

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028756.D
 Acq On : 15 Sep 2017 6:38
 Operator : SJ/JU
 Sample : I5224-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-D-M

Quant Time: Sep 15 07:57:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

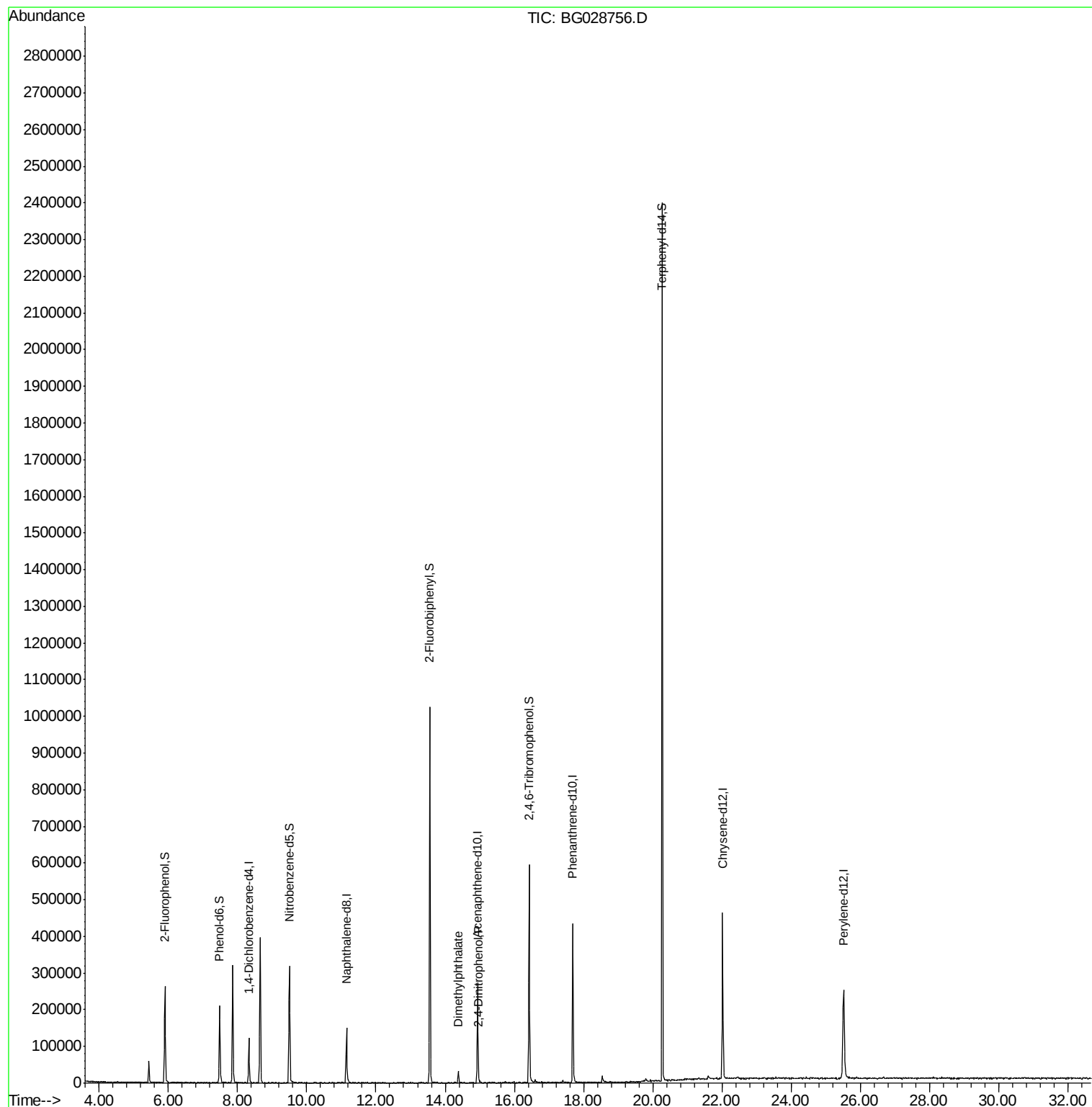
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35622	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	136279	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	105028	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	283795	20.00	ng	0.00
75) Chrysene-d12	22.02	240	314486	20.00	ng	-0.01
86) Perylene-d12	25.52	264	323309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	116687	54.05	ng	0.00
7) Phenol-d6	7.48	99	135441	41.67	ng	-0.01
23) Nitrobenzene-d5	9.50	82	213444	74.92	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	134952	77.69	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	575203	73.03	ng	0.00
78) Terphenyl-d14	20.27	244	1086486	73.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.38	163	23901	2.714	ng	# 93
53) 2,4-Dinitrophenol	14.97	184	60	8.054	ng	# 15

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

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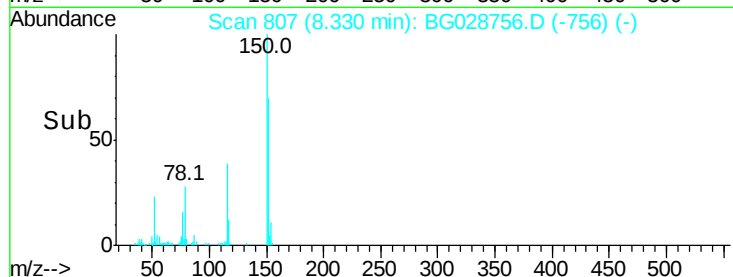
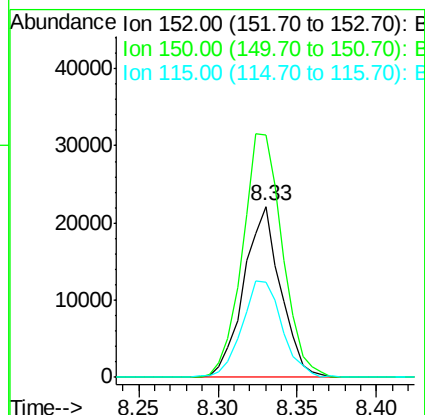
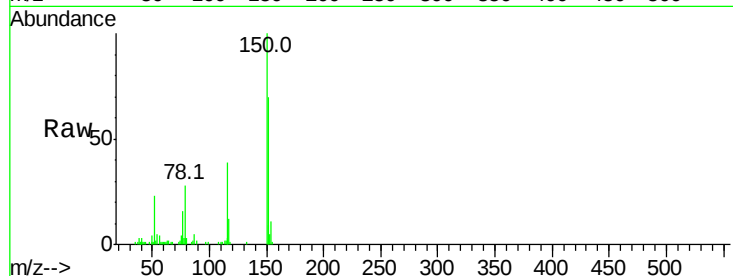


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028756.D
Acq: 15 Sep 2017 6:38

Instrument :
BNA_G
ClientSampleId :
091117-TIDO-F-D-M

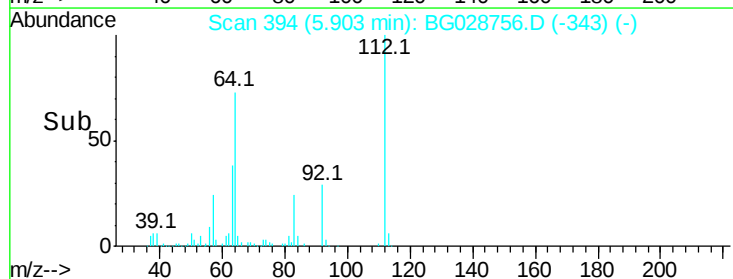
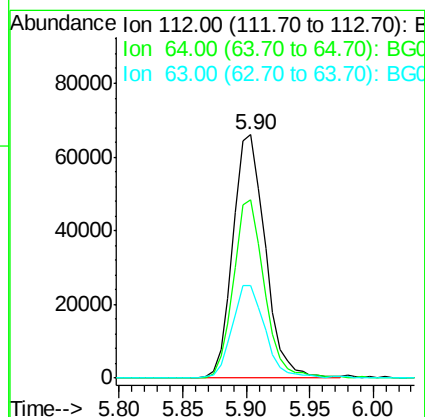
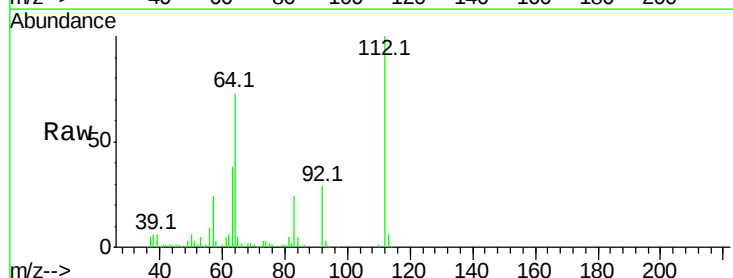
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.9	114.0	171.0
115	55.3	48.1	72.1

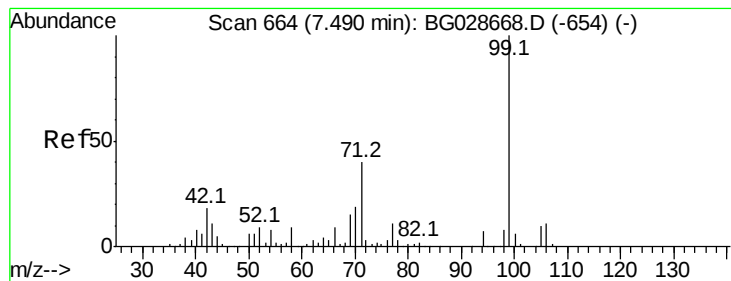


#5

2-Fluorophenol
Concen: 54.051 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028756.D
Acq: 15 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	61.8	92.6
63	38.1	37.2	55.8





#7

Phenol-d6

Concen: 41.669 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

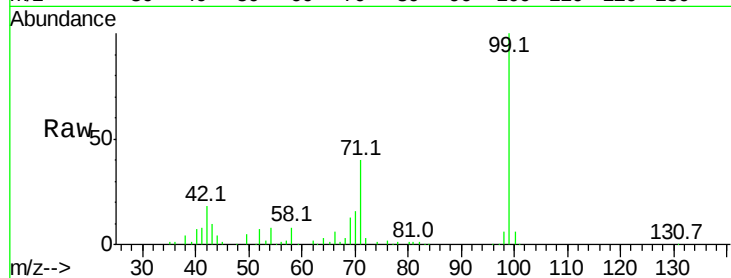
Tot Ion: 99 Resp: 135441

Ion Ratio Lower Upper

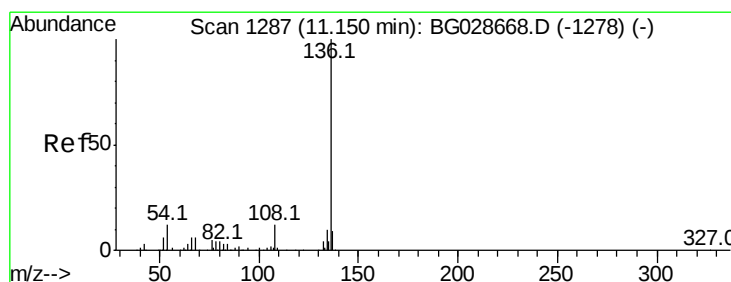
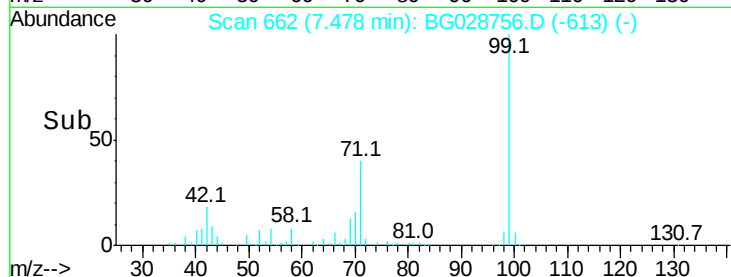
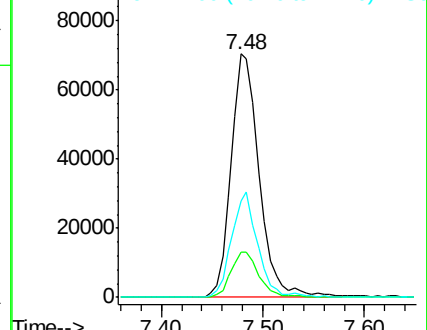
99 100

42 18.3 20.5 30.7#

71 39.9 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Tgt Ion: 136 Resp: 136279

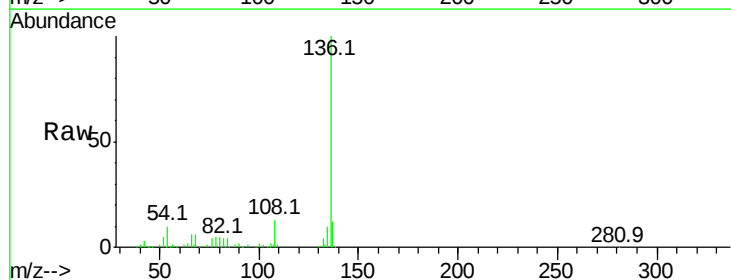
Ion Ratio Lower Upper

136 100

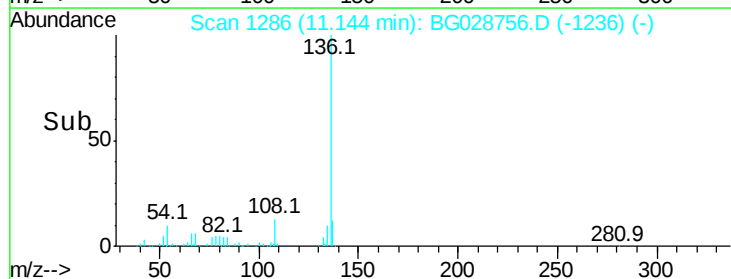
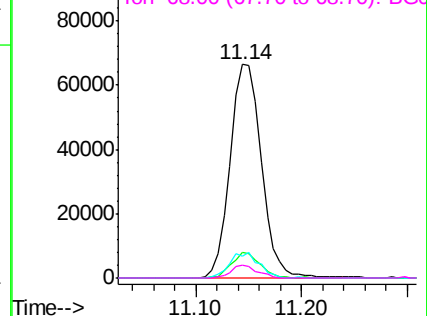
137 12.1 8.9 13.3

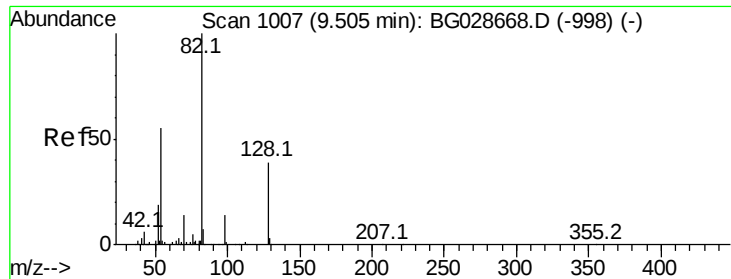
54 10.3 9.3 13.9

68 5.9 5.1 7.7



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

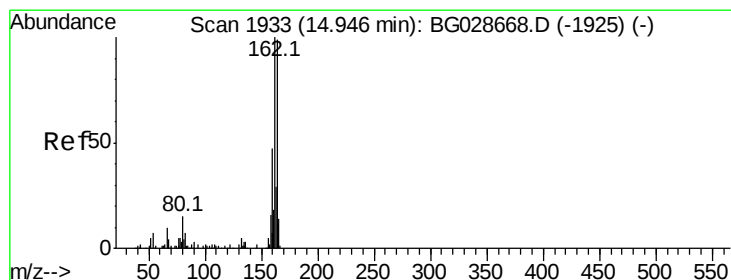
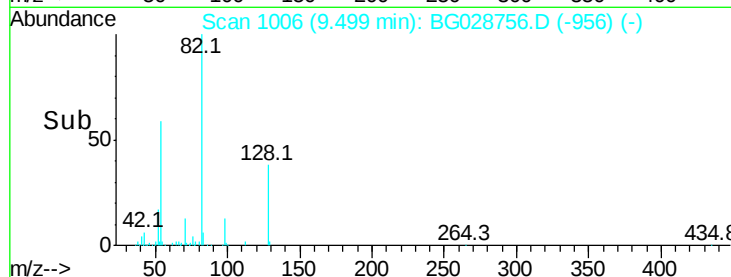
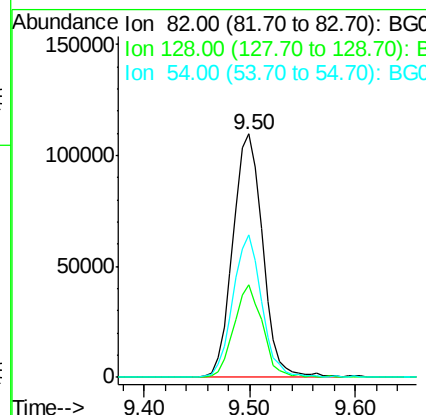
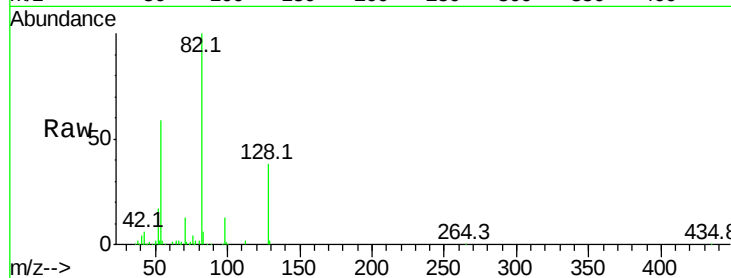




#23
 Nitrobenzene-d5
 Concen: 74.924 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

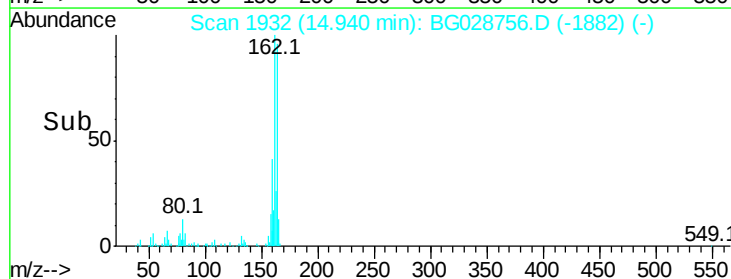
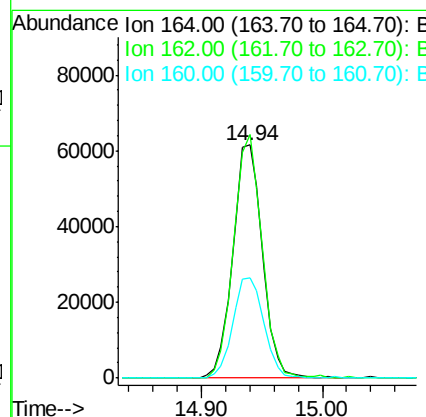
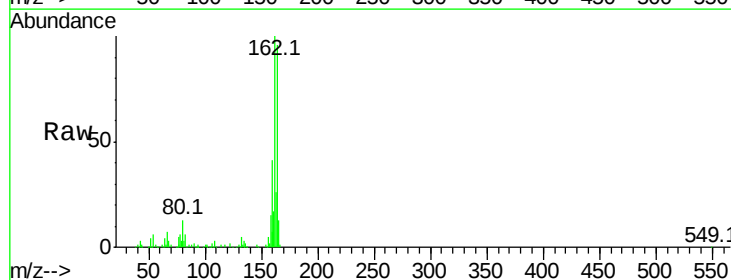
Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-D-M

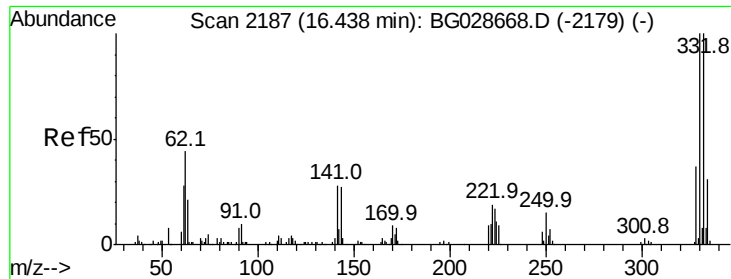
Tot Ion	82	Resp	213444
Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	58.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

Tgt Ion	164	Resp	105028
Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.1	127.7
160	43.0	34.7	52.1

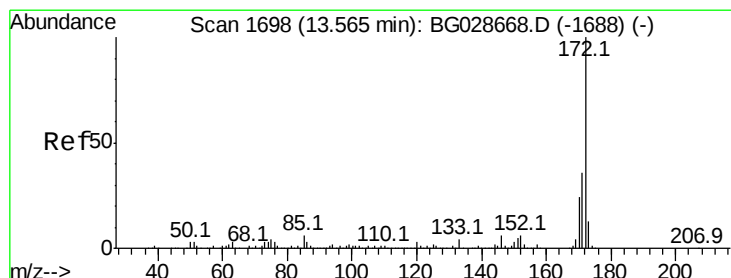
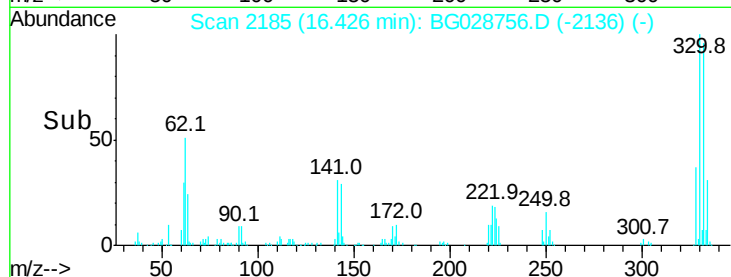
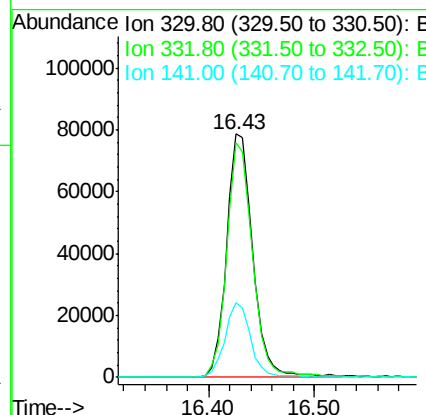
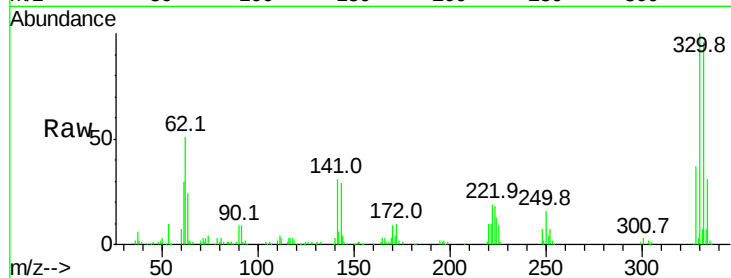




#41
 2,4,6-Tribromophenol
 Concen: 77.688 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

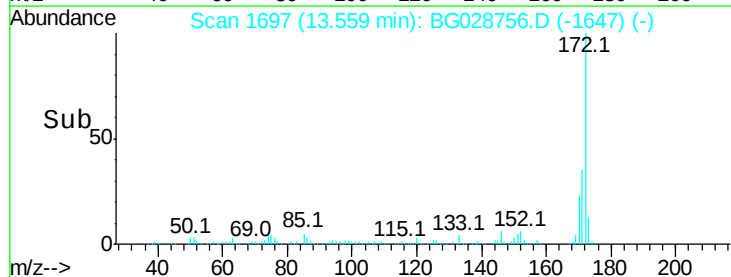
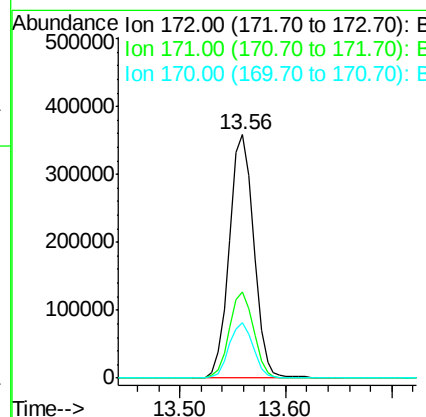
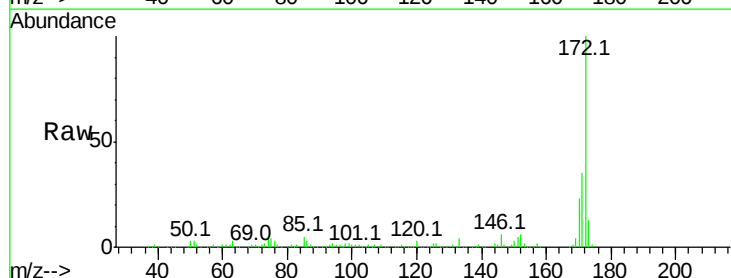
Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-D-M

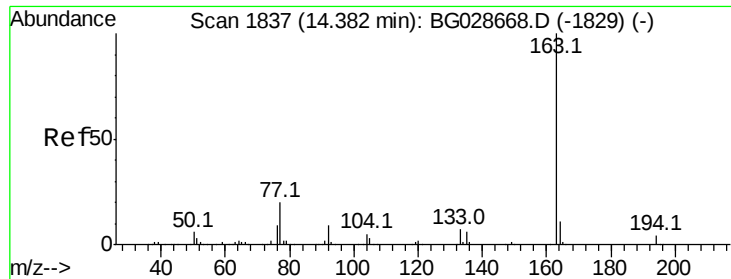
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	30.2	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 73.027 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	22.6	21.8	32.6





#49

Dimethylphthalate

Concen: 2.714 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

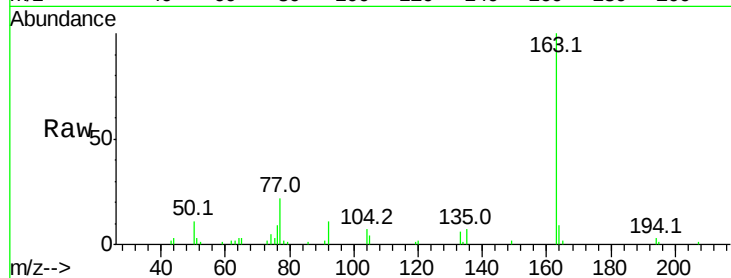
Tot Ion:163 Resp: 23901

Ion Ratio Lower Upper

163 100

194 3.3 3.8 5.6#

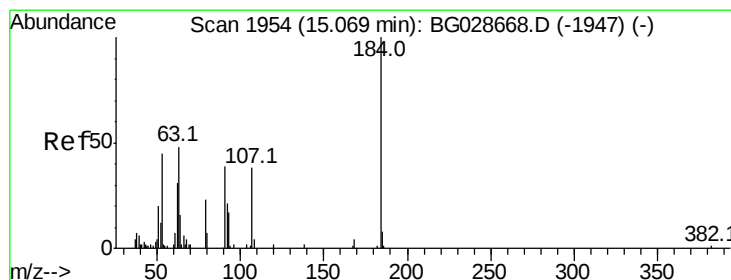
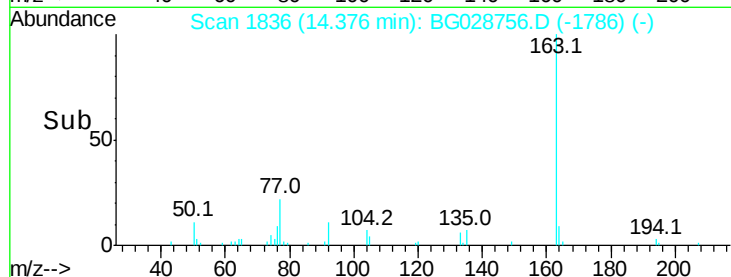
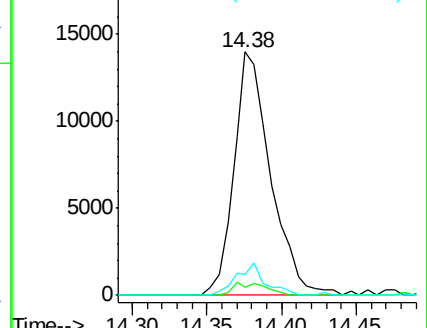
164 8.7 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.054 ng

RT: 14.97 min Scan# 1937

Delta R.T. -0.10 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

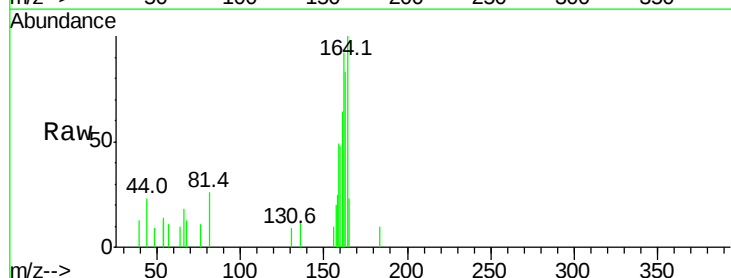
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

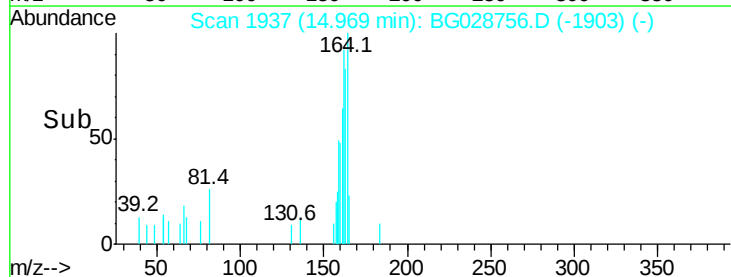
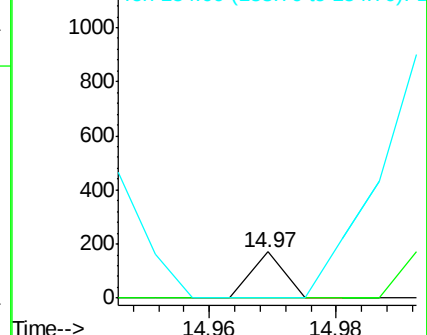
154 0.0 57.3 85.9#

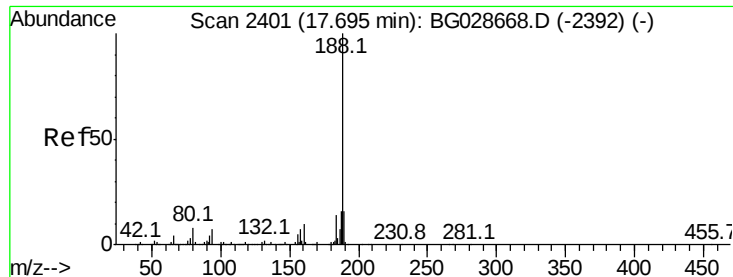


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

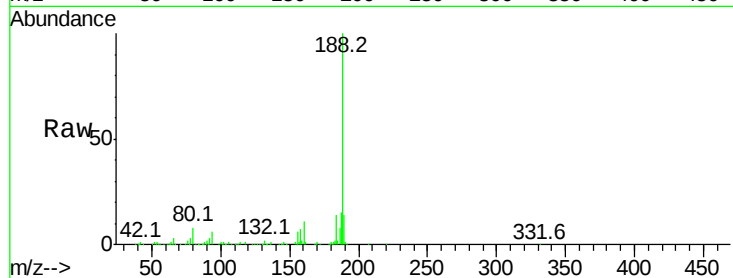
Tot Ion:188 Resp: 283795

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

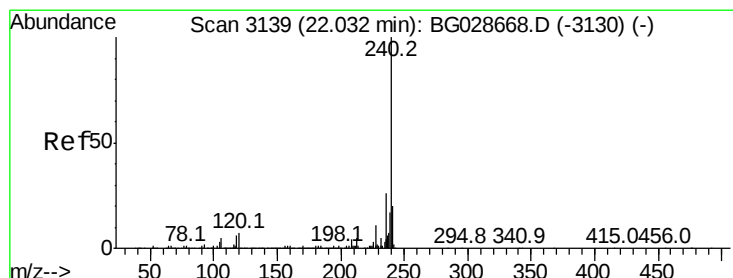
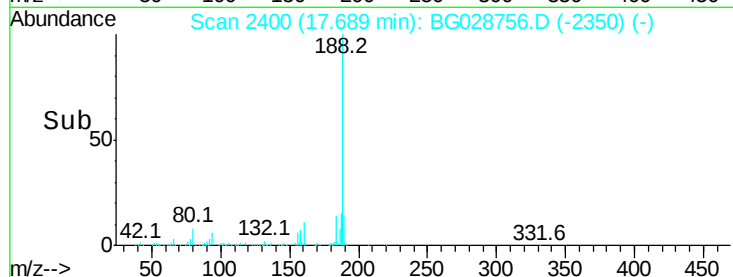
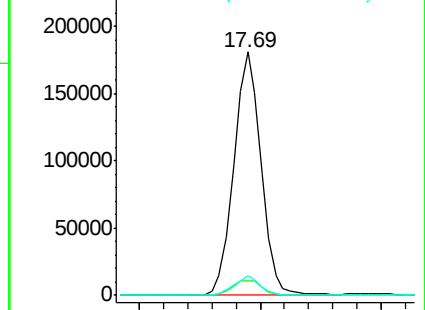
80 8.1 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

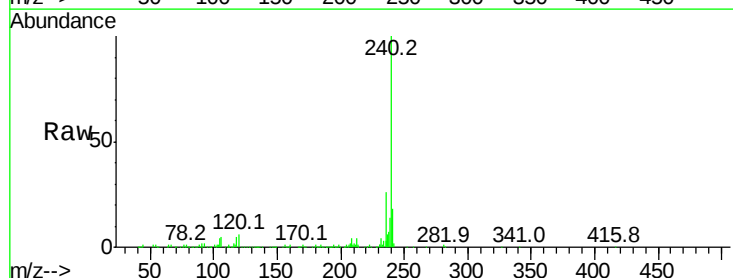
Tgt Ion:240 Resp: 314486

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

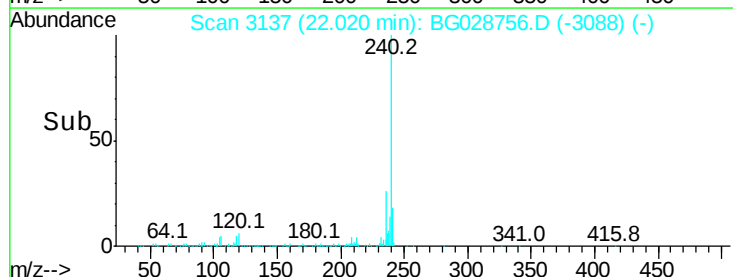
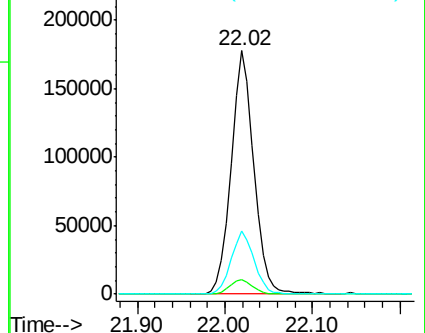
236 26.1 22.2 33.4

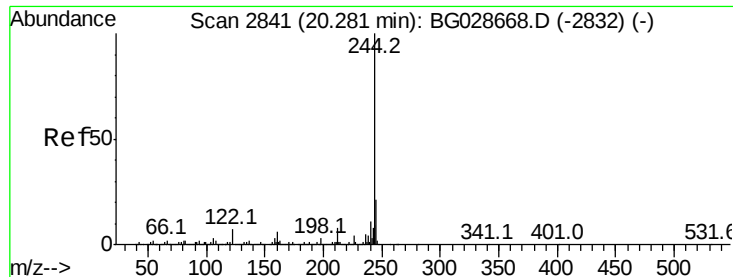


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.676 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

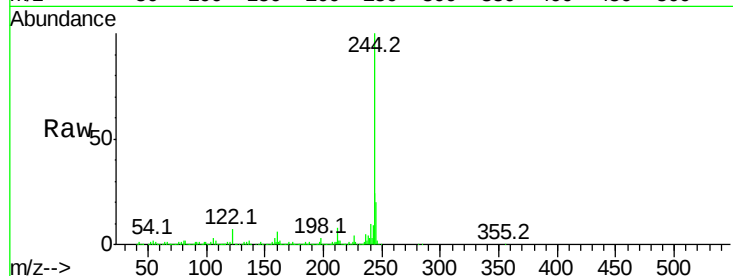
Tot Ion:244 Resp: 1086486

Ion Ratio Lower Upper

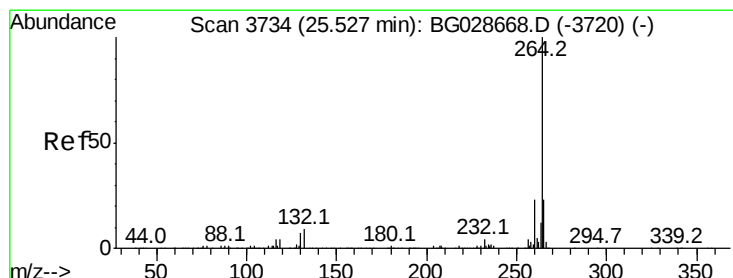
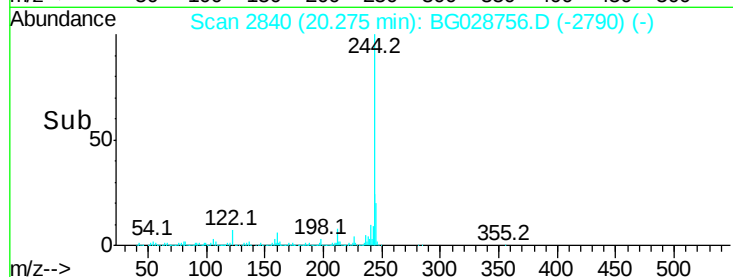
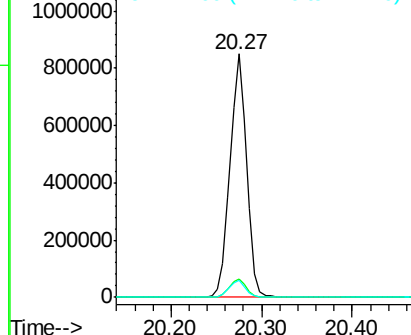
244 100

212 7.6 10.0 15.0#

122 7.0 8.6 12.8#



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: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

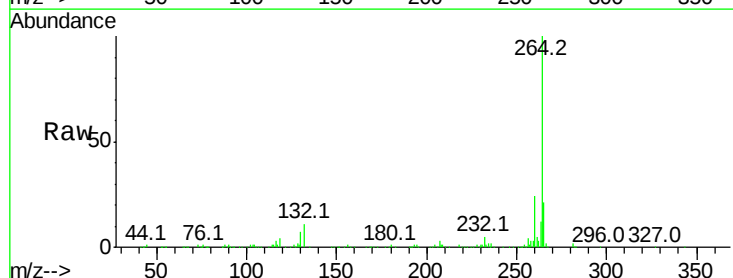
Tgt Ion:264 Resp: 323309

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.5 18.2 27.4



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

