

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097427.D
 Acq On : 7 Aug 2017 14:04
 Operator : SJ/JU
 Sample : PB101225BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101225BL

Quant Time: Aug 07 16:04:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

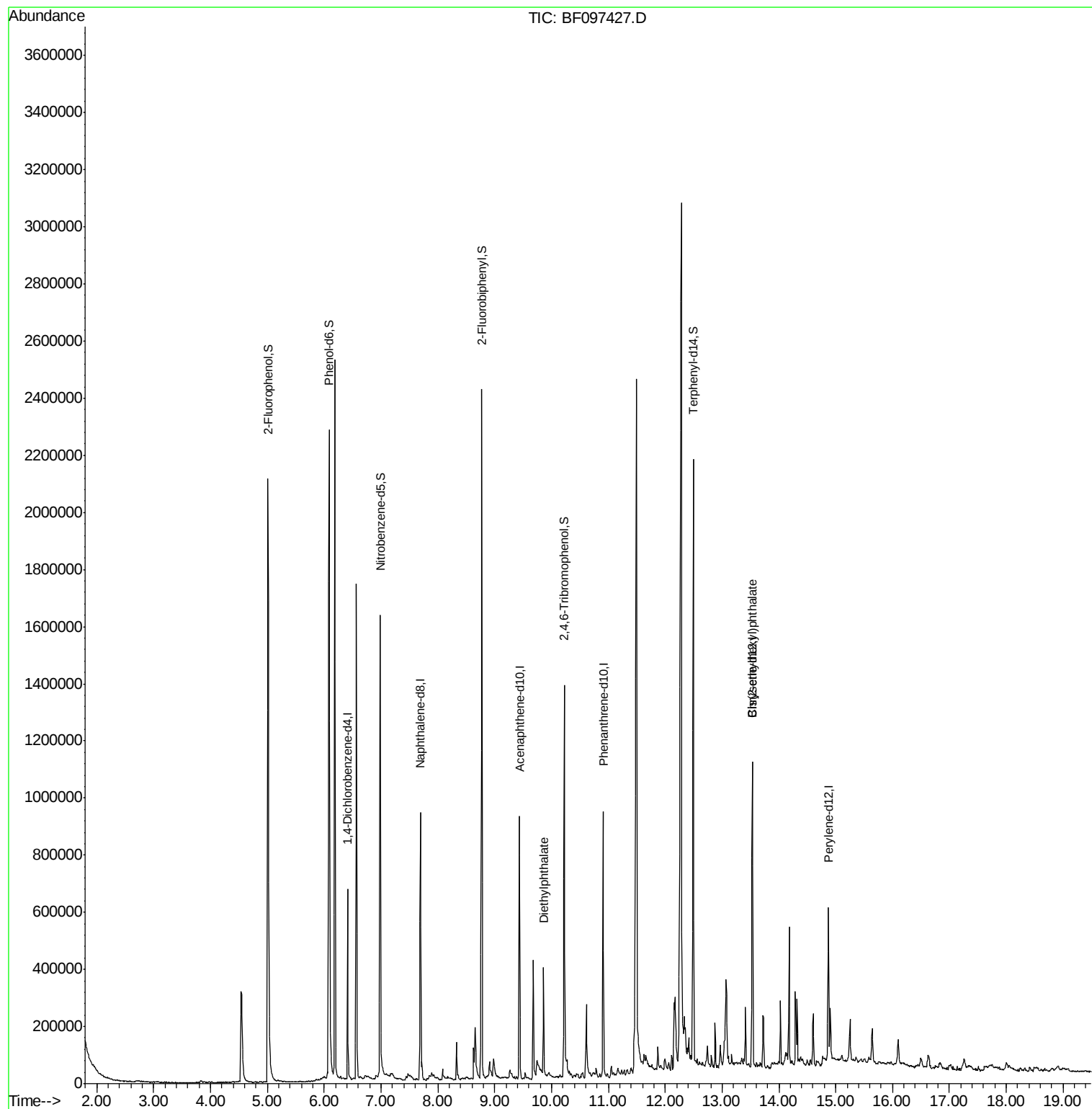
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	99581	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	418201	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	188772	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	326015	20.00	ng	0.00
75) Chrysene-d12	13.53	240	230782	20.00	ng	0.00
86) Perylene-d12	14.87	264	212817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	706100	106.89	ng	0.00
7) Phenol-d6	6.09	99	879208	116.59	ng	0.00
23) Nitrobenzene-d5	6.98	82	544218	76.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	164269	110.14	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	831002	74.71	ng	0.00
78) Terphenyl-d14	12.50	244	699678	61.81	ng	0.00
Target Compounds						
59) Diethylphthalate	9.86	149	132857	10.102	ng	96
83) Bis(2-ethylhexyl)phthalate	13.54	149	113661	9.058	ng	# 99

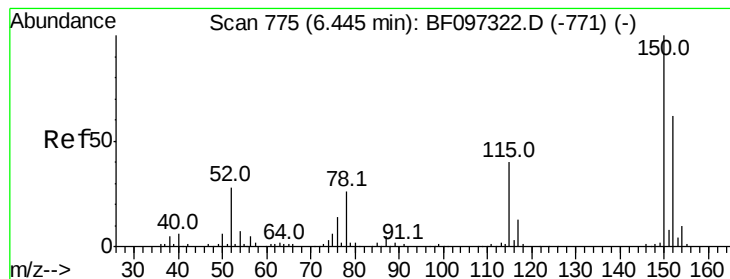
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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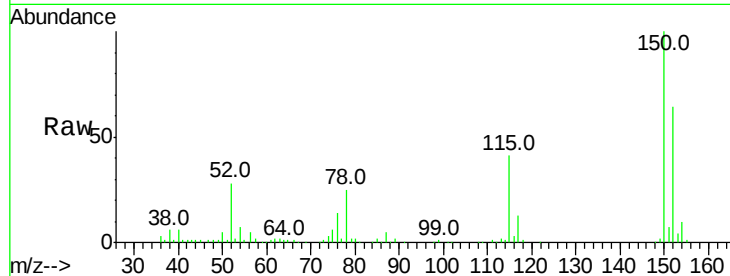


#1

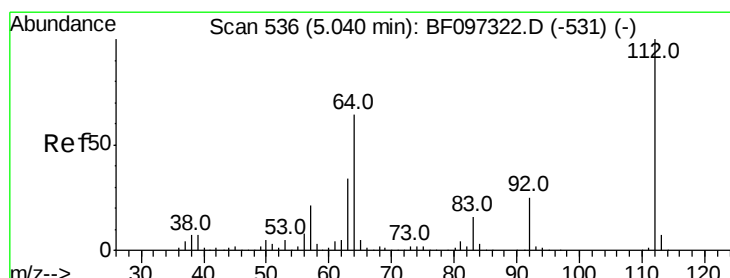
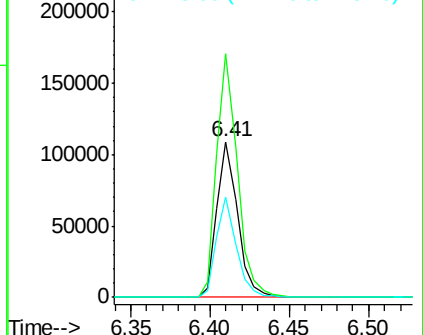
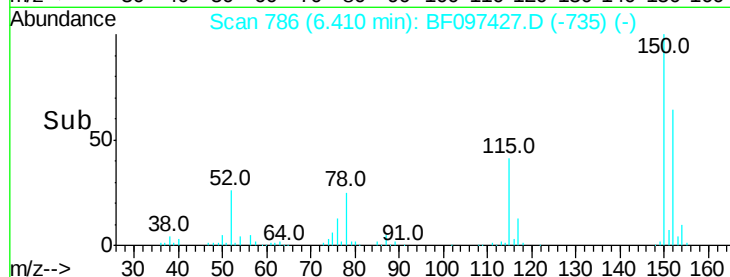
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101225BL

Tot Ion:152 Resp: 99581
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 64.8 52.2 78.2



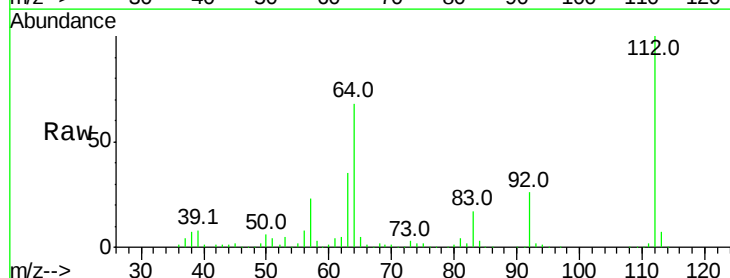
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



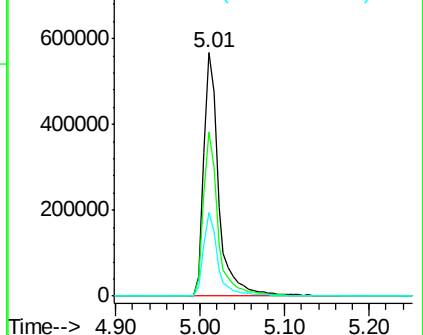
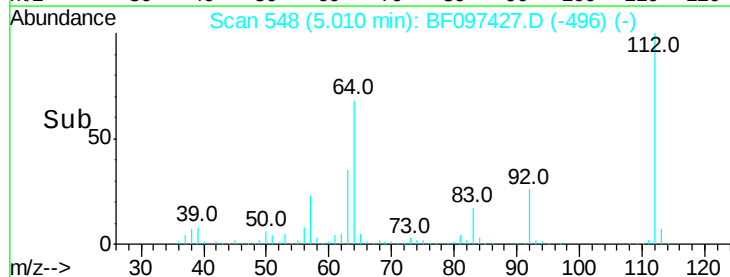
#5

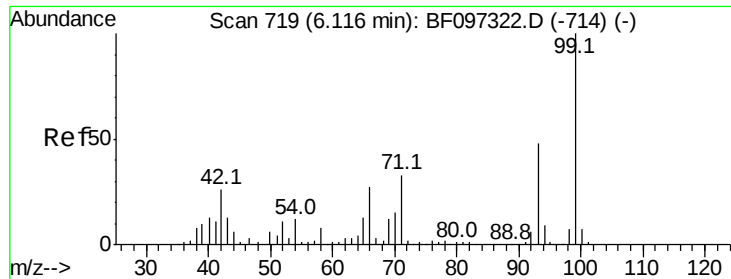
2-Fluorophenol
 Concen: 106.892 ng
 RT: 5.01 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

Tgt Ion:112 Resp: 706100
 Ion Ratio Lower Upper
 112 100
 64 67.7 46.0 69.0
 63 34.6 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: 116.586 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

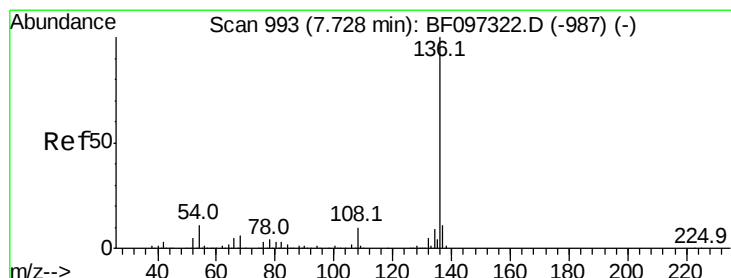
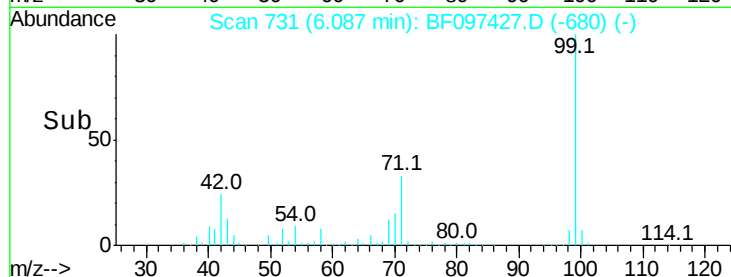
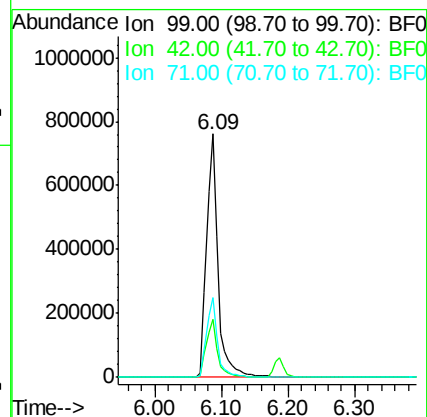
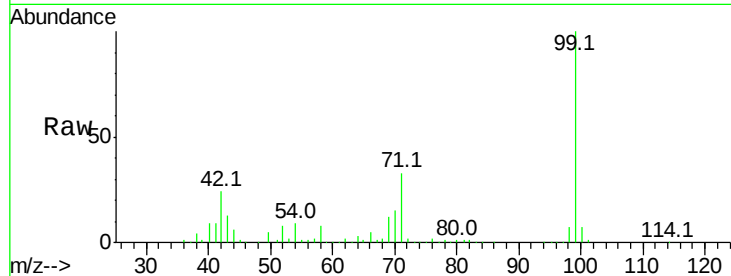
Tot Ion: 99 Resp: 879208

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

71 32.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Tgt Ion:136 Resp: 418201

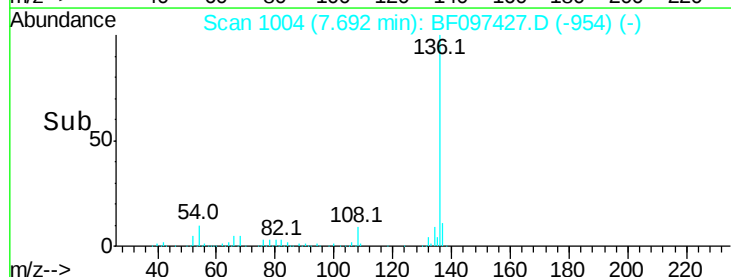
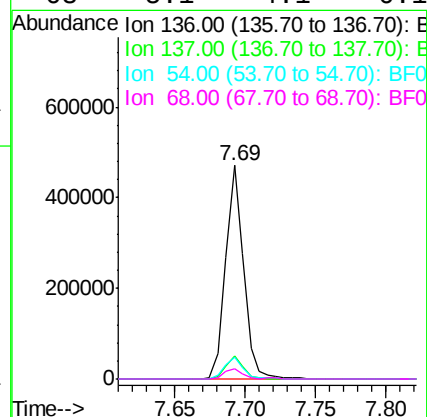
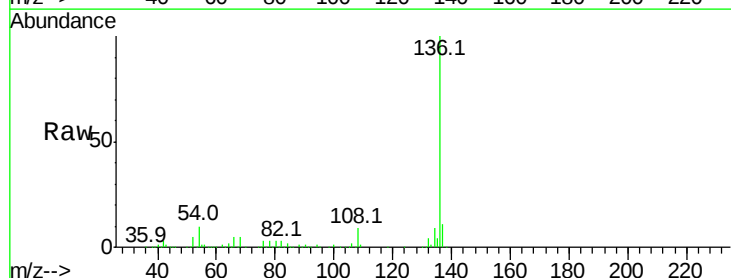
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.0 4.9 7.3#

68 5.1 4.1 6.1

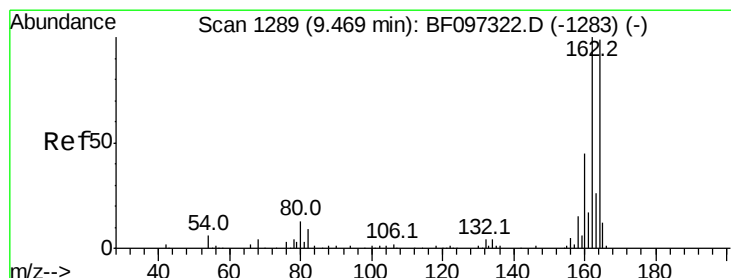
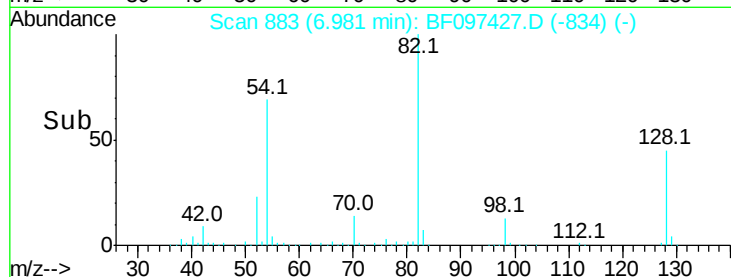
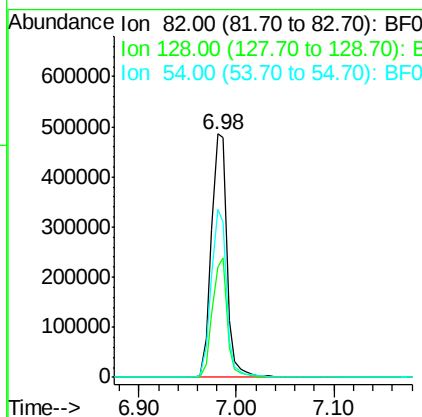
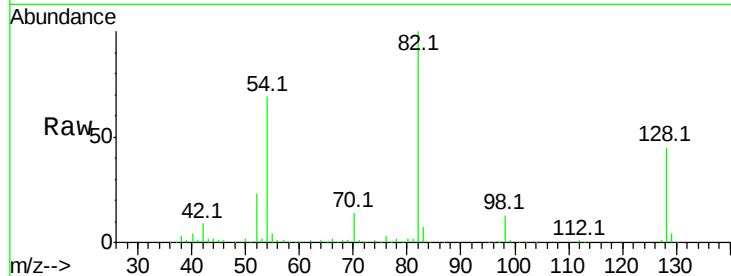




#23
 Nitrobenzene-d5
 Concen: 76.341 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

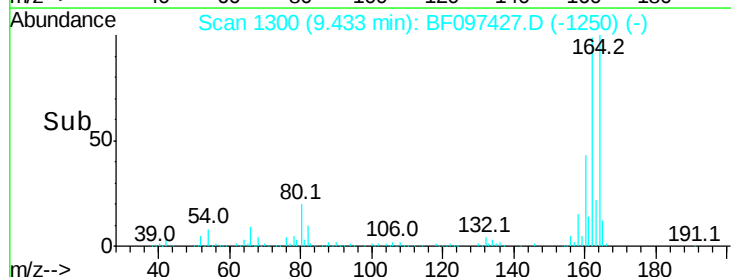
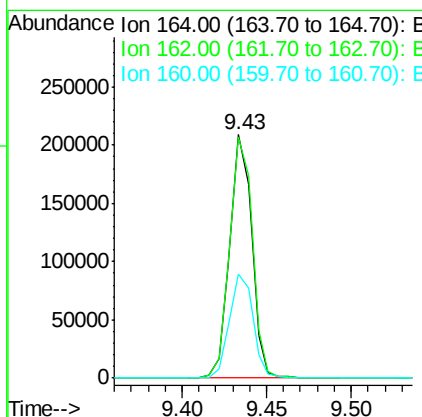
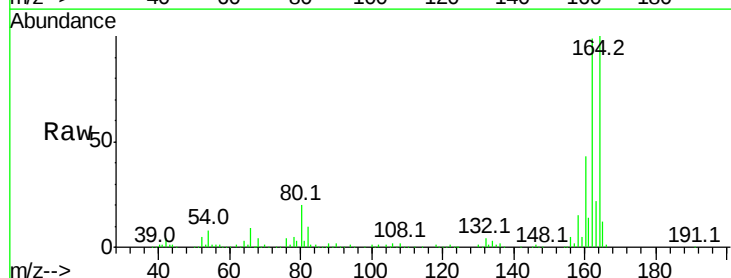
Instrument :
 BNA_F
 ClientSampleId :
 PB101225BL

Tot Ion: 82 Resp: 544218
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 69.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

Tgt Ion:164 Resp: 188772
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.6 123.8
 160 42.9 36.2 54.2

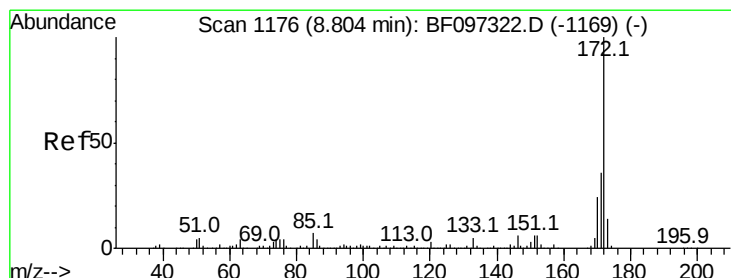
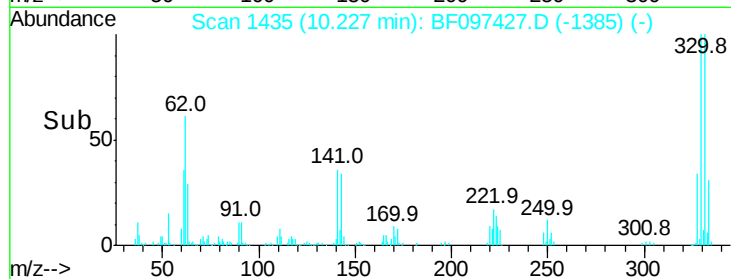
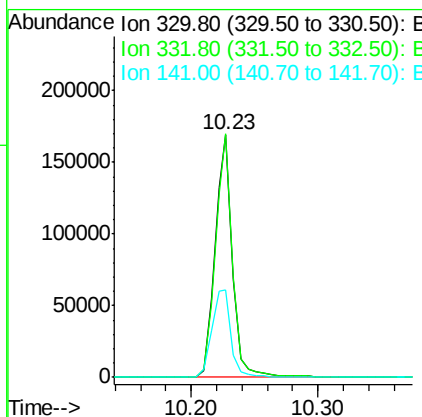
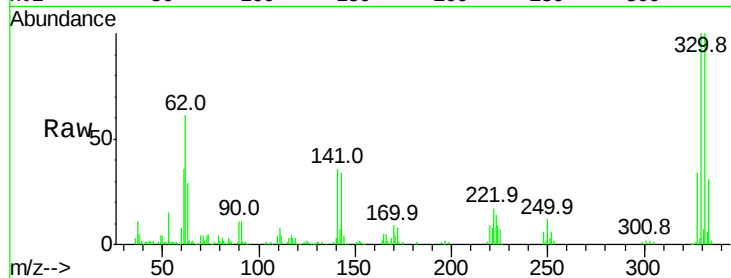




#41
 2,4,6-Tribromophenol
 Concen: 110.138 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

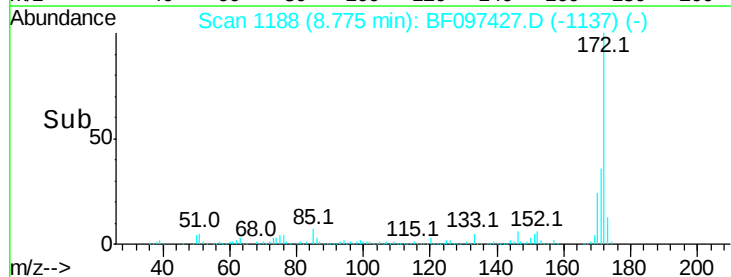
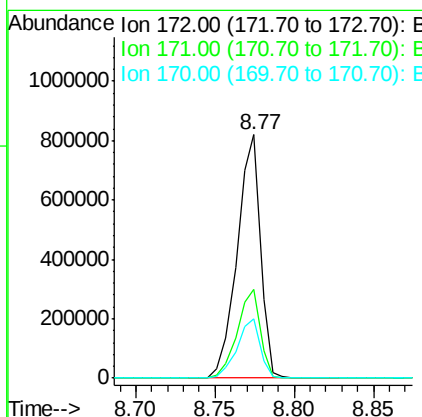
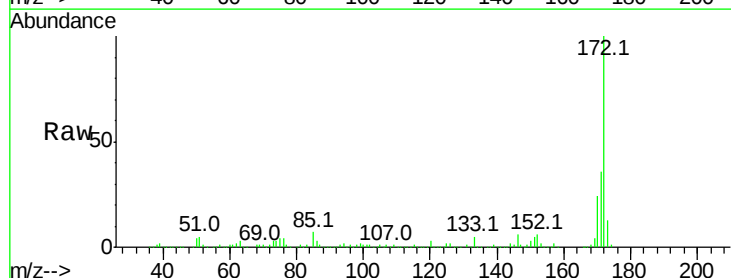
Instrument :
 BNA_F
 ClientSampleId :
 PB101225BL

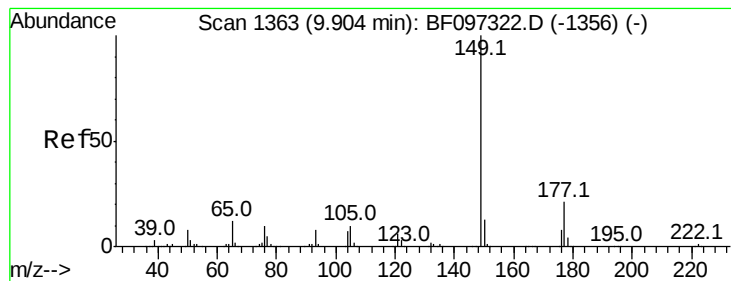
Tot Ion:330 Resp: 164269
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 115.0
 141 40.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 74.709 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097427.D
 Acq: 7 Aug 2017 14:04

Tgt Ion:172 Resp: 831002
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 19.8 29.8





#59

Diethylphthalate

Concen: 10.102 ng

RT: 9.86 min Scan# 1372

Delta R.T. -0.03 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

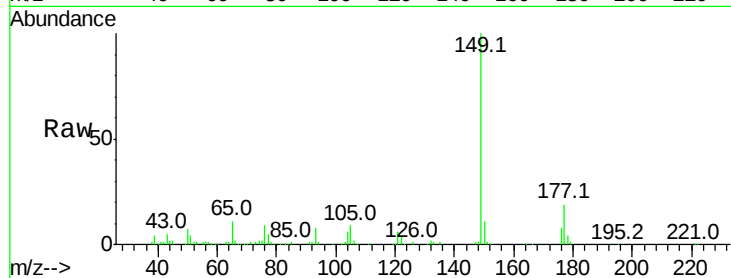
Tot Ion:149 Resp: 132857

Ion Ratio Lower Upper

149 100

177 18.7 16.7 25.1

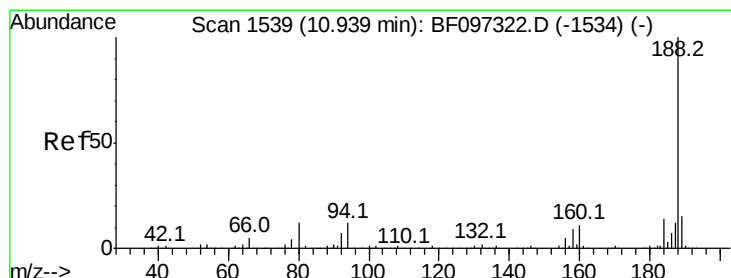
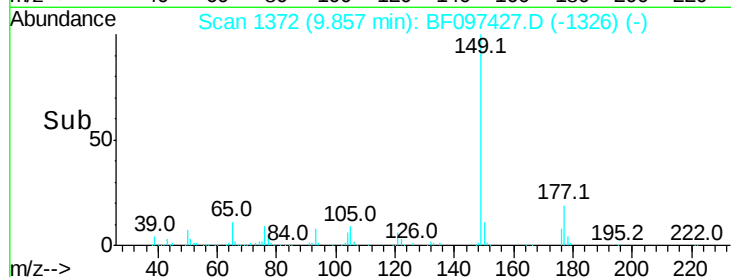
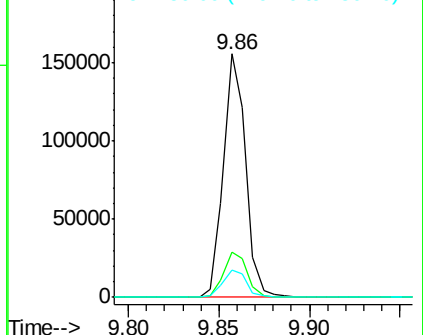
150 11.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

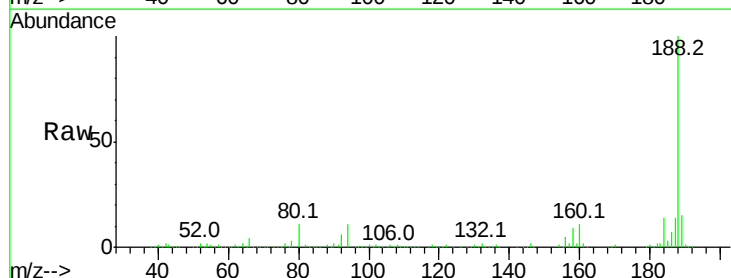
Tgt Ion:188 Resp: 326015

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

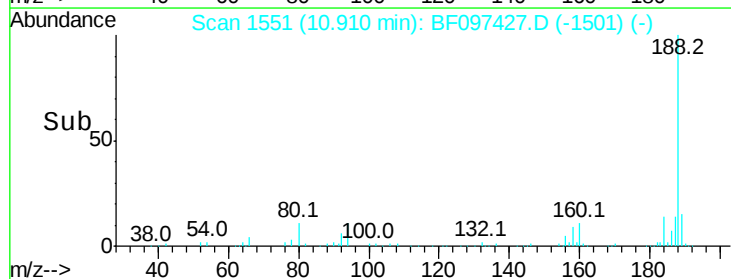
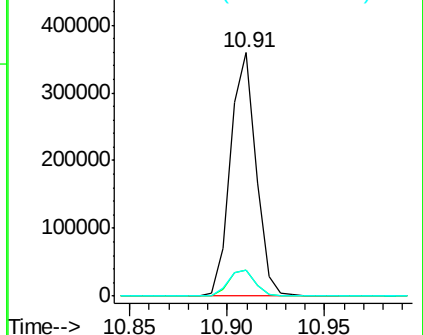
80 10.8 10.2 15.2

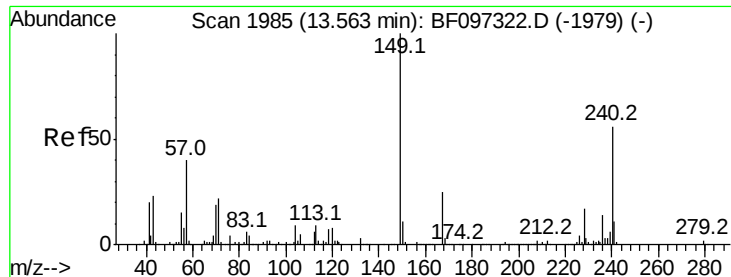


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

PB101225BL

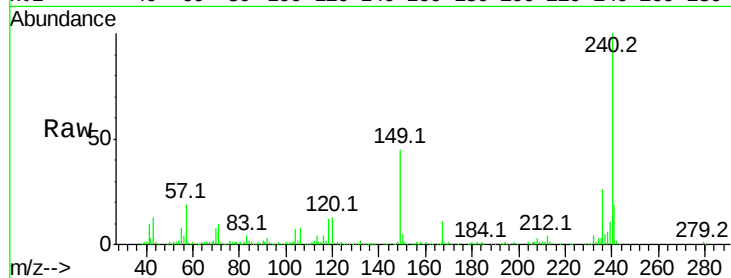
Tot Ion:240 Resp: 230782

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

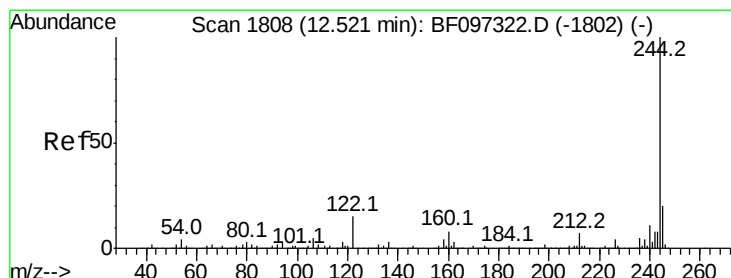
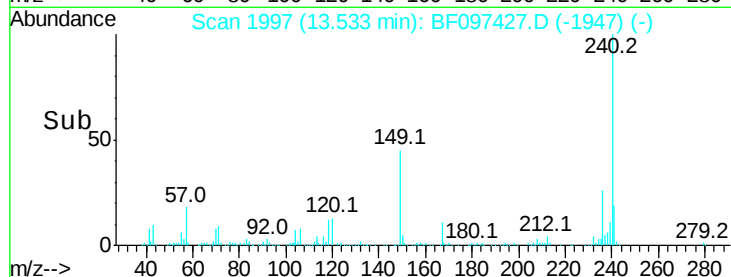
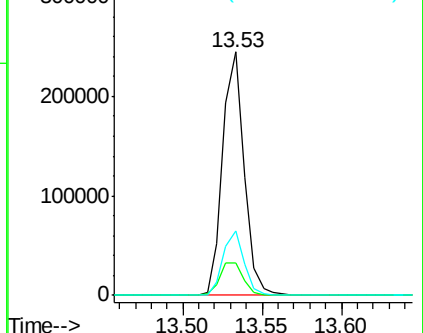
236 26.3 20.5 30.7



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: 61.813 ng

RT: 12.50 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

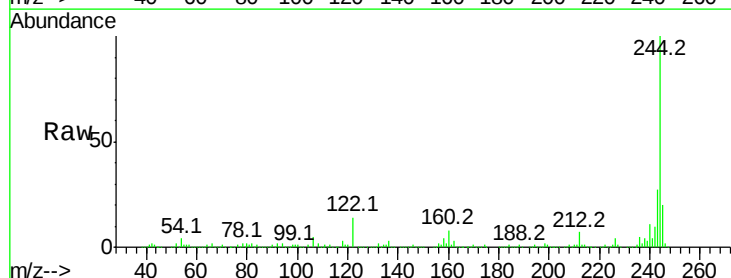
Tgt Ion:244 Resp: 699678

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

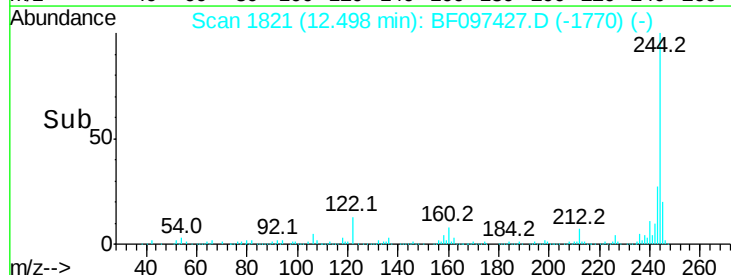
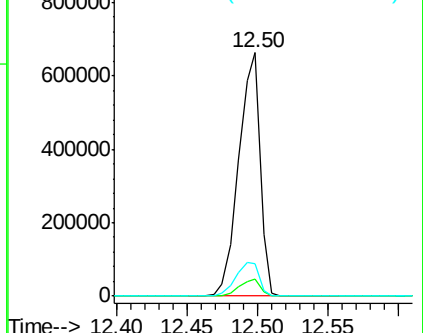
122 13.6 10.3 15.5

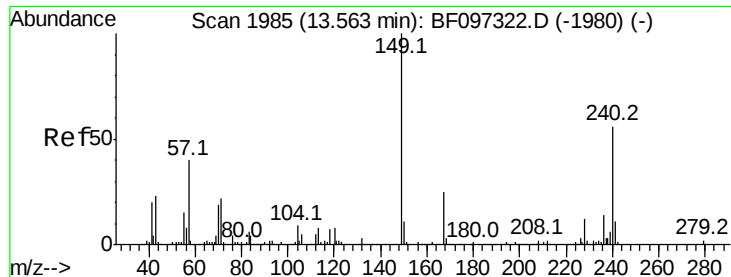


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.058 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

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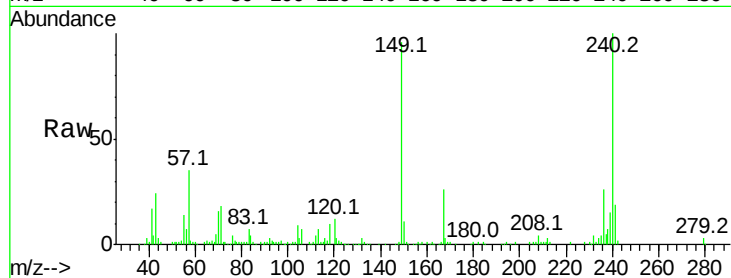
Tot Ion:149 Resp: 113661

Ion Ratio Lower Upper

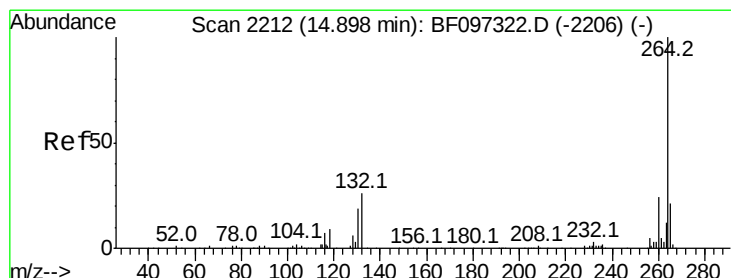
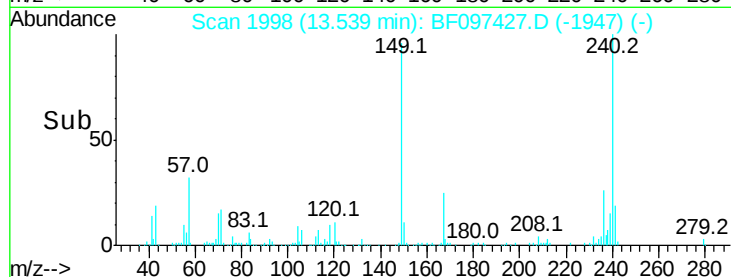
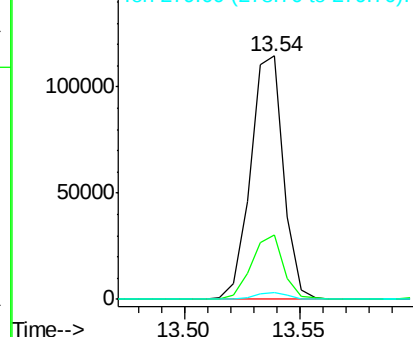
149 100

167 26.6 21.0 31.4

279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097427.D

Acq: 7 Aug 2017 14:04

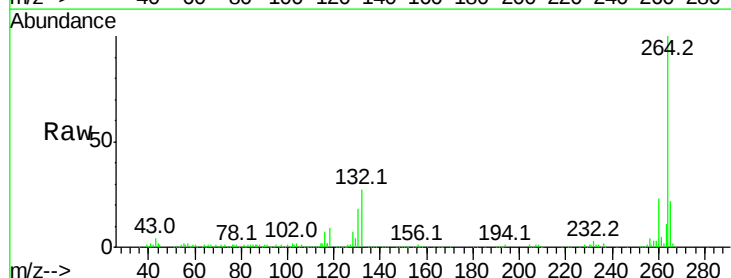
Tgt Ion:264 Resp: 212817

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.9 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

