

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

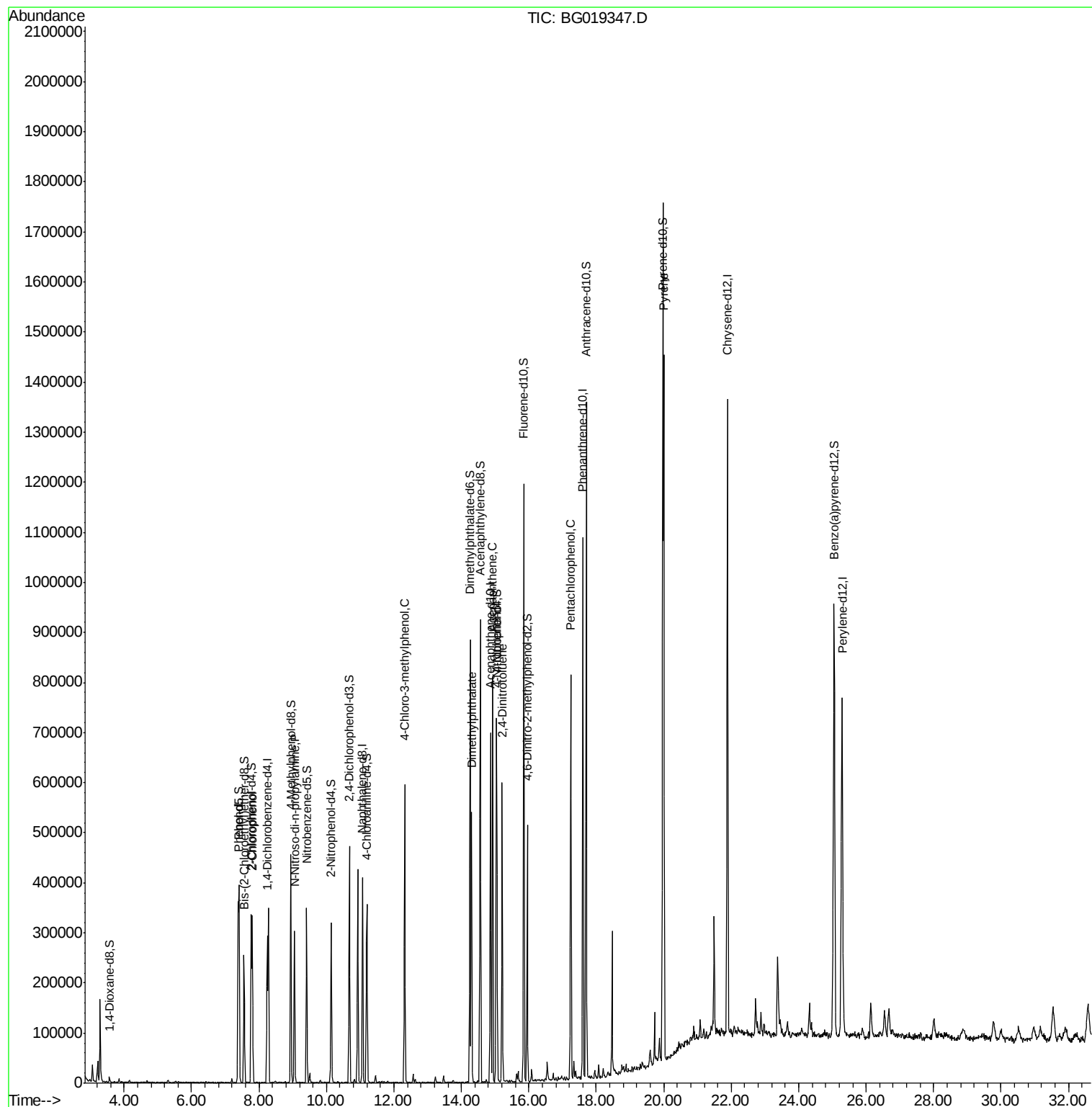
						Qvalue
6) Phenol	7.41	94	203331	27.70	ng/ul	97
10) 2-Chlorophenol	7.80	128	120943	26.39	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.05	70	150706	26.80	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.31	107	205093	27.53	ng/ul#	95
45) Dimethylphthalate	14.31	163	317398	15.83	ng/ul#	97
50) Acenaphthene	14.93	153	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

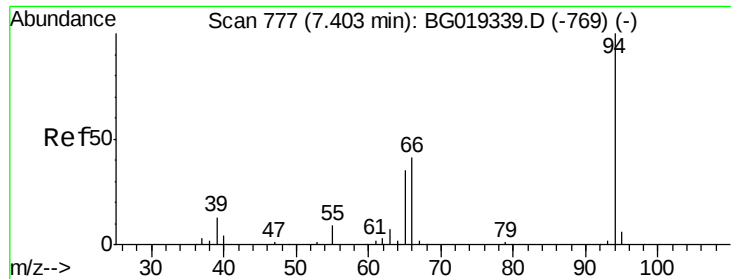
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

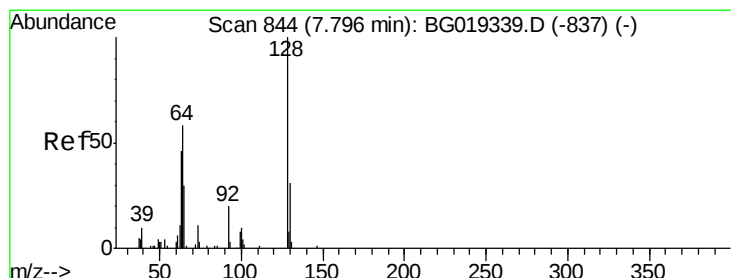
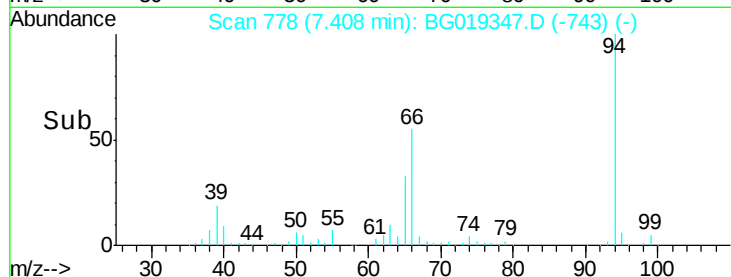
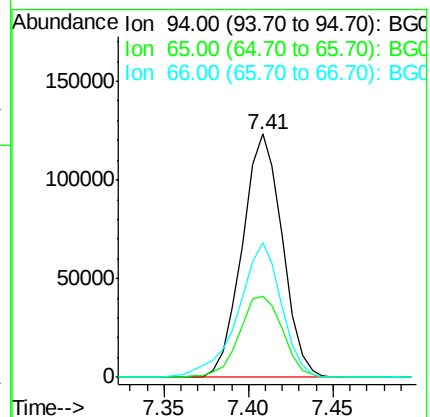
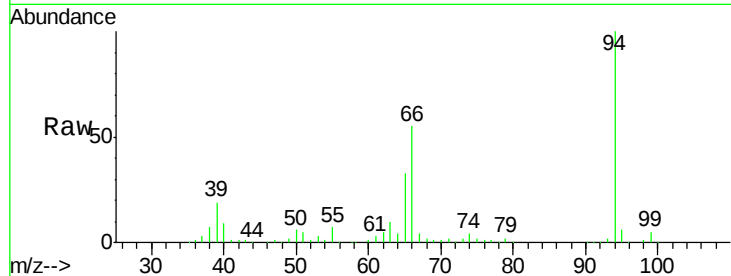
Tgt Ion: 94 Resp: 203331

Ion Ratio Lower Upper

94 100

65 33.3 29.3 43.9

66 55.4 45.0 67.6



#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

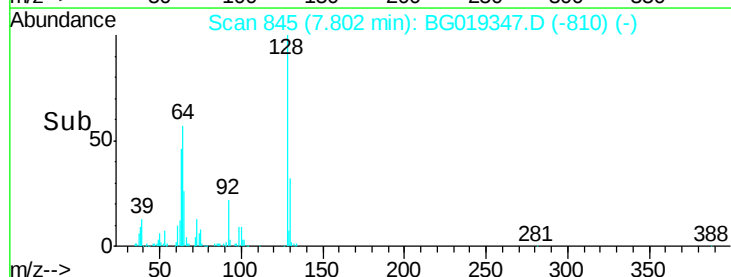
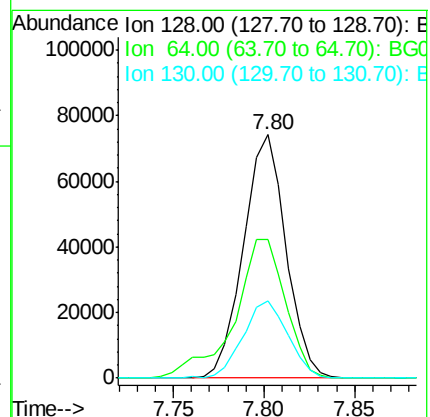
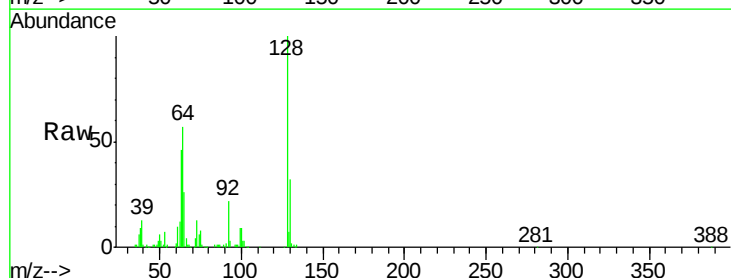
Tgt Ion: 128 Resp: 120943

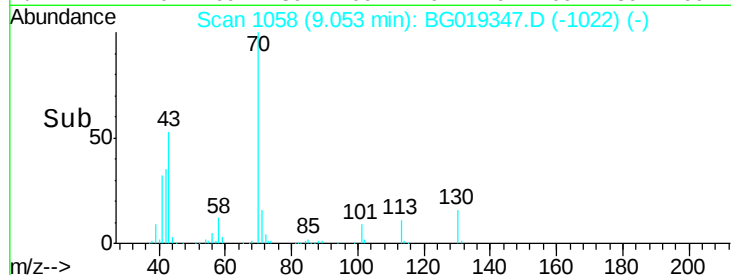
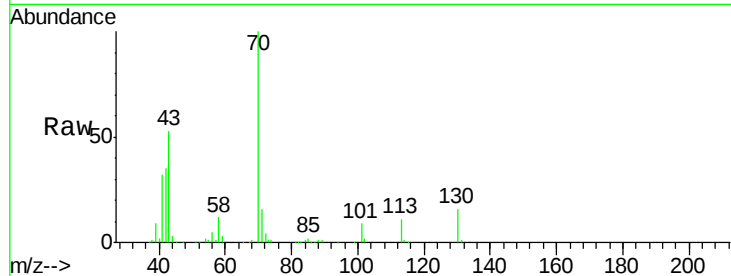
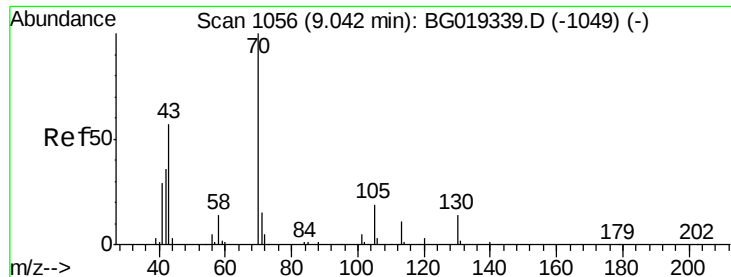
Ion Ratio Lower Upper

128 100

64 57.2 53.2 79.8

130 31.6 25.9 38.9

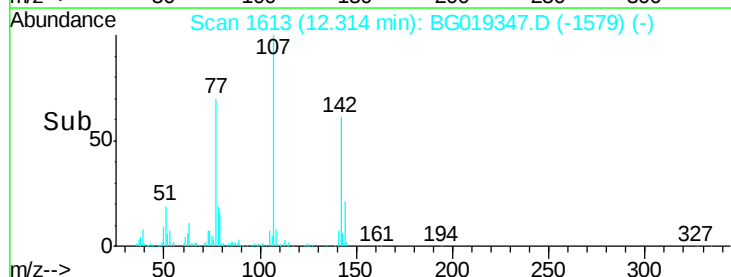
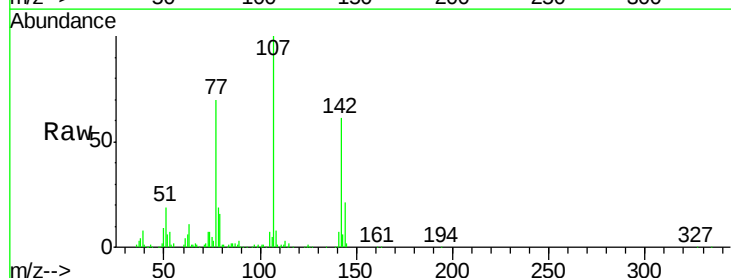
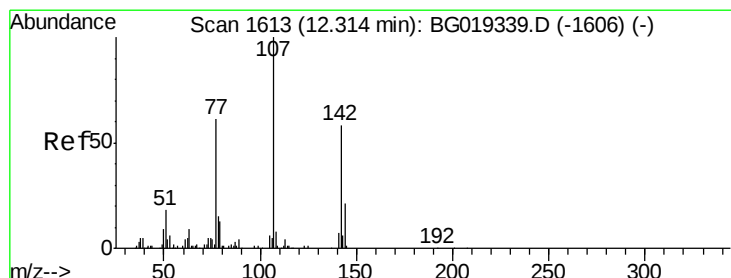
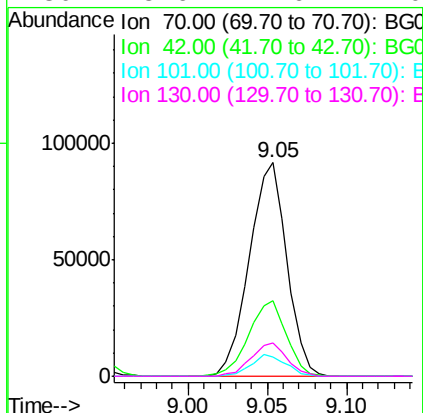




#15
N-Nitroso-di-n-propylamine
Concen: 26.80 ng/ul
RT: 9.05 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BG019347.D
Acq: 24 Oct 2015 22:16

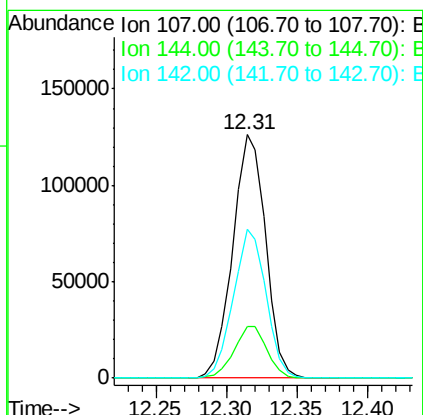
Instrument :
BNA_G
ClientSampleId :
JG9H8MS

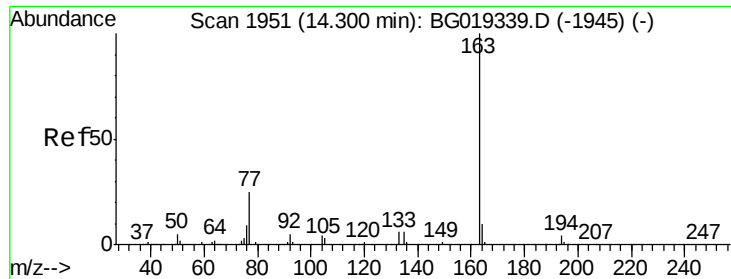
Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.1	36.6	55.0#
101	9.1	5.8	8.8#
130	15.6	14.6	22.0



#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	Ratio	Lower	Upper
107	100		
144	21.3	13.0	19.6#
142	61.0	47.0	70.6





#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

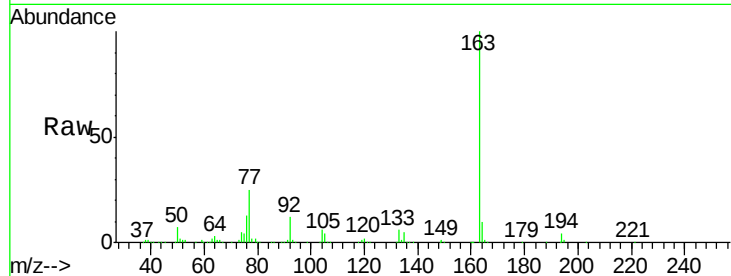
Tgt Ion:163 Resp: 317398

Ion Ratio Lower Upper

163 100

194 4.0 4.3 6.5#

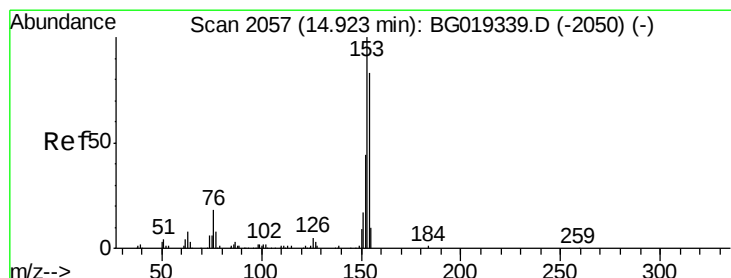
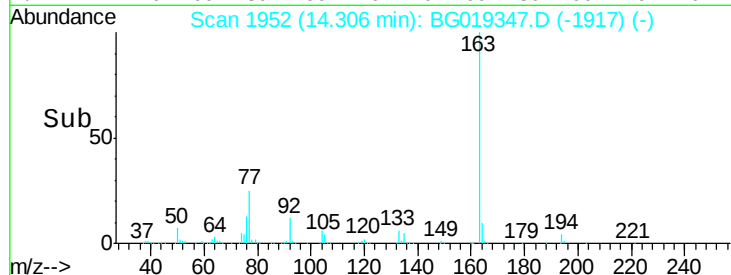
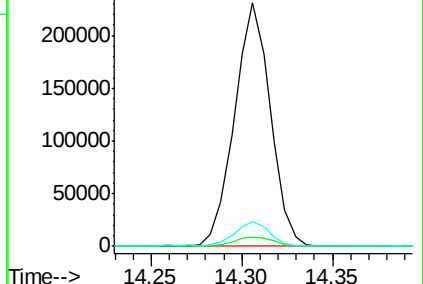
164 10.0 7.5 11.3



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



#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

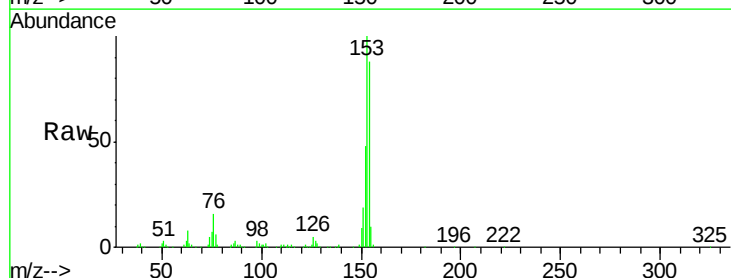
Tgt Ion:153 Resp: 335732

Ion Ratio Lower Upper

153 100

152 48.4 38.8 58.2

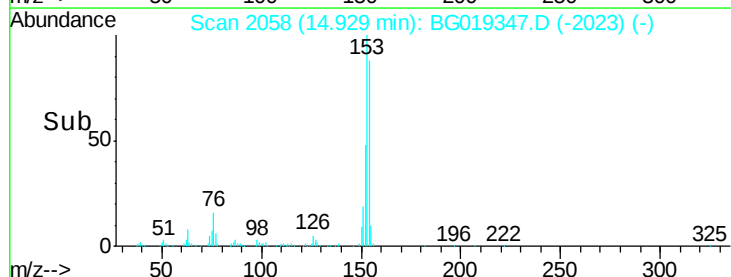
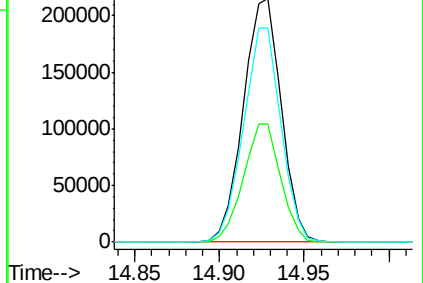
154 87.8 71.5 107.3

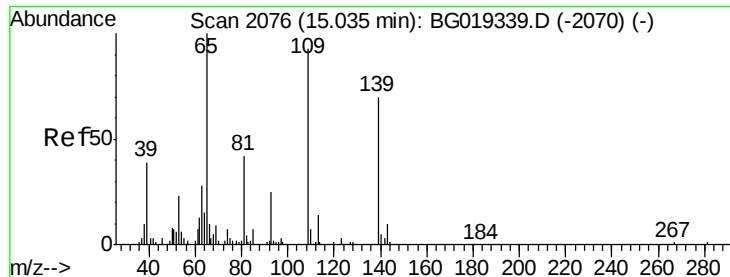


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#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

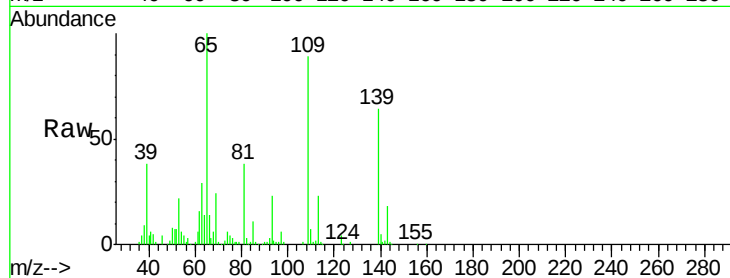
Tgt Ion:109 Resp: 125516

Ion Ratio Lower Upper

109 100

139 71.9 41.5 62.3#

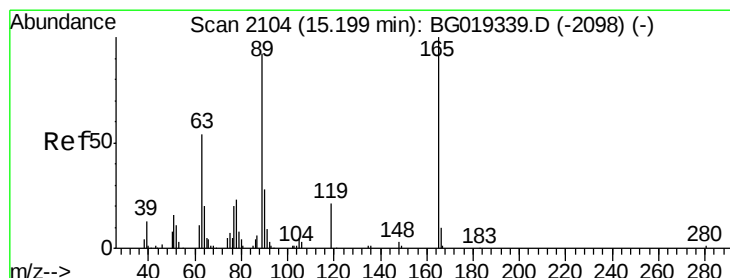
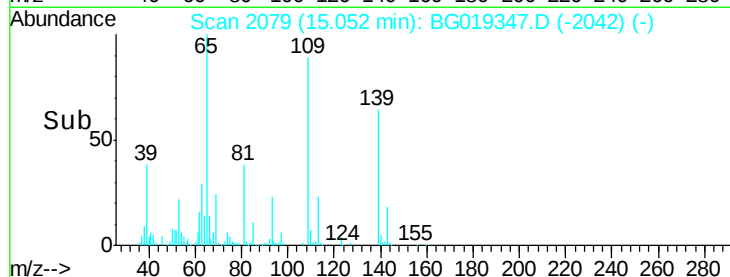
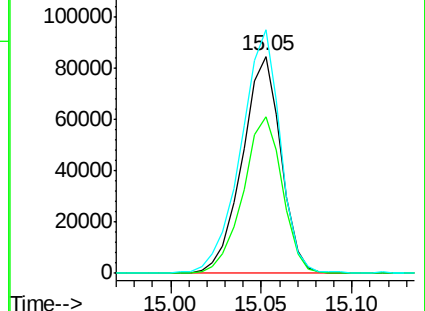
65 112.3 73.7 110.5#



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

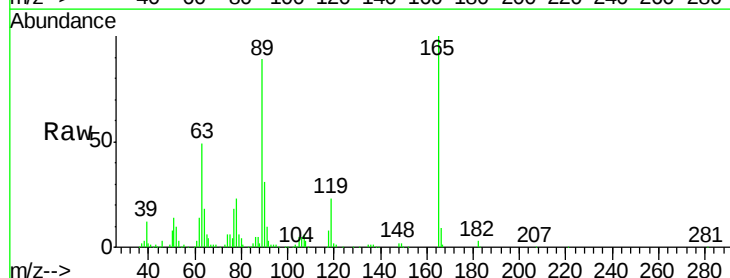
Tgt Ion:165 Resp: 161301

Ion Ratio Lower Upper

165 100

63 49.5 51.1 76.7#

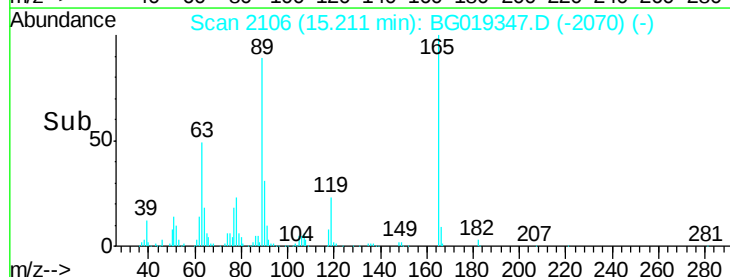
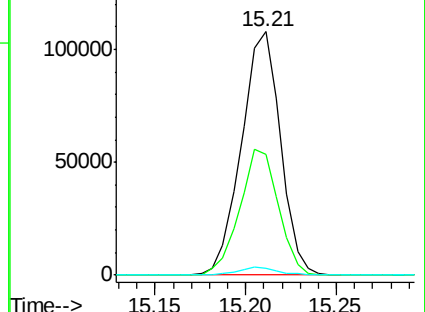
182 2.9 3.3 4.9#

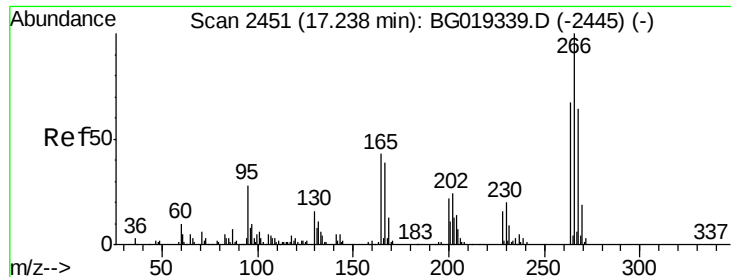


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

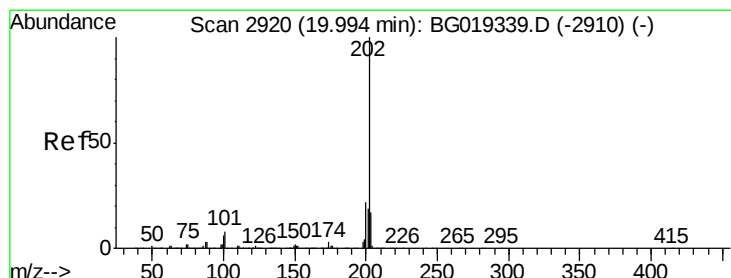
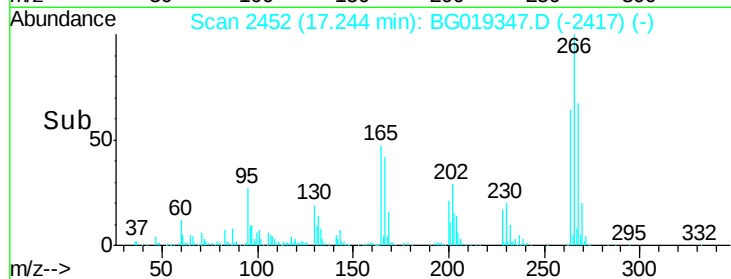
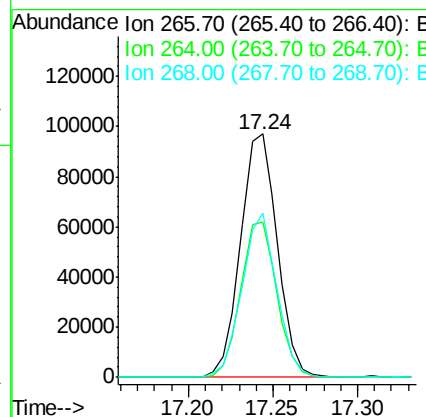
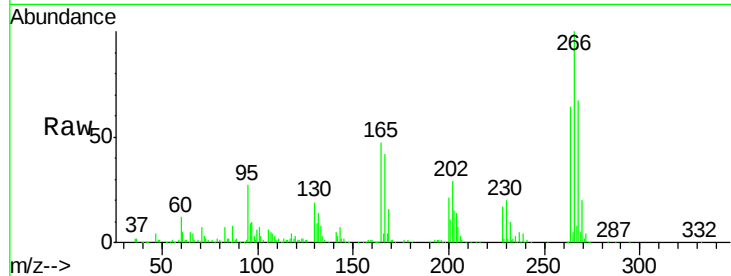




#69
 Pentachlorophenol
 Concen: 24.03 ng/ul
 RT: 17.24 min Scan# 2452
 Delta R.T. 0.01 min
 Lab File: BG019347.D
 Acq: 24 Oct 2015 22:16

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8MS

Tgt Ion:266 Resp: 147176
 Ion Ratio Lower Upper
 266 100
 264 63.7 49.5 74.3
 268 72.1 48.7 73.1



#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#

