

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037765.D
 Acq On : 2 Nov 2018 21:57
 Operator : JU/SJ
 Sample : J5780-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS07381

Quant Time: Nov 03 01:54:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

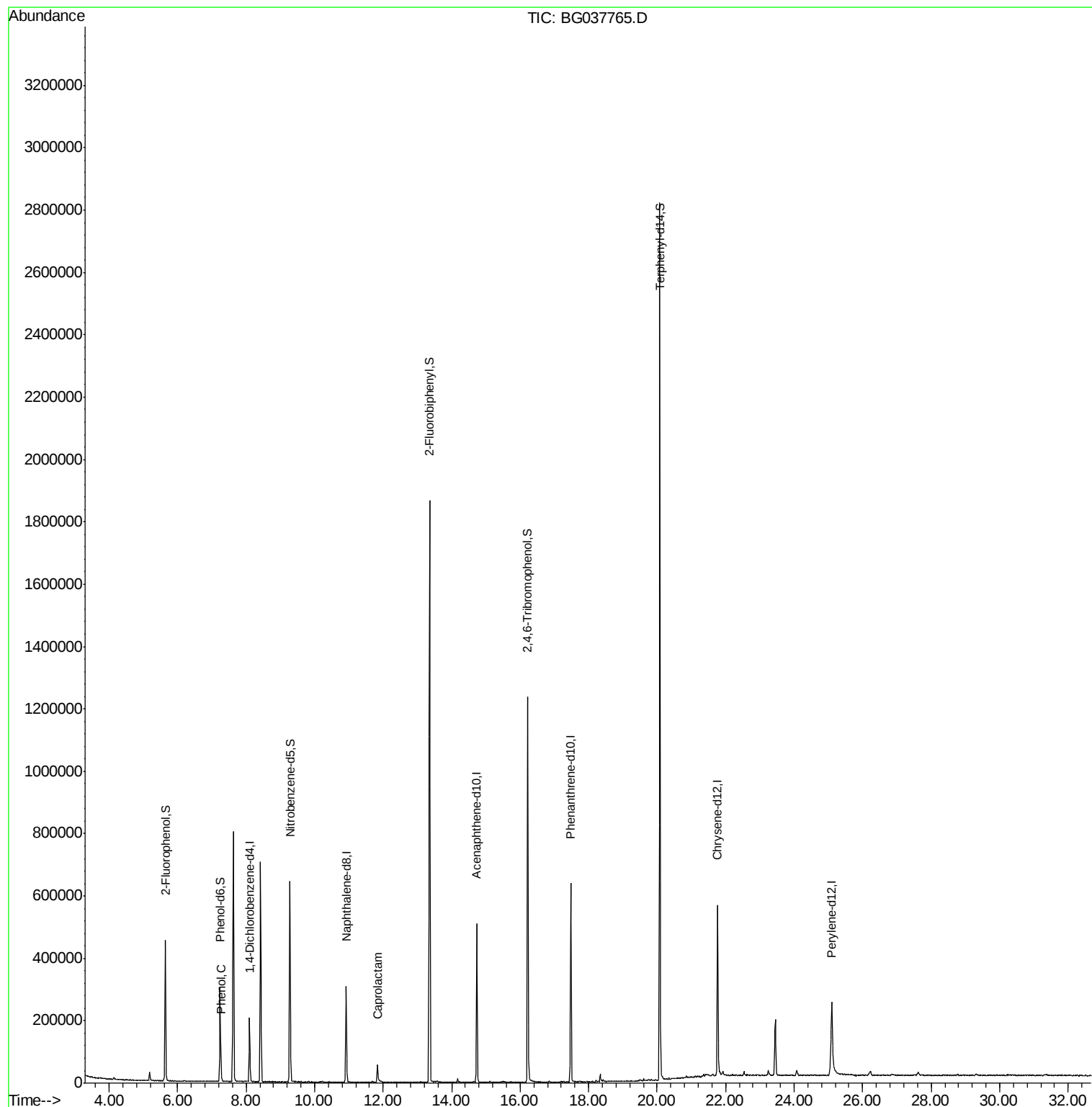
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62701	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	282455	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	188245	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	410483	20.00	ng	0.00
76) Chrysene-d12	21.76	240	372107	20.00	ng	-0.01
87) Perylene-d12	25.10	264	326522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	216437	57.71	ng	0.00
7) Phenol-d6	7.24	99	197382	34.81	ng	-0.01
23) Nitrobenzene-d5	9.28	82	413694	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	241434	117.59	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1018715	81.60	ng	-0.01
79) Terphenyl-d14	20.08	244	1409379	80.93	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12590	2.104	ng	95
35) Caprolactam	11.83	113	13034	6.928	ng	99

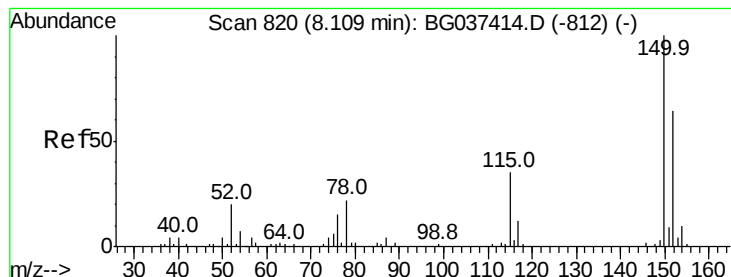
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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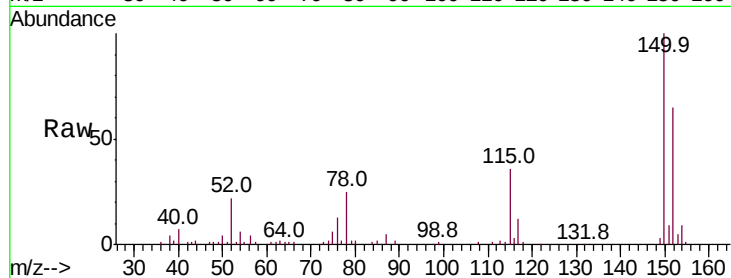


#1

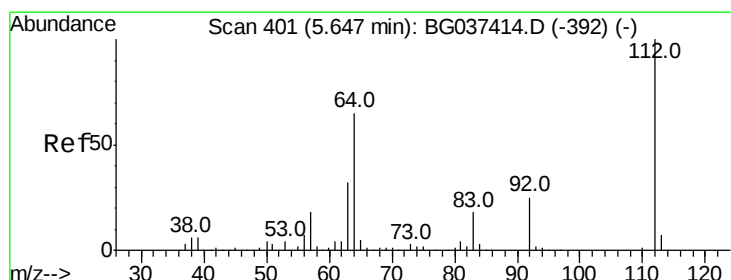
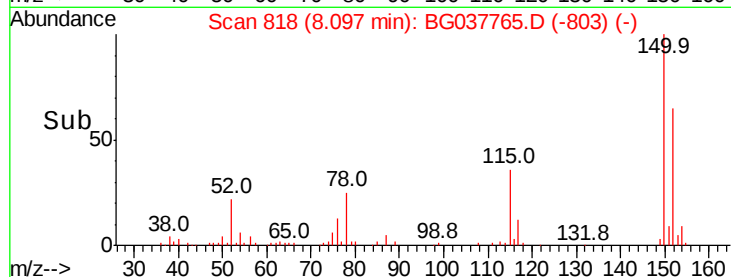
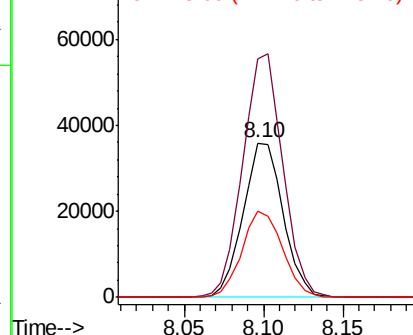
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tot Ion:152 Resp: 62701
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 55.4 45.5 68.3



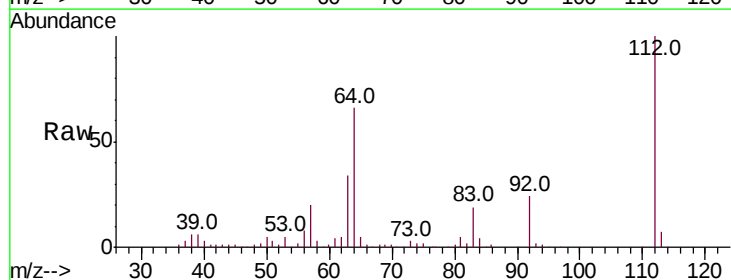
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



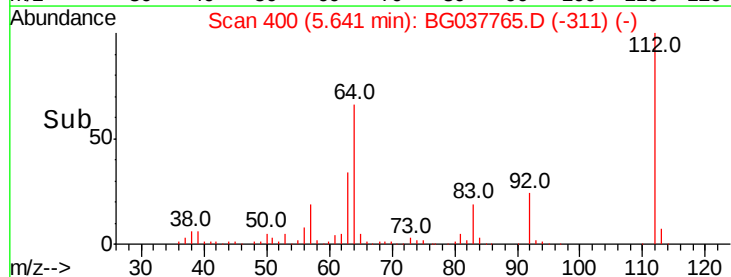
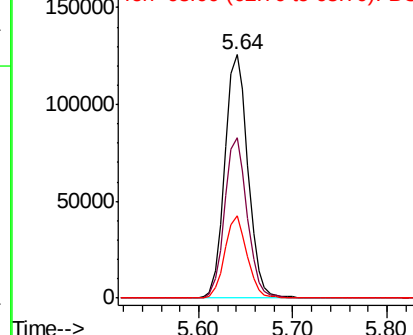
#5

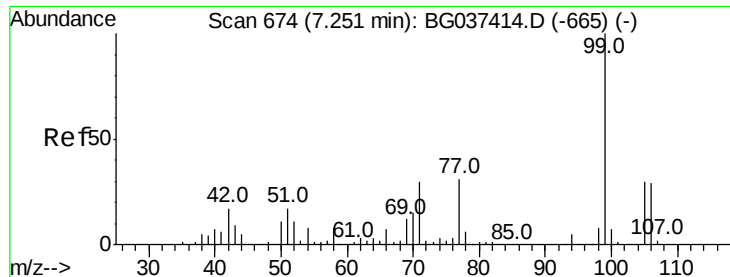
2-Fluorophenol
Concen: 57.711 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:112 Resp: 216437
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.9 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: 34.805 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

CPS07381

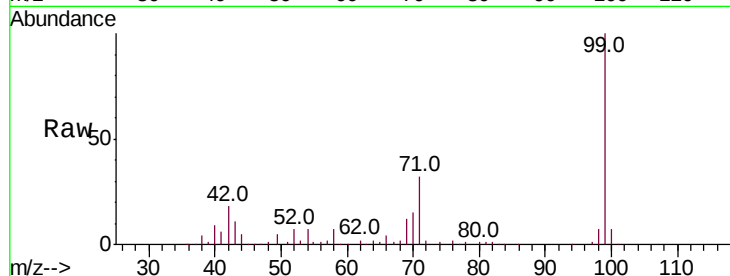
Tot Ion: 99 Resp: 197382

Ion Ratio Lower Upper

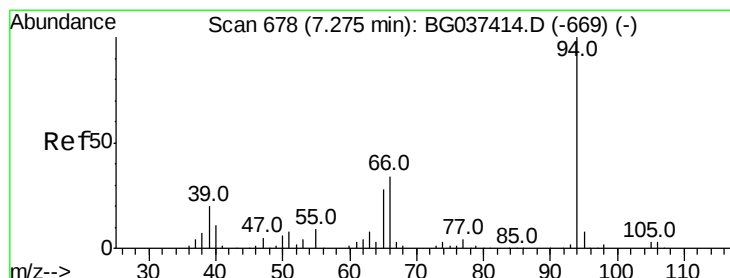
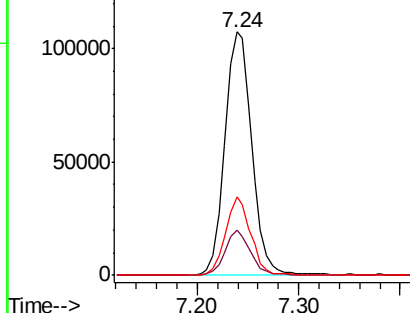
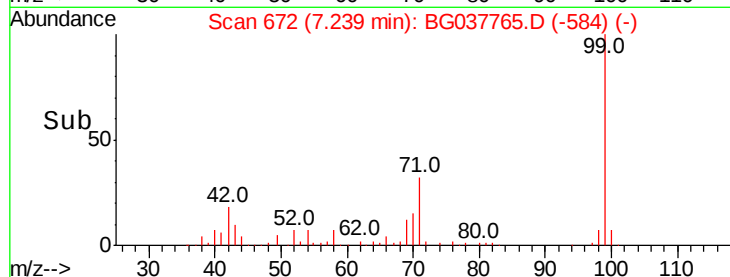
99 100

42 18.4 15.0 22.4

71 32.1 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: 2.104 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

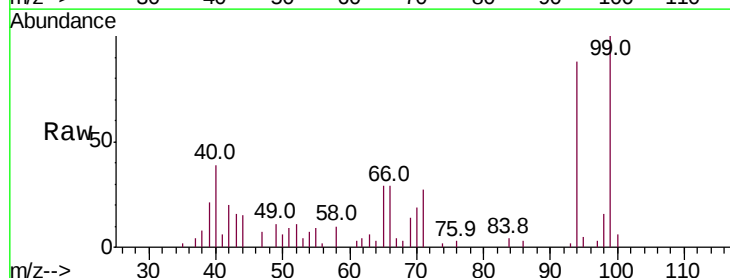
Tgt Ion: 94 Resp: 12590

Ion Ratio Lower Upper

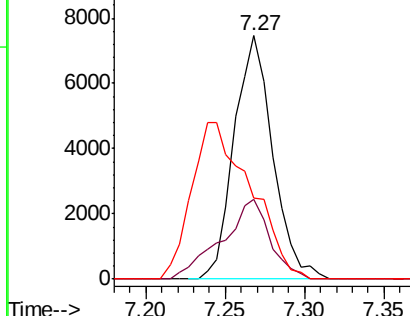
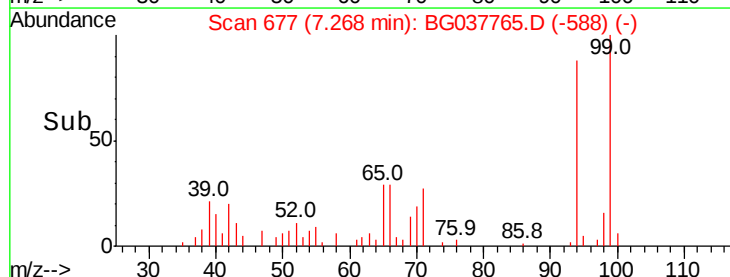
94 100

65 32.7 9.7 49.7

66 33.4 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

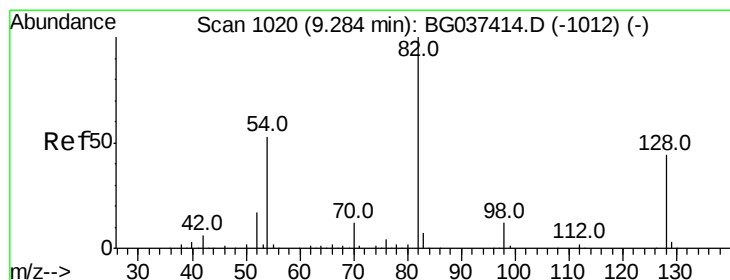
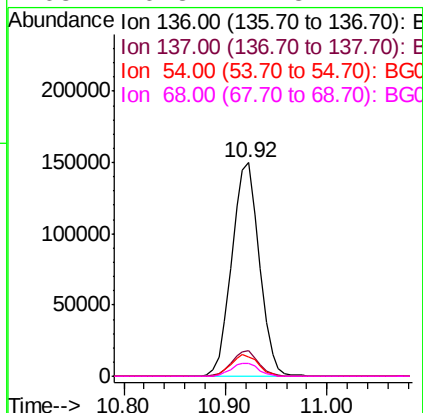
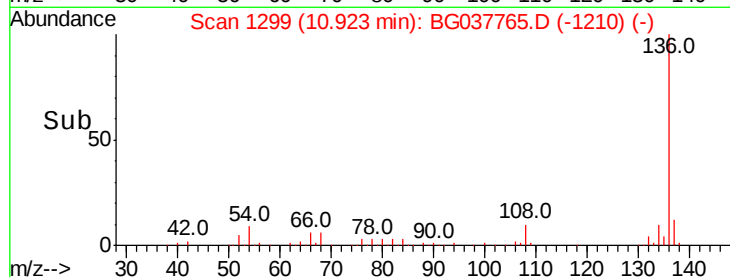
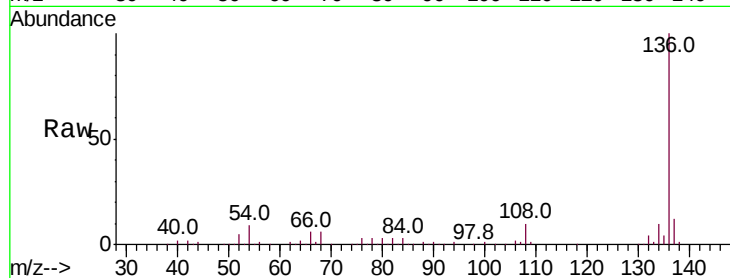




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

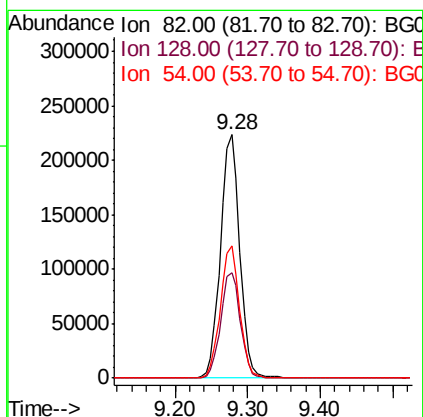
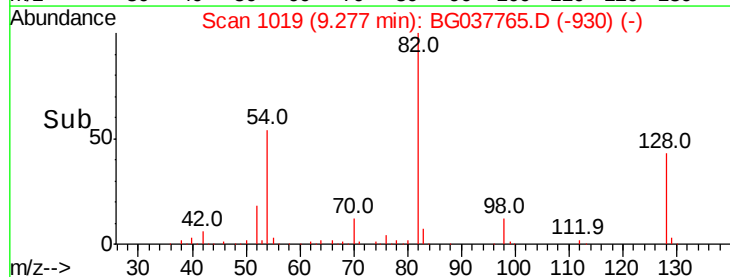
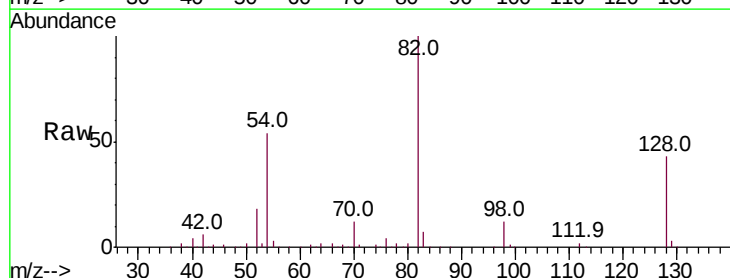
Instrument :
BNA_G
ClientSampleId :
CPS07381

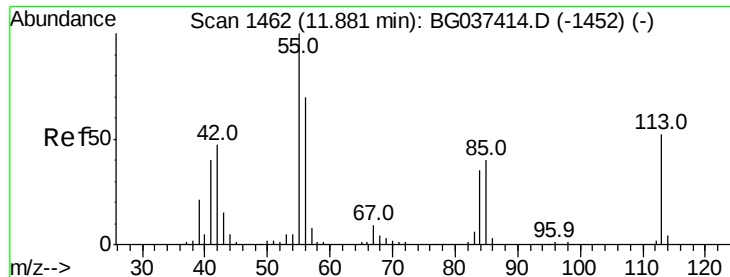
Tot Ion:	136	Resp:	282455
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	9.2	7.9	11.9
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.047 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:	82	Resp:	413694
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	54.4	45.3	67.9





#35

Caprolactam

Concen: 6.928 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.05 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

CPS07381

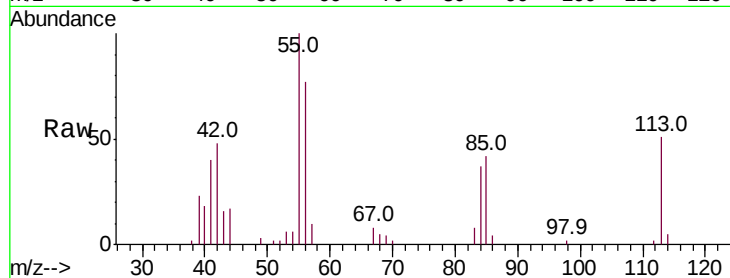
Tot Ion:113 Resp: 13034

Ion Ratio Lower Upper

113 100

55 197.1 176.6 216.6

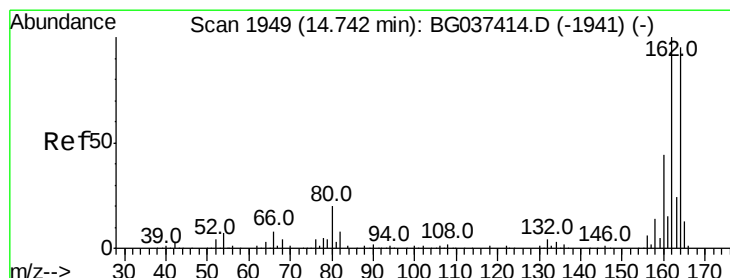
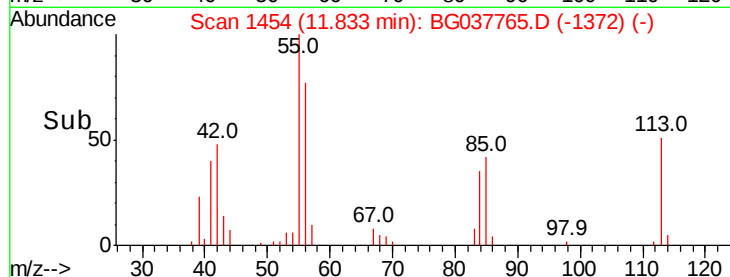
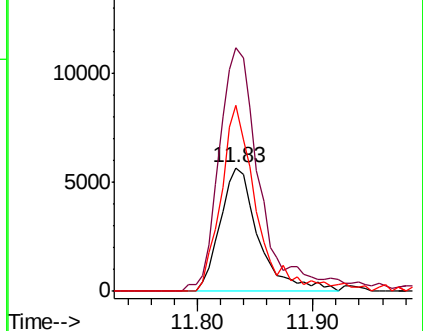
56 151.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

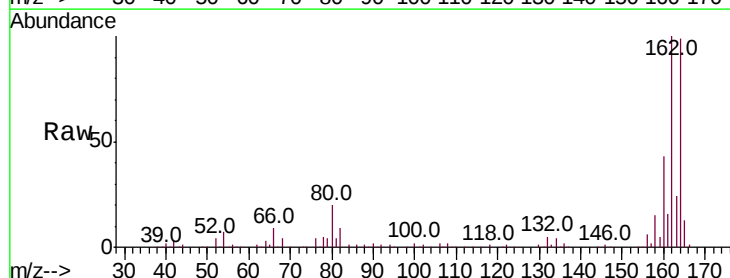
Tgt Ion:164 Resp: 188245

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

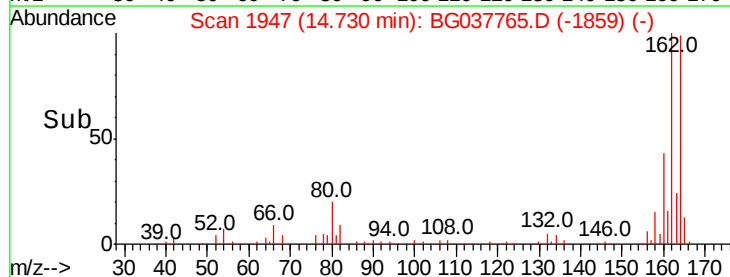
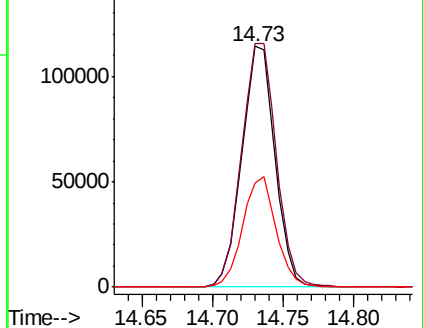
160 43.2 36.3 54.5

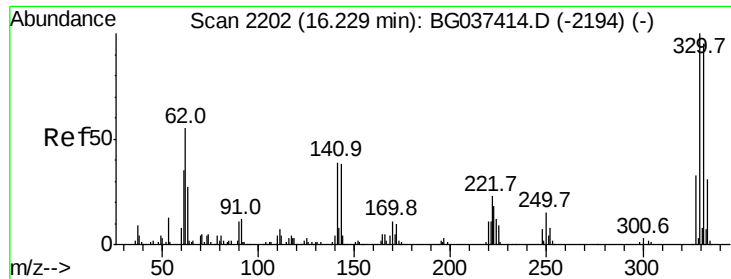


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 117.591 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

CPS07381

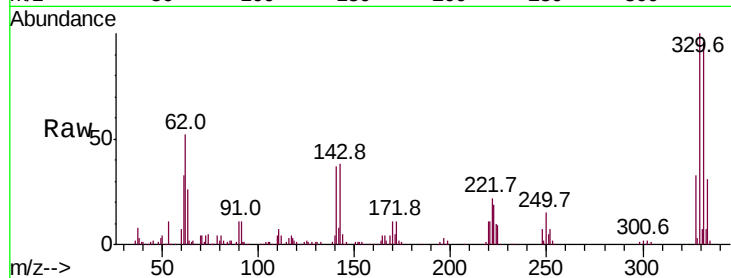
Tot Ion:330 Resp: 241434

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

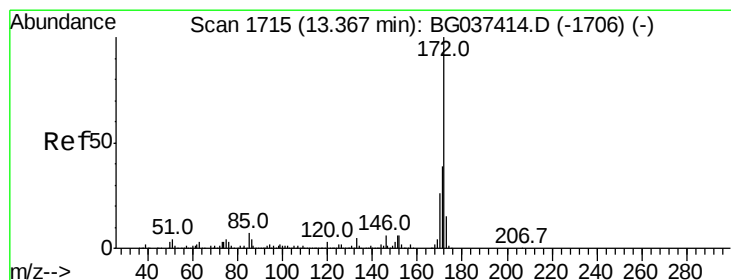
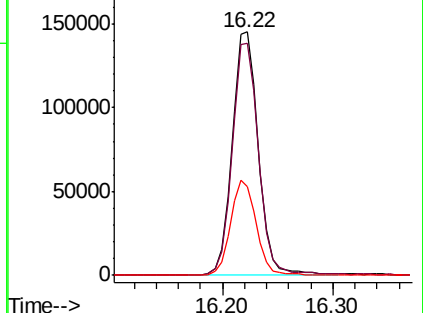
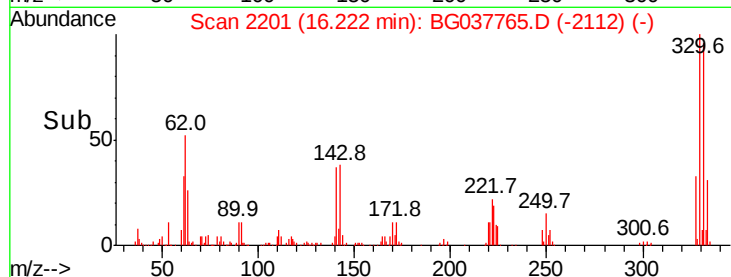
141 38.4 32.2 48.2



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: 81.605 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

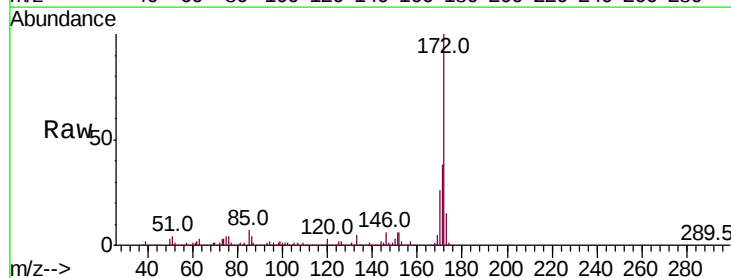
Tgt Ion:172 Resp: 1018715

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

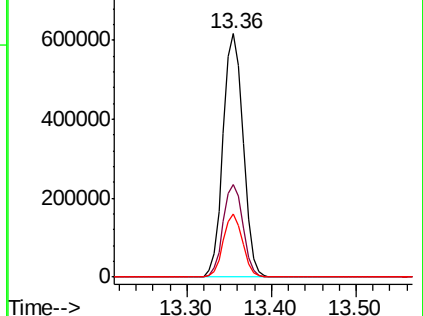
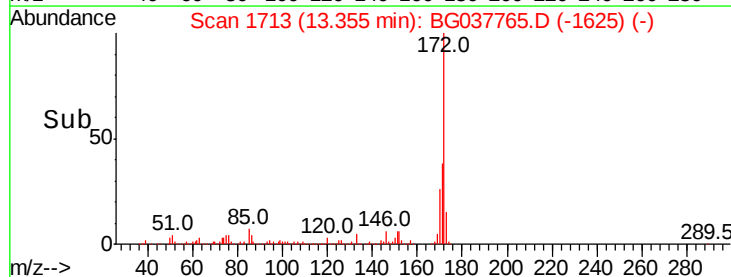
170 25.8 20.2 30.2

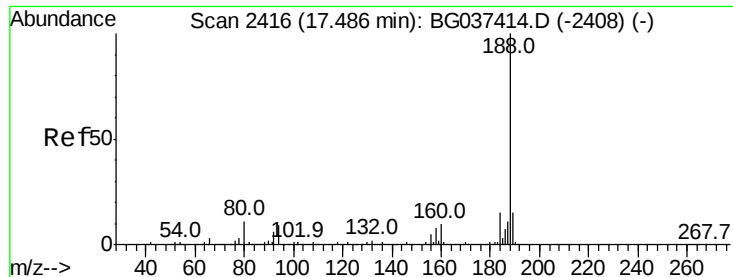


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

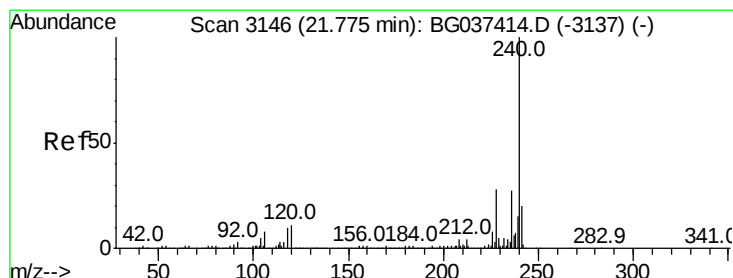
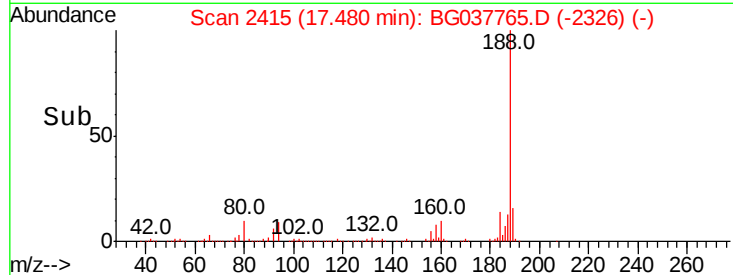
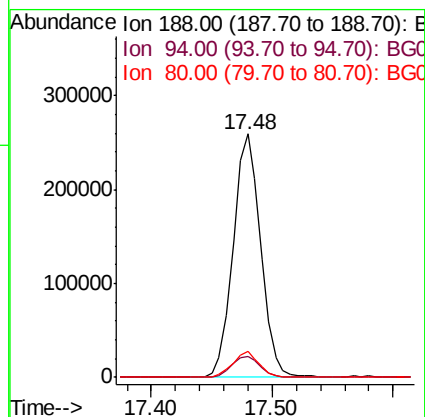
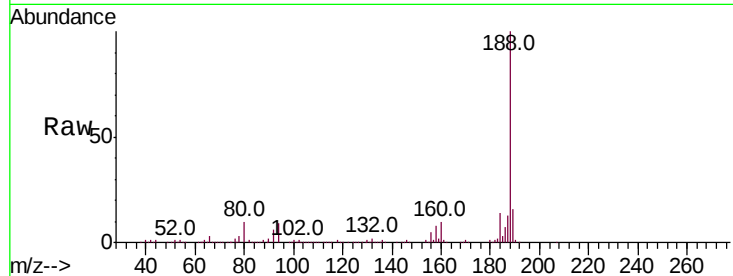




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

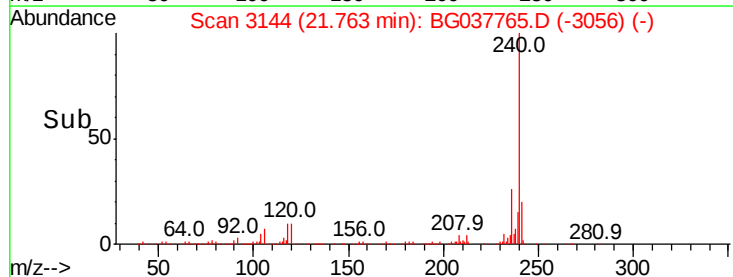
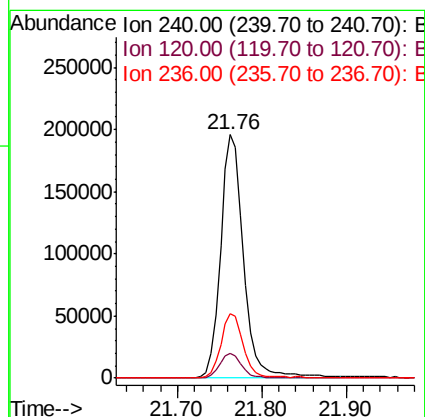
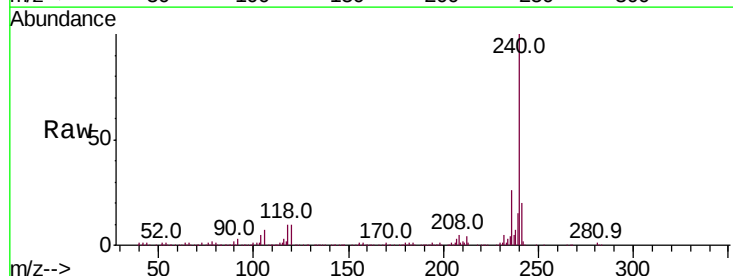
Instrument :
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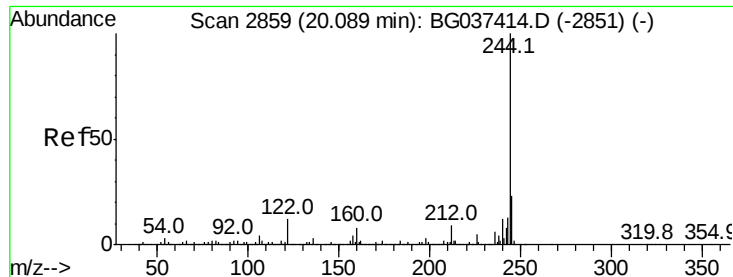
Tot Ion:188 Resp: 410483
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:240 Resp: 372107
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 80.931 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

CPS07381

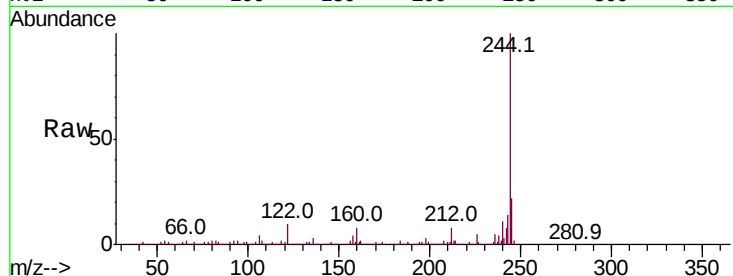
Tot Ion:244 Resp: 1409379

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

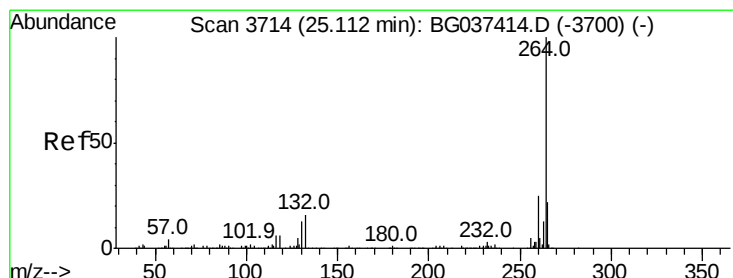
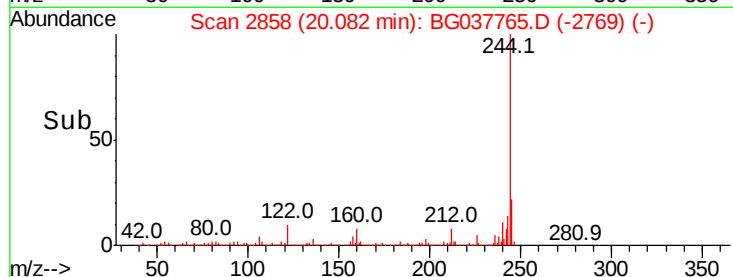
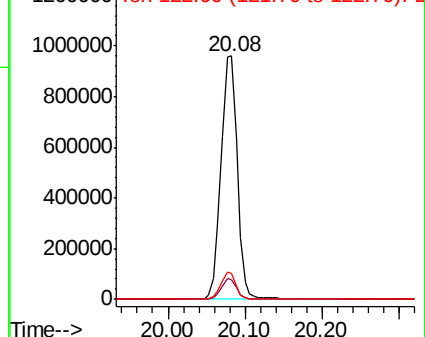
122 10.5 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

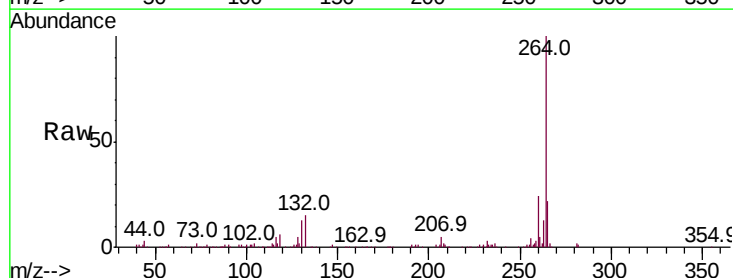
Tgt Ion:264 Resp: 326522

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.4 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

