

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033250.D
 Acq On : 19 Mar 2018 21:36
 Operator : SJ/JU
 Sample : J1953-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031418-TIDO-F-D-B

Quant Time: Mar 20 03:51:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

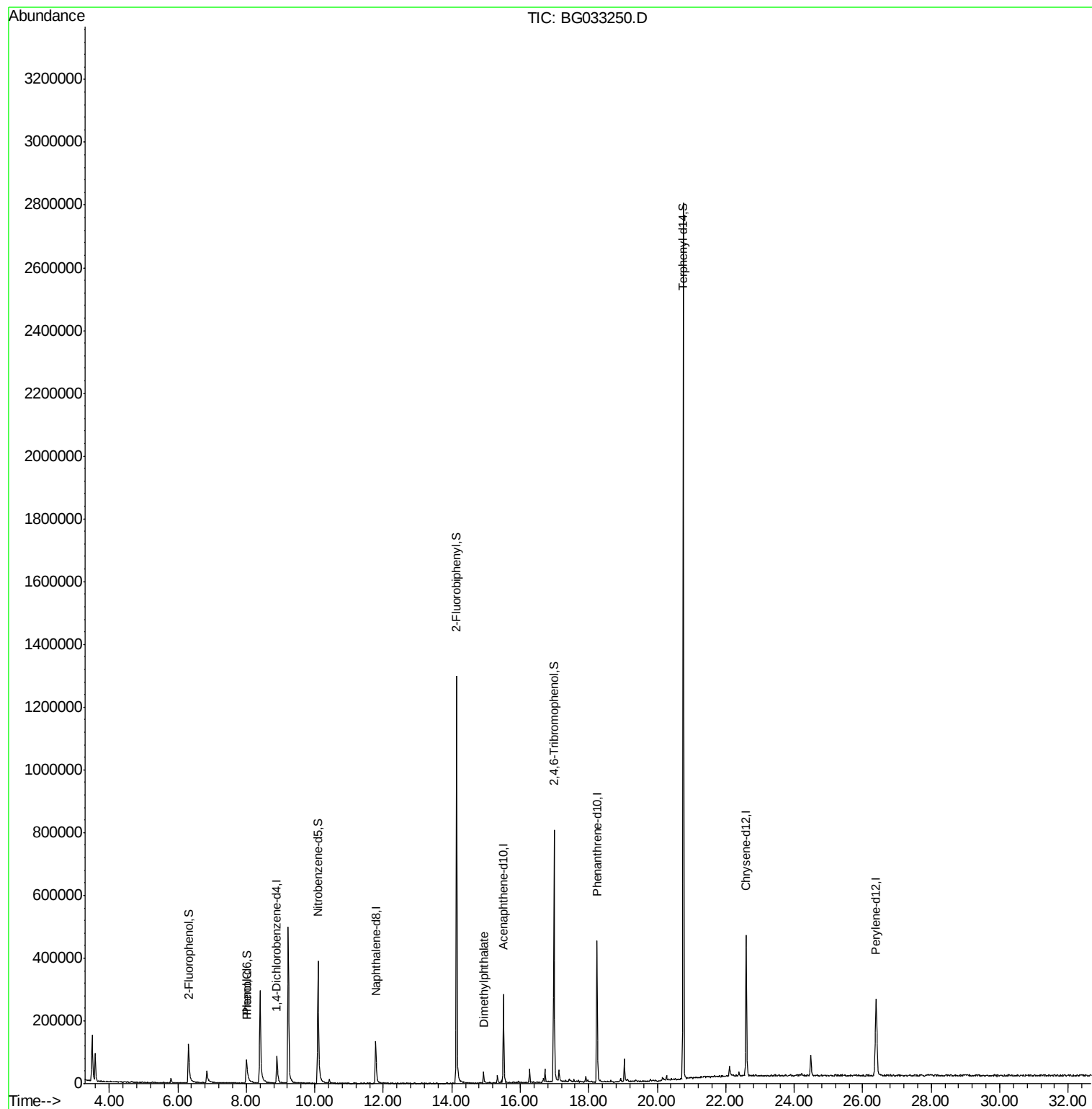
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	33986	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	140364	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	111887	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	313870	20.00	ng	0.00
75) Chrysene-d12	22.59	240	328752	20.00	ng	0.00
86) Perylene-d12	26.39	264	331290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	76472	42.19	ng	0.00
7) Phenol-d6	8.01	99	67732	21.75	ng	0.00
23) Nitrobenzene-d5	10.09	82	317926	104.06	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	173253	103.53	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	774823	99.97	ng	0.00
78) Terphenyl-d14	20.76	244	1399050	91.01	ng	0.00
Target Compounds						
10) Phenol	8.02	94	15349	4.992	ng	83
49) Dimethylphthalate	14.93	163	25259	2.594	ng	# 92

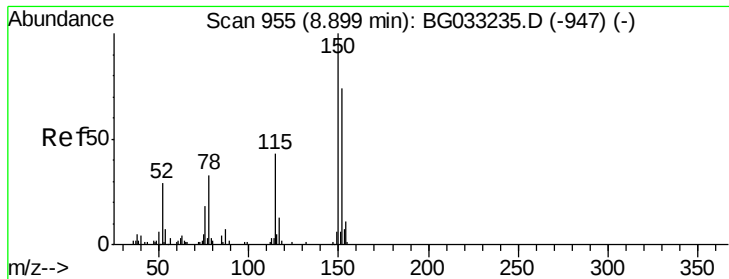
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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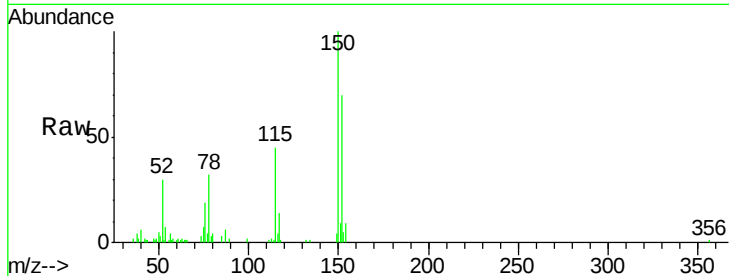


#1

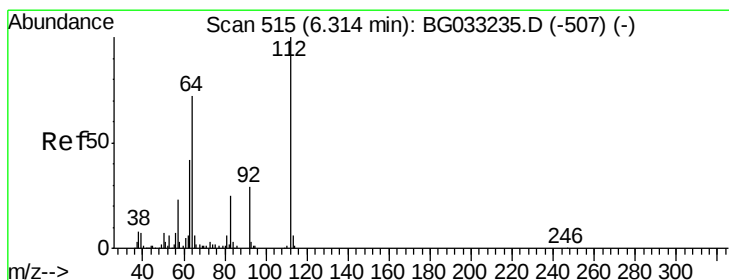
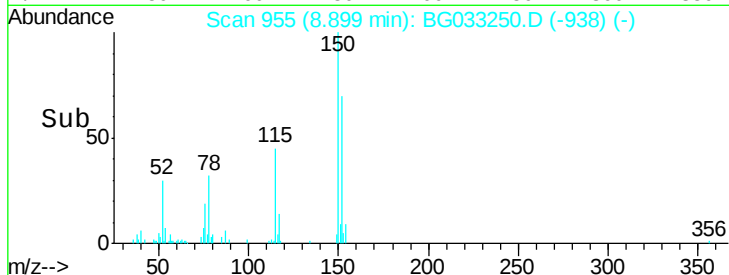
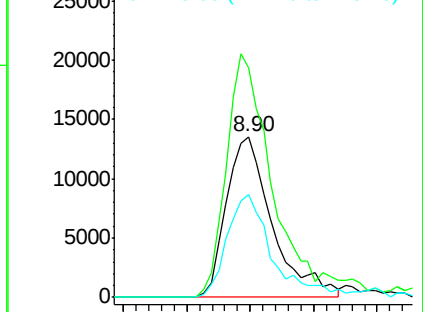
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	126.6	189.8
115	64.2	53.0	79.4



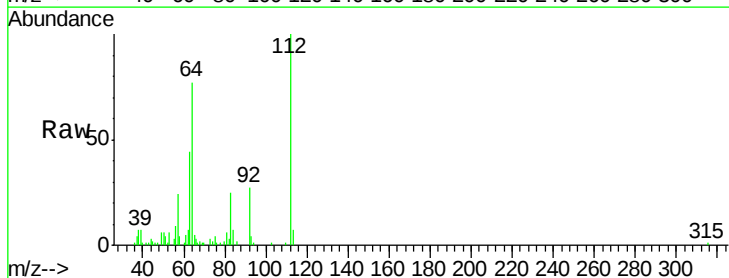
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



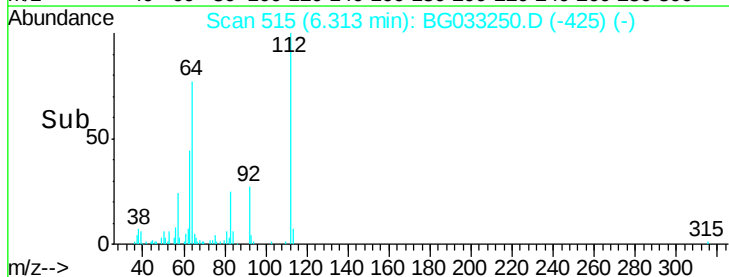
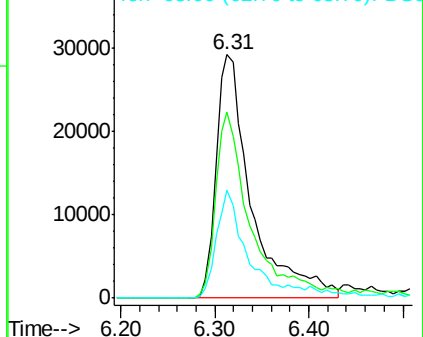
#5

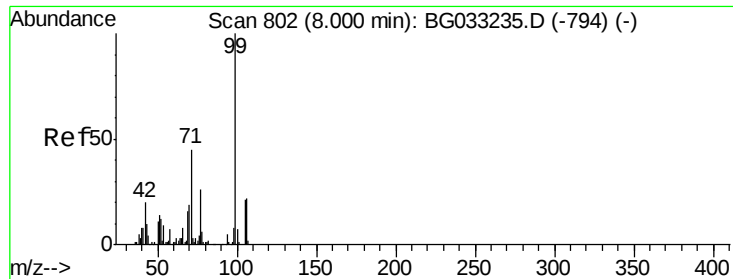
2-Fluorophenol
Concen: 42.192 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.6	56.3	84.5
63	44.2	30.1	45.1



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: 21.749 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.01 min

Lab File: BG033250.D

Acq: 19 Mar 2018 21:36

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-D-B

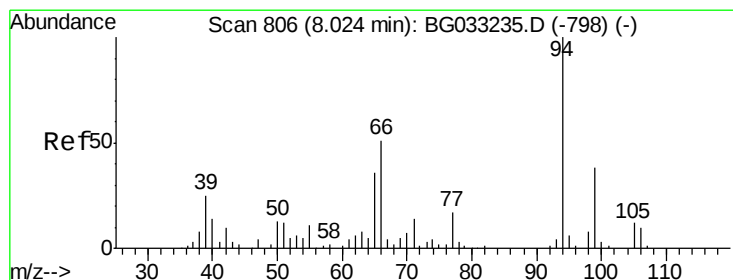
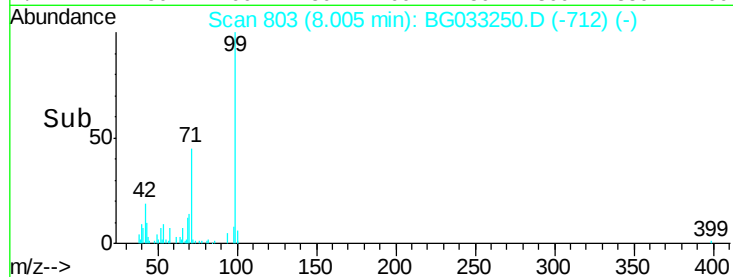
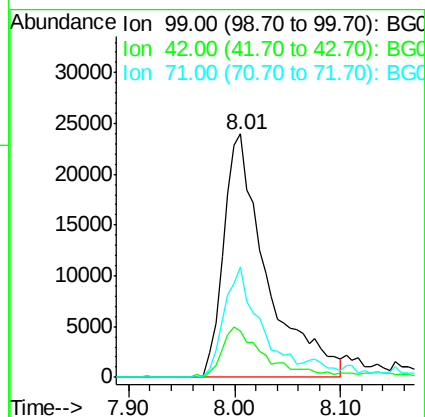
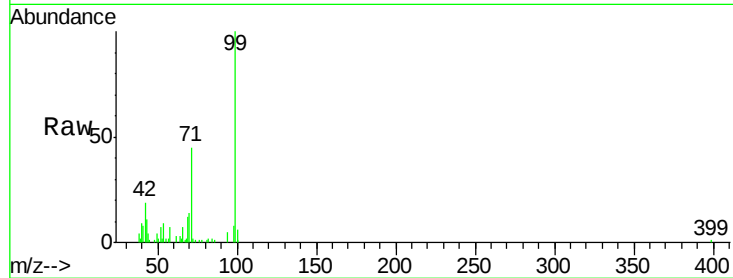
Tot Ion: 99 Resp: 67732

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

71 45.4 26.1 39.1#



#10

Phenol

Concen: 4.992 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG033250.D

Acq: 19 Mar 2018 21:36

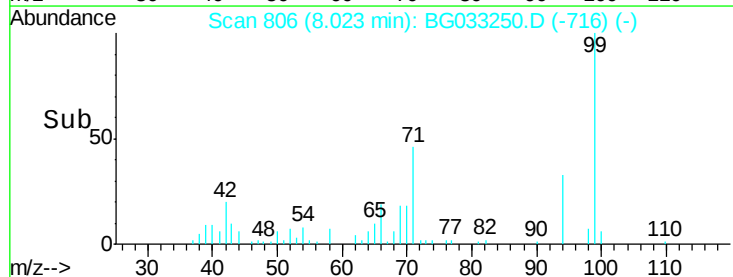
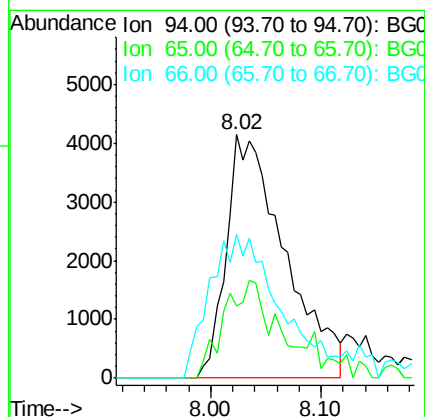
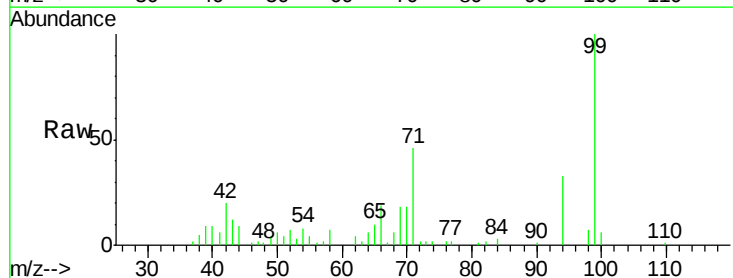
Tgt Ion: 94 Resp: 15349

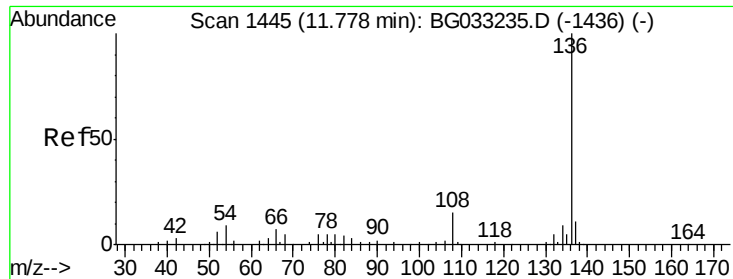
Ion Ratio Lower Upper

94 100

65 29.7 11.9 51.9

66 59.1 22.2 62.2

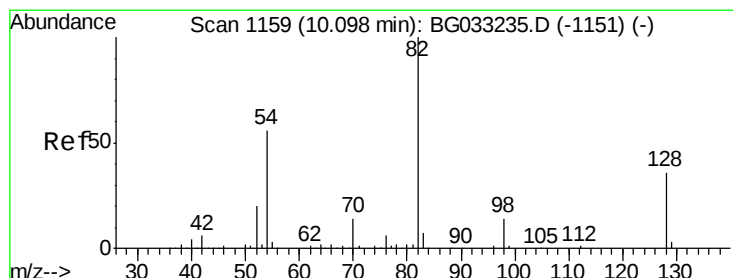
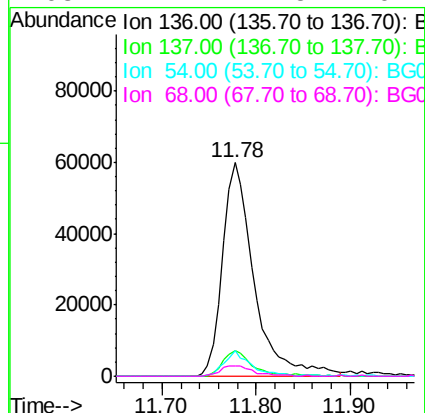
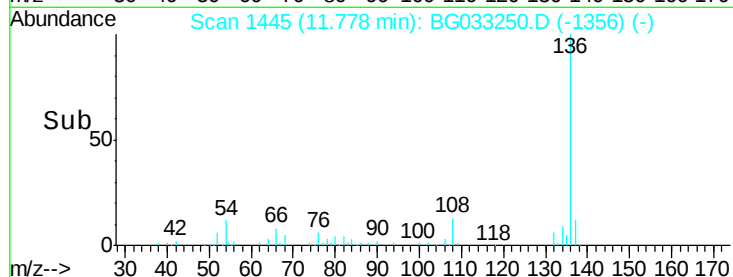
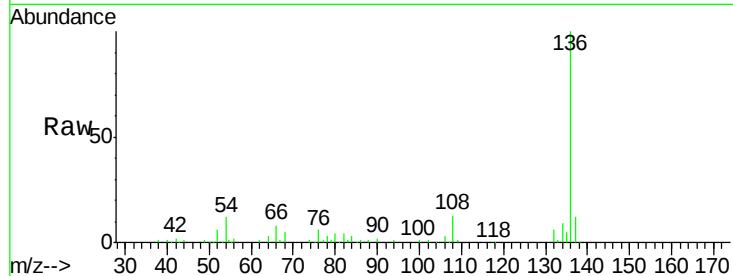




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

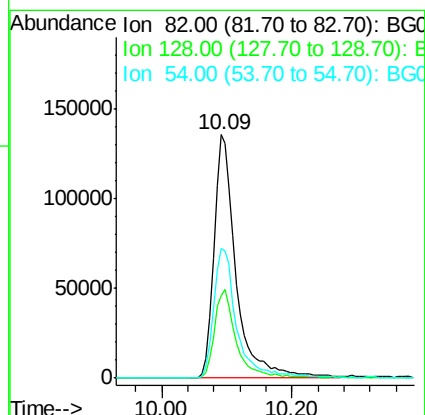
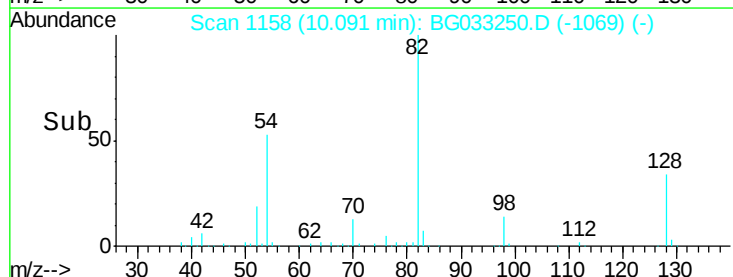
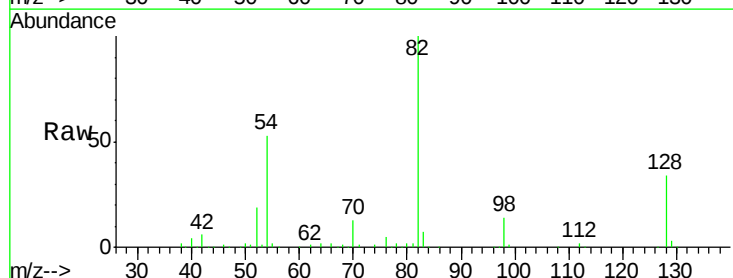
Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-D-B

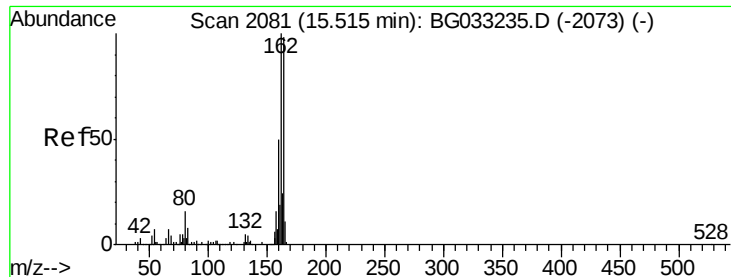
Tot Ion:136 Resp: 140364
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 12.5 10.3 15.5
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 104.064 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

Tgt Ion: 82 Resp: 317926
Ion Ratio Lower Upper
82 100
128 33.7 29.7 44.5
54 53.5 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033250.D

Acq: 19 Mar 2018 21:36

Instrument :

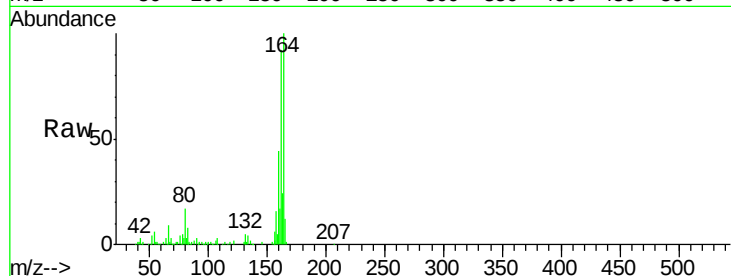
BNA_G

ClientSampleId :

031418-TIDO-F-D-B

Tot Ion:164 Resp: 111887

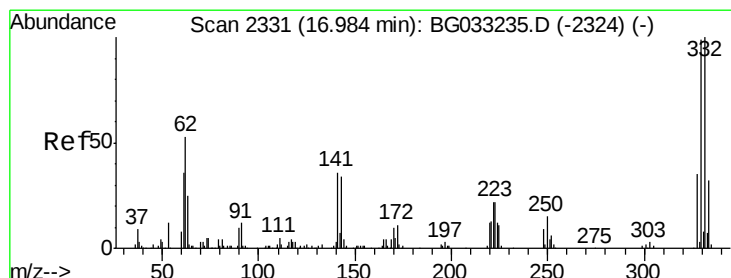
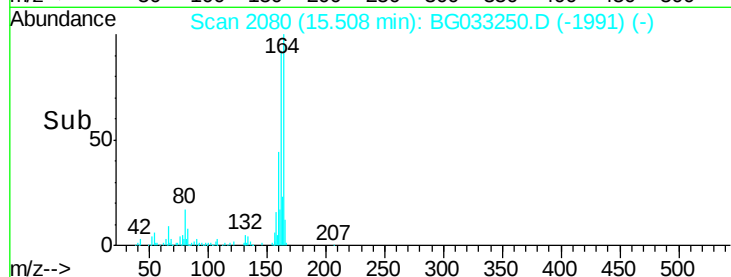
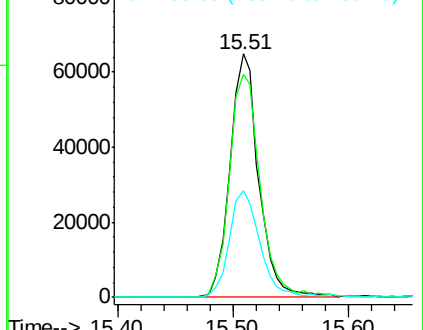
Ion	Ratio	Lower	Upper
164	100		
162	91.8	78.8	118.2
160	43.6	35.4	53.0



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: 103.534 ng

RT: 16.98 min Scan# 2331

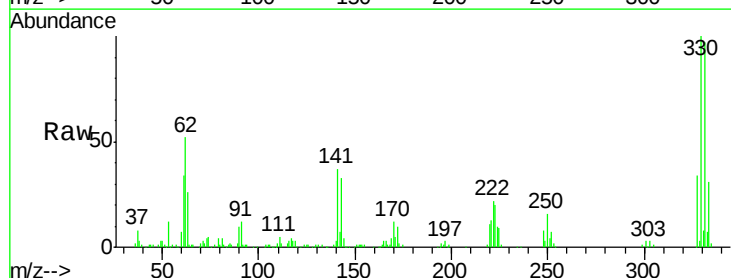
Delta R.T. -0.00 min

Lab File: BG033250.D

Acq: 19 Mar 2018 21:36

Tgt Ion:330 Resp: 173253

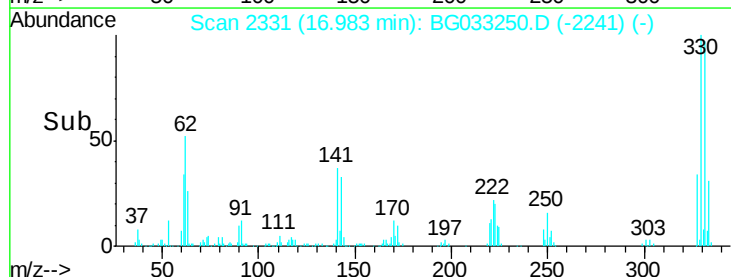
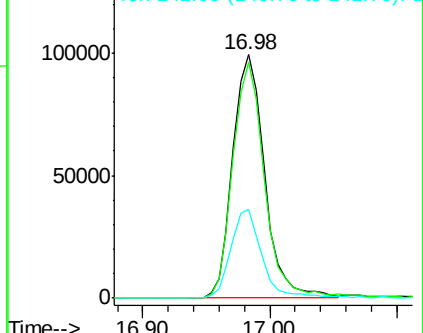
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.0	25.2	37.8



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

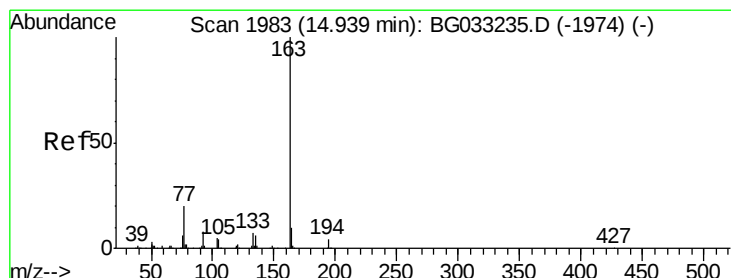
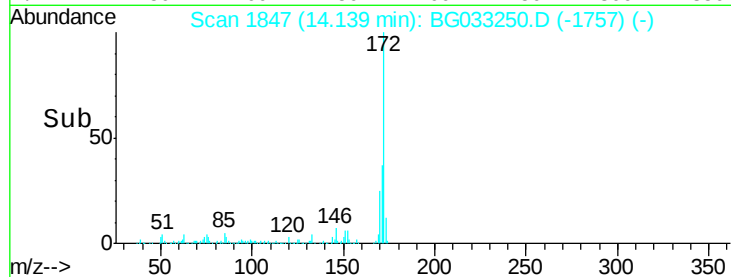
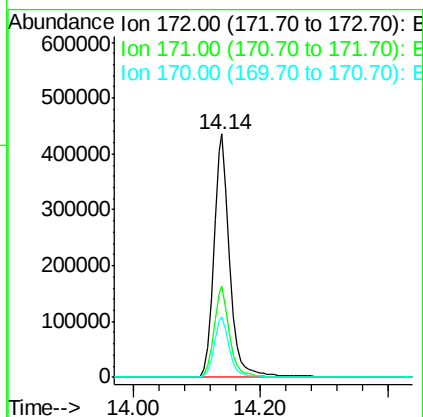
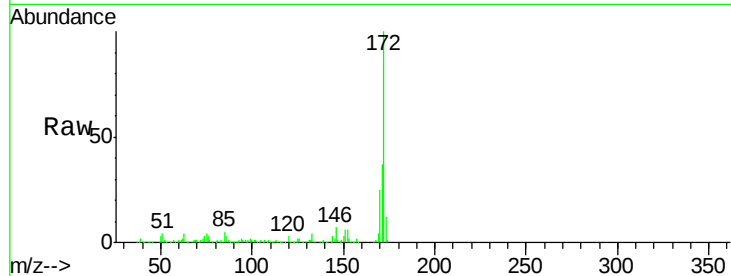




#44
2-Fluorobiphenyl
Concen: 99.972 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

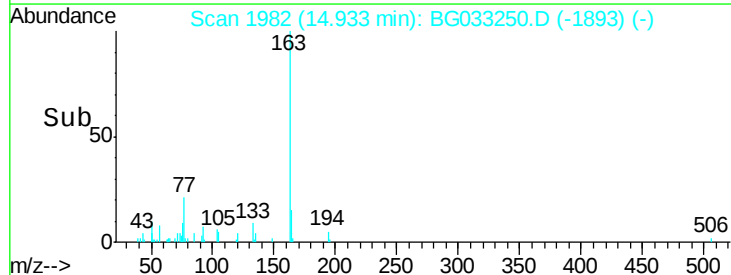
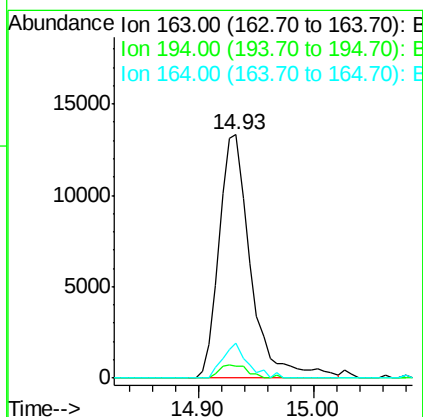
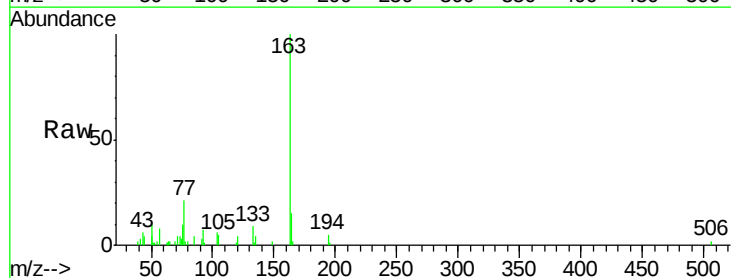
Instrument :
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ClientSampleId :
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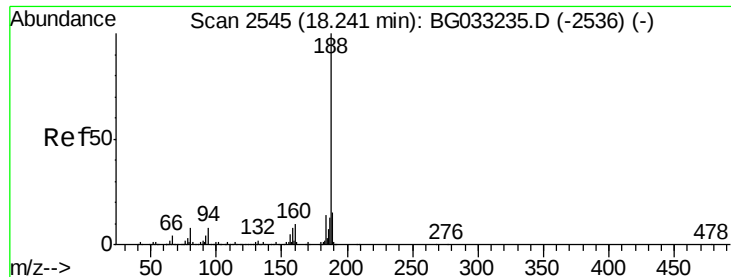
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.9	19.5	29.3



#49
Dimethylphthalate
Concen: 2.594 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	14.5	8.2	12.4

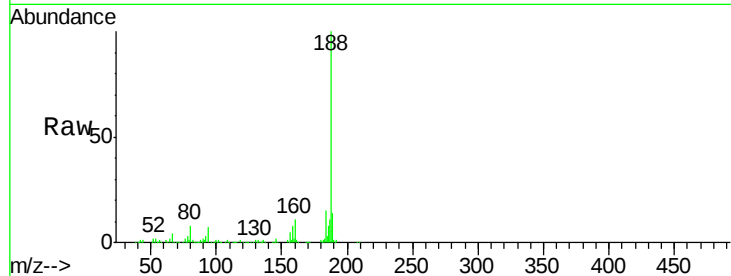




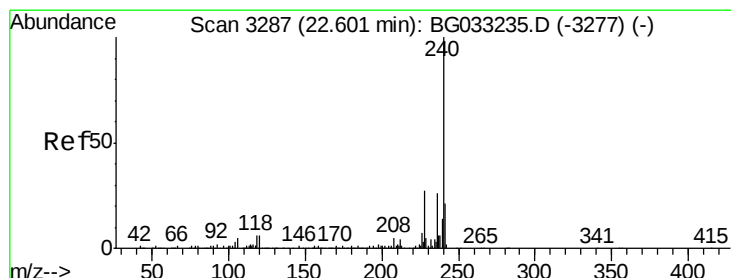
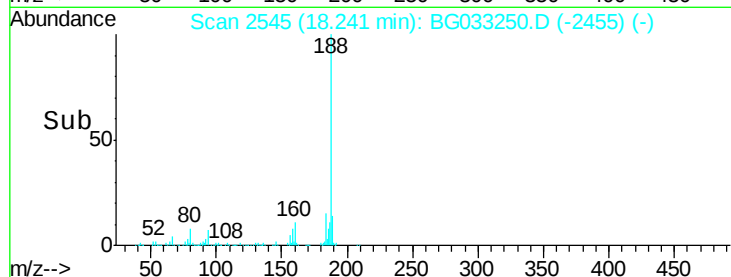
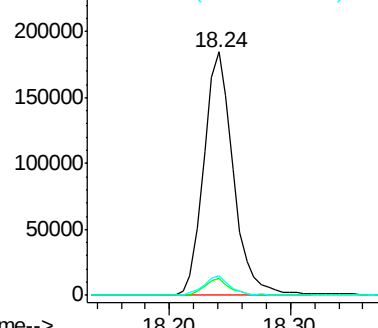
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.1	7.7	11.5

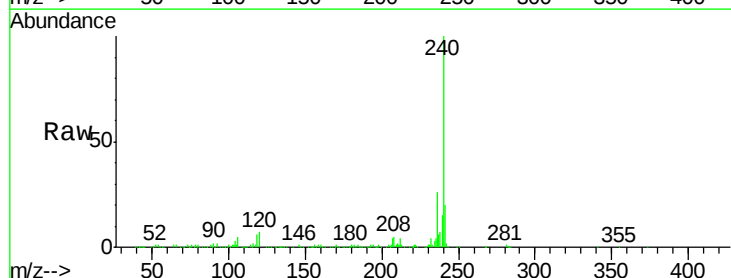


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

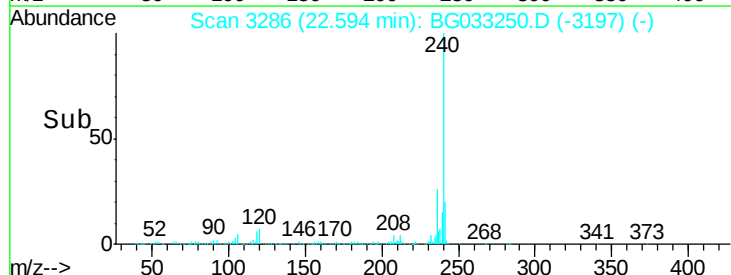
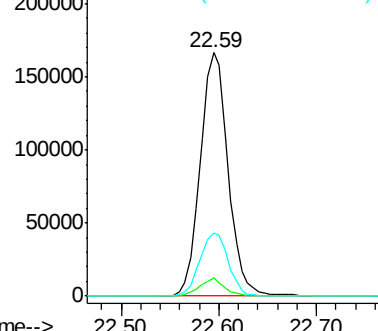


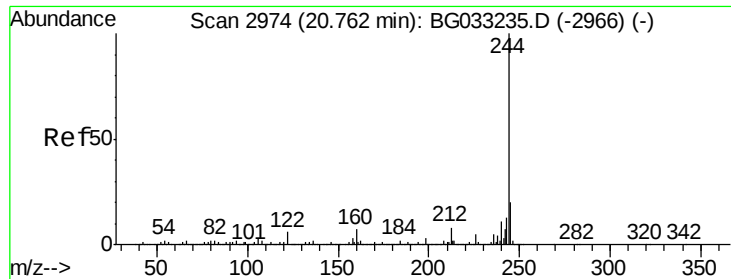
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033250.D
Acq: 19 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	26.0	20.9	31.3



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: 91.011 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033250.D

Acq: 19 Mar 2018 21:36

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-D-B

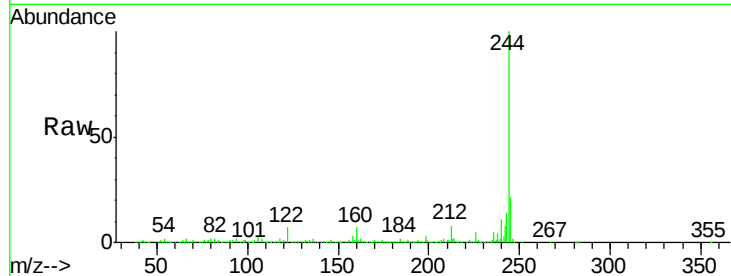
Tot Ion:244 Resp: 1399050

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

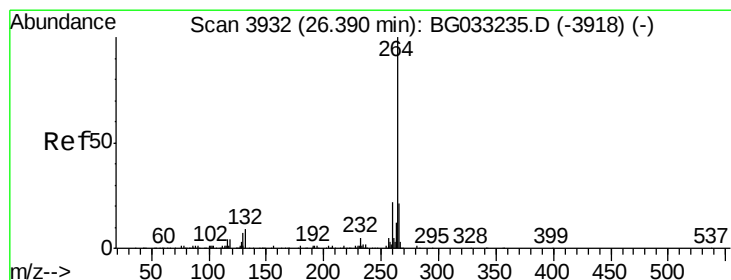
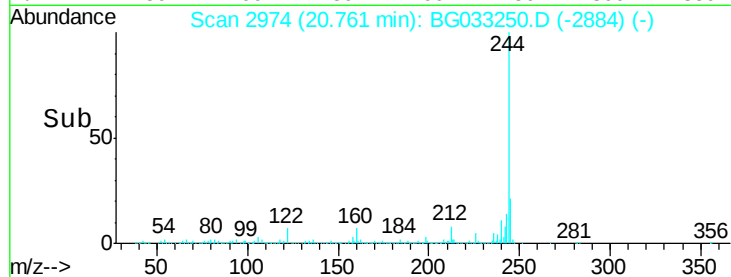
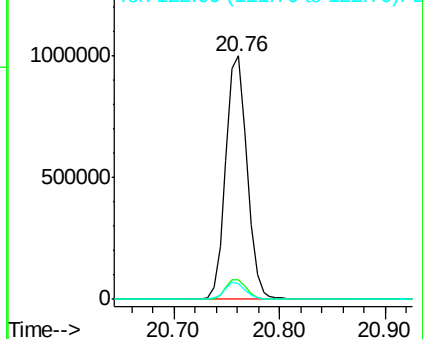
122 6.7 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.39 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BG033250.D

Acq: 19 Mar 2018 21:36

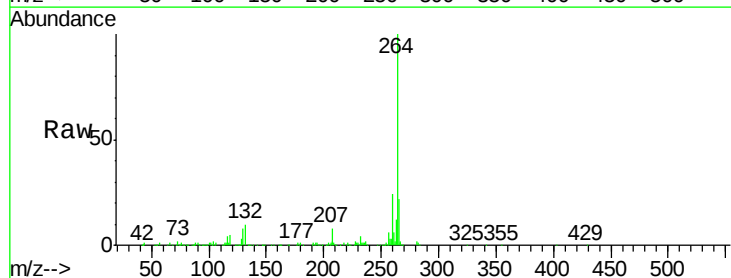
Tgt Ion:264 Resp: 331290

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.2 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

