

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110917\
 Data File : BG030886.D
 Acq On : 9 Nov 2017 18:57
 Operator : SJ/JU
 Sample : I6286-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 10 01:23:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	53560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	255010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	169749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	423690	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	462349	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	445089	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6993	5.31	ng/uL	0.00
5) Phenol-d5	7.31	99	141667	27.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	82726	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	113492	31.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	118185	28.47	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	59740	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	73393	39.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	130924	30.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	164910	33.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	449180	30.95	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	553120	31.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	65900	24.60	ng/ul	0.00
57) Fluorene-d10	15.75	176	411540	34.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	71188	34.42	ng/ul	0.00
70) Anthracene-d10	17.61	188	641872	32.03	ng/ul	0.00
76) Pyrene-d10	19.88	212	767431	32.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	723721	34.33	ng/ul	0.00

Target Compounds

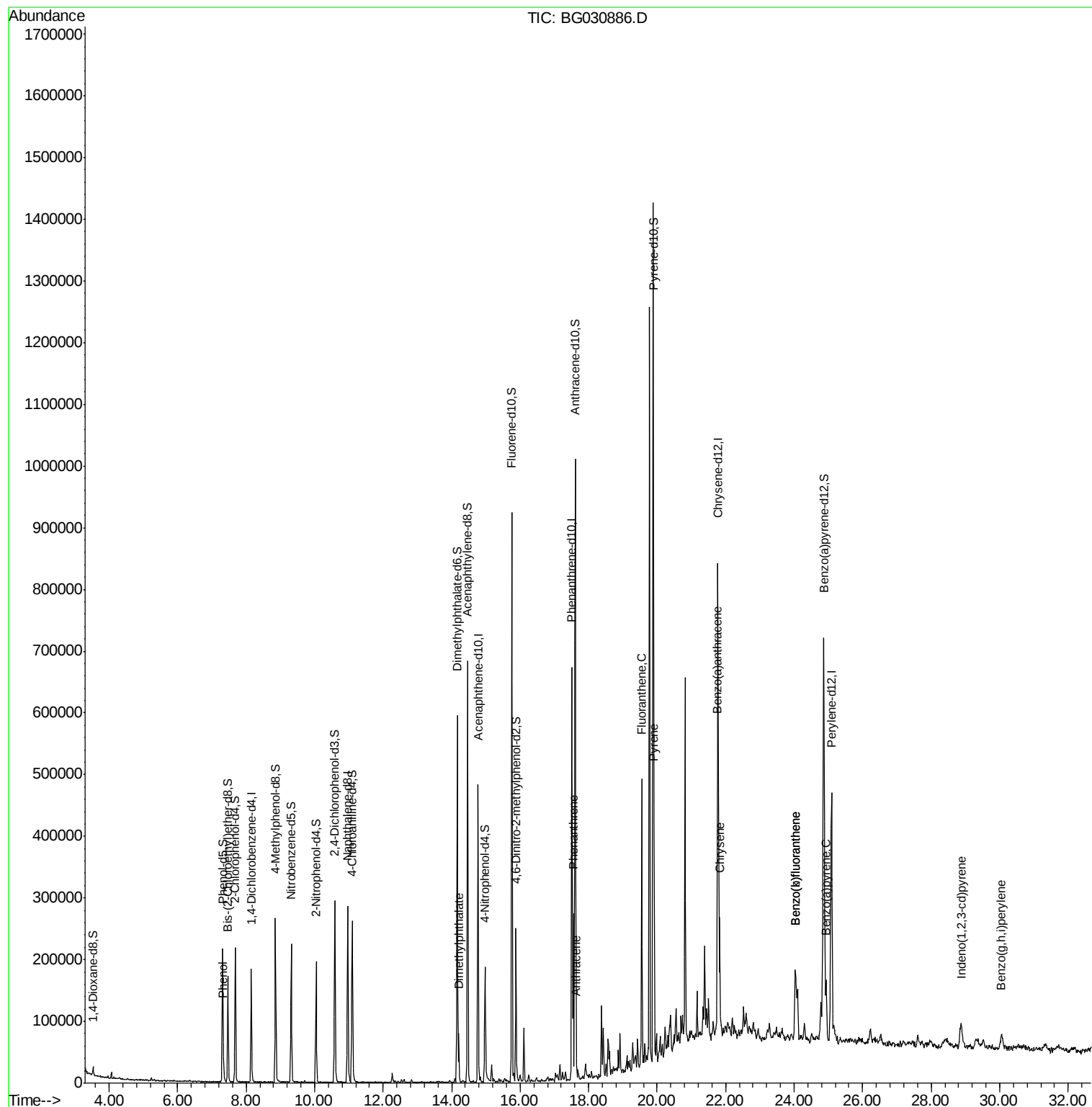
						Ovalue
6) Phenol	7.34	94	10923	2.05	ng/ul	91
44) Dimethylphthalate	14.21	163	51849	3.66	ng/ul	97
69) Phenanthrene	17.55	178	172080	7.51	ng/ul	99
71) Anthracene	17.64	178	24664	1.04	ng/ul	97
74) Fluoranthene	19.55	202	293919	11.48	ng/ul	98
77) Pyrene	19.91	202	250592	8.09	ng/ul	98
80) Benzo(a)anthracene	21.76	228	133736	4.62	ng/ul	98
82) Chrysene	21.83	228	138478	5.26	ng/ul	97
85) Benzo(b)fluoranthene	24.04	252	149111	5.58	ng/ul#	94
86) Benzo(k)fluoranthene	24.04	252	149111	5.77	ng/ul#	94
88) Benzo(a)pyrene	24.93	252	104665	4.02	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	61571	2.09	ng/ul	97
91) Benzo(g,h,i)perylene	30.05	276	49909	2.05	ng/ul#	95

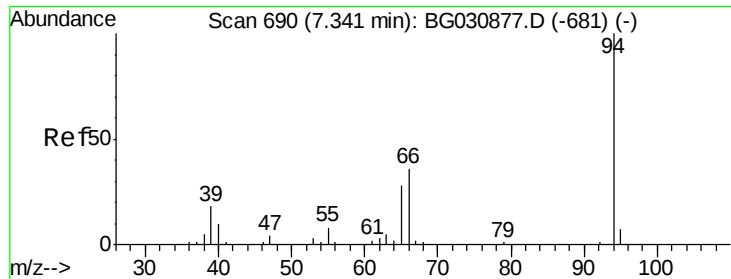
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.05 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

ClientSampleId :

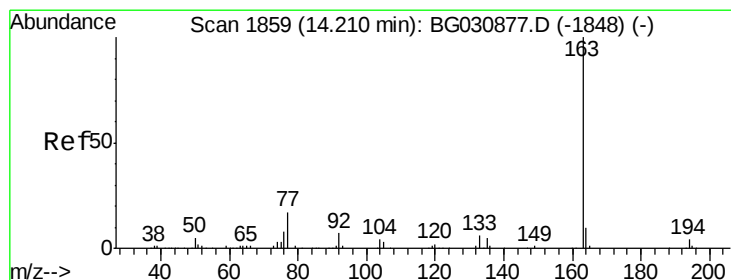
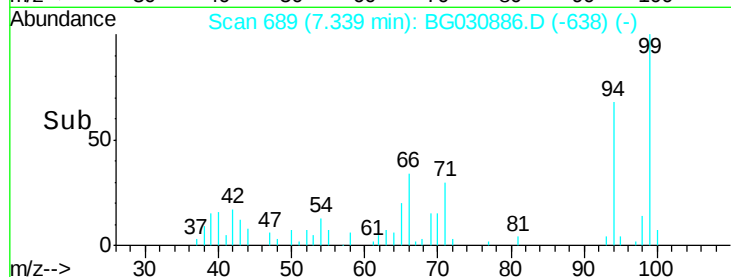
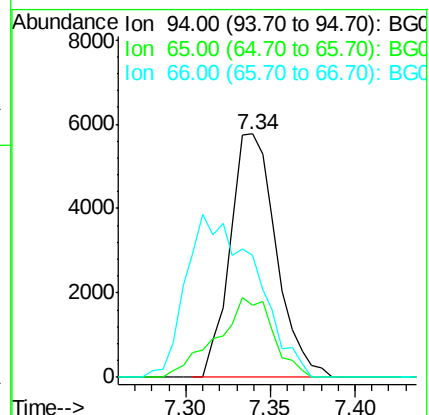
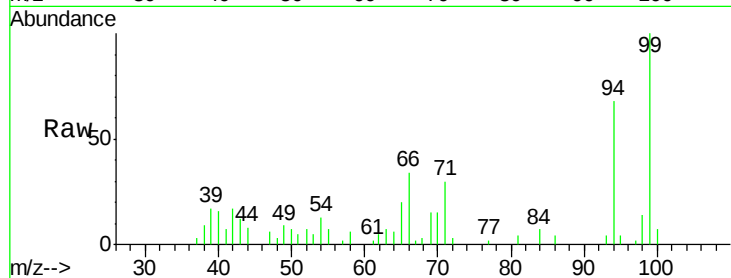
Tot Ion: 94 Resp: 10923

Ion Ratio Lower Upper

94 100

65 29.4 27.1 40.7

66 50.2 34.6 52.0



#44

Dimethylphthalate

Concen: 3.66 ng/ul

RT: 14.21 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

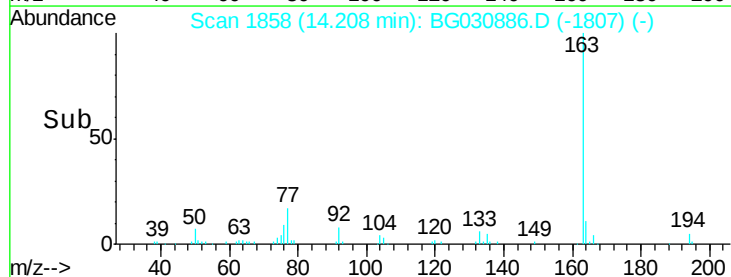
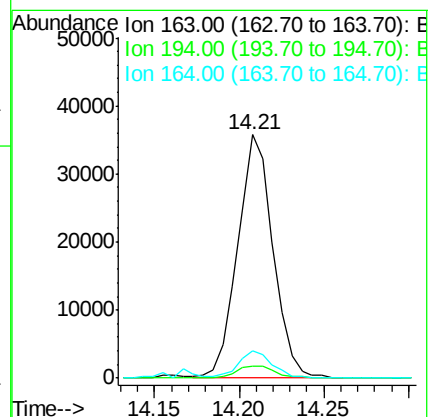
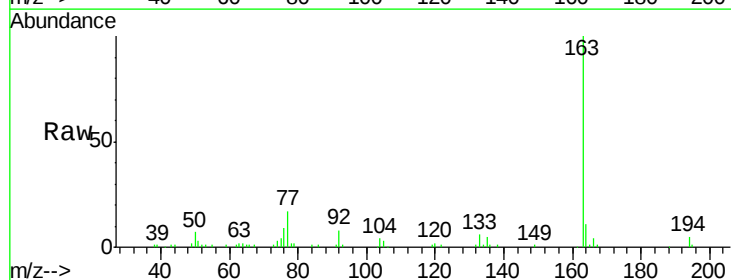
Tgt Ion:163 Resp: 51849

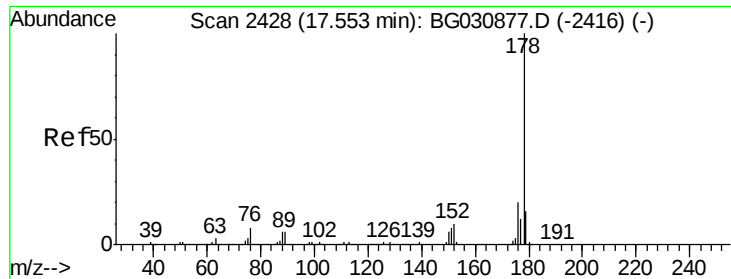
Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 11.1 7.6 11.4





#69

Phenanthrene

Concen: 7.51 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

ClientSampled :

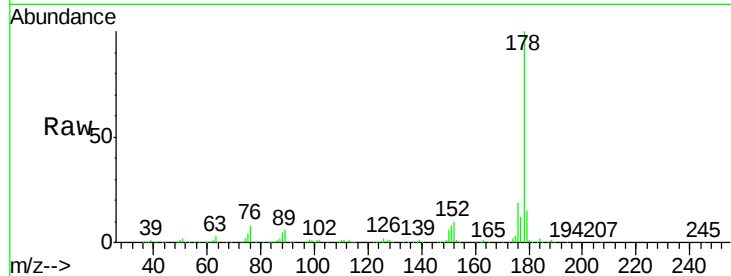
Tot Ion:178 Resp: 172080

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.6

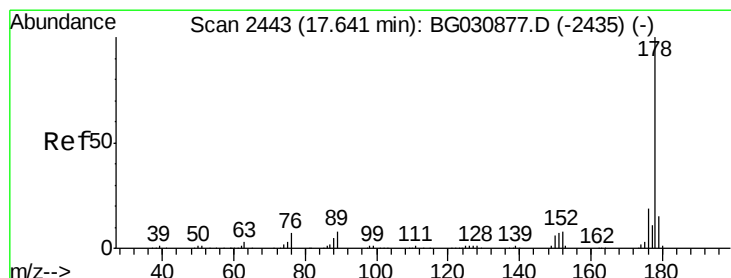
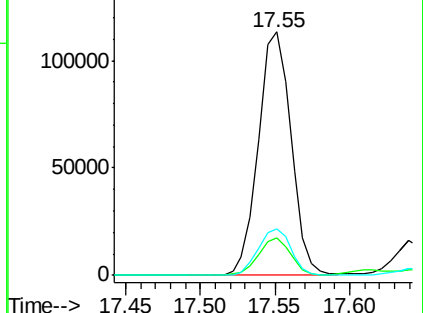
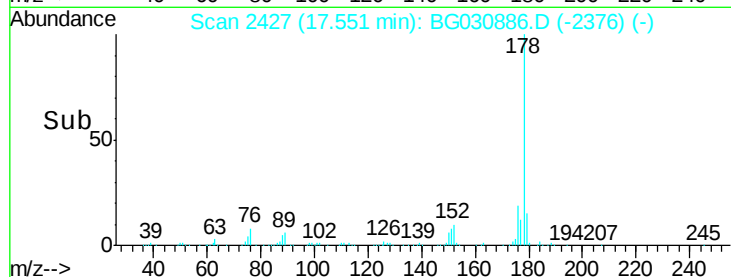
176 19.1 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.04 ng/ul

RT: 17.64 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

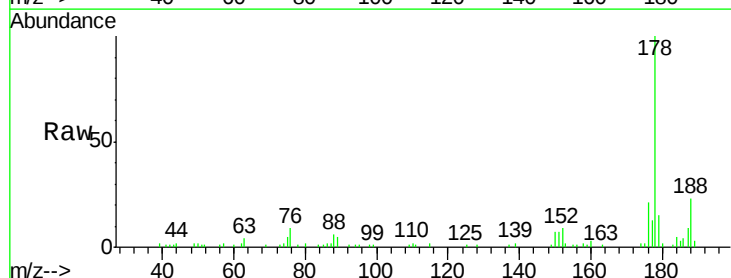
Tgt Ion:178 Resp: 24664

Ion Ratio Lower Upper

178 100

179 14.6 13.2 19.8

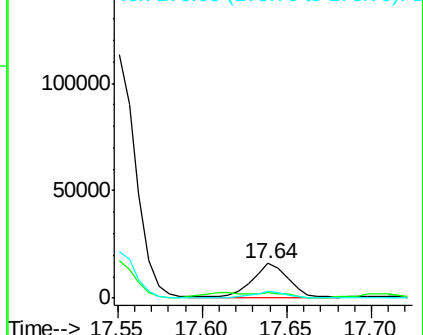
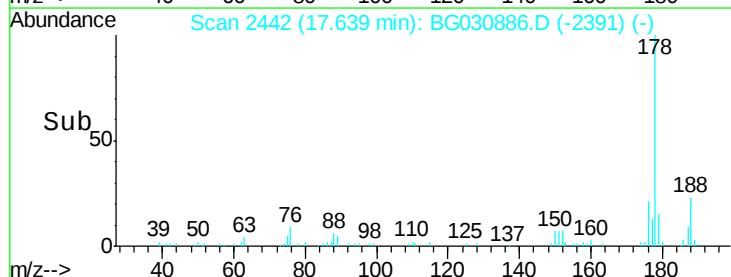
176 20.9 16.0 24.0

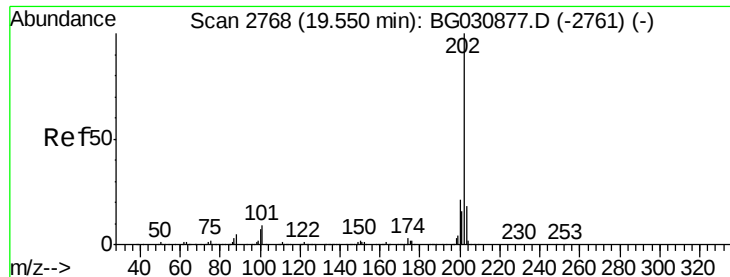


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 11.48 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

ClientSampleId :

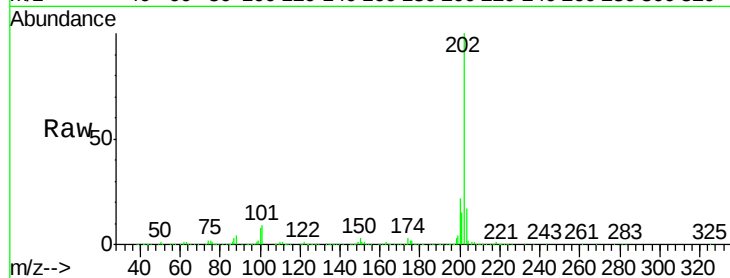
Tot Ion:202 Resp: 293919

Ion Ratio Lower Upper

202 100

101 8.6 7.4 11.2

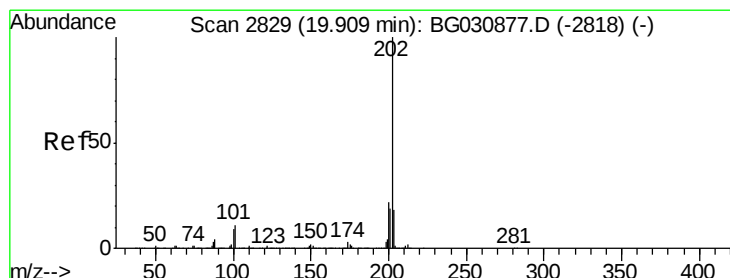
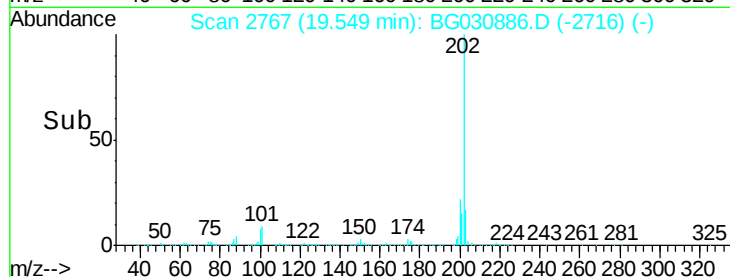
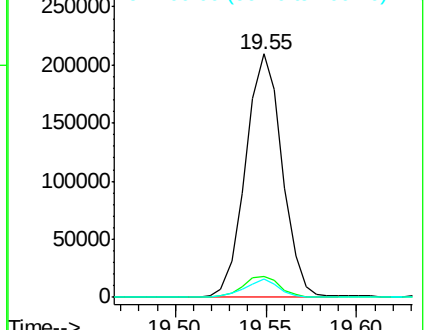
100 7.7 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 8.09 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

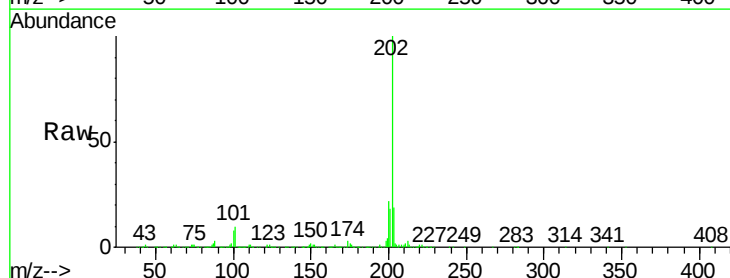
Tgt Ion:202 Resp: 250592

Ion Ratio Lower Upper

202 100

101 9.9 8.4 12.6

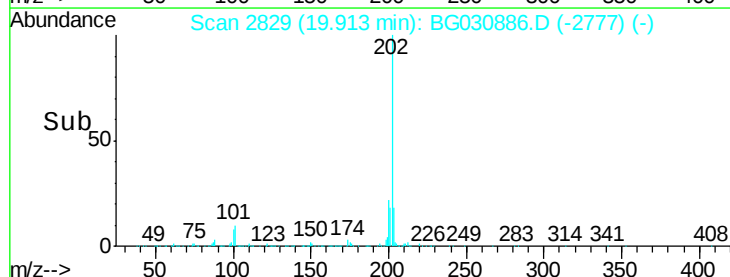
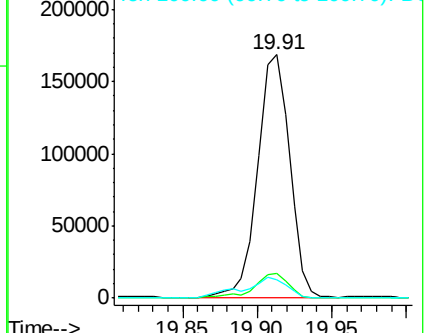
100 7.6 7.0 10.6

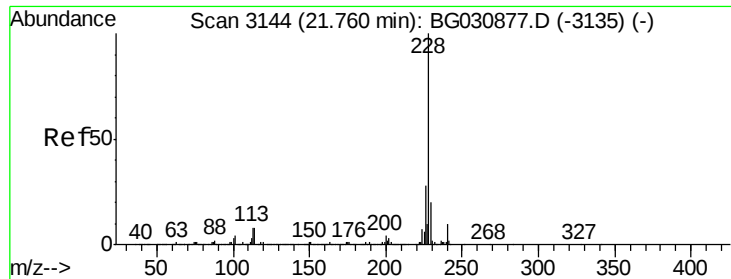


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

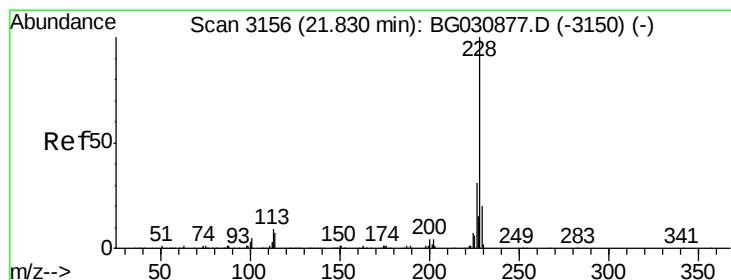
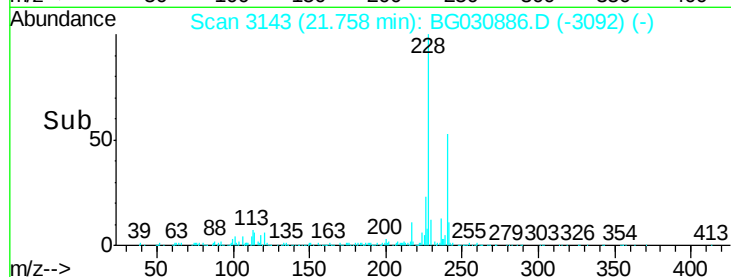
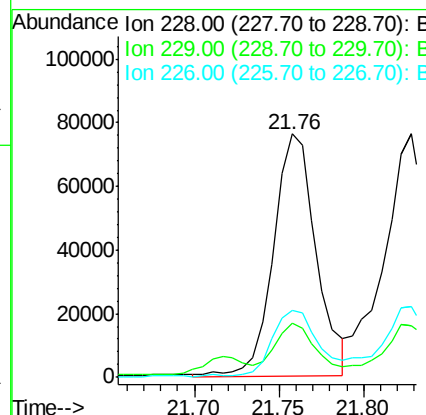
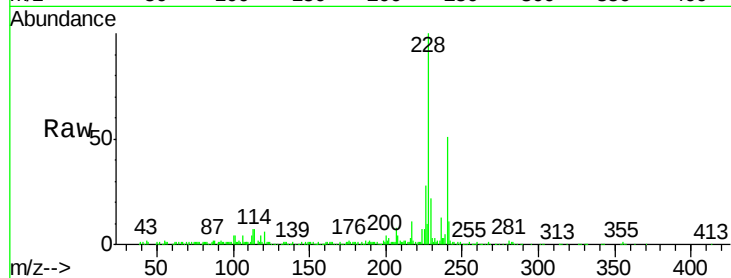




#80
Benzo(a)anthracene
Concen: 4.62 ng/ul
RT: 21.76 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG030886.D
Acq: 9 Nov 2017 18:57

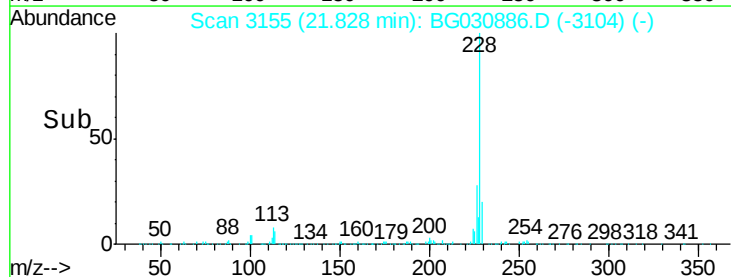
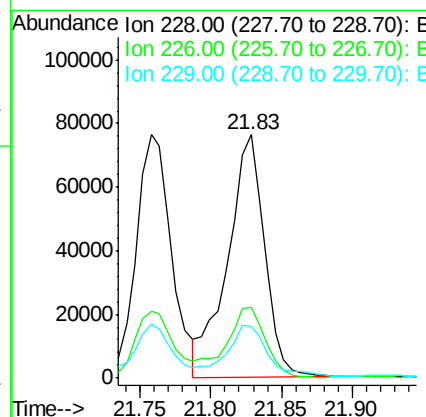
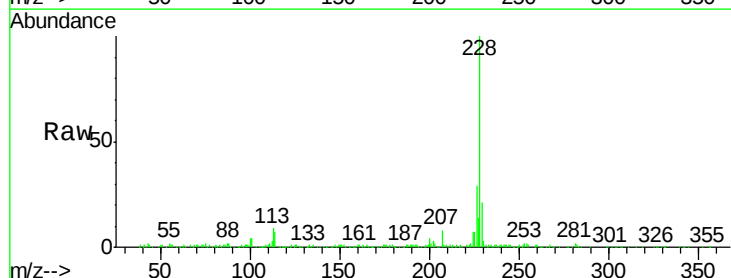
Instrument :
BNA_G
ClientSampleId :

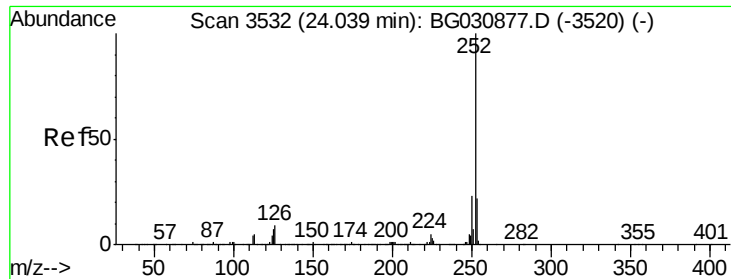
Tot Ion:228 Resp: 133736
Ion Ratio Lower Upper
228 100
229 22.3 16.2 24.4
226 27.5 22.2 33.2



#82
Chrysene
Concen: 5.26 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030886.D
Acq: 9 Nov 2017 18:57

Tgt Ion:228 Resp: 138478
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.2
229 21.3 15.2 22.8

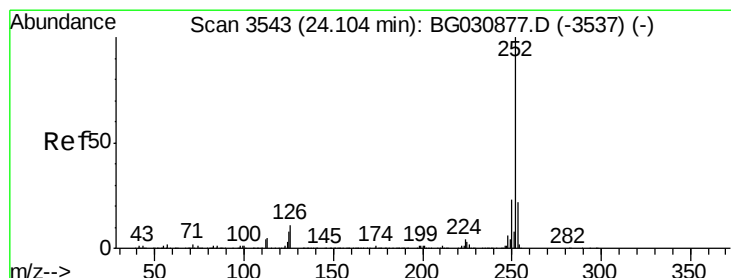
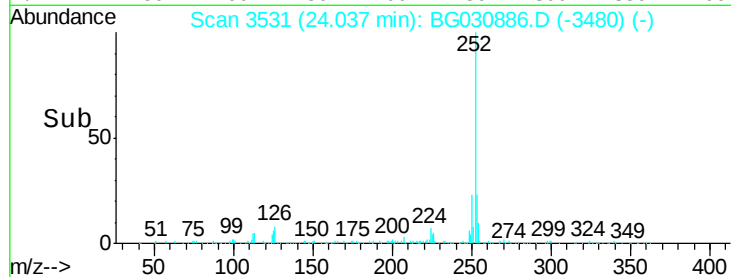
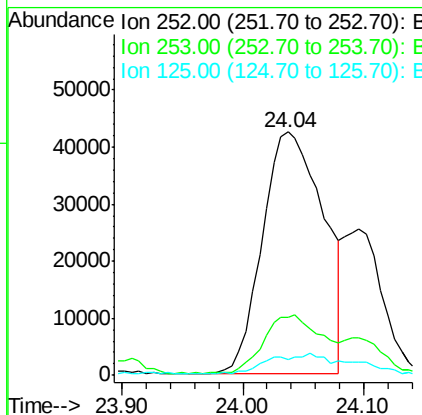
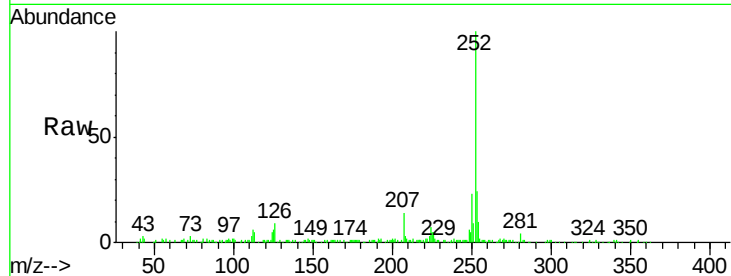




#85
Benzo(b)fluoranthene
Concen: 5.58 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG030886.D
Acq: 9 Nov 2017 18:57

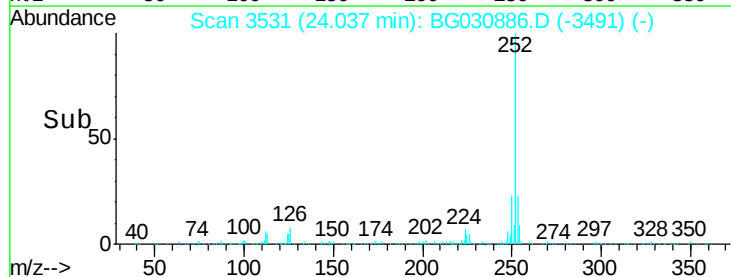
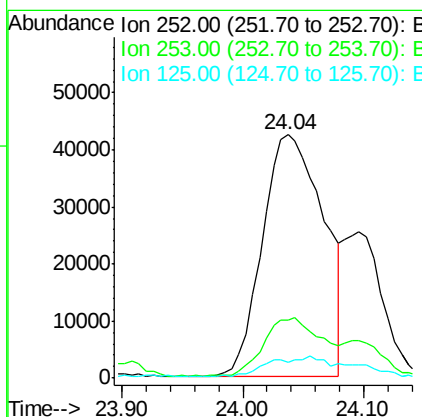
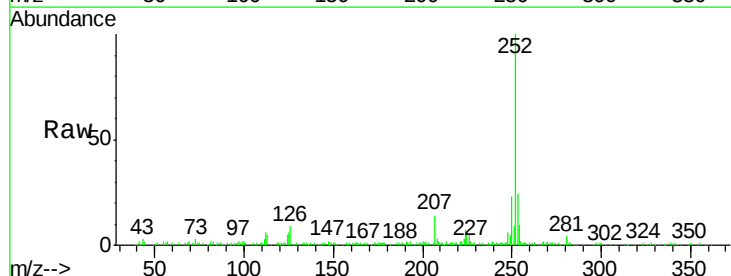
Instrument :
BNA_G
ClientSampleId :

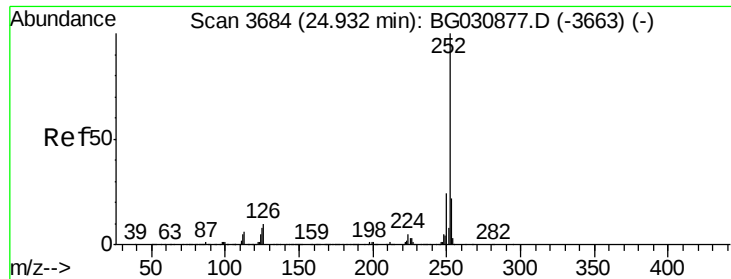
Tot Ion:252 Resp: 149111
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 6.4 7.5 11.3#



#86
Benzo(k)fluoranthene
Concen: 5.77 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. -0.07 min
Lab File: BG030886.D
Acq: 9 Nov 2017 18:57

Tgt Ion:252 Resp: 149111
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 6.4 7.8 11.8#





#88

Benzo(a)pyrene

Concen: 4.02 ng/ul

RT: 24.93 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

ClientSampled :

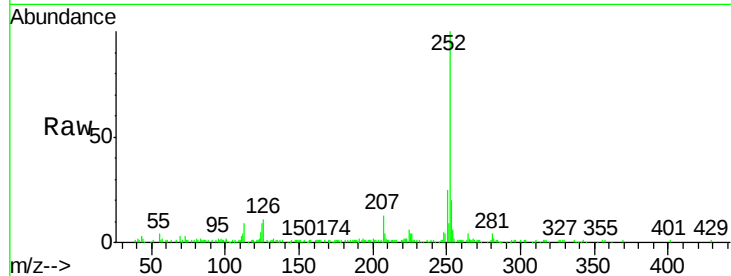
Tot Ion:252 Resp: 104665

Ion Ratio Lower Upper

252 100

253 20.3 17.1 25.7

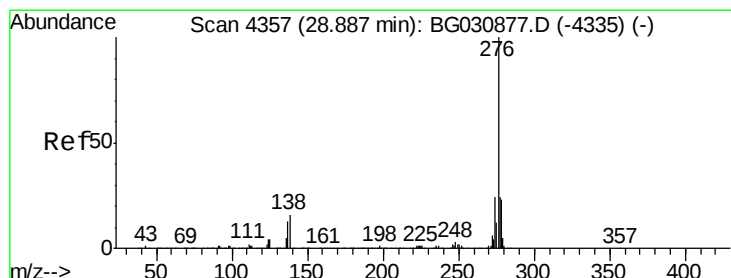
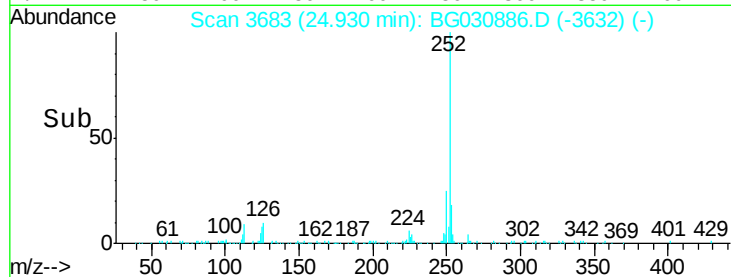
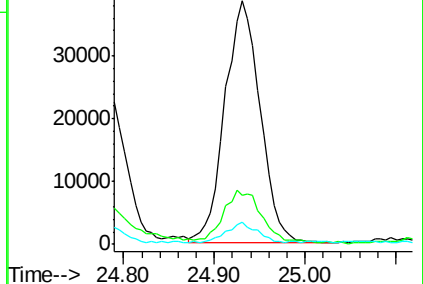
125 9.0 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.09 ng/ul

RT: 28.87 min Scan# 4354

Delta R.T. -0.01 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

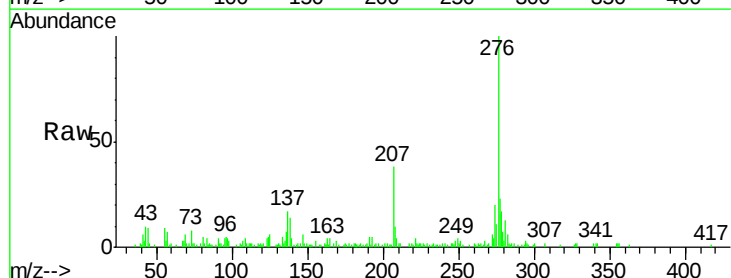
Tgt Ion:276 Resp: 61571

Ion Ratio Lower Upper

276 100

138 13.8 13.4 20.0

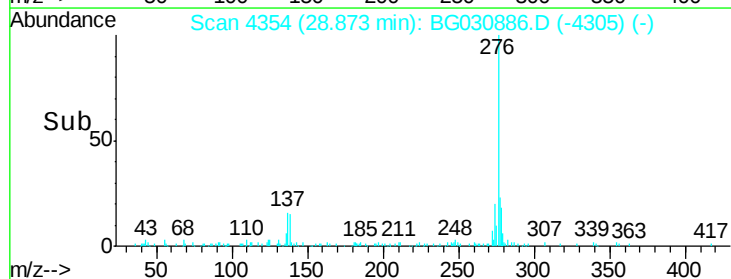
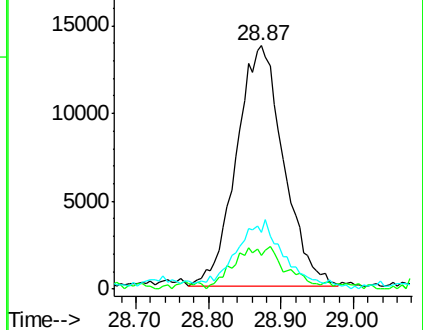
277 23.1 18.6 28.0

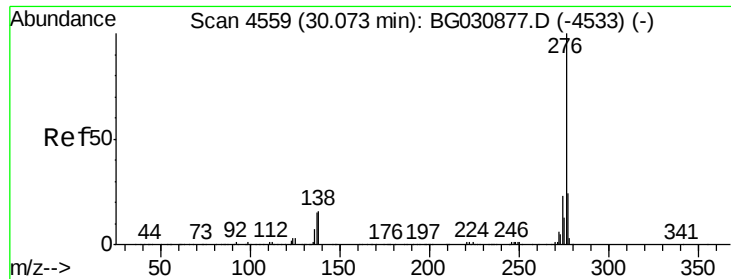


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.05 ng/ul

RT: 30.05 min Scan# 4554

Delta R.T. -0.03 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

ClientSampleId :

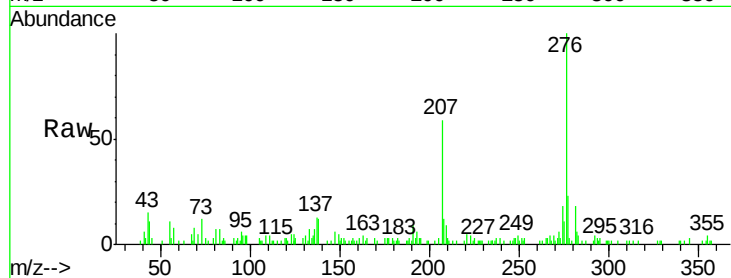
Tot Ion: 276 Resp: 49909

Ion Ratio Lower Upper

276 100

138 11.6 12.1 18.1#

277 23.3 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

