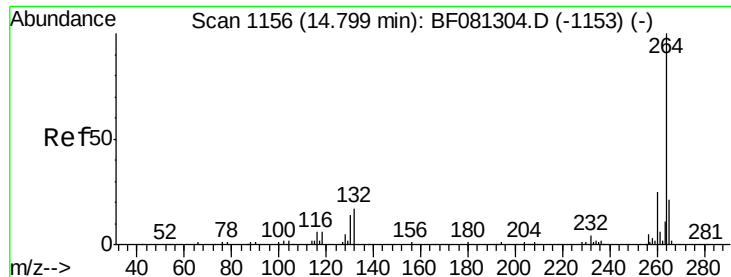
Tot Ion:202 Resp: 28254
Ion Ratio Lower Upper
202 100
200 18.4 15.0 22.4
203 20.1 14.1 21.1



#78
Terphenyl-d14
Concen: 69.95 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Tgt Ion:244 Resp: 360519
Ion Ratio Lower Upper
244 100
212 7.8 4.3 6.5#
122 12.0 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.7	17.2	25.8

