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 Data File : BG031409.D
 Acq On : 7 Dec 2017 21:41
 Operator : SJ/JU
 Sample : I6765-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB007A

Quant Time: Dec 08 02:53:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

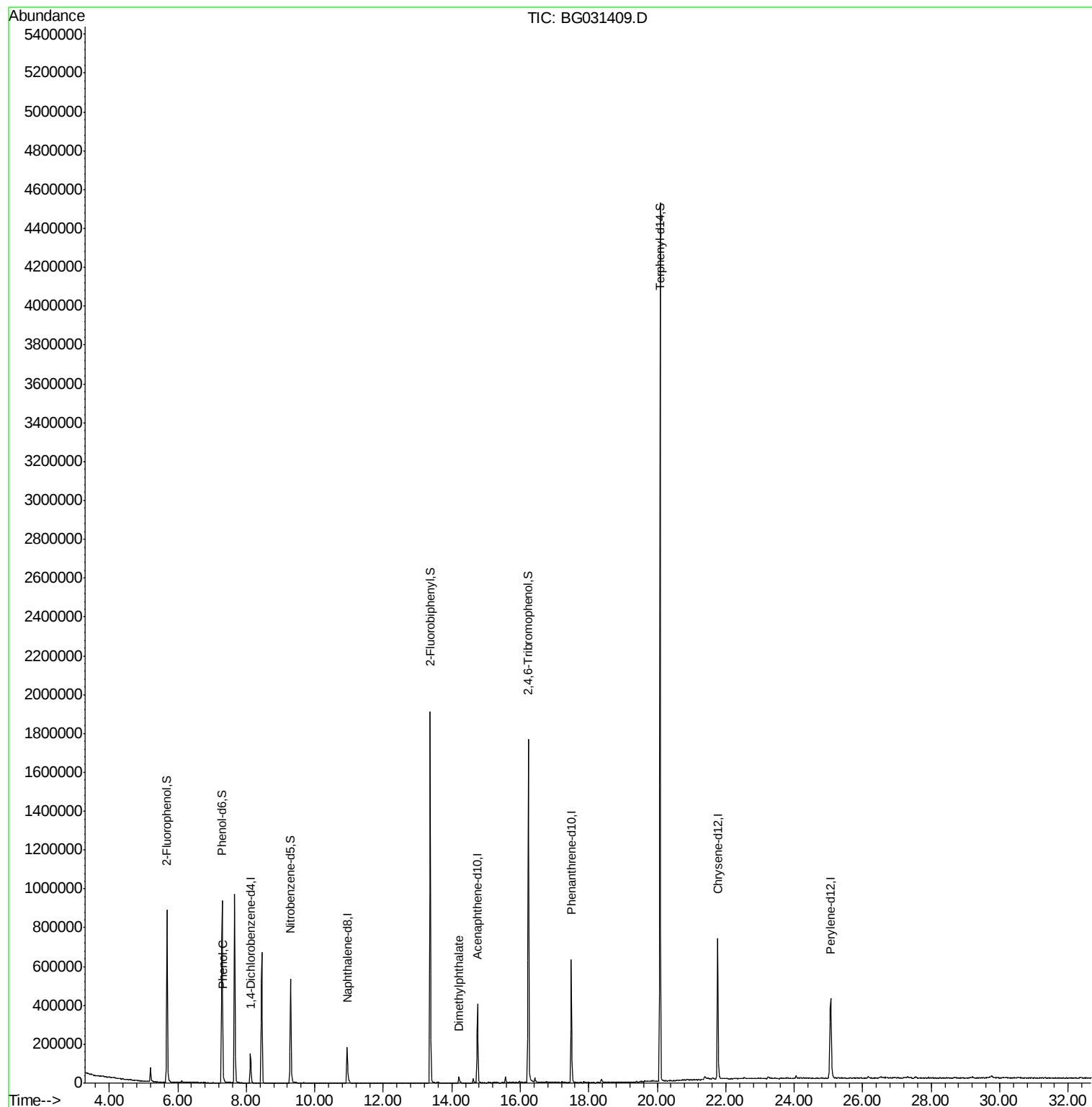
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44946	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	205994	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	157474	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	450084	20.00	ng	0.00
75) Chrysene-d12	21.77	240	503811	20.00	ng	0.00
86) Perylene-d12	25.06	264	487149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	434767	165.87	ng	0.00
7) Phenol-d6	7.30	99	604902	171.30	ng	0.00
23) Nitrobenzene-d5	9.29	82	362163	104.18	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	359661	141.19	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1110419	101.32	ng	0.00
78) Terphenyl-d14	20.08	244	2181774	95.62	ng	0.00
Target Compounds						
10) Phenol	7.32	94	21923	5.978	ng	96
49) Dimethylphthalate	14.21	163	33230	2.441	ng	99

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

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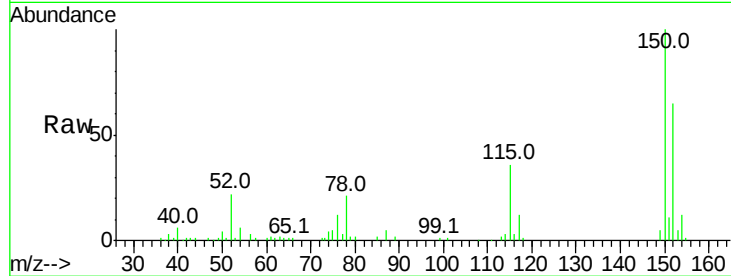


#1

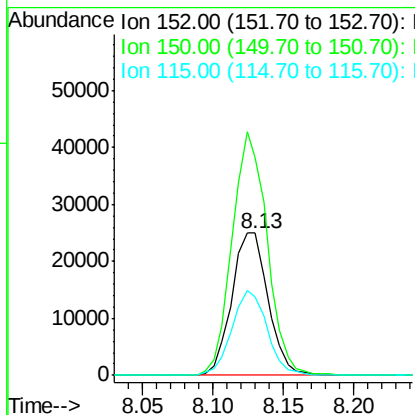
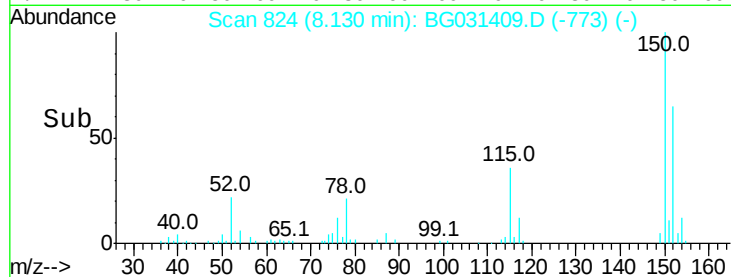
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Instrument :
BNA_G
ClientSampleId :
SOIL-SB007A

Tot Ion:152 Resp: 44946
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 55.3 53.0 79.4



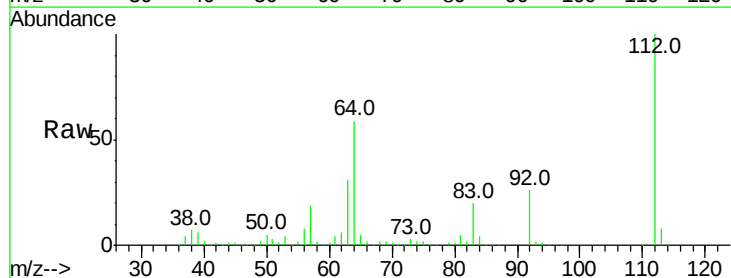
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



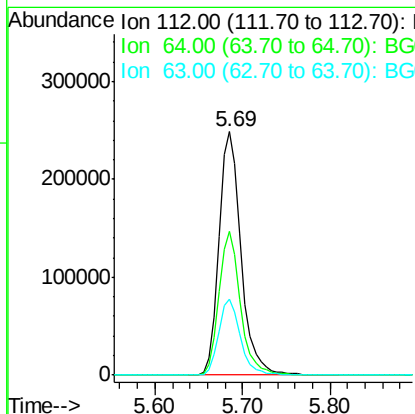
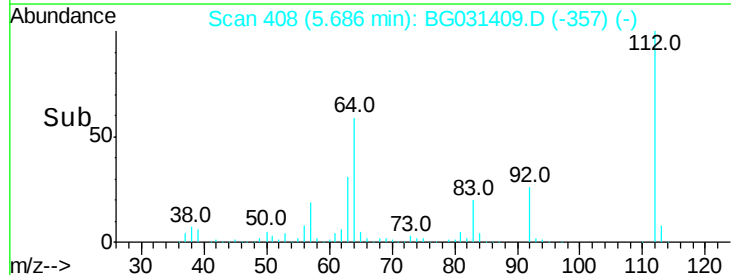
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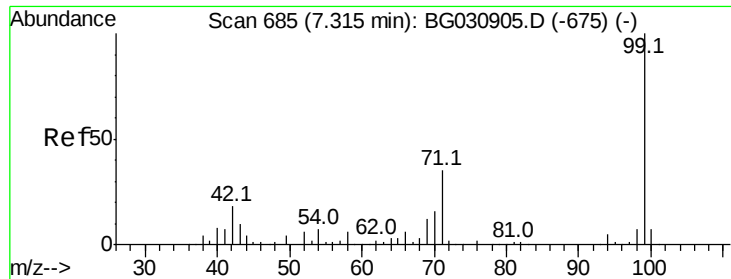
2-Fluorophenol
Concen: 165.870 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Tgt Ion:112 Resp: 434767
Ion Ratio Lower Upper
112 100
64 58.9 56.3 84.5
63 31.3 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: 171.301 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031409.D

Acq: 7 Dec 2017 21:41

Instrument :

BNA_G

ClientSampleId :

SOIL-SB007A

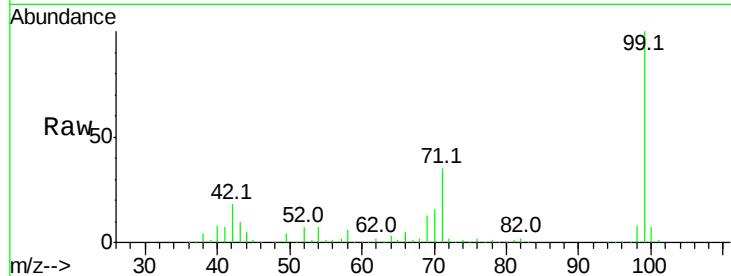
Tot Ion: 99 Resp: 604902

Ion Ratio Lower Upper

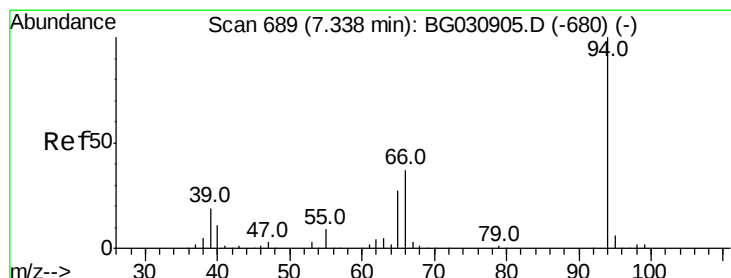
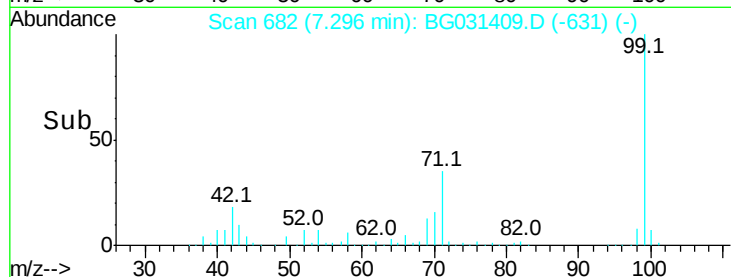
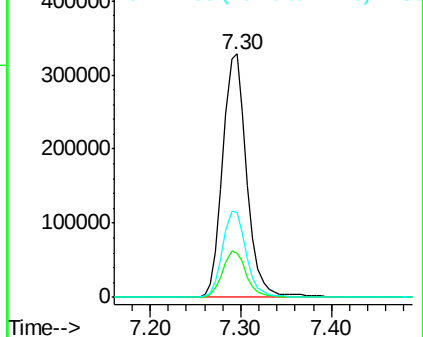
99 100

42 18.2 14.1 21.1

71 34.8 26.1 39.1



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: 5.978 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031409.D

Acq: 7 Dec 2017 21:41

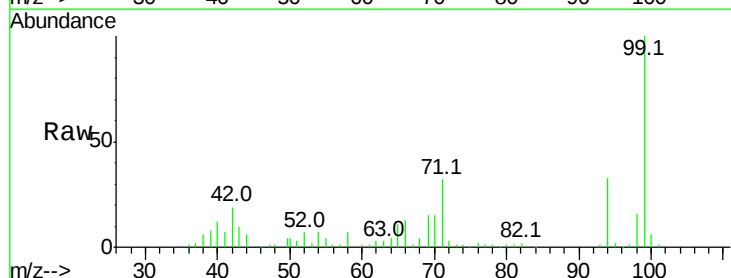
Tgt Ion: 94 Resp: 21923

Ion Ratio Lower Upper

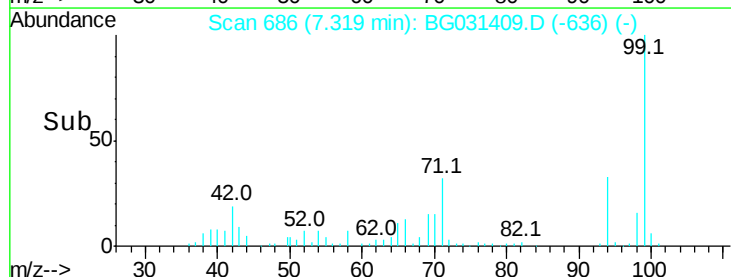
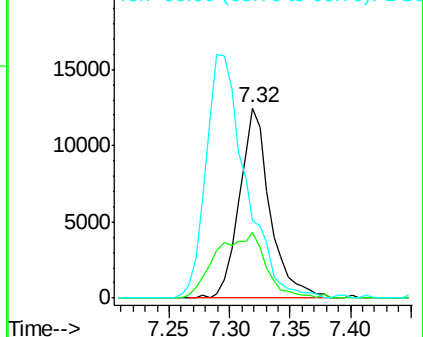
94 100

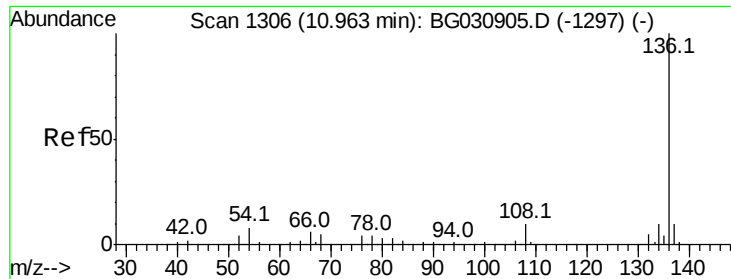
65 34.5 11.9 51.9

66 40.6 22.2 62.2



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

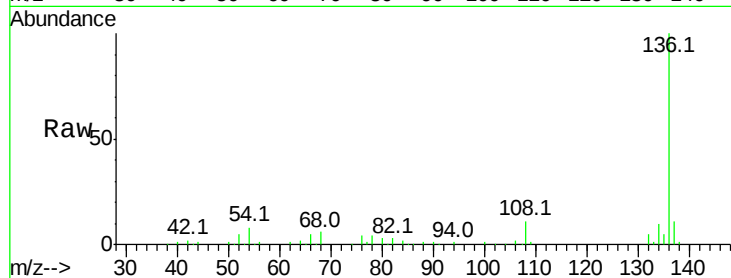




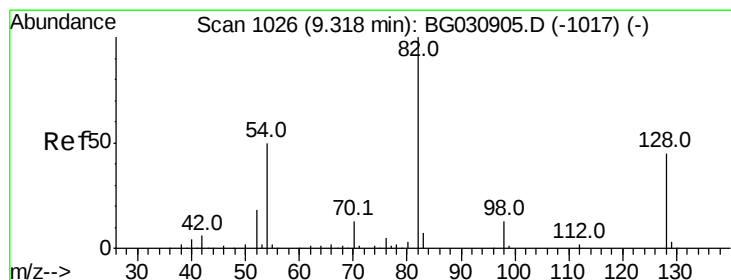
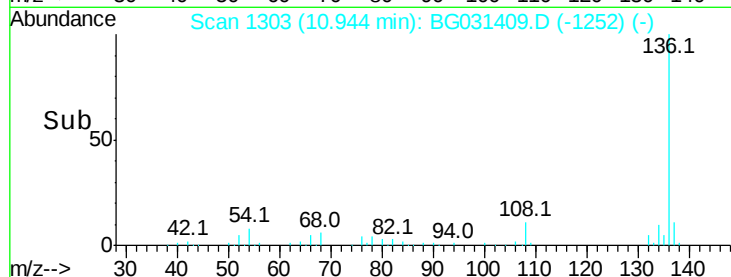
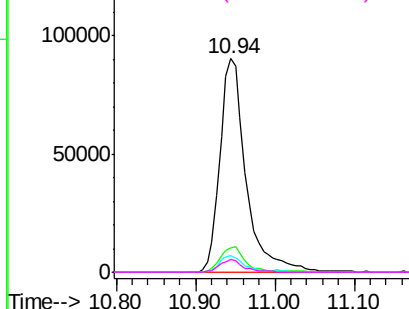
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Instrument :
BNA_G
ClientSampleId :
SOIL-SB007A

Tot Ion:	136	Resp:	205994
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.0	10.3	15.5#
68	6.2	4.5	6.7

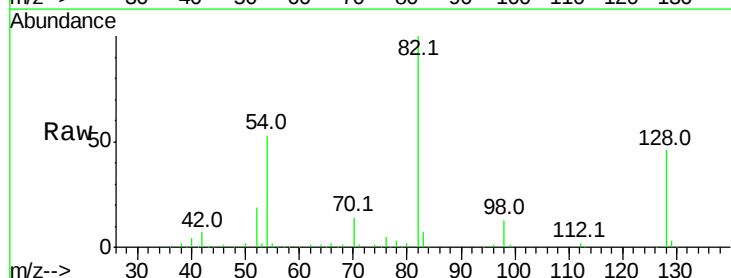


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

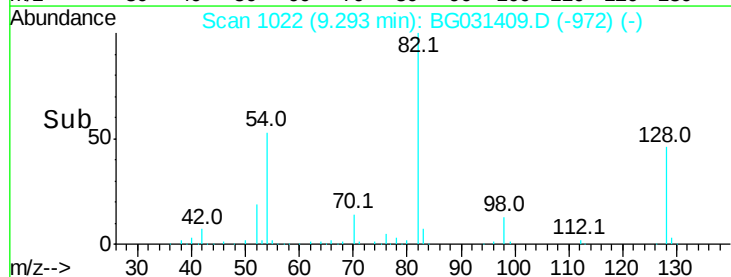
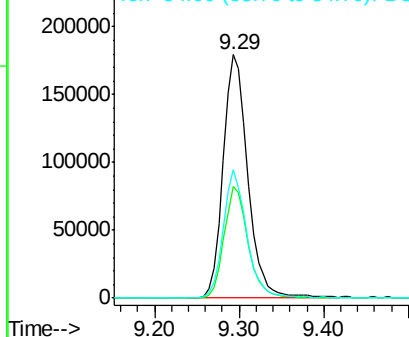


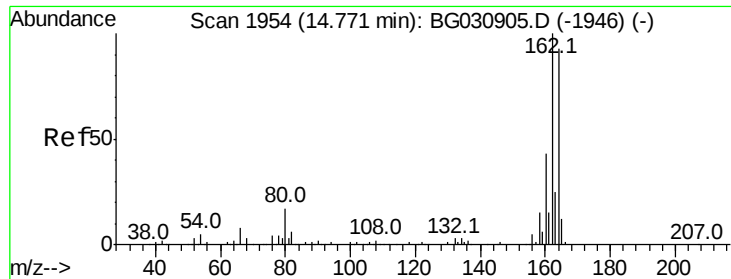
#23
Nitrobenzene-d5
Concen: 104.180 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Tgt Ion:	82	Resp:	362163
Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	52.6	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

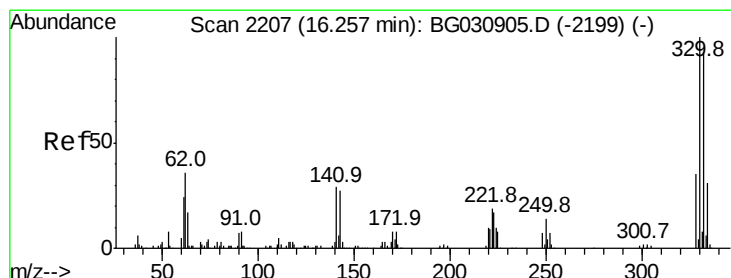
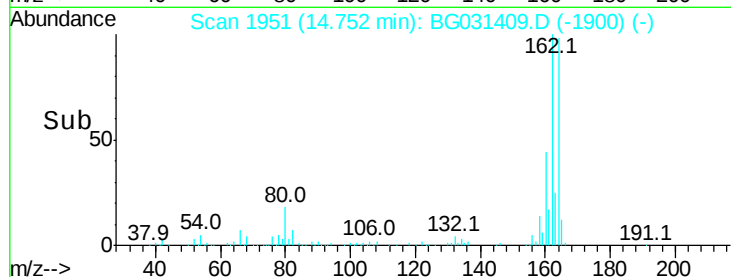
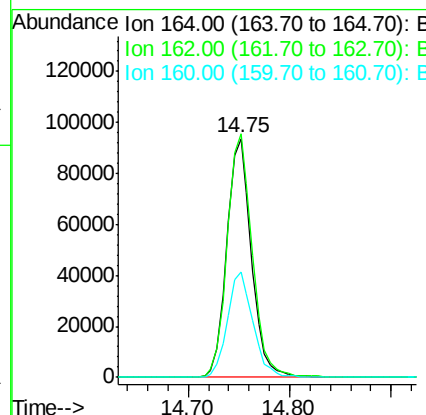
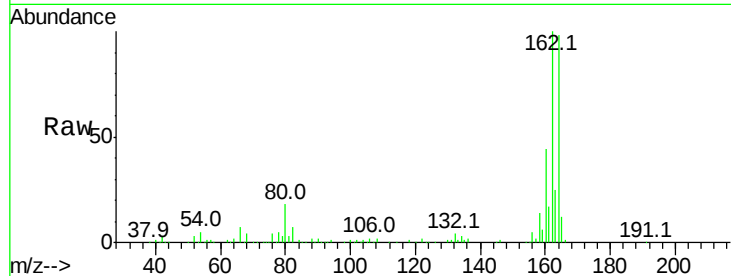




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

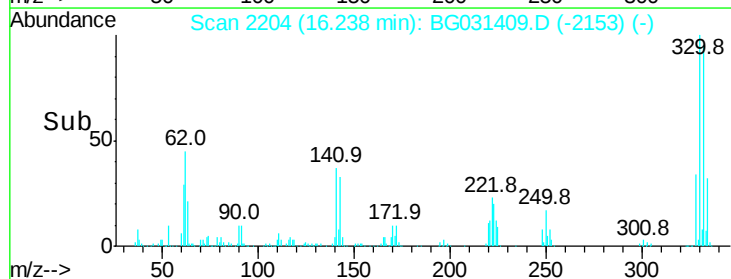
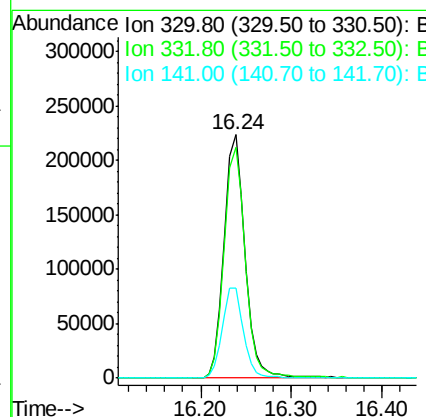
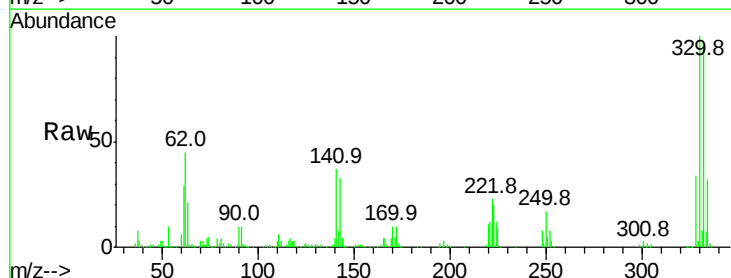
Instrument :
BNA_G
ClientSampleId :
SOIL-SB007A

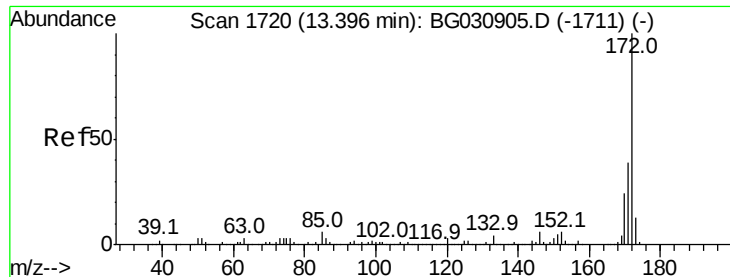
Tot Ion:164 Resp: 157474
Ion Ratio Lower Upper
164 100
162 102.1 78.8 118.2
160 44.4 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 141.187 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Tgt Ion:330 Resp: 359661
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 37.5 25.2 37.8

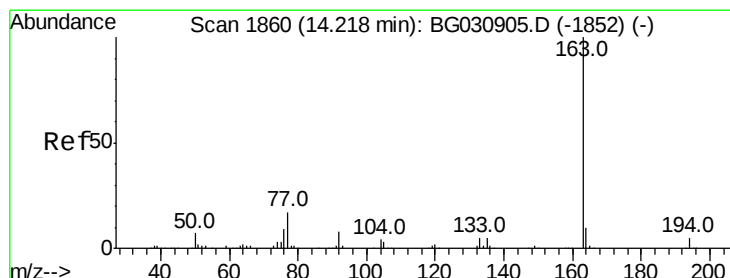
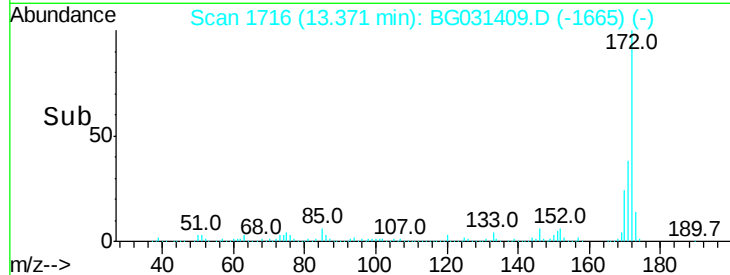
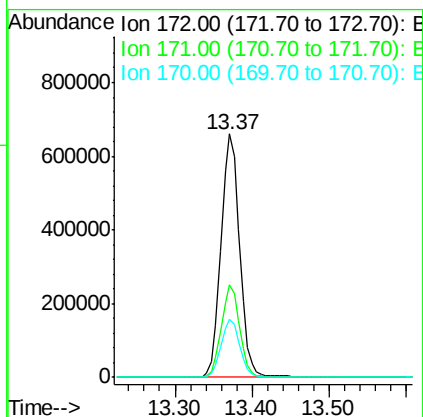
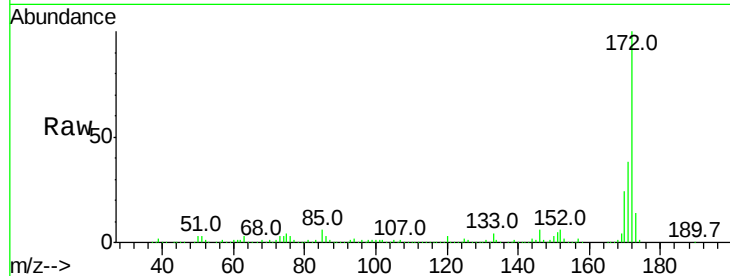




#44
2-Fluorobiphenyl
Concen: 101.321 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

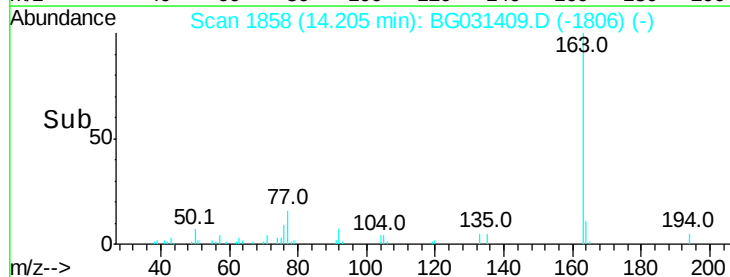
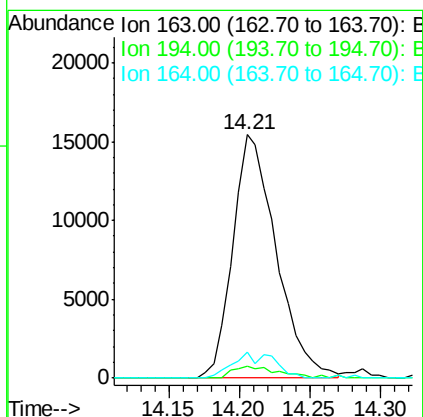
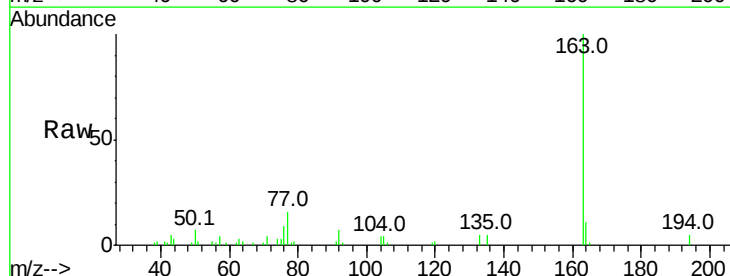
Instrument :
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ClientSampleId :
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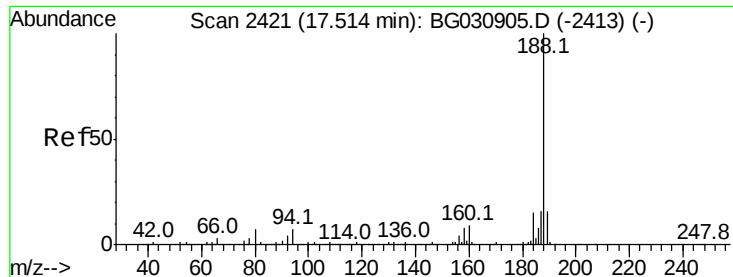
Tot Ion:172 Resp: 1110419
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 2.441 ng
RT: 14.21 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Tgt Ion:163 Resp: 33230
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.5 8.2 12.4

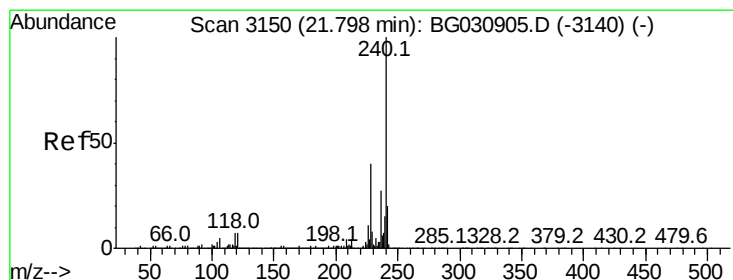
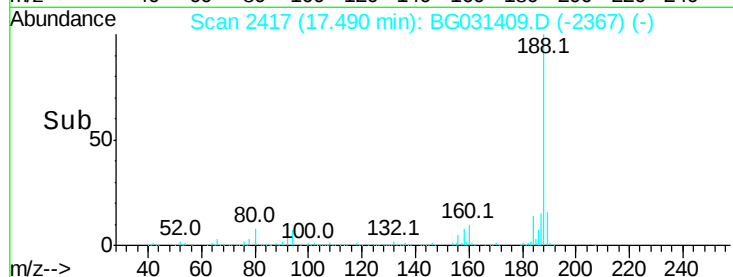
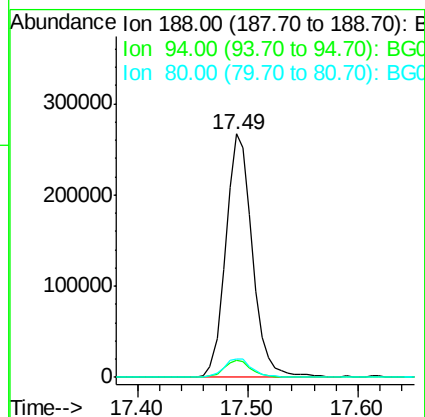
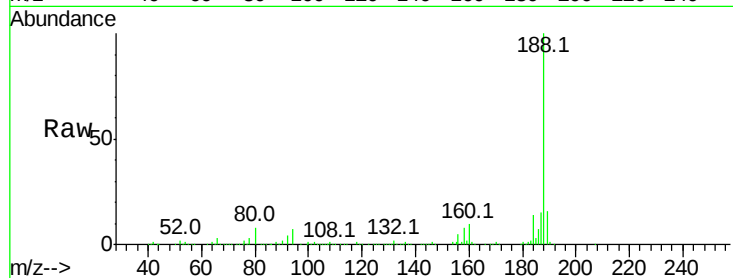




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

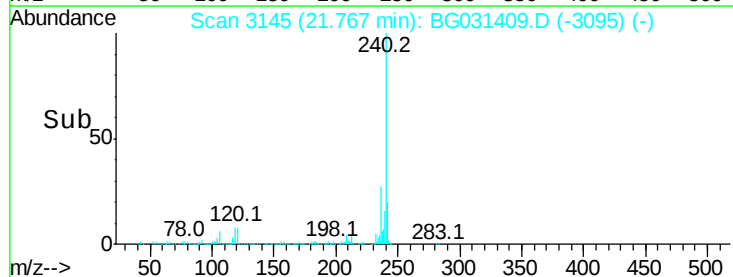
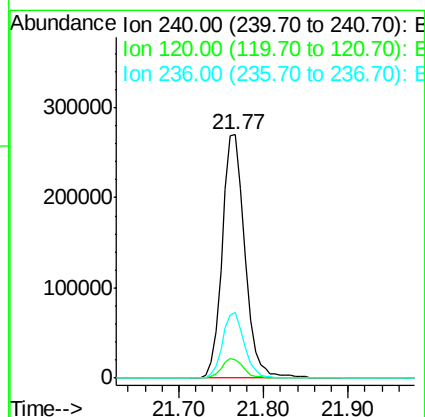
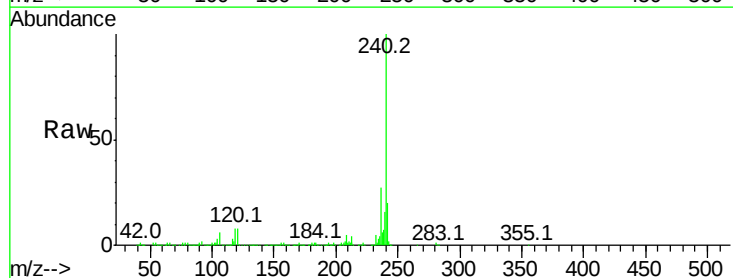
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BNA_G
ClientSampleId :
SOIL-SB007A

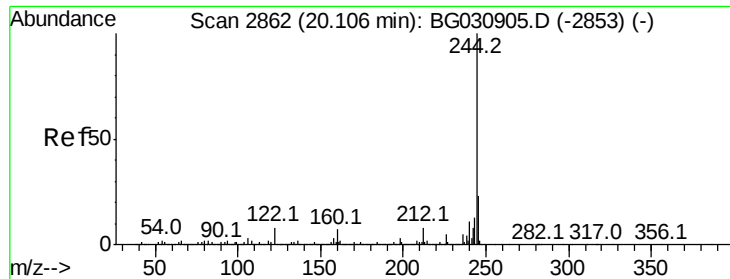
Tot Ion:188 Resp: 450084
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031409.D
Acq: 7 Dec 2017 21:41

Tgt Ion:240 Resp: 503811
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 95.622 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031409.D

Acq: 7 Dec 2017 21:41

Instrument :

BNA_G

ClientSampleId :

SOIL-SB007A

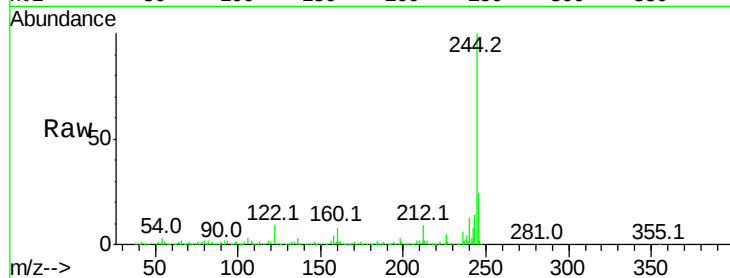
Tot Ion:244 Resp: 2181774

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

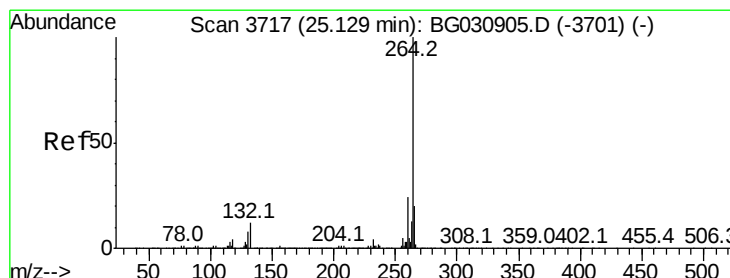
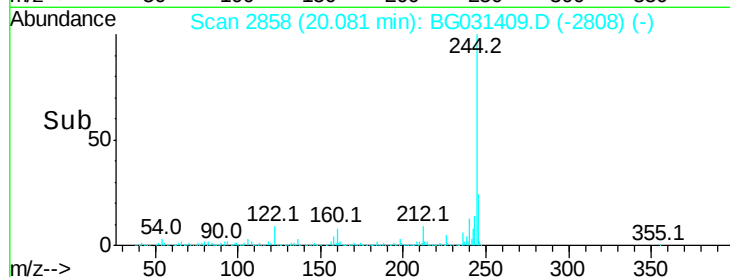
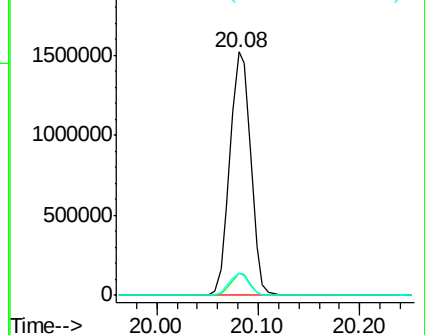
122 9.3 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031409.D

Acq: 7 Dec 2017 21:41

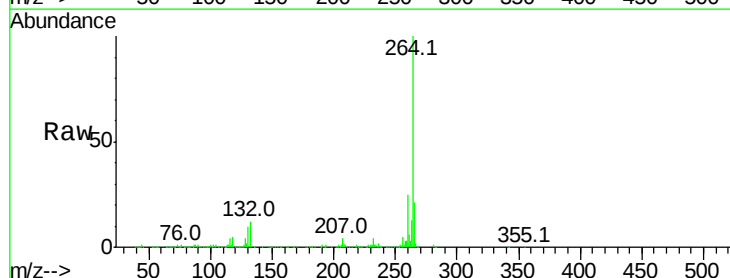
Tgt Ion:264 Resp: 487149

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.2 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

