

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081212.D
 Acq On : 25 Aug 2015 22:10
 Operator : UM/IZ
 Sample : G3407-08 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-BF001-01

Quant Time: Aug 26 01:24:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

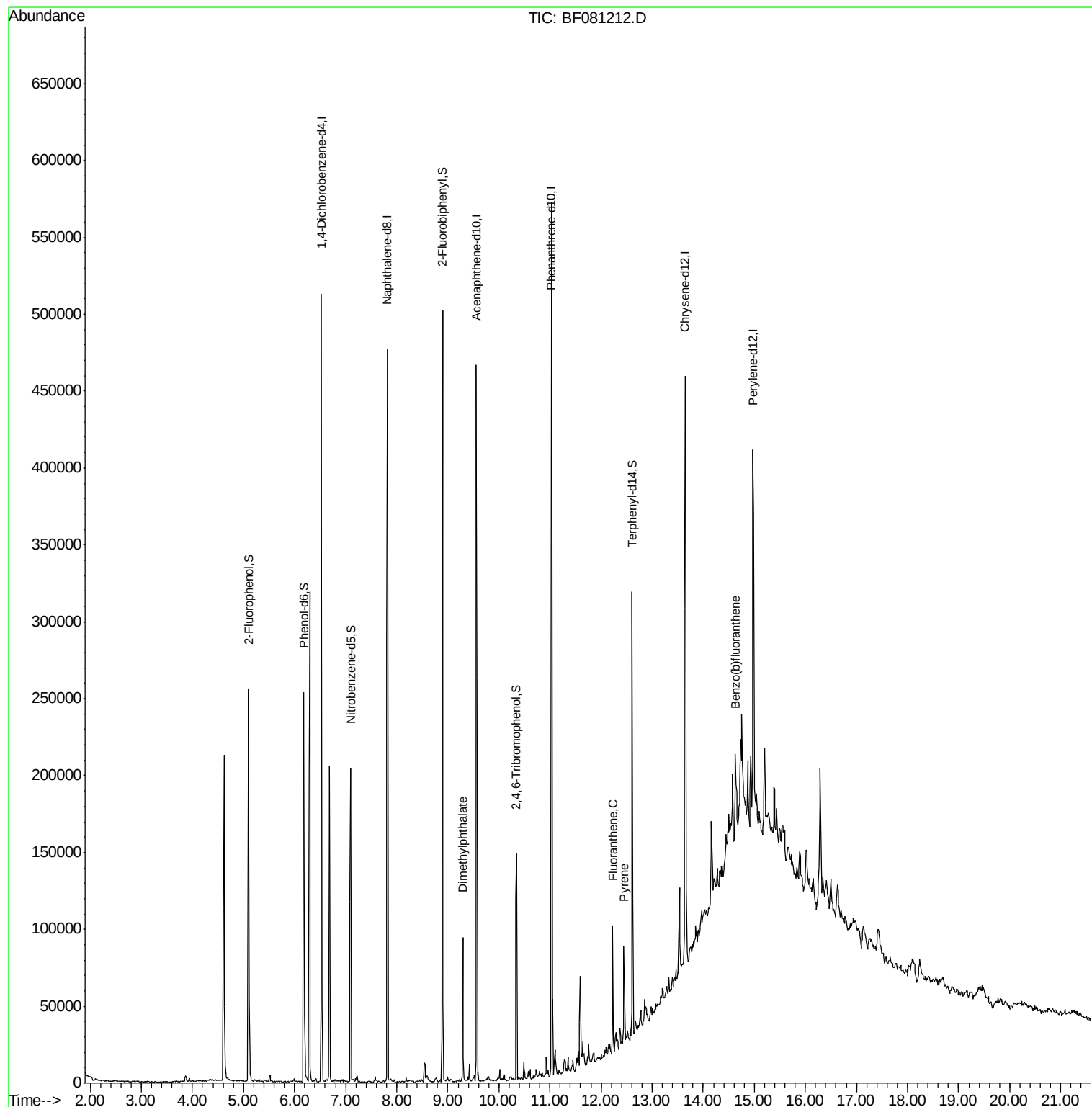
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	66299	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	253584	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	104423	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	193538	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	138088	20.00	ng	-0.01
86) Perylene-d12	14.97	264	116323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	95017	21.56	ng	0.00
7) Phenol-d6	6.18	99	131395	22.85	ng	-0.01
23) Nitrobenzene-d5	7.10	82	77543	13.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	17941	19.82	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	135054	16.95	ng	-0.01
78) Terphenyl-d14	12.61	244	82782	12.85	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.29	163	31265	3.64	ng	100
74) Fluoranthene	12.23	202	32351	2.61	ng	94
77) Pyrene	12.45	202	27976	2.49	ng	96
87) Benzo(b)fluoranthene	14.63	252	20653m	2.51	ng	

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Instrument :

BNA_F

ClientSampleId :

P004-BF001-01

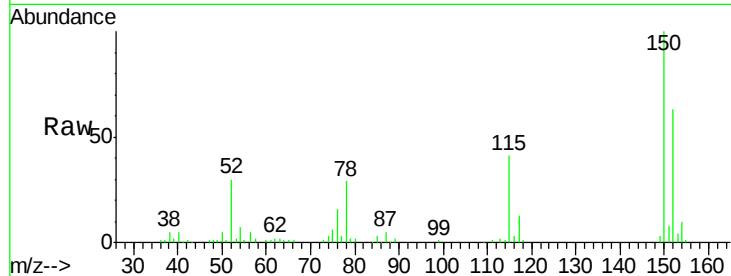
Tgt Ion:152 Resp: 66299

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

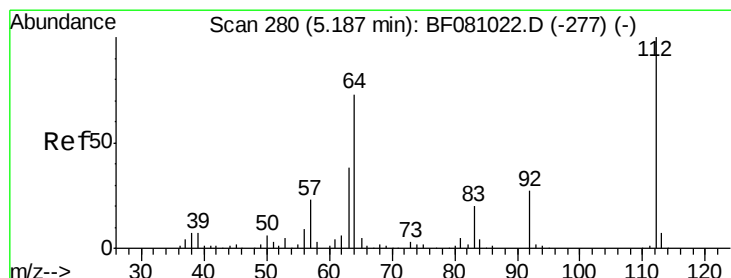
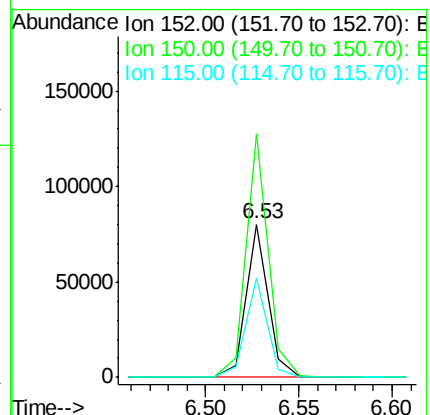
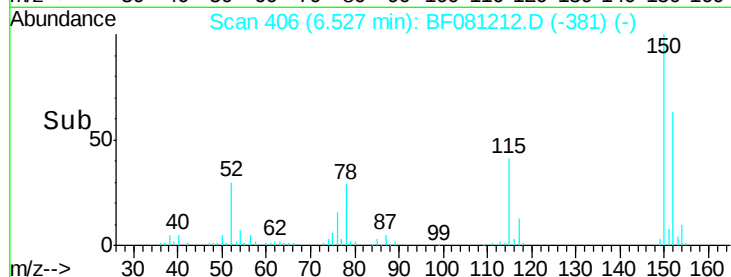
115 64.6 52.1 78.1



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: 21.56 ng

RT: 5.10 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

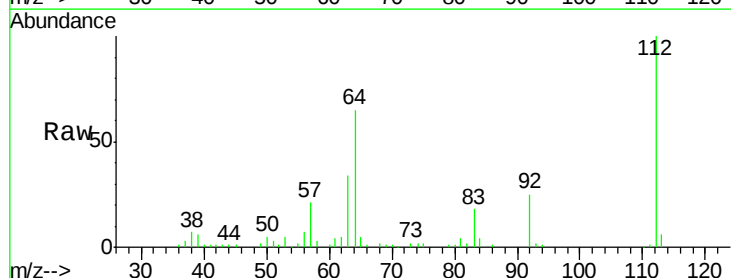
Tgt Ion:112 Resp: 95017

Ion Ratio Lower Upper

112 100

64 65.0 66.9 100.3#

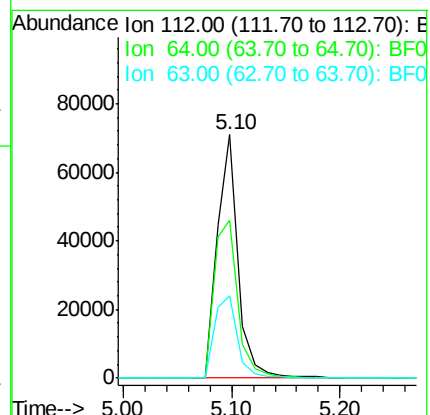
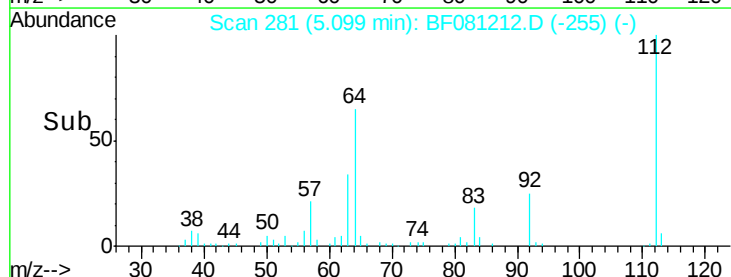
63 33.9 38.1 57.1#

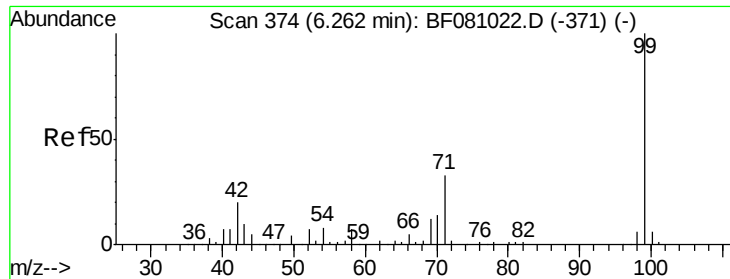


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.85 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Instrument :

BNA_F

ClientSampleId :

P004-BF001-01

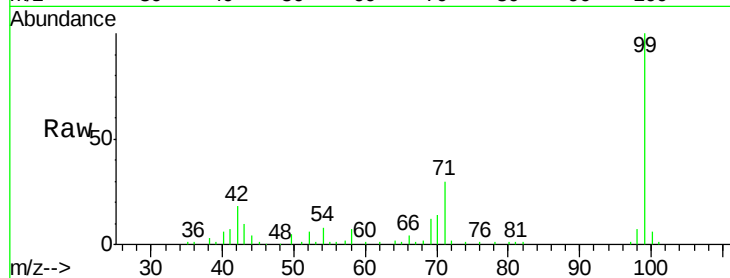
Tgt Ion: 99 Resp: 131395

Ion Ratio Lower Upper

99 100

42 17.8 19.6 29.4#

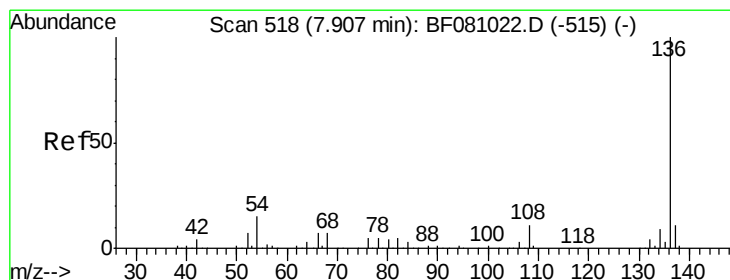
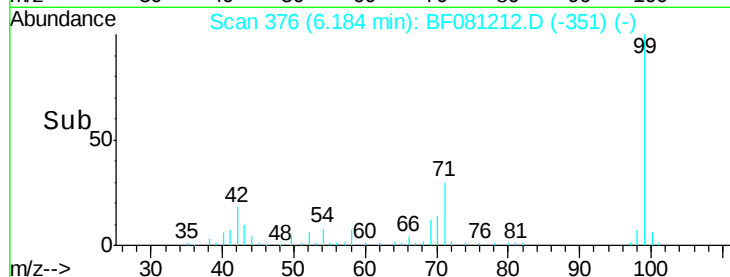
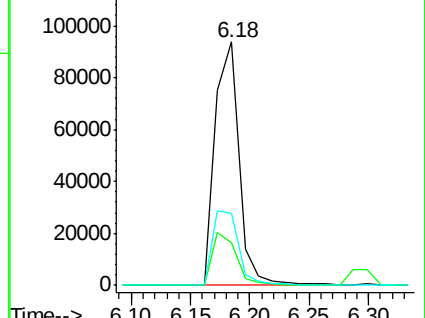
71 29.8 31.2 46.8#



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: 7.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Tgt Ion: 136 Resp: 253584

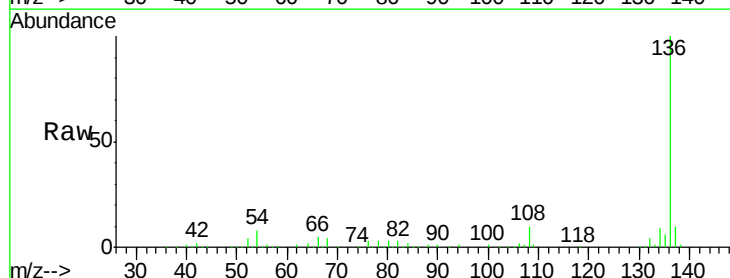
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.2

54 8.2 7.7 11.5

68 4.5 3.4 5.2

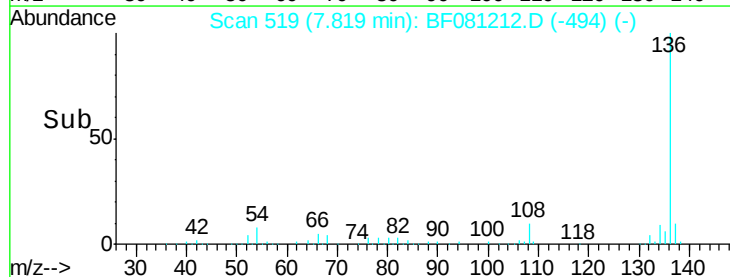
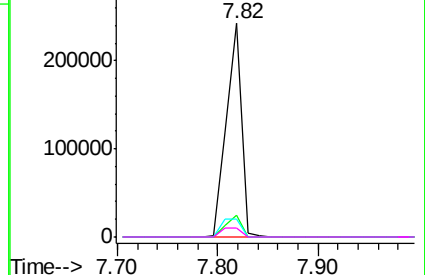


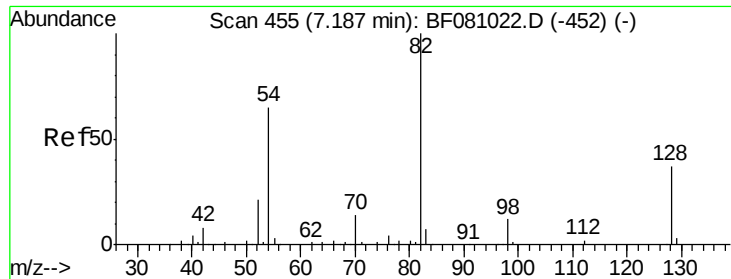
Abundance Ion 136.00 (135.70 to 136.70): E

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

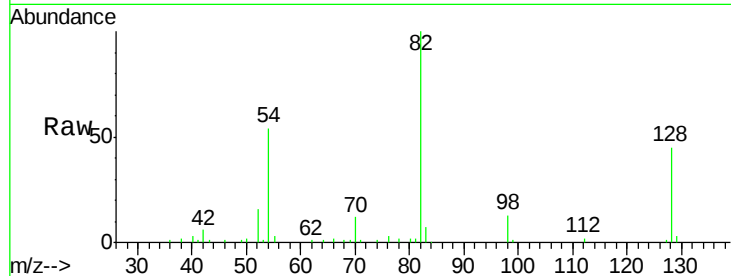




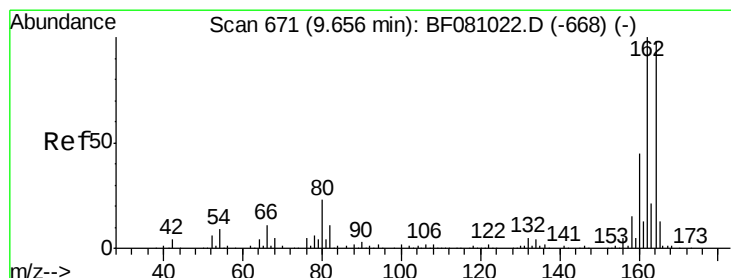
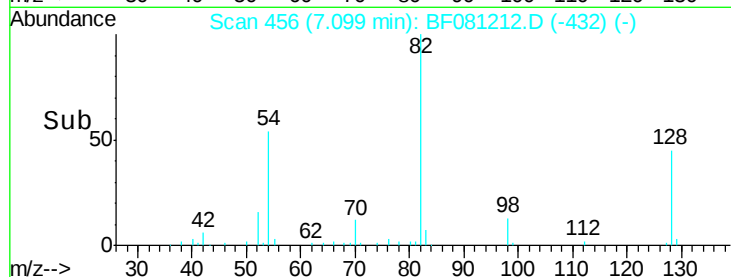
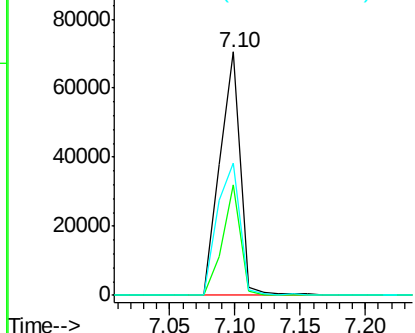
#23
 Nitrobenzene-d5
 Concen: 13.97 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :
 P004-BF001-01

Tgt Ion: 82 Resp: 77543
 Ion Ratio Lower Upper
 82 100
 128 45.3 28.6 42.8#
 54 54.1 55.1 82.7#

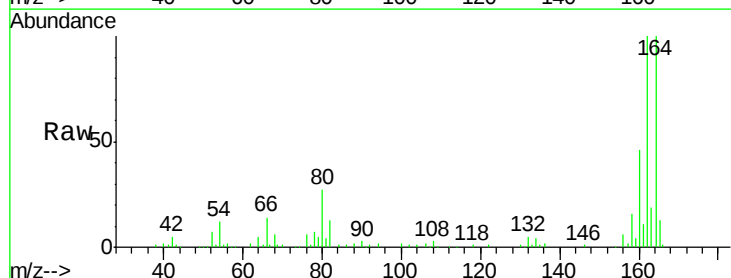


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

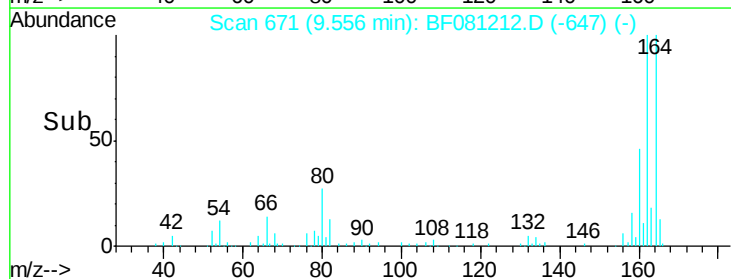
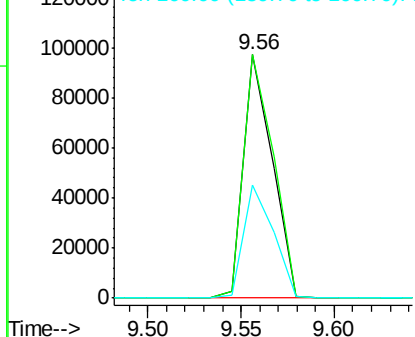


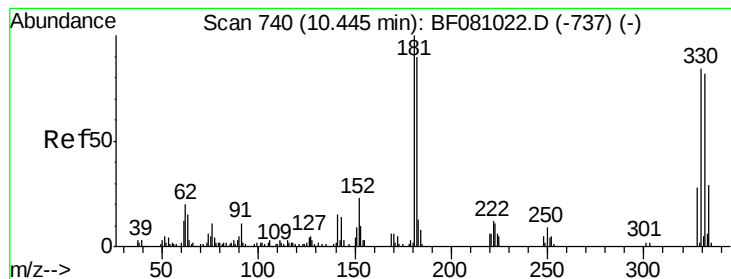
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

Tgt Ion: 164 Resp: 104423
 Ion Ratio Lower Upper
 164 100
 162 99.9 83.8 125.8
 160 46.4 39.8 59.8



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: 19.82 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Instrument :

BNA_F

ClientSampleId :

P004-BF001-01

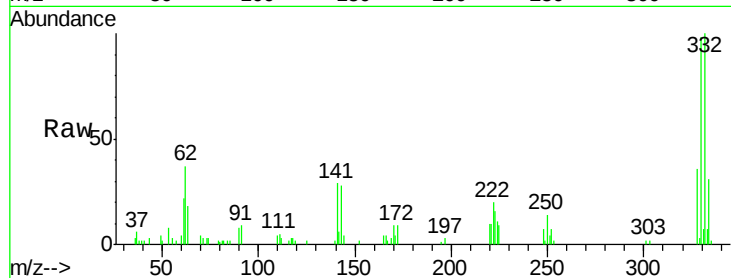
Tgt Ion:330 Resp: 17941

Ion Ratio Lower Upper

330 100

332 100.6 77.3 115.9

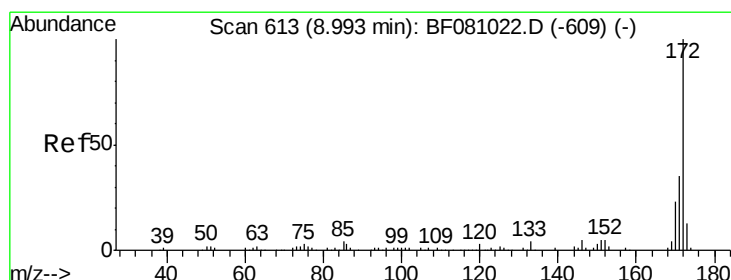
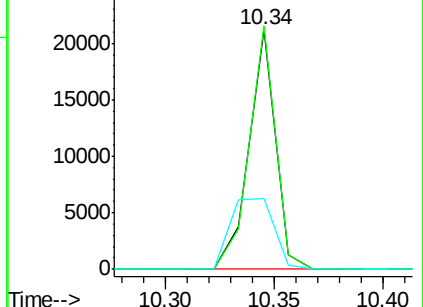
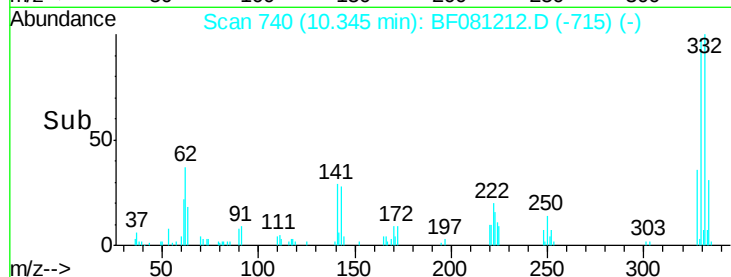
141 48.5 44.9 67.3



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: 16.95 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

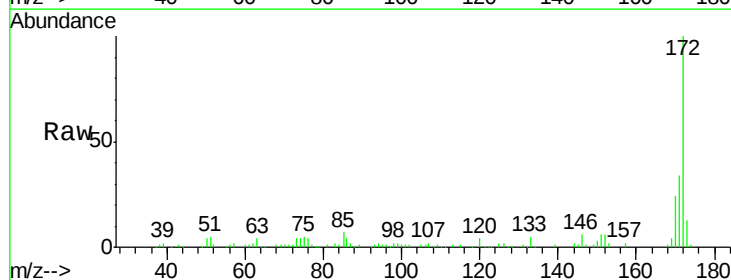
Tgt Ion:172 Resp: 135054

Ion Ratio Lower Upper

172 100

171 34.1 28.9 43.3

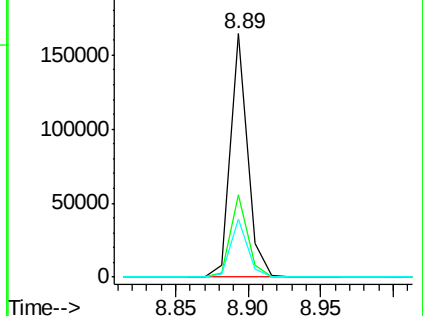
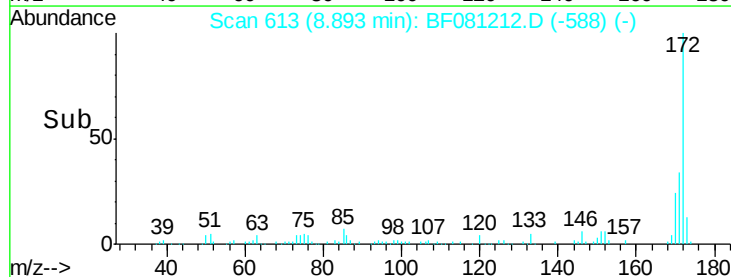
170 23.6 19.4 29.2

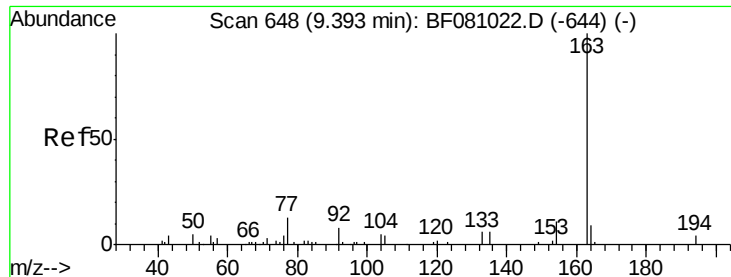


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Instrument :

BNA_F

ClientSampleId :

P004-BF001-01

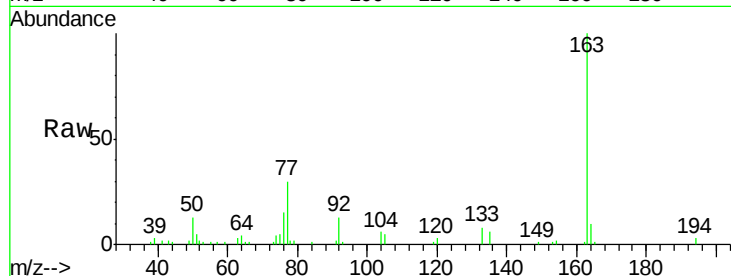
Tgt Ion:163 Resp: 31265

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

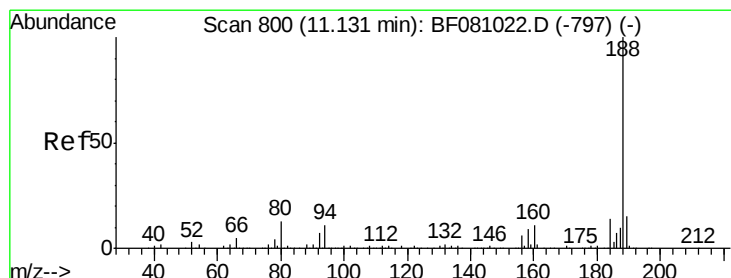
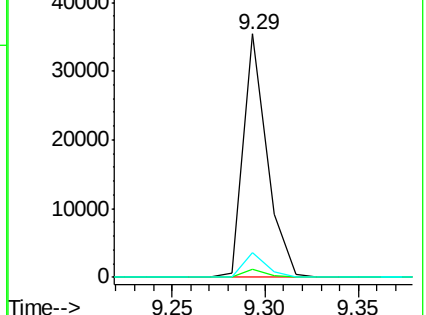
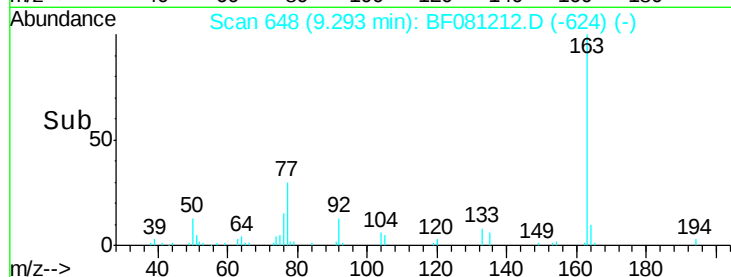
164 10.2 8.1 12.1



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: 11.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

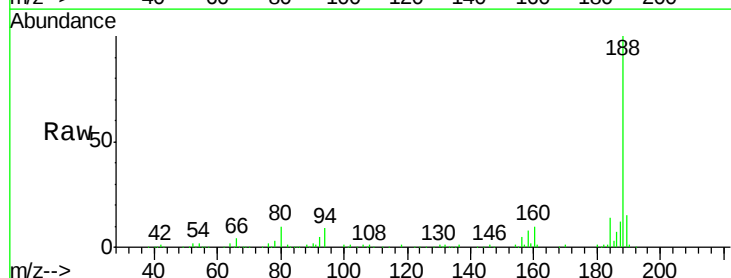
Tgt Ion:188 Resp: 193538

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

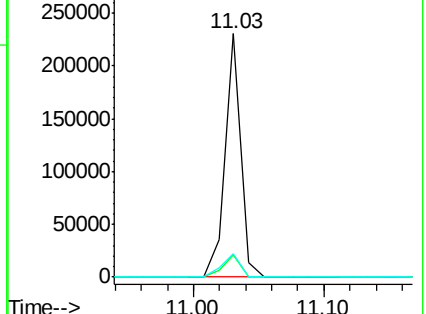
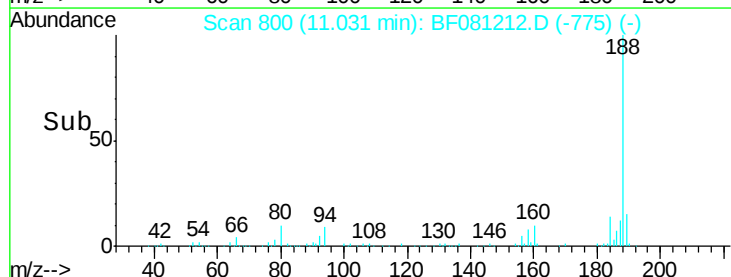
80 9.5 9.5 14.3#

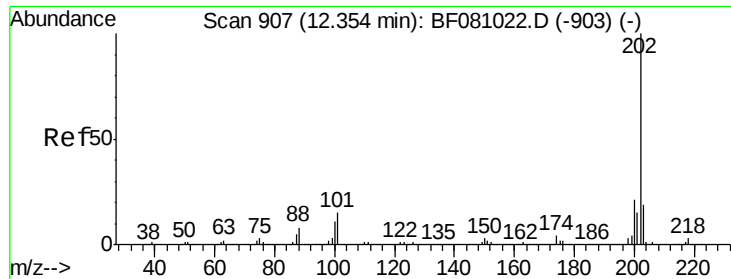


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.61 ng

RT: 12.23 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

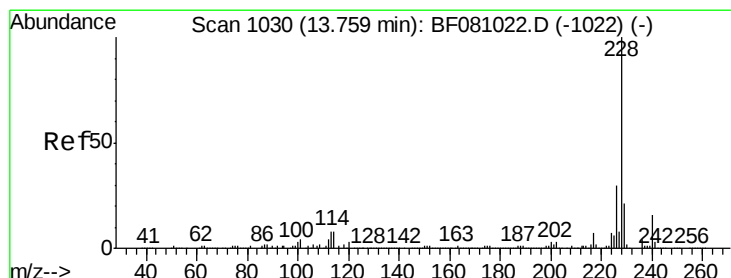
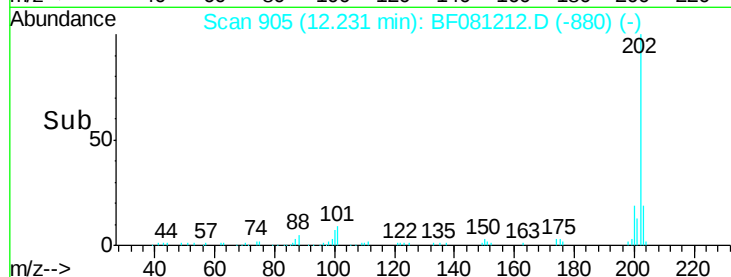
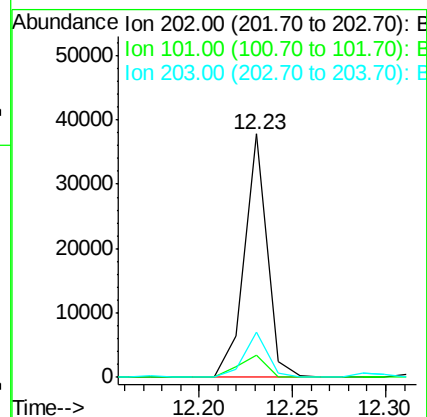
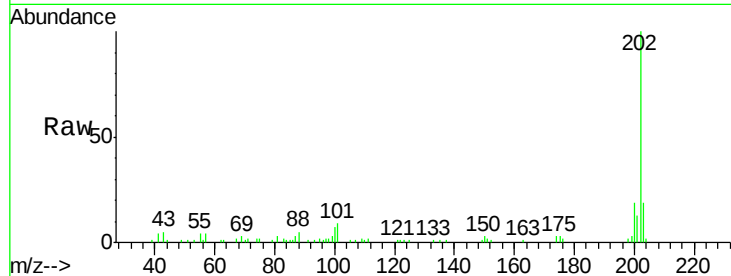
Instrument :

BNA_F

ClientSampleId :

P004-BF001-01

Tgt Ion:	202	Resp:	32351
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	24.8
203	18.5	0.0	36.9



#75

Chrysene-d12

Concen: 20.00 ng

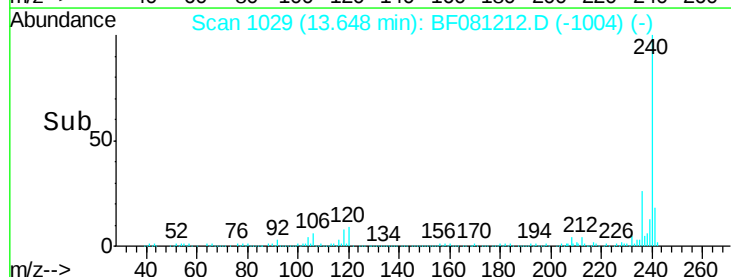
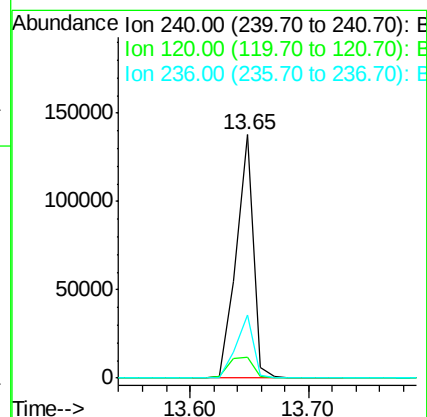
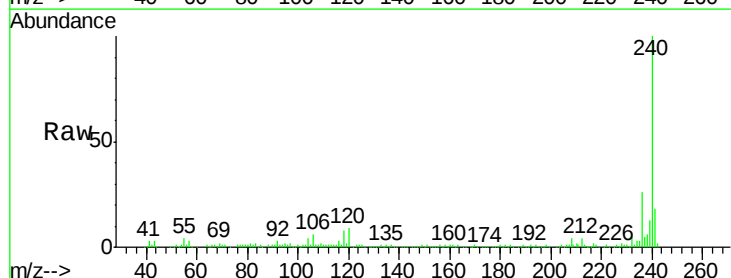
RT: 13.65 min Scan# 1029

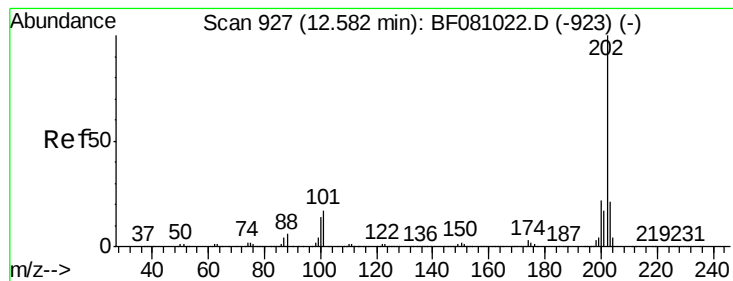
Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Tgt Ion:	240	Resp:	138088
Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.6	8.4#
236	26.0	20.6	30.8





#77

Pyrene

Concen: 2.49 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Instrument :

BNA_F

ClientSampleId :

P004-BF001-01

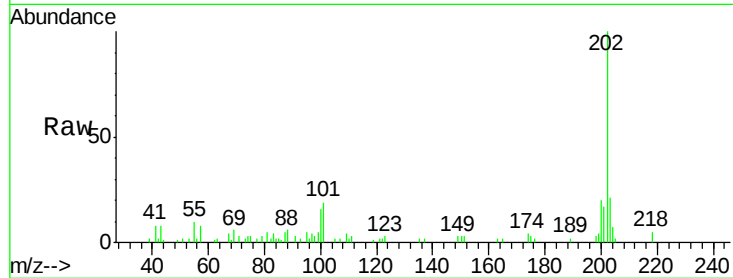
Tgt Ion:202 Resp: 27976

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

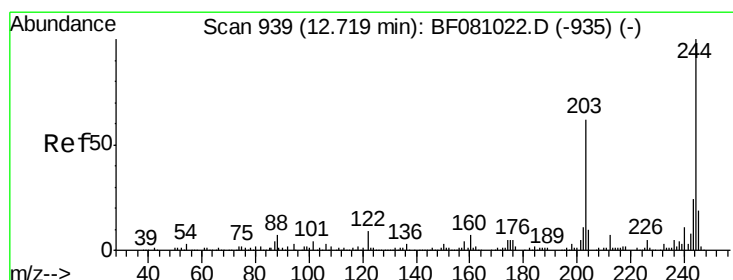
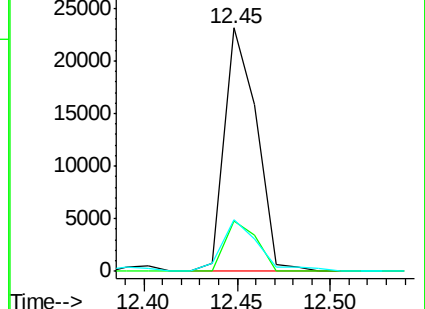
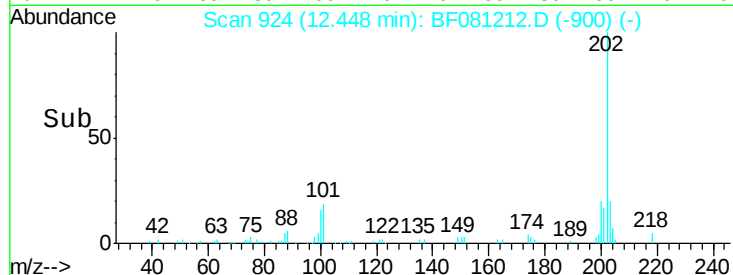
203 21.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 12.85 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

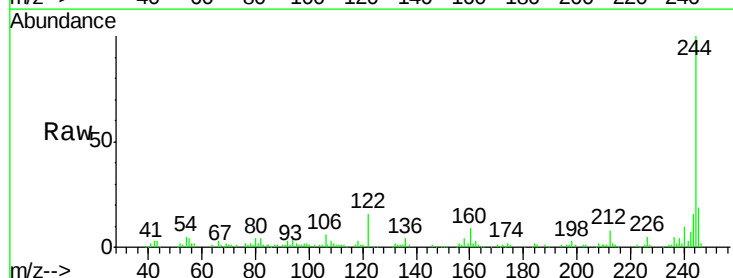
Tgt Ion:244 Resp: 82782

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

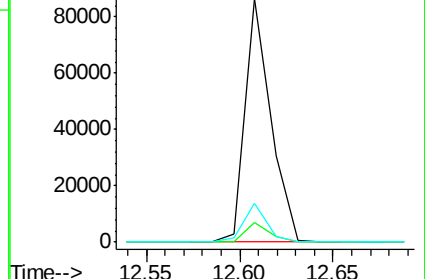
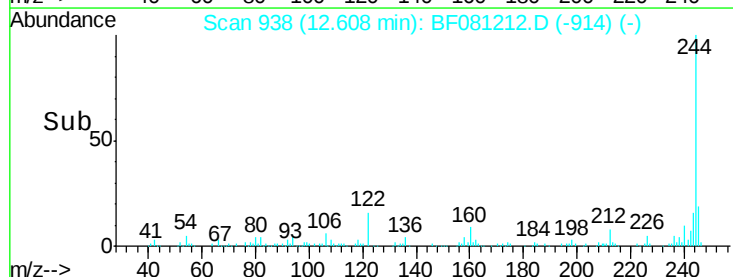
122 15.9 8.2 12.4#

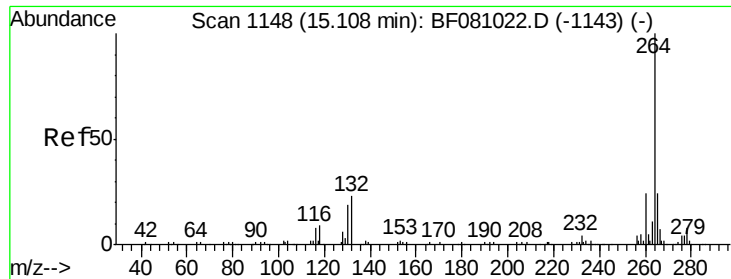


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

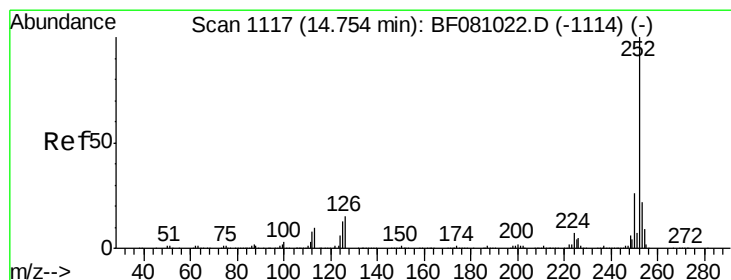
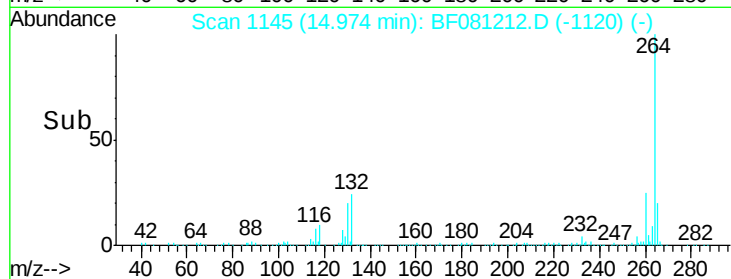
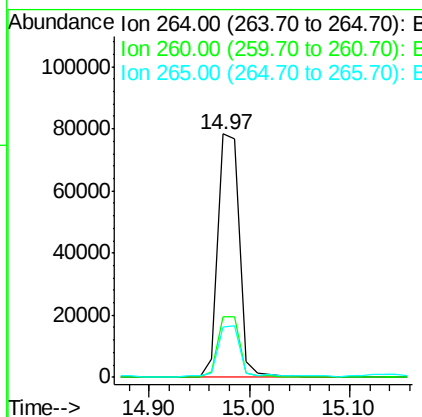
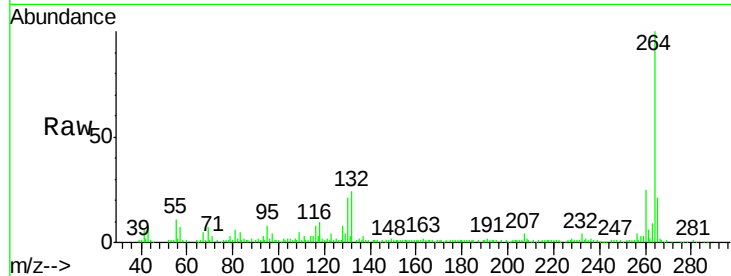




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF081212.D
Acq: 25 Aug 2015 22:10

Instrument :
BNA_F
ClientSampleId :
P004-BF001-01

Tgt Ion: 264 Resp: 116323
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 20.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.51 ng m
RT: 14.63 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF081212.D
Acq: 25 Aug 2015 22:10

Tgt Ion: 252 Resp: 20653
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 19.2 8.0 12.0#

