

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039191.D
 Acq On : 17 Jan 2019 18:01
 Operator : JU/SJ
 Sample : K1139-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-CONTAINMENT

Quant Time: Jan 18 04:40:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

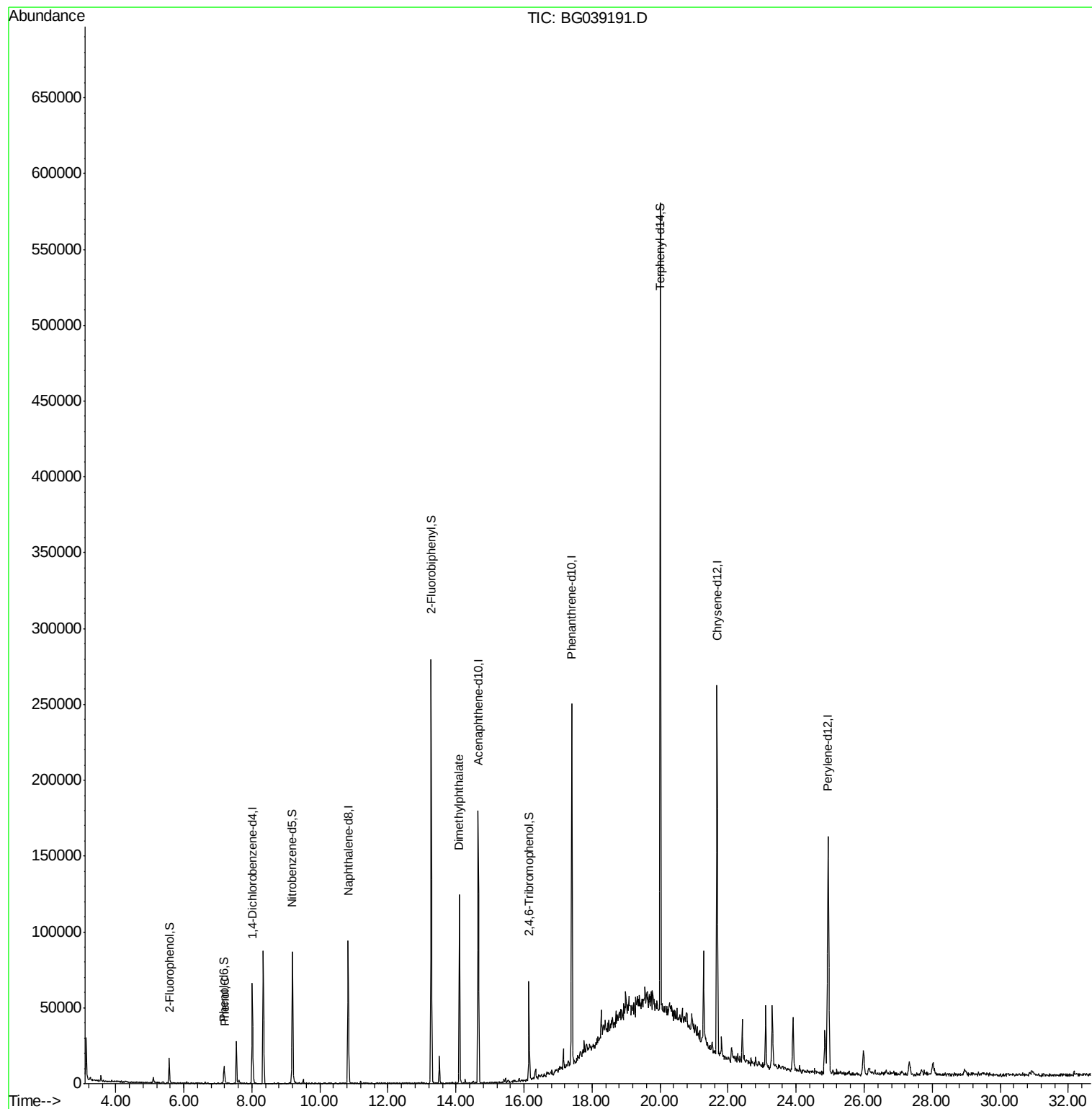
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20231	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	89901	20.00	ng	-0.02
39) Acenaphthene-d10	14.65	164	66768	20.00	ng	-0.02
64) Phenanthrene-d10	17.40	188	158835	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	159298	20.00	ng	-0.03
87) Perylene-d12	24.94	264	192751	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	8748	8.20	ng	-0.01
7) Phenol-d6	7.17	99	7198	4.69	ng	-0.02
23) Nitrobenzene-d5	9.19	82	56817	34.58	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	14746	13.18	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	158824	32.55	ng	-0.02
79) Terphenyl-d14	20.01	244	264262	30.69	ng	-0.02
Target Compounds						
10) Phenol	7.20	94	4096	2.662	ng	97
50) Dimethylphthalate	14.10	163	89636	15.887	ng	100

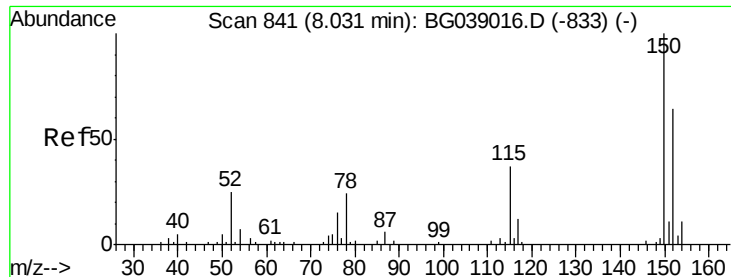
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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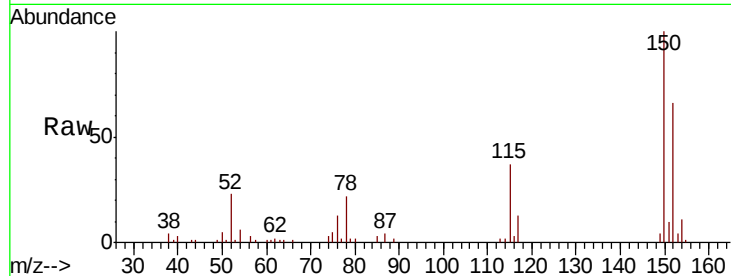


#1

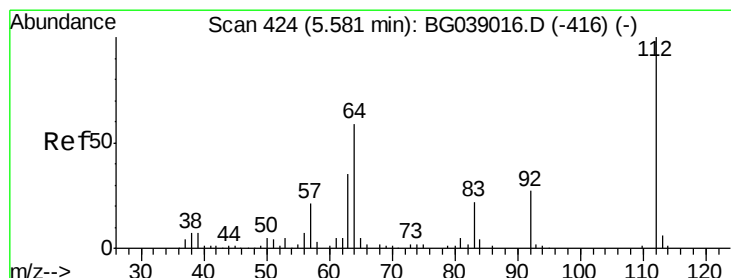
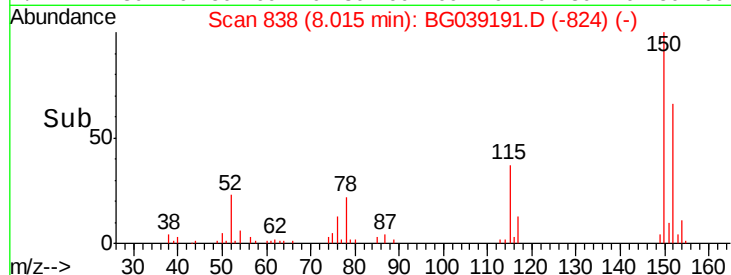
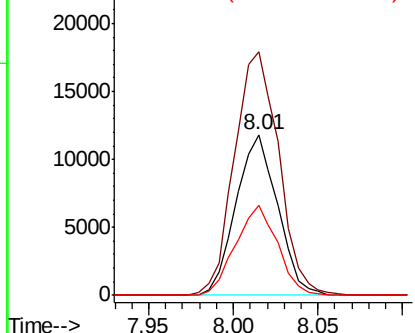
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENT

Tot Ion:152 Resp: 20231
Ion Ratio Lower Upper
152 100
150 151.7 124.7 187.1
115 55.9 46.5 69.7



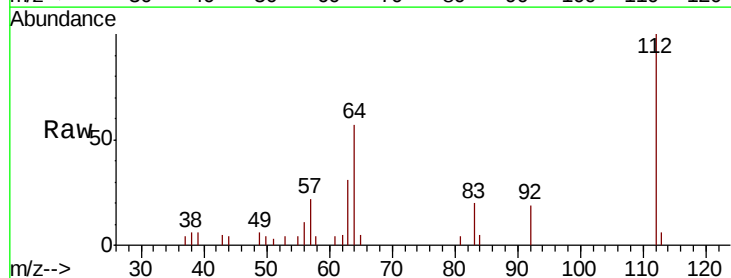
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



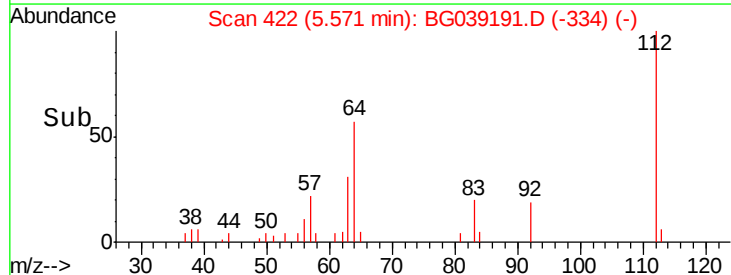
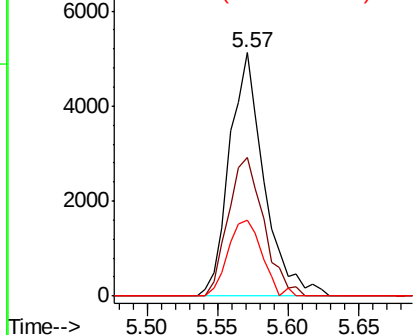
#5

2-Fluorophenol
Concen: 8.203 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Tgt Ion:112 Resp: 8748
Ion Ratio Lower Upper
112 100
64 56.8 47.0 70.6
63 31.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 4.690 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENT

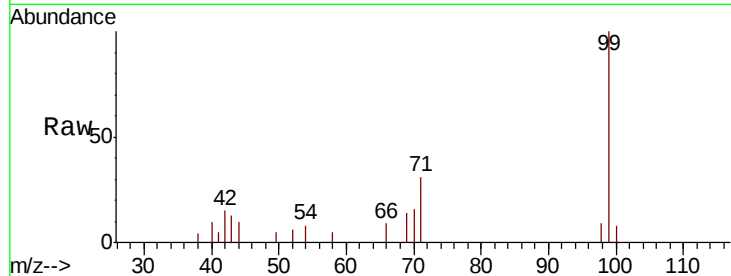
Tot Ion: 99 Resp: 7198

Ion Ratio Lower Upper

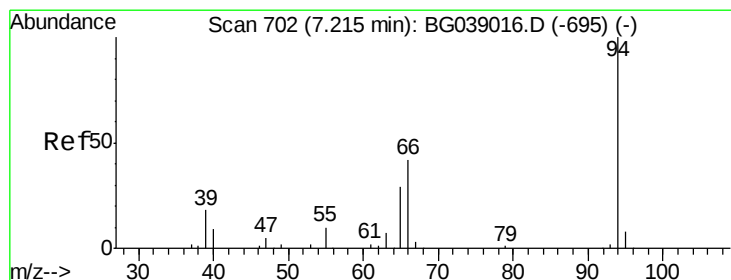
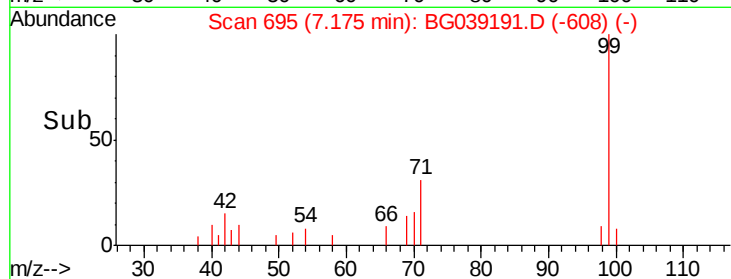
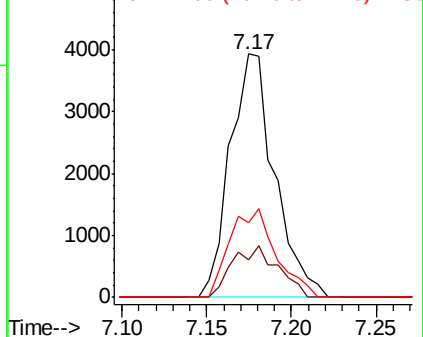
99 100

42 15.5 15.8 23.6#

71 30.7 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.662 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

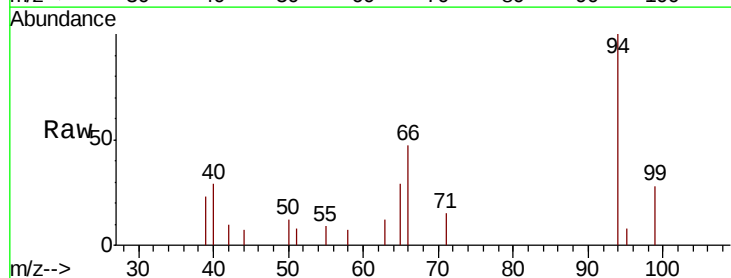
Tgt Ion: 94 Resp: 4096

Ion Ratio Lower Upper

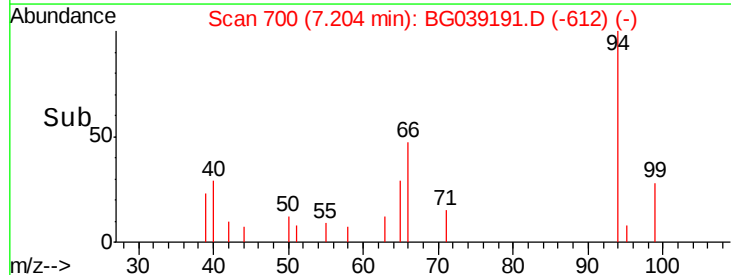
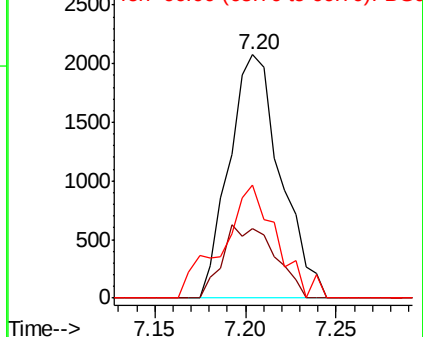
94 100

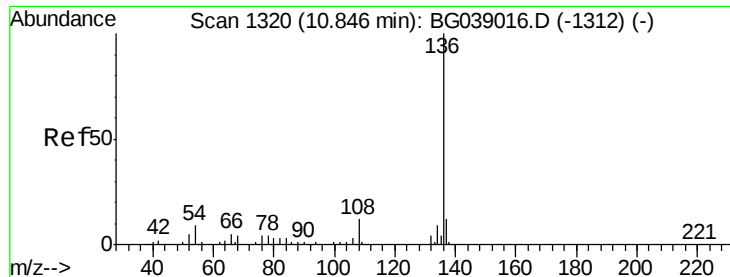
65 28.6 10.3 50.3

66 46.5 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

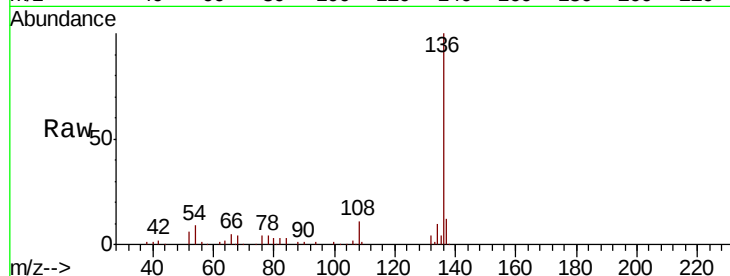




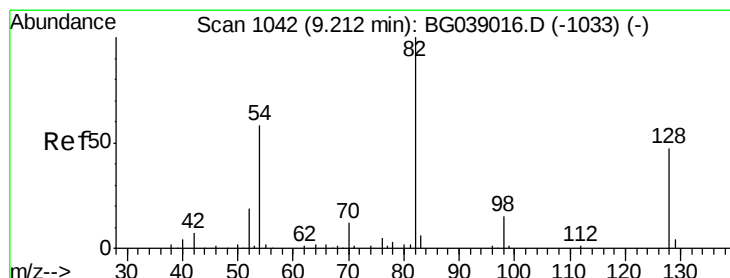
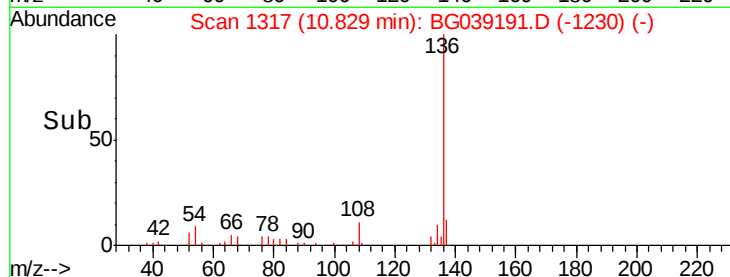
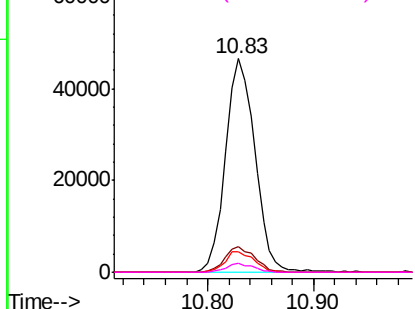
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENT

Tot Ion:136	Resp:	89901
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.4 14.2
54	9.4	7.2 10.8
68	4.2	3.5 5.3

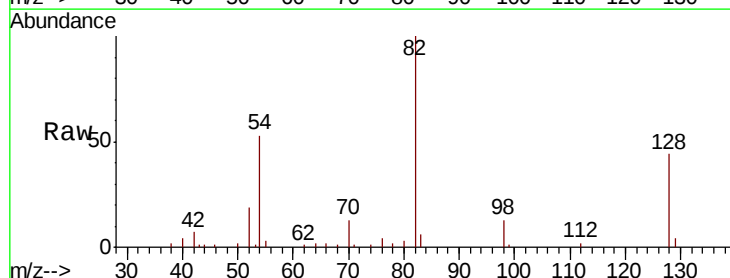


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

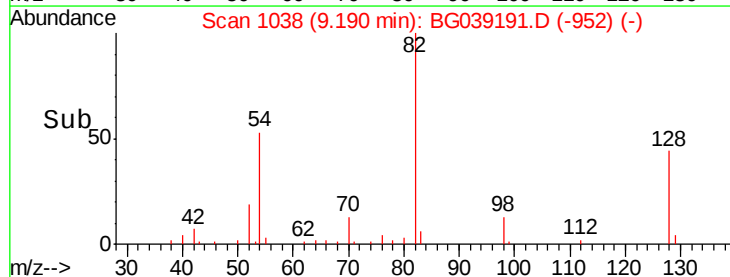
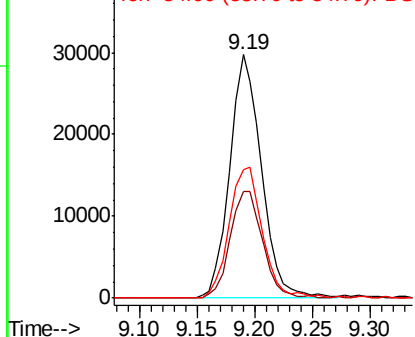


#23
Nitrobenzene-d5
Concen: 34.582 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Tgt Ion: 82	Resp:	56817
Ion	Ratio	Lower Upper
82	100	
128	43.9	37.3 55.9
54	52.8	46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENT

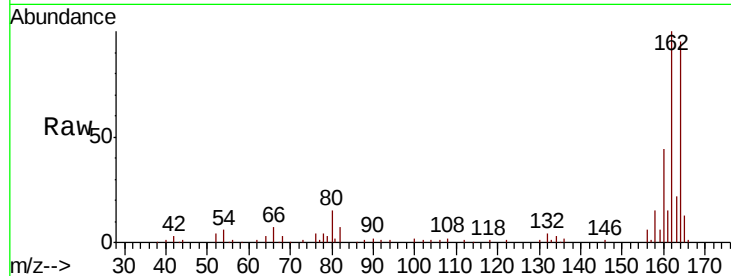
Tot Ion:164 Resp: 66768

Ion Ratio Lower Upper

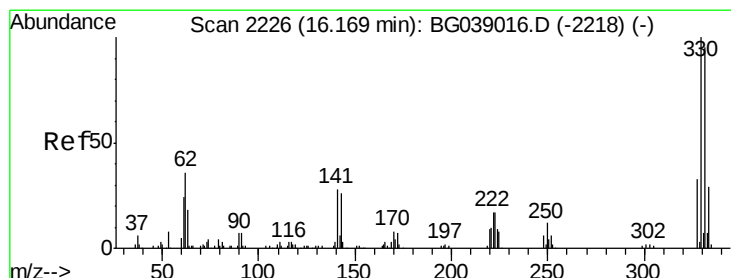
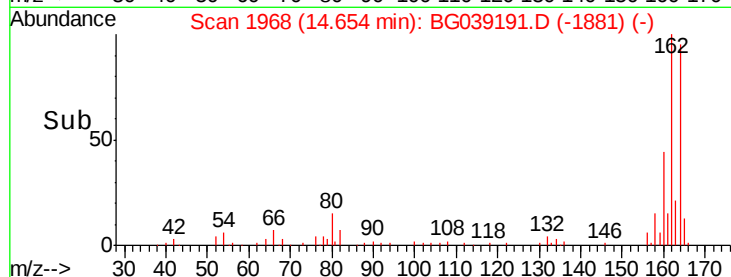
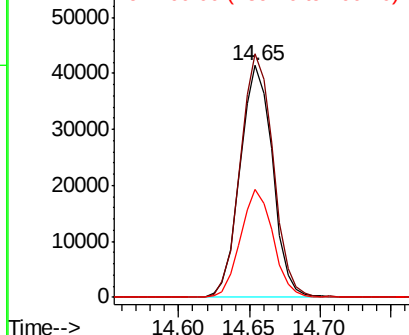
164 100

162 104.9 87.2 130.8

160 46.7 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 13.175 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

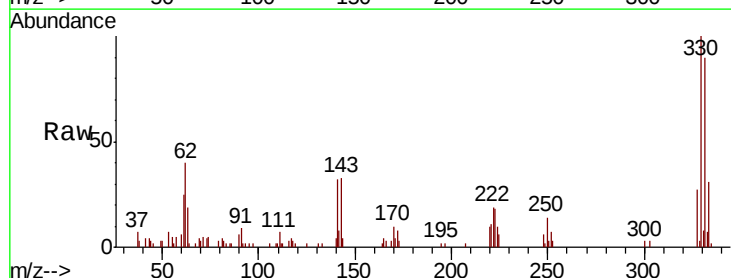
Tgt Ion:330 Resp: 14746

Ion Ratio Lower Upper

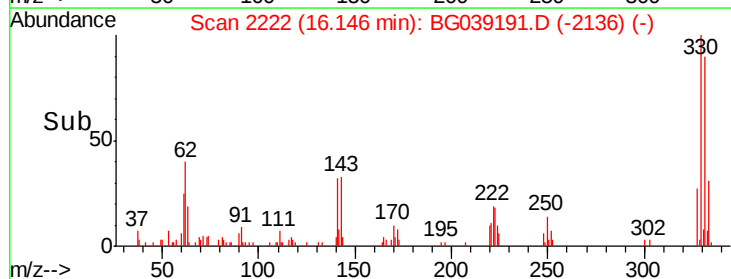
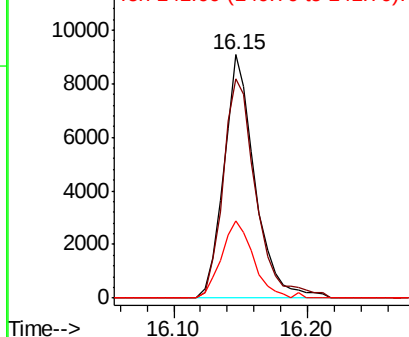
330 100

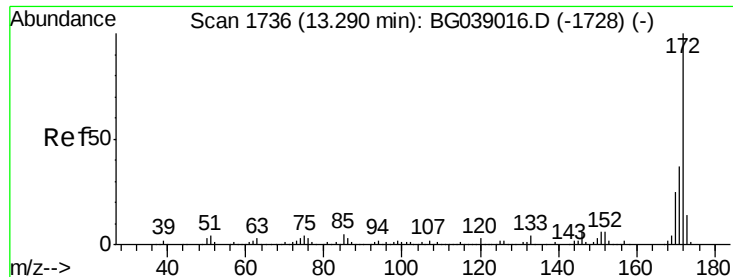
332 95.3 75.7 113.5

141 32.5 24.9 37.3



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

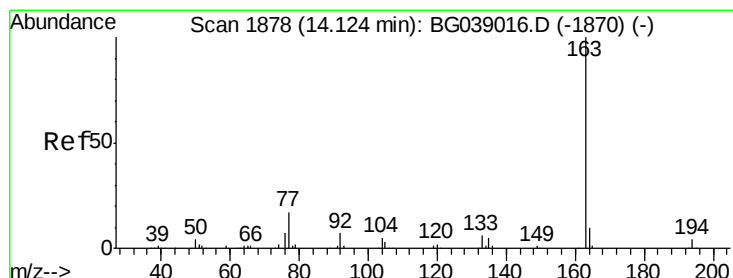
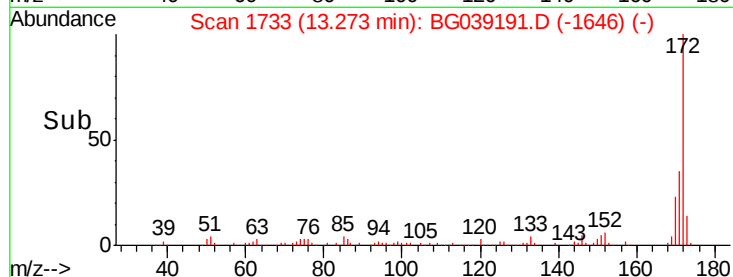
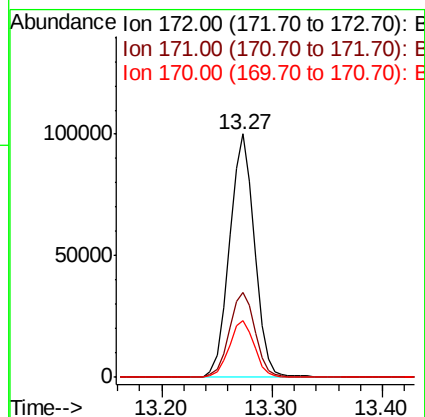
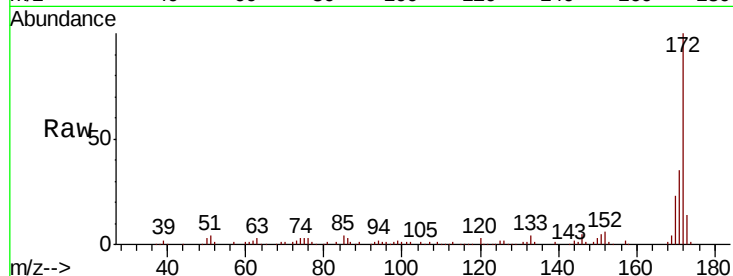




#45
2-Fluorobiphenyl
Concen: 32.555 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

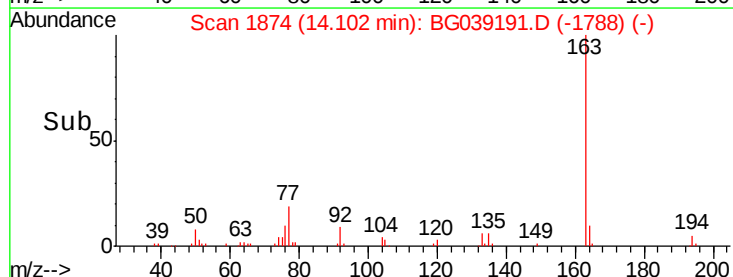
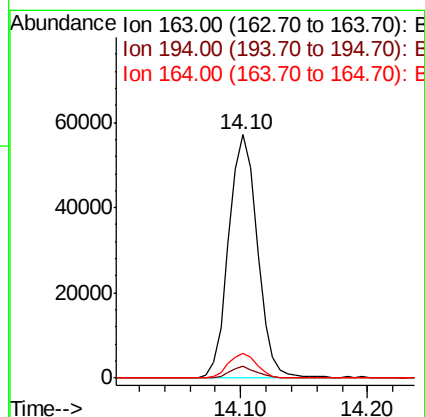
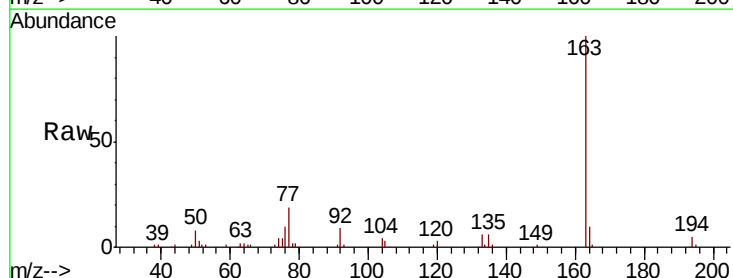
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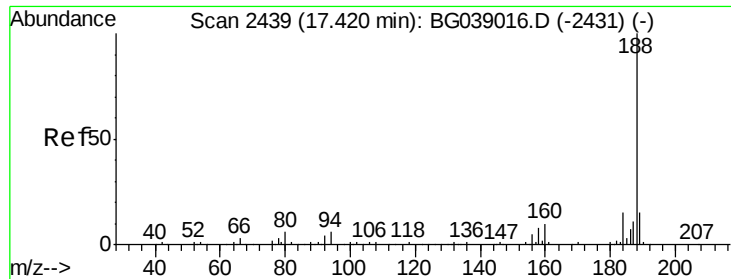
Tot Ion:172 Resp: 158824
Ion Ratio Lower Upper
172 100
171 34.8 29.4 44.0
170 23.1 20.1 30.1



#50
Dimethylphthalate
Concen: 15.887 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Tgt Ion:163 Resp: 89636
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.1 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENT

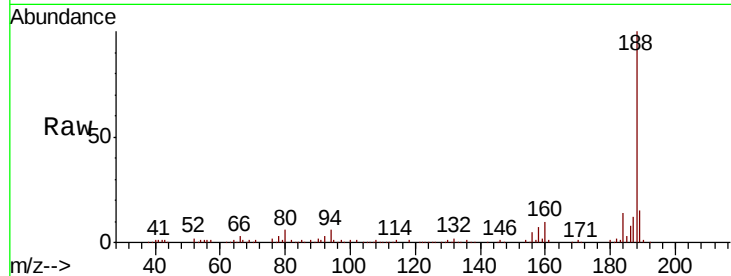
Tot Ion:188 Resp: 158835

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

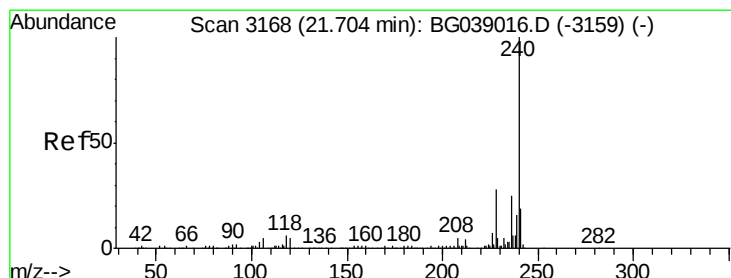
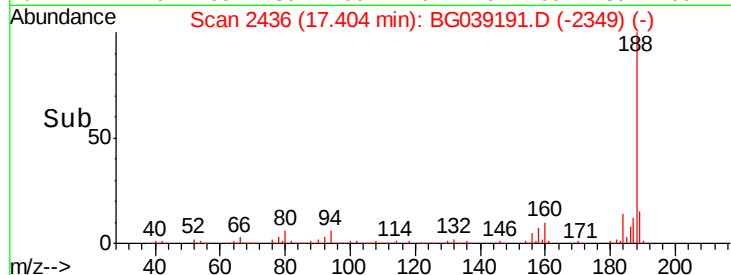
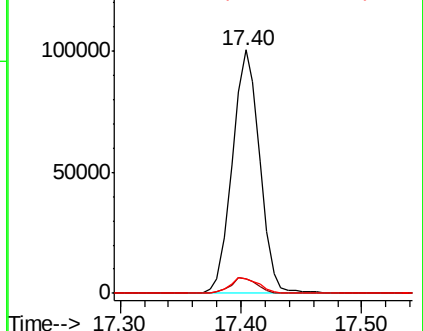
80 5.9 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

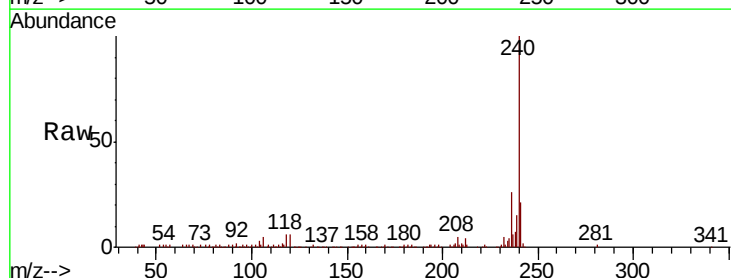
Tgt Ion:240 Resp: 159298

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

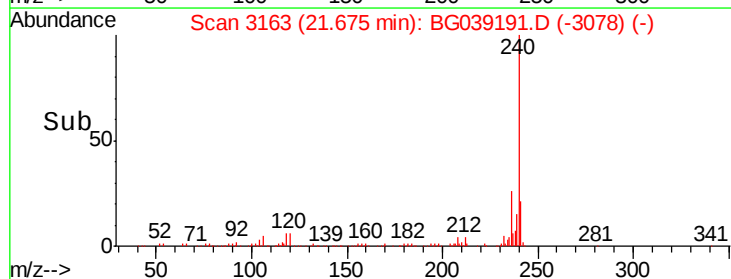
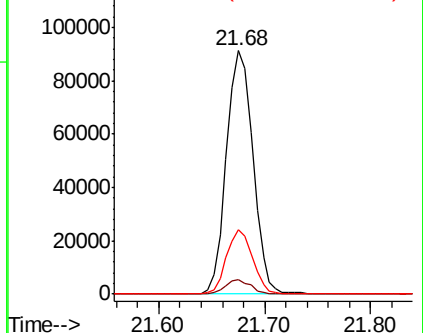
236 26.3 20.1 30.1

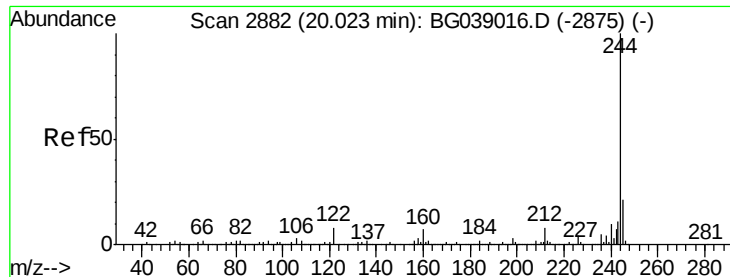


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 30.688 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

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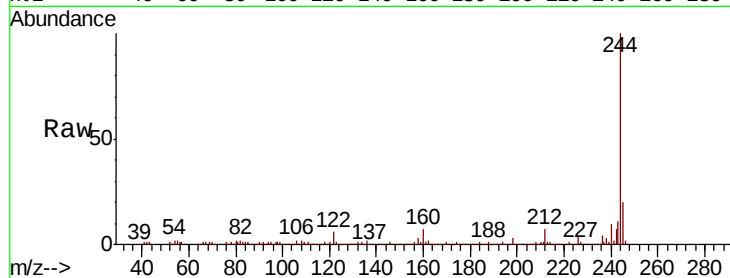
Tot Ion:244 Resp: 264262

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

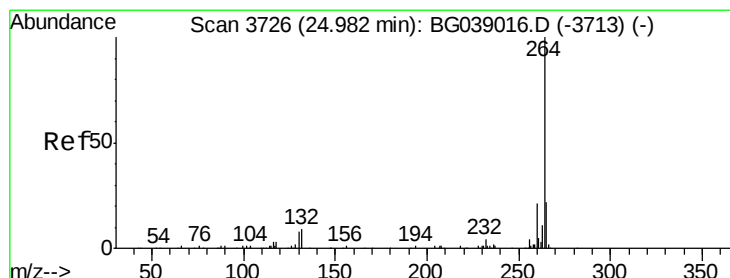
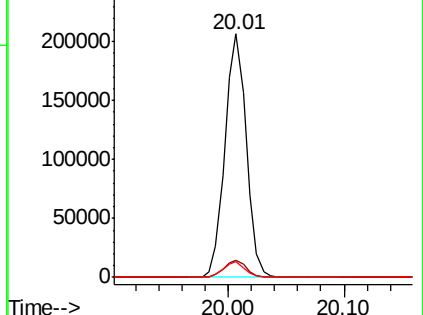
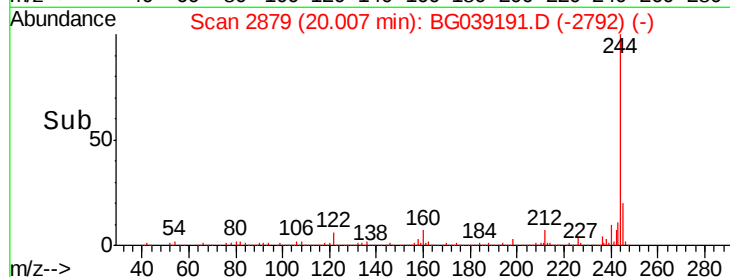
122 6.4 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.04 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

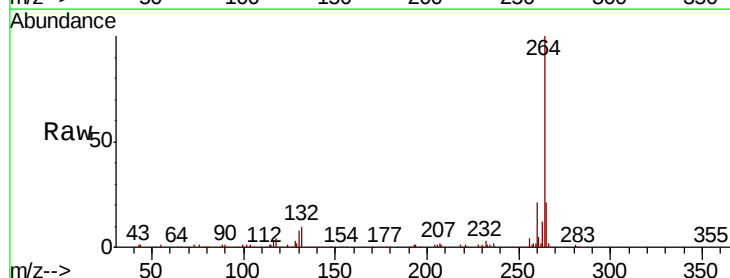
Tgt Ion:264 Resp: 192751

Ion Ratio Lower Upper

264 100

260 21.1 17.0 25.6

265 20.6 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

