

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043269.D
 Acq On : 17 Oct 2019 19:39
 Operator : JU
 Sample : K5266-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190883-FIELD-BLANK

Quant Time: Oct 18 02:08:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

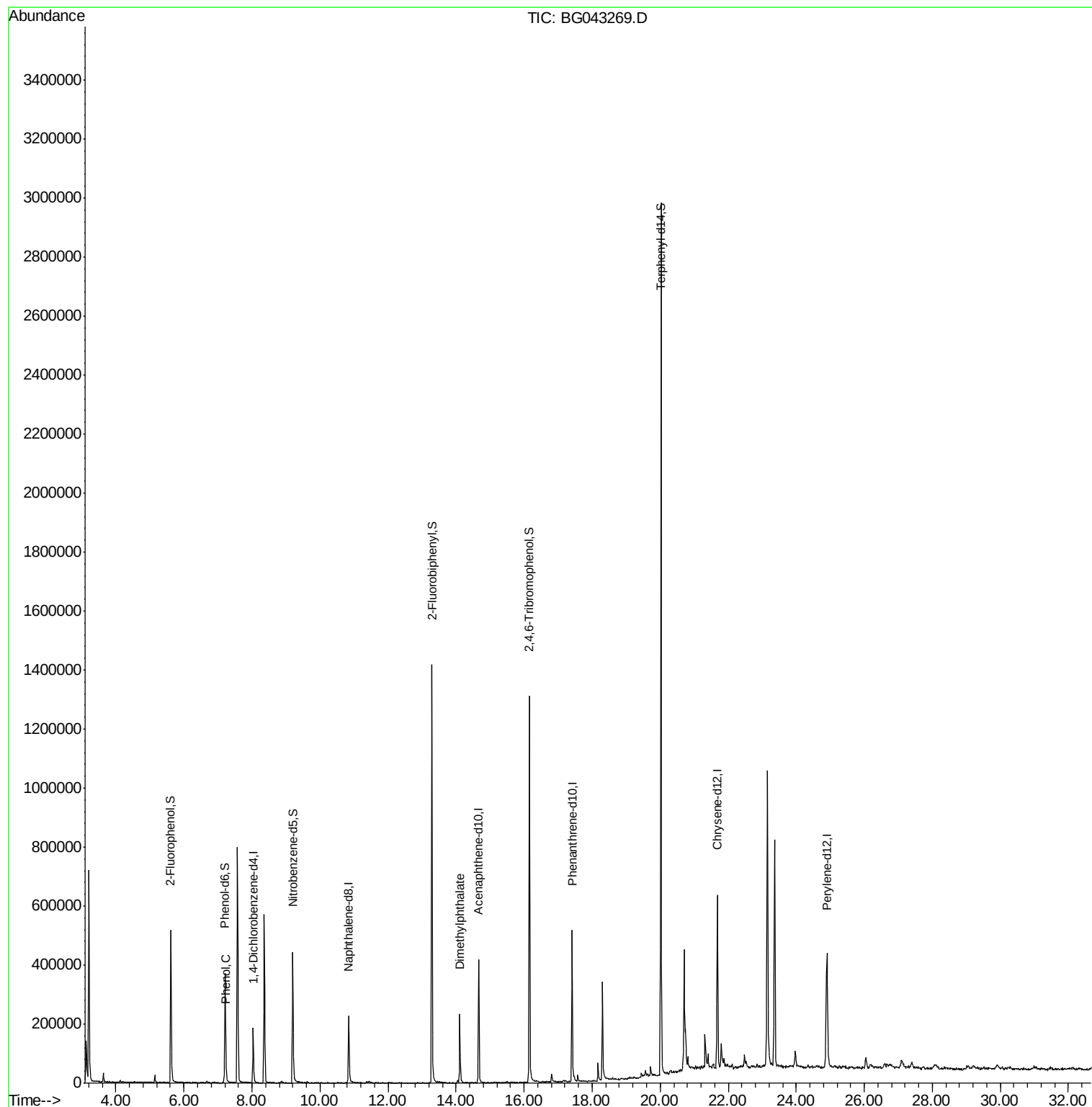
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56017	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	216419	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	162186	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	351159	20.00	ng	0.00
76) Chrysene-d12	21.68	240	379508	20.00	ng	0.00
87) Perylene-d12	24.89	264	455189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238737	76.06	ng	-0.02
7) Phenol-d6	7.21	99	241957	53.53	ng	-0.02
23) Nitrobenzene-d5	9.20	82	300942	67.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	319377	114.52	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	808508	72.27	ng	-0.02
79) Terphenyl-d14	20.02	244	1509370	84.75	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15628	3.768	ng	87
50) Dimethylphthalate	14.11	163	172308	14.179	ng	100

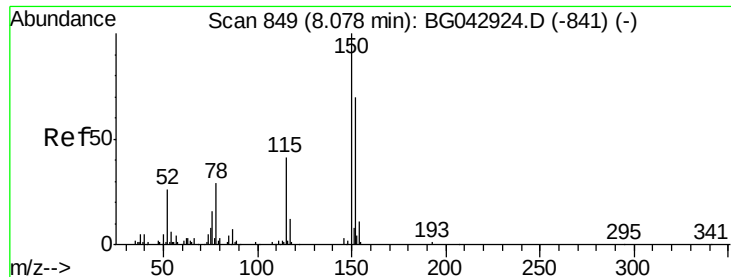
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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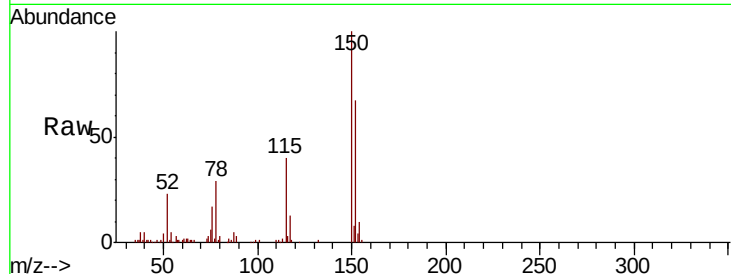


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043269.D
Acq: 17 Oct 2019 19:39

Instrument :
BNA_G
ClientSampleId :
20190883-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	115.0	172.4
115	59.8	47.0	70.6

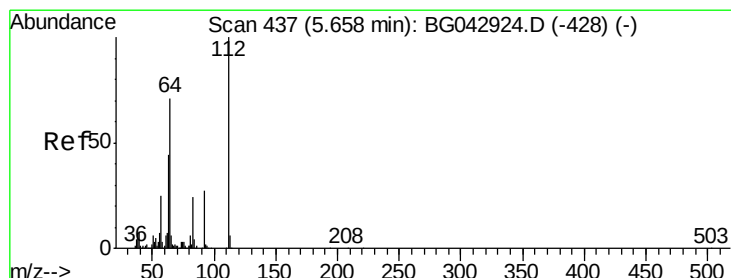
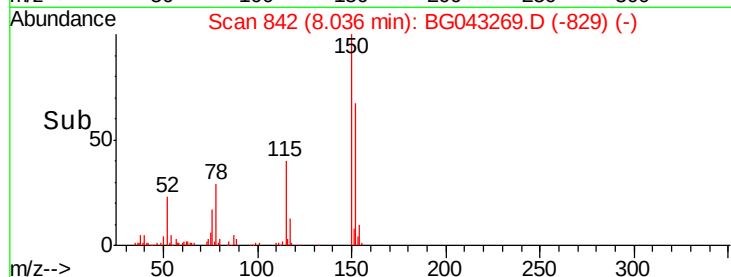
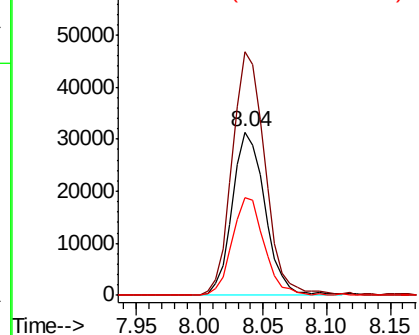


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

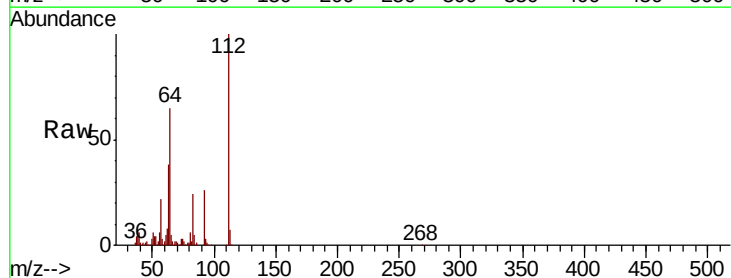
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.058 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043269.D
Acq: 17 Oct 2019 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.6	84.8
63	38.4	35.1	52.7

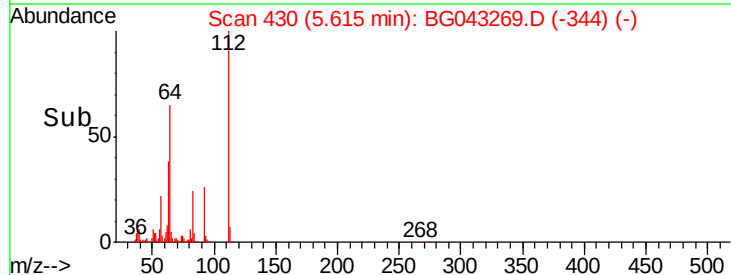
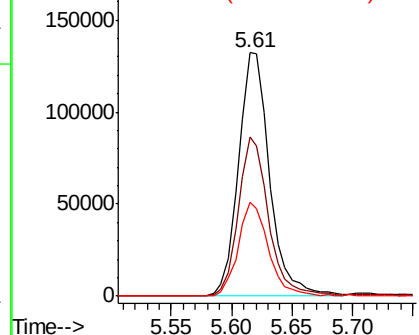


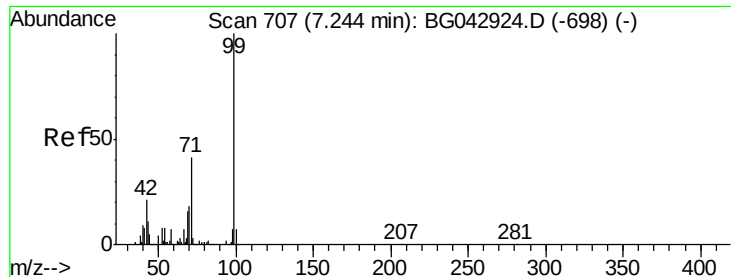
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 53.528 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

Instrument :

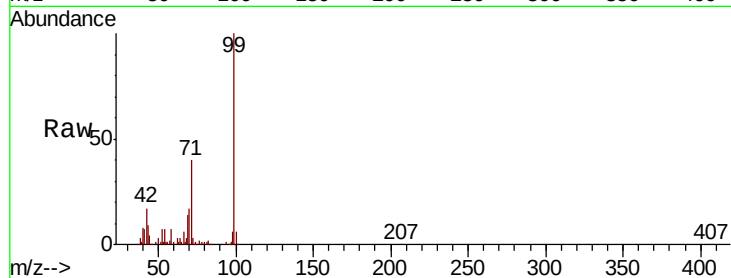
BNA_G

ClientSampleId :

20190883-FIELD-BLANK

Tot Ion: 99 Resp: 241957

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.2	25.8
71	40.0	33.1	49.7

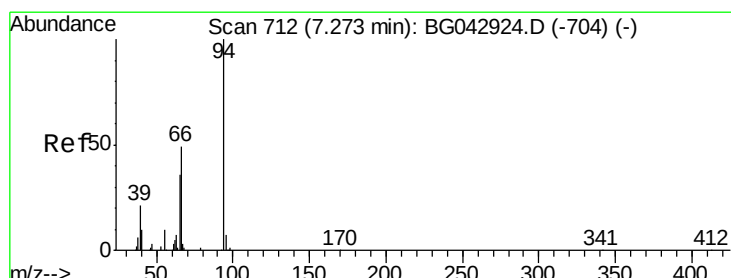
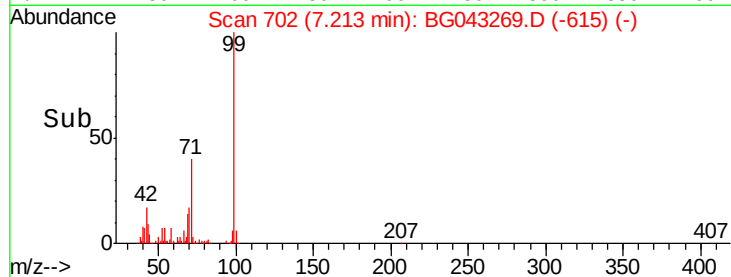


Abundance

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: 3.768 ng

RT: 7.24 min Scan# 706

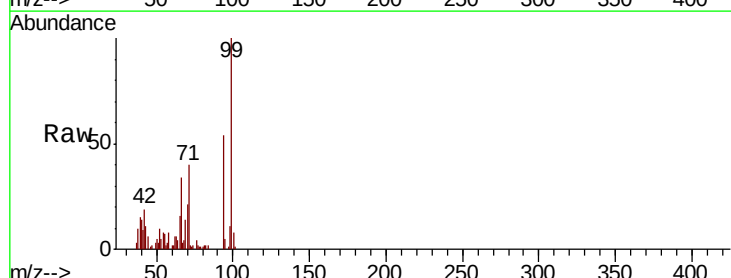
Delta R.T. -0.02 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

Tgt Ion: 94 Resp: 15628

Ion	Ratio	Lower	Upper
94	100		
65	30.2	16.6	56.6
66	62.1	32.4	72.4

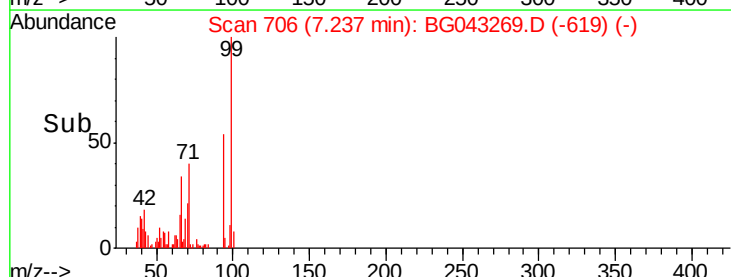


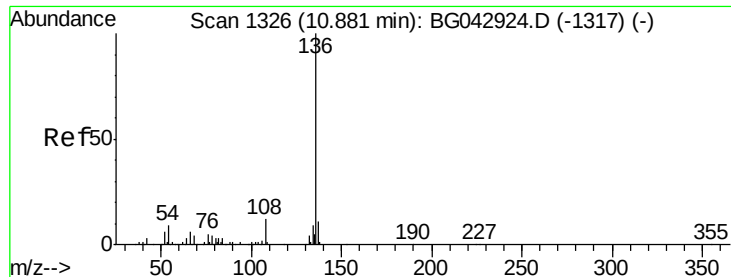
Abundance

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

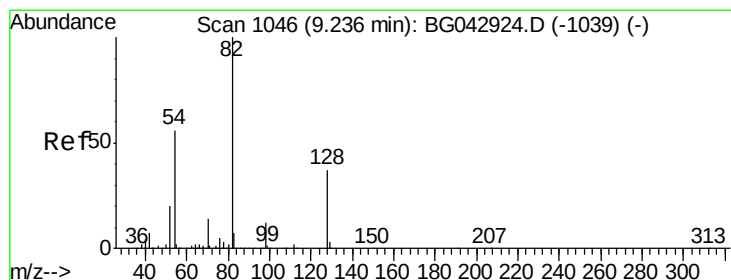
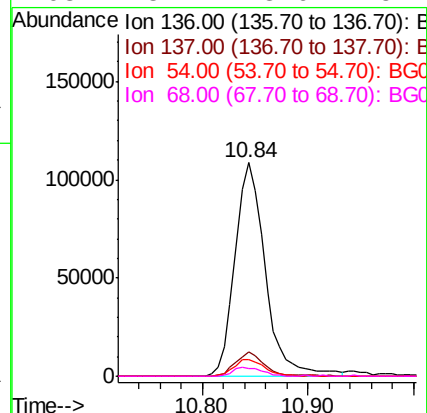
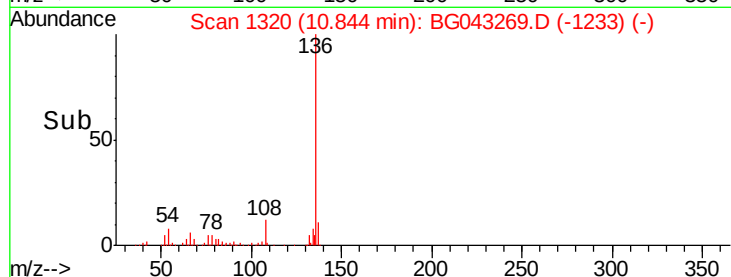
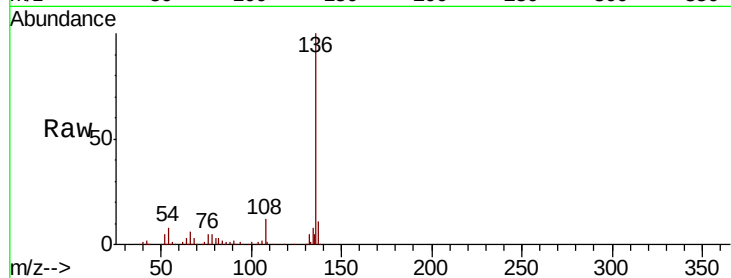




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043269.D
Acq: 17 Oct 2019 19:39

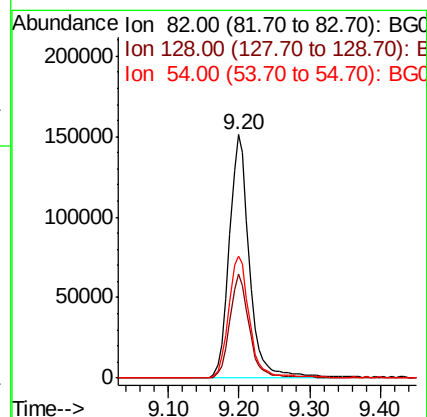
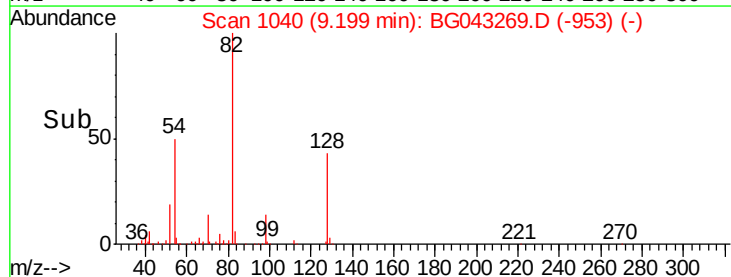
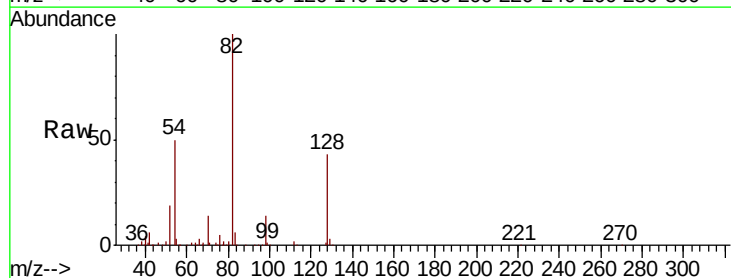
Instrument :
BNA_G
ClientSampleId :
20190883-FIELD-BLANK

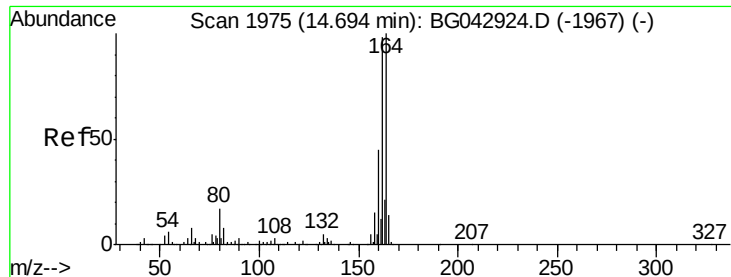
Tot Ion:136	Resp:	216419
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.5	12.7
54 7.8	7.4	11.2
68 3.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 67.588 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043269.D
Acq: 17 Oct 2019 19:39

Tgt Ion: 82	Resp: 300942
Ion Ratio	Lower Upper
82 100	
128 42.9	29.5 44.3
54 50.2	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

Instrument :

BNA_G

ClientSampleId :

20190883-FIELD-BLANK

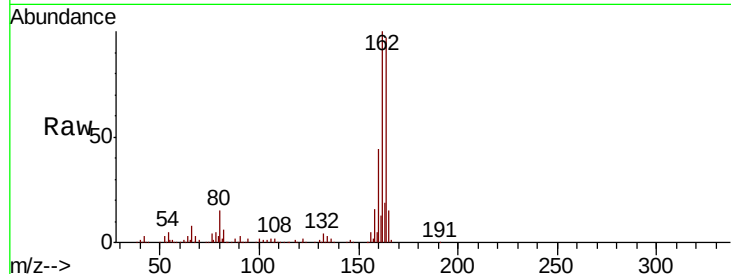
Tot Ion:164 Resp: 162186

Ion Ratio Lower Upper

164 100

162 102.6 78.5 117.7

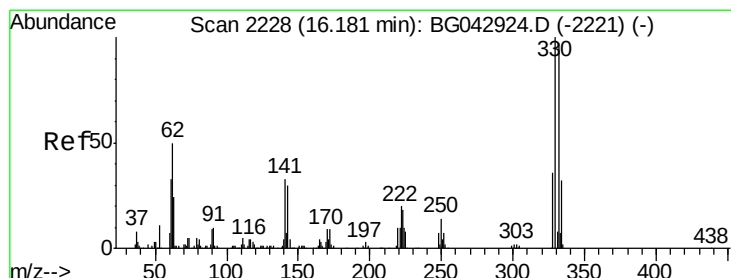
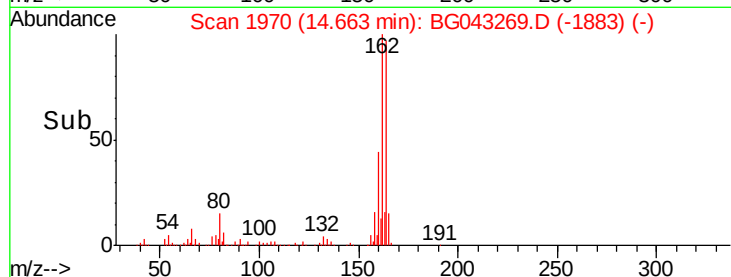
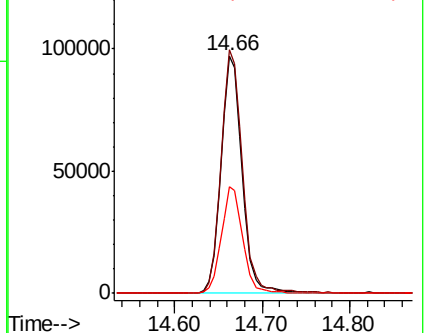
160 45.1 35.9 53.9



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: 114.518 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

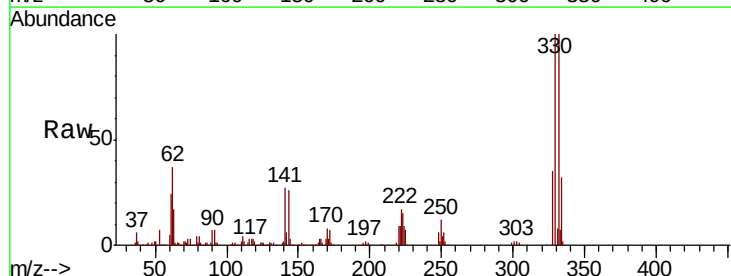
Tgt Ion:330 Resp: 319377

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

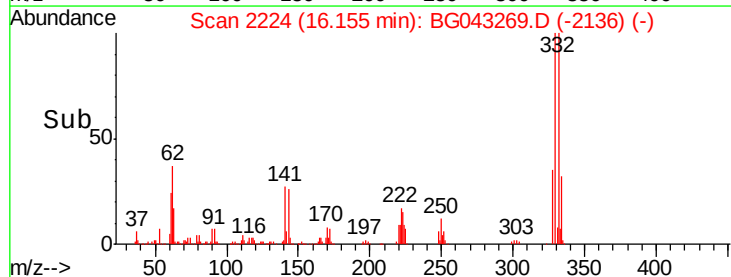
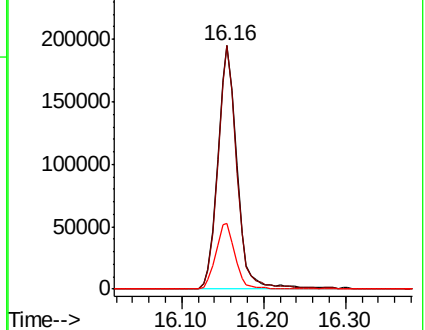
141 27.4 26.0 39.0

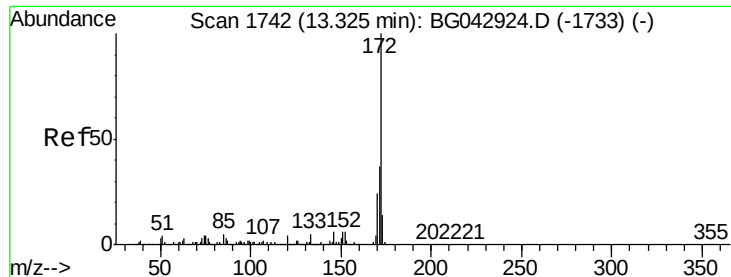


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

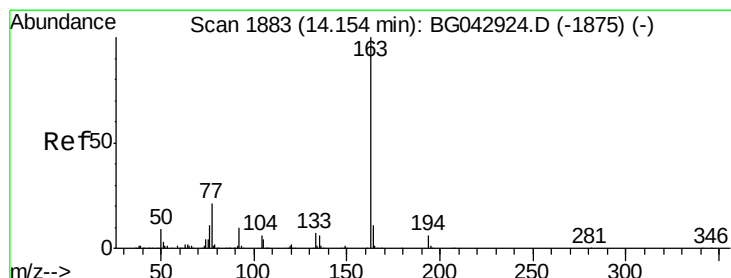
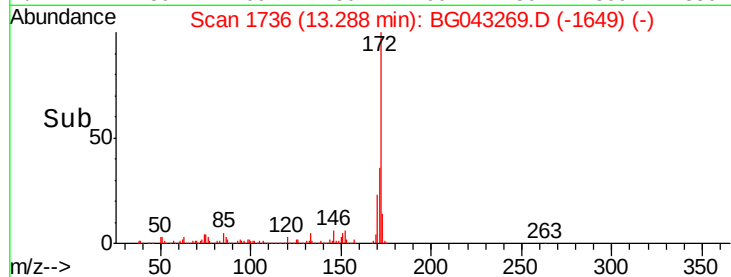
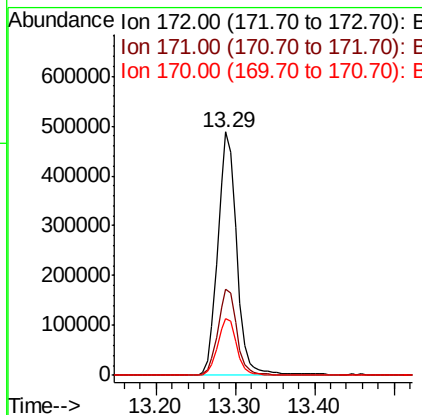
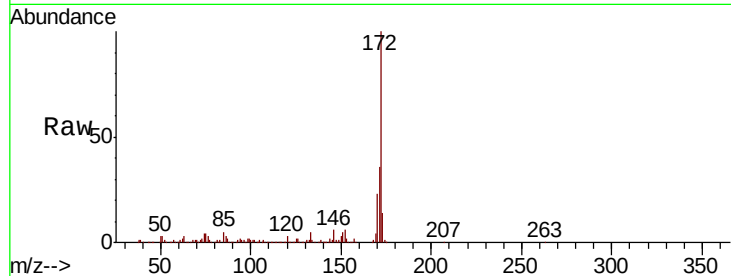




#45
2-Fluorobiphenyl
Concen: 72.268 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043269.D
Acq: 17 Oct 2019 19:39

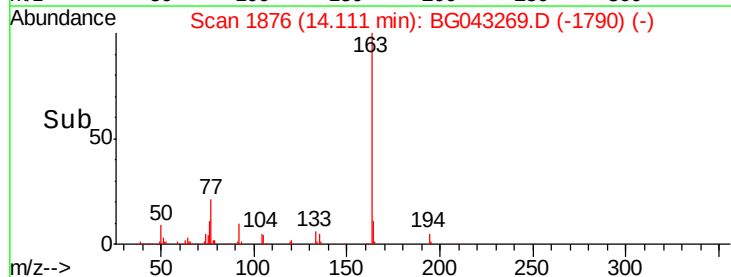
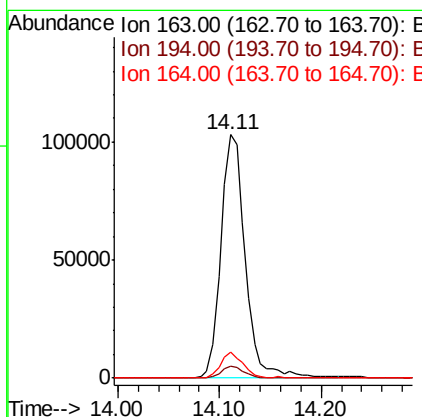
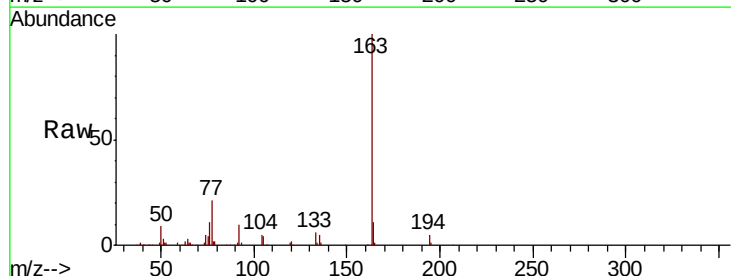
Instrument :
BNA_G
ClientSampleId :
20190883-FIELD-BLANK

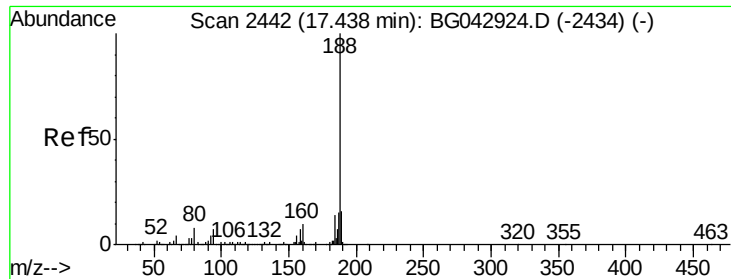
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.6	29.4



#50
Dimethylphthalate
Concen: 14.179 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043269.D
Acq: 17 Oct 2019 19:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.4	6.6
164	10.7	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

Instrument :

BNA_G

ClientSampleId :

20190883-FIELD-BLANK

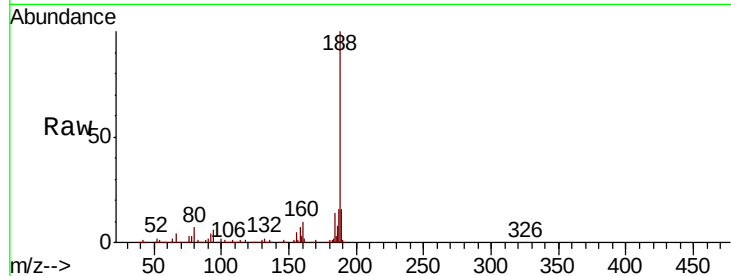
Tot Ion:188 Resp: 351159

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

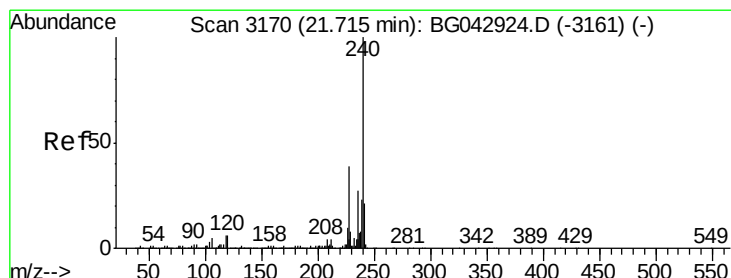
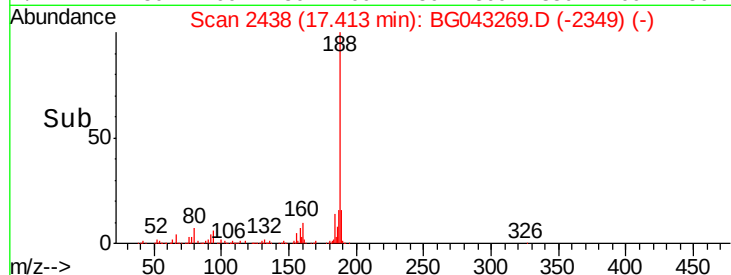
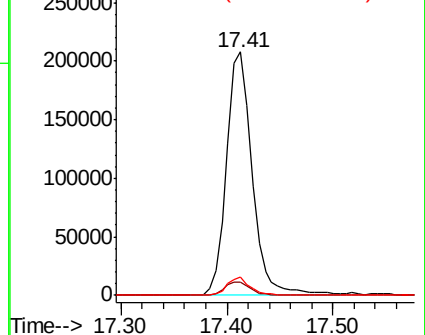
80 7.3 6.5 9.7



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# 3165

Delta R.T. -0.01 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

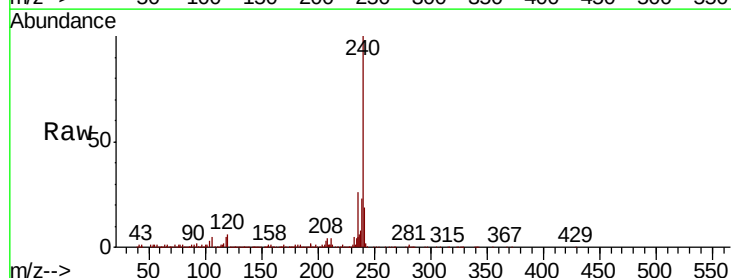
Tgt Ion:240 Resp: 379508

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

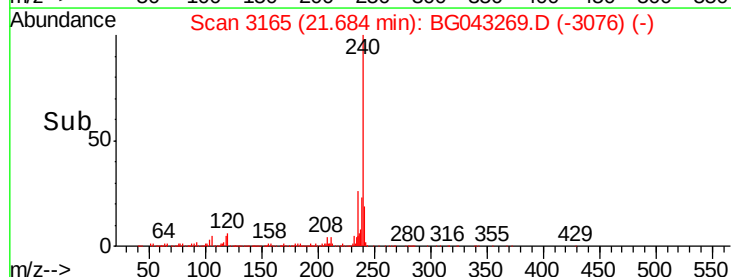
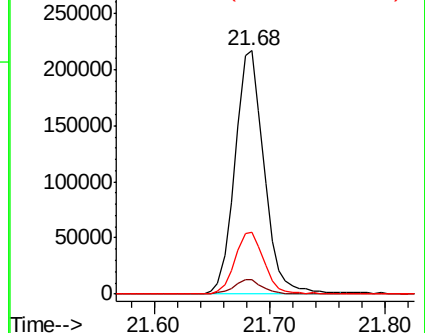
236 25.6 21.4 32.0

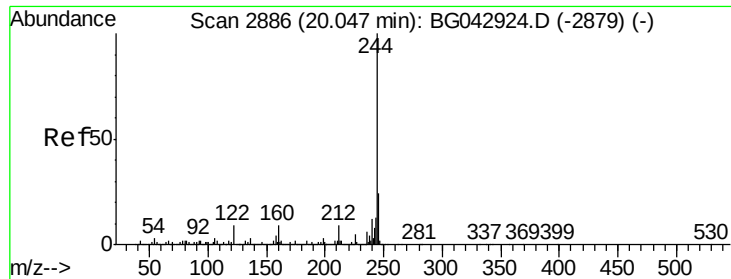


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.749 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

Instrument :

BNA_G

ClientSampleId :

20190883-FIELD-BLANK

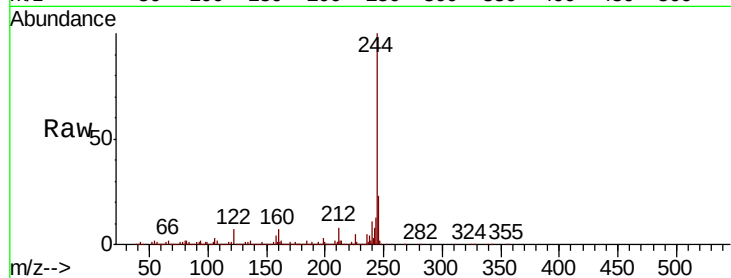
Tot Ion:244 Resp: 1509370

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.0

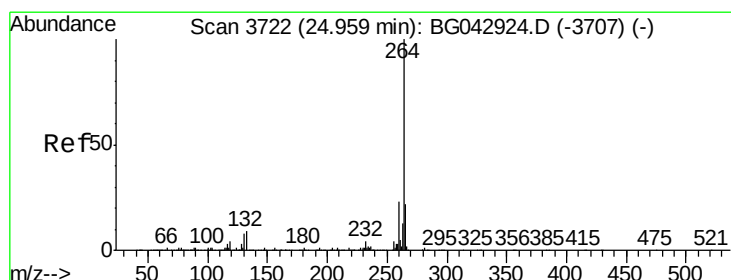
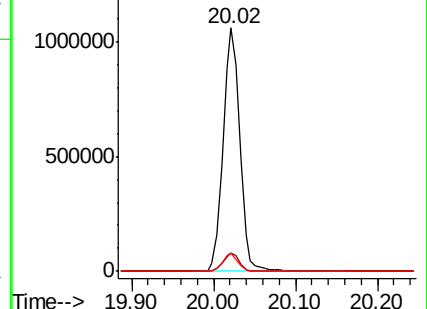
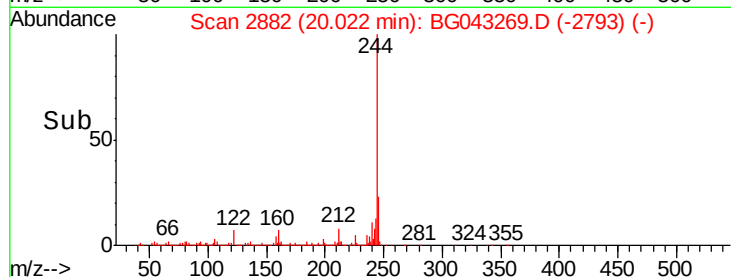
122 7.4 7.0 10.4



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: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG043269.D

Acq: 17 Oct 2019 19:39

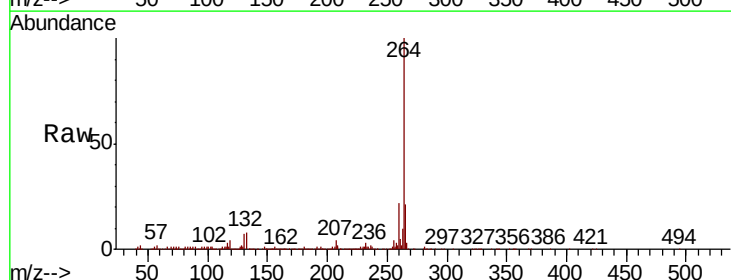
Tgt Ion:264 Resp: 455189

Ion Ratio Lower Upper

264 100

260 21.9 18.7 28.1

265 21.4 17.7 26.5



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

