

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019347.D
 Acq On : 24 Oct 2015 22:16
 Operator : UM/NP
 Sample : G4075-02MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8MS

Quant Time: Oct 25 03:31:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 25 03:28:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	79372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	313961	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	242128	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	668964	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	812479	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	792782	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7158	5.01	ng/uL	0.00
5) Phenol-d5	7.38	99	205254	29.39	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	125943	30.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	127518	28.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	162387	29.82	ng/ul	0.01
19) Nitrobenzene-d5	9.41	128	67080	28.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	81790	30.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	166581	28.05	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	169366	28.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	557214	27.76	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	621009	27.95	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	91293	27.97	ng/ul	0.02
58) Fluorene-d10	15.85	176	499095	26.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	112902	25.64	ng/ul	0.00
71) Anthracene-d10	17.70	188	817259	26.68	ng/ul	0.00
79) Pyrene-d10	19.97	212	956151	26.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	1076060	26.61	ng/ul	0.00

Target Compounds

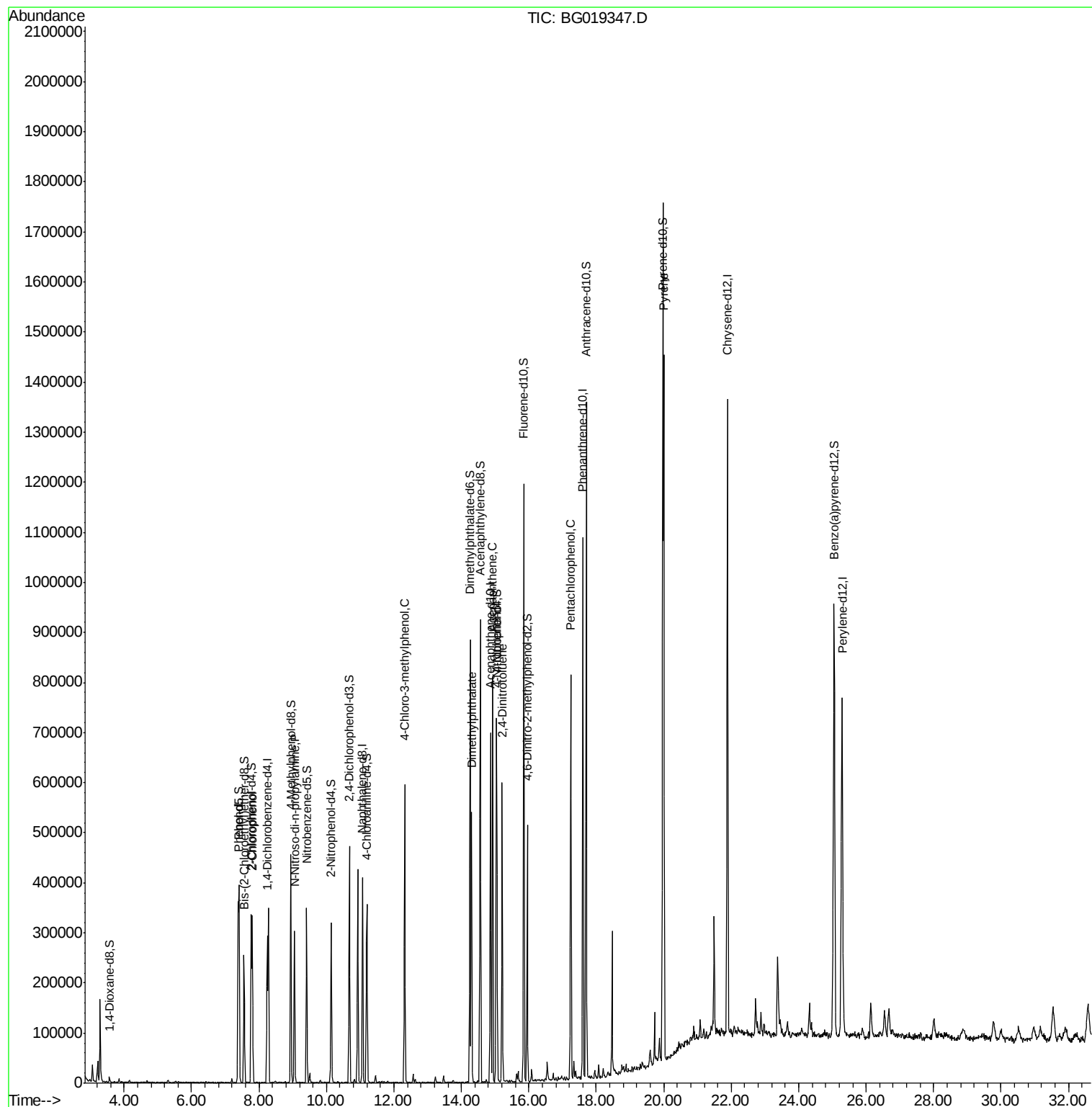
						Ovalue
6) Phenol	7.41	94	203331	27.70	ng/ul	97
10) 2-Chlorophenol	7.80	128	120943	26.39	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.05	70	150706	26.80	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.31	107	205093	27.53	ng/ul#	95
45) Dimethylphthalate	14.31	163	317398	15.83	ng/ul#	97
50) Acenaphthene	14.93	153	335732	22.29	ng/ul	99
53) 4-Nitrophenol	15.05	109	125516	23.31	ng/ul#	76
55) 2,4-Dinitrotoluene	15.21	165	161301	26.02	ng/ul#	82
69) Pentachlorophenol	17.24	266	147176	24.03	ng/ul	92
80) Pyrene	20.00	202	876087	19.24	ng/ul#	94

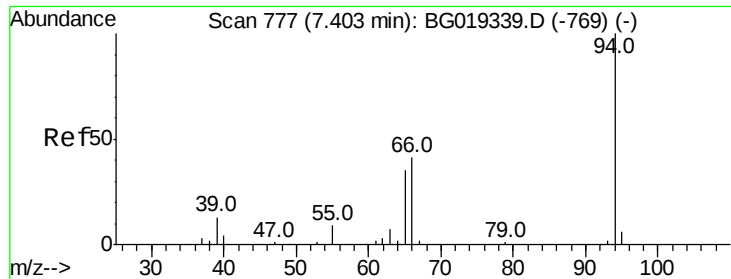
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 27.70 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

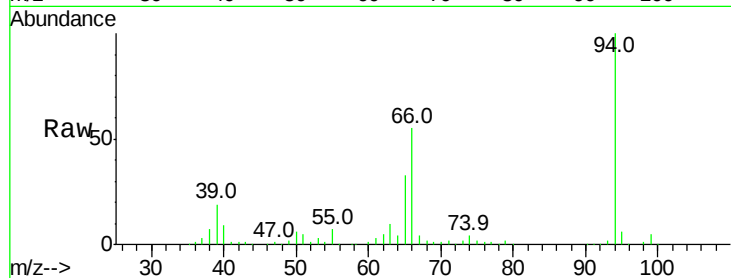
Tot Ion: 94 Resp: 203331

Ion Ratio Lower Upper

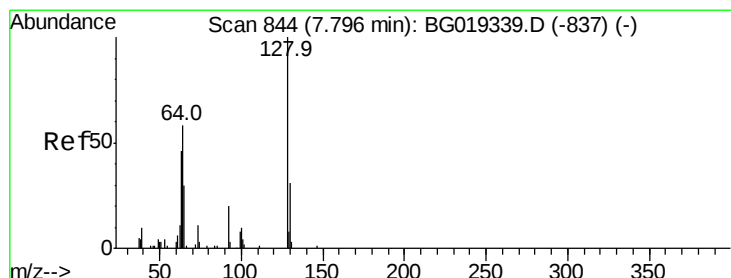
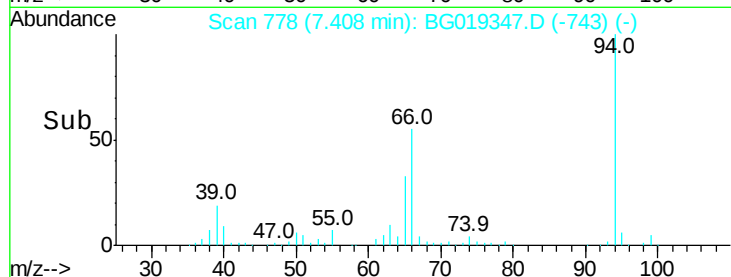
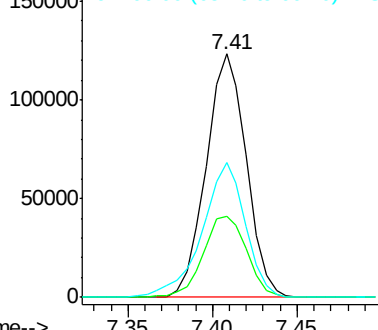
94 100

65 33.3 29.3 43.9

66 55.4 45.0 67.6



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



#10

2-Chlorophenol

Concen: 26.39 ng/ul

RT: 7.80 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

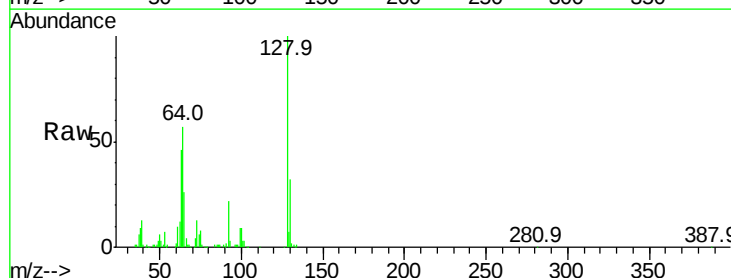
Tgt Ion:128 Resp: 120943

Ion Ratio Lower Upper

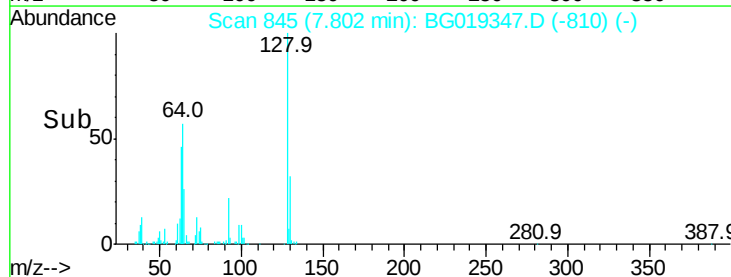
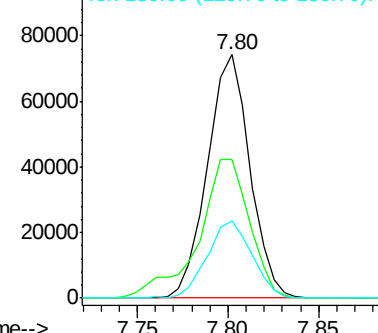
128 100

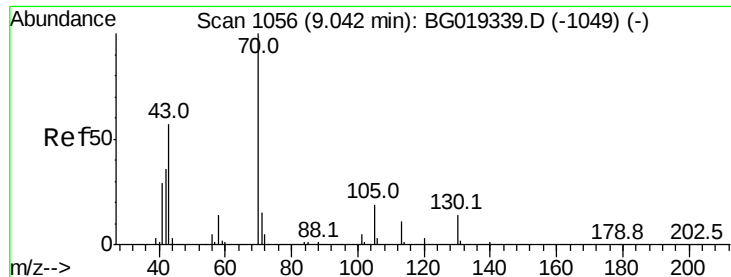
64 57.2 53.2 79.8

130 31.6 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 26.80 ng/ul

RT: 9.05 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

Tot Ion: 70 Resp: 150706

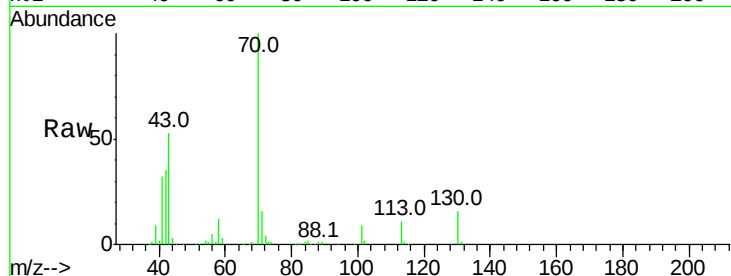
Ion Ratio Lower Upper

70 100

42 35.1 36.6 55.0#

101 9.1 5.8 8.8#

130 15.6 14.6 22.0

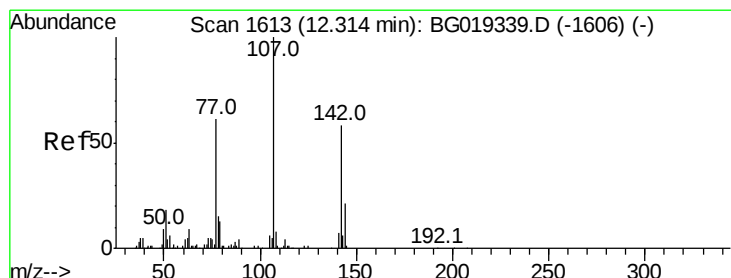
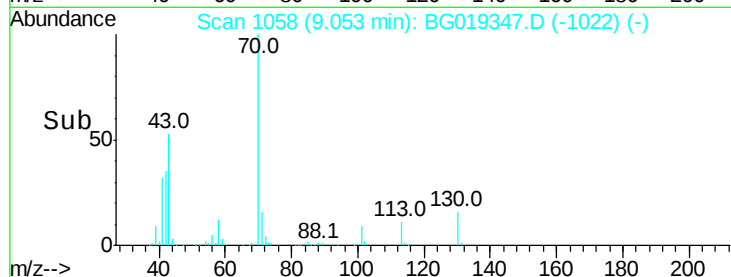
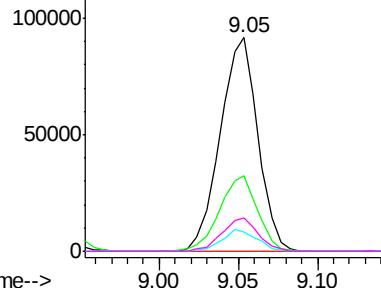


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 27.53 ng/ul

RT: 12.31 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

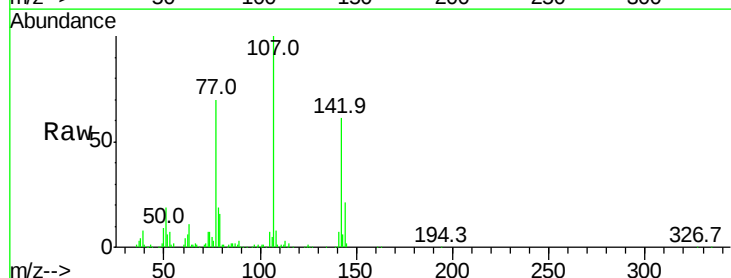
Tgt Ion: 107 Resp: 205093

Ion Ratio Lower Upper

107 100

144 21.3 13.0 19.6#

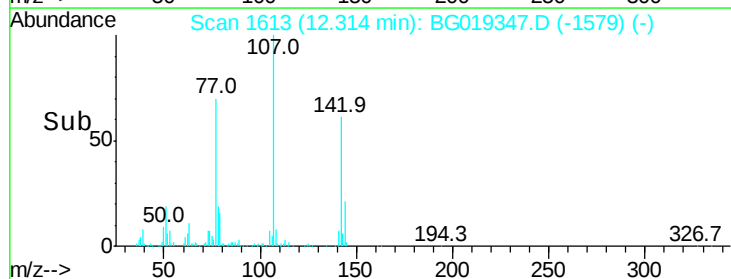
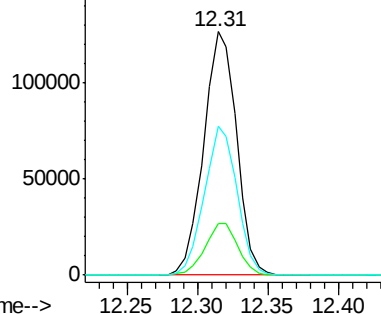
142 61.0 47.0 70.6

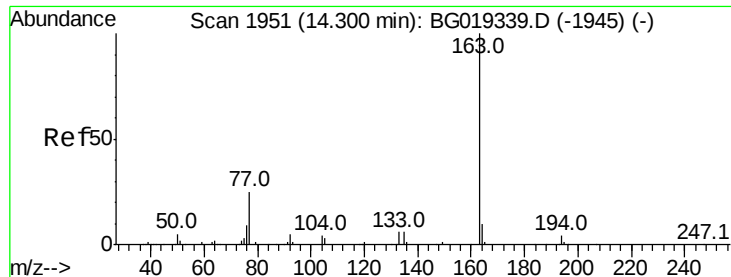


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC

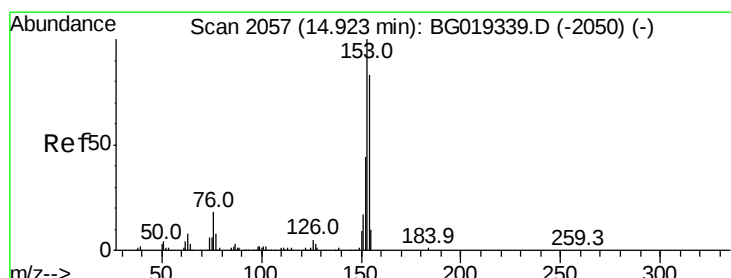
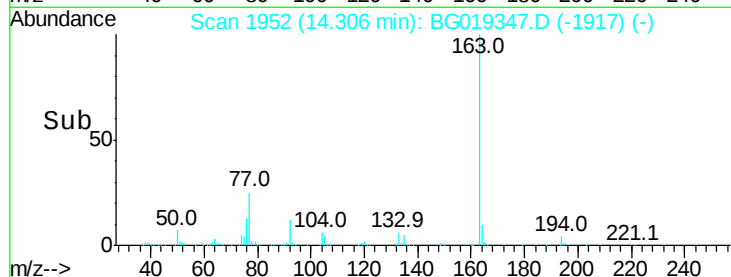
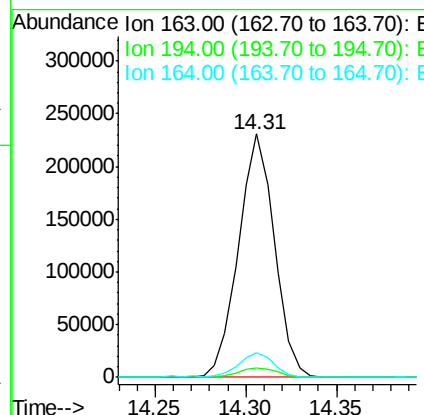
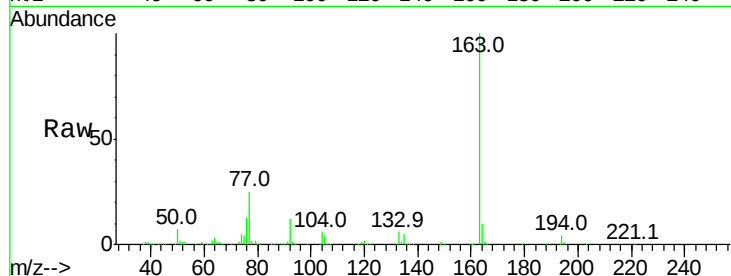




#45
Dimethylphthalate
Concen: 15.83 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG019347.D
Acq: 24 Oct 2015 22:16

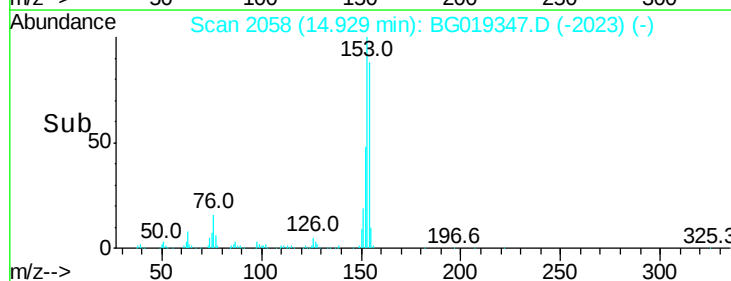
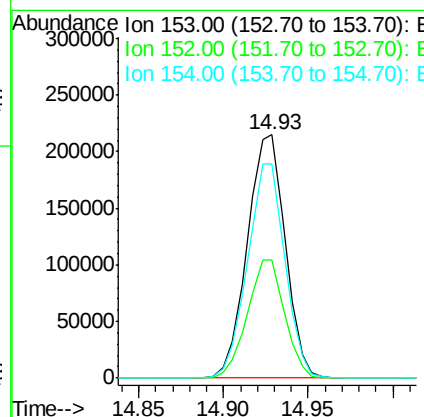
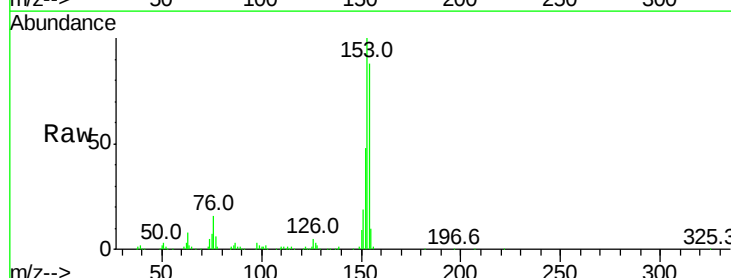
Instrument :
BNA_G
ClientSampleId :
JG9H8MS

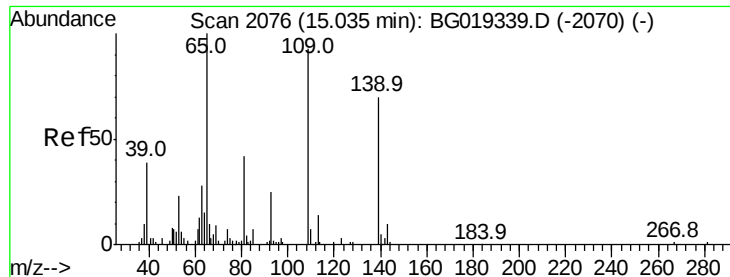
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.3	6.5#
164	10.0	7.5	11.3



#50
Acenaphthene
Concen: 22.29 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG019347.D
Acq: 24 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.8	58.2
154	87.8	71.5	107.3





#53

4-Nitrophenol

Concen: 23.31 ng/ul

RT: 15.05 min Scan# 2079

Delta R.T. 0.02 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

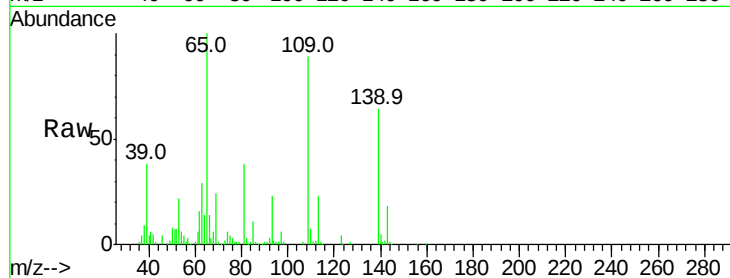
Tot Ion:109 Resp: 125516

Ion Ratio Lower Upper

109 100

139 71.9 41.5 62.3#

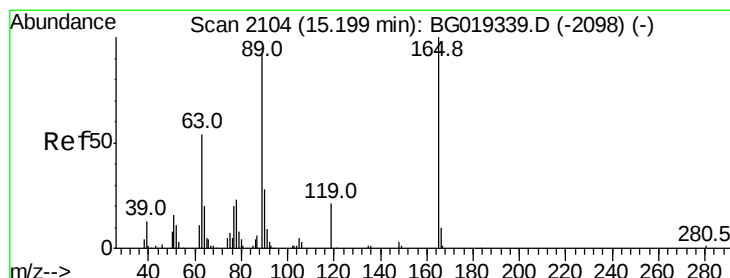
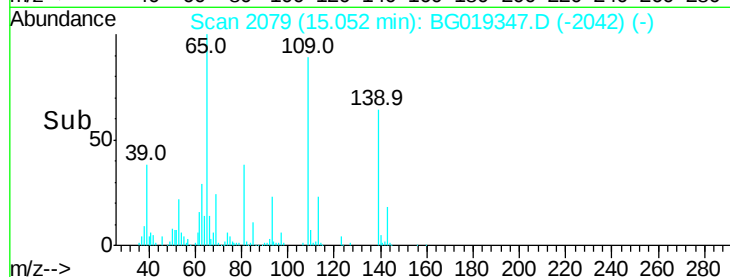
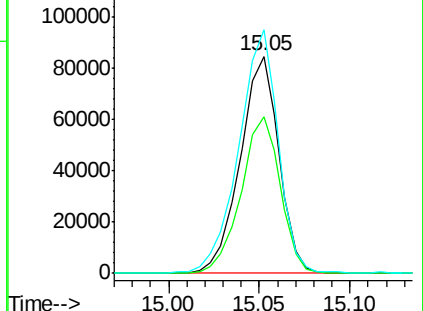
65 112.3 73.7 110.5#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#55

2,4-Dinitrotoluene

Concen: 26.02 ng/ul

RT: 15.21 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

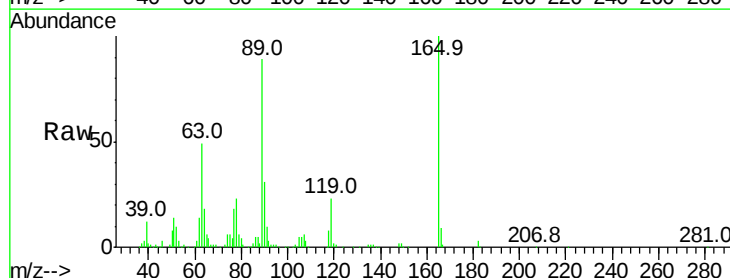
Tgt Ion:165 Resp: 161301

Ion Ratio Lower Upper

165 100

63 49.5 51.1 76.7#

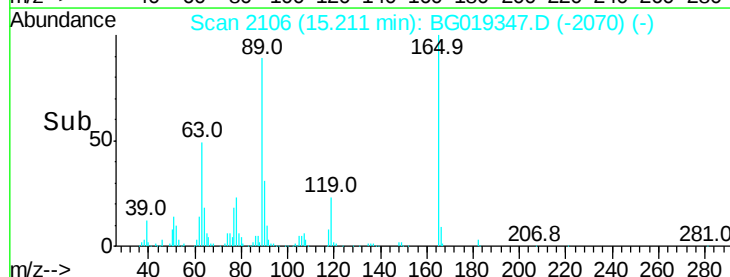
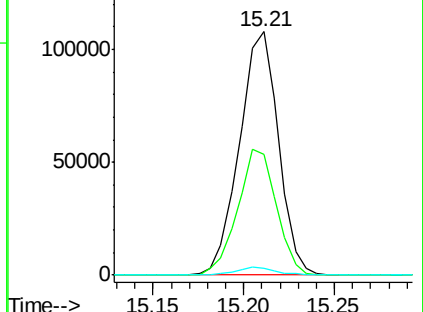
182 2.9 3.3 4.9#

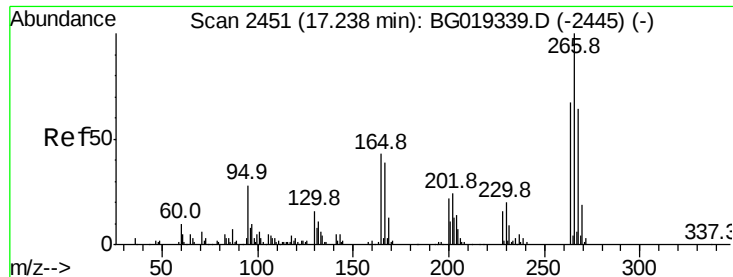


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 24.03 ng/ul

RT: 17.24 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

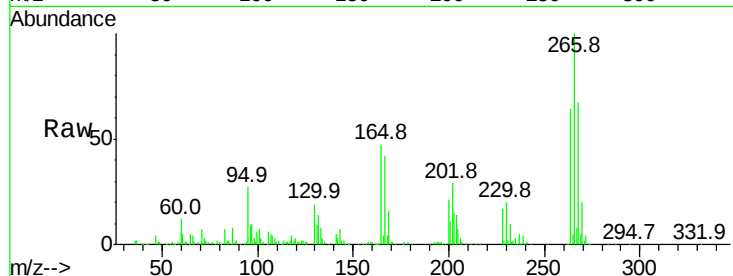
Tot Ion:266 Resp: 147176

Ion Ratio Lower Upper

266 100

264 63.7 49.5 74.3

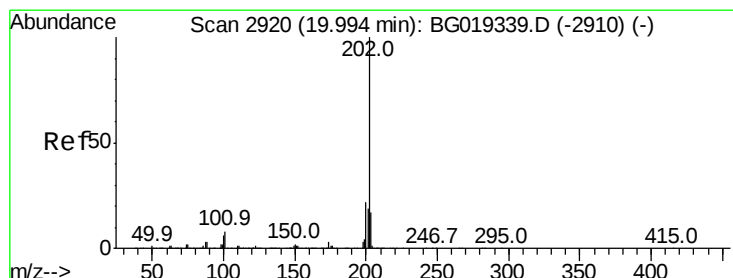
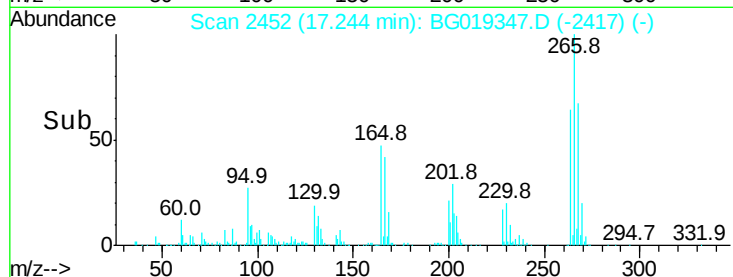
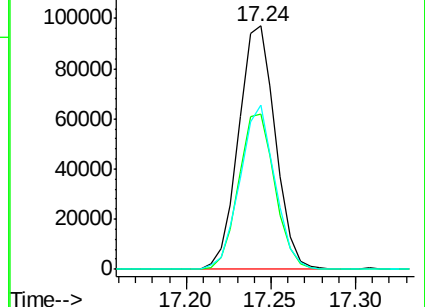
268 72.1 48.7 73.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 19.24 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BG019347.D

Acq: 24 Oct 2015 22:16

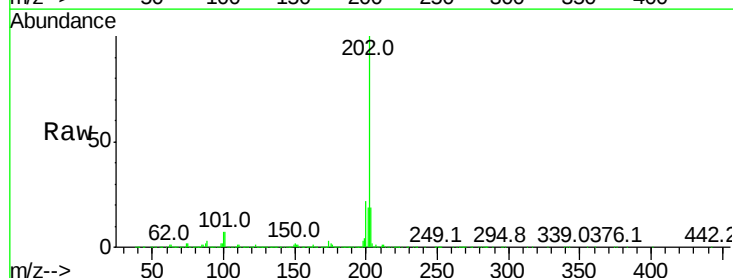
Tgt Ion:202 Resp: 876087

Ion Ratio Lower Upper

202 100

101 7.4 4.3 6.5#

100 6.6 3.6 5.4#



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): E

