

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021862.D
 Acq On : 12 May 2016 3:02
 Operator : UM/SJ
 Sample : H2936-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ7

Quant Time: May 12 07:35:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	68225	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	344210	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	205059	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	424074	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	410306	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	411472	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6143	4.35	ng/uL	0.00
5) Phenol-d5	7.33	99	144120	28.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	68875	27.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	130856	33.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	124021	29.17	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	66770	29.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	72560	50.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	130256	32.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.45	131	249	0.06	ng/ul	0.32
44) Dimethylphthalate-d6	14.20	166	417743	29.00	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	568703	27.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	63010	25.52	ng/ul	0.00
58) Fluorene-d10	15.79	176	387432	25.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	51491	43.83	ng/ul	0.00
71) Anthracene-d10	17.65	188	525341	25.45	ng/ul	0.00
77) Pyrene-d10	19.93	212	551214	28.70	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.96	264	521025	26.65	ng/ul	0.02

Target Compounds

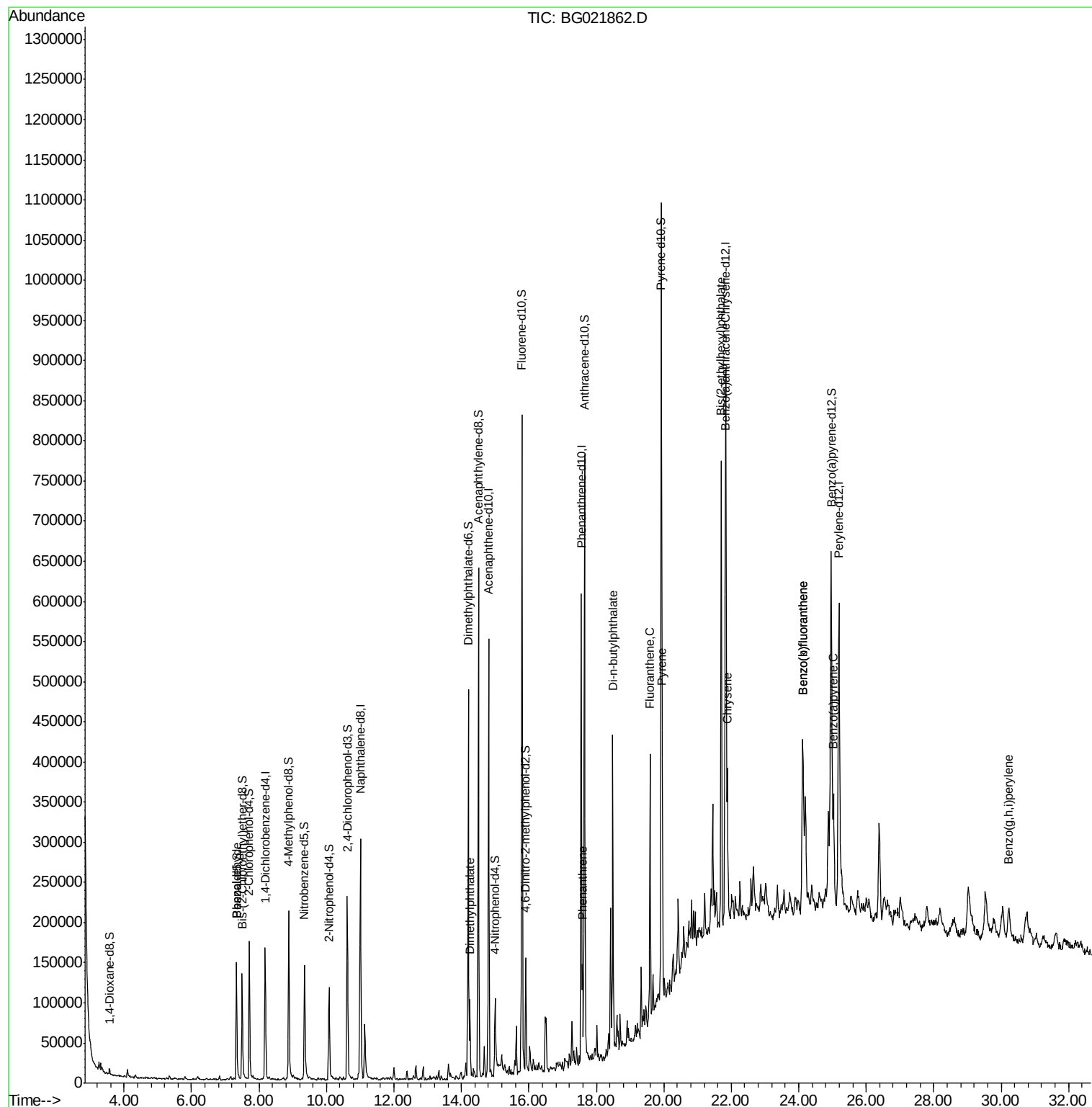
						Ovalue
4) Benzaldehyde	7.33	77	1212	2.20	ng/ul#	75
45) Dimethylphthalate	14.25	163	75495	5.15	ng/ul	99
70) Phenanthrene	17.59	178	87699	3.78	ng/ul	98
74) Di-n-butylphthalate	18.49	149	359315	19.37	ng/ul#	96
75) Fluoranthene	19.59	202	222689	8.45	ng/ul#	95
78) Pyrene	19.95	202	198936	8.38	ng/ul	98
81) Benzo(a)anthracene	21.82	228	148768	6.52	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	322453	37.64	ng/ul	97
83) Chrysene	21.88	228	152315	6.74	ng/ul	96
86) Benzo(b)fluoranthene	24.12	252	289351	12.29	ng/ul#	93
87) Benzo(k)fluoranthene	24.12	252	289351	11.48	ng/ul#	93
89) Benzo(a)pyrene	25.03	252	156846	6.69	ng/ul#	92
92) Benzo(g,h,i)perylene	30.22	276	50860	2.22	ng/ul#	88

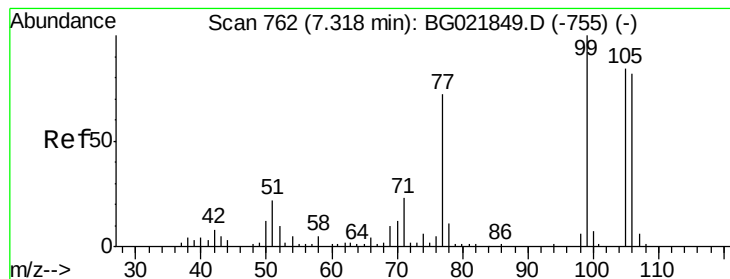
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.20 ng/ul

RT: 7.33 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

ClientSampleId :

D9WJ7

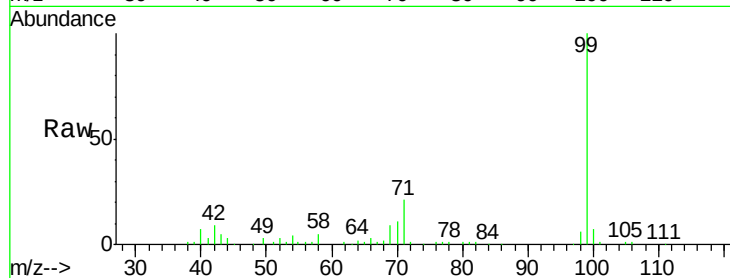
Tot Ion: 77 Resp: 1212

Ion Ratio Lower Upper

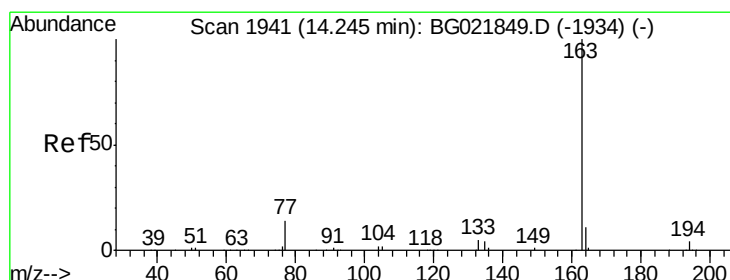
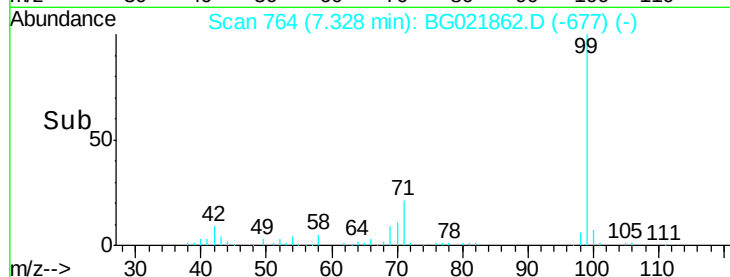
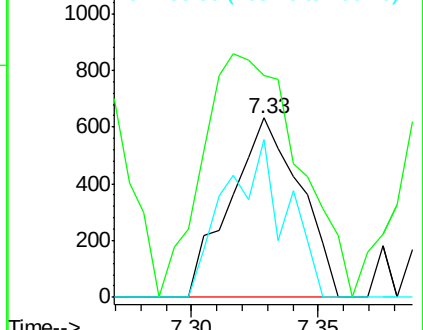
77 100

105 123.6 68.5 102.7#

106 88.3 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#45

Dimethylphthalate

Concen: 5.15 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

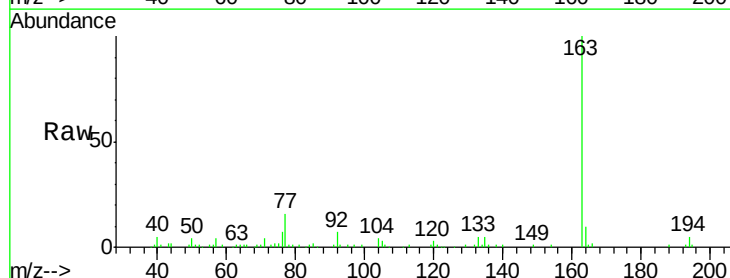
Tgt Ion: 163 Resp: 75495

Ion Ratio Lower Upper

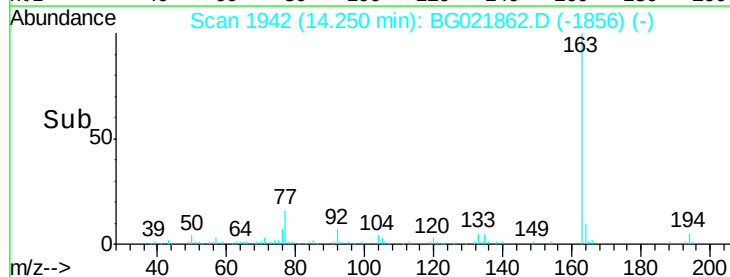
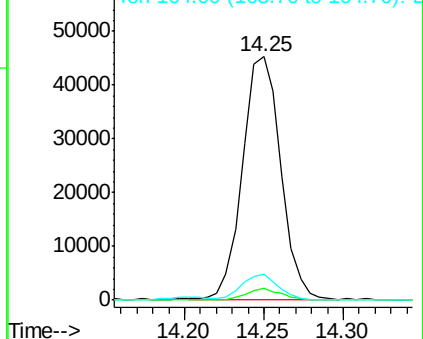
163 100

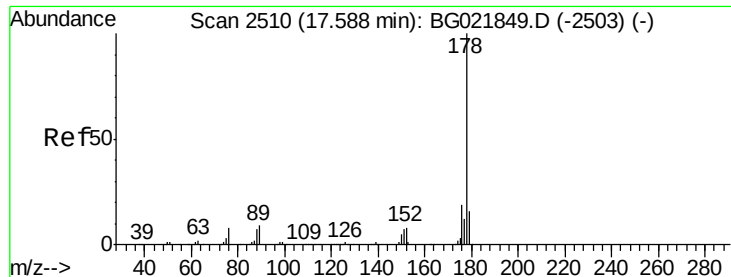
194 4.6 3.9 5.9

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

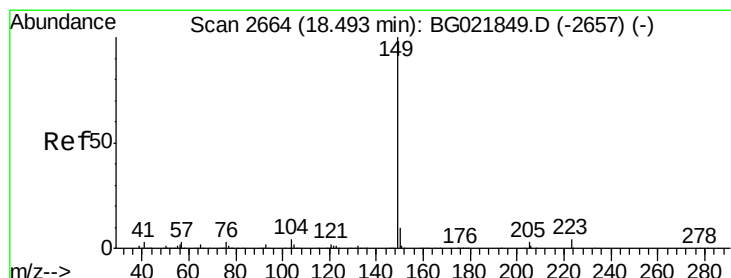
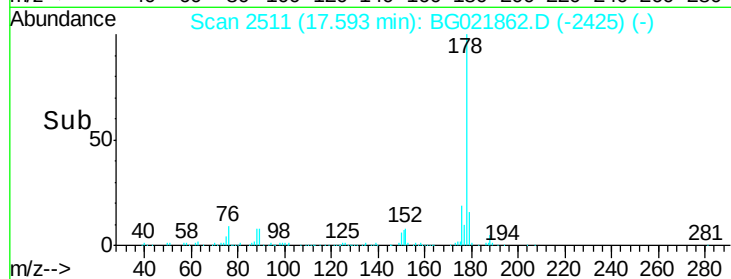
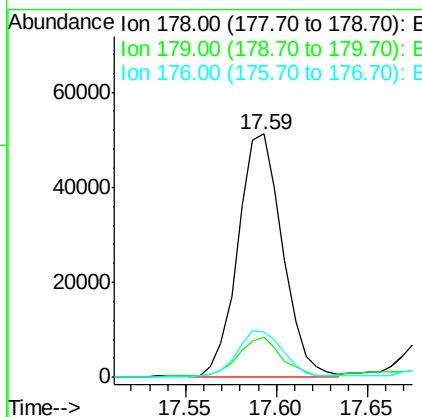
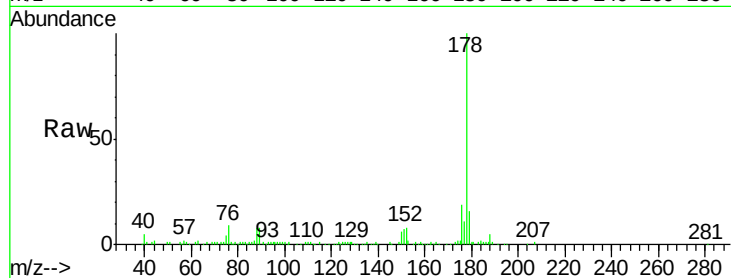




#70
 Phenanthrene
 Concen: 3.78 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BG021862.D
 Acq: 12 May 2016 3:02

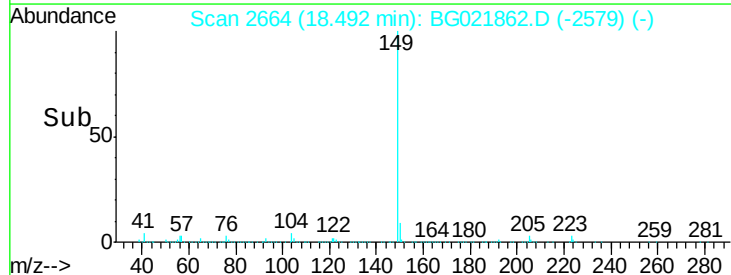
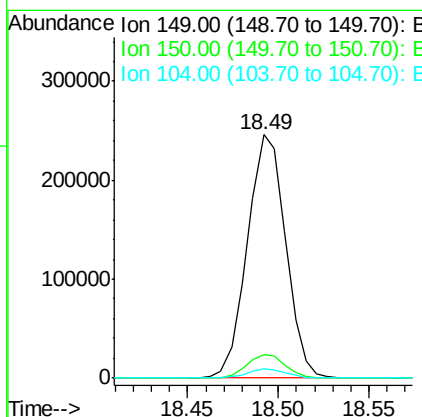
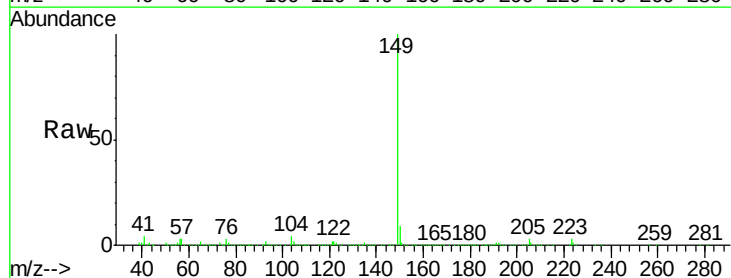
Instrument :
 BNA_G
 ClientSampleId :
 D9WJ7

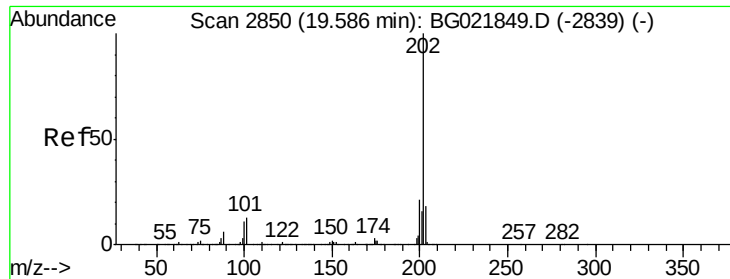
Tot Ion:178 Resp: 87699
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.8 17.8
 176 18.6 14.8 22.2



#74
 Di-n-butylphthalate
 Concen: 19.37 ng/ul
 RT: 18.49 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: BG021862.D
 Acq: 12 May 2016 3:02

Tgt Ion:149 Resp: 359315
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 3.9 5.4 8.2#





#75

Fluoranthene

Concen: 8.45 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

ClientSampleId :

D9WJ7

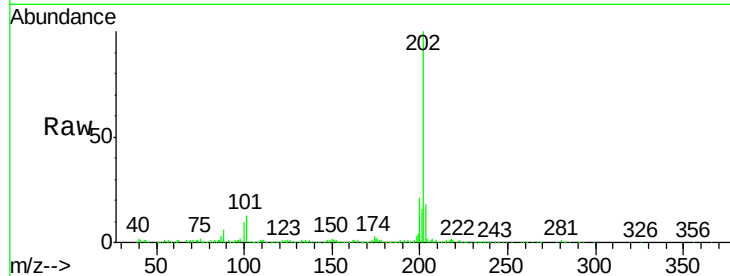
Tot Ion:202 Resp: 222689

Ion Ratio Lower Upper

202 100

101 13.5 8.9 13.3#

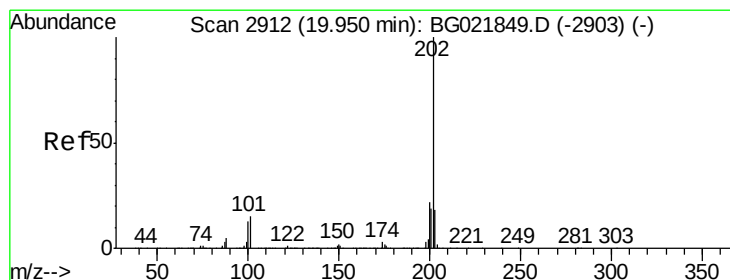
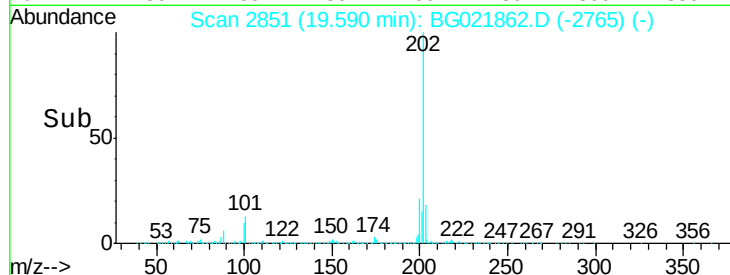
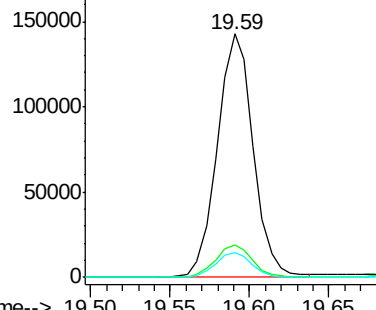
100 10.1 7.0 10.4



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



#78

Pyrene

Concen: 8.38 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

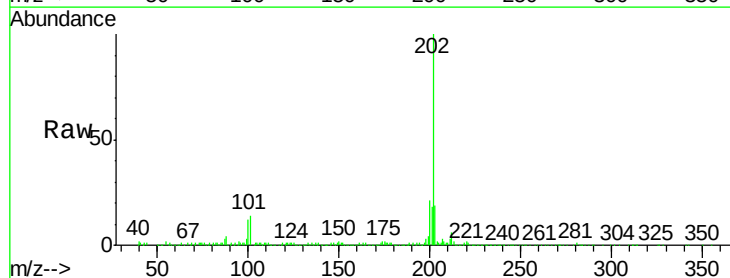
Tgt Ion:202 Resp: 198936

Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.8

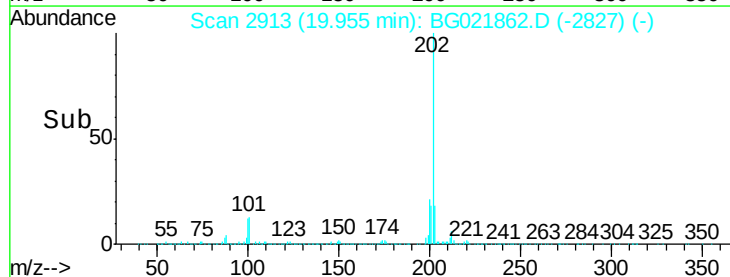
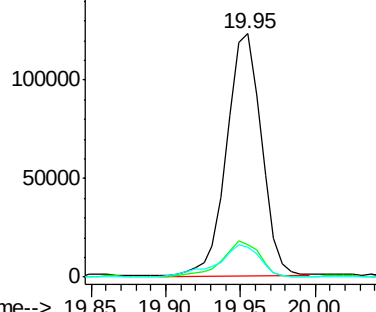
100 12.1 9.3 13.9

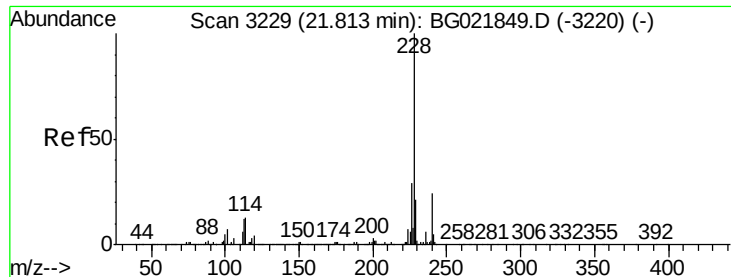


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

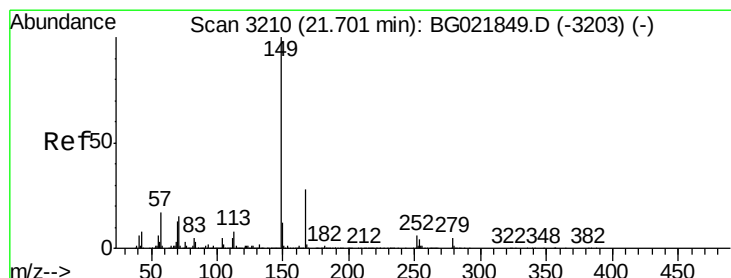
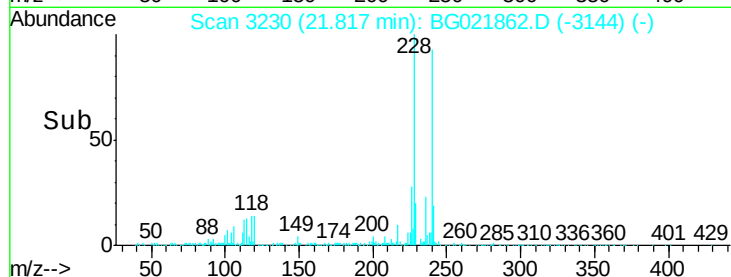
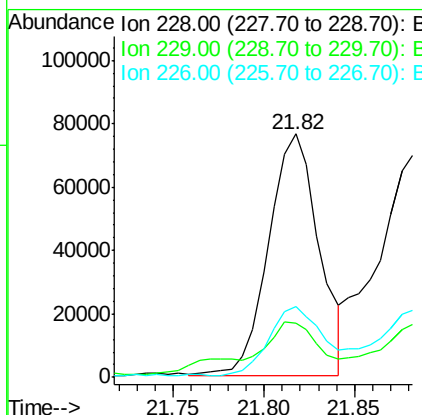
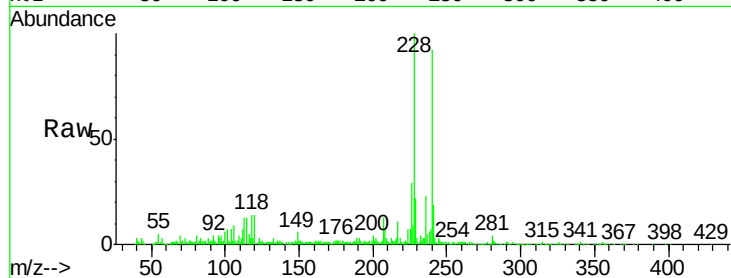




#81
Benzo(a)anthracene
Concen: 6.52 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021862.D
Acq: 12 May 2016 3:02

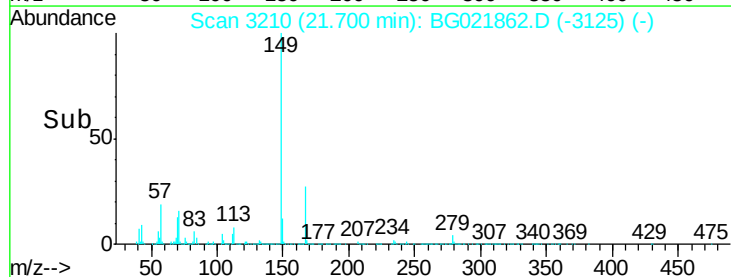
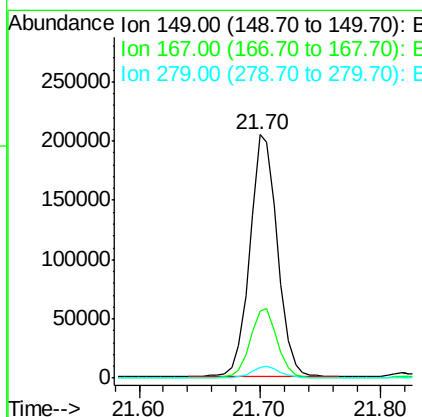
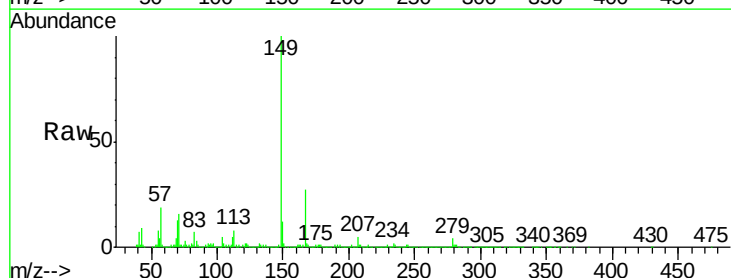
Instrument :
BNA_G
ClientSampled :
D9WJ7

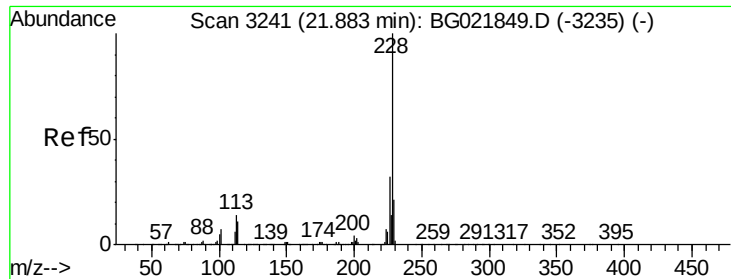
Tot Ion:228 Resp: 148768
Ion Ratio Lower Upper
228 100
229 22.4 16.6 25.0
226 28.8 21.0 31.4



#82
Bis(2-ethylhexyl)phthalate
Concen: 37.64 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BG021862.D
Acq: 12 May 2016 3:02

Tgt Ion:149 Resp: 322453
Ion Ratio Lower Upper
149 100
167 27.4 20.5 30.7
279 4.5 3.7 5.5

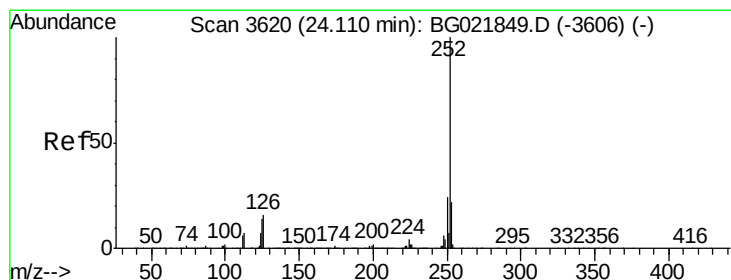
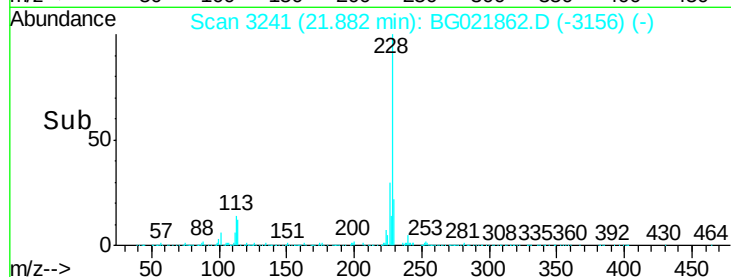
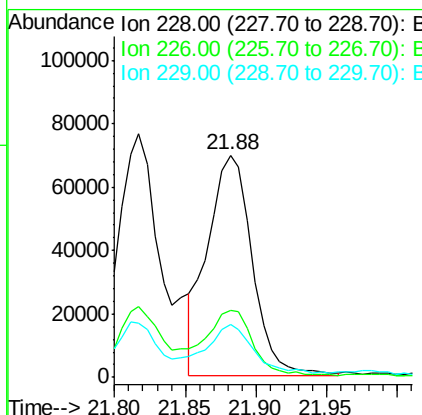
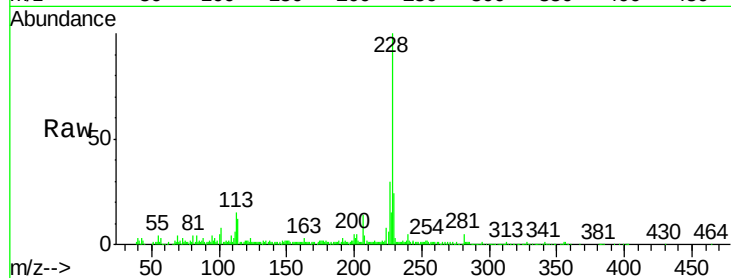




#83
Chrysene
Concen: 6.74 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG021862.D
Acq: 12 May 2016 3:02

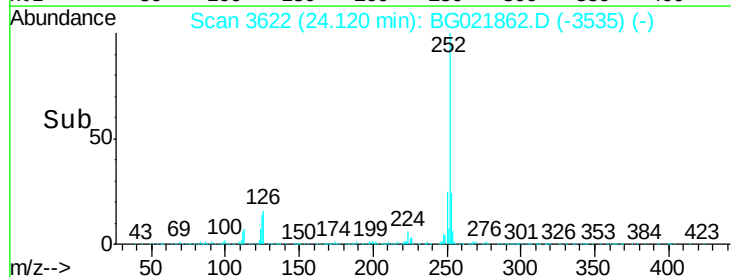
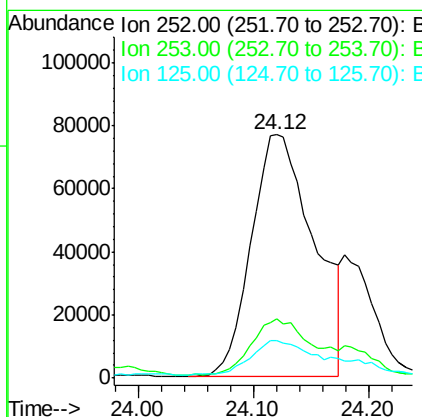
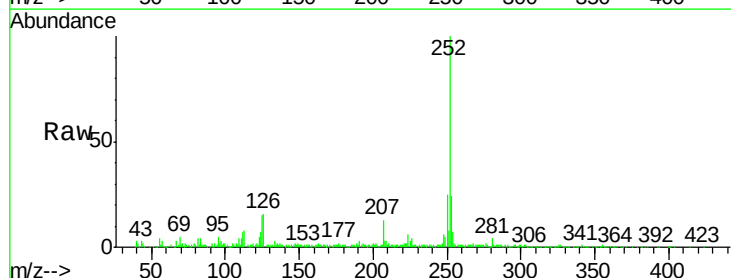
Instrument :
BNA_G
ClientSampleId :
D9WJ7

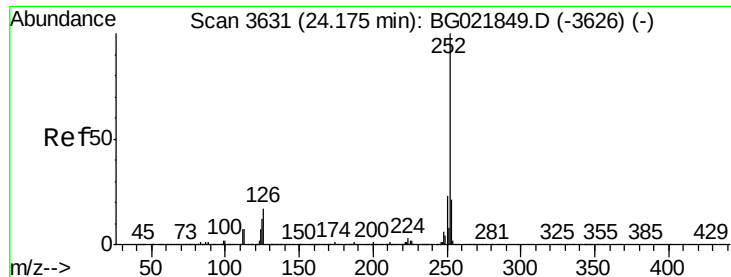
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	24.1	16.2	24.2



#86
Benzo(b)fluoranthene
Concen: 12.29 ng/ul
RT: 24.12 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BG021862.D
Acq: 12 May 2016 3:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.3	7.6	11.4





#87

Benzo(k)fluoranthene

Concen: 11.48 ng/ul

RT: 24.12 min Scan# 3622

Delta R.T. -0.05 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

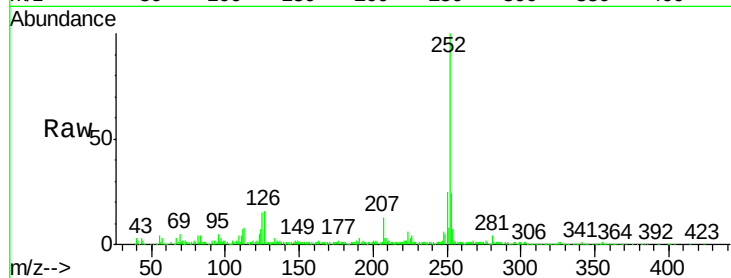
Instrument :

BNA_G

ClientSampleId :

D9WJ7

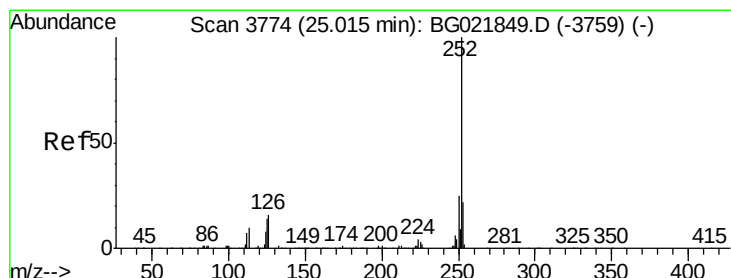
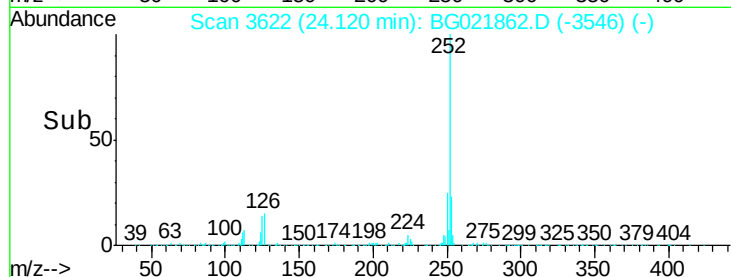
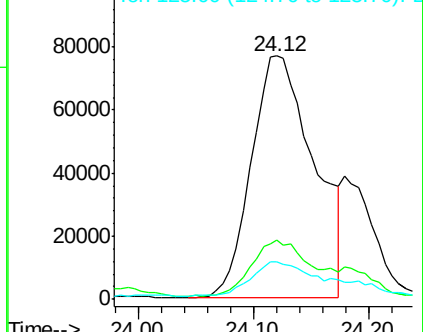
Tot Ion:	252	Resp:	289351
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.8	26.8
125	15.3	7.7	11.5#



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

Benzo(a)pyrene

Concen: 6.69 ng/ul

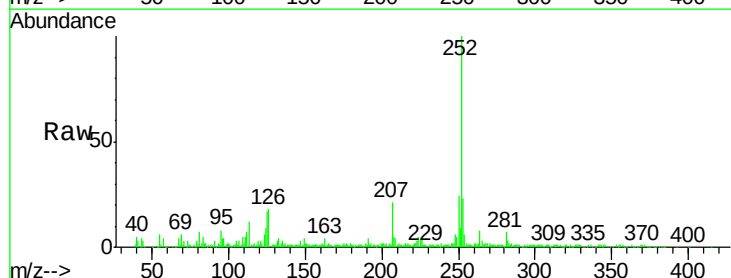
RT: 25.03 min Scan# 3777

Delta R.T. 0.02 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

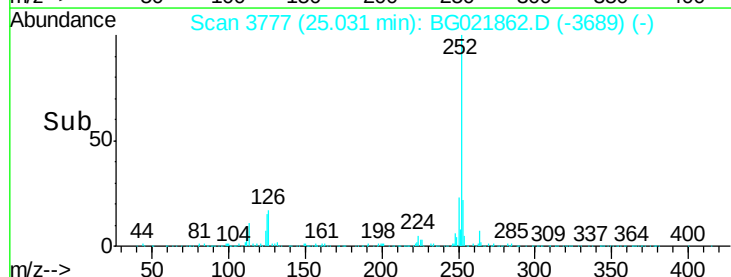
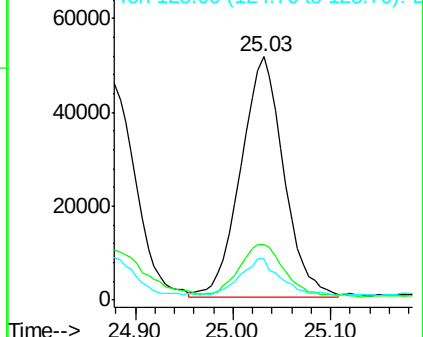
Tgt Ion:	252	Resp:	156846
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	17.0	8.2	12.2#

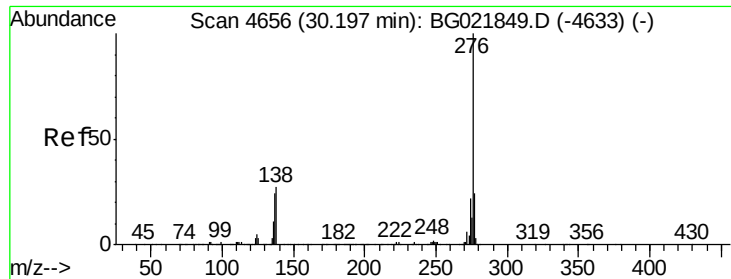


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.22 ng/ul

RT: 30.22 min Scan# 4660

Delta R.T. 0.02 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

ClientSampleId :

D9WJ7

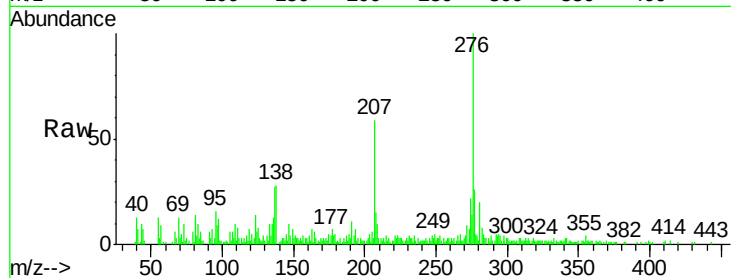
Tot Ion: 276 Resp: 50860

Ion Ratio Lower Upper

276 100

138 28.1 13.9 20.9#

277 25.9 19.8 29.6



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

