

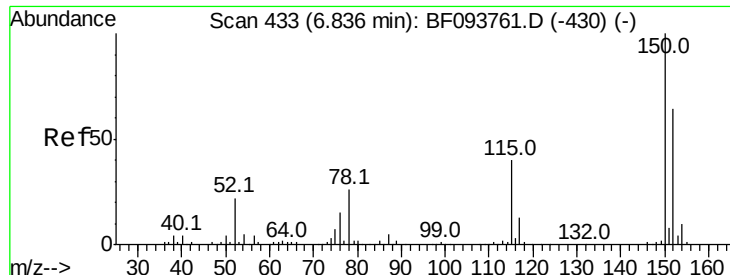
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093777.D
 Acq On : 20 Mar 2017 21:15
 Operator : SJ/MA
 Sample : I2304-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Quant Time: Mar 21 01:06:12 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	236086	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	867550	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	386811	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	650594	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	392317	20.00	ng	-0.03
86) Perylene-d12	15.39	264	364050	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	881993	65.33	ng	-0.01
7) Phenol-d6	6.46	99	1181897	70.85	ng	-0.02
23) Nitrobenzene-d5	7.40	82	766404	50.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	166134	55.45	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1237353	53.79	ng	-0.01
78) Terphenyl-d14	12.93	244	725559	37.71	ng	-0.02
Target Compounds						
10) Phenol	6.47	94	60302	3.22	ng	# 63
19) n-Nitroso-di-n-propylamine	7.40	70	102250	9.36	ng	# 78
25) Isophorone	7.40	82	757702	27.97	ng	# 67
49) Dimethylphthalate	9.59	163	153981	5.59	ng	97
56) 2,4-Dinitrotoluene	9.88	165	50527	6.59	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	13049	2.08	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

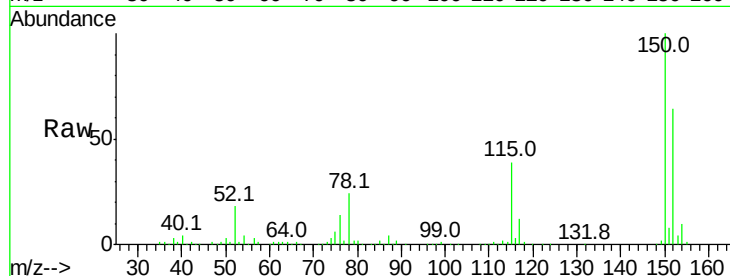
Tot Ion:152 Resp: 236086

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

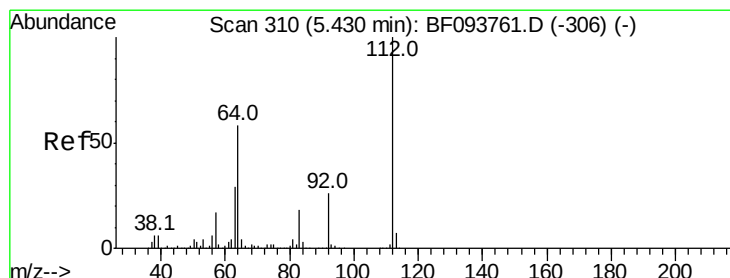
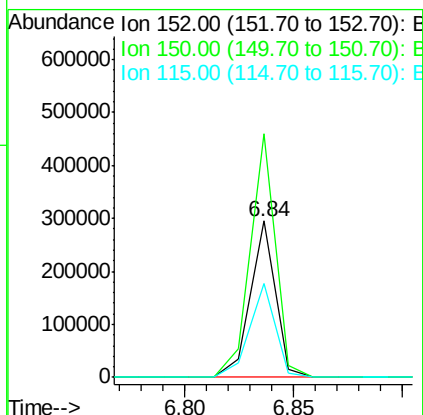
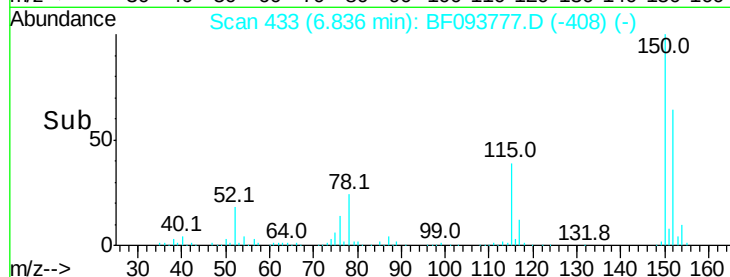
115 60.5 52.2 78.2



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: 65.33 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

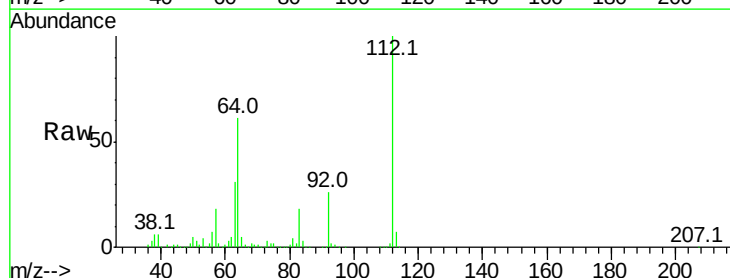
Tgt Ion:112 Resp: 881993

Ion Ratio Lower Upper

112 100

64 61.0 46.0 69.0

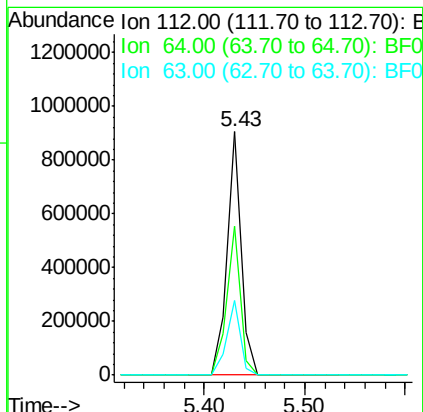
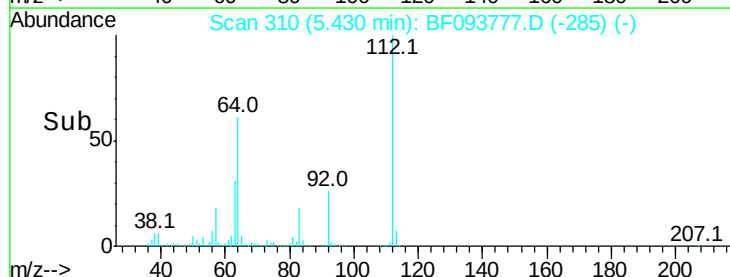
63 30.6 23.4 35.0

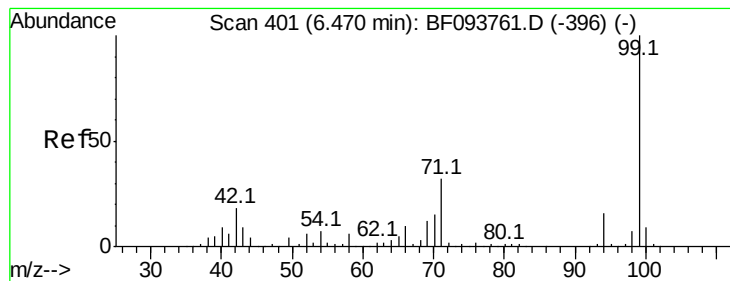


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.85 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

Instrument :

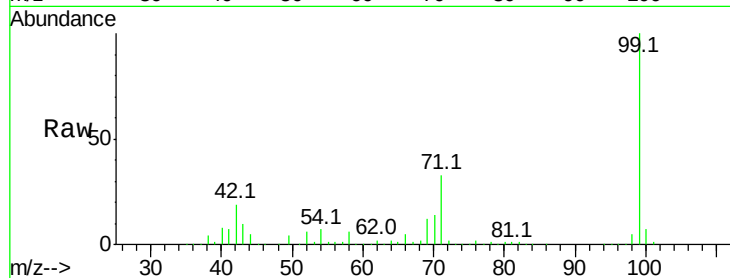
BNA_F

ClientSampleId :

SPA-B3(0-5)

Tot Ion: 99 Resp: 1181897

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.5	20.3
71	33.4	24.5	36.7

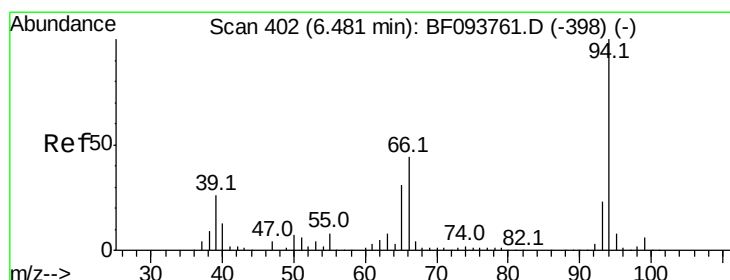
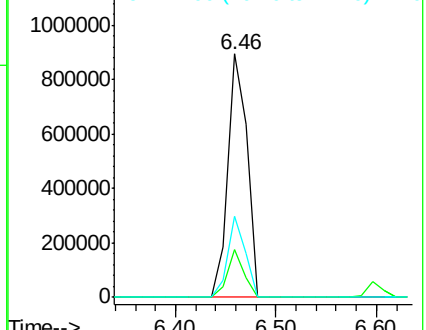
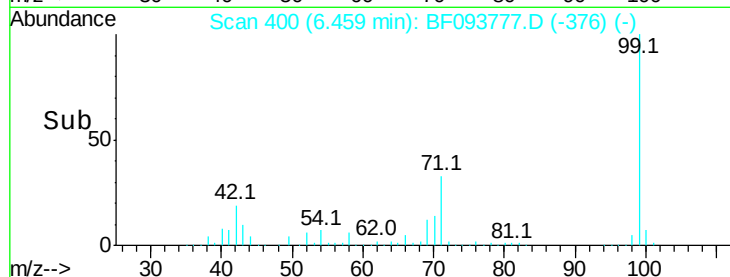


Abundance

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: 3.22 ng

RT: 6.47 min Scan# 401

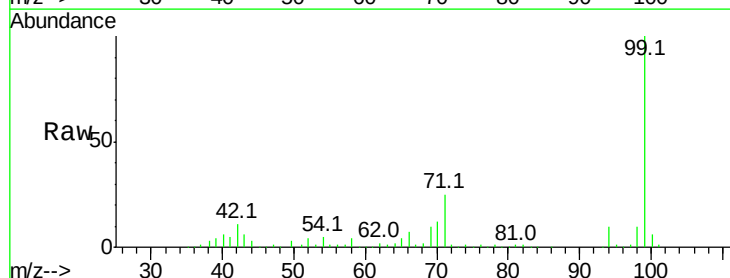
Delta R.T. -0.02 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

Tgt Ion: 94 Resp: 60302

Ion	Ratio	Lower	Upper
94	100		
65	38.2	9.9	49.9
66	76.0	23.1	63.1

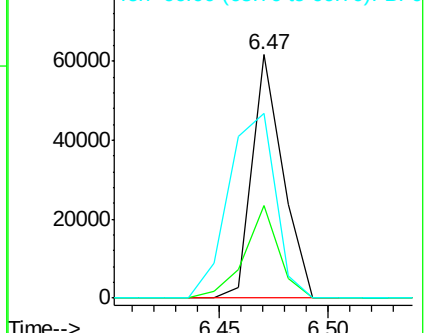
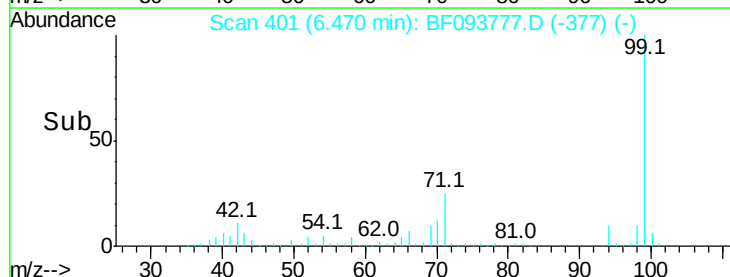


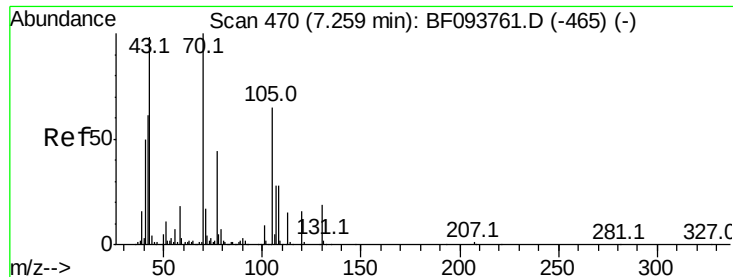
Abundance

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

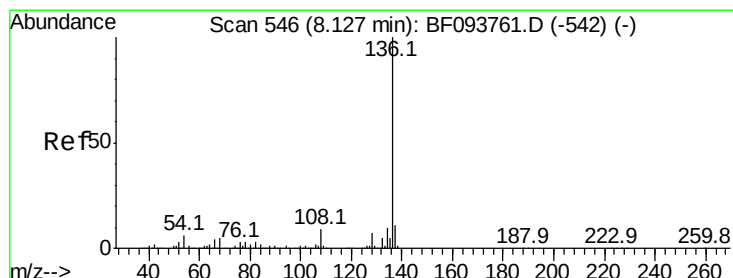
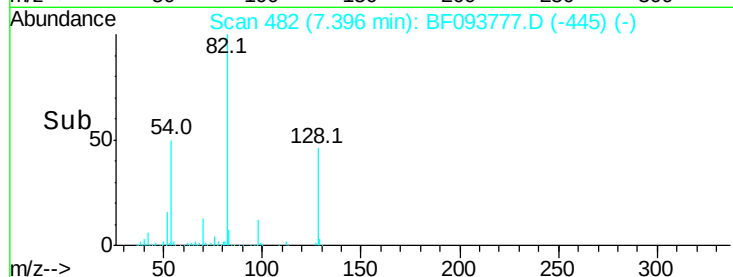
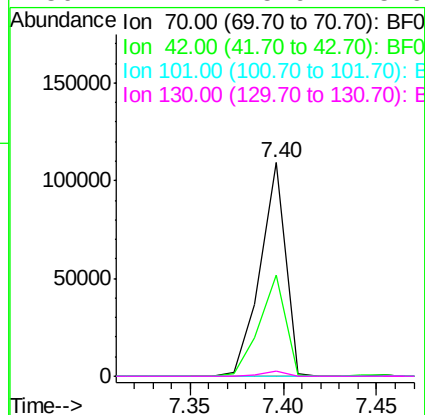
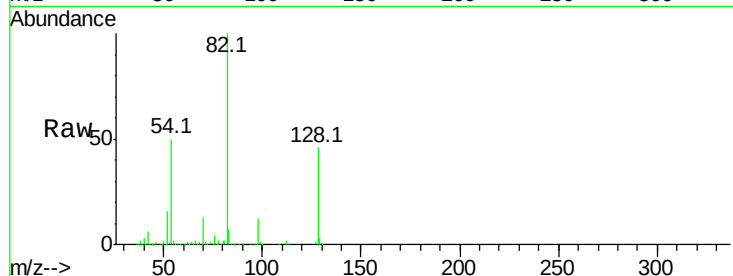




#19
n-Nitroso-di-n-propylamine
Concen: 9.36 ng
RT: 7.40 min Scan# 482
Delta R.T. 0.13 min
Lab File: BF093777.D
Acq: 20 Mar 2017 21:15

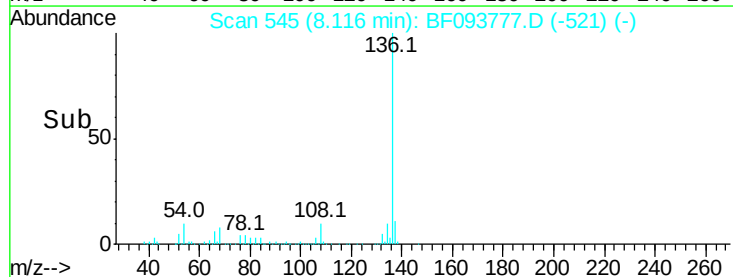
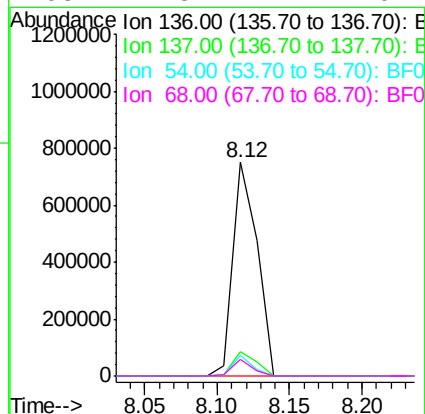
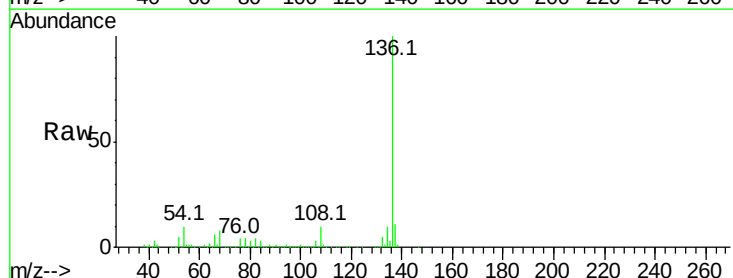
Instrument :
BNA_F
ClientSampleId :
SPA-B3(0-5)

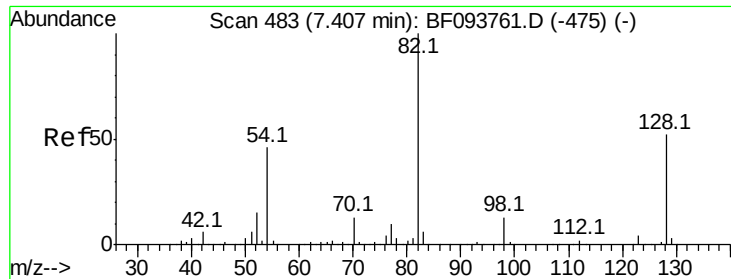
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093777.D
Acq: 20 Mar 2017 21:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.7	4.9	7.3#
68	7.8	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 50.11 na

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

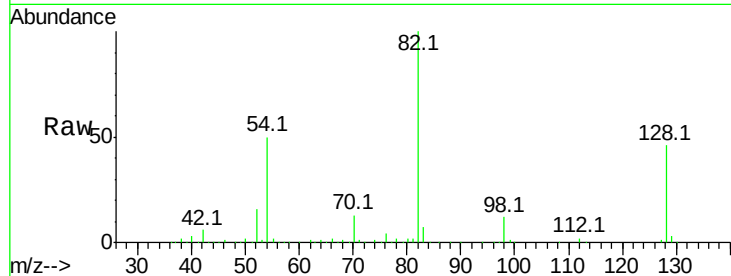
Tot Ion: 82 Resp: 766404

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

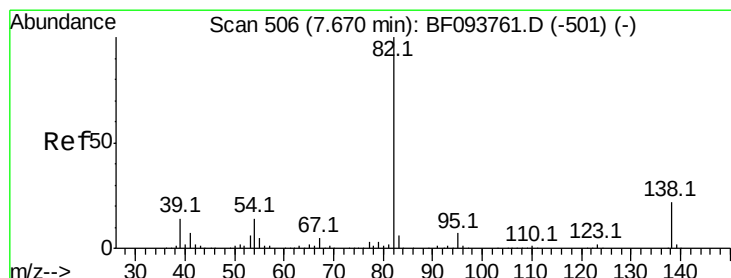
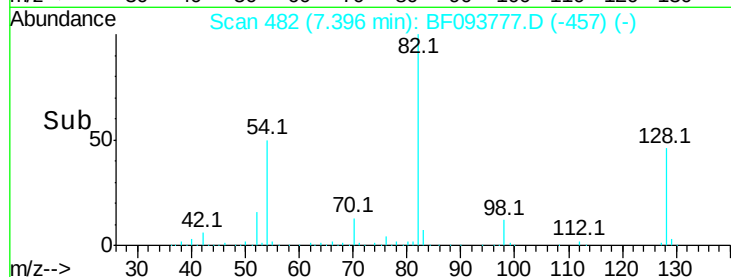
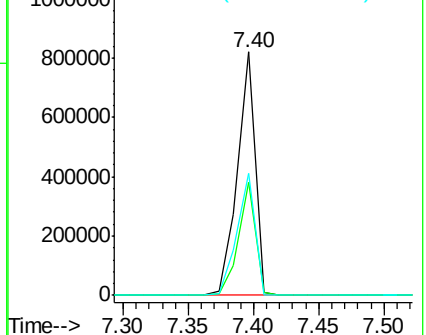
54 49.9 42.2 63.2



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: 27.97 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.27 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

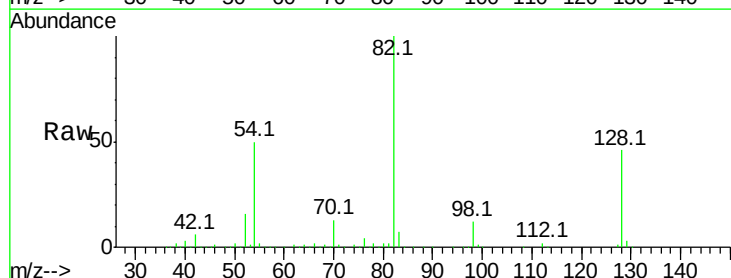
Tgt Ion: 82 Resp: 757702

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

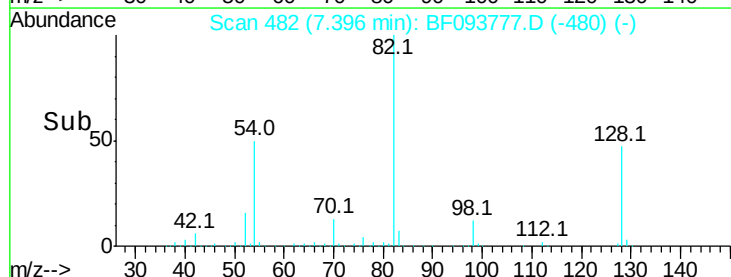
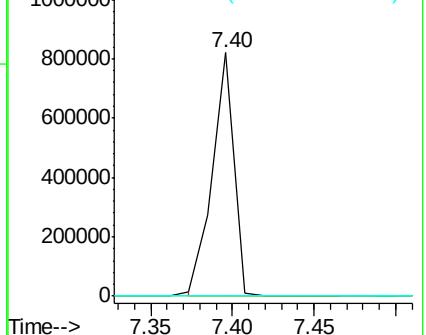
138 0.0 13.1 19.7#

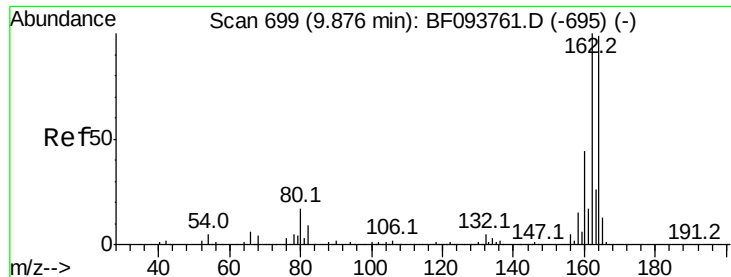


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

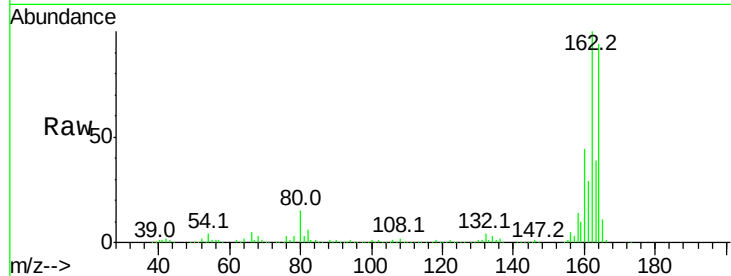




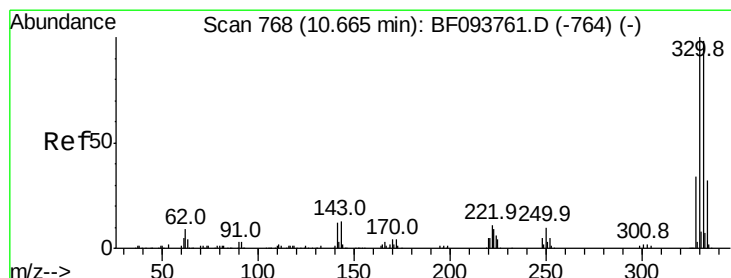
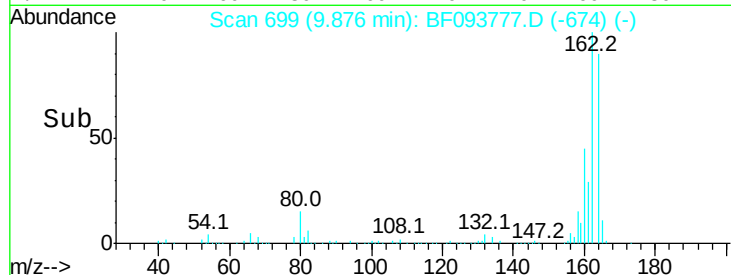
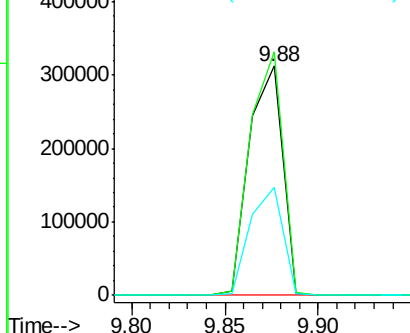
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093777.D
Acq: 20 Mar 2017 21:15

Instrument :
BNA_F
ClientSampleId :
SPA-B3(0-5)

Tot Ion:164 Resp: 386811
Ion Ratio Lower Upper
164 100
162 106.2 82.6 123.8
160 47.1 36.2 54.2

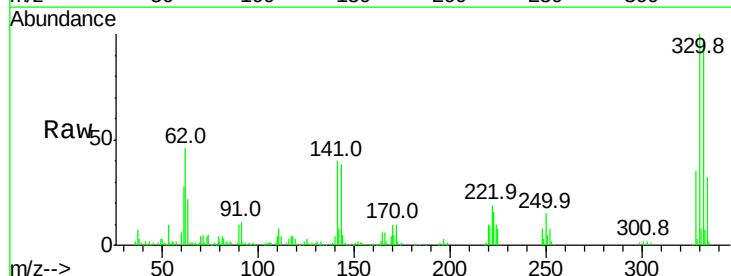


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

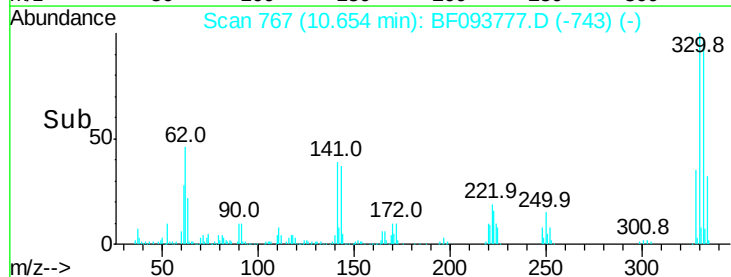
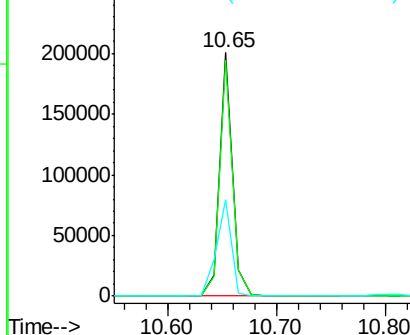


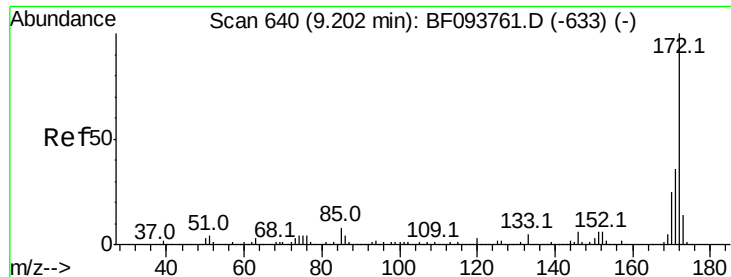
#41
2,4,6-Tribromophenol
Concen: 55.45 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF093777.D
Acq: 20 Mar 2017 21:15

Tgt Ion:330 Resp: 166134
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 46.8 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



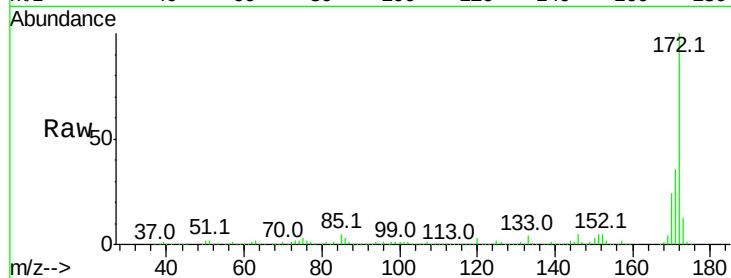


#44
 2-Fluorobiphenyl
 Concen: 53.79 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093777.D
 Acq: 20 Mar 2017 21:15

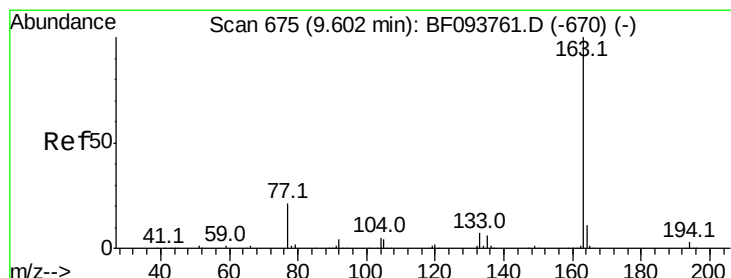
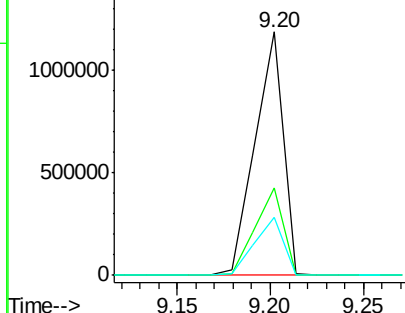
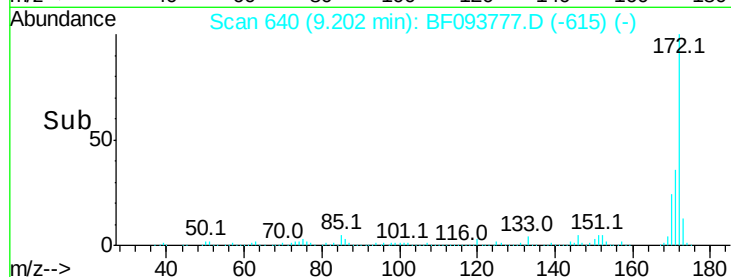
Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Tot Ion:172 Resp: 1237353

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8



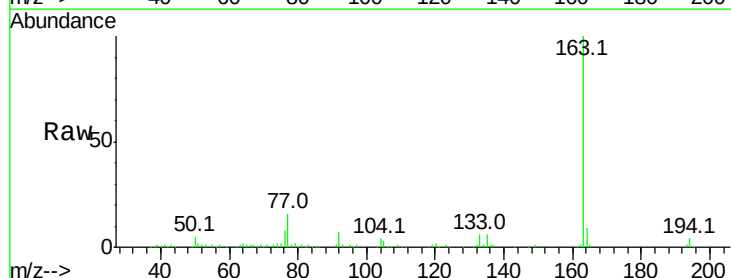
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



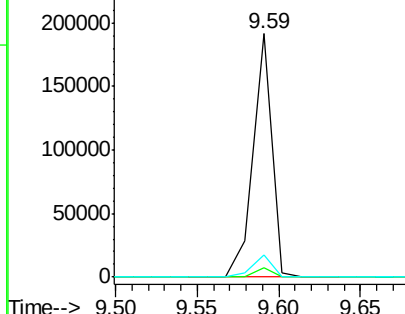
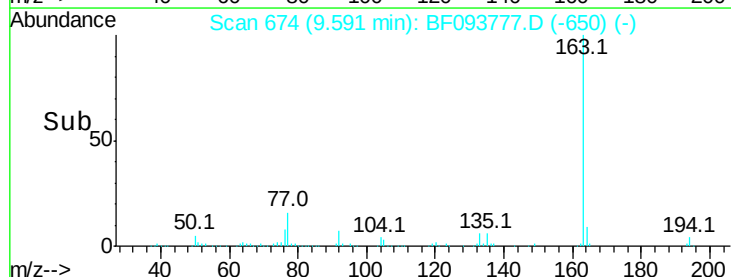
#49
 Dimethylphthalate
 Concen: 5.59 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF093777.D
 Acq: 20 Mar 2017 21:15

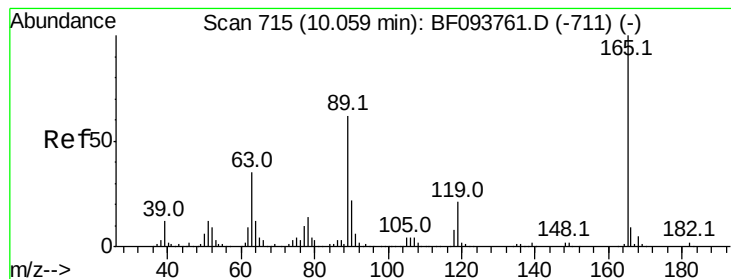
Tgt Ion:163 Resp: 153981

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.1	8.4	12.6



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





#56

2,4-Dinitrotoluene

Concen: 6.59 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.19 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

Tot Ion:165 Resp: 50527

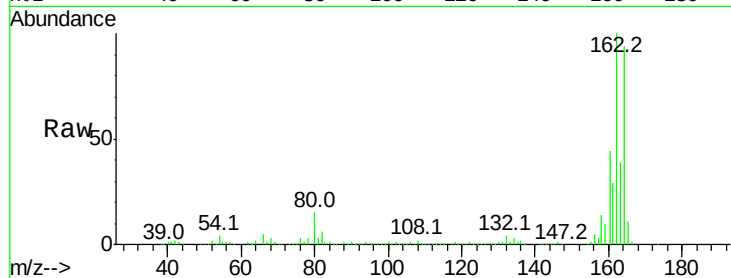
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

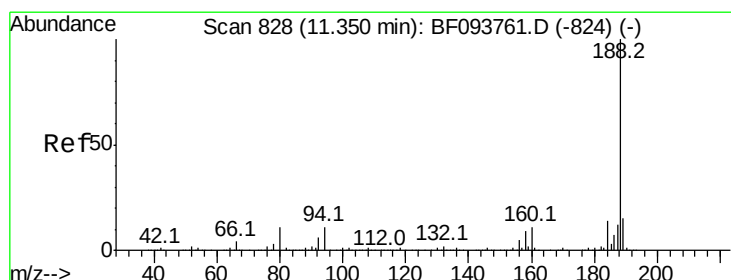
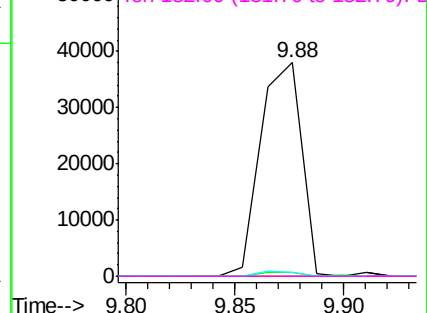
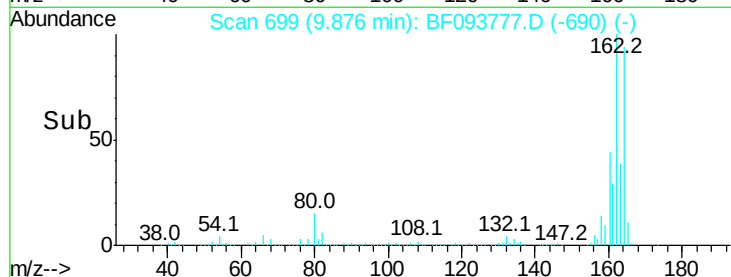


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093777.D

Acq: 20 Mar 2017 21:15

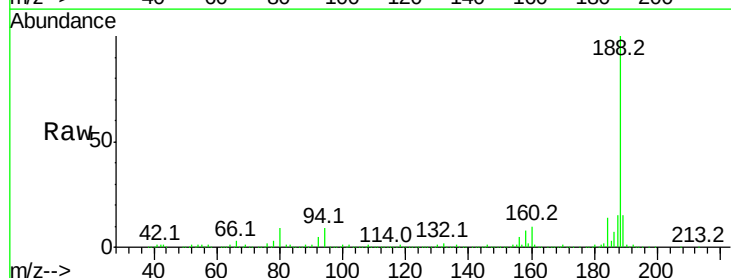
Tgt Ion:188 Resp: 650594

Ion Ratio Lower Upper

188 100

94 8.6 9.4 14.2#

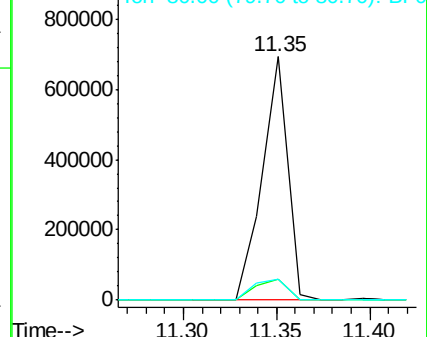
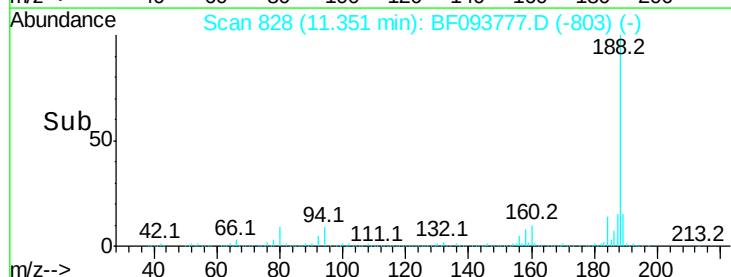
80 8.7 10.2 15.2#

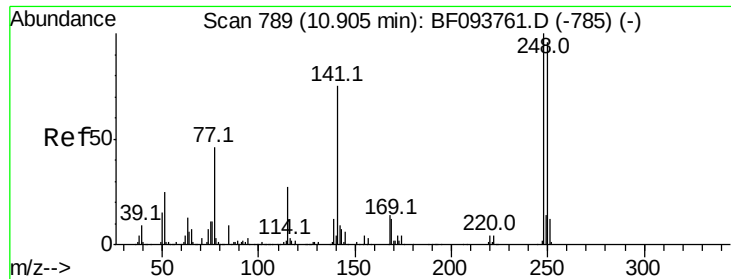


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

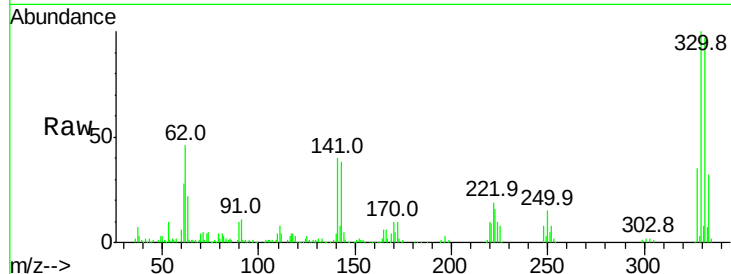




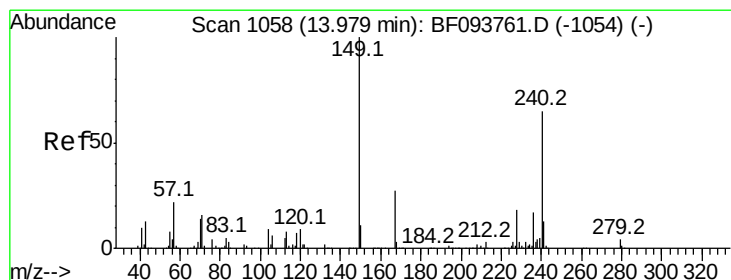
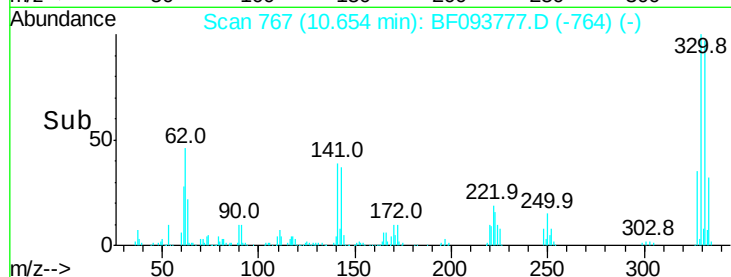
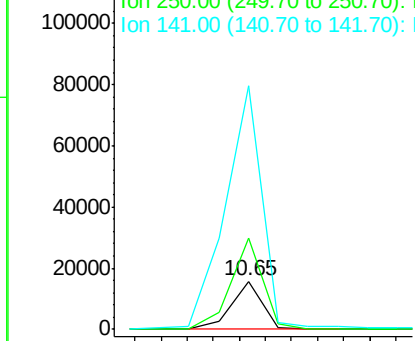
#66
 4-Bromophenyl-phenylether
 Concen: 2.08 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.26 min
 Lab File: BF093777.D
 Acq: 20 Mar 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Tot Ion:248 Resp: 13049
 Ion Ratio Lower Upper
 248 100
 250 190.6 76.8 115.2#
 141 506.2 68.6 103.0#

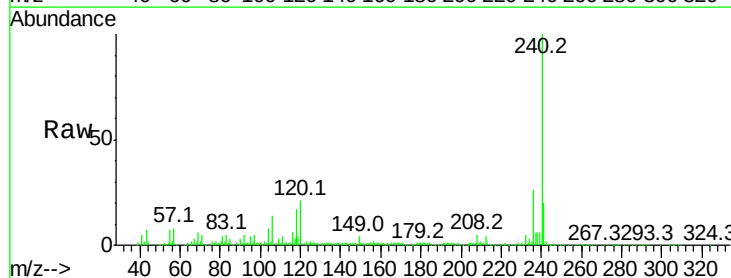


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

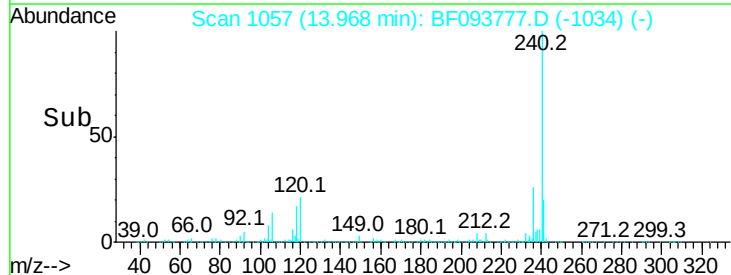
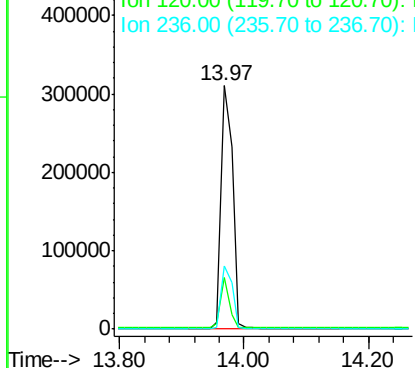


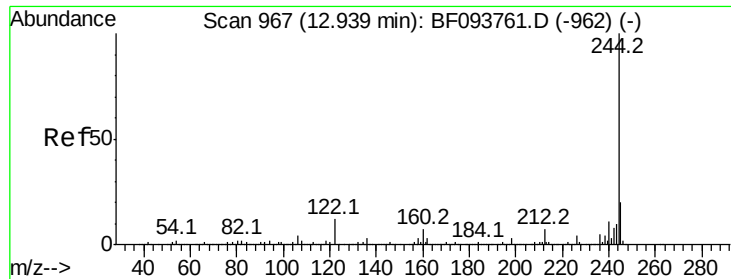
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF093777.D
 Acq: 20 Mar 2017 21:15

Tgt Ion:240 Resp: 392317
 Ion Ratio Lower Upper
 240 100
 120 21.1 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: 37.71 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

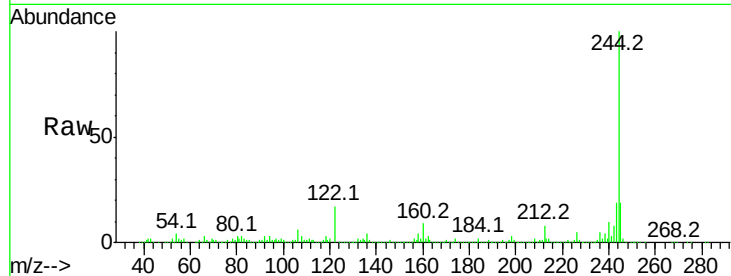
Tot Ion:244 Resp: 725559

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

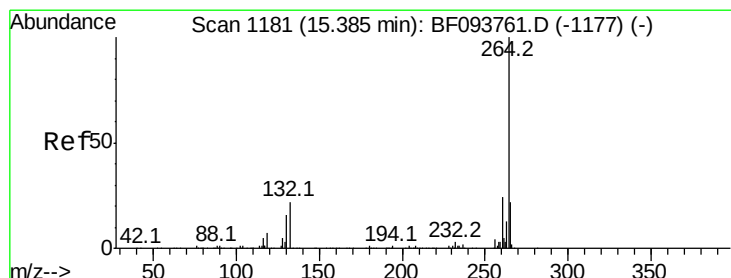
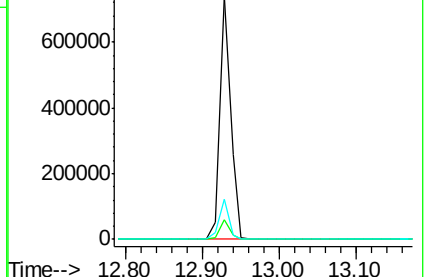
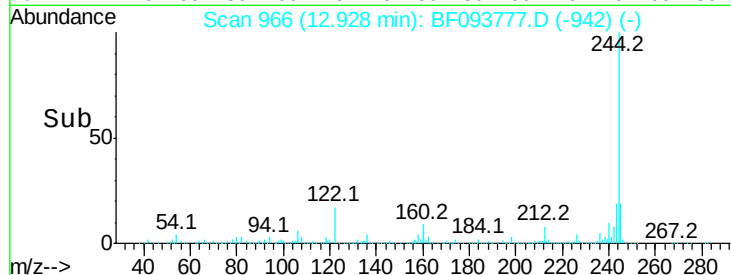
122 16.7 10.3 15.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

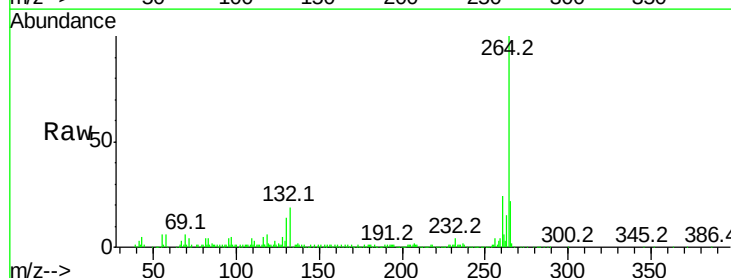
Tgt Ion:264 Resp: 364050

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.6 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

