

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081471.D
 Acq On : 5 Sep 2015 18:23
 Operator : UM/IZ
 Sample : G3559-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25

Quant Time: Sep 07 02:51:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

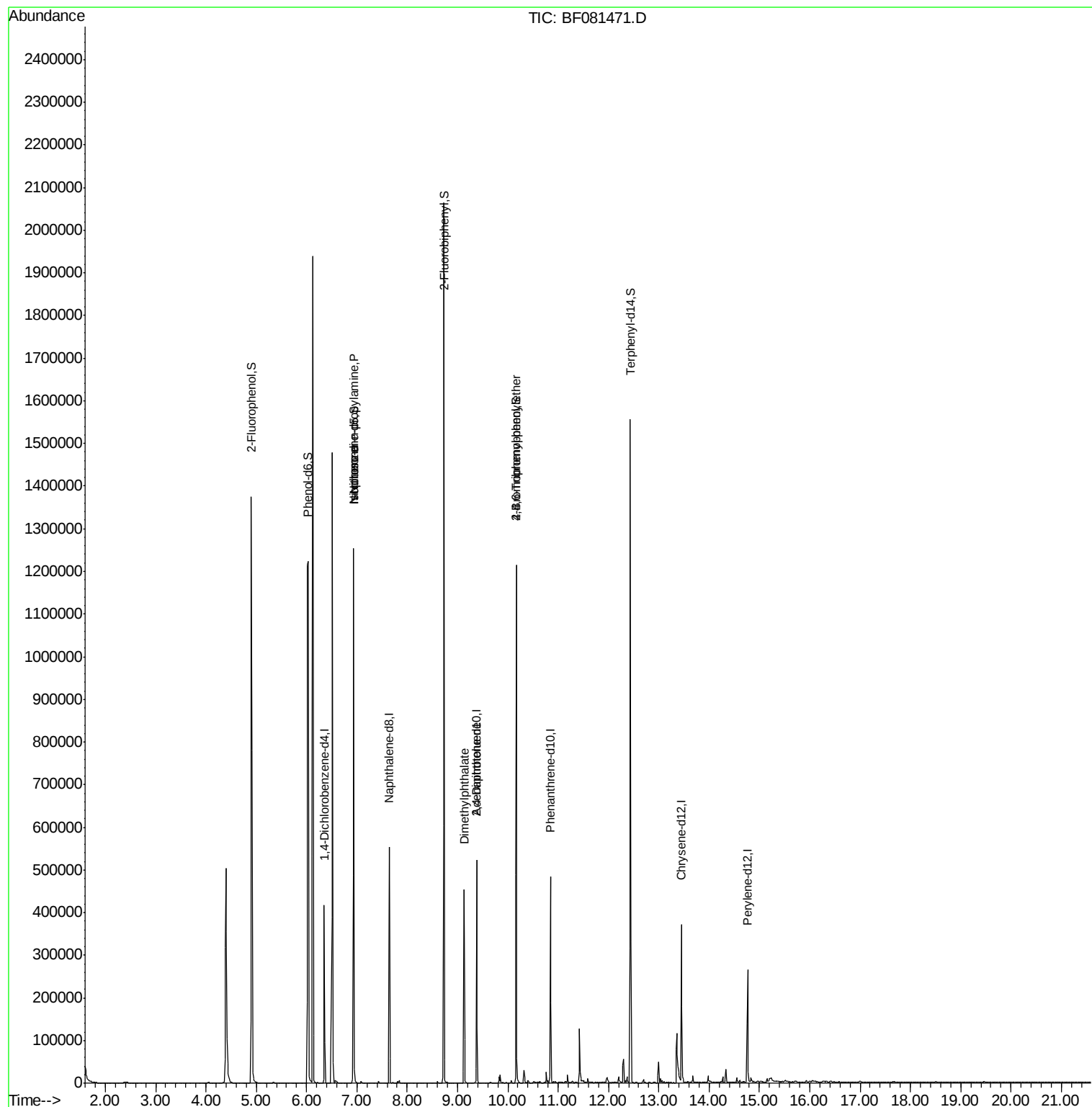
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55678	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	218827	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	100893	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	191386	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	152818	20.00	ng	-0.01
86) Perylene-d12	14.77	264	117690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	424816	118.38	ng	0.01
7) Phenol-d6	6.03	99	643090	135.38	ng	0.00
23) Nitrobenzene-d5	6.94	82	409280	90.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	118715	132.15	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	621782	78.98	ng	0.00
78) Terphenyl-d14	12.43	244	488029	74.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	56720	17.54	ng	# 62
25) Isophorone	6.94	82	298718	35.41	ng	# 58
49) Dimethylphthalate	9.13	163	172333	21.98	ng	# 96
56) 2,4-Dinitrotoluene	9.38	165	13295	5.87	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9929	5.13	ng	# 1

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

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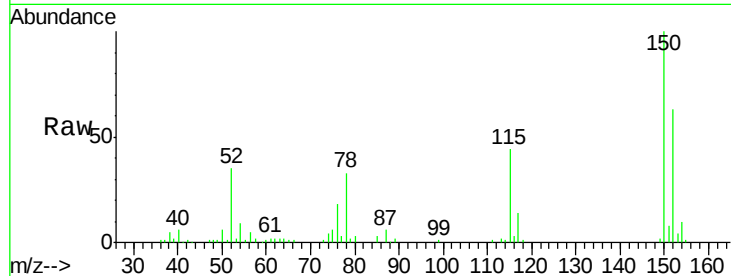


#1

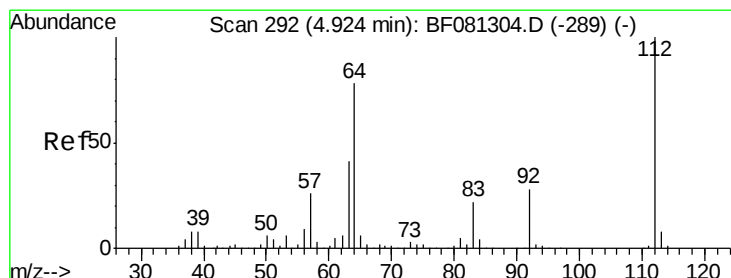
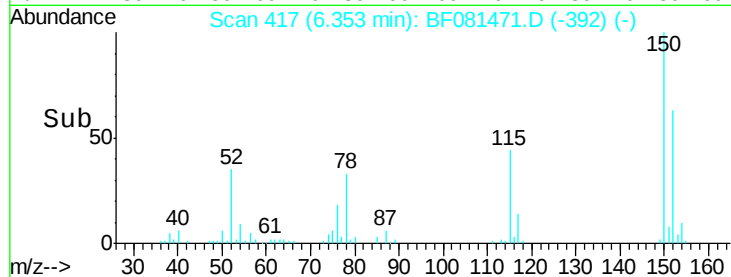
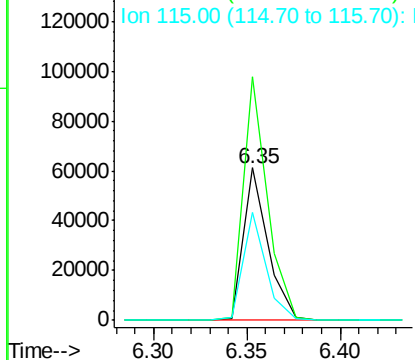
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25

Tot Ion:152 Resp: 55678
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 70.6 39.0 58.4#



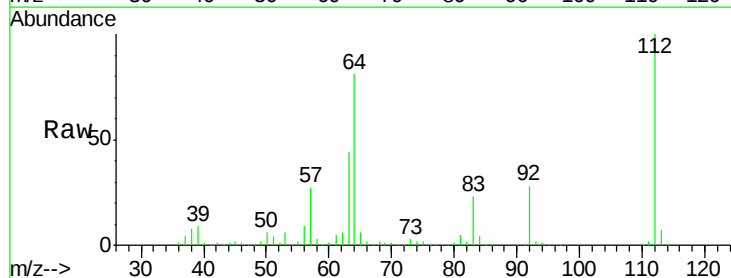
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



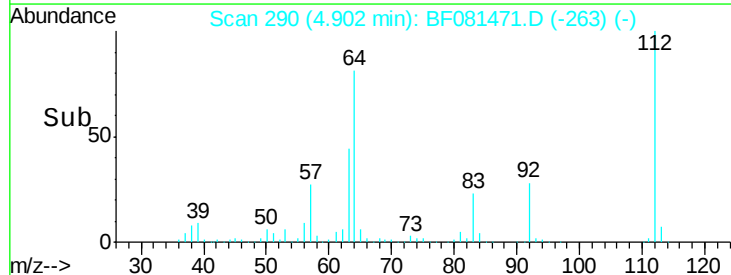
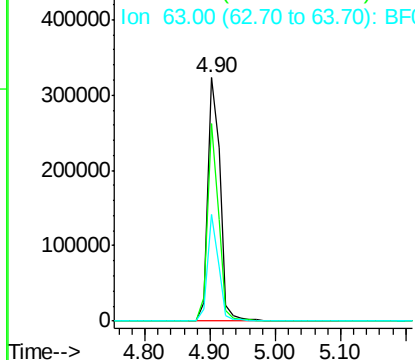
#5

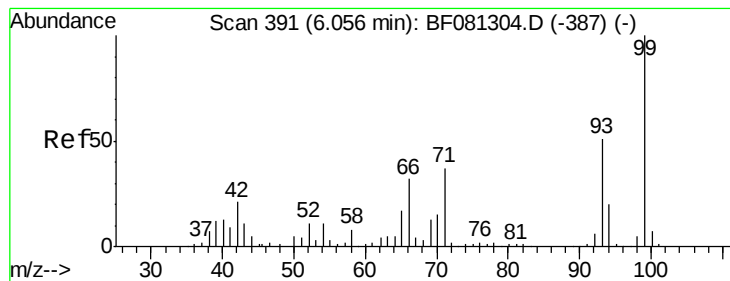
2-Fluorophenol
Concen: 118.38 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

Tgt Ion:112 Resp: 424816
Ion Ratio Lower Upper
112 100
64 81.1 39.7 59.5#
63 43.6 17.4 26.0#



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: 135.38 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081471.D

Acq: 5 Sep 2015 18:23

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25

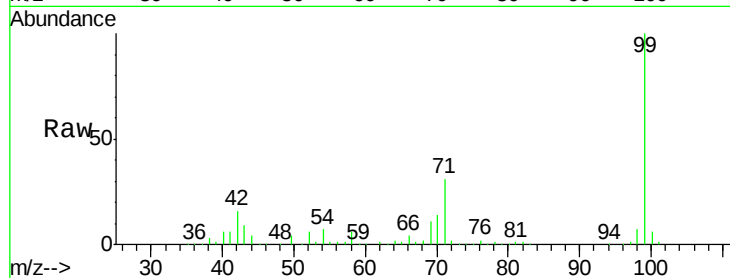
Tot Ion: 99 Resp: 643090

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

71 31.2 14.2 21.2#



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

6.03

500000

400000

300000

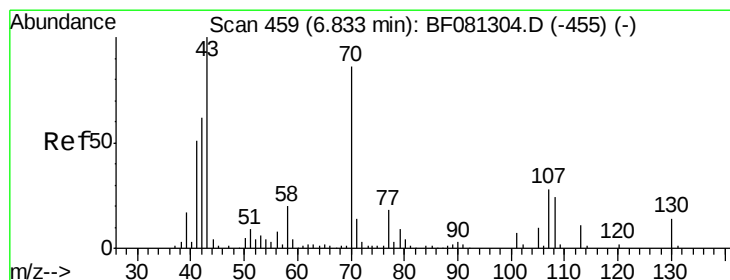
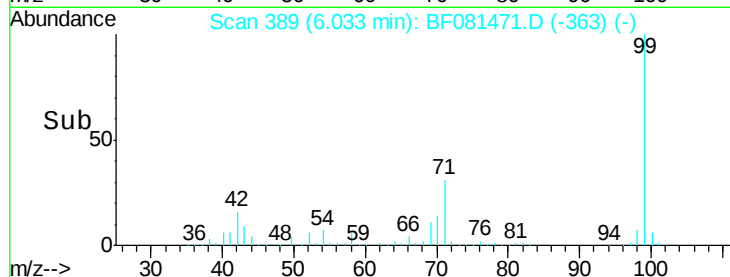
200000

100000

0

5.95 6.00 6.05 6.10

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.54 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081471.D

Acq: 5 Sep 2015 18:23

Tgt Ion: 70 Resp: 56720

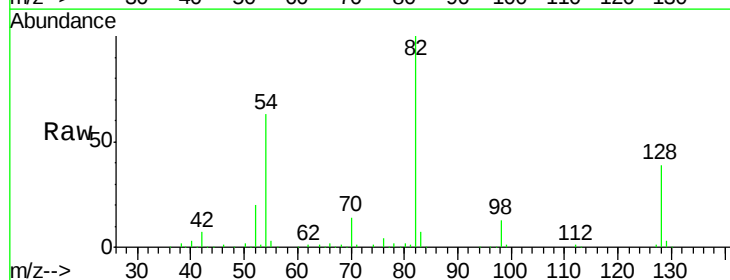
Ion Ratio Lower Upper

70 100

42 51.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#



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

6.94

80000

60000

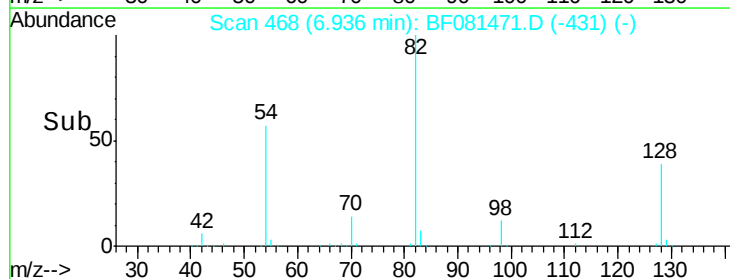
40000

20000

0

6.85 6.90 6.95 7.00

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081471.D

Acq: 5 Sep 2015 18:23

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25

Tot Ion:136 Resp: 218827

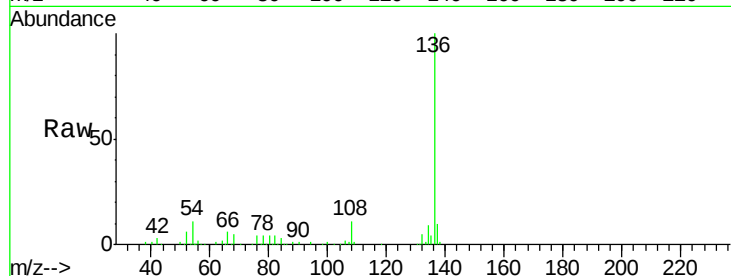
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 11.4 8.2 12.2

68 4.6 5.8 8.6#

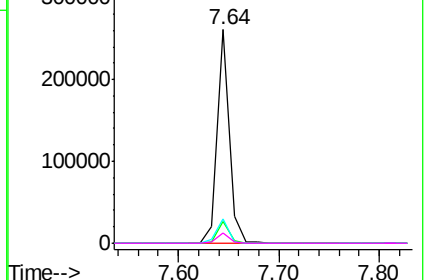
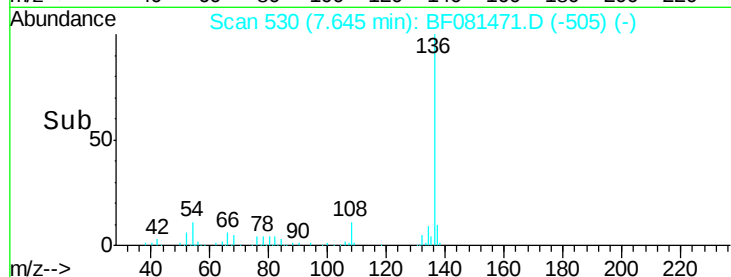


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.24 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081471.D

Acq: 5 Sep 2015 18:23

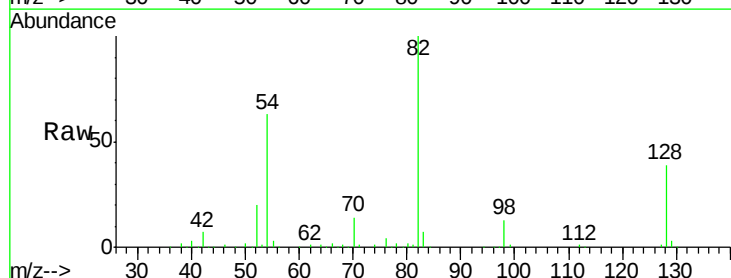
Tgt Ion: 82 Resp: 409280

Ion Ratio Lower Upper

82 100

128 39.2 51.0 76.6#

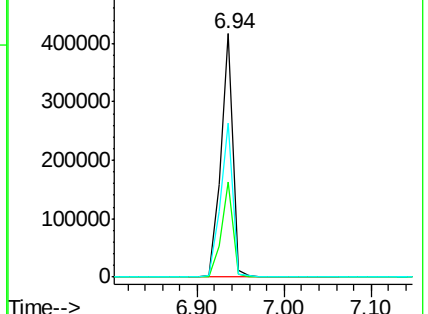
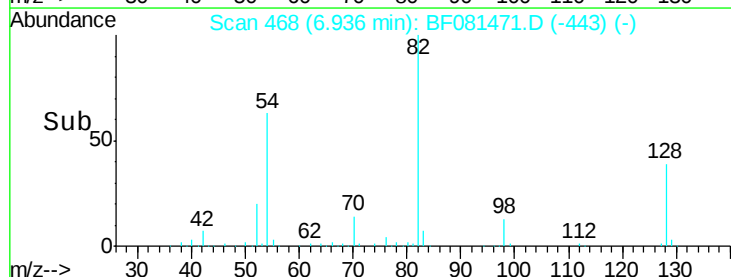
54 63.1 47.5 71.3

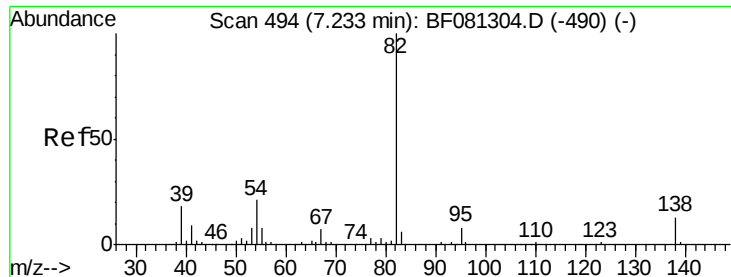


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.41 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081471.D

Acq: 5 Sep 2015 18:23

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25

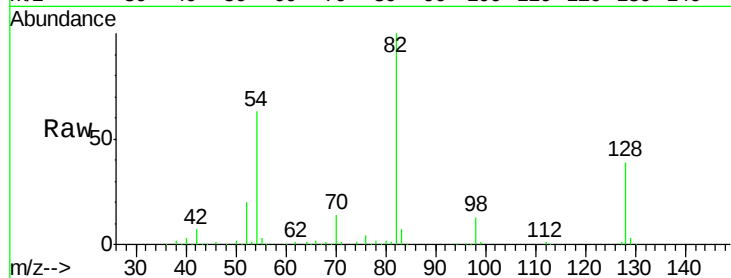
Tot Ion: 82 Resp: 298718

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

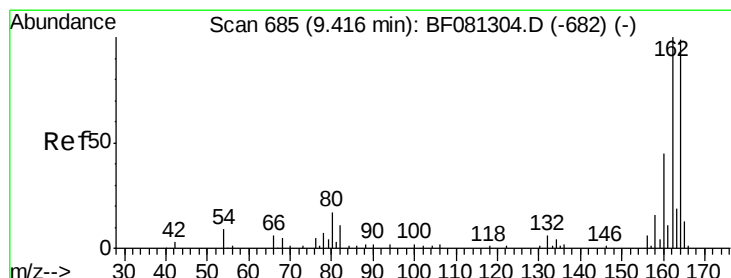
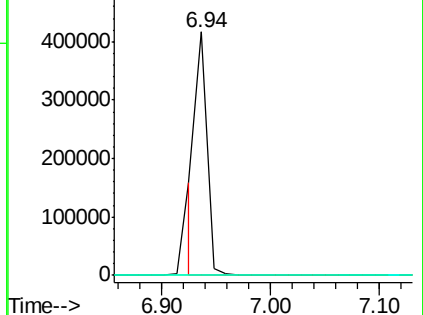
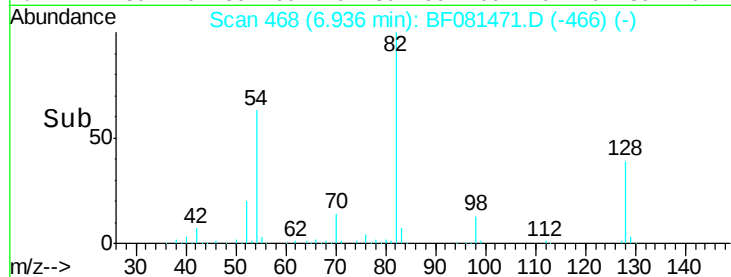
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081471.D

Acq: 5 Sep 2015 18:23

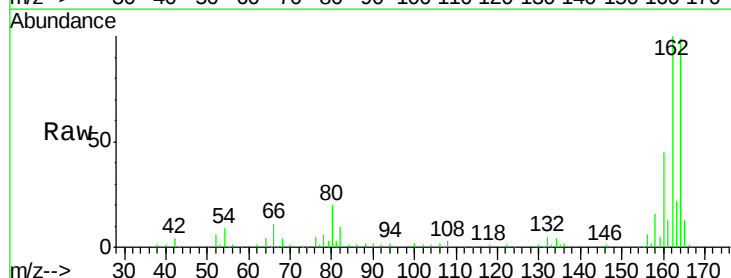
Tgt Ion: 164 Resp: 100893

Ion Ratio Lower Upper

164 100

162 101.2 75.2 112.8

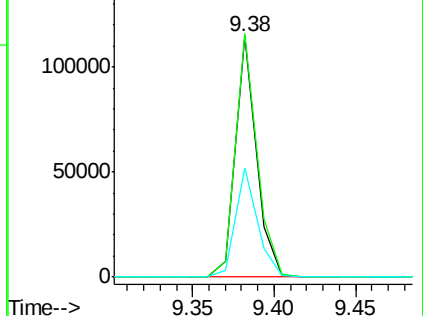
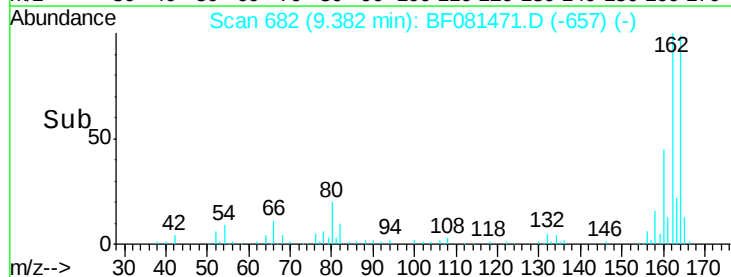
160 45.2 31.5 47.3

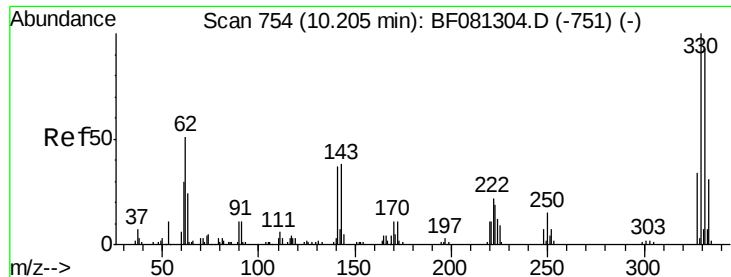


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

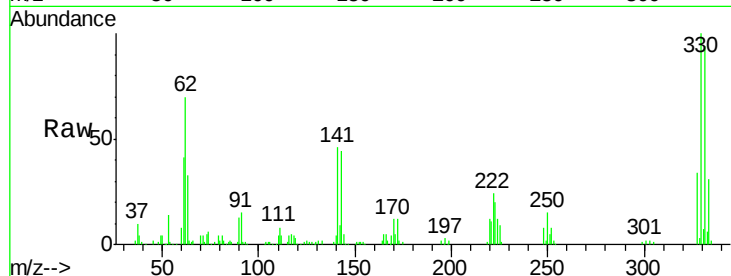




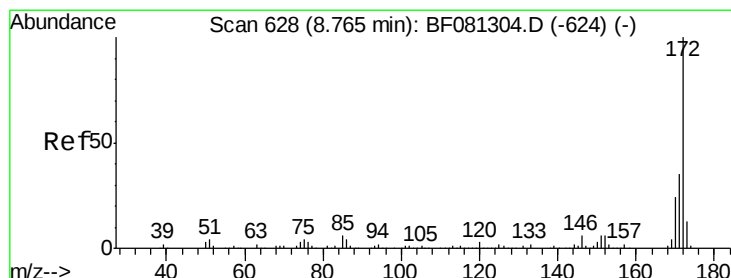
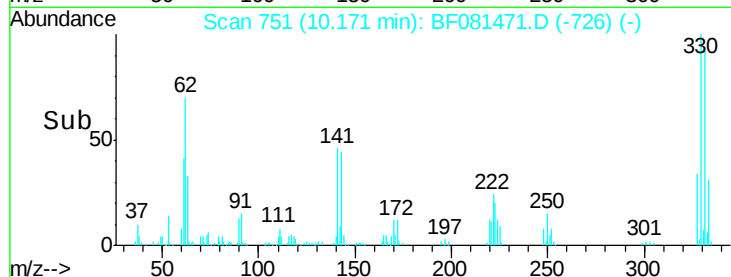
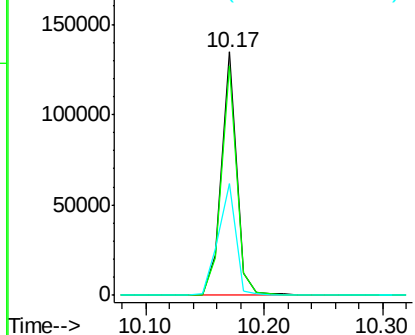
#41
 2,4,6-Tribromophenol
 Concen: 132.15 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081471.D
 Acq: 5 Sep 2015 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25

Tot Ion:330 Resp: 118715
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 114.8
 141 52.8 29.7 44.5#

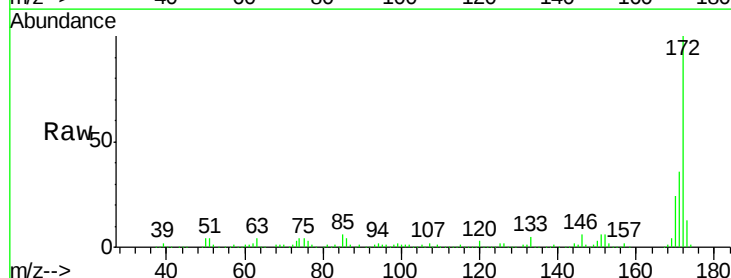


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

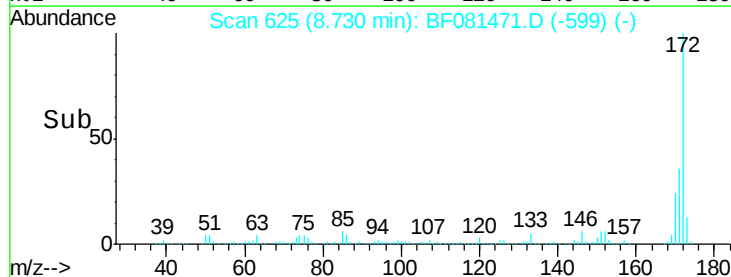
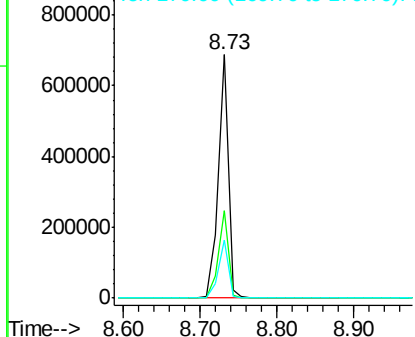


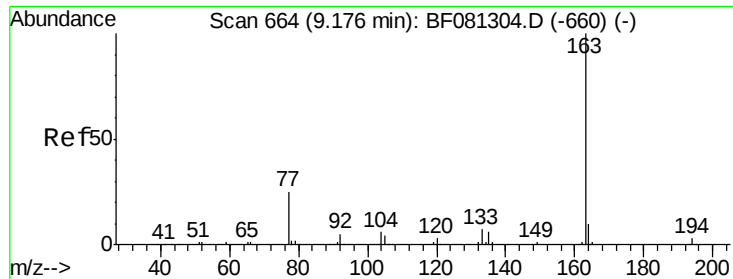
#44
 2-Fluorobiphenyl
 Concen: 78.98 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081471.D
 Acq: 5 Sep 2015 18:23

Tgt Ion:172 Resp: 621782
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.9 17.4 26.2



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

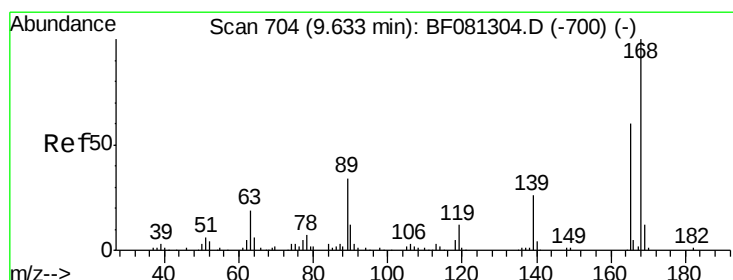
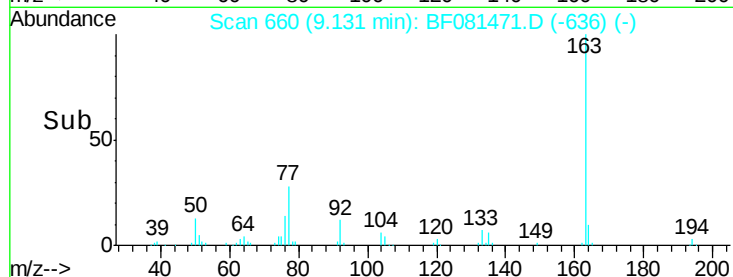
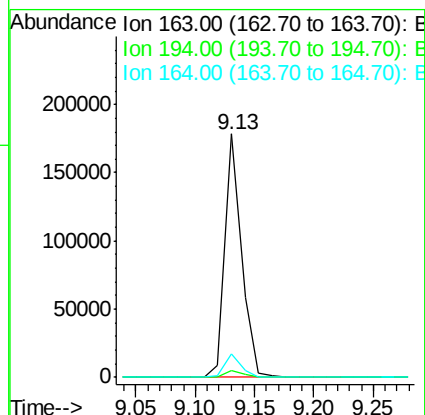
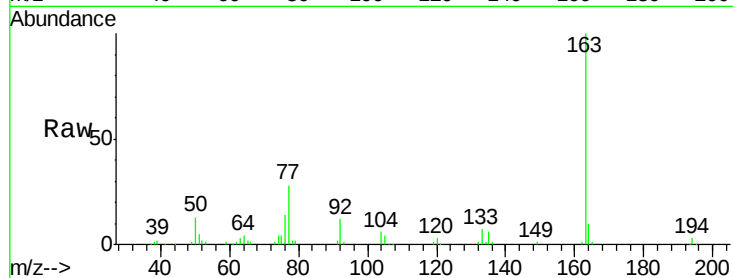




#49
Dimethylphthalate
Concen: 21.98 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

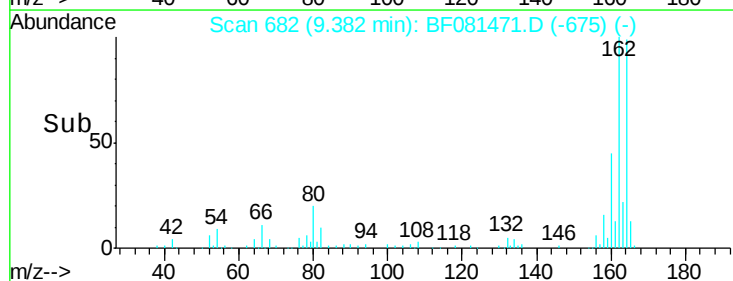
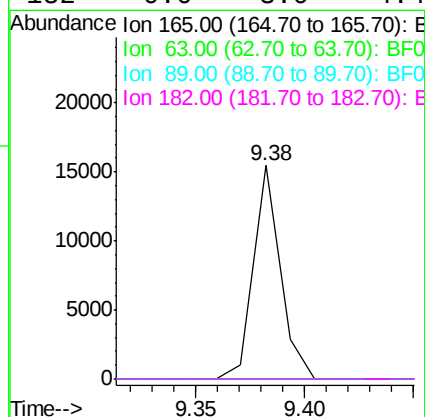
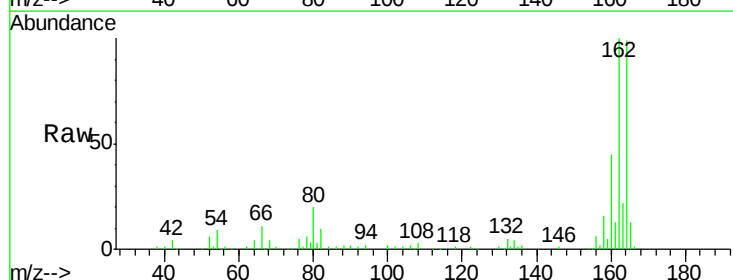
Instrument :
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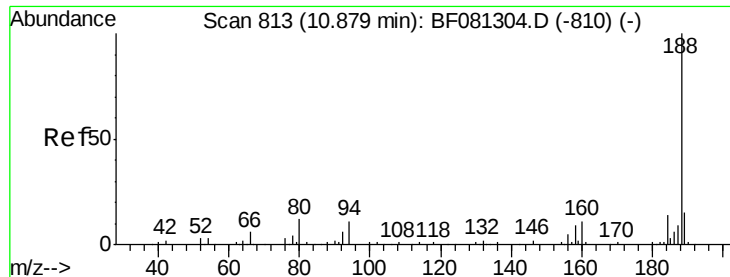
Tot Ion:163 Resp: 172333
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 9.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

Tgt Ion:165 Resp: 13295
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

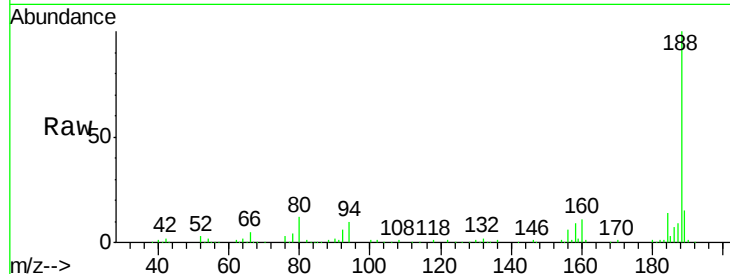




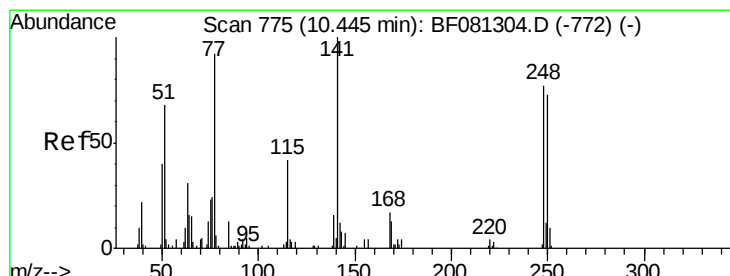
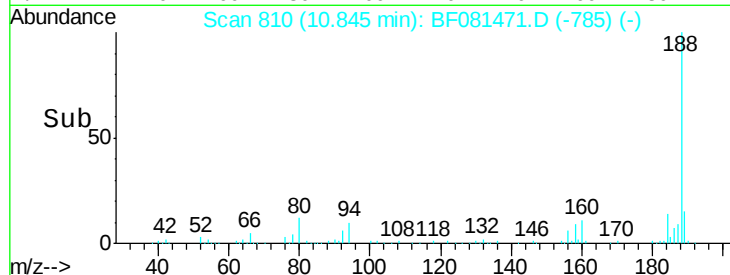
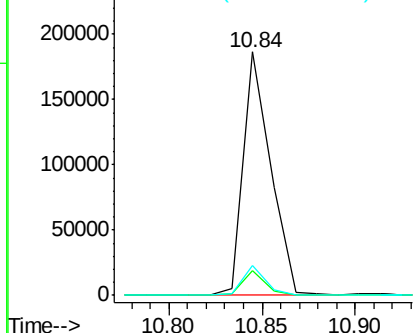
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25

Tot Ion:188 Resp: 191386
Ion Ratio Lower Upper
188 100
94 10.3 11.1 16.7#
80 12.1 11.0 16.4

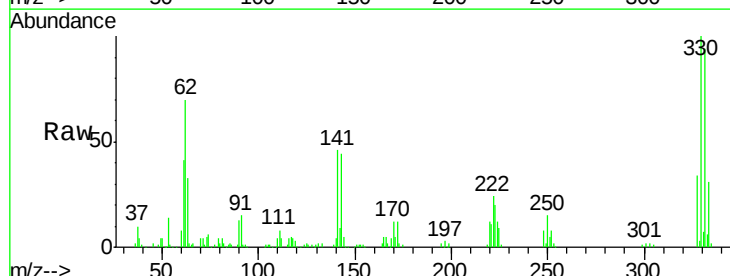


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

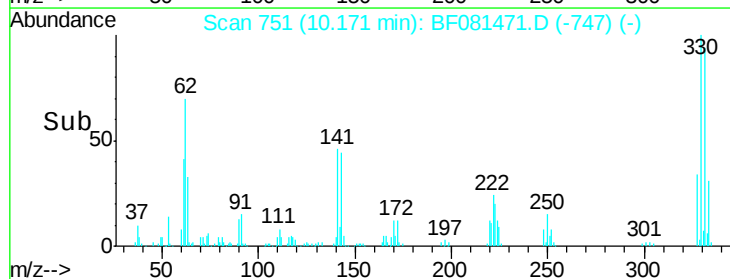
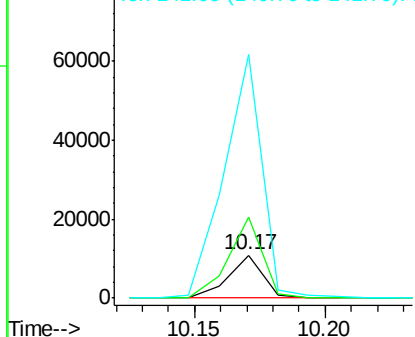


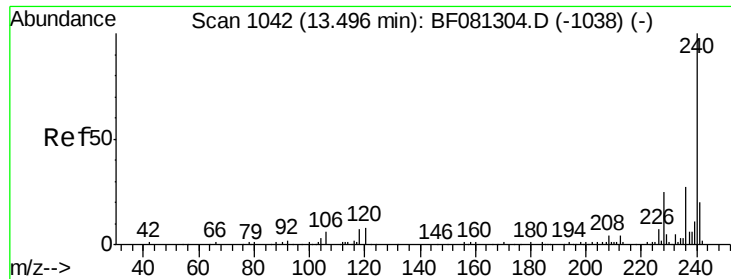
#66
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

Tgt Ion:248 Resp: 9929
Ion Ratio Lower Upper
248 100
250 187.9 78.5 117.7#
141 566.3 59.0 88.6#



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

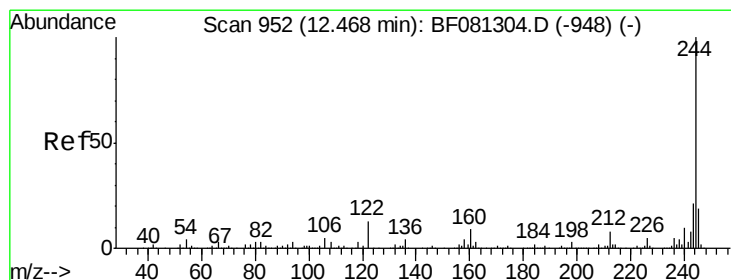
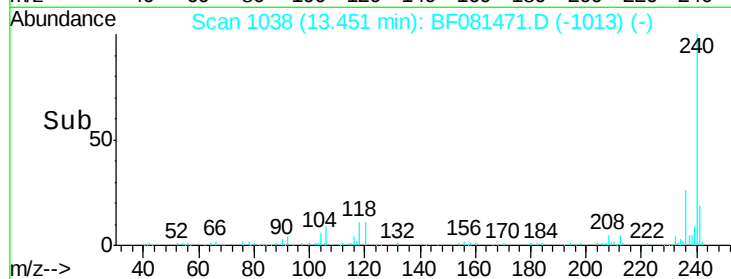
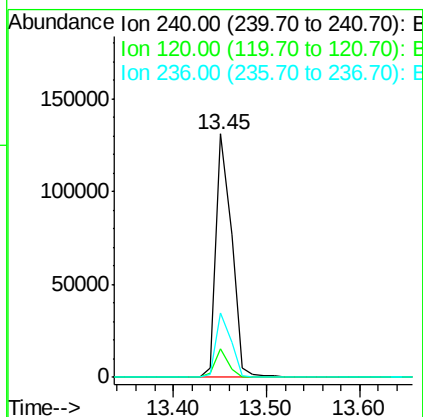
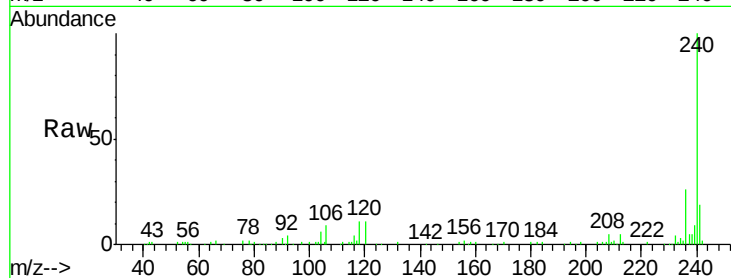




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081471.D
 Acq: 5 Sep 2015 18:23

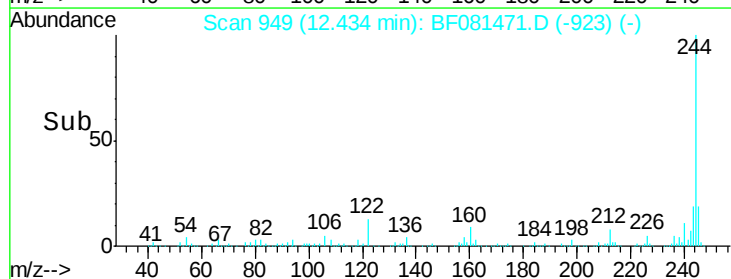
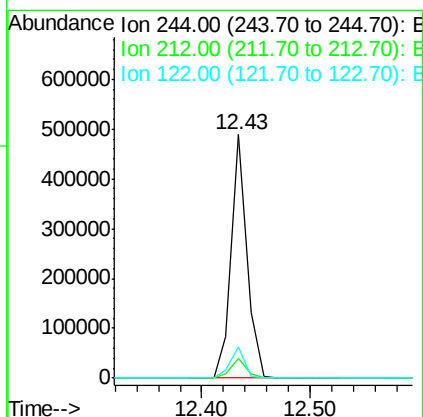
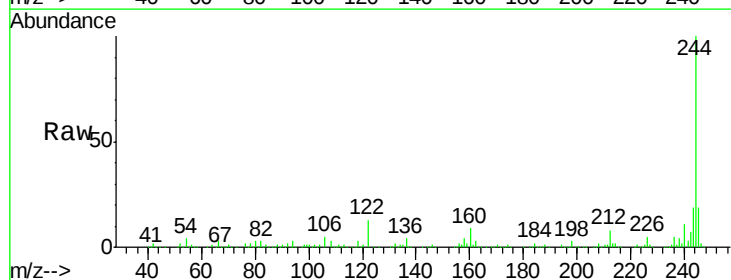
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25

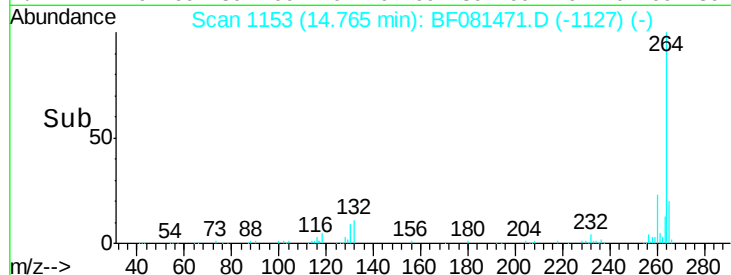
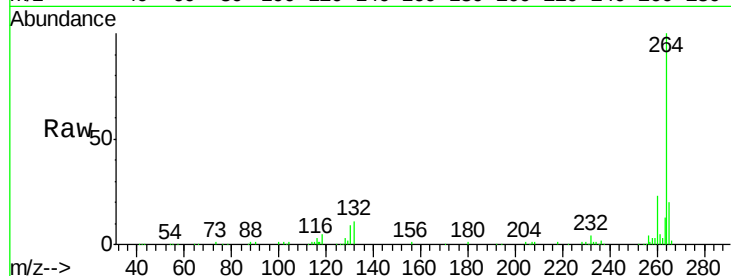
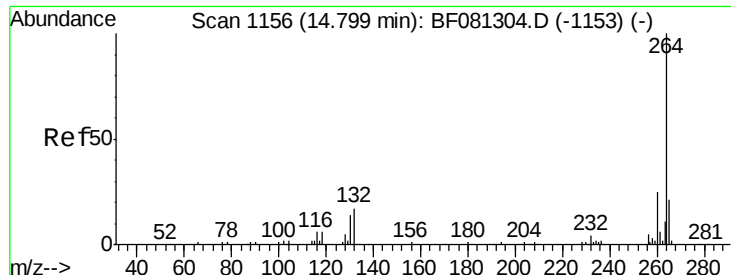
Tot Ion:240 Resp: 152818
 Ion Ratio Lower Upper
 240 100
 120 11.5 16.2 24.2#
 236 26.5 18.4 27.6



#78
 Terphenyl-d14
 Concen: 74.34 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081471.D
 Acq: 5 Sep 2015 18:23

Tgt Ion:244 Resp: 488029
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 13.0 17.4 26.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081471.D
Acq: 5 Sep 2015 18:23

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25

Tot Ion:	264	Resp:	117690
Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	20.2	17.2	25.8

