

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081488.D
 Acq On : 6 Sep 2015 3:36
 Operator : UM/IZ
 Sample : G3519-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25

Quant Time: Sep 07 01:33:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

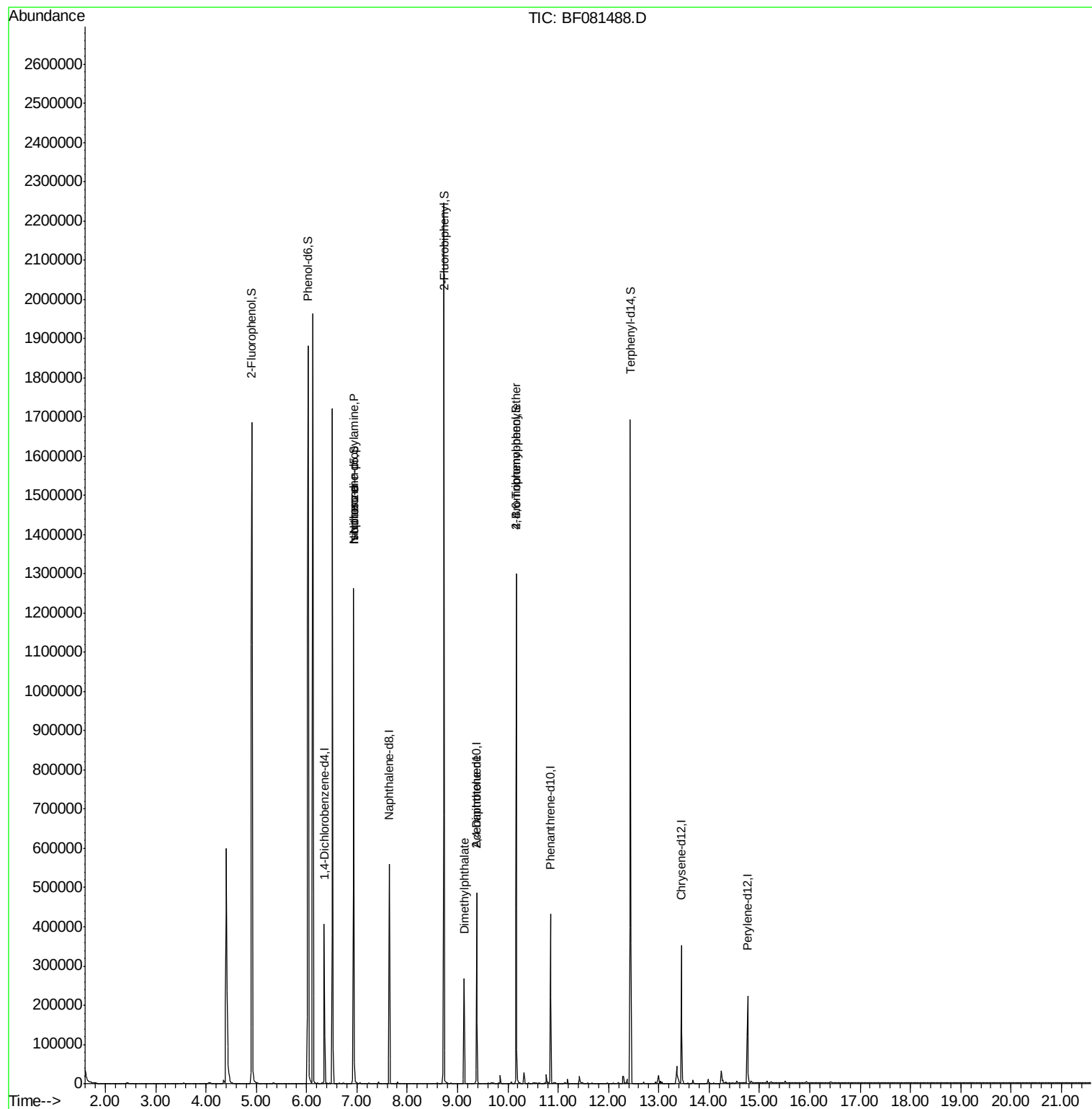
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57738	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	222063	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	98918	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	186601	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	134873	20.00	ng	-0.05
86) Perylene-d12	14.77	264	101770	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	531580	142.84	ng	-0.01
7) Phenol-d6	6.03	99	742296	150.69	ng	-0.02
23) Nitrobenzene-d5	6.94	82	418109	90.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	119819	136.04	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	682721	88.45	ng	-0.03
78) Terphenyl-d14	12.43	244	545423	94.14	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	58536	17.46	ng	# 62
25) Isophorone	6.94	82	301065	35.17	ng	# 58
49) Dimethylphthalate	9.13	163	96719	12.58	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12780	5.75	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9834	5.21	ng	# 1

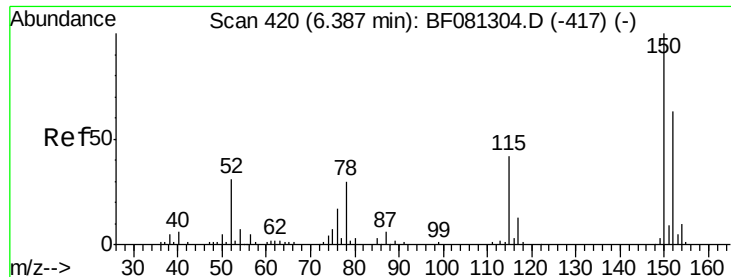
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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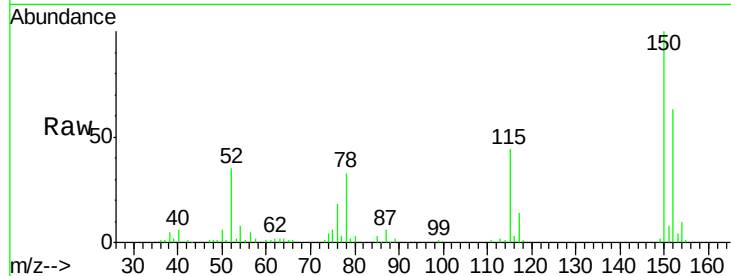


#1

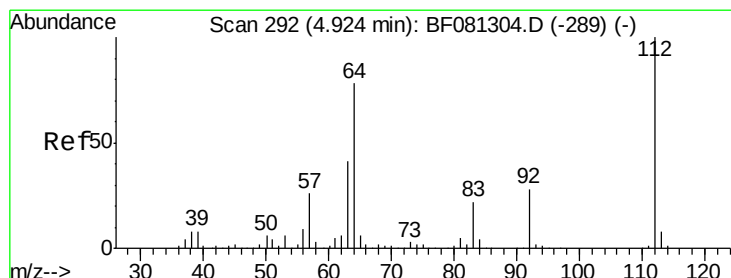
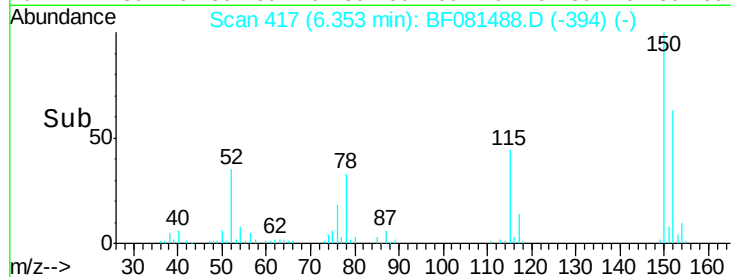
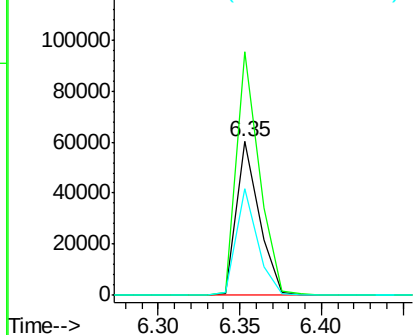
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081488.D
Acq: 6 Sep 2015 3:36

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25

Tot Ion:152 Resp: 57738
Ion Ratio Lower Upper
152 100
150 158.4 124.7 187.1
115 69.2 39.0 58.4#



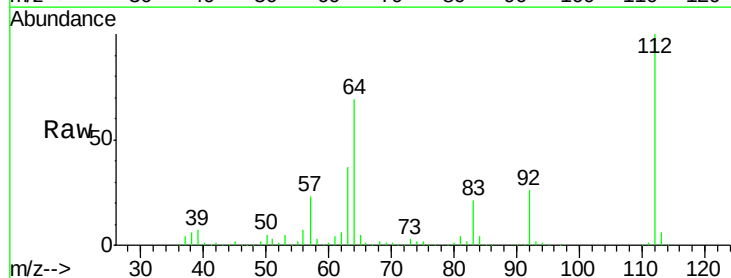
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



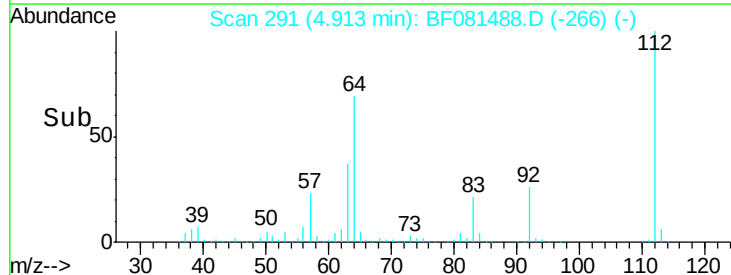
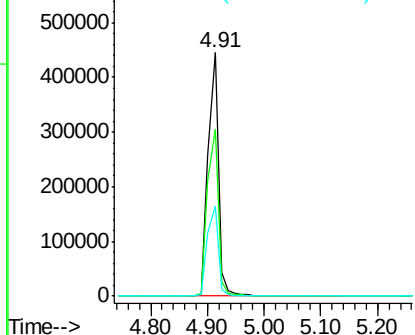
#5

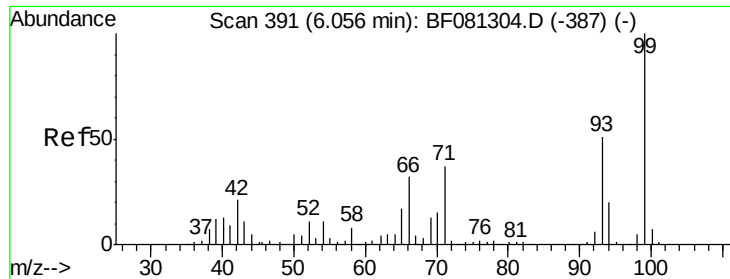
2-Fluorophenol
Concen: 142.84 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081488.D
Acq: 6 Sep 2015 3:36

Tgt Ion:112 Resp: 531580
Ion Ratio Lower Upper
112 100
64 68.7 39.7 59.5#
63 36.9 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: 150.69 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25

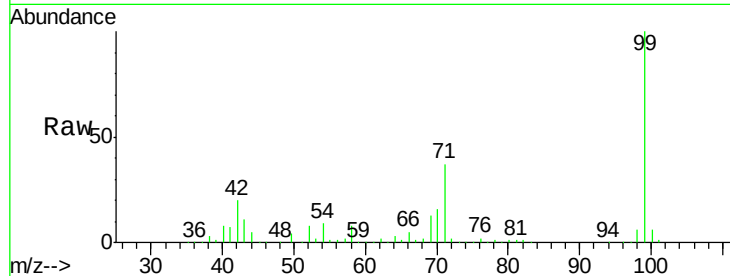
Tot Ion: 99 Resp: 742296

Ion Ratio Lower Upper

99 100

42 20.2 13.7 20.5

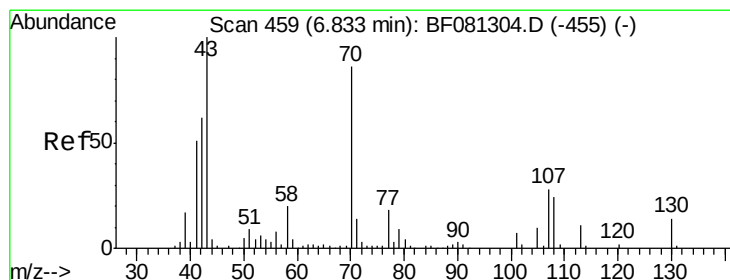
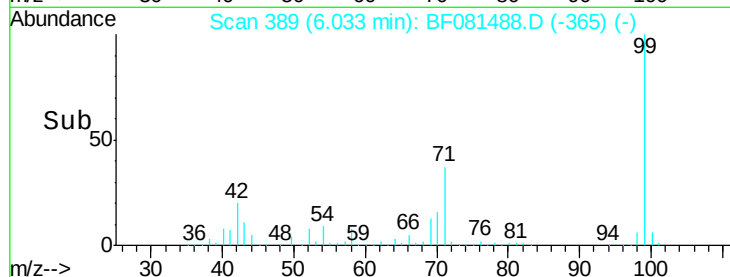
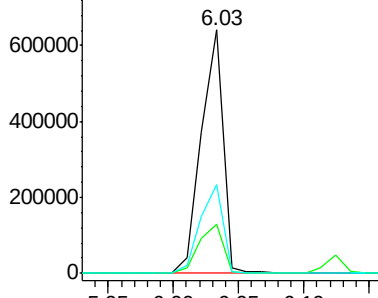
71 36.5 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.46 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

Tgt Ion: 70 Resp: 58536

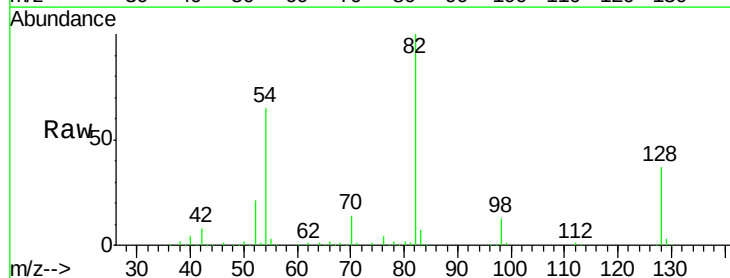
Ion Ratio Lower Upper

70 100

42 52.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

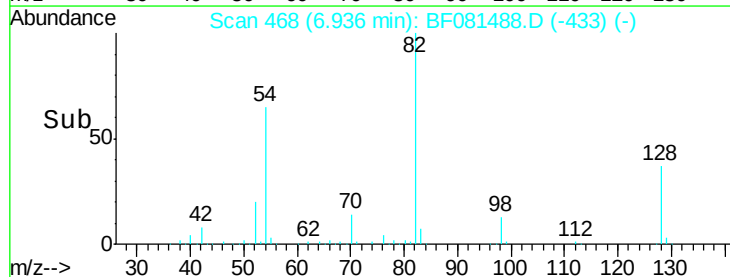
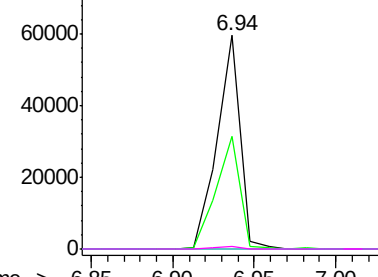


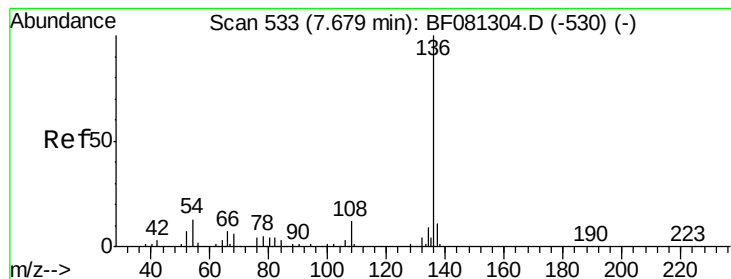
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

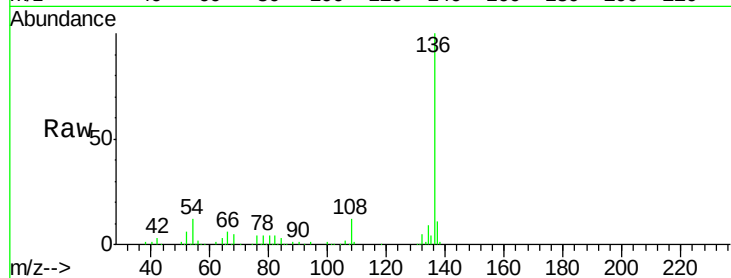
Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25

Tot Ion:136	Resp:	222063
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	12.2	8.2 12.2
68	5.3	5.8 8.6#

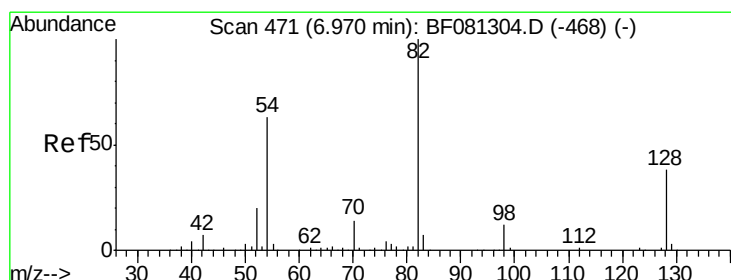
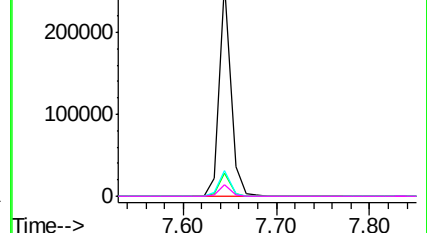
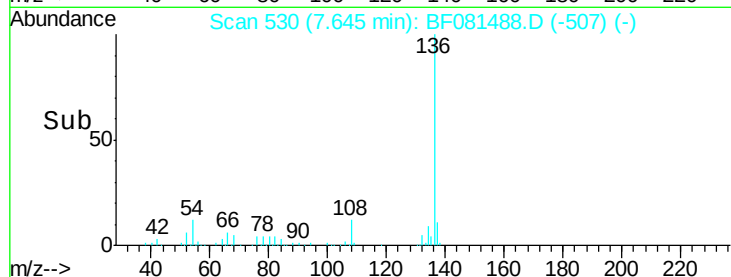


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.84 ng

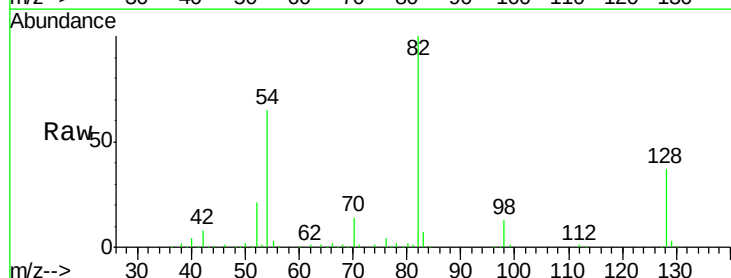
RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

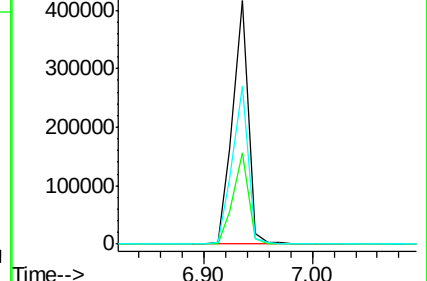
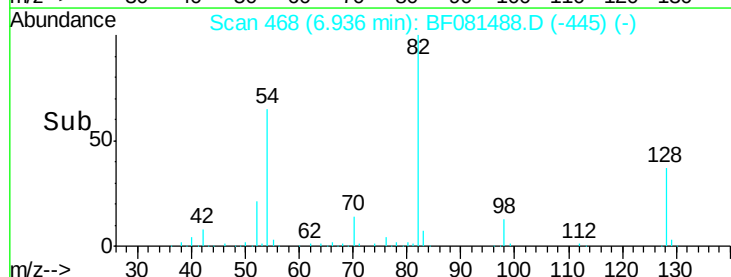
Tgt Ion: 82	Resp:	418109
Ion Ratio	Lower	Upper
82	100	
128	37.5	51.0 76.6#
54	64.7	47.5 71.3

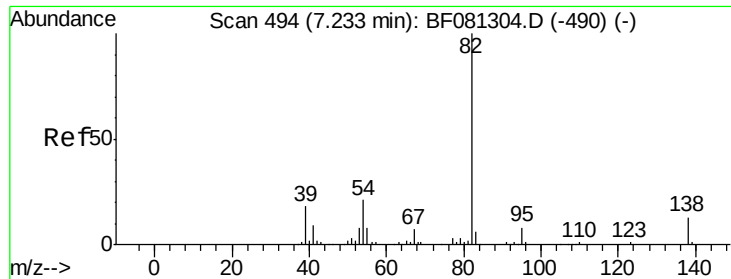


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.17 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25

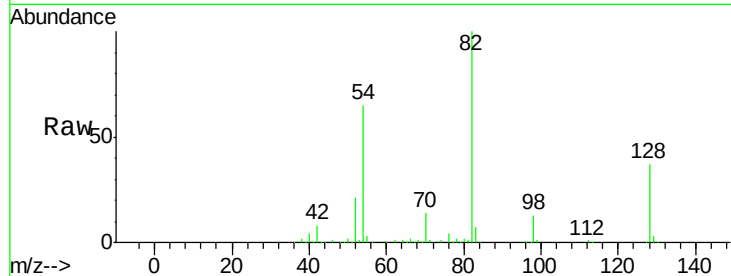
Tot Ion: 82 Resp: 301065

Ion Ratio Lower Upper

82 100

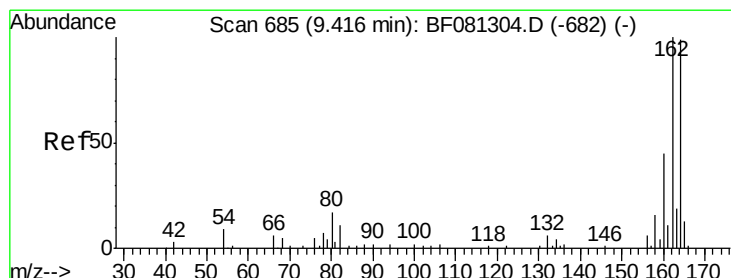
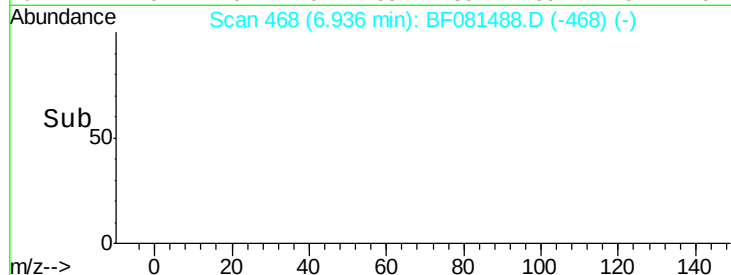
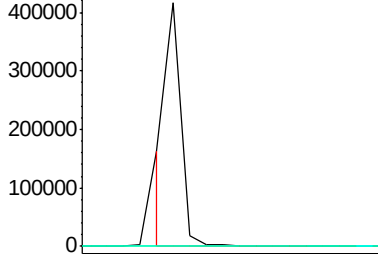
95 0.0 4.0 6.0#

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): E

6.94



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

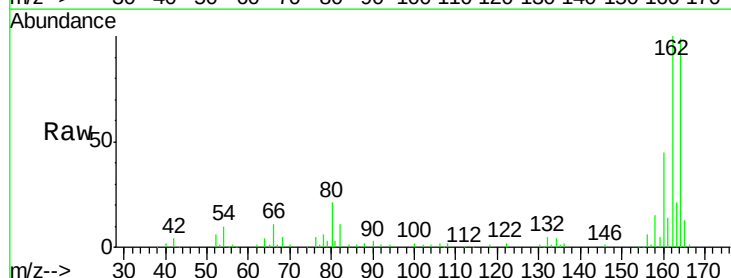
Tgt Ion: 164 Resp: 98918

Ion Ratio Lower Upper

164 100

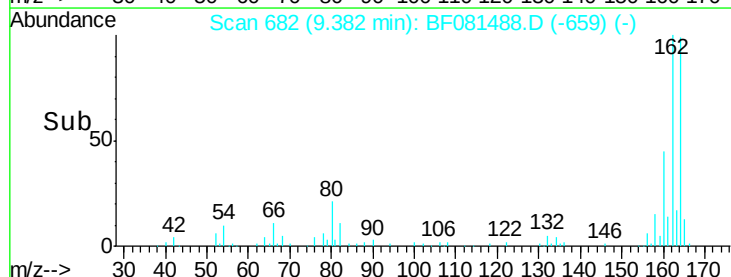
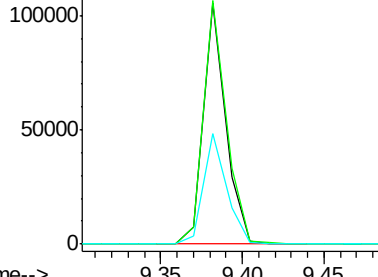
162 100.9 75.2 112.8

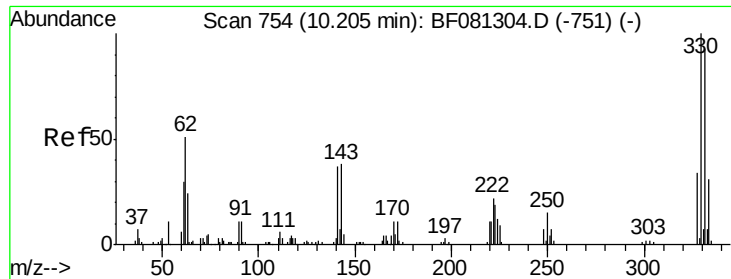
160 45.8 31.5 47.3



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

9.38

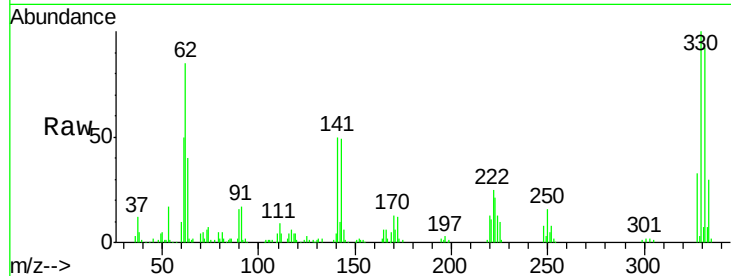




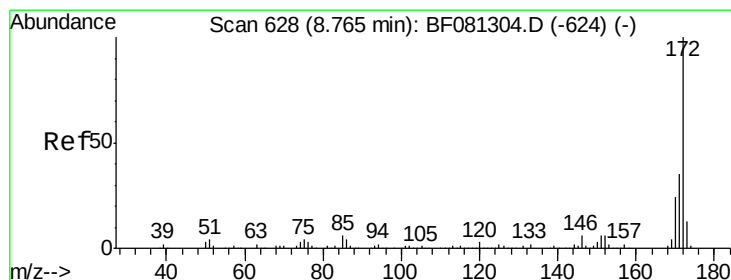
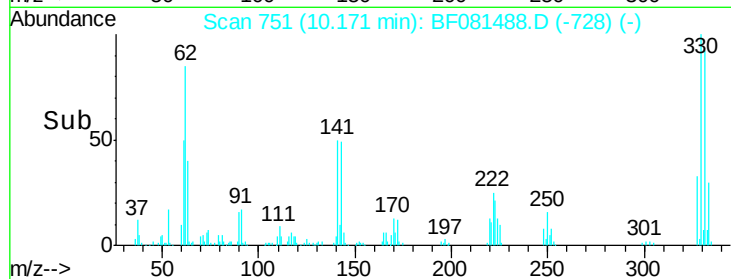
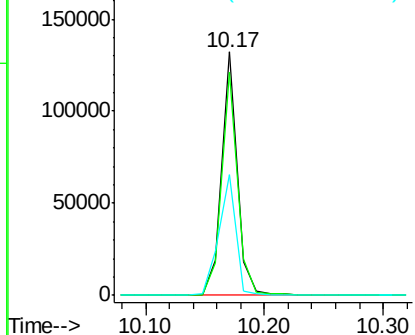
#41
 2,4,6-Tribromophenol
 Concen: 136.04 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081488.D
 Acq: 6 Sep 2015 3:36

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25

Tot Ion:330 Resp: 119819
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.6 114.8
 141 53.8 29.7 44.5#

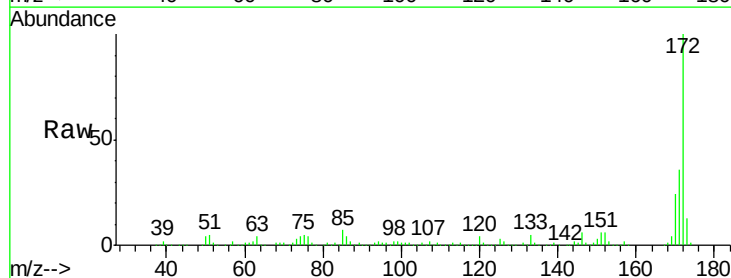


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

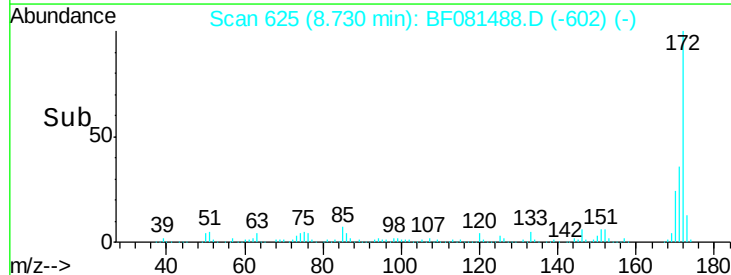
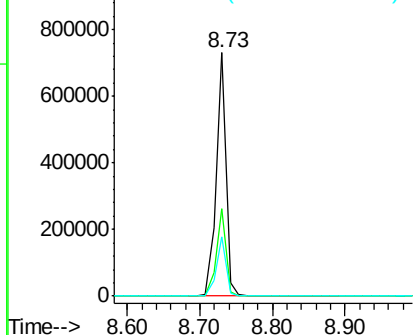


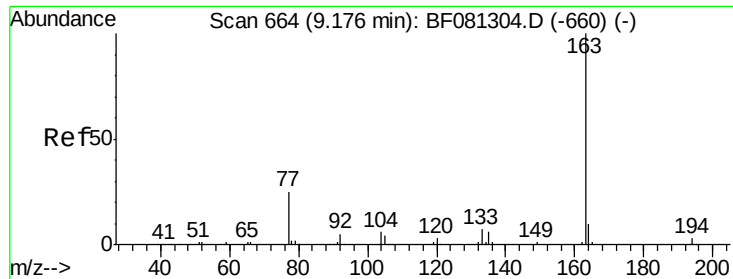
#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081488.D
 Acq: 6 Sep 2015 3:36

Tgt Ion:172 Resp: 682721
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.2 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

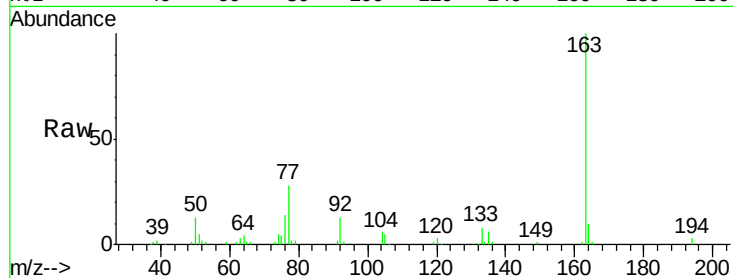




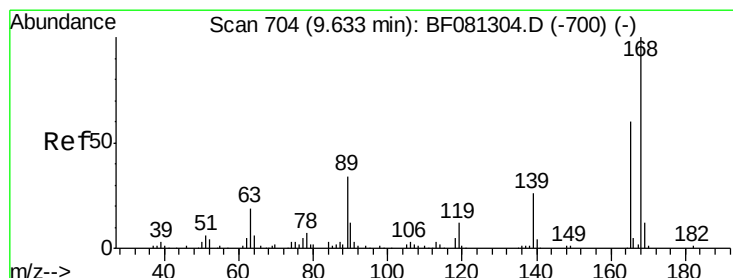
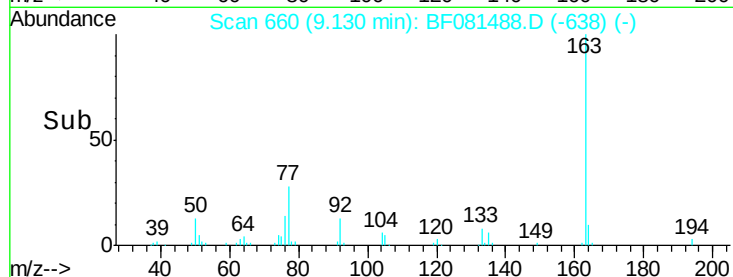
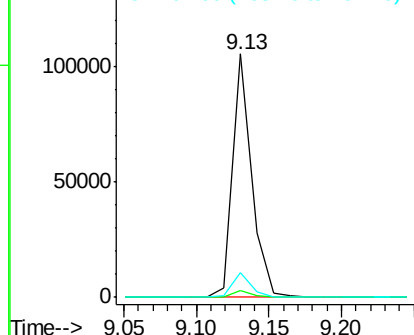
#49
Dimethylphthalate
Concen: 12.58 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081488.D
Acq: 6 Sep 2015 3:36

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25

Tot Ion:163 Resp: 96719
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.1 8.3 12.5

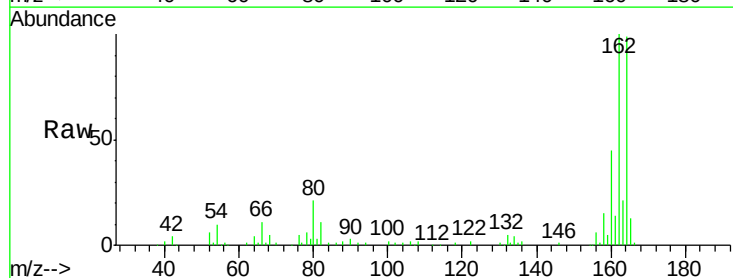


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

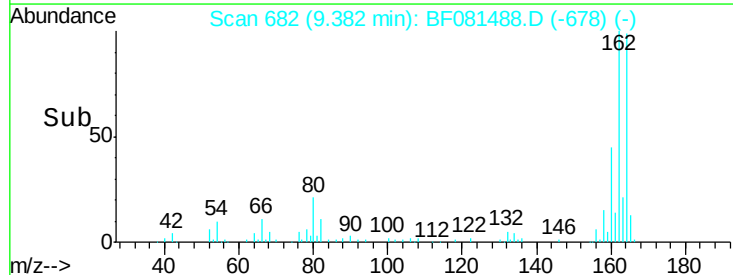
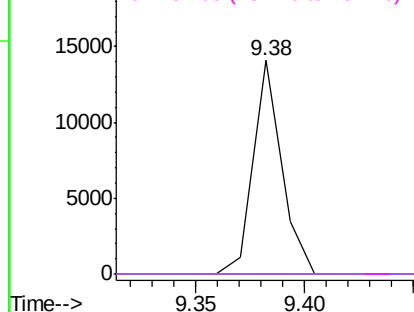


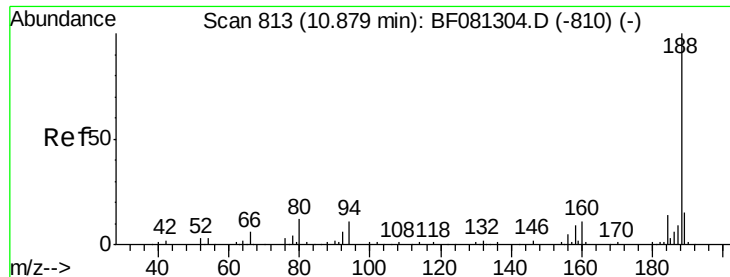
#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081488.D
Acq: 6 Sep 2015 3:36

Tgt Ion:165 Resp: 12780
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#



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

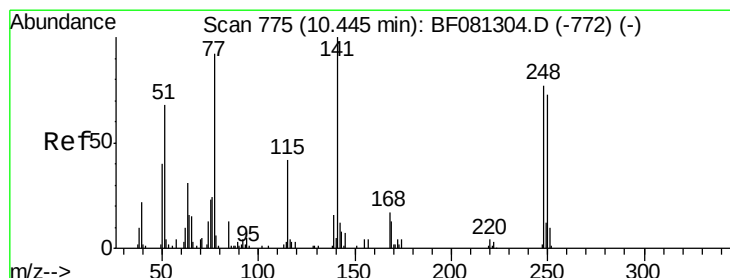
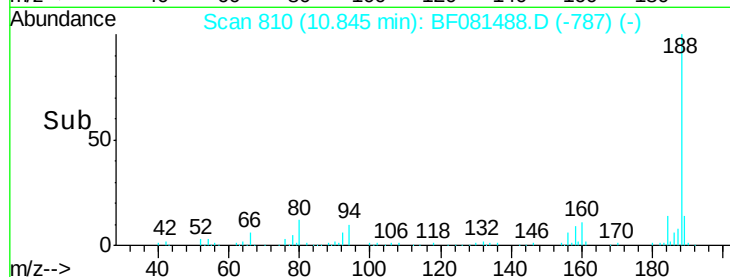
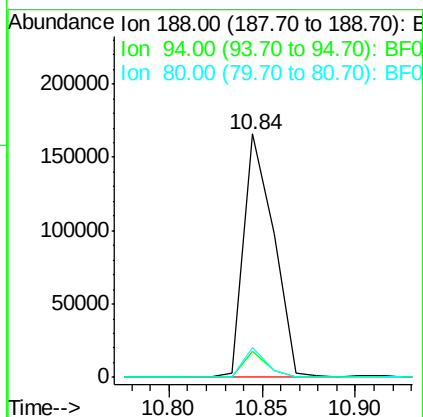
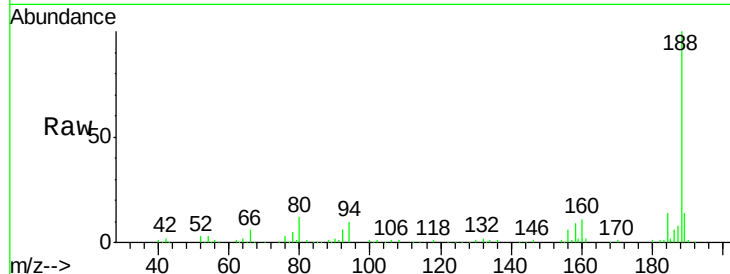




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF081488.D
 Acq: 6 Sep 2015 3:36

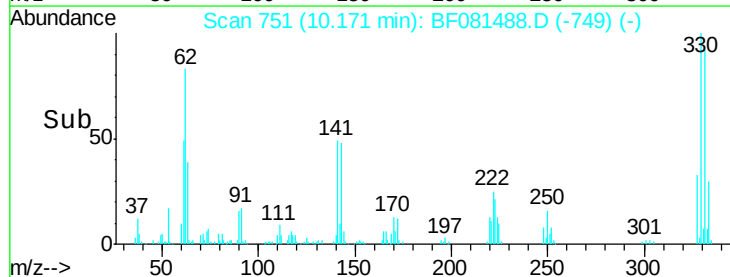
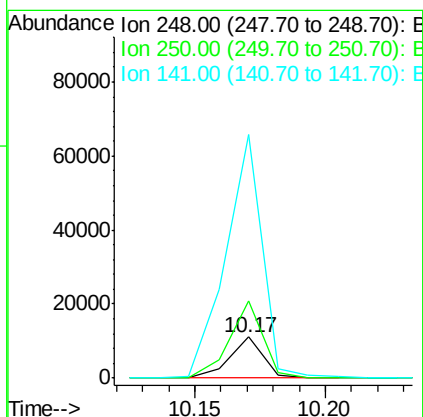
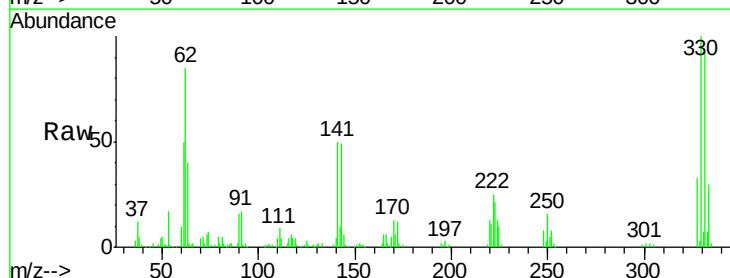
Instrument :
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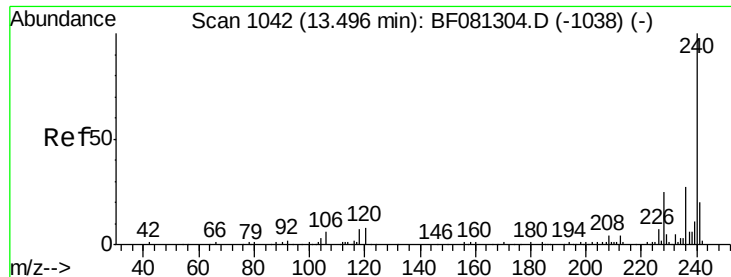
Tot Ion:188 Resp: 186601
 Ion Ratio Lower Upper
 188 100
 94 10.4 11.1 16.7#
 80 12.1 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 5.21 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.27 min
 Lab File: BF081488.D
 Acq: 6 Sep 2015 3:36

Tgt Ion:248 Resp: 9834
 Ion Ratio Lower Upper
 248 100
 250 188.1 78.5 117.7#
 141 591.5 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25

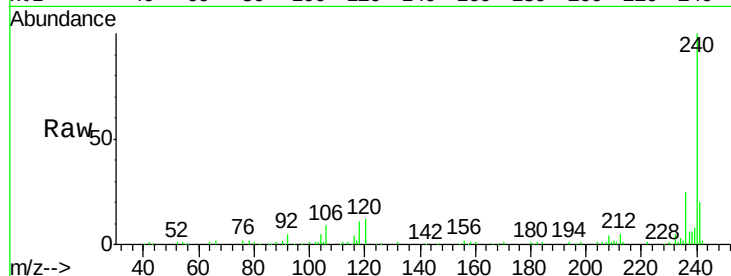
Tot Ion:240 Resp: 134873

Ion Ratio Lower Upper

240 100

120 12.2 16.2 24.2#

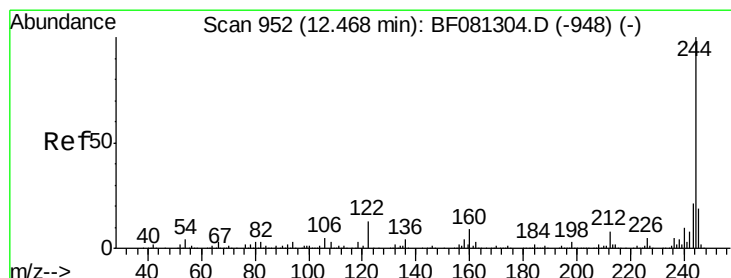
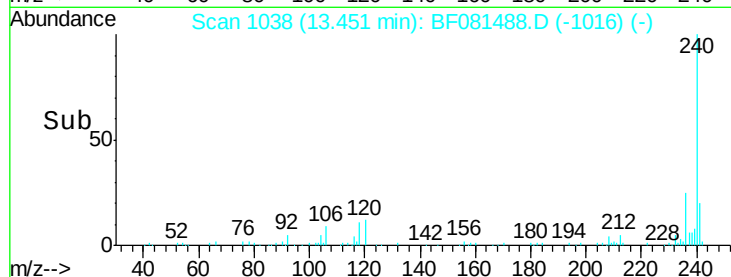
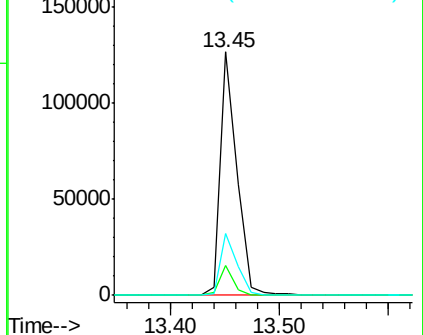
236 25.2 18.4 27.6



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: 94.14 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081488.D

Acq: 6 Sep 2015 3:36

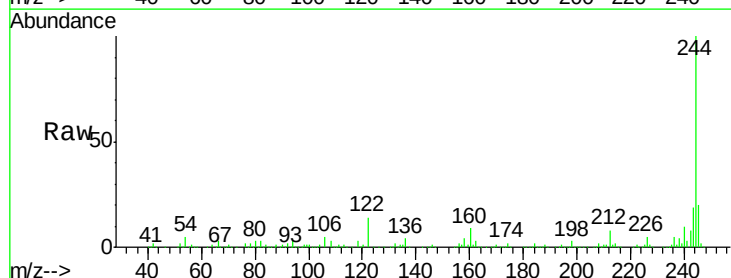
Tgt Ion:244 Resp: 545423

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

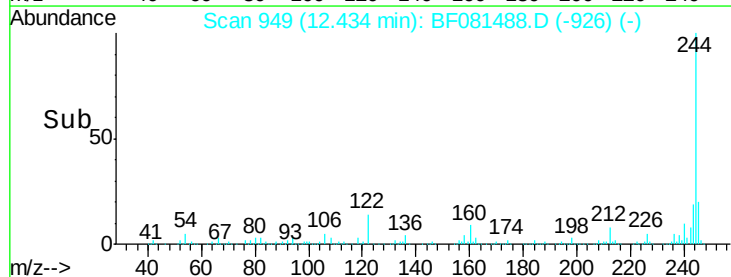
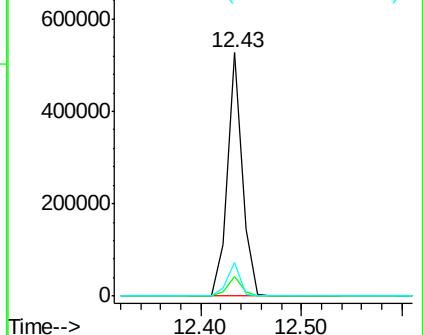
122 13.6 17.4 26.2#

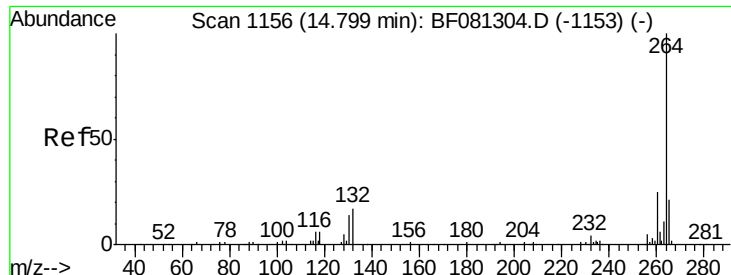


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

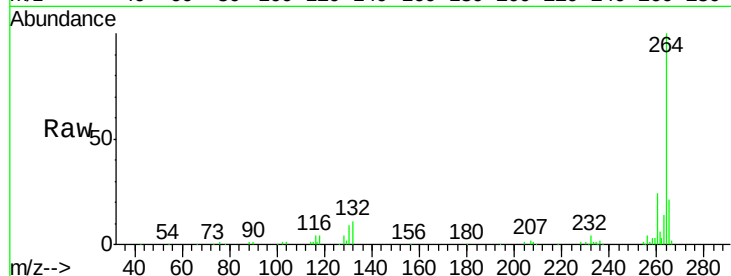




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081488.D
 Acq: 6 Sep 2015 3:36

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.4	17.2	25.8



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

