

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102615\
 Data File : BG019364.D
 Acq On : 26 Oct 2015 17:52
 Operator : UM/NP
 Sample : G4075-03MSDRE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8MSD

Quant Time: Oct 27 03:10:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 27 04:07:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	31481	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	136073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	108100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	264107	20.00	ng/ul	0.01
78) Chrysene-d12	21.90	240	292431	20.00	ng/ul	0.01
86) Perylene-d12	25.31	264	290721	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	2969	5.24	ng/uL	0.00
5) Phenol-d5	7.40	99	96137	34.70	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	57442	34.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	61221	34.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	79307	36.72	ng/ul	0.02
19) Nitrobenzene-d5	9.41	128	32275	31.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	39396	33.38	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	88744	34.47	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	91953	35.96	ng/ul	0.01
44) Dimethylphthalate-d6	14.26	166	288600	32.20	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	332691	33.54	ng/ul	0.01
52) 4-Nitrophenol-d4	15.06	143	41892	28.74	ng/ul	0.02
58) Fluorene-d10	15.86	176	256019	30.45	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.96	200	32896	18.92	ng/ul	0.00
71) Anthracene-d10	17.71	188	399566	33.04	ng/ul	0.01
79) Pyrene-d10	19.98	212	417852	32.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	496052	33.45	ng/ul	0.02

Target Compounds

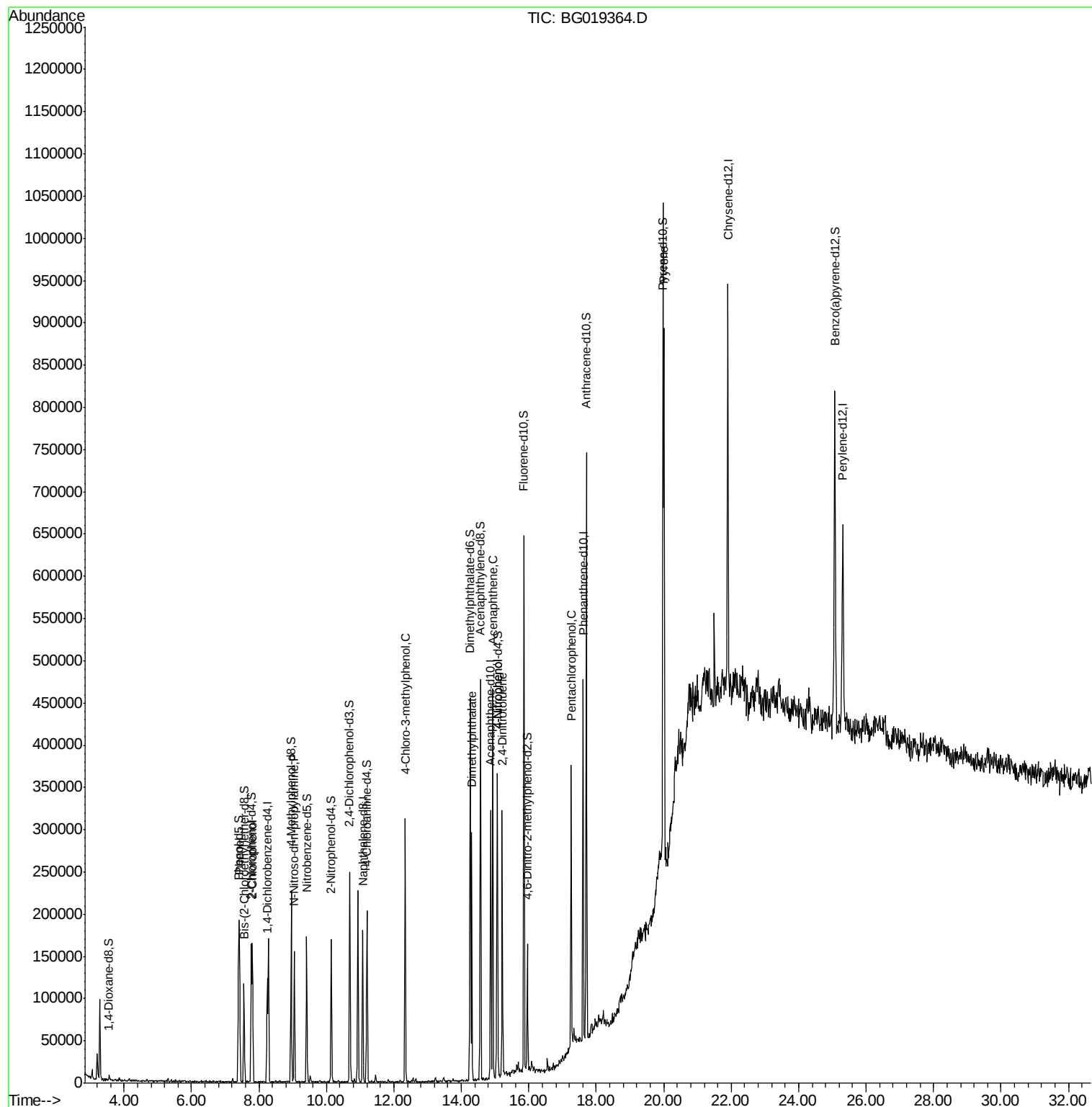
						Qvalue
6) Phenol	7.42	94	98274	33.76	ng/ul	97
10) 2-Chlorophenol	7.81	128	61939	34.07	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.05	70	72854	32.67	ng/ul#	91
33) 4-Chloro-3-methylphenol	12.33	107	109777	34.00	ng/ul	99
45) Dimethylphthalate	14.31	163	170326	19.03	ng/ul	98
50) Acenaphthene	14.93	153	188502	28.03	ng/ul	98
53) 4-Nitrophenol	15.07	109	61559	25.61	ng/ul#	78
55) 2,4-Dinitrotoluene	15.21	165	81393	29.40	ng/ul#	87
69) Pentachlorophenol	17.25	266	62278	25.76	ng/ul	99
80) Pyrene	20.01	202	398984	24.34	ng/ul	99

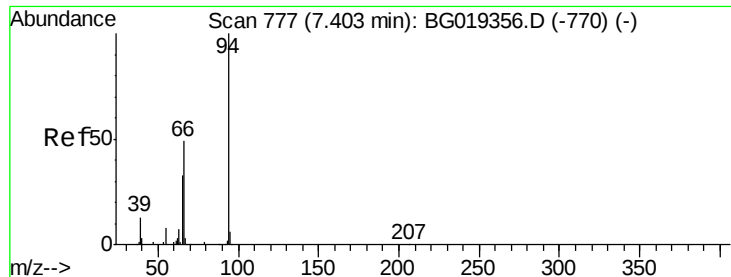
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 33.76 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.02 min

Lab File: BG019364.D

Acq: 26 Oct 2015 17:52

Instrument :

BNA_G

ClientSampleId :

JG9H8MSD

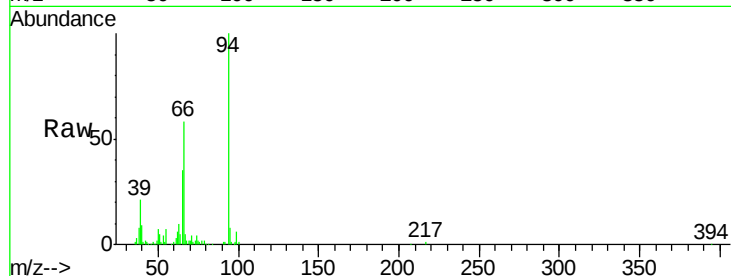
Tgt Ion: 94 Resp: 98274

Ion Ratio Lower Upper

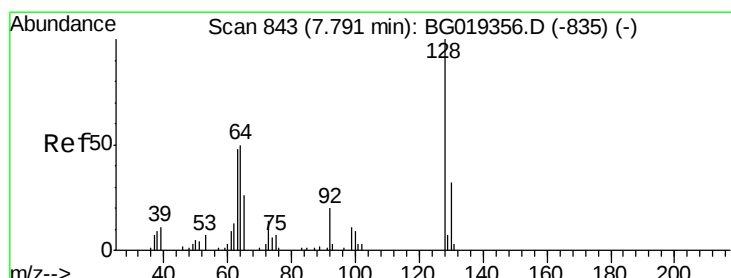
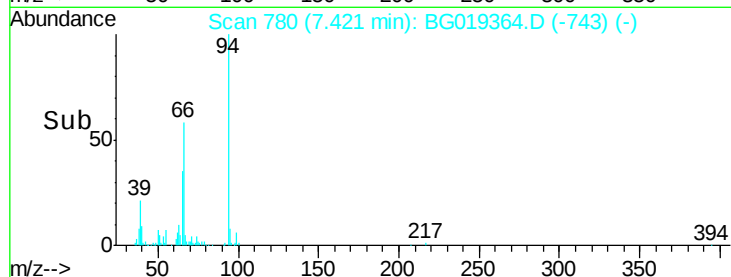
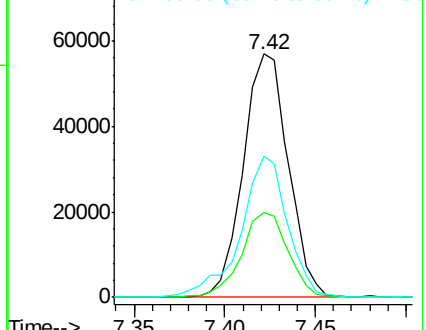
94 100

65 34.9 29.3 43.9

66 58.0 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: 34.07 ng/ul

RT: 7.81 min Scan# 846

Delta R.T. 0.02 min

Lab File: BG019364.D

Acq: 26 Oct 2015 17:52

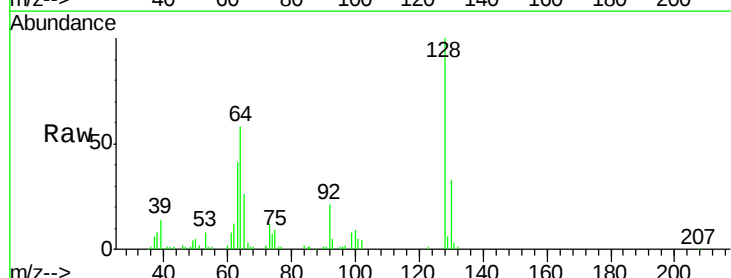
Tgt Ion: 128 Resp: 61939

Ion Ratio Lower Upper

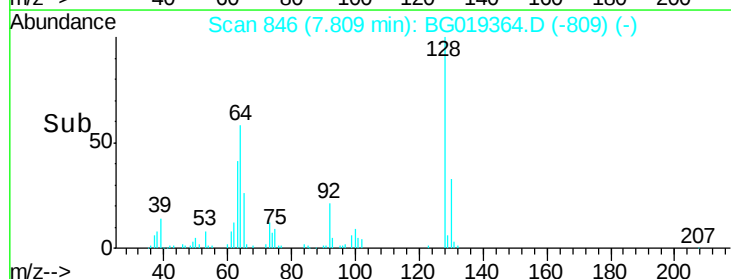
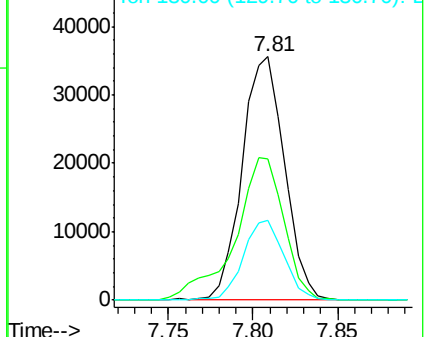
128 100

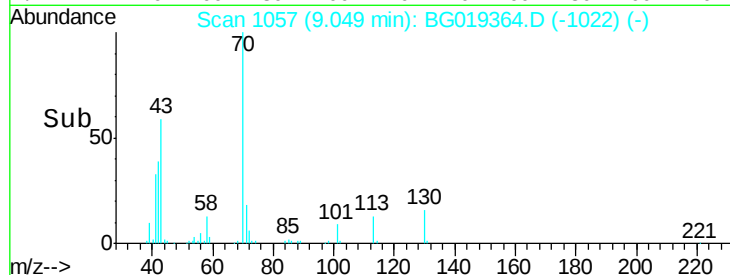
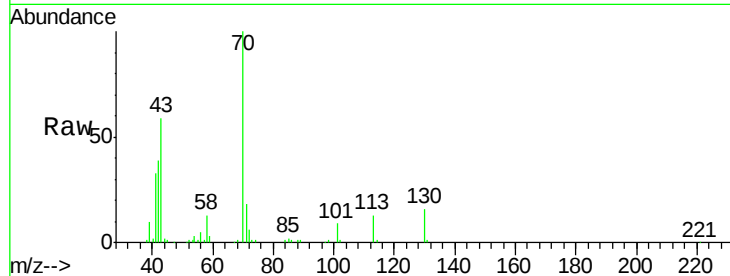
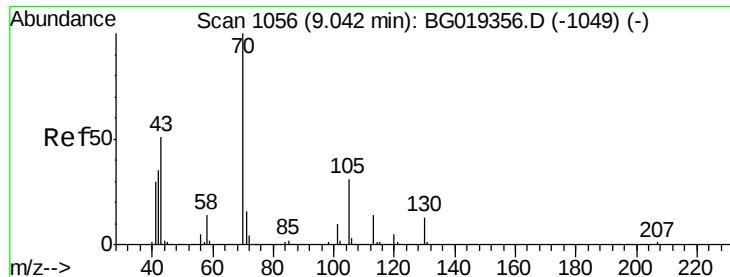
64 58.2 53.2 79.8

130 32.6 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: 32.67 ng/ul

RT: 9.05 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BG019364.D

Acq: 26 Oct 2015 17:52

Instrument :

BNA_G

ClientSampleId :

JG9H8MSD

Tgt Ion: 70 Resp: 72854

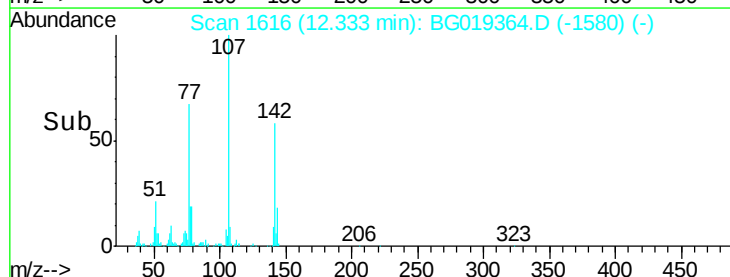
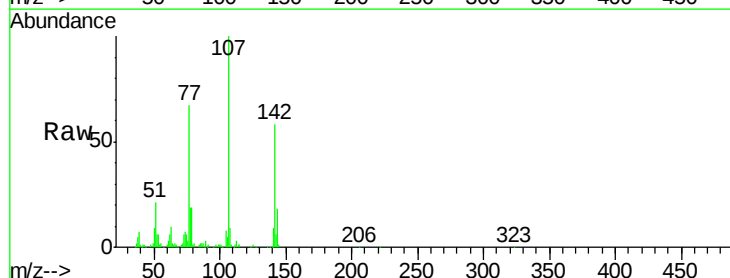
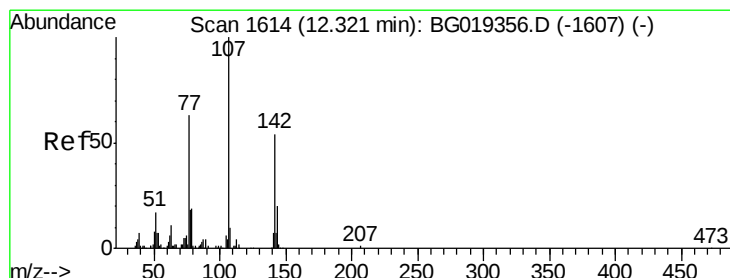
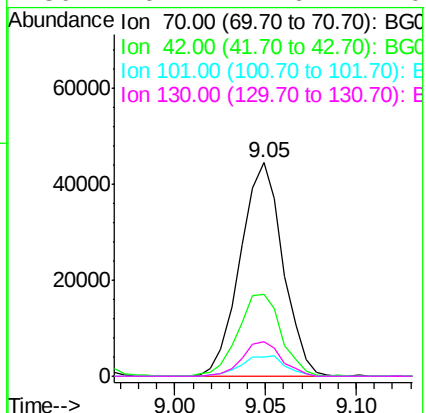
Ion Ratio Lower Upper

70 100

42 38.7 36.6 55.0

101 9.2 5.8 8.8#

130 16.1 14.6 22.0



#33

4-Chloro-3-methylphenol

Concen: 34.00 ng/ul

RT: 12.33 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BG019364.D

Acq: 26 Oct 2015 17:52

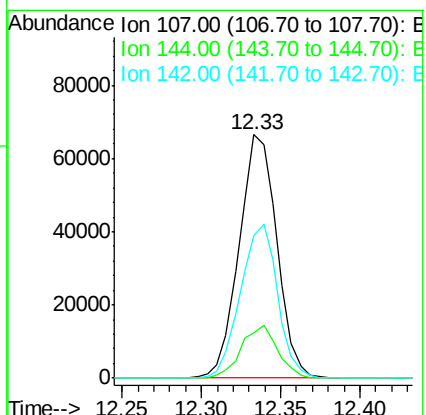
Tgt Ion: 107 Resp: 109777

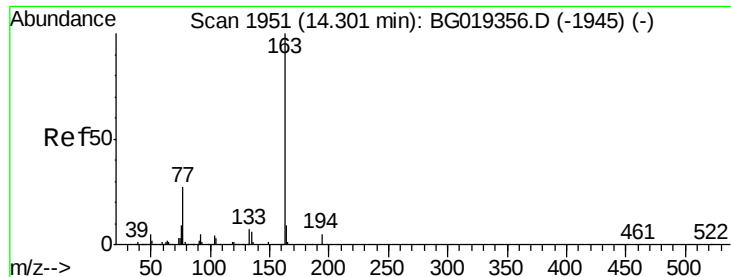
Ion Ratio Lower Upper

107 100

144 18.4 13.0 19.6

142 58.4 47.0 70.6

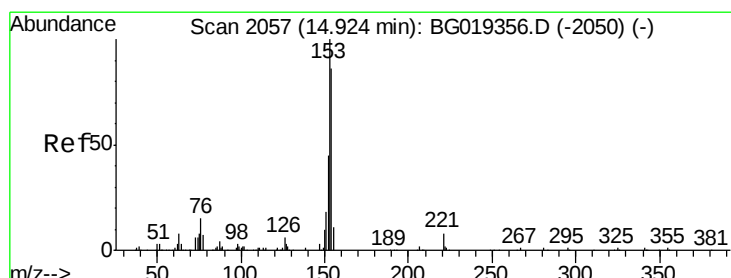
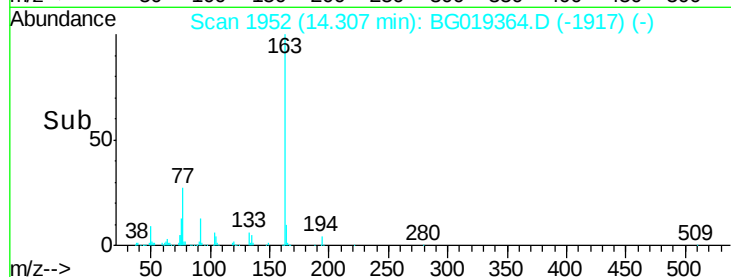
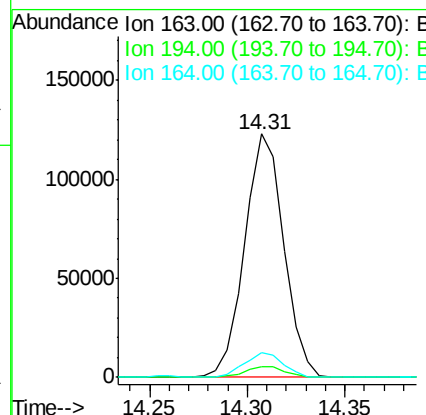
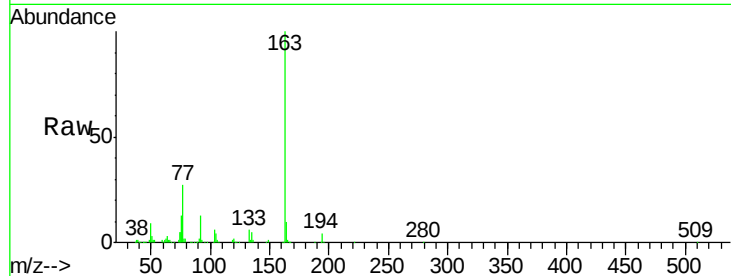




#45
Dimethylphthalate
Concen: 19.03 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG019364.D
Acq: 26 Oct 2015 17:52

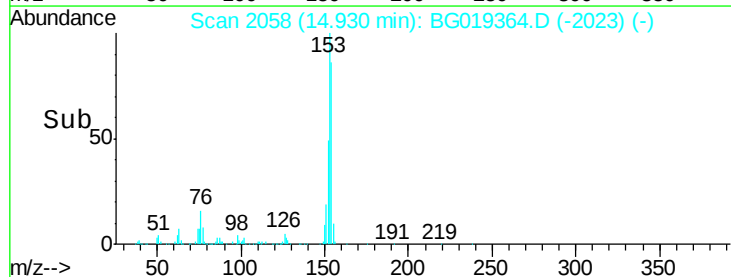
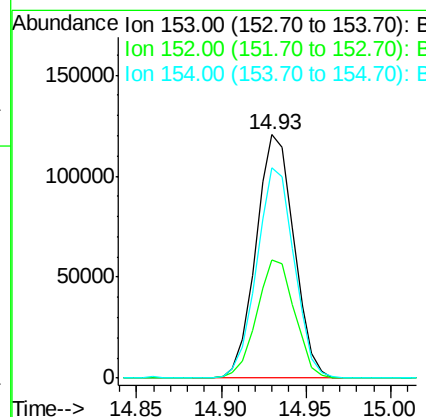
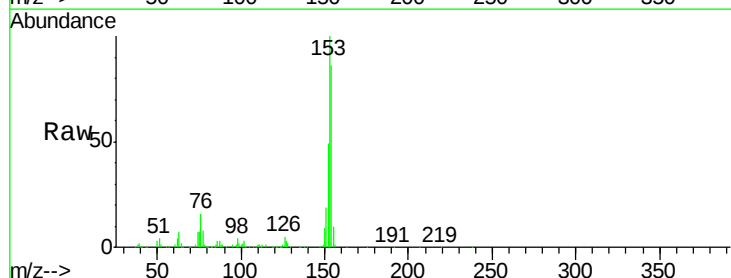
Instrument :
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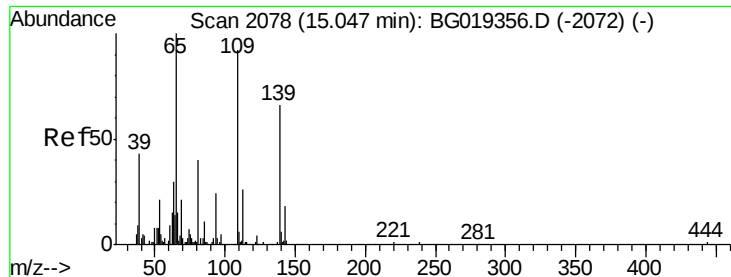
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.3	6.5
164	10.0	7.5	11.3



#50
Acenaphthene
Concen: 28.03 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG019364.D
Acq: 26 Oct 2015 17:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.8	58.2
154	86.3	71.5	107.3

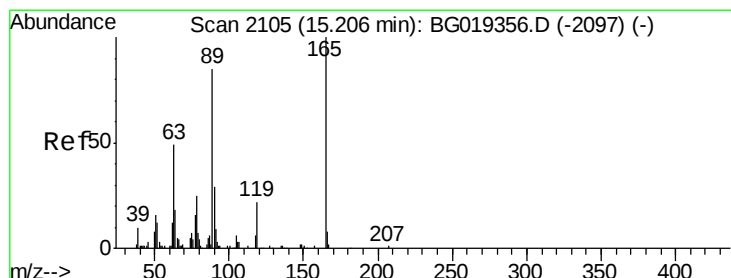
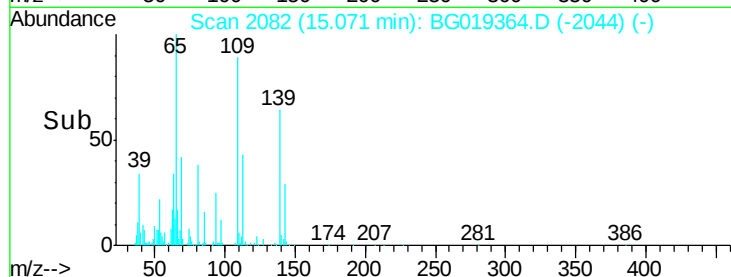
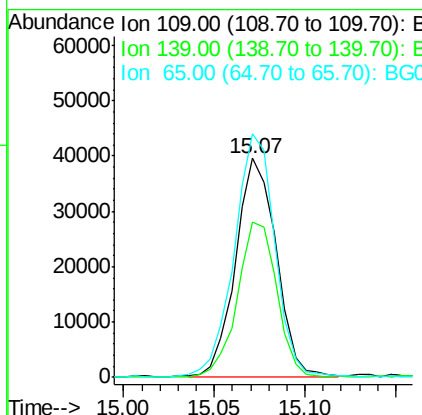
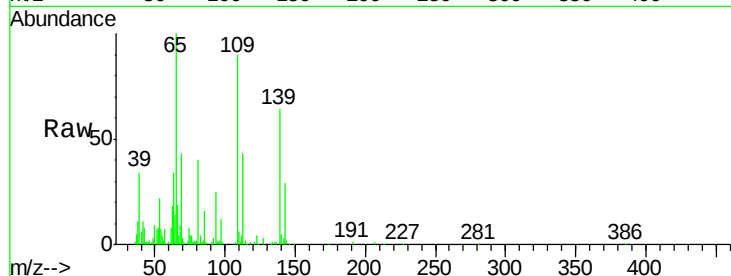




#53
4-Nitrophenol
Concen: 25.61 ng/ul
RT: 15.07 min Scan# 2082
Delta R.T. 0.02 min
Lab File: BG019364.D
Acq: 26 Oct 2015 17:52

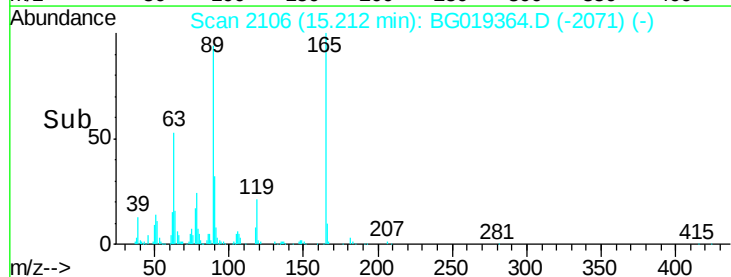
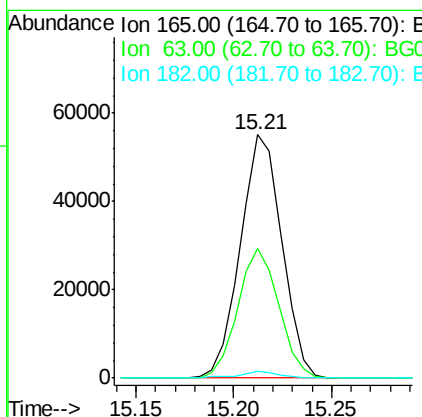
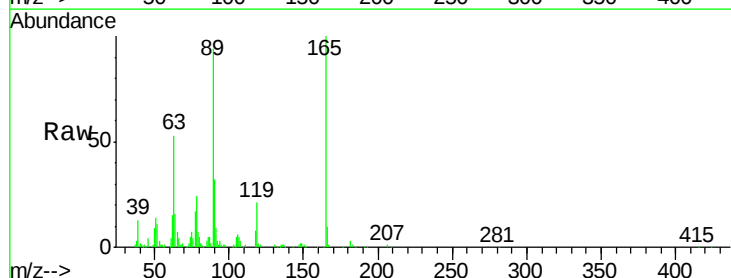
Instrument :
BNA_G
ClientSampleId :
JG9H8MSD

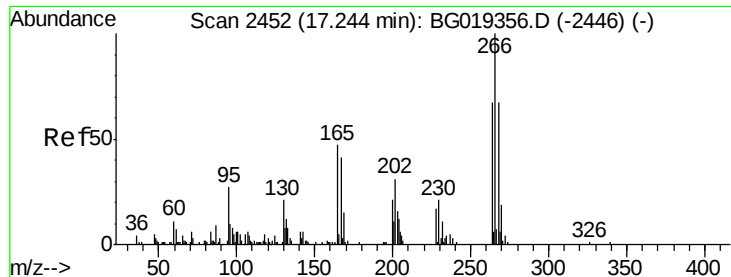
Tgt Ion:109 Resp: 61559
Ion Ratio Lower Upper
109 100
139 70.8 41.5 62.3#
65 111.1 73.7 110.5#



#55
2,4-Dinitrotoluene
Concen: 29.40 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG019364.D
Acq: 26 Oct 2015 17:52

Tgt Ion:165 Resp: 81393
Ion Ratio Lower Upper
165 100
63 53.3 51.1 76.7
182 2.8 3.3 4.9#

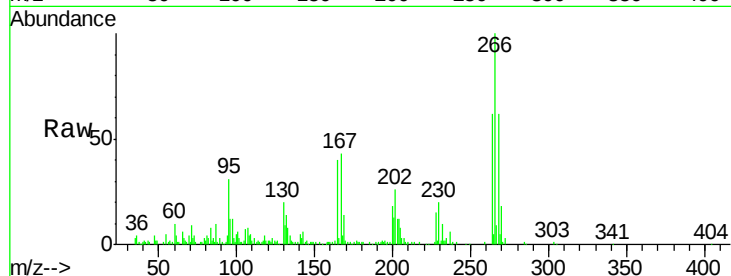




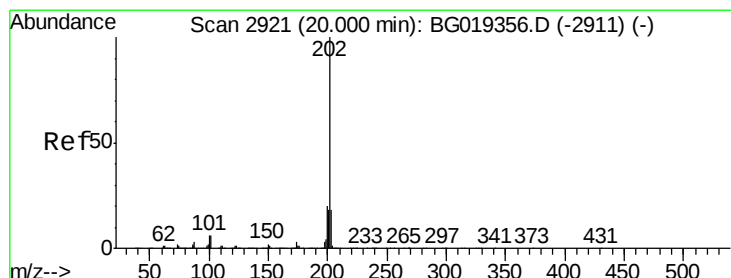
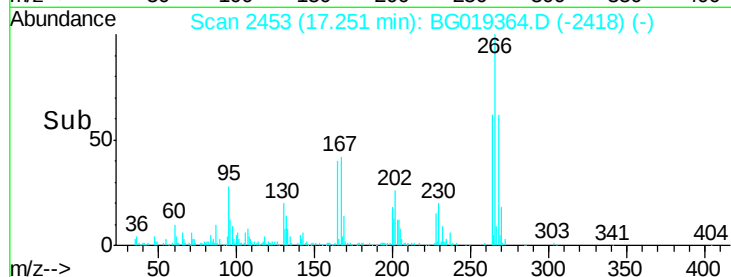
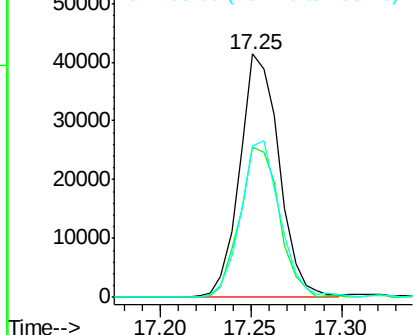
#69
 Pentachlorophenol
 Concen: 25.76 ng/ul
 RT: 17.25 min Scan# 2453
 Delta R.T. 0.01 min
 Lab File: BG019364.D
 Acq: 26 Oct 2015 17:52

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.5	74.3
268	62.3	48.7	73.1

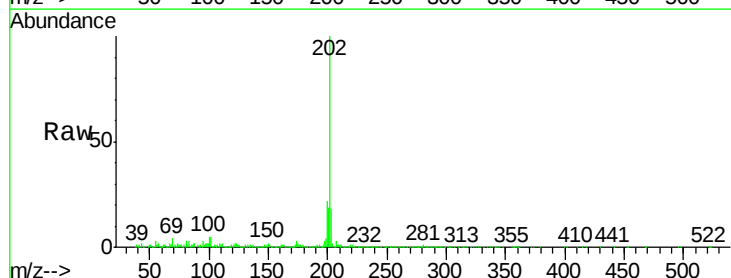


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 24.34 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.01 min
 Lab File: BG019364.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.3	6.5
100	5.3	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): B

