

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 :

Quant Time: Aug 26 00:10:06 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

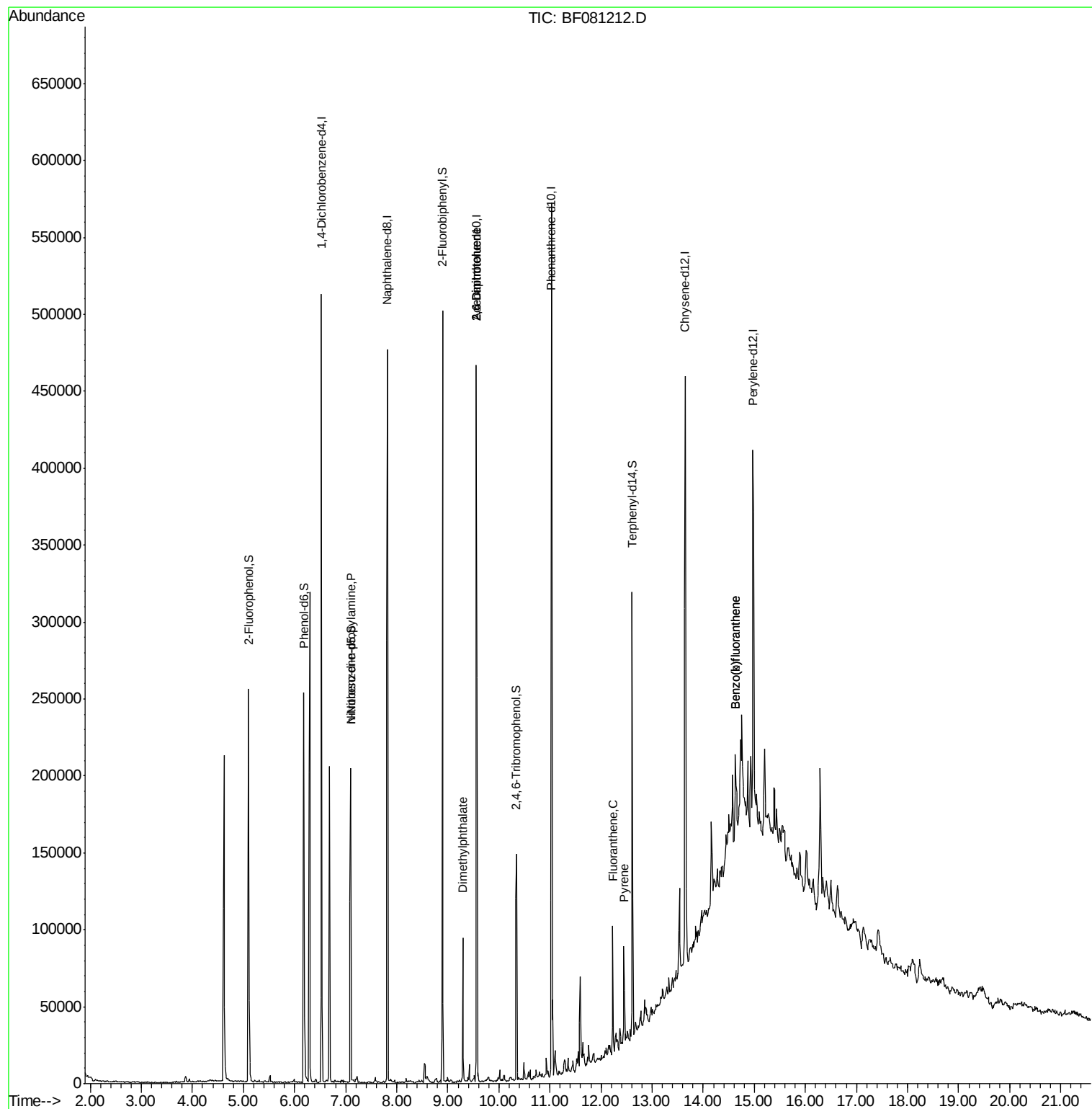
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	66299	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	253584	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	104423	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	193538	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	138088	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						
19) n-Nitroso-di-n-propylamine	7.10	70	9796	2.46	ng	# 67
49) Dimethylphthalate	9.29	163	31265	3.64	ng	100
50) 2,6-Dinitrotoluene	9.56	165	13204	7.15	ng	# 20
56) 2,4-Dinitrotoluene	9.56	165	13204	5.40	ng	# 16
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	28077	3.41	ng	# 90
88) Benzo(k)fluoranthene	14.63	252	28077	3.66	ng	# 93

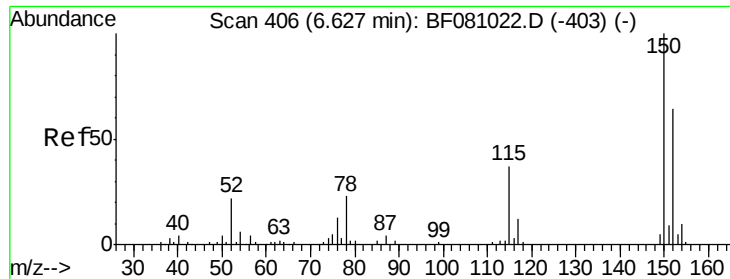
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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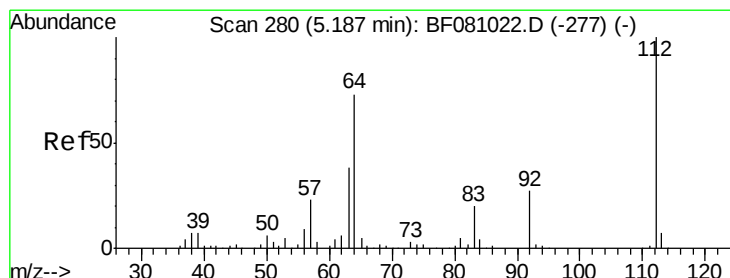
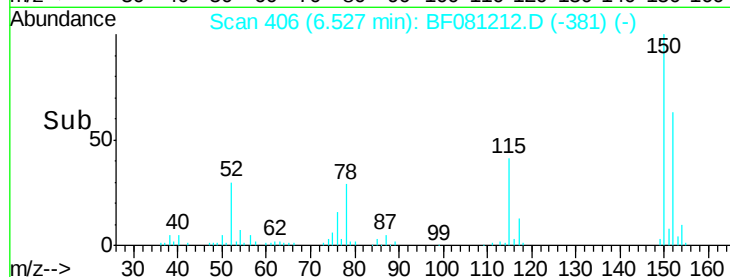
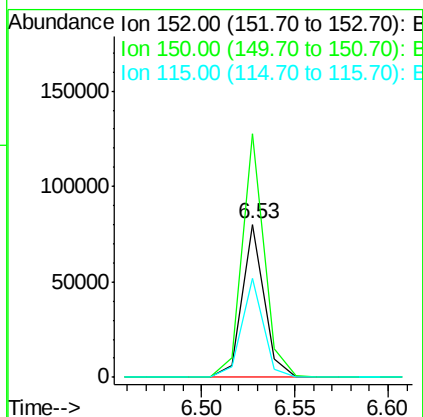
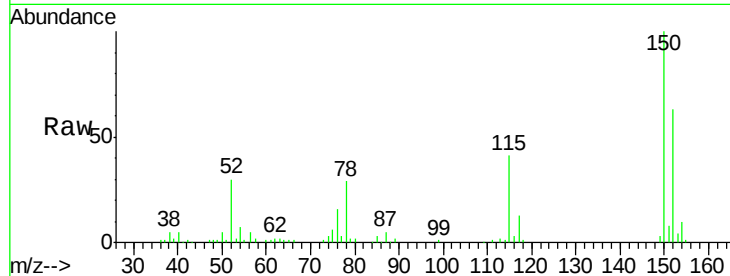


#1

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 :

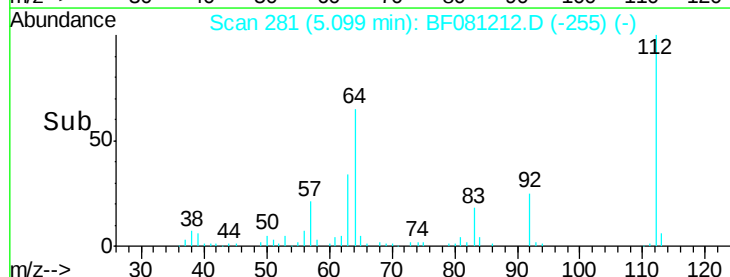
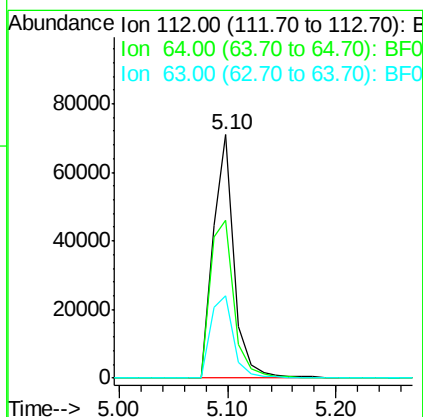
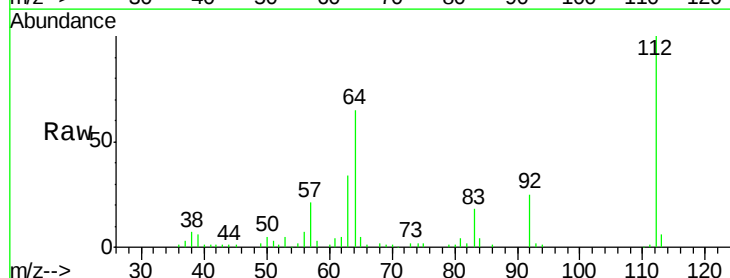
Tot Ion:152 Resp: 66299
Ion Ratio Lower Upper
152 100
150 159.2 123.8 185.6
115 64.6 52.1 78.1



#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#





#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 :

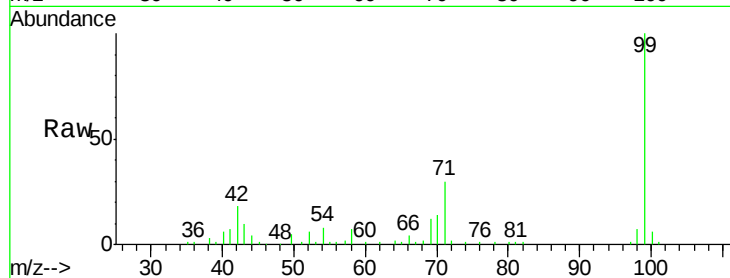
Tot Ion: 99 Resp: 131395

Ion Ratio Lower Upper

99 100

42 17.8 19.6 29.4#

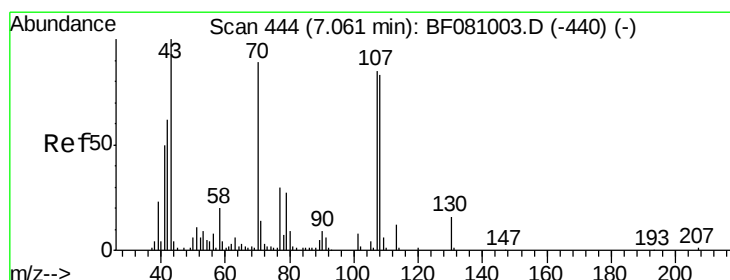
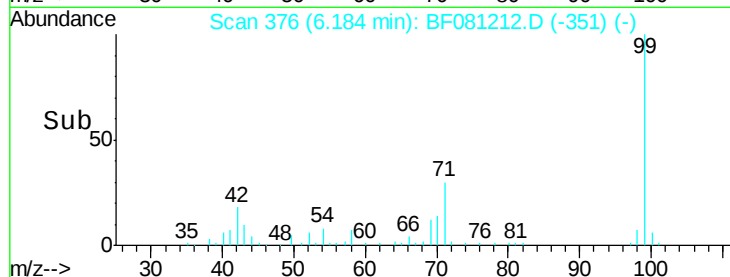
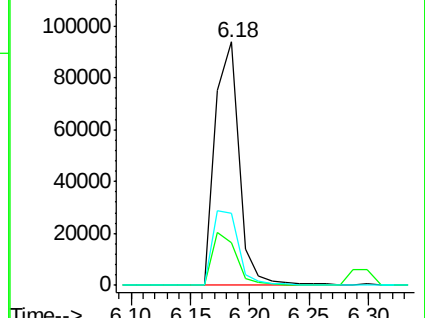
71 29.8 31.2 46.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.46 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Tgt Ion: 70 Resp: 9796

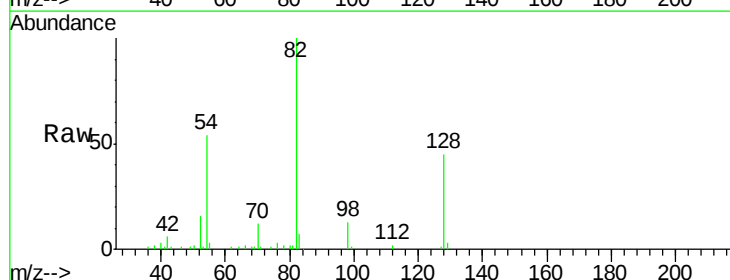
Ion Ratio Lower Upper

70 100

42 52.4 65.0 97.4#

101 0.0 7.4 11.2#

130 0.0 13.0 19.4#

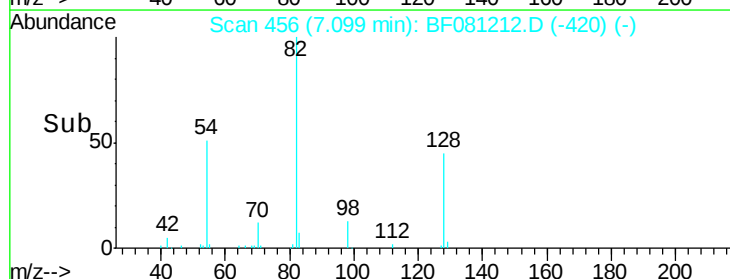
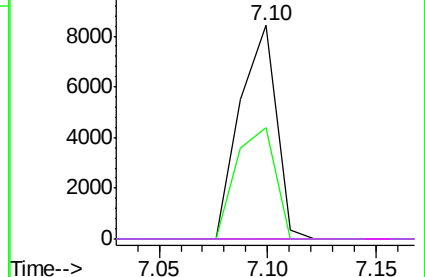


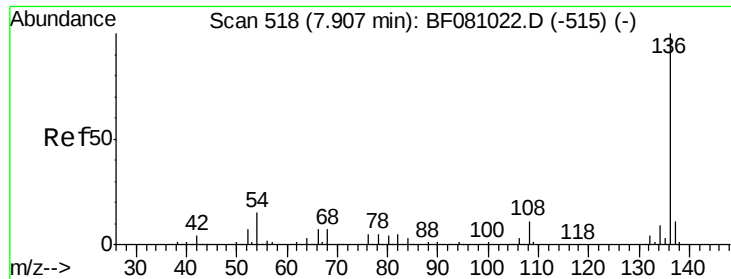
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

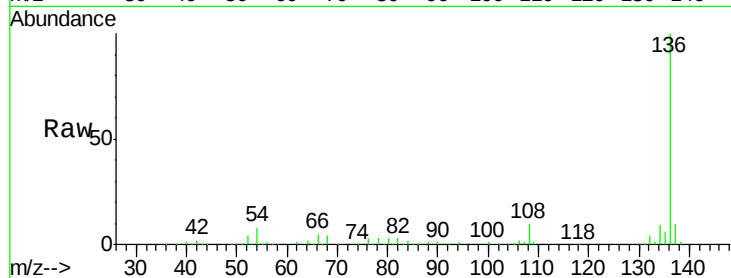




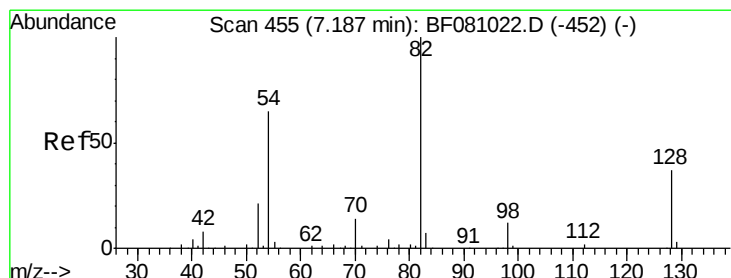
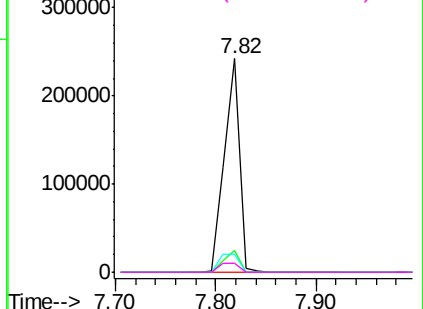
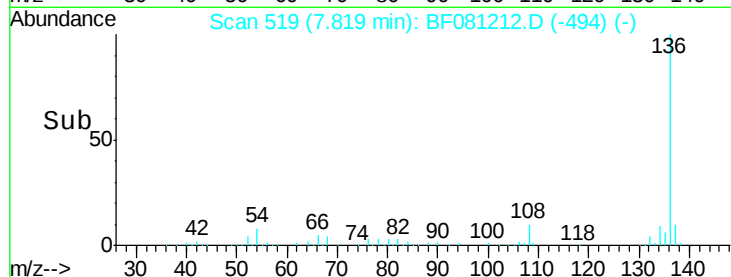
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081212.D
Acq: 25 Aug 2015 22:10

Instrument :
BNA_F
ClientSampleId :

Tot 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

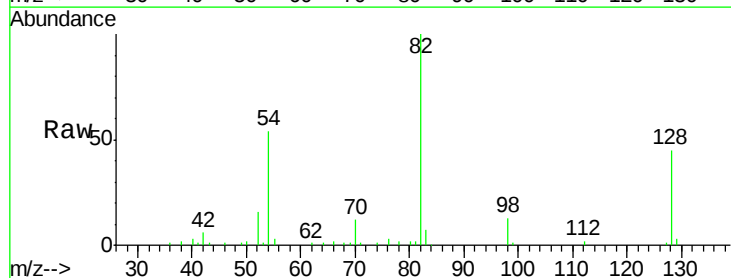


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

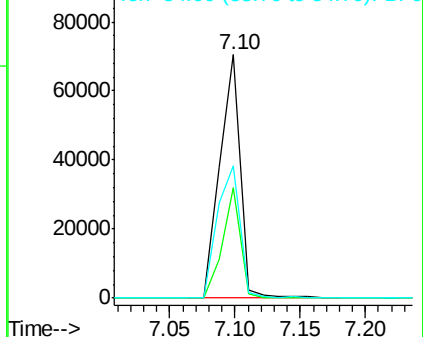
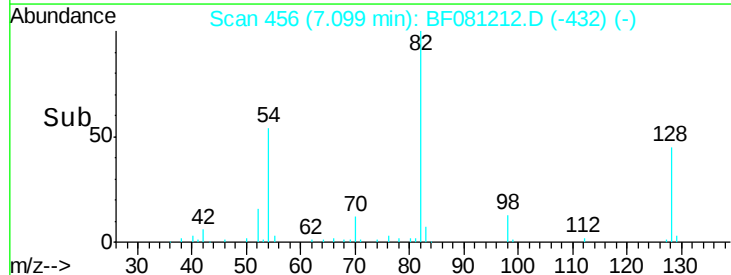


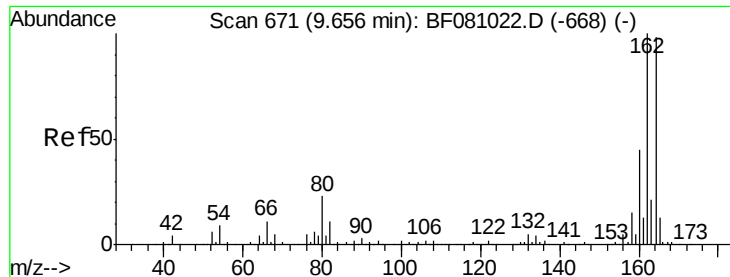
#23
Nitrobenzene-d5
Concen: 13.97 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081212.D
Acq: 25 Aug 2015 22:10

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

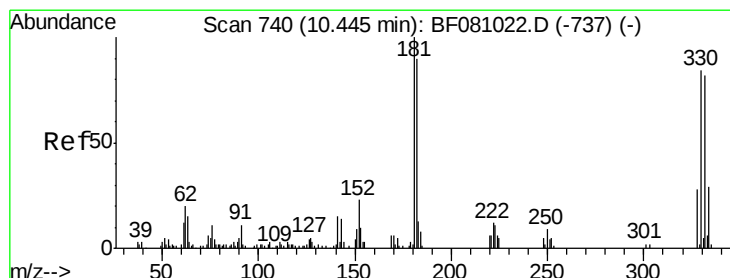
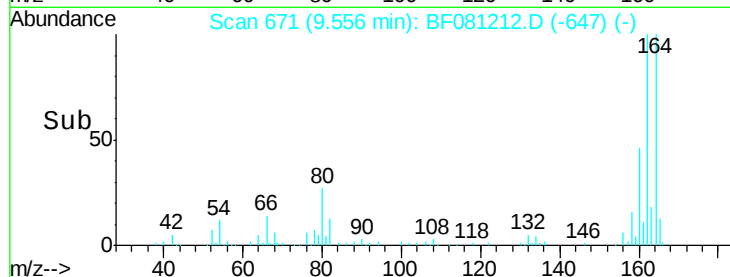
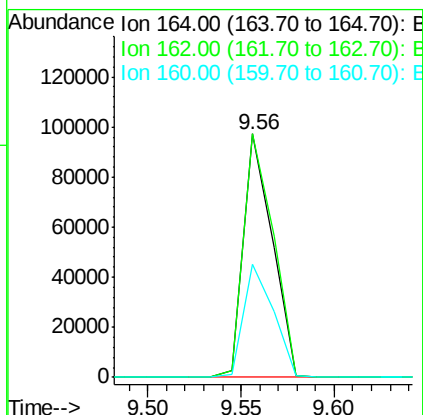
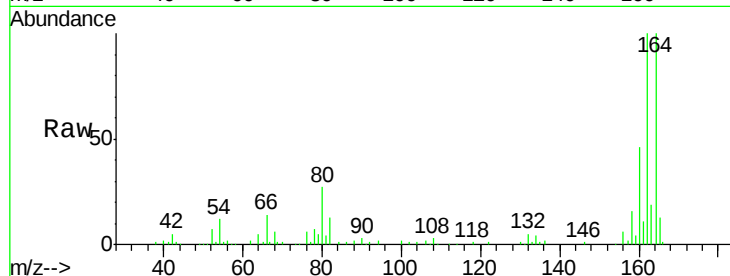




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

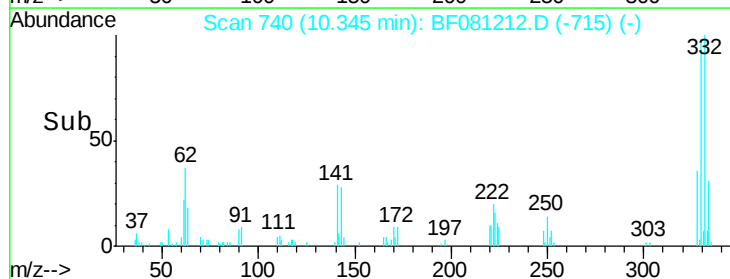
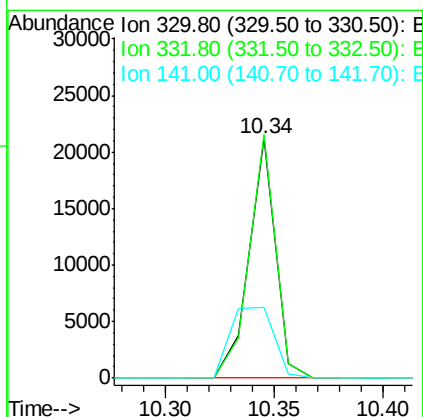
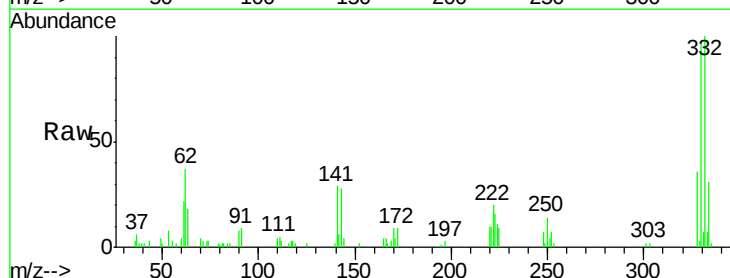
Instrument :
 BNA_F
 ClientSampleId :

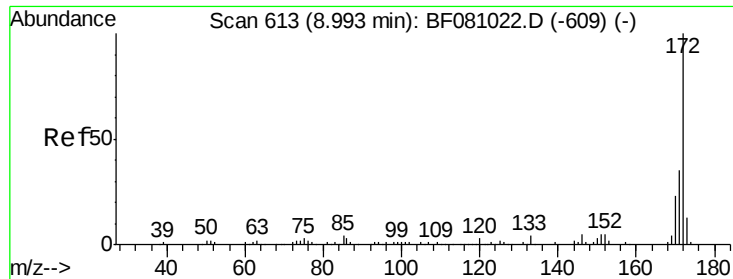
Tot Ion:164 Resp: 104423
 Ion Ratio Lower Upper
 164 100
 162 99.9 83.8 125.8
 160 46.4 39.8 59.8



#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

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

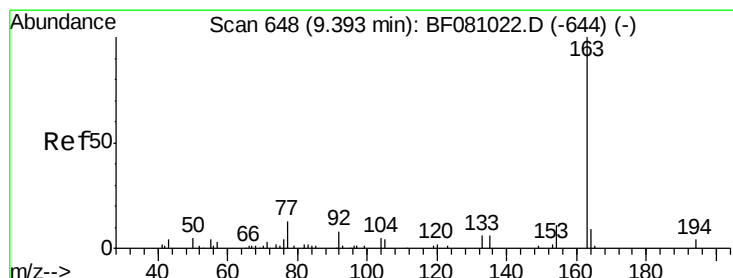
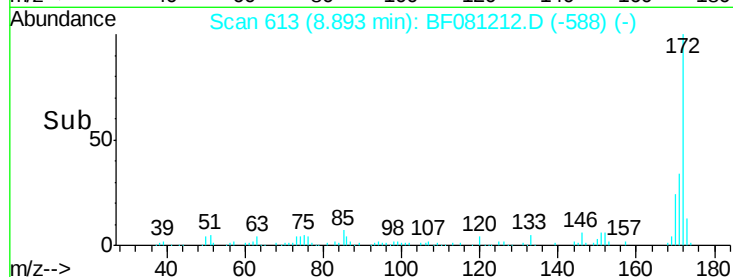
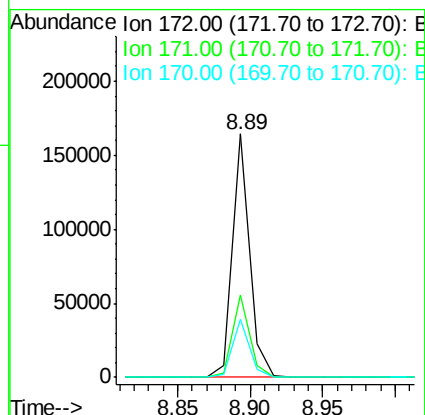
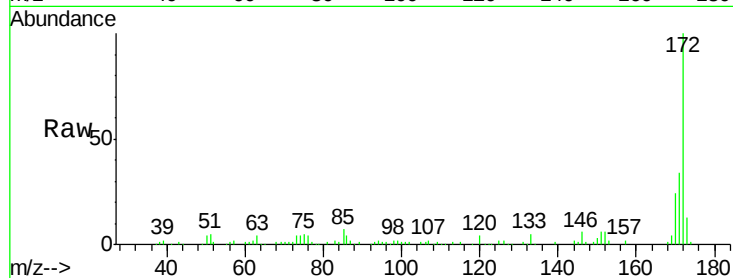




#44
2-Fluorobiphenyl
Concen: 16.95 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF081212.D
Acq: 25 Aug 2015 22:10

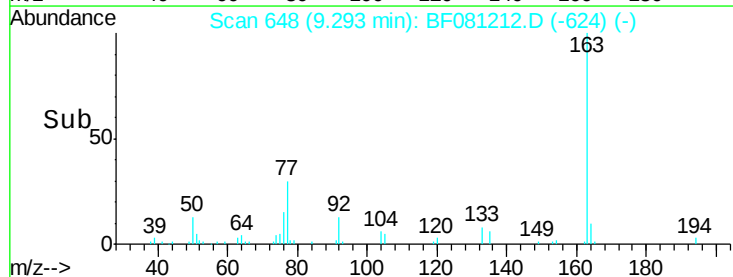
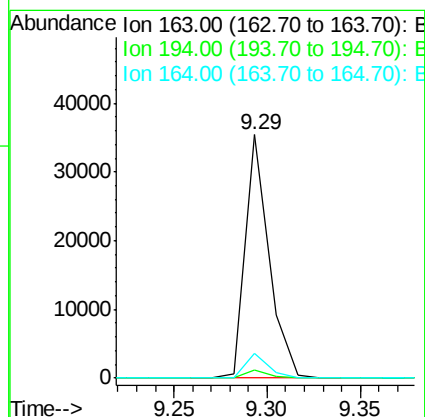
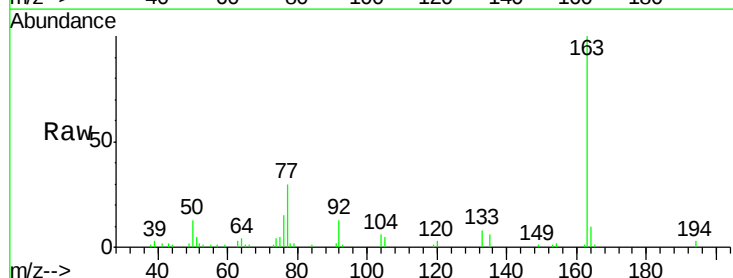
Instrument :
BNA_F
ClientSampleId :

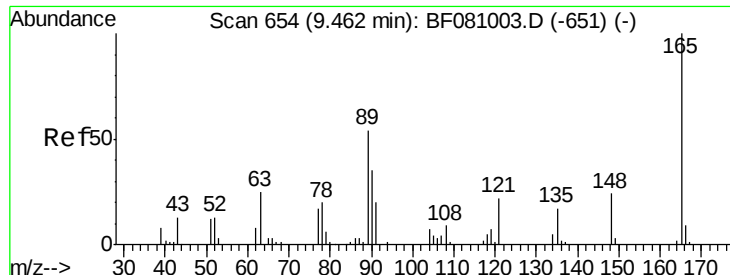
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.9	43.3
170	23.6	19.4	29.2



#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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.5	3.7
164	10.2	8.1	12.1

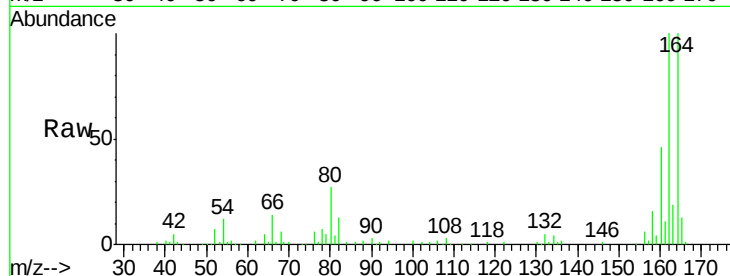




#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.56 min Scan# 671
 Delta R.T. 0.18 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :

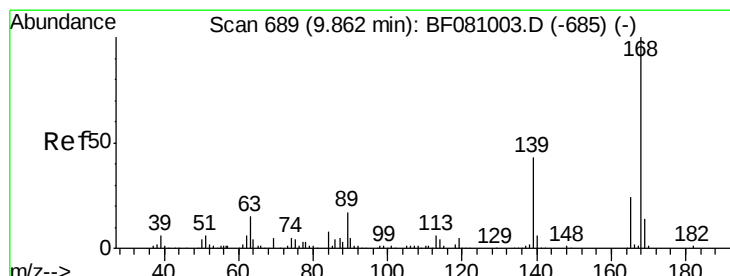
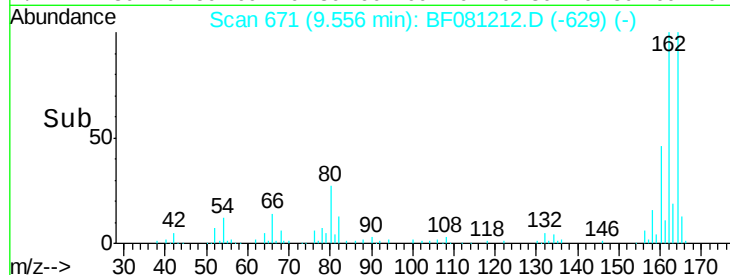
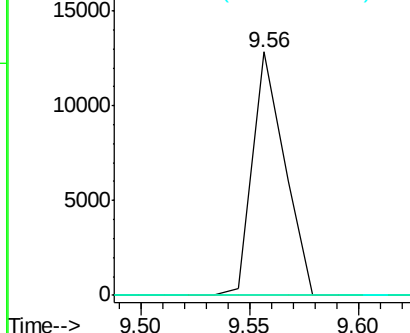
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

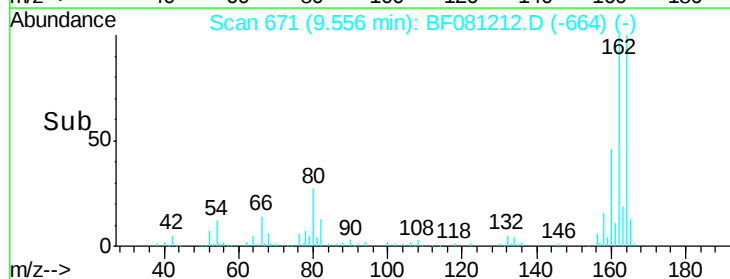
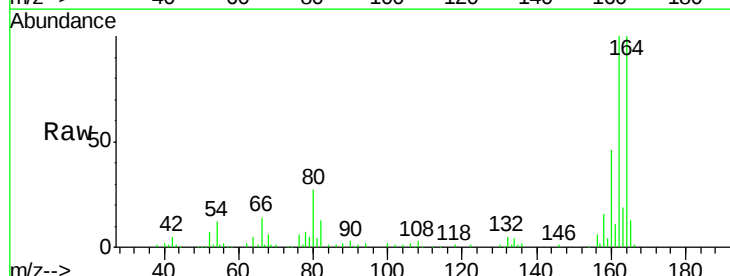
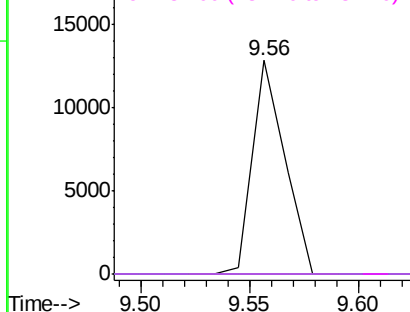
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

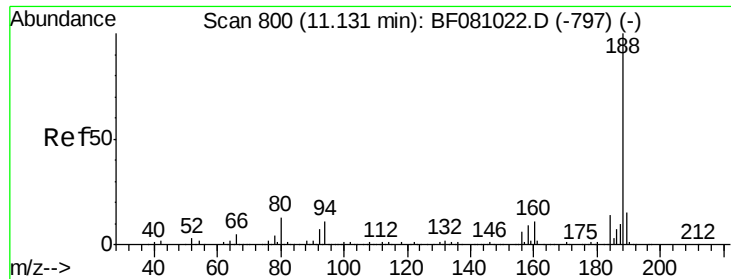
Abundance Ion 165.00 (164.70 to 165.70): E

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

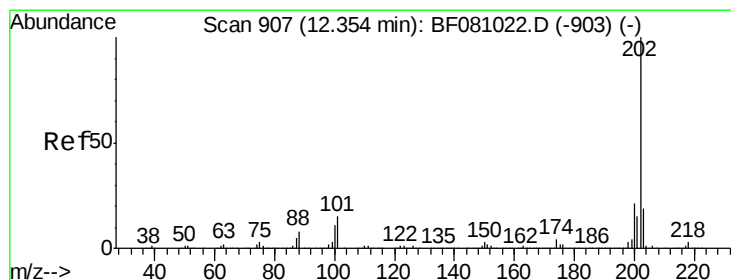
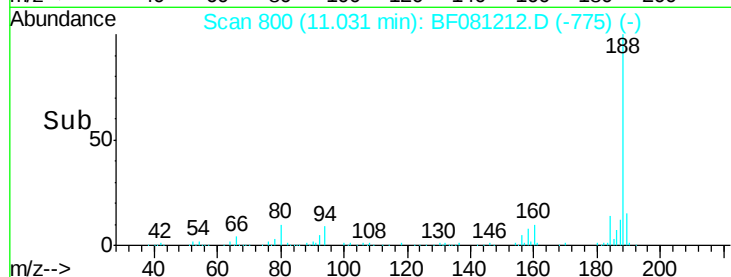
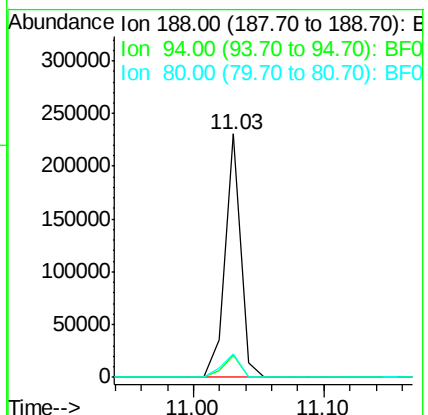
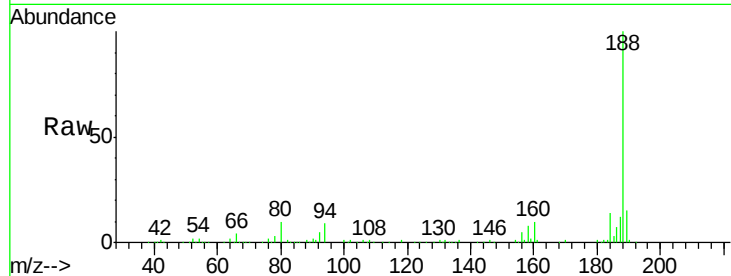




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081212.D
Acq: 25 Aug 2015 22:10

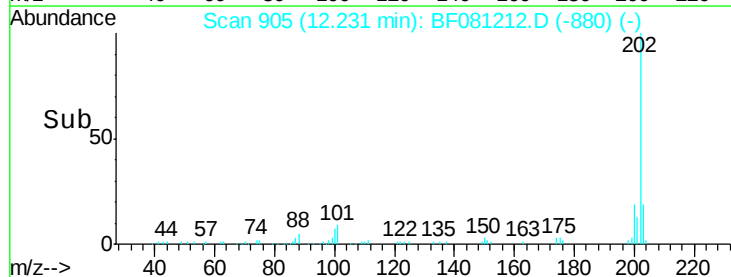
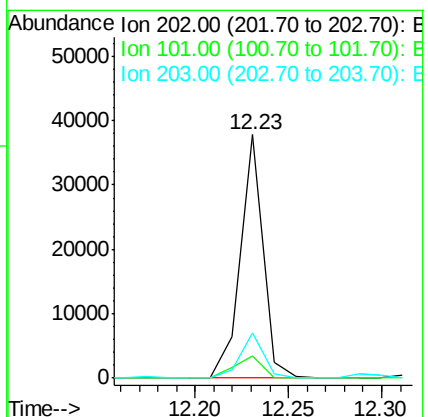
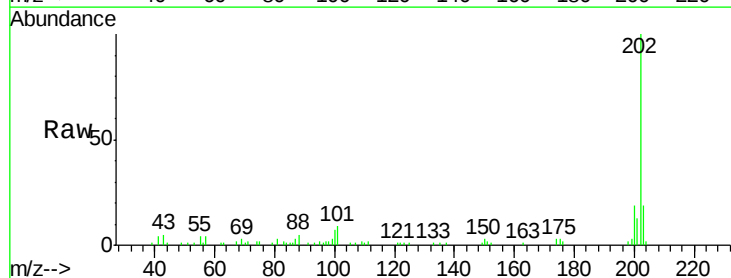
Instrument :
BNA_F
ClientSampleId :

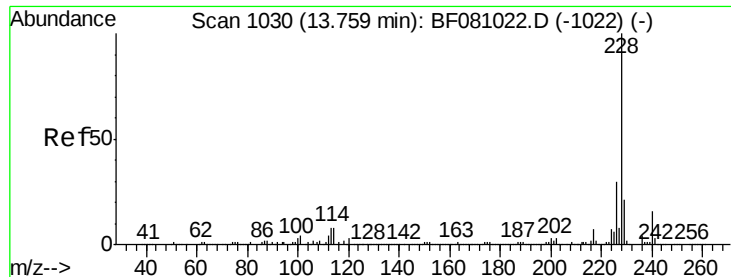
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.5	9.5	14.3#



#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

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

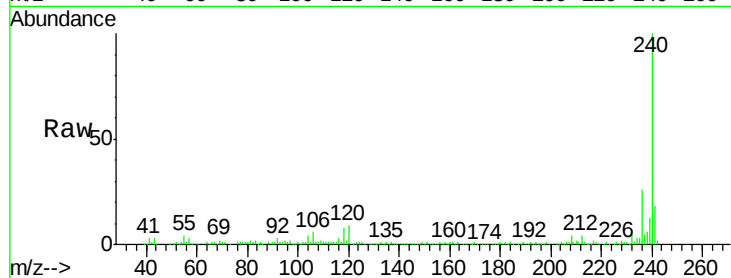




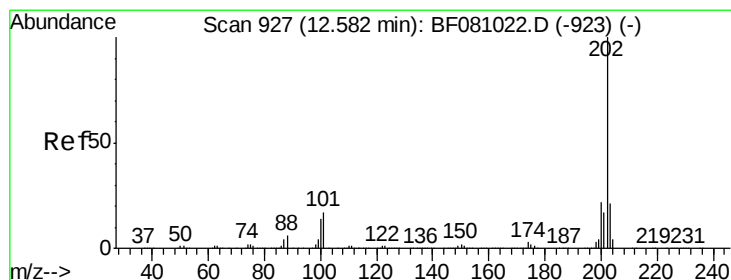
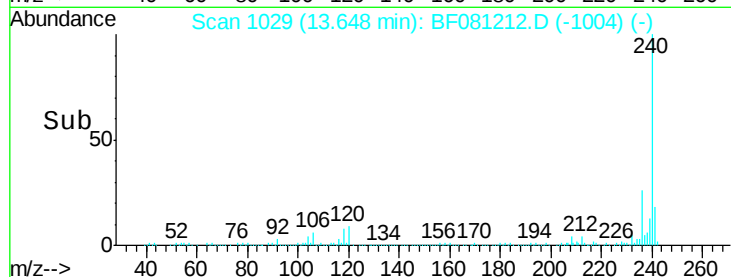
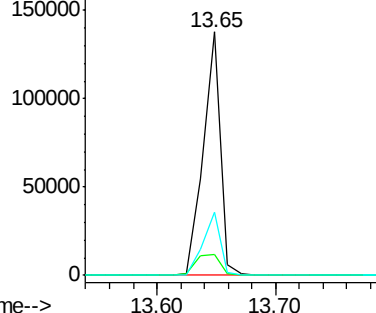
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.6	8.4
236	26.0	20.6	30.8

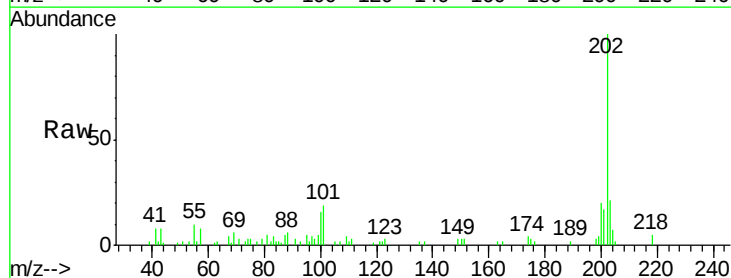


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

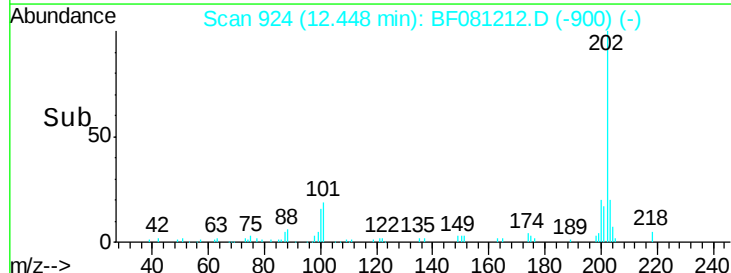
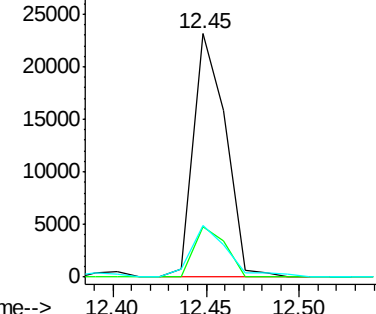


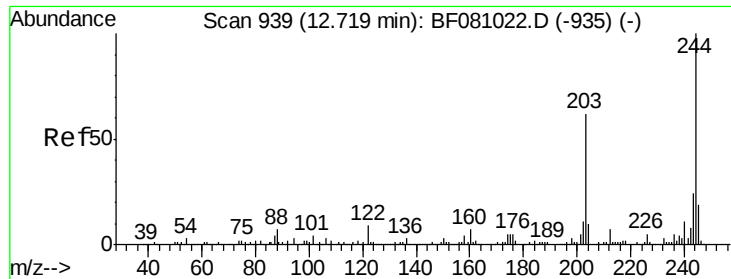
#77
 Pyrene
 Concen: 2.49 ng
 RT: 12.45 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

Tgt 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

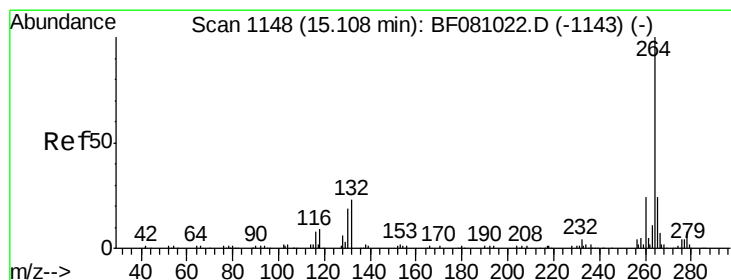
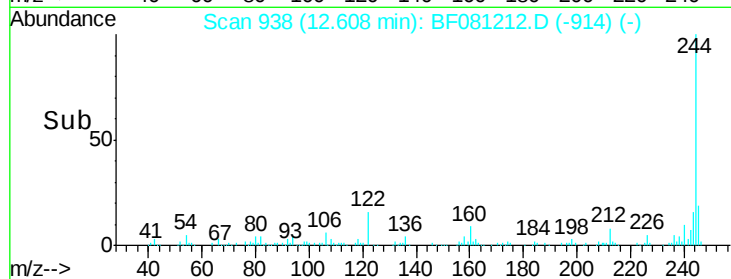
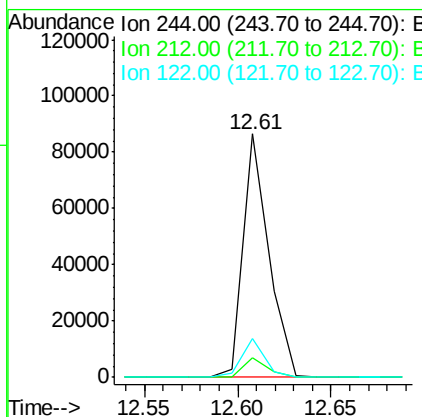
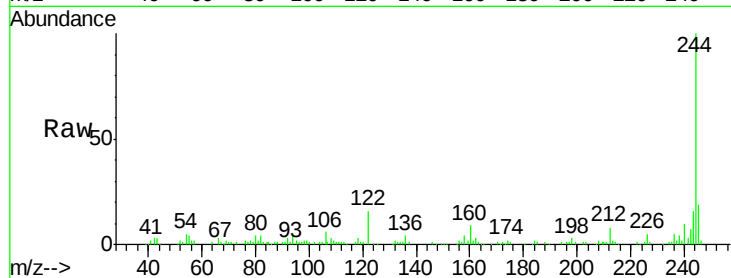




#78
 Terphenyl-d14
 Concen: 12.85 ng
 RT: 12.61 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF081212.D
 Acq: 25 Aug 2015 22:10

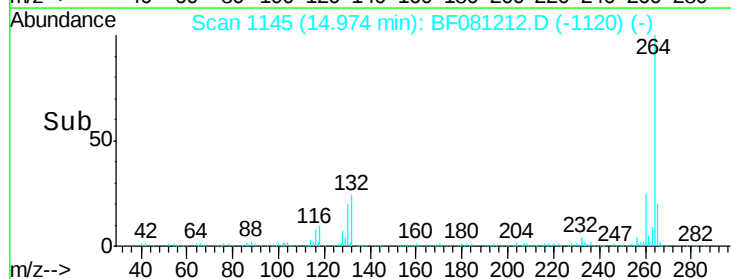
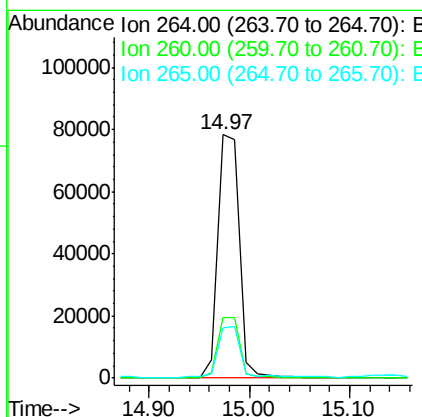
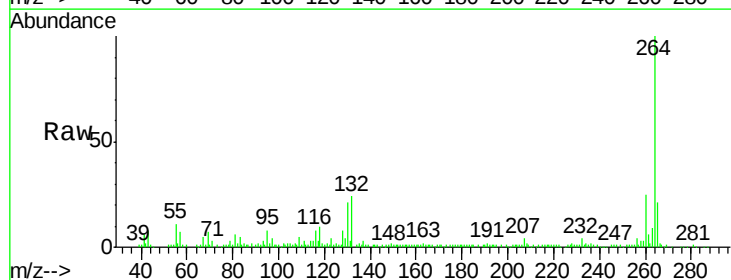
Instrument :
 BNA_F
 ClientSampleId :

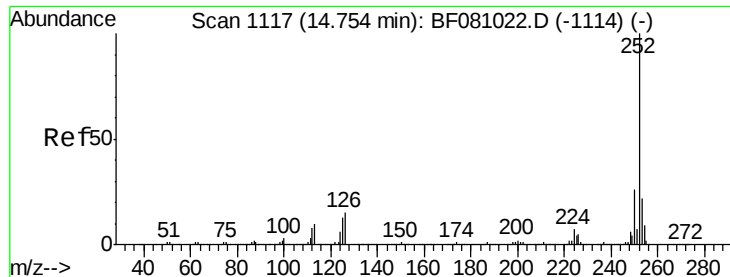
Tot Ion:244 Resp: 82782
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 15.9 8.2 12.4#



#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

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: 3.41 ng

RT: 14.63 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

Instrument :

BNA_F

ClientSampleId :

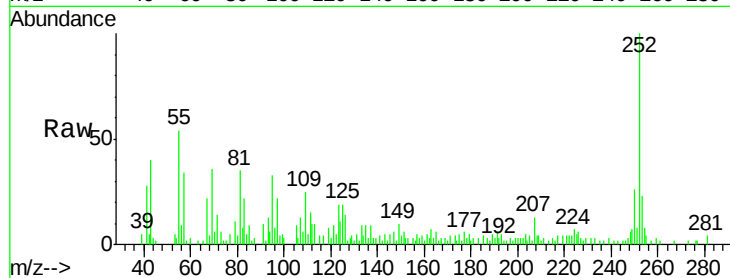
Tot Ion:252 Resp: 28077

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

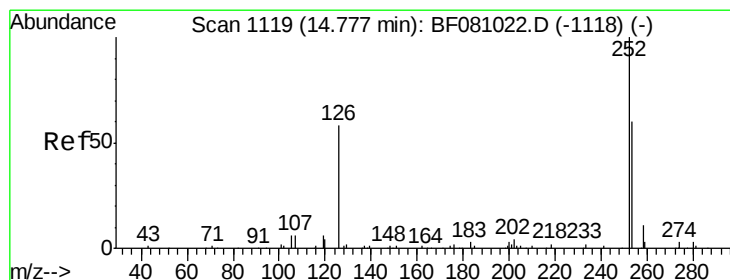
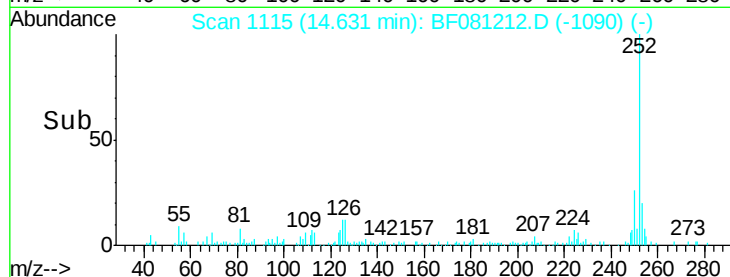
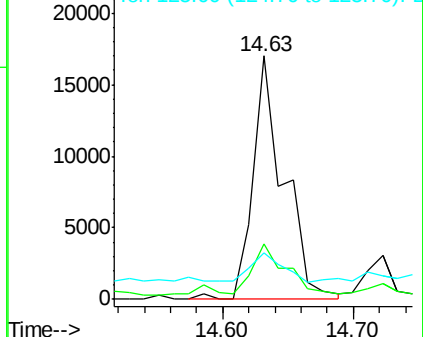
125 19.2 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.66 ng

RT: 14.63 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BF081212.D

Acq: 25 Aug 2015 22:10

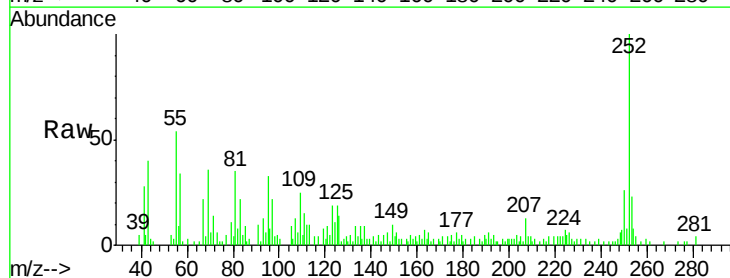
Tgt Ion:252 Resp: 28077

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 19.2 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

