

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023825.D
 Acq On : 20 Aug 2016 20:20
 Operator : UM/SJ
 Sample : H4533-06MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF01-01MS

Quant Time: Aug 22 04:56:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	123337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	504490	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	312151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	697217	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	766774	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	738507	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	15115	5.56	ng/uL	0.00
5) Phenol-d5	7.25	99	402402	34.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	270312	34.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	282150	34.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	299618	33.13	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	556	0.14	ng/ul	0.06
22) 2-Nitrophenol-d4	10.00	143	164355	35.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	287391	34.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	358806	34.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	893367	34.52	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	1031887	35.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	137592	32.90	ng/ul	0.00
57) Fluorene-d10	15.76	176	775145	34.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	136244	30.83	ng/ul	0.00
70) Anthracene-d10	17.63	188	1121902	34.90	ng/ul	0.00
76) Pyrene-d10	19.92	212	1281446	34.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1196073	35.38	ng/ul	0.00

Target Compounds

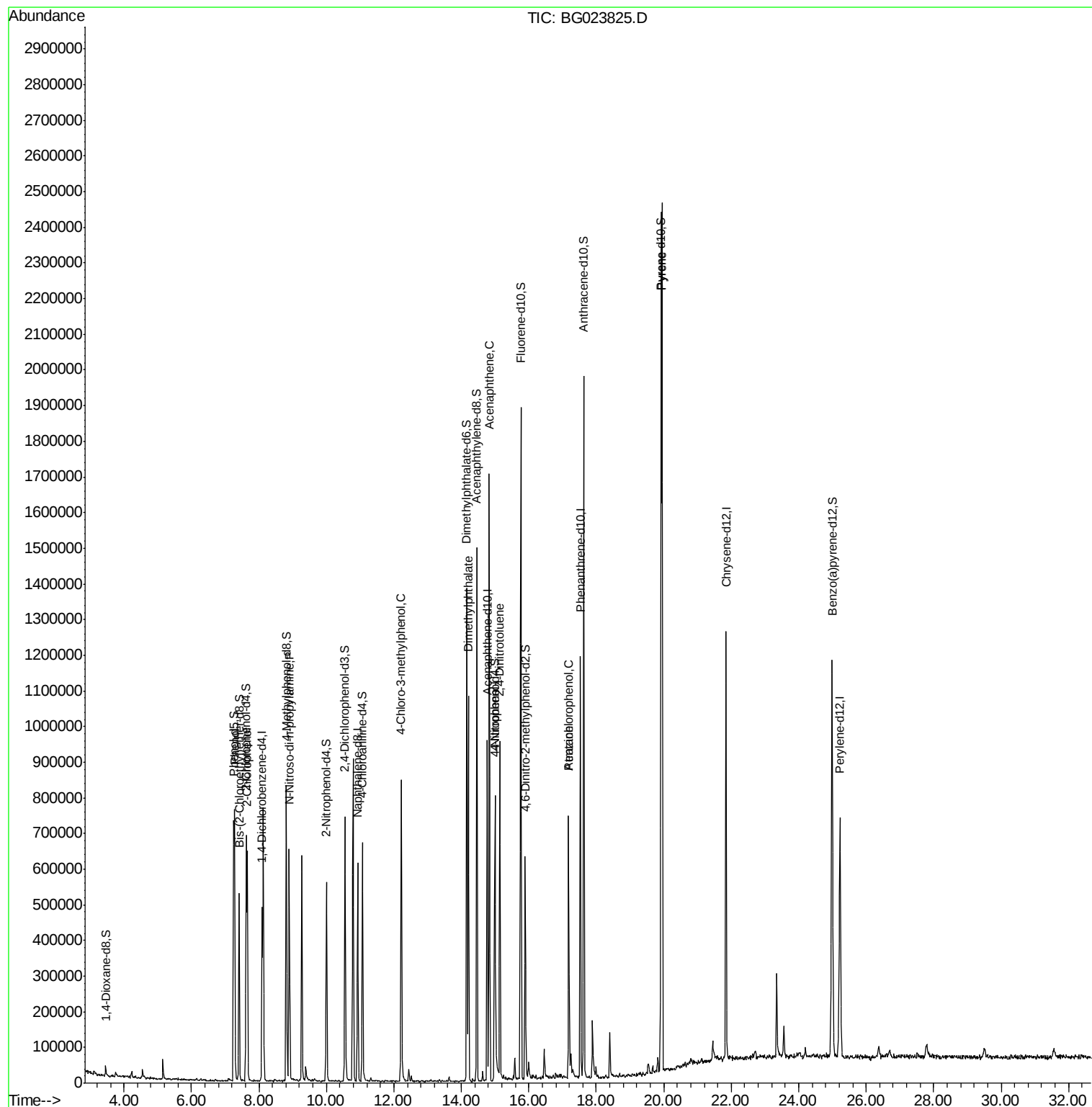
						Qvalue
6) Phenol	7.28	94	399175	33.69	ng/ul#	69
10) 2-Chlorophenol	7.65	128	261972	31.29	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.90	70	284156	31.21	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.22	107	328641	31.70	ng/ul#	82
44) Dimethylphthalate	14.21	163	658524	25.45	ng/ul	98
49) Acenaphthene	14.83	153	681838	33.35	ng/ul	95
52) 4-Nitrophenol	14.99	109	139113	33.11	ng/ul#	70
54) 2,4-Dinitrotoluene	15.14	165	261254	32.36	ng/ul#	72
67) Atrazine	17.19	200	30603	3.62	ng/ul#	38
68) Pentachlorophenol	17.19	266	139985	37.34	ng/ul	93
77) Pyrene	19.95	202	1468775	32.41	ng/ul#	92

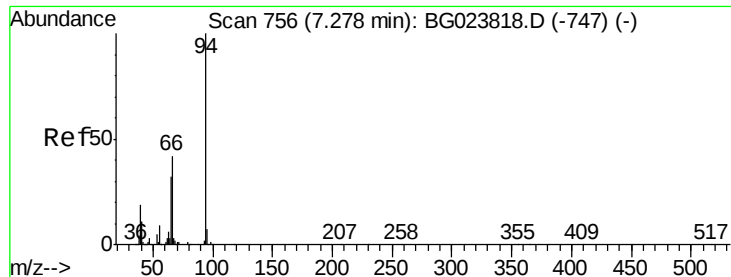
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 33.69 ng/ul

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023825.D

Acq: 20 Aug 2016 20:20

Instrument :

BNA_G

ClientSampleId :

BF01-01MS

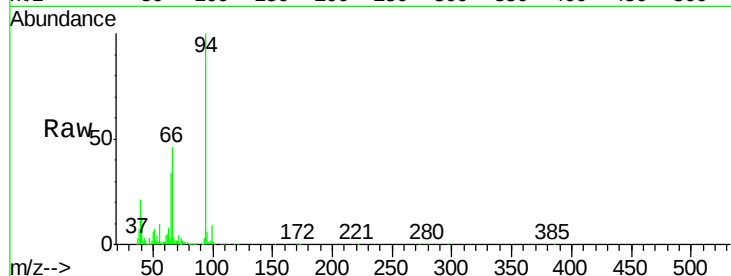
Tgt Ion: 94 Resp: 399175

Ion Ratio Lower Upper

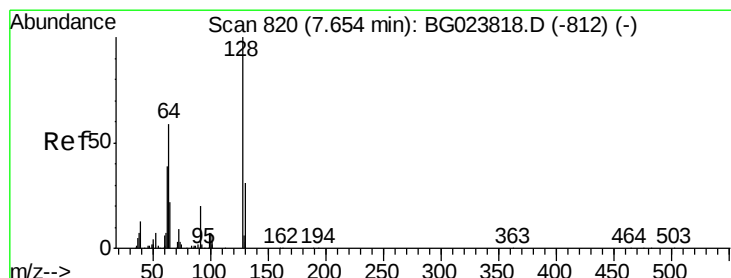
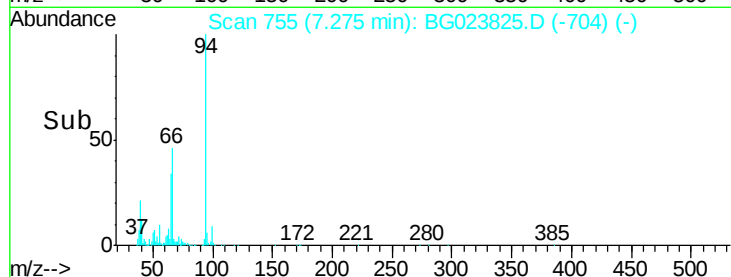
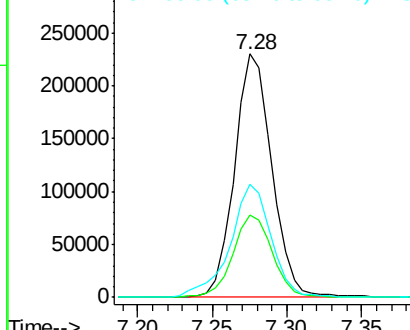
94 100

65 33.6 16.8 25.2#

66 46.2 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: 31.29 ng/ul

RT: 7.65 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG023825.D

Acq: 20 Aug 2016 20:20

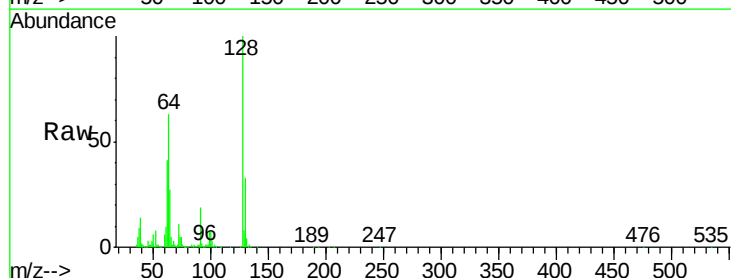
Tgt Ion: 128 Resp: 261972

Ion Ratio Lower Upper

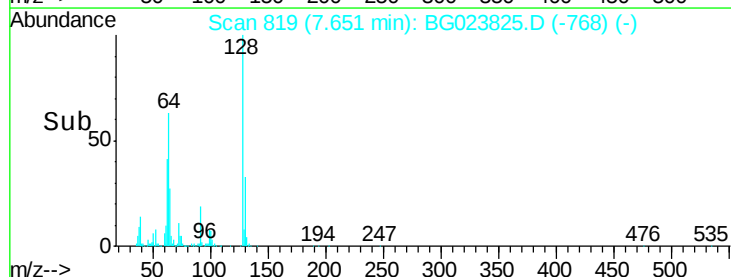
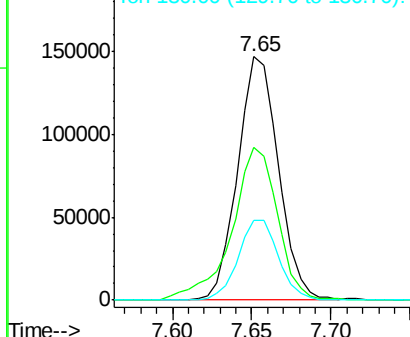
128 100

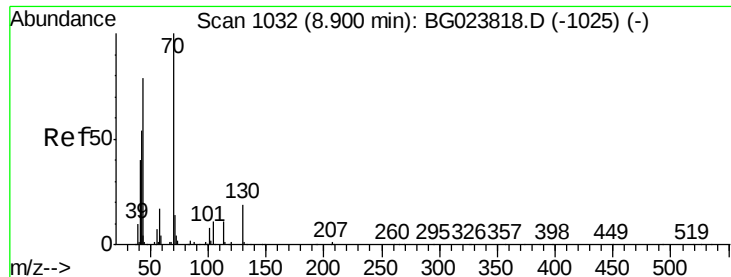
64 63.0 34.2 51.4#

130 32.8 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

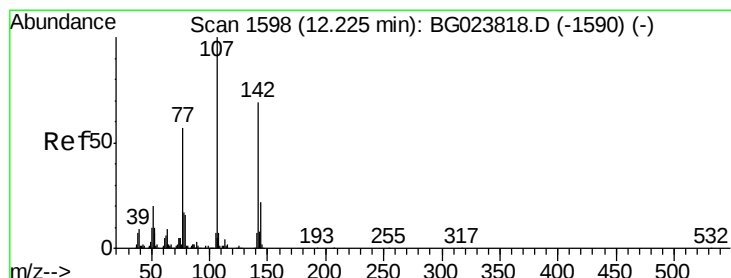
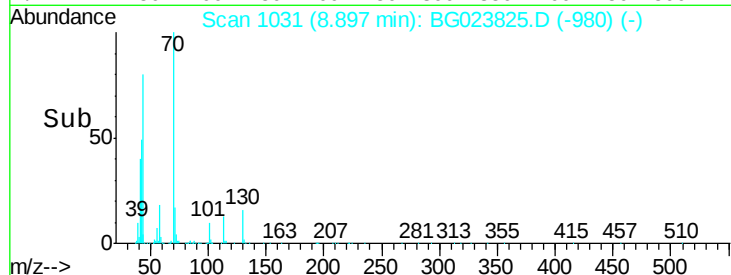
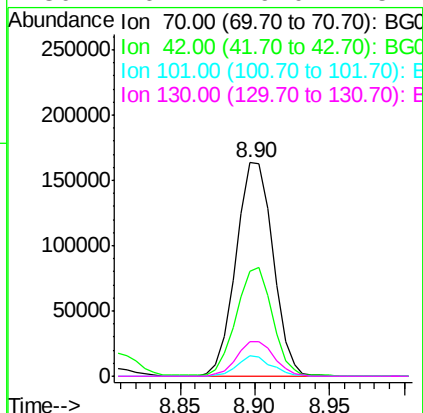
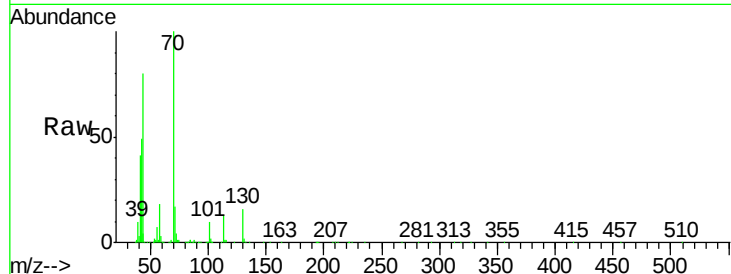




#15
N-Nitroso-di-n-propylamine
Concen: 31.21 ng/ul
RT: 8.90 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG023825.D
Acq: 20 Aug 2016 20:20

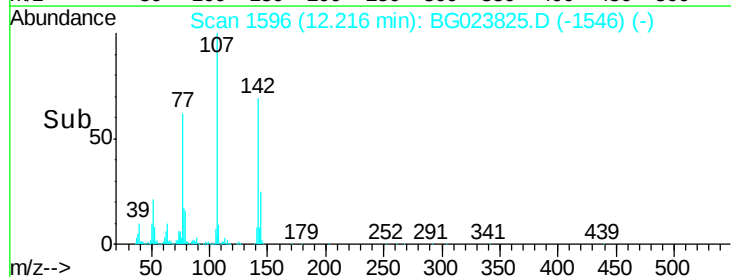
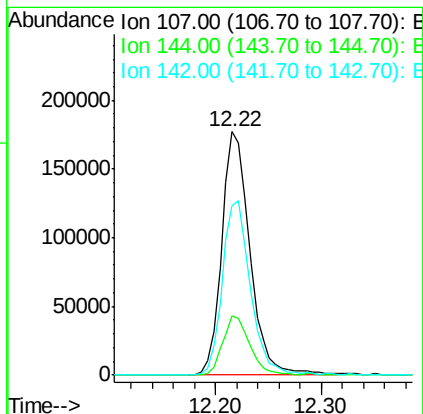
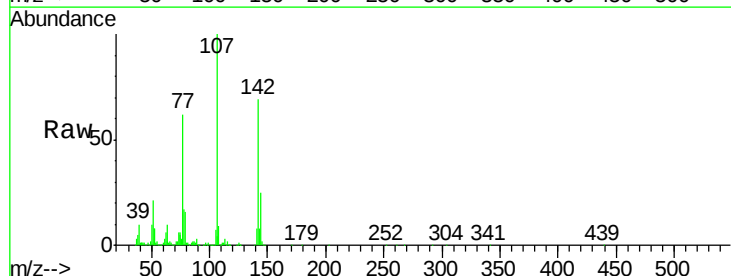
Instrument :
BNA_G
ClientSampleId :
BF01-01MS

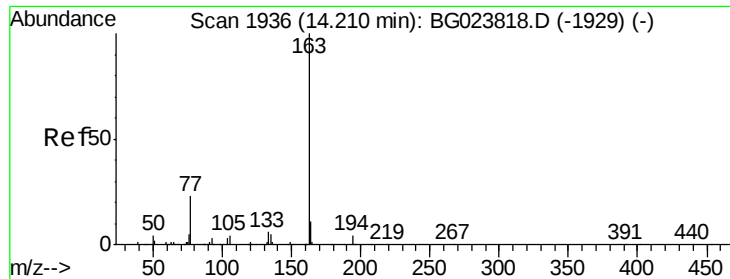
Tgt Ion:	70	Resp:	284156
Ion	Ratio	Lower	Upper
70	100		
42	48.9	31.4	47.2#
101	9.7	8.6	13.0
130	16.2	19.0	28.4#



#33
4-Chloro-3-methylphenol
Concen: 31.70 ng/ul
RT: 12.22 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BG023825.D
Acq: 20 Aug 2016 20:20

Tgt Ion:	107	Resp:	328641
Ion	Ratio	Lower	Upper
107	100		
144	24.5	22.7	34.1
142	69.3	71.6	107.4#





#44

Dimethylphthalate

Concen: 25.45 ng/ul

RT: 14.21 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG023825.D

Acq: 20 Aug 2016 20:20

Instrument :

BNA_G

ClientSampleId :

BF01-01MS

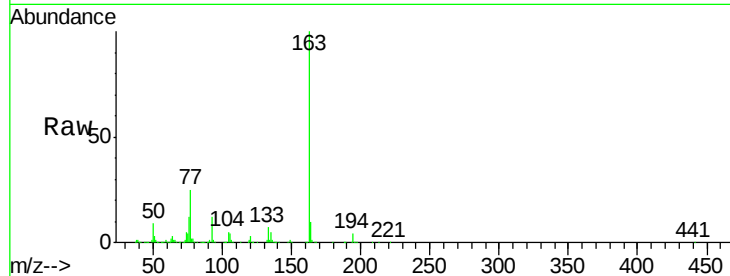
Tgt Ion:163 Resp: 658524

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

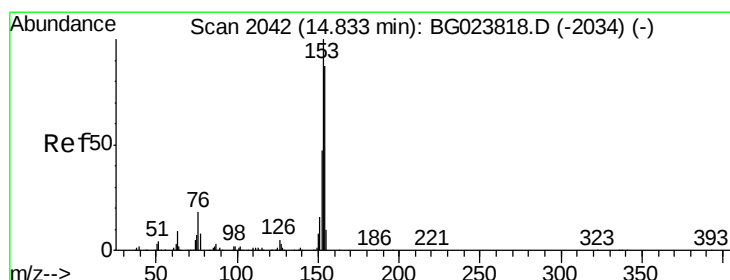
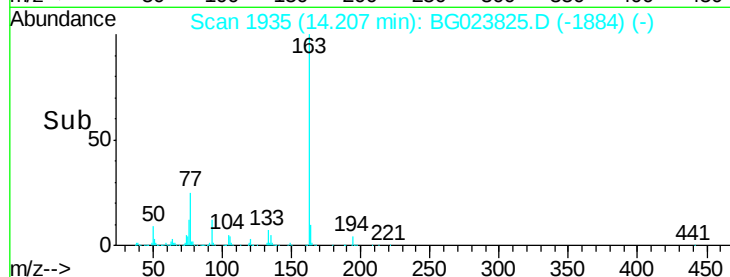
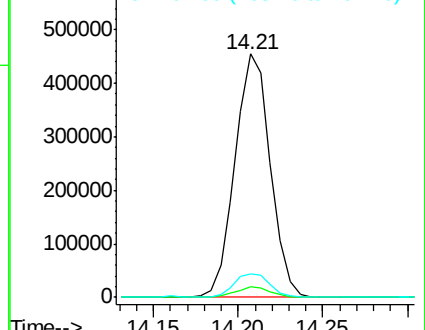
164 9.8 8.8 13.2



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: 33.35 ng/ul

RT: 14.83 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG023825.D

Acq: 20 Aug 2016 20:20

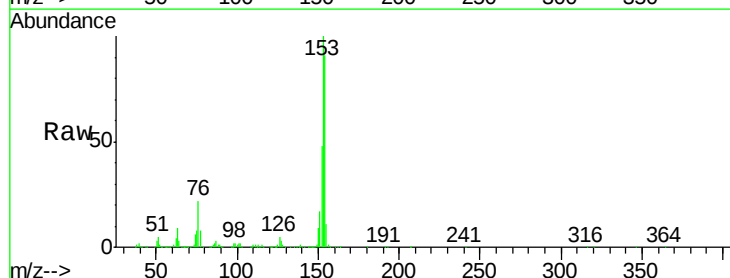
Tgt Ion:153 Resp: 681838

Ion Ratio Lower Upper

153 100

152 48.3 37.3 55.9

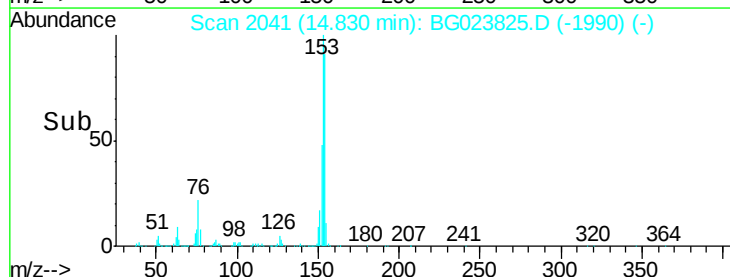
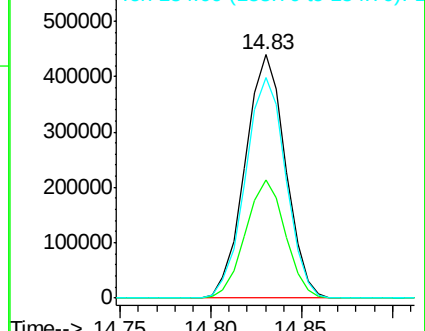
154 90.5 68.2 102.2

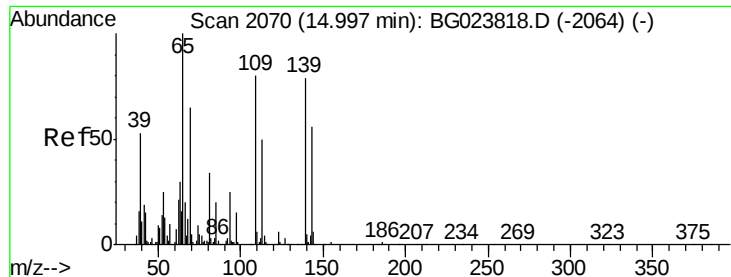


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

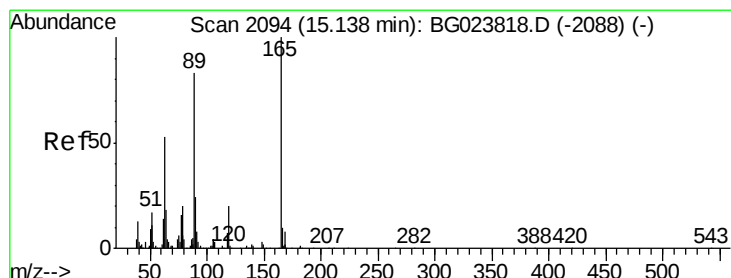
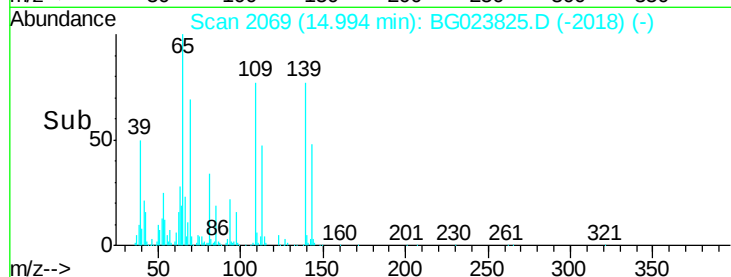
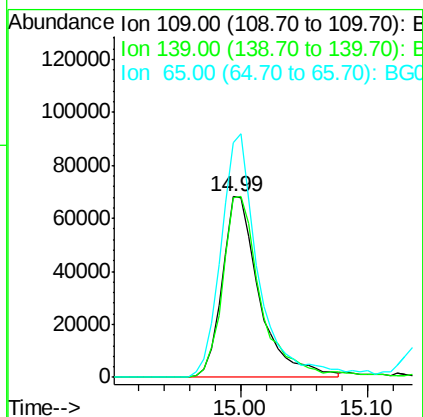
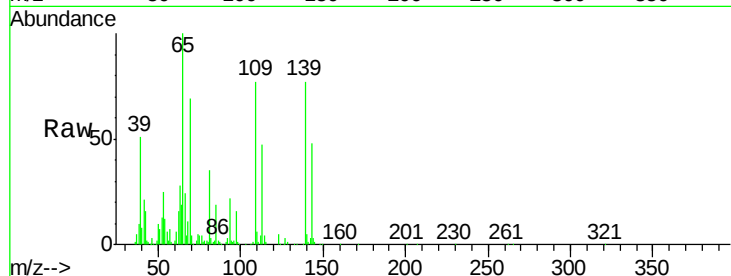




#52
4-Nitrophenol
Concen: 33.11 ng/ul
RT: 14.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG023825.D
Acq: 20 Aug 2016 20:20

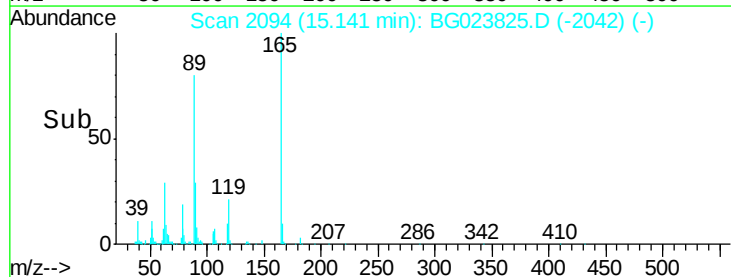
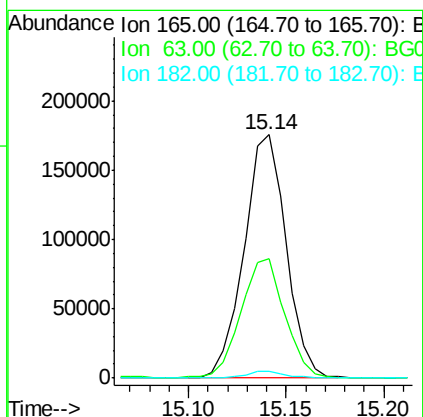
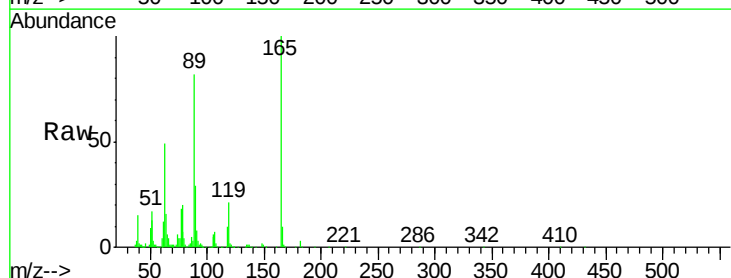
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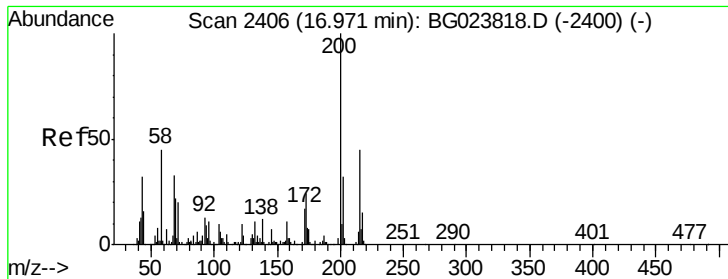
Tgt Ion	Ratio	Lower	Upper
109	100		
139	99.6	136.1	204.1#
65	129.7	106.0	159.0



#54
2,4-Dinitrotoluene
Concen: 32.36 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG023825.D
Acq: 20 Aug 2016 20:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	25.7	38.5#
182	2.6	2.1	3.1

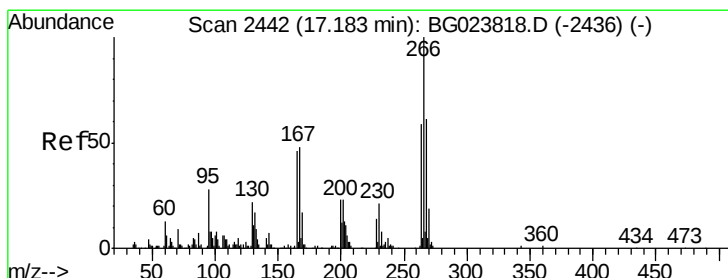
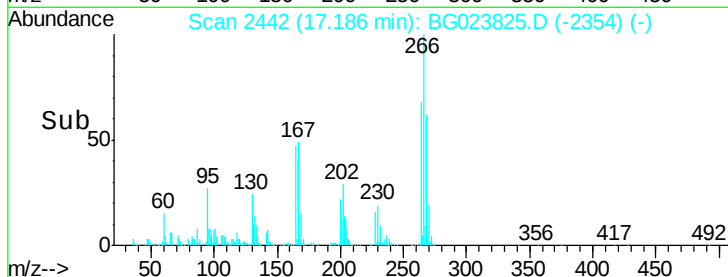
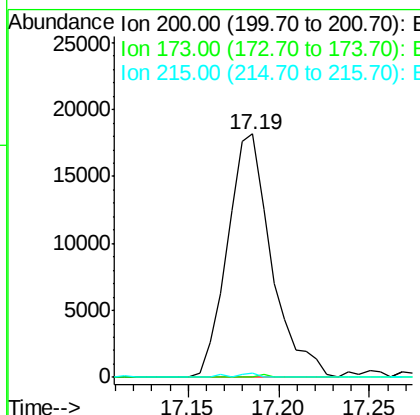
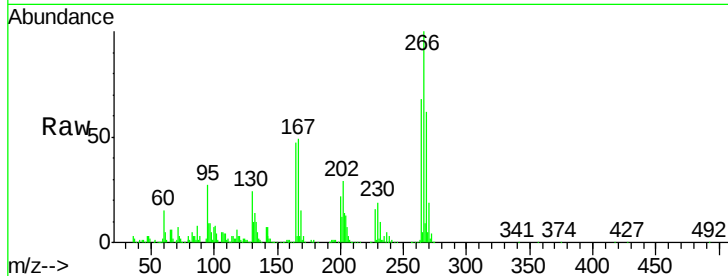




#67
 Atrazine
 Concen: 3.62 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.21 min
 Lab File: BG023825.D
 Acq: 20 Aug 2016 20:20

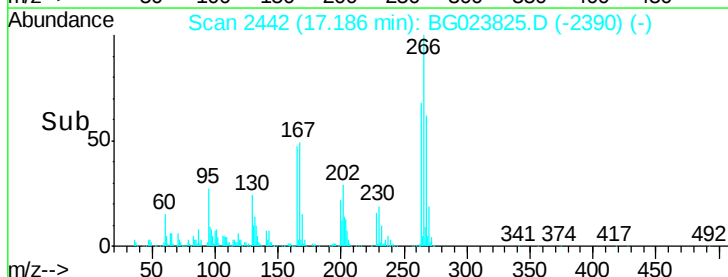
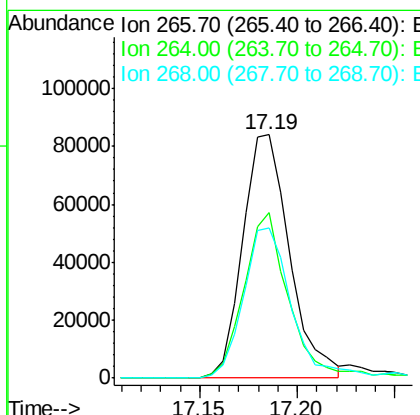
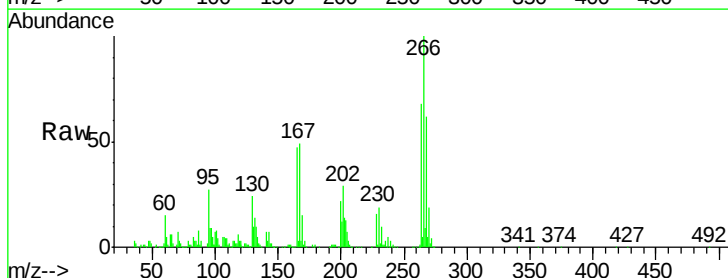
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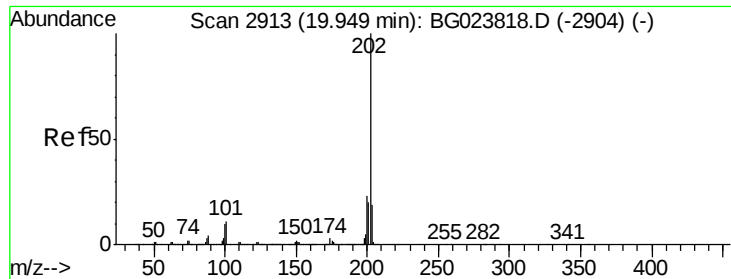
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.0	31.6#
215	1.6	37.9	56.9#



#68
 Pentachlorophenol
 Concen: 37.34 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG023825.D
 Acq: 20 Aug 2016 20:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.2	54.7	82.1
268	61.7	57.8	86.8





#77

Pyrene

Concen: 32.41 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023825.D

Acq: 20 Aug 2016 20:20

Instrument :

BNA_G

ClientSampleId :

BF01-01MS

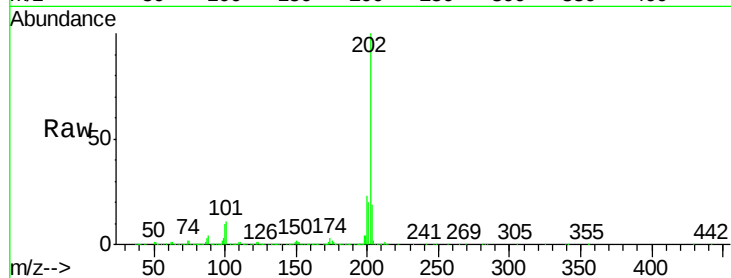
Tgt Ion: 202 Resp: 1468775

Ion Ratio Lower Upper

202 100

101 11.4 12.5 18.7#

100 10.2 10.2 15.4#



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

