

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093776.D
 Acq On : 20 Mar 2017 20:47
 Operator : SJ/MA
 Sample : I2304-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Quant Time: Mar 21 01:42:02 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

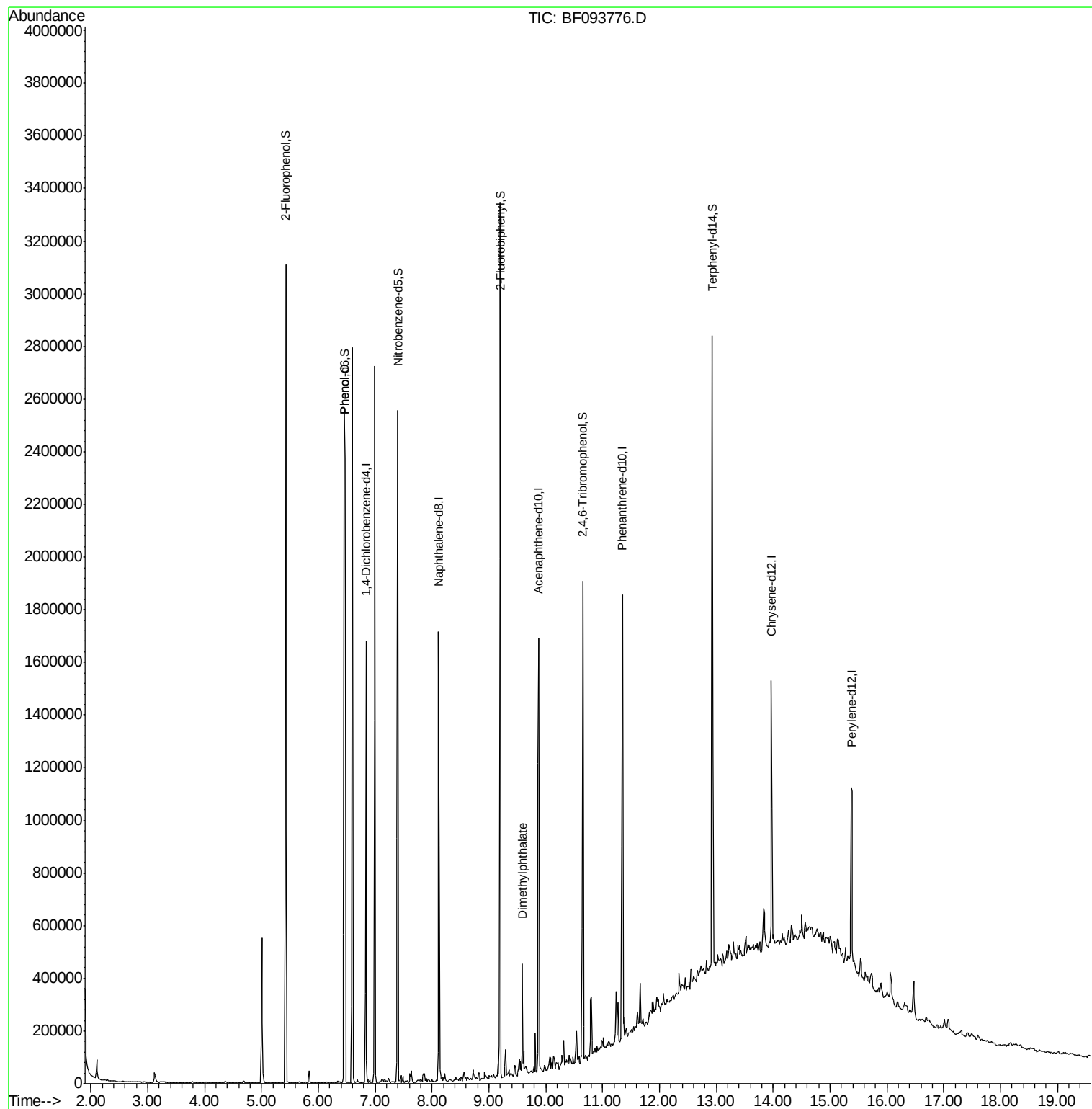
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	246170	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	921338	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	419106	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	679718	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	415442	20.00	ng	-0.03
86) Perylene-d12	15.39	264	379374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	993711	70.59	ng	-0.01
7) Phenol-d6	6.47	99	1398858	80.42	ng	-0.01
23) Nitrobenzene-d5	7.40	82	847556	52.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	183008	56.38	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1292298	51.85	ng	-0.01
78) Terphenyl-d14	12.93	244	769035	37.74	ng	-0.02
Target Compounds						
10) Phenol	6.47	94	59737	3.06	ng	Qvalue # 21
49) Dimethylphthalate	9.59	163	159941	5.36	ng	99

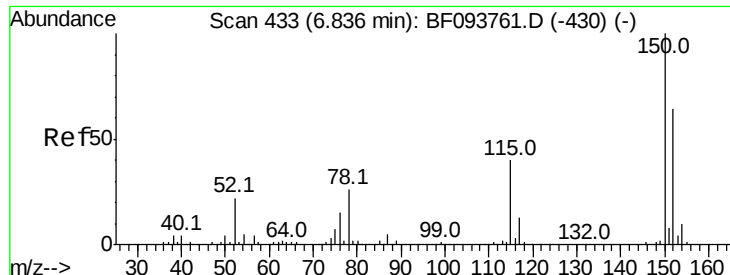
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

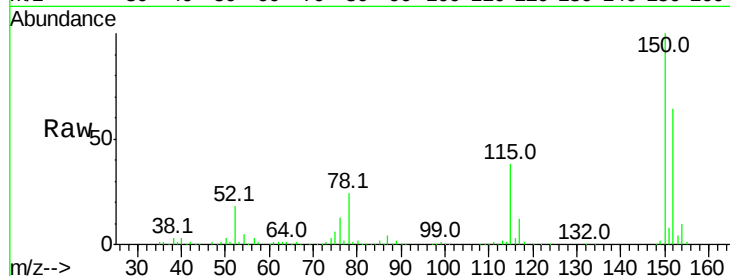
Tot Ion:152 Resp: 246170

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

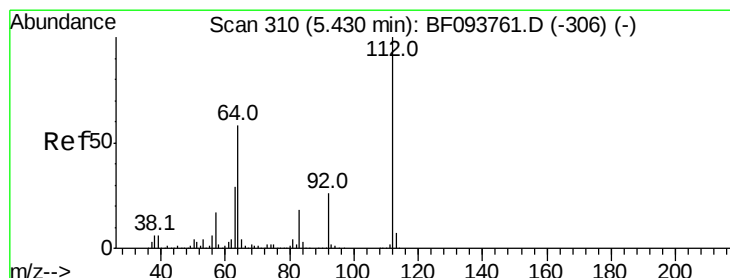
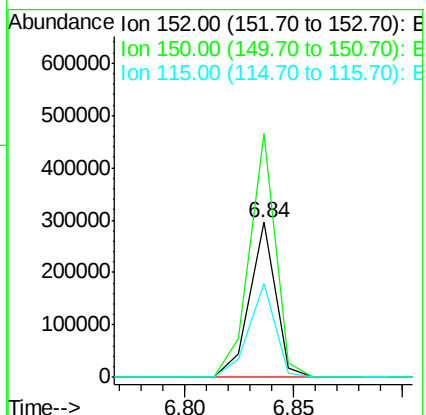
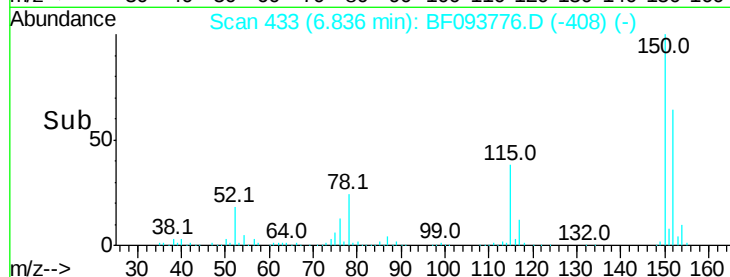
115 60.1 52.2 78.2



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: 70.59 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

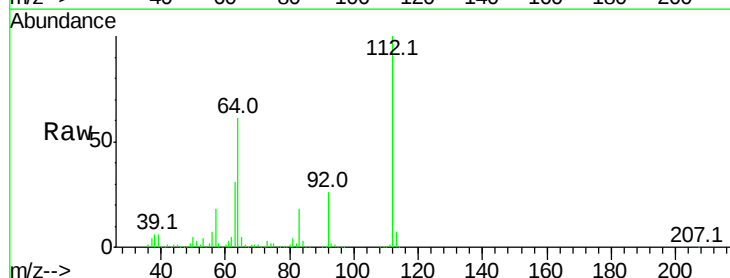
Tgt Ion:112 Resp: 993711

Ion Ratio Lower Upper

112 100

64 61.2 46.0 69.0

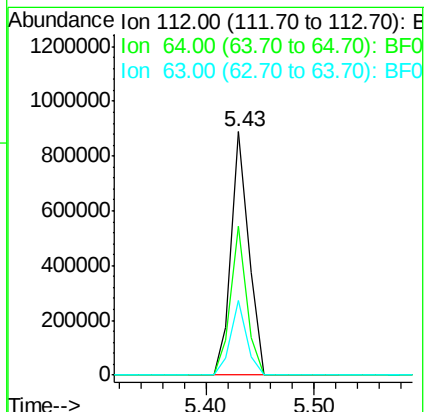
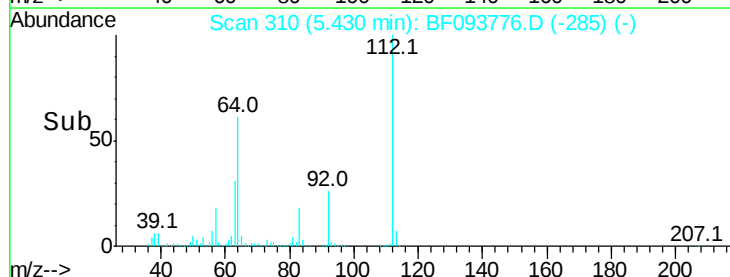
63 30.6 23.4 35.0

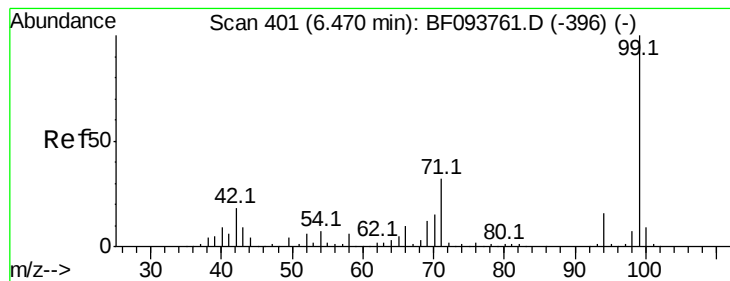


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.42 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

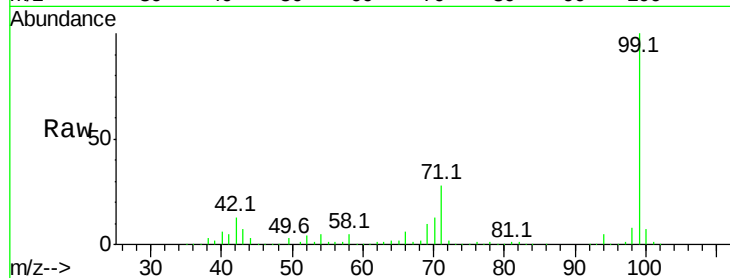
Tot Ion: 99 Resp: 1398858

Ion Ratio Lower Upper

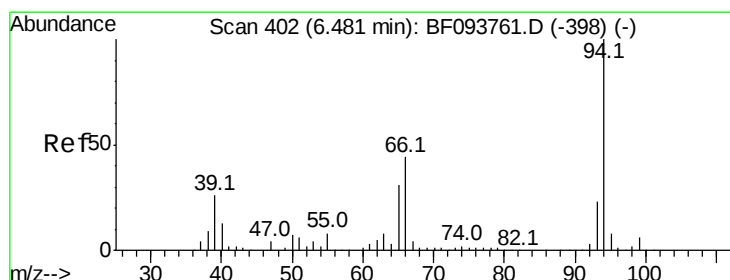
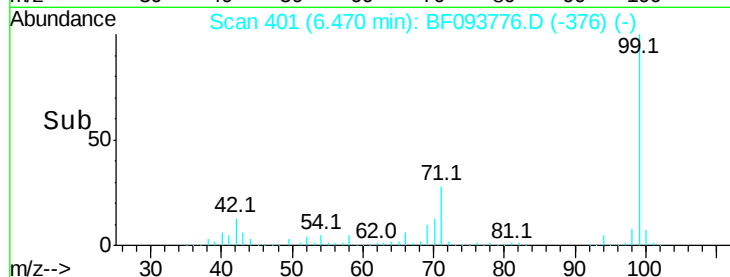
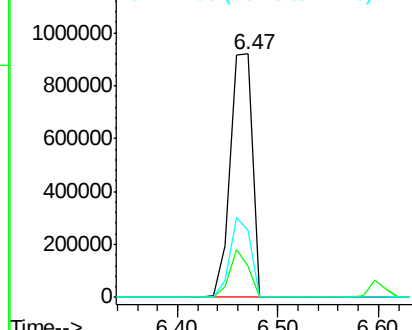
99 100

42 12.9 13.5 20.3#

71 27.6 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: 3.06 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

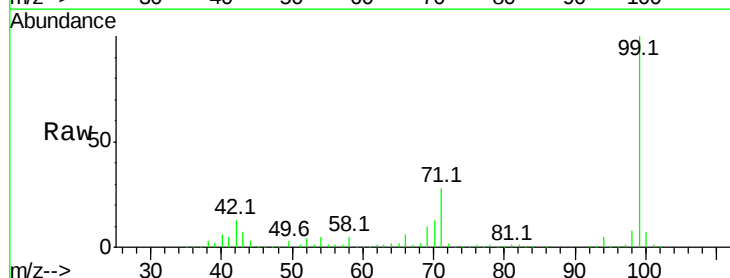
Tgt Ion: 94 Resp: 59737

Ion Ratio Lower Upper

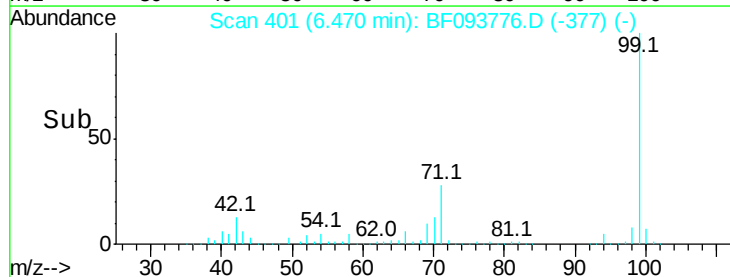
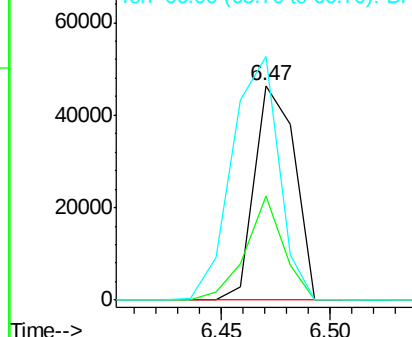
94 100

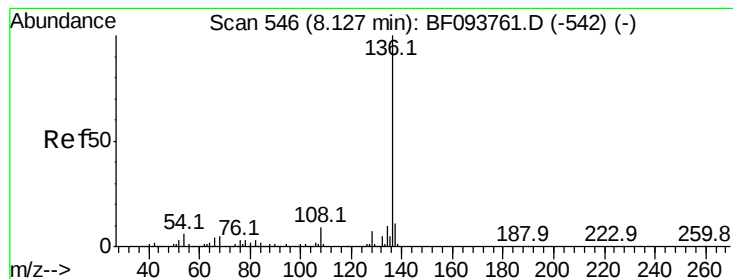
65 48.4 9.9 49.9

66 113.5 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: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

Tot Ion:136 Resp: 921338

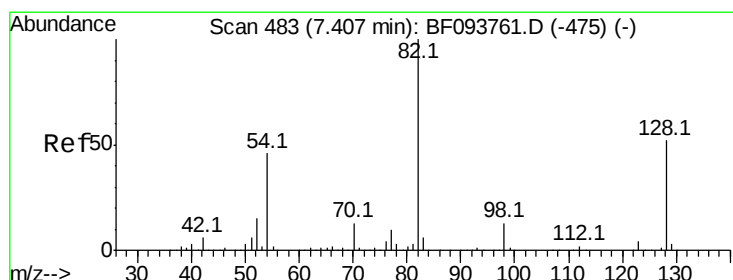
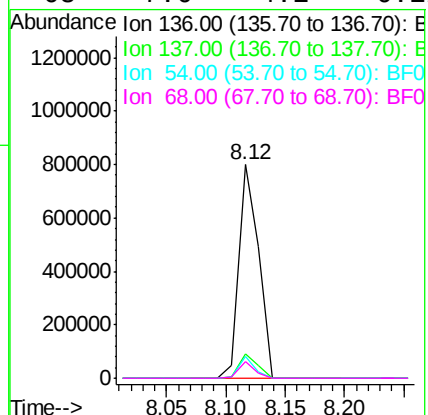
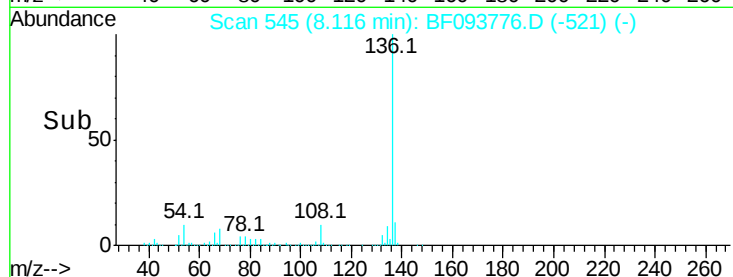
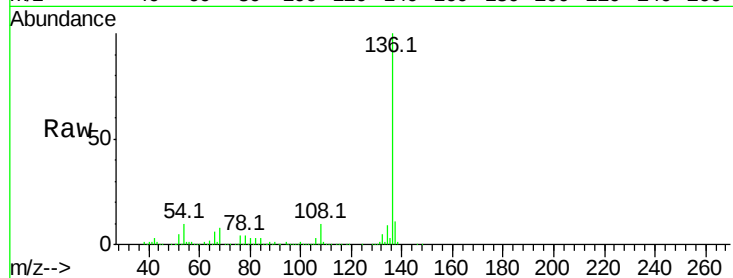
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.0 4.9 7.3#

68 7.6 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 52.19 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

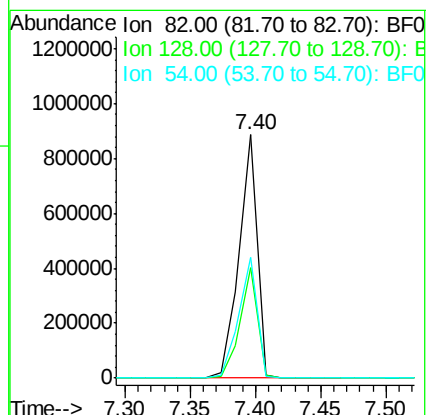
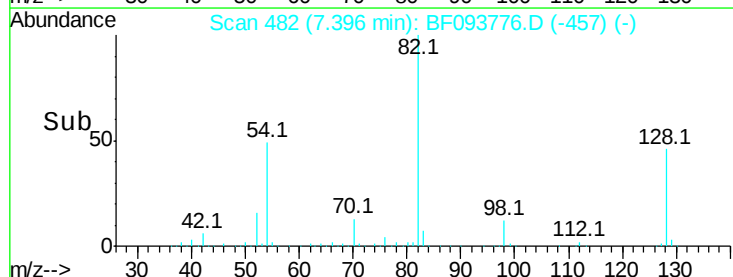
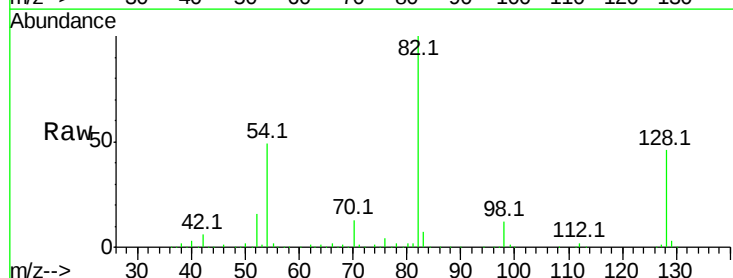
Tgt Ion: 82 Resp: 847556

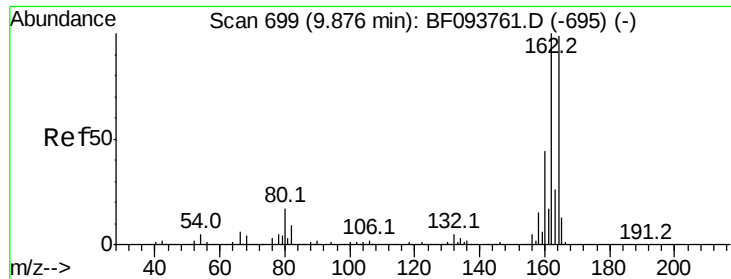
Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

54 49.4 42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

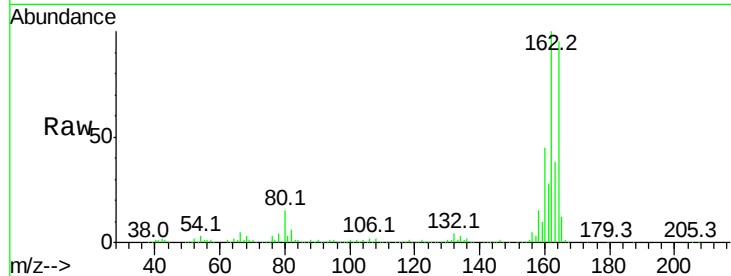
Tot Ion:164 Resp: 419106

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

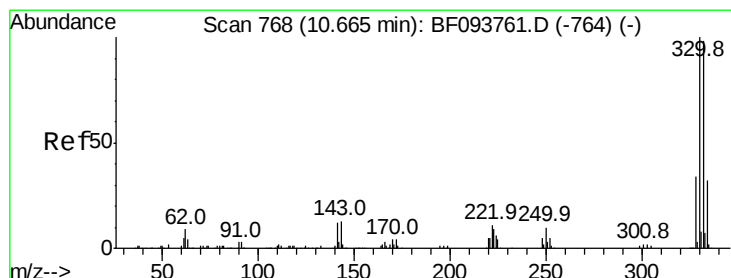
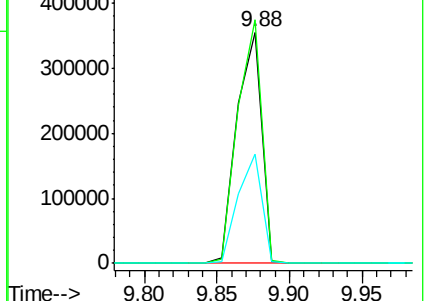
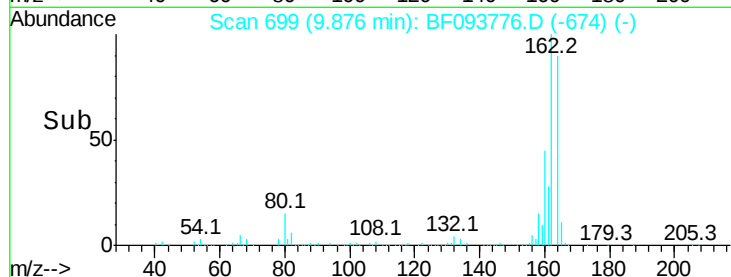
160 47.3 36.2 54.2



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: 56.38 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

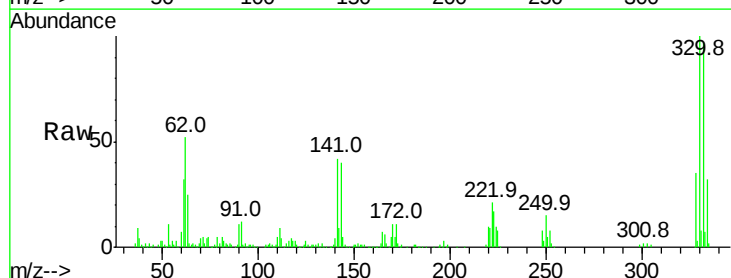
Tgt Ion:330 Resp: 183008

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

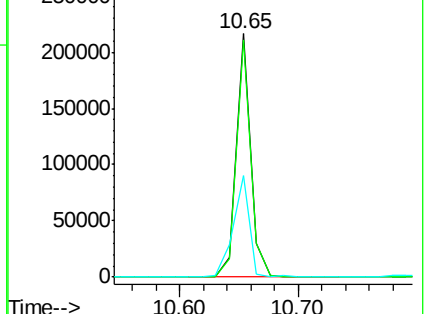
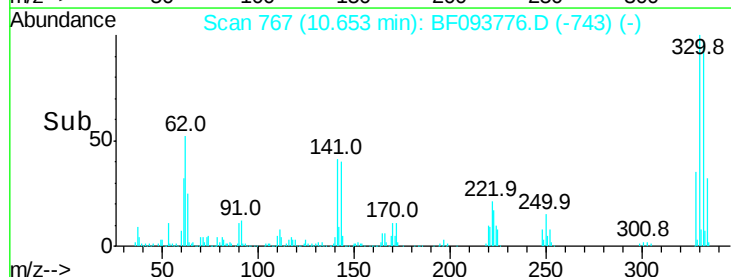
141 46.3 31.4 47.2

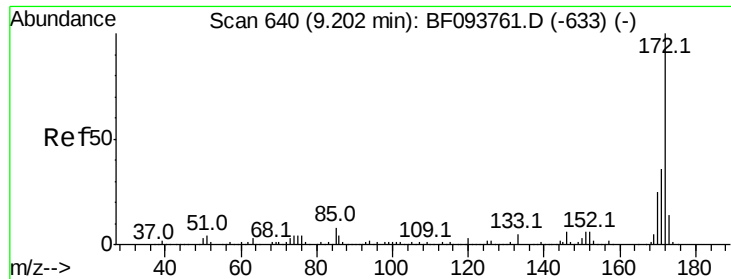


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



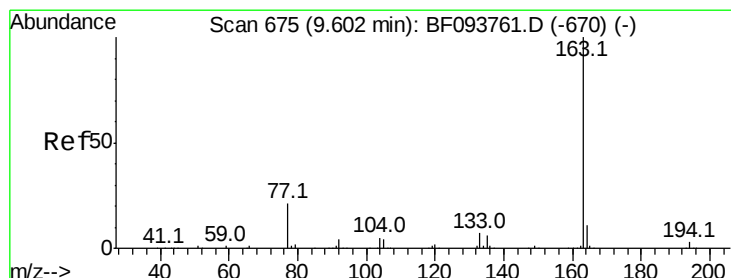
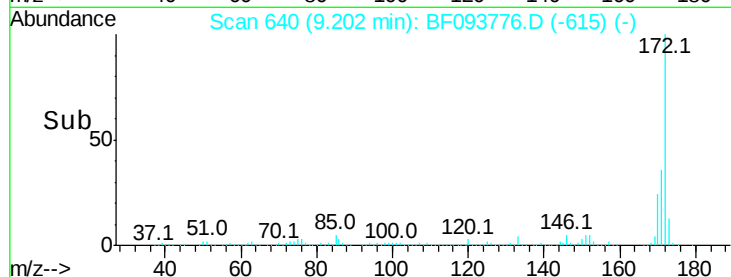
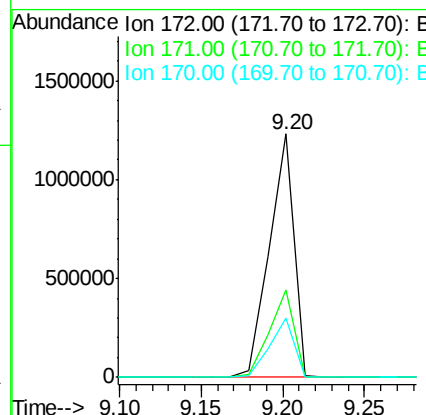
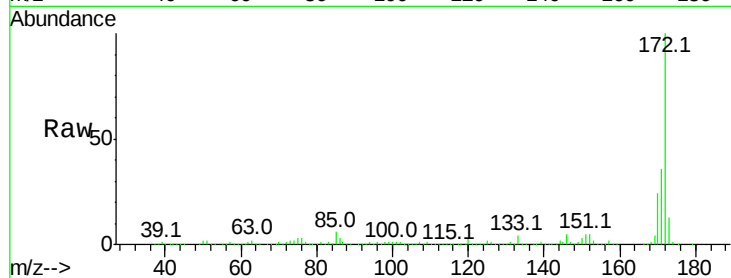


#44
 2-Fluorobiphenyl
 Concen: 51.85 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Tot Ion:172 Resp: 1292298

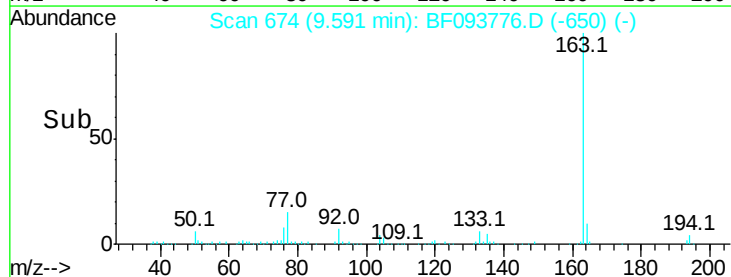
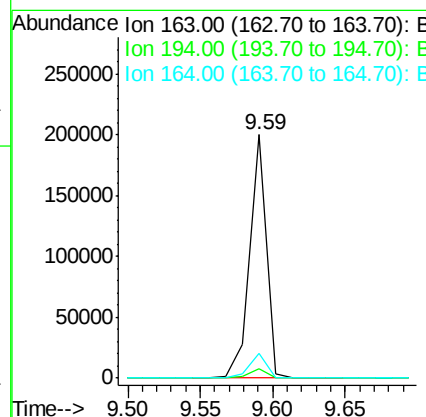
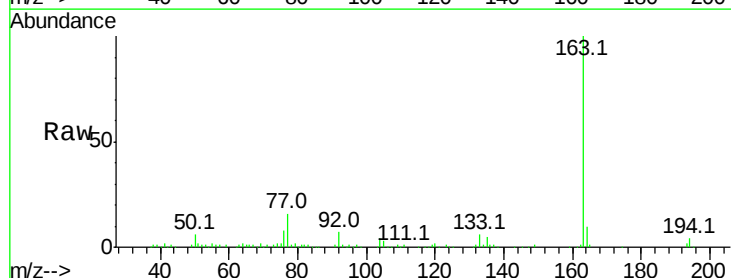
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8

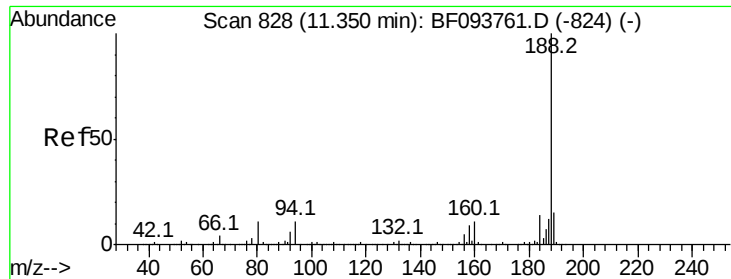


#49
 Dimethylphthalate
 Concen: 5.36 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF093776.D
 Acq: 20 Mar 2017 20:47

Tgt Ion:163 Resp: 159941

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.2	8.4	12.6

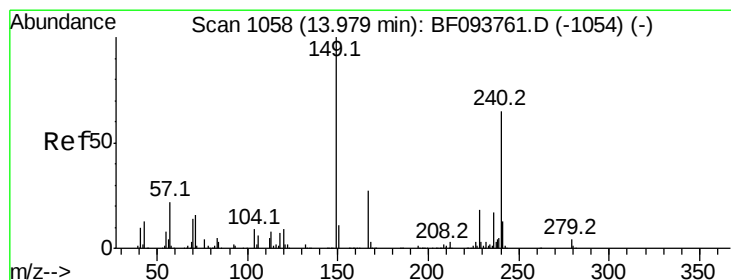
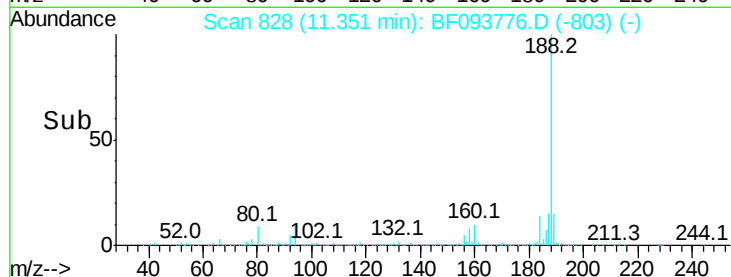
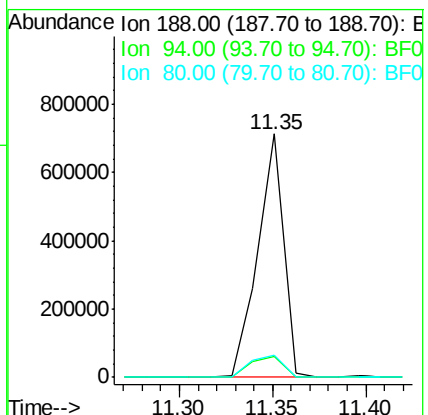
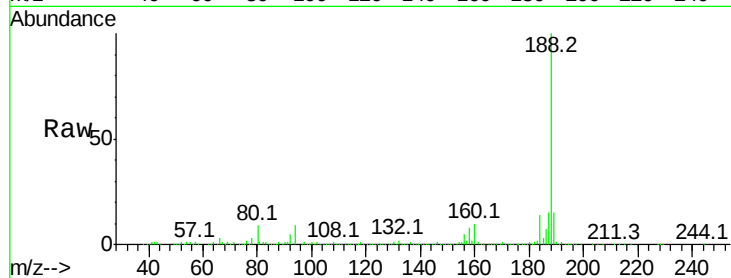




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093776.D
Acq: 20 Mar 2017 20:47

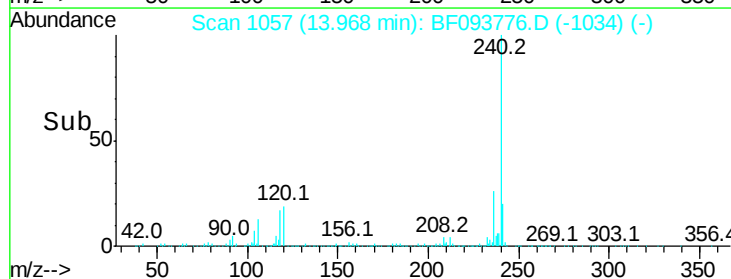
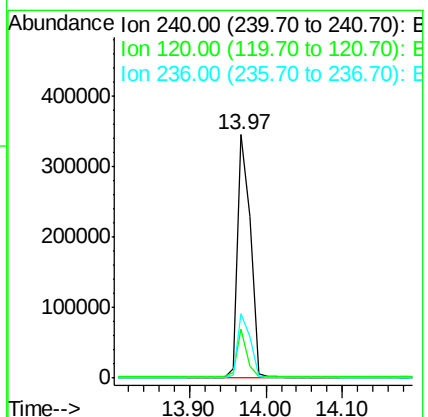
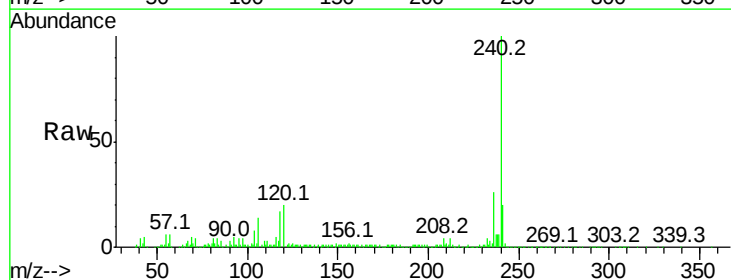
Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

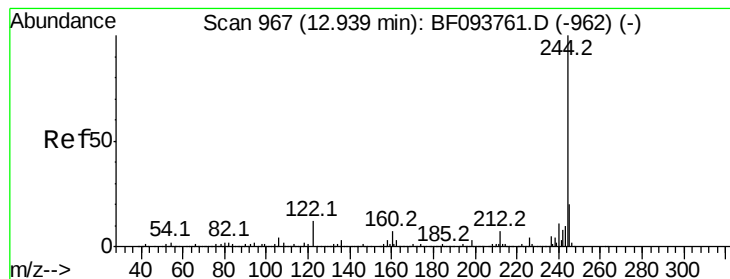
Tot Ion:188 Resp: 679718
Ion Ratio Lower Upper
188 100
94 8.7 9.4 14.2#
80 9.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF093776.D
Acq: 20 Mar 2017 20:47

Tgt Ion:240 Resp: 415442
Ion Ratio Lower Upper
240 100
120 20.1 5.8 8.8#
236 26.2 20.5 30.7





#78

Terphenyl-d14

Concen: 37.74 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093776.D

Acq: 20 Mar 2017 20:47

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

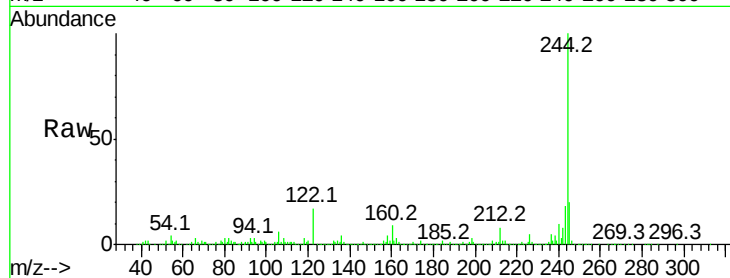
Tot Ion:244 Resp: 769035

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

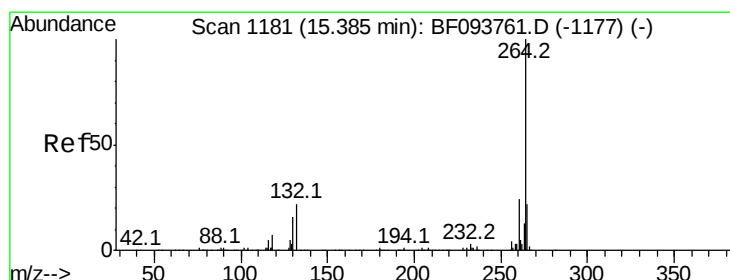
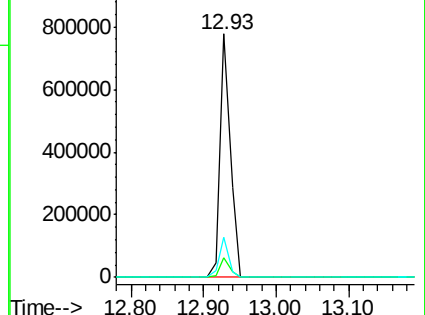
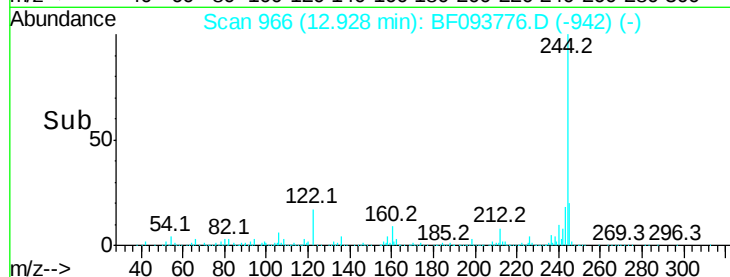
122 16.7 10.3 15.5#



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: BF093776.D

Acq: 20 Mar 2017 20:47

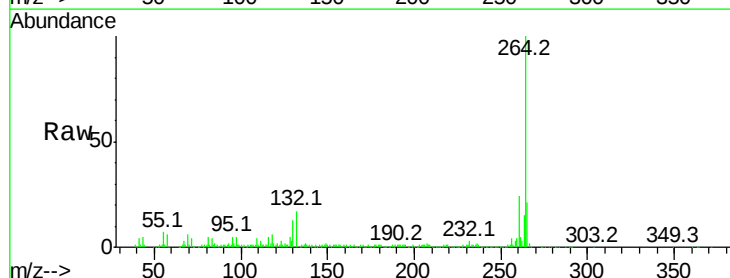
Tgt Ion:264 Resp: 379374

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.8 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

