

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078880.D
 Acq On : 1 May 2015 6:49
 Operator : TP/IZ
 Sample : G2032-07 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4(0-2)

Quant Time: May 01 07:35:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 07:00:39 2015
 Response via : Initial Calibration

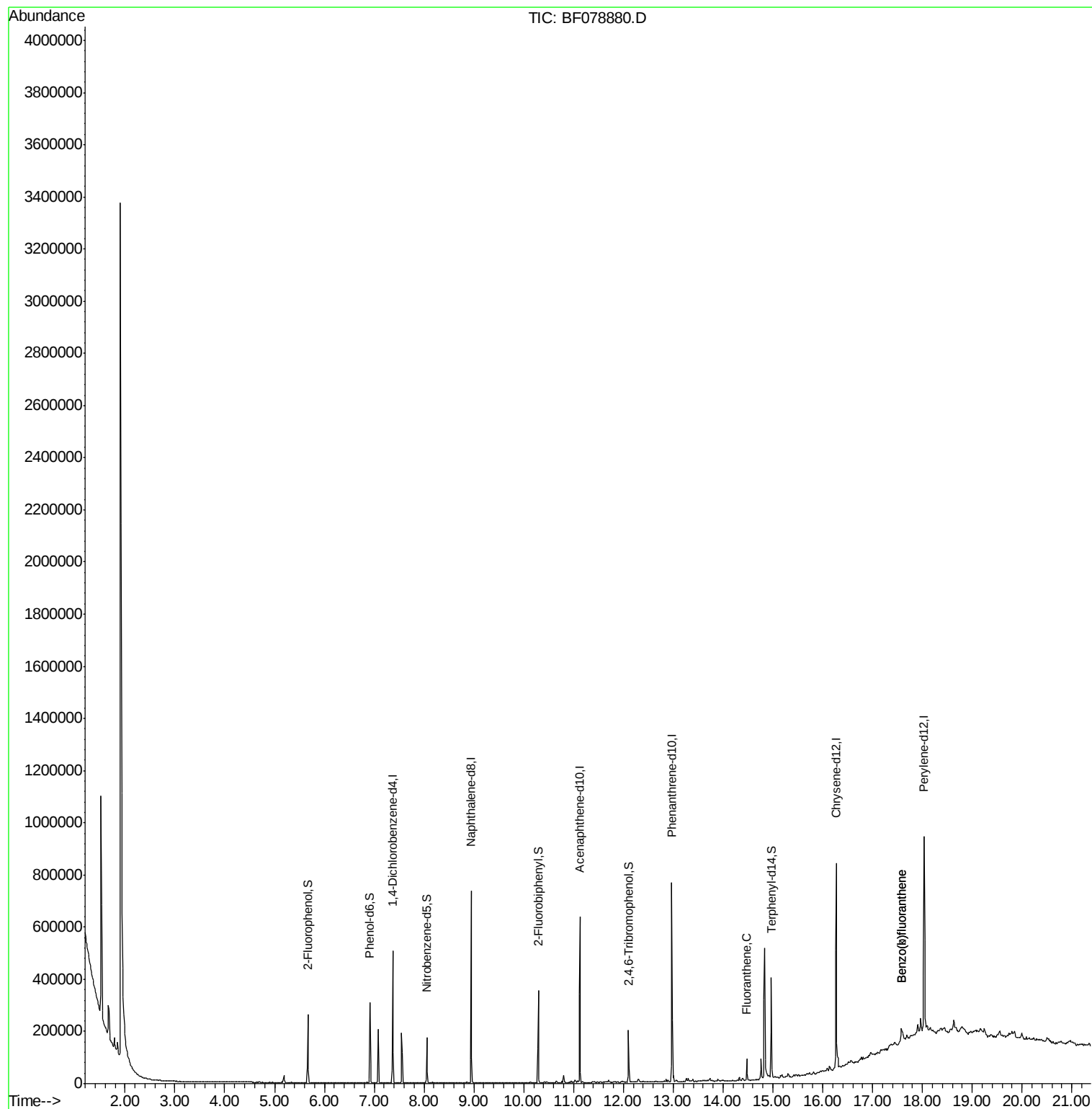
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	73608	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	309826	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	146971	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	285696	20.00	ng	0.00
75) Chrysene-d12	16.27	240	322388	20.00	ng	0.00
86) Perylene-d12	18.03	264	345828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	72994	17.07	ng	0.00
7) Phenol-d6	6.91	99	99603	17.62	ng	0.00
23) Nitrobenzene-d5	8.06	82	53272	9.88	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	23532	14.80	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	117793	11.17	ng	0.00
78) Terphenyl-d14	14.97	244	140432	10.43	ng	0.00
Target Compounds						
74) Fluoranthene	14.48	202	35843	2.15	ng	Qvalue 99
87) Benzo(b)fluoranthene	17.58	252	43471	2.30	ng	# 96
88) Benzo(k)fluoranthene	17.58	252	44320	2.42	ng	97

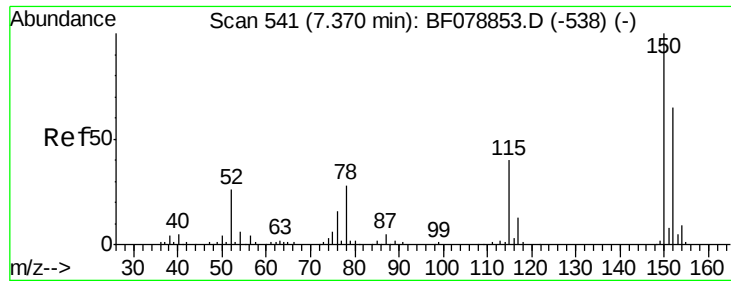
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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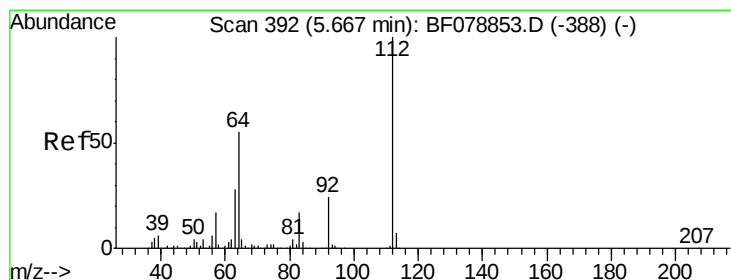
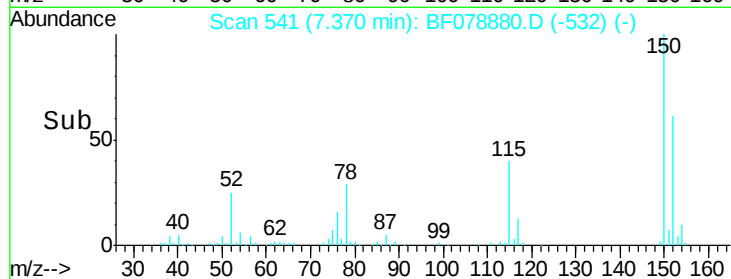
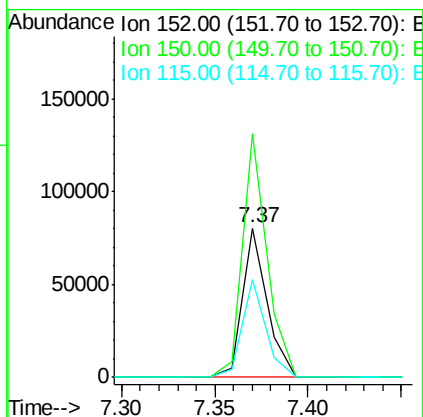
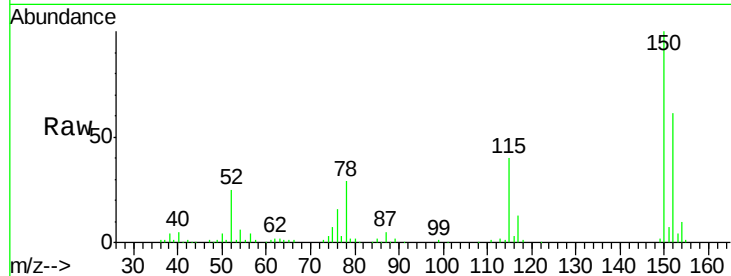


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Instrument :
BNA_F
ClientSampleId :
B4(0-2)

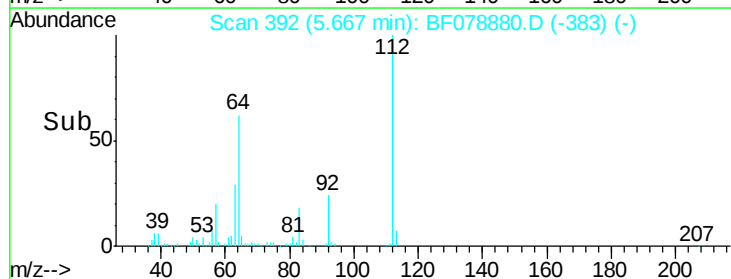
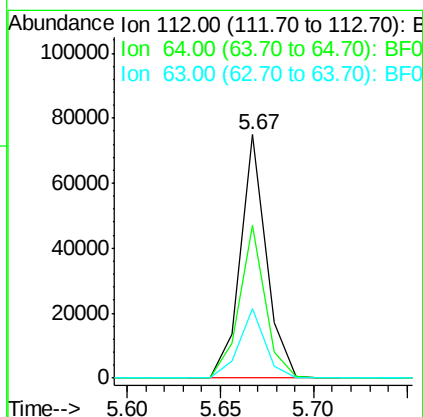
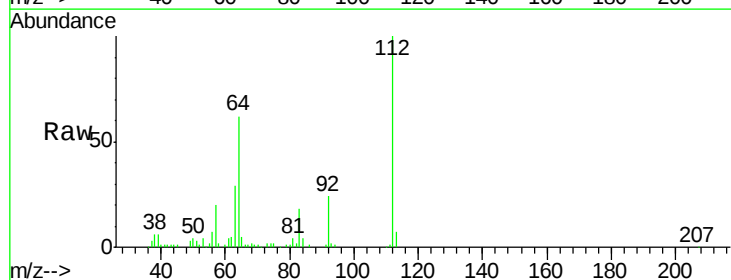
Tgt Ion:152 Resp: 73608
Ion Ratio Lower Upper
152 100
150 163.3 122.0 183.0
115 65.5 46.3 69.5



#5

2-Fluorophenol
Concen: 17.07 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion:112 Resp: 72994
Ion Ratio Lower Upper
112 100
64 62.5 53.5 80.3
63 28.5 27.5 41.3





#7

Phenol-d6

Concen: 17.62 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Instrument :

BNA_F

ClientSampleId :

B4(0-2)

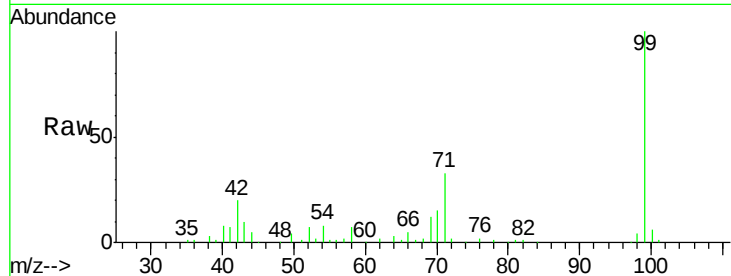
Tgt Ion: 99 Resp: 99603

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

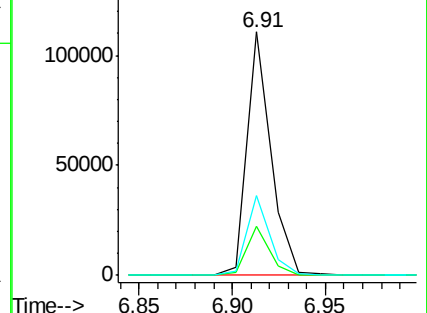
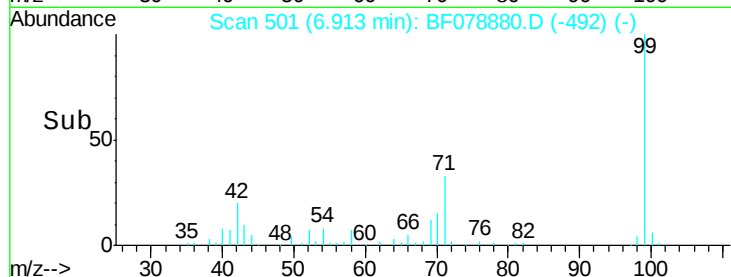
71 32.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078880.D (-492) (-)

Ion 42.00 (41.70 to 42.70): BF078880.D (-492) (-)

Ion 71.00 (70.70 to 71.70): BF078880.D (-492) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Tgt Ion: 136 Resp: 309826

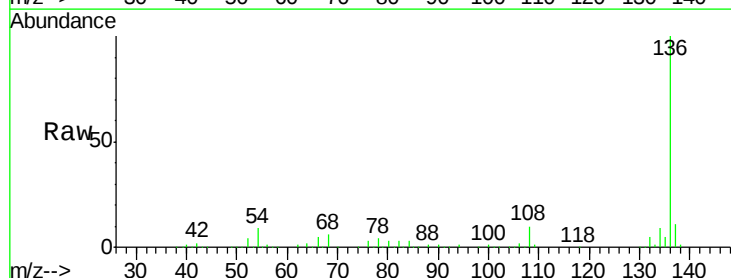
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.6 5.8 8.8

68 6.3 4.2 6.4

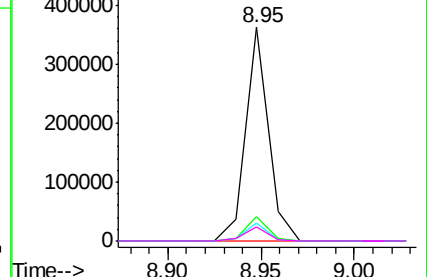
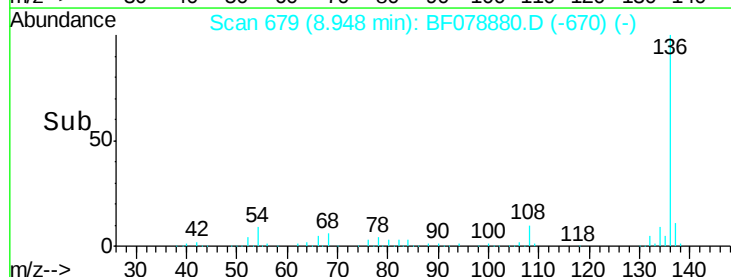


Abundance Ion 136.00 (135.70 to 136.70): BF078880.D (-670) (-)

Ion 137.00 (136.70 to 137.70): BF078880.D (-670) (-)

Ion 54.00 (53.70 to 54.70): BF078880.D (-670) (-)

Ion 68.00 (67.70 to 68.70): BF078880.D (-670) (-)

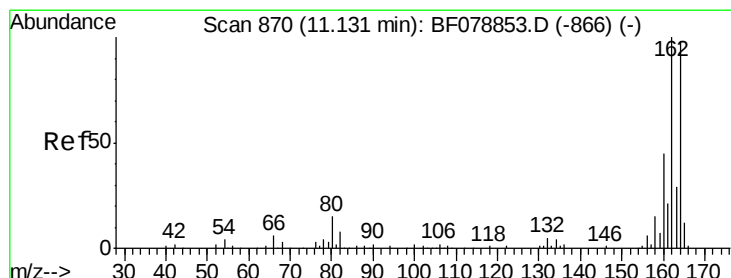
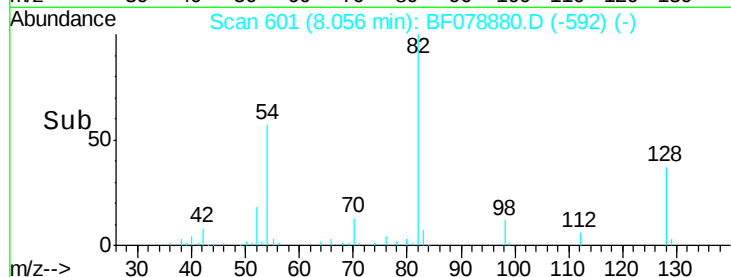
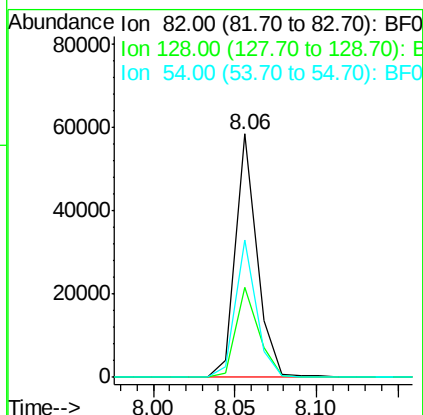
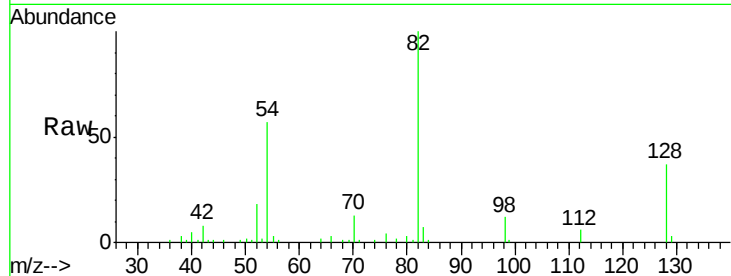




#23
 Nitrobenzene-d5
 Concen: 9.88 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

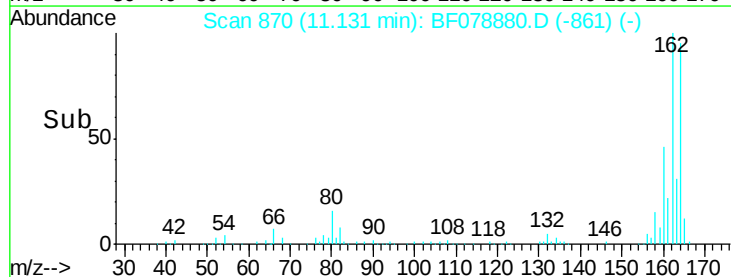
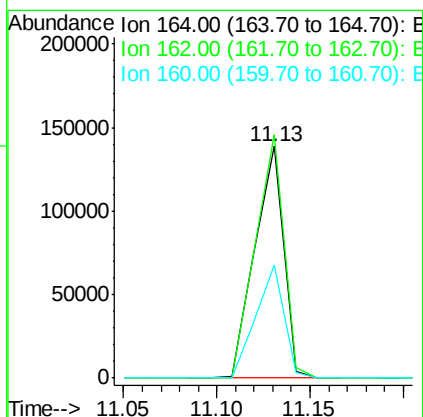
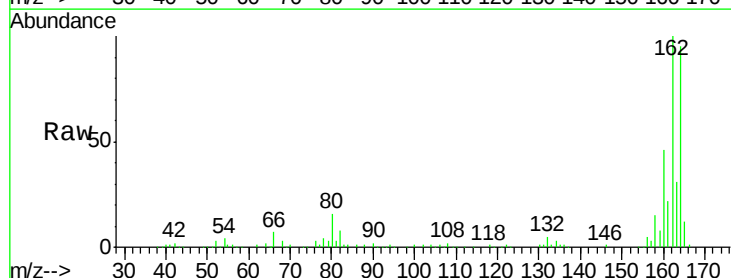
Instrument :
 BNA_F
 ClientSampleId :
 B4(0-2)

Tgt Ion: 82 Resp: 53272
 Ion Ratio Lower Upper
 82 100
 128 37.0 30.0 45.0
 54 56.6 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

Tgt Ion: 164 Resp: 146971
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.7 124.1
 160 48.7 35.8 53.8

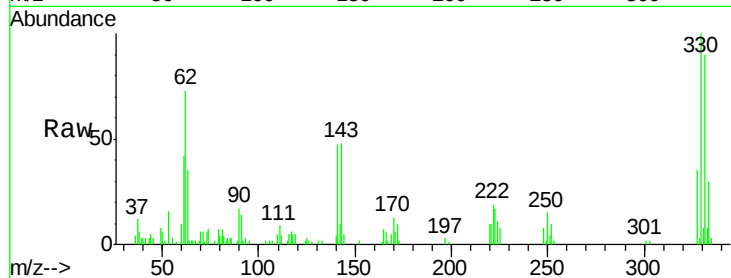




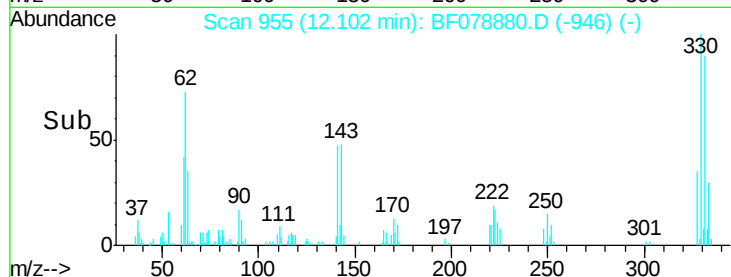
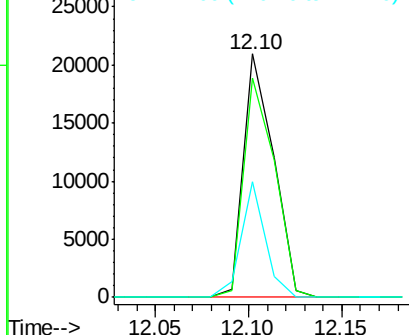
#41
 2,4,6-Tribromophenol
 Concen: 14.80 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

Instrument :
 BNA_F
 ClientSampleId :
 B4(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.9	0.0	0.0#
141	38.2	0.0	0.0#

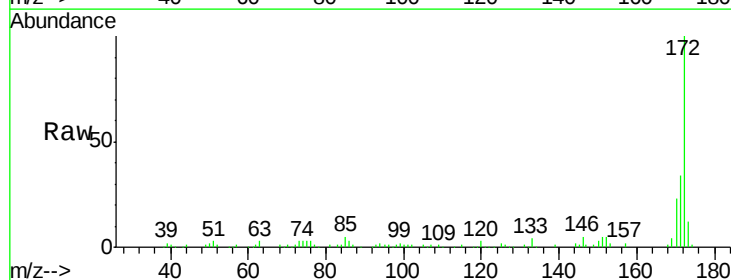


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

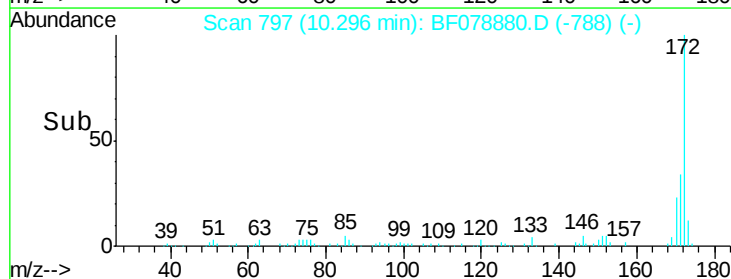
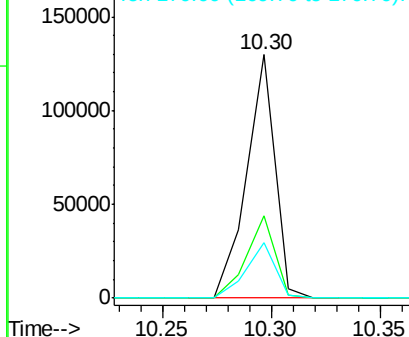


#44
 2-Fluorobiphenyl
 Concen: 11.17 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	22.9	19.4	29.0



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

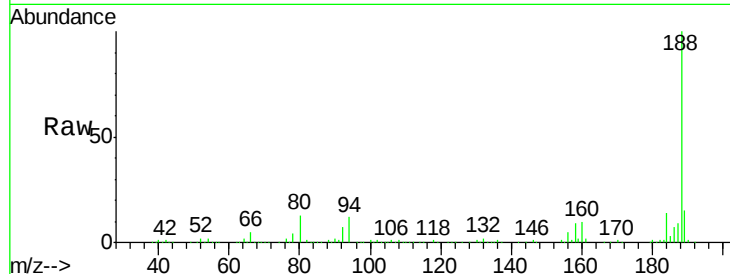




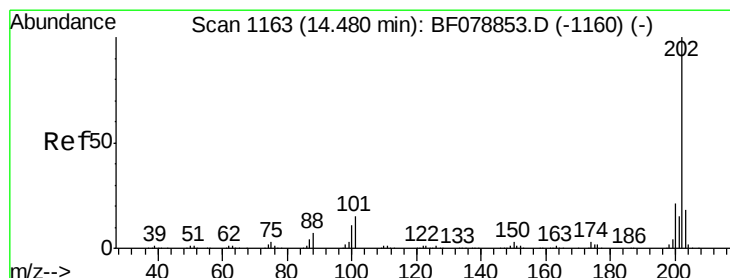
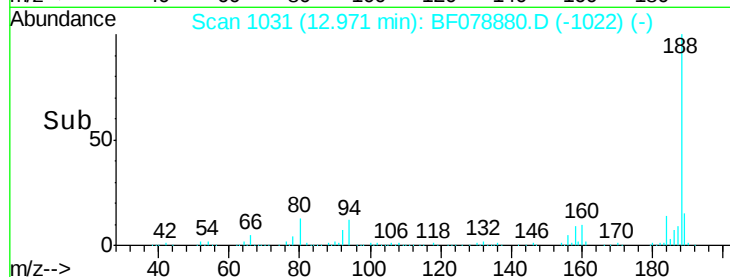
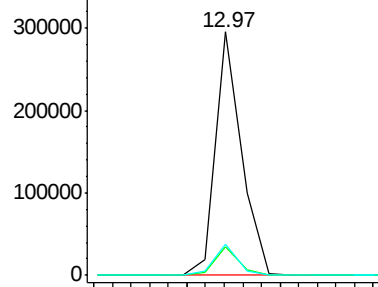
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Instrument :
BNA_F
ClientSampleId :
B4(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	285696		
94	11.7		8.2	12.2
80	12.9		8.9	13.3

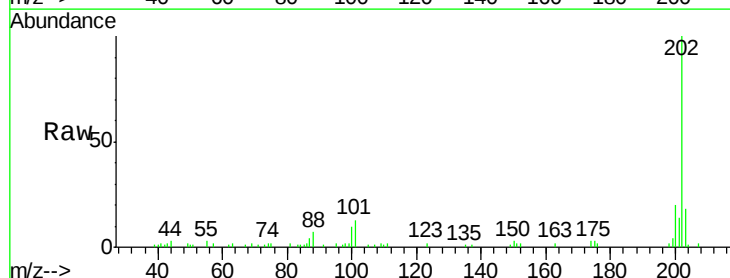


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

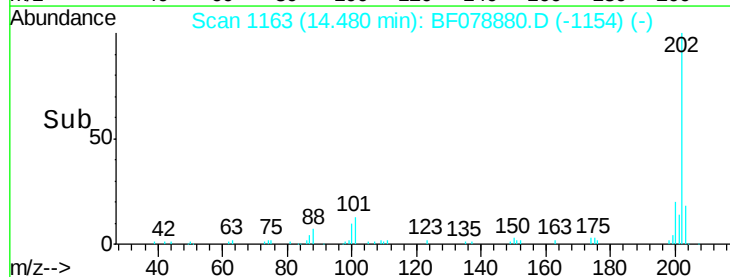
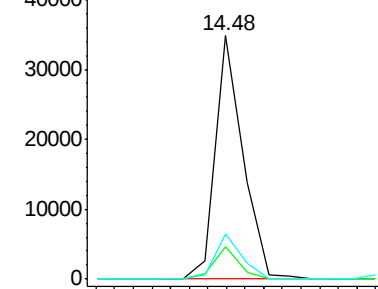


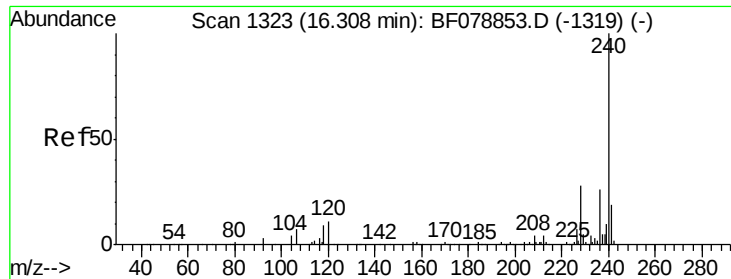
#74
Fluoranthene
Concen: 2.15 ng
RT: 14.48 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	35843		
101	13.4		0.0	34.6
203	18.4		0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

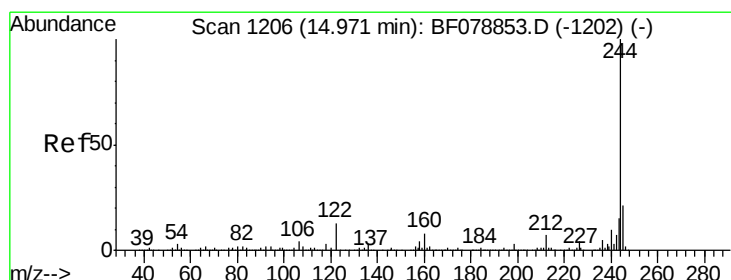
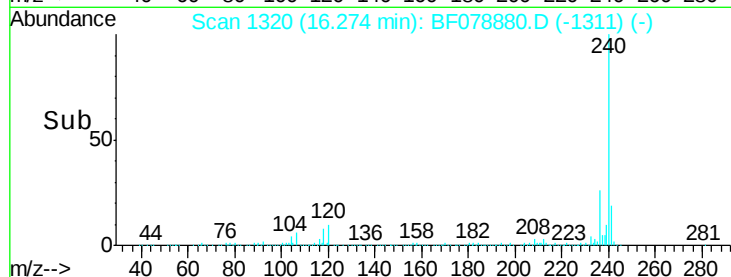
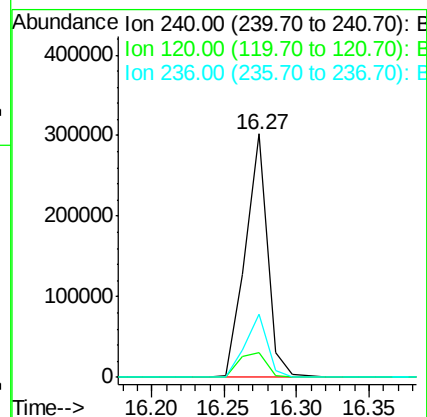
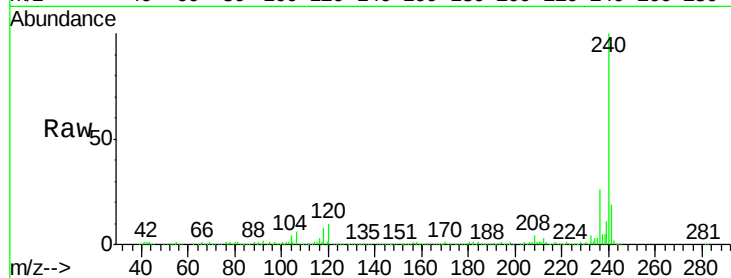




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

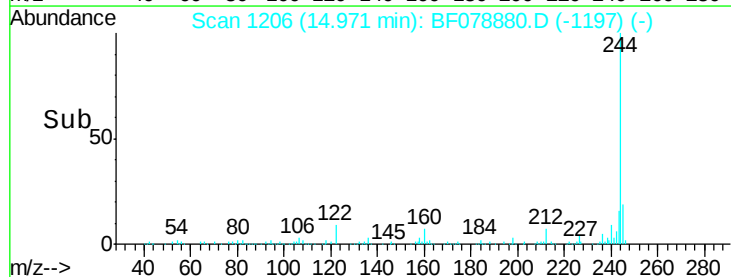
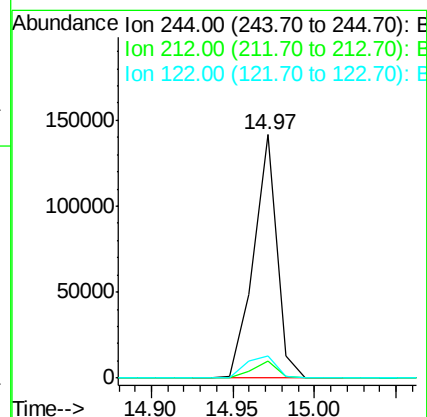
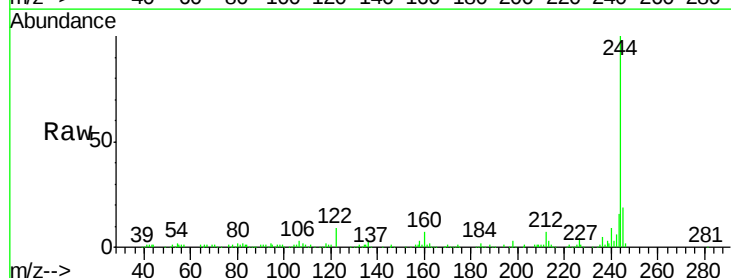
Instrument :
BNA_F
ClientSampleId :
B4(0-2)

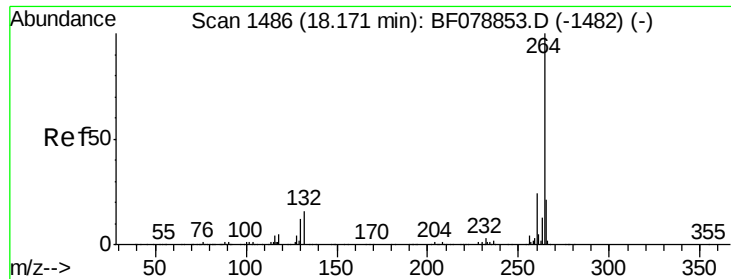
Tgt Ion:240 Resp: 322388
Ion Ratio Lower Upper
240 100
120 10.0 9.7 14.5
236 25.8 20.2 30.4



#78
Terphenyl-d14
Concen: 10.43 ng
RT: 14.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion:244 Resp: 140432
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.1 10.3 15.5#

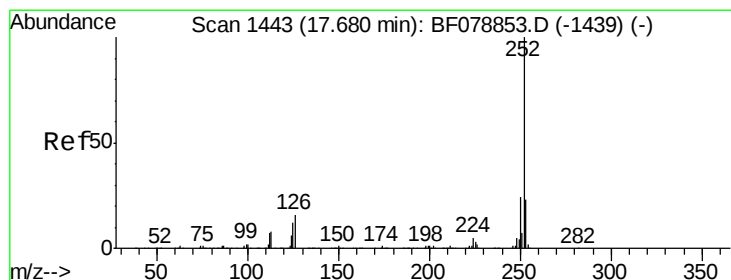
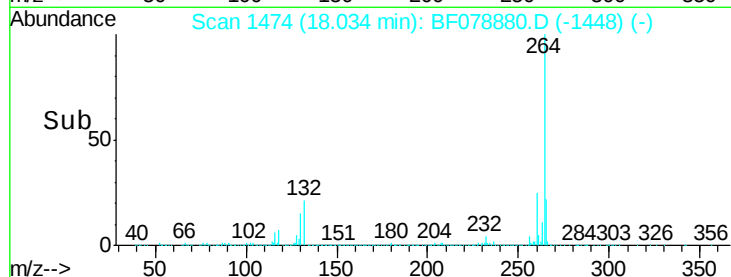
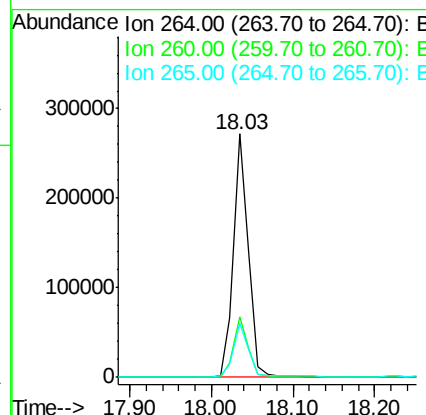
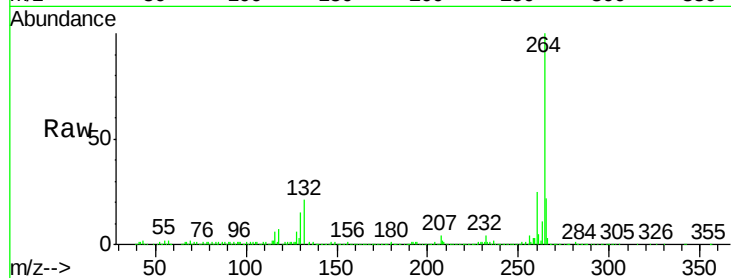




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.03 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

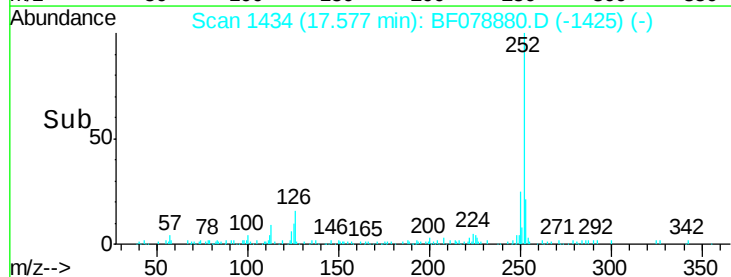
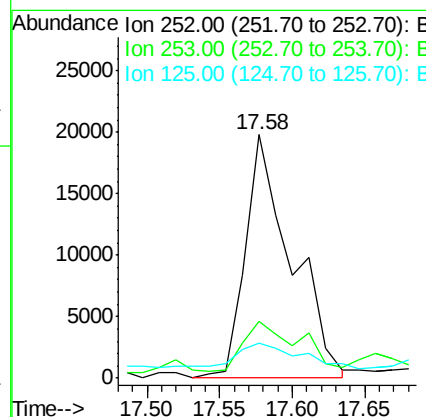
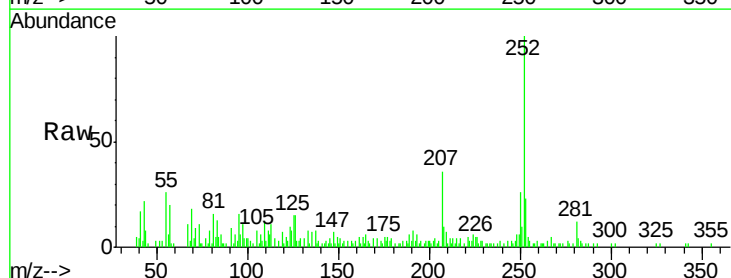
Instrument :
BNA_F
ClientSampleId :
B4(0-2)

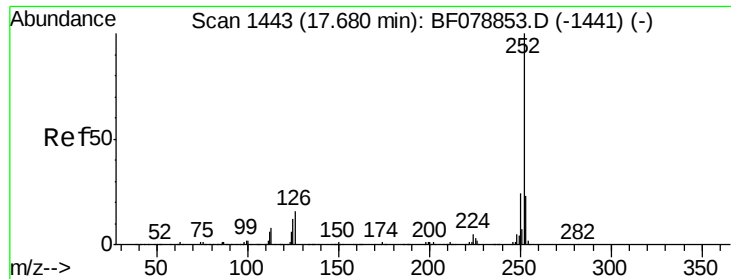
Tgt Ion:264 Resp: 345828
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 22.2 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 17.58 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion:252 Resp: 43471
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 14.5 9.5 14.3#





#88

Benzo(k)fluoranthene

Concen: 2.42 ng

RT: 17.58 min Scan# 1434

Delta R.T. -0.03 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Instrument :

BNA_F

ClientSampleId :

B4(0-2)

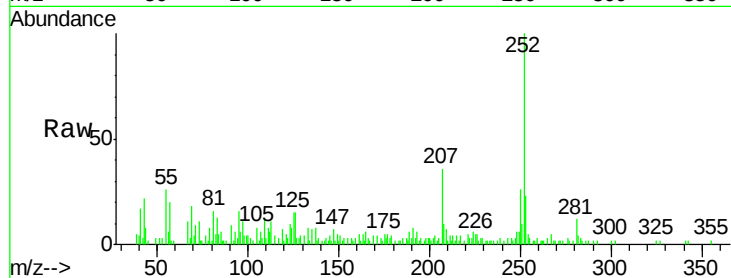
Tgt Ion: 252 Resp: 44320

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 14.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

