

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029461.D
 Acq On : 26 Oct 2017 3:16
 Operator : SJ/JU
 Sample : I5792-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 07:03:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 23:55:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70936	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	331335	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.78	164	217263	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	516977	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	554557	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	560382	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.55	96	16572	9.50	ng/uL	0.00
5) Phenol-d5	7.31	99	351529	51.63	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	211928	49.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	288783	60.13	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	313116	56.94	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	151017	63.49	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	178556	73.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	330692	59.55	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	396181	61.40	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	1059868	57.06	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1308711	57.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	144784	42.22	ng/ul	0.00
57) Fluorene-d10	15.77	176	964847	63.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	154645	61.28	ng/ul	0.00
70) Anthracene-d10	17.62	188	1417736	57.99	ng/ul	-0.01
76) Pyrene-d10	19.89	212	1676219	58.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	1706961	64.31	ng/ul	0.00

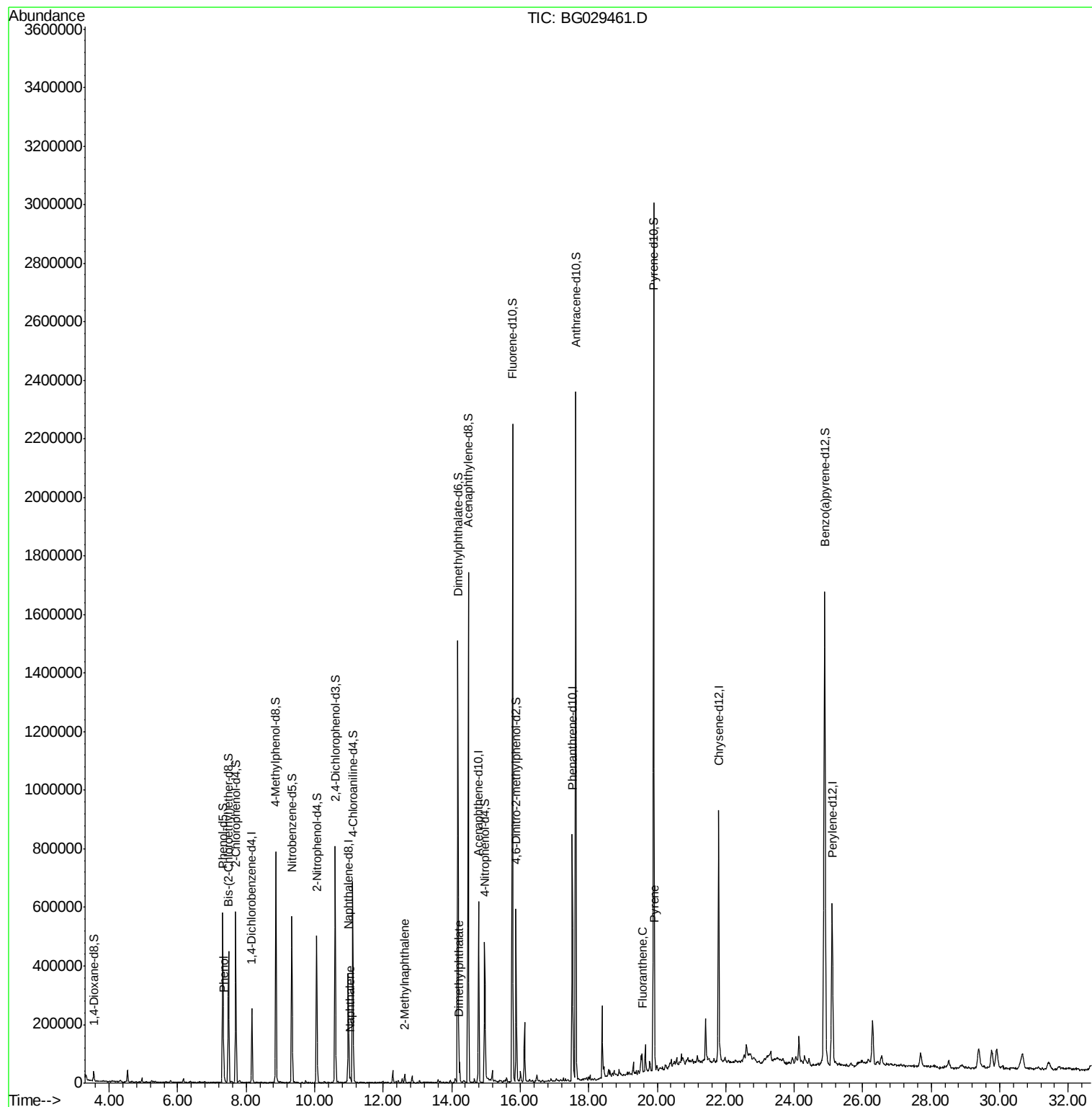
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.34	94	35681	5.065	ng/ul#	85
28) Naphthalene	11.03	128	18963	1.082	ng/ul#	94
34) 2-Methylnaphthalene	12.63	142	14656	1.010	ng/ul	88
44) Dimethylphthalate	14.22	163	45700	2.522	ng/ul	99
74) Fluoranthene	19.56	202	33413	1.070	ng/ul	97
77) Pyrene	19.92	202	47043	1.266	ng/ul#	97

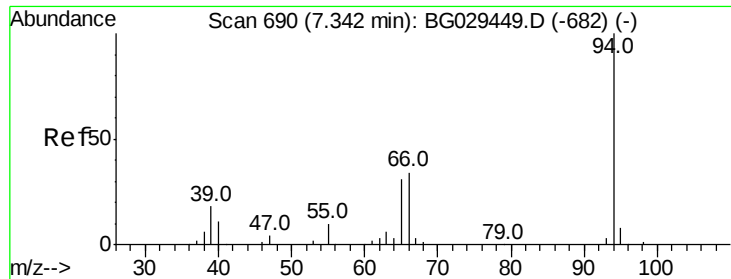
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.065 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029461.D

Acq: 26 Oct 2017 3:16

Instrument :

BNA_G

ClientSampleId :

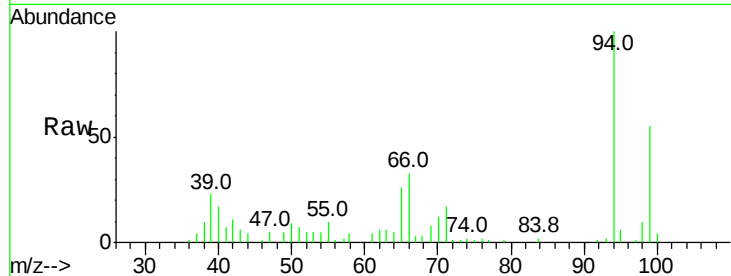
Tot Ion: 94 Resp: 35681

Ion Ratio Lower Upper

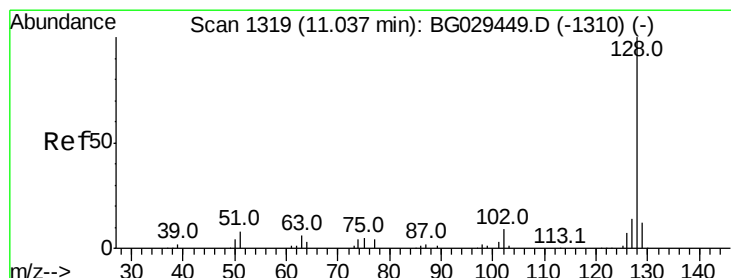
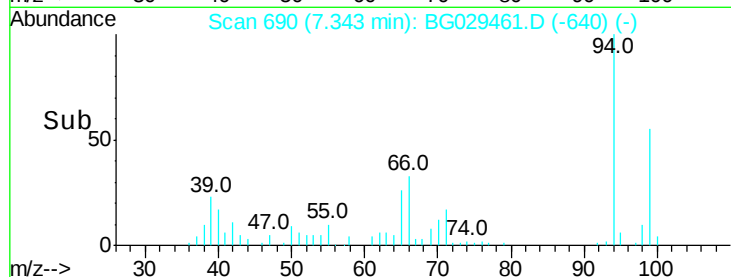
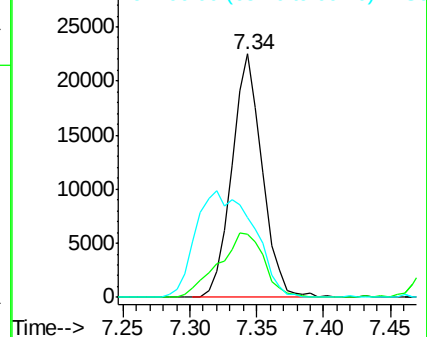
94 100

65 25.9 27.1 40.7#

66 32.8 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



#28

Naphthalene

Concen: 1.082 ng/ul

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG029461.D

Acq: 26 Oct 2017 3:16

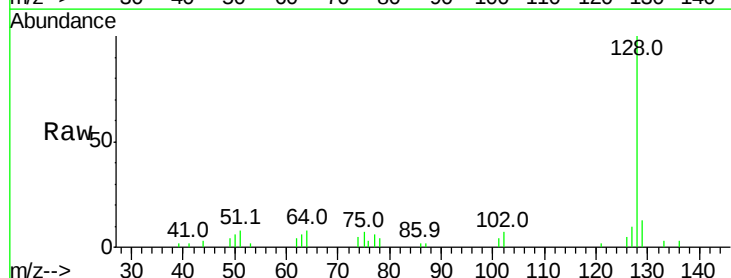
Tgt Ion: 128 Resp: 18963

Ion Ratio Lower Upper

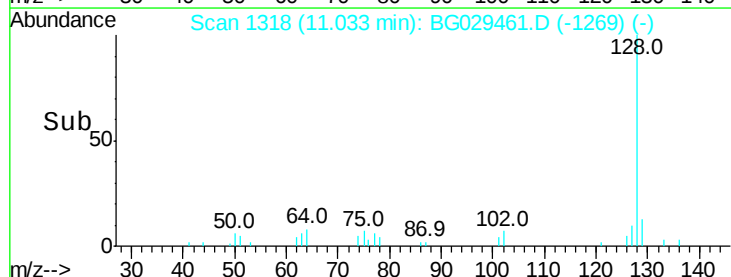
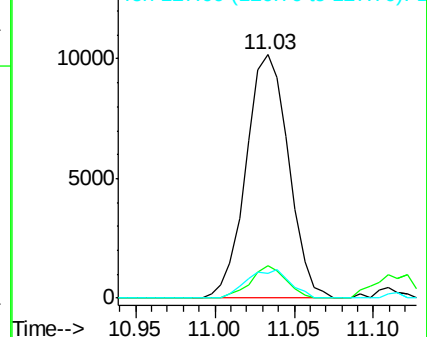
128 100

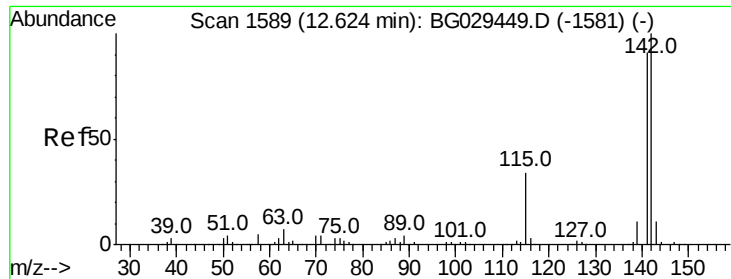
129 13.5 9.3 13.9

127 10.4 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

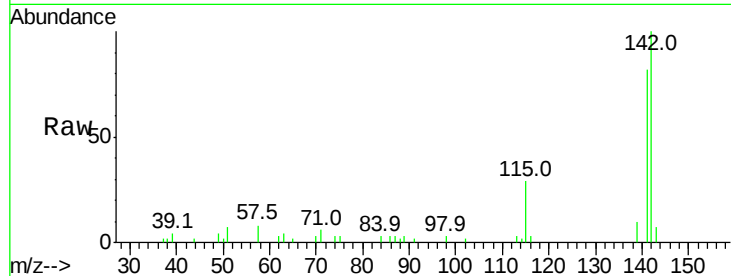




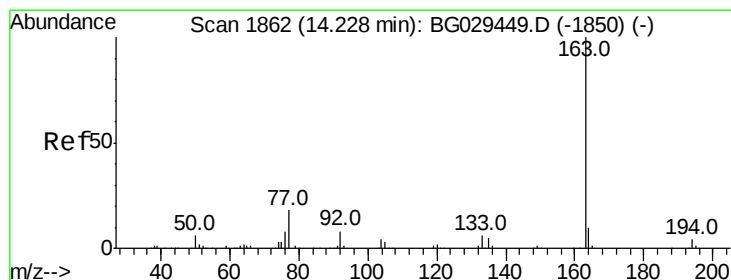
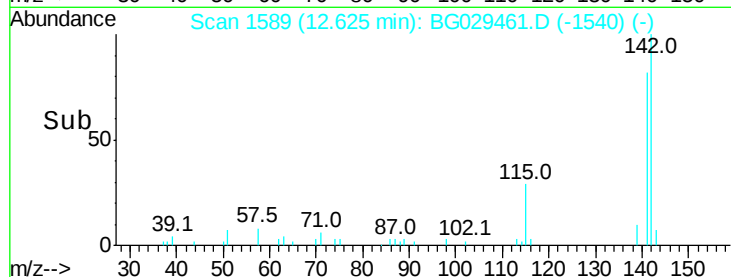
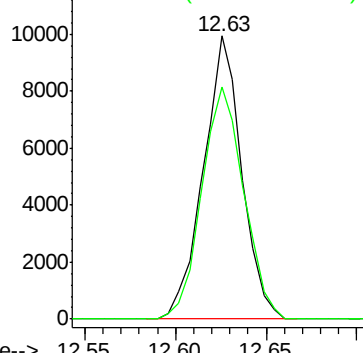
#34
 2-Methylnaphthalene
 Concen: 1.010 ng/ul
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BG029461.D
 Acq: 26 Oct 2017 3:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 14656
 Ion Ratio Lower Upper
 142 100
 141 82.1 75.4 113.0

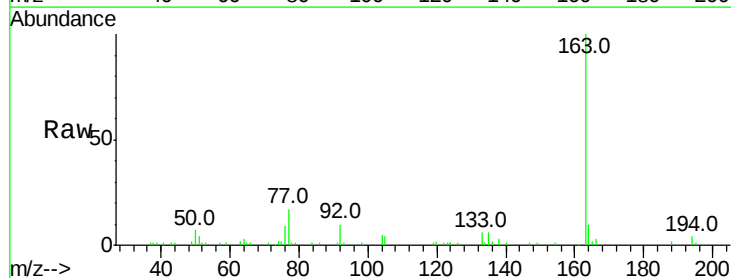


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

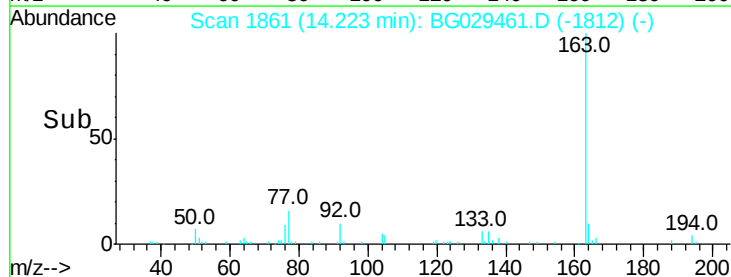
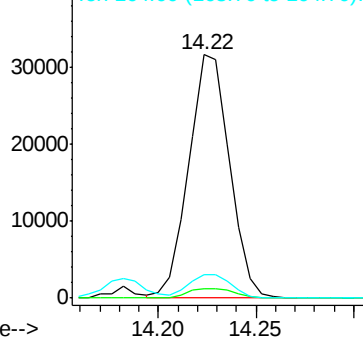


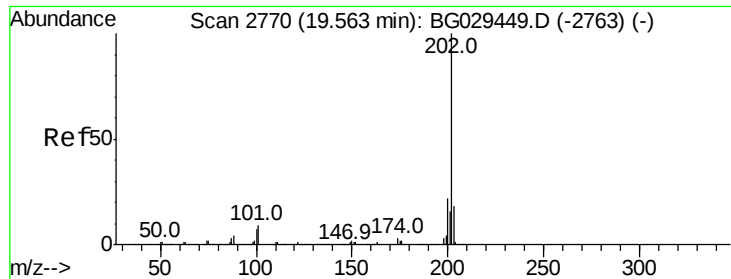
#44
 Dimethylphthalate
 Concen: 2.522 ng/ul
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BG029461.D
 Acq: 26 Oct 2017 3:16

Tgt Ion:163 Resp: 45700
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.5 5.3
 164 9.6 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

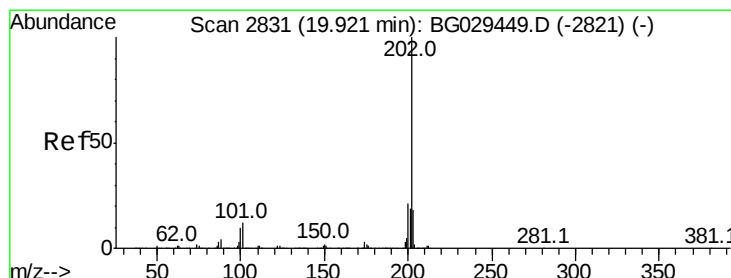
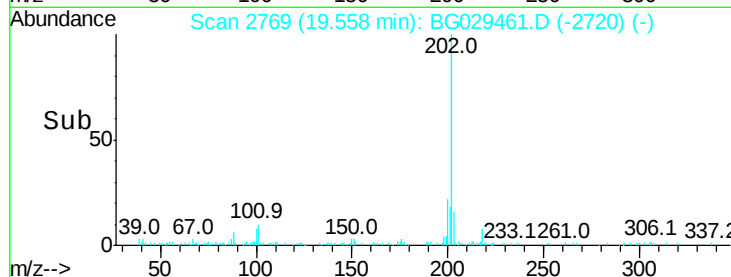
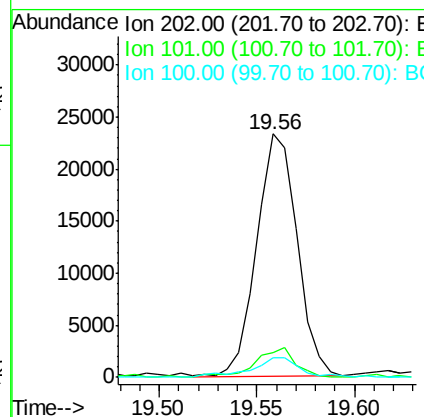
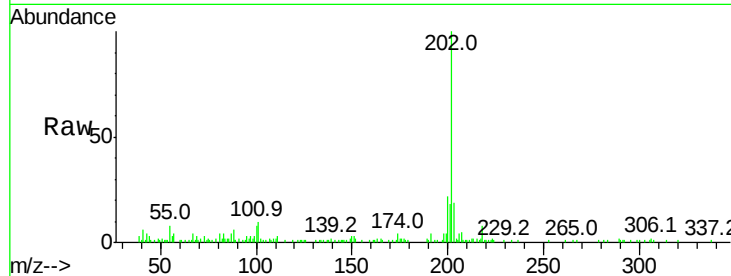




#74
Fluoranthene
Concen: 1.070 ng/ul
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029461.D
Acq: 26 Oct 2017 3:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.4	11.2
100	8.2	5.6	8.4



#77
Pyrene
Concen: 1.266 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029461.D
Acq: 26 Oct 2017 3:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
100	10.6	7.0	10.6#

