

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 01:50:05 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

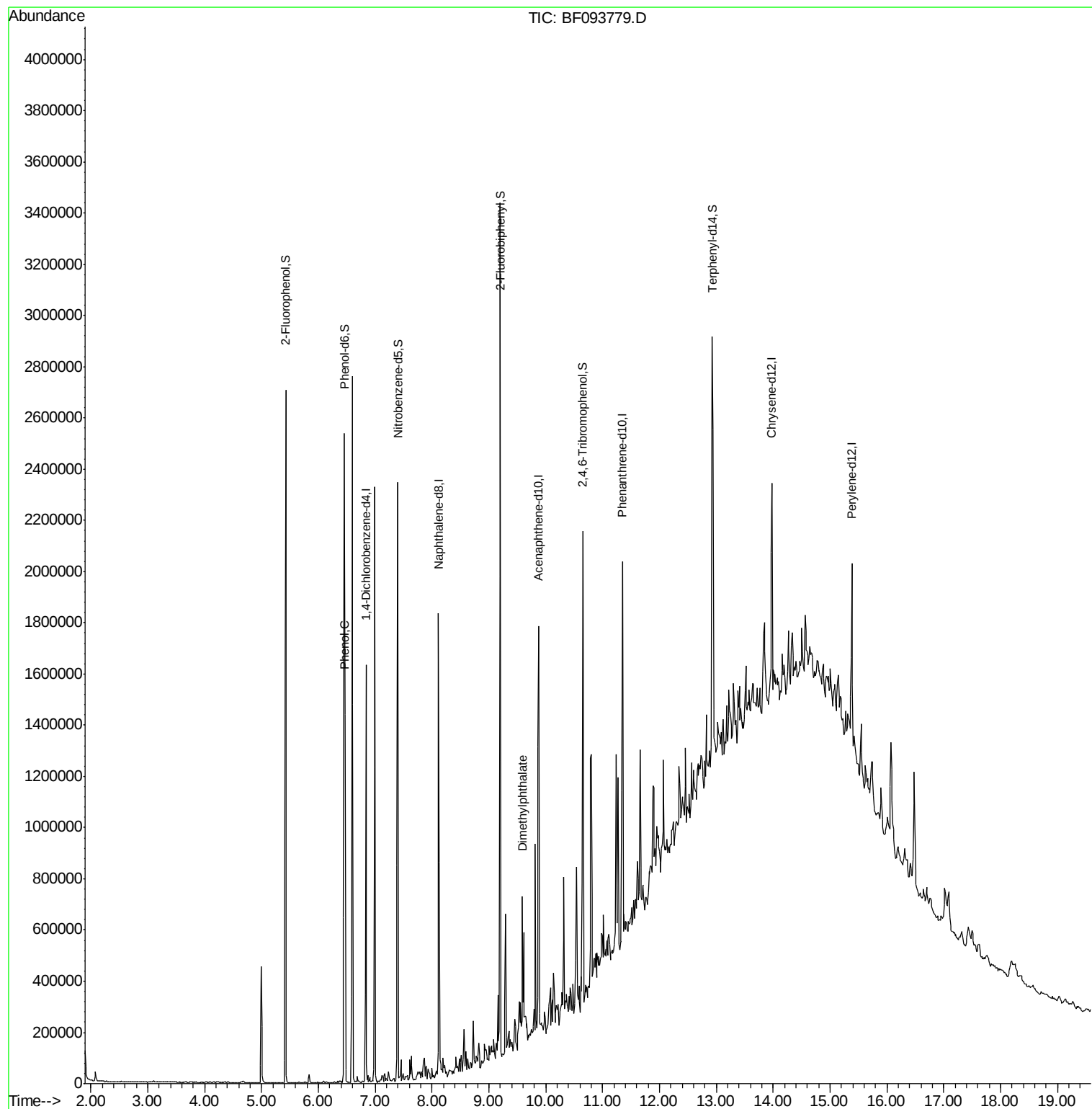
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	237223	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	870092	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	390113	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	609916	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	380040	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
49) Dimethylphthalate	9.59	163	178319	6.42	ng	# 97

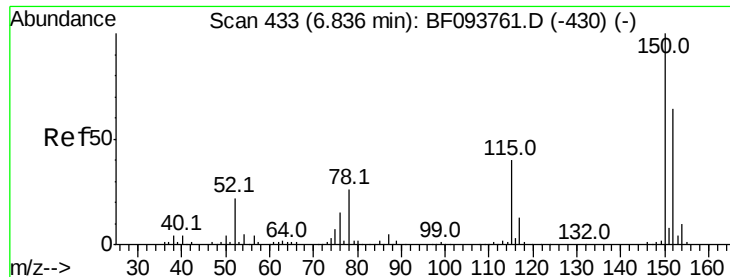
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

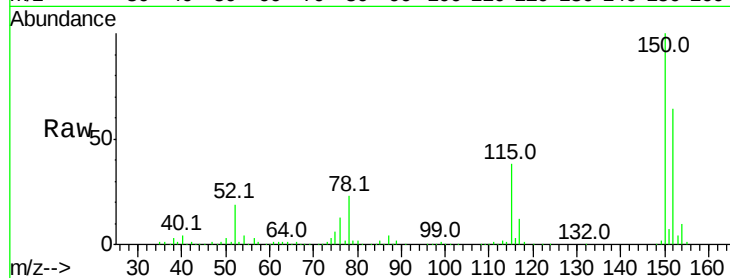
Tot Ion:152 Resp: 237223

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

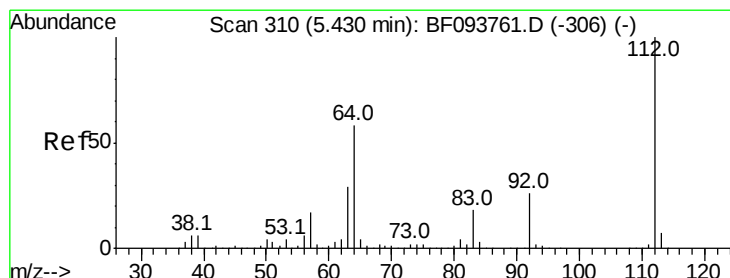
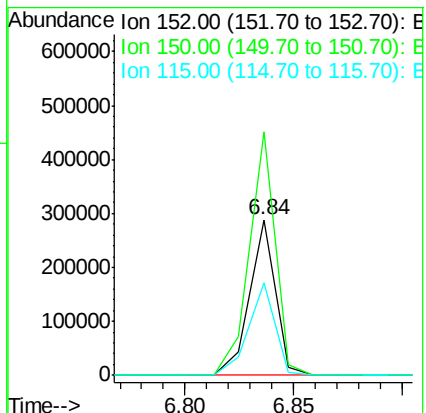
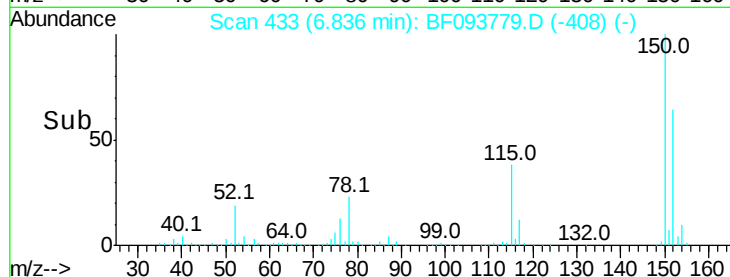
115 59.8 52.2 78.2



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

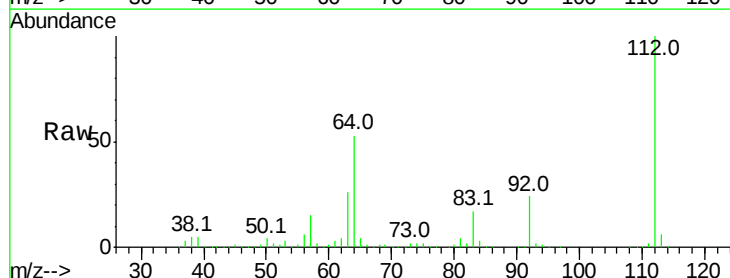
Tgt Ion:112 Resp: 923000

Ion Ratio Lower Upper

112 100

64 52.6 46.0 69.0

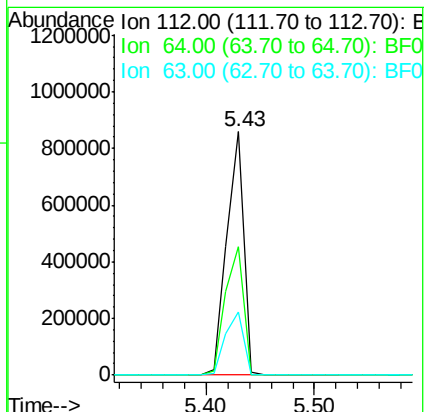
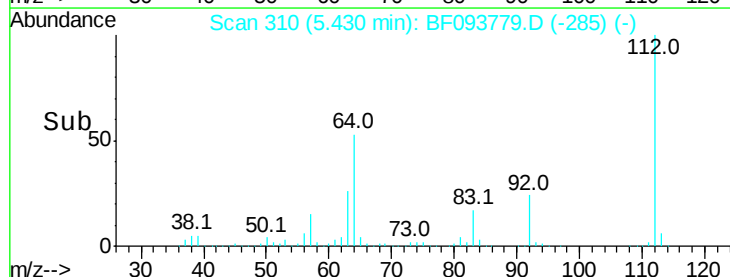
63 26.2 23.4 35.0

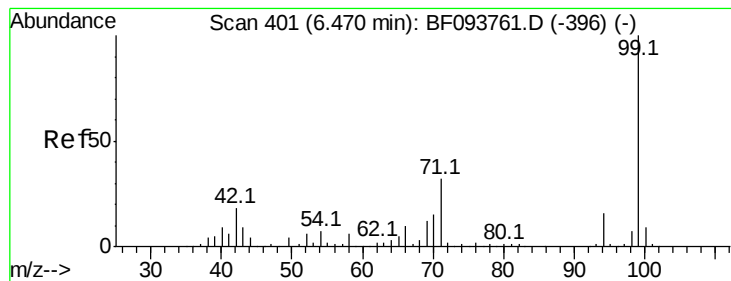


Abundance Ion 112.00 (111.70 to 112.70): E

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)

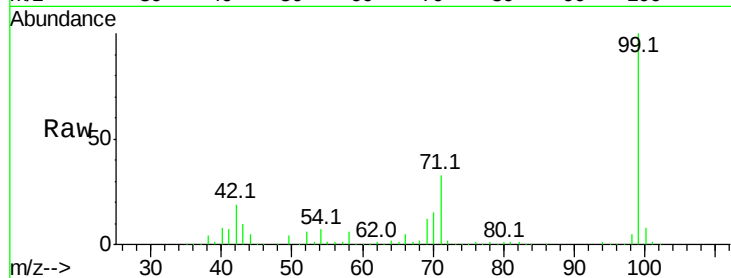
Tot Ion: 99 Resp: 1144278

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	33.3	24.5	36.7

99 100

42 19.3 13.5 20.3

71 33.3 24.5 36.7

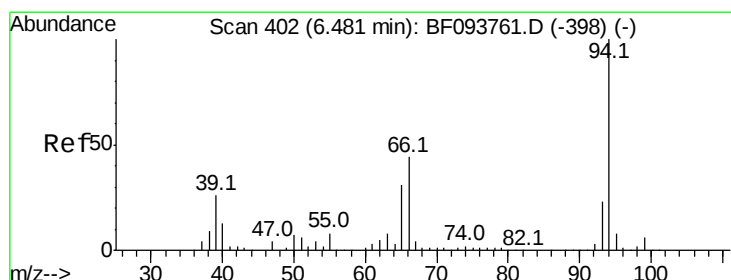
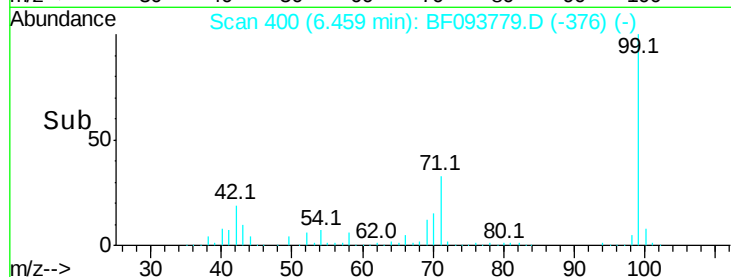
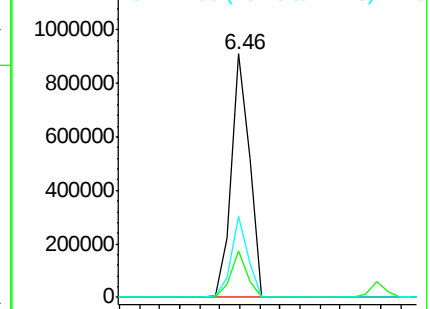


Abundance

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

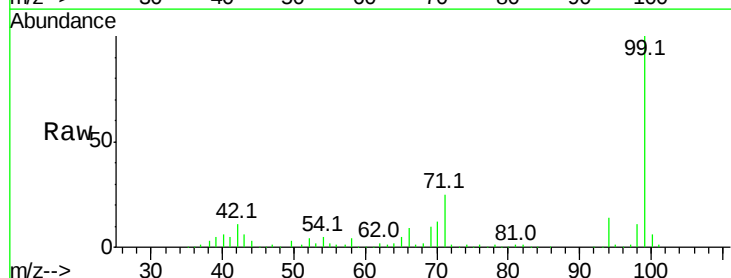
Tgt Ion: 94 Resp: 67050

Ion	Ratio	Lower	Upper
94	100		
65	36.2	9.9	49.9
66	65.9	23.1	63.1#

94 100

65 36.2 9.9 49.9

66 65.9 23.1 63.1#

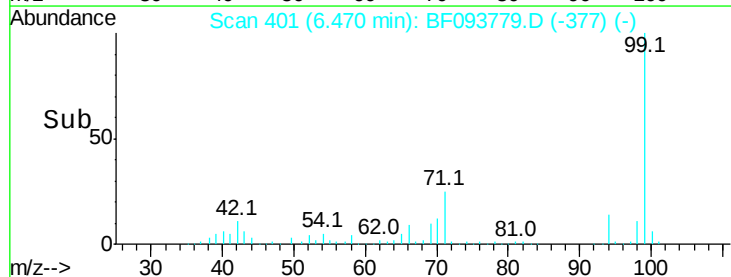
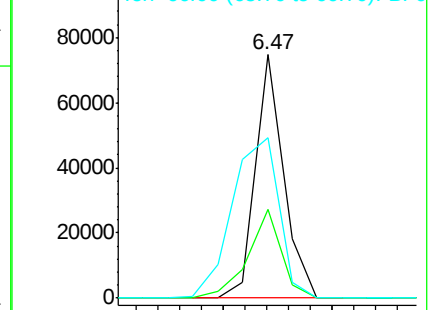


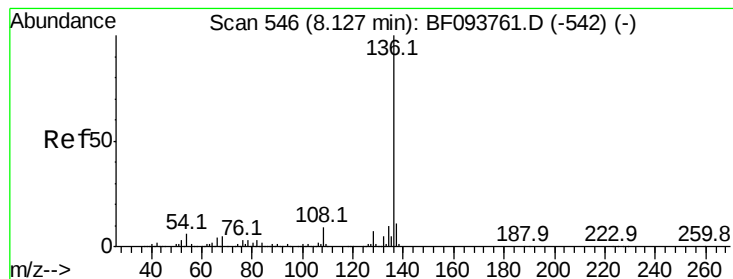
Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

Tot Ion:136 Resp: 870092

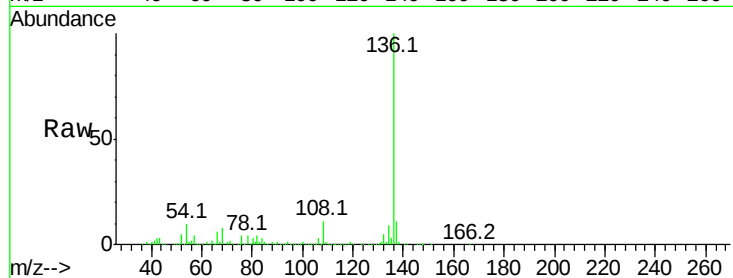
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.9 4.9 7.3#

68 7.8 4.1 6.1#

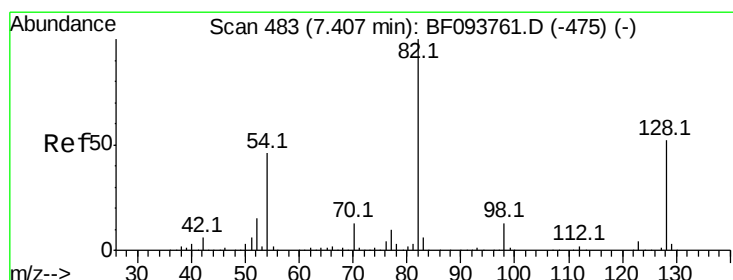
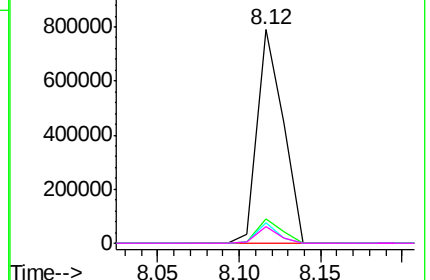
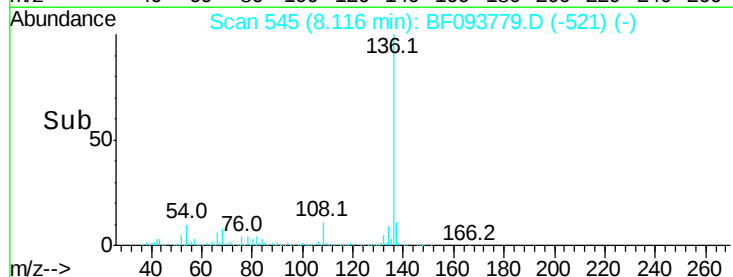


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

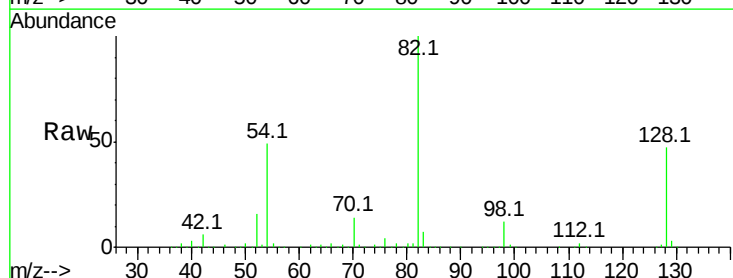
Tgt Ion: 82 Resp: 761713

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

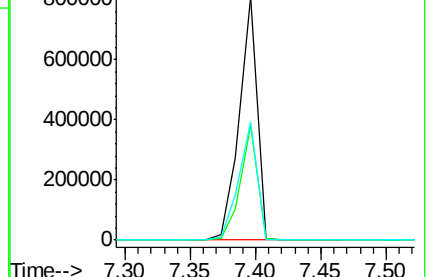
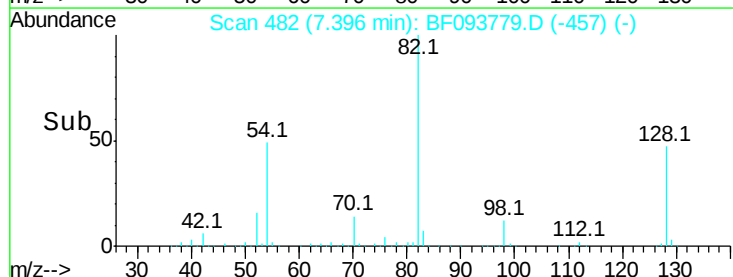
54 48.6 42.2 63.2

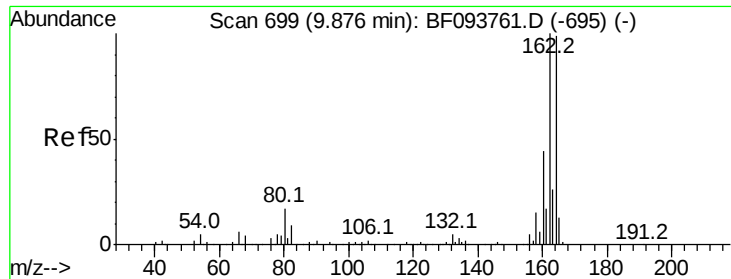


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): 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: BF093779.D

Acq: 20 Mar 2017 22:10

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

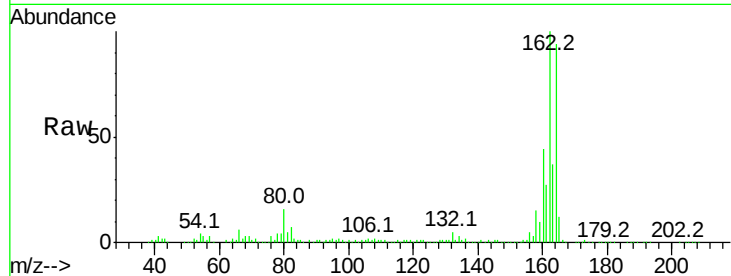
Tot Ion:164 Resp: 390113

Ion Ratio Lower Upper

164 100

162 106.6 82.6 123.8

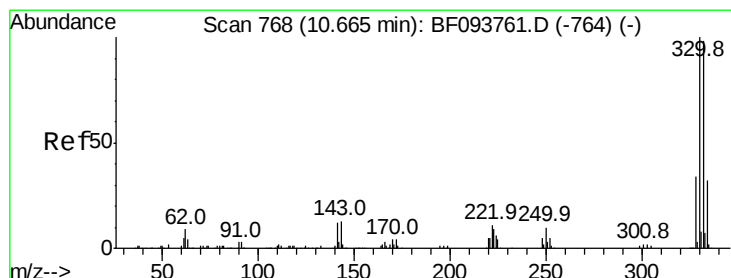
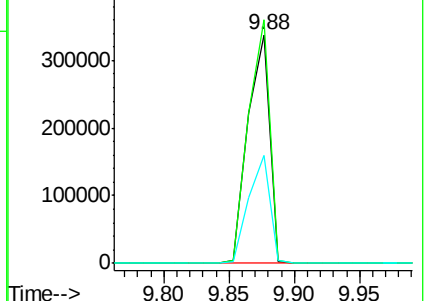
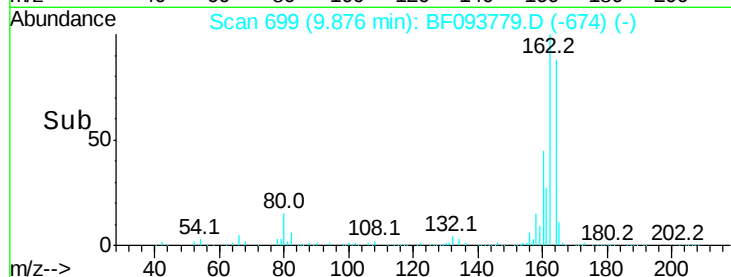
160 47.4 36.2 54.2



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

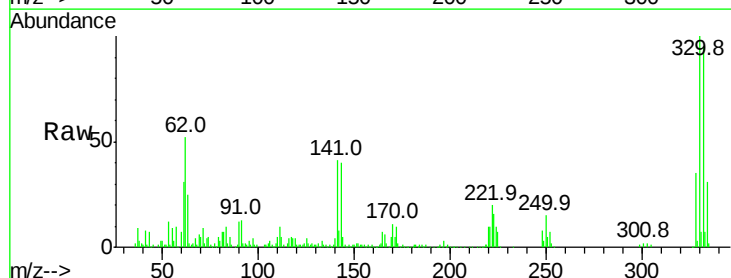
Tgt Ion:330 Resp: 183705

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

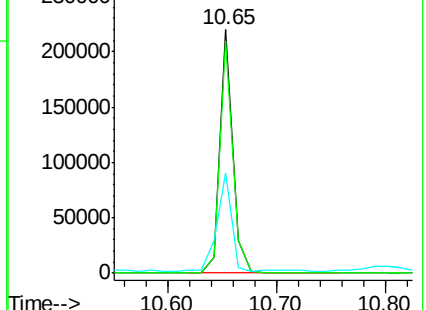
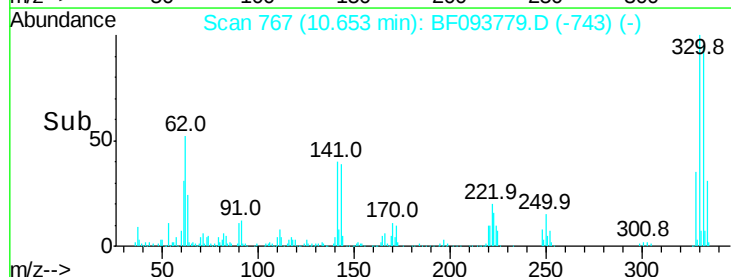
141 46.5 31.4 47.2

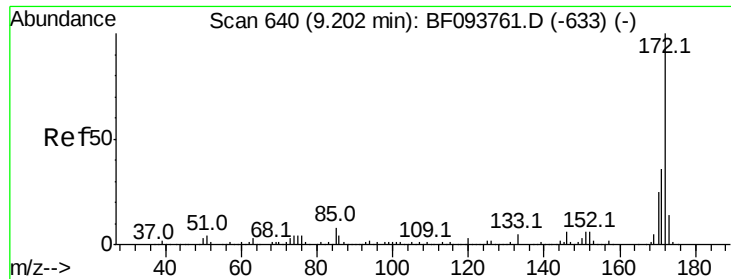


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

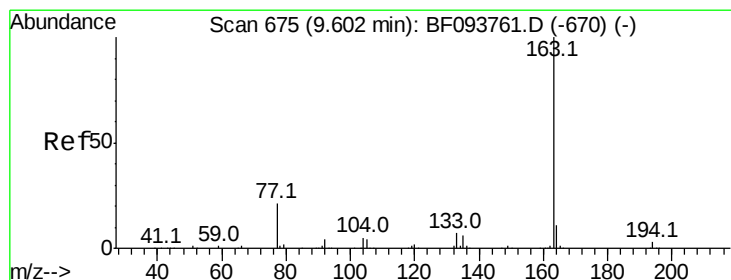
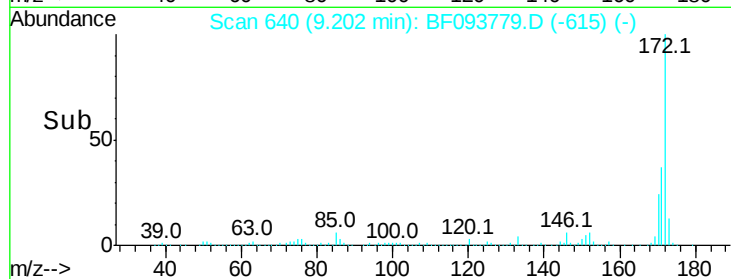
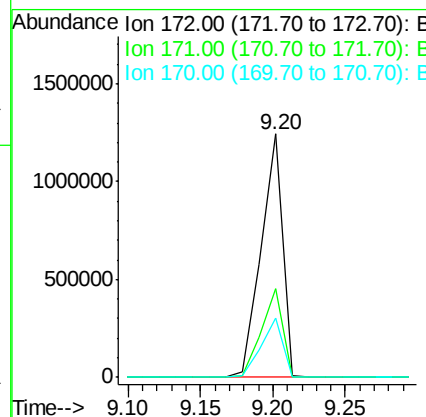
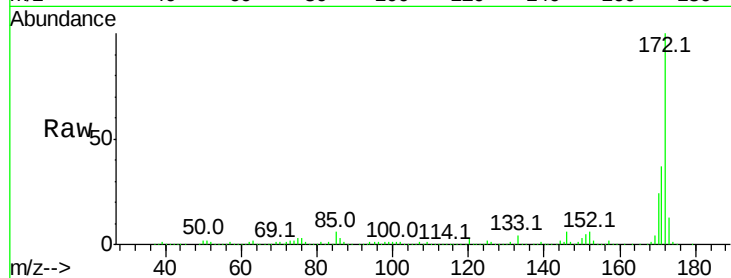




#44
2-Fluorobiphenyl
Concen: 55.00 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093779.D
Acq: 20 Mar 2017 22:10

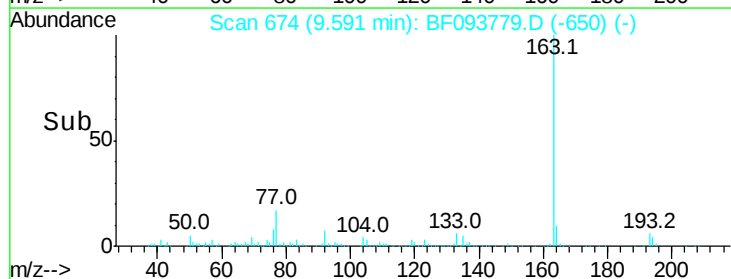
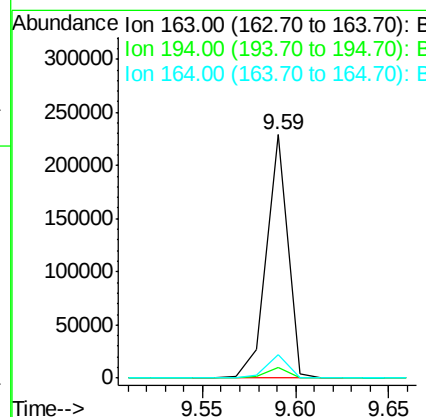
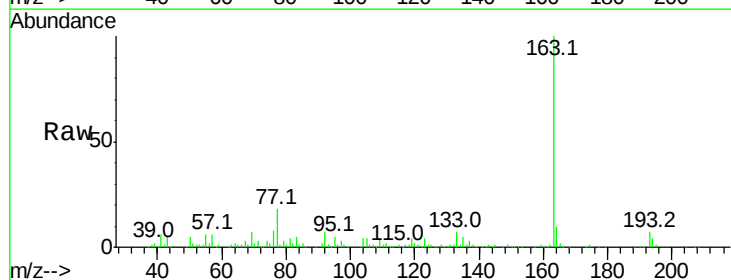
Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

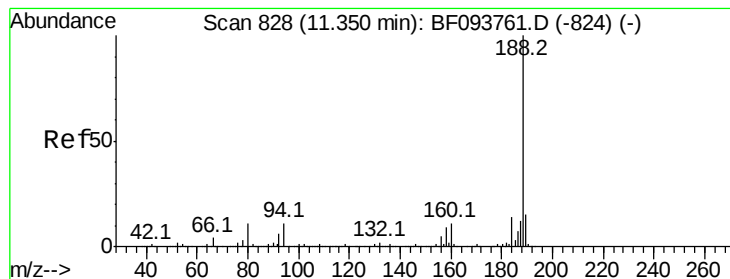
Tot Ion:172 Resp: 1276005
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.8 29.8



#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)

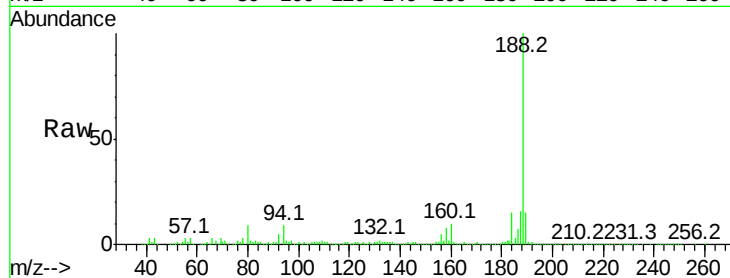
Tot Ion:188 Resp: 609916

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

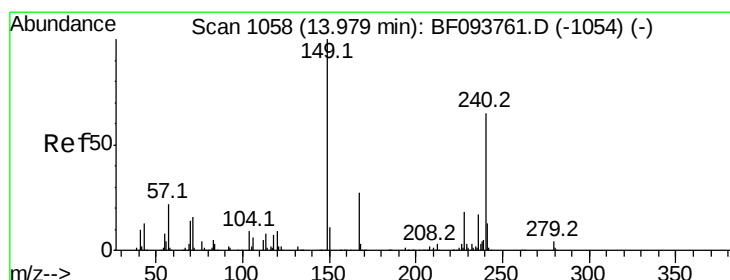
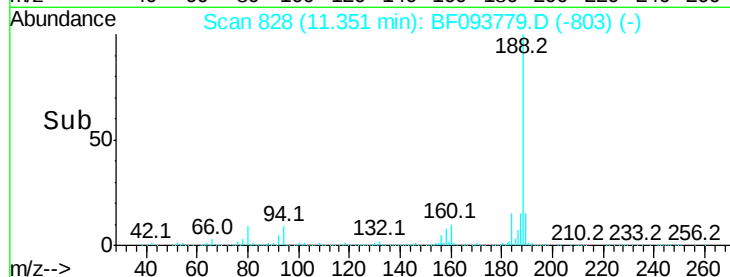
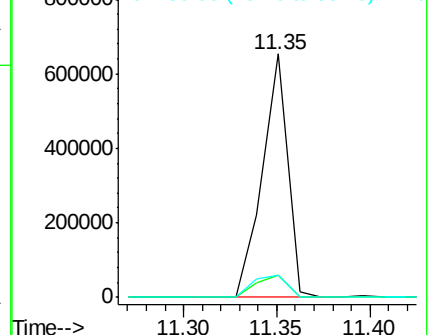
80 9.1 10.2 15.2#



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



#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

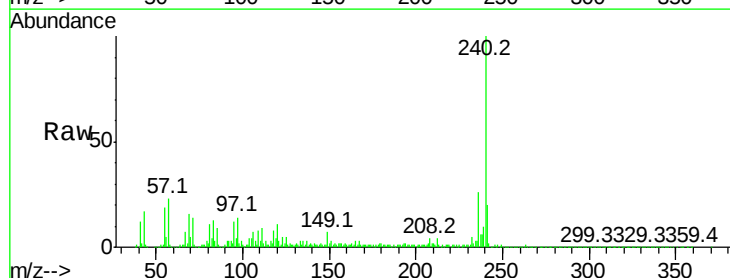
Tgt Ion:240 Resp: 380040

Ion Ratio Lower Upper

240 100

120 11.1 5.8 8.8#

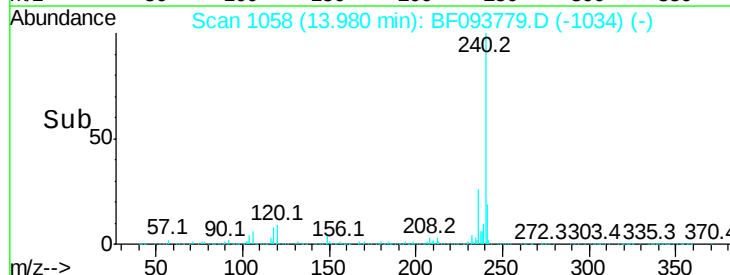
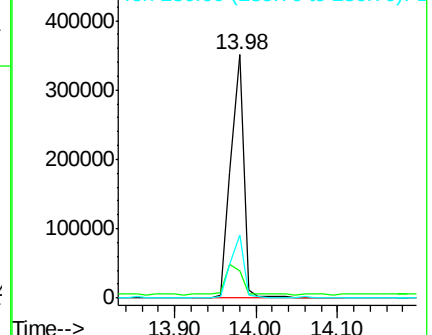
236 26.1 20.5 30.7

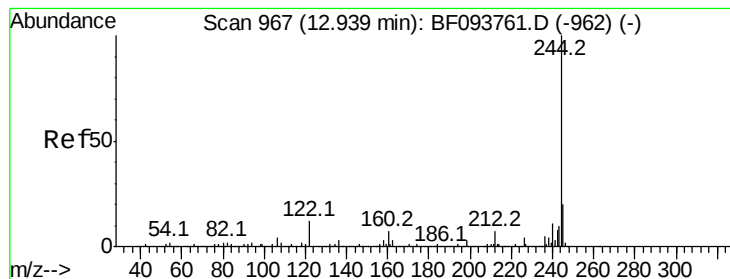


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

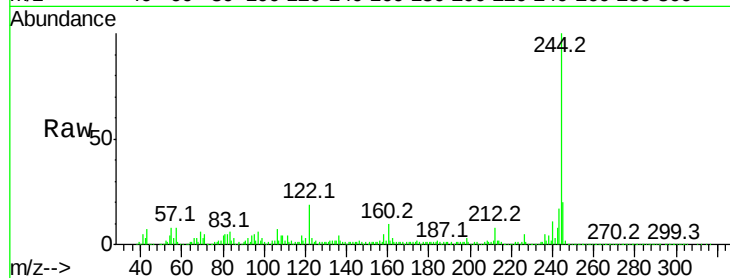
Tot Ion:244 Resp: 719967

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

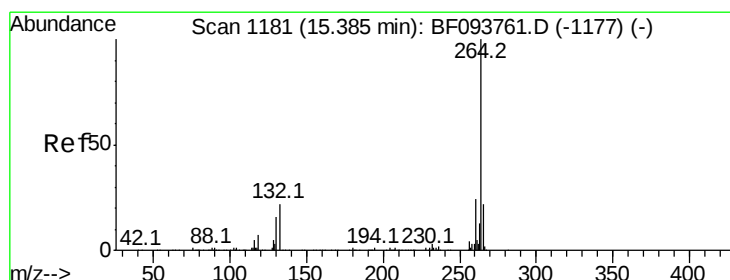
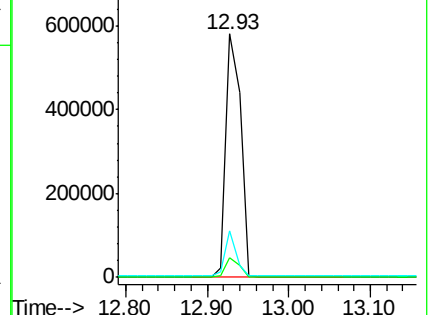
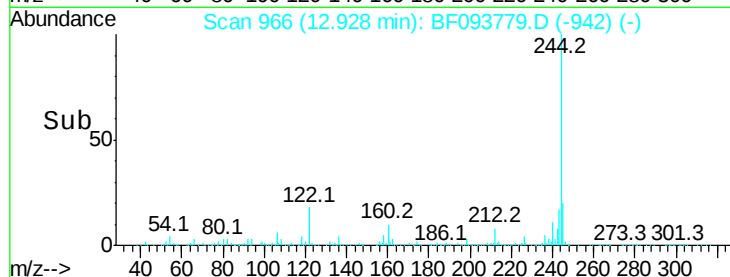
122 18.9 10.3 15.5#



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

Perylene-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

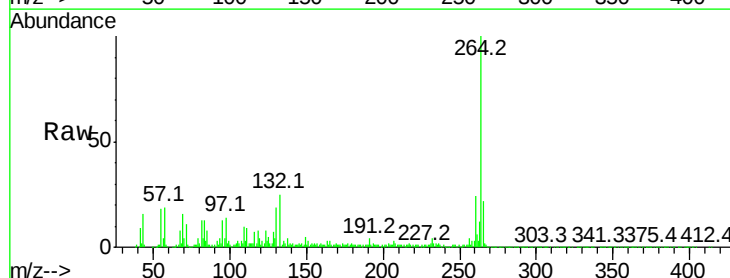
Tgt Ion:264 Resp: 340107

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

