

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
 Data File : BG019348.D
 Acq On : 24 Oct 2015 22:54
 Operator : UM/NP
 Sample : G4075-03MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8MSD

Quant Time: Oct 25 03:31:32 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	76836	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	320452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	255937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	658817	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	793316	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	762923	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7654	5.53	ng/uL	0.00
5) Phenol-d5	7.38	99	212215	31.39	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	132017	32.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	130523	29.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	172130	32.66	ng/ul	0.01
19) Nitrobenzene-d5	9.41	128	72349	29.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	87697	31.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	177179	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	191866	31.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	611536	28.82	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	676784	28.82	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	95465	27.67	ng/ul	0.02
58) Fluorene-d10	15.85	176	540784	27.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	120258	27.73	ng/ul	0.00
71) Anthracene-d10	17.70	188	864914	28.67	ng/ul	0.00
79) Pyrene-d10	19.97	212	987146	28.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	1095726	28.15	ng/ul	0.00

Target Compounds

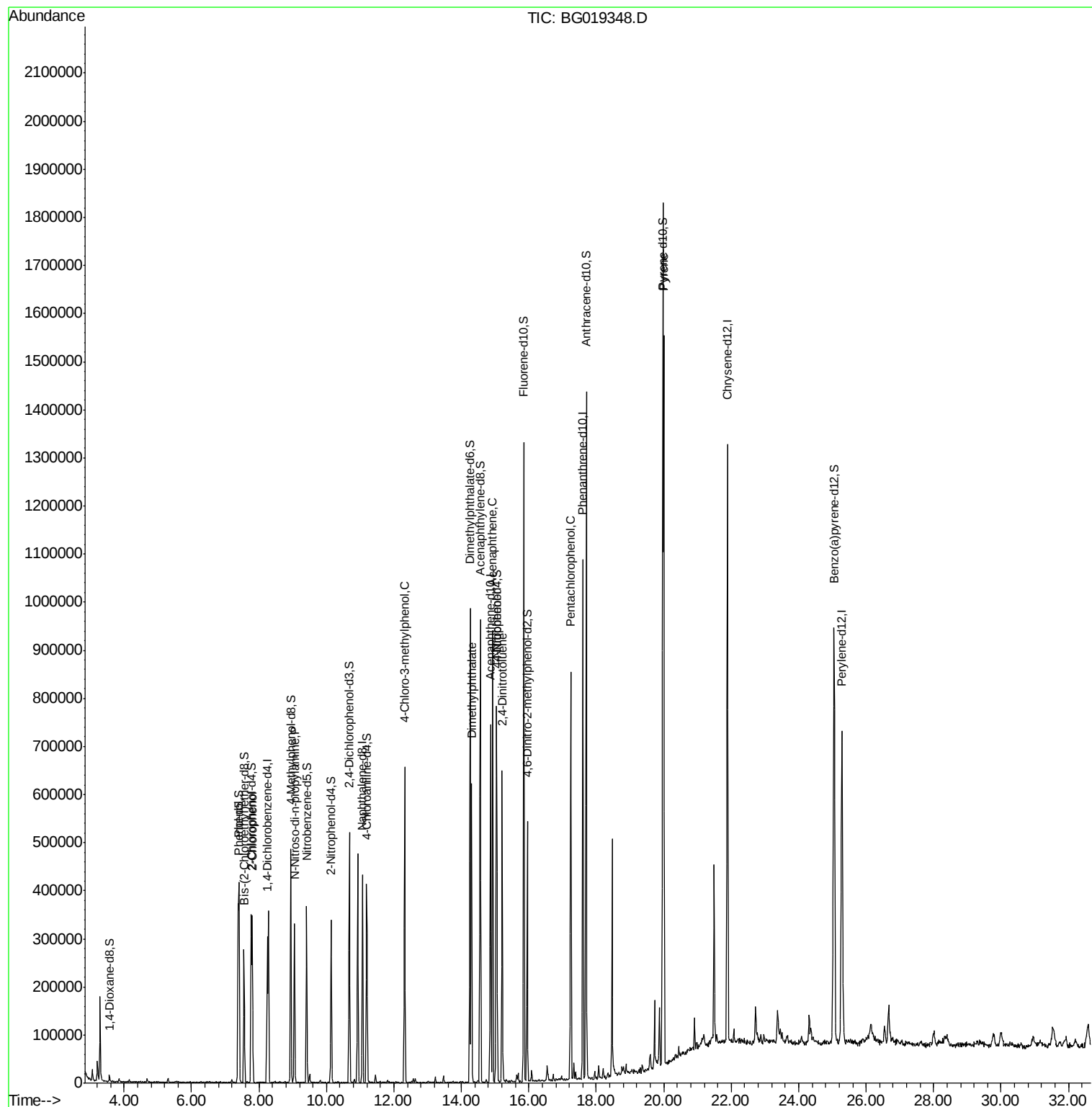
						Qvalue
6) Phenol	7.41	94	217883	30.66	ng/ul	96
10) 2-Chlorophenol	7.80	128	130962	29.51	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.05	70	164118	30.15	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.31	107	227409	29.91	ng/ul#	98
45) Dimethylphthalate	14.31	163	358869	16.93	ng/ul#	97
50) Acenaphthene	14.92	153	383295	24.07	ng/ul	99
53) 4-Nitrophenol	15.05	109	136560	24.00	ng/ul#	81
55) 2,4-Dinitrotoluene	15.21	165	173202	26.43	ng/ul	85
69) Pentachlorophenol	17.24	266	156254	25.91	ng/ul	95
80) Pyrene	20.00	202	924853	20.80	ng/ul#	94

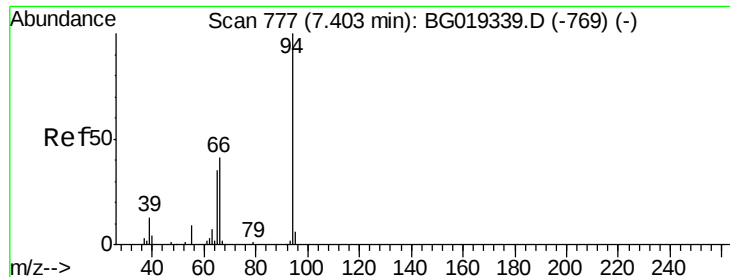
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 30.66 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG019348.D

Acq: 24 Oct 2015 22:54

Instrument :

BNA_G

ClientSampleId :

JG9H8MSD

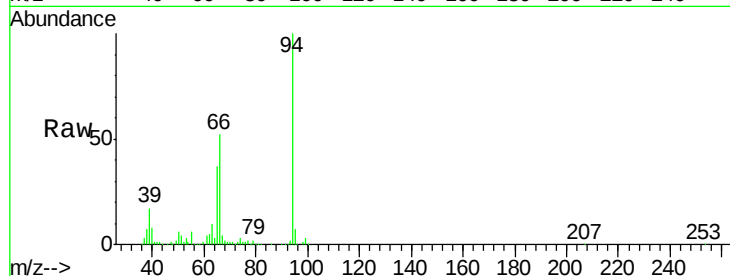
Tgt Ion: 94 Resp: 217883

Ion Ratio Lower Upper

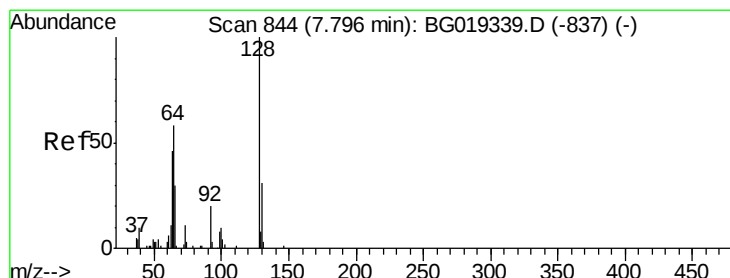
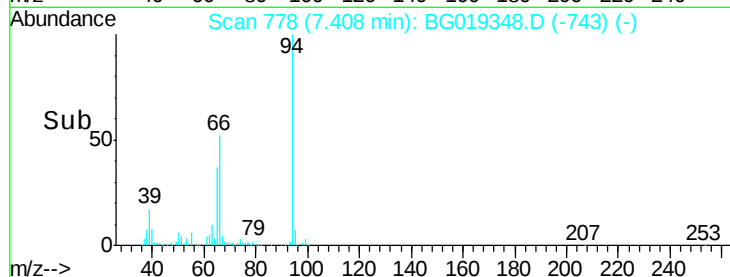
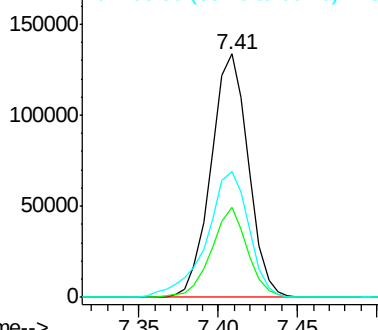
94 100

65 36.8 29.3 43.9

66 51.6 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: 29.51 ng/ul

RT: 7.80 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG019348.D

Acq: 24 Oct 2015 22:54

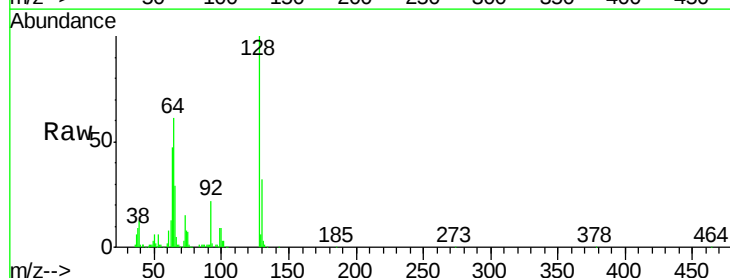
Tgt Ion: 128 Resp: 130962

Ion Ratio Lower Upper

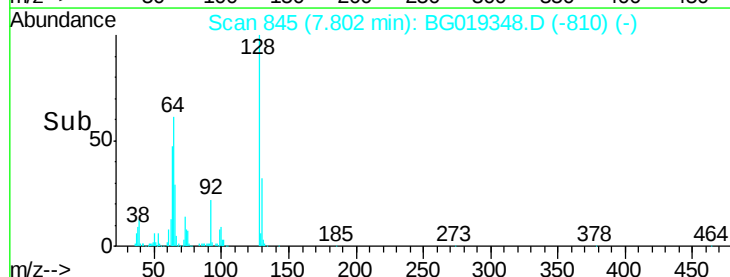
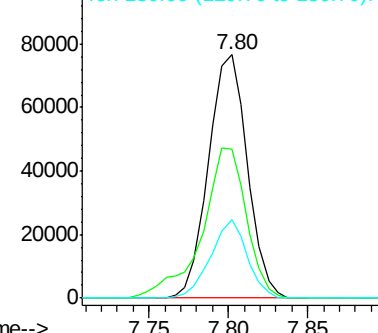
128 100

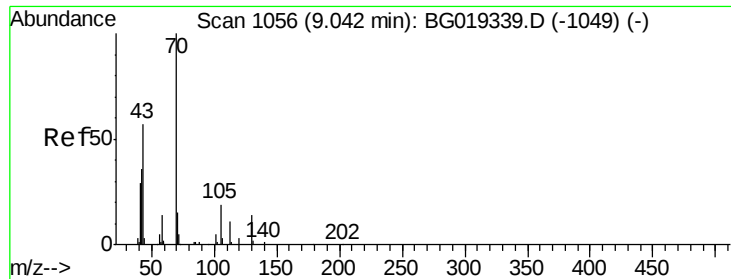
64 61.2 53.2 79.8

130 32.4 25.9 38.9



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

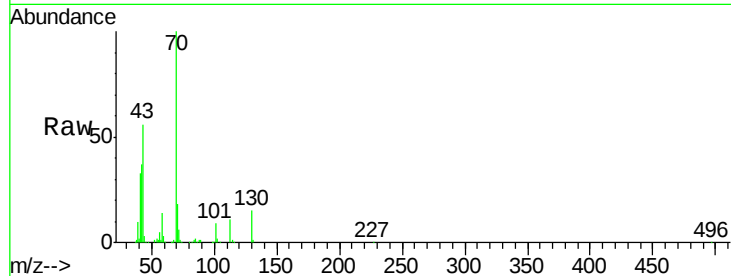




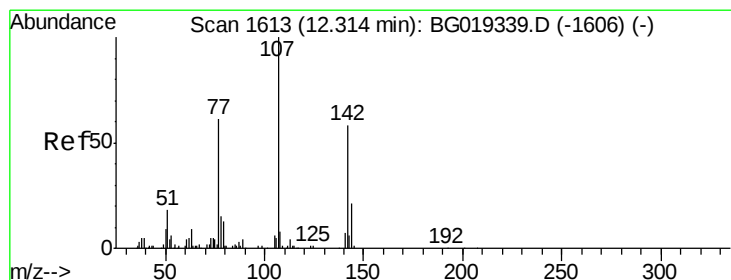
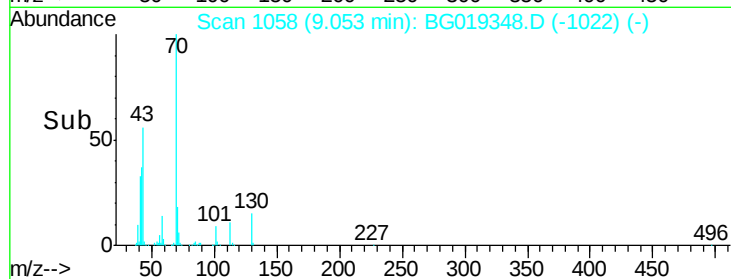
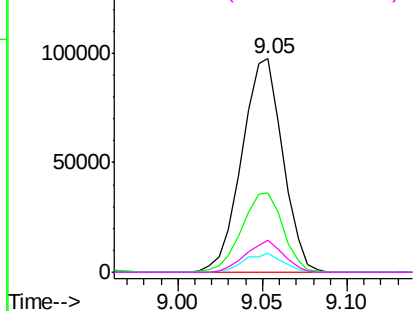
#15
N-Nitroso-di-n-propylamine
Concen: 30.15 ng/ul
RT: 9.05 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BG019348.D
Acq: 24 Oct 2015 22:54

Instrument :
BNA_G
ClientSampleId :
JG9H8MSD

Tgt Ion: 70 Resp: 164118
Ion Ratio Lower Upper
70 100
42 37.3 36.6 55.0
101 9.0 5.8 8.8#
130 14.7 14.6 22.0

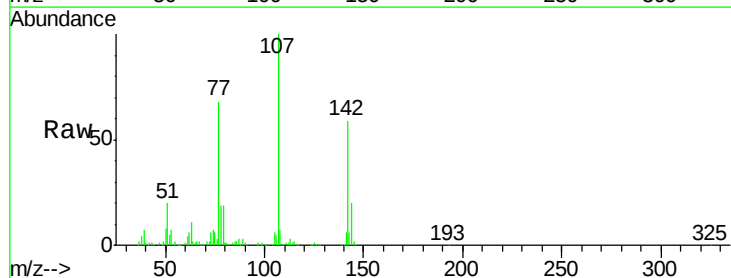


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

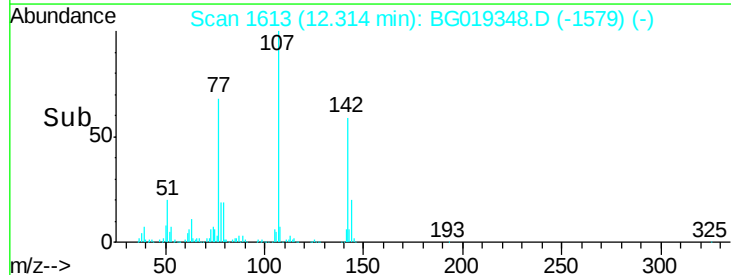
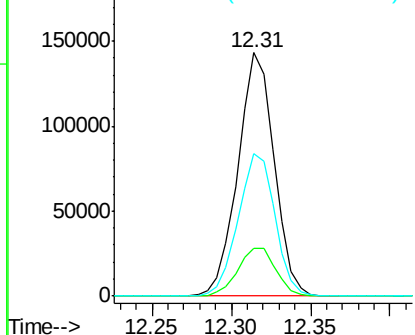


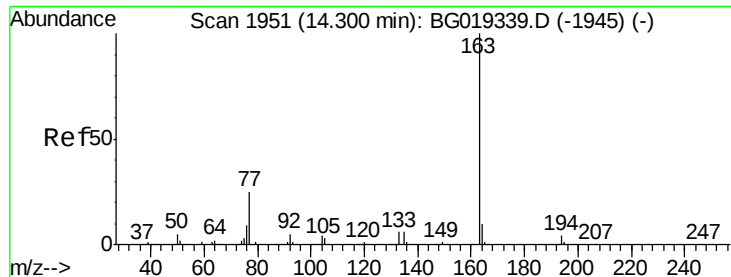
#33
4-Chloro-3-methylphenol
Concen: 29.91 ng/ul
RT: 12.31 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BG019348.D
Acq: 24 Oct 2015 22:54

Tgt Ion: 107 Resp: 227409
Ion Ratio Lower Upper
107 100
144 19.7 13.0 19.6#
142 58.8 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: 16.93 ng/ul

RT: 14.31 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG019348.D

Acq: 24 Oct 2015 22:54

Instrument :

BNA_G

ClientSampleId :

JG9H8MSD

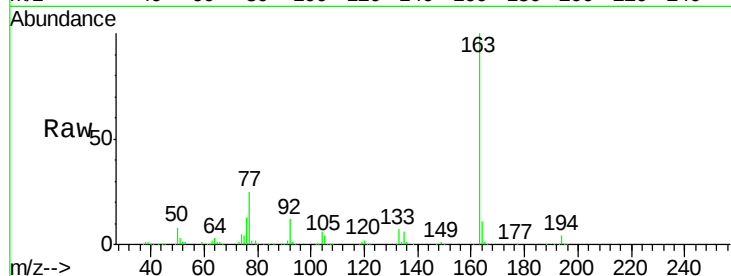
Tgt Ion:163 Resp: 358869

Ion Ratio Lower Upper

163 100

194 4.1 4.3 6.5#

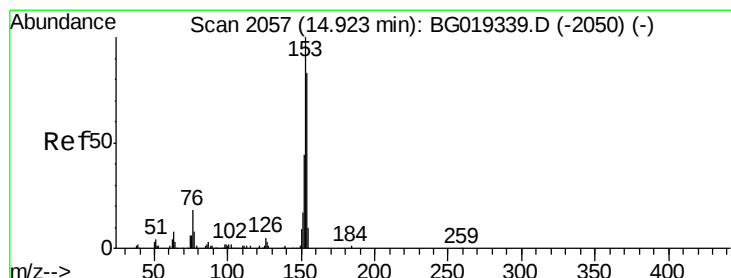
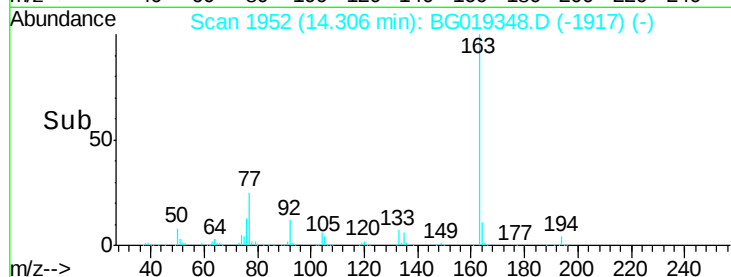
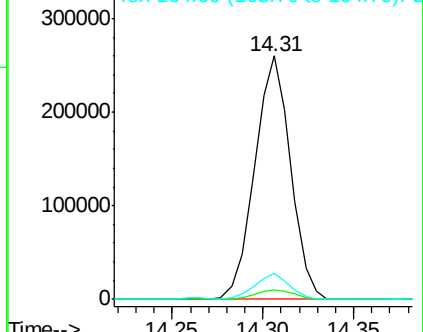
164 10.5 7.5 11.3



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: 24.07 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG019348.D

Acq: 24 Oct 2015 22:54

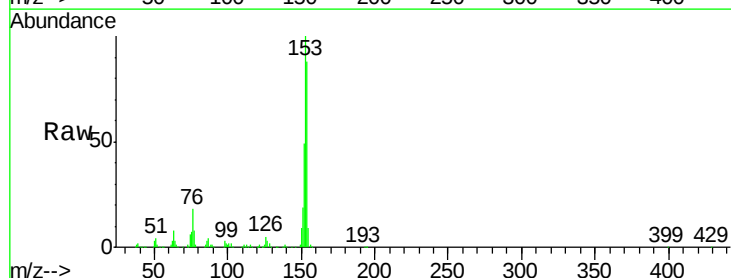
Tgt Ion:153 Resp: 383295

Ion Ratio Lower Upper

153 100

152 48.9 38.8 58.2

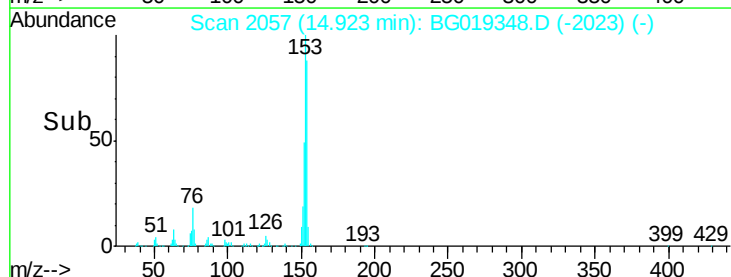
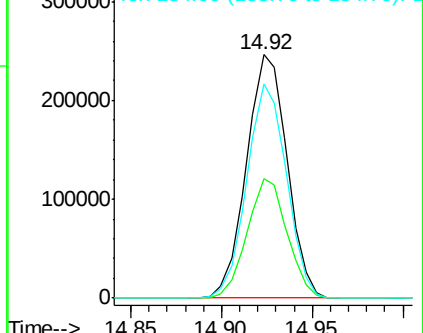
154 87.8 71.5 107.3

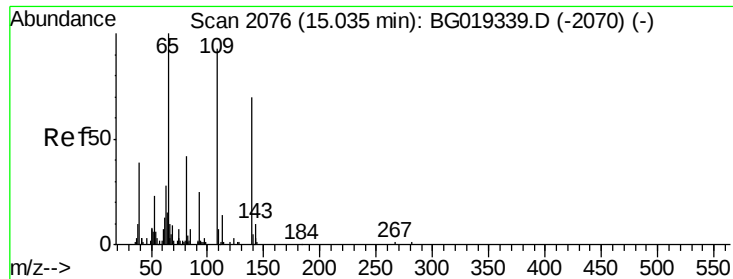


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

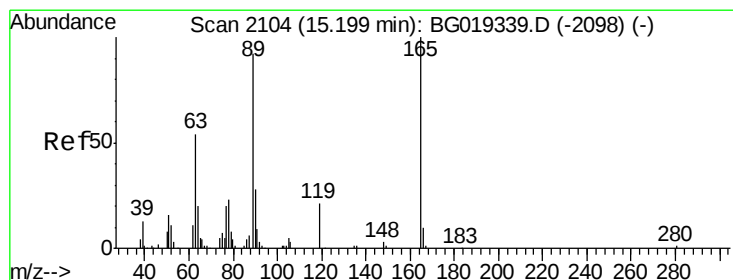
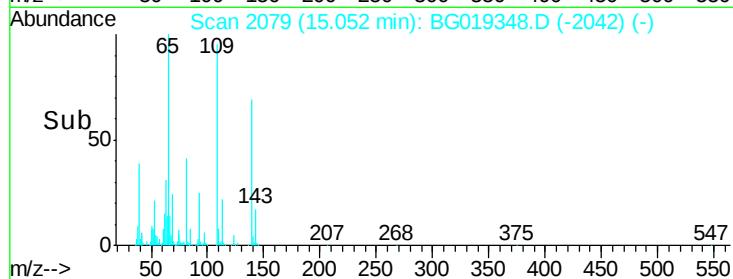
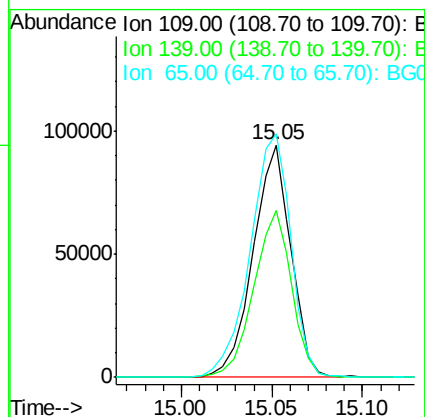
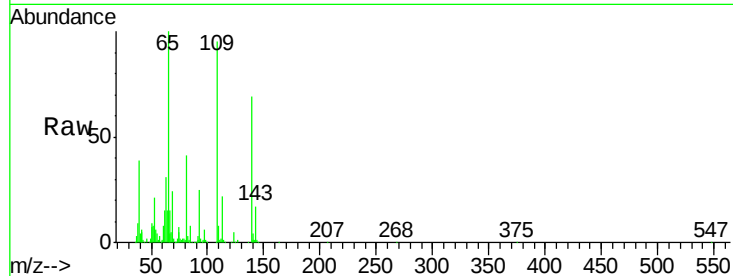




#53
4-Nitrophenol
Concen: 24.00 ng/ul
RT: 15.05 min Scan# 2079
Delta R.T. 0.02 min
Lab File: BG019348.D
Acq: 24 Oct 2015 22:54

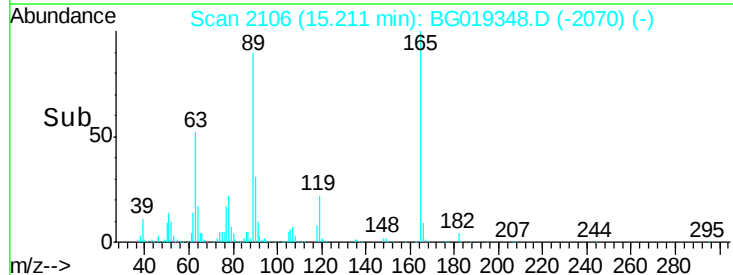
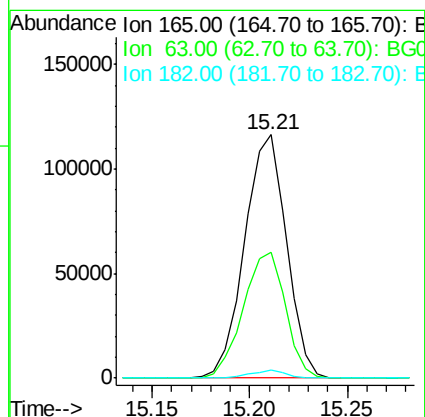
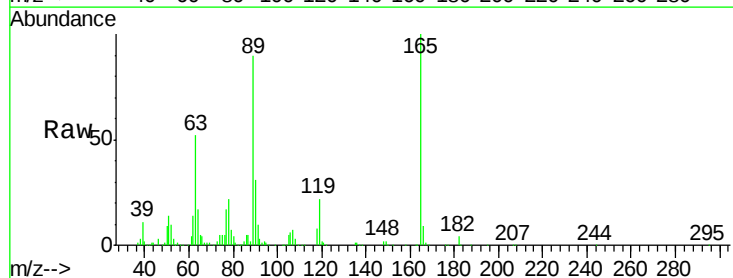
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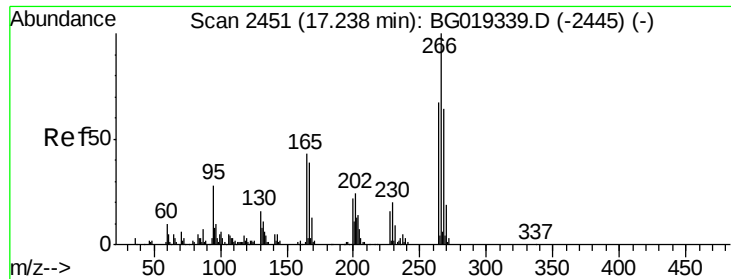
Tgt Ion:109 Resp: 136560
Ion Ratio Lower Upper
109 100
139 71.9 41.5 62.3#
65 104.8 73.7 110.5



#55
2,4-Dinitrotoluene
Concen: 26.43 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG019348.D
Acq: 24 Oct 2015 22:54

Tgt Ion:165 Resp: 173202
Ion Ratio Lower Upper
165 100
63 51.9 51.1 76.7
182 3.5 3.3 4.9





#69

Pentachlorophenol

Concen: 25.91 ng/ul

RT: 17.24 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BG019348.D

Acq: 24 Oct 2015 22:54

Instrument :

BNA_G

ClientSampleId :

JG9H8MSD

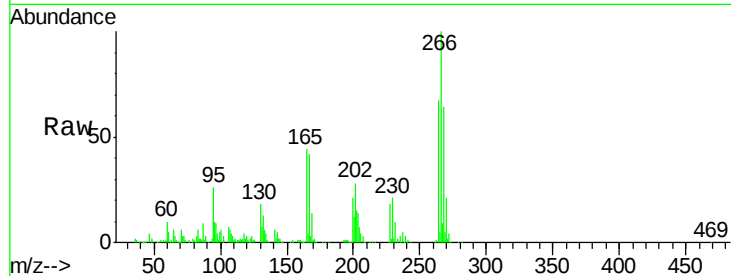
Tgt Ion:266 Resp: 156254

Ion Ratio Lower Upper

266 100

264 66.6 49.5 74.3

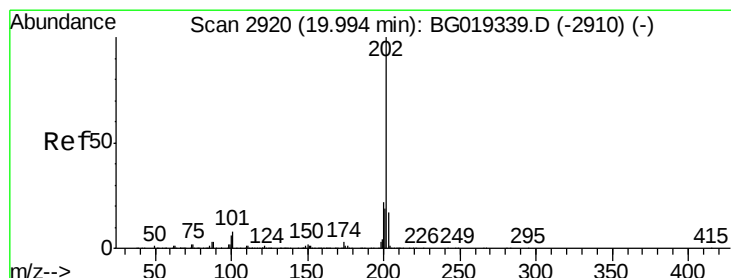
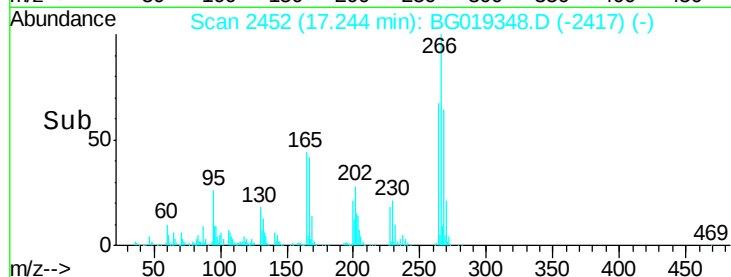
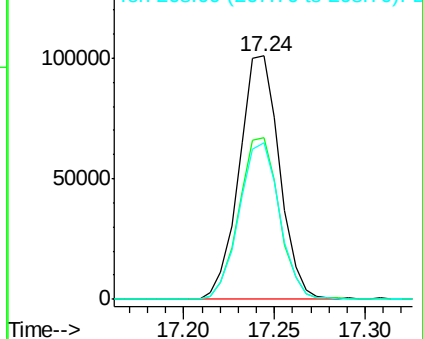
268 64.4 48.7 73.1



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: 20.80 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BG019348.D

Acq: 24 Oct 2015 22:54

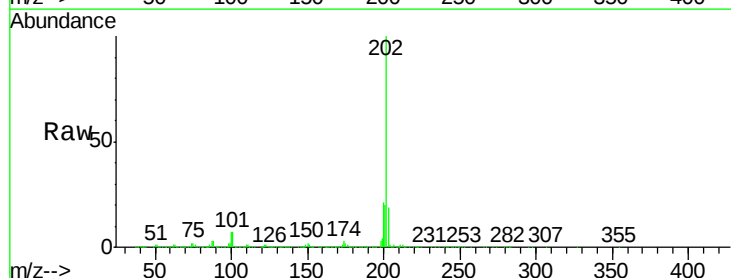
Tgt Ion:202 Resp: 924853

Ion Ratio Lower Upper

202 100

101 7.5 4.3 6.5#

100 6.7 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

