

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093779.D
 Acq On : 20 Mar 2017 22:10
 Operator : SJ/MA
 Sample : I2304-09 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

Quant Time: Mar 21 01:06:29 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

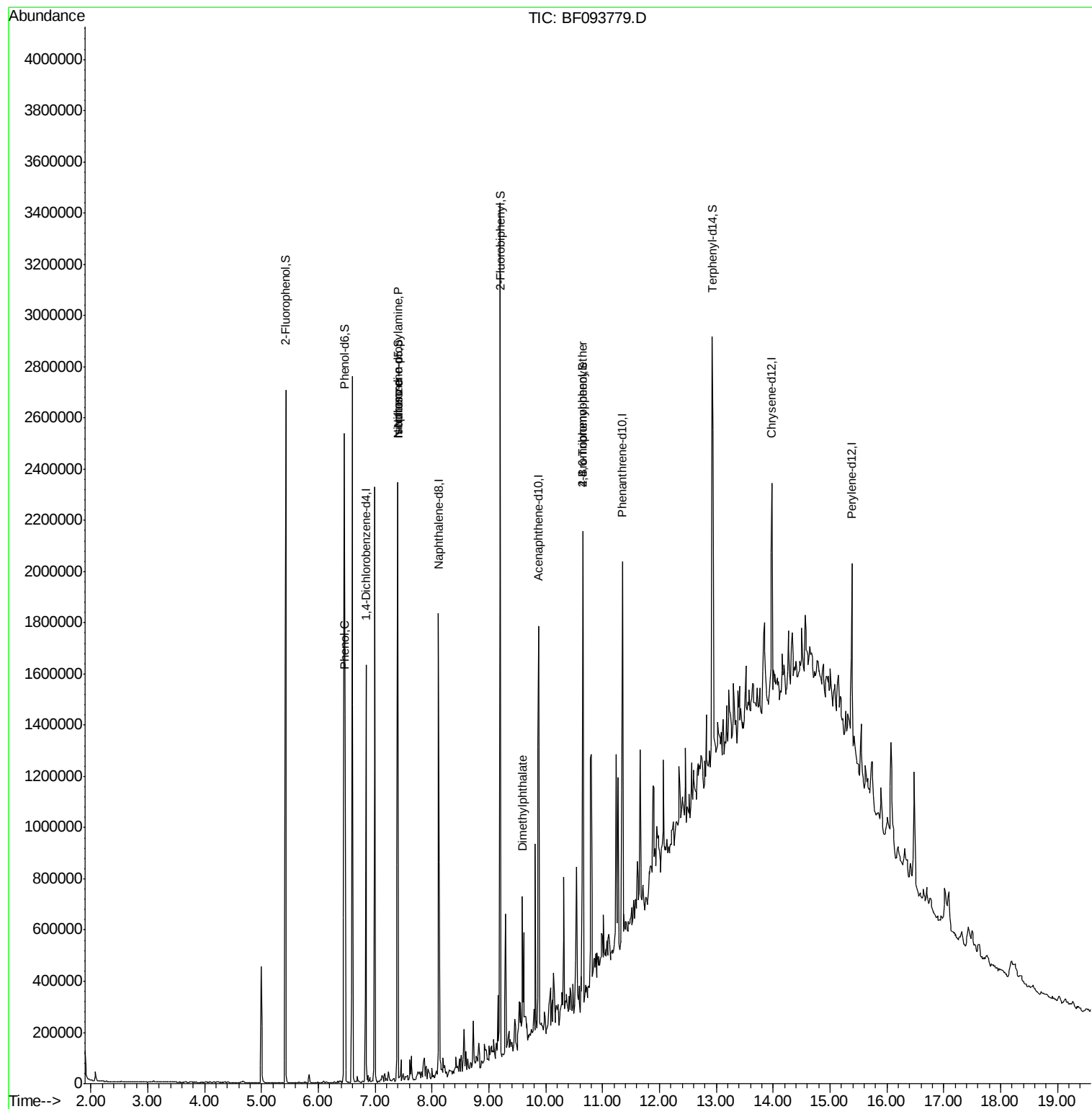
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	237223	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	870092	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	390113	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	609916	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	380040	20.00	ng	-0.02
86) Perylene-d12	15.39	264	340107	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	923000	68.04	ng	-0.01
7) Phenol-d6	6.46	99	1144278	68.26	ng	-0.02
23) Nitrobenzene-d5	7.40	82	761713	49.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	183705	60.80	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1276005	55.00	ng	-0.01
78) Terphenyl-d14	12.93	244	719967	38.63	ng	-0.02
Target Compounds						
10) Phenol	6.47	94	67050	3.56	ng	# 74
19) n-Nitroso-di-n-propylamine	7.40	70	105470	9.60	ng	# 78
25) Isophorone	7.40	82	750177	27.61	ng	# 67
49) Dimethylphthalate	9.59	163	178319	6.42	ng	# 97
66) 4-Bromophenyl-phenylether	10.65	248	13453	2.29	ng	# 1

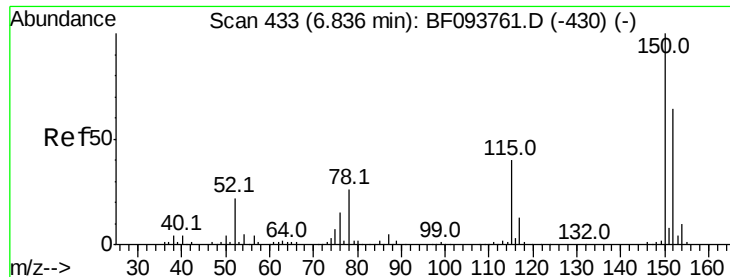
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

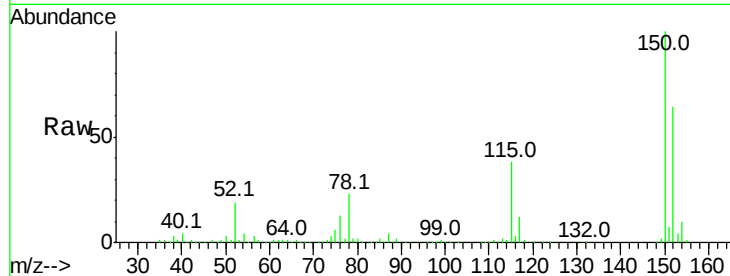
Tot Ion:152 Resp: 237223

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

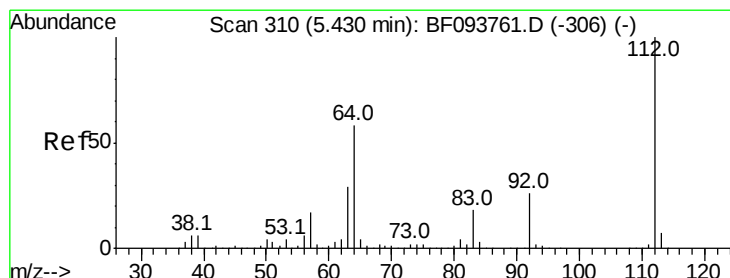
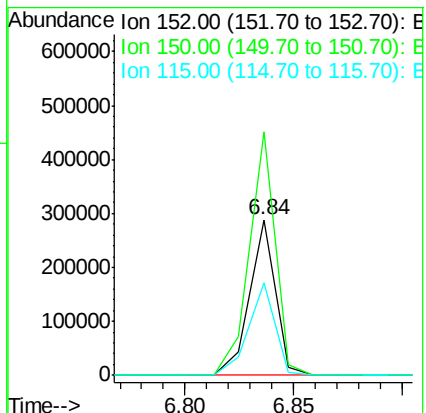
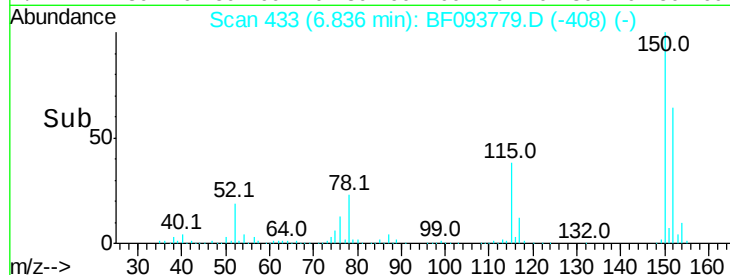
115 59.8 52.2 78.2



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: 68.04 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

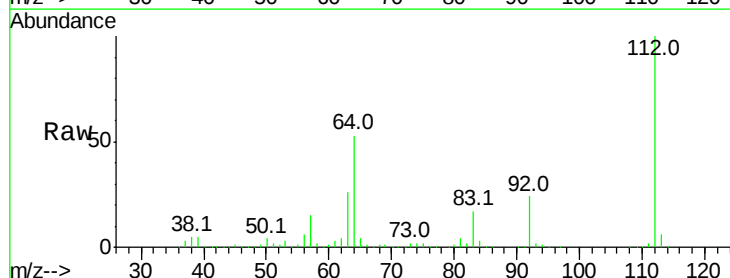
Tgt Ion:112 Resp: 923000

Ion Ratio Lower Upper

112 100

64 52.6 46.0 69.0

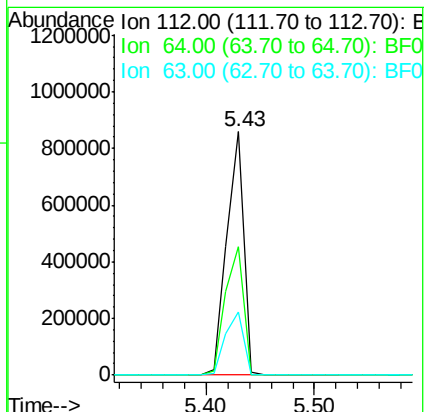
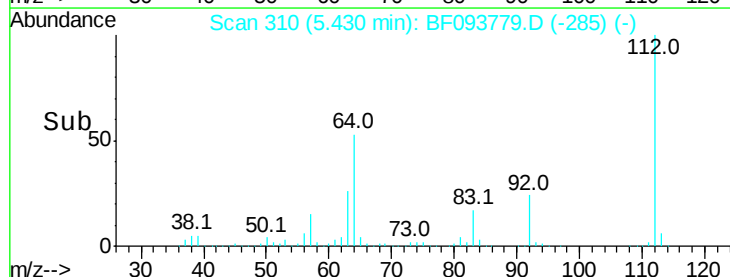
63 26.2 23.4 35.0

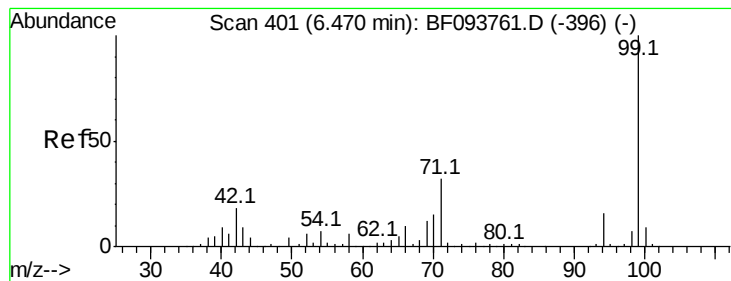


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.26 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

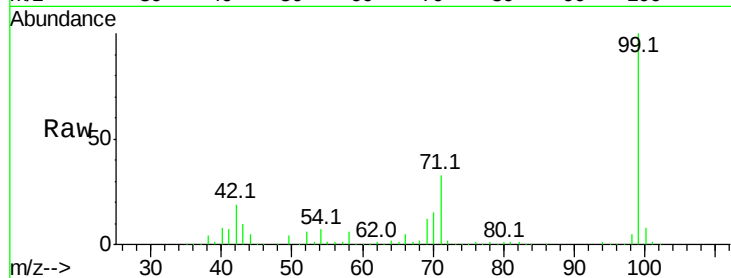
Tot Ion: 99 Resp: 1144278

Ion Ratio Lower Upper

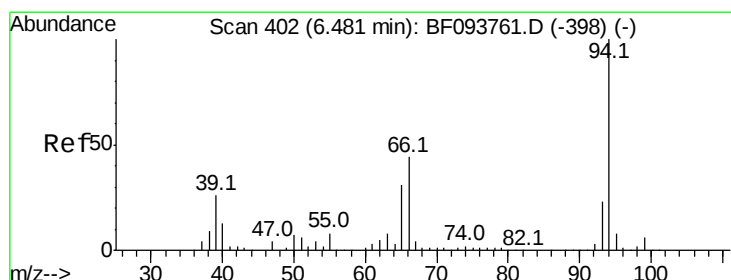
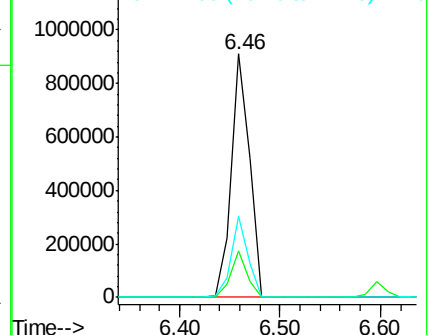
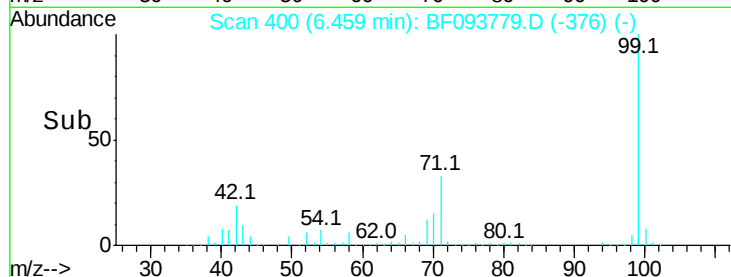
99 100

42 19.3 13.5 20.3

71 33.3 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: 3.56 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

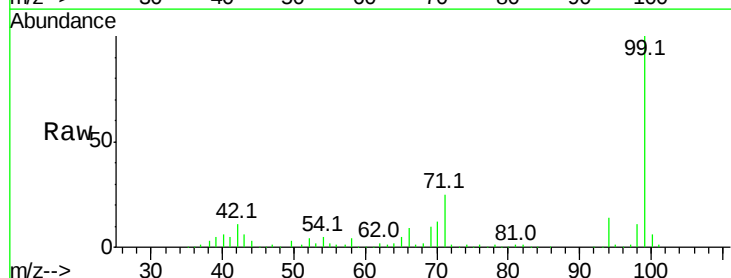
Tgt Ion: 94 Resp: 67050

Ion Ratio Lower Upper

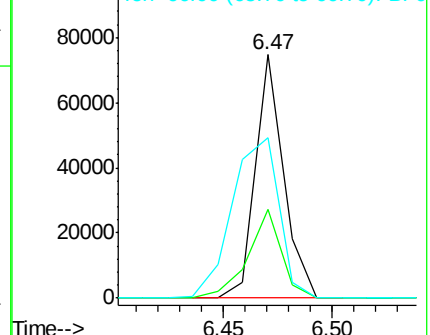
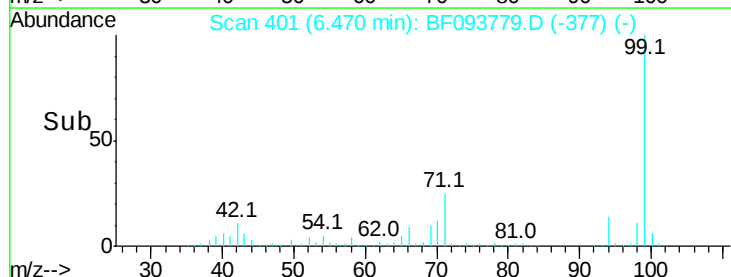
94 100

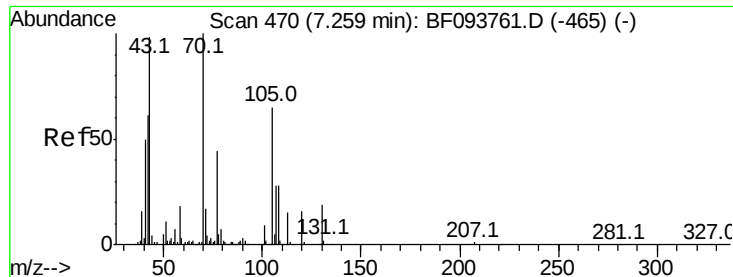
65 36.2 9.9 49.9

66 65.9 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

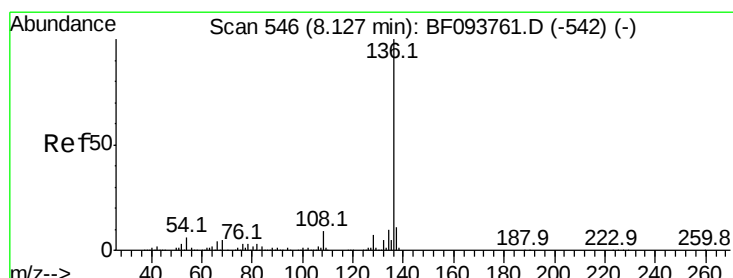
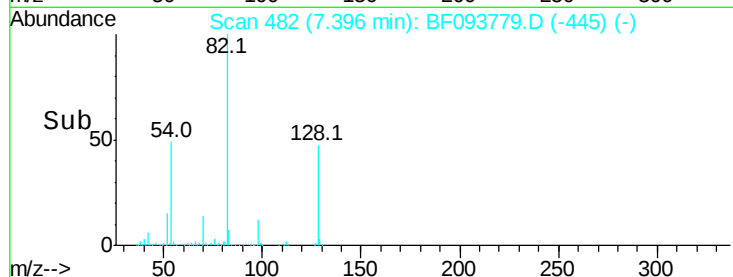
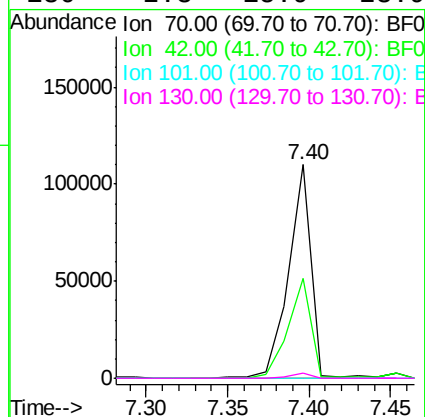
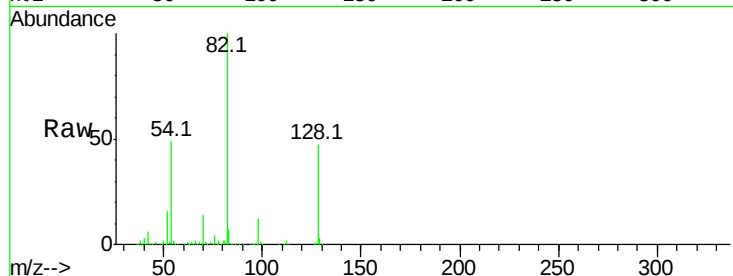




#19
n-Nitroso-di-n-propylamine
Concen: 9.60 ng
RT: 7.40 min Scan# 482
Delta R.T. 0.13 min
Lab File: BF093779.D
Acq: 20 Mar 2017 22:10

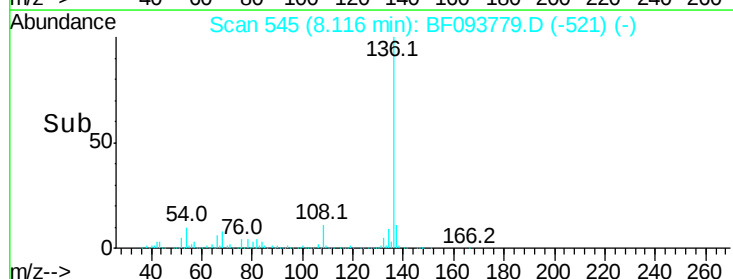
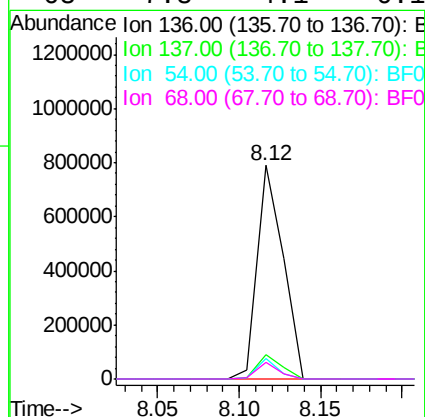
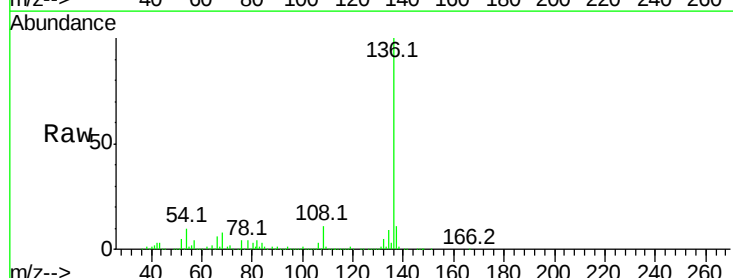
Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

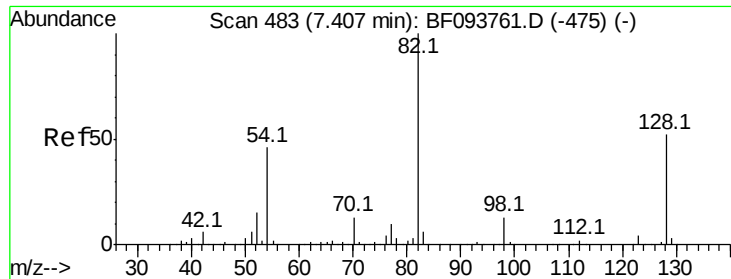
Tot Ion: 70 Resp: 105470
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093779.D
Acq: 20 Mar 2017 22:10

Tgt Ion:136 Resp: 870092
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 9.9 4.9 7.3#
68 7.8 4.1 6.1#

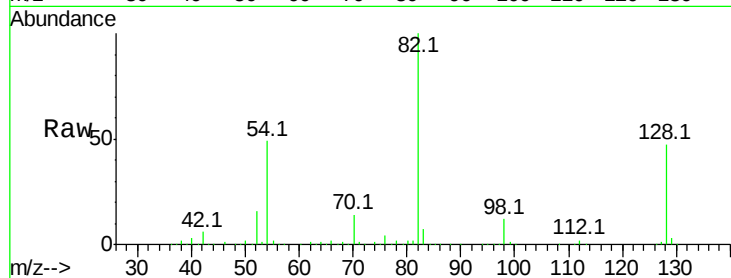




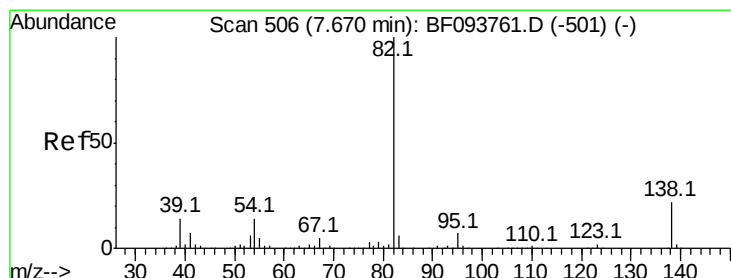
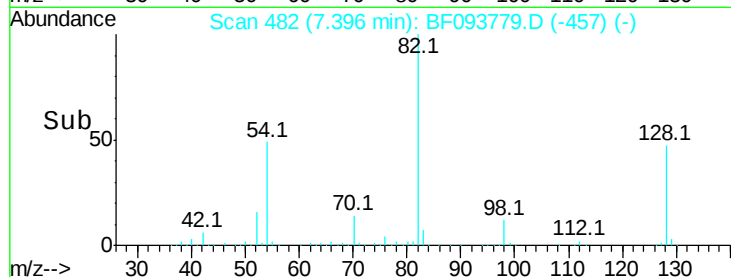
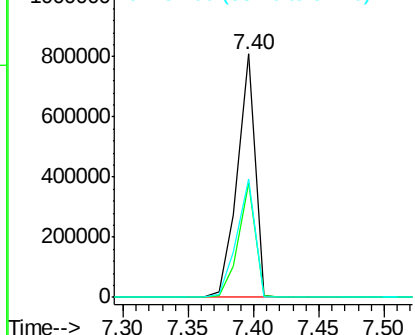
#23
 Nitrobenzene-d5
 Concen: 49.66 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: BF093779.D
 Acq: 20 Mar 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

Tot Ion: 82 Resp: 761713
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 48.6 42.2 63.2

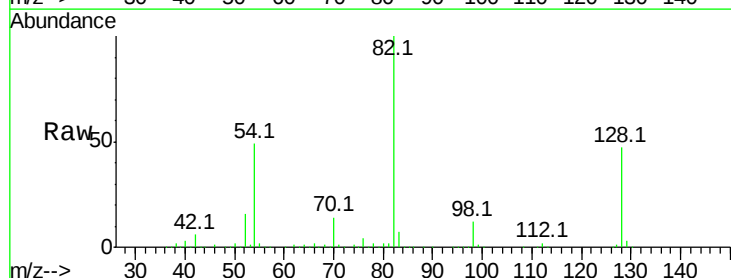


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

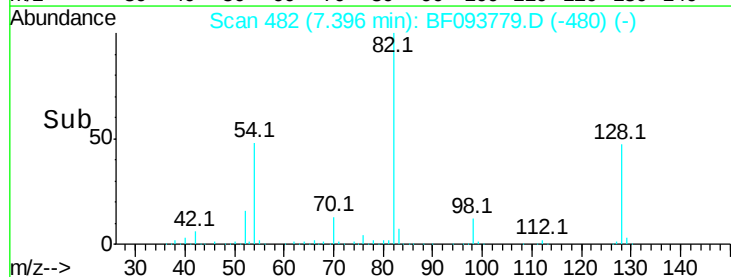
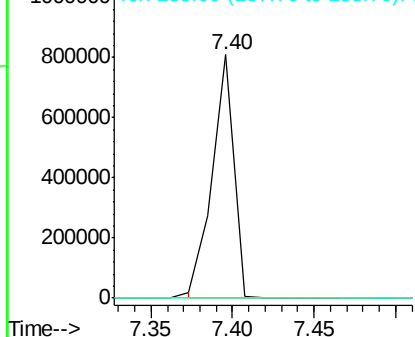


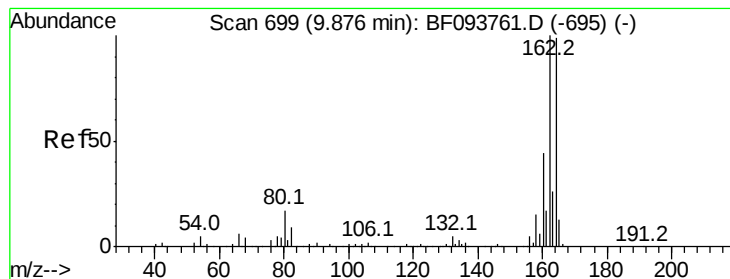
#25
 Isophorone
 Concen: 27.61 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.27 min
 Lab File: BF093779.D
 Acq: 20 Mar 2017 22:10

Tgt Ion: 82 Resp: 750177
 Ion Ratio Lower Upper
 82 100
 95 0.1 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: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

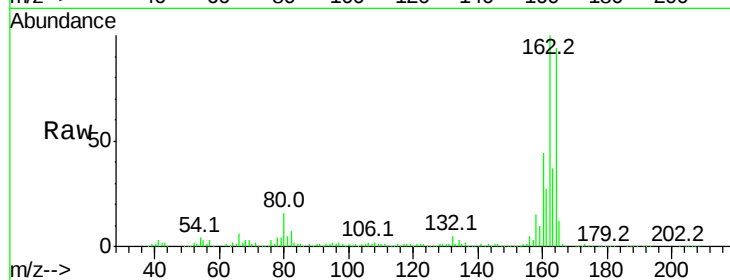
Tot Ion:164 Resp: 390113

Ion Ratio Lower Upper

164 100

162 106.6 82.6 123.8

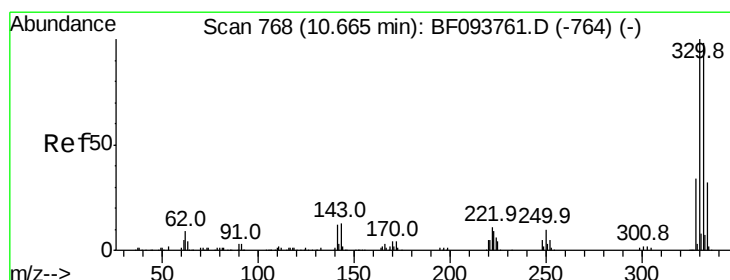
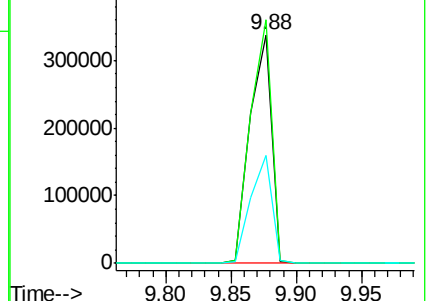
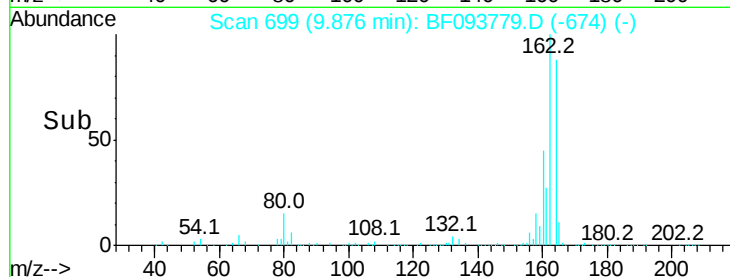
160 47.4 36.2 54.2



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: 60.80 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

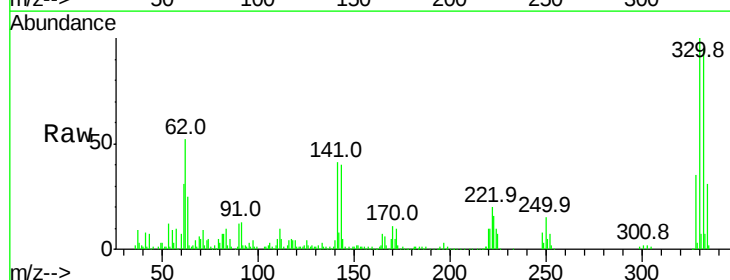
Tgt Ion:330 Resp: 183705

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

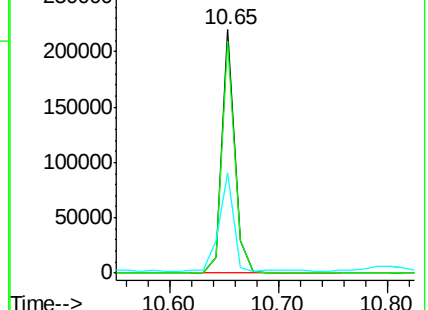
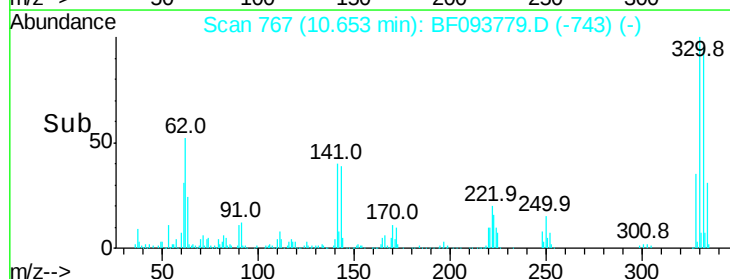
141 46.5 31.4 47.2

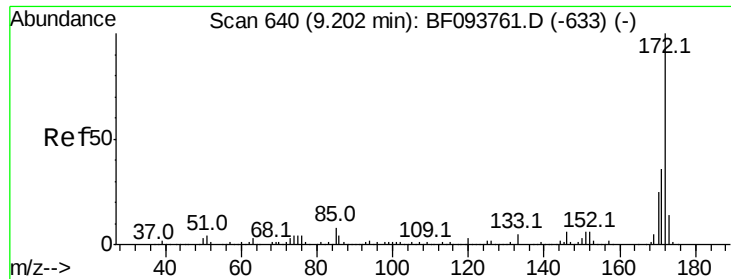


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



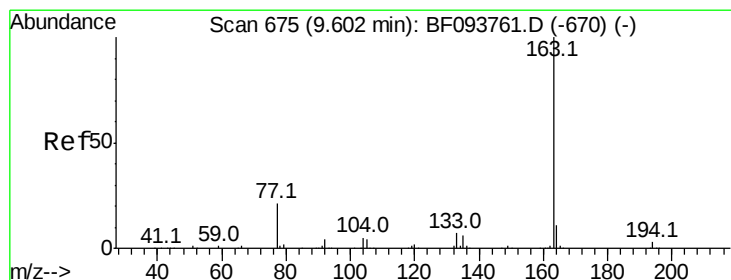
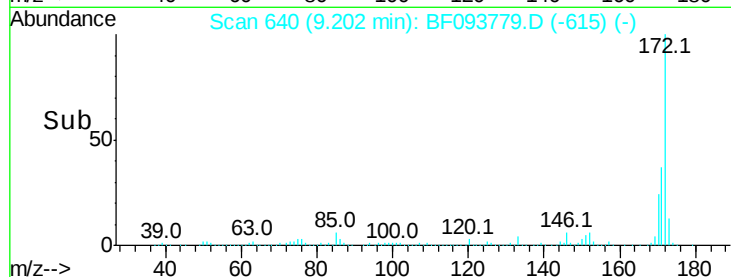
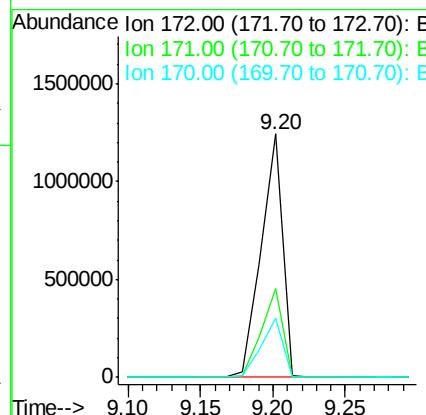
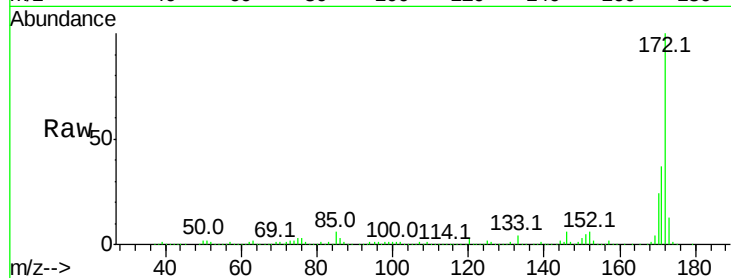


#44
 2-Fluorobiphenyl
 Concen: 55.00 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093779.D
 Acq: 20 Mar 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

Tot Ion:172 Resp: 1276005

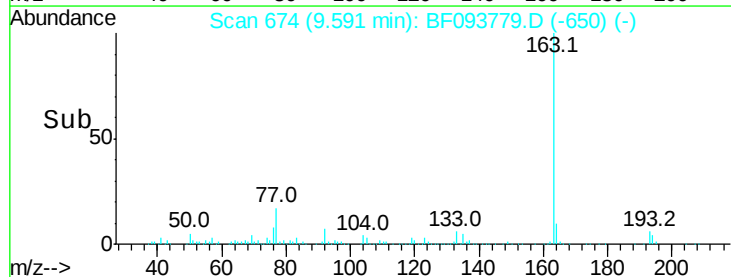
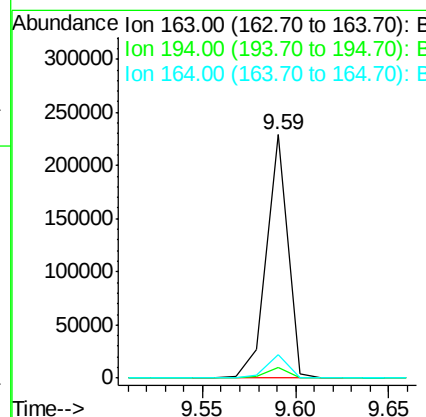
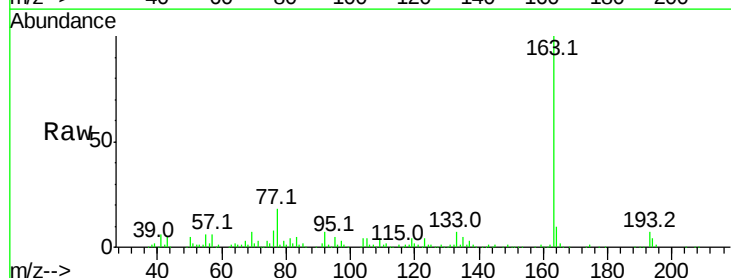
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.2	19.8	29.8

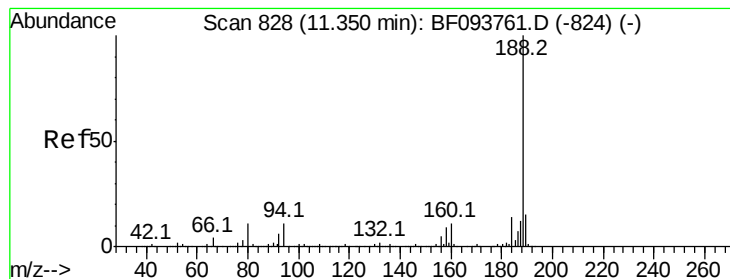


#49
 Dimethylphthalate
 Concen: 6.42 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF093779.D
 Acq: 20 Mar 2017 22:10

Tgt Ion:163 Resp: 178319

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.6	4.0#
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

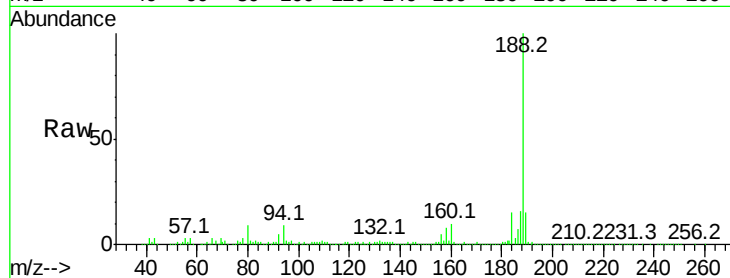
Tot Ion:188 Resp: 609916

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

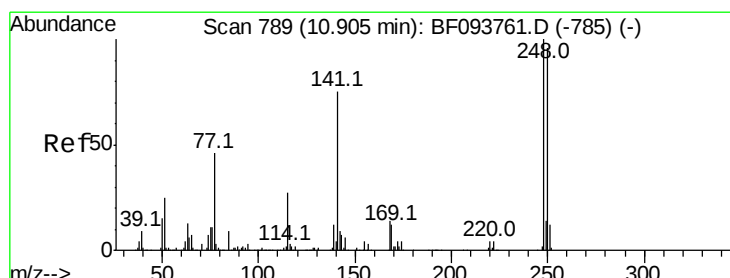
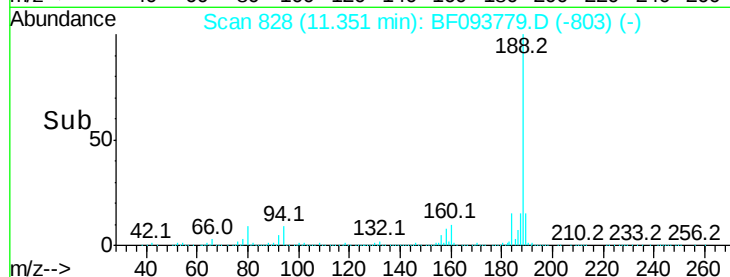
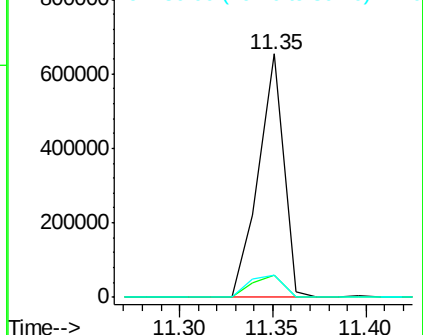
80 9.1 10.2 15.2#



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: 2.29 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.26 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

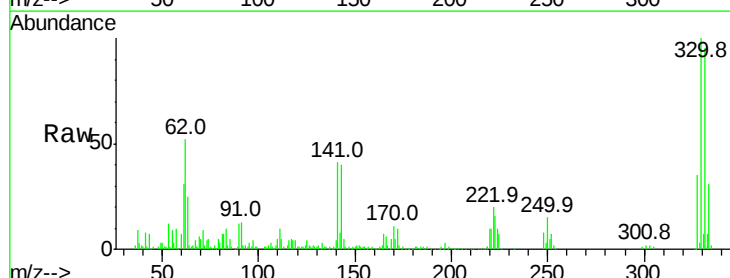
Tgt Ion:248 Resp: 13453

Ion Ratio Lower Upper

248 100

250 196.5 76.8 115.2#

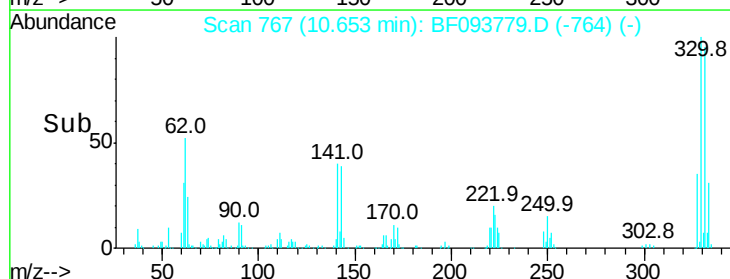
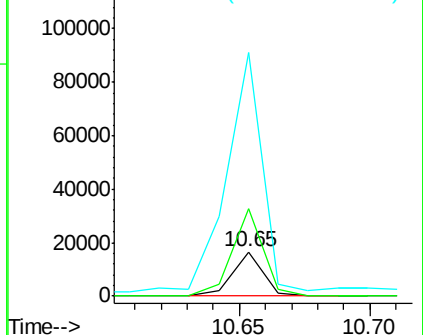
141 549.5 68.6 103.0#

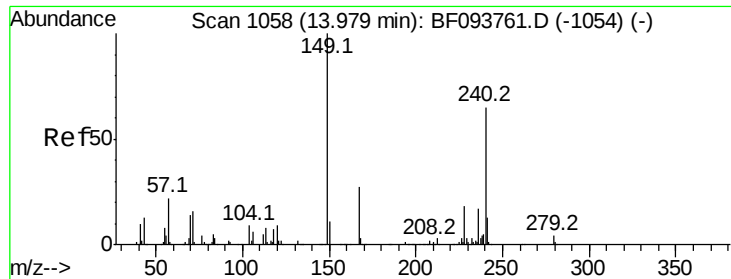


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

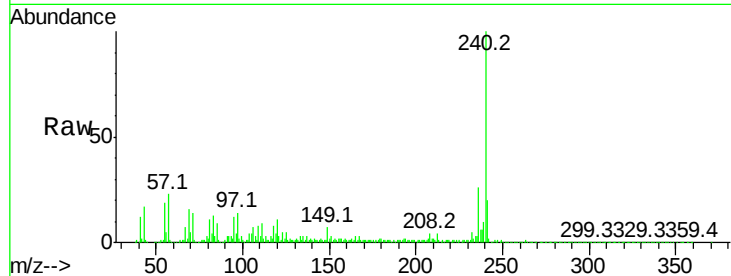
Tot Ion:240 Resp: 380040

Ion Ratio Lower Upper

240 100

120 11.1 5.8 8.8#

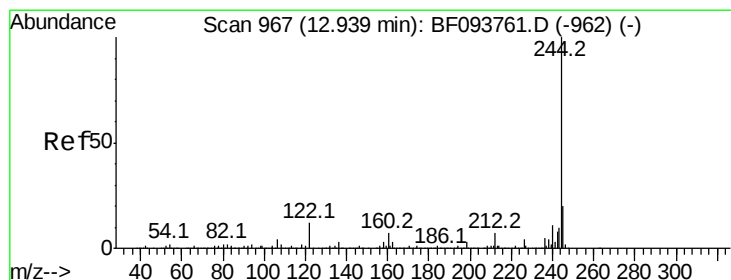
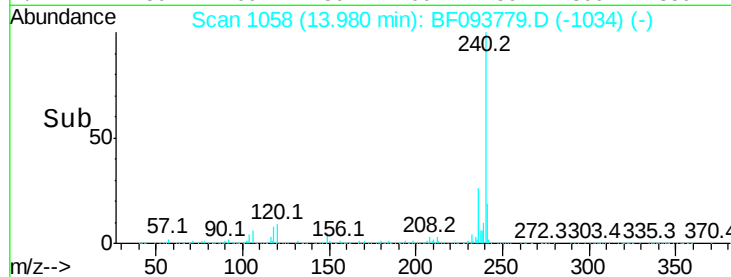
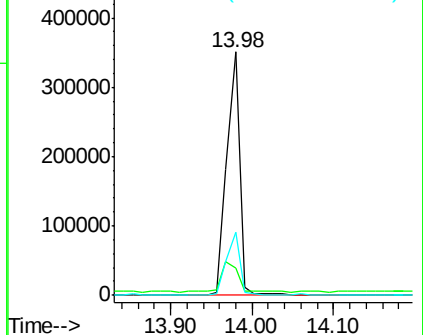
236 26.1 20.5 30.7



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: 38.63 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093779.D

Acq: 20 Mar 2017 22:10

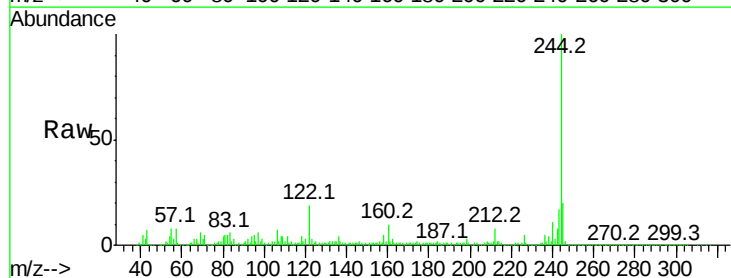
Tgt Ion:244 Resp: 719967

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

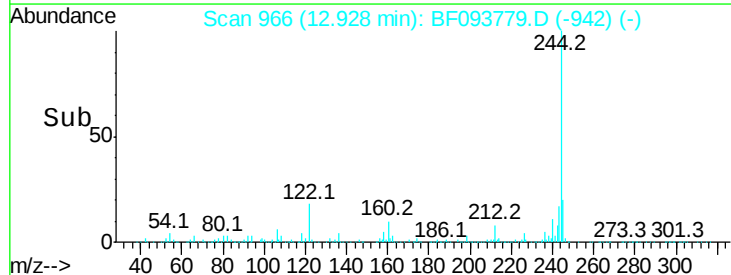
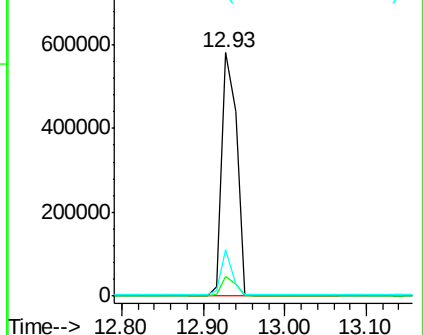
122 18.9 10.3 15.5#

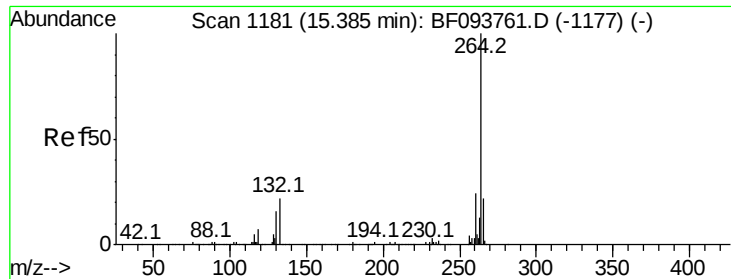


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

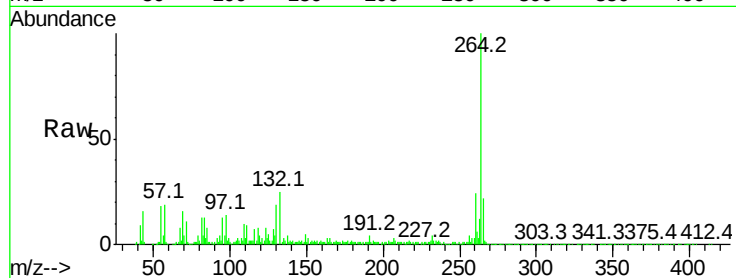




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093779.D
Acq: 20 Mar 2017 22:10

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.8	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

