

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029239.D
 Acq On : 15 Oct 2017 1:34
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB8

Quant Time: Oct 15 04:16:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	147837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	658863	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	402997	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	849699	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	752377	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	747207	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	16478	4.53	ng/uL	0.00
5) Phenol-d5	7.32	99	358143	25.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	231465	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	268915	26.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	282455	24.65	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	138737	29.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	154206	31.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	280681	25.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	283407	22.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	888357	25.78	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1082923	25.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	135136	21.25	ng/ul	0.00
57) Fluorene-d10	15.78	176	741650	26.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	100378	24.20	ng/ul	0.00
70) Anthracene-d10	17.62	188	1053165	26.21	ng/ul	0.00
76) Pyrene-d10	19.90	212	1025327	26.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	892181	25.21	ng/ul	0.01

Target Compounds

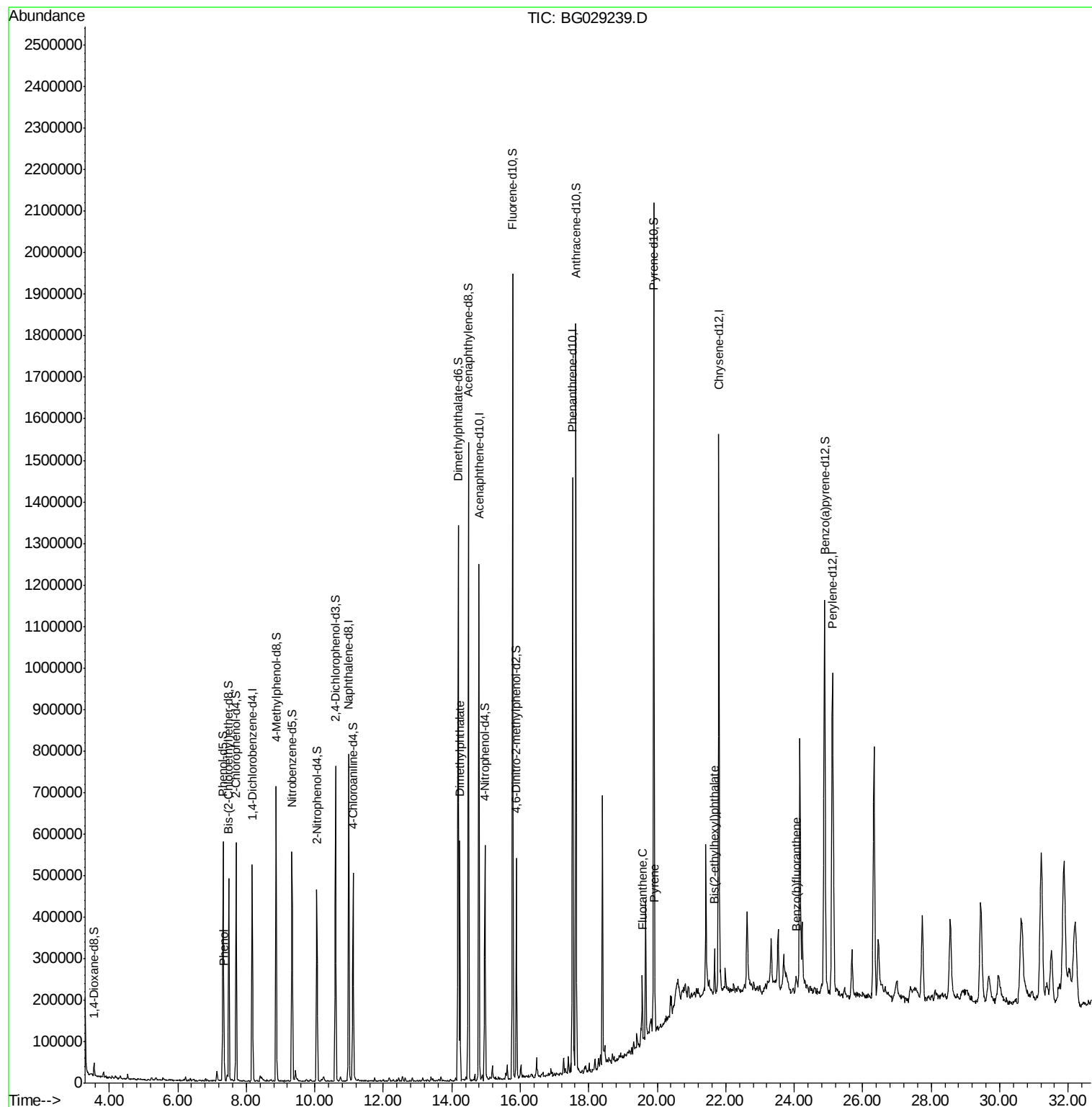
				Ovalue	
6) Phenol	7.35	94	38975	2.655	ng/ul 99
44) Dimethylphthalate	14.23	163	353262	10.512	ng/ul 97
74) Fluoranthene	19.56	202	78104	1.521	ng/ul# 92
77) Pyrene	19.93	202	67765	1.344	ng/ul# 92
81) Bis(2-ethylhexyl)phthalate	21.67	149	47327	1.597	ng/ul 100
85) Benzo(b)fluoranthene	24.05	252	50516	1.126	ng/ul# 90

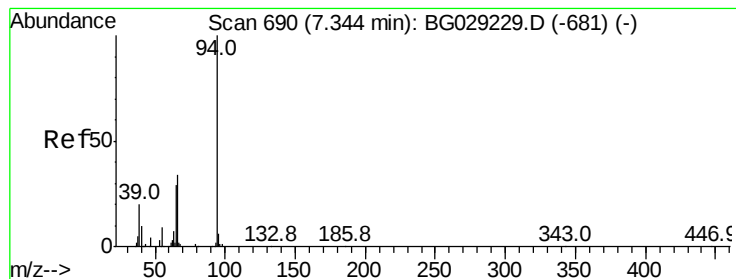
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.655 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029239.D

Acq: 15 Oct 2017 1:34

Instrument :

BNA_G

ClientSampleId :

C0AB8

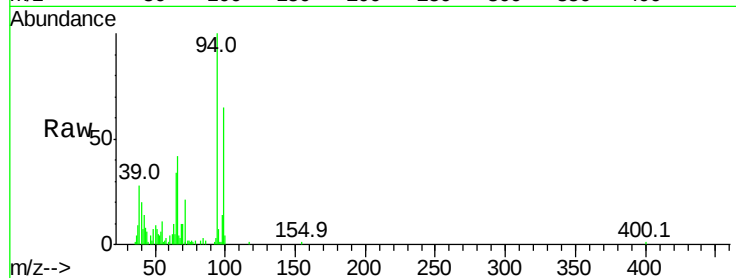
Tot Ion: 94 Resp: 38975

Ion Ratio Lower Upper

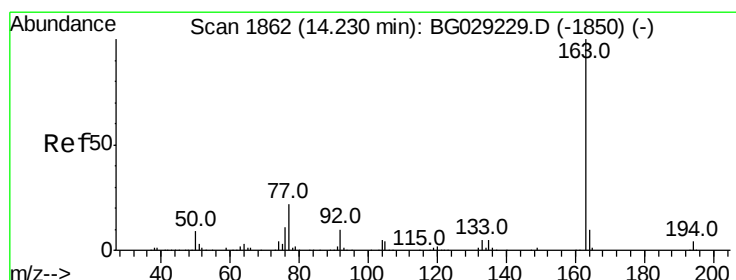
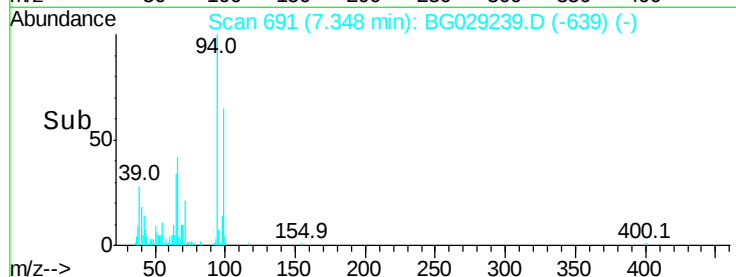
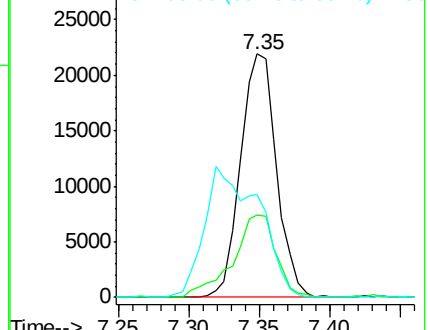
94 100

65 33.9 27.1 40.7

66 42.2 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: 10.512 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029239.D

Acq: 15 Oct 2017 1:34

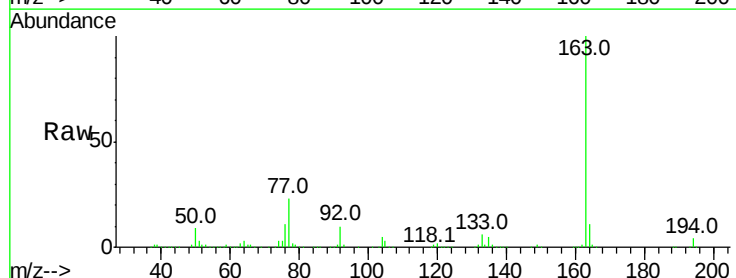
Tgt Ion:163 Resp: 353262

Ion Ratio Lower Upper

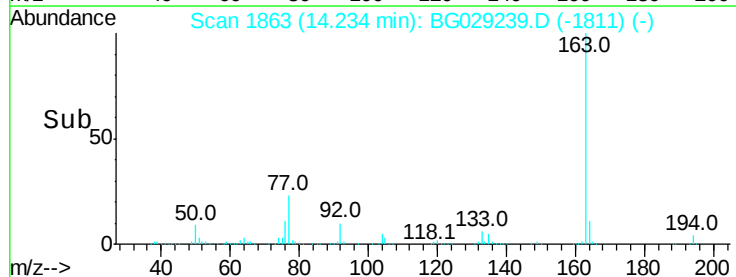
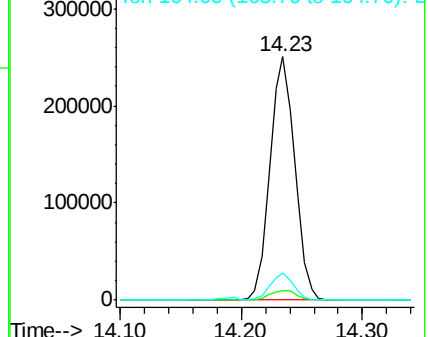
163 100

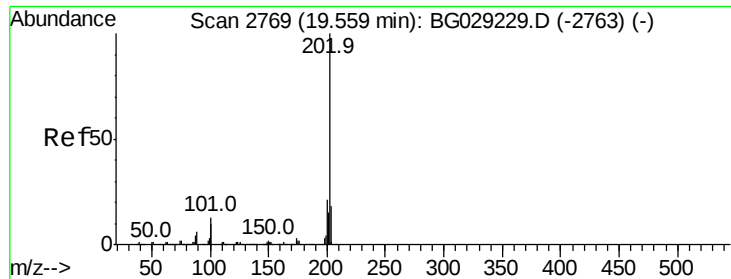
194 4.0 3.5 5.3

164 11.1 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





#74

Fluoranthene

Concen: 1.521 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029239.D

Acq: 15 Oct 2017 1:34

Instrument :

BNA_G

ClientSampleId :

C0AB8

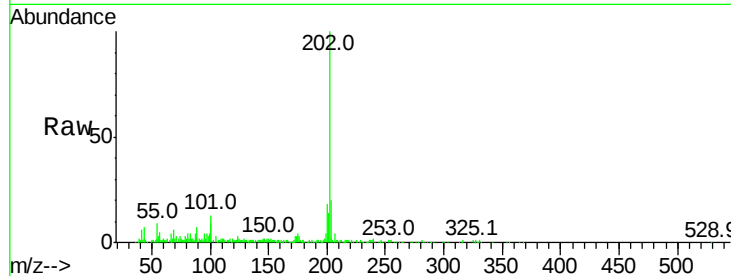
Tot Ion:202 Resp: 78104

Ion Ratio Lower Upper

202 100

101 12.7 7.4 11.2#

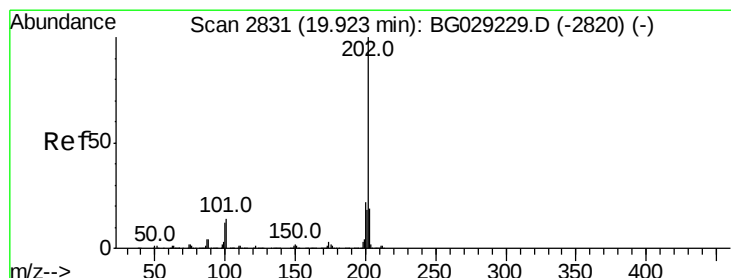
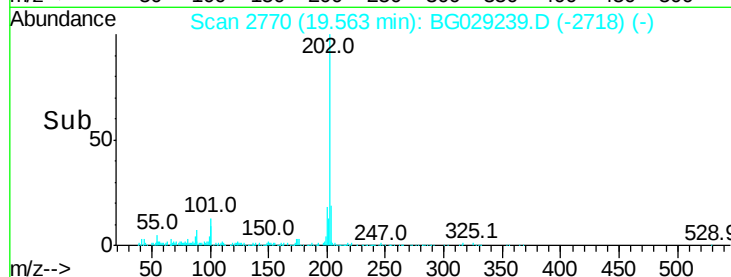
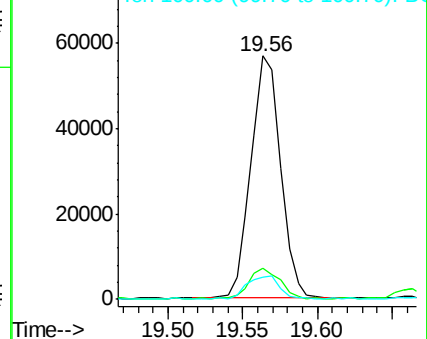
100 8.9 5.6 8.4#



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: 1.344 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029239.D

Acq: 15 Oct 2017 1:34

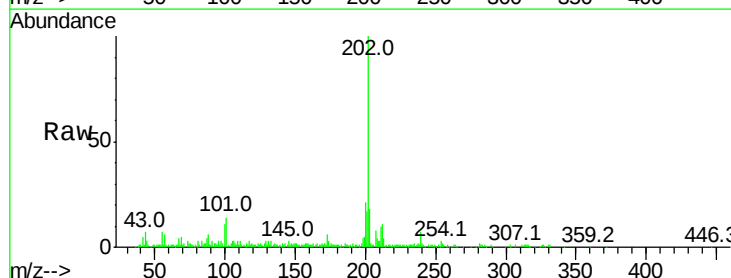
Tgt Ion:202 Resp: 67765

Ion Ratio Lower Upper

202 100

101 14.1 8.4 12.6#

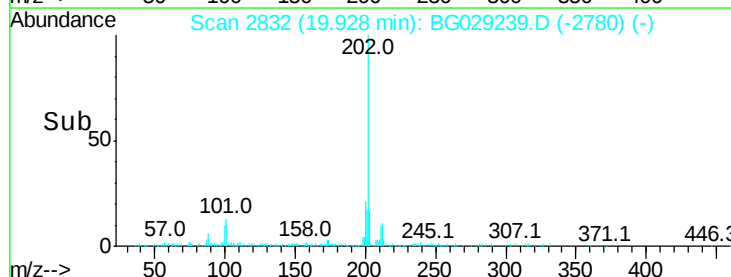
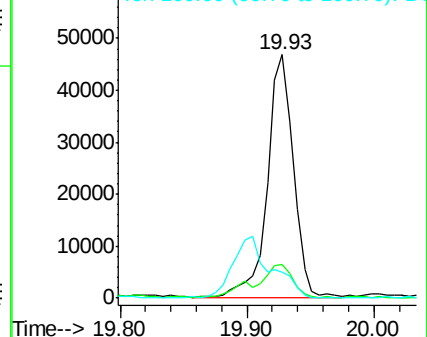
100 10.9 7.0 10.6#

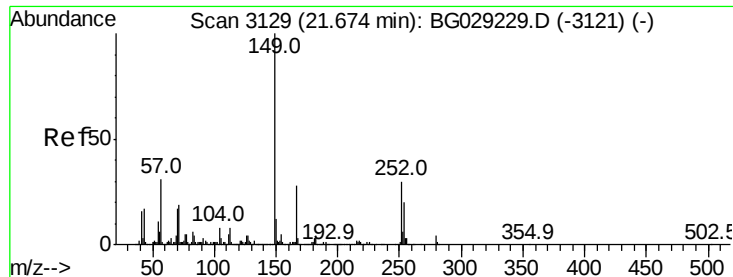


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

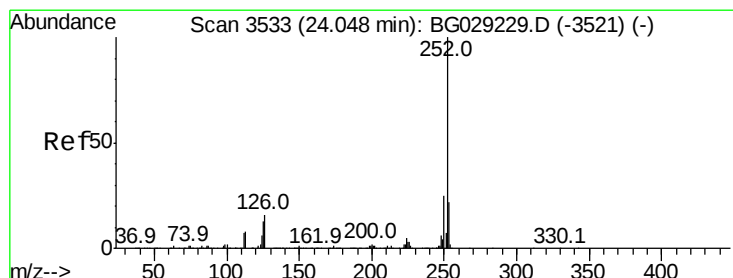
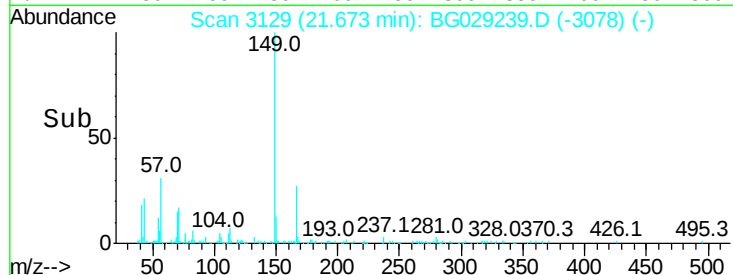
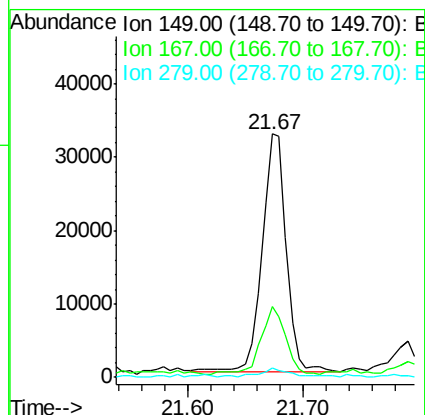
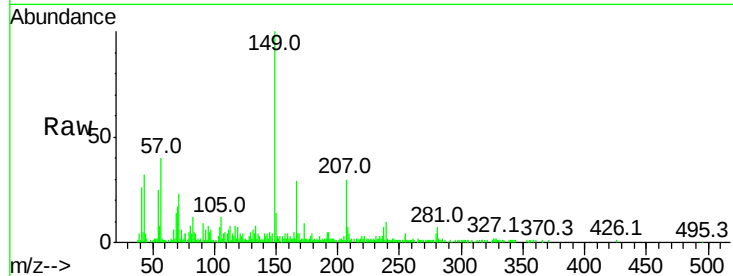




#81
Bis(2-ethylhexyl)phthalate
Concen: 1.597 ng/ul
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029239.D
Acq: 15 Oct 2017 1:34

Instrument :
BNA_G
ClientSampleId :
C0AB8

Tot Ion:149 Resp: 47327
Ion Ratio Lower Upper
149 100
167 28.8 23.2 34.8
279 4.0 3.1 4.7



#85
Benzo(b)fluoranthene
Concen: 1.126 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG029239.D
Acq: 15 Oct 2017 1:34

Tgt Ion:252 Resp: 50516
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.4
125 15.7 7.5 11.3#

