

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081738.D
 Acq On : 22 Sep 2015 7:28
 Operator : UM/IZ
 Sample : G3748-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-38-40

Quant Time: Sep 22 08:00:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 04:14:20 2015
 Response via : Initial Calibration

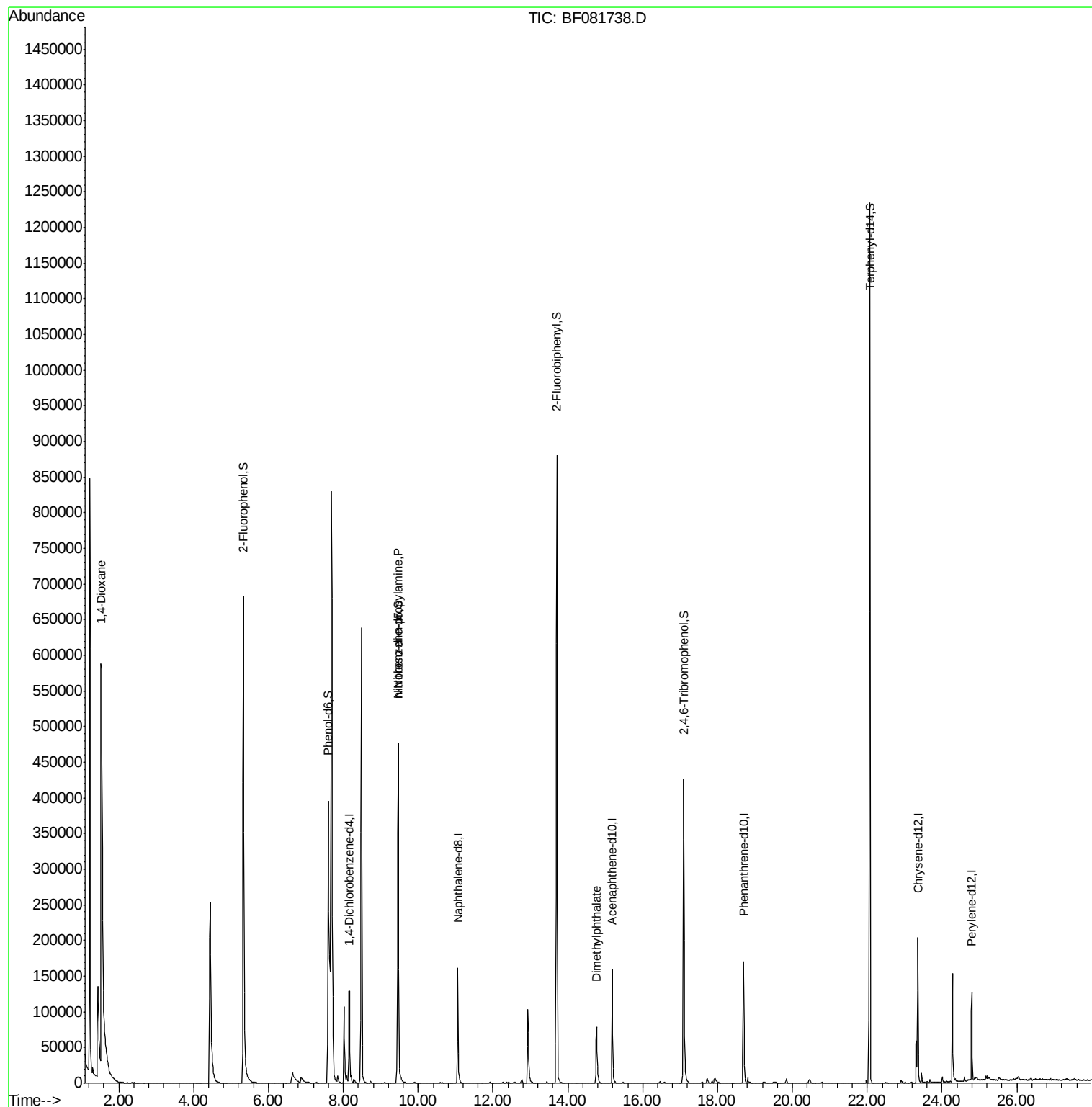
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35634	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	138179	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	66070	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	136569	20.00	ng	0.00
75) Chrysene-d12	23.35	240	101890	20.00	ng	0.00
86) Perylene-d12	24.79	264	75969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	315995	137.59	ng	0.02
7) Phenol-d6	7.60	99	442127	145.43	ng	0.00
23) Nitrobenzene-d5	9.46	82	287285	100.31	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	87477	148.70	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	498289	96.65	ng	-0.01
78) Terphenyl-d14	22.07	244	472603	107.97	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.53	88	38637	37.46	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	38409	18.56	ng	# 66
49) Dimethylphthalate	14.77	163	76350	14.87	ng	# 95

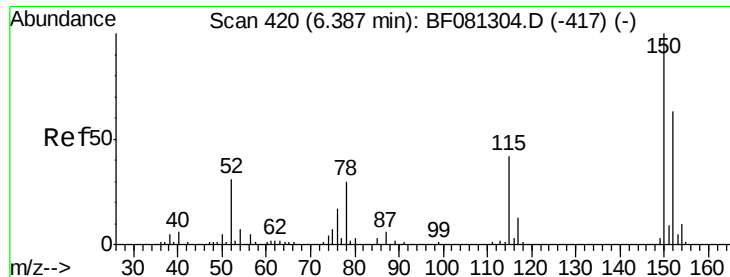
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

Instrument :

BNA_F

ClientSampleId :

MGP-202-38-40

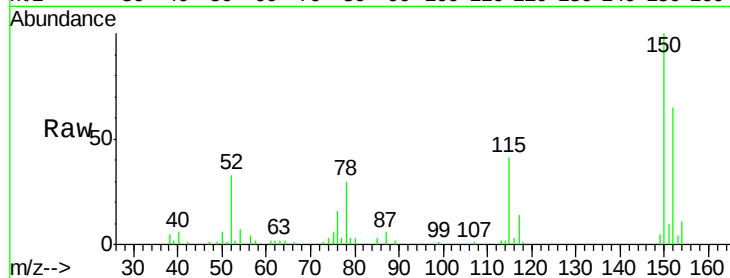
Tot Ion:152 Resp: 35634

Ion Ratio Lower Upper

152 100

150 153.0 124.7 187.1

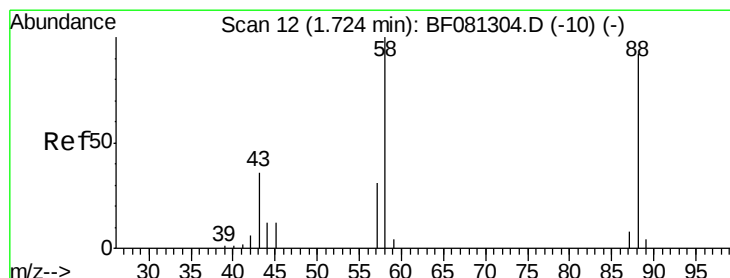
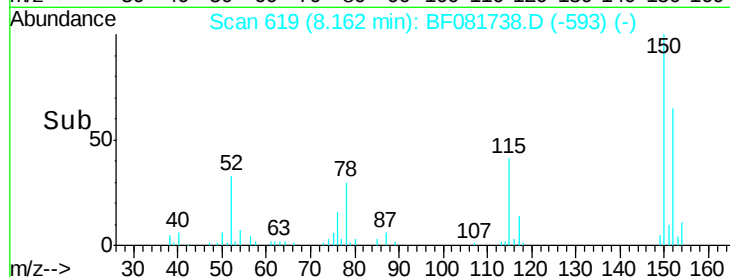
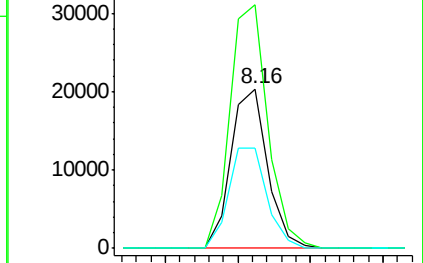
115 63.3 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 37.46 ng

RT: 1.53 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

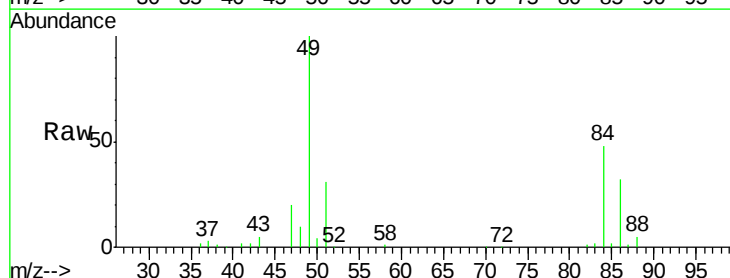
Tgt Ion: 88 Resp: 38637

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

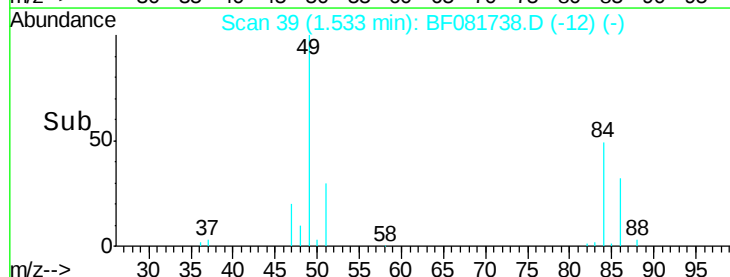
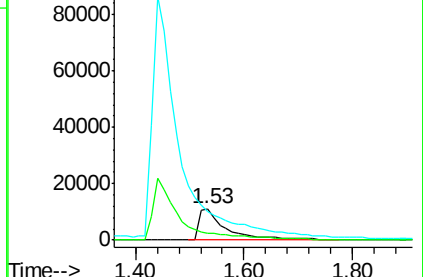
43 0.0 26.6 40.0#

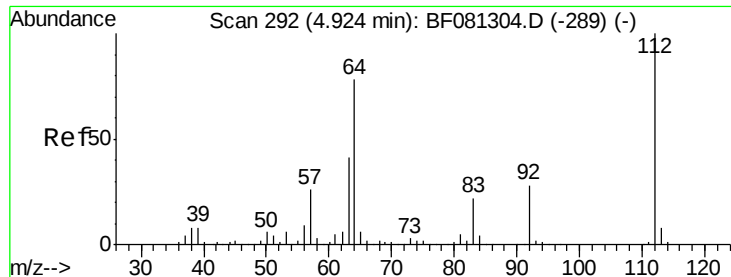


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 137.59 ng

RT: 5.33 min Scan# 371

Delta R.T. 0.02 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

Instrument :

BNA_F

ClientSampleId :

MGP-202-38-40

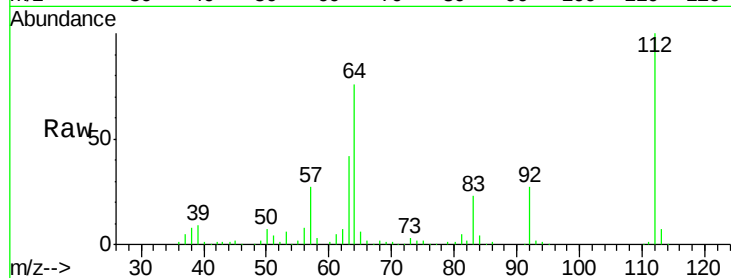
Tot Ion: 112 Resp: 315995

Ion Ratio Lower Upper

112 100

64 75.6 39.7 59.5#

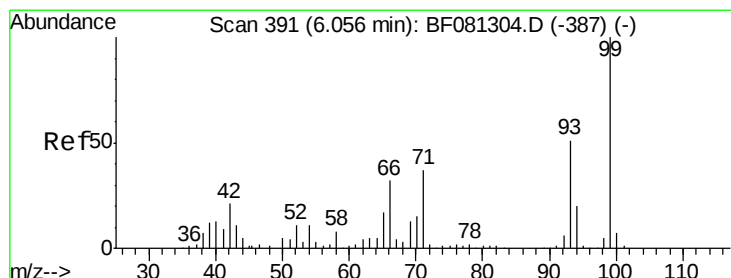
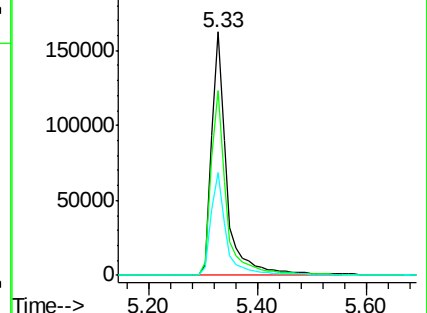
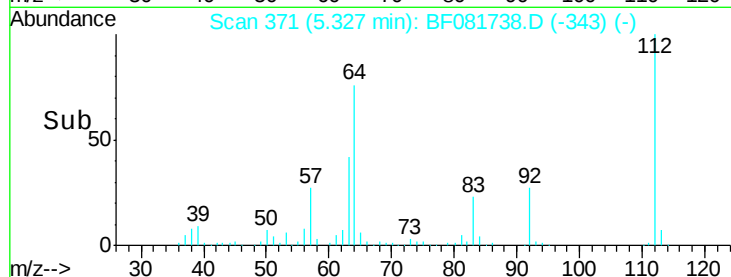
63 42.3 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 145.43 ng

RT: 7.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

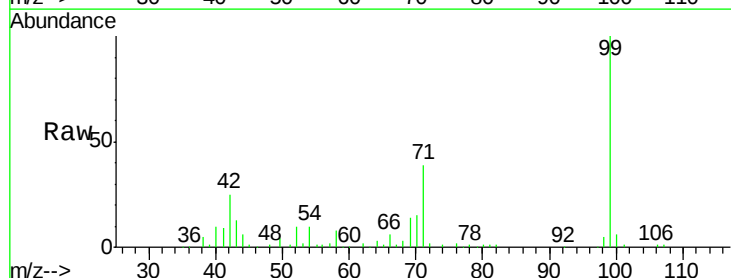
Tgt Ion: 99 Resp: 442127

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

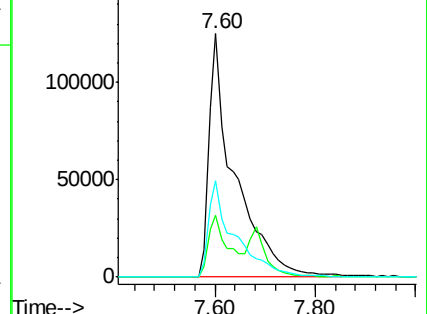
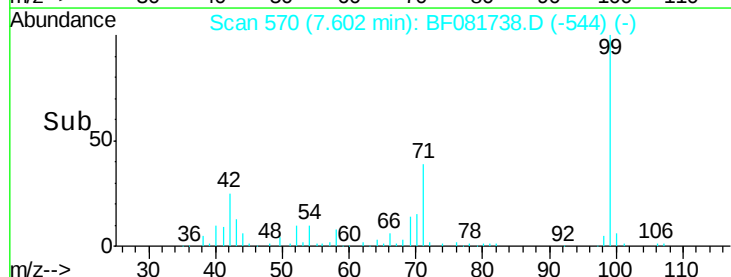
71 39.5 14.2 21.2#

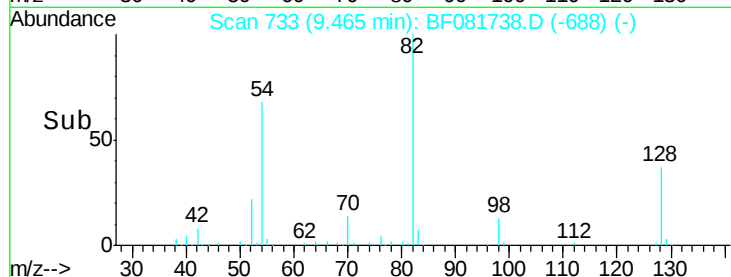
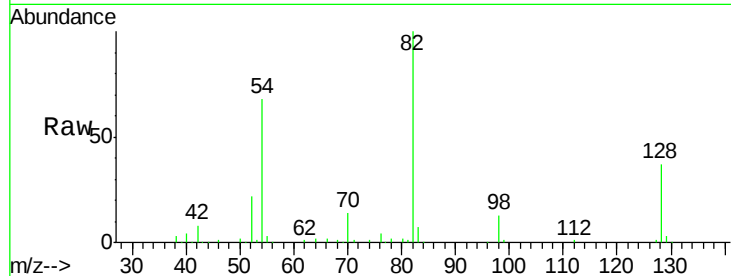
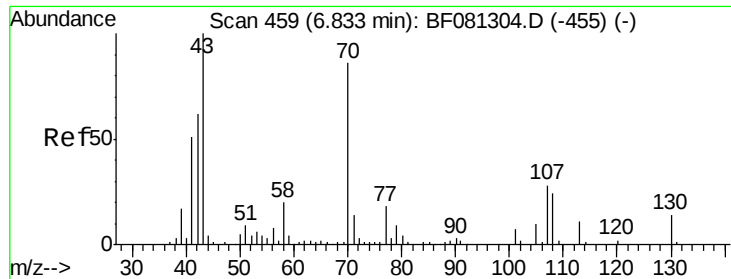


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

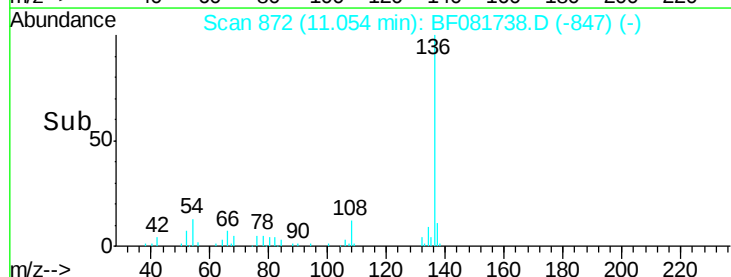
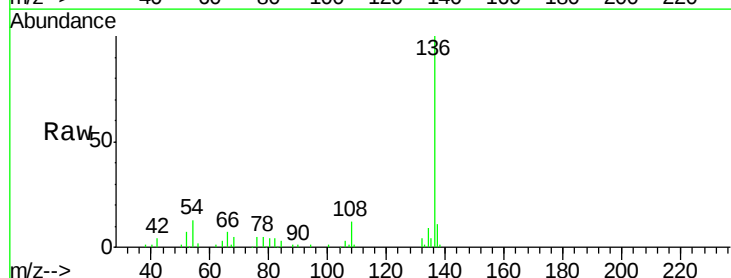
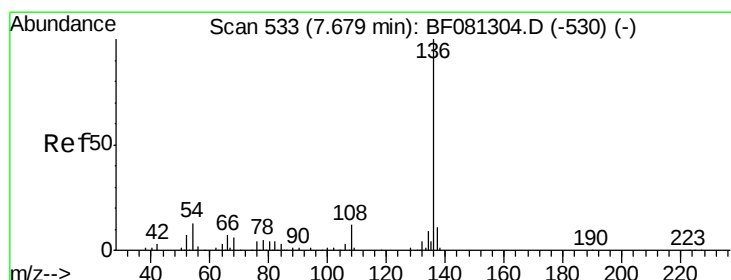
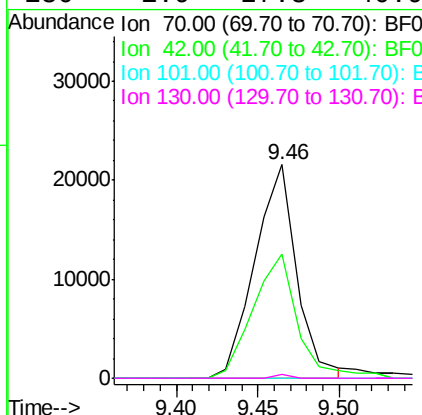




#19
n-Nitroso-di-n-propylamine
Concen: 18.56 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.22 min
Lab File: BF081738.D
Acq: 22 Sep 2015 7:28

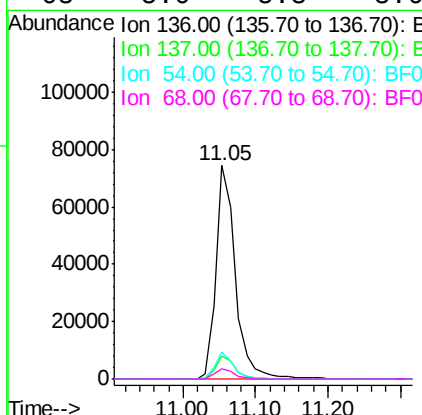
Instrument :
BNA_F
ClientSampleId :
MGP-202-38-40

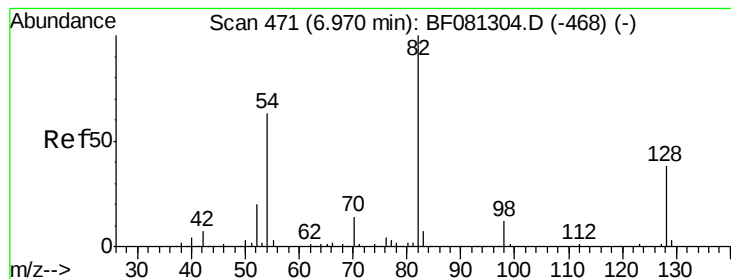
Tot Ion:	70	Resp:	38409
Ion	Ratio	Lower	Upper
70	100		
42	57.9	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF081738.D
Acq: 22 Sep 2015 7:28

Tgt Ion:	136	Resp:	138179
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.8	8.2	12.2#
68	5.0	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 100.31 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

Instrument :

BNA_F

ClientSampleId :

MGP-202-38-40

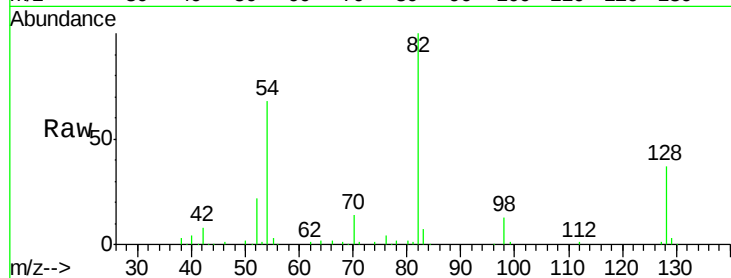
Tot Ion: 82 Resp: 287285

Ion Ratio Lower Upper

82 100

128 37.3 51.0 76.6#

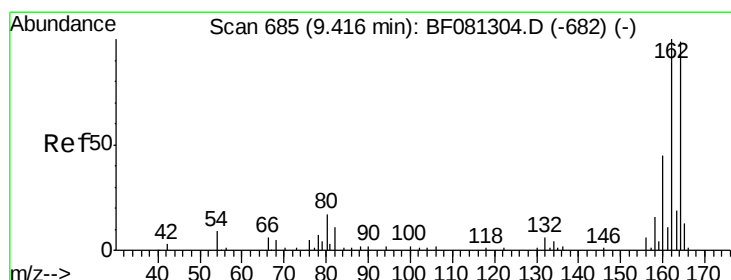
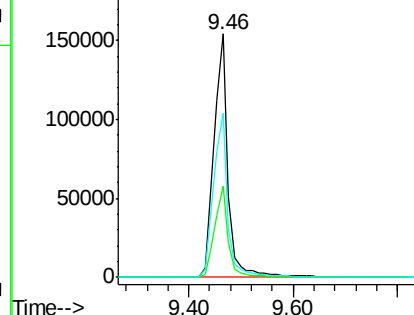
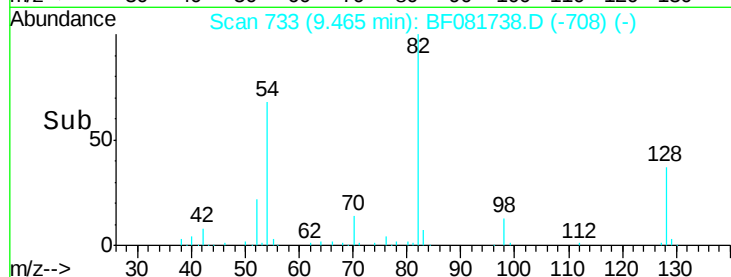
54 67.6 47.5 71.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

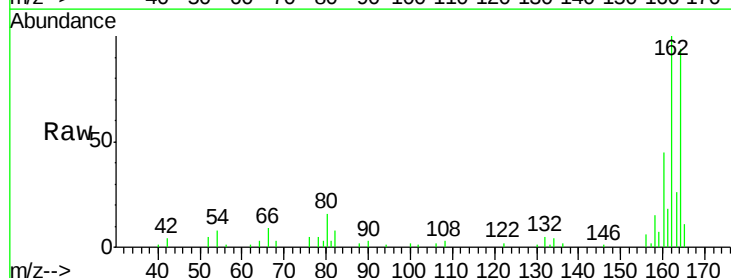
Tgt Ion:164 Resp: 66070

Ion Ratio Lower Upper

164 100

162 105.8 75.2 112.8

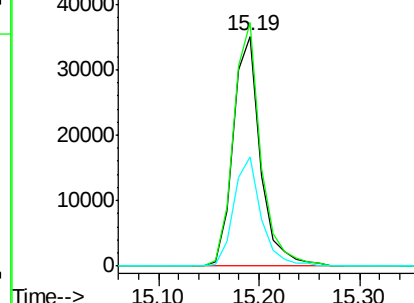
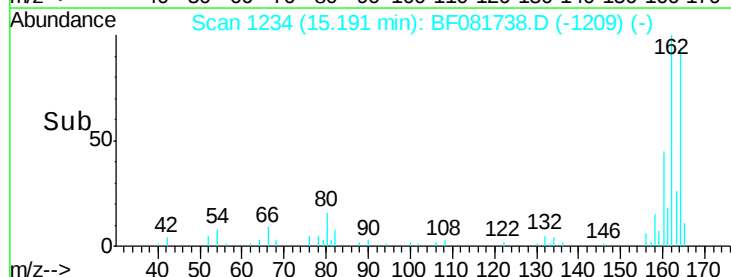
160 47.3 31.5 47.3#

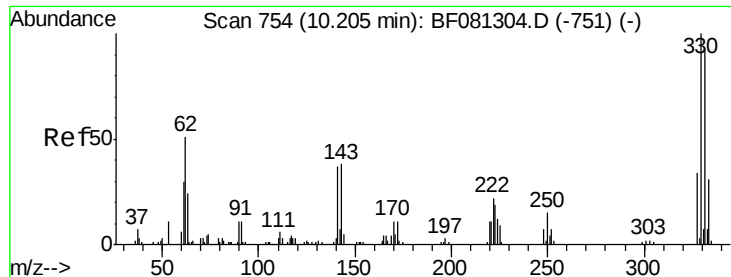


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

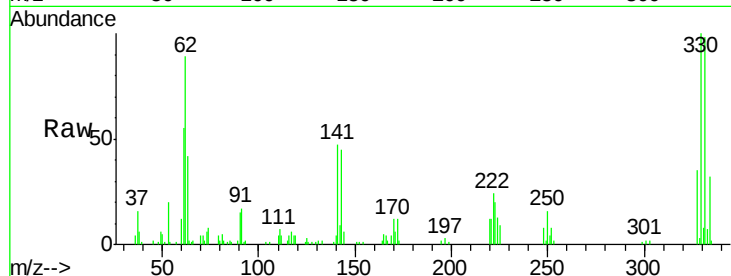




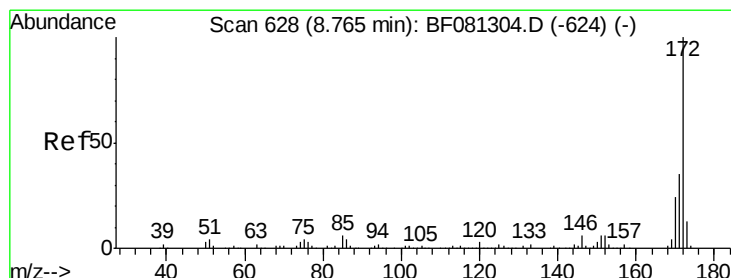
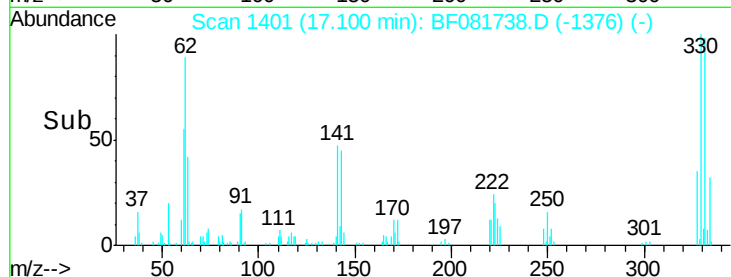
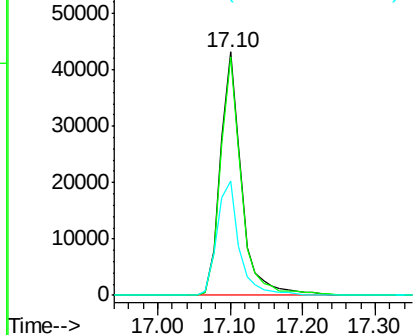
#41
 2,4,6-Tribromophenol
 Concen: 148.70 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF081738.D
 Acq: 22 Sep 2015 7:28

Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-38-40

Tot Ion:330 Resp: 87477
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 49.3 29.7 44.5#

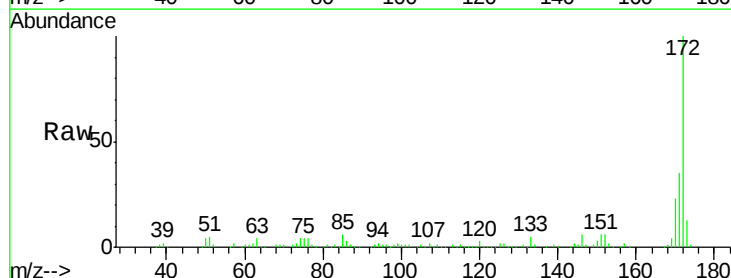


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

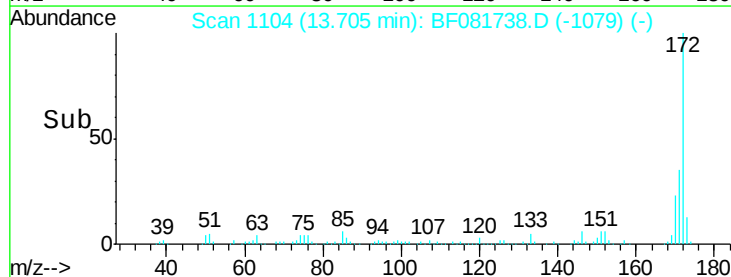
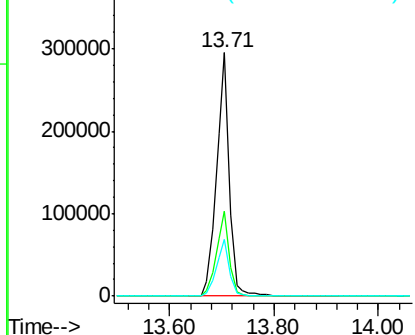


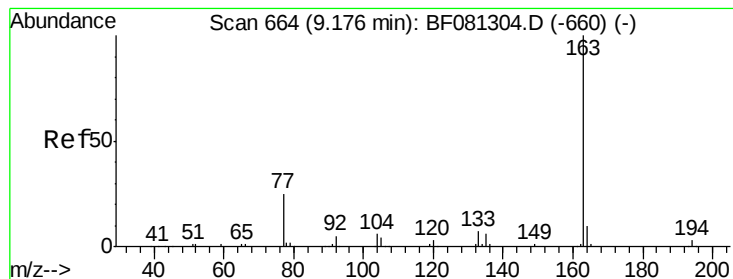
#44
 2-Fluorobiphenyl
 Concen: 96.65 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF081738.D
 Acq: 22 Sep 2015 7:28

Tgt Ion:172 Resp: 498289
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.5 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: 14.87 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

Instrument :

BNA_F

ClientSampleId :

MGP-202-38-40

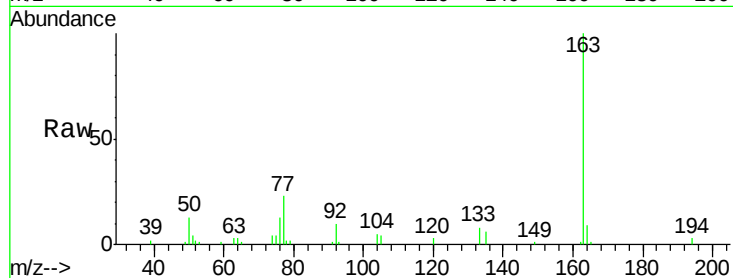
Tot Ion:163 Resp: 76350

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

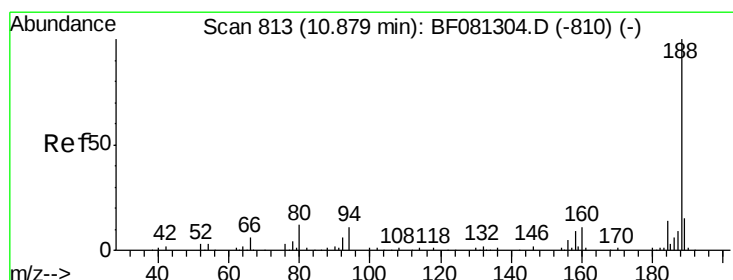
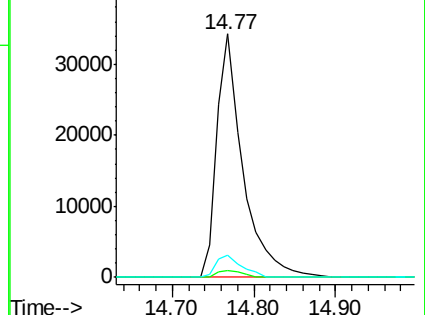
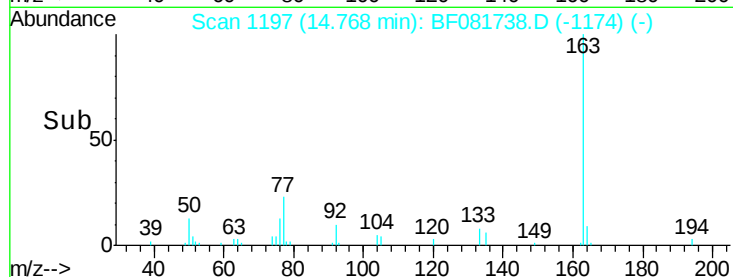
164 8.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

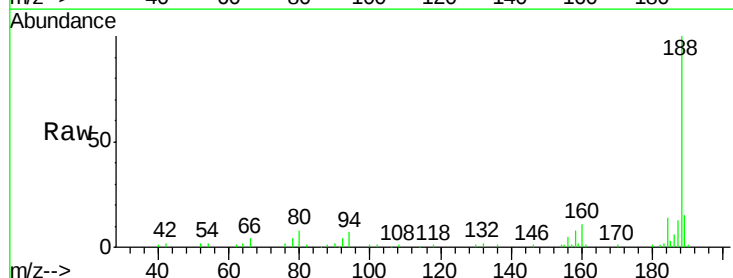
Tgt Ion:188 Resp: 136569

Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

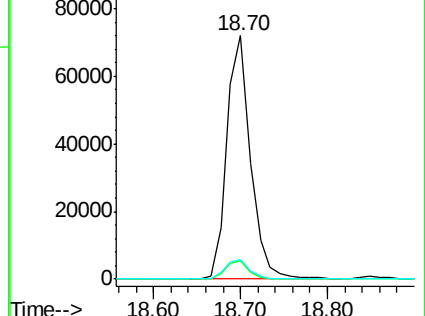
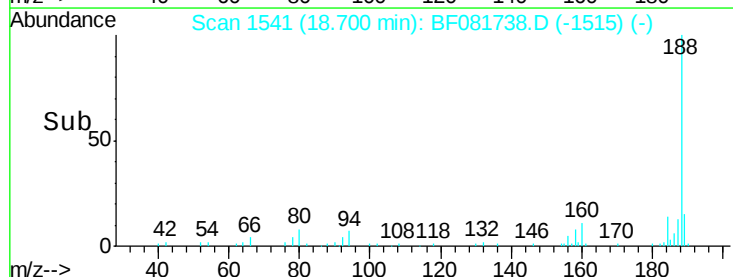
80 8.1 11.0 16.4#

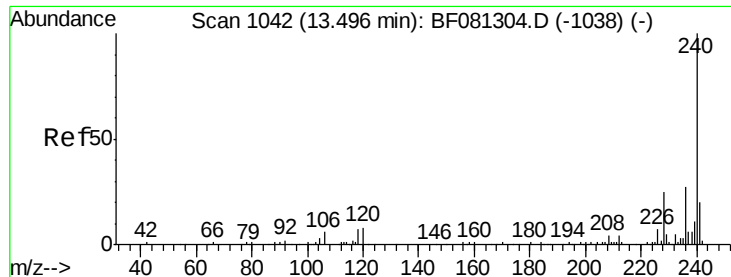


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

Instrument :

BNA_F

ClientSampleId :

MGP-202-38-40

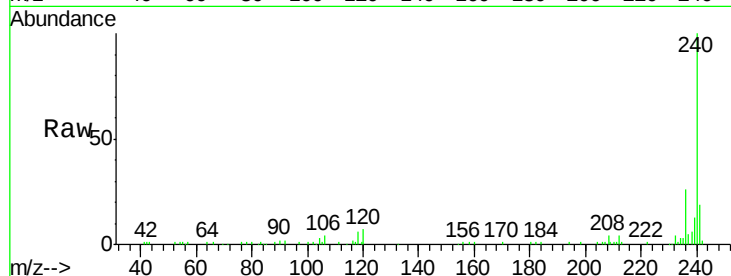
Tot Ion:240 Resp: 101890

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

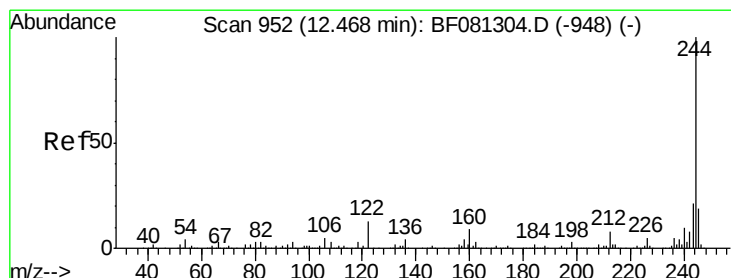
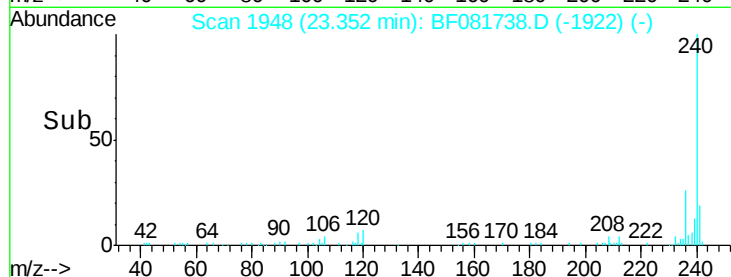
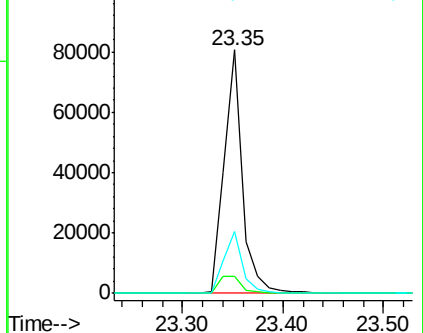
236 25.5 18.4 27.6



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: 107.97 ng

RT: 22.07 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF081738.D

Acq: 22 Sep 2015 7:28

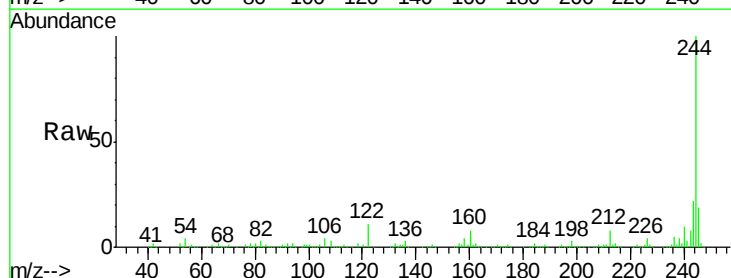
Tgt Ion:244 Resp: 472603

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

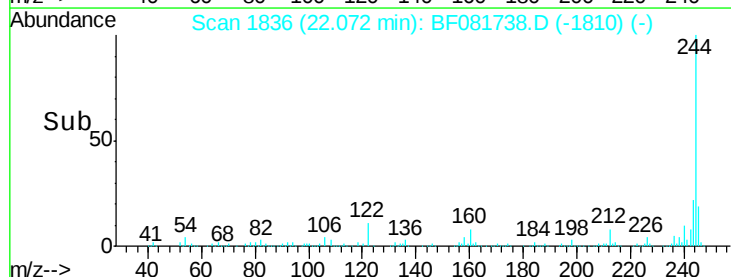
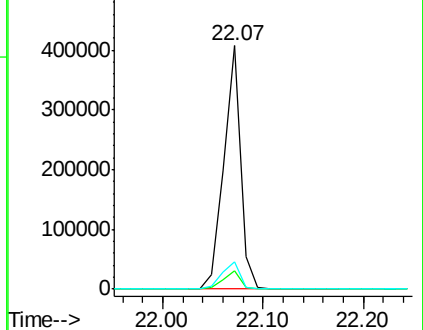
122 11.0 17.4 26.2#

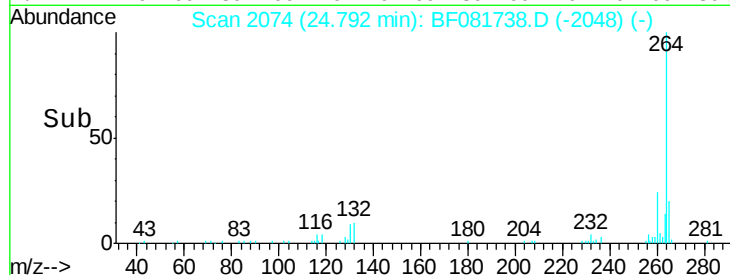
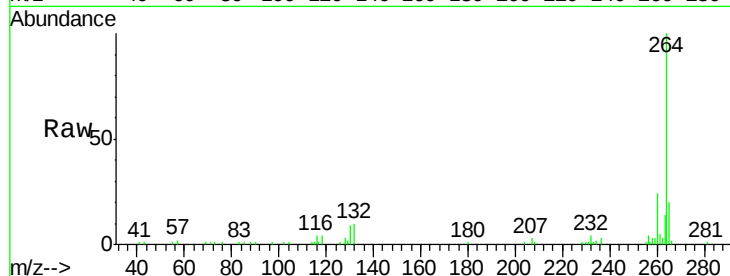
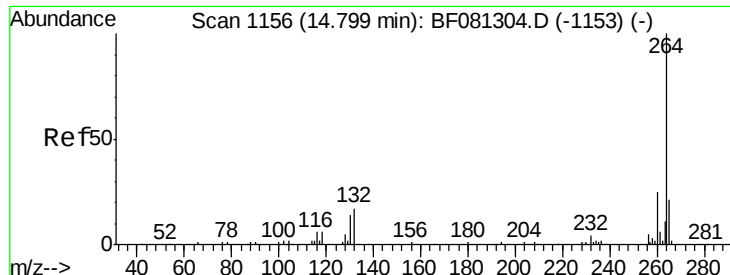


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BF081738.D
Acq: 22 Sep 2015 7:28

Instrument :
BNA_F
ClientSampleId :
MGP-202-38-40

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	20.3	17.2	25.8

