

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030316\
 Data File : BG021258.D
 Acq On : 4 Mar 2016 6:47
 Operator : UM/SJ
 Sample : H1583-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9R44MSD

Quant Time: Mar 04 07:29:23 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	11737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	57754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	33460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	76899	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	86745	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	80898	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	245	0.85	ng/uL	0.00
5) Phenol-d5	7.28	99	6636	5.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	21252	25.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17399	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	12298	12.53	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	11562	24.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12615	25.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	18957	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	520	0.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	71564	25.52	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	89153	25.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2729	4.99	ng/ul	0.00
58) Fluorene-d10	15.73	176	62744	25.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	11813	21.40	ng/ul	0.00
71) Anthracene-d10	17.57	188	99682	26.07	ng/ul	0.00
79) Pyrene-d10	19.84	212	113494	25.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	106186	24.31	ng/ul	0.00

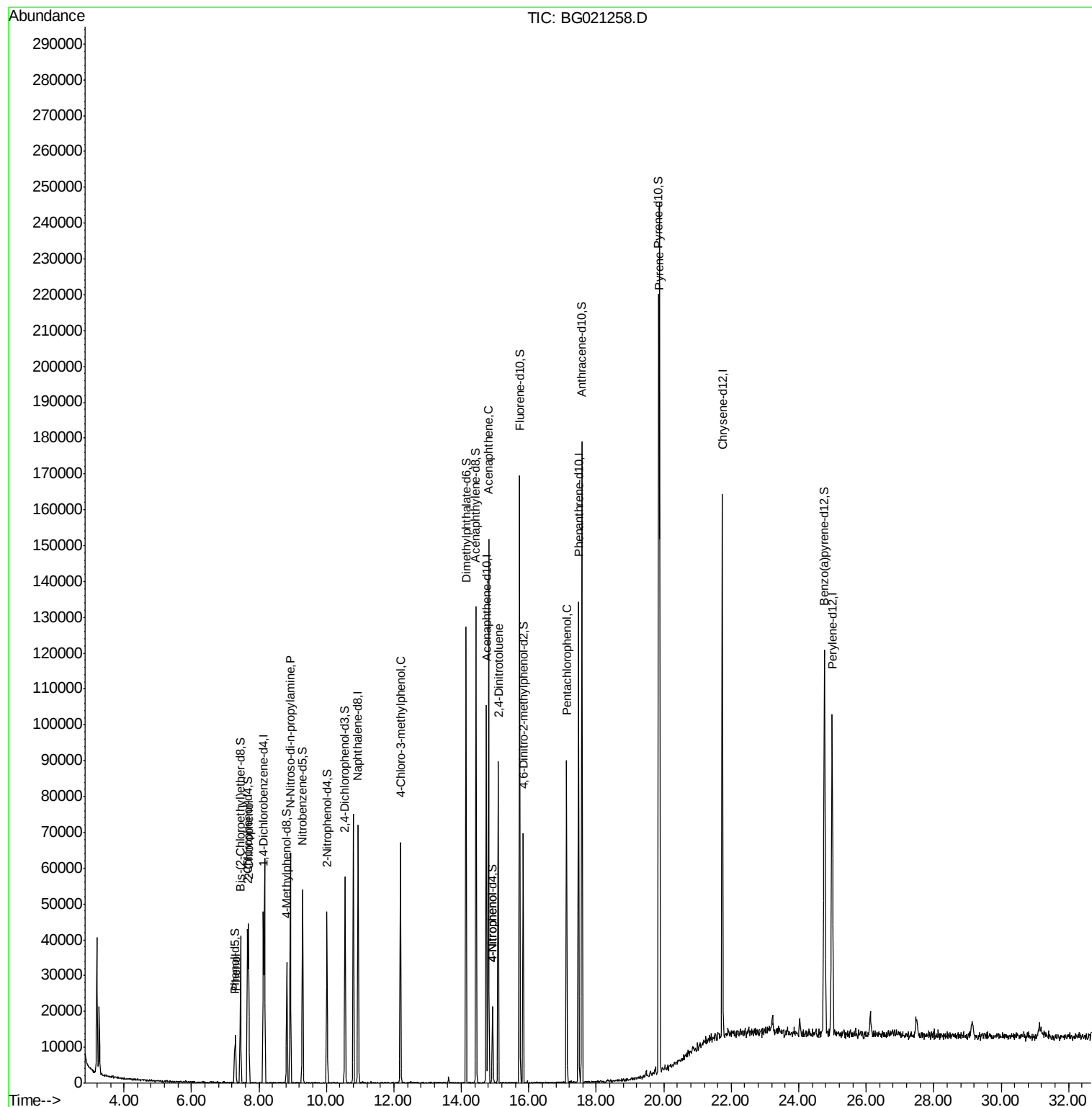
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.31	94	7272	5.42	ng/ul	95
10) 2-Chlorophenol	7.69	128	17840	19.11	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.93	70	25537	24.82	ng/ul	97
33) 4-Chloro-3-methylphenol	12.19	107	23262	18.70	ng/ul	96
50) Acenaphthene	14.80	153	60178	24.26	ng/ul	98
53) 4-Nitrophenol	14.93	109	3186	4.82	ng/ul	86
55) 2,4-Dinitrotoluene	15.09	165	21310	23.31	ng/ul	99
69) Pentachlorophenol	17.12	266	13138	22.69	ng/ul	94
80) Pyrene	19.87	202	138096	23.76	ng/ul	98

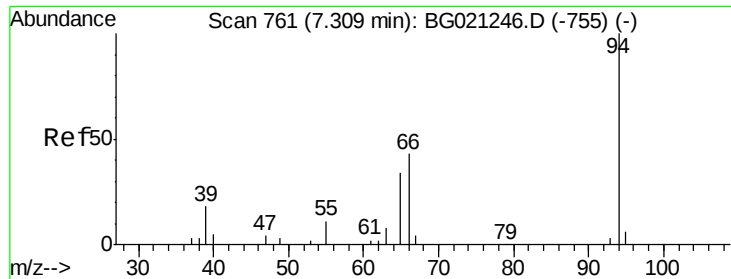
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.42 ng/ul

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG021258.D

Acq: 4 Mar 2016 6:47

Instrument :

BNA_G

ClientSampleId :

D9R44MSD

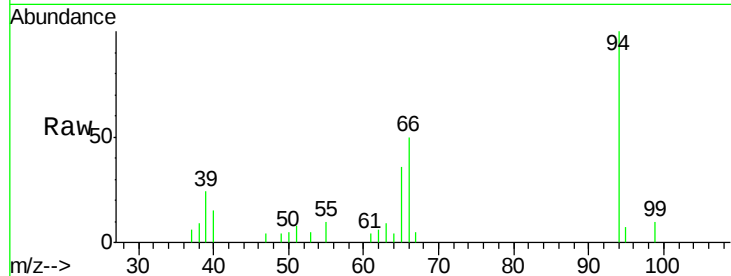
Tgt Ion: 94 Resp: 7272

Ion Ratio Lower Upper

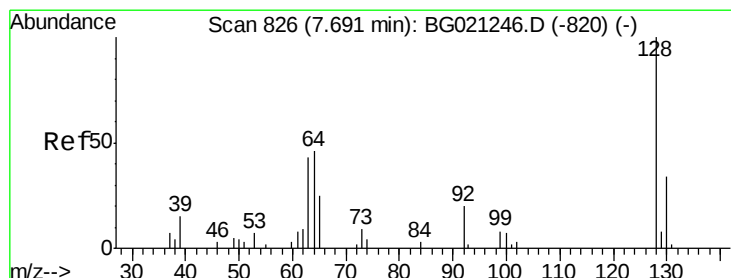
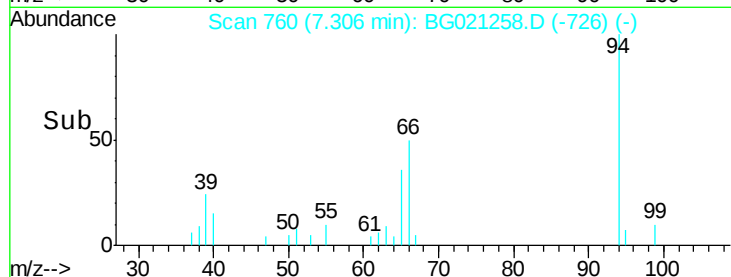
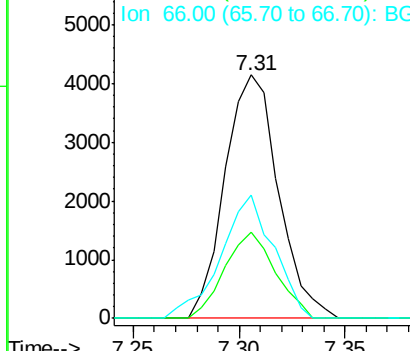
94 100

65 35.6 28.6 42.8

66 50.5 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: 19.11 ng/ul

RT: 7.69 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG021258.D

Acq: 4 Mar 2016 6:47

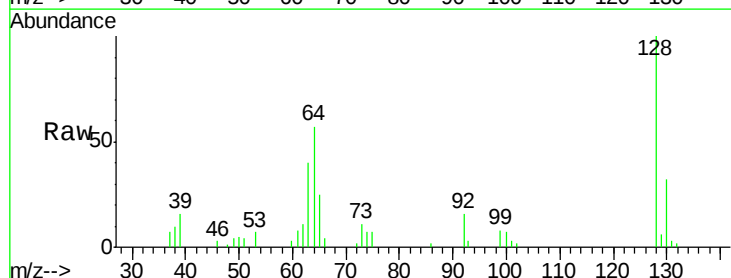
Tgt Ion: 128 Resp: 17840

Ion Ratio Lower Upper

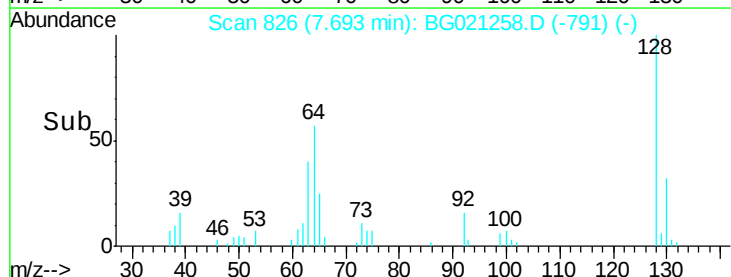
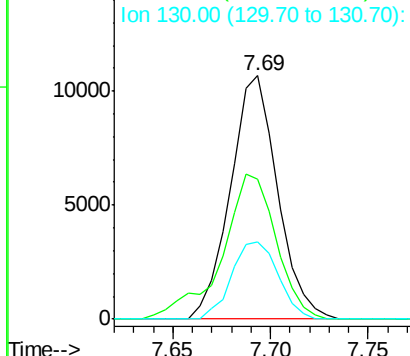
128 100

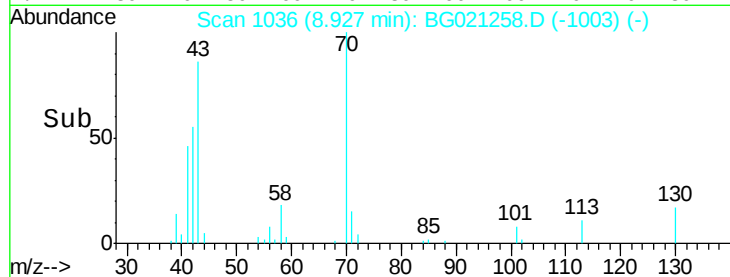
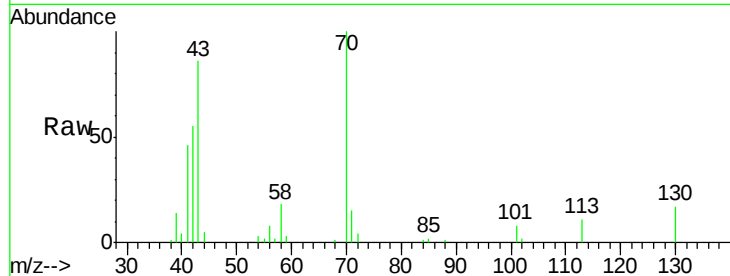
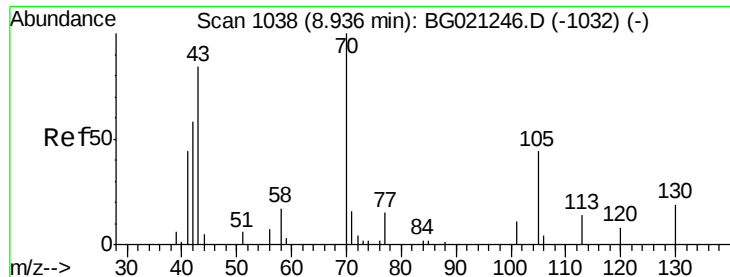
64 57.4 45.4 68.2

130 31.6 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

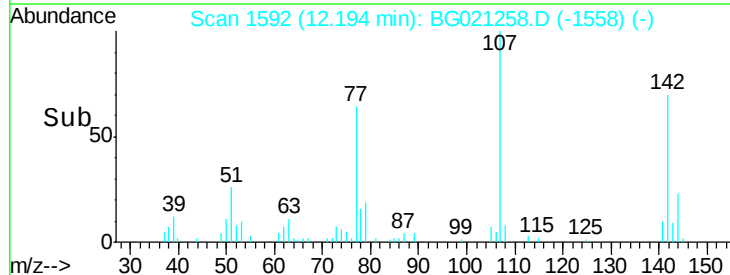
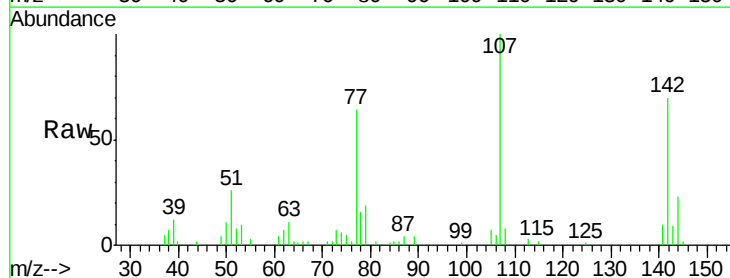
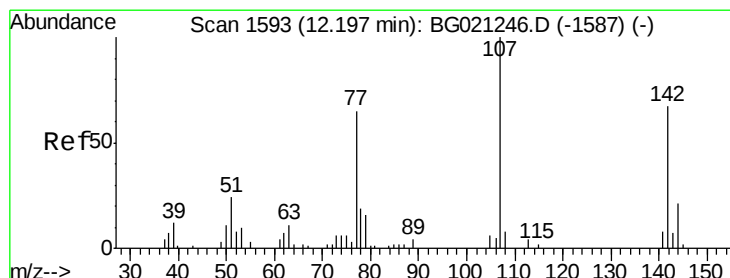
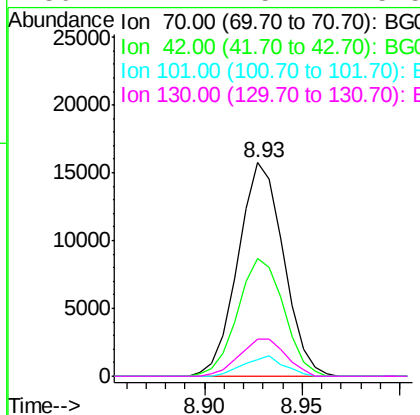




#15
N-Nitroso-di-n-propylamine
Concen: 24.82 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021258.D
Acq: 4 Mar 2016 6:47

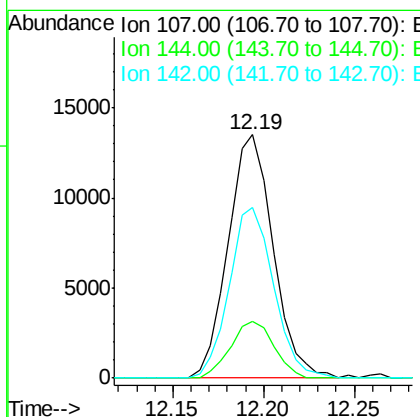
Instrument :
BNA_G
ClientSampleId :
D9R44MSD

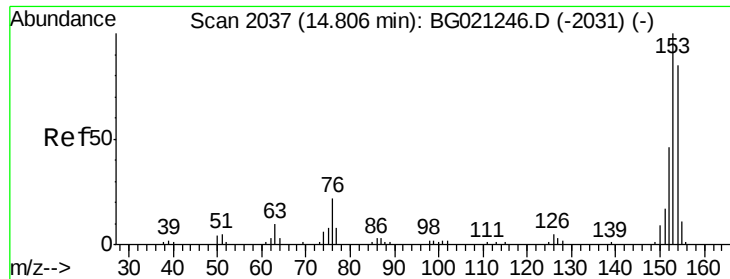
Tgt Ion: 70 Resp: 25537
Ion Ratio Lower Upper
70 100
42 54.9 45.7 68.5
101 7.5 5.7 8.5
130 17.2 15.7 23.5



#33
4-Chloro-3-methylphenol
Concen: 18.70 ng/ul
RT: 12.19 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG021258.D
Acq: 4 Mar 2016 6:47

Tgt Ion: 107 Resp: 23262
Ion Ratio Lower Upper
107 100
144 23.3 19.4 29.2
142 70.1 53.0 79.4





#50

Acenaphthene

Concen: 24.26 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG021258.D

Acq: 4 Mar 2016 6:47

Instrument :

BNA_G

ClientSampleId :

D9R44MSD

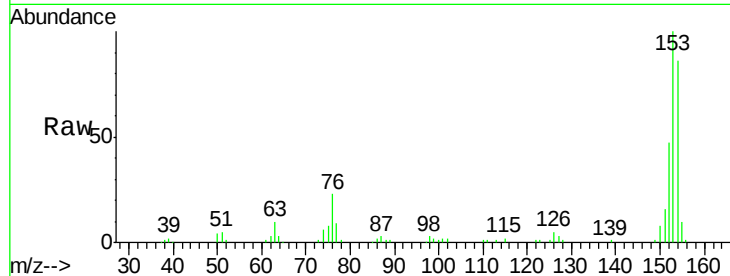
Tgt Ion:153 Resp: 60178

Ion Ratio Lower Upper

153 100

152 47.1 39.0 58.6

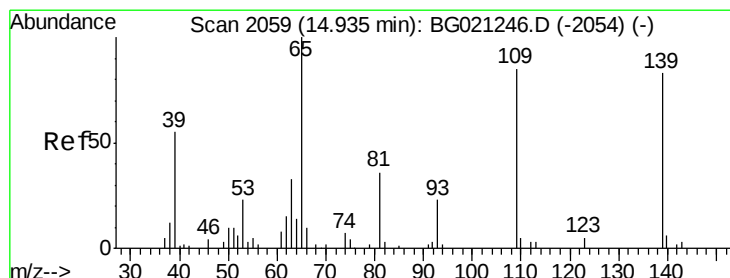
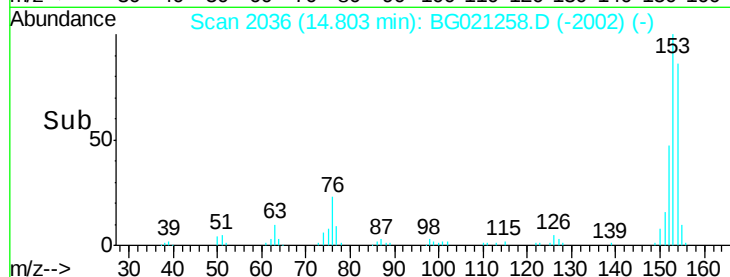
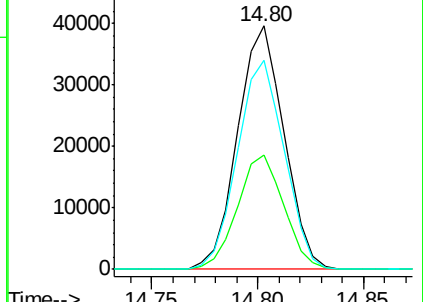
154 85.6 66.8 100.2



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: 4.82 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG021258.D

Acq: 4 Mar 2016 6:47

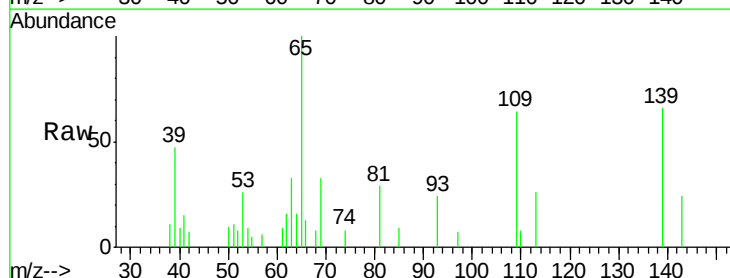
Tgt Ion:109 Resp: 3186

Ion Ratio Lower Upper

109 100

139 102.8 78.2 117.4

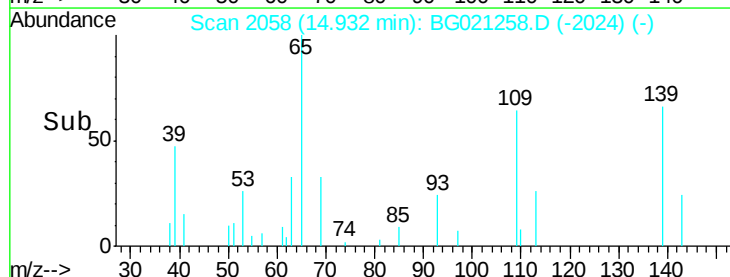
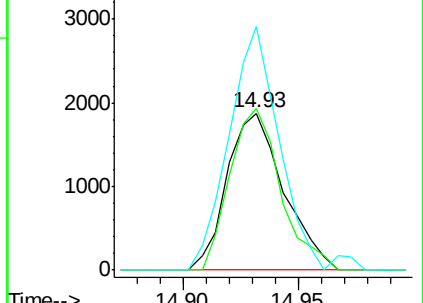
65 155.3 105.3 157.9

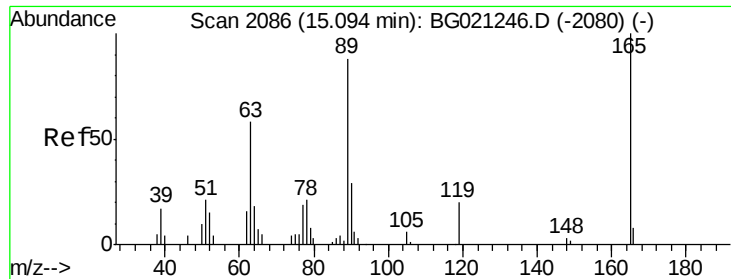


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

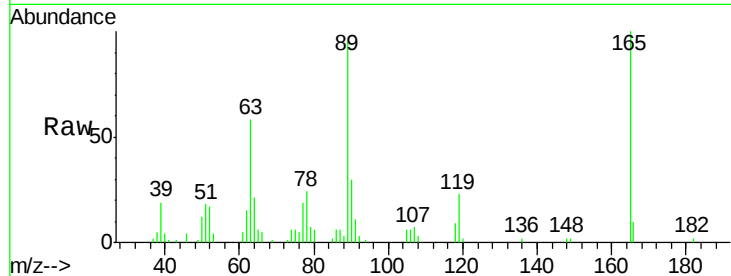




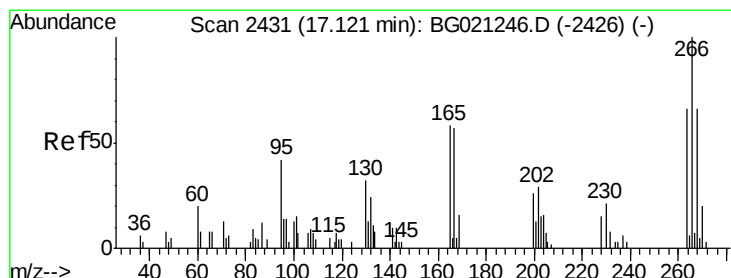
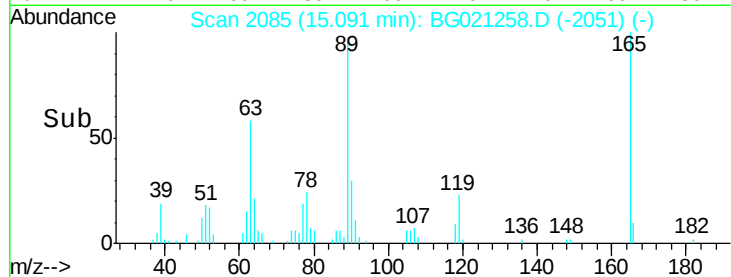
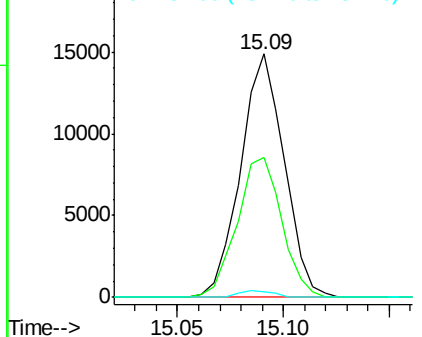
#55
 2,4-Dinitrotoluene
 Concen: 23.31 ng/ul
 RT: 15.09 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG021258.D
 Acq: 4 Mar 2016 6:47

Instrument :
 BNA_G
 ClientSampleId :
 D9R44MSD

Tgt Ion:165 Resp: 21310
 Ion Ratio Lower Upper
 165 100
 63 57.5 45.8 68.6
 182 2.5 2.5 3.7

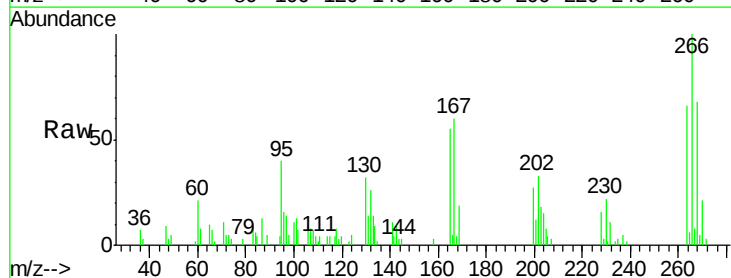


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

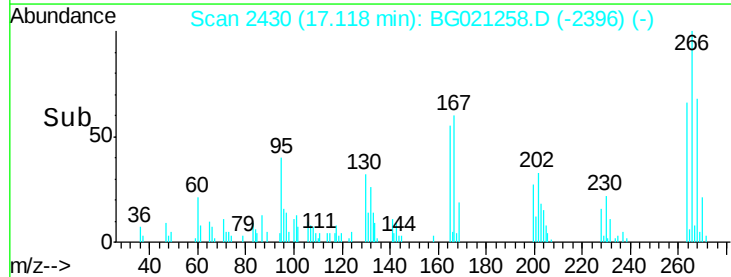
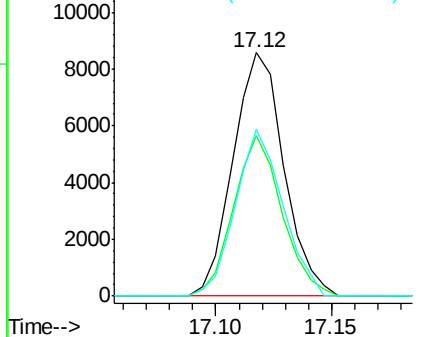


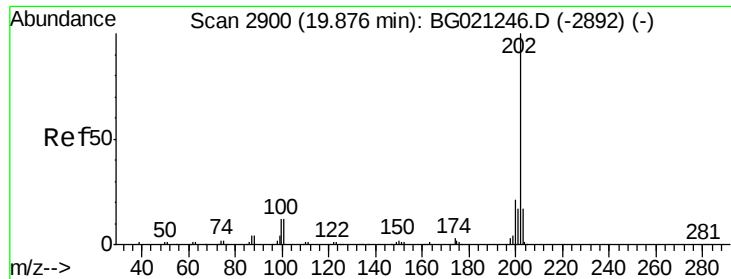
#69
 Pentachlorophenol
 Concen: 22.69 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG021258.D
 Acq: 4 Mar 2016 6:47

Tgt Ion:266 Resp: 13138
 Ion Ratio Lower Upper
 266 100
 264 65.6 45.3 67.9
 268 73.7 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

Pyrene

Concen: 23.76 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG021258.D

Acq: 4 Mar 2016 6:47

Instrument :

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ClientSampleId :

D9R44MSD

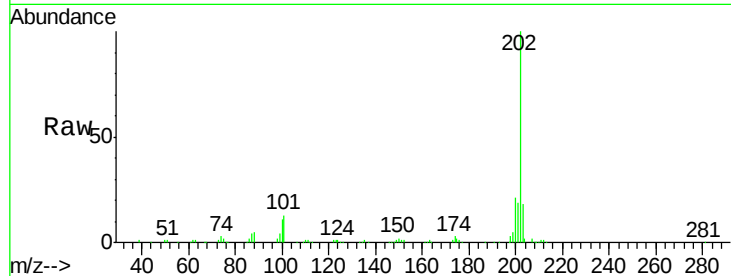
Tgt Ion: 202 Resp: 138096

Ion Ratio Lower Upper

202 100

101 13.2 11.0 16.4

100 11.3 8.1 12.1



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

