

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029231.D
 Acq On : 14 Oct 2017 20:13
 Operator : SJ/JU
 Sample : I5548-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF8

Quant Time: Oct 15 01:56:19 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	8.17	152	106374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	460033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	251888	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	512926	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	436553	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	395347	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9789	3.74	ng/uL	0.00
5) Phenol-d5	7.32	99	203819	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	129939	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	154862	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	147411	17.88	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	75143	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	80458	23.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	152832	19.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	61232	6.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	457376	21.24	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	603524	23.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	64379	16.19	ng/ul	0.00
57) Fluorene-d10	15.77	176	399219	22.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	34732	13.87	ng/ul	0.00
70) Anthracene-d10	17.62	188	572191	23.59	ng/ul	0.00
76) Pyrene-d10	19.90	212	568016	25.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	445027	23.77	ng/ul	0.04

Target Compounds

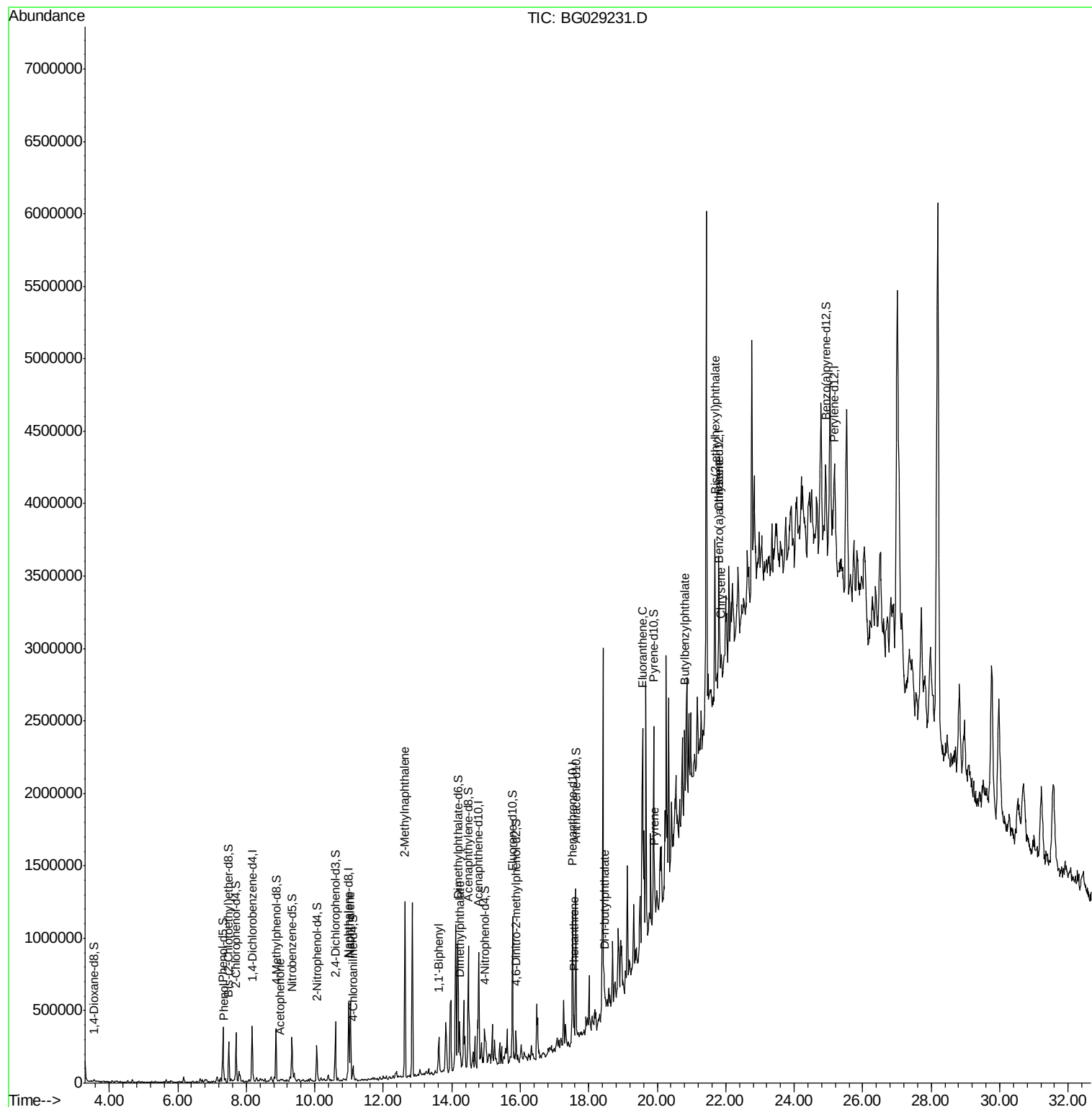
					Ovalue	
6) Phenol	7.34	94	22021	2.084	ng/ul	91
14) Acetophenone	8.99	105	13494	1.072	ng/ul#	72
28) Naphthalene	11.04	128	439385	18.051	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	576010	28.586	ng/ul	96
40) 1,1'-Biphenyl	13.62	154	104440	5.029	ng/ul	96
44) Dimethylphthalate	14.23	163	154507	7.356	ng/ul#	95
69) Phenanthrene	17.56	178	102030	3.680	ng/ul	94
73) Di-n-butylphthalate	18.47	149	40280	1.304	ng/ul#	96
74) Fluoranthene	19.56	202	84124	2.715	ng/ul#	64
77) Pyrene	19.93	202	85053	2.907	ng/ul#	82
78) Butylbenzylphthalate	20.80	149	149210	12.578	ng/ul#	76
80) Benzo(a)anthracene	21.78	228	43089	1.575	ng/ul#	60
81) Bis(2-ethylhexyl)phthalate	21.68	149	439483	25.564	ng/ul	96
82) Chrysene	21.85	228	45613	1.835	ng/ul#	65

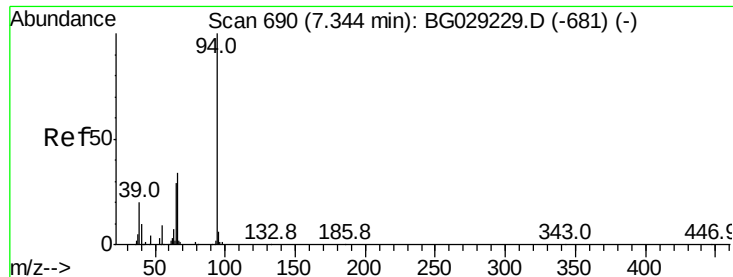
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029231.D
Acq On : 14 Oct 2017 20:13
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Sample : I5548-18
Misc :
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Instrument :
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Quant Time: Oct 15 01:56:19 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





#6

Phenol

Concen: 2.084 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Instrument :

BNA_G

ClientSampleId :

C0AF8

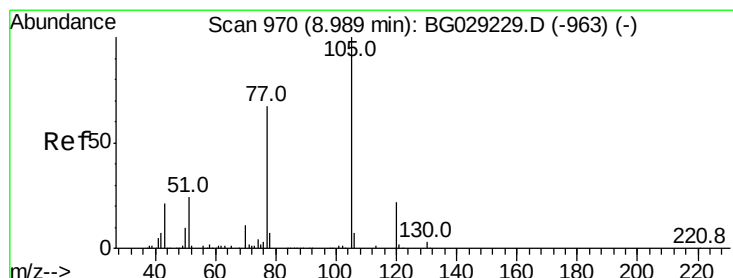
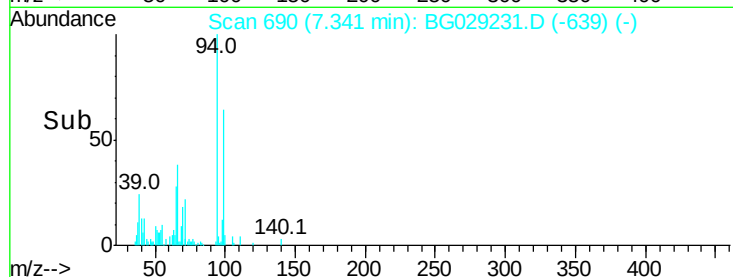
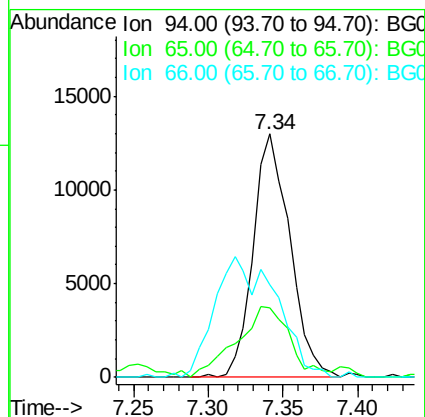
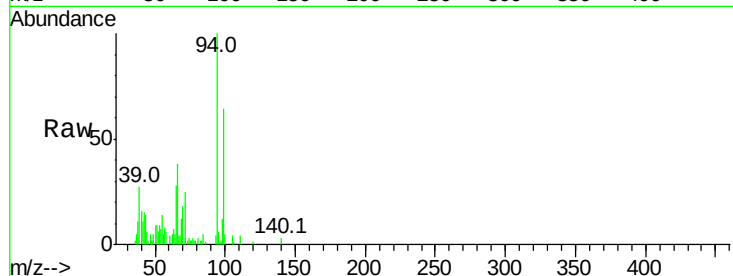
Tot Ion: 94 Resp: 22021

Ion Ratio Lower Upper

94 100

65 28.3 27.1 40.7

66 38.0 34.6 52.0



#14

Acetophenone

Concen: 1.072 ng/ul

RT: 8.99 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

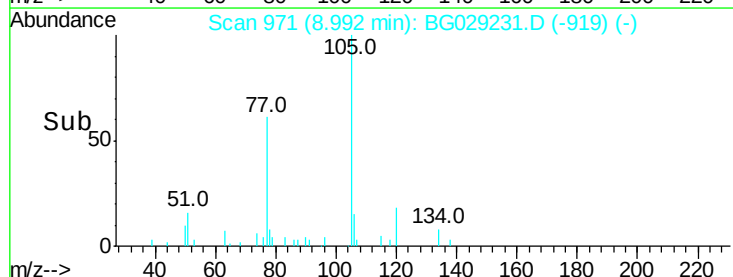
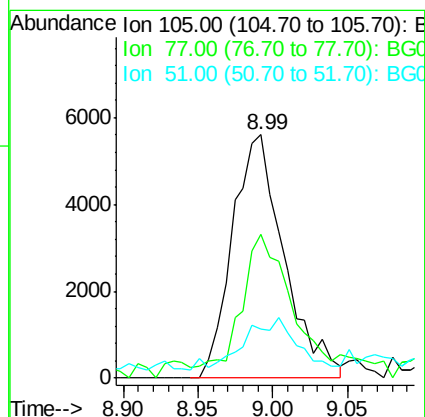
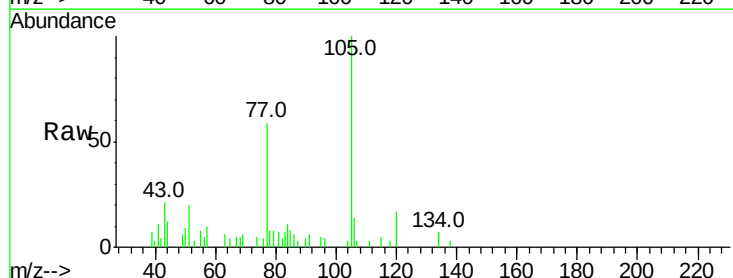
Tgt Ion: 105 Resp: 13494

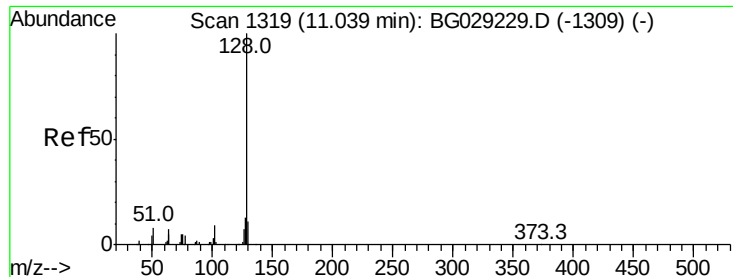
Ion Ratio Lower Upper

105 100

77 59.1 70.2 105.2#

51 20.1 24.6 36.8#





#28

Naphthalene

Concen: 18.051 ng/ul

RT: 11.04 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Instrument :

BNA_G

ClientSampleId :

C0AF8

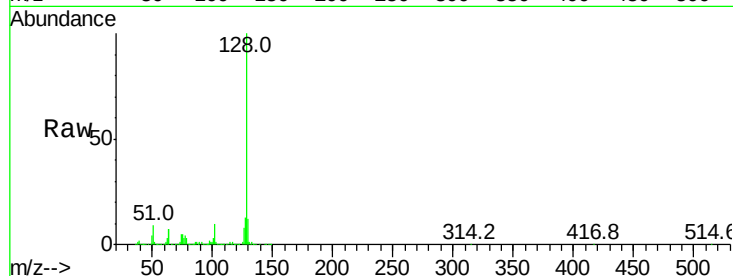
Tot Ion:128 Resp: 439385

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

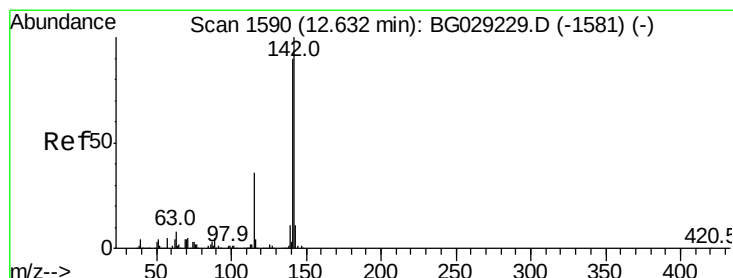
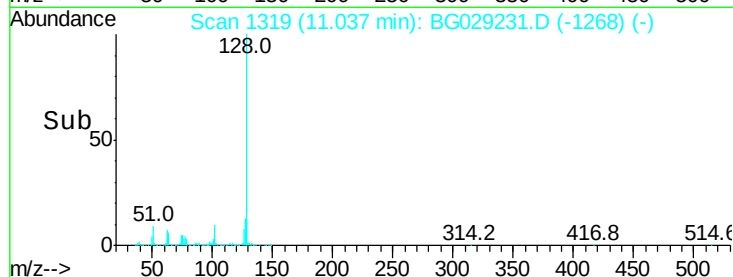
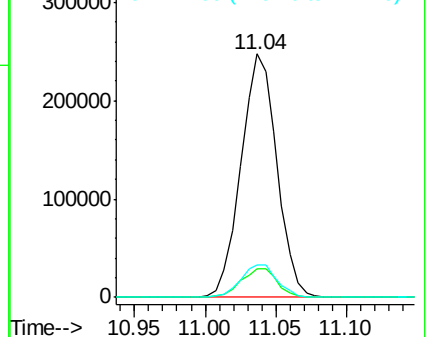
127 13.1 10.7 16.1



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: 28.586 ng/ul

RT: 12.63 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BG029231.D

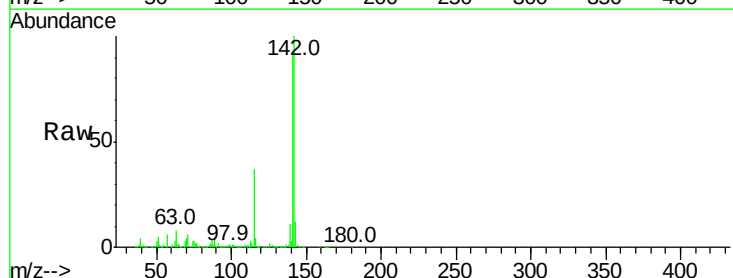
Acq: 14 Oct 2017 20:13

Tgt Ion:142 Resp: 576010

Ion Ratio Lower Upper

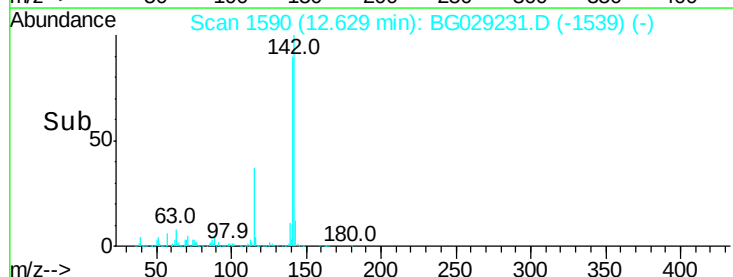
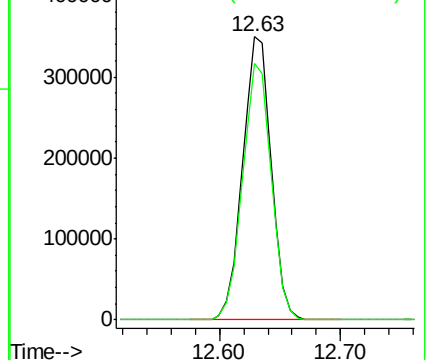
142 100

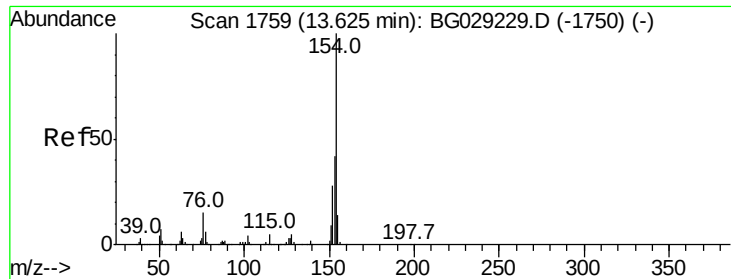
141 90.6 75.4 113.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

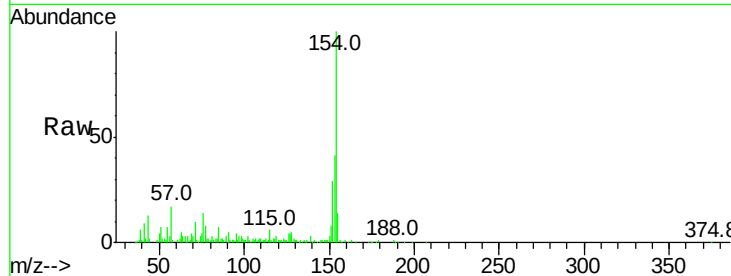




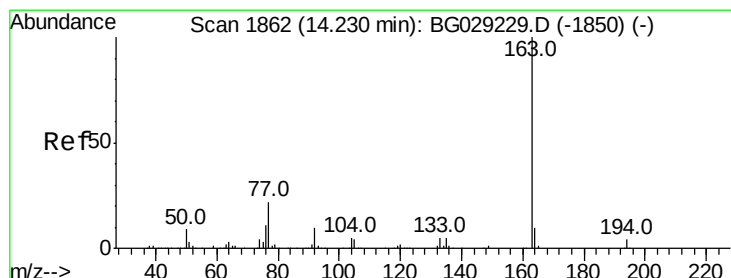
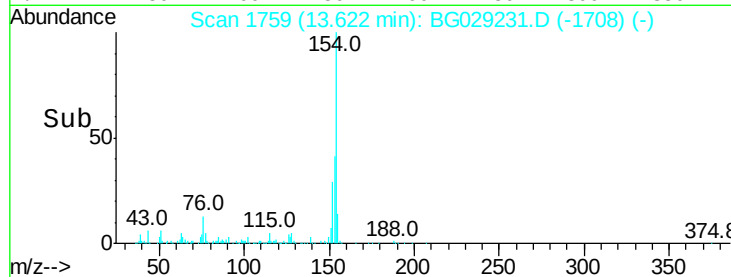
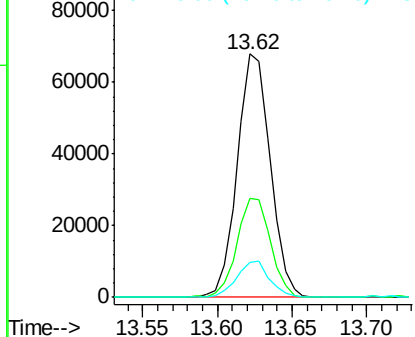
#40
 1,1'-Biphenyl
 Concen: 5.029 ng/ul
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG029231.D
 Acq: 14 Oct 2017 20:13

Instrument :
 BNA_G
 ClientSampleId :
 C0AF8

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	34.6	52.0
76	14.3	10.6	15.8

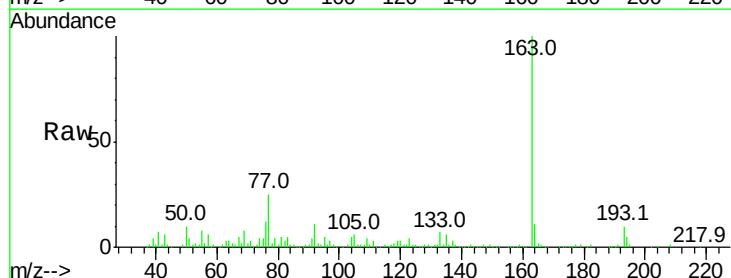


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

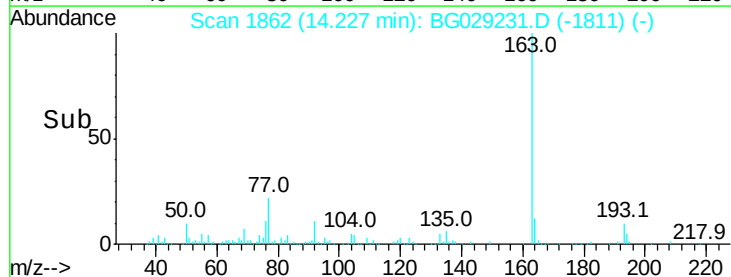
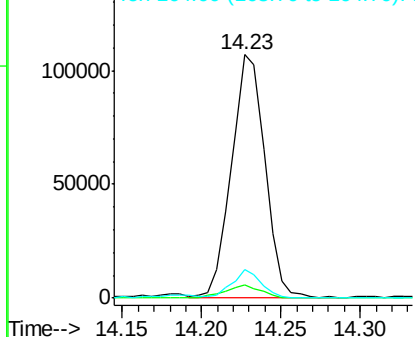


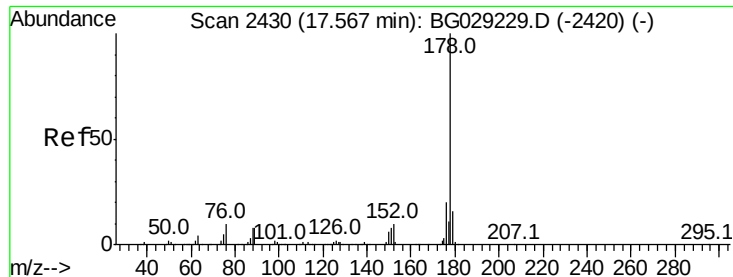
#44
 Dimethylphthalate
 Concen: 7.356 ng/ul
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BG029231.D
 Acq: 14 Oct 2017 20:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	11.5	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: 3.680 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Instrument :

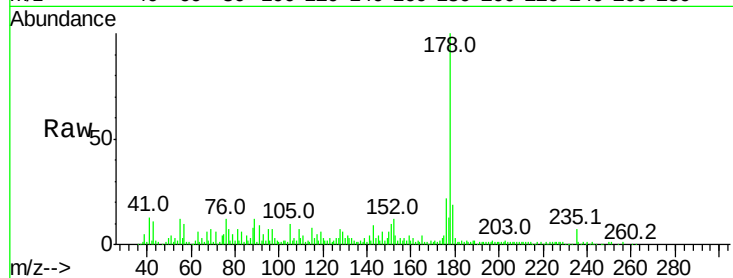
BNA_G

ClientSampleId :

C0AF8

Tot Ion:178 Resp: 102030

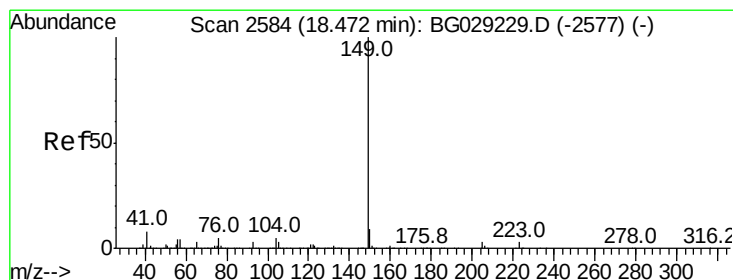
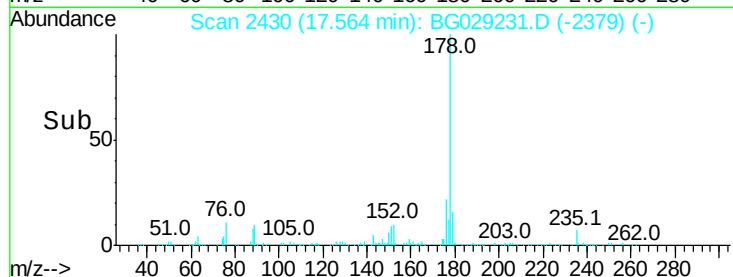
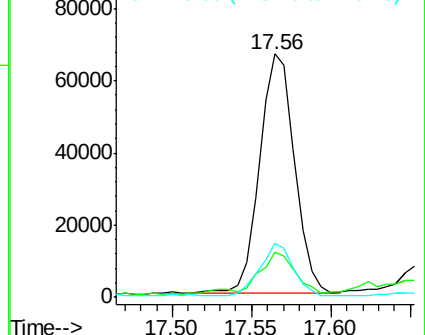
Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.0	19.6
176	22.3	15.3	22.9



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



#73

Di-n-butylphthalate

Concen: 1.304 ng/ul

RT: 18.47 min Scan# 2584

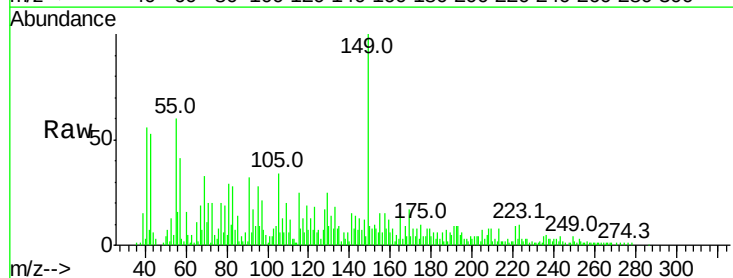
Delta R.T. -0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Tgt Ion:149 Resp: 40280

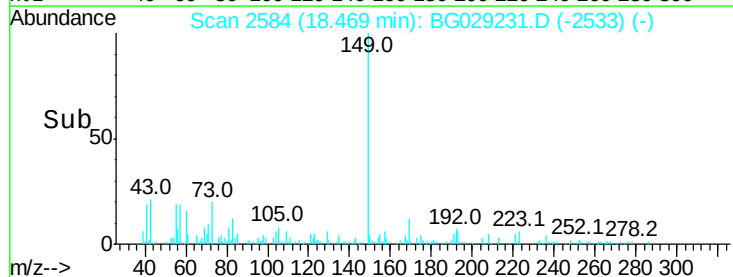
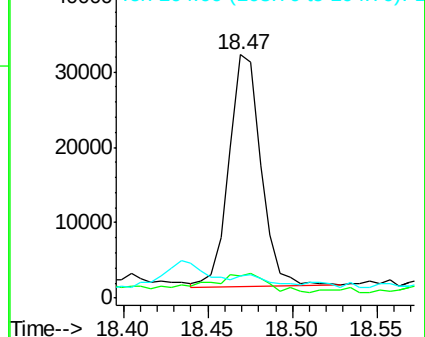
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	9.4	4.6	7.0

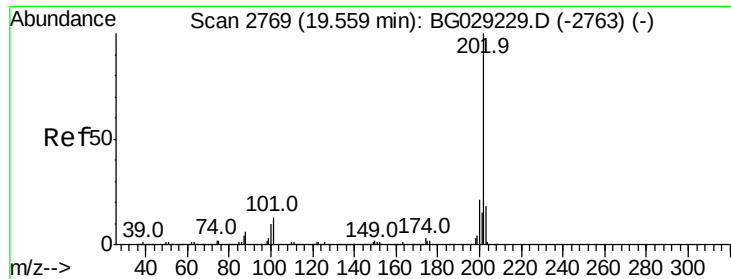


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.715 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Instrument :

BNA_G

ClientSampleId :

C0AF8

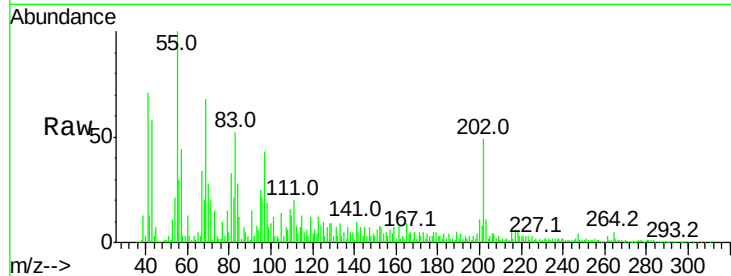
Tot Ion:202 Resp: 84124

Ion Ratio Lower Upper

202 100

101 23.7 7.4 11.2#

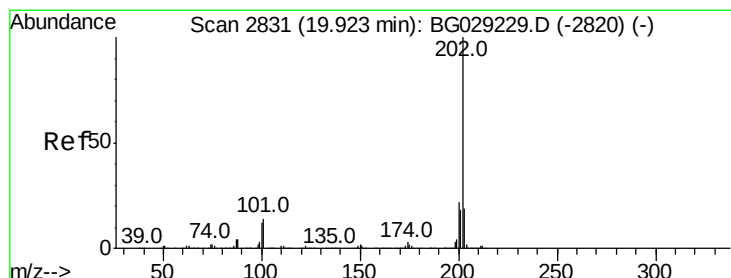
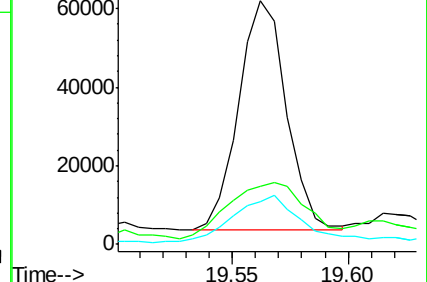
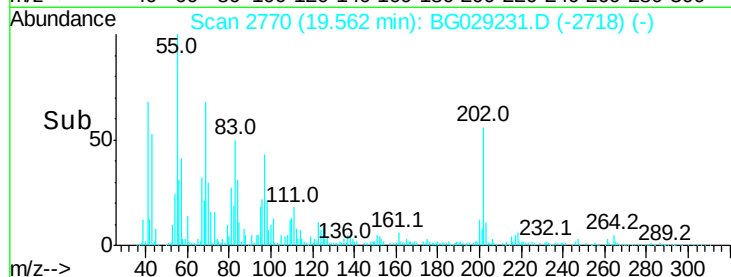
100 17.5 5.6 8.4#



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: 2.907 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

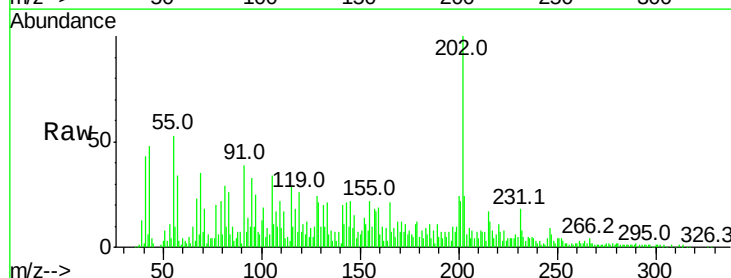
Tgt Ion:202 Resp: 85053

Ion Ratio Lower Upper

202 100

101 19.4 8.4 12.6#

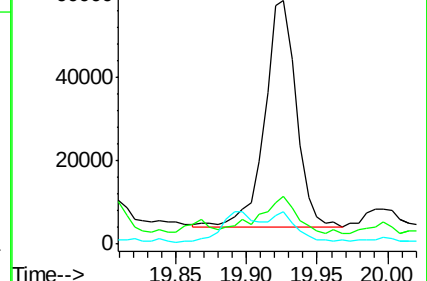
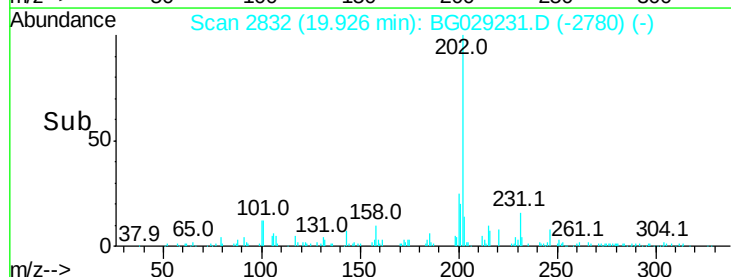
100 13.1 7.0 10.6#

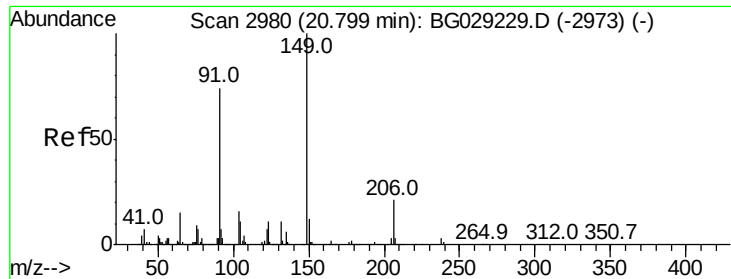


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 12.578 ng/ul

RT: 20.80 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Instrument :

BNA_G

ClientSampleId :

C0AF8

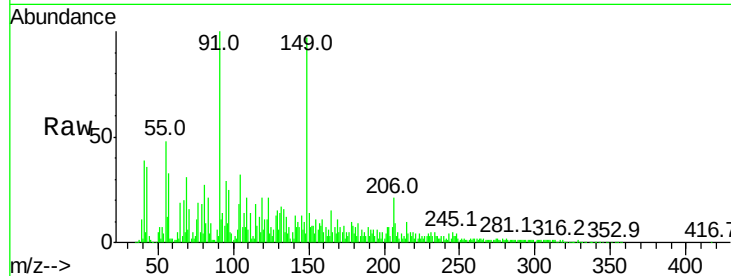
Tot Ion:149 Resp: 149210

Ion Ratio Lower Upper

149 100

91 102.9 61.3 91.9#

206 22.0 19.5 29.3

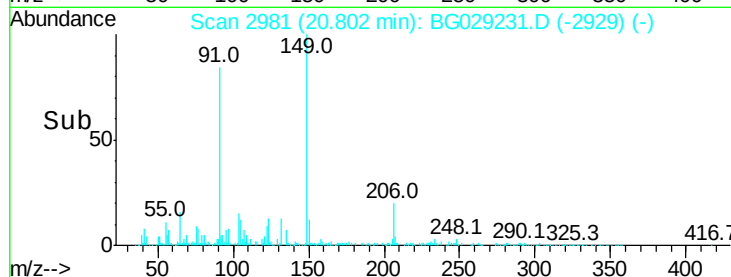


Abundance Ion 149.00 (148.70 to 149.70): E

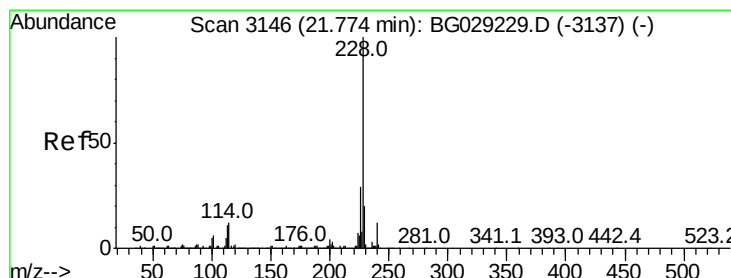
Ion 91.00 (90.70 to 91.70): BG029229.D (-2973) (-)

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 1.575 ng/ul

RT: 21.78 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

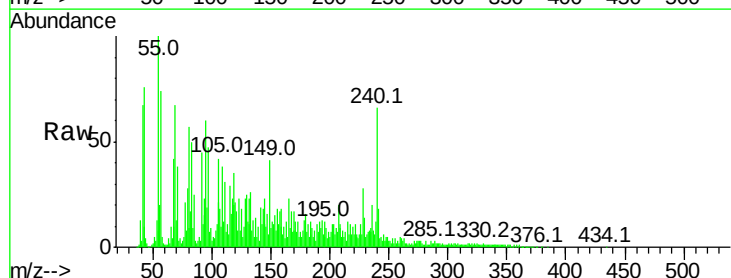
Tgt Ion:228 Resp: 43089

Ion Ratio Lower Upper

228 100

229 49.6 16.2 24.4#

226 39.4 22.2 33.2#

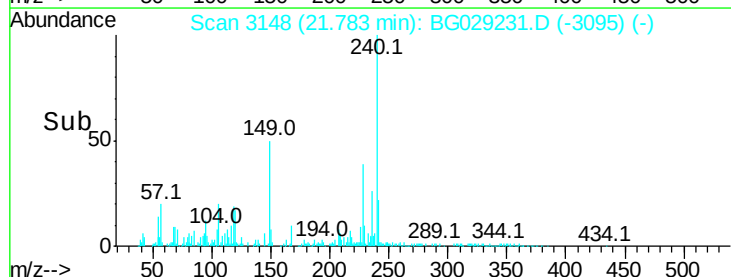


Abundance Ion 228.00 (227.70 to 228.70): E

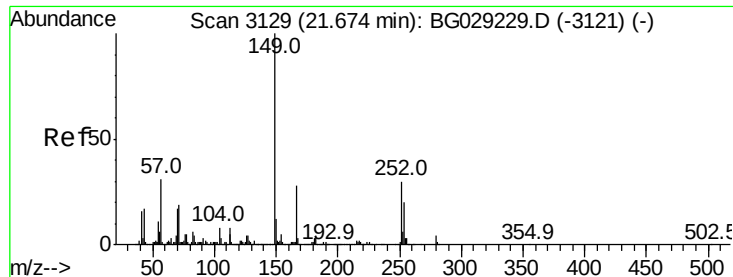
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 25.564 ng/ul

RT: 21.68 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

Instrument :

BNA_G

ClientSampleId :

C0AF8

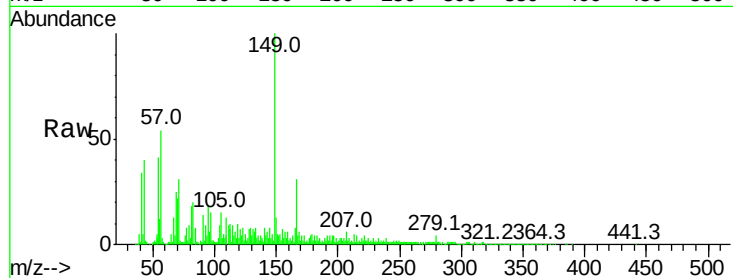
Tot Ion:149 Resp: 439483

Ion Ratio Lower Upper

149 100

167 31.4 23.2 34.8

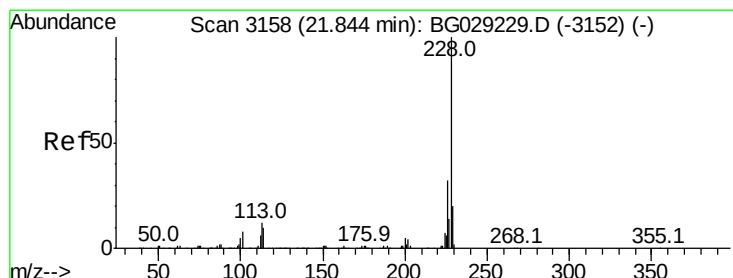
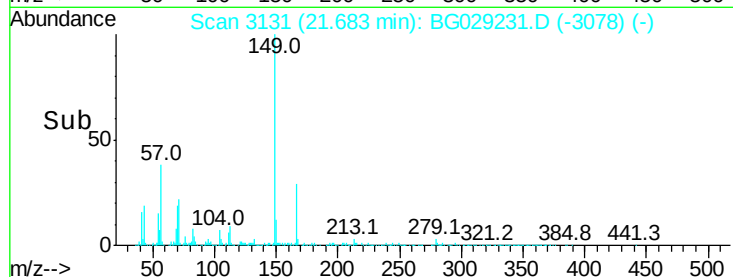
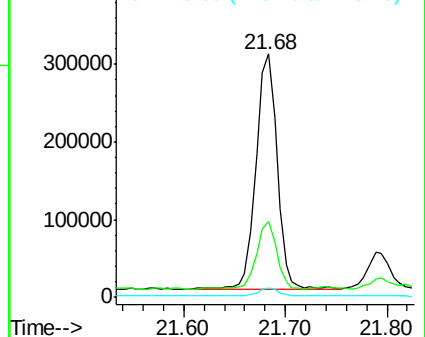
279 3.9 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1.835 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029231.D

Acq: 14 Oct 2017 20:13

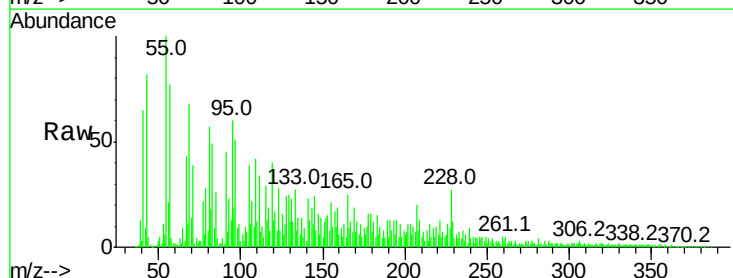
Tgt Ion:228 Resp: 45613

Ion Ratio Lower Upper

228 100

226 42.8 24.2 36.2#

229 43.4 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

