

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080088.D
 Acq On : 20 Jun 2015 8:23
 Operator : TP/IZ
 Sample : G2699-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Quant Time: Jun 22 00:57:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

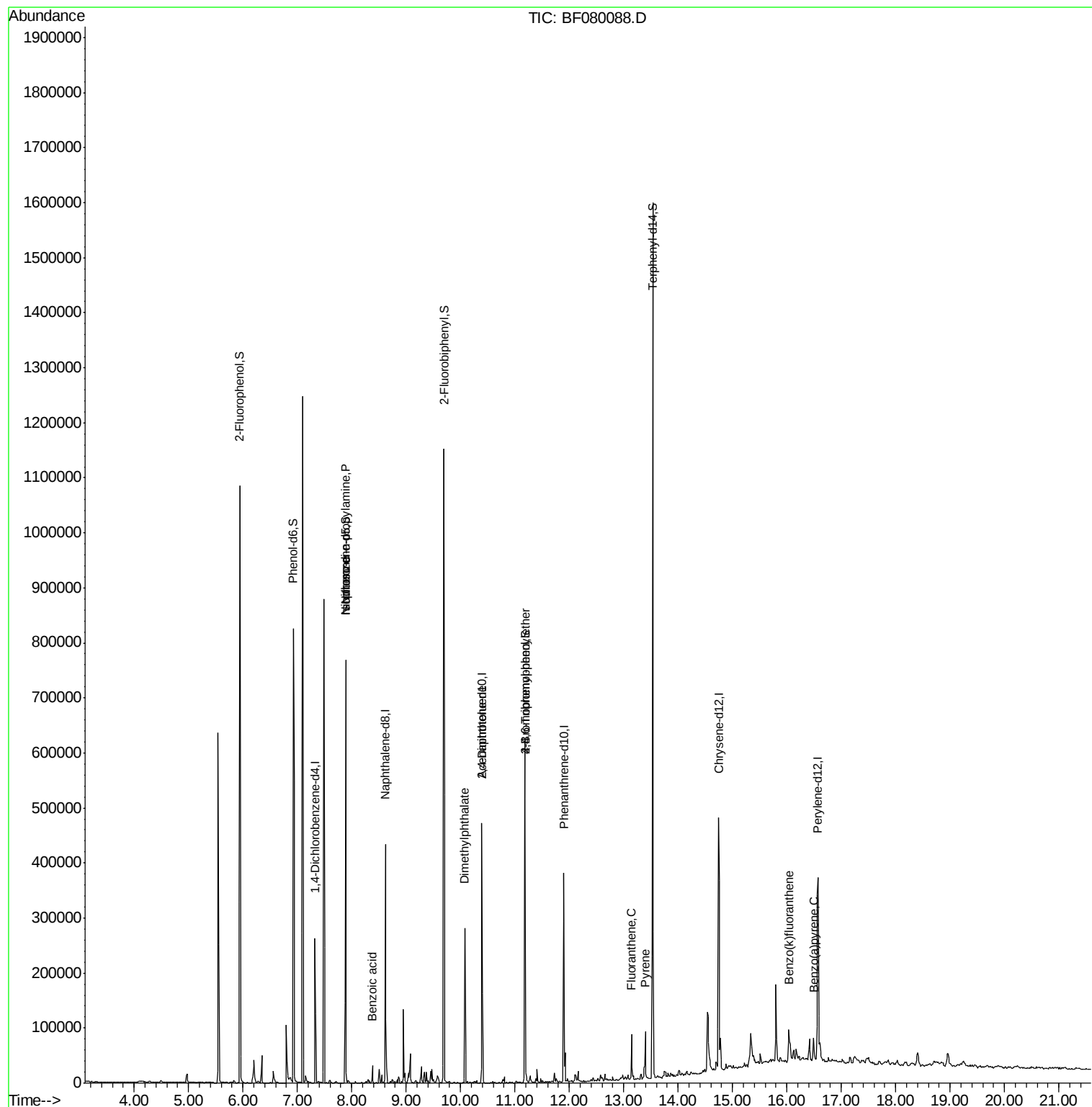
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44028	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	185714	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	94187	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	190729	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	211550	20.00	ng	-0.11
86) Perylene-d12	16.57	264	210091	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	287328	115.52	ng	0.00
7) Phenol-d6	6.93	99	353037	106.67	ng	-0.01
23) Nitrobenzene-d5	7.89	82	222241	69.67	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	96105	104.35	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	397982	60.26	ng	-0.01
78) Terphenyl-d14	13.53	244	501191	55.33	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	28995	12.62	ng	# 59
25) Isophorone	7.89	82	222232	34.62	ng	# 58
32) Benzoic acid	8.38	122	5750	3.31	ng	# 28
49) Dimethylphthalate	10.08	163	107792	15.22	ng	# 97
56) 2,4-Dinitrotoluene	10.39	165	12248	6.80	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	6558	3.23	ng	# 1
74) Fluoranthene	13.14	202	34271	2.79	ng	93
77) Pyrene	13.40	202	34449	2.64	ng	96
88) Benzo(k)fluoranthene	16.04	252	52773	4.07	ng	# 89
89) Benzo(a)pyrene	16.49	252	30531	2.53	ng	# 86

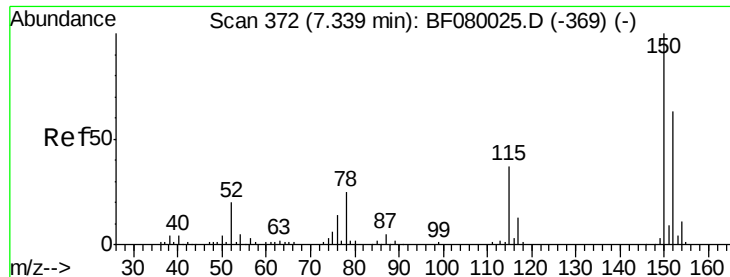
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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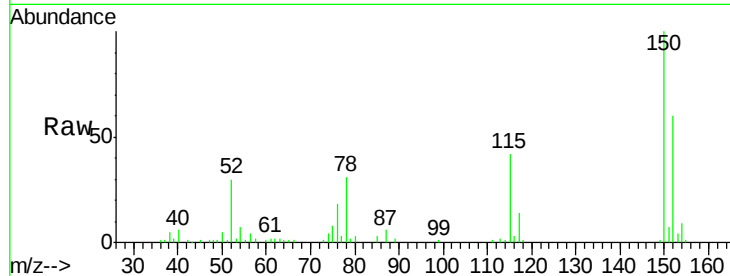


#1

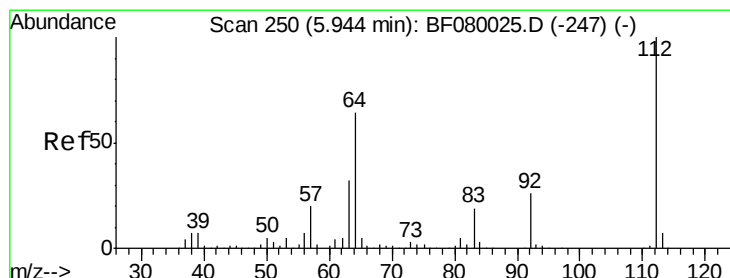
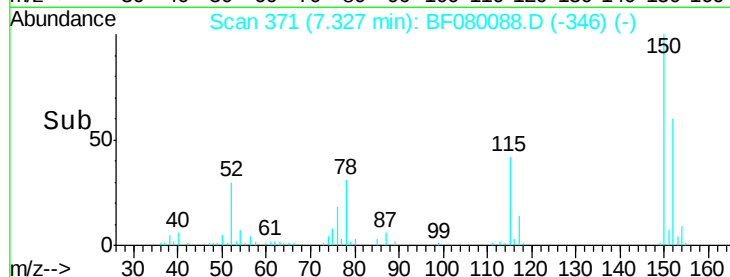
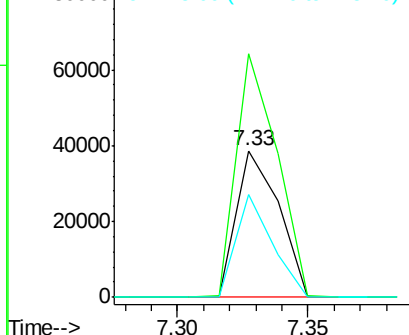
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:152 Resp: 44028
Ion Ratio Lower Upper
152 100
150 166.3 124.7 187.1
115 69.9 39.0 58.4#



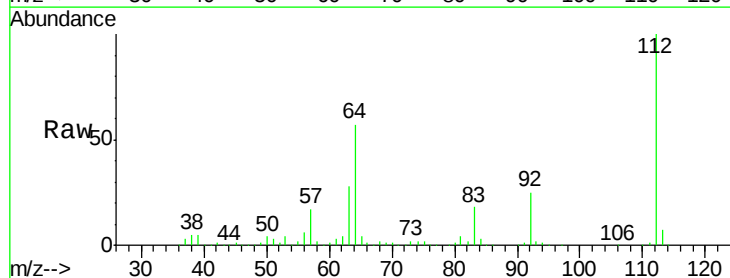
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



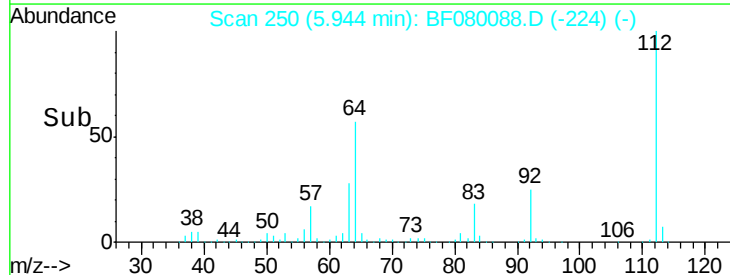
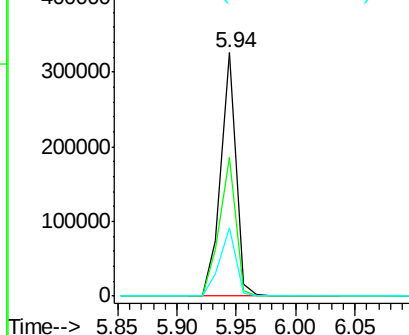
#5

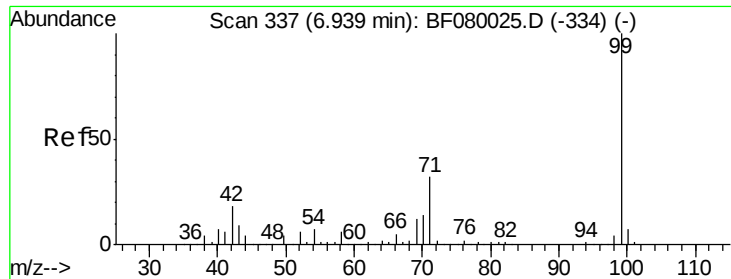
2-Fluorophenol
Concen: 115.52 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion:112 Resp: 287328
Ion Ratio Lower Upper
112 100
64 57.1 39.7 59.5
63 28.3 17.4 26.0#



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: 106.67 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Instrument :

BNA_F

ClientSampleId :

LAR9819

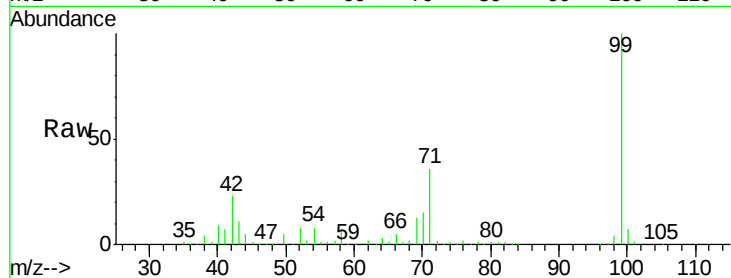
Tgt Ion: 99 Resp: 353037

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

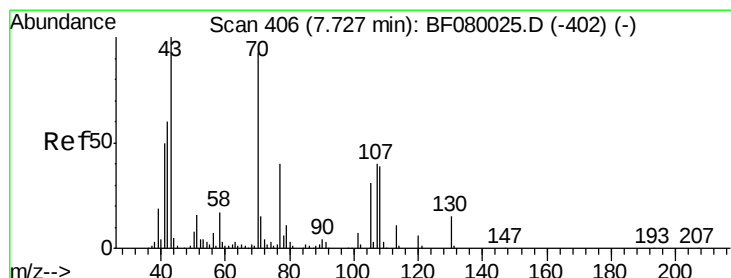
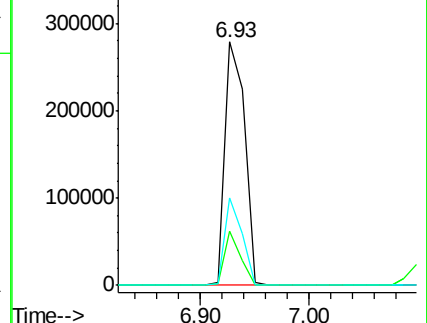
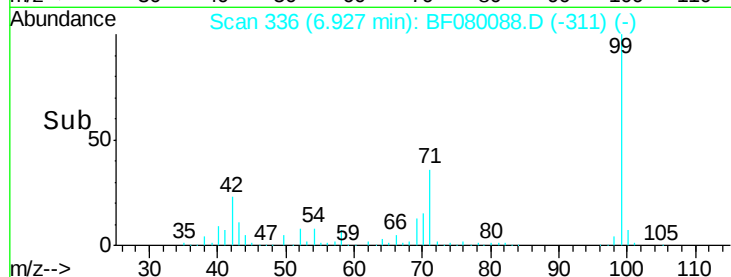
71 35.7 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.62 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Tgt Ion: 70 Resp: 28995

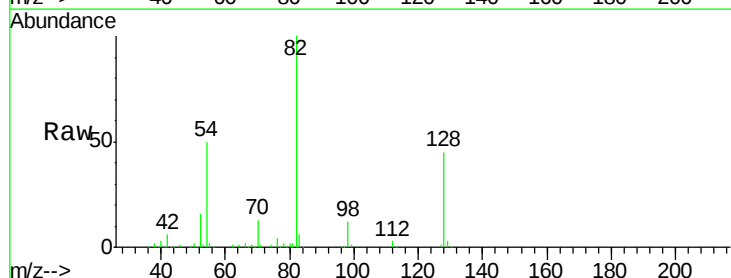
Ion Ratio Lower Upper

70 100

42 47.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

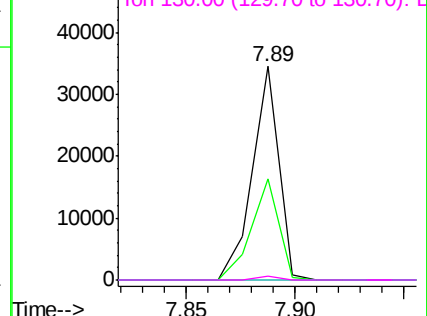
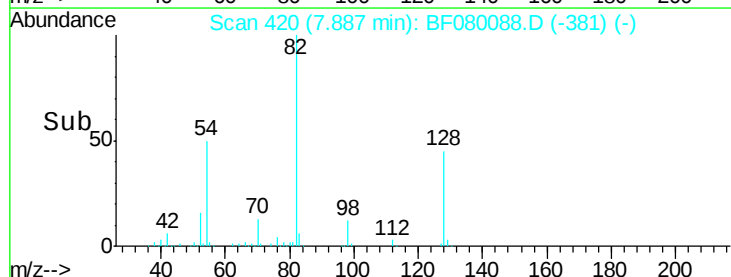


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

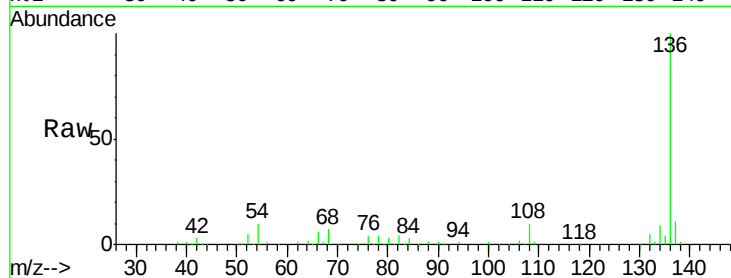




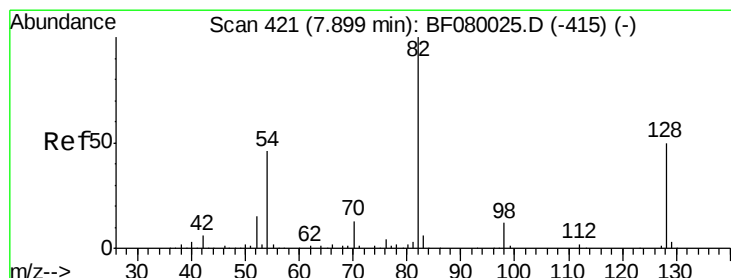
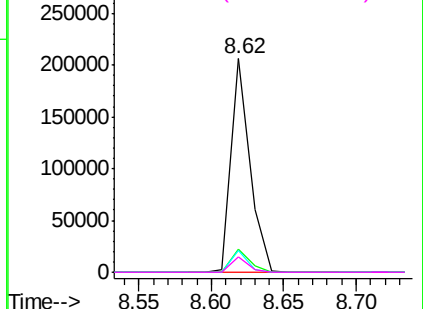
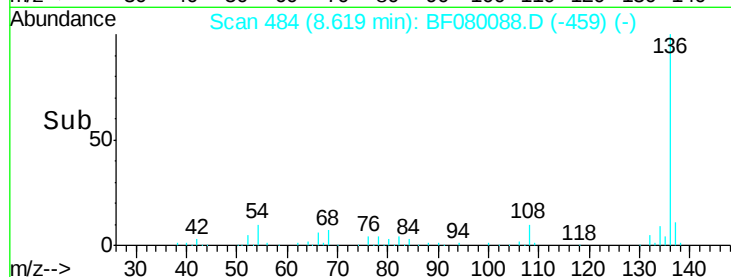
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:	136	Resp:	185714
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.0	8.2	12.2
68	7.4	5.8	8.6

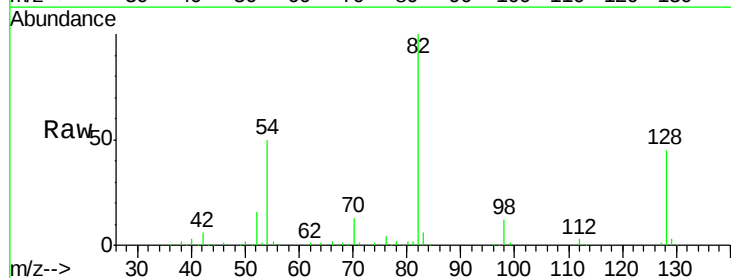


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

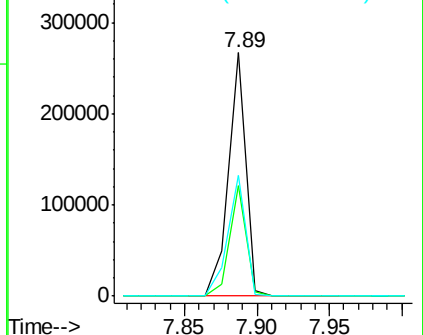
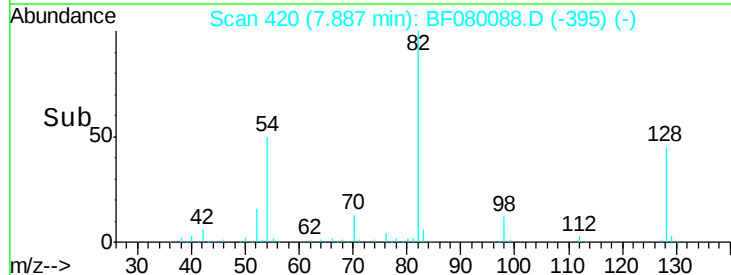


#23
Nitrobenzene-d5
Concen: 69.67 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion:	82	Resp:	222241
Ion	Ratio	Lower	Upper
82	100		
128	45.2	51.0	76.6#
54	49.7	47.5	71.3



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





#25

Isophorone

Concen: 34.62 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Instrument :

BNA_F

ClientSampleId :

LAR9819

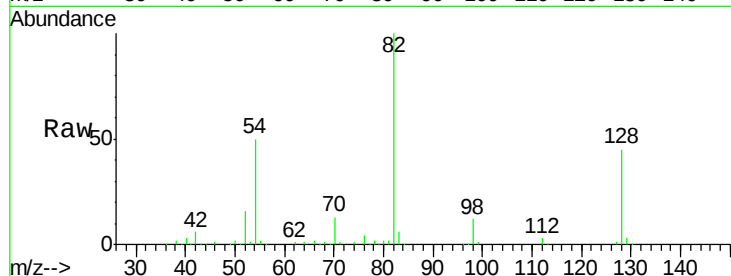
Tgt Ion: 82 Resp: 22232

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

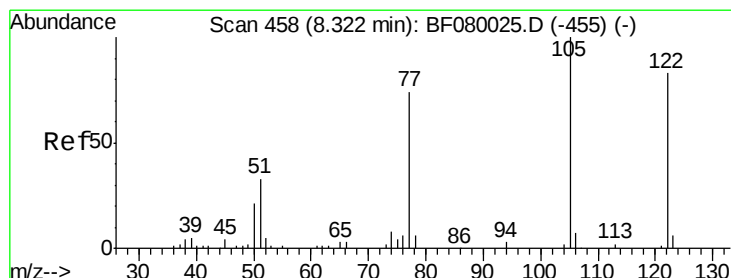
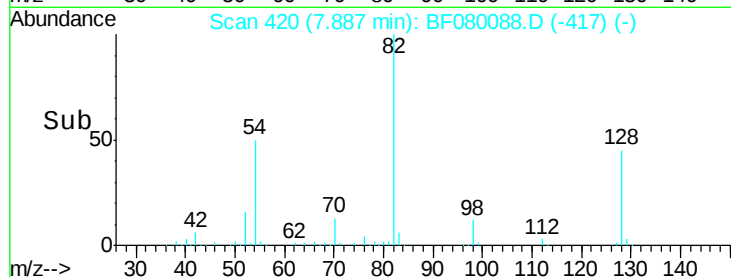
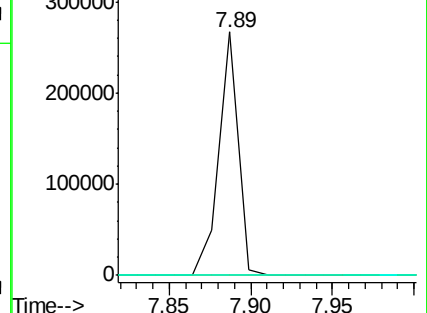
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 3.31 ng

RT: 8.38 min Scan# 463

Delta R.T. 0.05 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

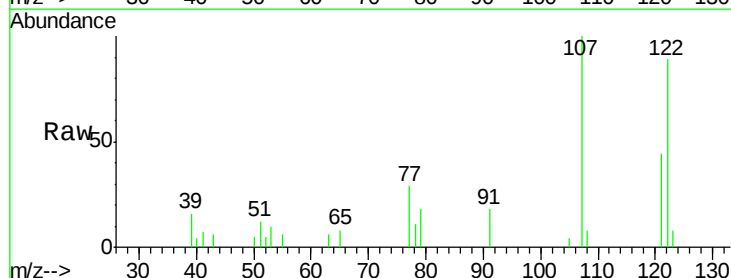
Tgt Ion: 122 Resp: 5750

Ion Ratio Lower Upper

122 100

105 4.8 76.1 116.1#

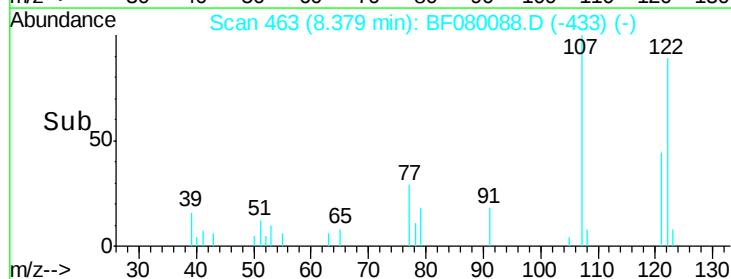
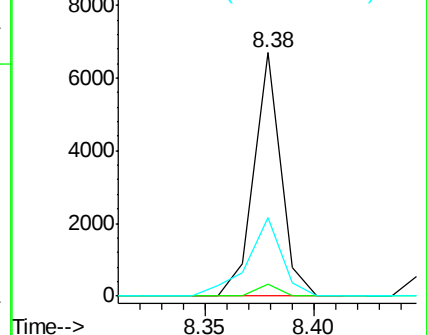
77 32.2 40.5 80.5#

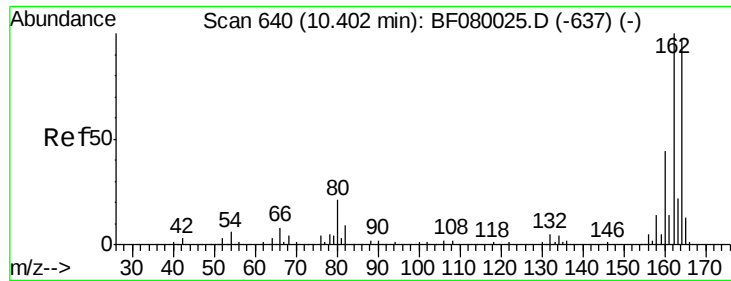


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

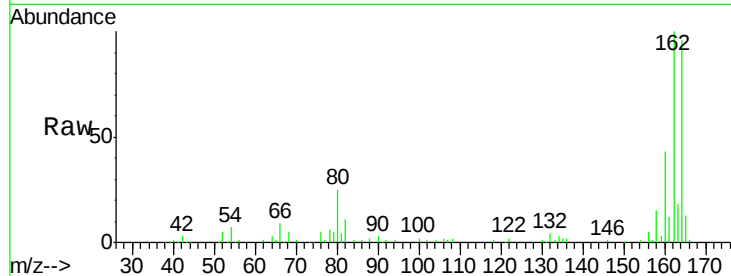




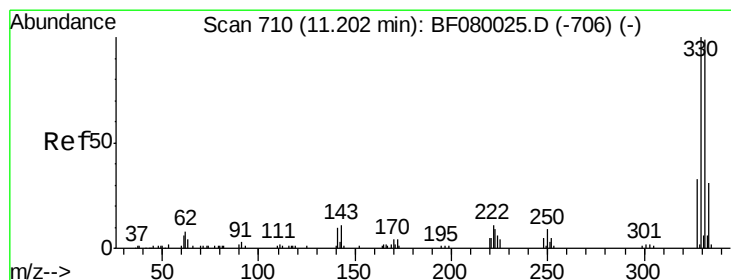
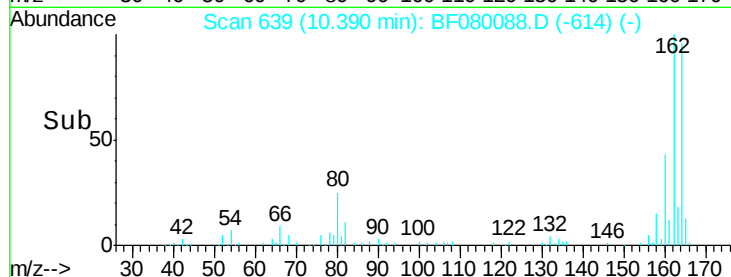
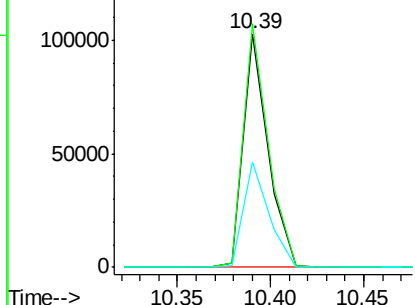
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Instrument :
 BNA_F
 ClientSampled :
 LAR9819

Tgt Ion:164 Resp: 94187
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 45.1 31.5 47.3

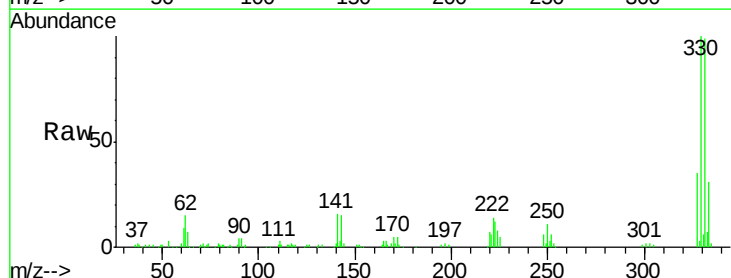


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

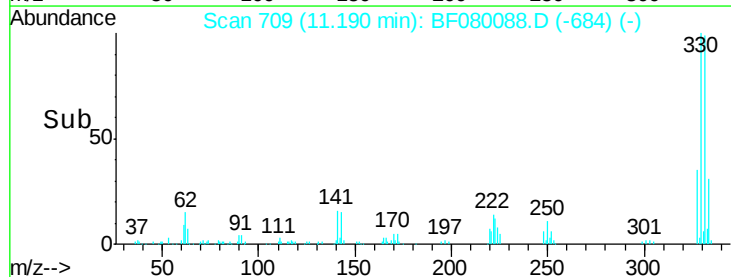
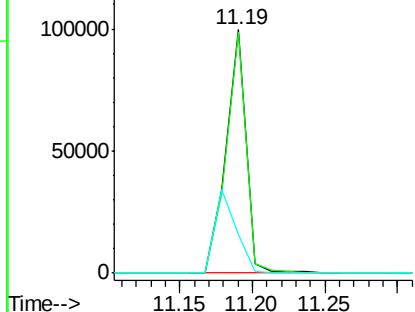


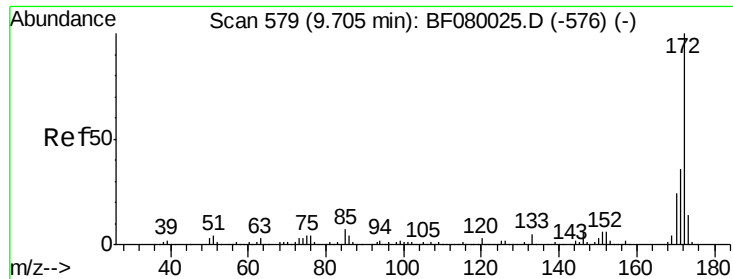
#41
 2,4,6-Tribromophenol
 Concen: 104.35 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Tgt Ion:330 Resp: 96105
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 36.9 29.7 44.5



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

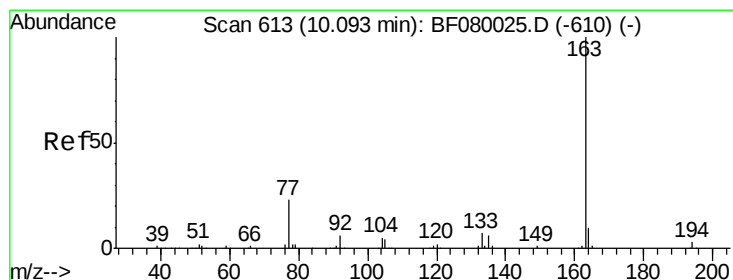
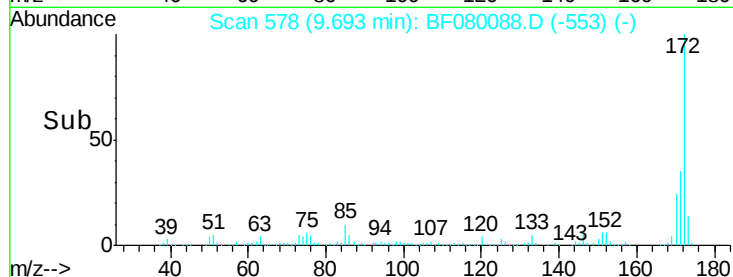
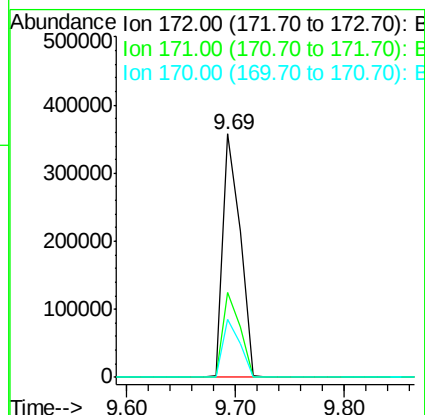
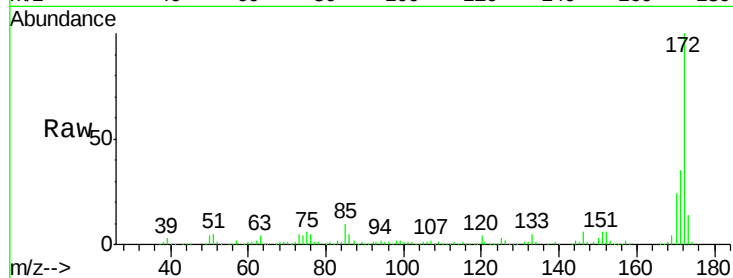




#44
2-Fluorobiphenyl
Concen: 60.26 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

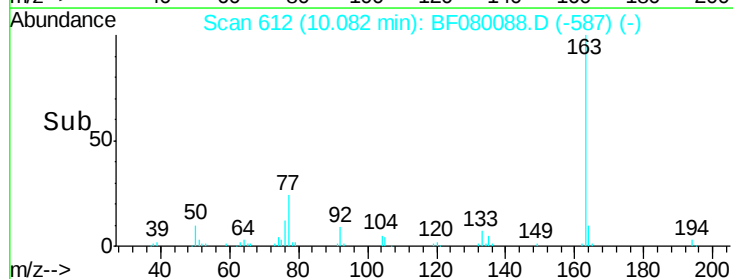
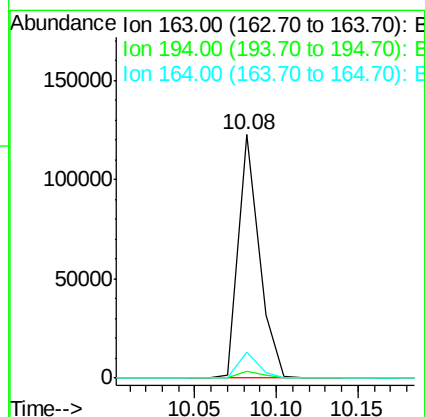
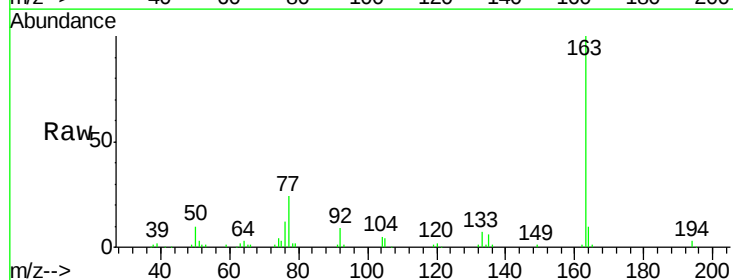
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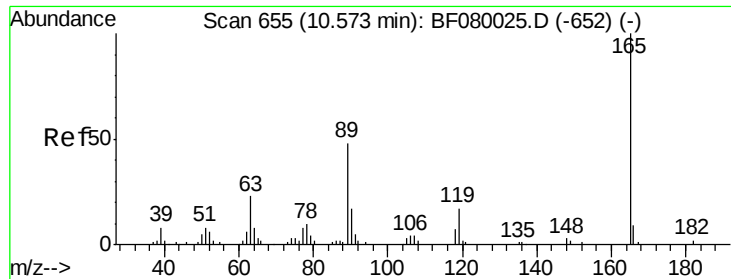
Tgt Ion:172 Resp: 397982
Ion Ratio Lower Upper
172 100
171 35.1 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 15.22 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion:163 Resp: 107792
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.5 8.3 12.5

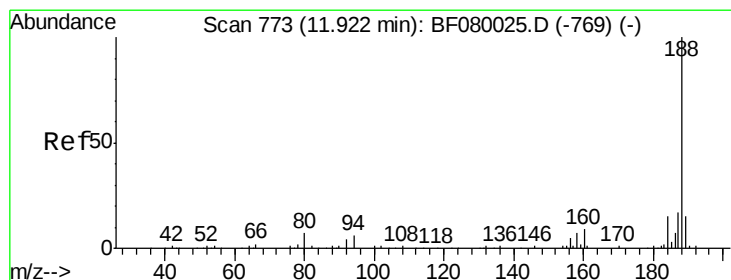
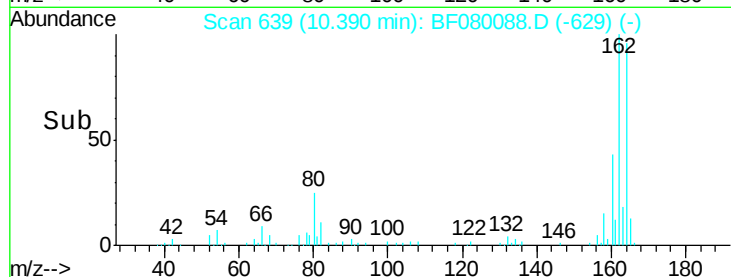
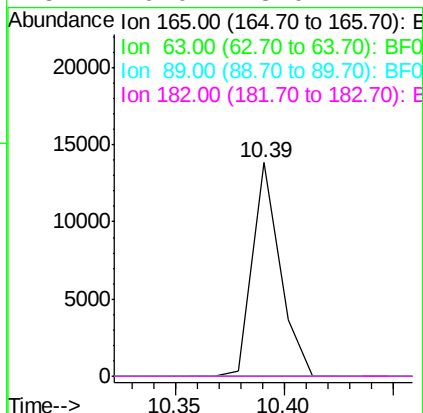
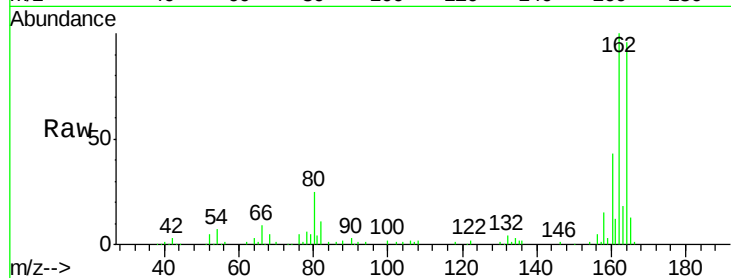




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

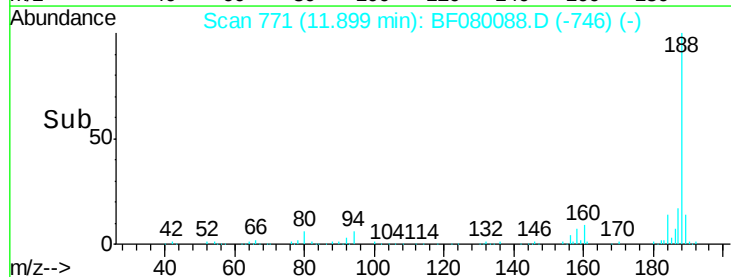
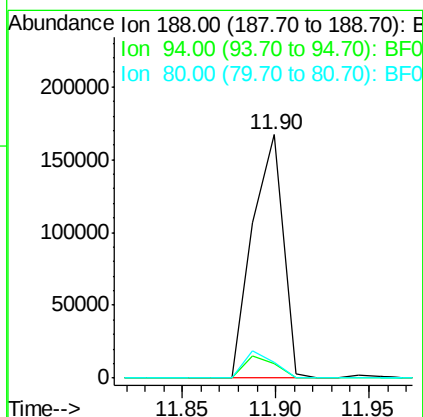
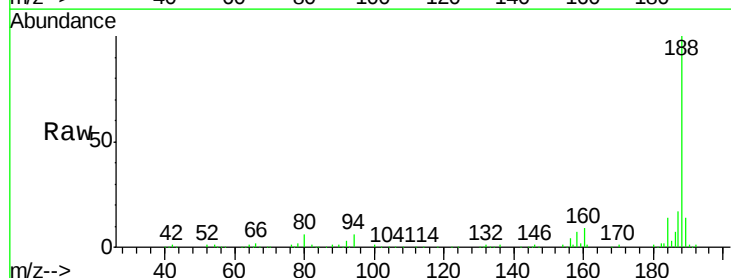
Instrument :
 BNA_F
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 LAR9819

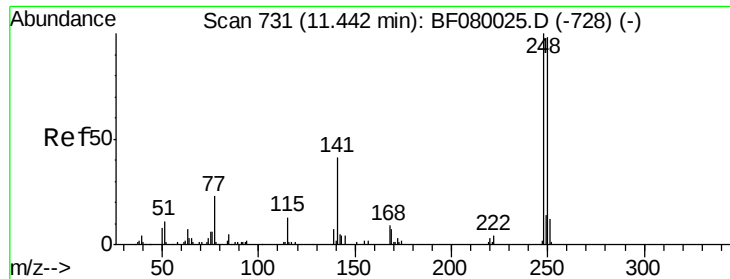
Tgt Ion:	165	Resp:	12248
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Tgt Ion:	188	Resp:	190729
Ion	Ratio	Lower	Upper
188	100		
94	5.9	11.1	16.7#
80	6.4	11.0	16.4#

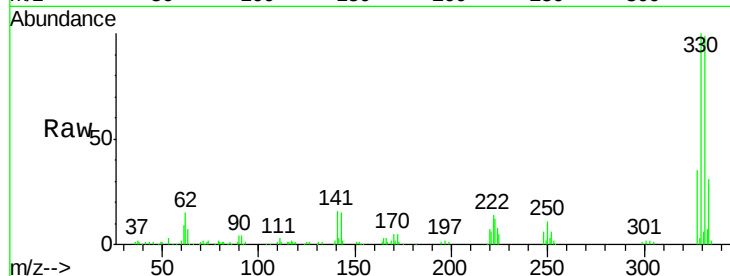




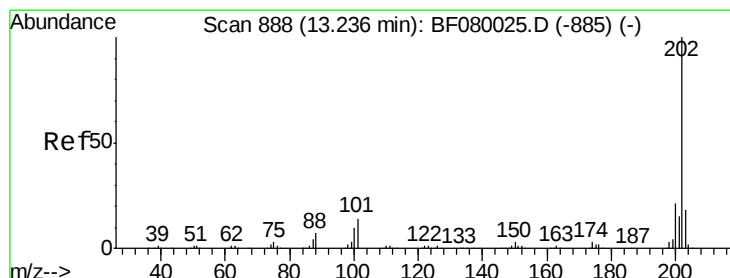
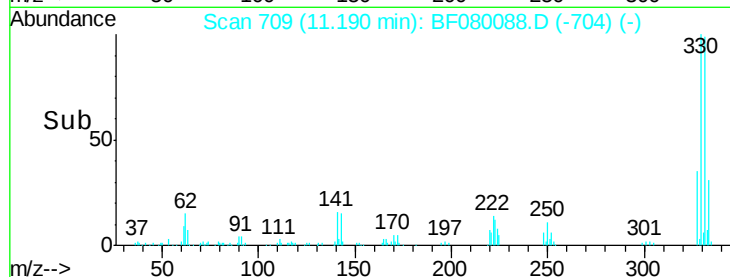
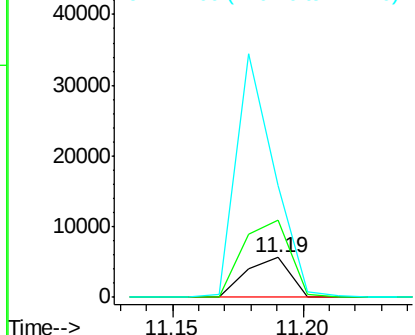
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:248 Resp: 6558
Ion Ratio Lower Upper
248 100
250 193.9 78.5 117.7#
141 281.5 59.0 88.6#

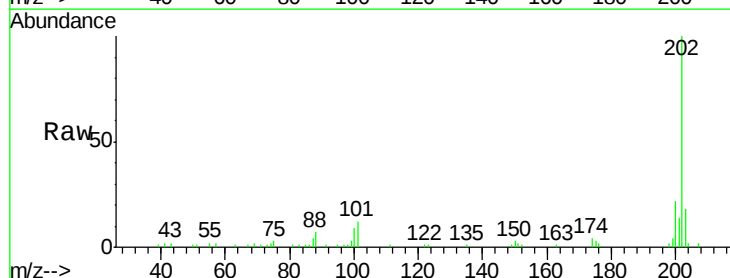


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

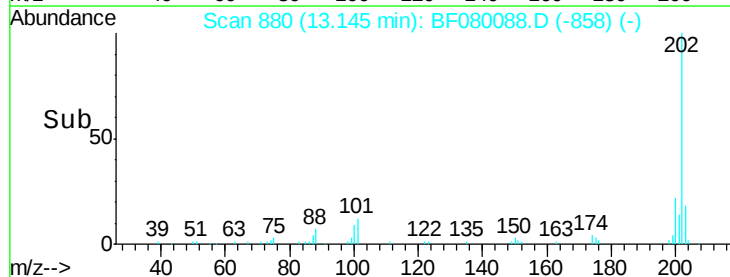
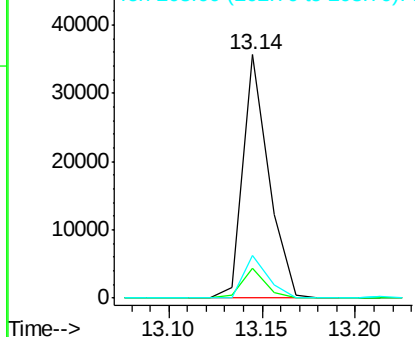


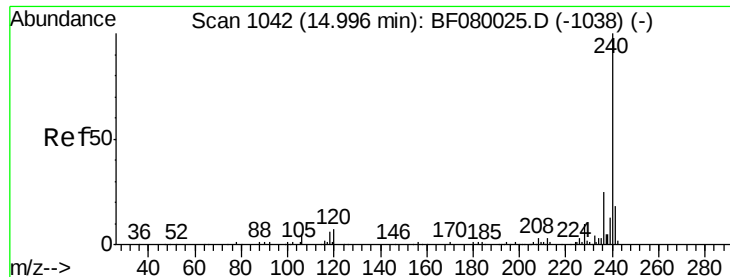
#74
Fluoranthene
Concen: 2.79 ng
RT: 13.14 min Scan# 880
Delta R.T. -0.05 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion:202 Resp: 34271
Ion Ratio Lower Upper
202 100
101 12.3 0.0 38.3
203 17.8 0.0 37.3



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: 14.75 min Scan# 1020

Delta R.T. -0.11 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Instrument :

BNA_F

ClientSampleId :

LAR9819

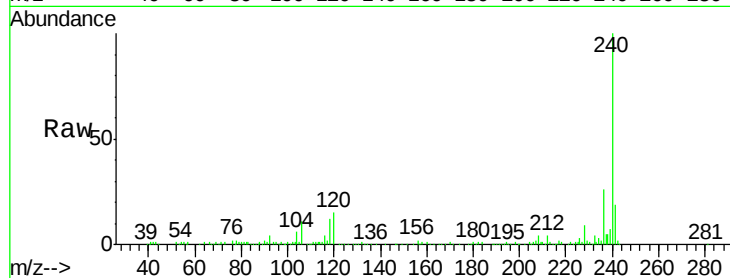
Tgt Ion:240 Resp: 211550

Ion Ratio Lower Upper

240 100

120 14.9 16.2 24.2#

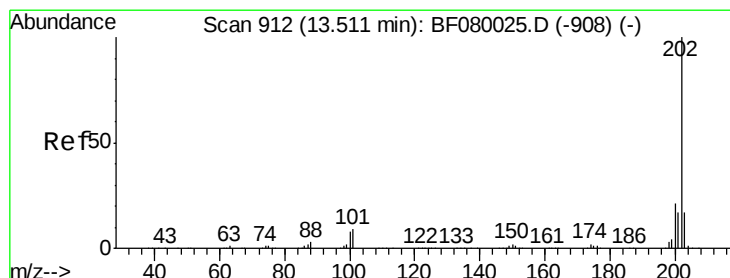
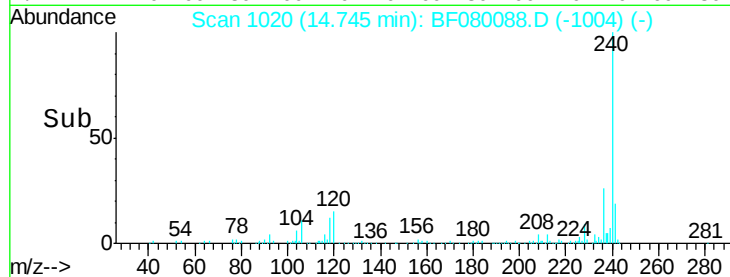
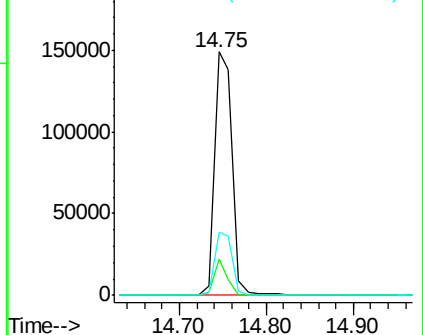
236 26.0 18.4 27.6



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



#77

Pyrene

Concen: 2.64 ng

RT: 13.40 min Scan# 902

Delta R.T. -0.05 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

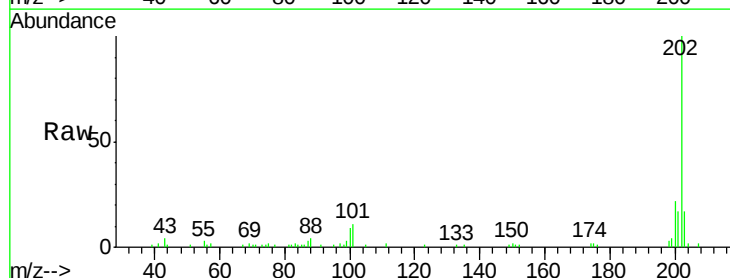
Tgt Ion:202 Resp: 34449

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

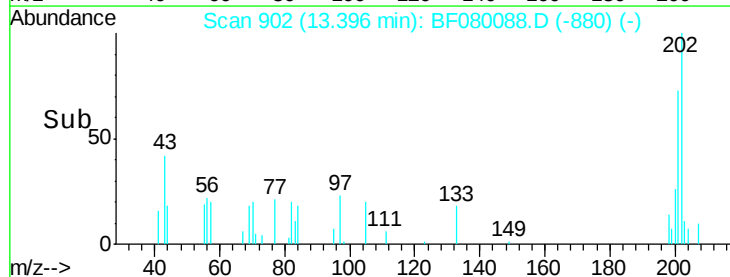
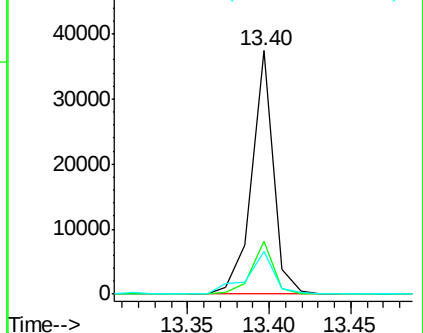
203 17.4 14.1 21.1

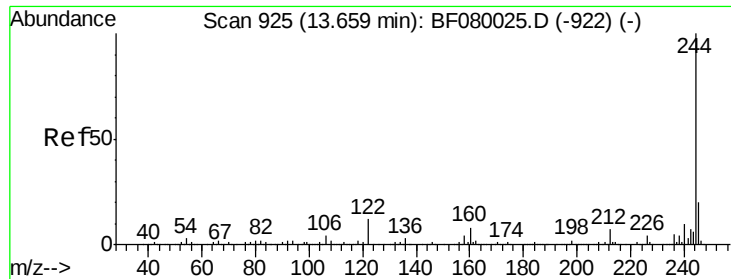


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

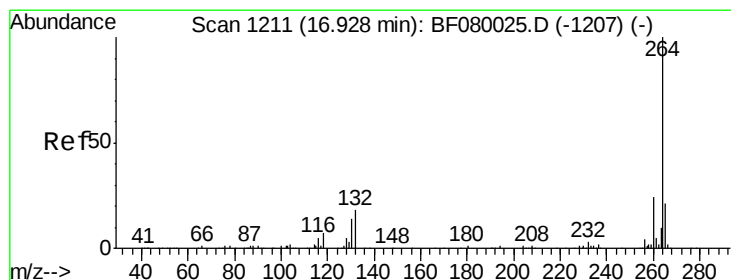
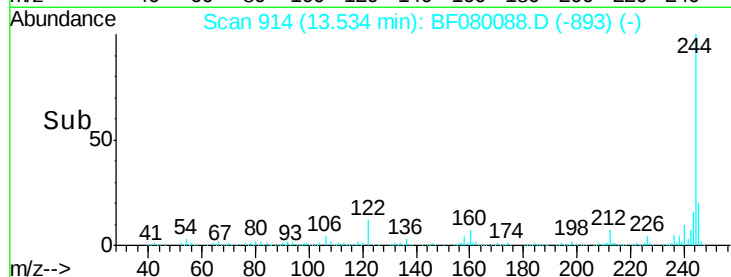
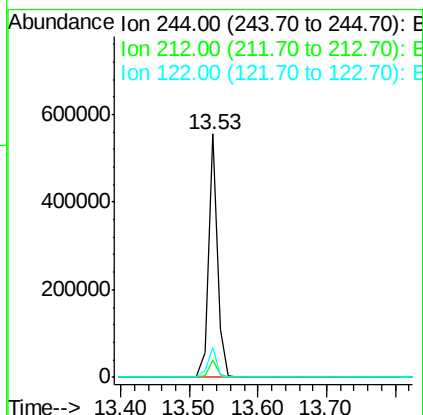
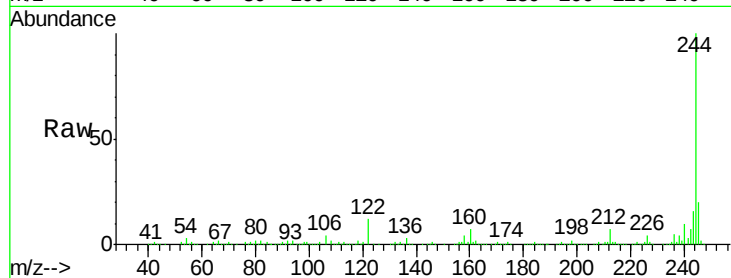




#78
 Terphenyl-d14
 Concen: 55.33 ng
 RT: 13.53 min Scan# 914
 Delta R.T. -0.06 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

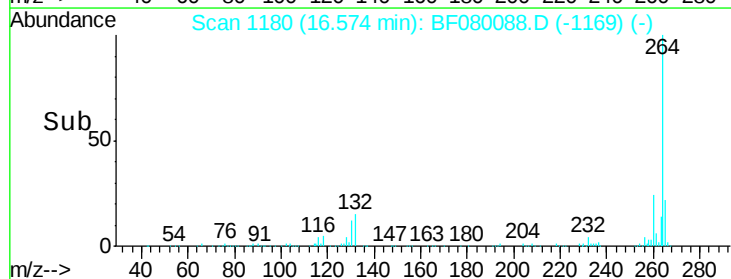
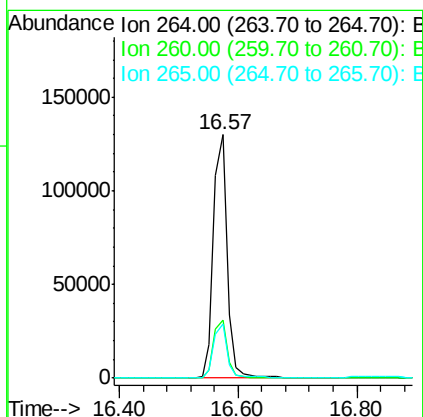
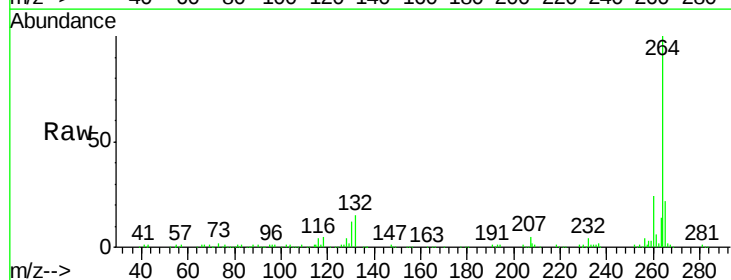
Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

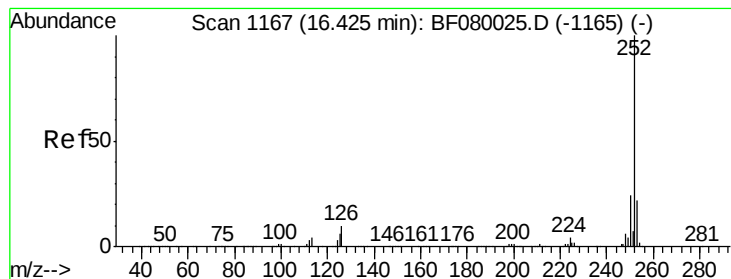
Tgt Ion:244 Resp: 501191
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 12.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1180
 Delta R.T. -0.17 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Tgt Ion:264 Resp: 210091
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 22.0 17.2 25.8





#88

Benzo(k)fluoranthene

Concen: 4.07 ng

RT: 16.04 min Scan# 1133

Delta R.T. -0.21 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Instrument :

BNA_F

ClientSampleId :

LAR9819

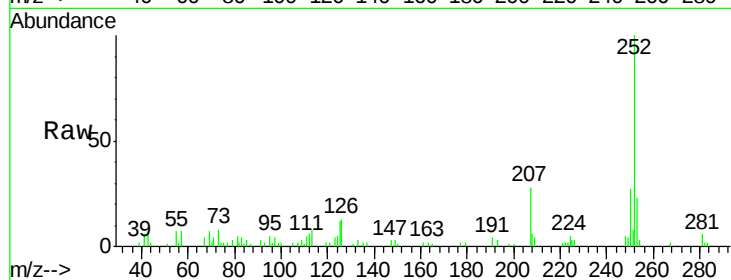
Tgt Ion:252 Resp: 52773

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.4

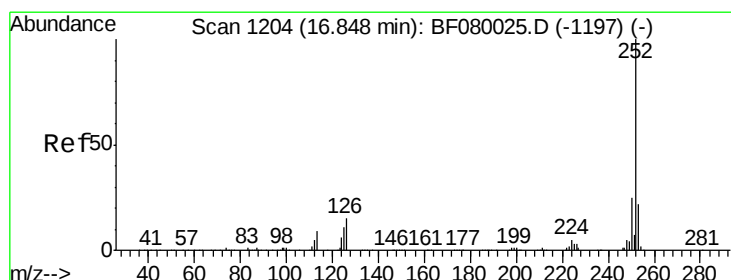
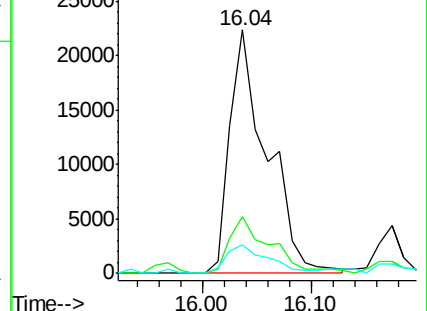
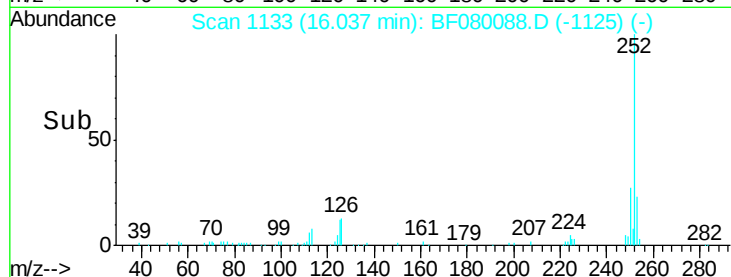
125 11.8 16.0 24.0#



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



#89

Benzo(a)pyrene

Concen: 2.53 ng

RT: 16.49 min Scan# 1173

Delta R.T. -0.17 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

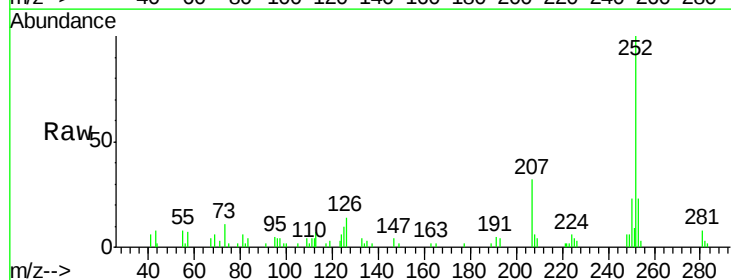
Tgt Ion:252 Resp: 30531

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 10.3 18.0 27.0#



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

