

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
 Data File : BG021257.D
 Acq On : 4 Mar 2016 6:08
 Operator : UM/SJ
 Sample : H1583-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9R44MS

Quant Time: Mar 04 07:18:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 02:35:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	54430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	32291	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	78738	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	88089	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	80990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	76	0.27	ng/uL	0.00
5) Phenol-d5	7.28	99	6121	5.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	19397	24.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	16182	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	11006	11.70	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10991	24.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	11256	23.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	17582	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.14	166	71762	26.52	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	83920	24.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2575	4.88	ng/ul	0.00
58) Fluorene-d10	15.73	176	61701	25.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	12572	22.25	ng/ul	0.00
71) Anthracene-d10	17.57	188	101563	25.94	ng/ul	0.00
79) Pyrene-d10	19.84	212	117169	26.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	111344	25.47	ng/ul	0.00

Target Compounds

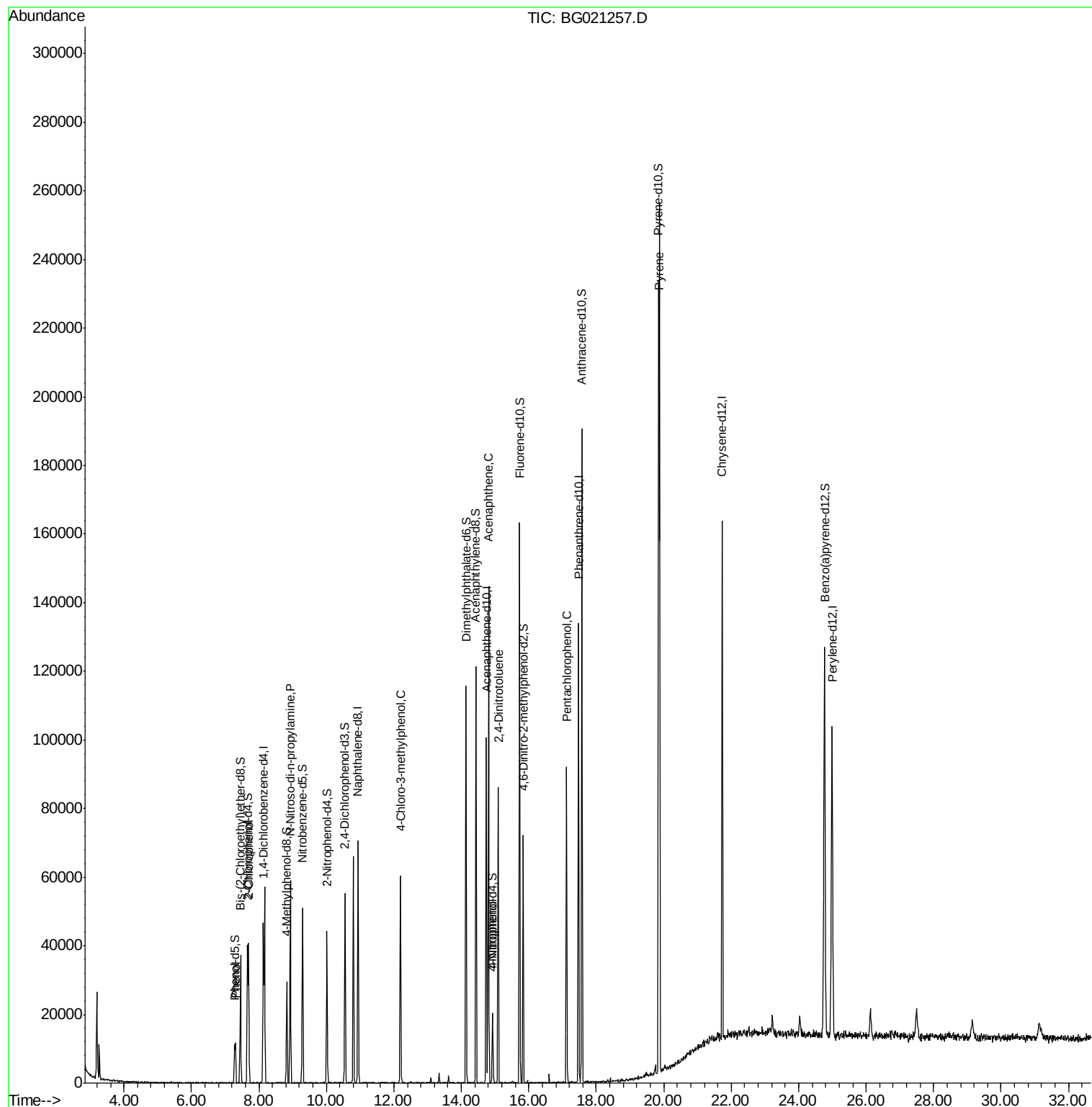
						Ovalue
6) Phenol	7.31	94	6007	4.67	ng/ul#	87
10) 2-Chlorophenol	7.69	128	16086	17.97	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.93	70	22809	23.13	ng/ul#	97
33) 4-Chloro-3-methylphenol	12.20	107	21554	18.38	ng/ul	94
50) Acenaphthene	14.80	153	57041	23.83	ng/ul	96
53) 4-Nitrophenol	14.93	109	3304	5.18	ng/ul	93
55) 2,4-Dinitrotoluene	15.09	165	21184	24.01	ng/ul	99
69) Pentachlorophenol	17.12	266	13166	22.21	ng/ul	87
80) Pvrene	19.87	202	142031	24.06	ng/ul	97

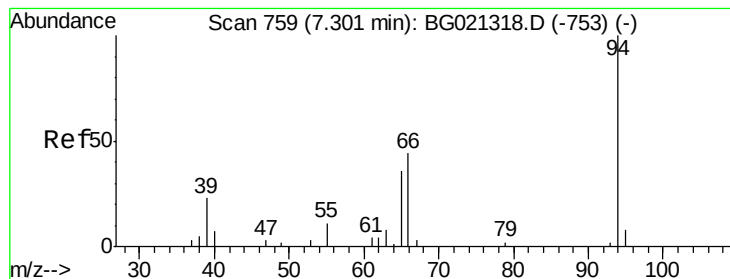
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.67 ng/ul

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG021257.D

Acq: 4 Mar 2016 6:08

Instrument :

BNA_G

ClientSampleId :

D9R44MS

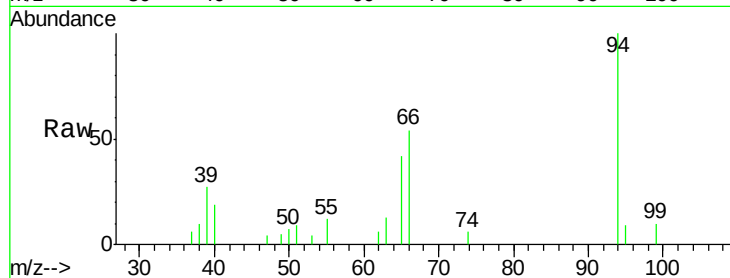
Tot Ion: 94 Resp: 6007

Ion Ratio Lower Upper

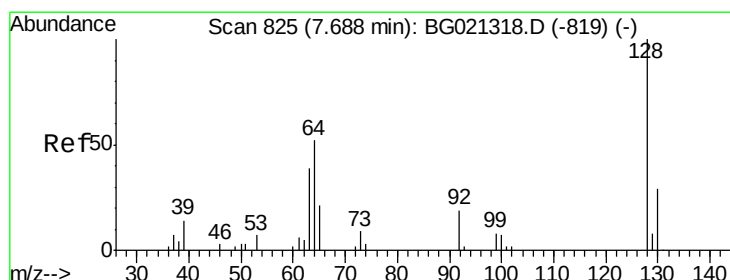
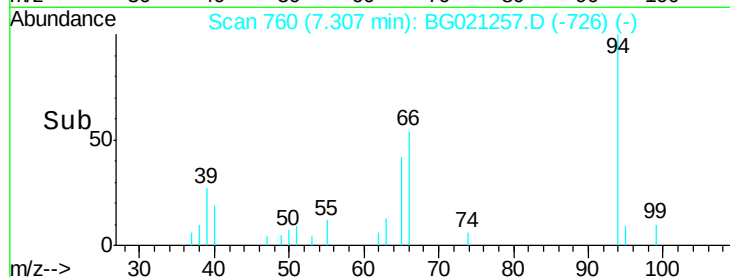
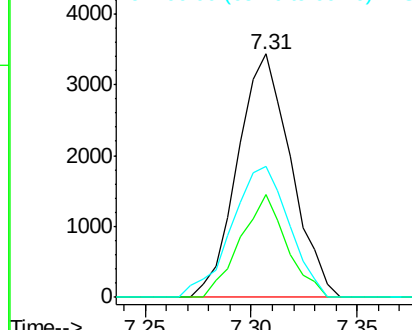
94 100

65 42.3 28.6 42.8

66 53.8 35.5 53.3#



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: 17.97 ng/ul

RT: 7.69 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG021257.D

Acq: 4 Mar 2016 6:08

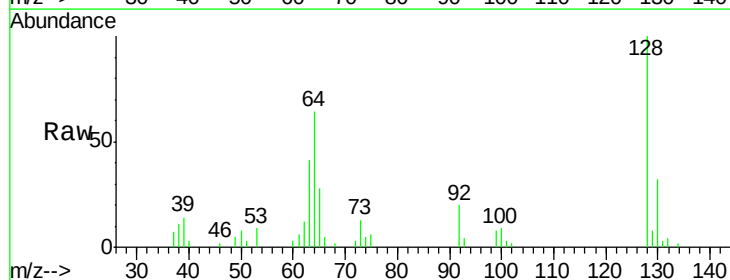
Tgt Ion: 128 Resp: 16086

Ion Ratio Lower Upper

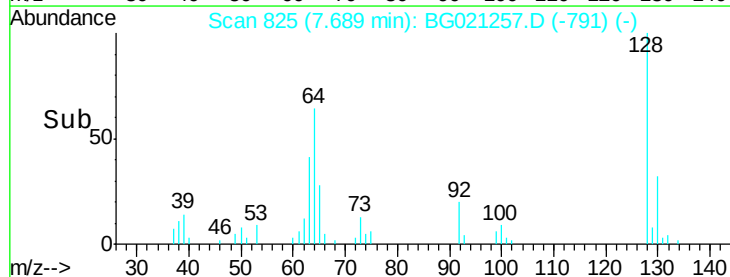
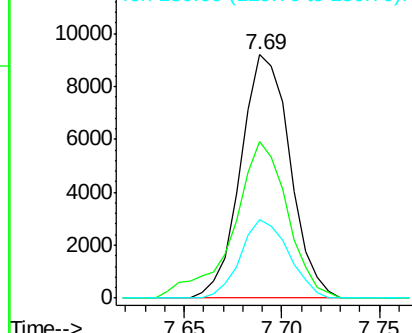
128 100

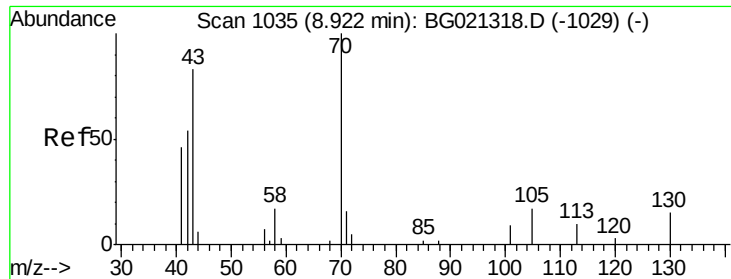
64 64.5 45.4 68.2

130 32.3 25.6 38.4



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: 23.13 ng/ul

RT: 8.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG021257.D

Acq: 4 Mar 2016 6:08

Instrument :

BNA_G

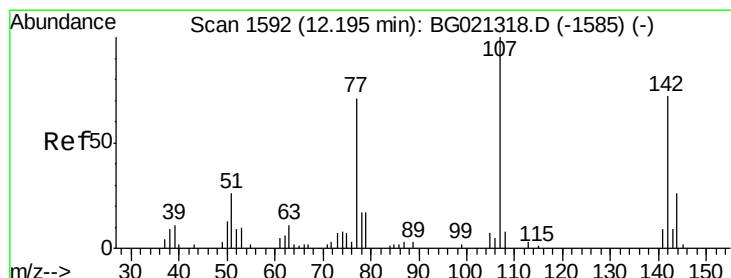
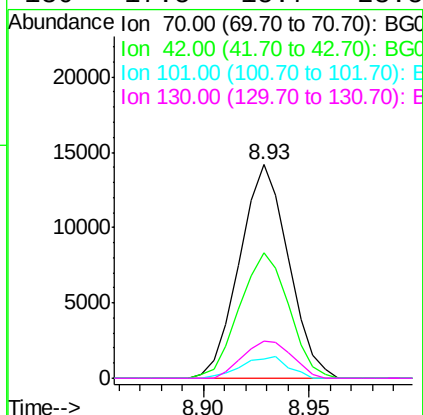
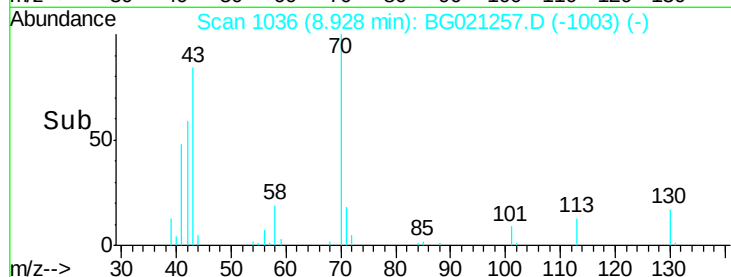
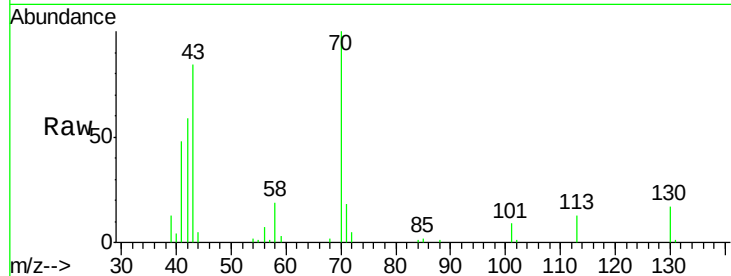
ClientSampleId :

D9R44MS

Tot Ion: 70 Resp: 22809

Ion Ratio Lower Upper

70	100		
42	58.8	45.7	68.5
101	8.9	5.7	8.5#
130	17.5	15.7	23.5



#33

4-Chloro-3-methylphenol

Concen: 18.38 ng/ul

RT: 12.20 min Scan# 1592

Delta R.T. -0.00 min

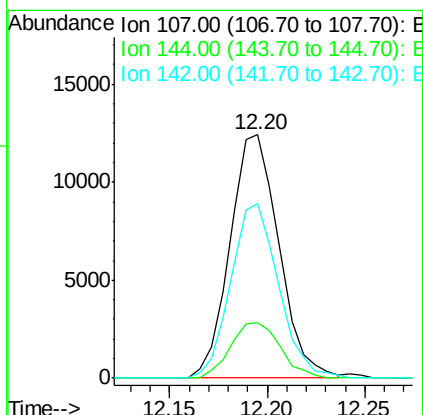
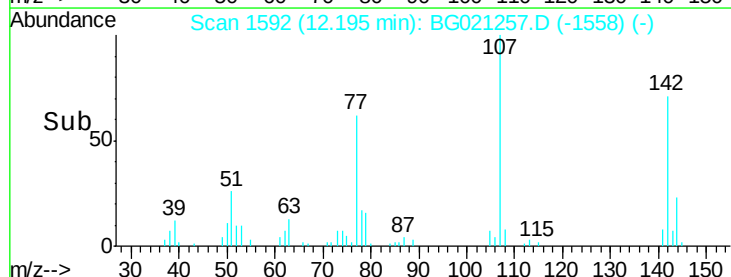
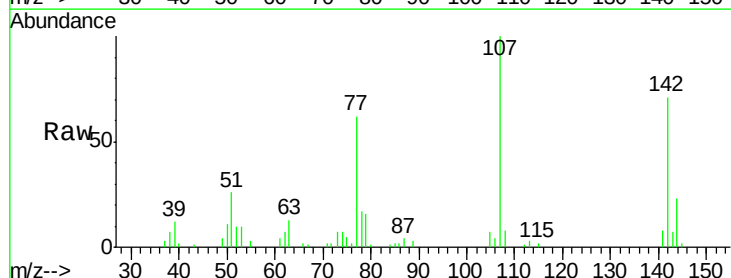
Lab File: BG021257.D

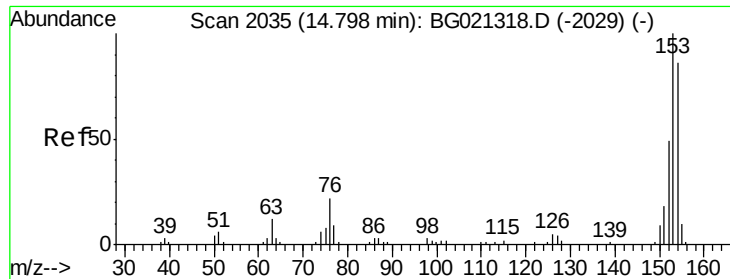
Acq: 4 Mar 2016 6:08

Tgt Ion: 107 Resp: 21554

Ion Ratio Lower Upper

107	100		
144	22.8	19.4	29.2
142	71.4	53.0	79.4





#50

Acenaphthene

Concen: 23.83 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG021257.D

Acq: 4 Mar 2016 6:08

Instrument :

BNA_G

ClientSampleId :

D9R44MS

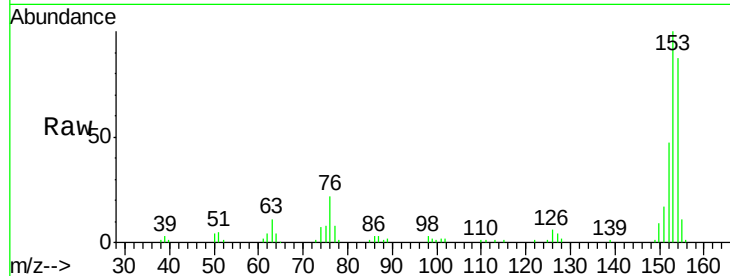
Tot Ion:153 Resp: 57041

Ion Ratio Lower Upper

153 100

152 46.7 39.0 58.6

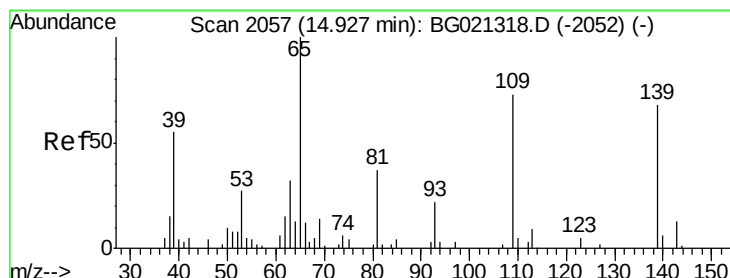
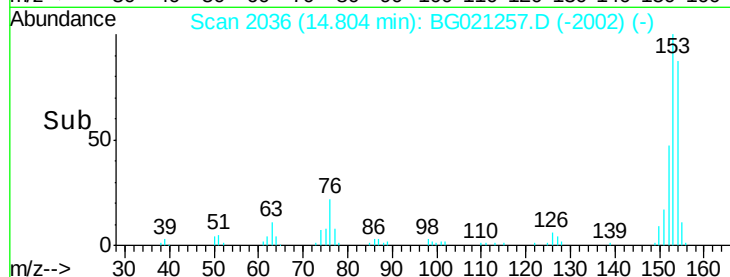
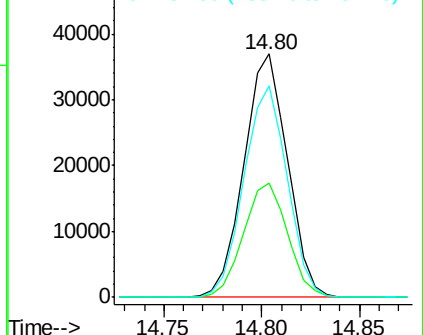
154 87.0 66.8 100.2



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



#53

4-Nitrophenol

Concen: 5.18 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG021257.D

Acq: 4 Mar 2016 6:08

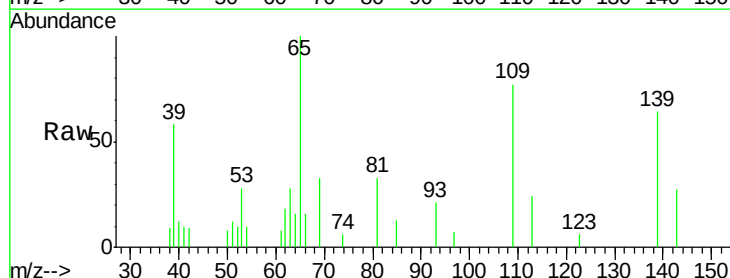
Tgt Ion:109 Resp: 3304

Ion Ratio Lower Upper

109 100

139 82.9 78.2 117.4

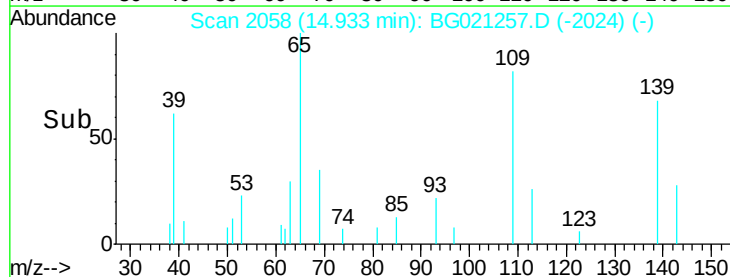
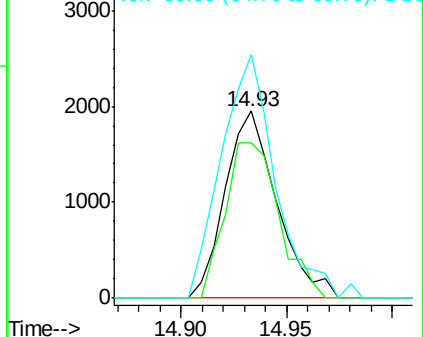
65 130.2 105.3 157.9

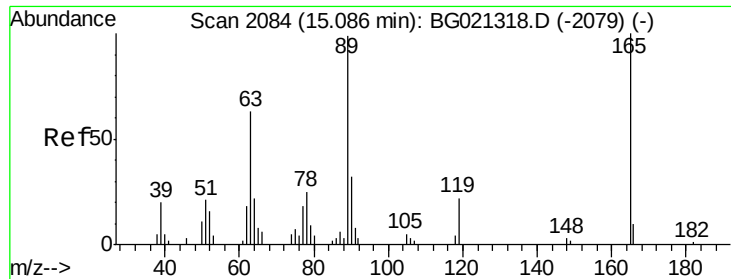


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

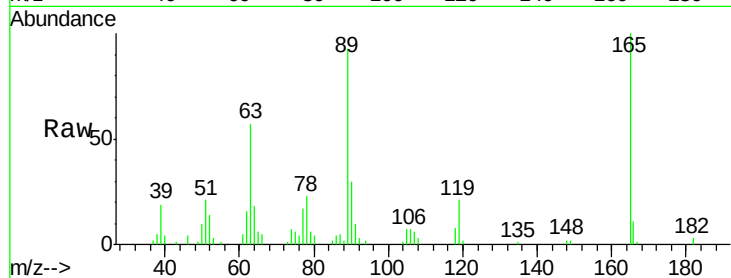




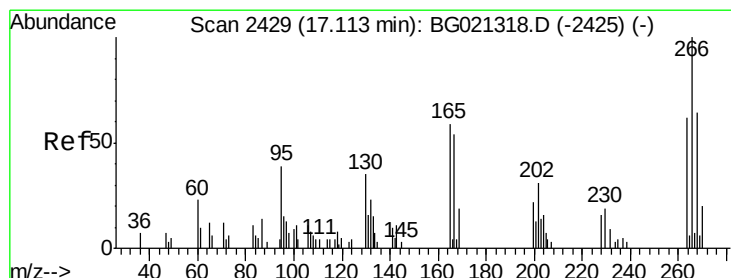
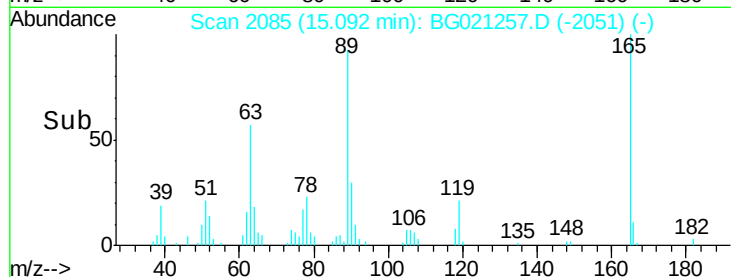
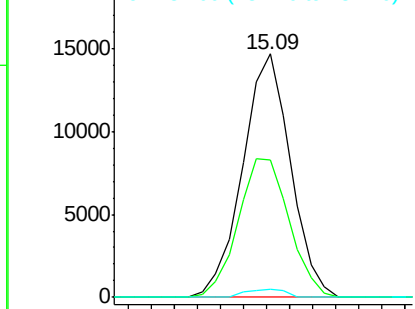
#55
 2,4-Dinitrotoluene
 Concen: 24.01 ng/ul
 RT: 15.09 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG021257.D
 Acq: 4 Mar 2016 6:08

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Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	45.8	68.6
182	3.1	2.5	3.7

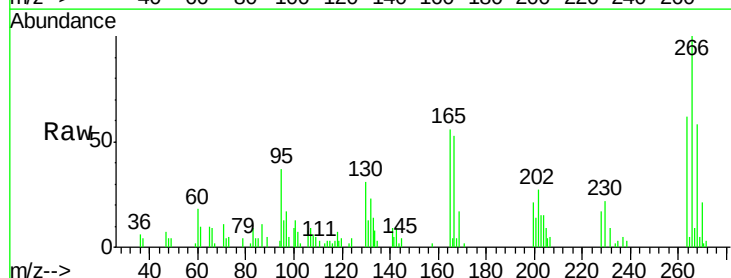


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

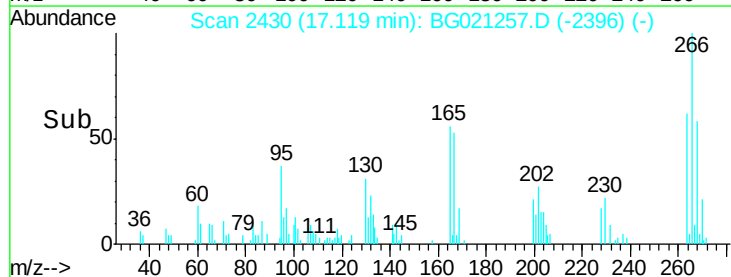
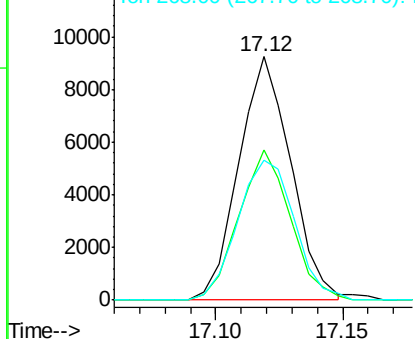


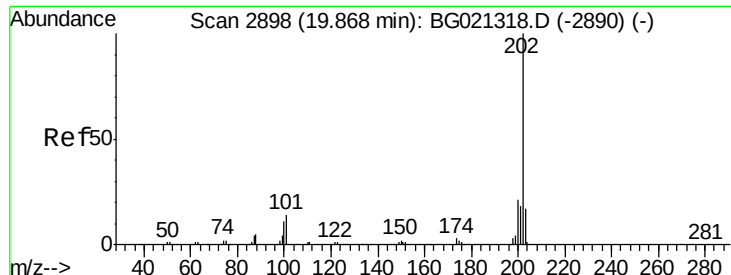
#69
 Pentachlorophenol
 Concen: 22.21 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG021257.D
 Acq: 4 Mar 2016 6:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.6	45.3	67.9
268	62.2	58.0	87.0



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
 Pvrene
 Concen: 24.06 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BG021257.D
 Acq: 4 Mar 2016 6:08

Instrument :
 BNA_G
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.0	16.4
100	11.7	8.1	12.1

