

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093810.D
 Acq On : 21 Mar 2017 20:44
 Operator : SJ/MA
 Sample : I2304-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

Quant Time: Mar 22 00:55:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

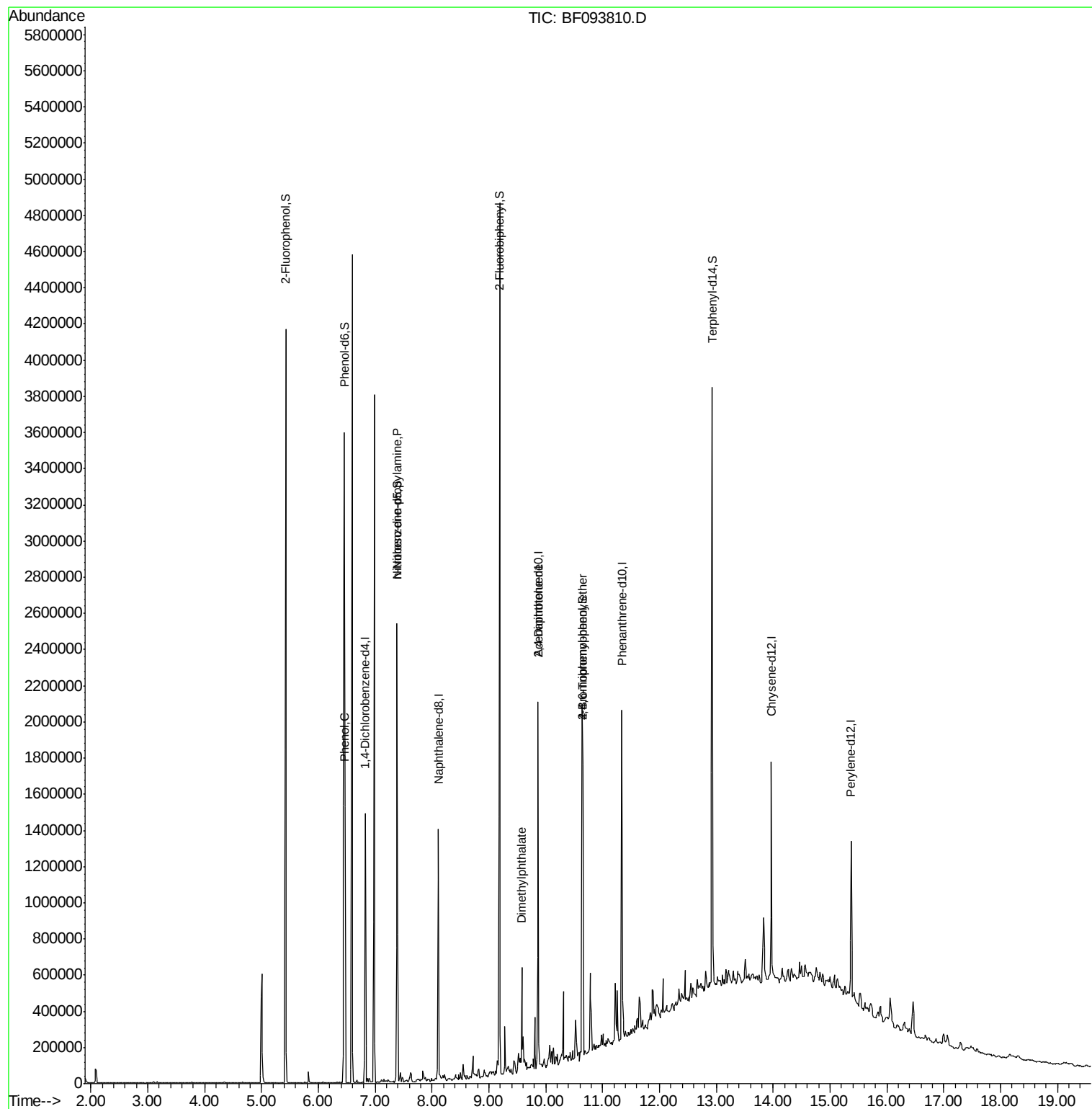
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	208470	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	866679	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	399500	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	634404	20.00	ng	0.00
75) Chrysene-d12	13.97	240	413485	20.00	ng	0.00
86) Perylene-d12	15.37	264	371703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1270878	106.60	ng	0.01
7) Phenol-d6	6.46	99	1607377	109.12	ng	0.00
23) Nitrobenzene-d5	7.38	82	964297	63.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	344046	111.19	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1522073	64.07	ng	0.00
78) Terphenyl-d14	12.93	244	1061157	52.32	ng	0.00
Target Compounds						
10) Phenol	6.47	94	133192	8.04	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.38	70	127299	13.19	ng	# 80
49) Dimethylphthalate	9.58	163	196588	6.91	ng	99
56) 2,4-Dinitrotoluene	9.86	165	56222	7.10	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	21576	3.53	ng	# 1

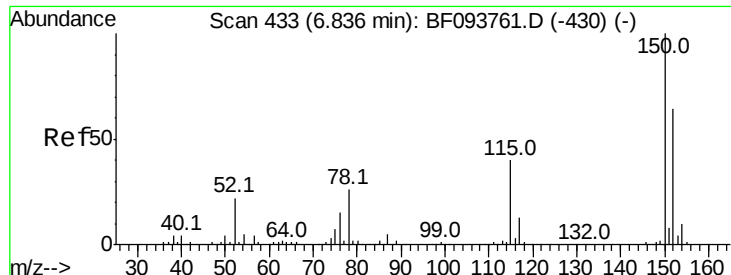
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

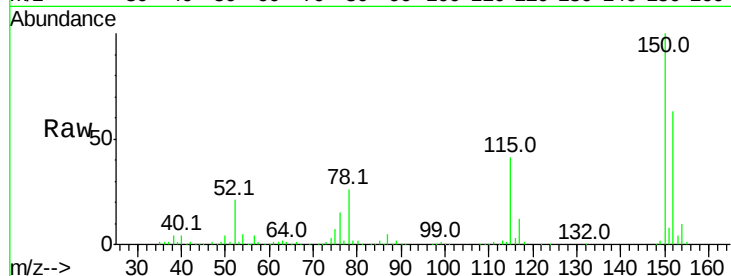
Tot Ion:152 Resp: 208470

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

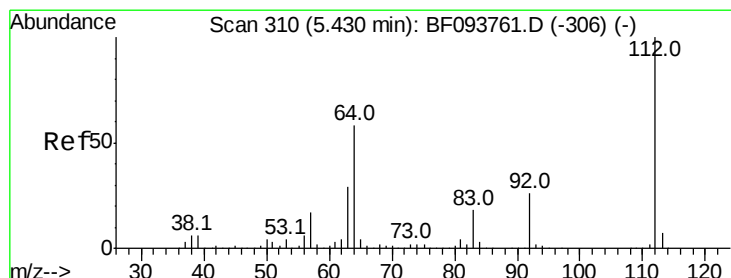
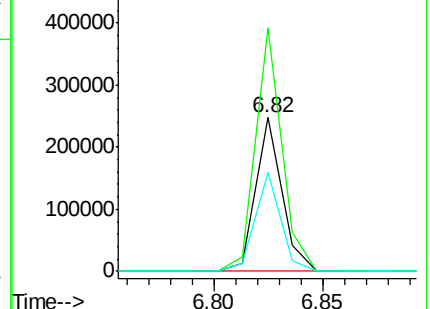
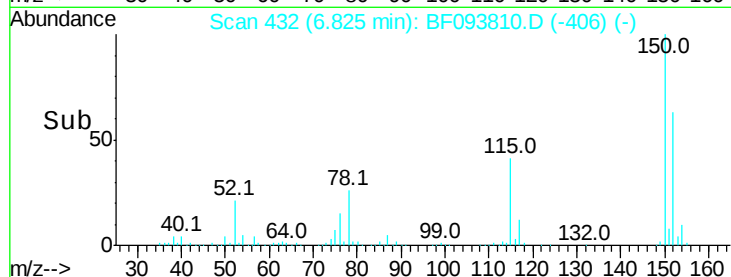
115 64.4 52.2 78.2



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: 106.60 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

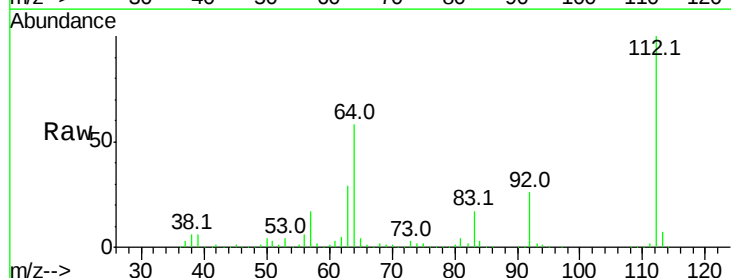
Tgt Ion:112 Resp: 1270878

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

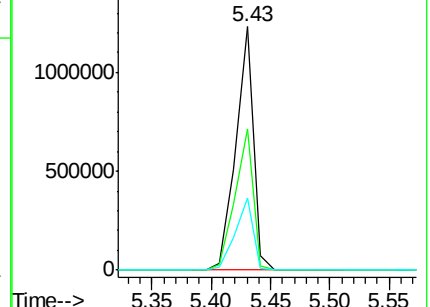
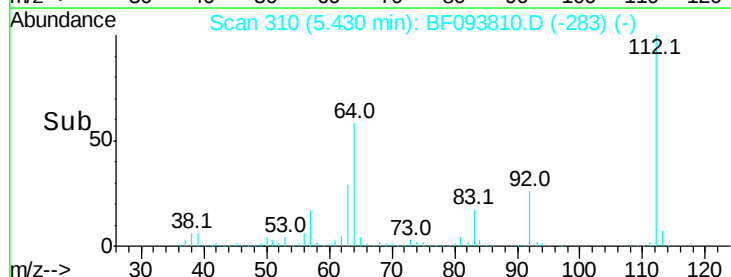
63 29.4 23.4 35.0

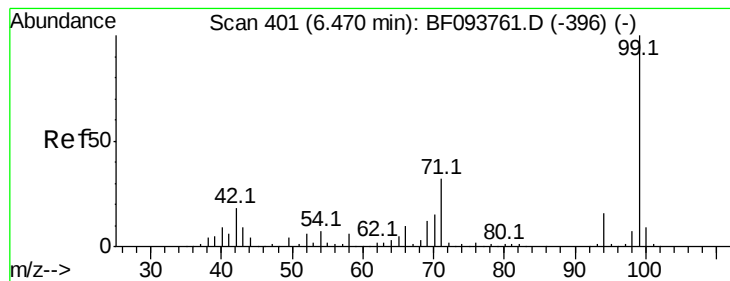


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.12 ng

RT: 6.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

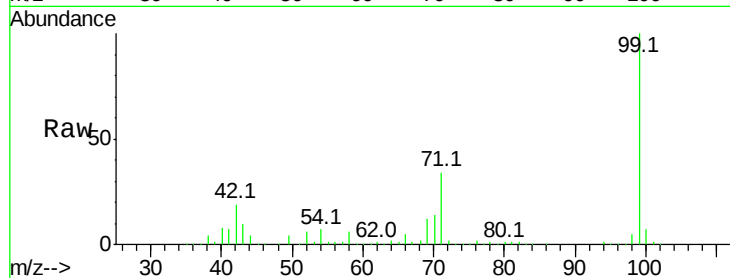
BNA_F

ClientSampleId :

SP-A(0-5)B1

Tot Ion: 99 Resp: 1607377

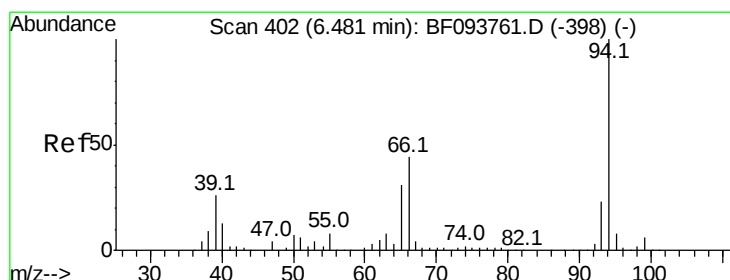
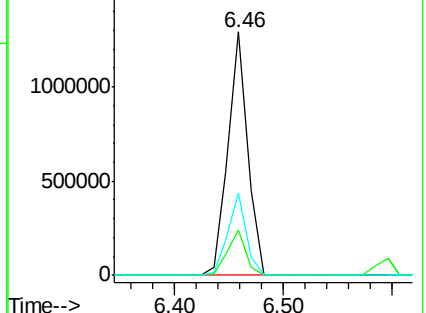
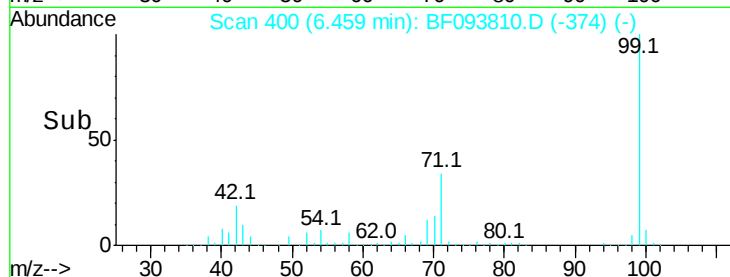
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.5	20.3
71	33.8	24.5	36.7



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: 8.04 ng

RT: 6.47 min Scan# 401

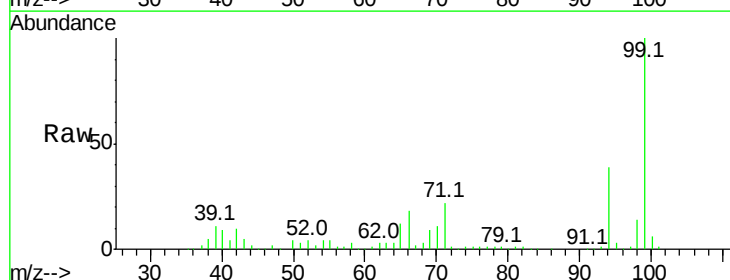
Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Tgt Ion: 94 Resp: 133192

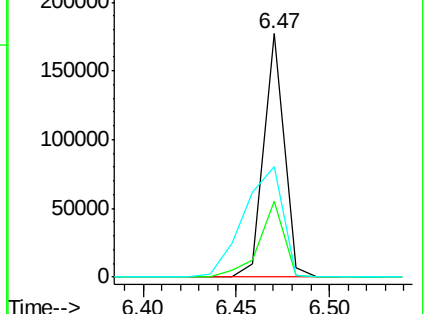
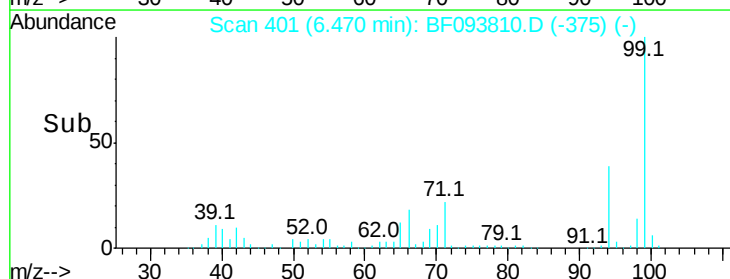
Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.9	49.9
66	45.3	23.1	63.1

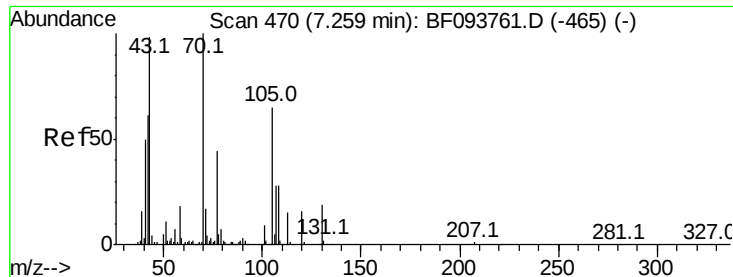


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

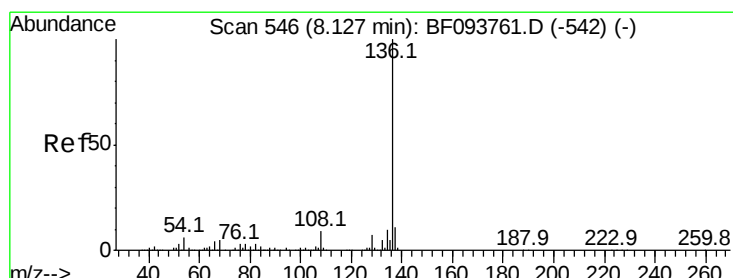
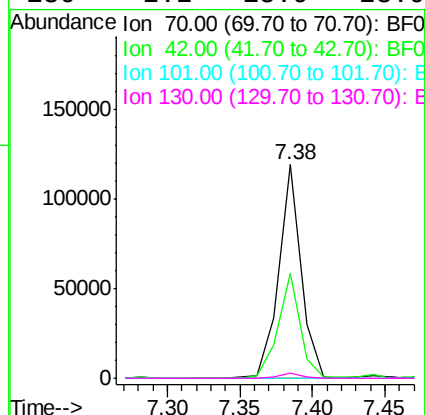
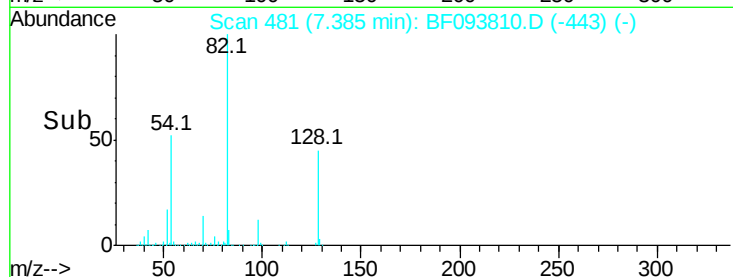
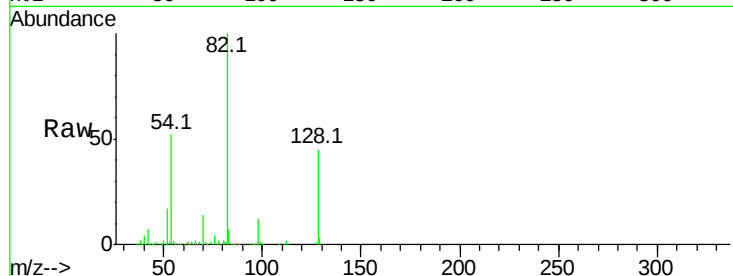




#19
n-Nitroso-di-n-propylamine
Concen: 13.19 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

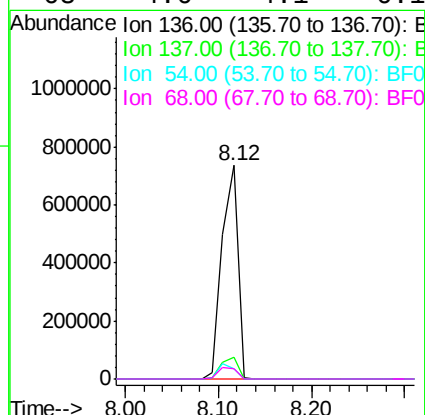
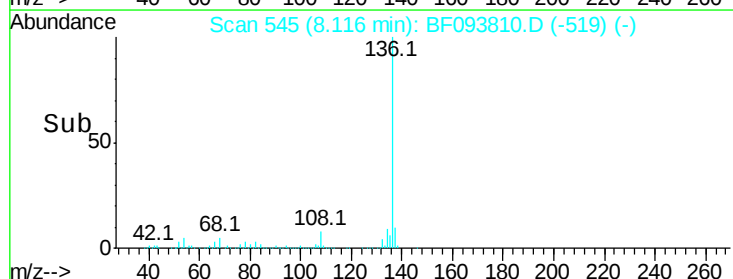
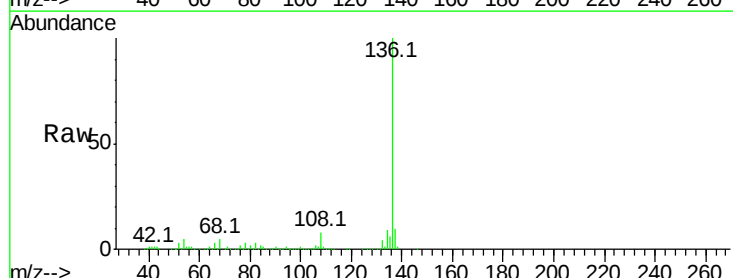
Instrument :
BNA_F
ClientSampleId :
SP-A(0-5)B1

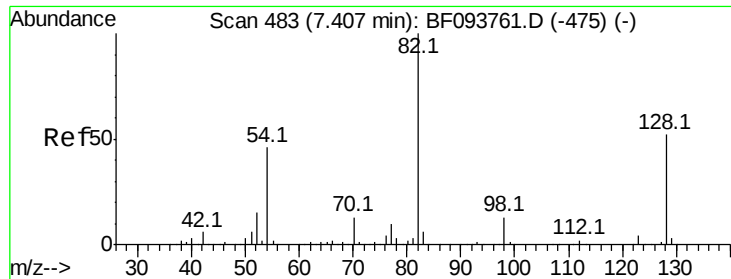
Tot Ion: 70 Resp: 127299
Ion Ratio Lower Upper
70 100
42 48.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

Tgt Ion:136 Resp: 866679
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 5.1 4.9 7.3
68 4.6 4.1 6.1

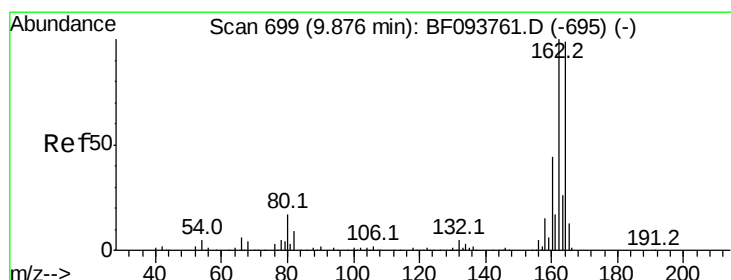
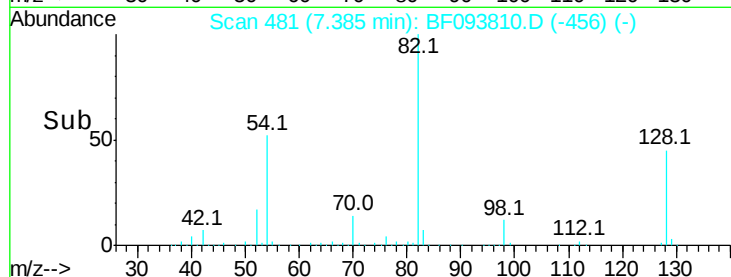
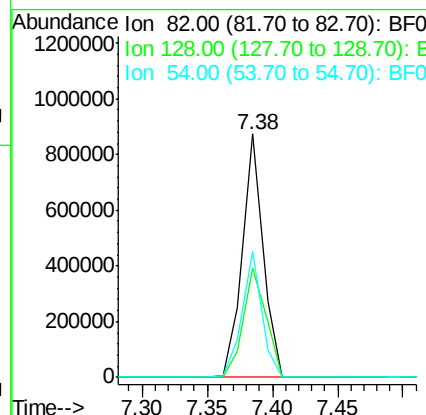
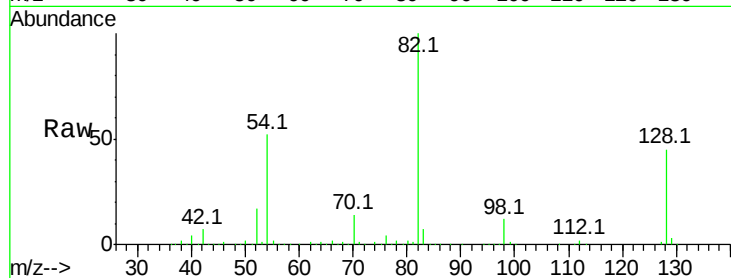




#23
 Nitrobenzene-d5
 Concen: 63.12 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

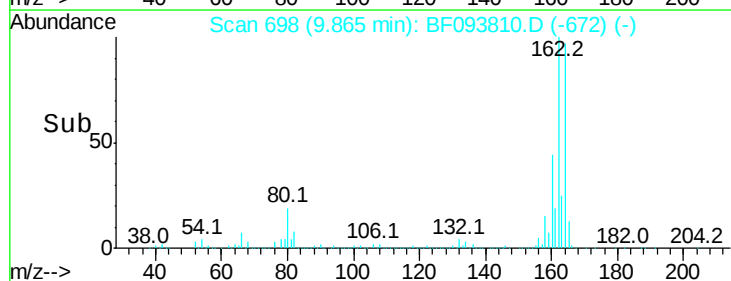
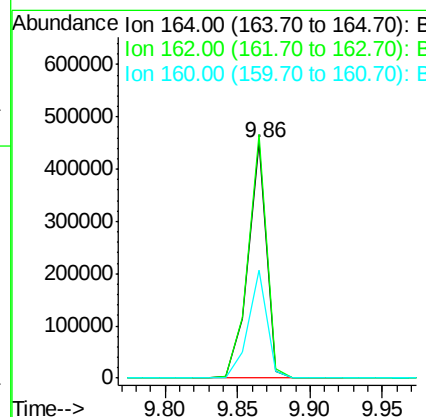
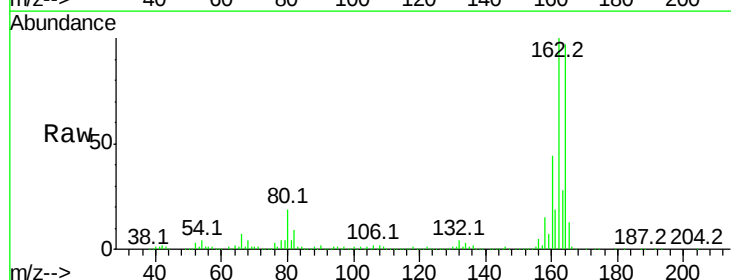
Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

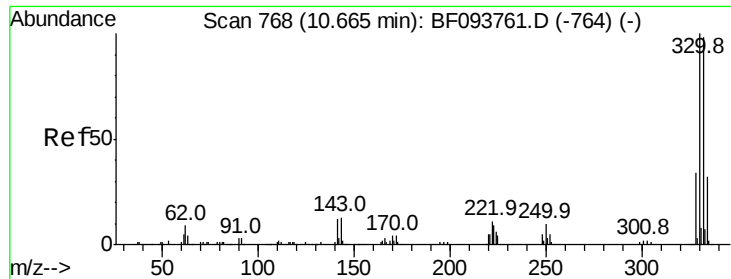
Tot Ion	82	Resp	964297
Ion Ratio	100	Lower	Upper
128	44.8	34.0	51.0
54	51.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

Tgt Ion	164	Resp	399500
Ion Ratio	100	Lower	Upper
162	103.3	82.6	123.8
160	45.8	36.2	54.2

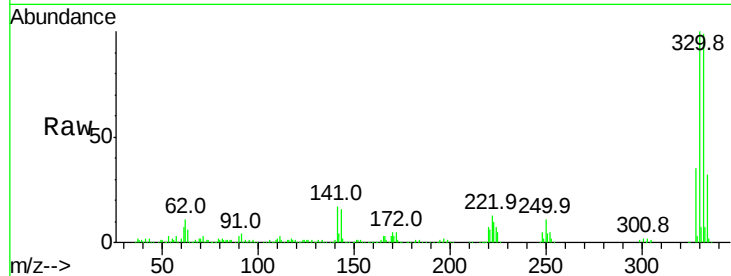




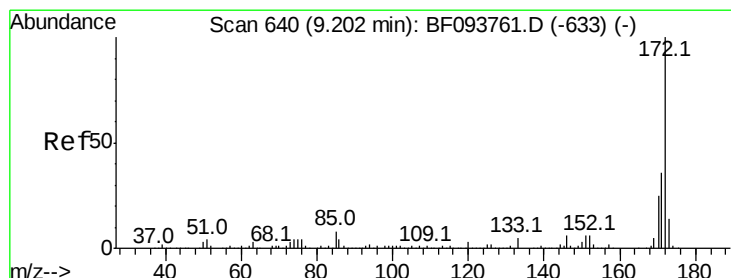
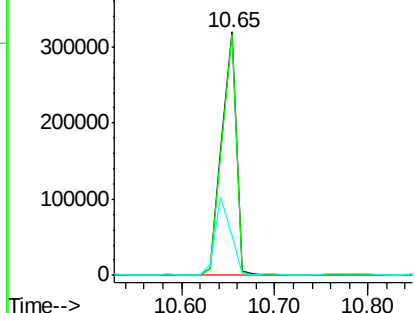
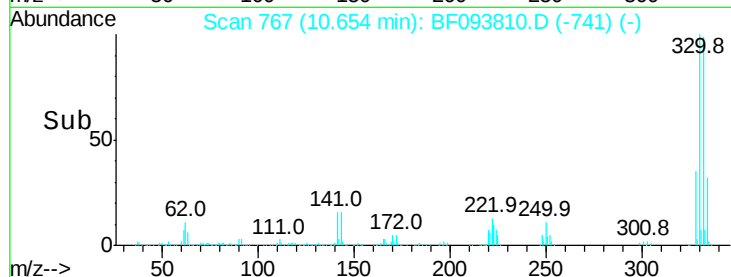
#41
 2,4,6-Tribromophenol
 Concen: 111.19 ng
 RT: 10.65 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

Tot Ion:330 Resp: 344046
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 35.0 31.4 47.2

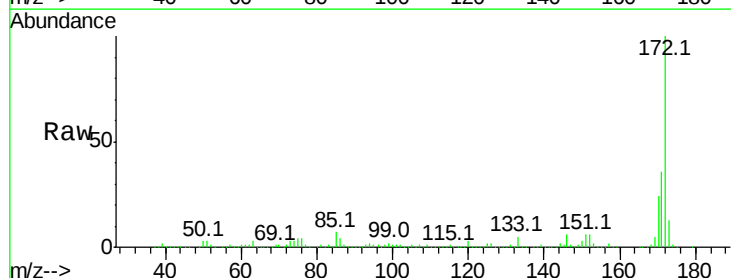


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

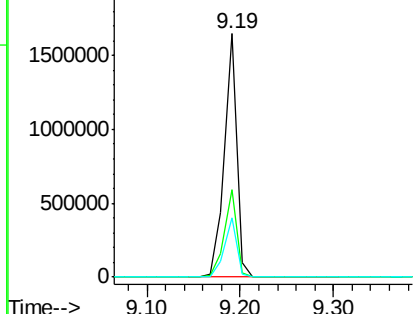
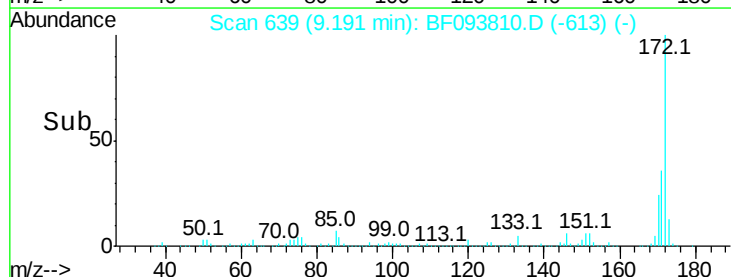


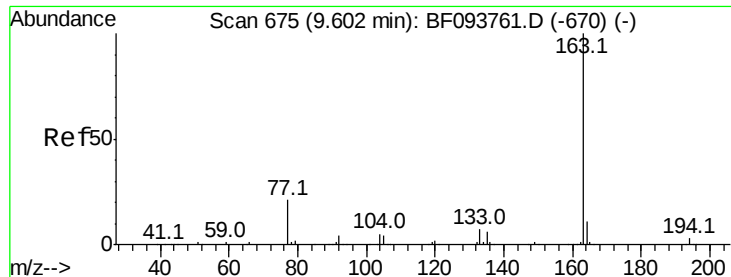
#44
 2-Fluorobiphenyl
 Concen: 64.07 ng
 RT: 9.19 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

Tgt Ion:172 Resp: 1522073
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 19.8 29.8



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

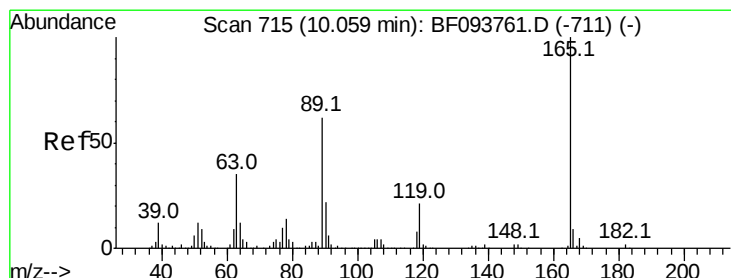
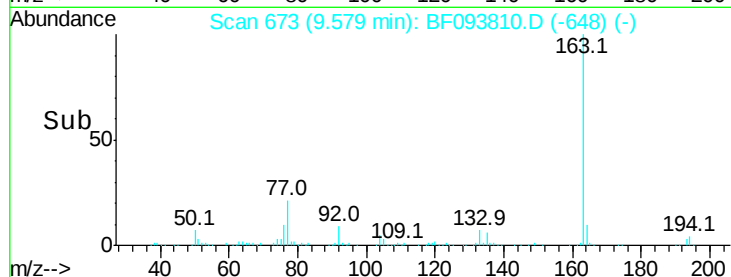
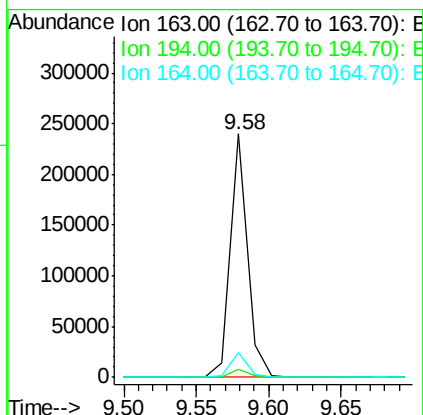
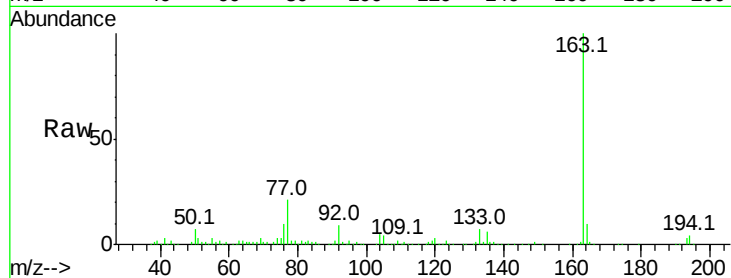




#49
Dimethylphthalate
Concen: 6.91 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

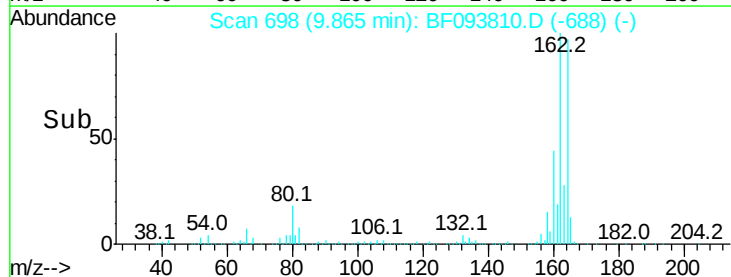
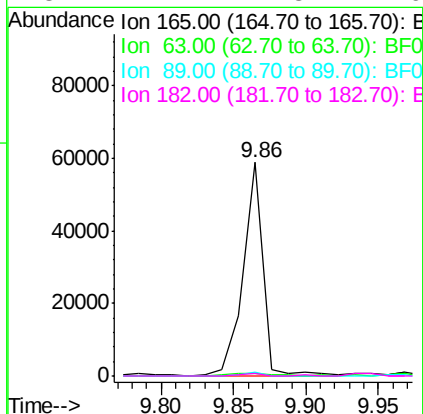
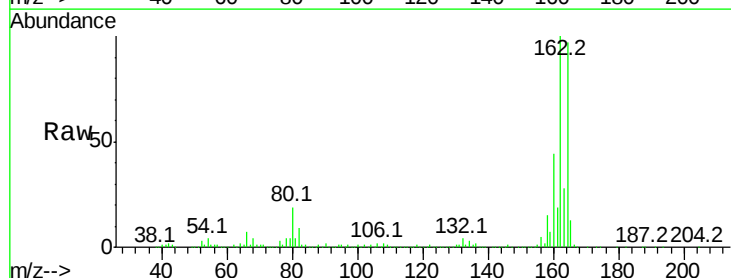
Instrument :
BNA_F
ClientSampleId :
SP-A(0-5)B1

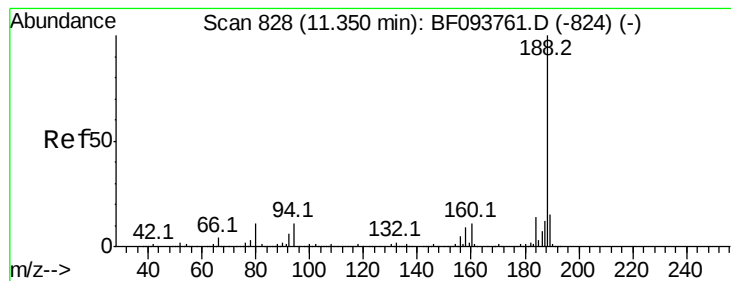
Tot Ion:163 Resp: 196588
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 7.10 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.18 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

Tgt Ion:165 Resp: 56222
Ion Ratio Lower Upper
165 100
63 1.3 25.4 38.0#
89 1.7 46.4 69.6#
182 1.1 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

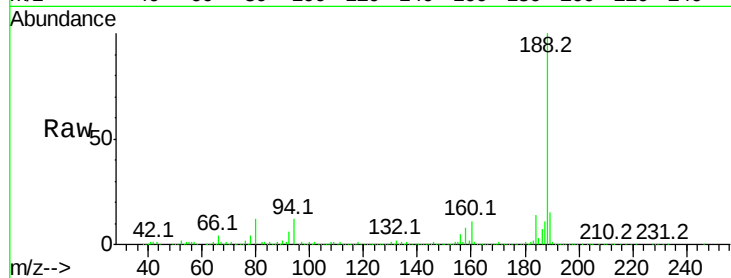
Tot Ion:188 Resp: 634404

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

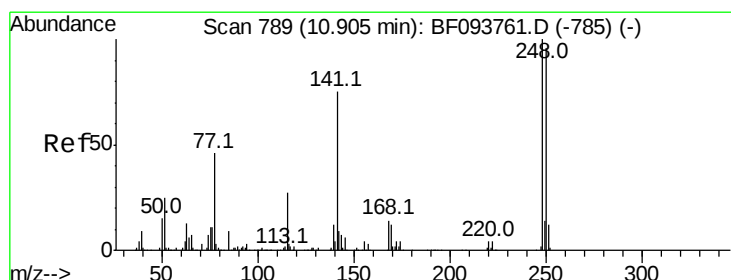
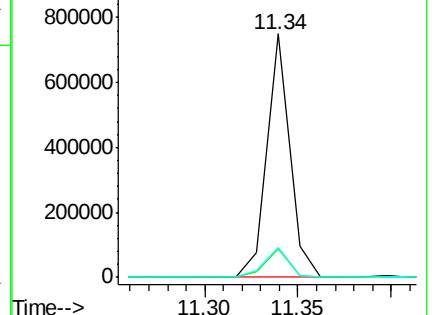
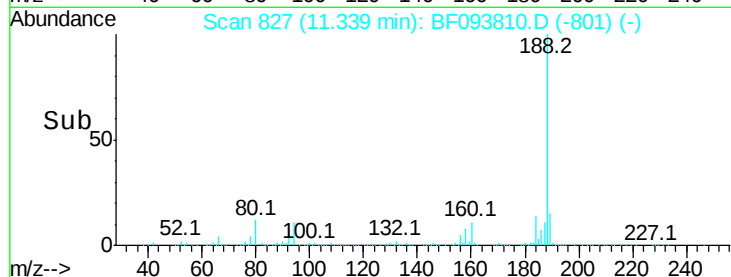
80 12.2 10.2 15.2



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: 3.53 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.24 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

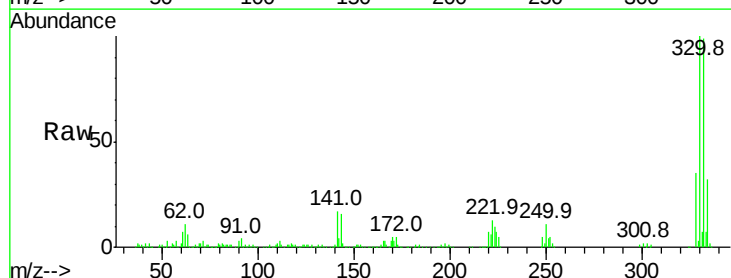
Tgt Ion:248 Resp: 21576

Ion Ratio Lower Upper

248 100

250 208.5 76.8 115.2#

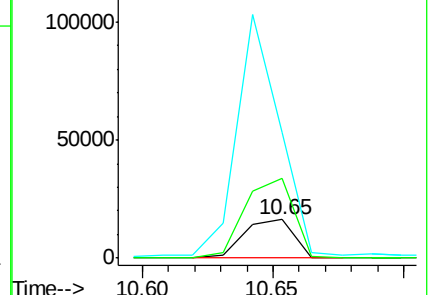
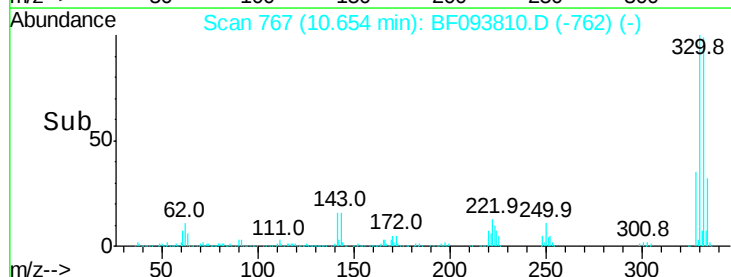
141 327.6 68.6 103.0#

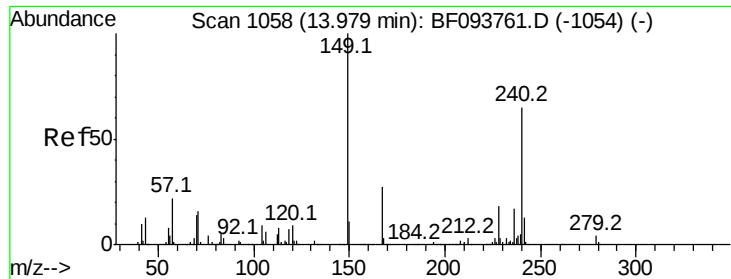


Abundance Ion 248.00 (247.70 to 248.70): E

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. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

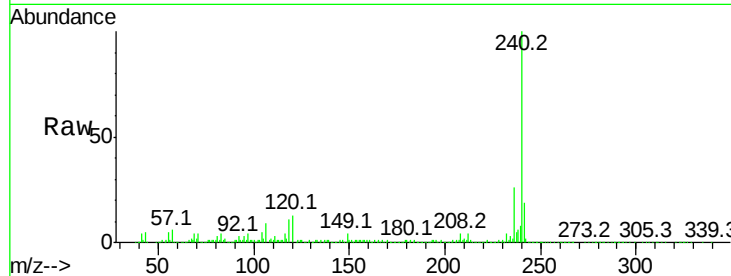
Tot Ion:240 Resp: 413485

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

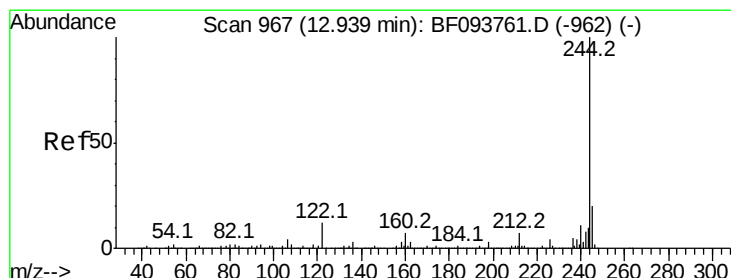
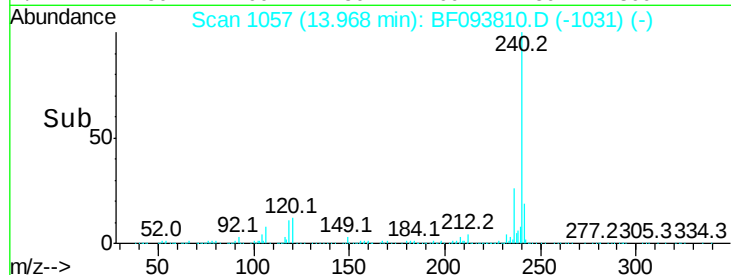
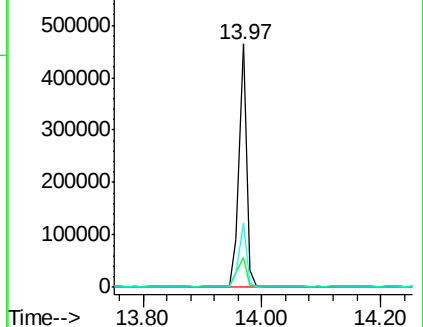
236 26.4 20.5 30.7



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: 52.32 ng

RT: 12.93 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

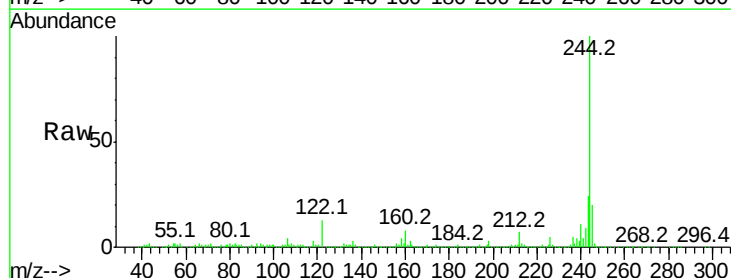
Tgt Ion:244 Resp: 1061157

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

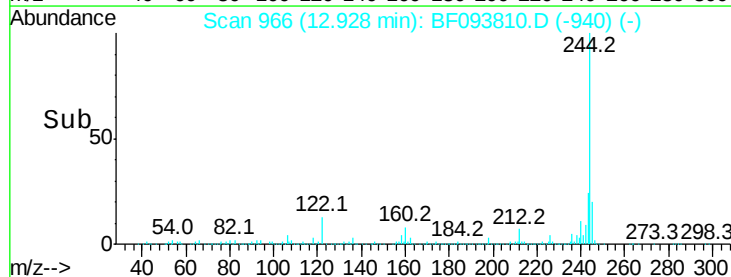
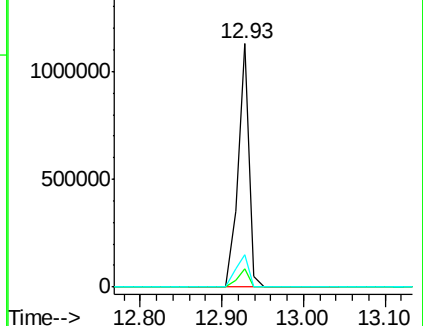
122 13.2 10.3 15.5

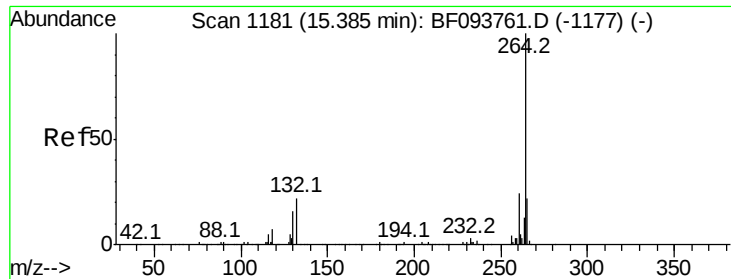


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
SP-A(0-5)B1

Tot Ion:264 Resp: 371703

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.2	25.8

