

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082219.D
 Acq On : 12 Oct 2015 13:49
 Operator : UM/IZ
 Sample : G3974-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP222-41-41.5

Quant Time: Oct 13 02:06:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

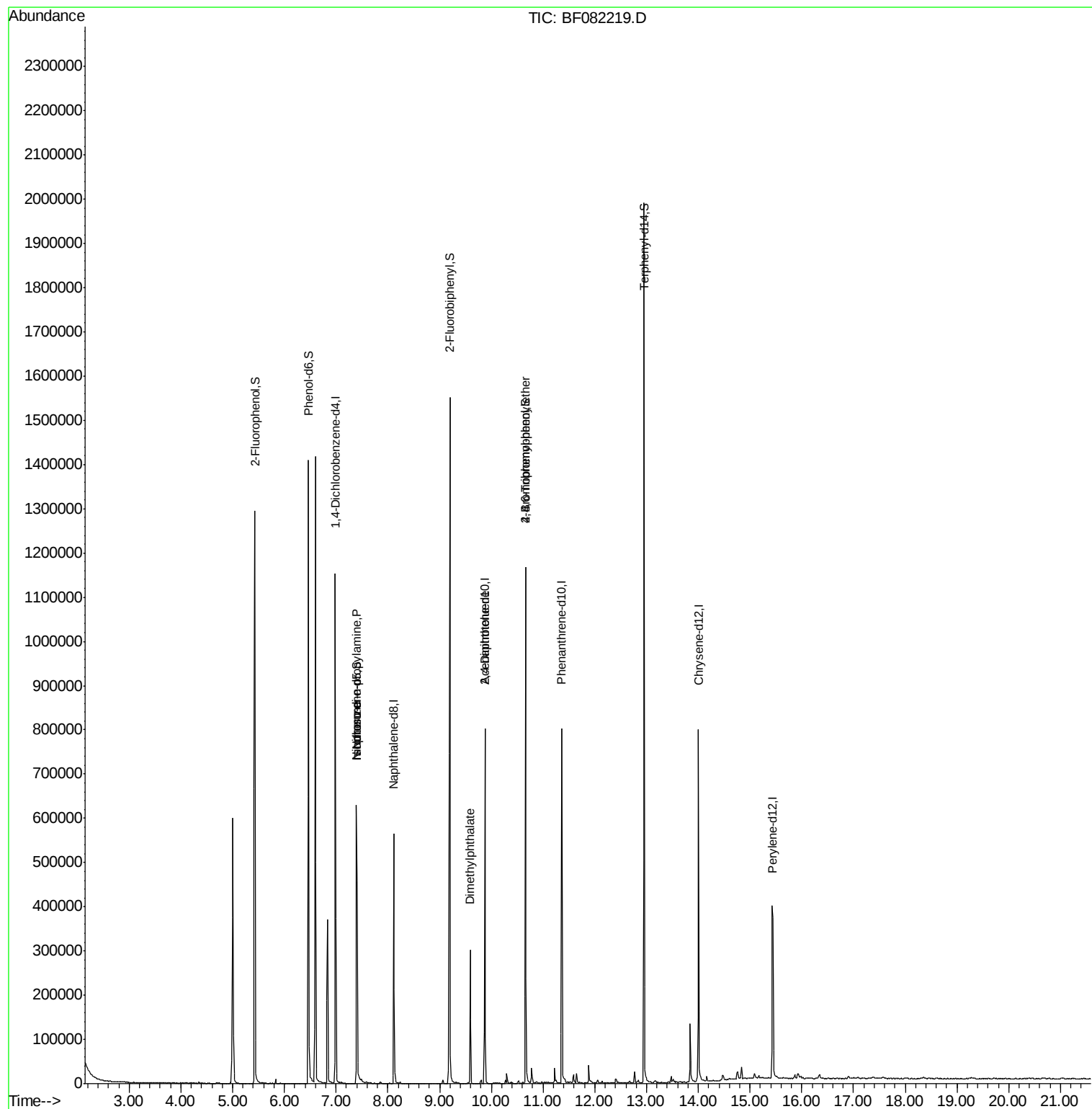
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	194058	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	300716	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	158759	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	319445	20.00	ng	0.00
75) Chrysene-d12	14.00	240	325135	20.00	ng	-0.01
86) Perylene-d12	15.44	264	247275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	428114	44.52	ng	0.01
7) Phenol-d6	6.47	99	570679	45.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	306987	68.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	141526	95.06	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	607905	63.50	ng	0.00
78) Terphenyl-d14	12.95	244	674758	54.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	39241	4.47	ng	# 83
25) Isophorone	7.39	82	296366	32.79	ng	# 66
49) Dimethylphthalate	9.59	163	153909	13.77	ng	99
56) 2,4-Dinitrotoluene	9.87	165	19816	6.72	ng	# 22
66) 4-Bromophenyl-phenylether	10.66	248	9697	3.03	ng	# 1

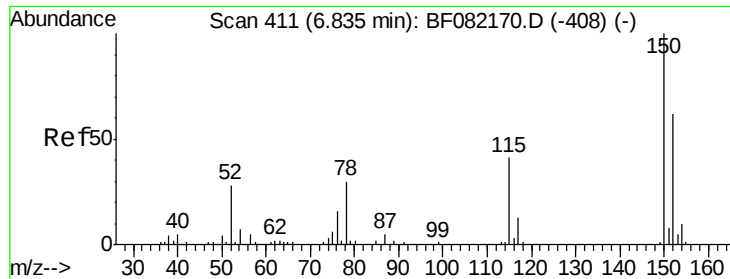
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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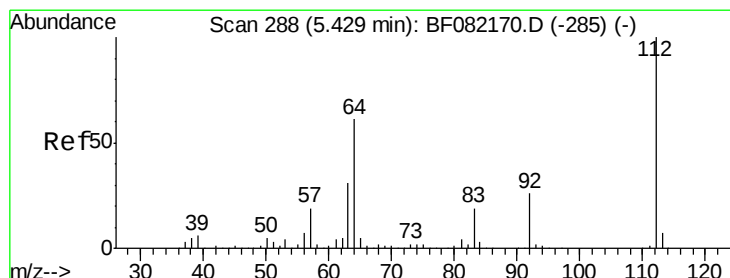
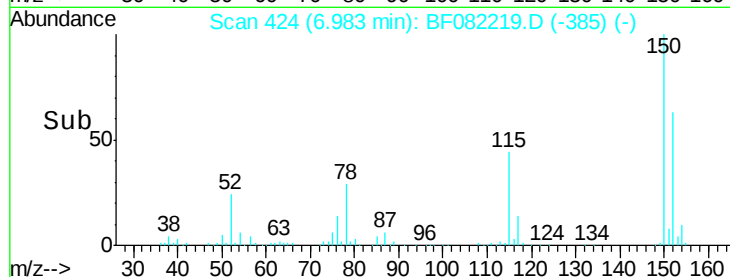
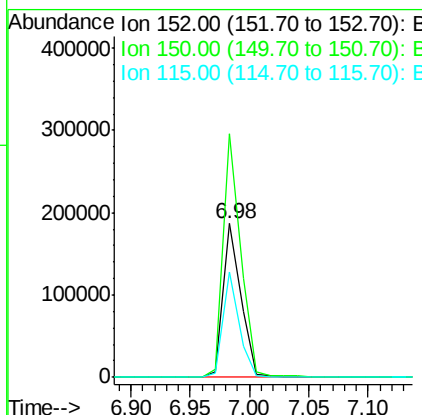
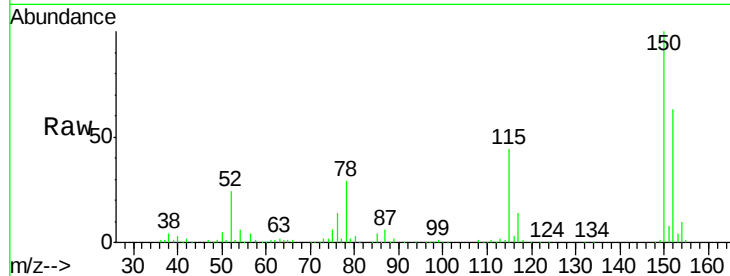


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 424
 Delta R.T. 0.15 min
 Lab File: BF082219.D
 Acq: 12 Oct 2015 13:49

Instrument :
 BNA_F
 ClientSampleId :
 MGP222-41-41.5

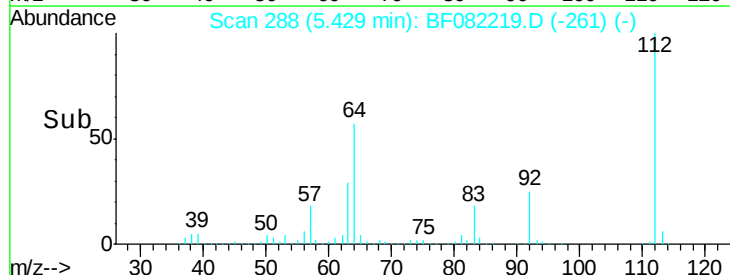
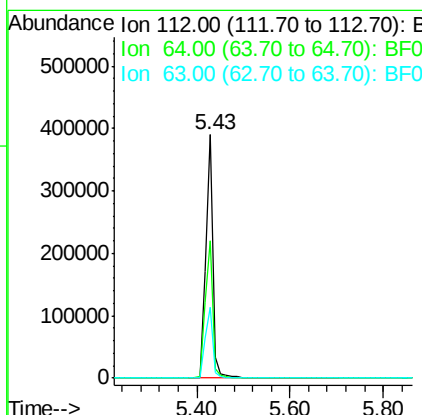
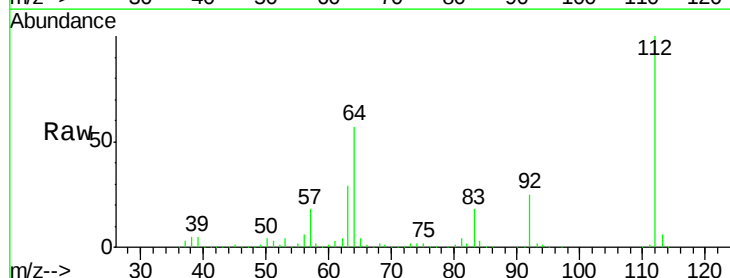
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	129.0	193.4
115	69.0	52.1	78.1



#5

2-Fluorophenol
 Concen: 44.52 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082219.D
 Acq: 12 Oct 2015 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	48.6	73.0
63	29.0	25.1	37.7





#7

Phenol-d6

Concen: 45.61 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082219.D

Acq: 12 Oct 2015 13:49

Instrument :

BNA_F

ClientSampleId :

MGP222-41-41.5

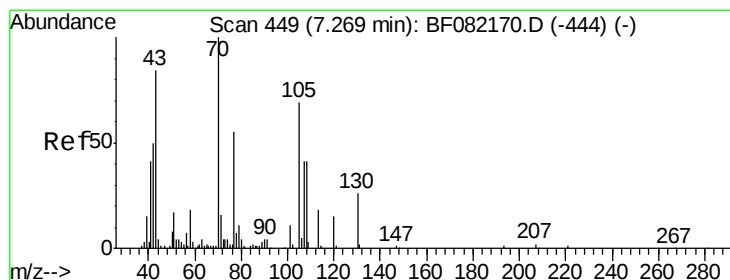
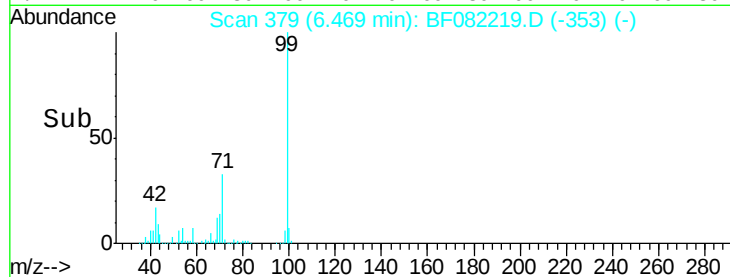
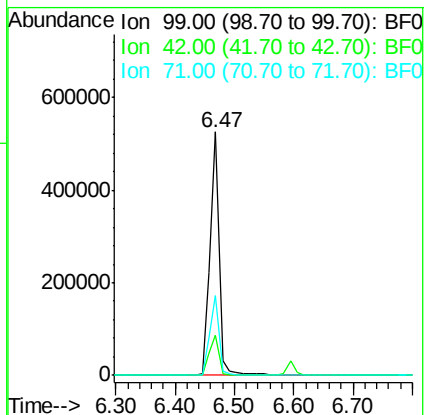
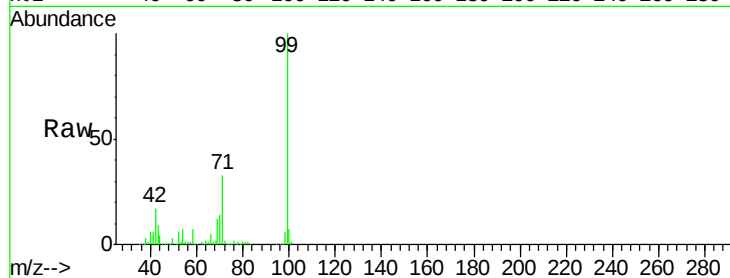
Tot Ion: 99 Resp: 570679

Ion Ratio Lower Upper

99 100

42 16.6 13.2 19.8

71 32.8 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.47 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF082219.D

Acq: 12 Oct 2015 13:49

Tgt Ion: 70 Resp: 39241

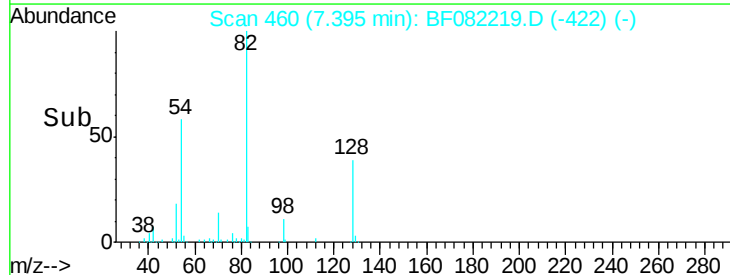
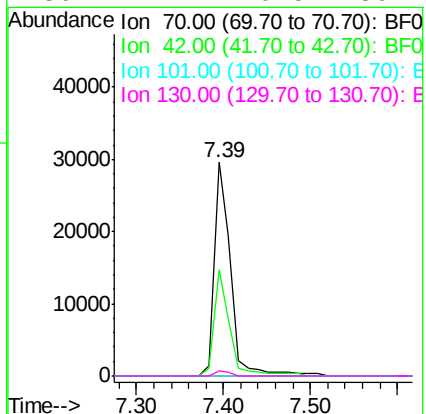
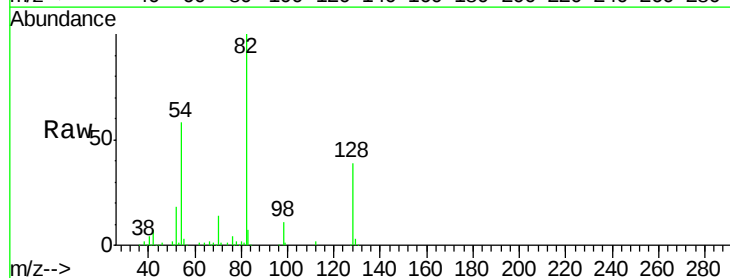
Ion Ratio Lower Upper

70 100

42 49.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

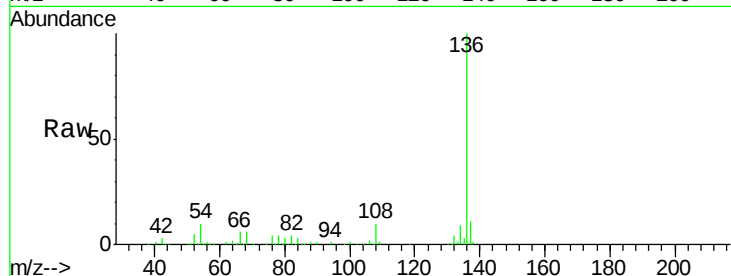




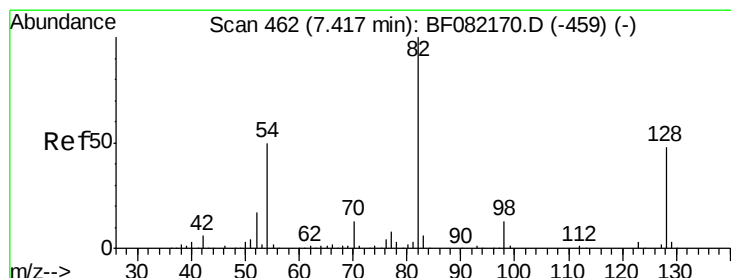
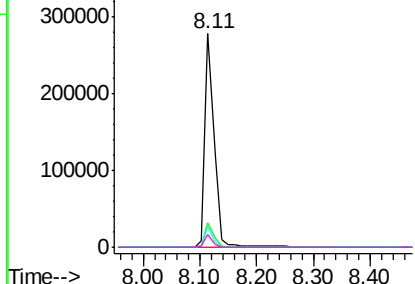
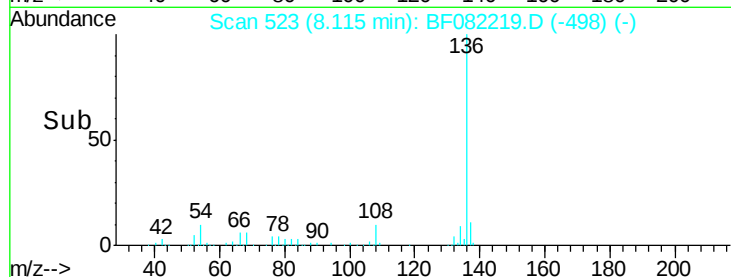
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

Instrument :
BNA_F
ClientSampleId :
MGP222-41-41.5

Tot Ion:136	Resp:	300716
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	9.6	7.5 11.3
68	5.9	4.6 7.0

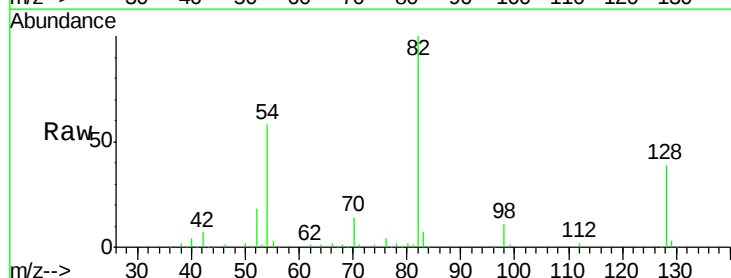


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

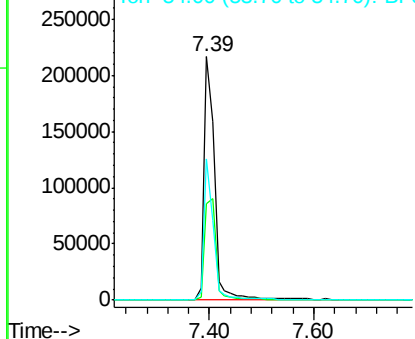
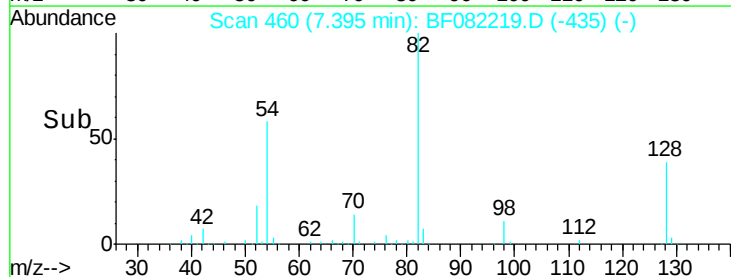


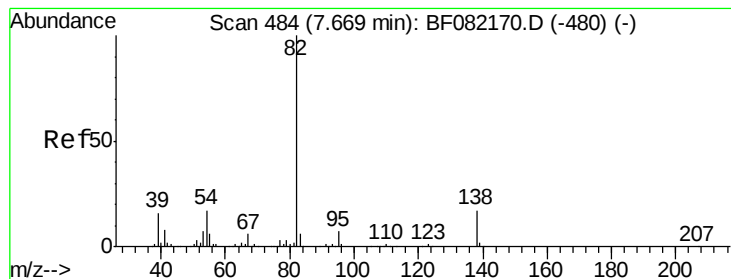
#23
Nitrobenzene-d5
Concen: 68.56 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

Tgt Ion: 82	Resp:	306987
Ion	Ratio	Lower Upper
82	100	
128	39.4	38.7 58.1
54	57.7	40.1 60.1



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





#25

Isophorone

Concen: 32.79 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.27 min

Lab File: BF082219.D

Acq: 12 Oct 2015 13:49

Instrument :

BNA_F

ClientSampleId :

MGP222-41-41.5

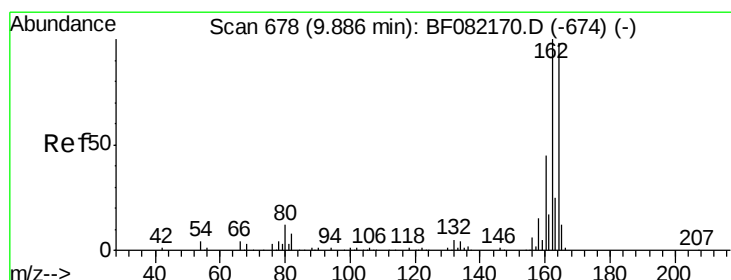
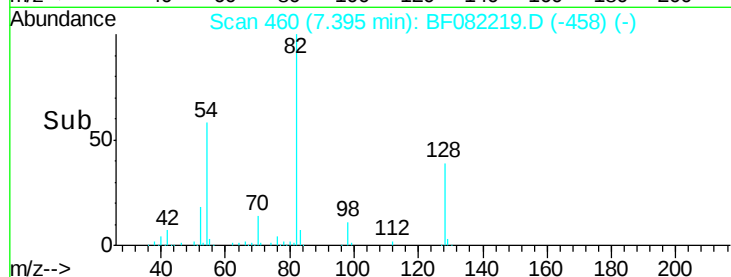
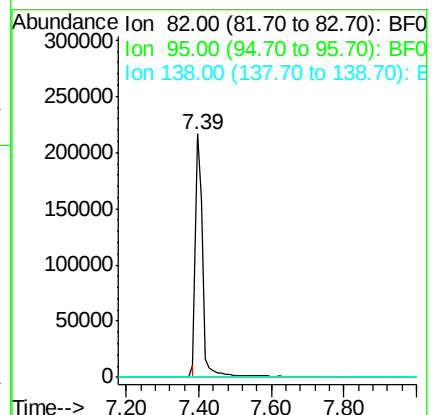
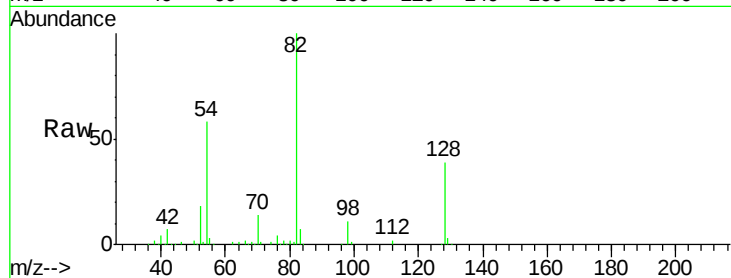
Tot Ion: 82 Resp: 296366

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082219.D

Acq: 12 Oct 2015 13:49

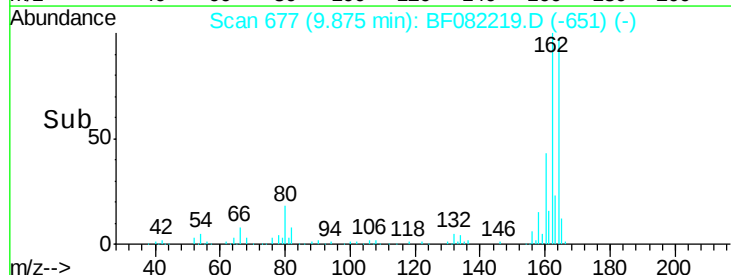
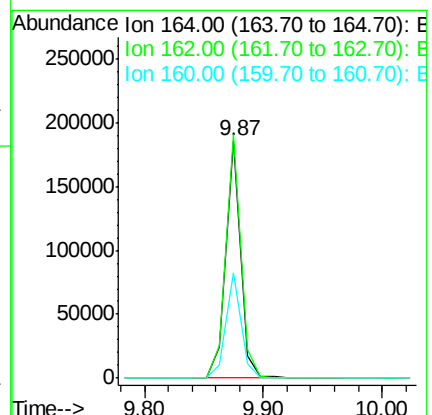
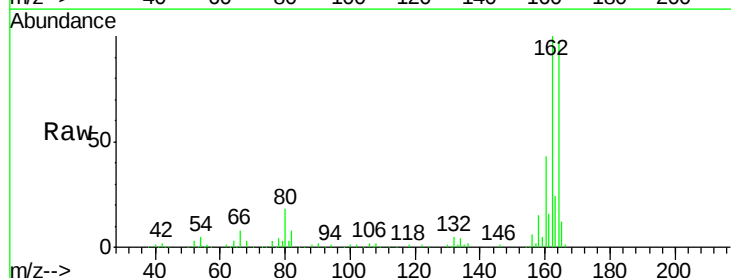
Tgt Ion: 164 Resp: 158759

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

160 44.6 36.4 54.6

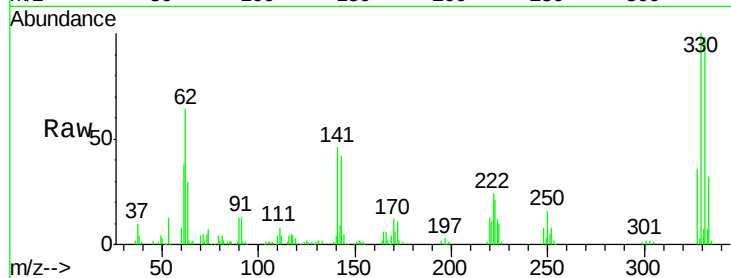




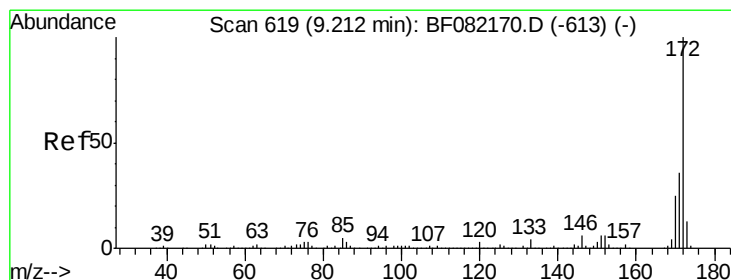
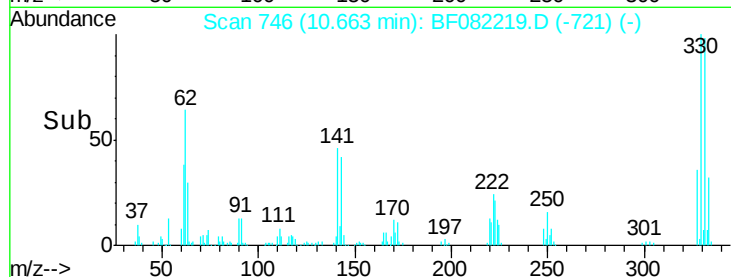
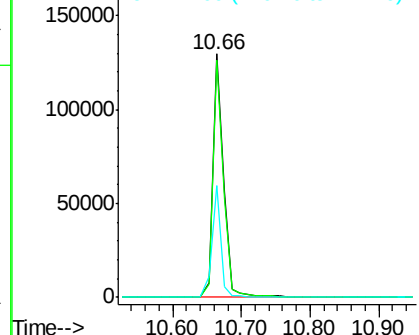
#41
 2,4,6-Tribromophenol
 Concen: 95.06 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082219.D
 Acq: 12 Oct 2015 13:49

Instrument :
 BNA_F
 ClientSampleId :
 MGP222-41-41.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.3	29.8	44.8

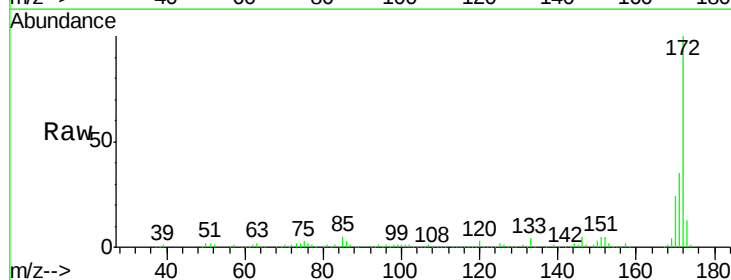


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

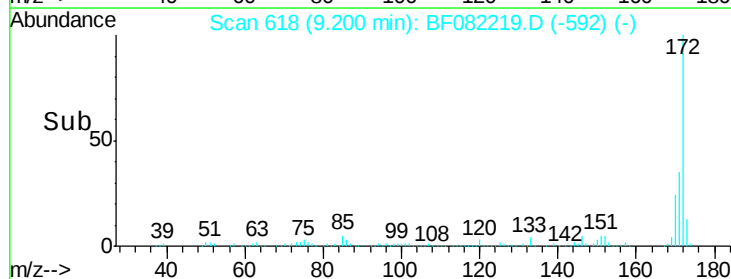
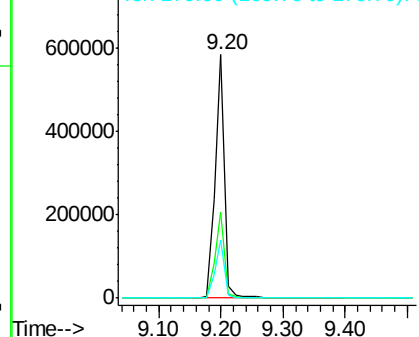


#44
 2-Fluorobiphenyl
 Concen: 63.50 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082219.D
 Acq: 12 Oct 2015 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.7	19.7	29.5



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

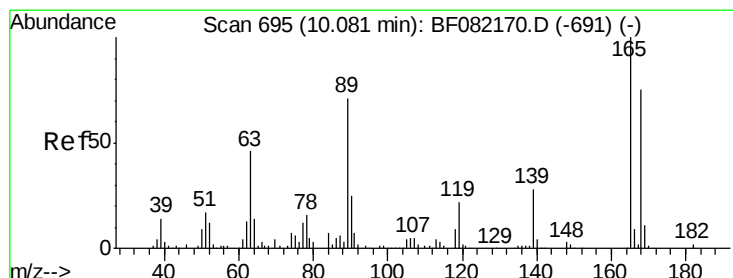
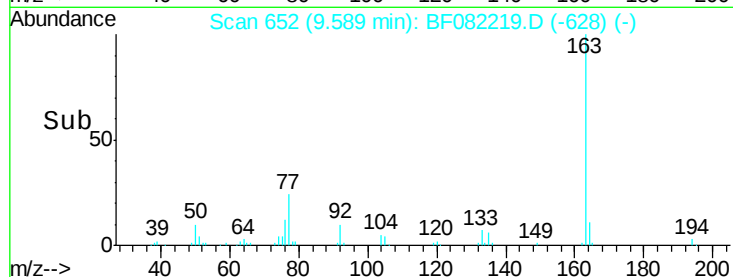
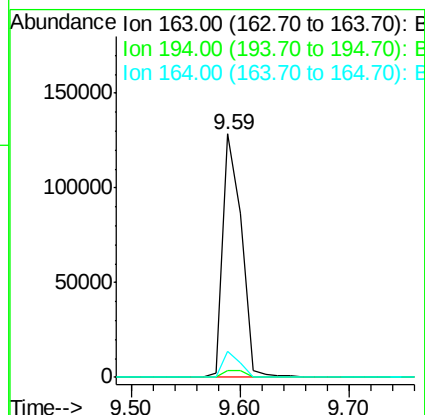
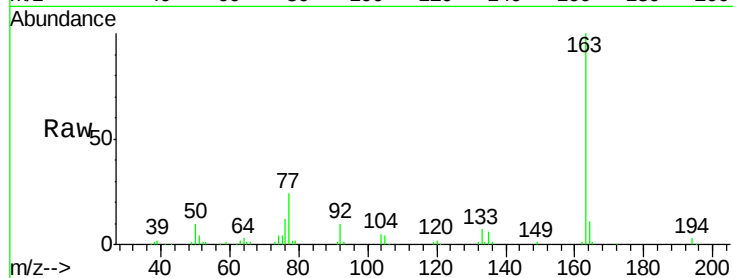




#49
Dimethylphthalate
Concen: 13.77 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

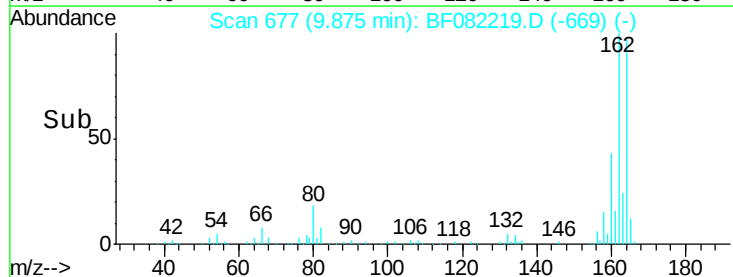
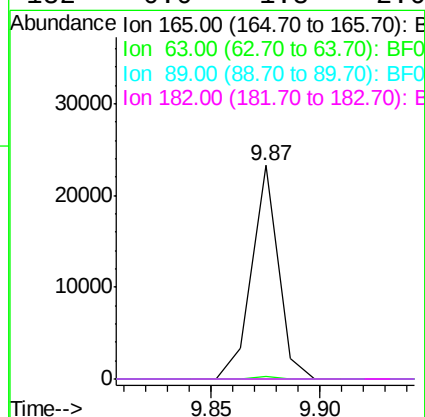
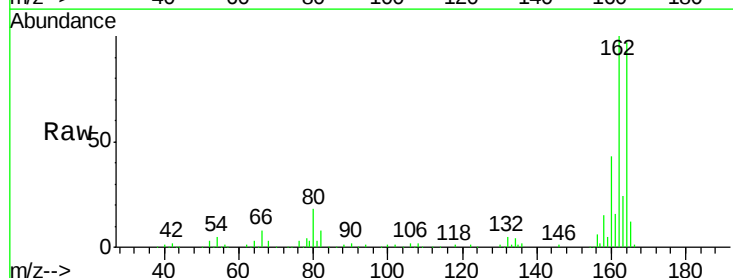
Instrument :
BNA_F
ClientSampleId :
MGP222-41-41.5

Tot Ion:163 Resp: 153909
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.9 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

Tgt Ion:165 Resp: 19816
Ion Ratio Lower Upper
165 100
63 1.3 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#

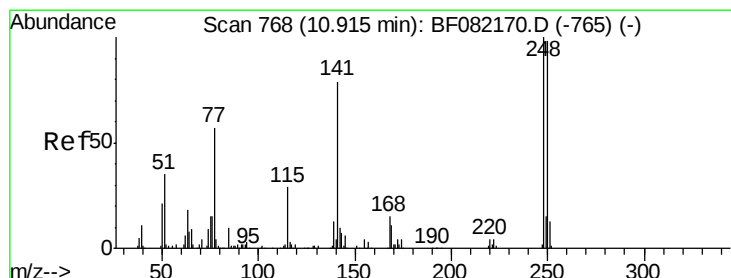
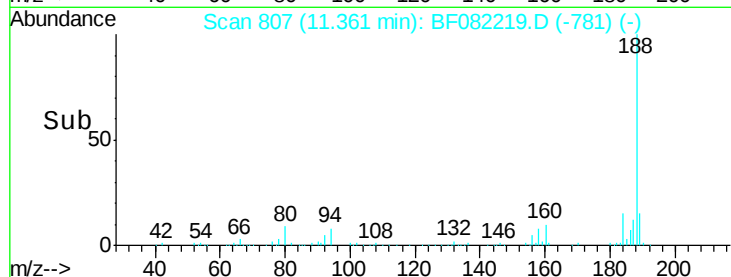
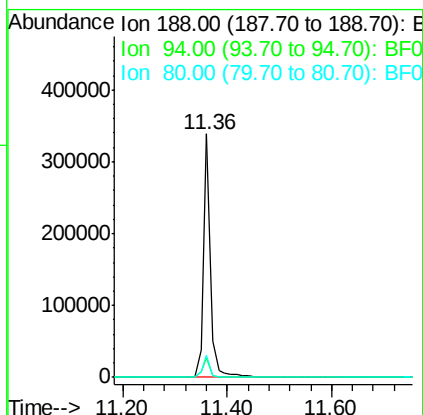
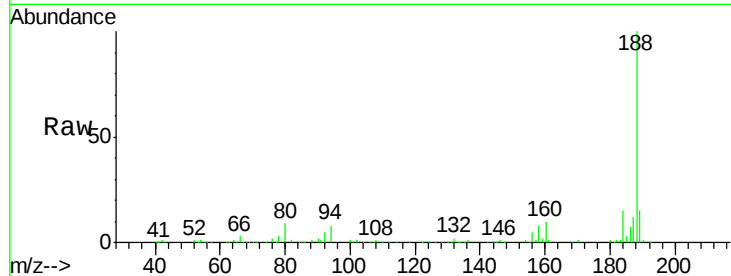




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

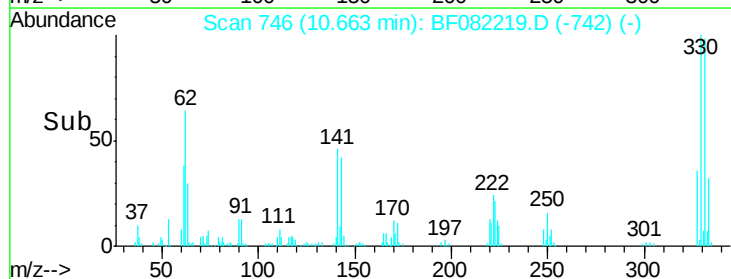
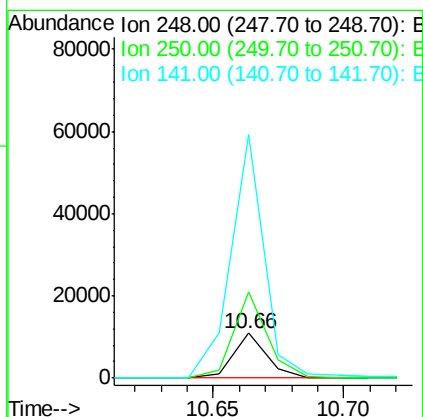
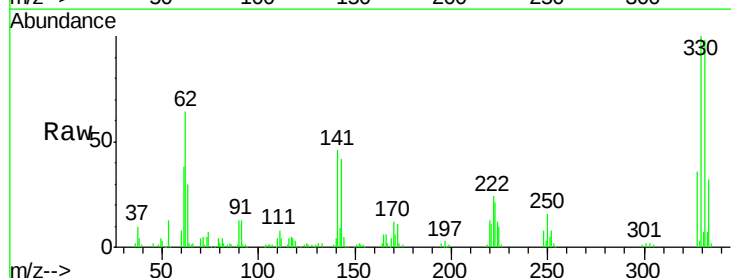
Instrument :
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MGP222-41-41.5

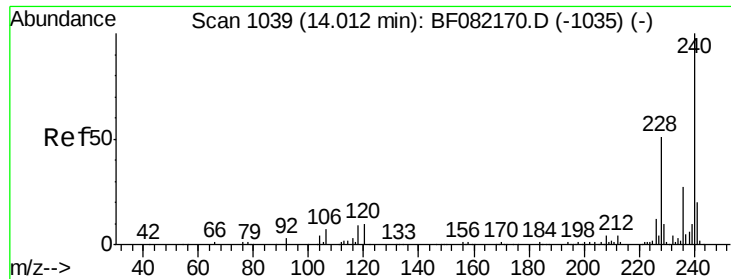
Tot Ion:188 Resp: 319445
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 8.9 6.4 9.6



#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

Tgt Ion:248 Resp: 9697
Ion Ratio Lower Upper
248 100
250 192.0 78.6 117.8#
141 542.8 63.3 94.9#

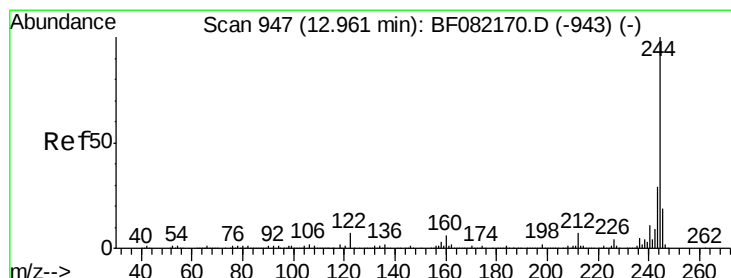
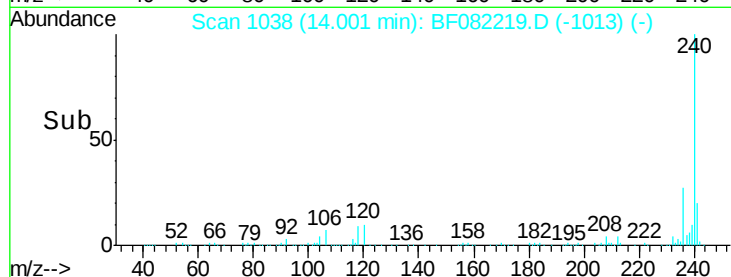
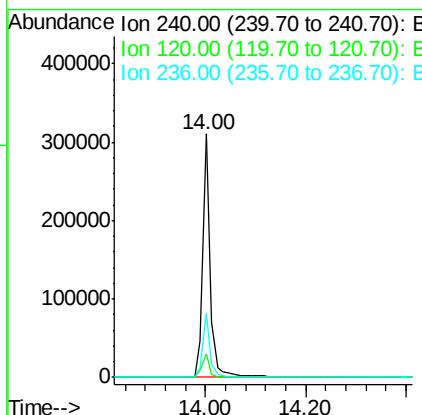
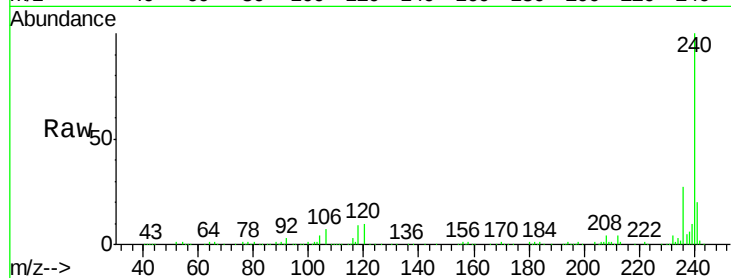




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

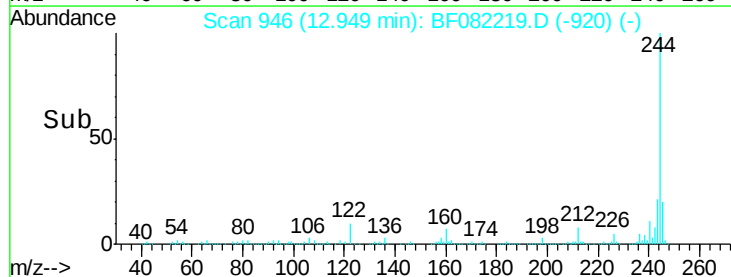
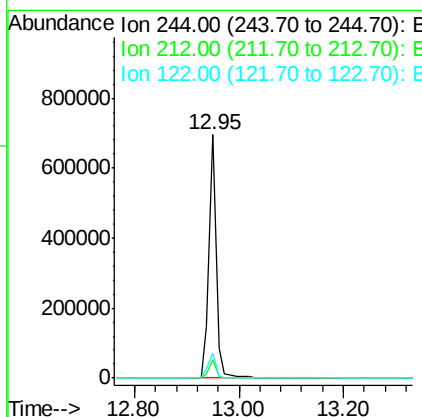
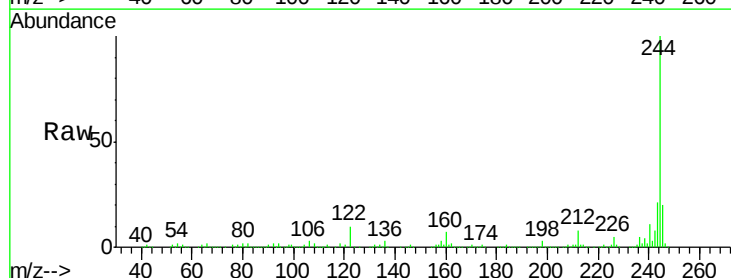
Instrument :
BNA_F
ClientSampleId :
MGP222-41-41.5

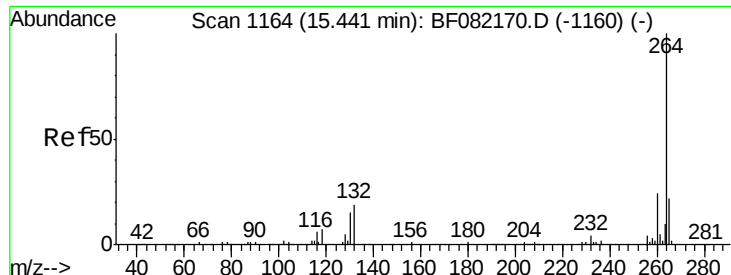
Tot Ion:240 Resp: 325135
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.6 21.3 31.9



#78
Terphenyl-d14
Concen: 54.99 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082219.D
Acq: 12 Oct 2015 13:49

Tgt Ion:244 Resp: 674758
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.0 5.9 8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082219.D
 Acq: 12 Oct 2015 13:49

Instrument :
 BNA_F
 ClientSampleId :
 MGP222-41-41.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.4	17.3	25.9

