

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081816\
 Data File : BG023776.D
 Acq On : 19 Aug 2016 2:42
 Operator : UM/SJ
 Sample : H4492-04MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPS2MS

Quant Time: Aug 19 04:06:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	100285	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	443922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	295533	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	708619	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	765530	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	698010	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	10368	4.69	ng/uL	0.00
5) Phenol-d5	7.25	99	278637	29.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	195326	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	199623	29.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	227587	30.95	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	108712	30.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	121269	29.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	212956	28.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	486	0.05	ng/ul	0.14
43) Dimethylphthalate-d6	14.16	166	803424	32.79	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	879604	31.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	106003	26.77	ng/ul	0.00
57) Fluorene-d10	15.76	176	674855	31.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	105779	23.55	ng/ul	0.00
70) Anthracene-d10	17.63	188	1048149	32.08	ng/ul	0.00
76) Pyrene-d10	19.92	212	1210983	32.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1044649	32.69	ng/ul	0.00

Target Compounds

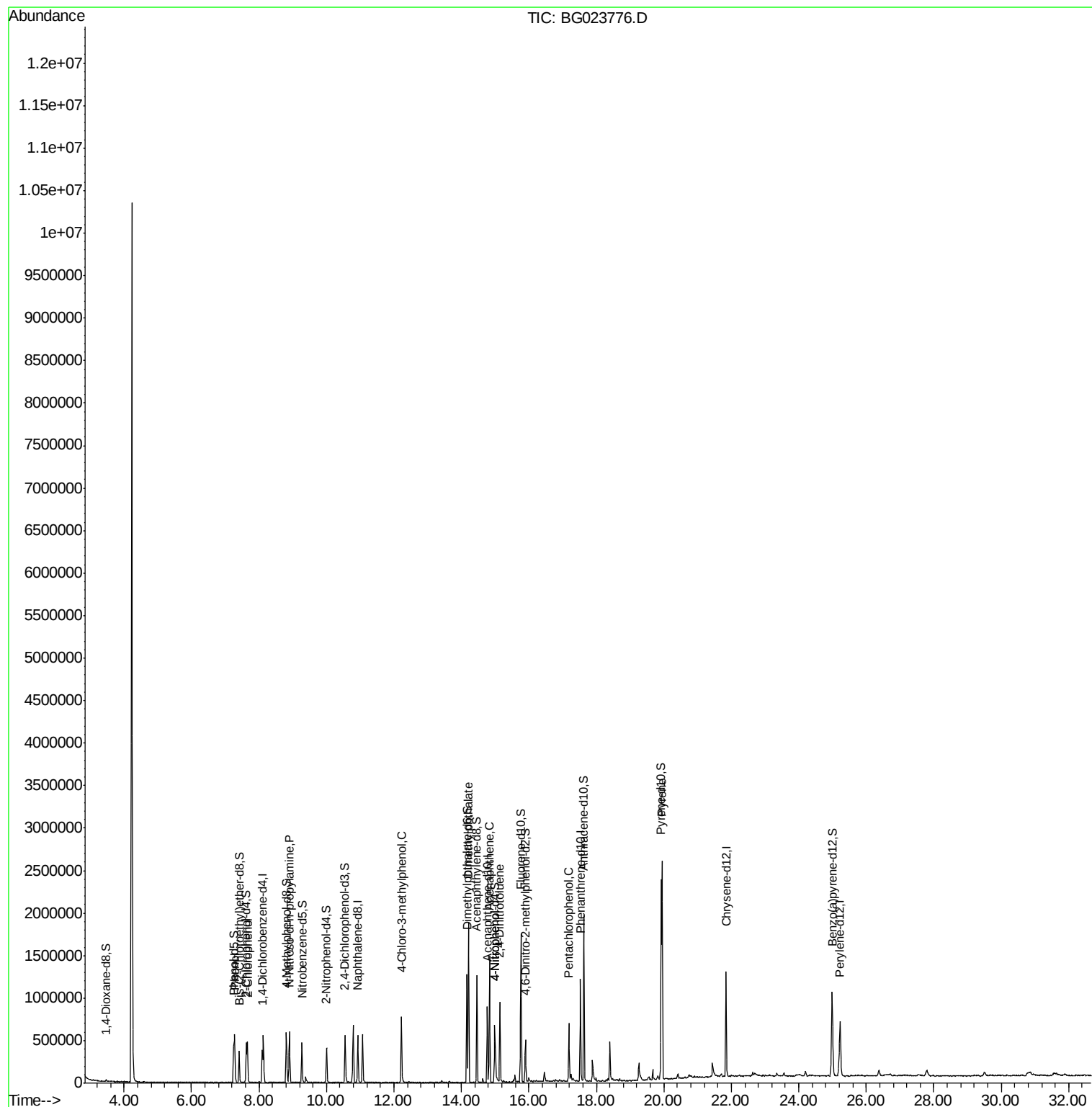
						Qvalue
6) Phenol	7.28	94	302039	31.35	ng/ul#	64
10) 2-Chlorophenol	7.66	128	193385	28.41	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.90	70	239939	32.41	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.22	107	285114	31.26	ng/ul#	82
44) Dimethylphthalate	14.21	163	1089029	44.45	ng/ul	99
49) Acenaphthene	14.83	153	618464	31.95	ng/ul	96
52) 4-Nitrophenol	15.00	109	116331	29.25	ng/ul#	70
54) 2,4-Dinitrotoluene	15.14	165	253457	33.16	ng/ul#	71
68) Pentachlorophenol	17.18	266	139521	36.62	ng/ul	88
77) Pyrene	19.95	202	1476631	32.64	ng/ul#	94

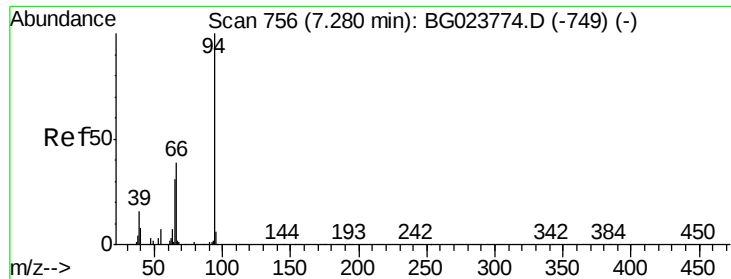
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 31.35 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023776.D

Acq: 19 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

JHPS2MS

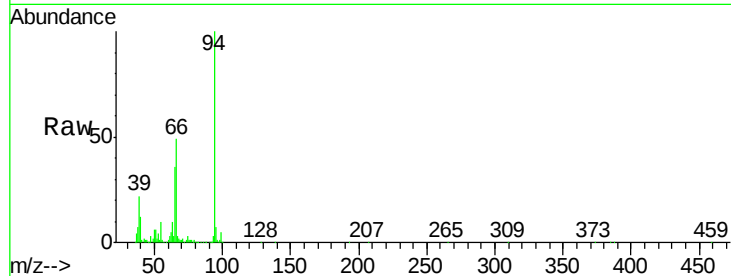
Tgt Ion: 94 Resp: 302039

Ion Ratio Lower Upper

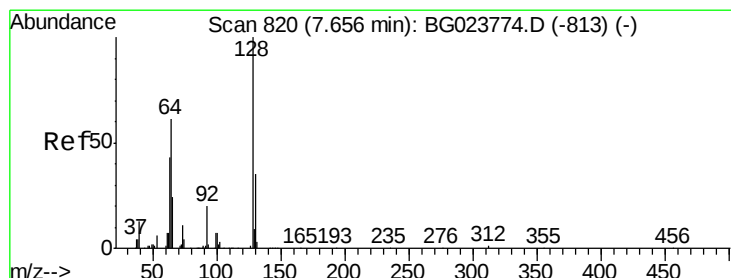
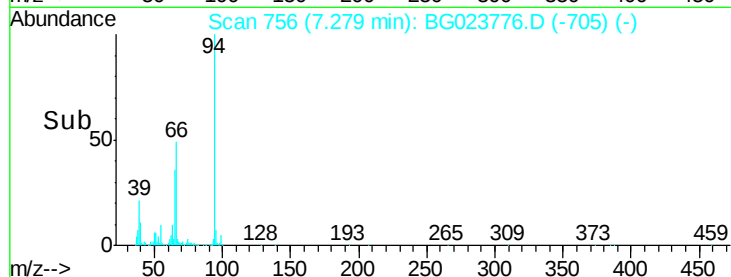
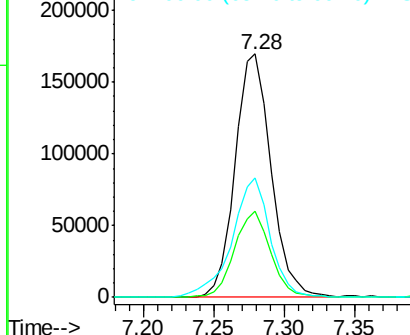
94 100

65 35.6 16.8 25.2#

66 49.1 22.6 33.8#



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: 28.41 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG023776.D

Acq: 19 Aug 2016 2:42

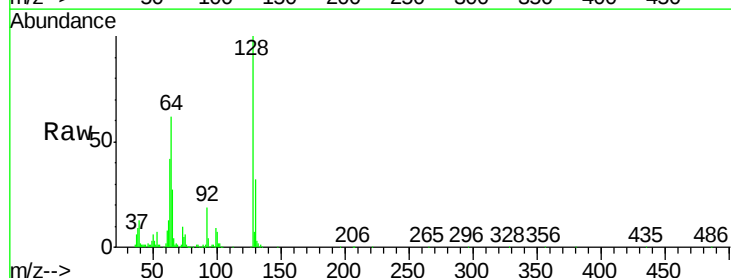
Tgt Ion: 128 Resp: 193385

Ion Ratio Lower Upper

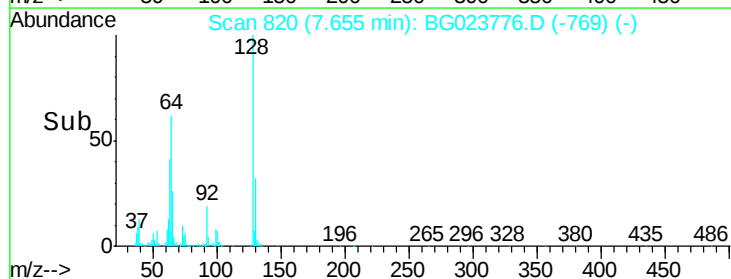
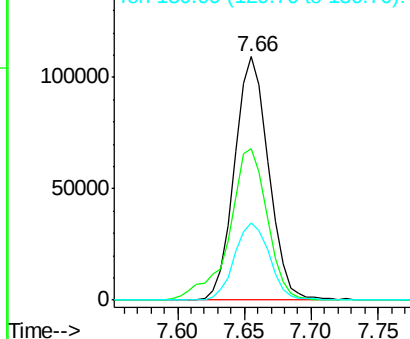
128 100

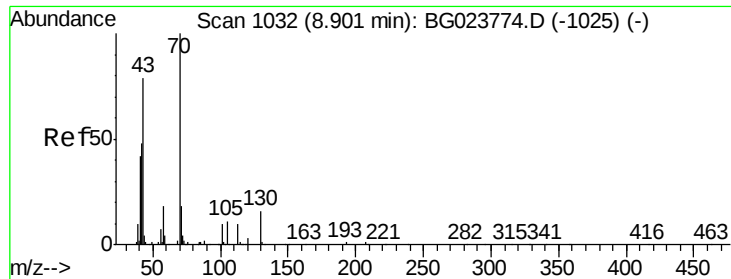
64 62.0 34.2 51.4#

130 31.7 27.0 40.4



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

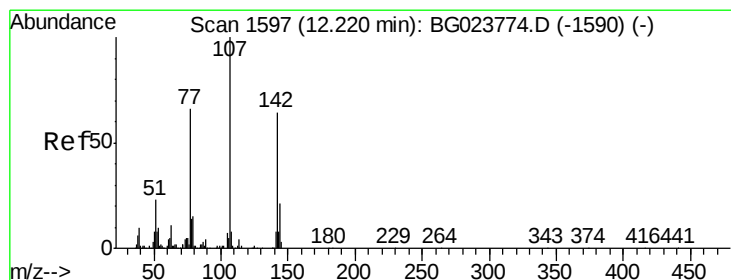
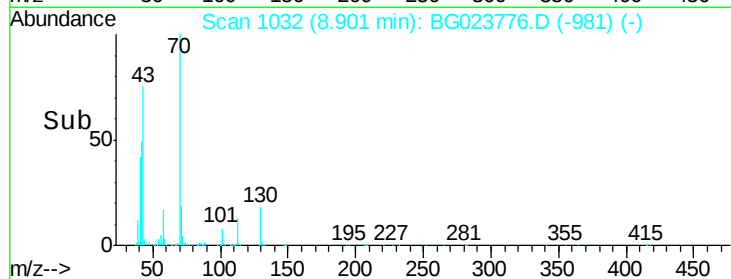
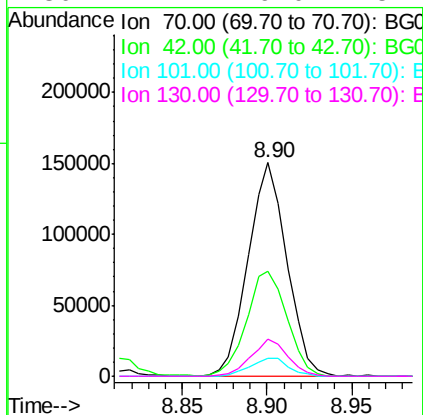
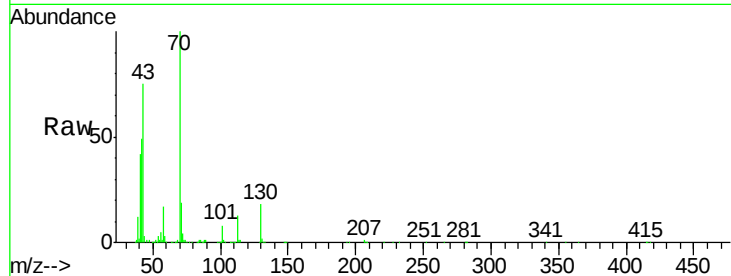




#15
N-Nitroso-di-n-propylamine
Concen: 32.41 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG023776.D
Acq: 19 Aug 2016 2:42

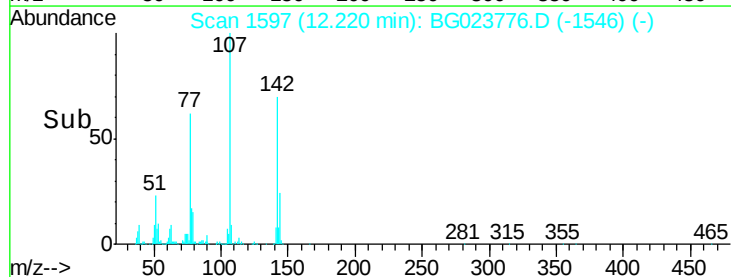
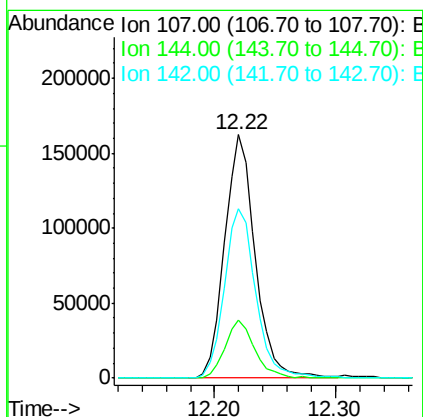
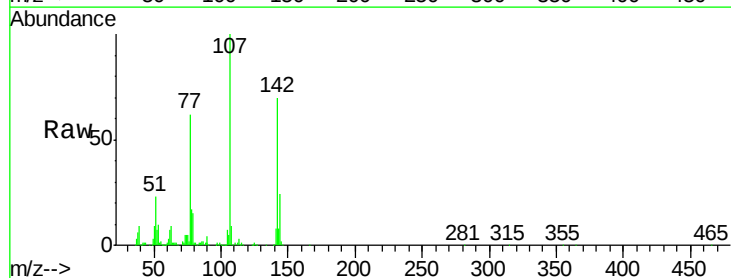
Instrument :
BNA_G
ClientSampleId :
JHPS2MS

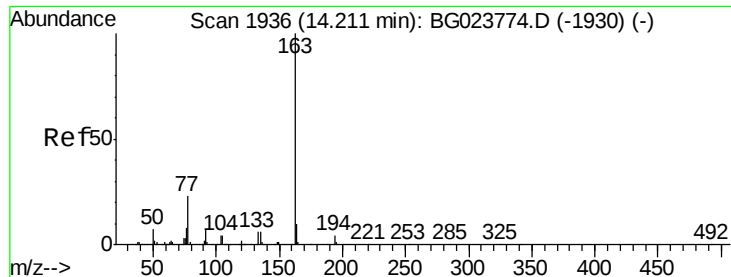
Tgt Ion:	70	Resp:	239939
Ion	Ratio	Lower	Upper
70	100		
42	49.0	31.4	47.2#
101	8.1	8.6	13.0#
130	17.7	19.0	28.4#



#33
4-Chloro-3-methylphenol
Concen: 31.26 ng/ul
RT: 12.22 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BG023776.D
Acq: 19 Aug 2016 2:42

Tgt Ion:	107	Resp:	285114
Ion	Ratio	Lower	Upper
107	100		
144	23.8	22.7	34.1
142	69.7	71.6	107.4#





#44

Dimethylphthalate

Concen: 44.45 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023776.D

Acq: 19 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

JHPS2MS

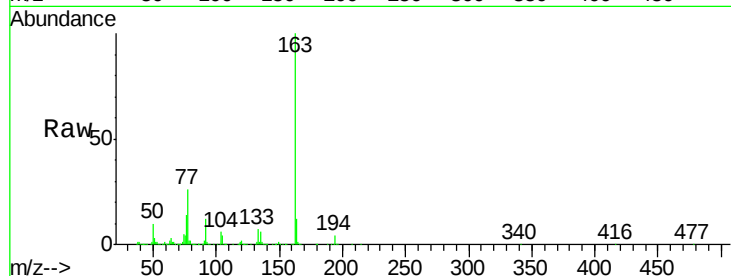
Tgt Ion:163 Resp: 1089029

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

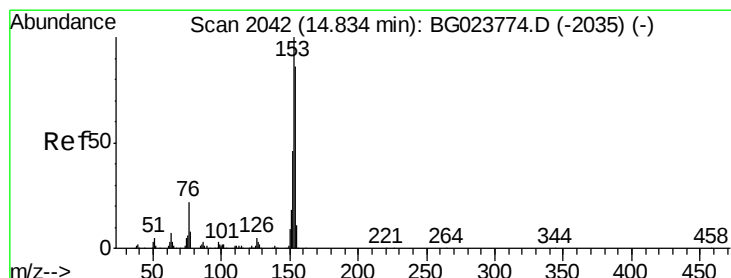
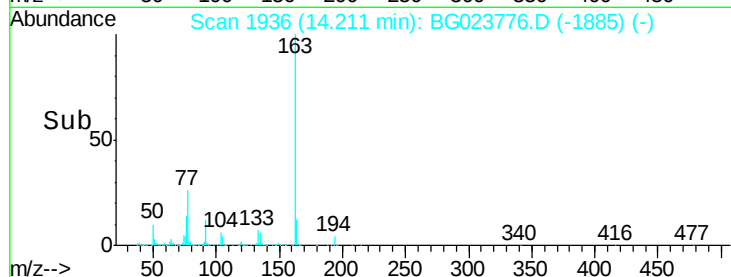
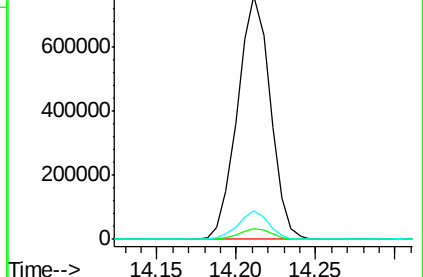
164 11.7 8.8 13.2



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



#49

Acenaphthene

Concen: 31.95 ng/ul

RT: 14.83 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG023776.D

Acq: 19 Aug 2016 2:42

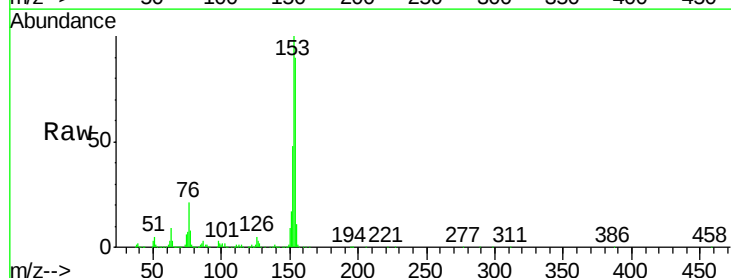
Tgt Ion:153 Resp: 618464

Ion Ratio Lower Upper

153 100

152 47.8 37.3 55.9

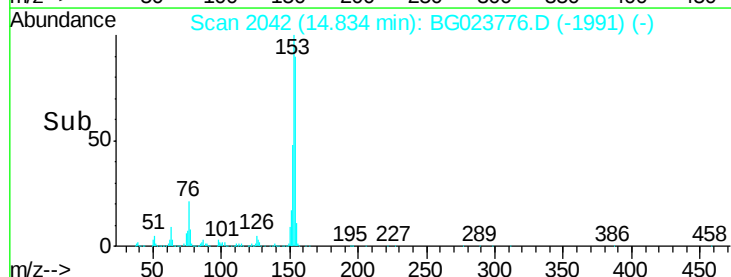
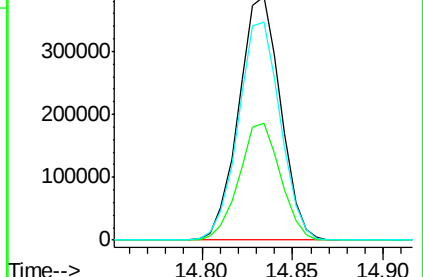
154 89.7 68.2 102.2

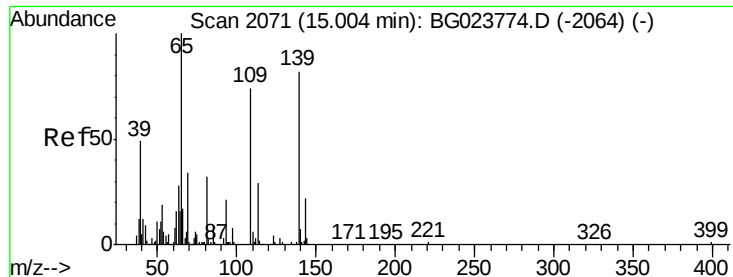


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

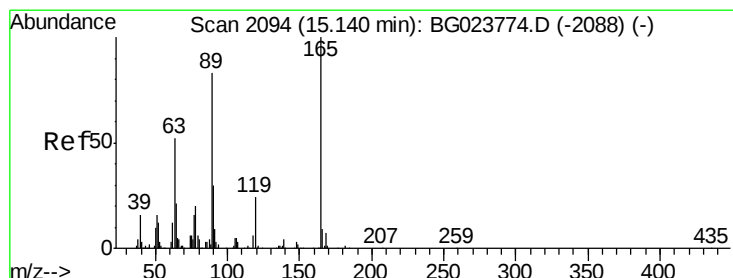
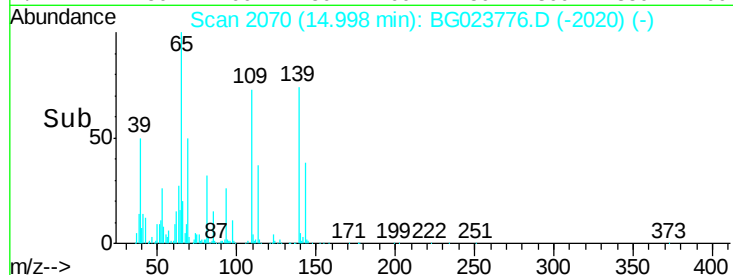
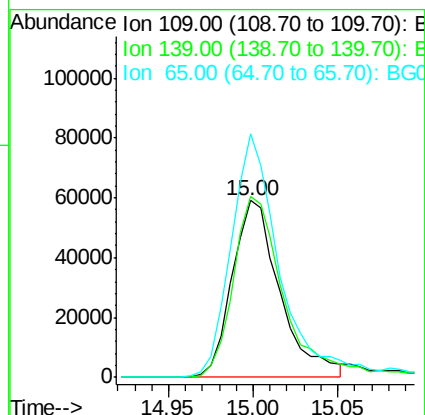
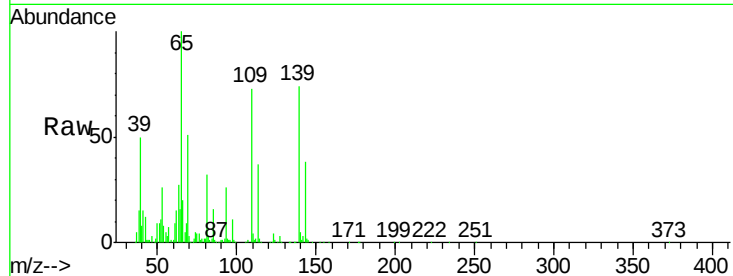




#52
4-Nitrophenol
Concen: 29.25 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG023776.D
Acq: 19 Aug 2016 2:42

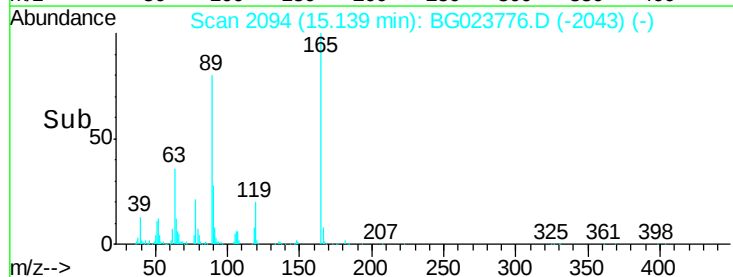
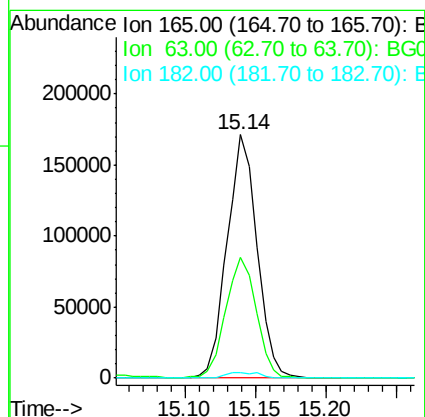
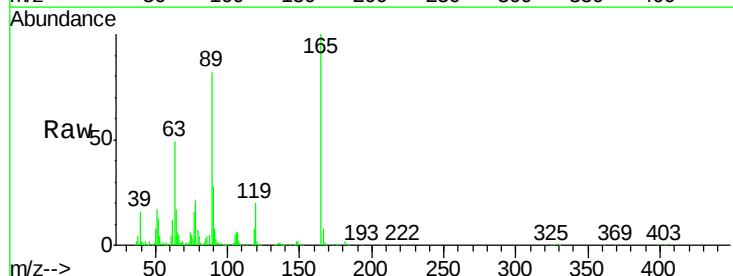
Instrument :
BNA_G
ClientSampleId :
JHPS2MS

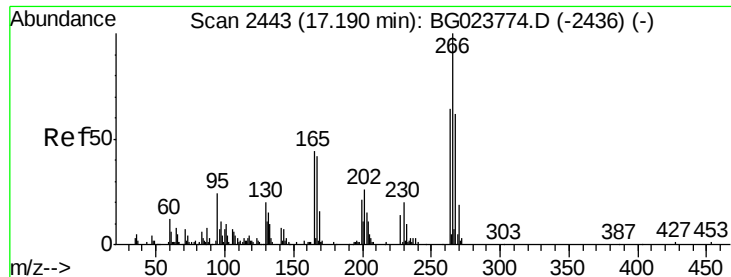
Tgt Ion	Ratio	Lower	Upper
109	100		
139	102.3	136.1	204.1#
65	137.8	106.0	159.0



#54
2,4-Dinitrotoluene
Concen: 33.16 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG023776.D
Acq: 19 Aug 2016 2:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	25.7	38.5#
182	2.5	2.1	3.1

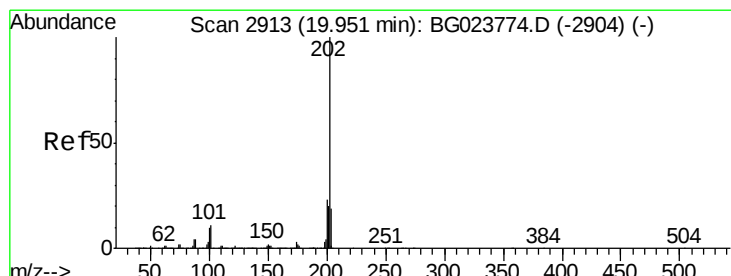
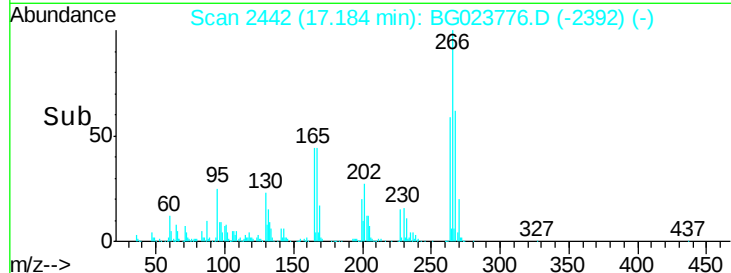
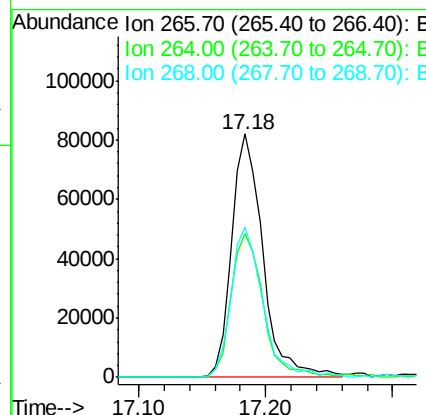
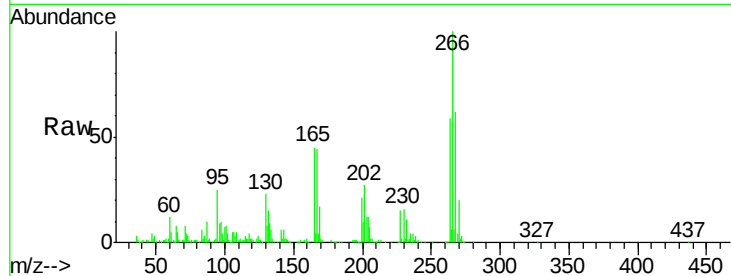




#68
 Pentachlorophenol
 Concen: 36.62 ng/ul
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG023776.D
 Acq: 19 Aug 2016 2:42

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 BNA_G
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 JHPS2MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.0	54.7	82.1
268	61.8	57.8	86.8



#77
 Pyrene
 Concen: 32.64 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.00 min
 Lab File: BG023776.D
 Acq: 19 Aug 2016 2:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.5	18.7#
100	11.0	10.2	15.4

