

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093776.D
 Acq On : 20 Mar 2017 20:47
 Operator : SJ/MA
 Sample : I2304-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Quant Time: Mar 21 01:06:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

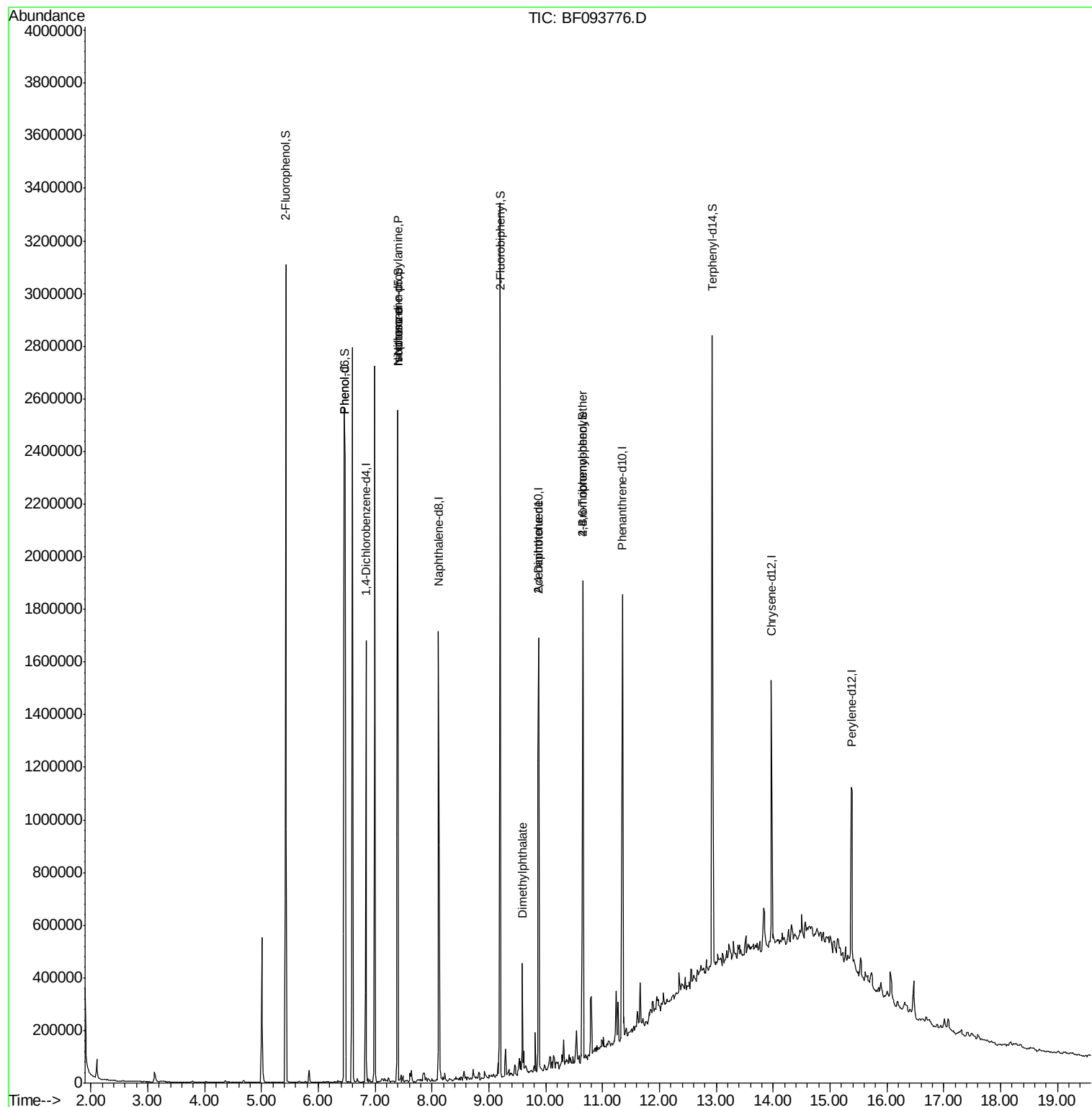
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	246170	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	921338	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	419106	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	679718	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	415442	20.00	ng	-0.03
86) Perylene-d12	15.39	264	379374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	993711	70.59	ng	-0.01
7) Phenol-d6	6.47	99	1398858	80.42	ng	-0.01
23) Nitrobenzene-d5	7.40	82	847556	52.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	183008	56.38	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1292298	51.85	ng	-0.01
78) Terphenyl-d14	12.93	244	769035	37.74	ng	-0.02
Target Compounds						
10) Phenol	6.47	94	59737	3.06	ng	# 21
19) n-Nitroso-di-n-propylamine	7.40	70	112682	9.89	ng	# 78
25) Isophorone	7.40	82	833899	28.98	ng	# 67
49) Dimethylphthalate	9.59	163	159941	5.36	ng	99
56) 2,4-Dinitrotoluene	9.88	165	56534	6.80	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	13783	2.11	ng	# 1

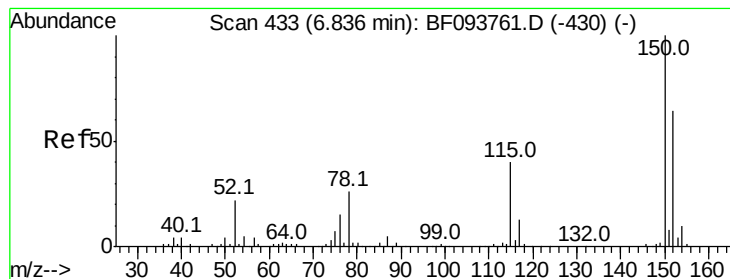
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SPA-B2(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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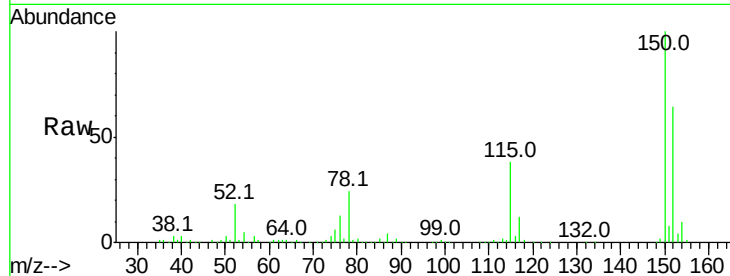


#1

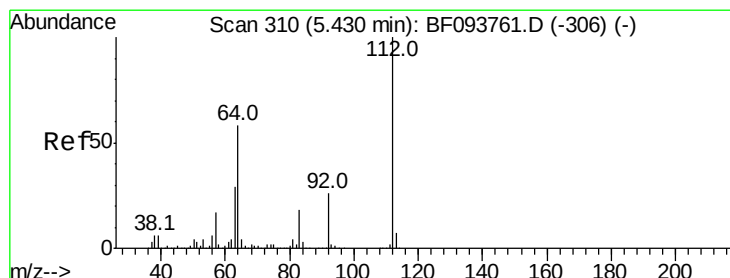
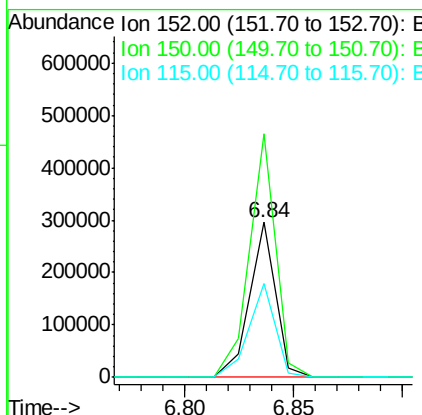
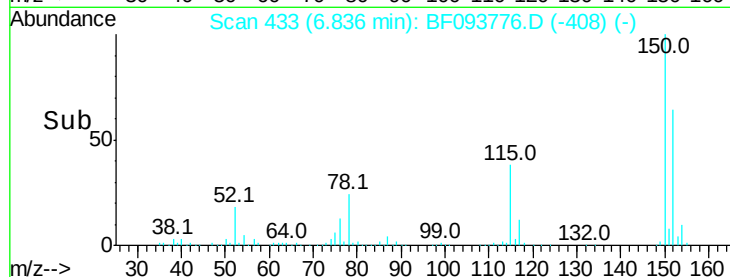
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Tot Ion:152 Resp: 246170
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.2 189.2
 115 60.1 52.2 78.2



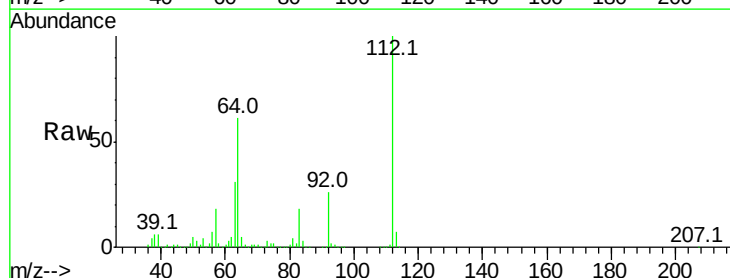
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



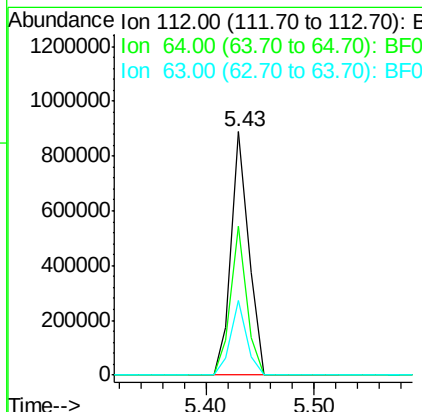
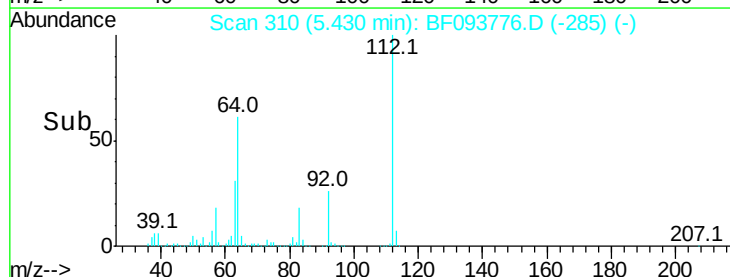
#5

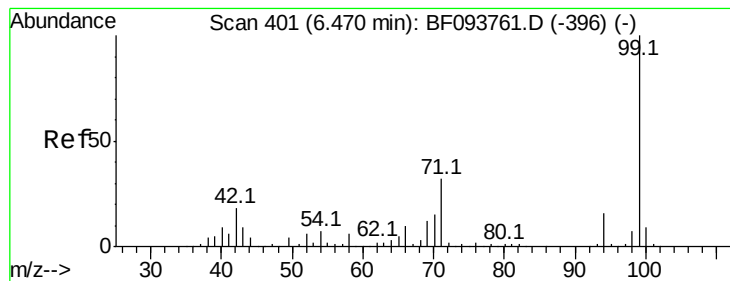
2-Fluorophenol
 Concen: 70.59 ng
 RT: 5.43 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Tgt Ion:112 Resp: 993711
 Ion Ratio Lower Upper
 112 100
 64 61.2 46.0 69.0
 63 30.6 23.4 35.0



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: 80.42 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

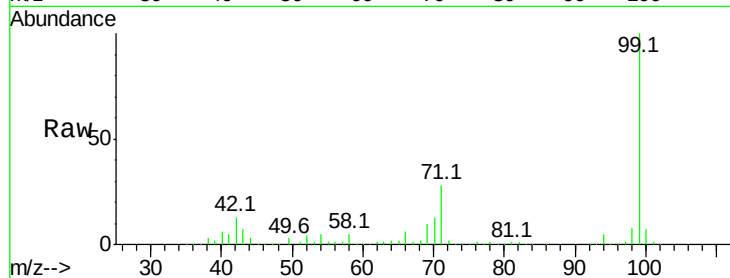
BNA_F

ClientSampleId :

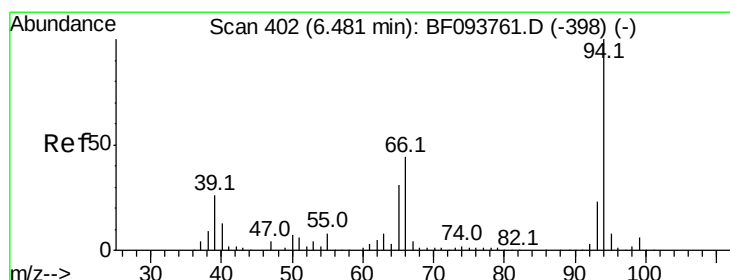
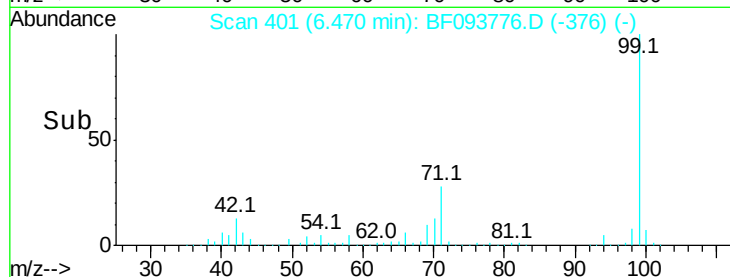
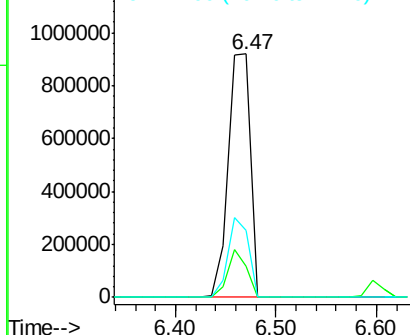
SPA-B2(0-5)

Tot Ion: 99 Resp: 1398858

Ion	Ratio	Lower	Upper
99	100		
42	12.9	13.5	20.3#
71	27.6	24.5	36.7



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



#10

Phenol

Concen: 3.06 ng

RT: 6.47 min Scan# 401

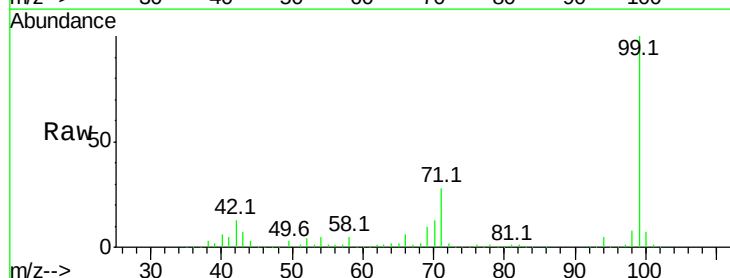
Delta R.T. -0.02 min

Lab File: BF093776.D

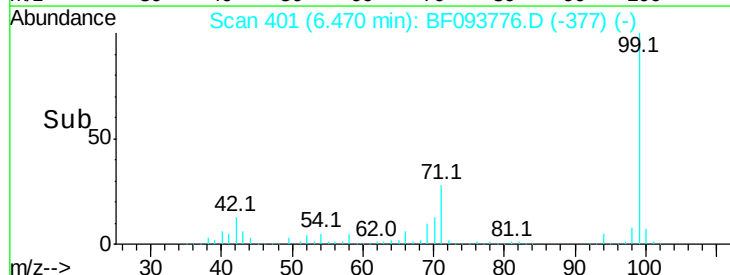
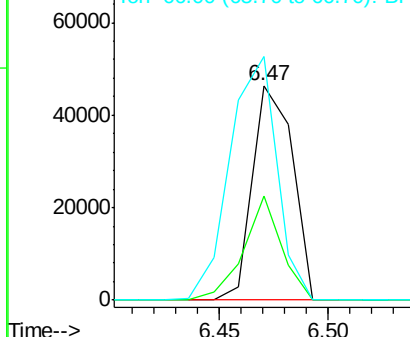
Acq: 20 Mar 2017 20:47

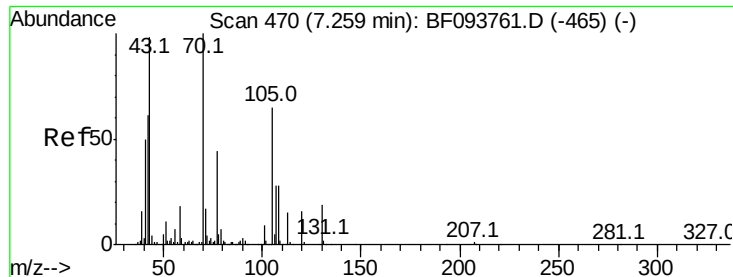
Tgt Ion: 94 Resp: 59737

Ion	Ratio	Lower	Upper
94	100		
65	48.4	9.9	49.9
66	113.5	23.1	63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

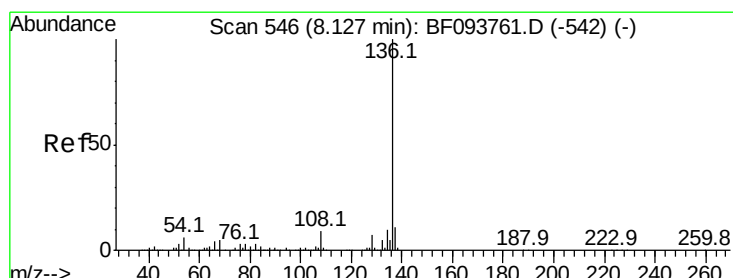
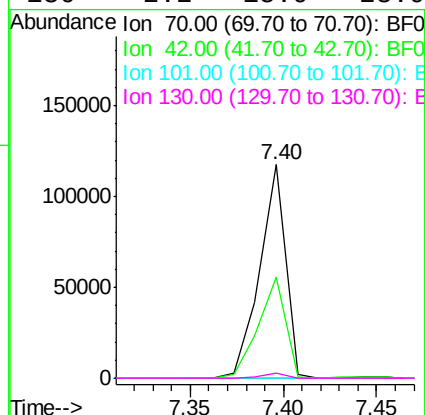
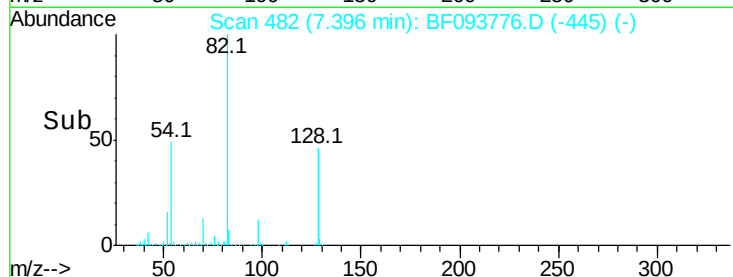
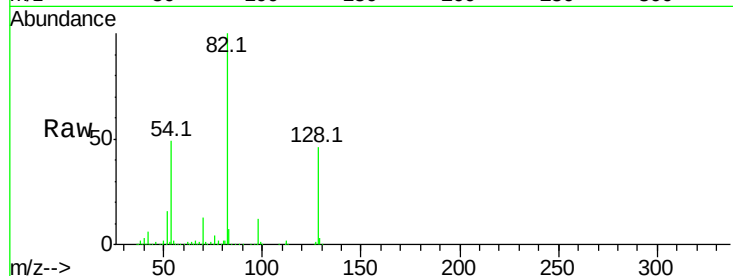




#19
n-Nitroso-di-n-propylamine
Concen: 9.89 ng
RT: 7.40 min Scan# 482
Delta R.T. 0.13 min
Lab File: BF093776.D
Acq: 20 Mar 2017 20:47

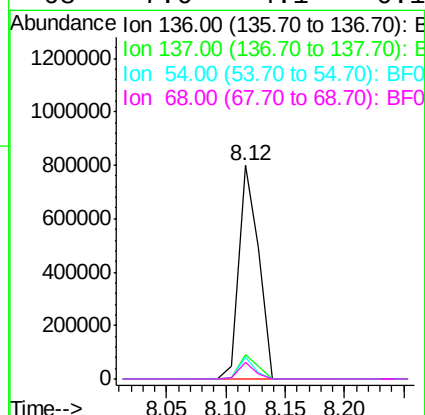
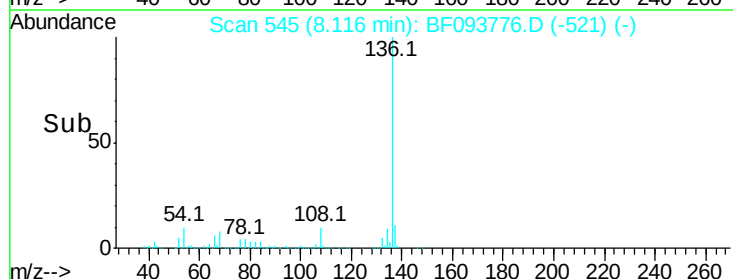
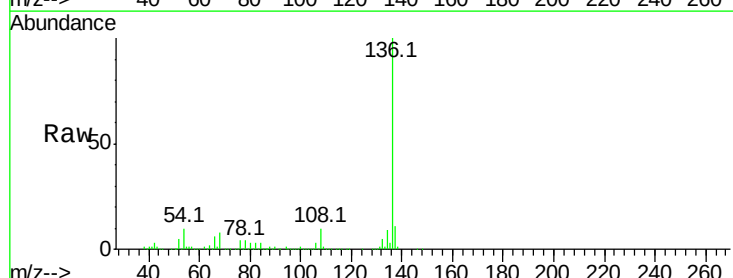
Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

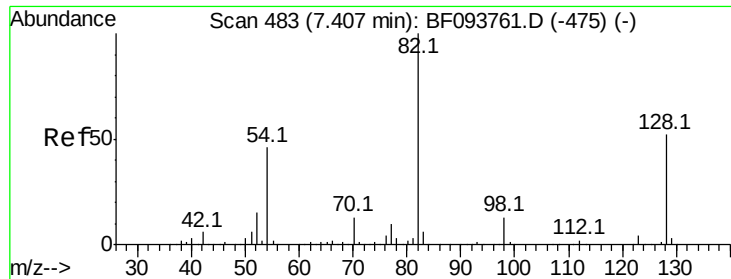
Tot Ion: 70 Resp: 112682
Ion Ratio Lower Upper
70 100
42 47.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093776.D
Acq: 20 Mar 2017 20:47

Tgt Ion: 136 Resp: 921338
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.0 4.9 7.3#
68 7.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 52.19 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

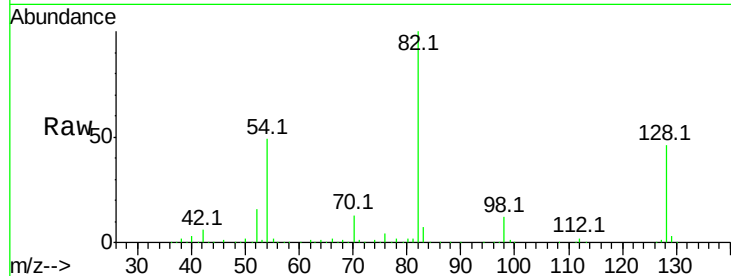
Tot Ion: 82 Resp: 847556

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

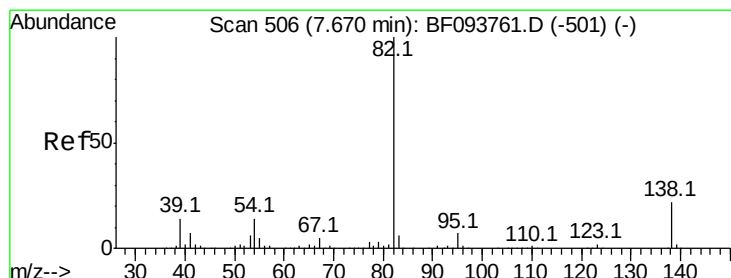
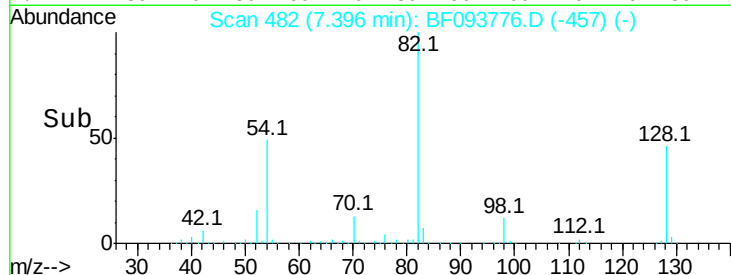
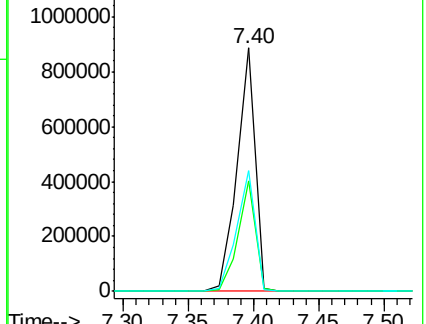
54 49.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 28.98 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.27 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

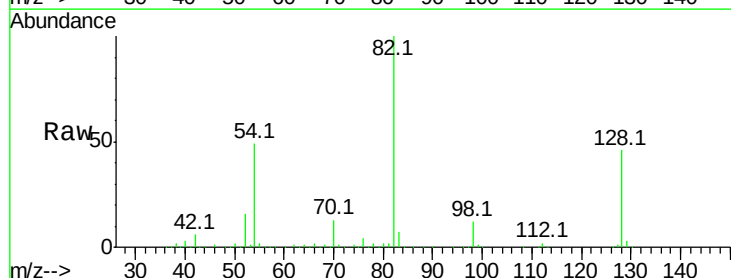
Tgt Ion: 82 Resp: 833899

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

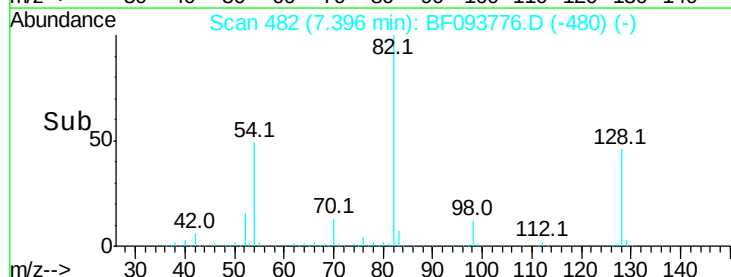
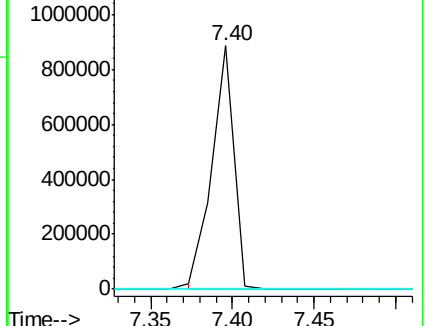
138 0.0 13.1 19.7#

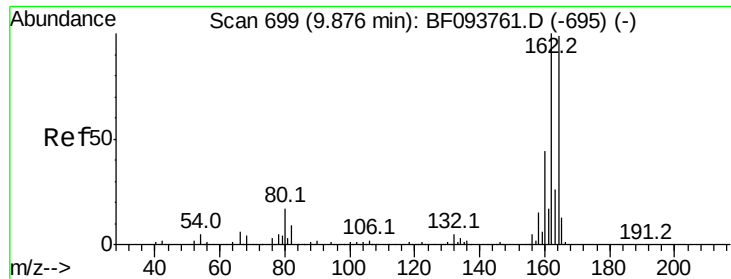


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

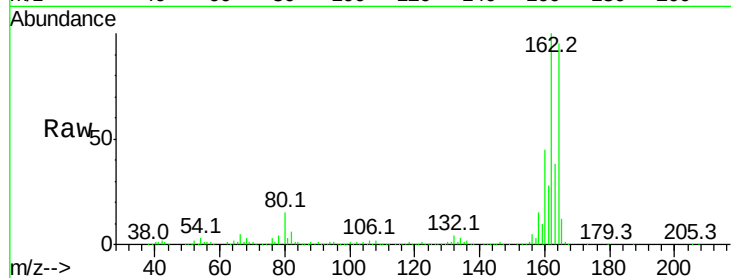




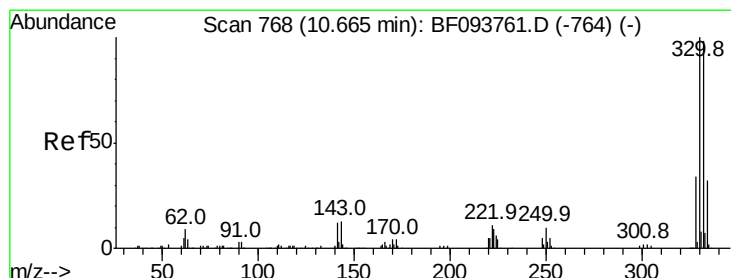
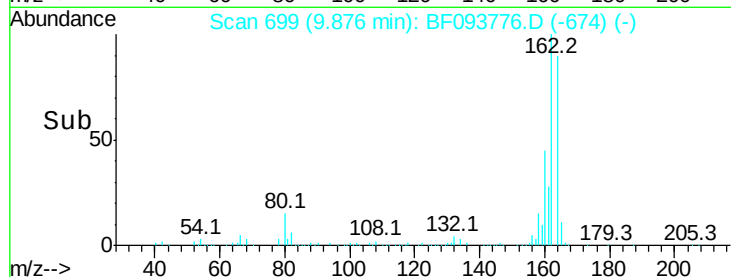
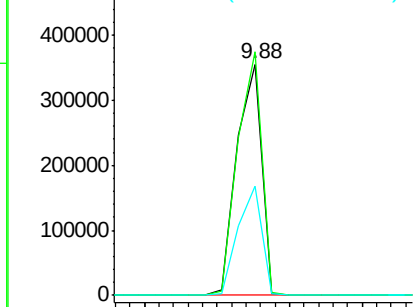
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Tot Ion:164 Resp: 419106
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 47.3 36.2 54.2

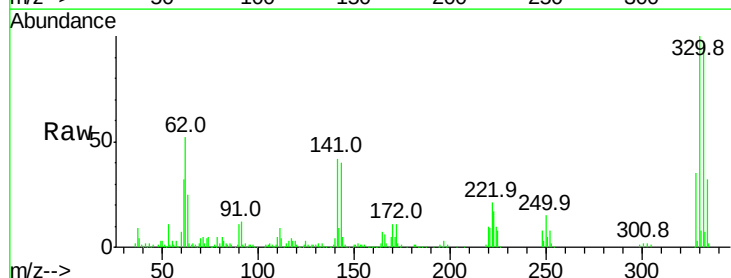


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

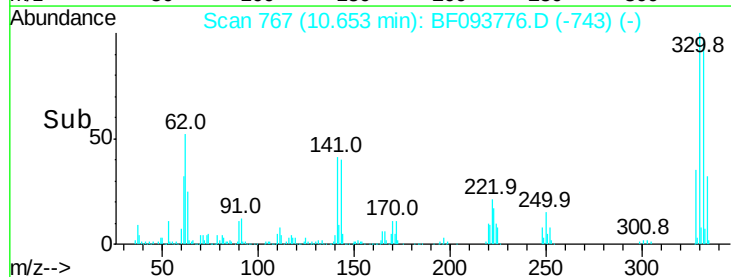
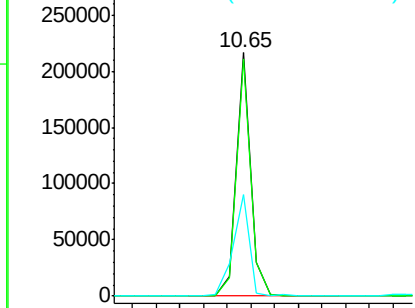


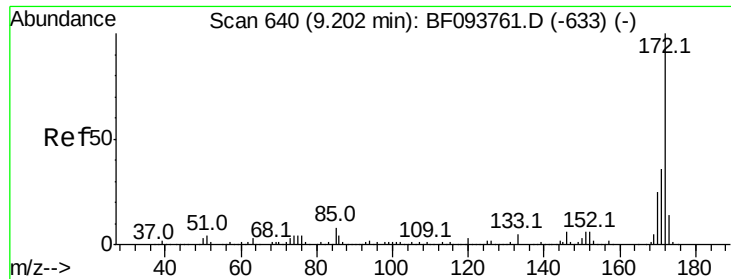
#41
 2,4,6-Tribromophenol
 Concen: 56.38 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Tgt Ion:330 Resp: 183008
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 46.3 31.4 47.2



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



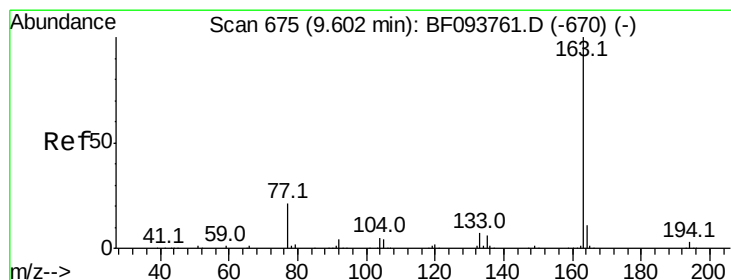
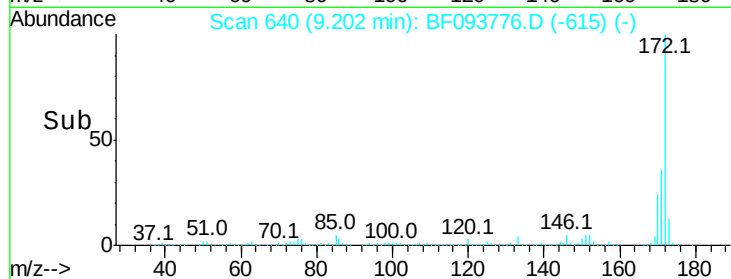
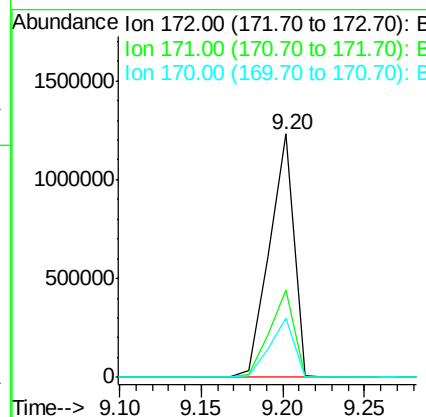
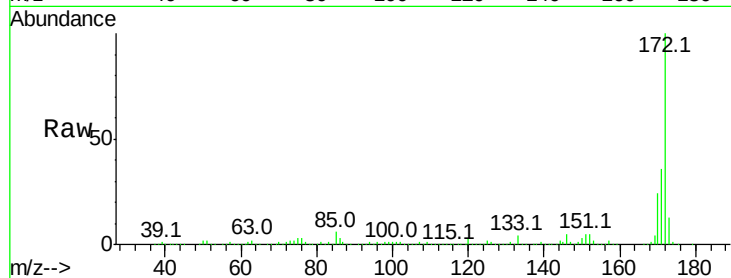


#44
 2-Fluorobiphenyl
 Concen: 51.85 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Tot Ion:172 Resp: 1292298

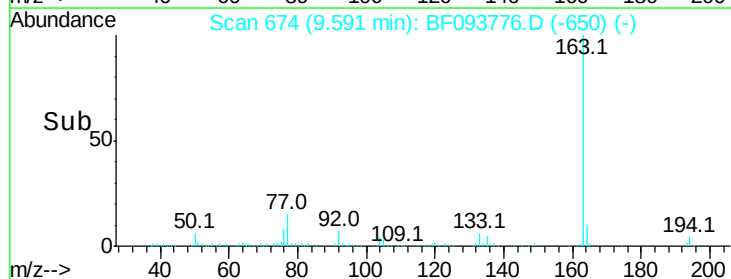
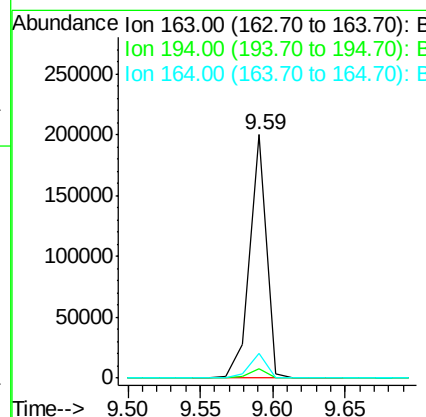
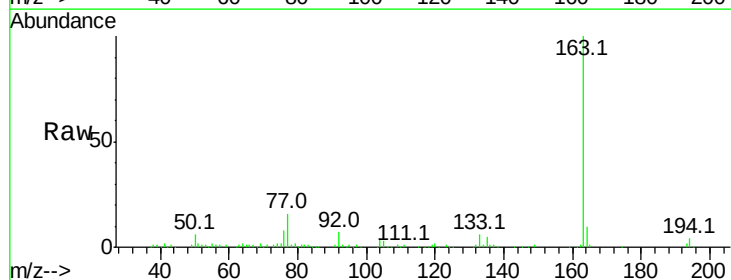
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8

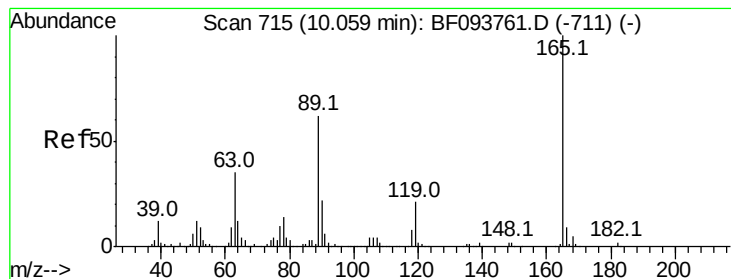


#49
 Dimethylphthalate
 Concen: 5.36 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Tgt Ion:163 Resp: 159941

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.2	8.4	12.6





#56

2,4-Dinitrotoluene

Concen: 6.80 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.19 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

Tot Ion:165 Resp: 56534

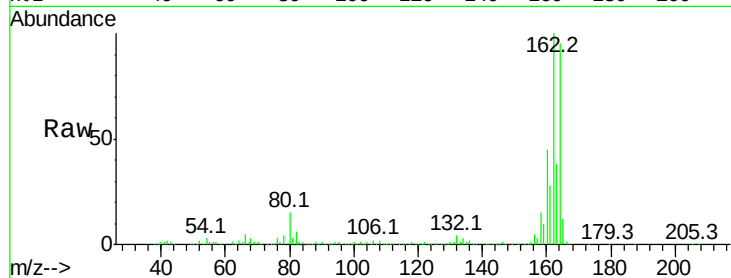
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

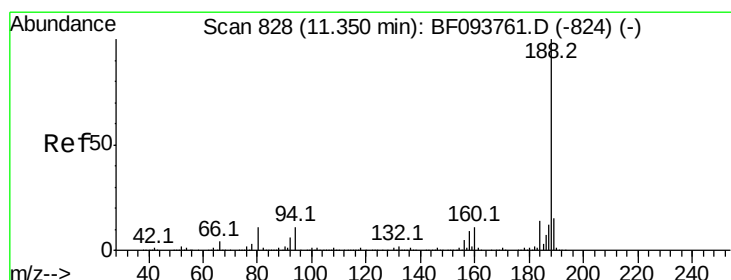
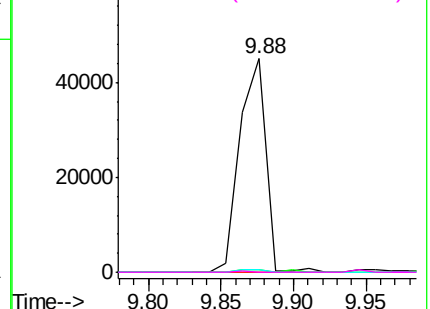
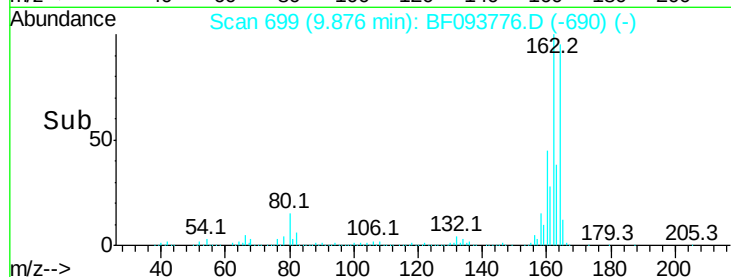


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

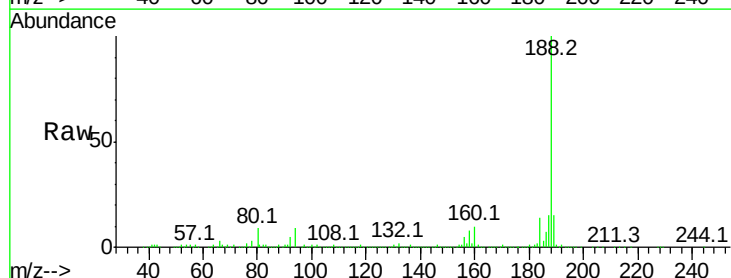
Tgt Ion:188 Resp: 679718

Ion Ratio Lower Upper

188 100

94 8.7 9.4 14.2#

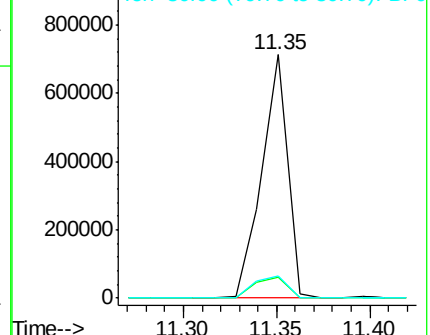
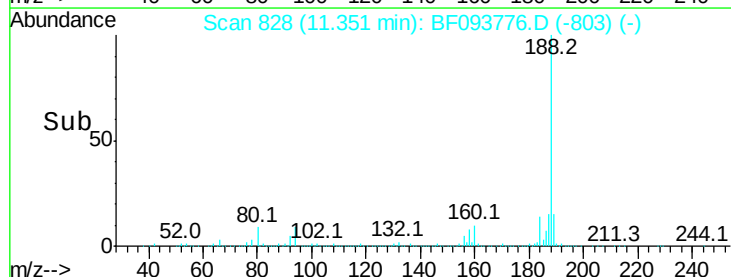
80 9.0 10.2 15.2#

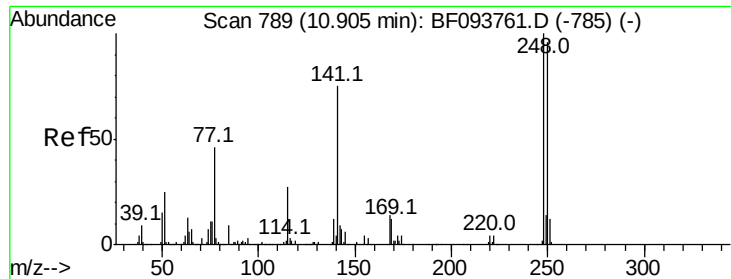


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.11 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.26 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

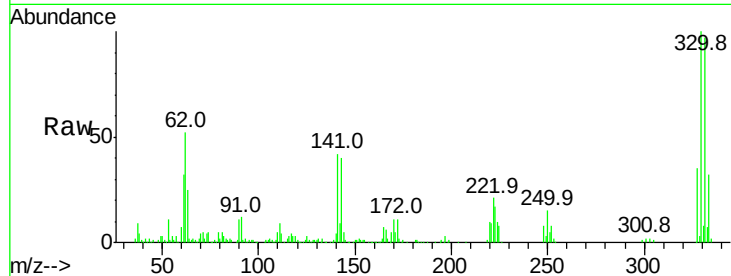
Tot Ion:248 Resp: 13783

Ion Ratio Lower Upper

248 100

250 194.3 76.8 115.2#

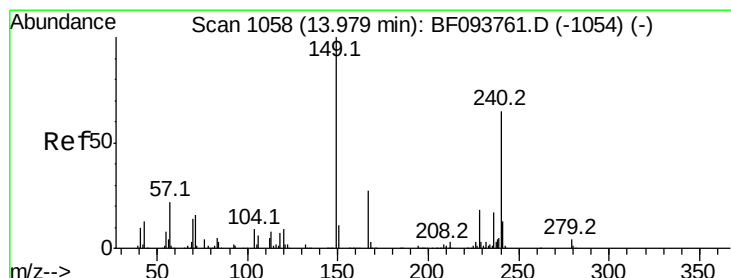
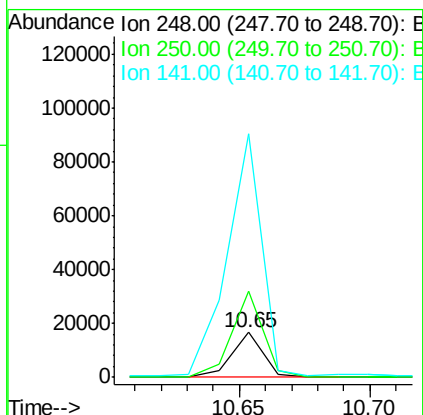
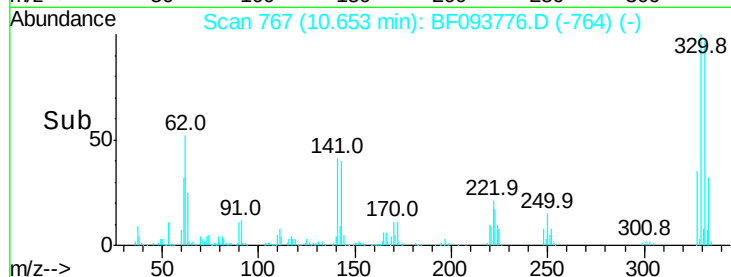
141 545.9 68.6 103.0#



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: 13.97 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

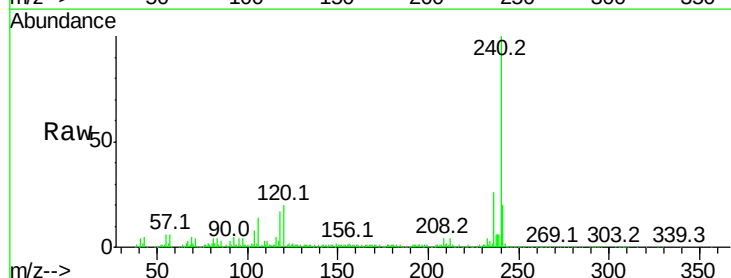
Tgt Ion:240 Resp: 415442

Ion Ratio Lower Upper

240 100

120 20.1 5.8 8.8#

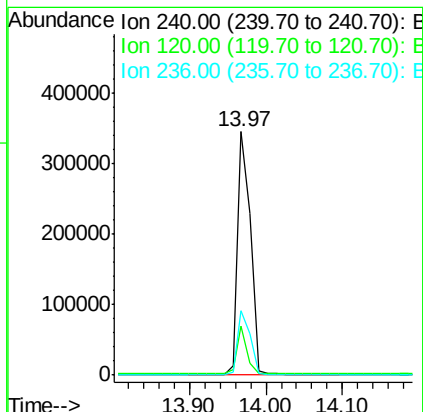
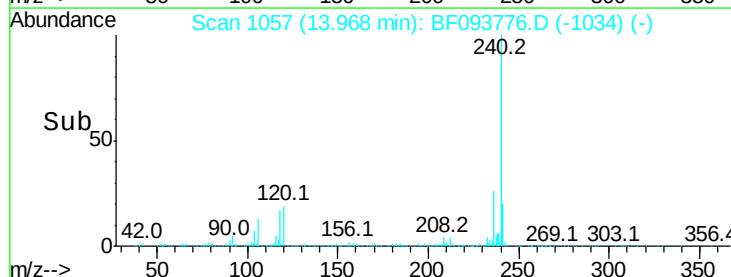
236 26.2 20.5 30.7

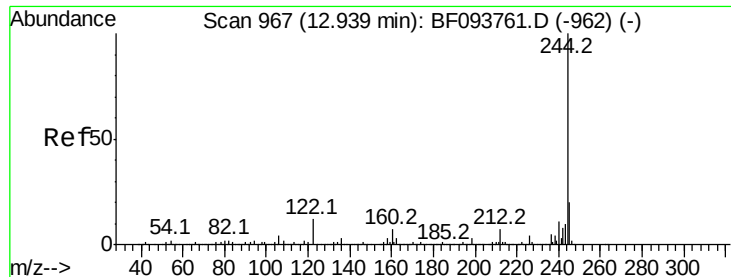


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 37.74 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

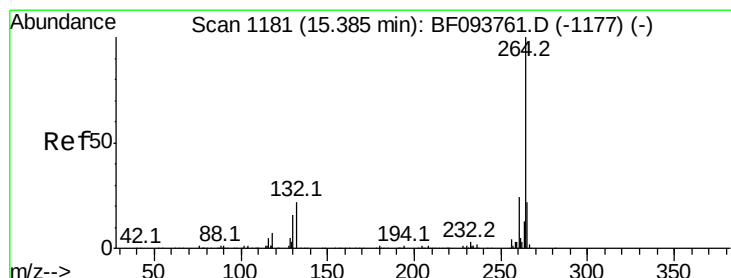
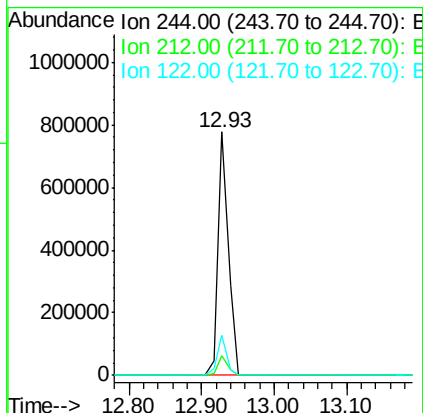
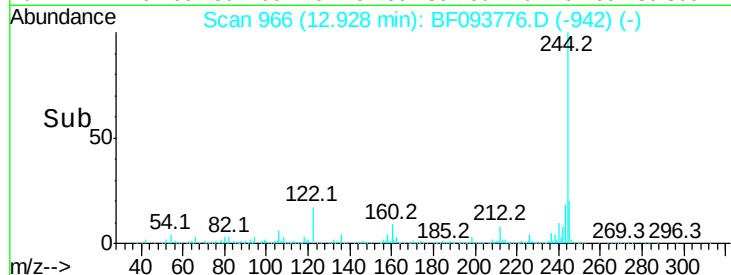
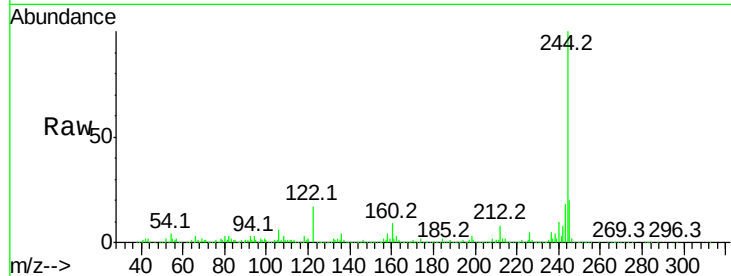
Tot Ion:244 Resp: 769035

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 16.7 10.3 15.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Tgt Ion:264 Resp: 379374

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.8 17.2 25.8

