

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097432.D
 Acq On : 7 Aug 2017 16:38
 Operator : SJ/JU
 Sample : I4625-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-2

Quant Time: Aug 08 05:14:02 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

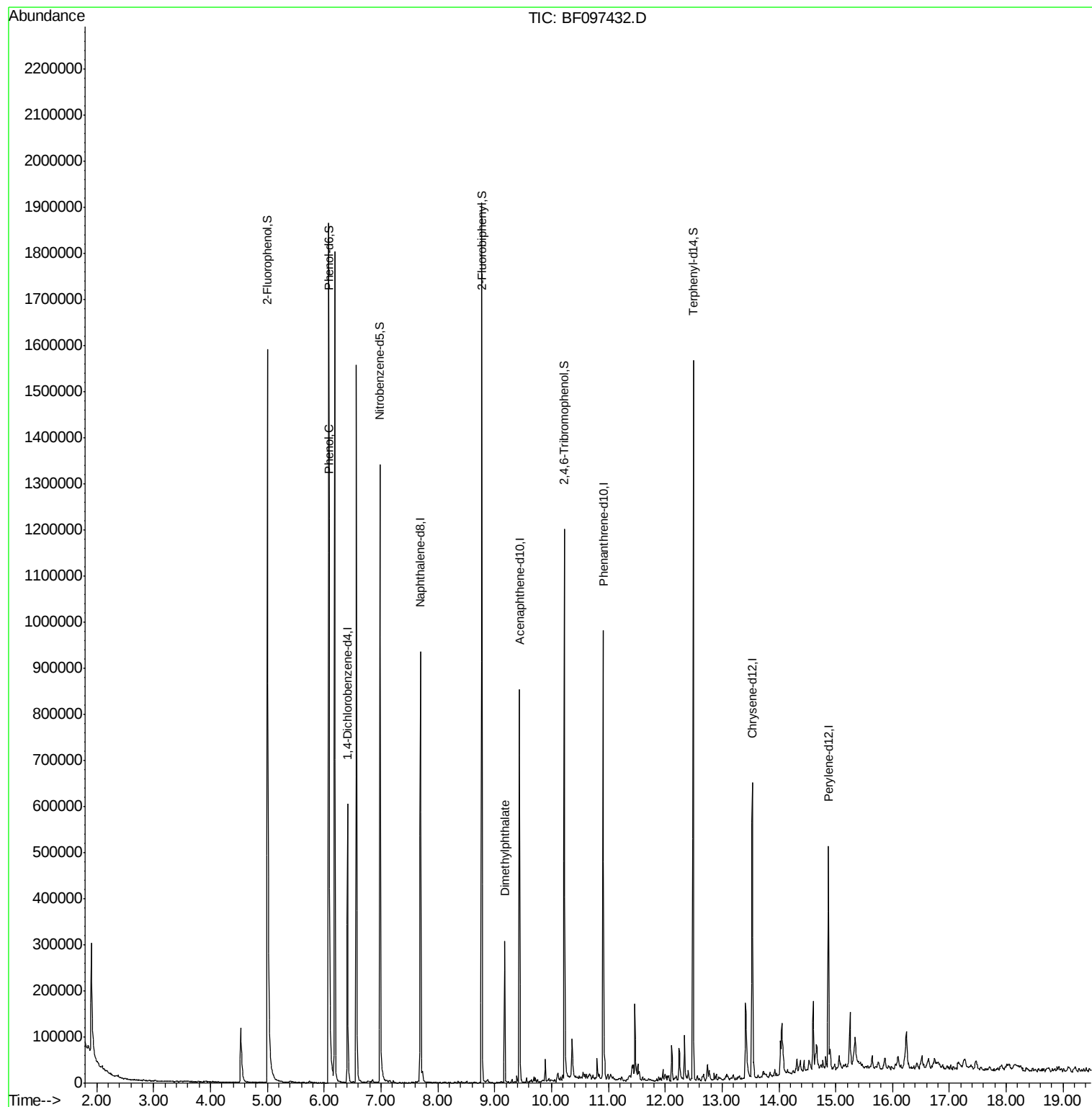
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	89456	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	427072	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	168273	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	317730	20.00	ng	0.00
75) Chrysene-d12	13.53	240	214262	20.00	ng	0.00
86) Perylene-d12	14.87	264	181051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	599137	100.96	ng	0.00
7) Phenol-d6	6.08	99	667492	98.53	ng	0.00
23) Nitrobenzene-d5	6.98	82	415114	57.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	139100	104.62	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	645356	65.09	ng	0.00
78) Terphenyl-d14	12.49	244	472452	44.96	ng	0.00
Target Compounds						
10) Phenol	6.09	94	27277	3.395	ng	80
49) Dimethylphthalate	9.17	163	120946	9.465	ng	98

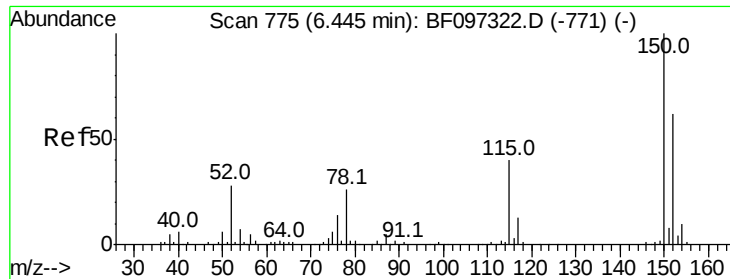
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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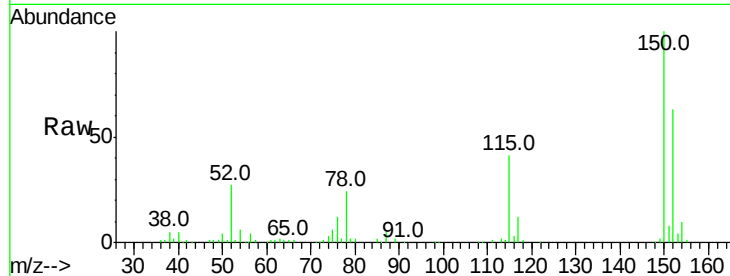


#1

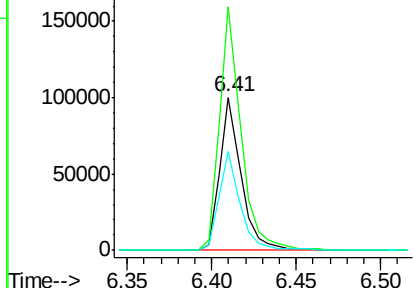
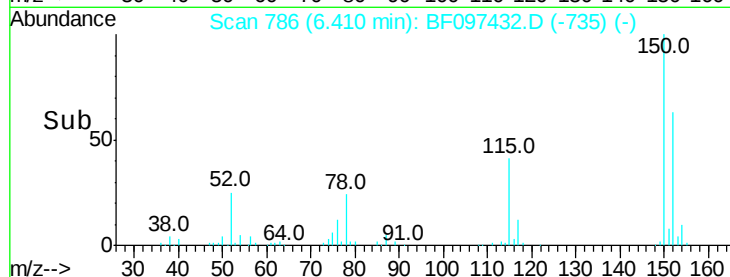
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-2

Tot Ion:152 Resp: 89456
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.2 189.2
 115 64.7 52.2 78.2



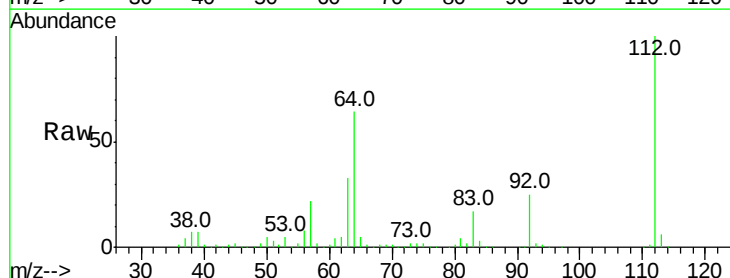
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



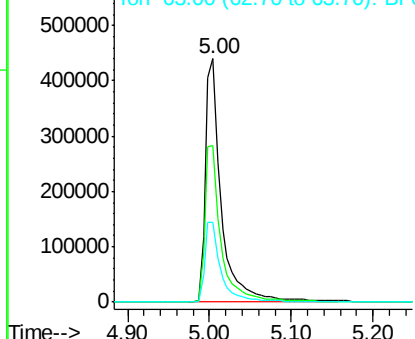
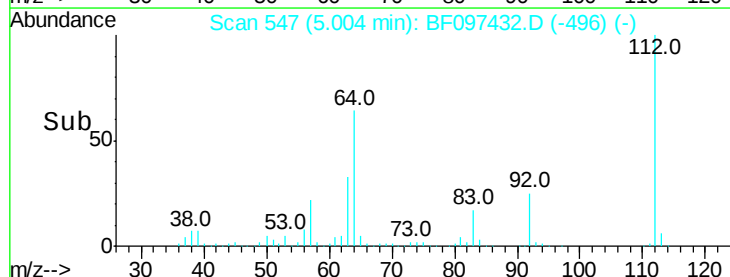
#5

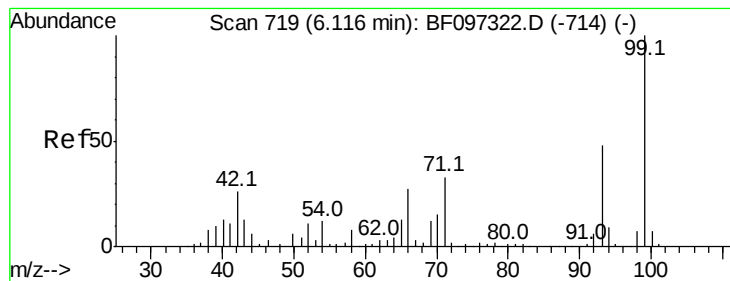
2-Fluorophenol
 Concen: 100.965 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

Tgt Ion:112 Resp: 599137
 Ion Ratio Lower Upper
 112 100
 64 64.2 46.0 69.0
 63 32.6 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: 98.530 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-2

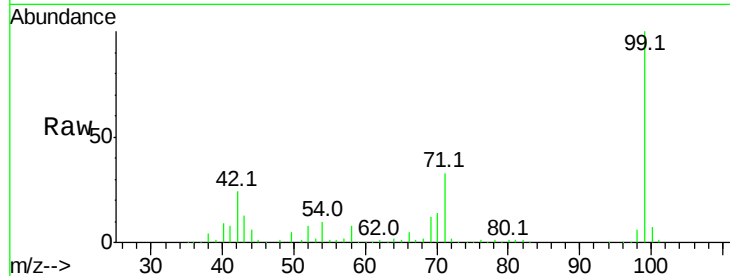
Tot Ion: 99 Resp: 667492

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

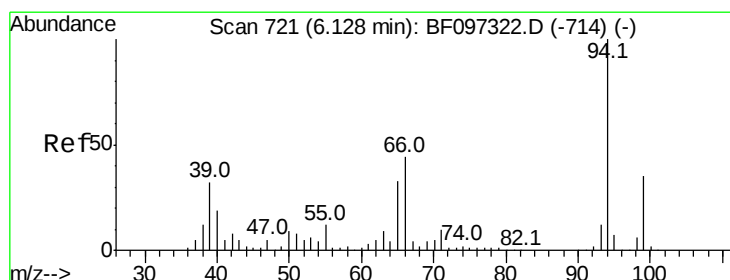
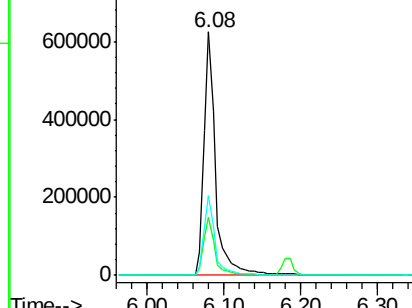
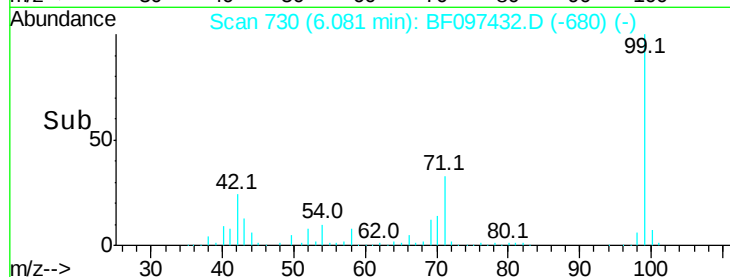
71 32.8 24.5 36.7



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: 3.395 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

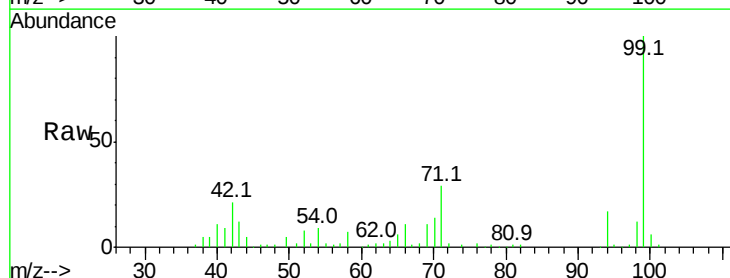
Tgt Ion: 94 Resp: 27277

Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

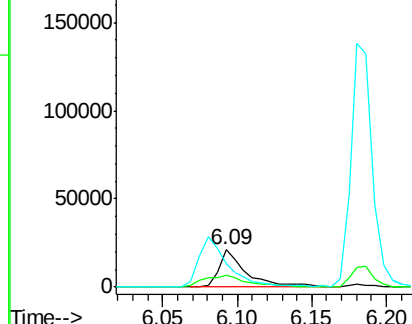
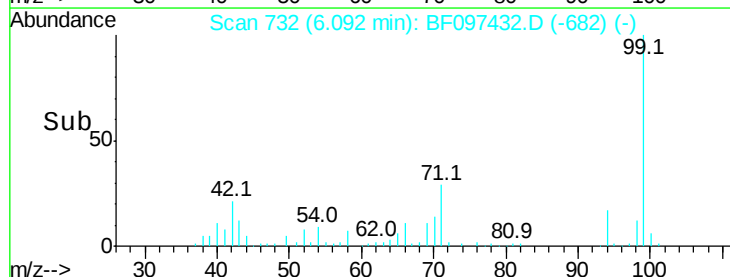
66 62.7 23.1 63.1

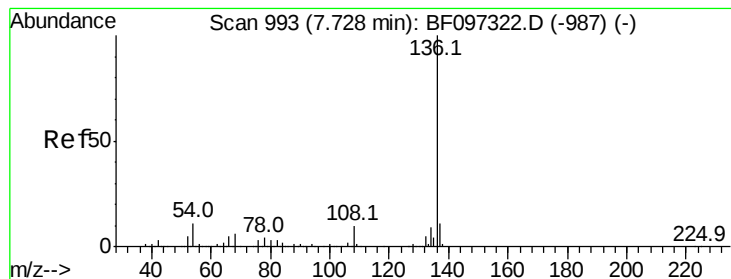


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-2

Tot Ion:136 Resp: 427072

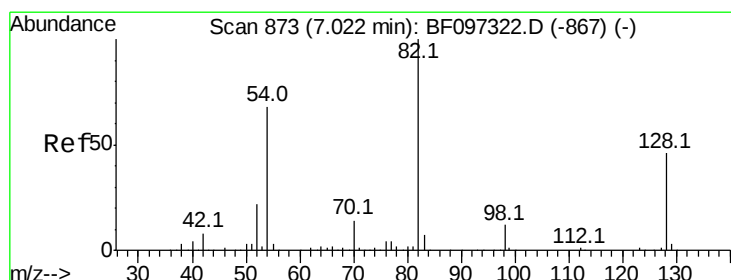
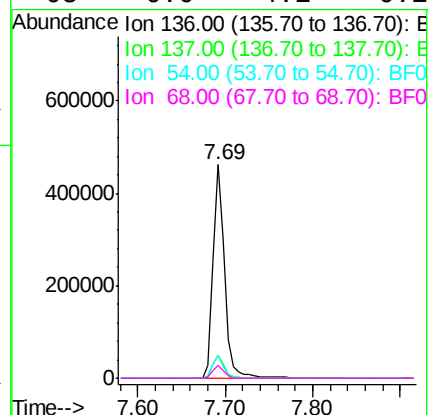
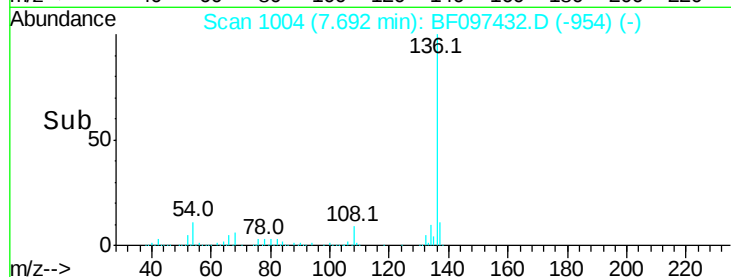
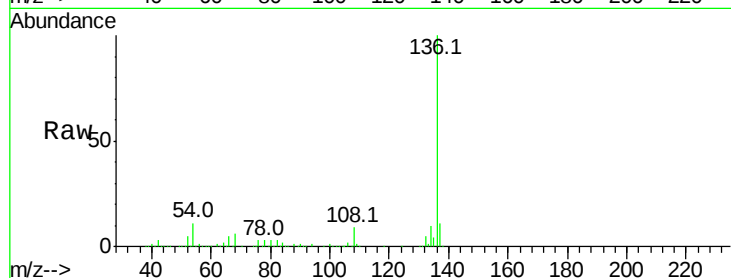
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 4.9 7.3#

68 6.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 57.021 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

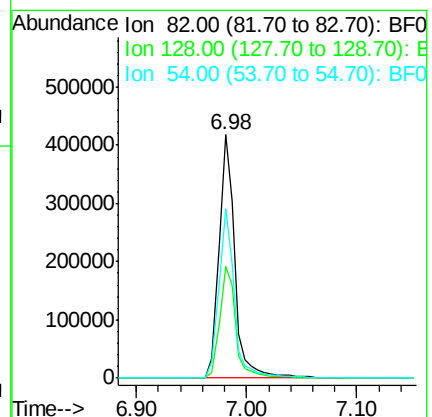
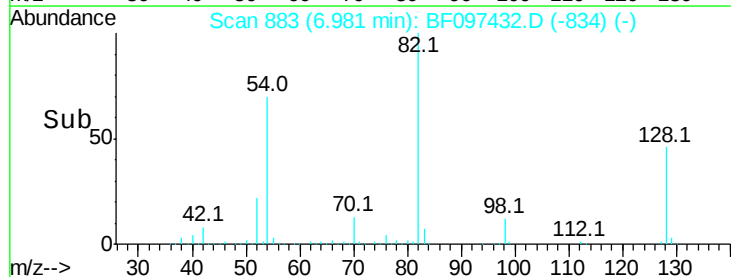
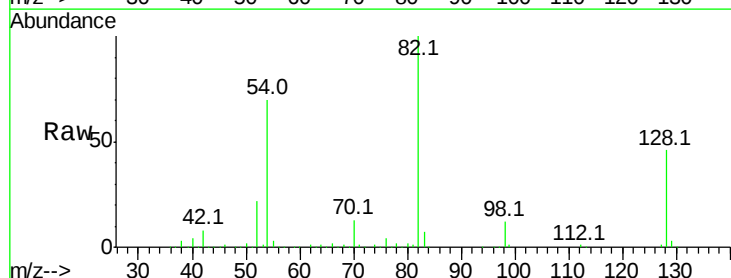
Tgt Ion: 82 Resp: 415114

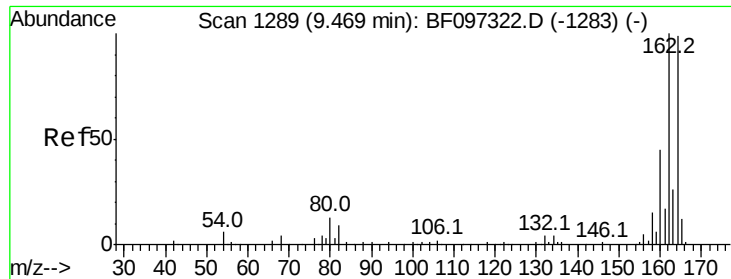
Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

54 69.7 42.2 63.2#

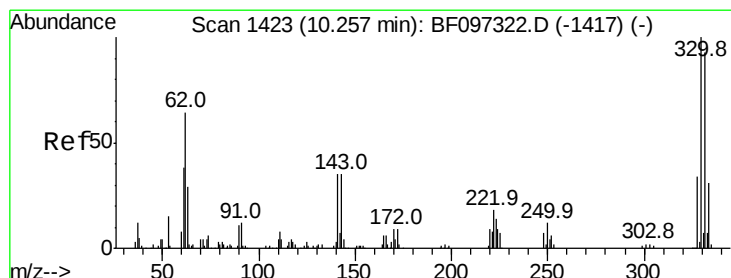
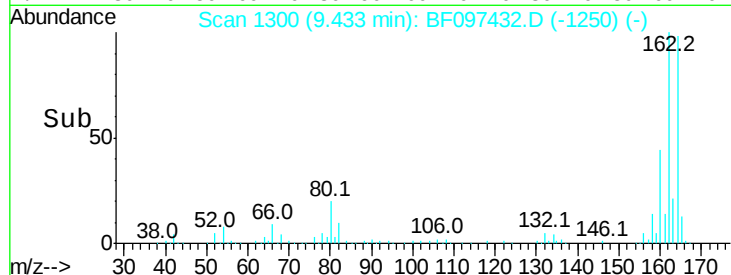
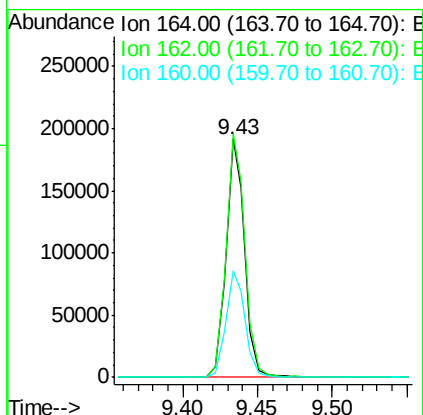
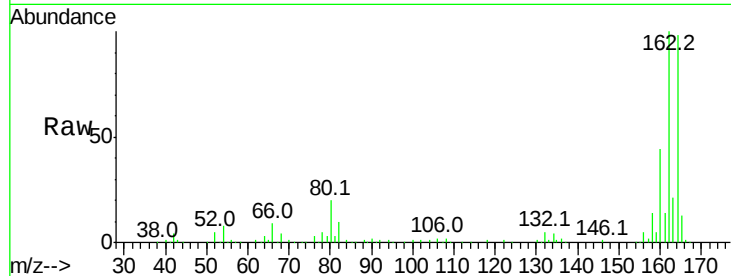




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

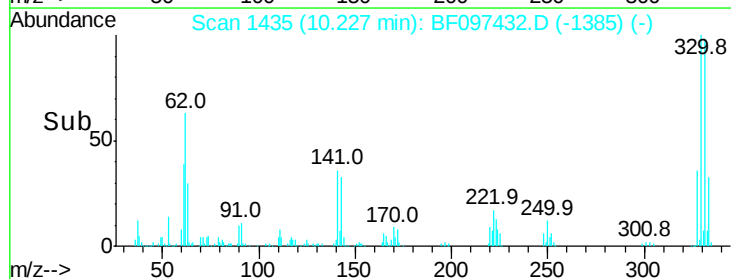
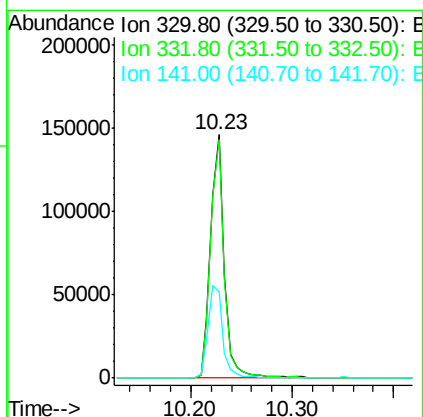
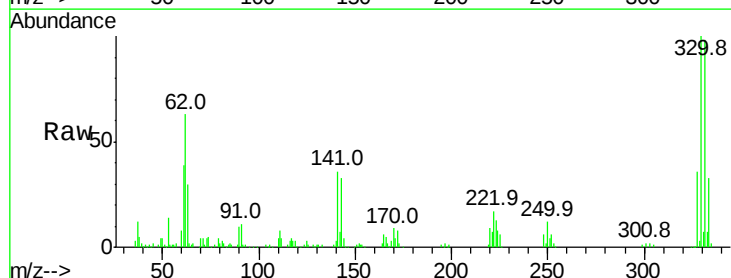
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-2

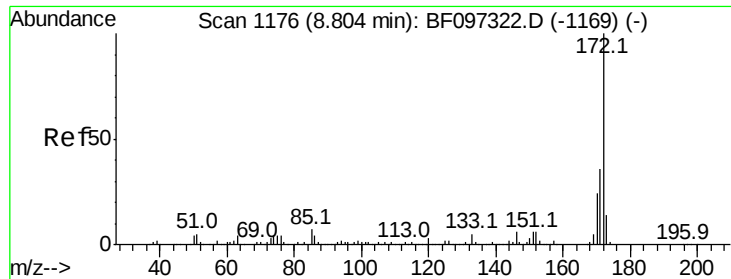
Tot Ion:164 Resp: 168273
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 44.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 104.624 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Tgt Ion:330 Resp: 139100
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 40.2 31.4 47.2

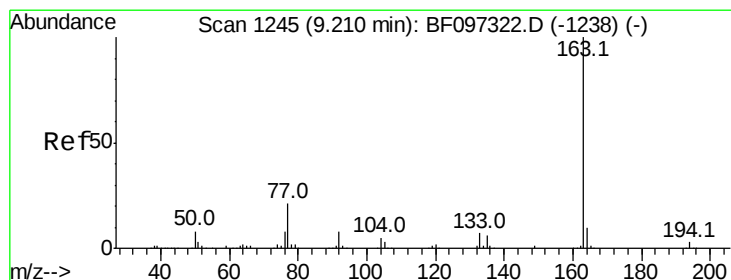
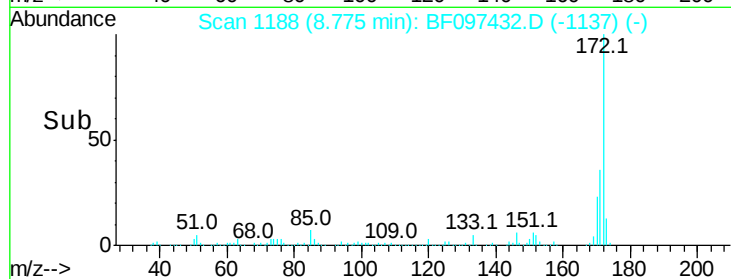
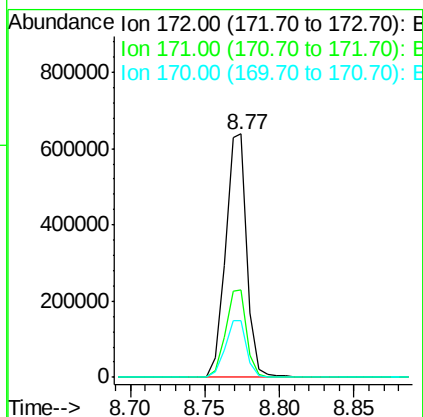
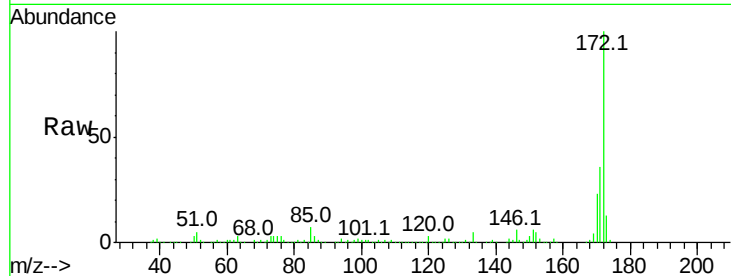




#44
2-Fluorobiphenyl
Concen: 65.087 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

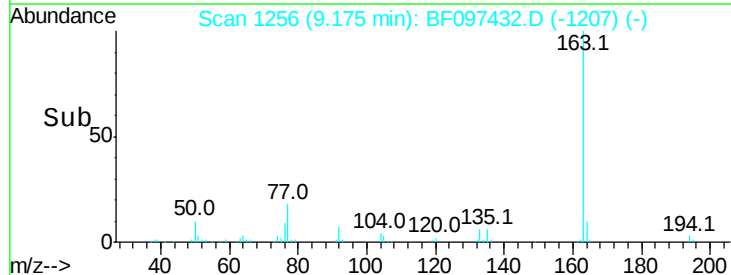
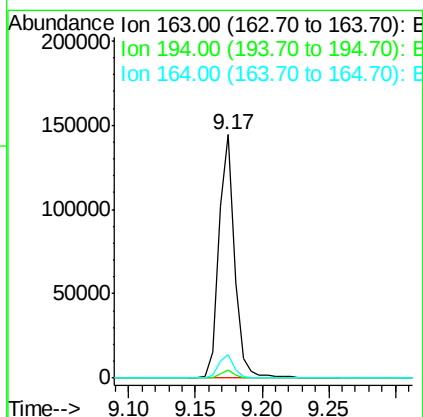
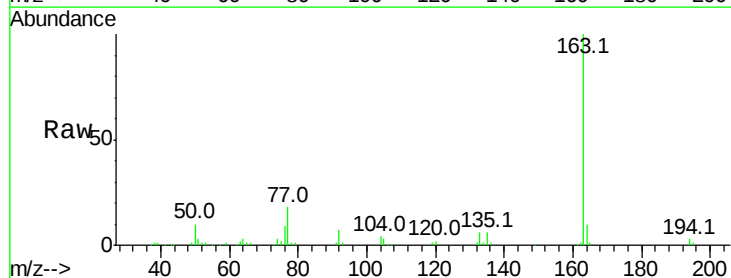
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-2

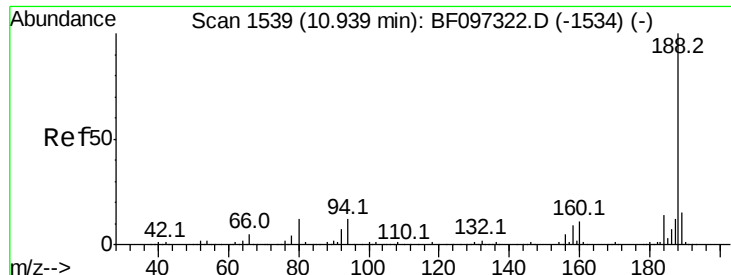
Tot Ion:172 Resp: 645356
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 9.465 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Tgt Ion:163 Resp: 120946
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.8 8.4 12.6

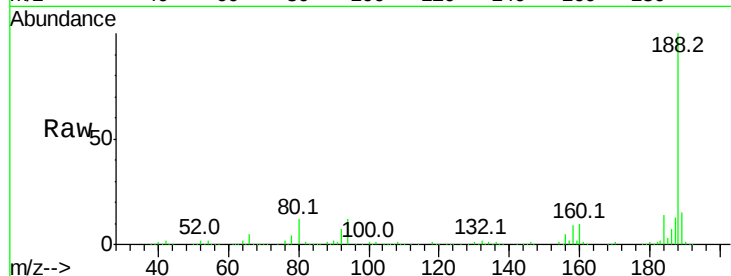




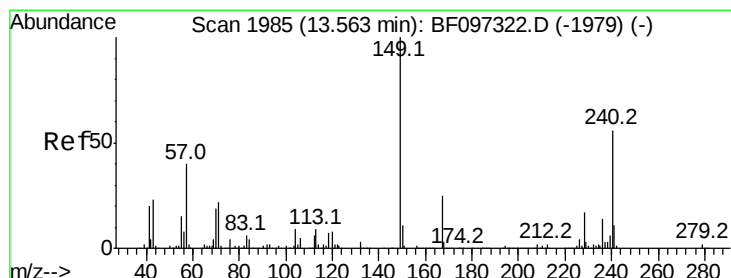
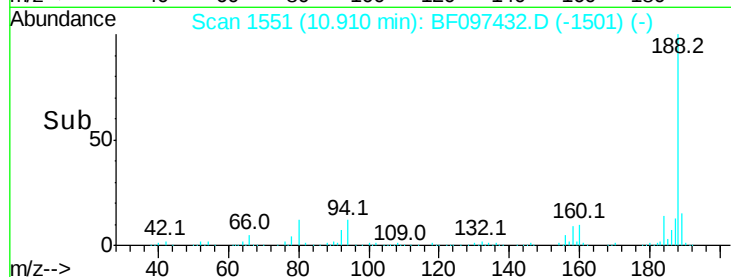
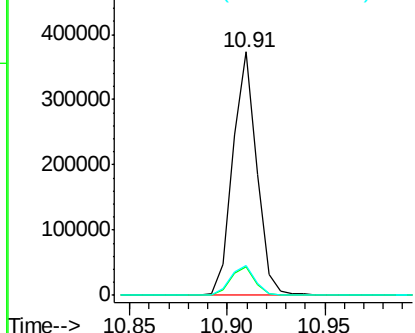
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-2

Tot Ion:188 Resp: 317730
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.3 10.2 15.2

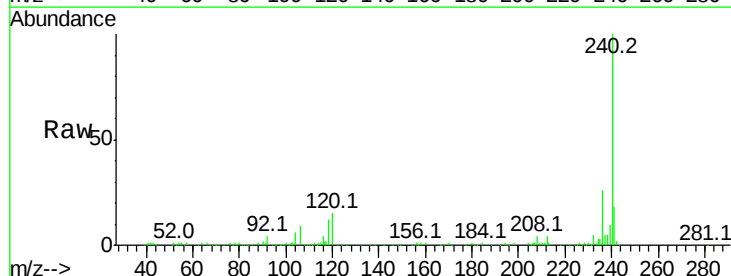


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

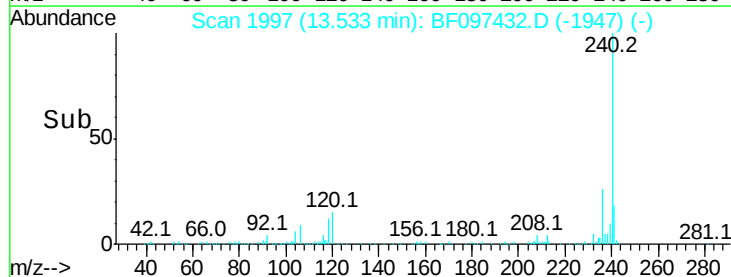
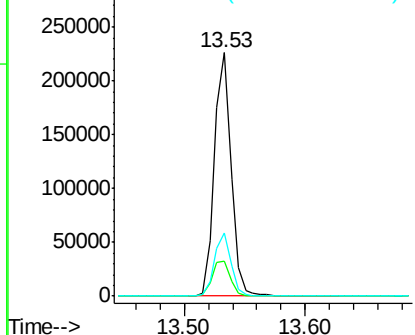


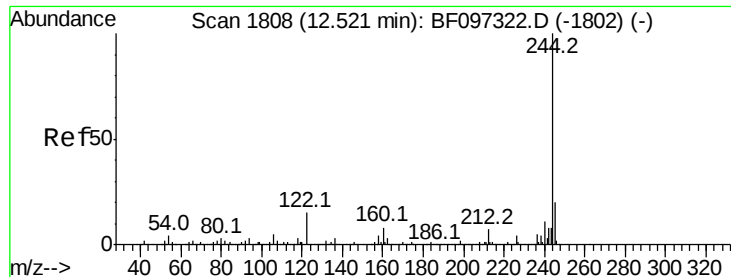
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Tgt Ion:240 Resp: 214262
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.8 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: 44.957 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-2

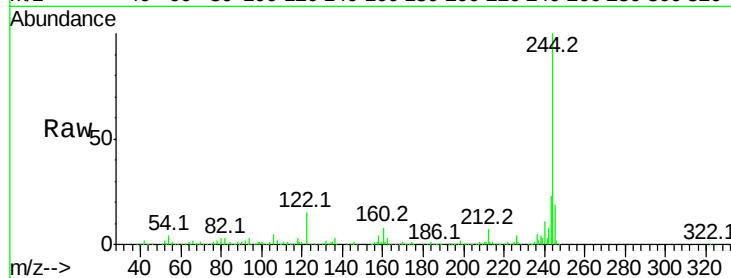
Tot Ion:244 Resp: 472452

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

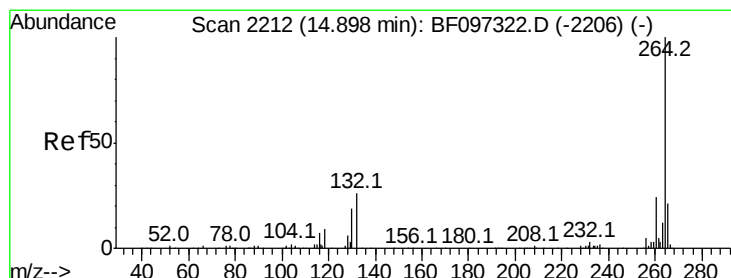
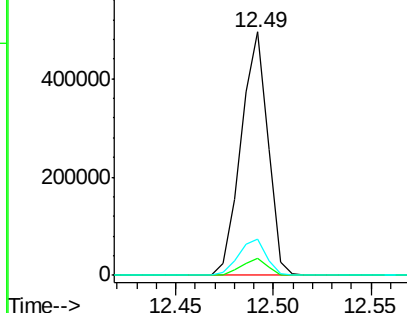
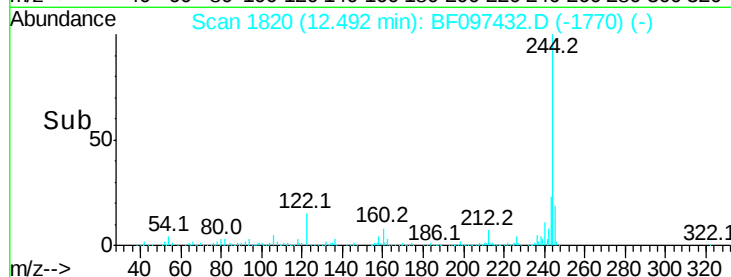
122 14.8 10.3 15.5



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: 20.000 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

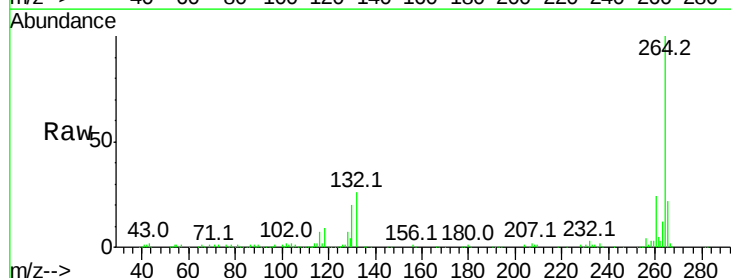
Tgt Ion:264 Resp: 181051

Ion Ratio Lower Upper

264 100

260 23.9 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

