

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081341.D
 Acq On : 2 Sep 2015 11:19
 Operator : UM/IZ
 Sample : PB85343BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BL

Quant Time: Sep 02 22:59:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

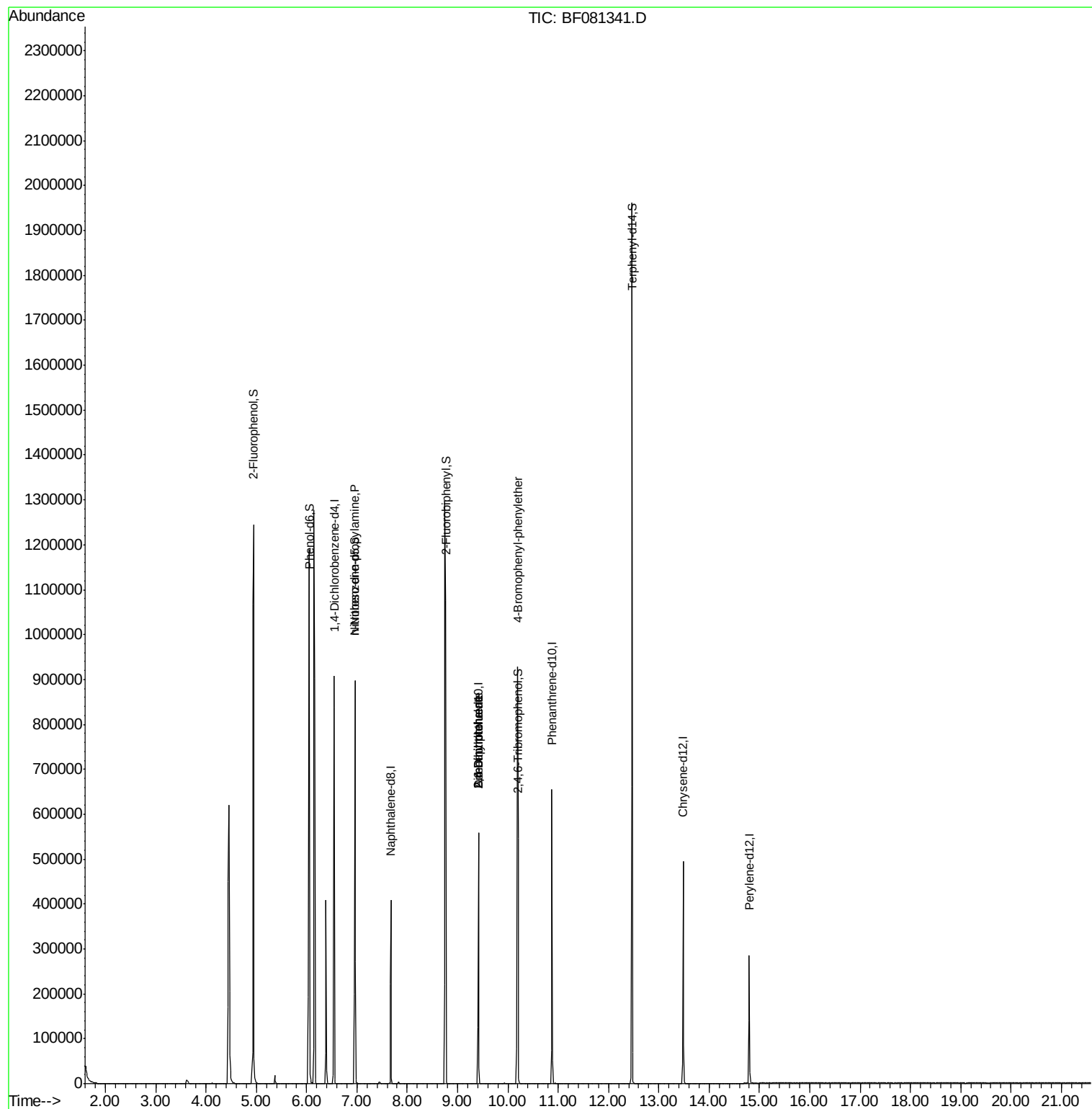
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	199088	20.00	ng	0.16
21) Naphthalene-d8	7.68	136	214024	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	107498	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	221015	20.00	ng	0.00
75) Chrysene-d12	13.49	240	168518	20.00	ng	-0.01
86) Perylene-d12	14.80	264	122755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	433937	33.82	ng	0.02
7) Phenol-d6	6.06	99	595755	35.07	ng	0.00
23) Nitrobenzene-d5	6.96	82	315607	71.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	121158	126.58	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	615151	73.33	ng	0.00
78) Terphenyl-d14	12.47	244	602036	83.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	42891	3.71	ng	# 63
49) Dimethylphthalate	9.42	163	30098	3.60	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	13535	7.14	ng	# 37
56) 2,4-Dinitrotoluene	9.42	165	13535	5.61	ng	# 31
66) 4-Bromophenyl-phenylether	10.19	248	8036	3.60	ng	# 1

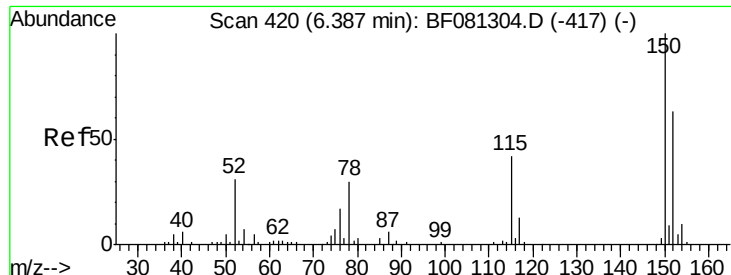
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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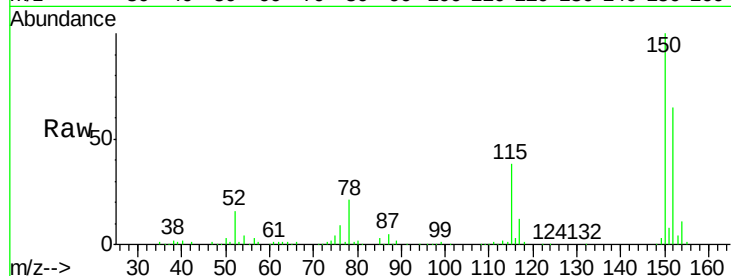


#1

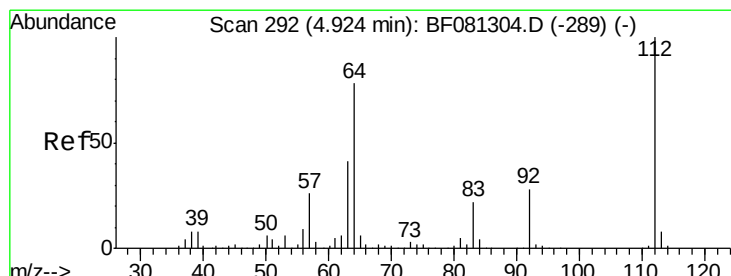
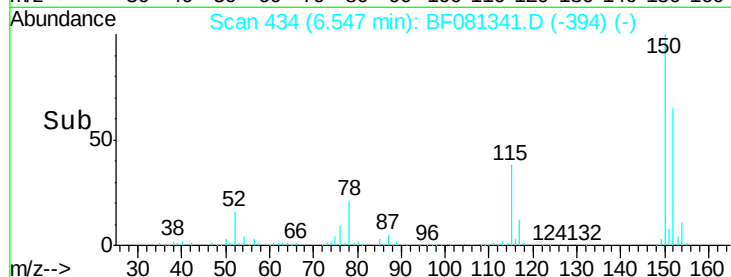
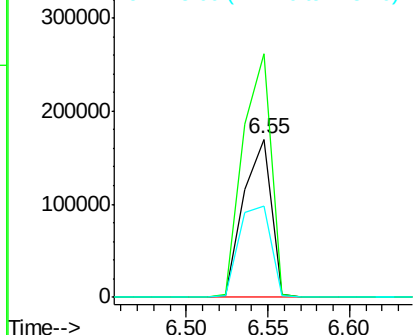
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.16 min
Lab File: BF081341.D
Acq: 2 Sep 2015 11:19

Instrument :
BNA_F
ClientSampleId :
PB85343BL

Tot Ion:152 Resp: 199088
Ion Ratio Lower Upper
152 100
150 154.1 124.7 187.1
115 58.0 39.0 58.4



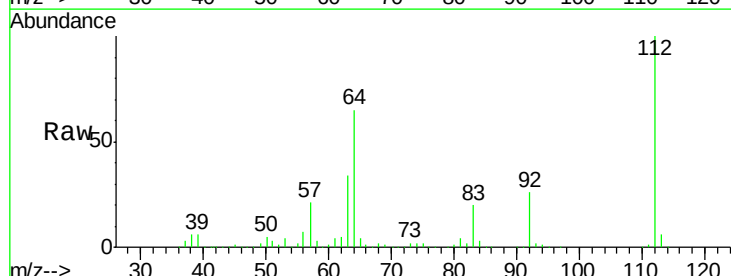
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



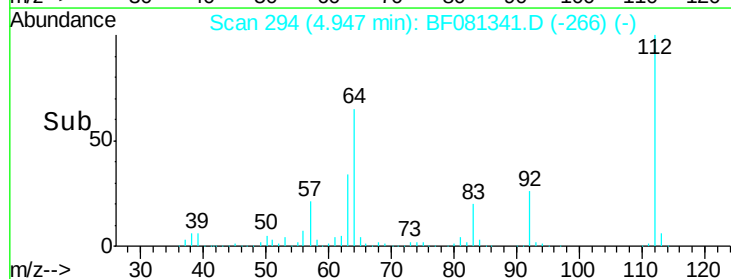
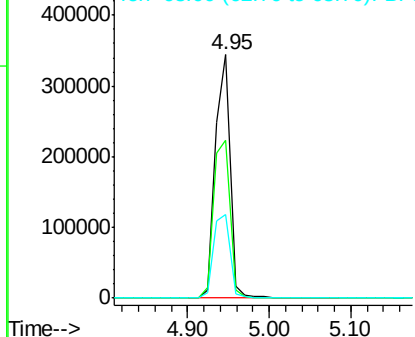
#5

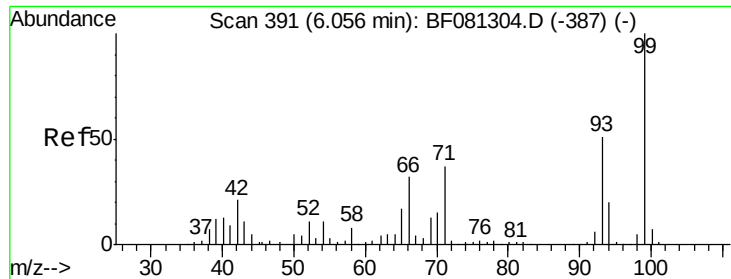
2-Fluorophenol
Concen: 33.82 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081341.D
Acq: 2 Sep 2015 11:19

Tgt Ion:112 Resp: 433937
Ion Ratio Lower Upper
112 100
64 64.6 39.7 59.5#
63 34.1 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: 35.07 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

Instrument :

BNA_F

ClientSampled :

PB85343BL

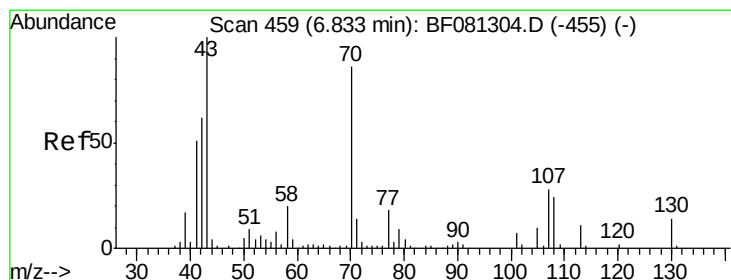
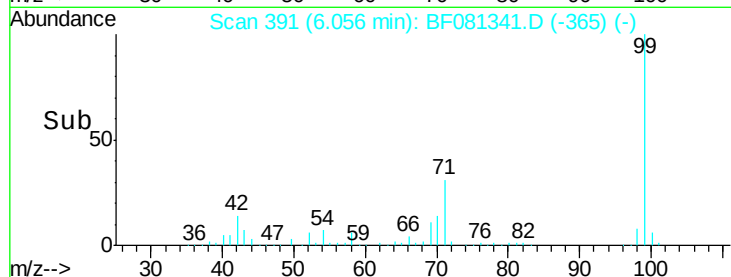
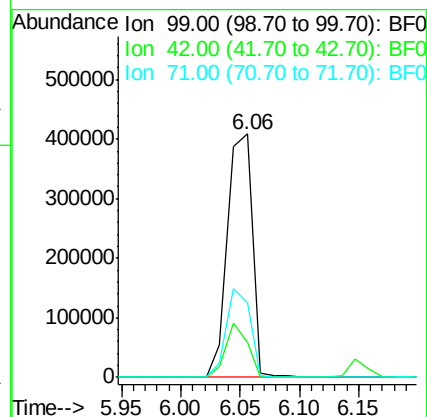
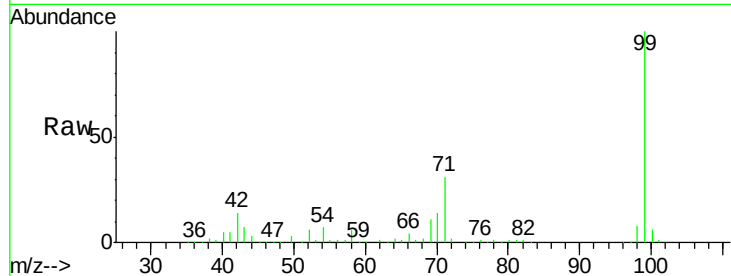
Tot Ion: 99 Resp: 595755

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

71 30.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 3.71 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

Tgt Ion: 70 Resp: 42891

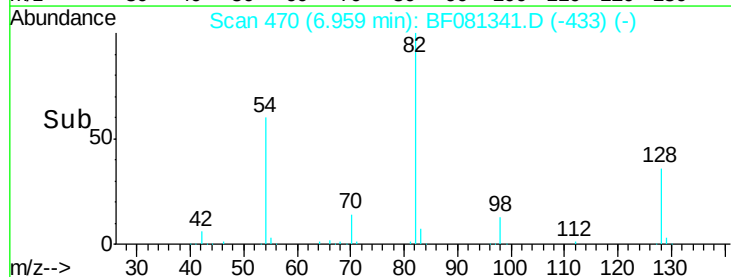
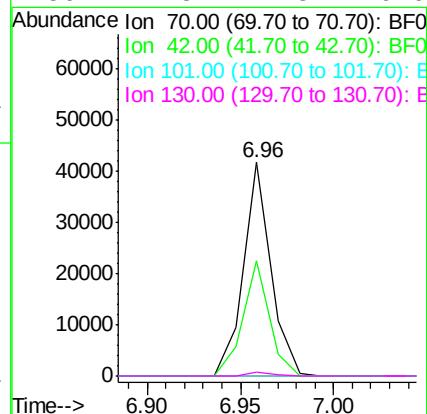
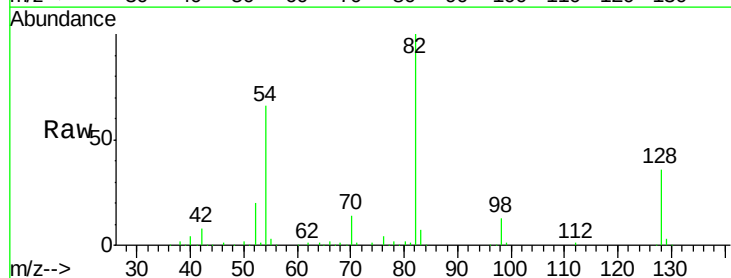
Ion Ratio Lower Upper

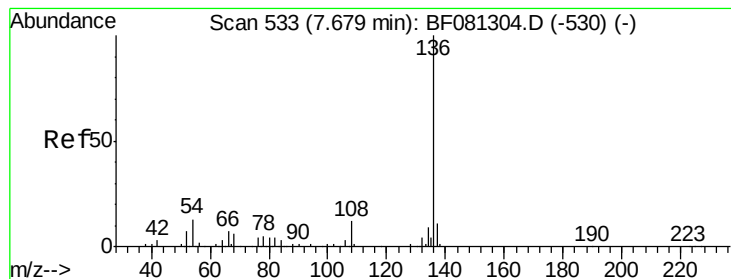
70 100

42 54.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

Instrument :

BNA_F

ClientSampleId :

PB85343BL

Tot Ion:136 Resp: 214024

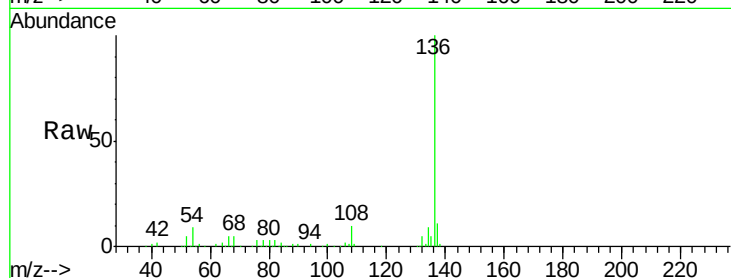
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 8.8 8.2 12.2

68 4.5 5.8 8.6#

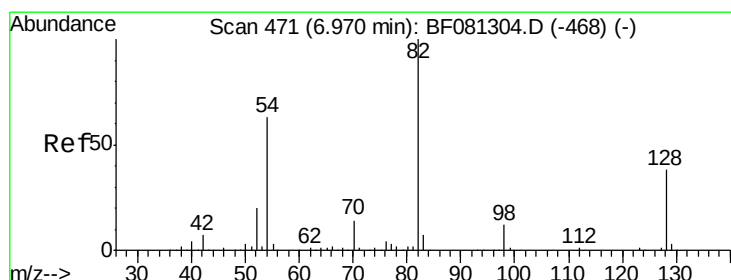
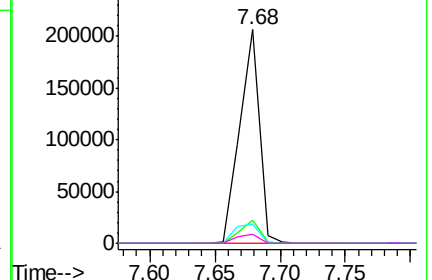
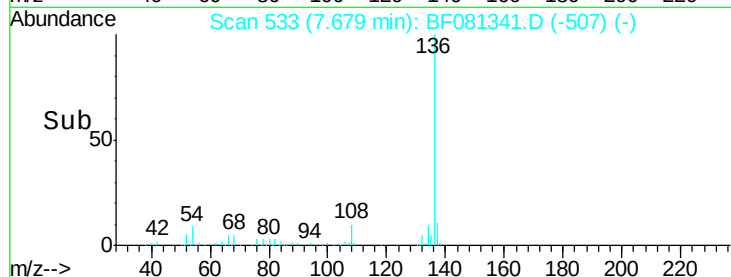


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.15 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

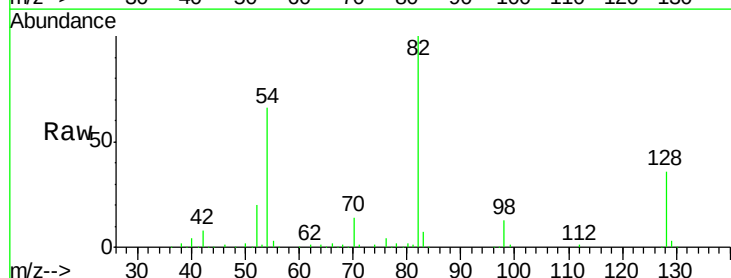
Tgt Ion: 82 Resp: 315607

Ion Ratio Lower Upper

82 100

128 36.2 51.0 76.6#

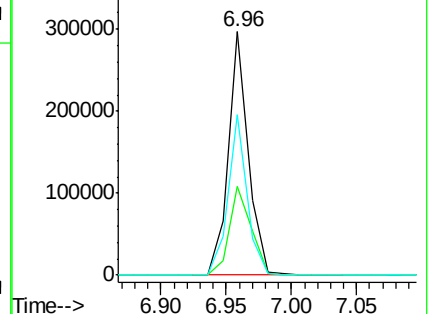
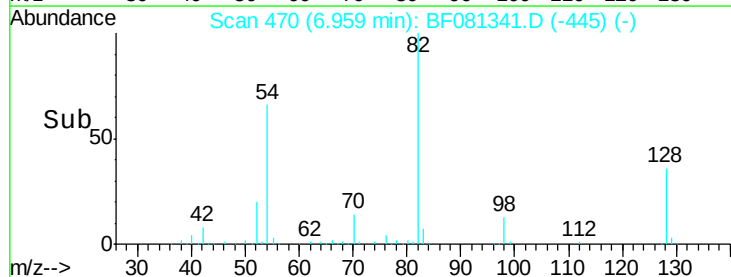
54 65.8 47.5 71.3

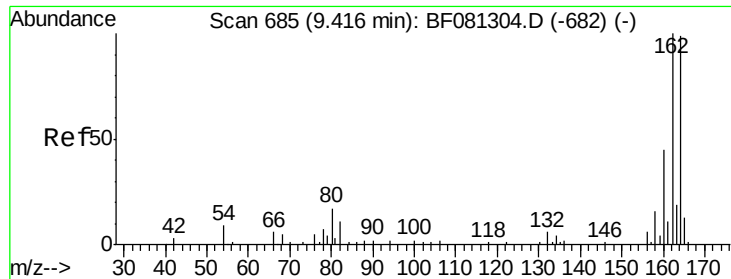


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

Instrument :

BNA_F

ClientSampleId :

PB85343BL

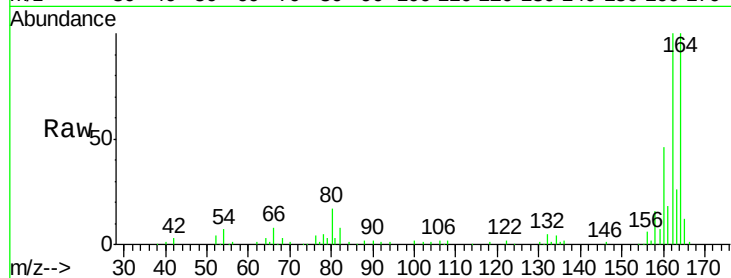
Tot Ion:164 Resp: 107498

Ion Ratio Lower Upper

164 100

162 100.4 75.2 112.8

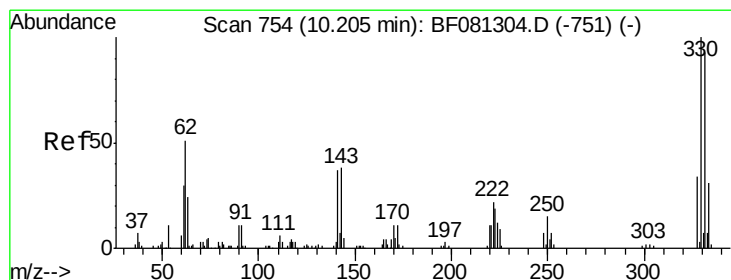
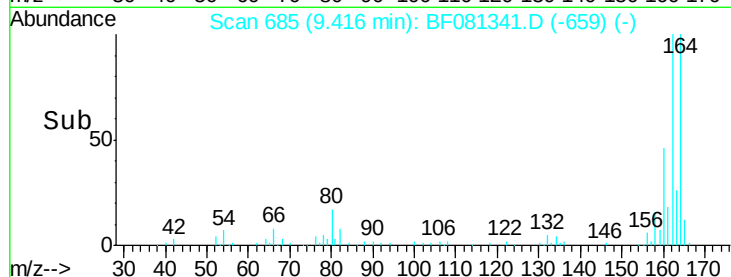
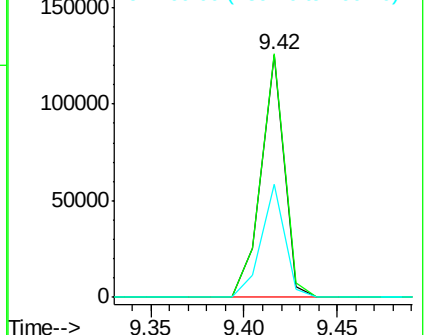
160 46.4 31.5 47.3



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: 126.58 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

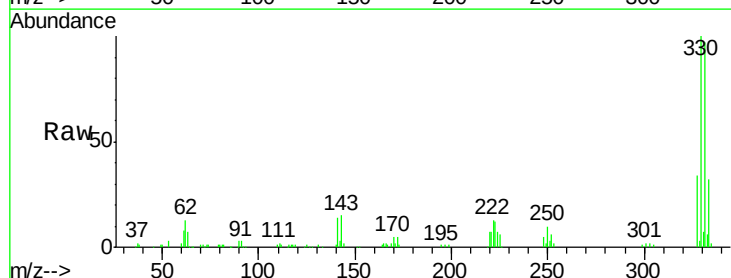
Tgt Ion:330 Resp: 121158

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

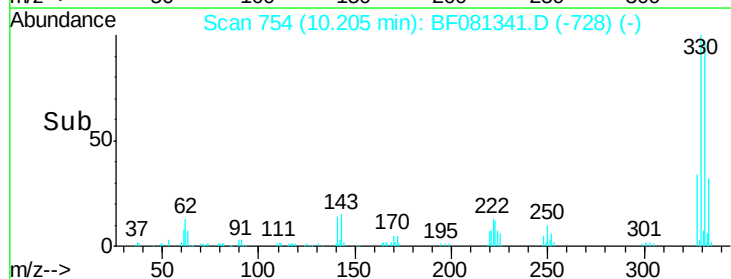
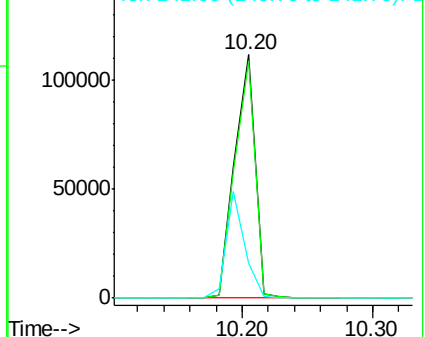
141 39.7 29.7 44.5

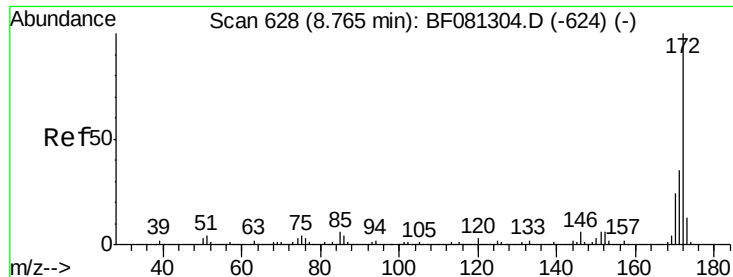


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

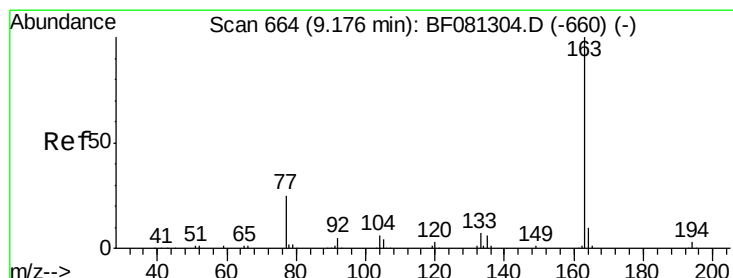
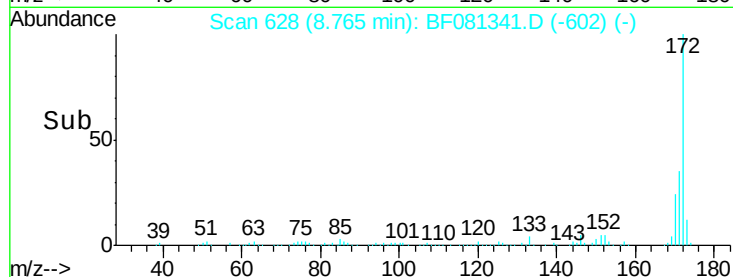
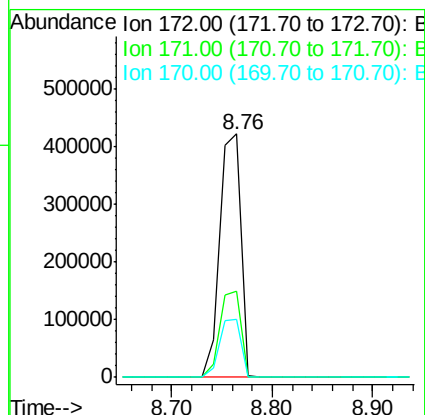
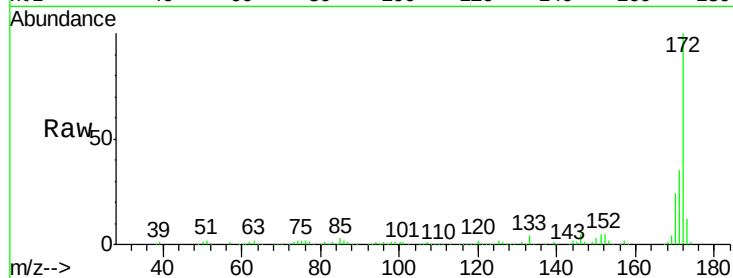




#44
2-Fluorobiphenyl
Concen: 73.33 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081341.D
Acq: 2 Sep 2015 11:19

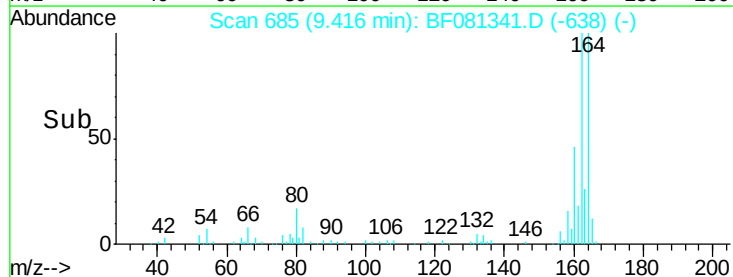
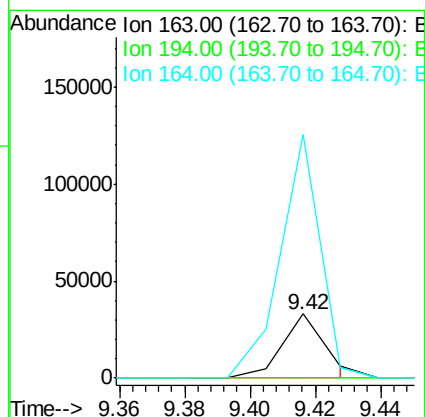
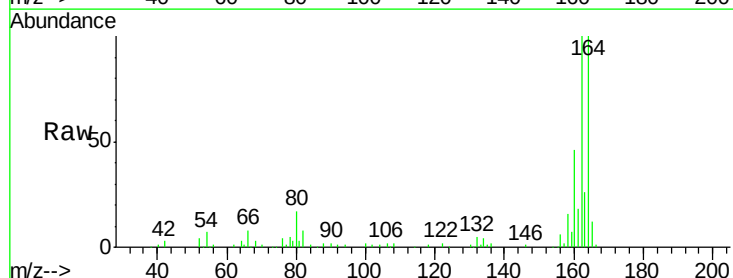
Instrument :
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ClientSampleId :
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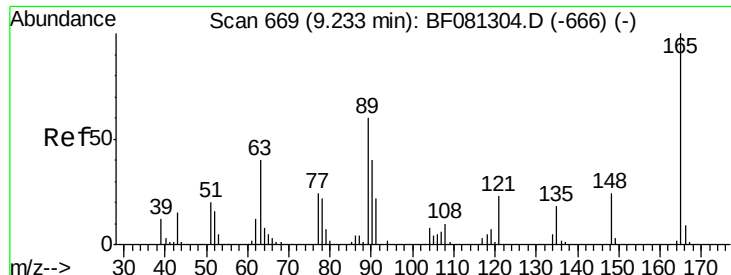
Tot Ion:172 Resp: 615151
Ion Ratio Lower Upper
172 100
171 35.5 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 3.60 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.24 min
Lab File: BF081341.D
Acq: 2 Sep 2015 11:19

Tgt Ion:163 Resp: 30098
Ion Ratio Lower Upper
163 100
194 0.0 4.4 6.6#
164 378.8 8.3 12.5#

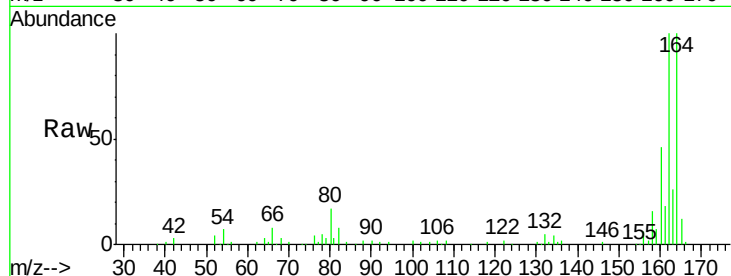




#50
 2,6-Dinitrotoluene
 Concen: 7.14 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.18 min
 Lab File: BF081341.D
 Acq: 2 Sep 2015 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BL

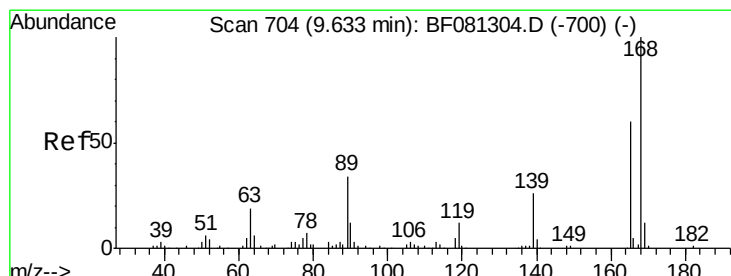
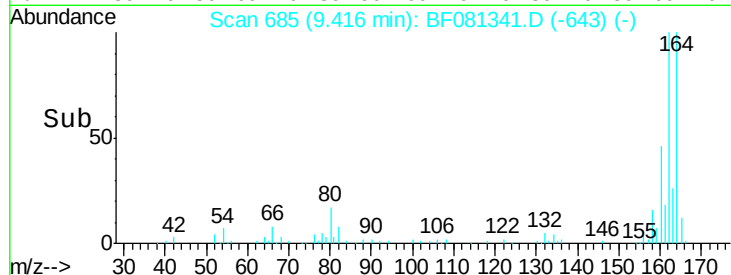
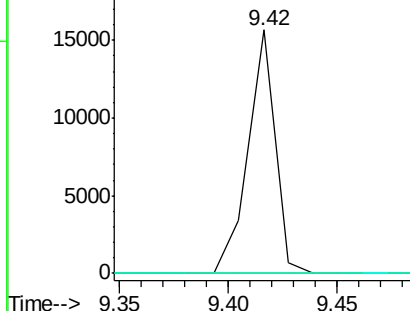
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.61 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081341.D
 Acq: 2 Sep 2015 11:19

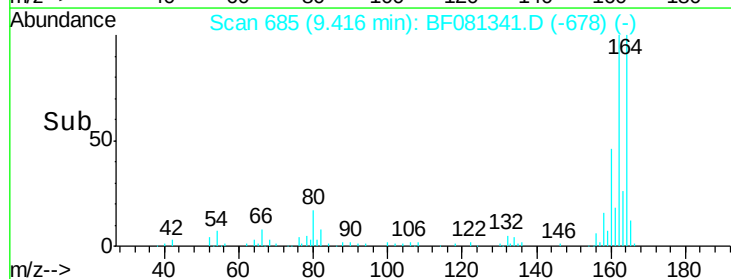
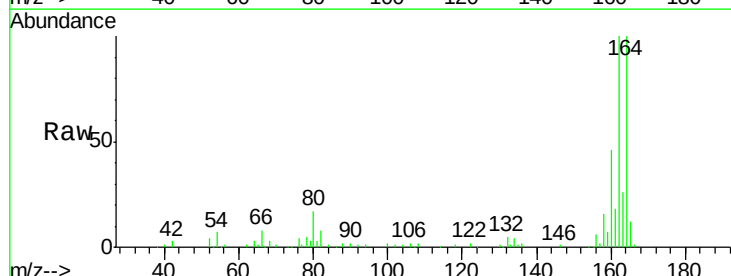
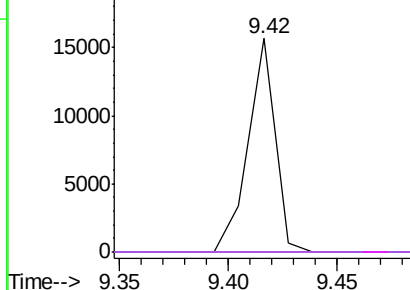
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

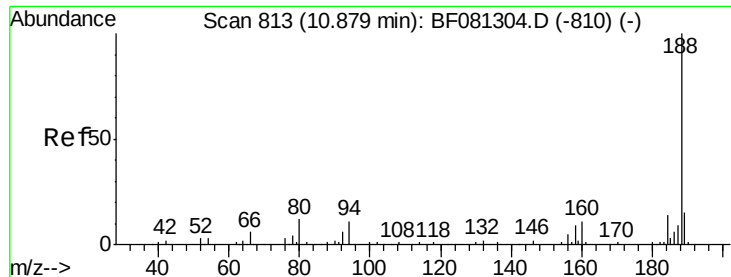
Abundance Ion 165.00 (164.70 to 165.70): E

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

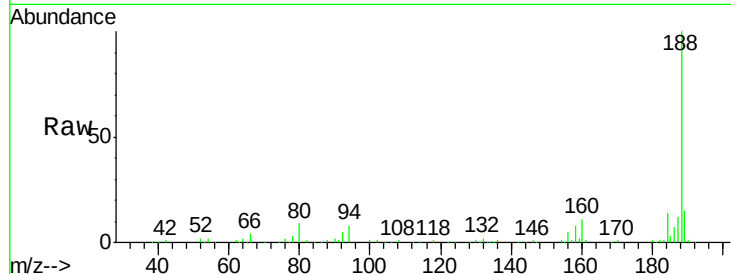




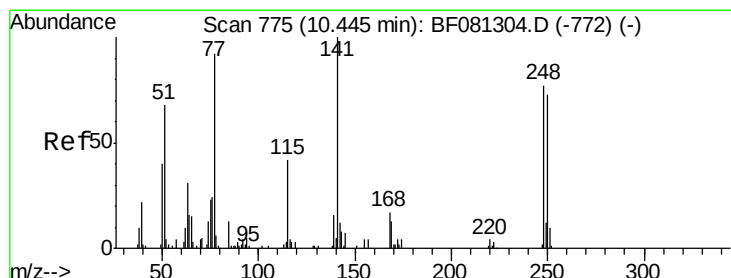
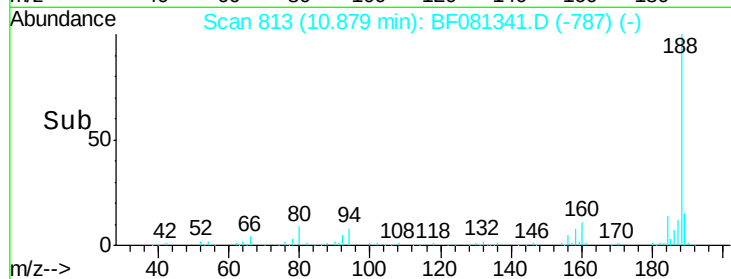
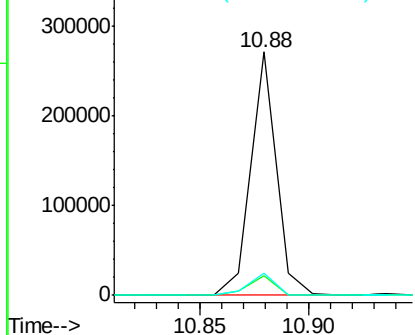
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF081341.D
Acq: 2 Sep 2015 11:19

Instrument :
BNA_F
ClientSampleId :
PB85343BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	9.2	11.0	16.4#

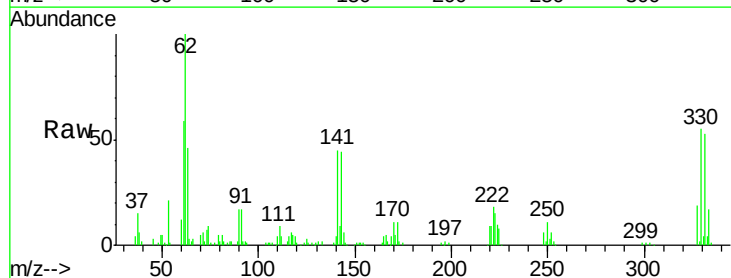


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

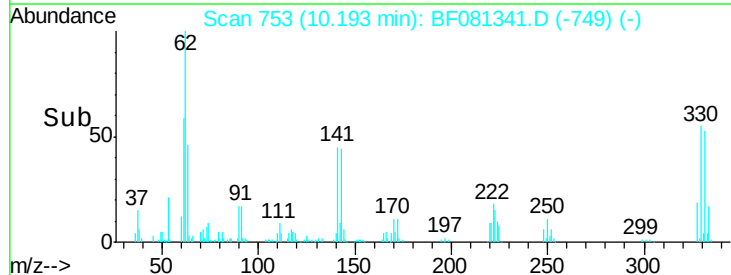
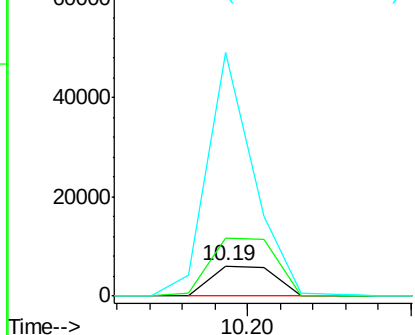


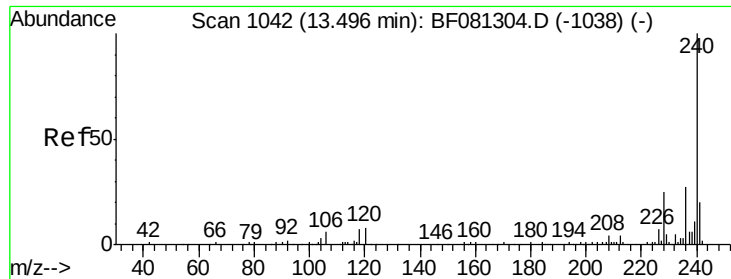
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF081341.D
Acq: 2 Sep 2015 11:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.0	78.5	117.7#
141	814.6	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: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

Instrument :

BNA_F

ClientSampleID :

PB85343BL

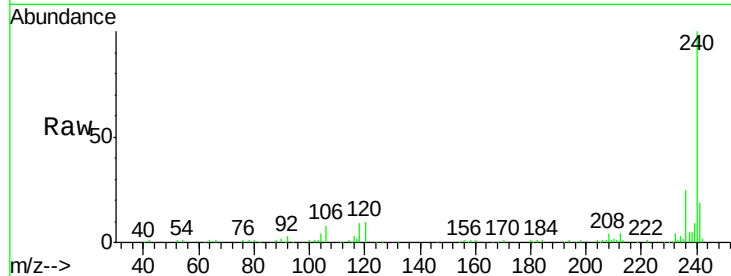
Tot Ion:240 Resp: 168518

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

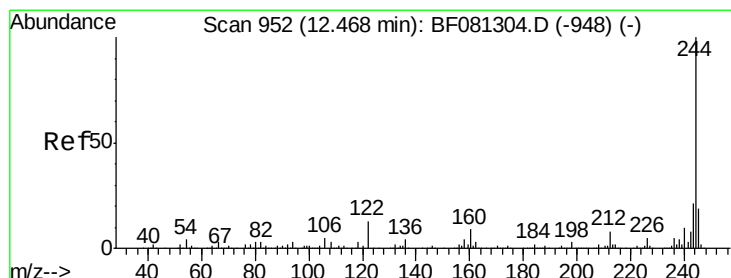
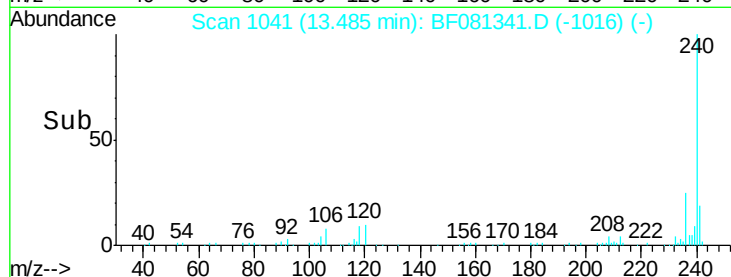
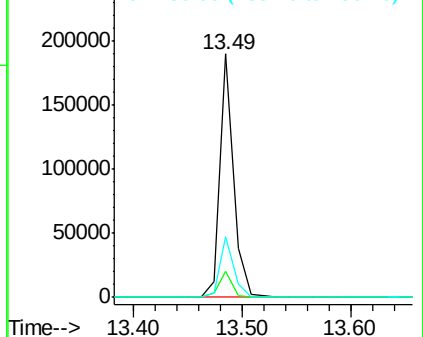
236 24.9 18.4 27.6



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: 83.16 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF081341.D

Acq: 2 Sep 2015 11:19

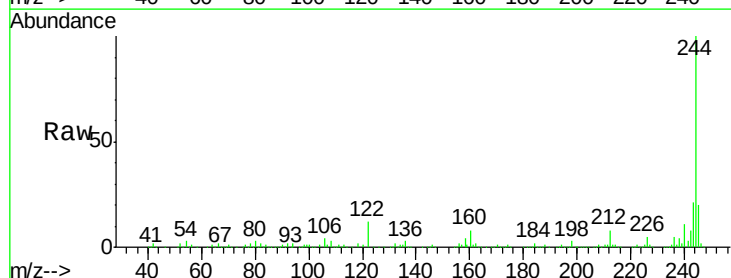
Tgt Ion:244 Resp: 602036

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

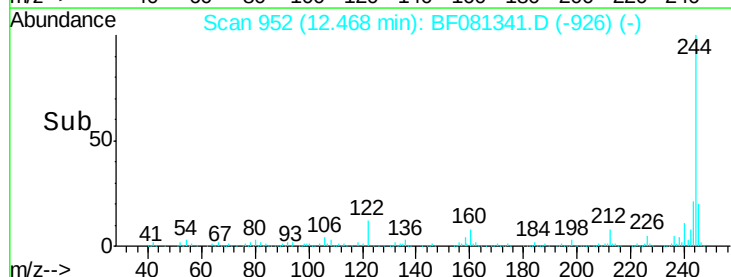
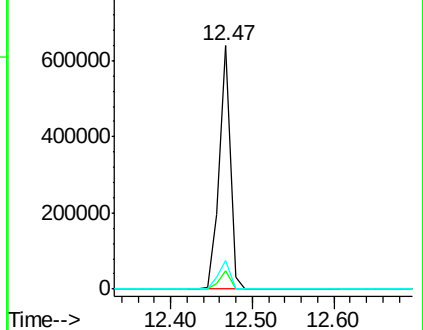
122 11.8 17.4 26.2#

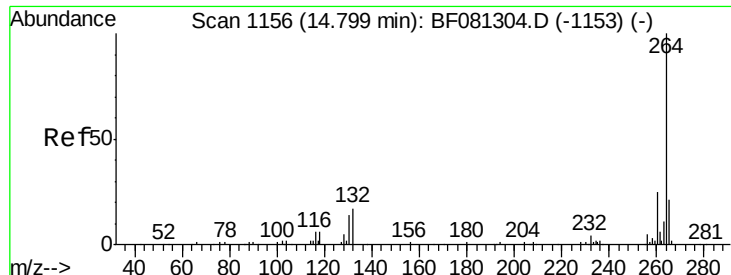


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.80 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF081341.D
 Acq: 2 Sep 2015 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BL

Tot Ion:	264	Resp:	122755
Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	20.9	17.2	25.8

