

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029221.D
 Acq On : 14 Oct 2017 10:49
 Operator : SJ/JU
 Sample : I5574-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:22:08 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	98849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	440116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	261725	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	606235	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	573484	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	567860	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	18816	7.74	ng/uL	0.00
5) Phenol-d5	7.32	99	414420	43.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	267974	45.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	308913	46.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	340308	44.41	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	164794	52.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	175263	54.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	322117	43.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	299052	34.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1048773	46.87	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1290373	47.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	186660	45.19	ng/ul	0.00
57) Fluorene-d10	15.77	176	908418	49.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	132416	44.75	ng/ul	0.00
70) Anthracene-d10	17.62	188	1361990	47.50	ng/ul	0.00
76) Pyrene-d10	19.90	212	1465765	49.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	1342255	49.91	ng/ul	0.01

Target Compounds

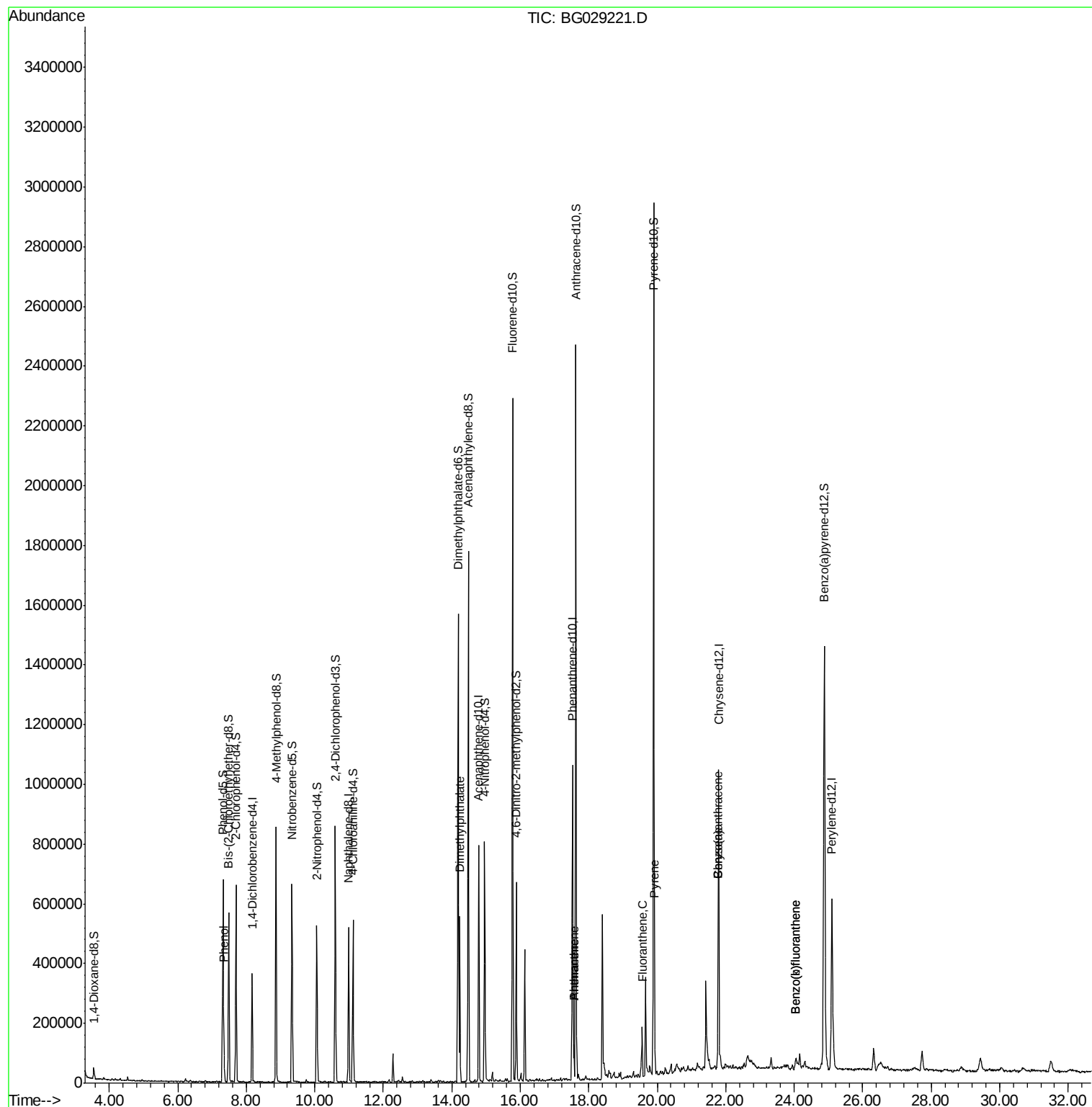
						Ovalue
6) Phenol	7.34	94	83047	8.46	ng/ul	89
44) Dimethylphthalate	14.23	163	354874	16.26	ng/ul	98
69) Phenanthrene	17.57	178	71396	2.18	ng/ul	99
71) Anthracene	17.57	178	71396	2.11	ng/ul	99
74) Fluoranthene	19.56	202	94921	2.59	ng/ul	97
77) Pyrene	19.92	202	81472	2.12	ng/ul#	90
80) Benzo(a)anthracene	21.77	228	44612	1.24	ng/ul	97
82) Chrysene	21.77	228	44612	1.37	ng/ul	93
85) Benzo(b)fluoranthene	24.05	252	46902	1.38	ng/ul	97
86) Benzo(k)fluoranthene	24.05	252	46902	1.42	ng/ul	96

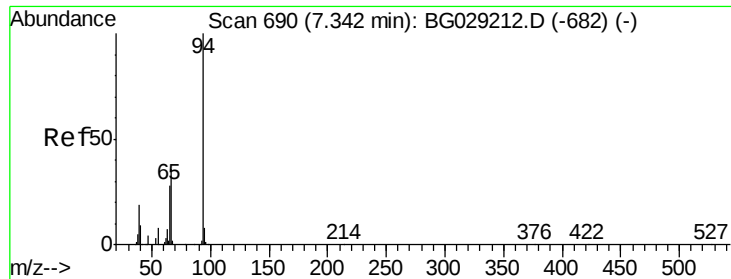
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 8.46 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

ClientSampleId :

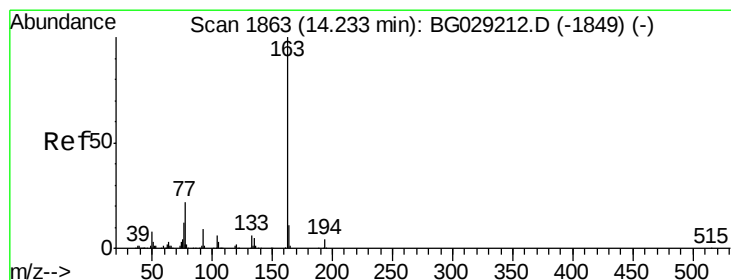
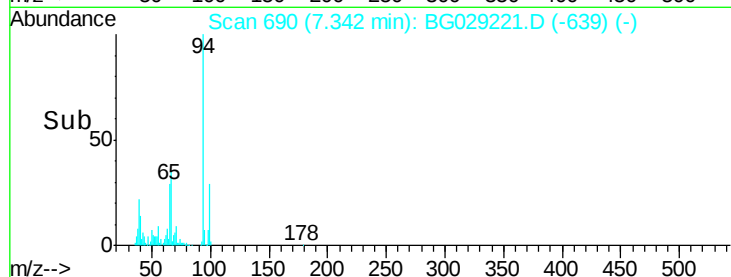
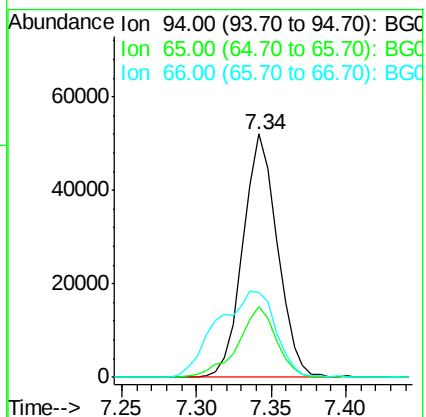
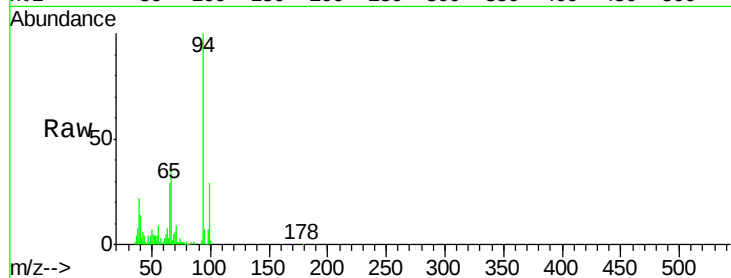
Tot Ion: 94 Resp: 83047

Ion Ratio Lower Upper

94 100

65 29.1 27.1 40.7

66 34.7 34.6 52.0



#44

Dimethylphthalate

Concen: 16.26 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

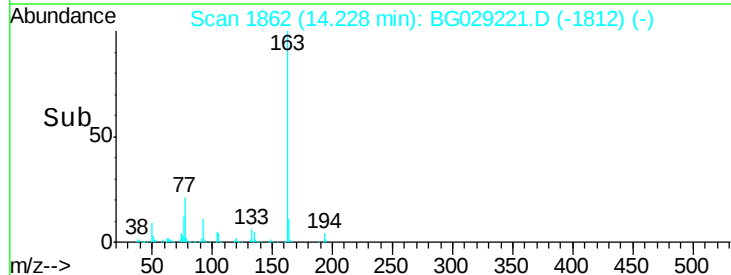
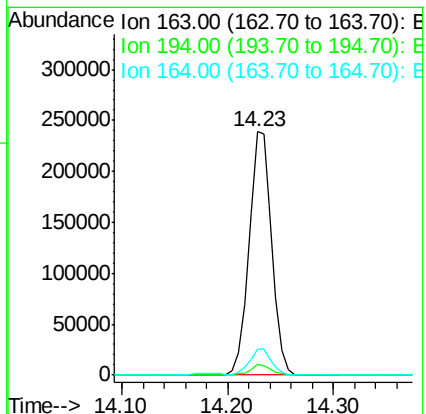
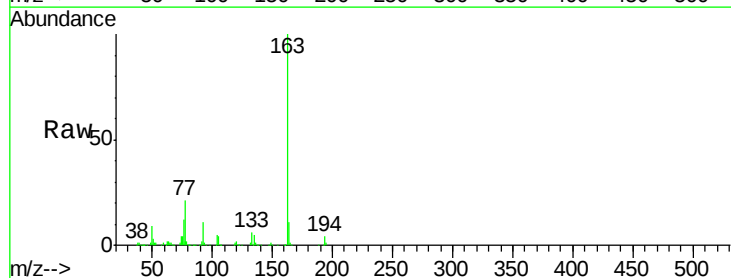
Tgt Ion:163 Resp: 354874

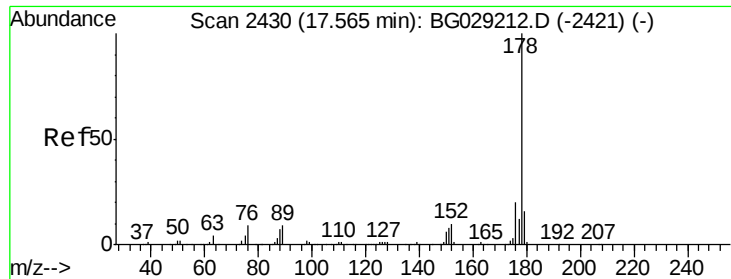
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.7 7.6 11.4





#69

Phenanthrene

Concen: 2.18 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

ClientSampleId :

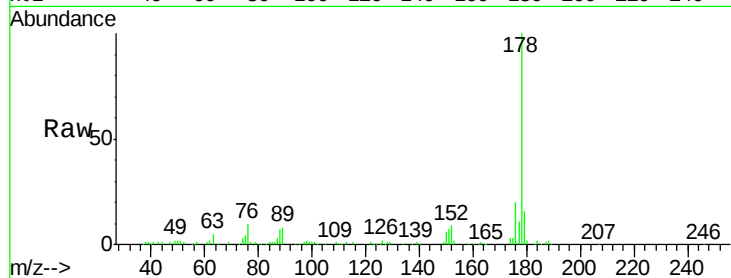
Tot Ion:178 Resp: 71396

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

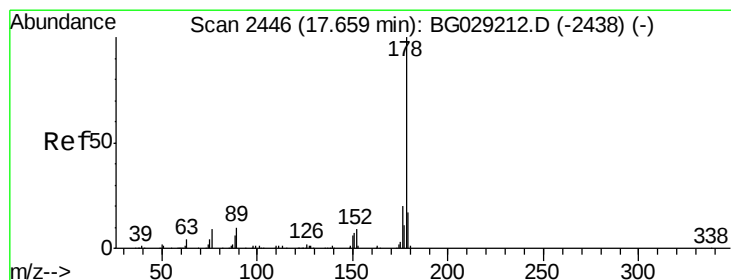
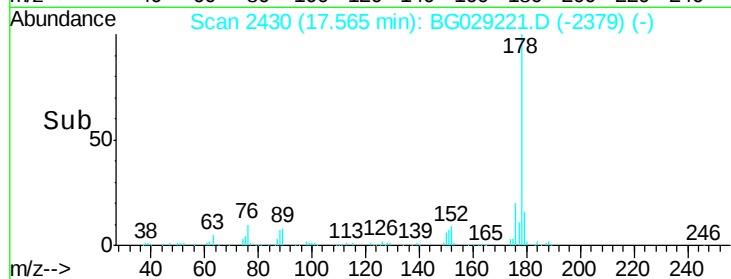
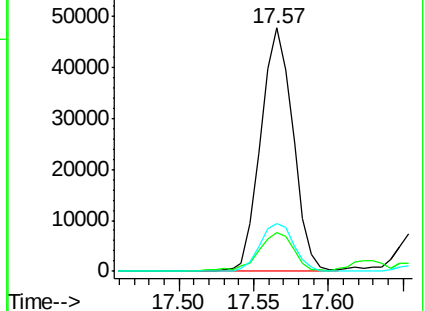
176 19.7 15.3 22.9



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: 2.11 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

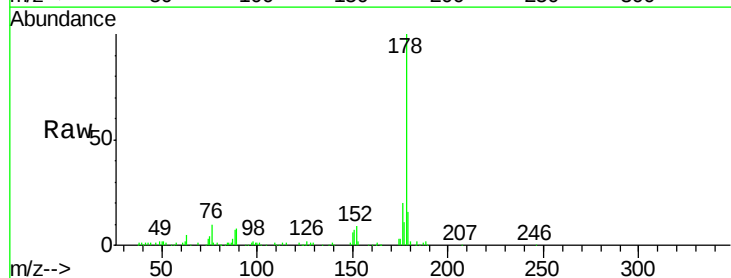
Tgt Ion:178 Resp: 71396

Ion Ratio Lower Upper

178 100

179 16.0 13.2 19.8

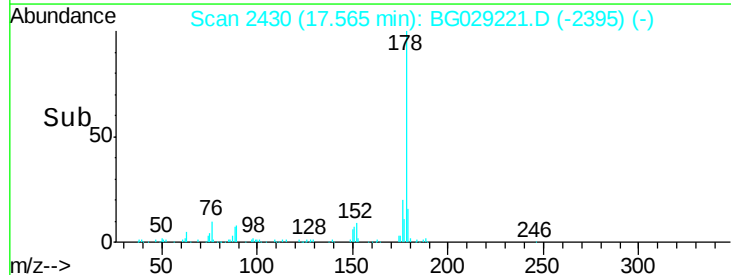
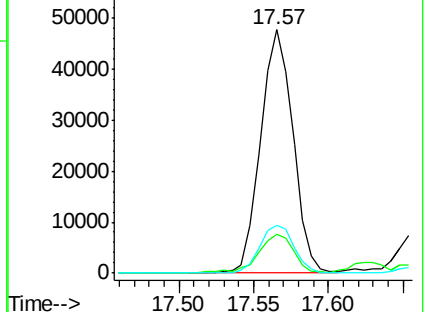
176 19.7 16.0 24.0

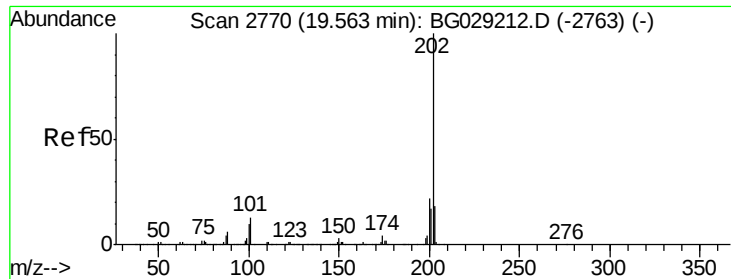


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.59 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

ClientSampled :

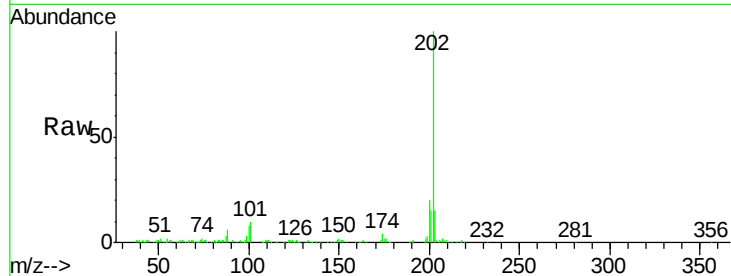
Tot Ion:202 Resp: 94921

Ion Ratio Lower Upper

202 100

101 10.2 7.4 11.2

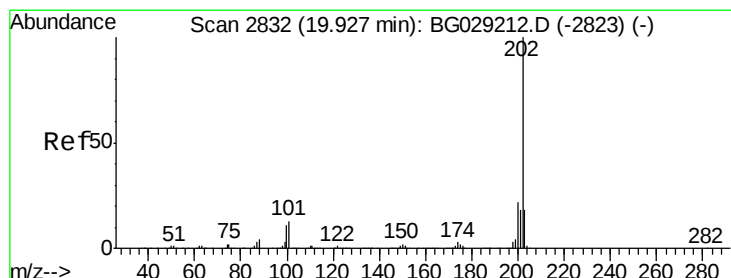
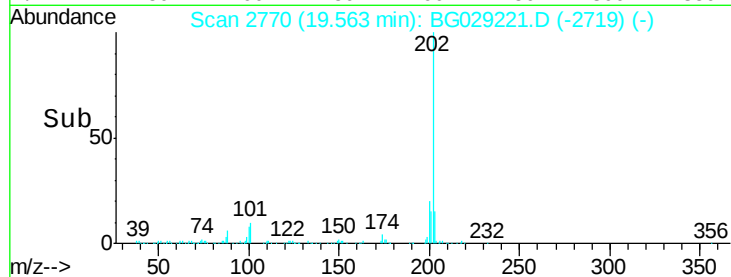
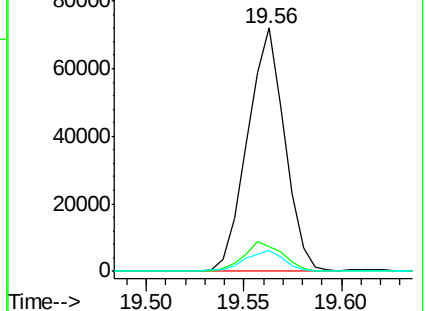
100 8.4 5.6 8.4



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: 2.12 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

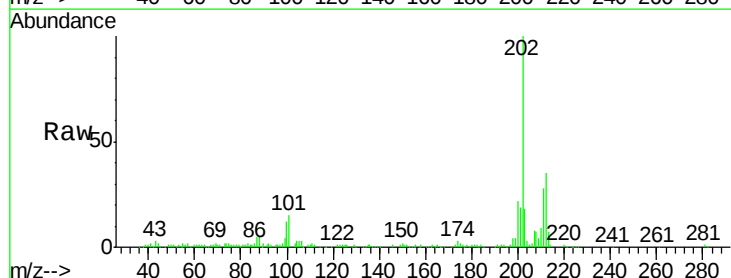
Tgt Ion:202 Resp: 81472

Ion Ratio Lower Upper

202 100

101 14.9 8.4 12.6#

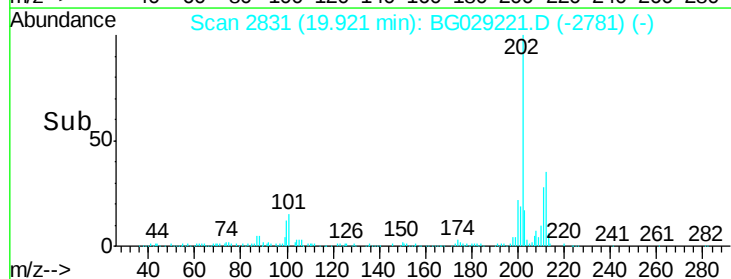
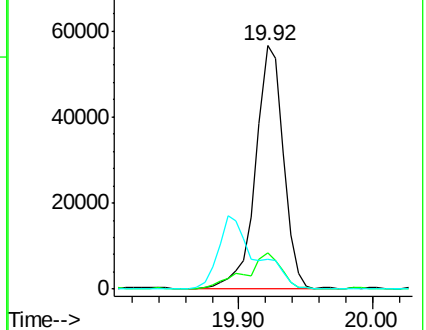
100 12.1 7.0 10.6#

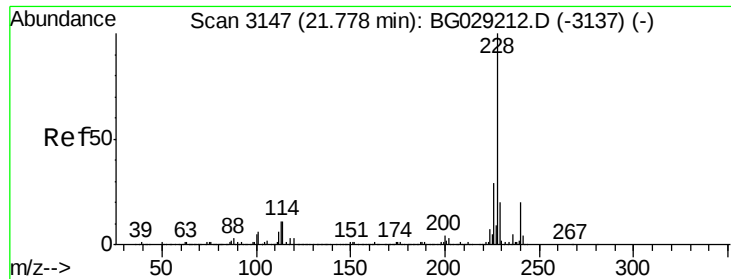


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.24 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

ClientSampleId :

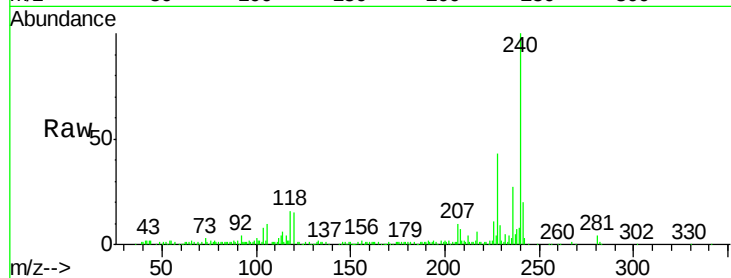
Tot Ion:228 Resp: 44612

Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.4

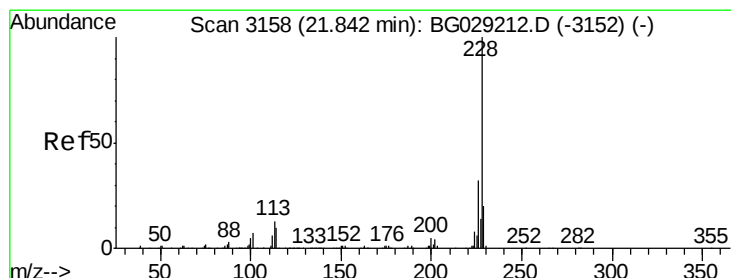
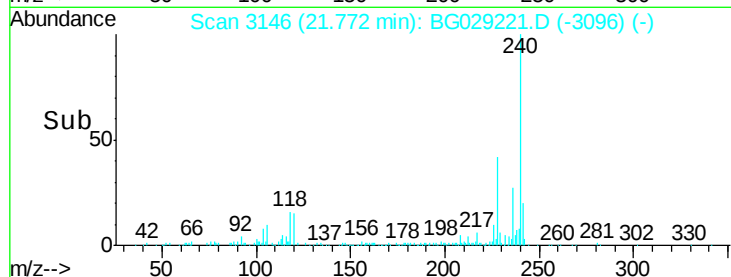
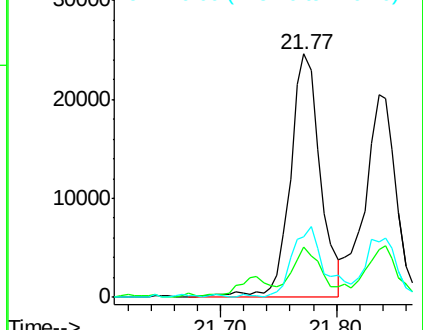
226 24.9 22.2 33.2



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: 1.37 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.07 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

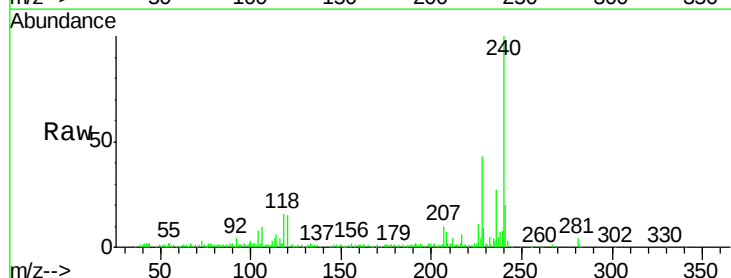
Tgt Ion:228 Resp: 44612

Ion Ratio Lower Upper

228 100

226 24.9 24.2 36.2

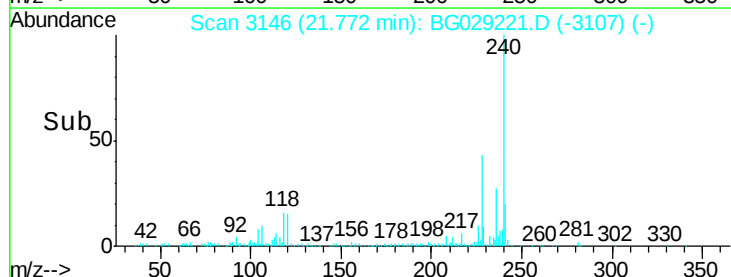
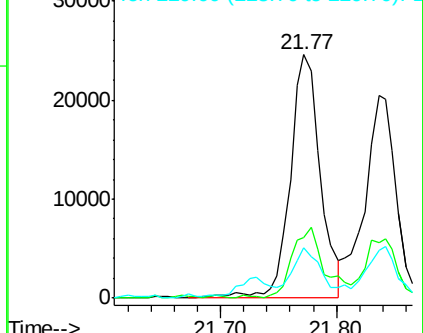
229 20.7 15.2 22.8

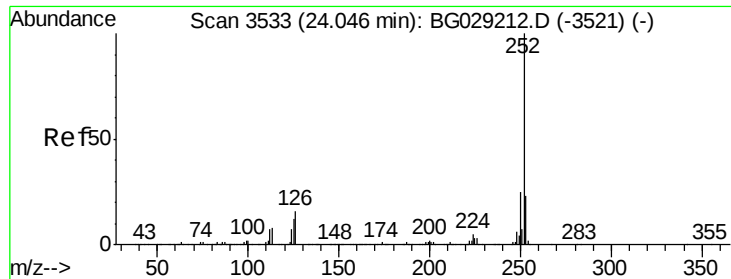


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

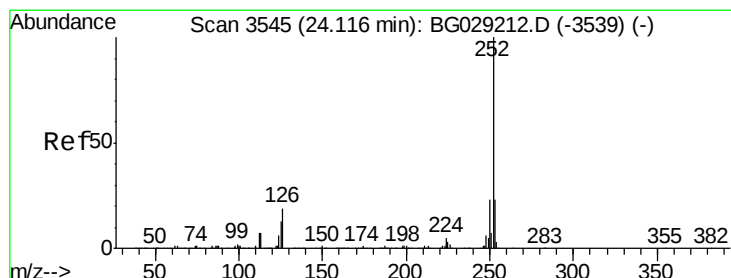
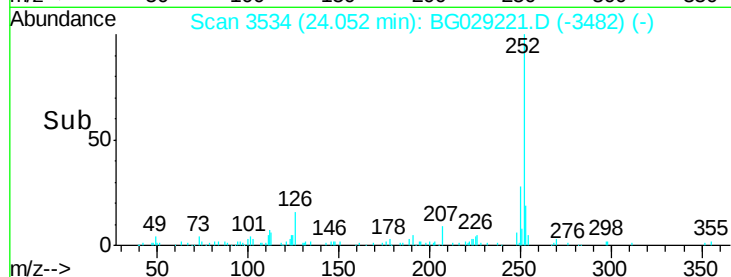
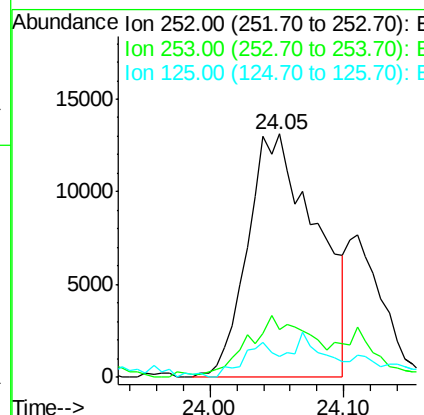
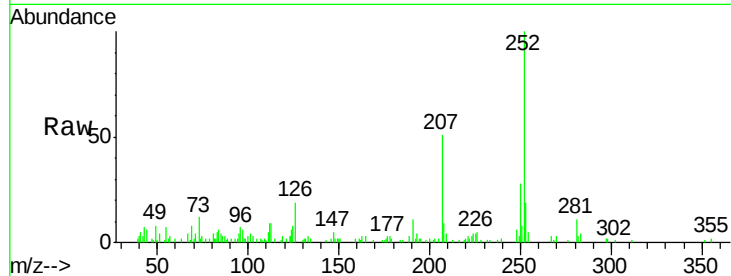




#85
Benzo(b)fluoranthene
Concen: 1.38 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG029221.D
Acq: 14 Oct 2017 10:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.0	25.4
125	8.4	7.5	11.3



#86
Benzo(k)fluoranthene
Concen: 1.42 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. -0.06 min
Lab File: BG029221.D
Acq: 14 Oct 2017 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.2	25.8
125	8.4	7.8	11.8

