

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029220.D
 Acq On : 14 Oct 2017 10:09
 Operator : SJ/JU
 Sample : I5574-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:21:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	87555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	397824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	244200	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	572005	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	546826	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	531357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9562	4.44	ng/uL	0.00
5) Phenol-d5	7.31	99	195785	23.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	131558	25.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	149590	25.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	147655	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	81092	28.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	83470	28.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	162564	24.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	187273	24.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	571619	27.38	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	681641	26.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	80229	20.82	ng/ul	0.00
57) Fluorene-d10	15.77	176	491435	28.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	60705	21.74	ng/ul	0.00
70) Anthracene-d10	17.62	188	753145	27.84	ng/ul	0.00
76) Pyrene-d10	19.90	212	784831	27.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	682909	27.14	ng/ul	0.00

Target Compounds

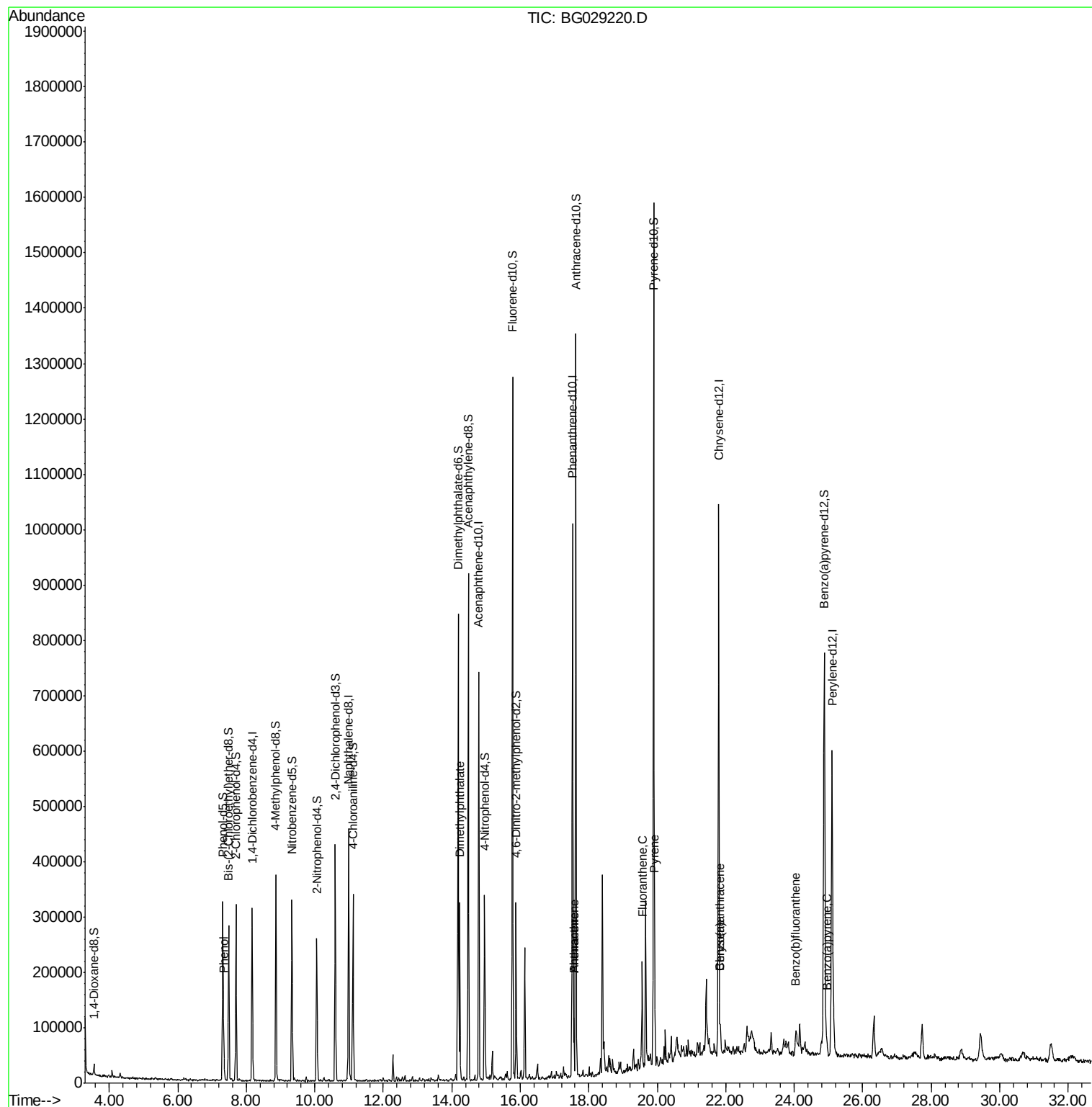
						Ovalue
6) Phenol	7.34	94	38894	4.47	ng/ul	97
44) Dimethylphthalate	14.23	163	200840	9.86	ng/ul	98
69) Phenanthrene	17.56	178	62339	2.02	ng/ul	97
71) Anthracene	17.56	178	62339	1.95	ng/ul	98
74) Fluoranthene	19.56	202	97541	2.82	ng/ul#	91
77) Pyrene	19.92	202	90176	2.46	ng/ul#	90
80) Benzo(a)anthracene	21.84	228	45254	1.32	ng/ul	93
82) Chrysene	21.84	228	45254	1.45	ng/ul	95
85) Benzo(b)fluoranthene	24.05	252	51219	1.61	ng/ul#	92
88) Benzo(a)pyrene	24.95	252	33432	1.08	ng/ul	99

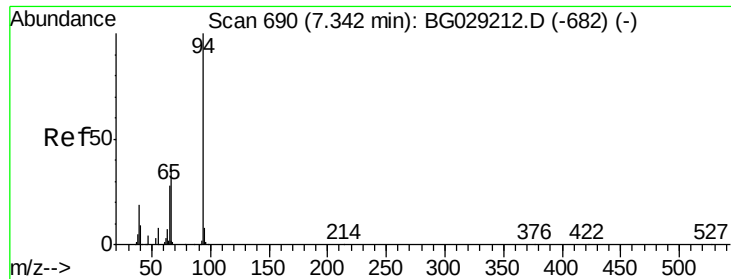
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.47 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

ClientSampleId :

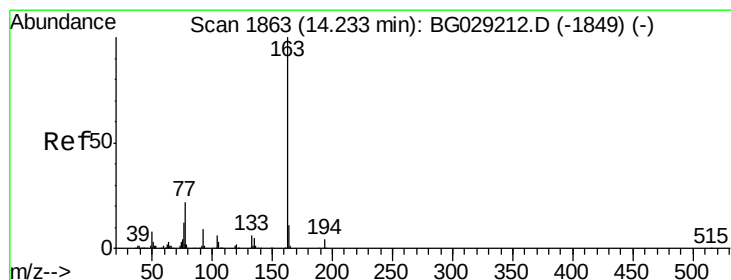
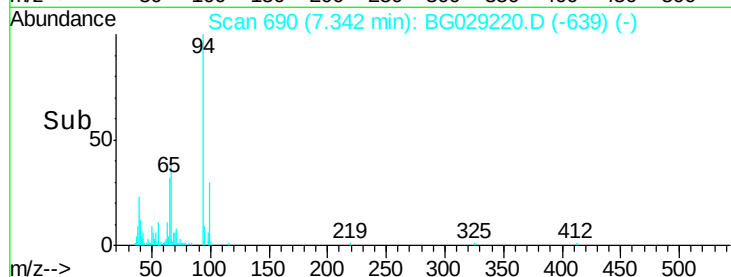
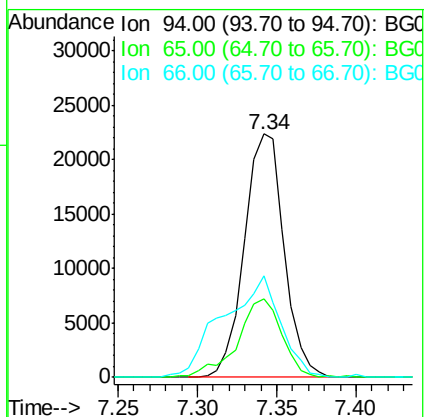
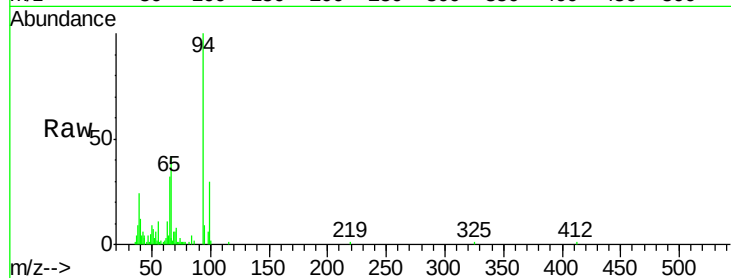
Tot Ion: 94 Resp: 38894

Ion Ratio Lower Upper

94 100

65 32.2 27.1 40.7

66 41.9 34.6 52.0



#44

Dimethylphthalate

Concen: 9.86 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

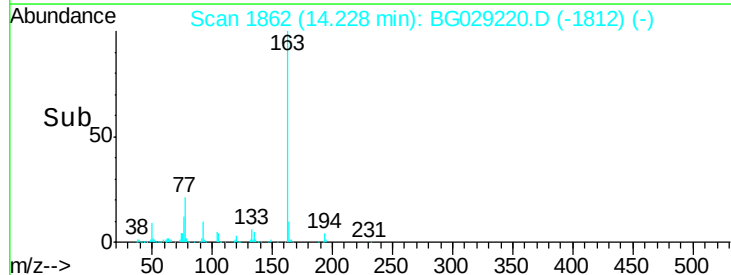
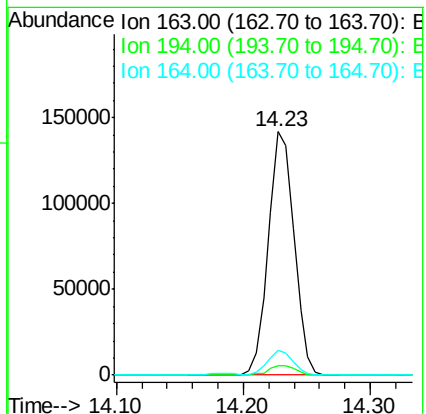
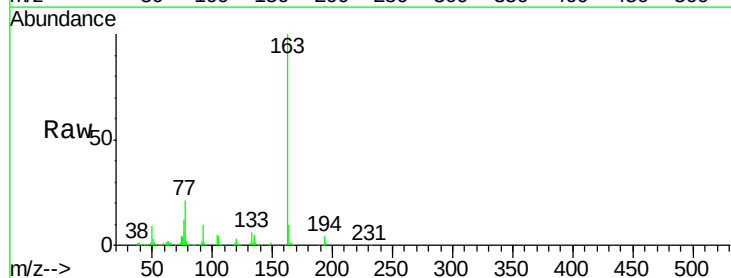
Tgt Ion: 163 Resp: 200840

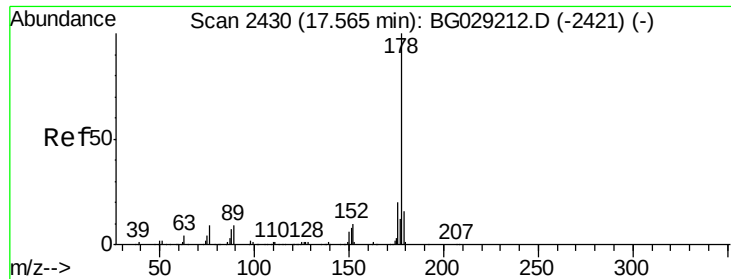
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 2.02 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

ClientSampleId :

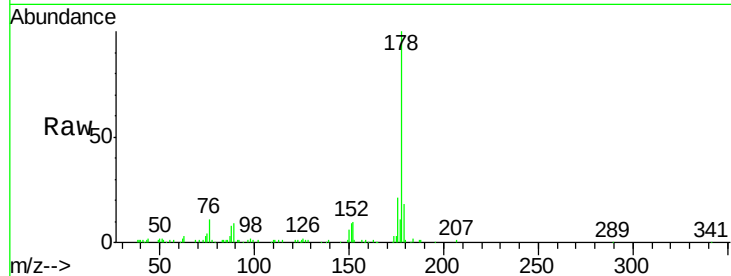
Tot Ion:178 Resp: 62339

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.0	19.6
176	20.8	15.3	22.9

178 100

179 17.6 13.0 19.6

176 20.8 15.3 22.9

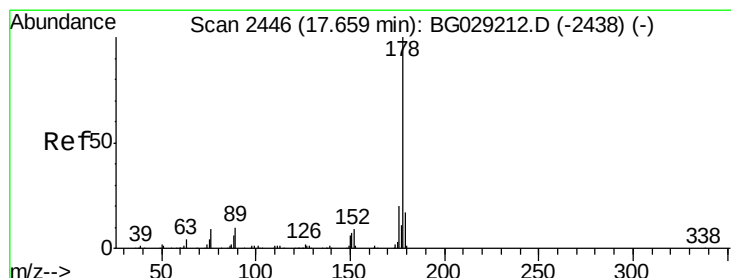
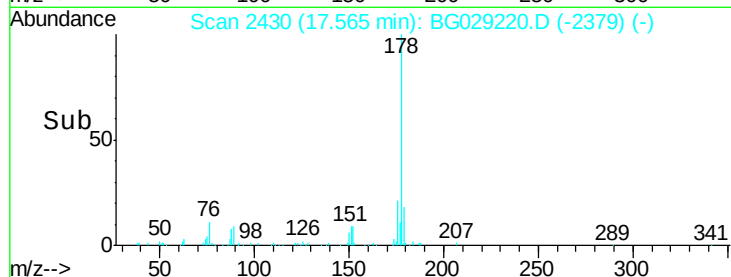
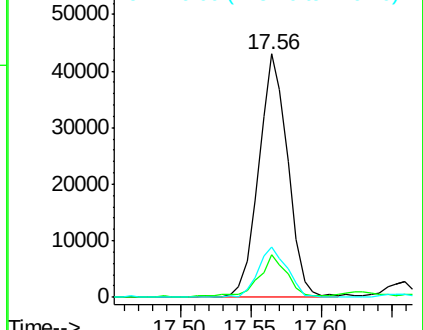


Abundance

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: 1.95 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

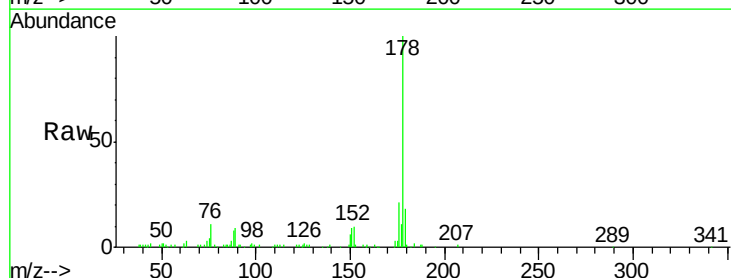
Tgt Ion:178 Resp: 62339

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.2	19.8
176	20.8	16.0	24.0

178 100

179 17.6 13.2 19.8

176 20.8 16.0 24.0

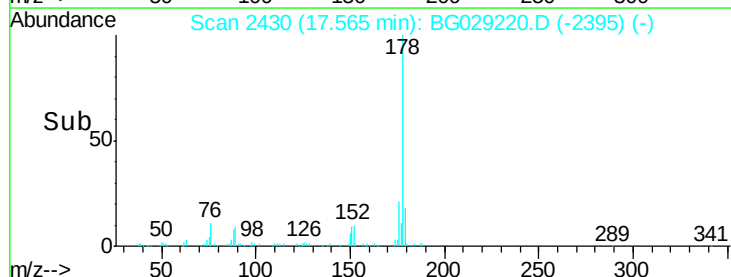
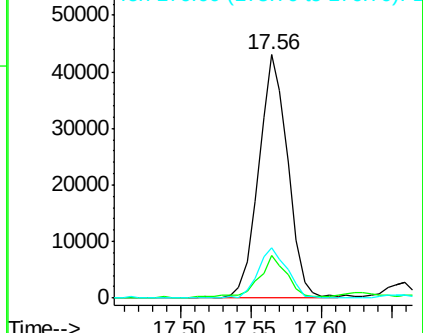


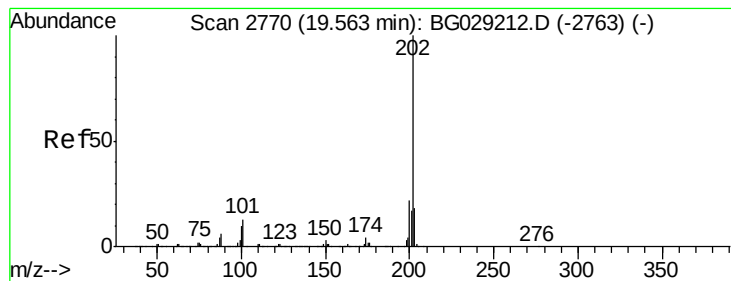
Abundance

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: 2.82 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

ClientSampleId :

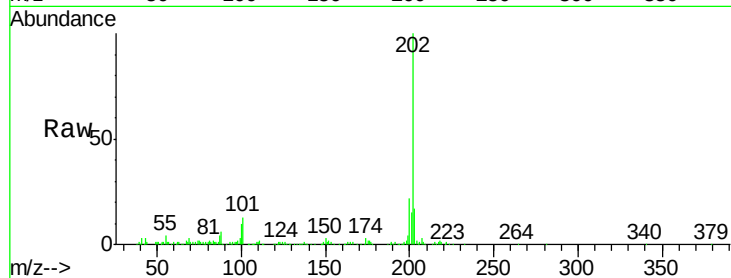
Tot Ion:202 Resp: 97541

Ion Ratio Lower Upper

202 100

101 12.7 7.4 11.2#

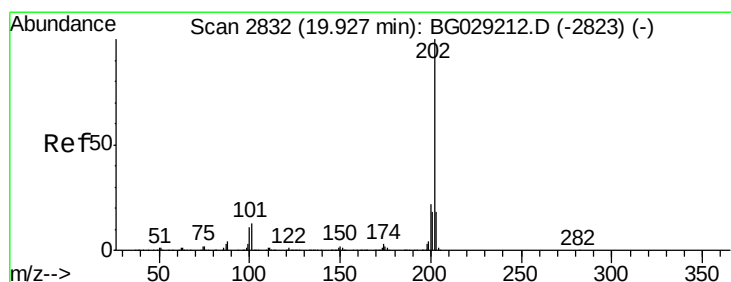
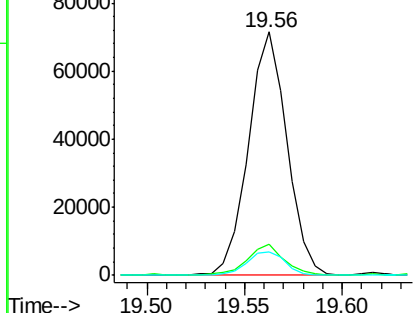
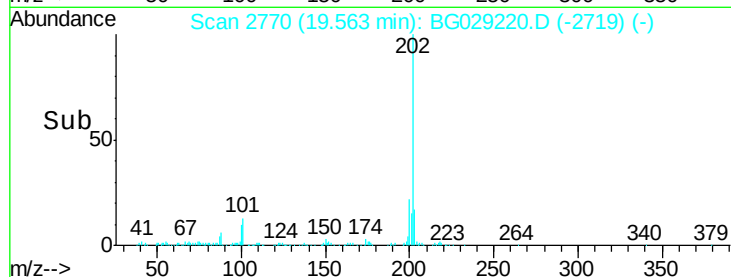
100 9.6 5.6 8.4#



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: 2.46 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

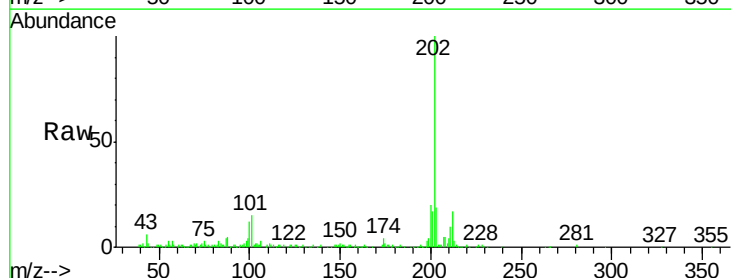
Tgt Ion:202 Resp: 90176

Ion Ratio Lower Upper

202 100

101 14.7 8.4 12.6#

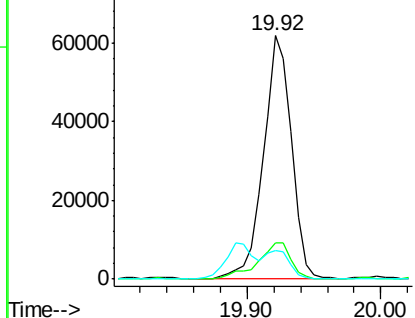
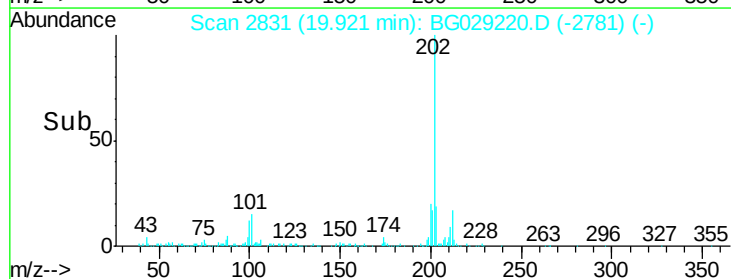
100 11.7 7.0 10.6#

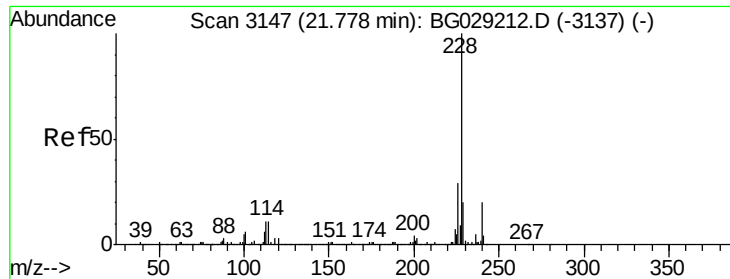


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.32 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. 0.06 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

Instrument :

BNA_G

ClientSampleId :

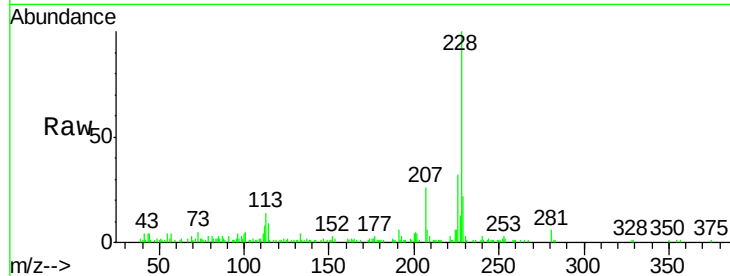
Tot Ion:228 Resp: 45254

Ion Ratio Lower Upper

228 100

229 22.0 16.2 24.4

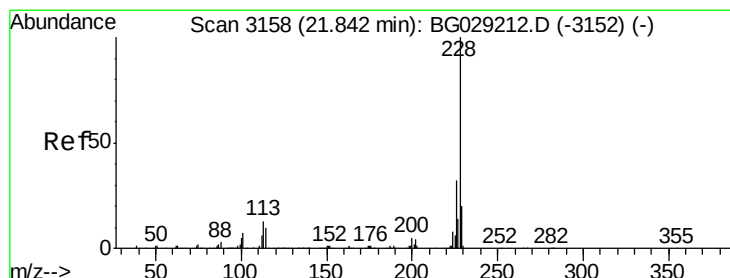
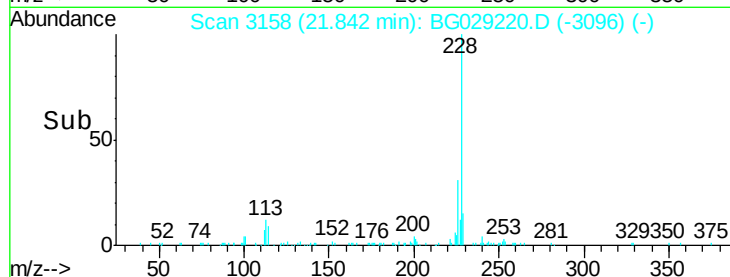
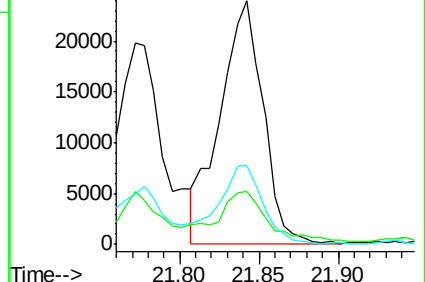
226 32.4 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 1.45 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029220.D

Acq: 14 Oct 2017 10:09

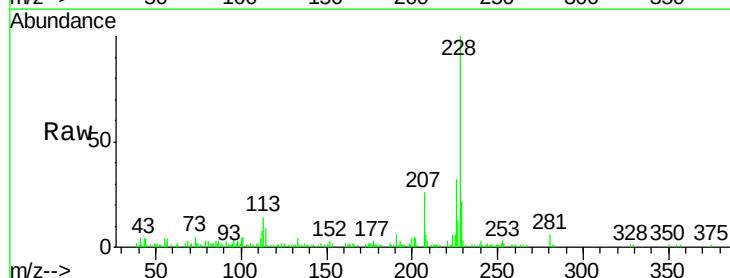
Tgt Ion:228 Resp: 45254

Ion Ratio Lower Upper

228 100

226 32.4 24.2 36.2

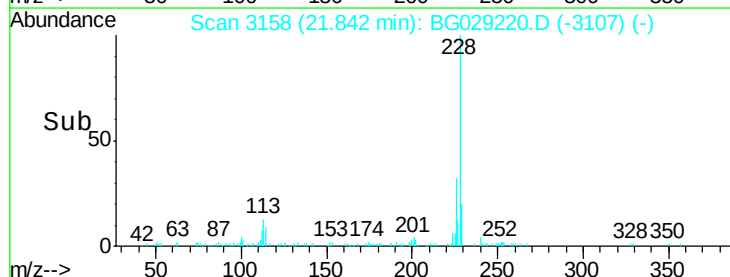
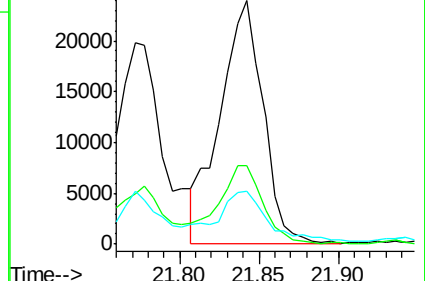
229 22.0 15.2 22.8

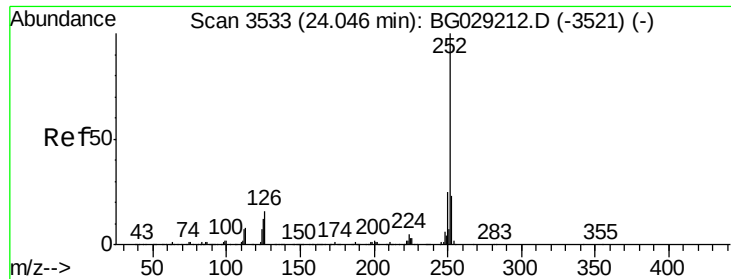


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

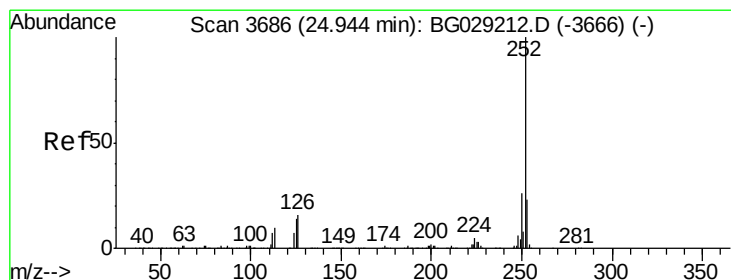
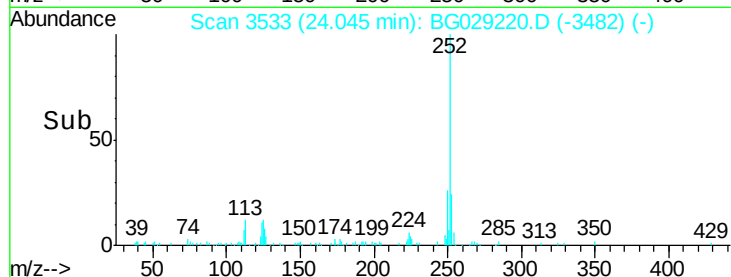
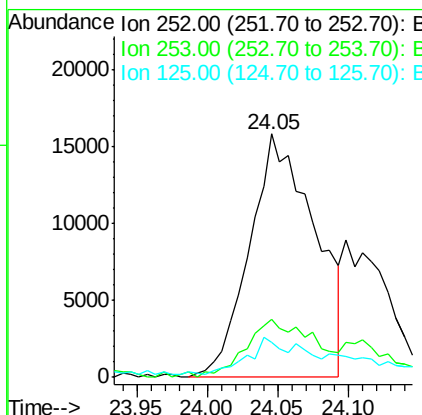
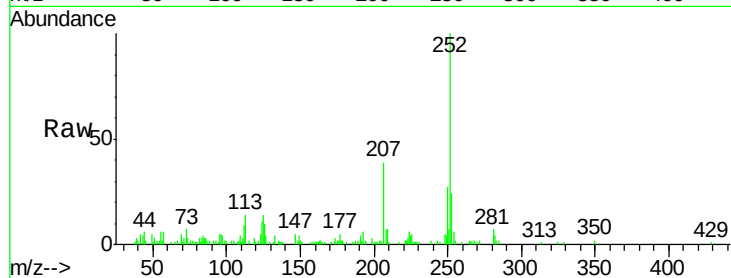




#85
Benzo(b)fluoranthene
Concen: 1.61 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG029220.D
Acq: 14 Oct 2017 10:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 51219
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.4
125 14.5 7.5 11.3#



#88
Benzo(a)pyrene
Concen: 1.08 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. 0.01 min
Lab File: BG029220.D
Acq: 14 Oct 2017 10:09

Tgt Ion:252 Resp: 33432
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.7 7.8 11.8

