

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021913.D
 Acq On : 16 May 2016 19:25
 Operator : UM/SJ
 Sample : H3095-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE0

Quant Time: May 17 01:37:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	332135	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	196116	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	402741	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	397449	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	403982	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5097	3.52	ng/uL	0.00
5) Phenol-d5	7.32	99	112475	21.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	51831	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	105919	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	85454	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	54978	25.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	60808	44.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	166	0.04	ng/ul	0.14
29) 4-Chloroaniline-d4	11.23	131	352	0.08	ng/ul	0.11
44) Dimethylphthalate-d6	14.19	166	348111	25.27	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	477019	24.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	39061	16.54	ng/ul	0.01
58) Fluorene-d10	15.78	176	329346	22.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	38953	34.92	ng/ul	0.00
71) Anthracene-d10	17.63	188	458897	23.41	ng/ul	0.00
77) Pyrene-d10	19.91	212	487415	26.20	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	477243	24.86	ng/ul	0.02

Target Compounds

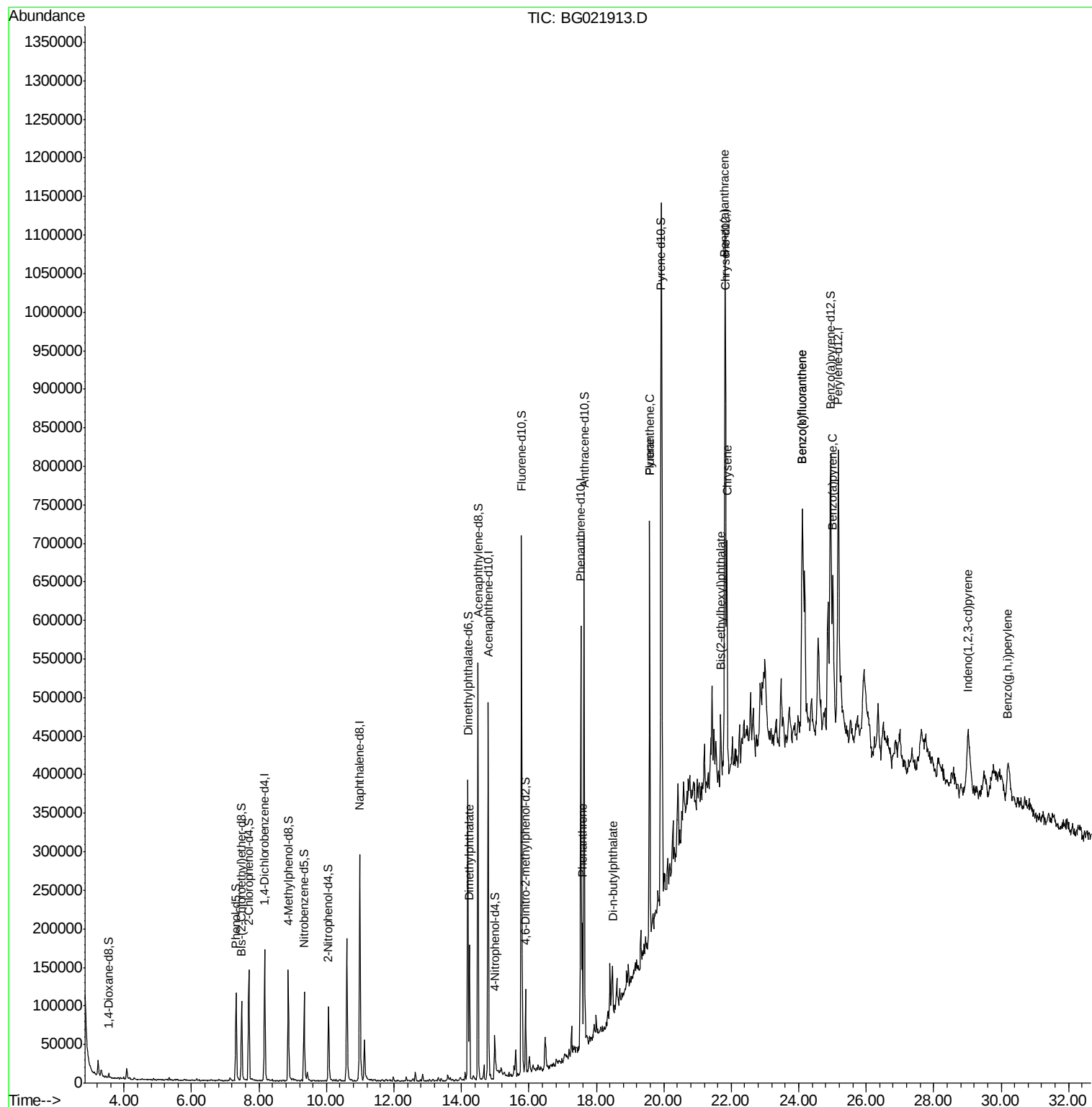
						Ovalue
45) Dimethylphthalate	14.24	163	146733	10.46	ng/ul	99
70) Phenanthrene	17.58	178	117931	5.36	ng/ul	97
74) Di-n-butylphthalate	18.48	149	51435	2.92	ng/ul#	94
75) Fluoranthene	19.58	202	377601	15.09	ng/ul#	94
78) Pyrene	19.58	202	377601	16.42	ng/ul	97
81) Benzo(a)anthracene	21.81	228	224888	10.17	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	39583	4.77	ng/ul#	93
83) Chrysene	21.87	228	250091	11.43	ng/ul	94
86) Benzo(b)fluoranthene	24.11	252	412655	17.85	ng/ul#	93
87) Benzo(k)fluoranthene	24.11	252	412655	16.67	ng/ul#	93
89) Benzo(a)pyrene	25.01	252	267903	11.64	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.00	276	67368	2.47	ng/ul#	90
92) Benzo(g,h,i)perylene	30.20	276	51760	2.30	ng/ul#	89

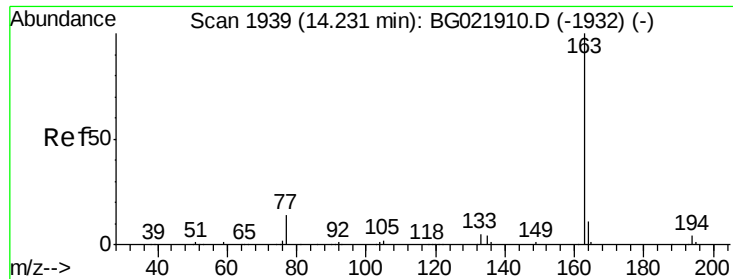
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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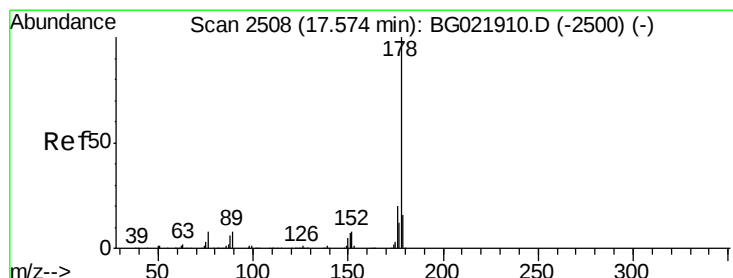
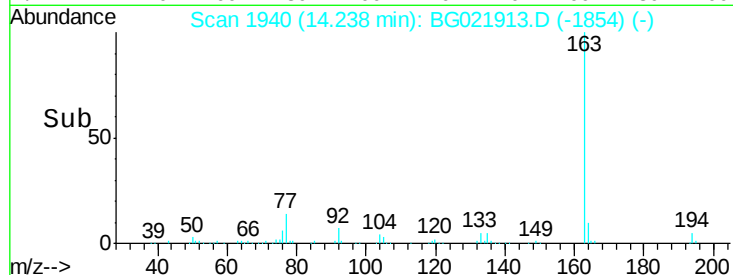
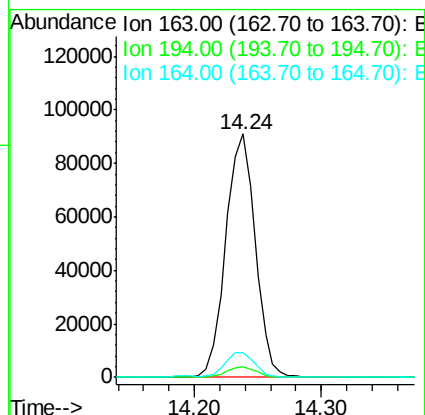
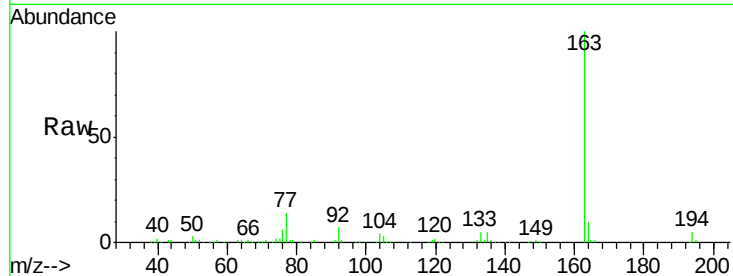




#45
Dimethylphthalate
Concen: 10.46 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

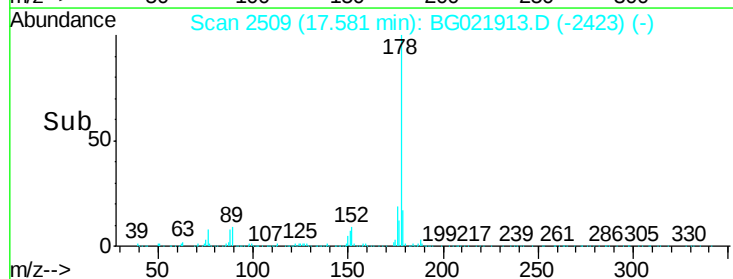
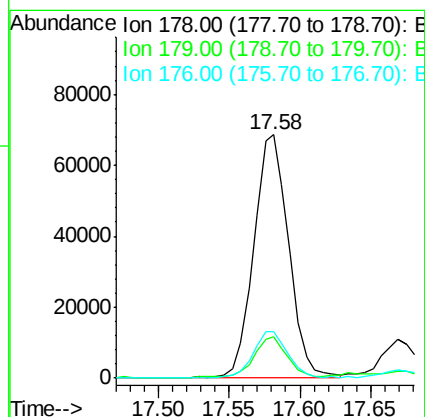
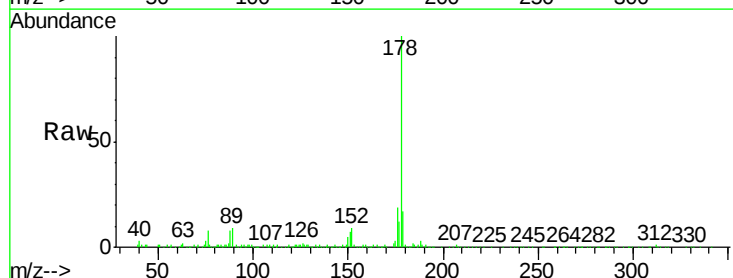
Instrument :
BNA_G
ClientSampleId :
D9XE0

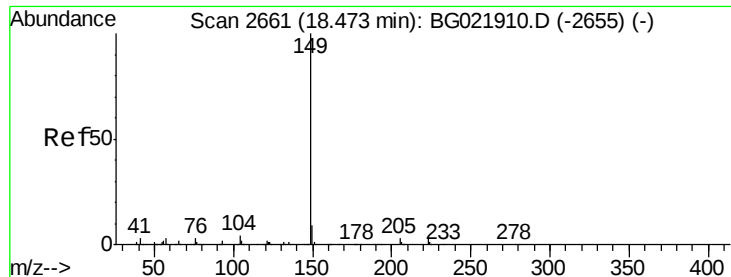
Tot Ion:163 Resp: 146733
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 10.3 8.7 13.1



#70
Phenanthrene
Concen: 5.36 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Tgt Ion:178 Resp: 117931
Ion Ratio Lower Upper
178 100
179 17.0 11.8 17.8
176 19.3 14.8 22.2





#74

Di-n-butylphthalate

Concen: 2.92 ng/ul

RT: 18.48 min Scan# 2662

Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

BNA_G

ClientSampleId :

D9XE0

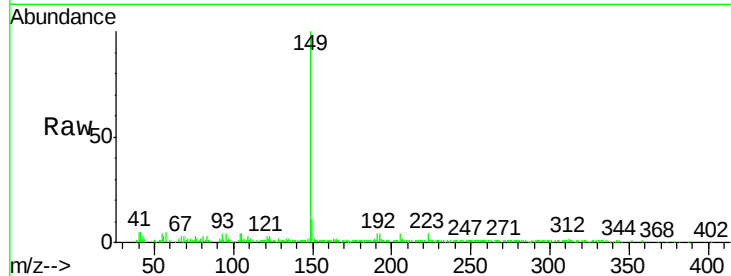
Tot Ion:149 Resp: 51435

Ion Ratio Lower Upper

149 100

150 10.8 7.5 11.3

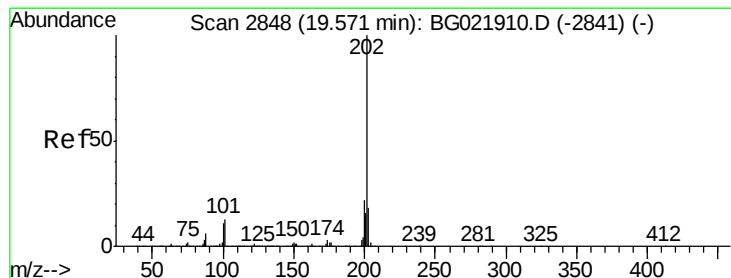
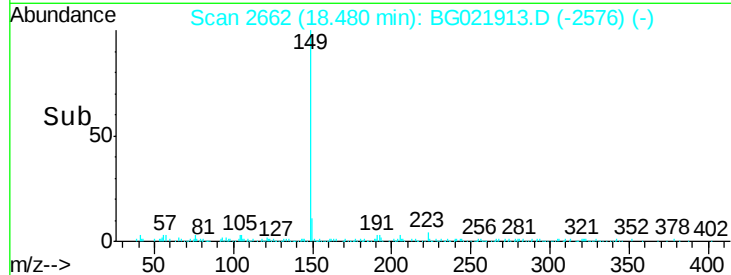
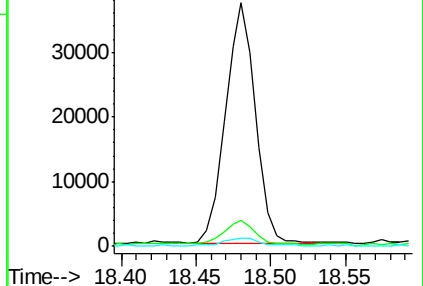
104 3.5 5.4 8.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 15.09 ng/ul

RT: 19.58 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

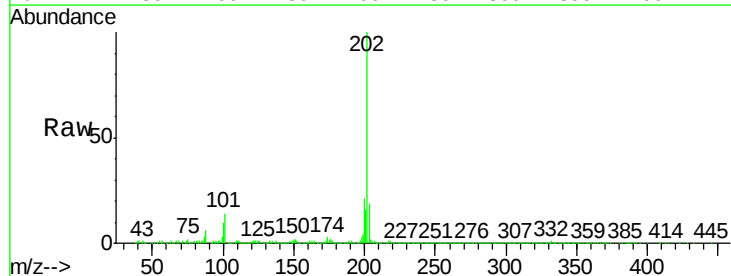
Tgt Ion:202 Resp: 377601

Ion Ratio Lower Upper

202 100

101 13.6 8.9 13.3#

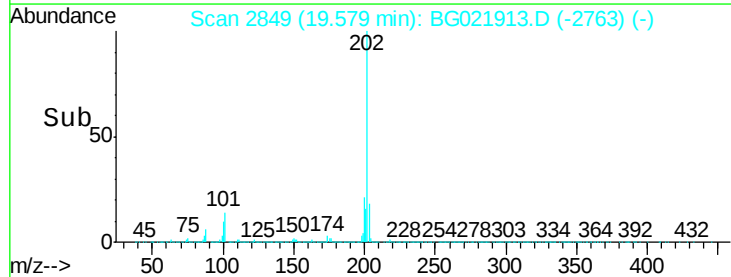
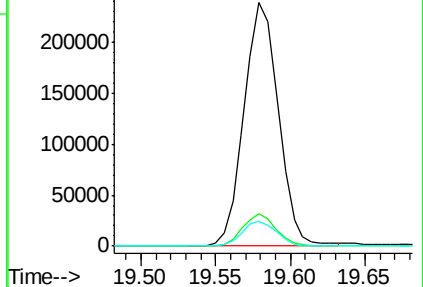
100 10.2 7.0 10.4

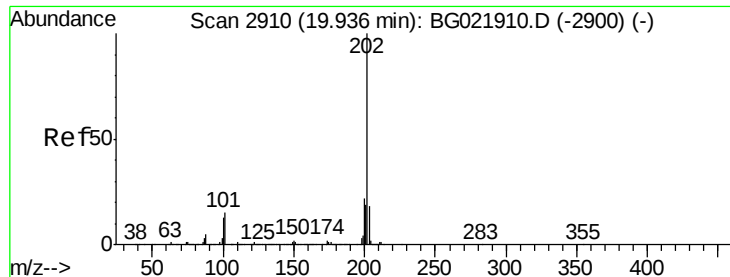


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

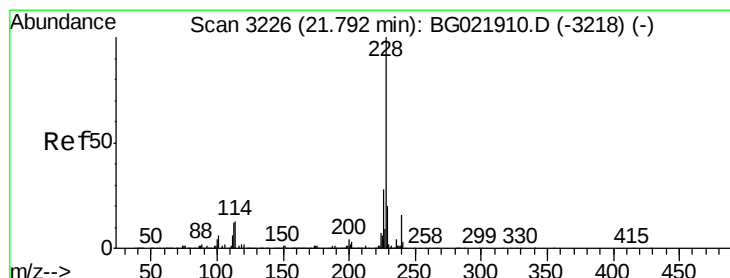
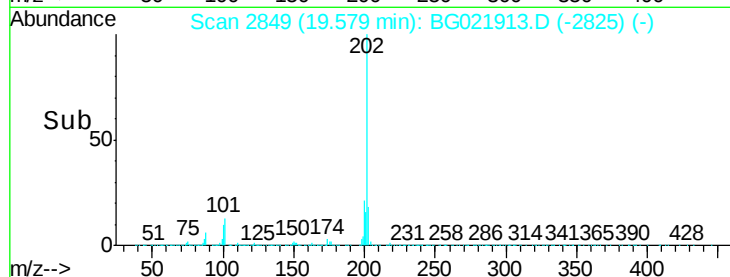
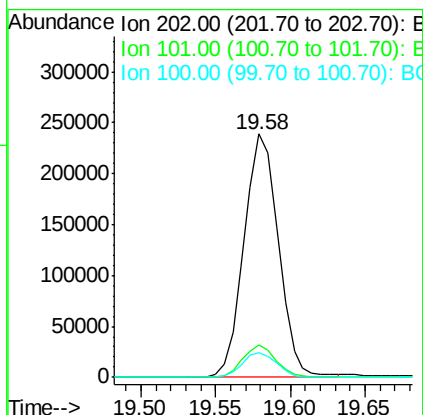
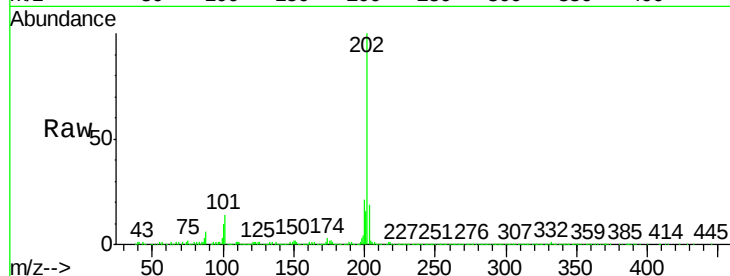




#78
Pvrene
Concen: 16.42 ng/ul
RT: 19.58 min Scan# 2849
Delta R.T. -0.36 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

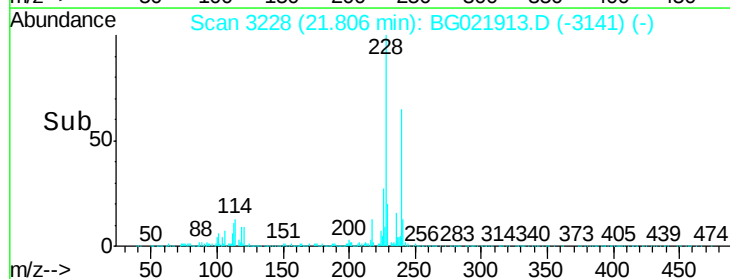
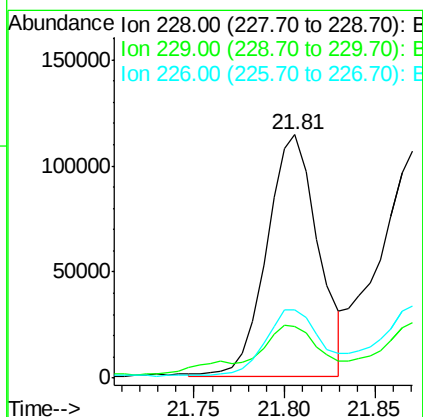
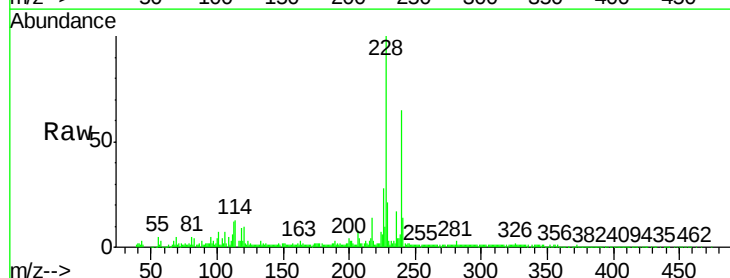
Instrument :
BNA_G
ClientSampleId :
D9XE0

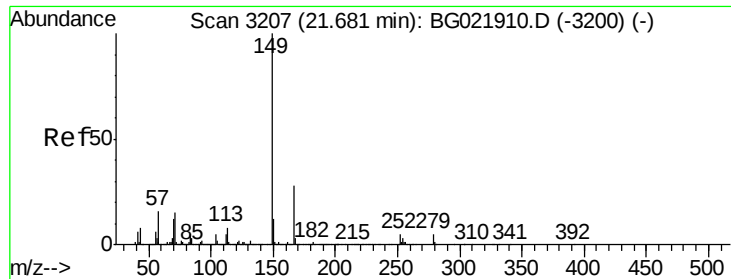
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
100	10.2	9.3	13.9



#81
Benzo(a)anthracene
Concen: 10.17 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	28.2	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 4.77 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

BNA_G

ClientSampleId :

D9XE0

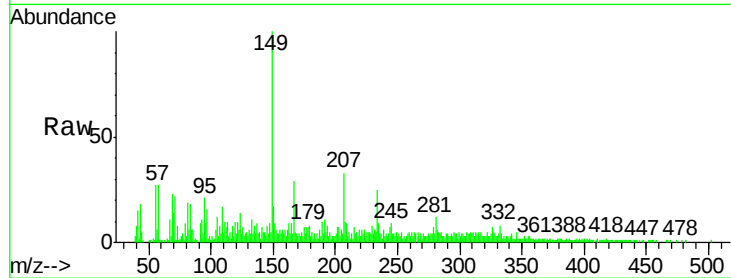
Tot Ion:149 Resp: 39583

Ion Ratio Lower Upper

149 100

167 29.2 20.5 30.7

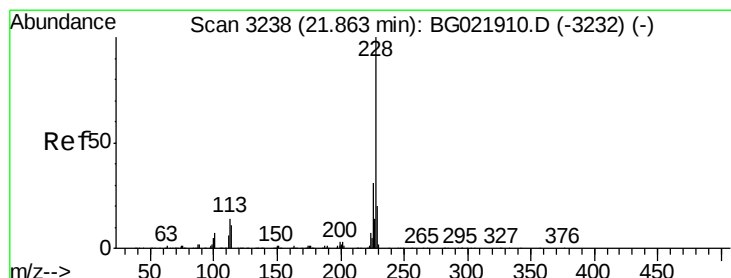
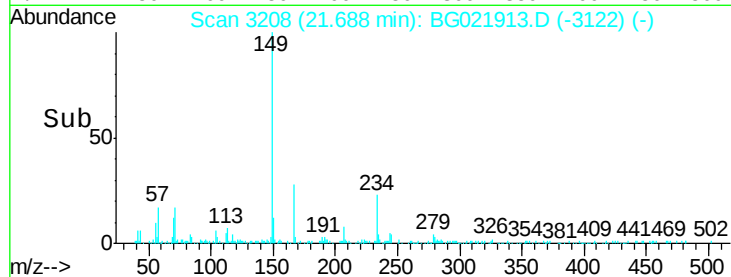
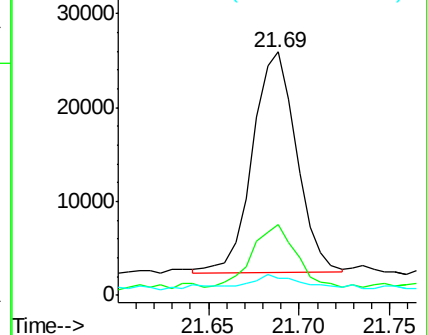
279 7.1 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 11.43 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

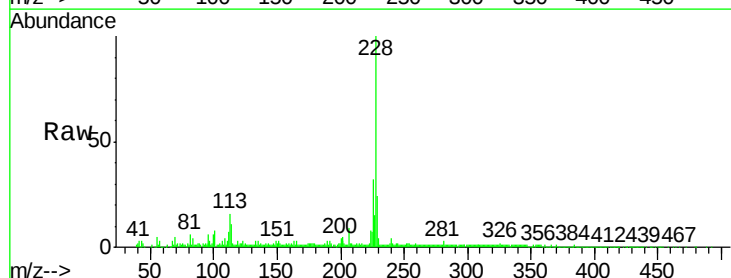
Tgt Ion:228 Resp: 250091

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.2

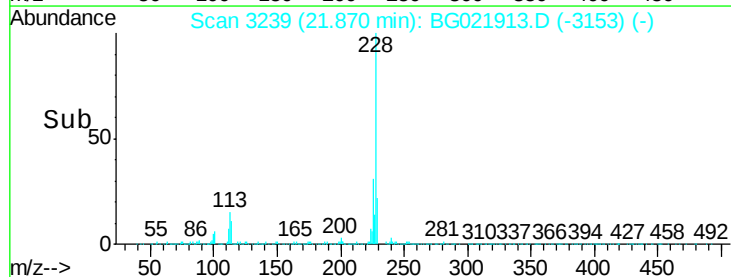
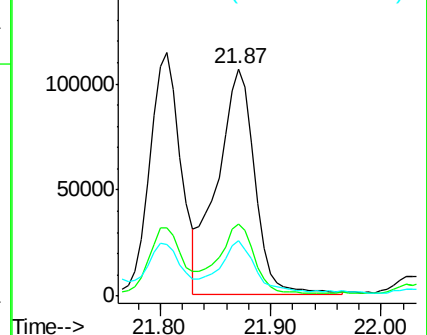
229 24.2 16.2 24.2

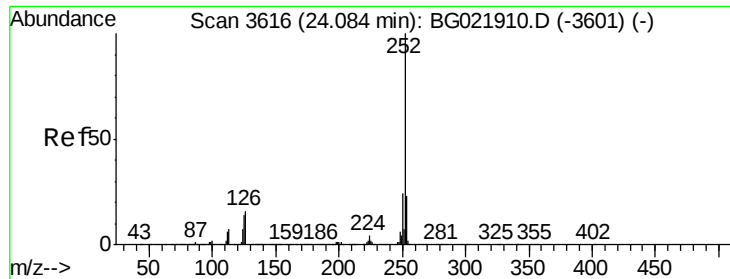


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Benzo(b)fluoranthene

Concen: 17.85 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.03 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

BNA_G

ClientSampleId :

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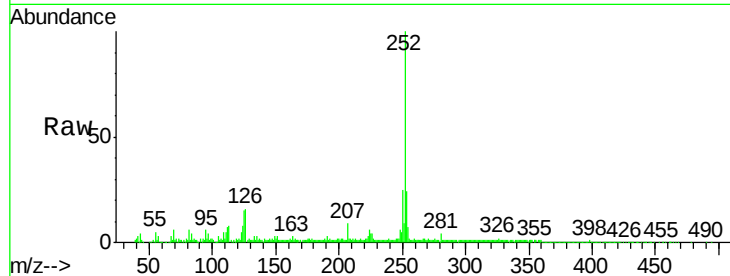
Tot Ion:252 Resp: 412655

Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

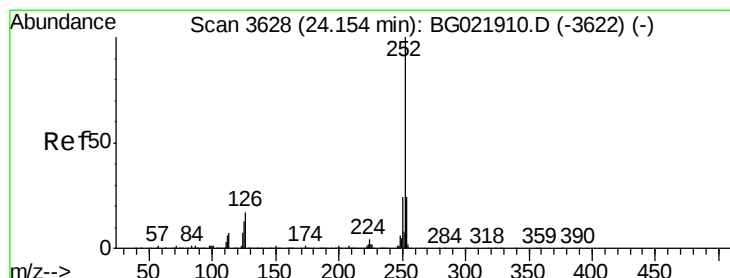
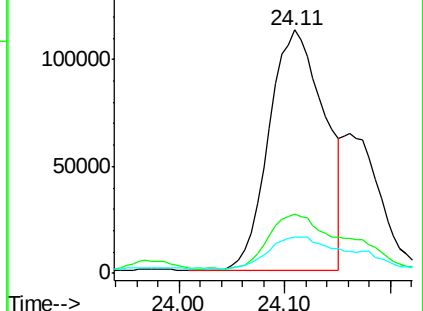
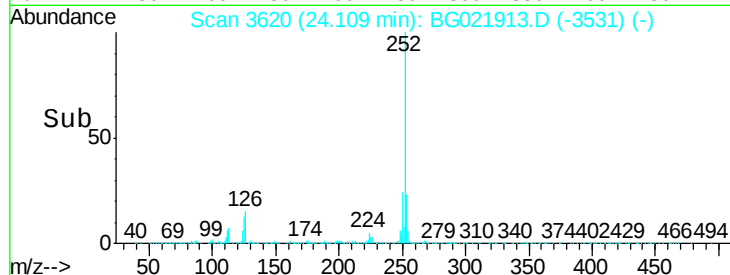
125 14.7 7.6 11.4#



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



#87

Benzo(k)fluoranthene

Concen: 16.67 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. -0.05 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

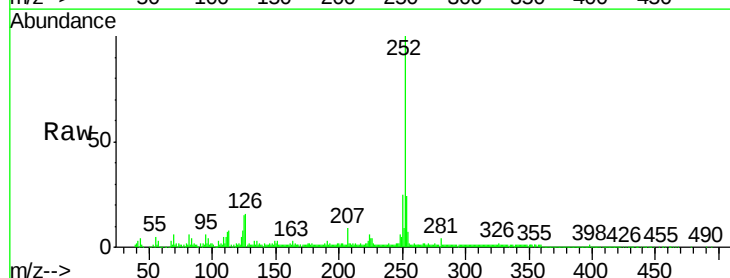
Tgt Ion:252 Resp: 412655

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.8

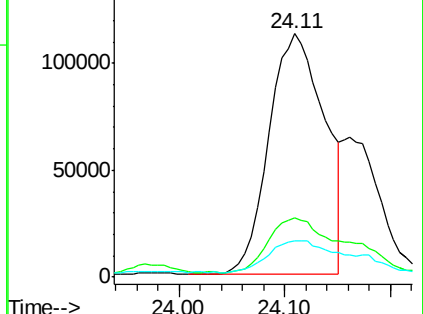
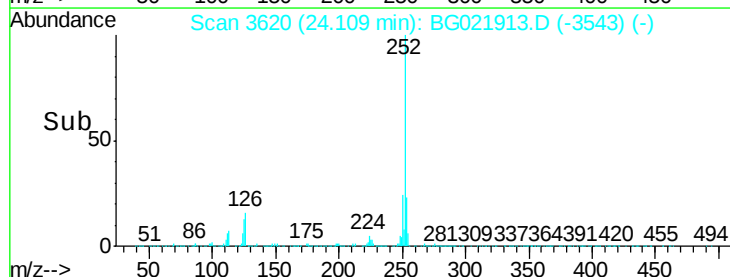
125 14.7 7.7 11.5#

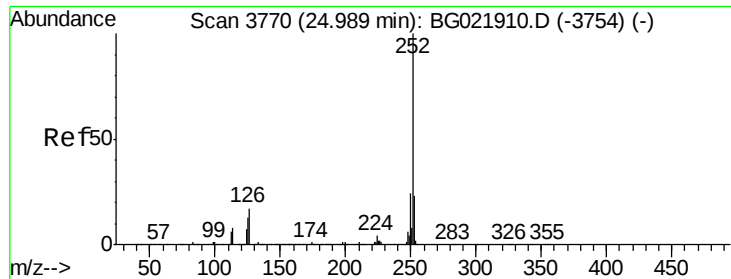


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 11.64 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. 0.03 min

Lab File: BG021913.D

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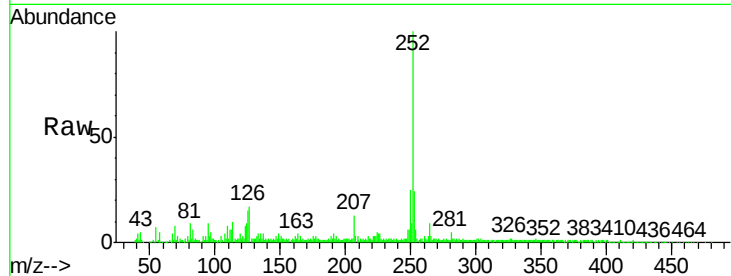
Tot Ion:252 Resp: 267903

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

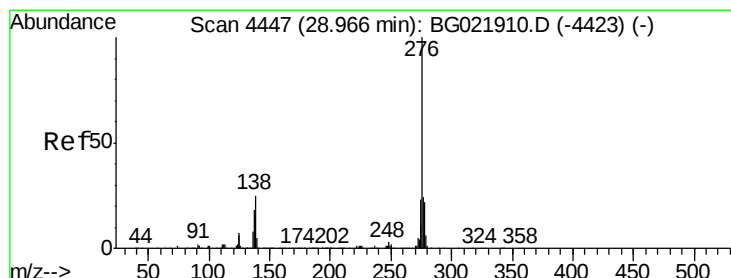
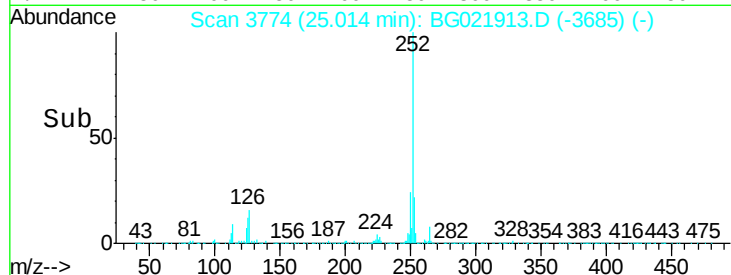
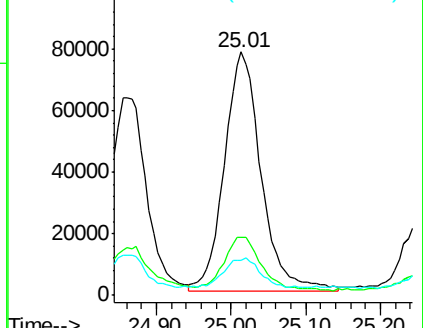
125 14.6 8.2 12.2#



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



#90

Indeno(1,2,3-cd)pyrene

Concen: 2.47 ng/ul

RT: 29.00 min Scan# 4453

Delta R.T. 0.04 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

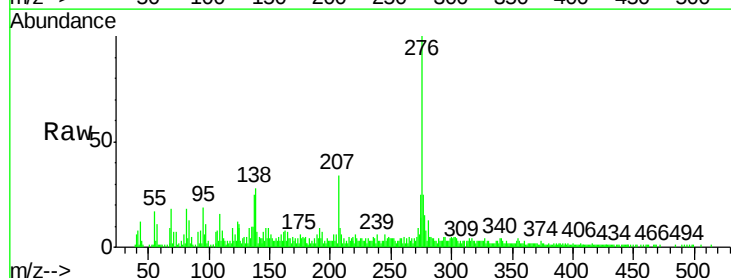
Tgt Ion:276 Resp: 67368

Ion Ratio Lower Upper

276 100

138 27.9 15.8 23.6#

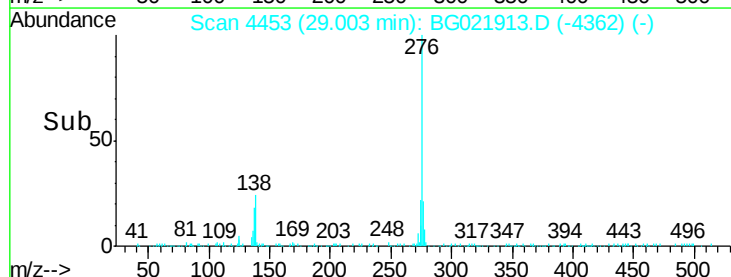
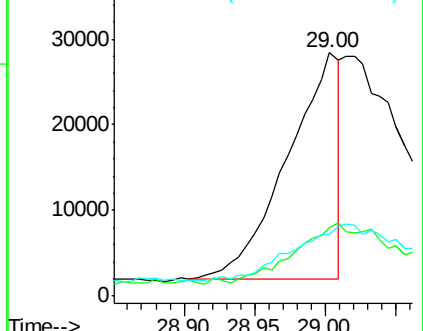
277 25.3 19.0 28.6

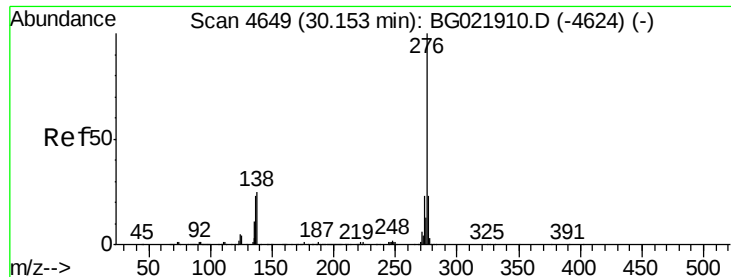


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.30 ng/ul

RT: 30.20 min Scan# 4657

Delta R.T. 0.05 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

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ClientSampleId :

D9XE0

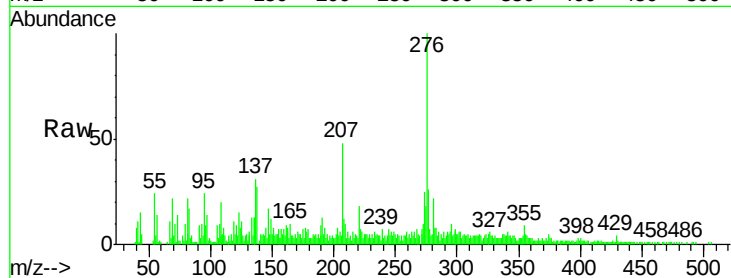
Tot Ion:276 Resp: 51760

Ion Ratio Lower Upper

276 100

138 27.1 13.9 20.9#

277 26.4 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

