

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029224.D
 Acq On : 14 Oct 2017 12:48
 Operator : SJ/JU
 Sample : I5574-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:23:08 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	133980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	584750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	355263	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	828009	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	789685	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	779512	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	12141	3.68	ng/uL	0.00
5) Phenol-d5	7.31	99	271291	21.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	175878	21.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	201951	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	210988	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	105357	25.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	112123	26.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	203725	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	238861	20.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	708088	23.31	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	853606	23.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	115056	20.52	ng/ul	0.00
57) Fluorene-d10	15.77	176	617351	24.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	81822	20.24	ng/ul	0.00
70) Anthracene-d10	17.62	188	919793	23.49	ng/ul	0.00
76) Pyrene-d10	19.90	212	944714	23.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	841203	22.78	ng/ul	0.01

Target Compounds

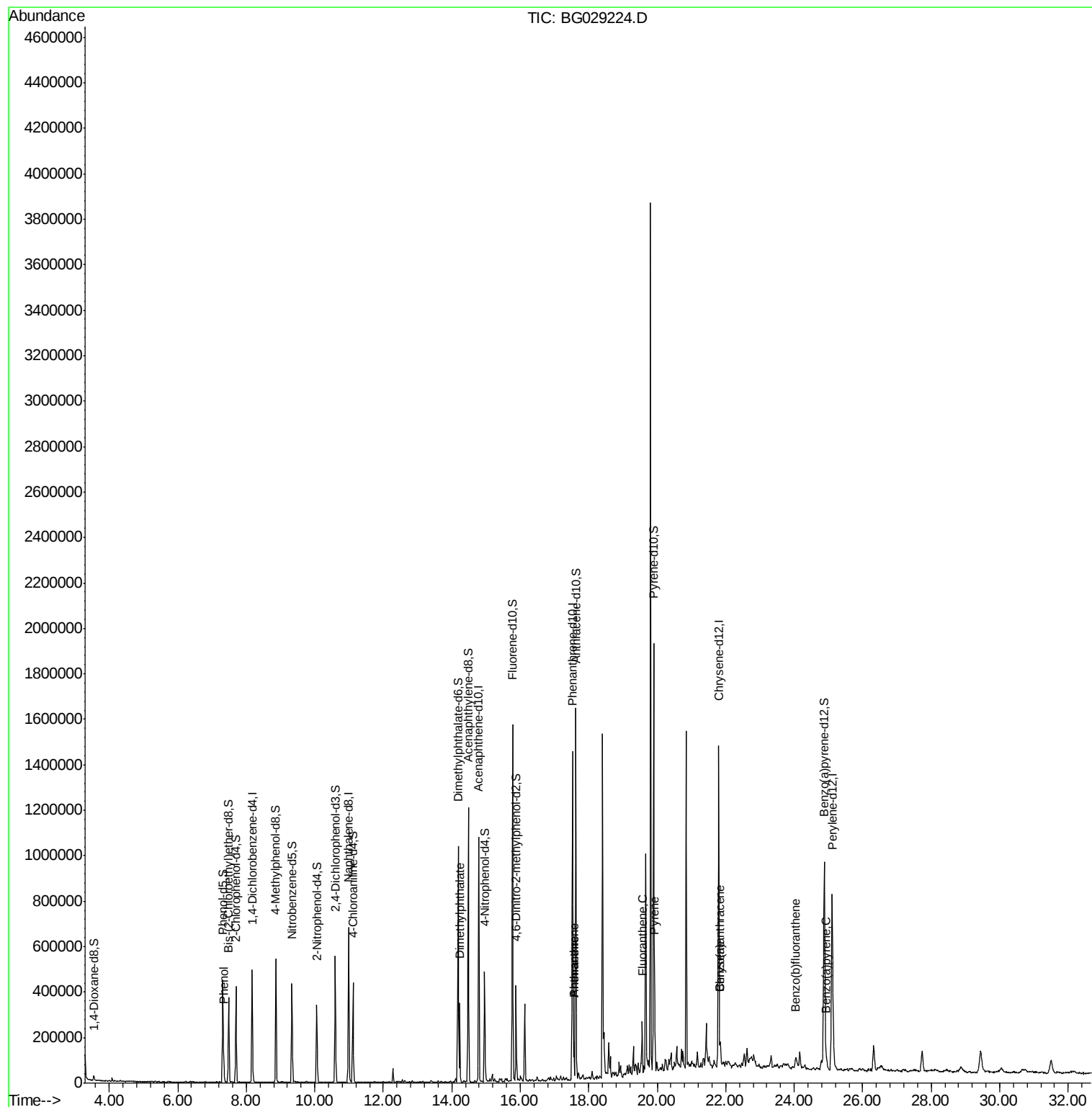
						Ovalue
6) Phenol	7.34	94	52260	3.93	ng/ul#	87
44) Dimethylphthalate	14.23	163	215336	7.27	ng/ul	99
69) Phenanthrene	17.57	178	102375	2.29	ng/ul	99
71) Anthracene	17.57	178	102375	2.22	ng/ul	98
74) Fluoranthene	19.56	202	107642	2.15	ng/ul#	91
77) Pyrene	19.92	202	175878	3.32	ng/ul#	91
80) Benzo(a)anthracene	21.84	228	91175	1.84	ng/ul	96
82) Chrysene	21.84	228	92213	2.05	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	64469	1.38	ng/ul#	94
88) Benzo(a)pyrene	24.94	252	50346	1.11	ng/ul#	89

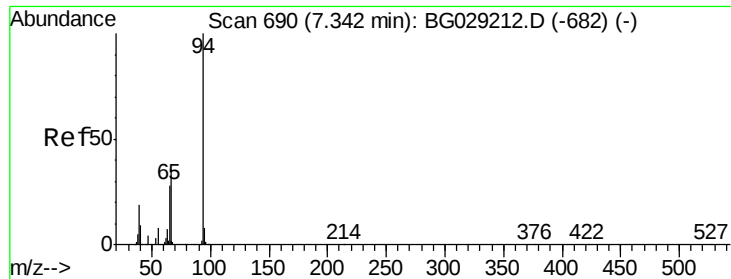
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.93 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

Instrument :

BNA_G

ClientSampleId :

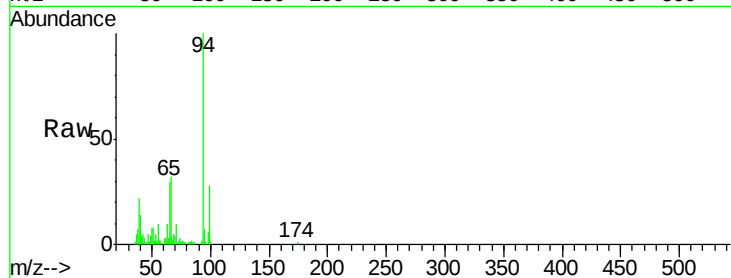
Tot Ion: 94 Resp: 52260

Ion Ratio Lower Upper

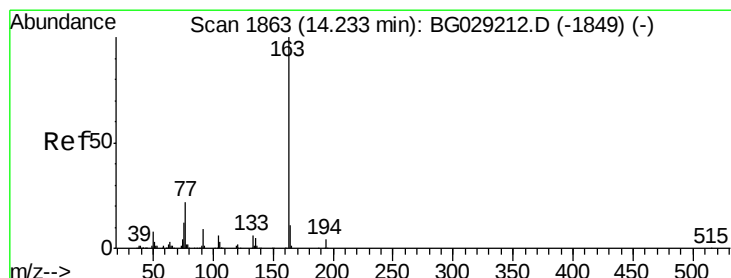
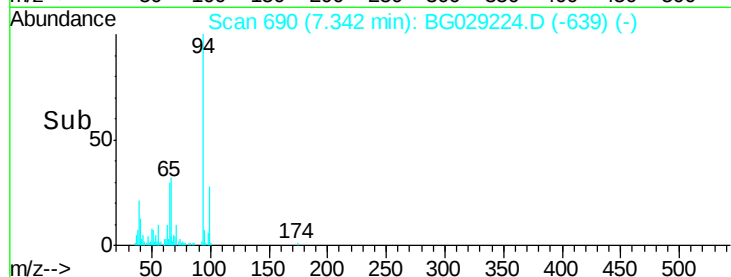
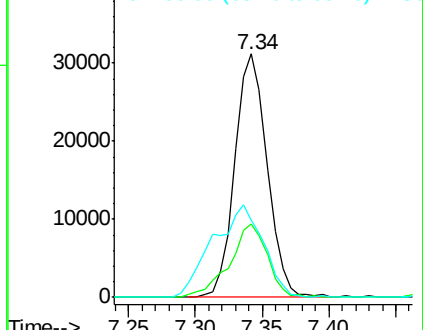
94 100

65 29.9 27.1 40.7

66 32.0 34.6 52.0#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 7.27 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

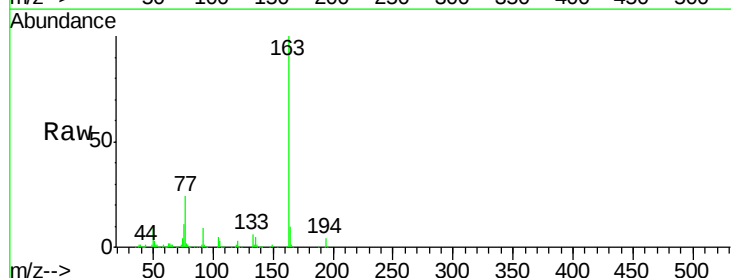
Tgt Ion:163 Resp: 215336

Ion Ratio Lower Upper

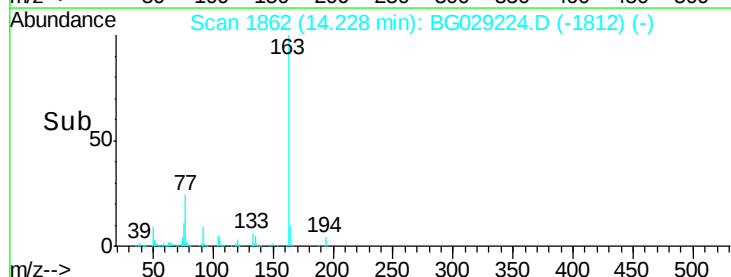
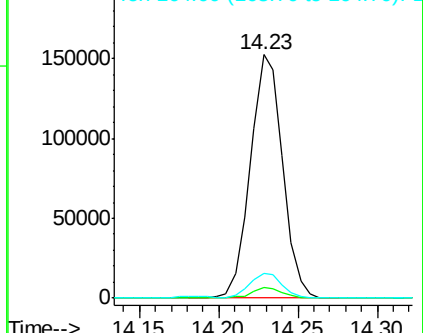
163 100

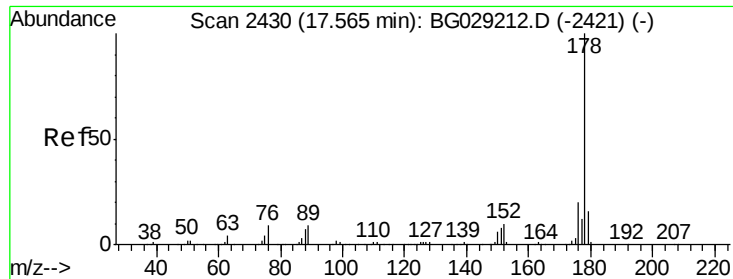
194 4.3 3.5 5.3

164 10.1 7.6 11.4



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





#69

Phenanthrene

Concen: 2.29 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

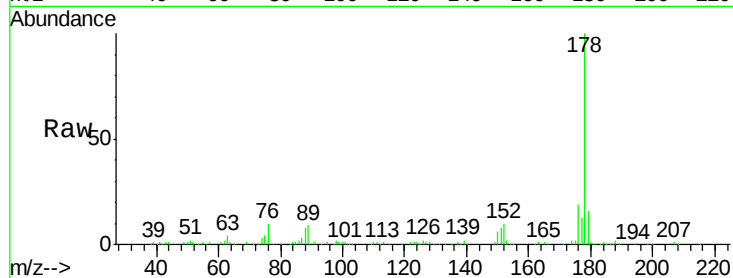
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 102375

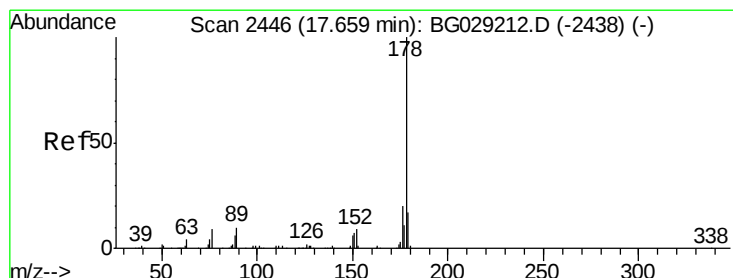
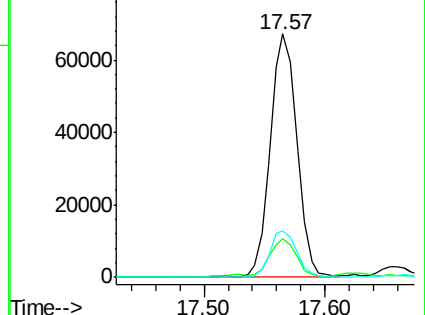
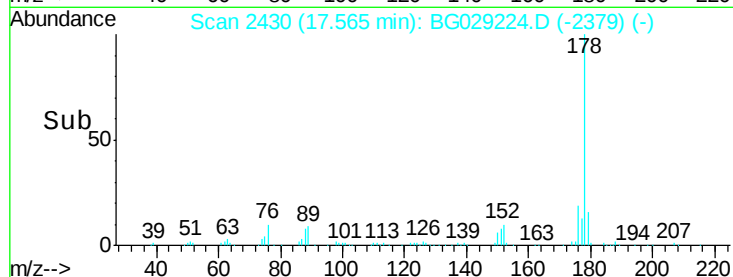
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	18.9	15.3	22.9



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: 2.22 ng/ul

RT: 17.57 min Scan# 2430

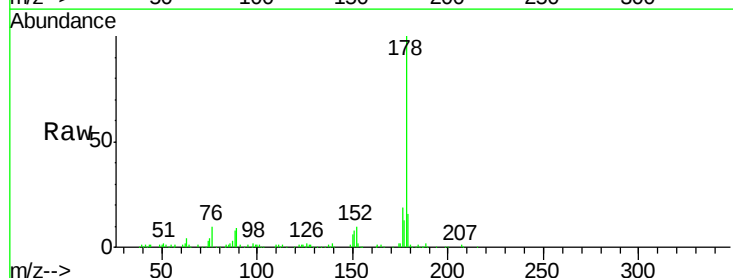
Delta R.T. -0.09 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

Tgt Ion:178 Resp: 102375

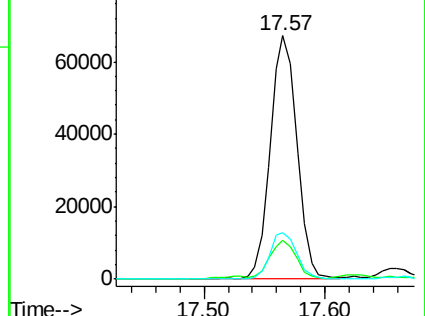
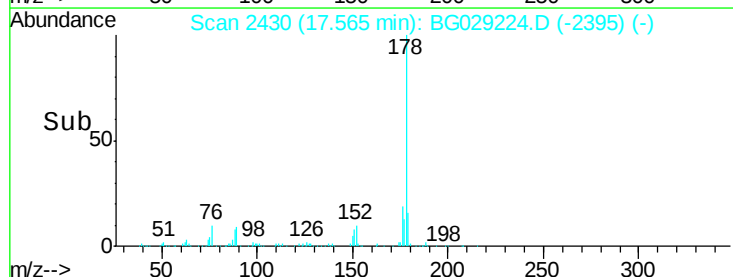
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	18.9	16.0	24.0

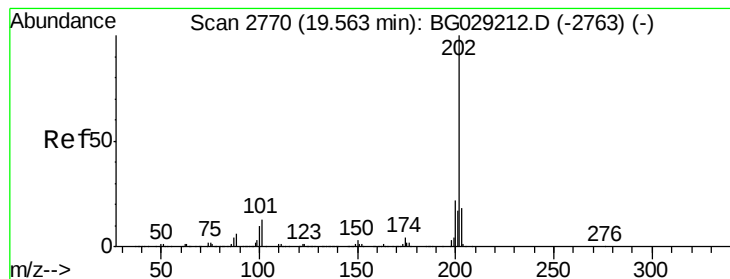


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.15 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

Instrument :

BNA_G

ClientSampleId :

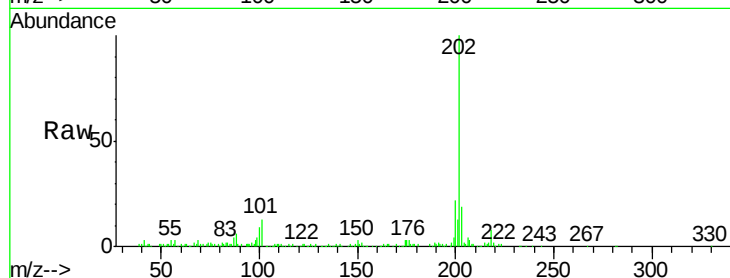
Tot Ion:202 Resp: 107642

Ion Ratio Lower Upper

202 100

101 13.1 7.4 11.2#

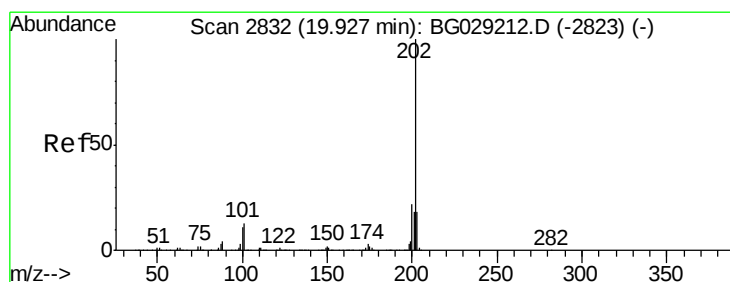
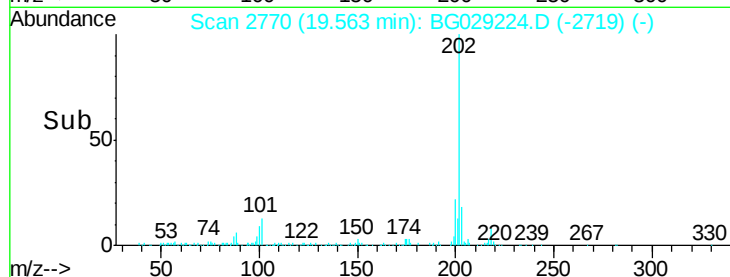
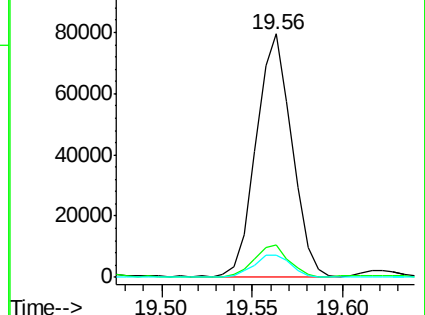
100 9.1 5.6 8.4#



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: 3.32 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

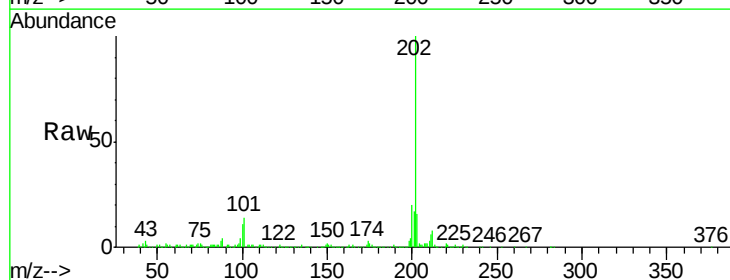
Tgt Ion:202 Resp: 175878

Ion Ratio Lower Upper

202 100

101 14.2 8.4 12.6#

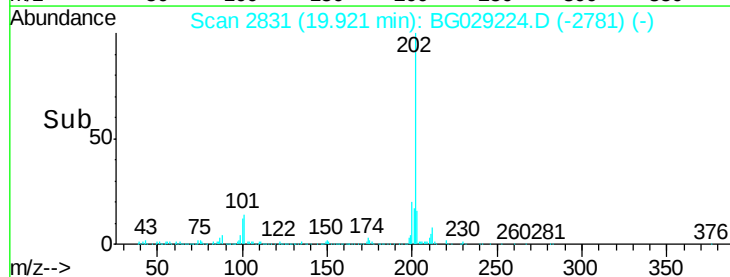
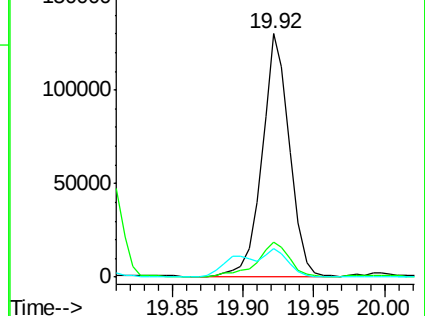
100 11.5 7.0 10.6#

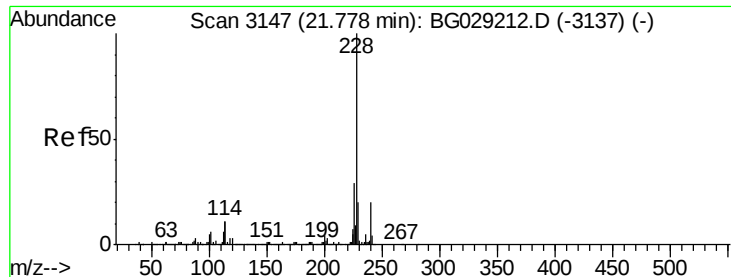


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.84 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. 0.07 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

Instrument :

BNA_G

ClientSampleId :

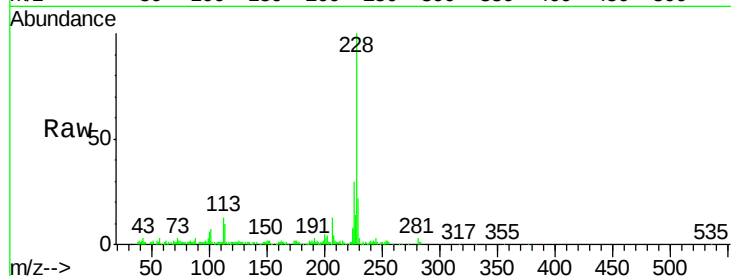
Tot Ion:228 Resp: 91175

Ion Ratio Lower Upper

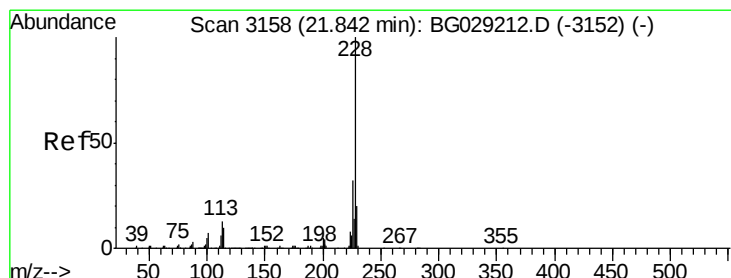
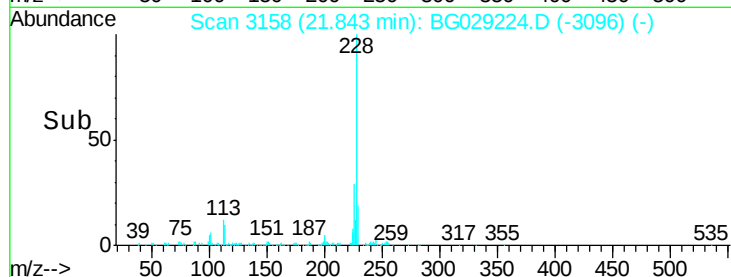
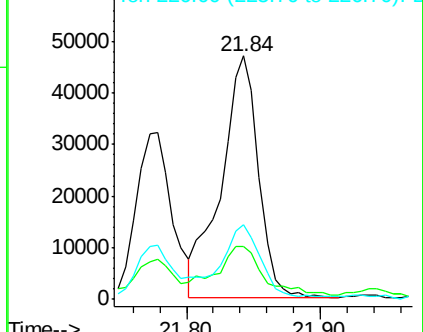
228 100

229 21.9 16.2 24.4

226 30.4 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: 2.05 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

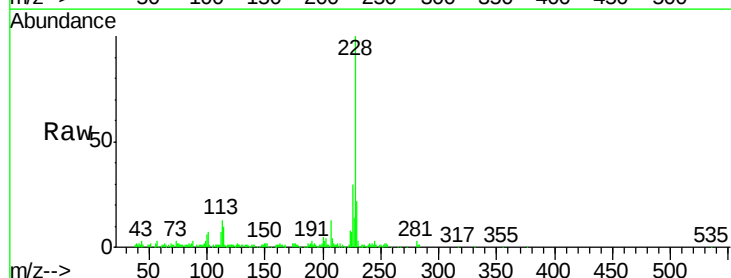
Tgt Ion:228 Resp: 92213

Ion Ratio Lower Upper

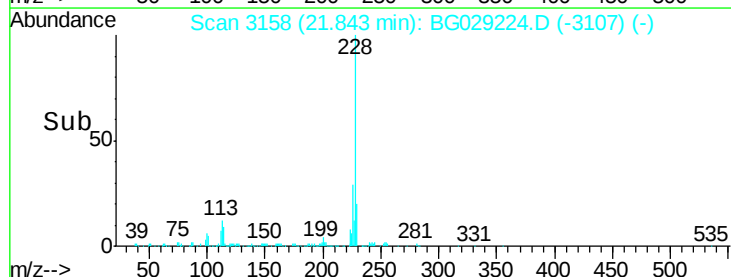
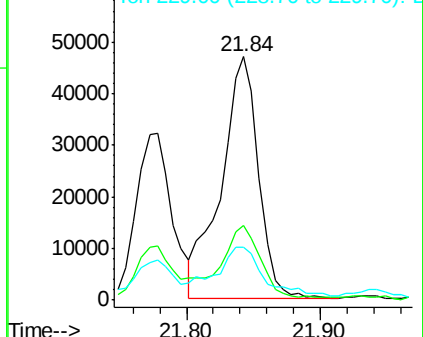
228 100

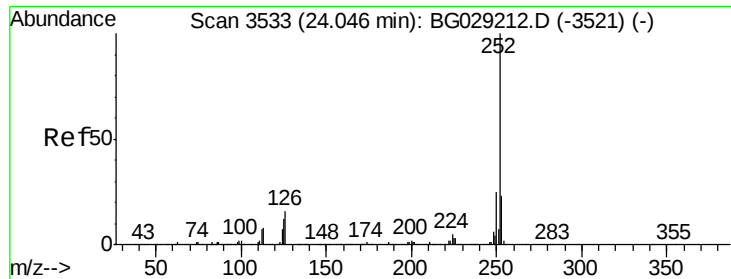
226 30.4 24.2 36.2

229 21.9 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# 3533

Delta R.T. 0.00 min

Lab File: BG029224.D

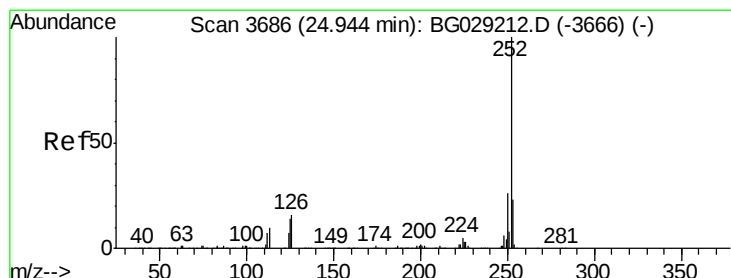
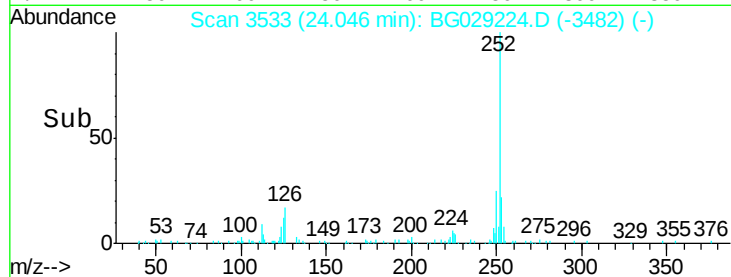
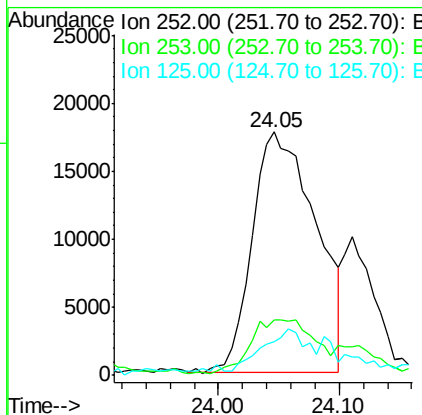
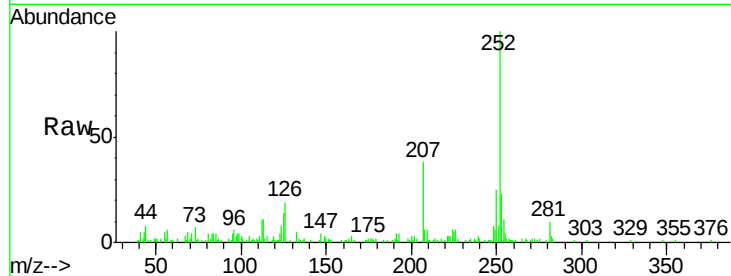
Acq: 14 Oct 2017 12:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	64469
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.0 25.4
125	13.9	7.5 11.3#



#88

Benzo(a)pyrene

Concen: 1.11 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG029224.D

Acq: 14 Oct 2017 12:48

Tgt Ion:252	Resp:	50346
Ion Ratio	Lower	Upper
252	100	
253	25.4	17.1 25.7
125	16.0	7.8 11.8#

