

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083171.D
 Acq On : 22 Nov 2015 21:10
 Operator : UM/IZ
 Sample : G4443-01RE
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP213BRV68.7

Quant Time: Nov 23 03:41:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

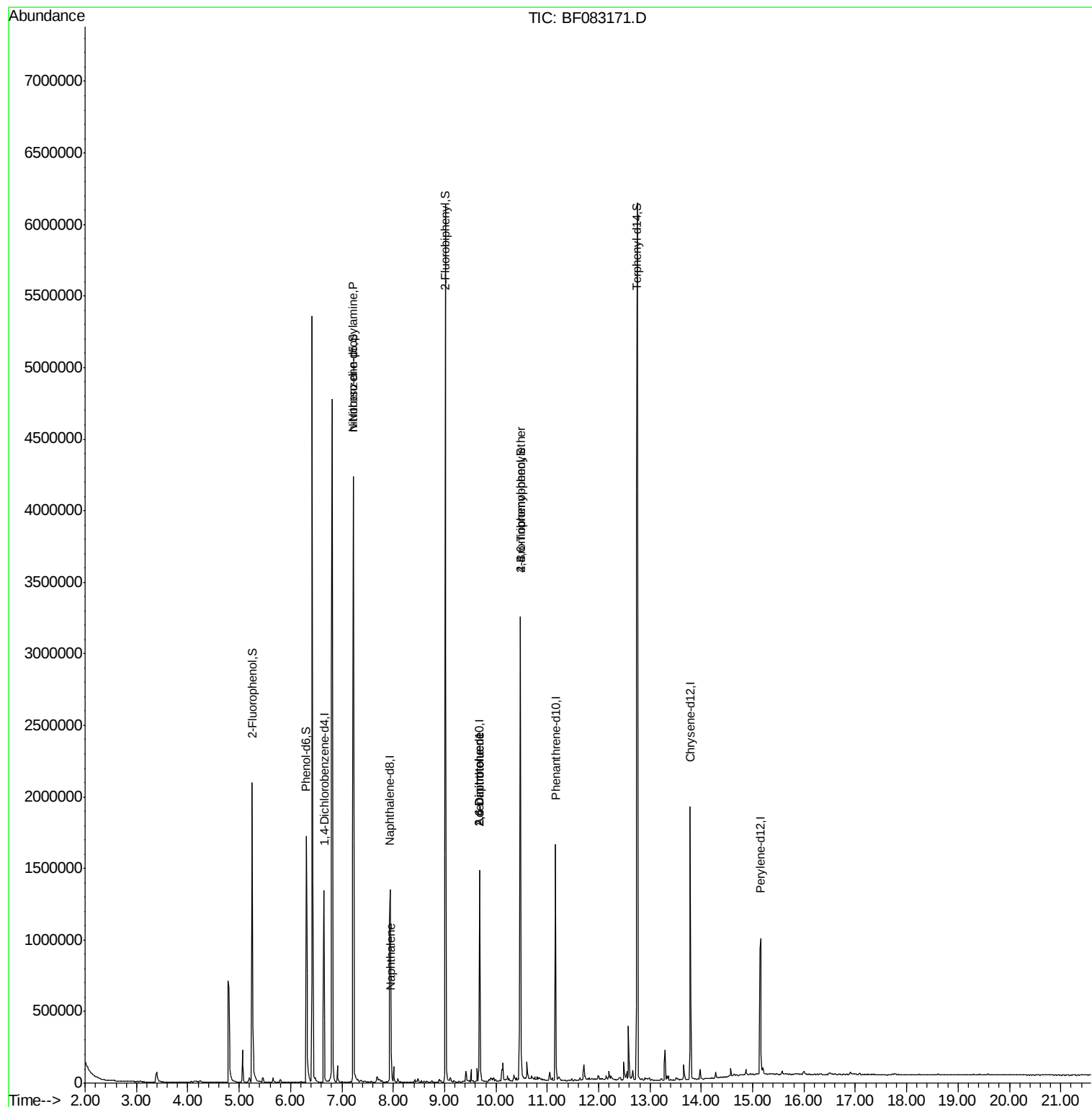
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	218108	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	831981	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	417750	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	799237	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	674464	20.00	ng	-0.02
86) Perylene-d12	15.15	264	545529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	841404	58.32	ng	-0.02
7) Phenol-d6	6.31	99	689023	36.91	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1606175	88.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	572312	133.91	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2494040	83.25	ng	-0.01
78) Terphenyl-d14	12.75	244	2419541	84.48	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	1191	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	222886	17.16	ng	# 75
31) Naphthalene	7.95	128	167487	3.73	ng	# 99
50) 2,6-Dinitrotoluene	9.68	165	52791	7.32	ng	# 14
56) 2,4-Dinitrotoluene	9.68	165	52794	5.77	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	37473	4.23	ng	# 1

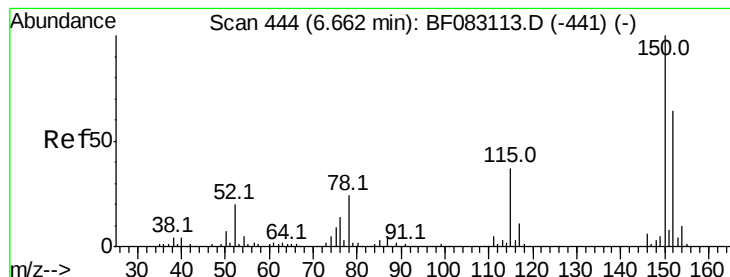
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 59 Sample Multiplier: 1

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20151109MGP213BRV68.7

Quant Time: Nov 23 03:41:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

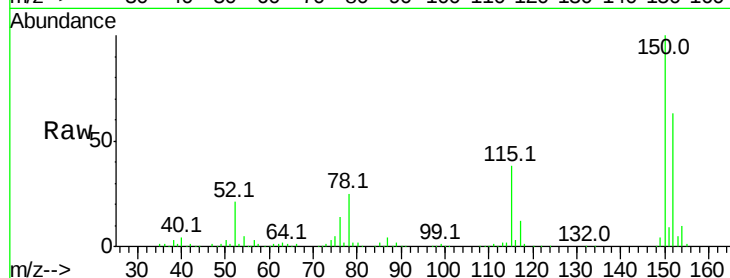
Tot Ion:152 Resp: 218108

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.8

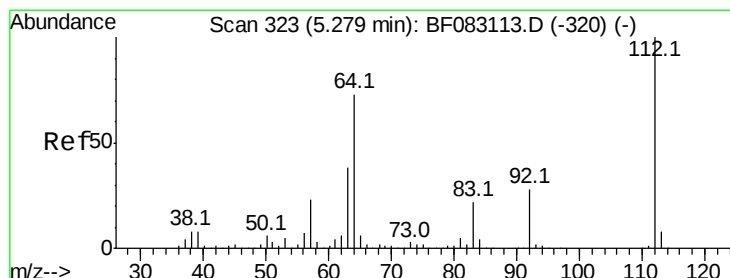
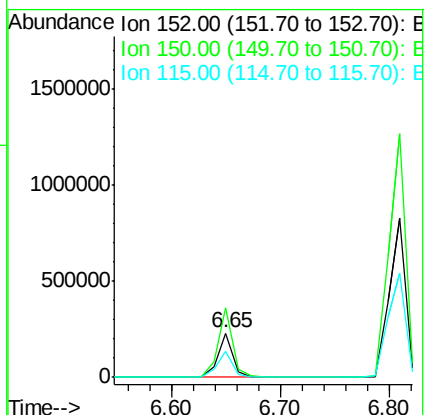
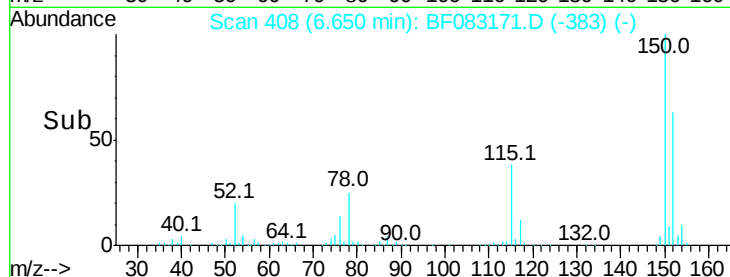
115 59.8 46.9 70.3



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: 58.32 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

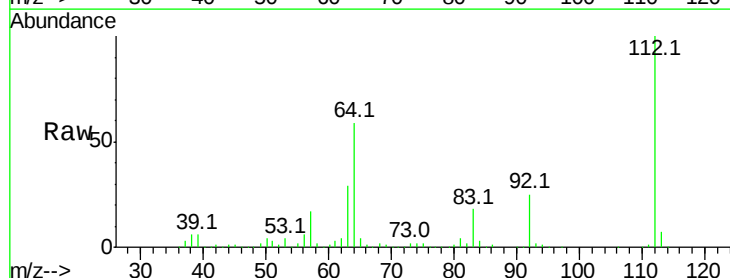
Tgt Ion:112 Resp: 841404

Ion Ratio Lower Upper

112 100

64 58.7 58.4 87.6

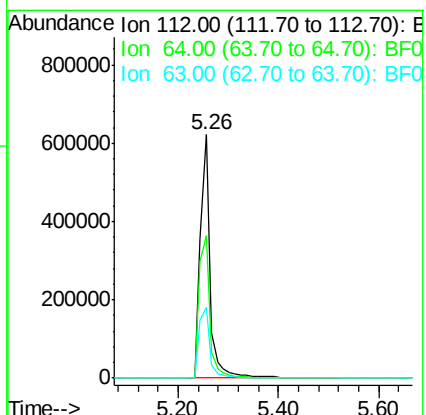
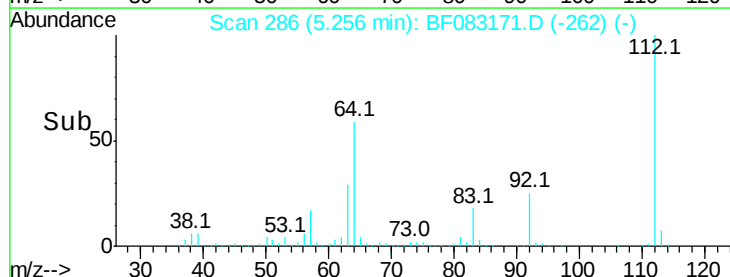
63 29.0 30.0 45.0#

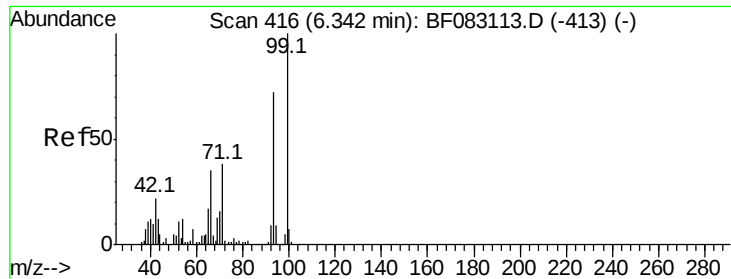


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.91 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

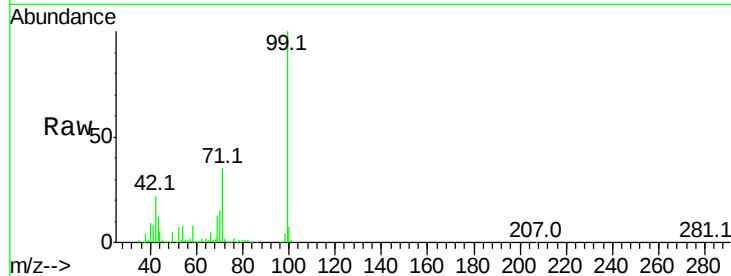
Tot Ion: 99 Resp: 689023

Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

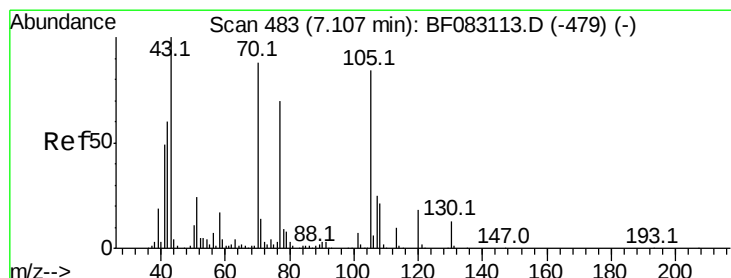
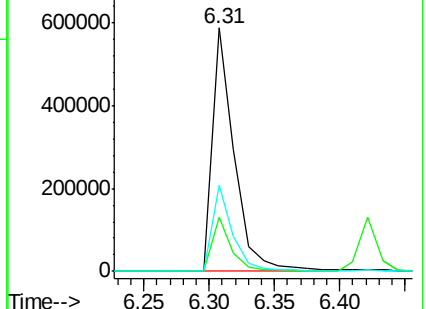
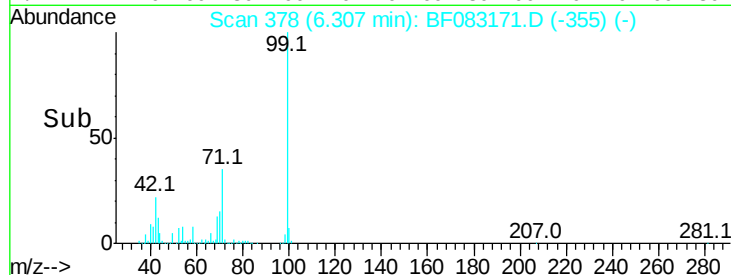
71 35.3 30.2 45.4



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: 17.16 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Tgt Ion: 70 Resp: 222886

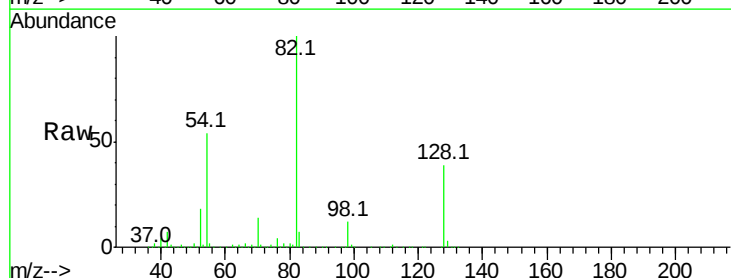
Ion Ratio Lower Upper

70 100

42 48.5 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

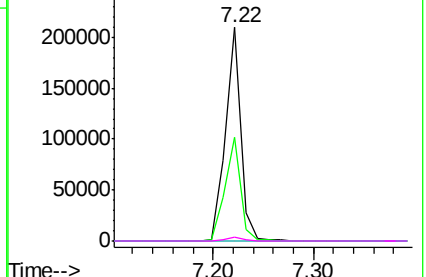
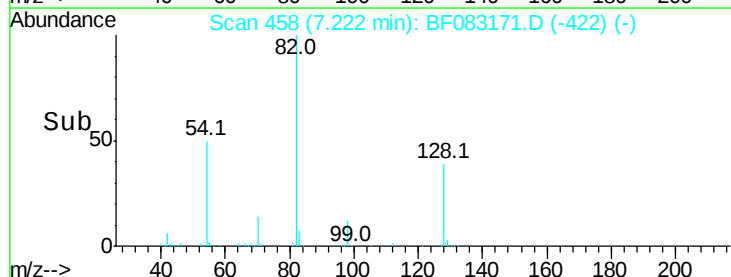


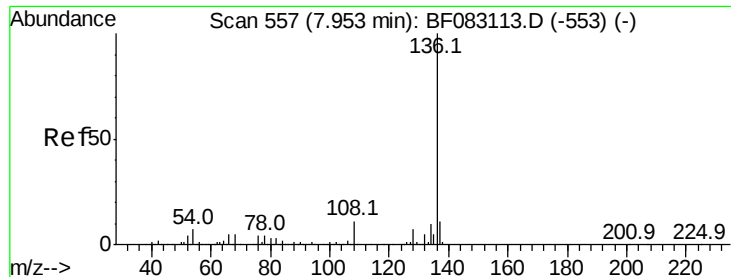
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

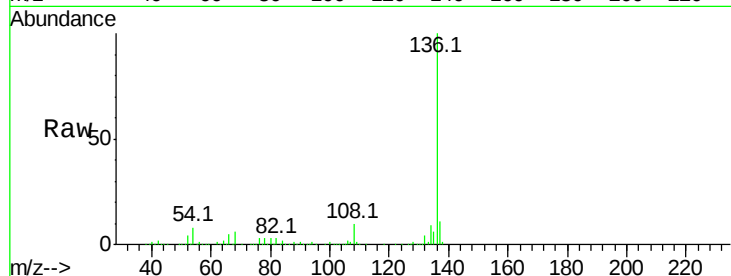




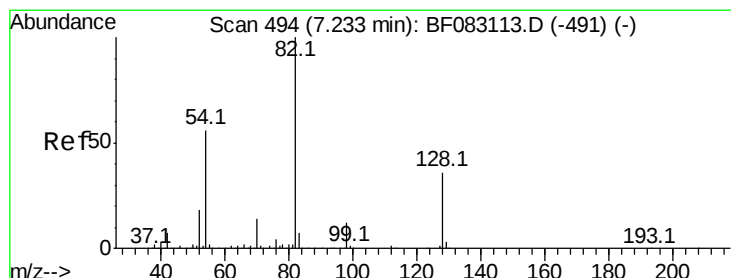
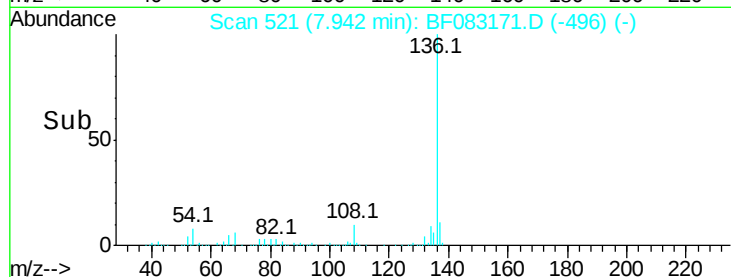
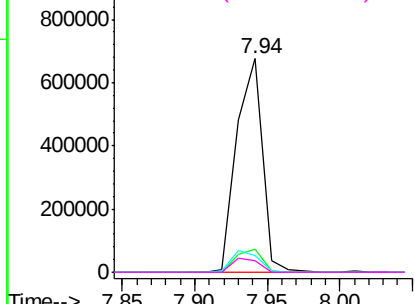
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Instrument :
BNA_F
ClientSampleId :
20151109MGP213BRV68.7

Tot Ion:136	Resp: 831981
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 7.7	5.8 8.6
68 5.6	3.8 5.8

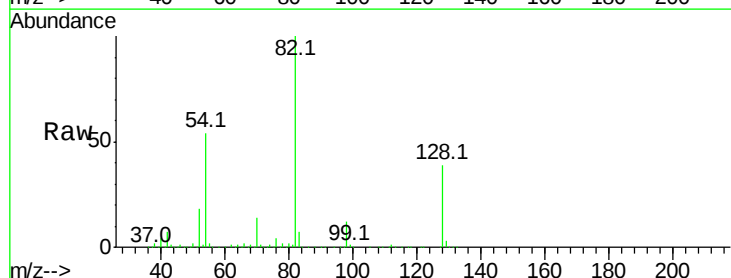


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

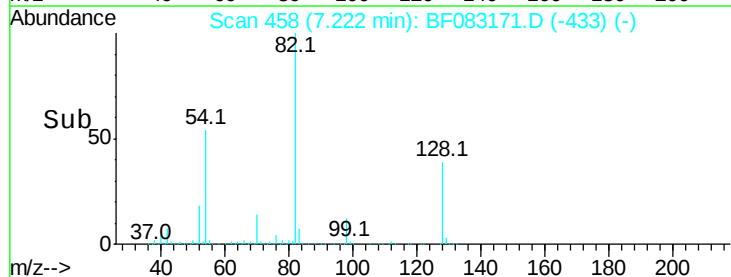
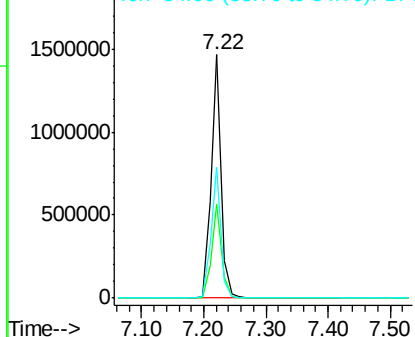


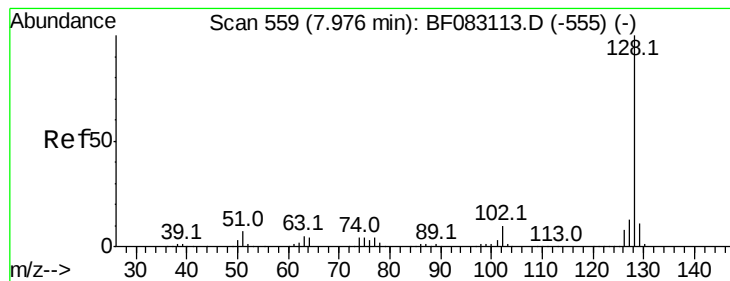
#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Tgt Ion: 82	Resp: 1606175
Ion Ratio	Lower Upper
82 100	
128 38.5	28.5 42.7
54 53.9	44.6 67.0



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: 3.73 ng

RT: 7.95 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

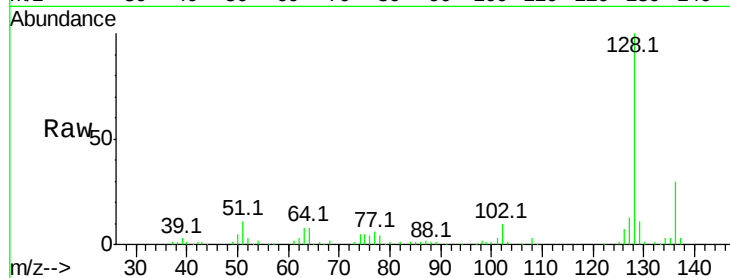
Tot Ion:128 Resp: 167487

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

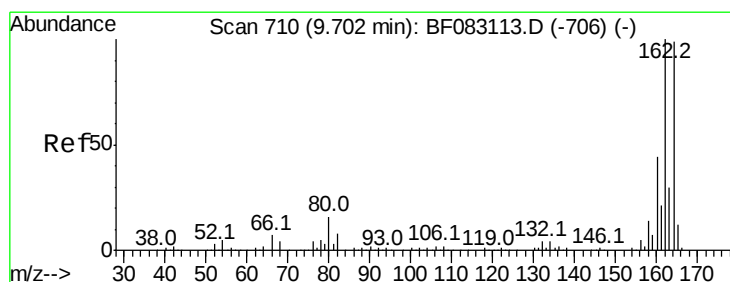
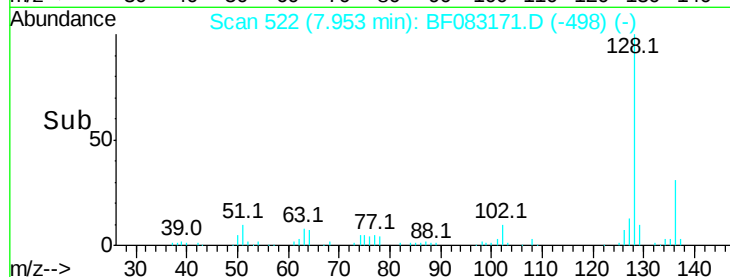
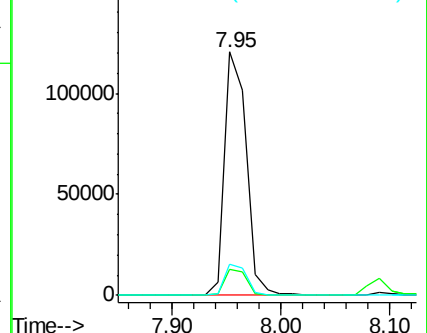
127 12.7 10.6 15.8



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: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

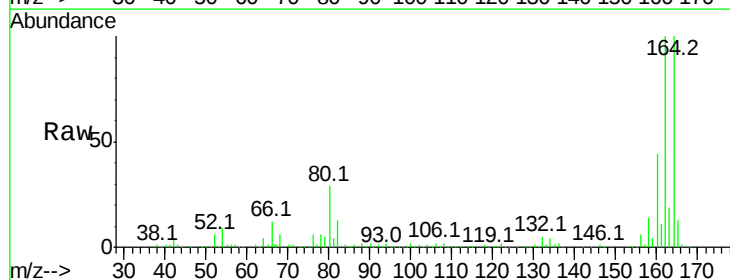
Tgt Ion:164 Resp: 417750

Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

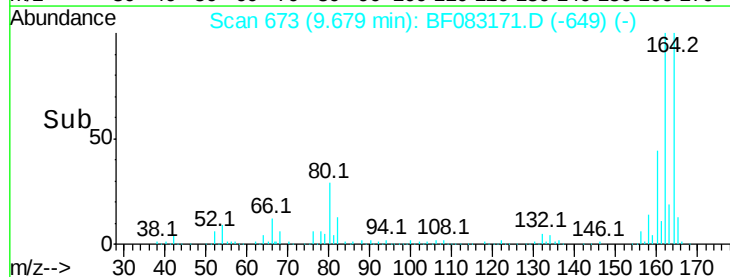
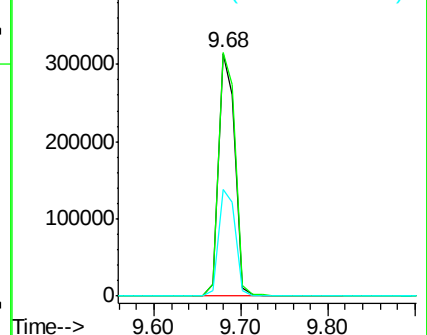
160 44.0 35.6 53.4

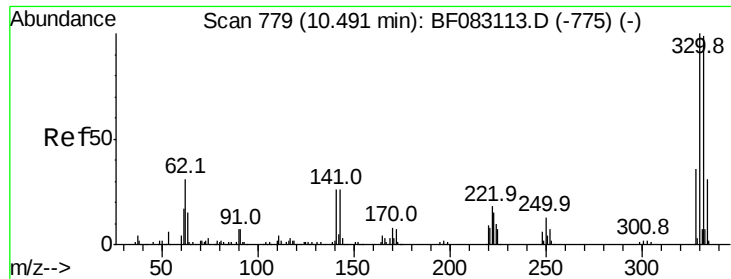


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

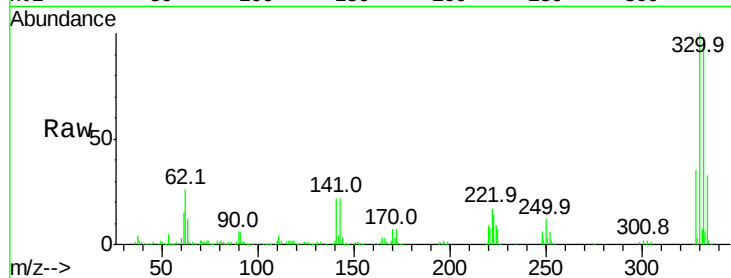




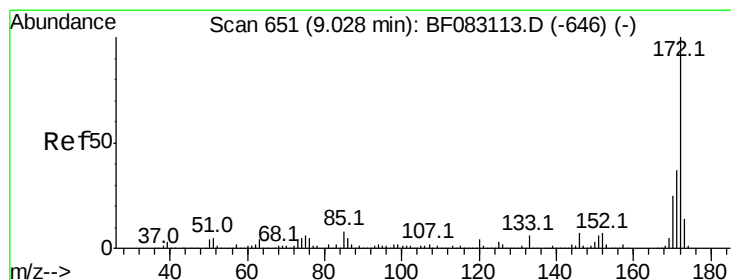
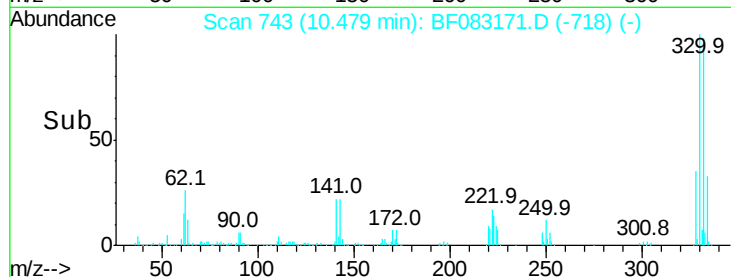
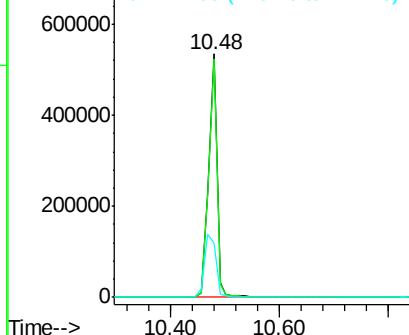
#41
 2,4,6-Tribromophenol
 Concen: 133.91 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP213BRV68.7

Tot Ion:330 Resp: 572312
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.7 116.5
 141 34.5 29.7 44.5

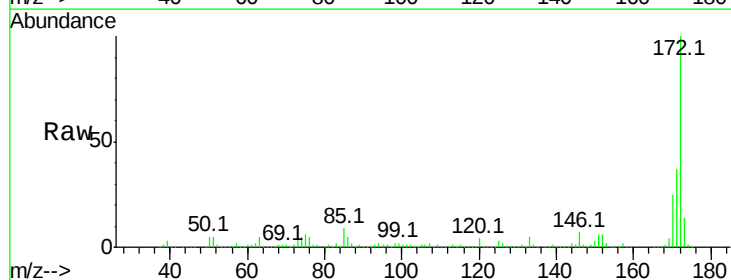


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

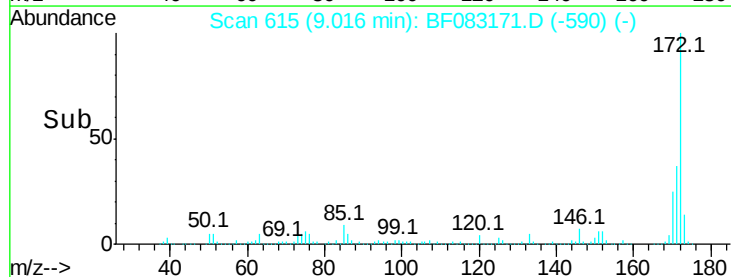
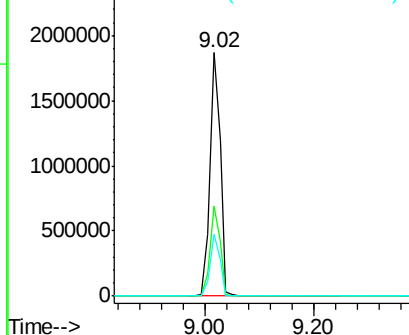


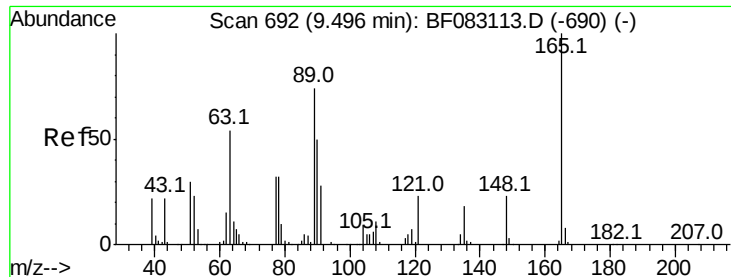
#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

Tgt Ion:172 Resp: 2494040
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 25.3 19.9 29.9



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

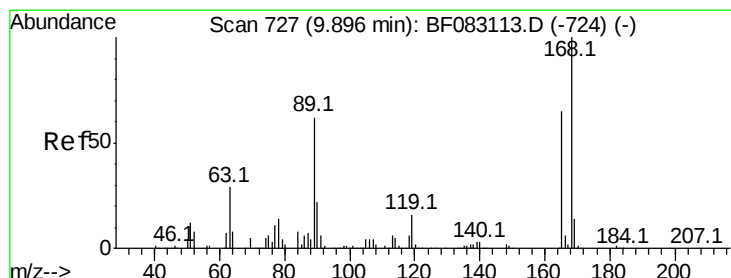
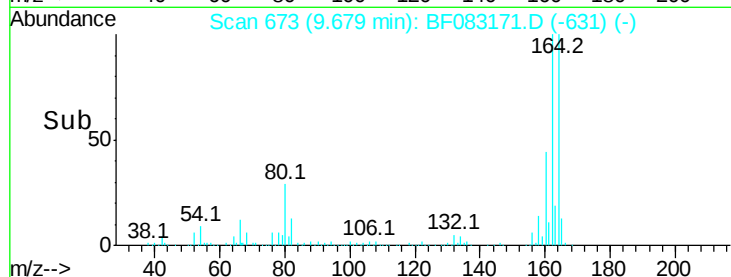
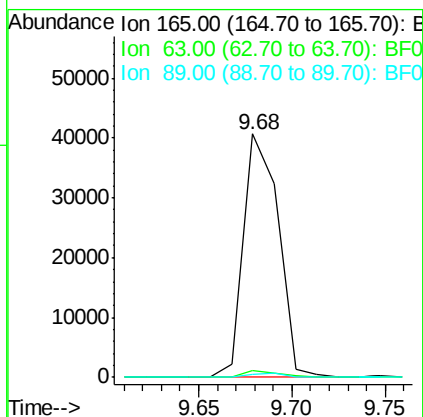
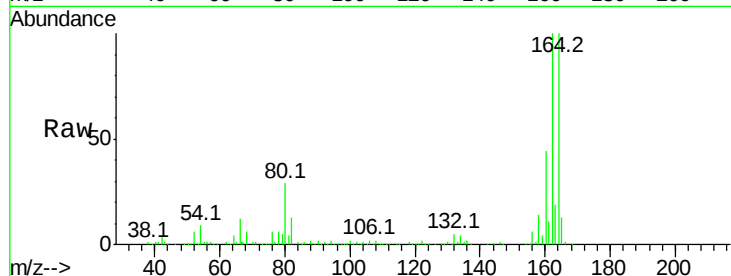




#50
 2,6-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

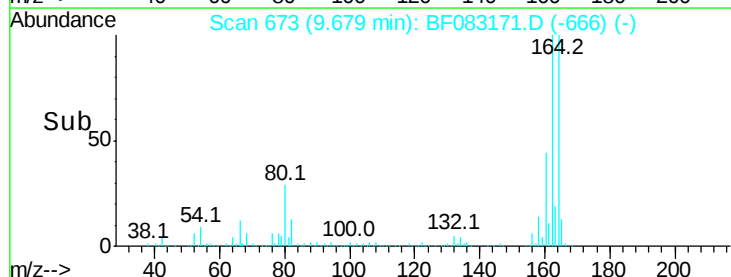
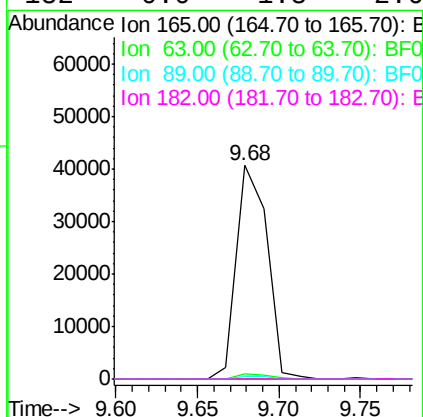
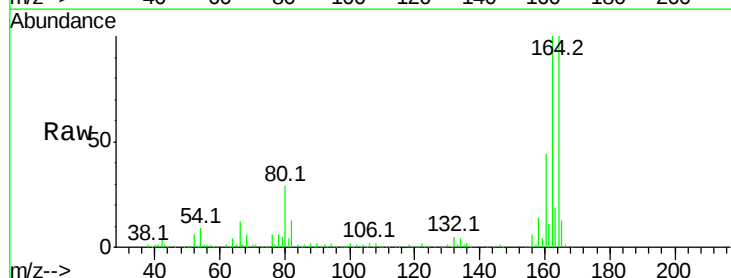
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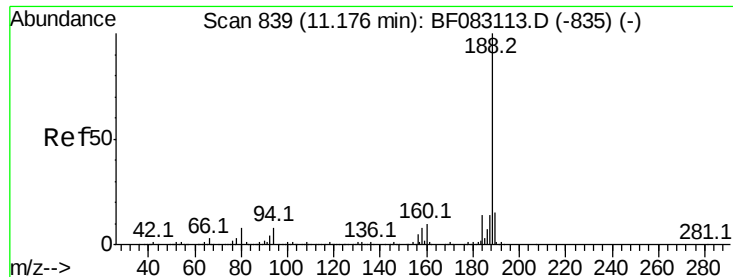
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	62.5	93.7#
89	1.1	59.1	88.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.77 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	54.5	81.7#
89	1.1	77.3	115.9#
182	0.0	1.8	2.6#

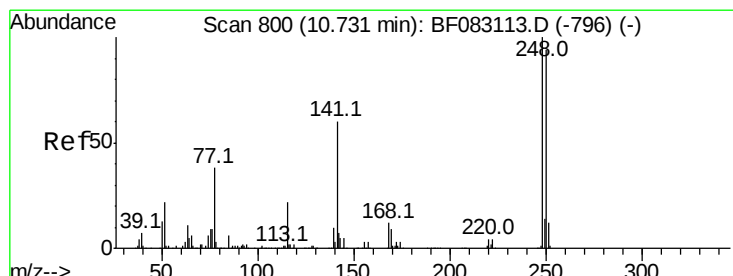
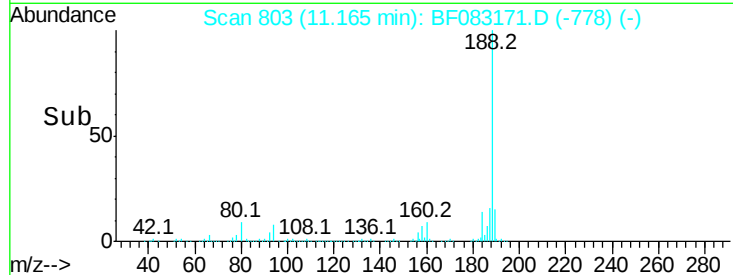
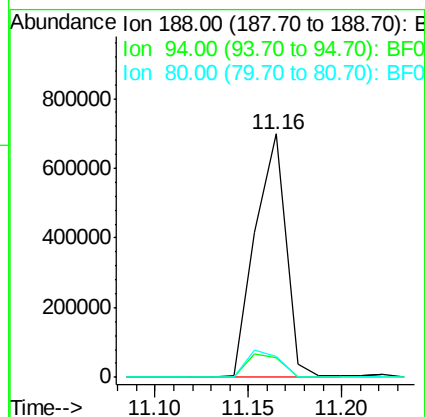
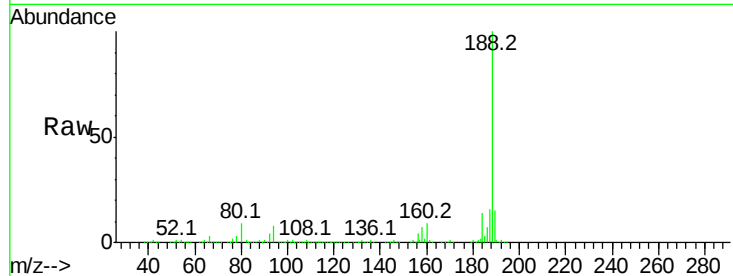




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

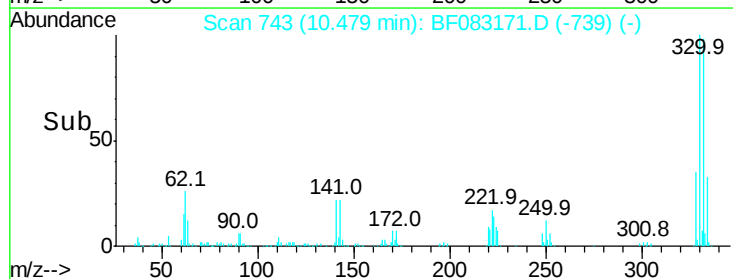
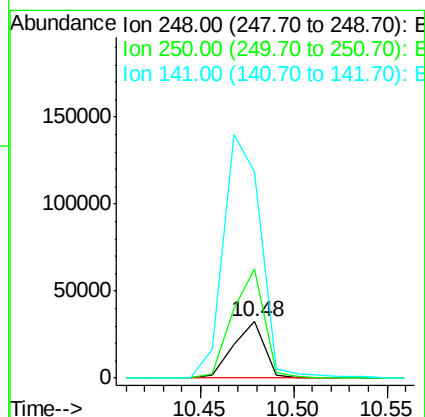
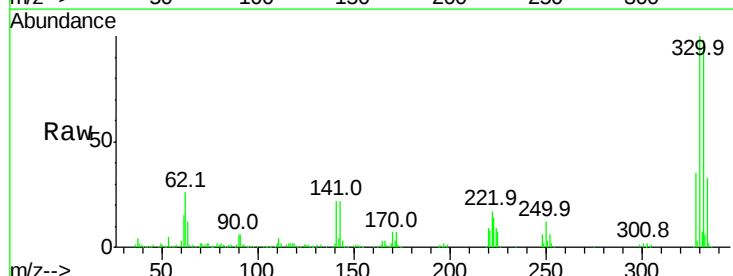
Instrument :
BNA_F
ClientSampleId :
20151109MGP213BRV68.7

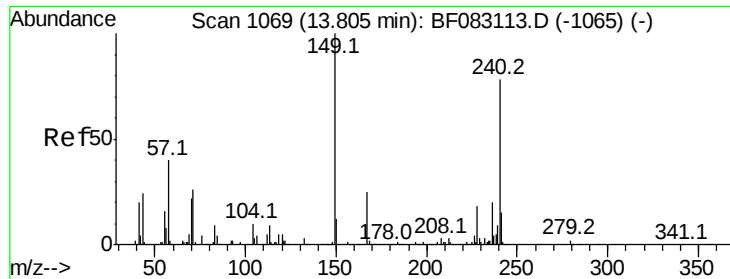
Tot Ion:188 Resp: 799237
Ion Ratio Lower Upper
188 100
94 8.1 6.0 9.0
80 8.6 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Tgt Ion:248 Resp: 37473
Ion Ratio Lower Upper
248 100
250 193.5 75.4 113.2#
141 366.7 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

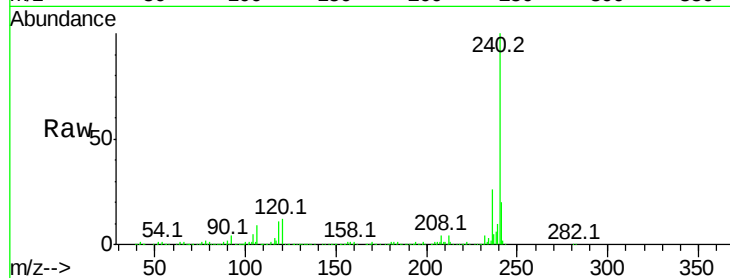
Tot Ion:240 Resp: 674464

Ion Ratio Lower Upper

240 100

120 12.4 5.4 8.2#

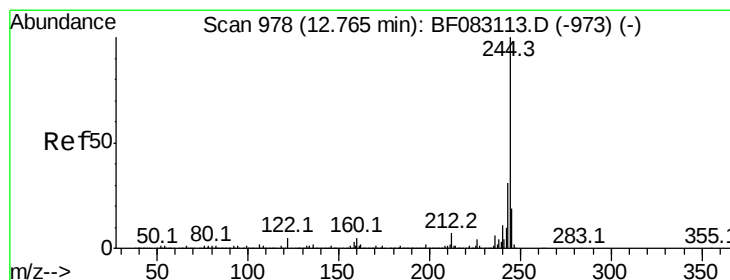
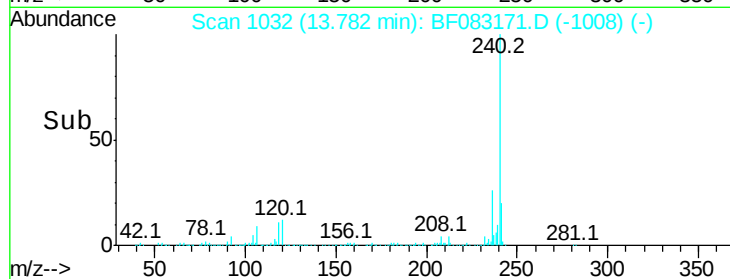
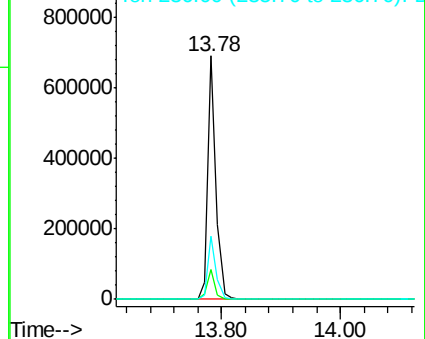
236 26.0 20.6 31.0



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: 84.48 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

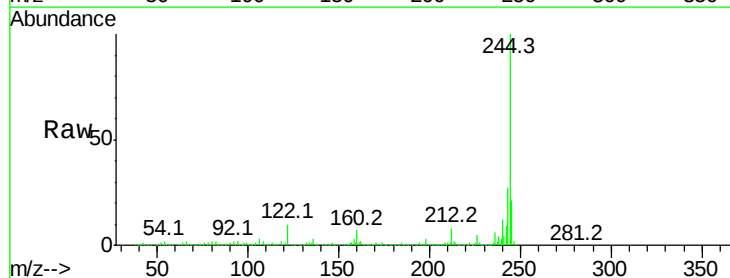
Tgt Ion:244 Resp: 2419541

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

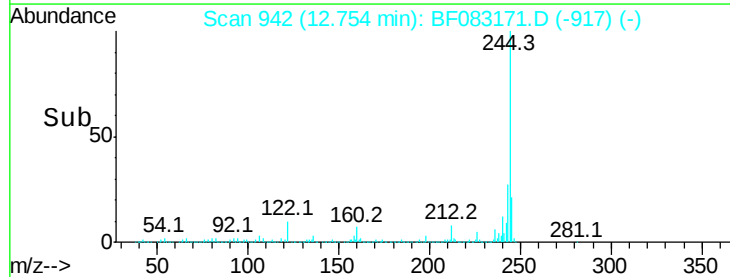
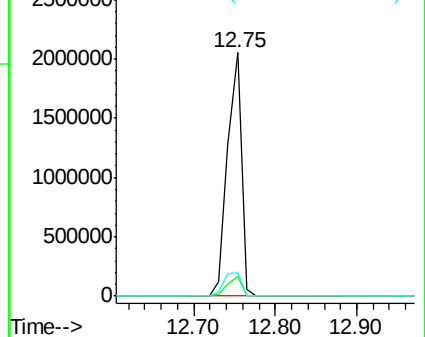
122 9.8 4.3 6.5#

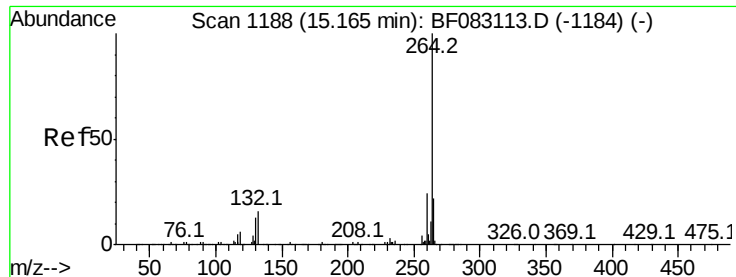


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP213BRV68.7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.0	18.2	27.4

