

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038223.D
 Acq On : 29 Nov 2018 7:14
 Operator : JU/SJ
 Sample : J6069-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-D-B

Quant Time: Nov 29 10:40:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

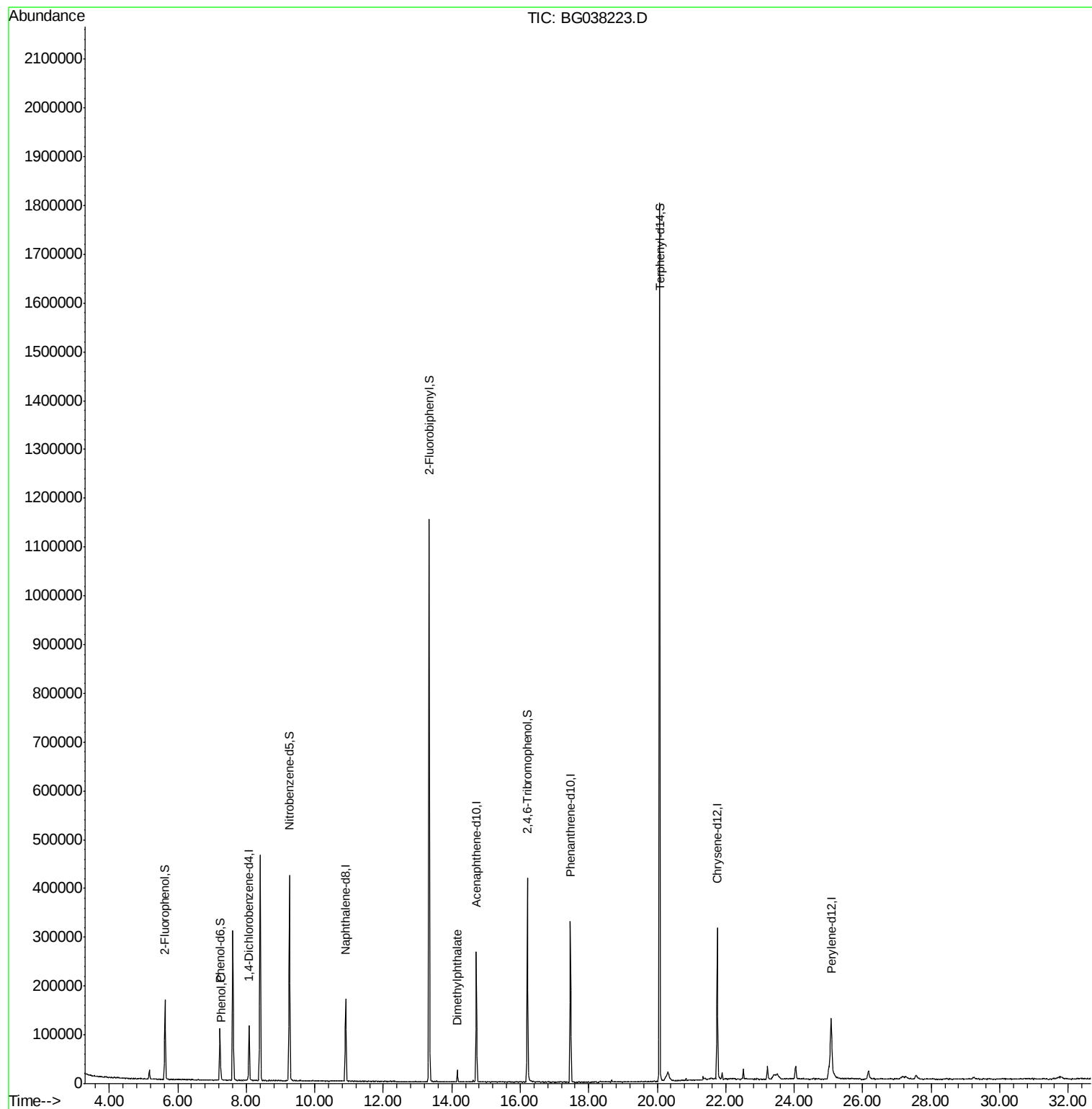
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31593	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	149463	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	96662	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	212117	20.00	ng	0.00
76) Chrysene-d12	21.75	240	201691	20.00	ng	0.00
87) Perylene-d12	25.08	264	188333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	73380	40.10	ng	0.00
7) Phenol-d6	7.22	99	66857	25.60	ng	0.00
23) Nitrobenzene-d5	9.26	82	269646	96.57	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	81708	74.12	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	621483	93.67	ng	0.00
79) Terphenyl-d14	20.07	244	893002	104.18	ng	0.00
Target Compounds						
10) Phenol	7.26	94	8097	2.927	ng	Qvalue 96
50) Dimethylphthalate	14.16	163	18891	2.465	ng	# 95

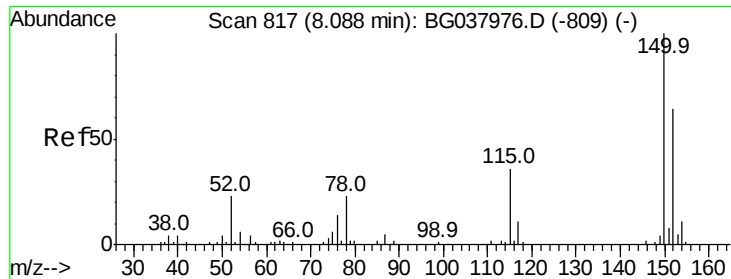
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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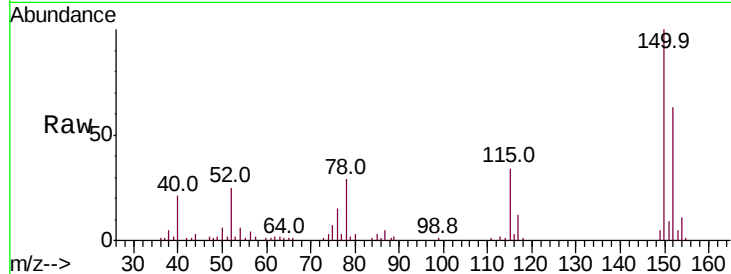


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038223.D
Acq: 29 Nov 2018 7:14

Instrument :
BNA_G
ClientSampleId :
112318-CHDE-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.0	189.0
115	53.7	45.5	68.3

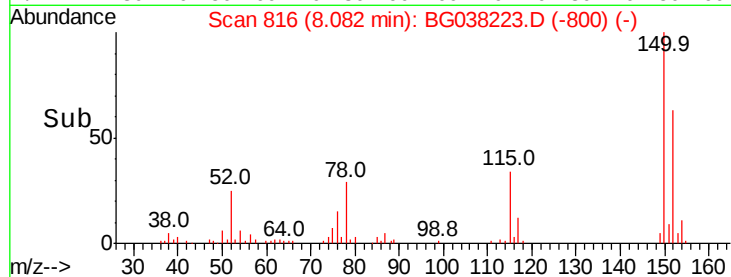
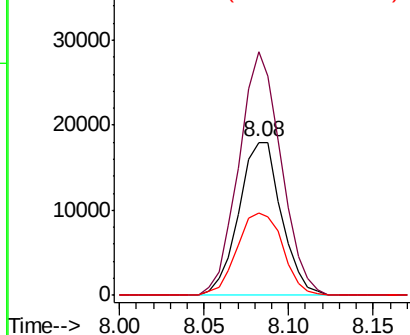


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

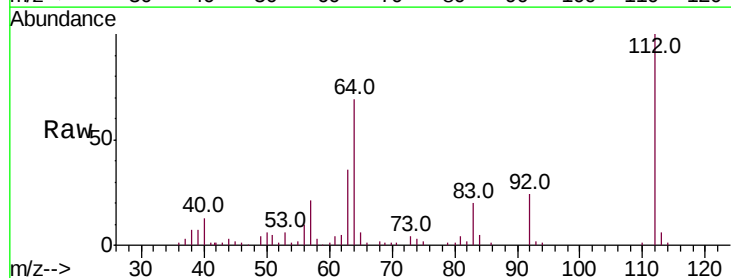
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.102 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038223.D
Acq: 29 Nov 2018 7:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.1	79.7
63	36.3	27.3	40.9

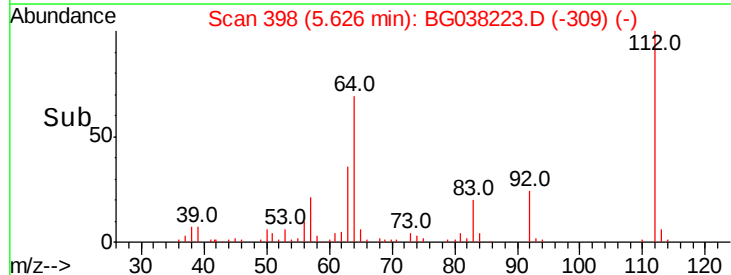
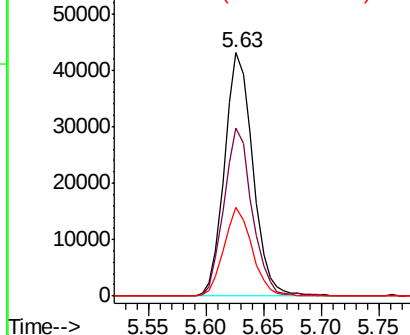


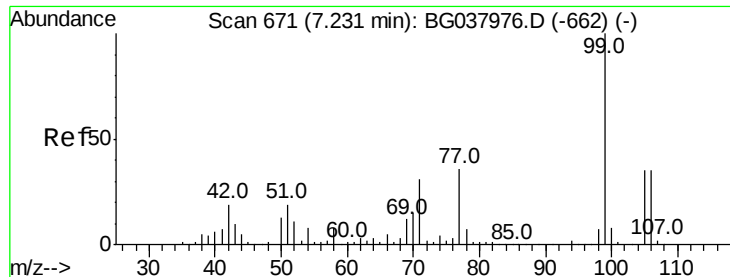
Abundance

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: 25.597 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-B

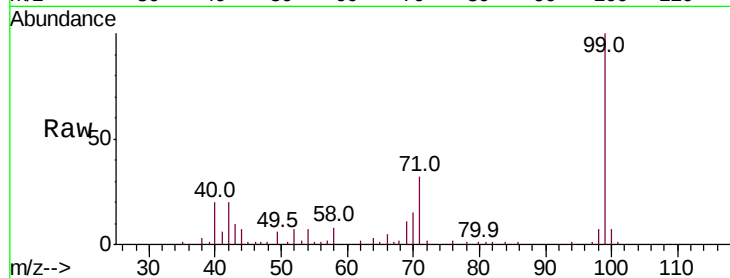
Tot Ion: 99 Resp: 66857

Ion Ratio Lower Upper

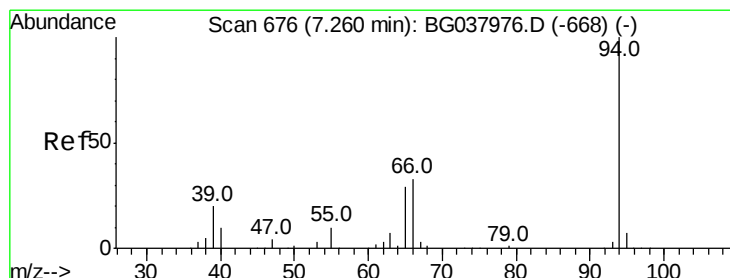
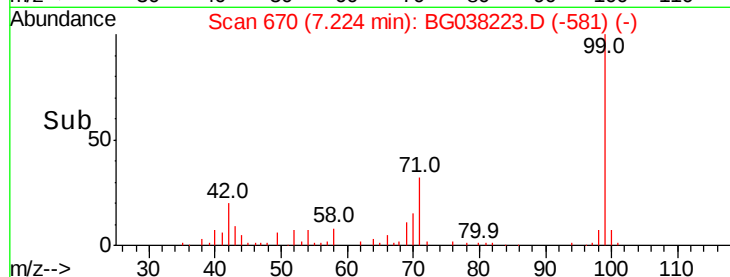
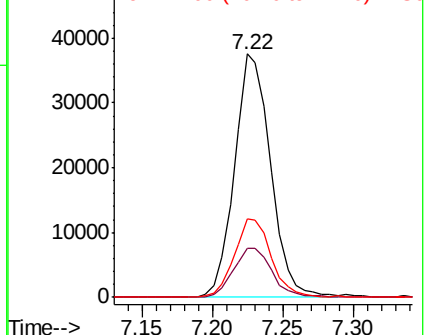
99 100

42 20.1 15.0 22.4

71 32.3 25.5 38.3



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: 2.927 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

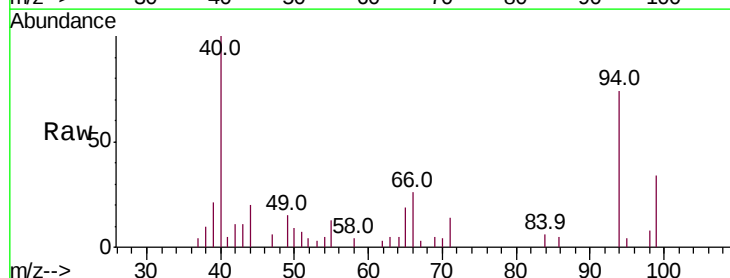
Tgt Ion: 94 Resp: 8097

Ion Ratio Lower Upper

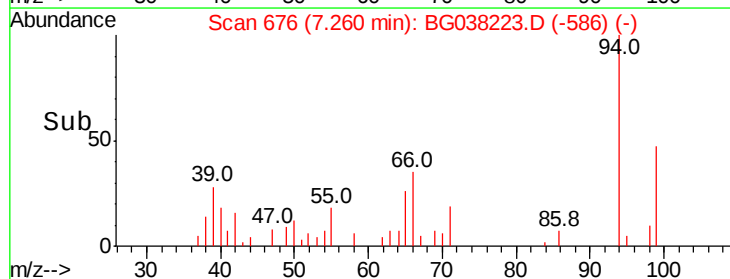
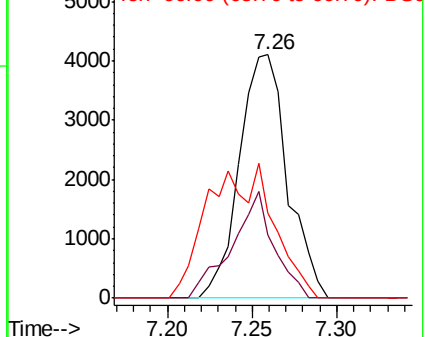
94 100

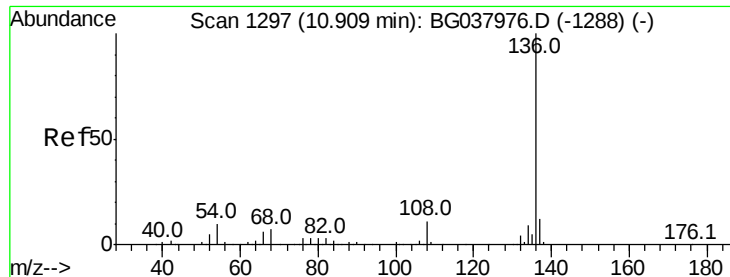
65 25.8 9.7 49.7

66 35.0 15.9 55.9



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

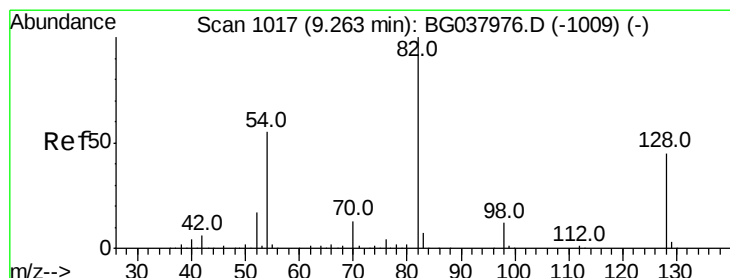
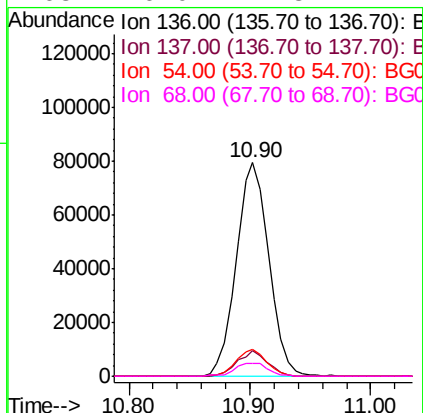
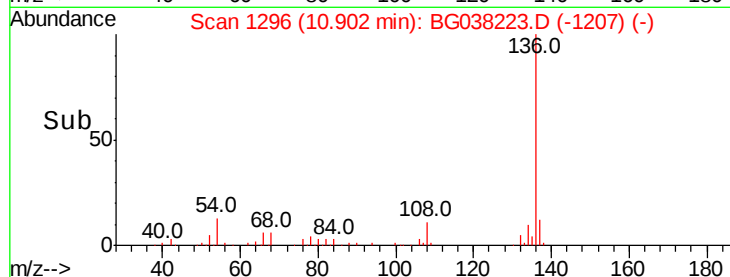
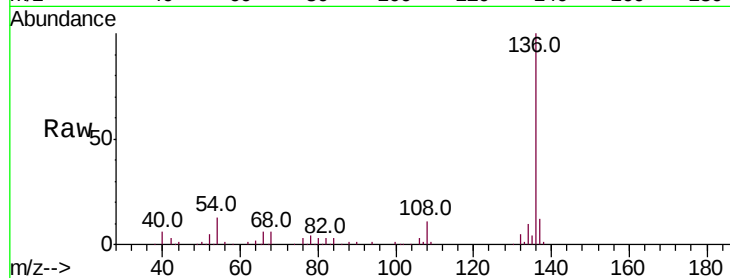




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038223.D
Acq: 29 Nov 2018 7:14

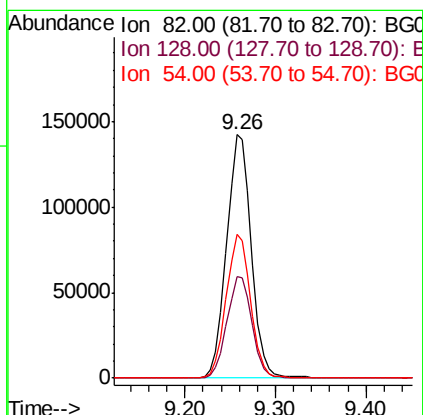
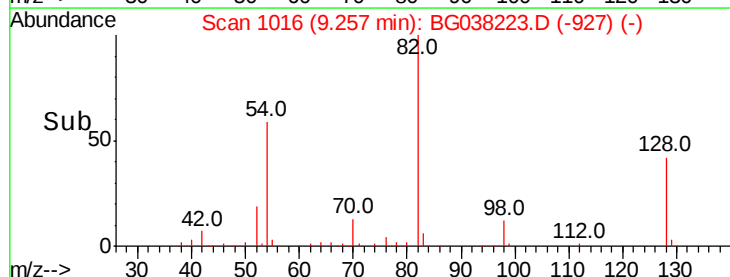
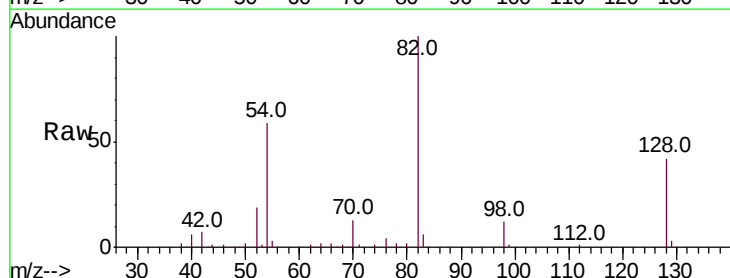
Instrument :
BNA_G
ClientSampleId :
112318-CHDE-E-D-B

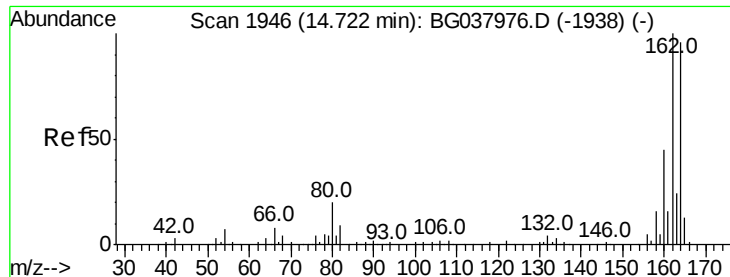
Tot Ion:	136	Resp:	149463
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	12.8	7.9	11.9#
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.574 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038223.D
Acq: 29 Nov 2018 7:14

Tgt Ion:	82	Resp:	269646
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	59.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-B

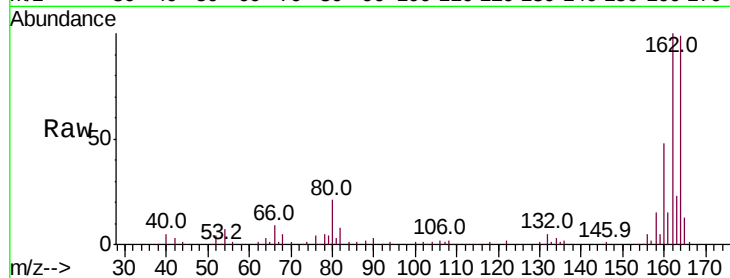
Tot Ion:164 Resp: 96662

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

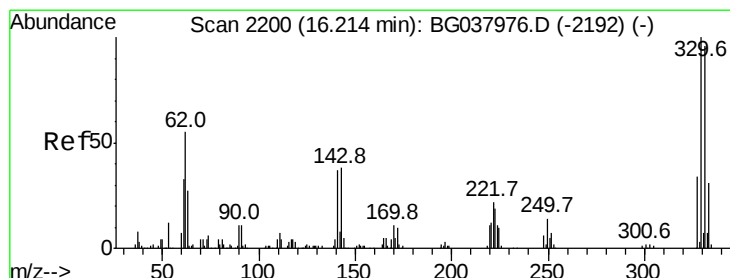
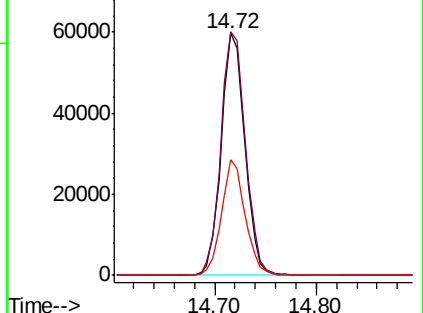
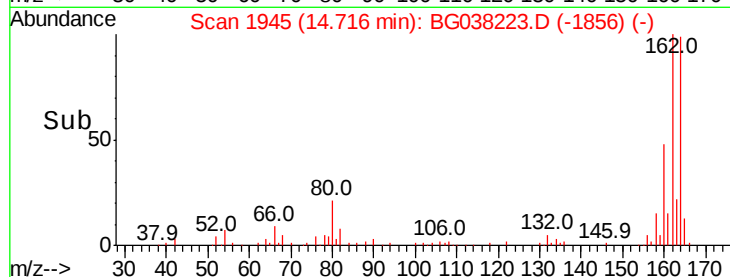
160 47.9 36.3 54.5



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: 74.118 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

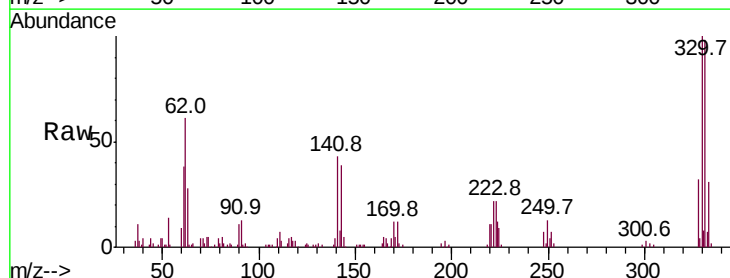
Tgt Ion:330 Resp: 81708

Ion Ratio Lower Upper

330 100

332 94.2 78.4 117.6

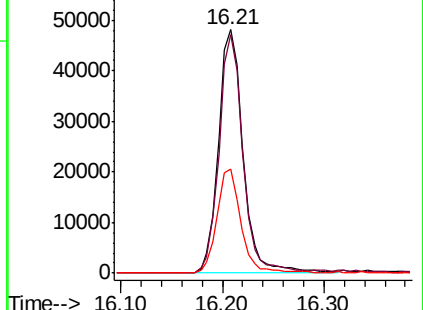
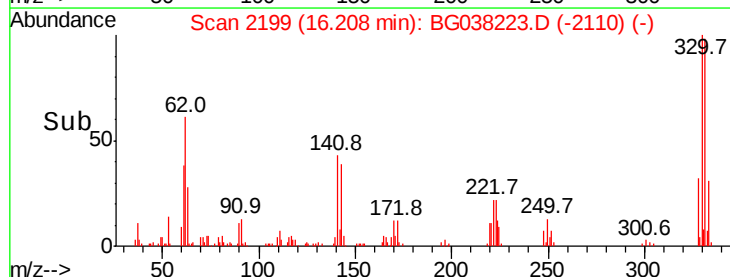
141 41.6 32.2 48.2



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

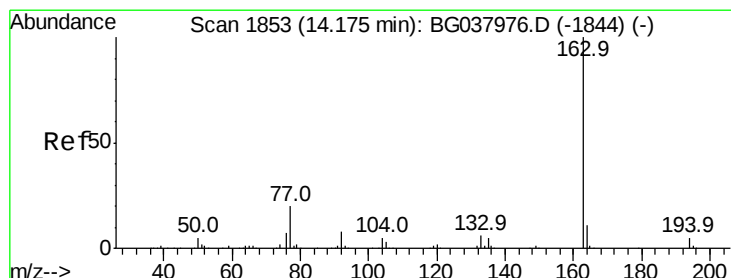
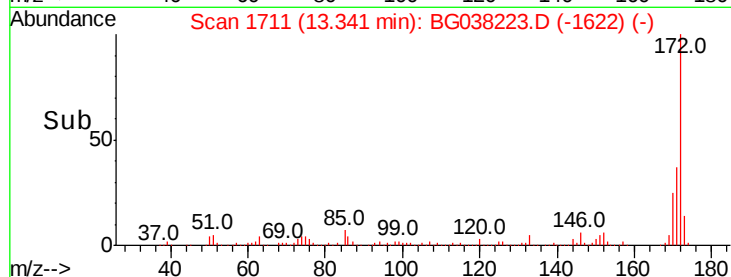
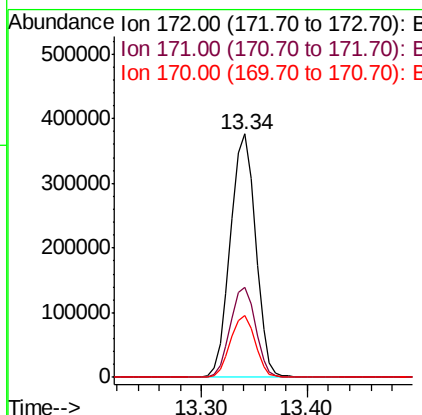
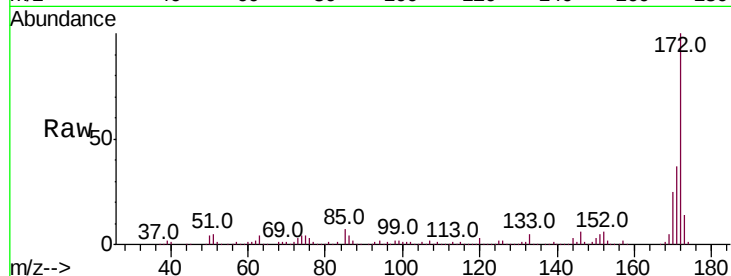




#45
2-Fluorobiphenyl
Concen: 93.667 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038223.D
Acq: 29 Nov 2018 7:14

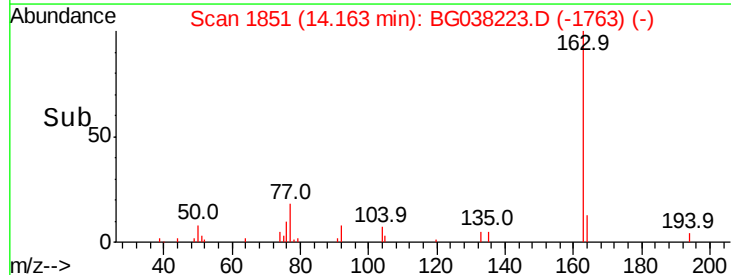
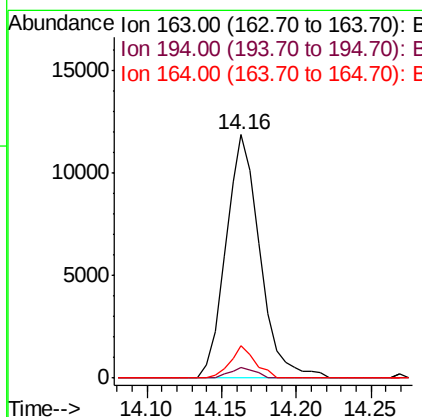
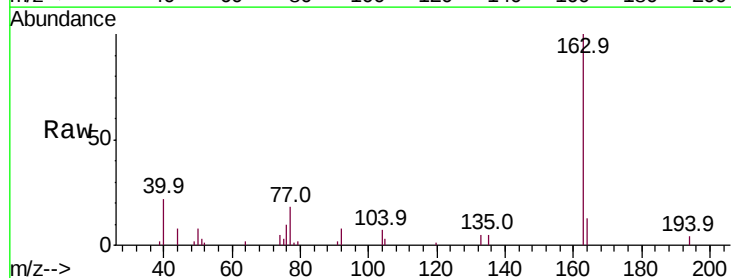
Instrument :
BNA_G
ClientSampleId :
112318-CHDE-E-D-B

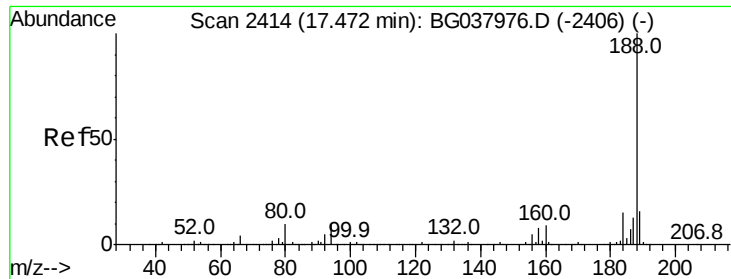
Tot Ion:172 Resp: 621483
Ion Ratio Lower Upper
172 100
171 36.8 31.0 46.4
170 25.3 20.2 30.2



#50
Dimethylphthalate
Concen: 2.465 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038223.D
Acq: 29 Nov 2018 7:14

Tgt Ion:163 Resp: 18891
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 13.4 8.5 12.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-D-B

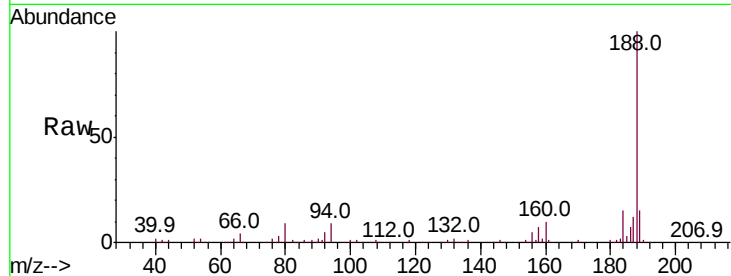
Tot Ion:188 Resp: 212117

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

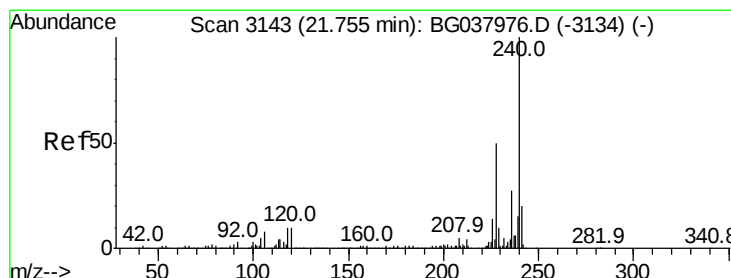
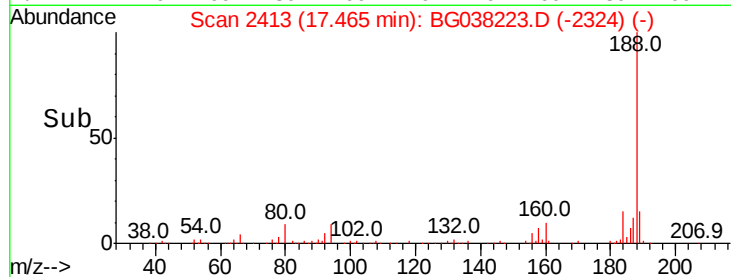
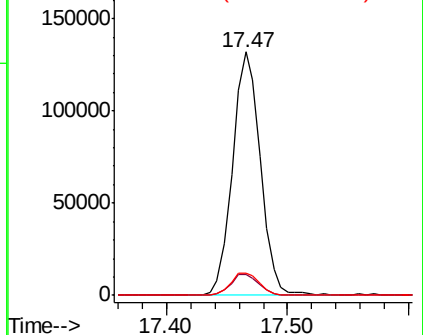
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

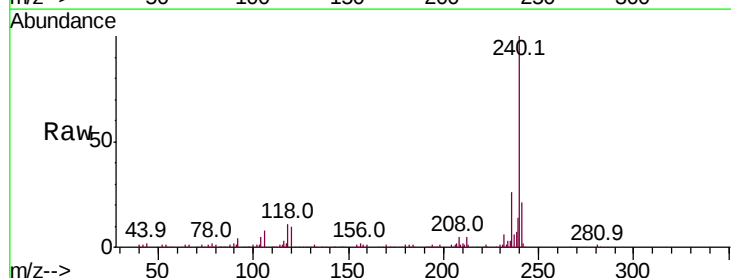
Tgt Ion:240 Resp: 201691

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

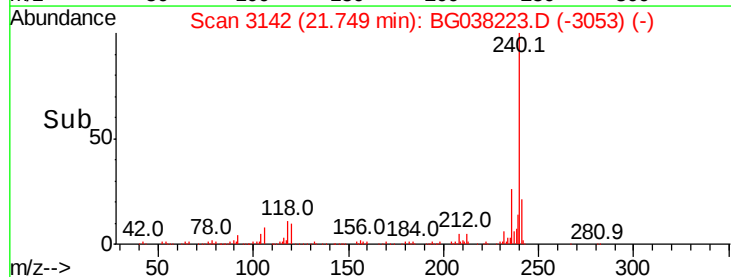
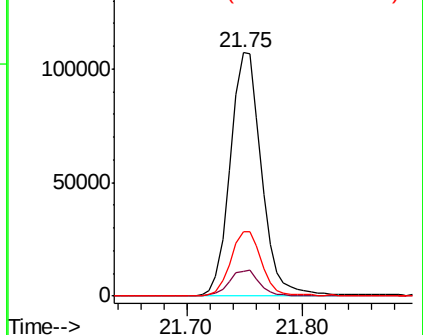
236 26.3 21.4 32.0

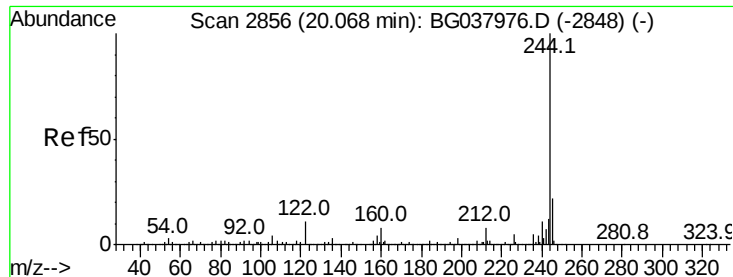


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.181 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

Instrument :

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112318-CHDE-E-D-B

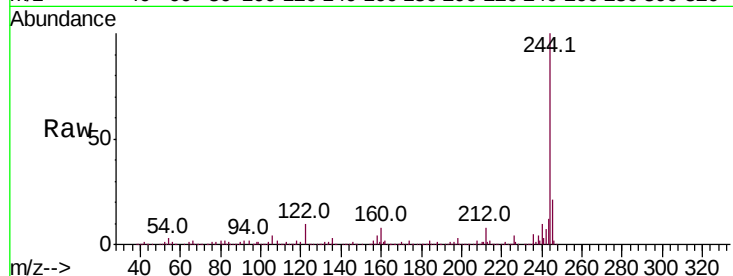
Tot Ion:244 Resp: 893002

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

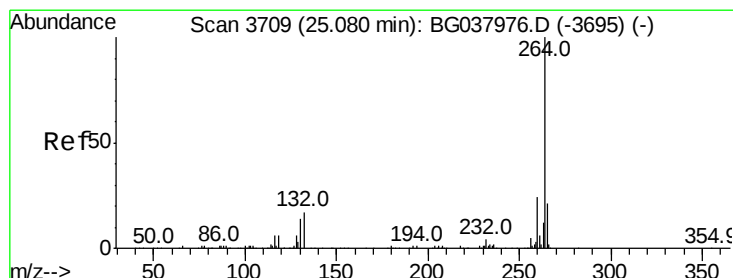
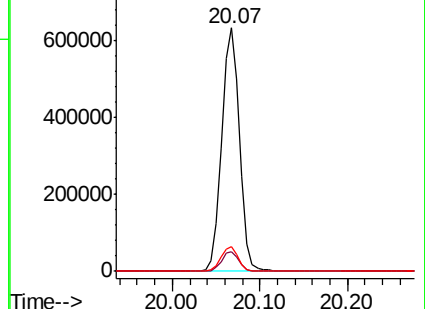
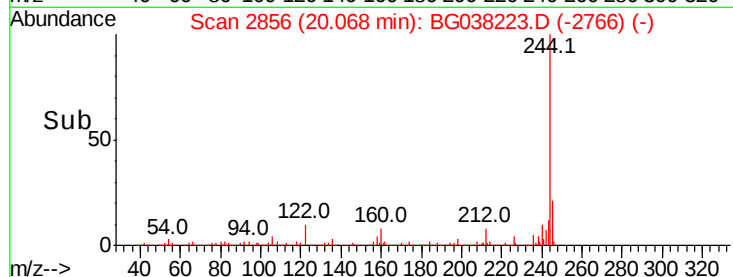
122 10.0 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038223.D

Acq: 29 Nov 2018 7:14

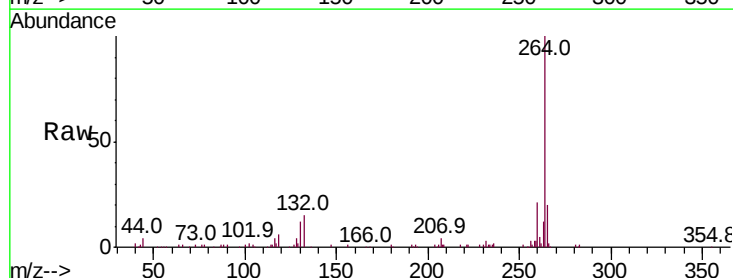
Tgt Ion:264 Resp: 188333

Ion Ratio Lower Upper

264 100

260 21.3 18.2 27.4

265 19.9 17.9 26.9



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

