

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082180.D
 Acq On : 10 Oct 2015 17:07
 Operator : UM/IZ
 Sample : G3974-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-35-37

Quant Time: Oct 12 02:00:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

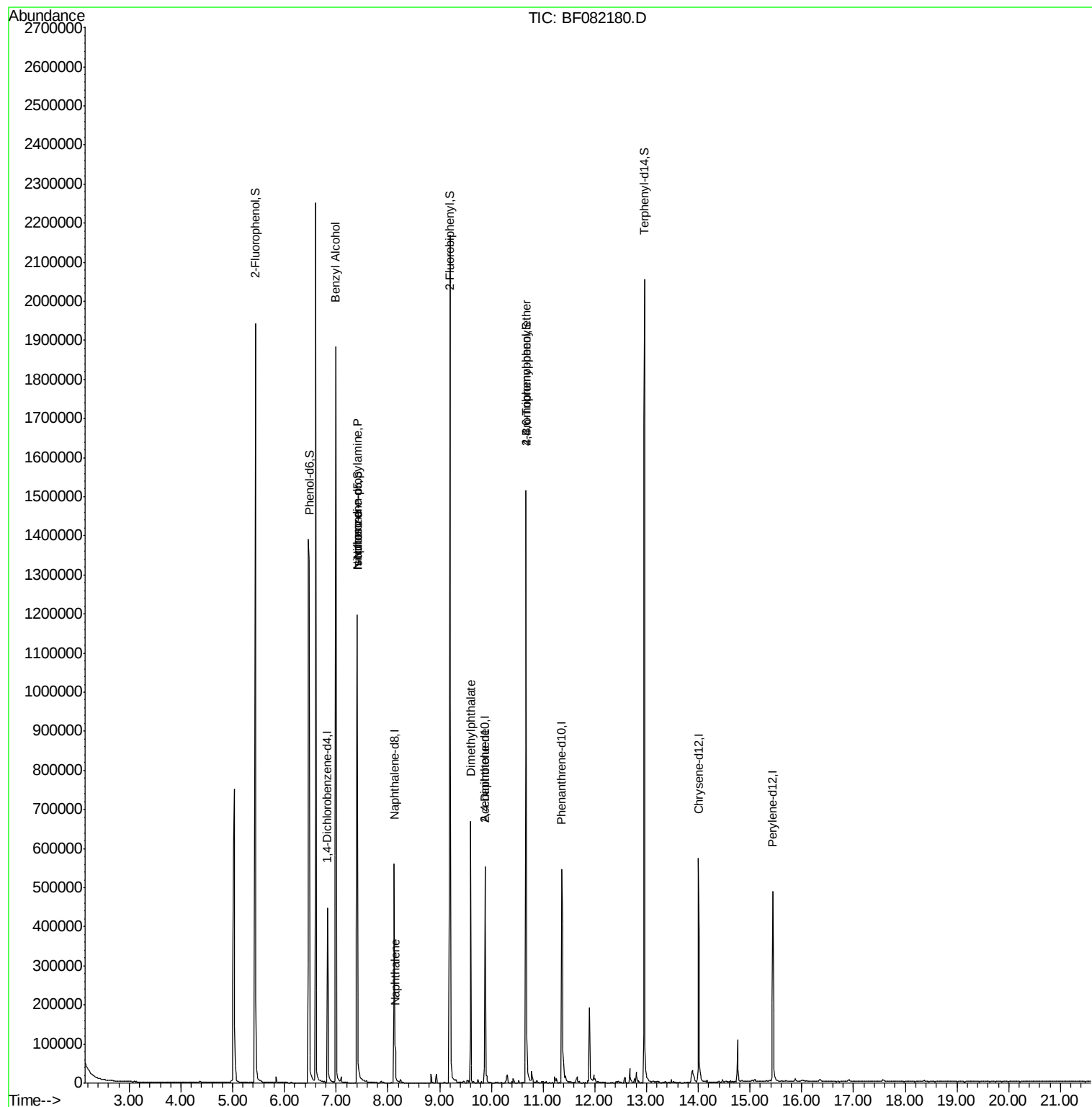
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80405	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	318870	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	159029	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	314468	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	301266	20.00	ng	-0.01
86) Perylene-d12	15.44	264	254343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	605692	152.03	ng	0.01
7) Phenol-d6	6.48	99	822368	158.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	482253	101.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	242041	162.29	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	926759	96.64	ng	-0.01
78) Terphenyl-d14	12.96	244	994076	87.44	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.99	79	7873	2.20	ng	# 49
19) n-Nitroso-di-n-propylamine	7.41	70	61773	16.97	ng	# 80
25) Isophorone	7.41	82	386334	40.31	ng	# 66
31) Naphthalene	8.15	128	47422	3.43	ng	99
49) Dimethylphthalate	9.60	163	284737	25.43	ng	99
56) 2,4-Dinitrotoluene	9.87	165	20523	6.95	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	16539	5.26	ng	# 1

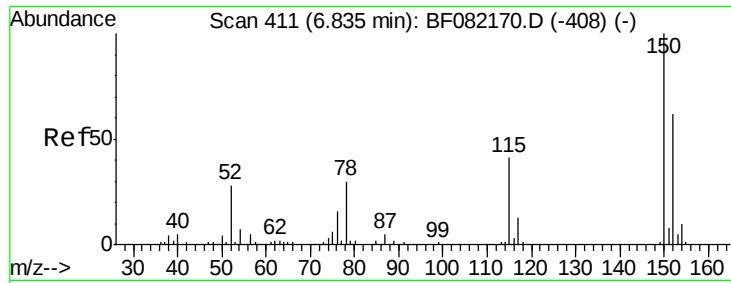
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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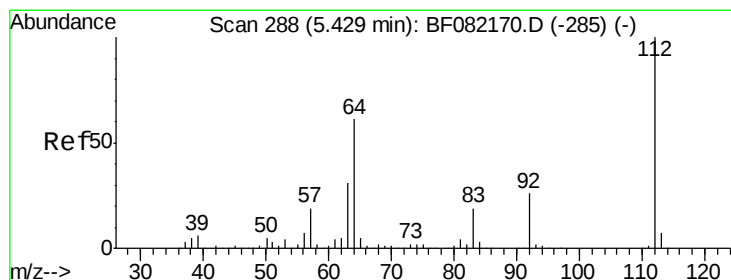
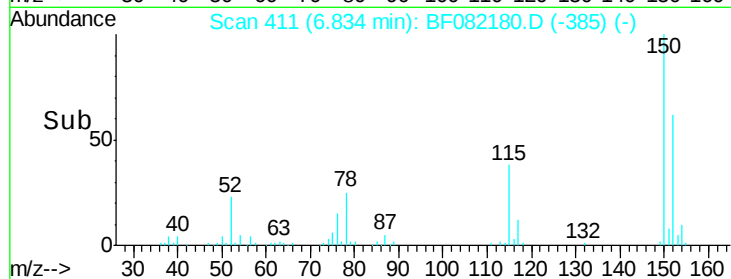
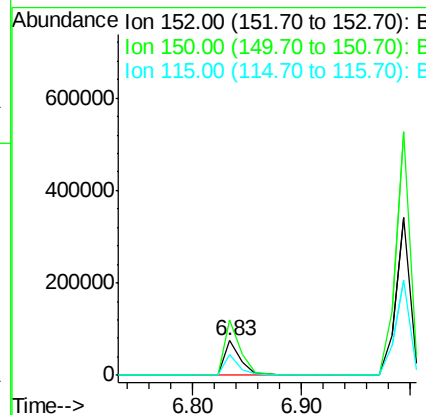
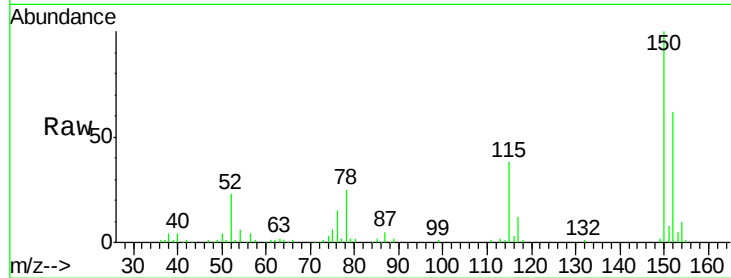


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Instrument :
BNA_F
ClientSampleId :
MGP222BR-35-37

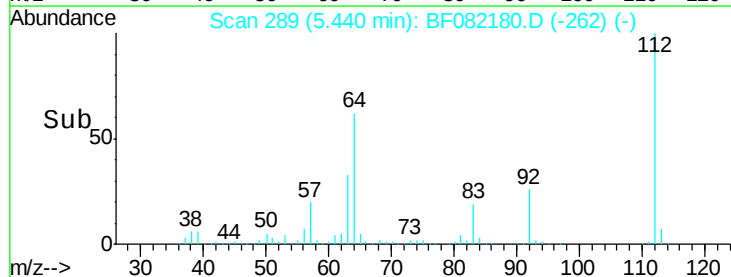
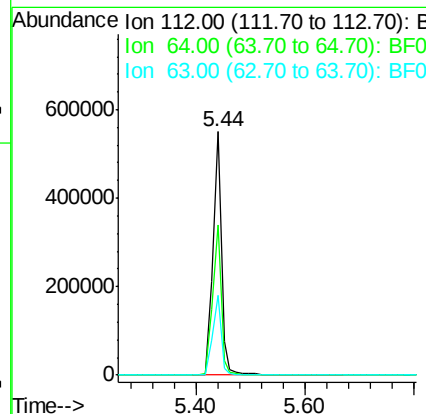
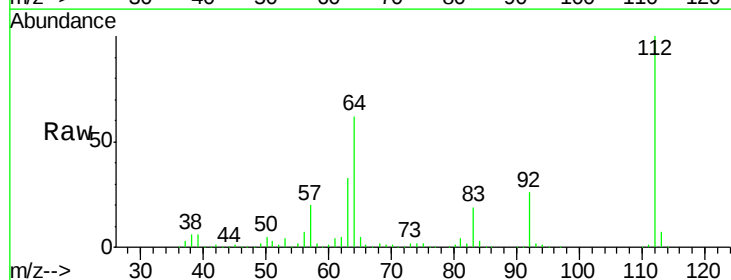
Tgt Ion:152 Resp: 80405
Ion Ratio Lower Upper
152 100
150 160.7 129.0 193.4
115 61.5 52.1 78.1

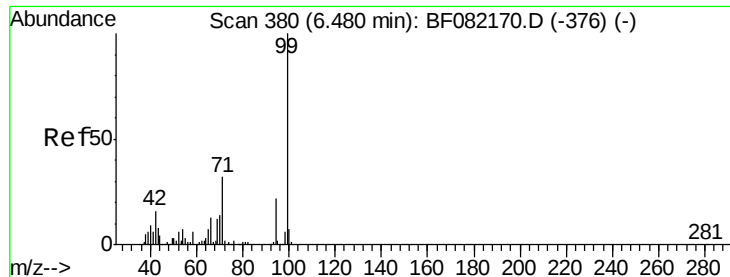


#5

2-Fluorophenol
Concen: 152.03 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Tgt Ion:112 Resp: 605692
Ion Ratio Lower Upper
112 100
64 61.9 48.6 73.0
63 32.8 25.1 37.7





#7

Phenol-d6

Concen: 158.62 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

Instrument :

BNA_F

ClientSampleId :

MGP222BR-35-37

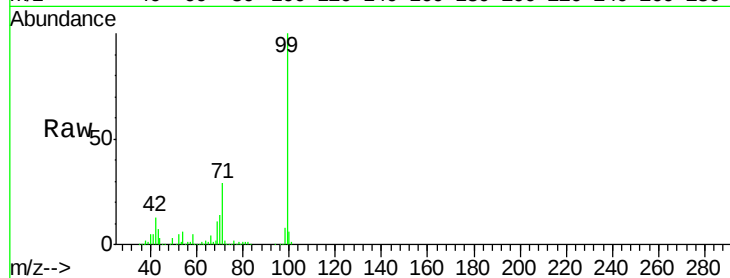
Tgt Ion: 99 Resp: 822368

Ion Ratio Lower Upper

99 100

42 13.3 13.2 19.8

71 29.5 25.6 38.4



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

600000

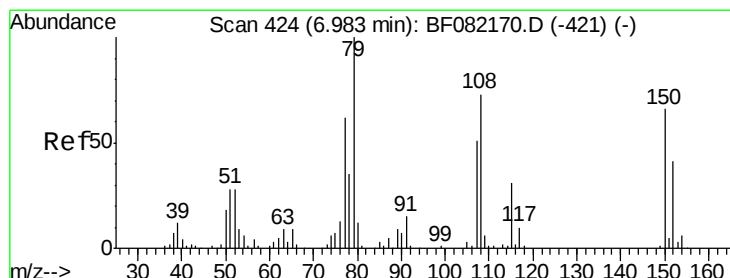
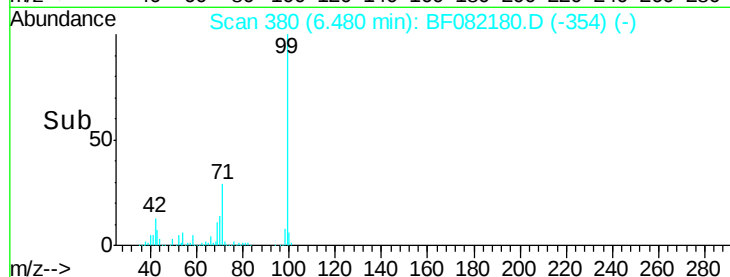
400000

200000

0

6.40 6.50 6.60

Time-->



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

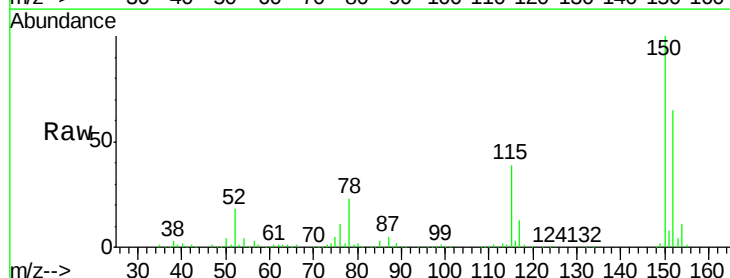
Tgt Ion: 79 Resp: 7873

Ion Ratio Lower Upper

79 100

108 32.7 58.4 87.6#

77 103.9 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

10000

8000

6000

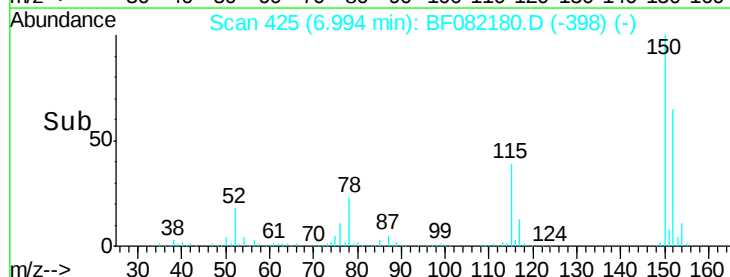
4000

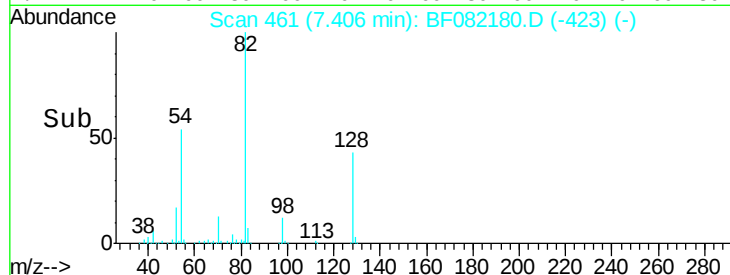
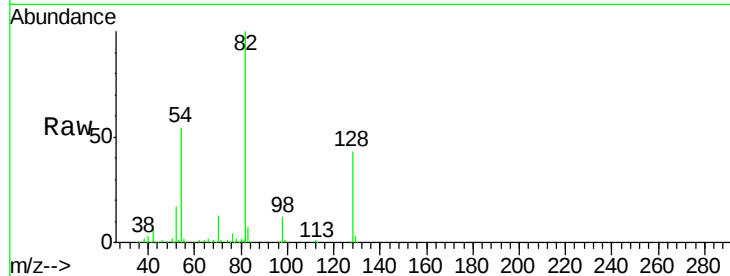
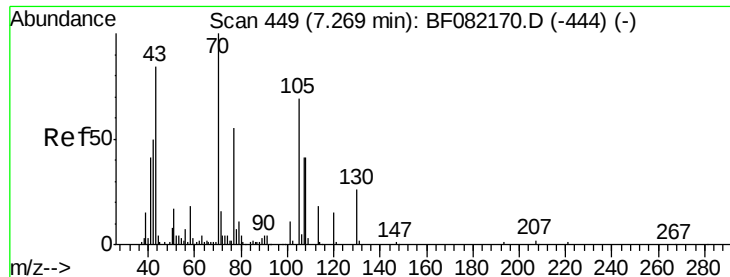
2000

0

6.95 7.00 7.05

Time-->

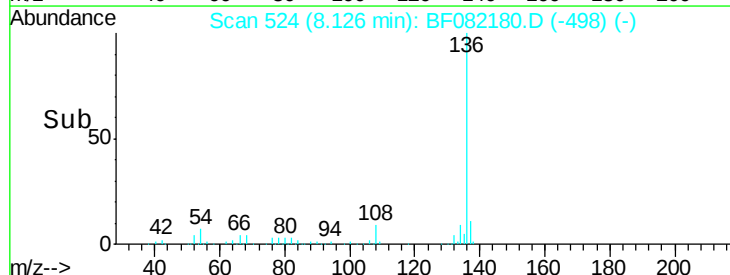
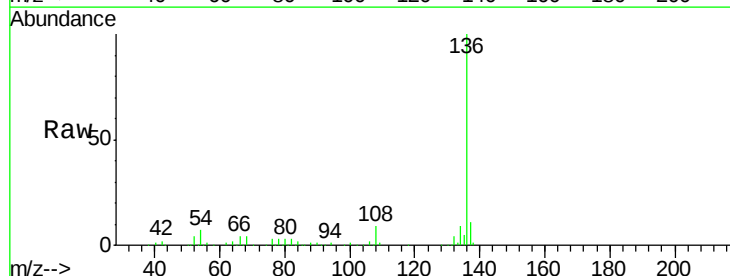
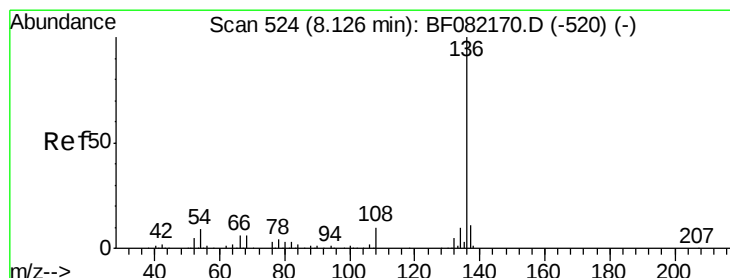
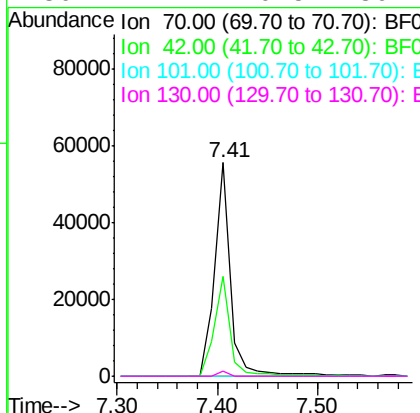




#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

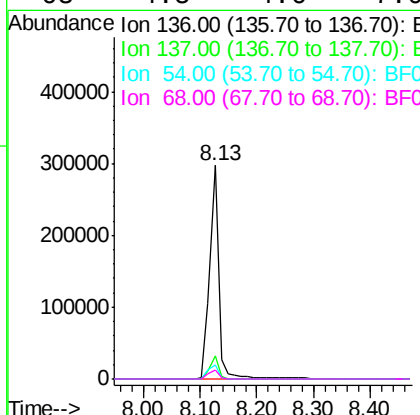
Instrument :
BNA_F
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MGP222BR-35-37

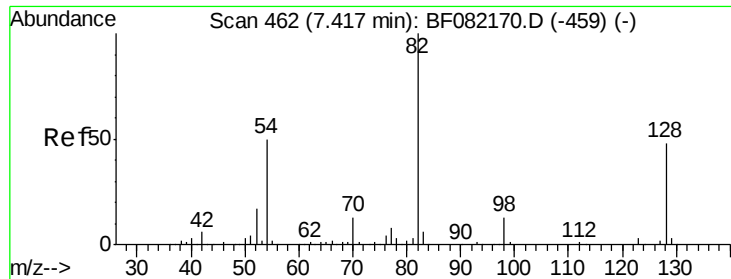
Tgt Ion: 70 Resp: 61773
Ion Ratio Lower Upper
70 100
42 46.6 39.8 59.8
101 0.0 8.6 13.0#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Tgt Ion: 136 Resp: 318870
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.6 7.5 11.3#
68 4.5 4.6 7.0#

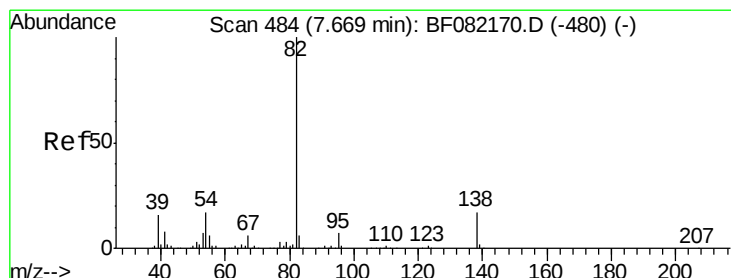
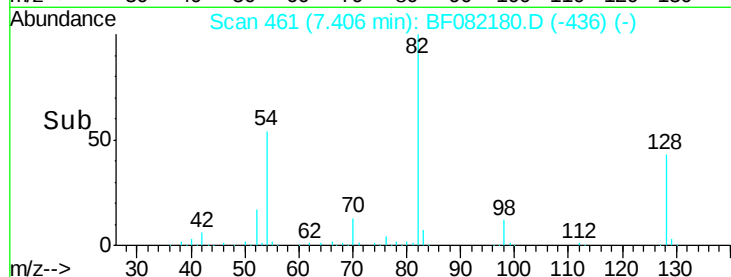
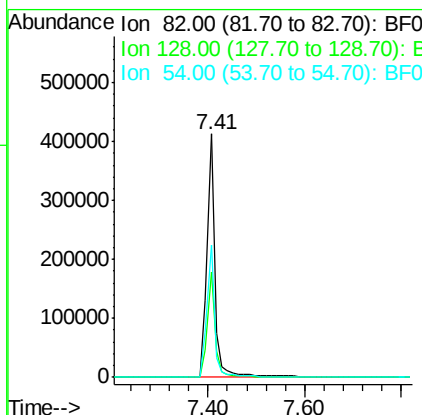
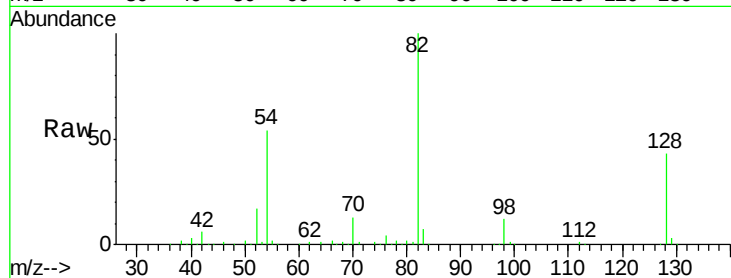




#23
 Nitrobenzene-d5
 Concen: 101.56 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

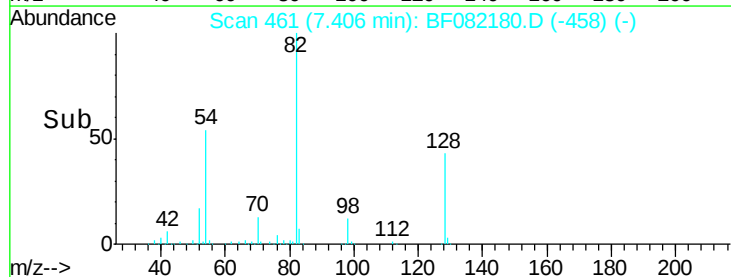
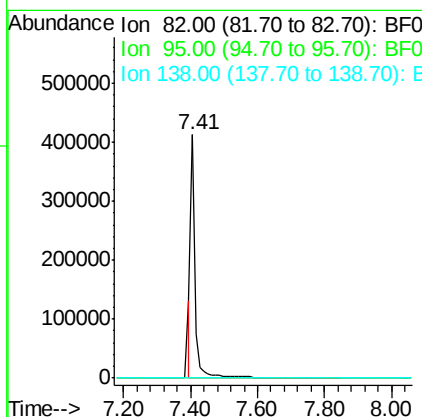
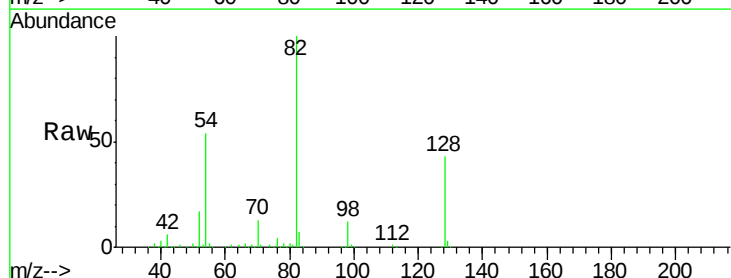
Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-35-37

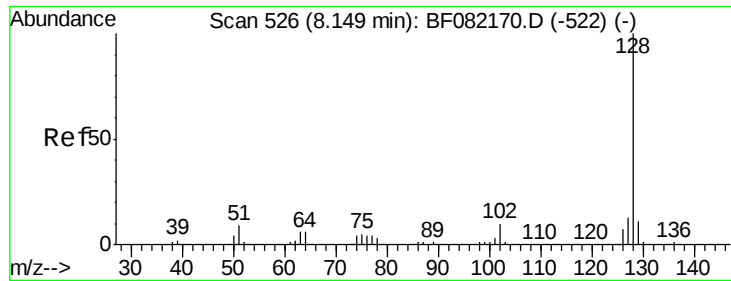
Tgt Ion: 82 Resp: 482253
 Ion Ratio Lower Upper
 82 100
 128 43.1 38.7 58.1
 54 54.4 40.1 60.1



#25
 Isophorone
 Concen: 40.31 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.26 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Tgt Ion: 82 Resp: 386334
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#

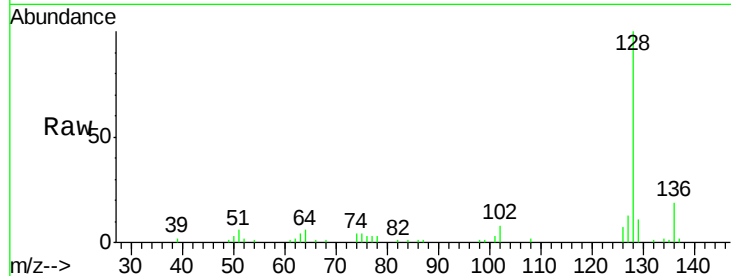




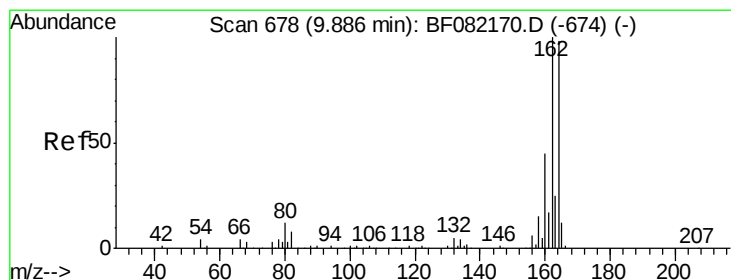
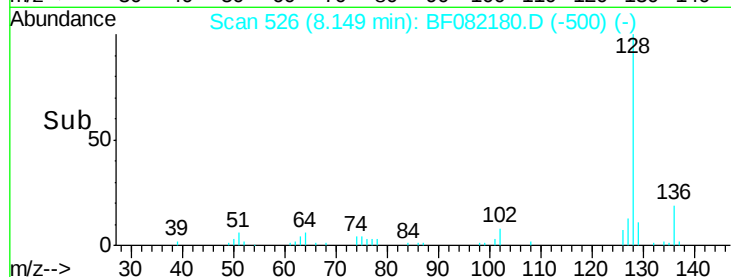
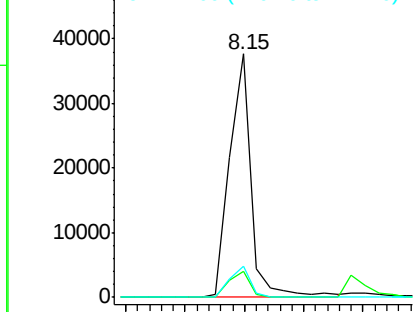
#31
Naphthalene
Concen: 3.43 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Instrument :
BNA_F
ClientSampleId :
MGP222BR-35-37

Tgt Ion:128 Resp: 47422
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.0 10.7 16.1

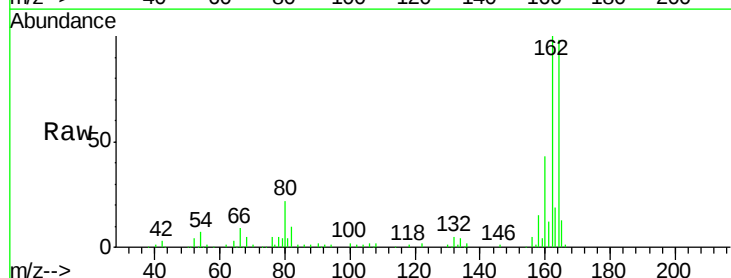


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

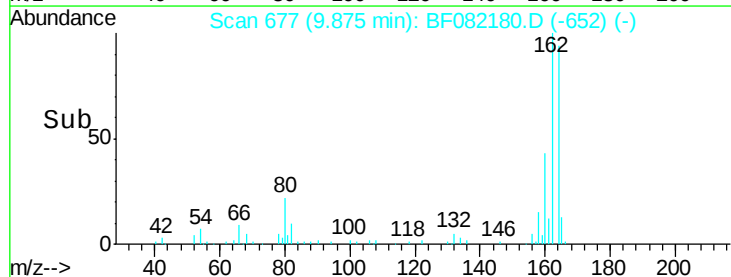
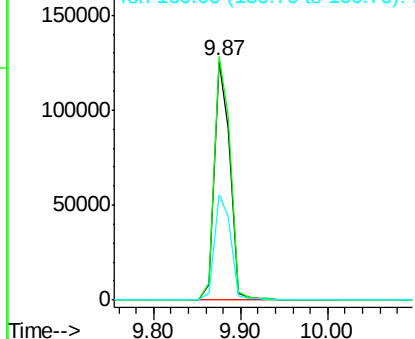


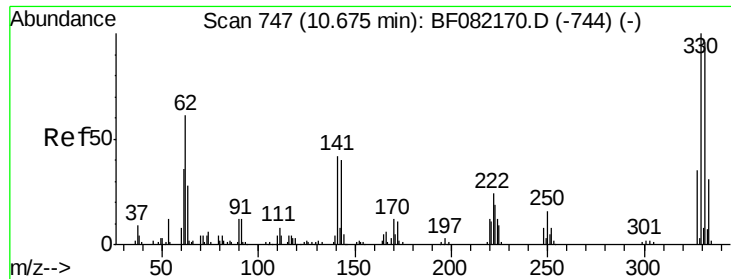
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Tgt Ion:164 Resp: 159029
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 44.2 36.4 54.6



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

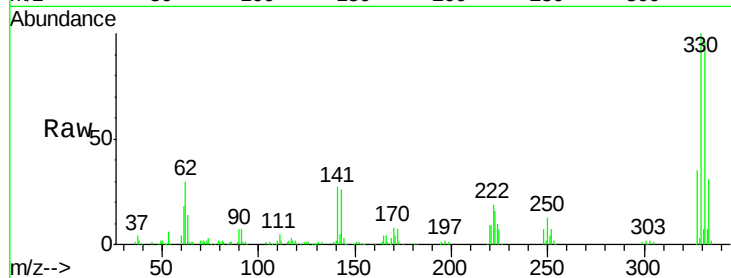




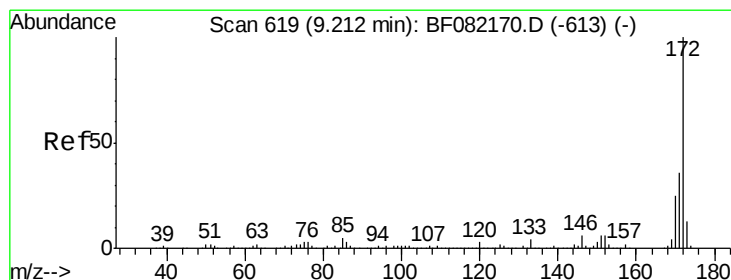
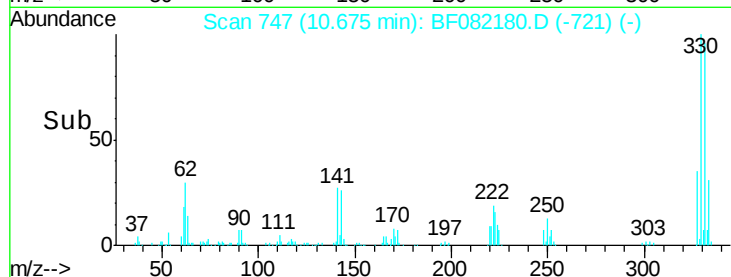
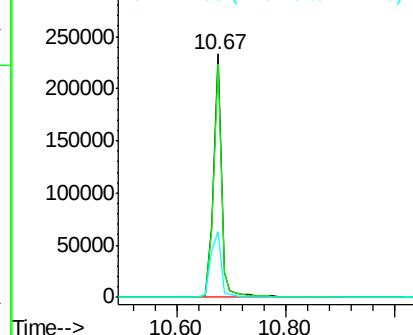
#41
 2,4,6-Tribromophenol
 Concen: 162.29 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-35-37

Tgt Ion:330 Resp: 242041
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 35.0 29.8 44.8

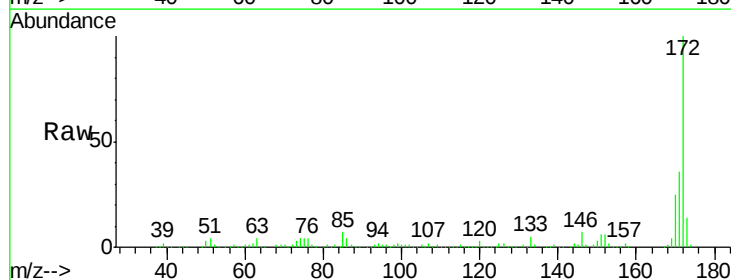


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

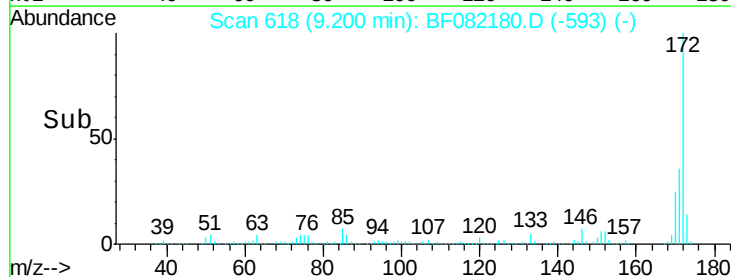
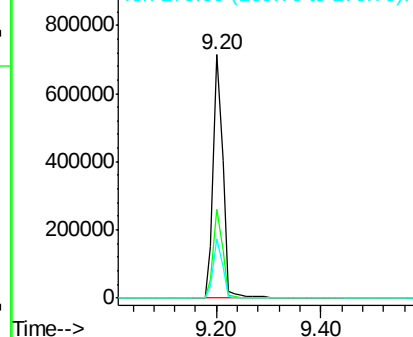


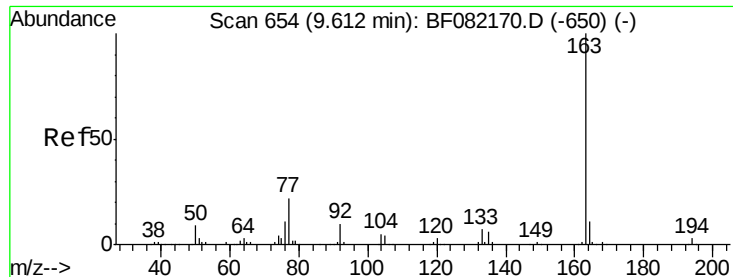
#44
 2-Fluorobiphenyl
 Concen: 96.64 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Tgt Ion:172 Resp: 926759
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.5 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

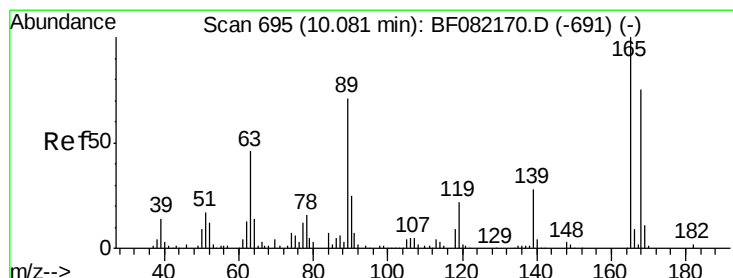
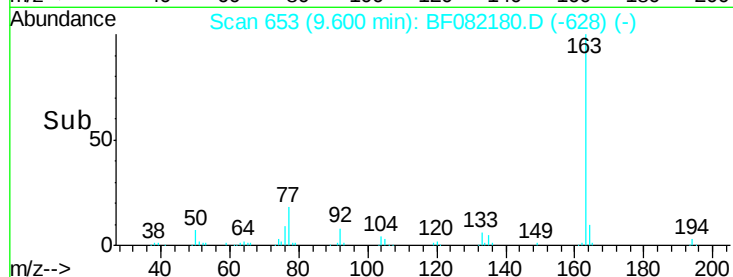
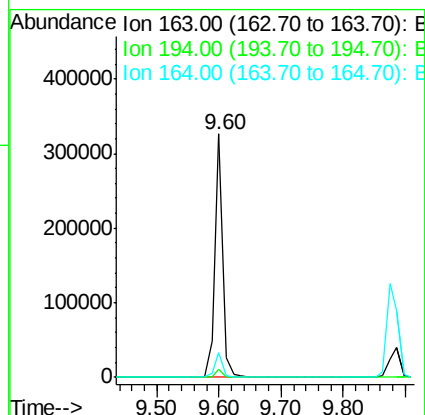
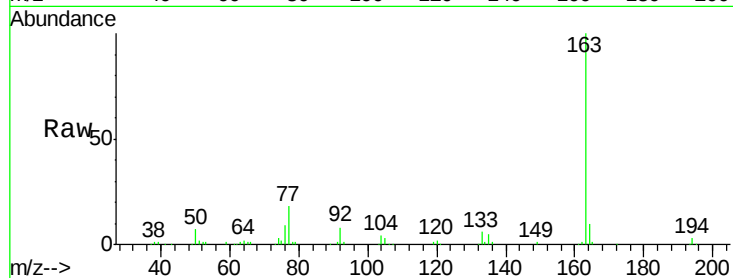




#49
Dimethylphthalate
Concen: 25.43 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

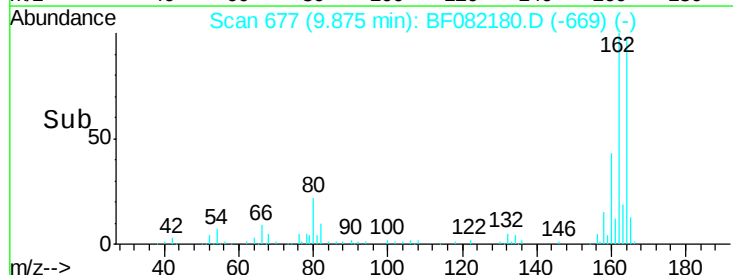
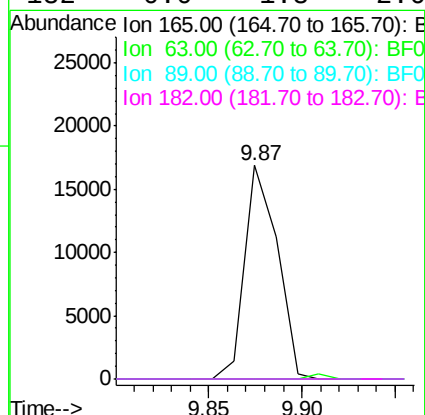
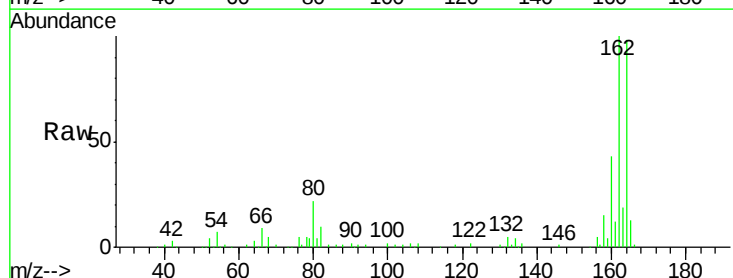
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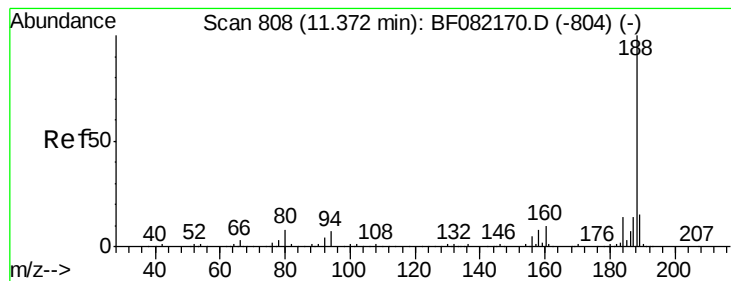
Tgt Ion:163 Resp: 284737
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Tgt Ion:165 Resp: 20523
Ion Ratio Lower Upper
165 100
63 0.0 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. -0.01 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

Instrument :

BNA_F

ClientSampleId :

MGP222BR-35-37

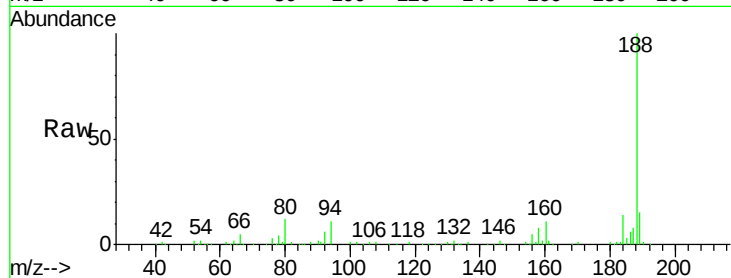
Tgt Ion:188 Resp: 314468

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.6#

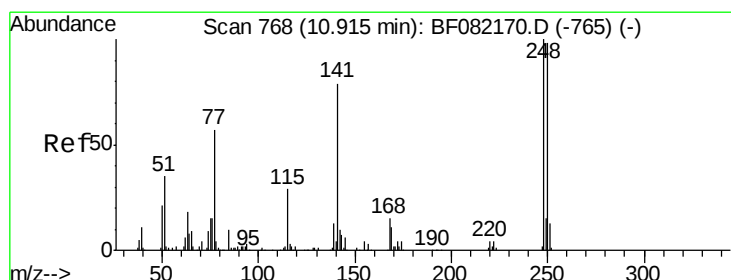
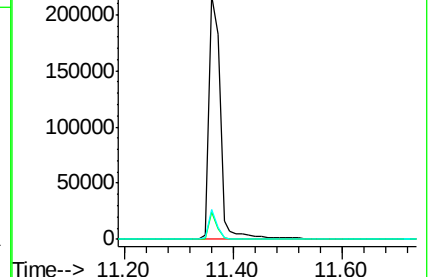
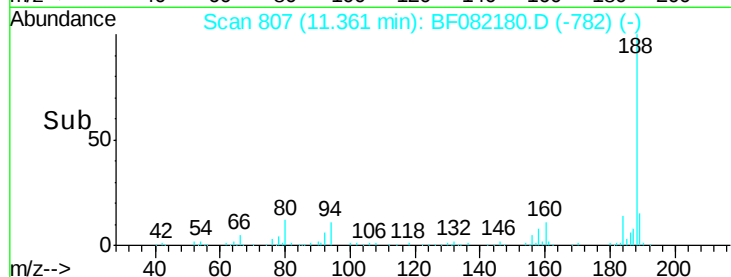
80 12.2 6.4 9.6#



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



#66

4-Bromophenyl-phenylether

Concen: 5.26 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

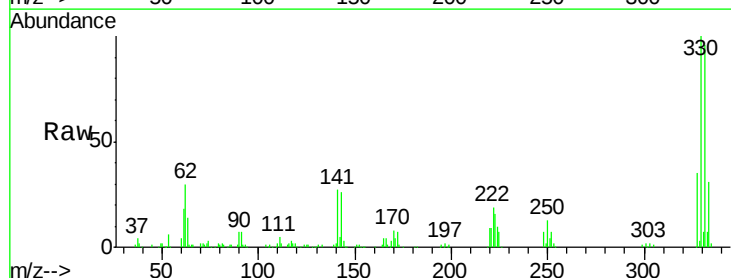
Tgt Ion:248 Resp: 16539

Ion Ratio Lower Upper

248 100

250 201.2 78.6 117.8#

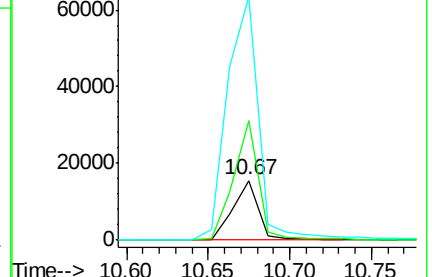
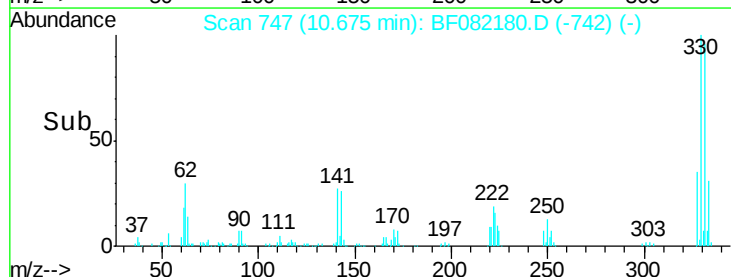
141 410.3 63.3 94.9#

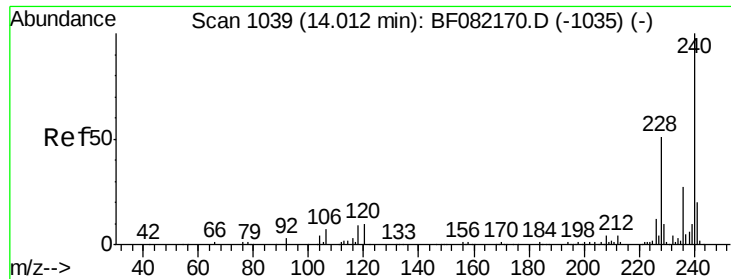


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

Instrument :

BNA_F

ClientSampleId :

MGP222BR-35-37

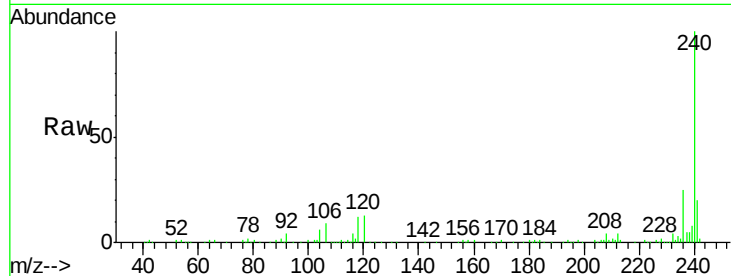
Tgt Ion:240 Resp: 301266

Ion Ratio Lower Upper

240 100

120 12.9 8.1 12.1#

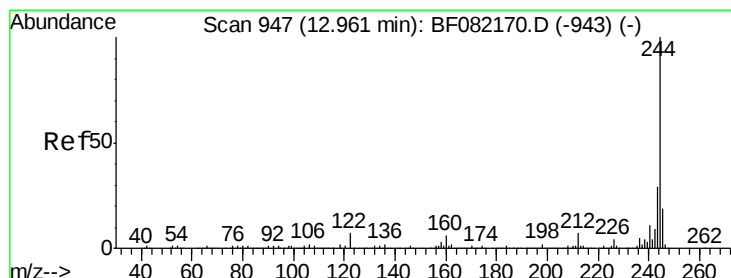
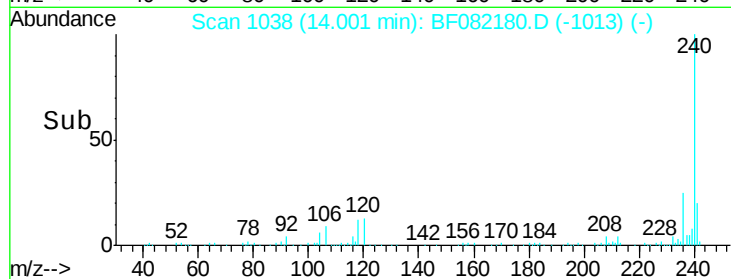
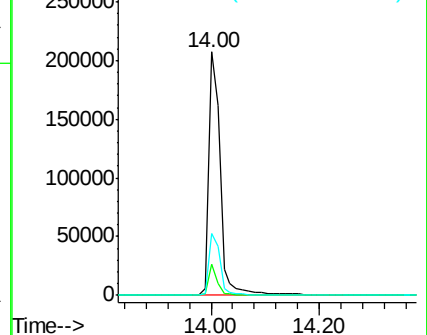
236 25.4 21.3 31.9



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: 87.44 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

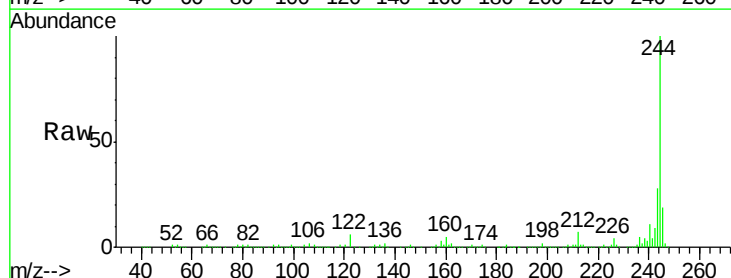
Tgt Ion:244 Resp: 994076

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

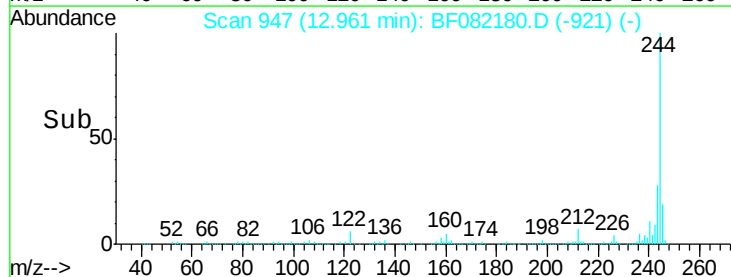
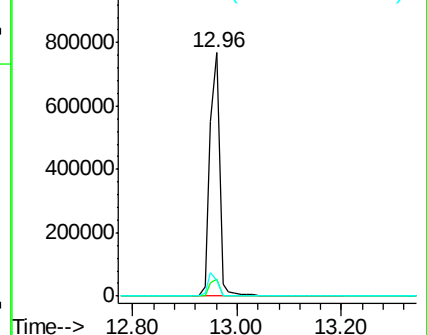
122 6.4 5.9 8.9

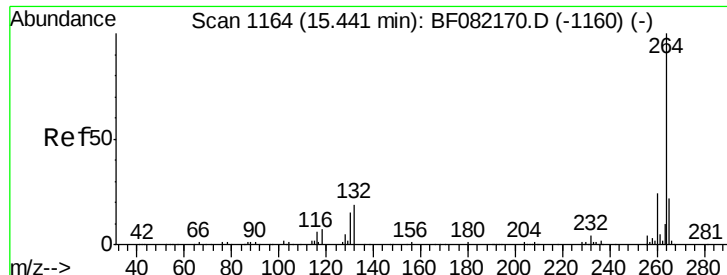


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

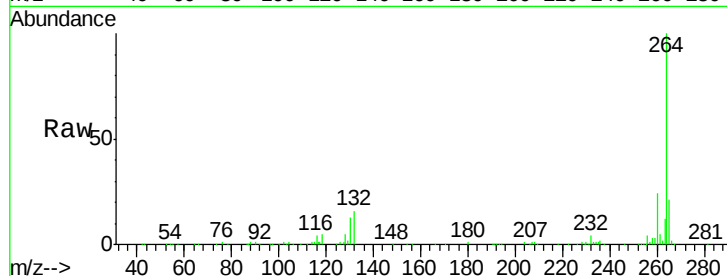




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Instrument :
BNA_F
ClientSampleId :
MGP222BR-35-37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.2	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

