

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 01:44:14 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

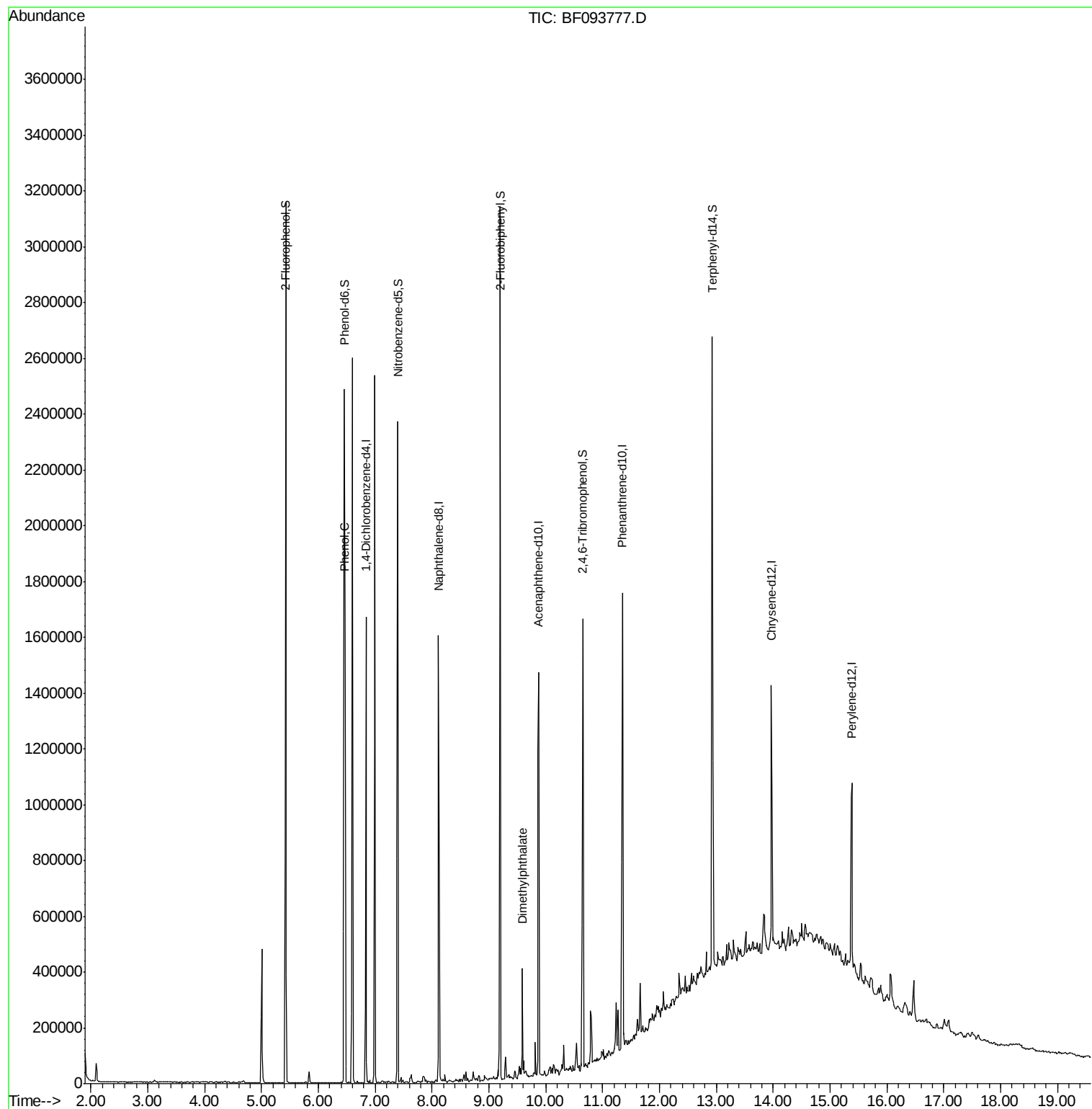
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	236086	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	867550	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	386811	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	650594	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	392317	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	Qvalue # 63
49) Dimethylphthalate	9.59	163	153981	5.59	ng	97

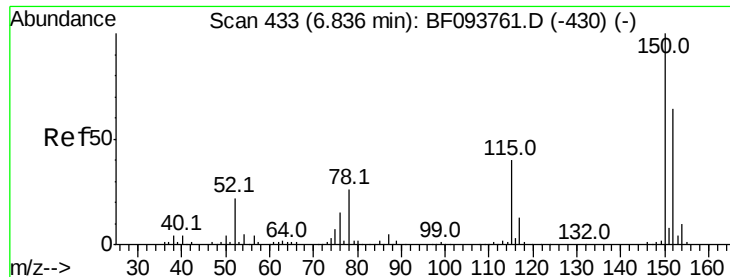
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093777.D

Acq: 20 Mar 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

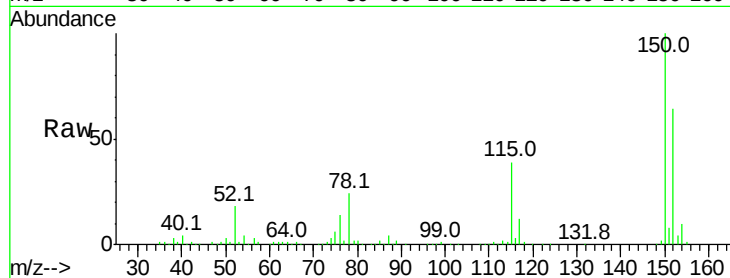
Tot Ion:152 Resp: 236086

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

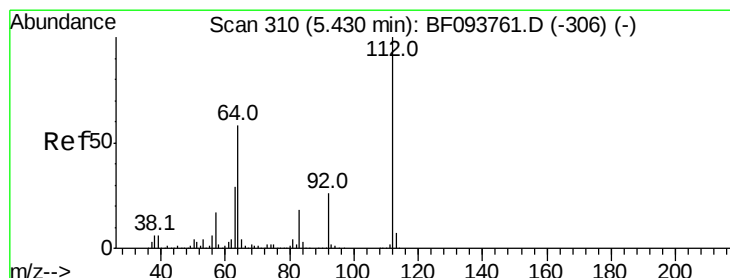
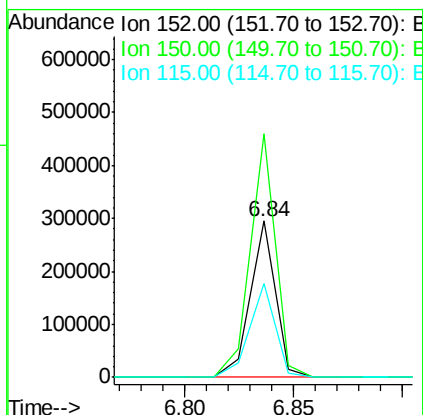
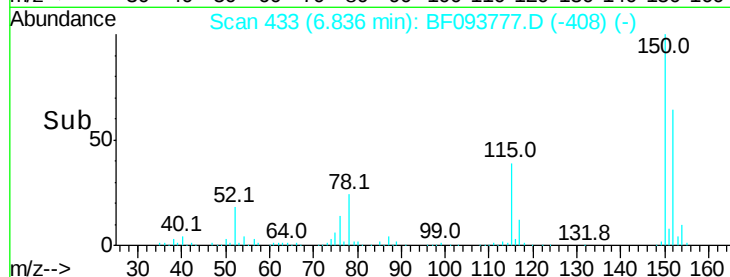
115 60.5 52.2 78.2



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

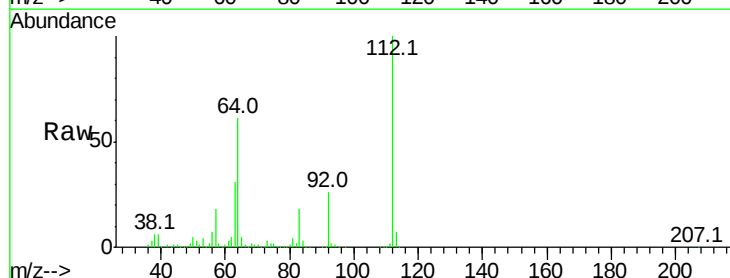
Tgt Ion:112 Resp: 881993

Ion Ratio Lower Upper

112 100

64 61.0 46.0 69.0

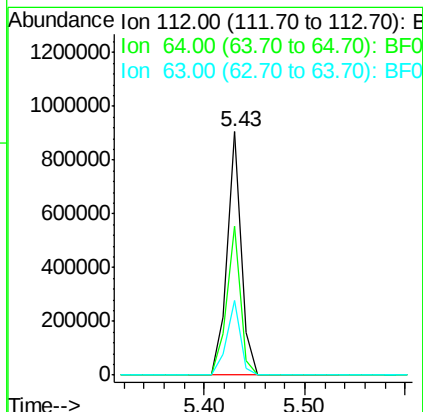
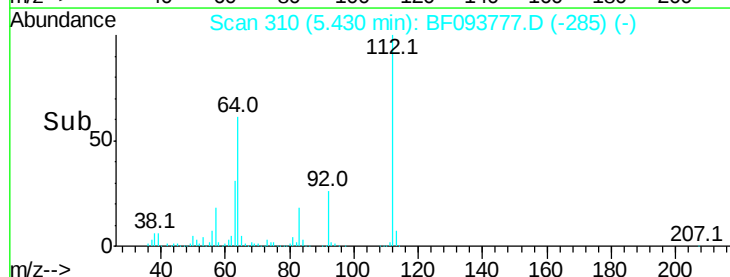
63 30.6 23.4 35.0

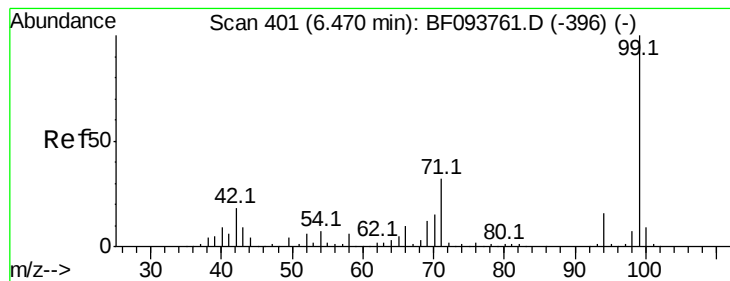


Abundance Ion 112.00 (111.70 to 112.70): E

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)

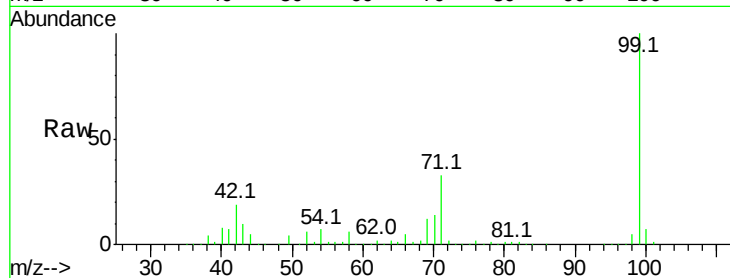
Tot Ion: 99 Resp: 1181897

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

99 100

42 19.5 13.5 20.3

71 33.4 24.5 36.7

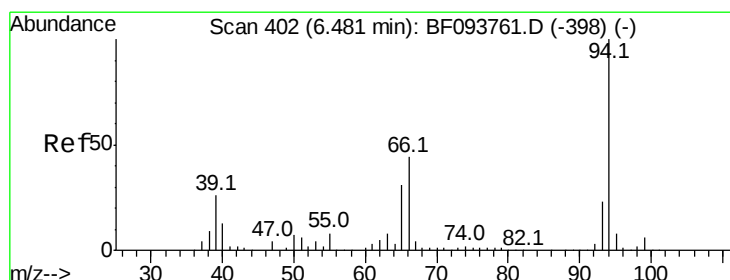
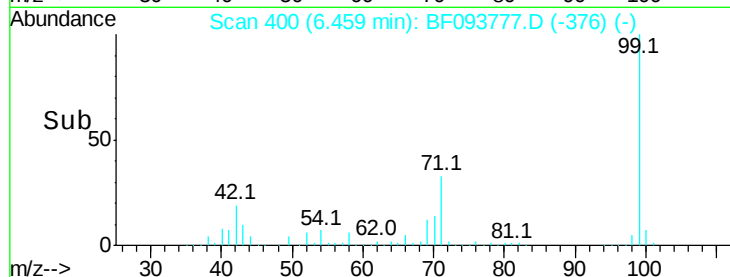
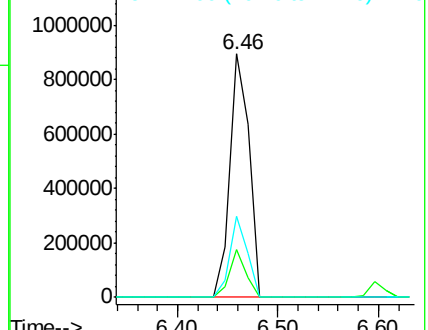


Abundance

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

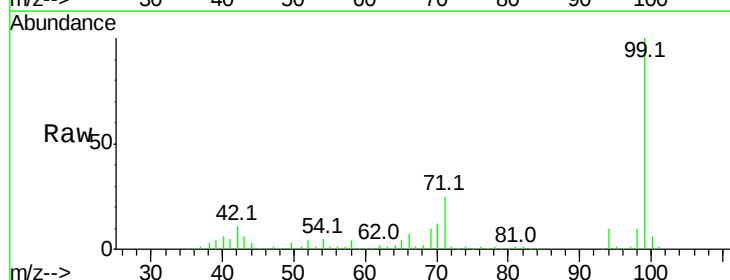
Tgt Ion: 94 Resp: 60302

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

94 100

65 38.2 9.9 49.9

66 76.0 23.1 63.1#

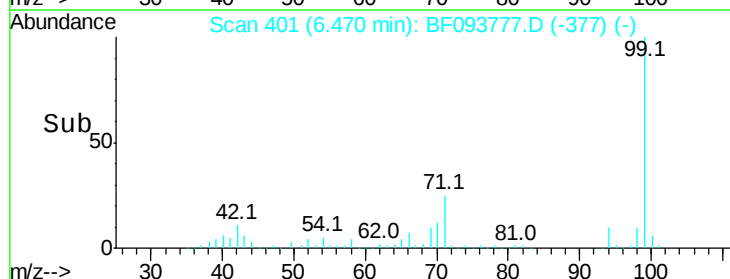
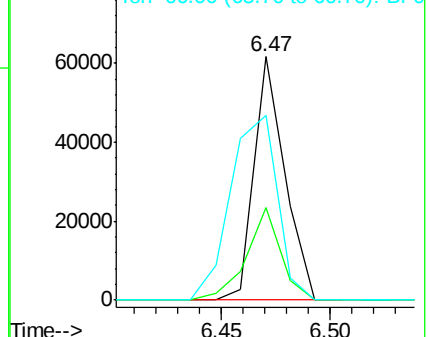


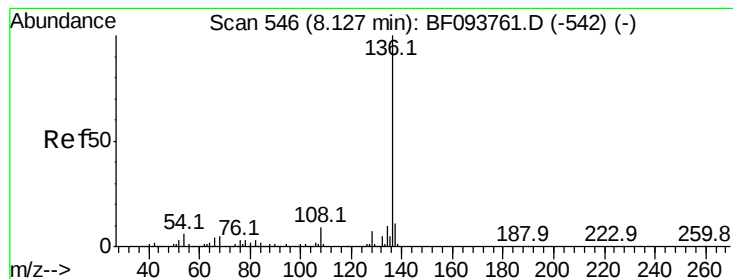
Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

Tot Ion:136 Resp: 867550

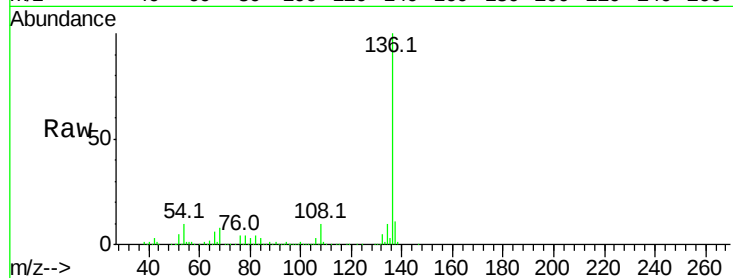
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.7 4.9 7.3#

68 7.8 4.1 6.1#

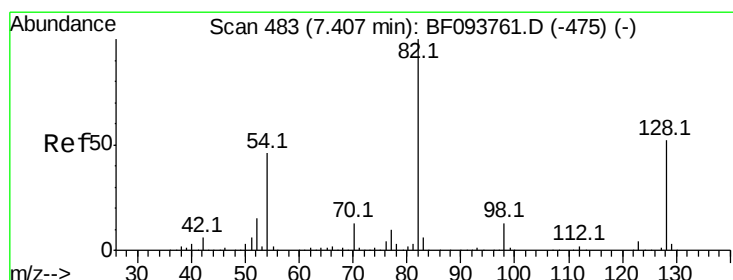
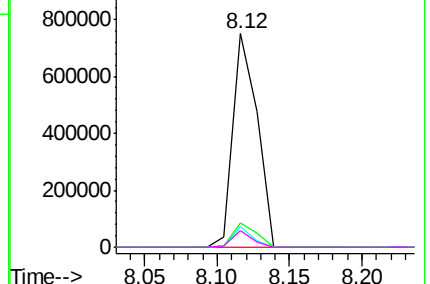
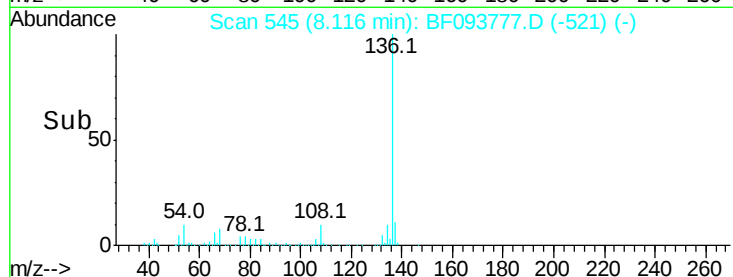


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.11 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093777.D

Acq: 20 Mar 2017 21:15

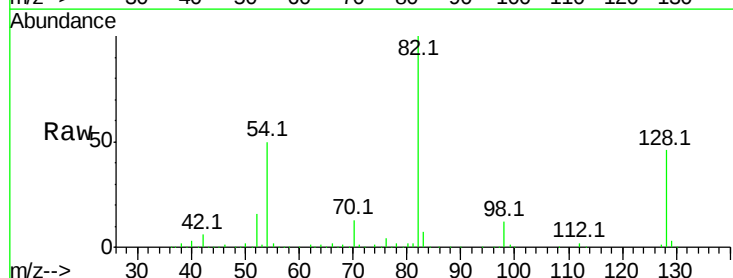
Tgt Ion: 82 Resp: 766404

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

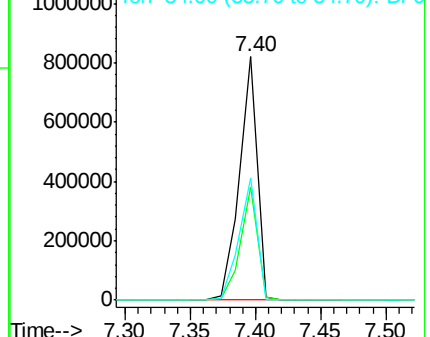
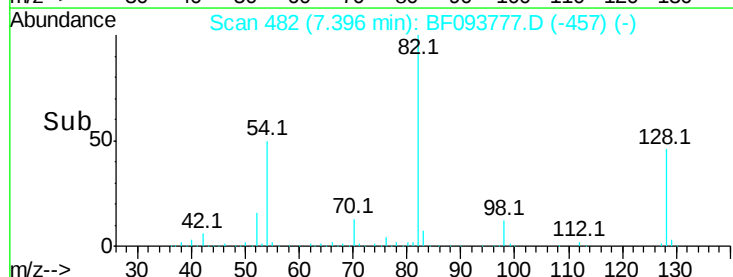
54 49.9 42.2 63.2

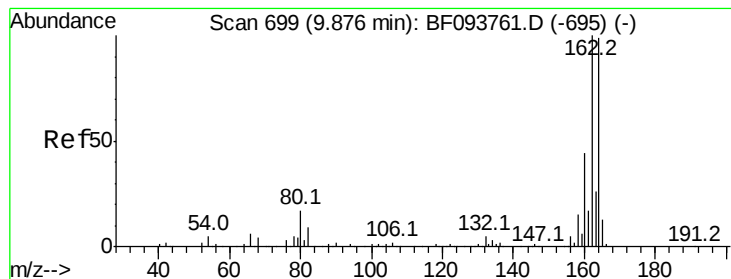


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): 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)

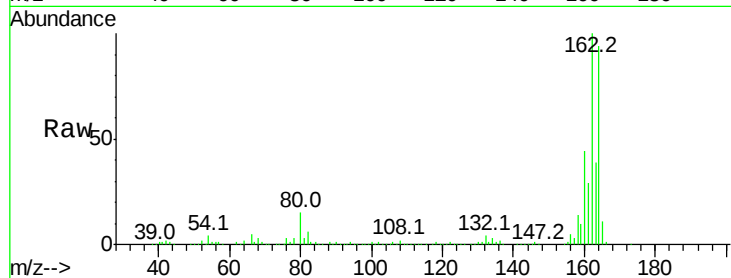
Tot Ion:164 Resp: 386811

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

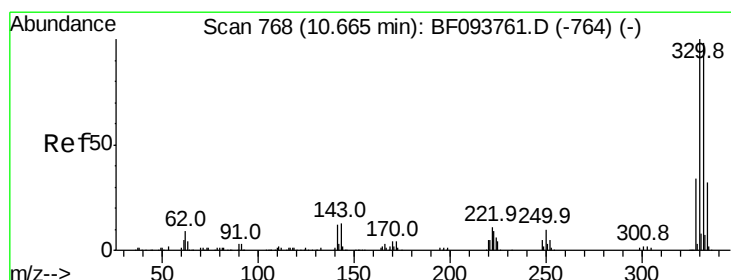
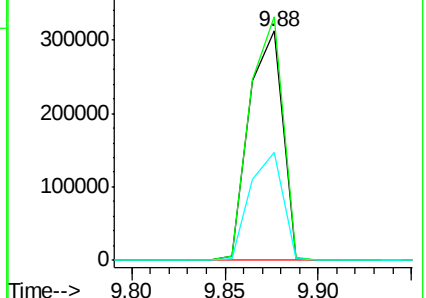
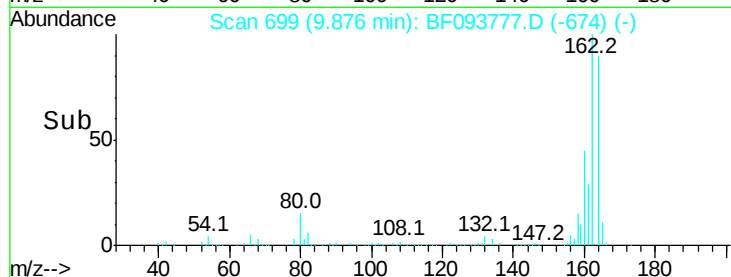
160 47.1 36.2 54.2



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

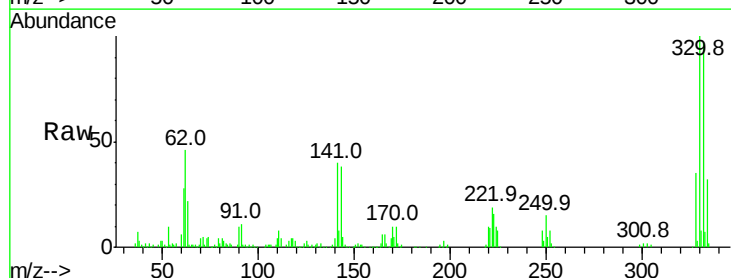
Tgt Ion:330 Resp: 166134

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

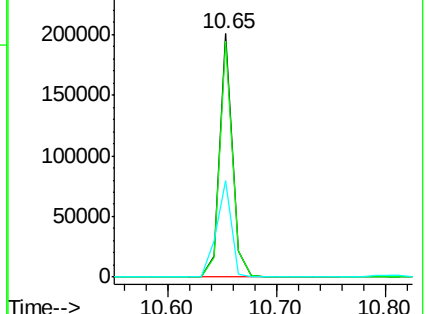
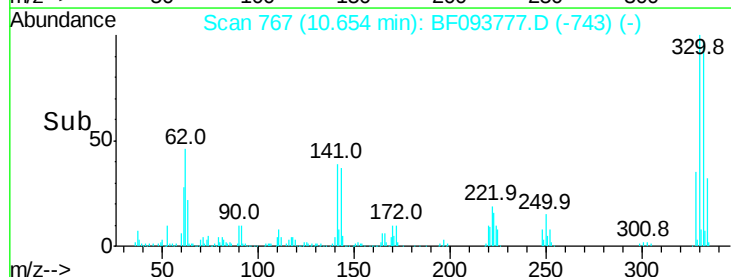
141 46.8 31.4 47.2

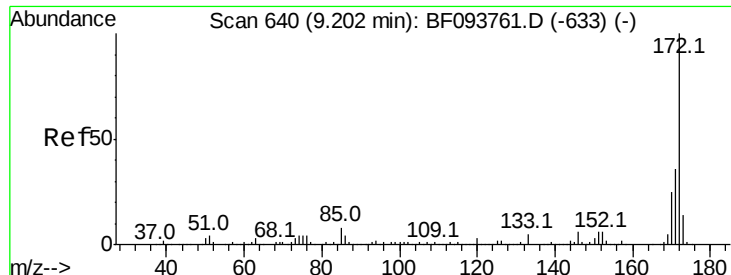


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



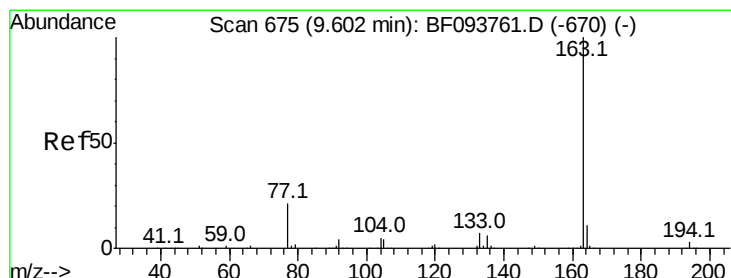
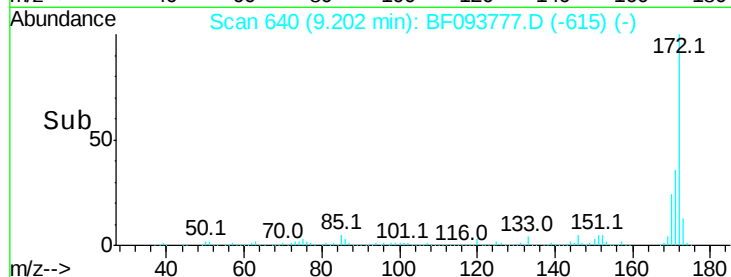
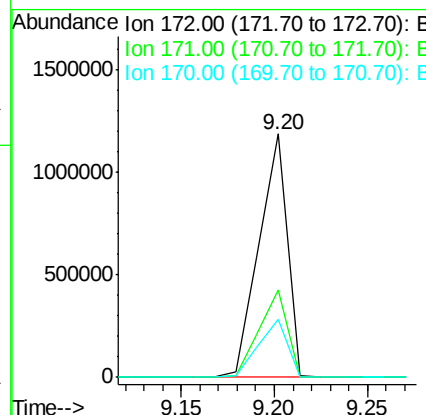
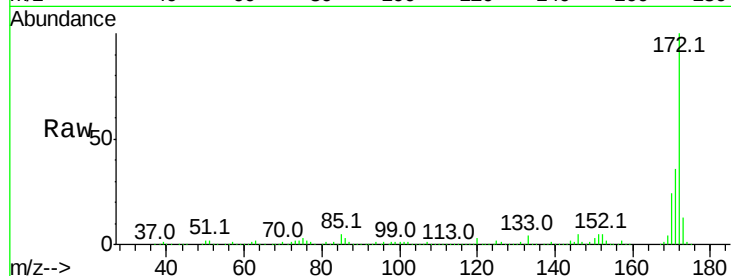


#44
 2-Fluorobiphenyl
 Concen: 53.79 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093777.D
 Acq: 20 Mar 2017 21:15

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

Tot Ion:172 Resp: 1237353

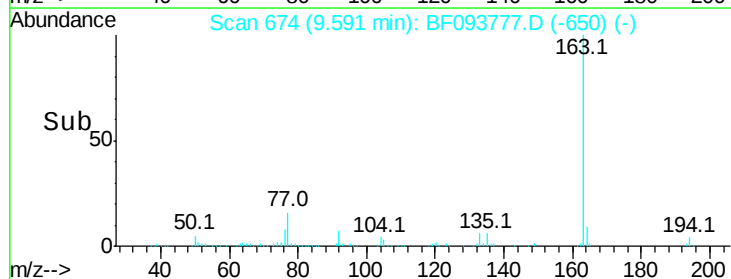
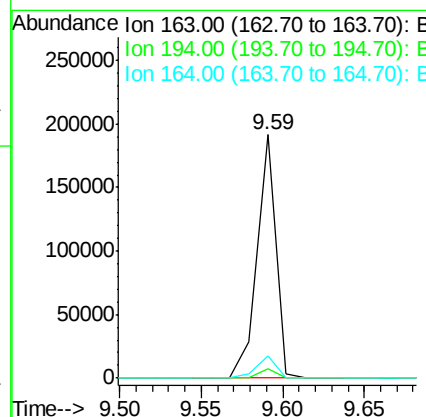
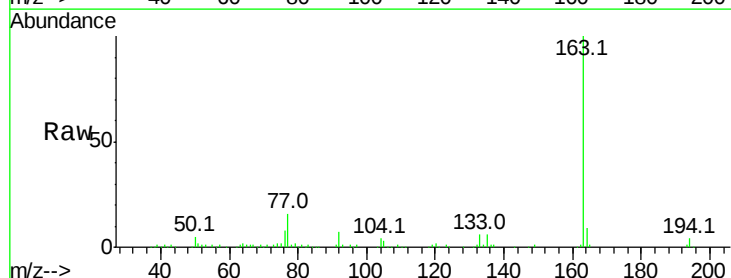
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8

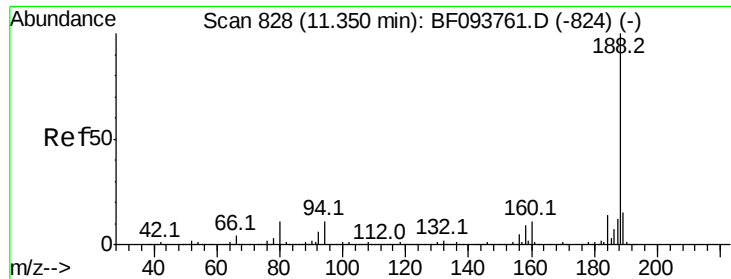


#49
 Dimethylphthalate
 Concen: 5.59 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF093777.D
 Acq: 20 Mar 2017 21:15

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





#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

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

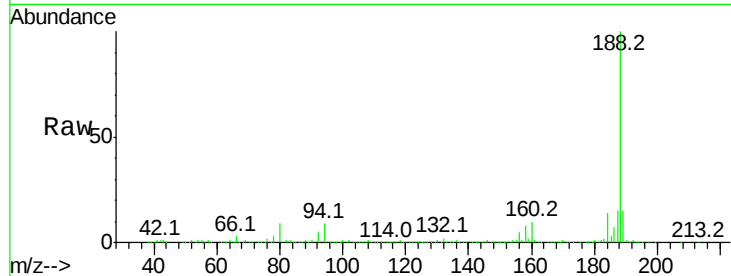
Tot Ion:188 Resp: 650594

Ion Ratio Lower Upper

188 100

94 8.6 9.4 14.2#

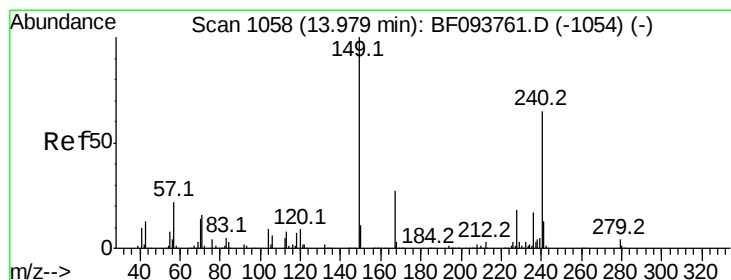
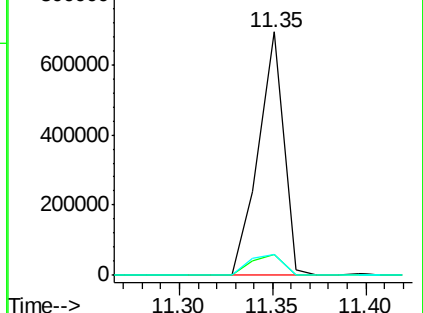
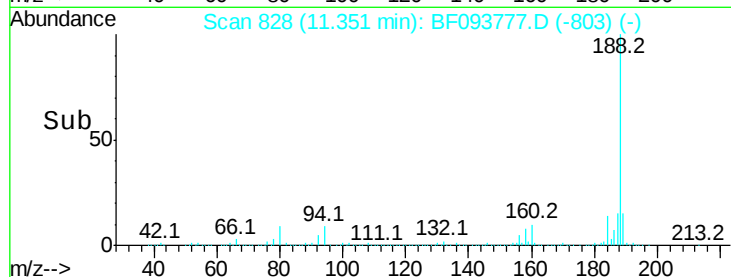
80 8.7 10.2 15.2#



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



#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

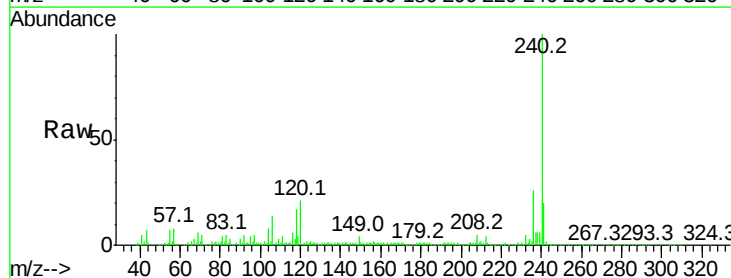
Tgt Ion:240 Resp: 392317

Ion Ratio Lower Upper

240 100

120 21.1 5.8 8.8#

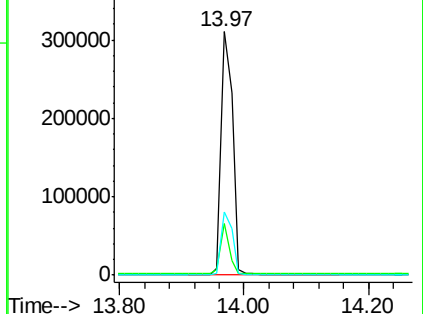
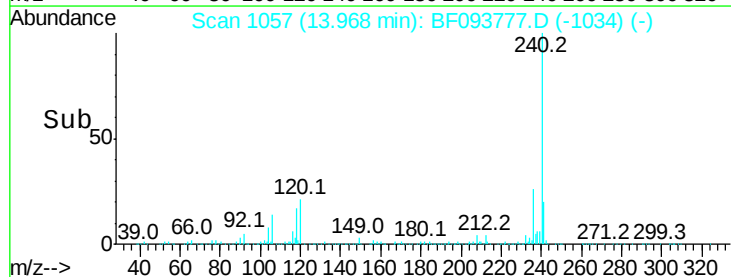
236 26.1 20.5 30.7

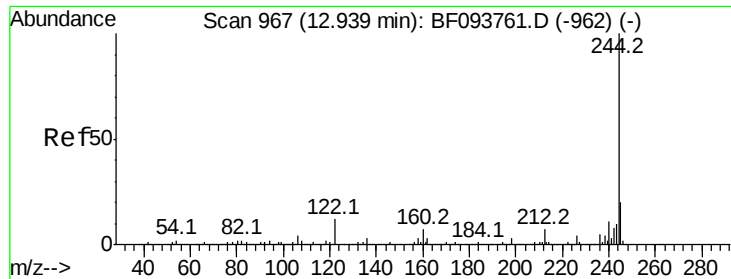


Abundance Ion 240.00 (239.70 to 240.70): E

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)

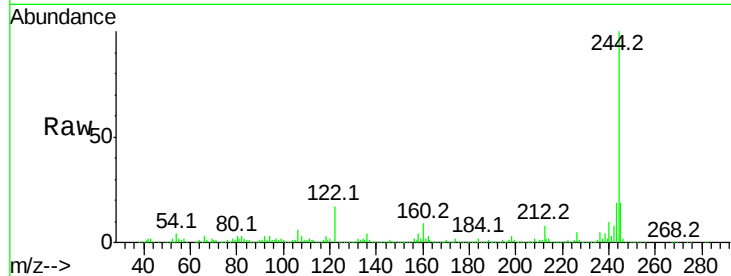
Tot Ion:244 Resp: 725559

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

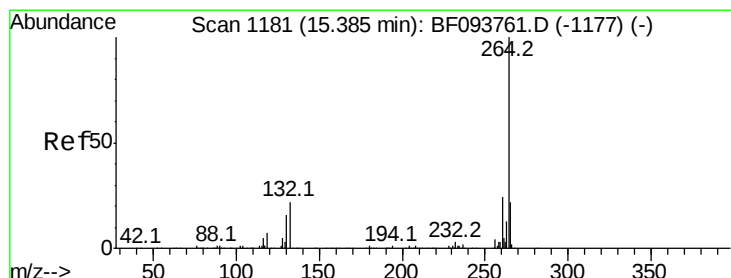
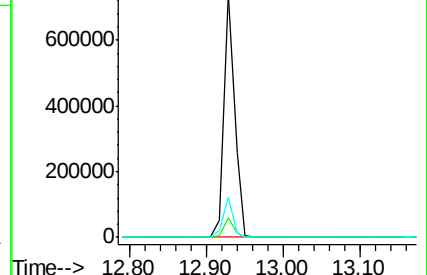
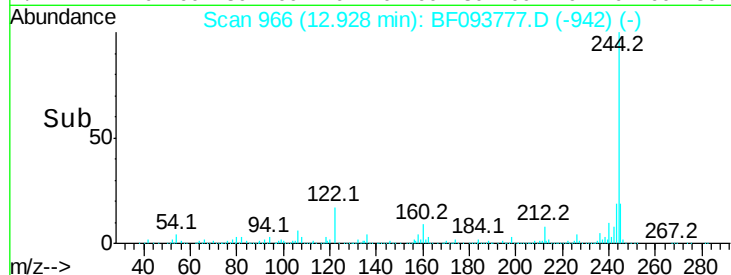
122 16.7 10.3 15.5#



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

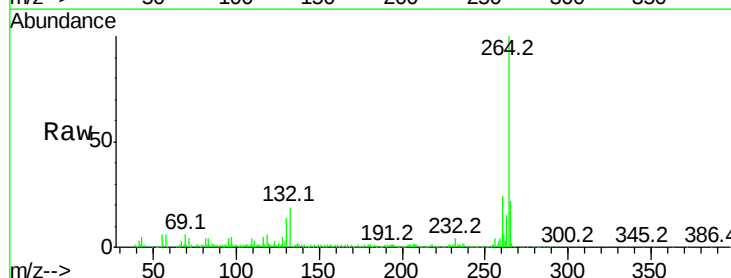
Tgt Ion:264 Resp: 364050

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

