

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025050.D
 Acq On : 10 Dec 2016 1:13
 Operator : UM/SJ
 Sample : H5860-11MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8D7MS

Quant Time: Dec 12 02:41:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 02:37:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	89141	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	411531	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	350284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	769597	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	946877	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	865186	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	4353	2.52	ng/uL	0.00
5) Phenol-d5	7.39	99	168063	21.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	92681	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	116505	21.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	143082	22.26	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	64374	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	75038	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	149988	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	43898	6.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	424057	17.60	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	588064	22.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	70784	17.09	ng/ul	0.00
57) Fluorene-d10	15.85	176	489479	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.03	200	218	0.05	ng/ul	0.06
70) Anthracene-d10	17.70	188	719113	22.14	ng/ul	0.00
76) Pyrene-d10	19.98	212	924441	23.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	811459	23.15	ng/ul	0.00

Target Compounds

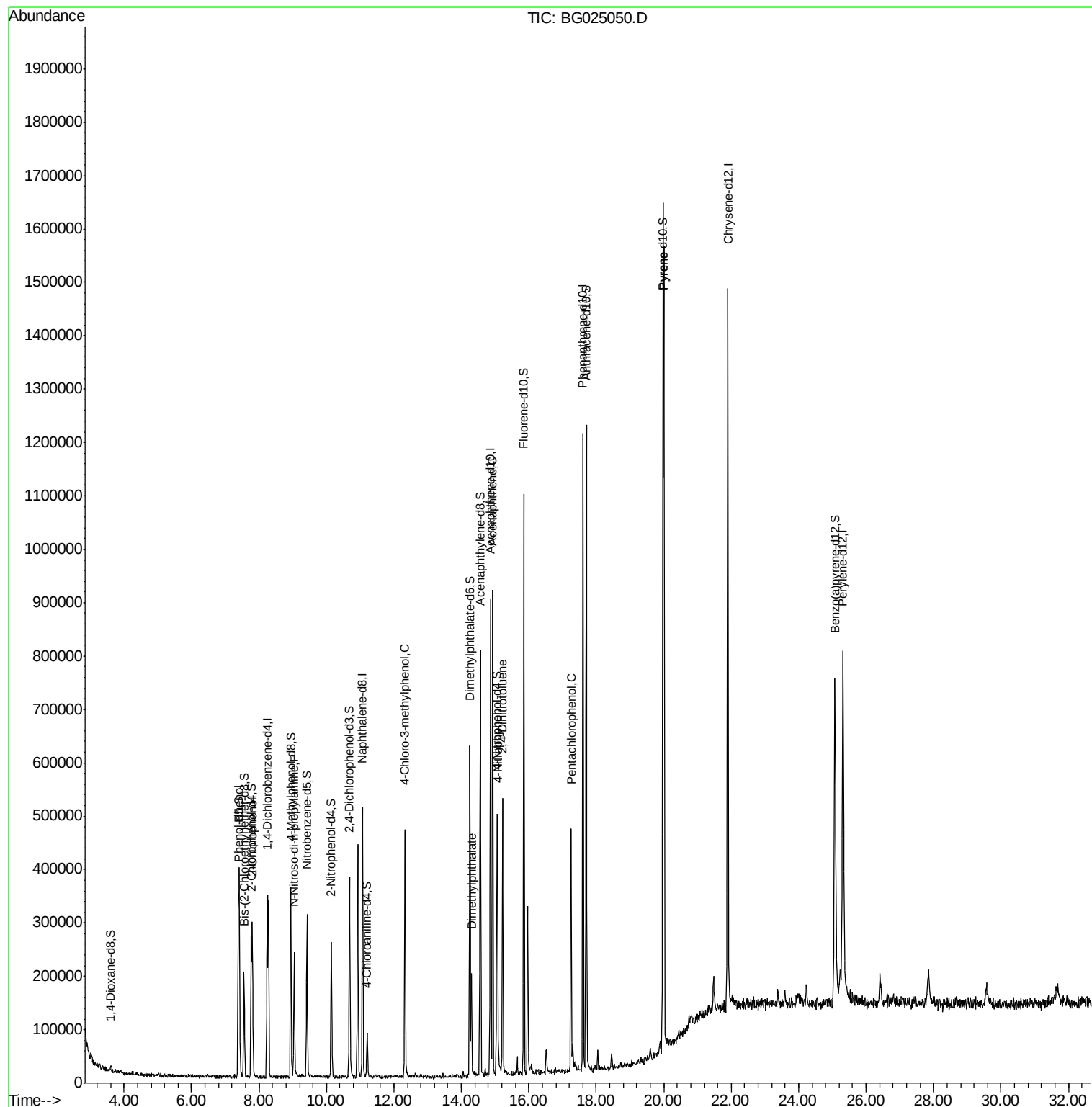
						Qvalue
6) Phenol	7.42	94	194689	24.66	ng/ul	96
10) 2-Chlorophenol	7.80	128	113253	20.95	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.04	70	90193	15.97	ng/ul	87
33) 4-Chloro-3-methylphenol	12.33	107	177833	21.27	ng/ul	99
44) Dimethylphthalate	14.30	163	122469	5.17	ng/ul#	96
49) Acenaphthene	14.92	153	386290	21.98	ng/ul	99
52) 4-Nitrophenol	15.07	109	84541	16.97	ng/ul	94
54) 2,4-Dinitrotoluene	15.22	165	146435	19.10	ng/ul#	89
68) Pentachlorophenol	17.25	266	99793	16.98	ng/ul	94
77) Pyrene	20.01	202	1064341	23.38	ng/ul	96

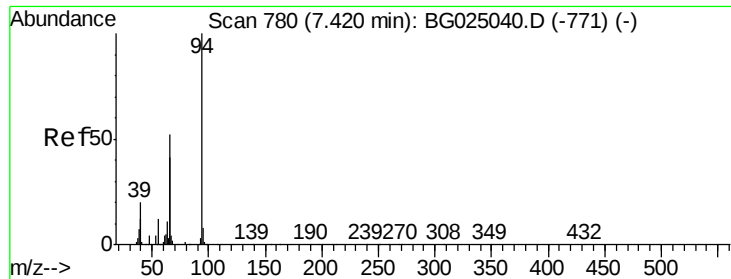
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 24.66 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025050.D

Acq: 10 Dec 2016 1:13

Instrument :

BNA_G

ClientSampleId :

DA8D7MS

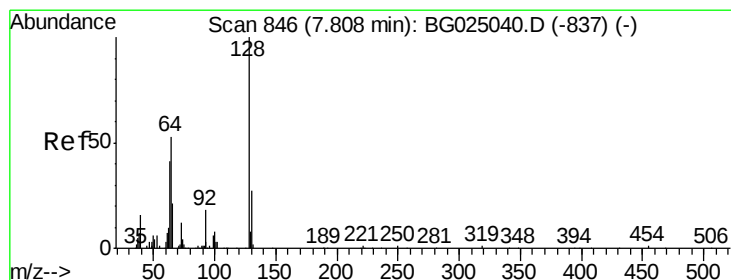
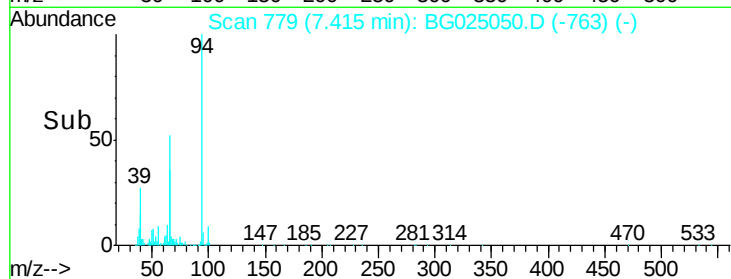
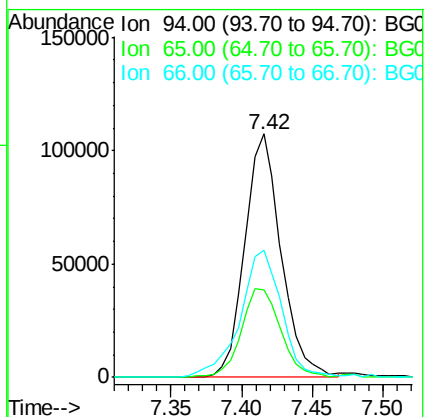
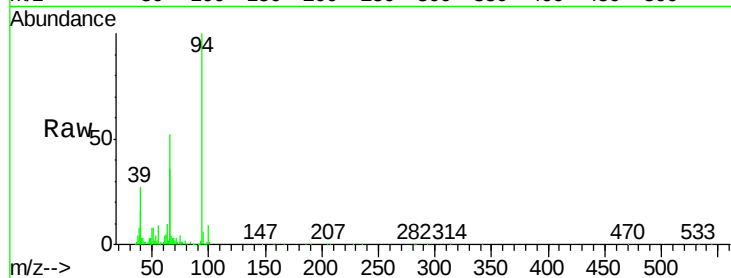
Tgt Ion: 94 Resp: 194689

Ion Ratio Lower Upper

94 100

65 35.7 26.8 40.2

66 52.3 44.4 66.6



#10

2-Chlorophenol

Concen: 20.95 ng/ul

RT: 7.80 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG025050.D

Acq: 10 Dec 2016 1:13

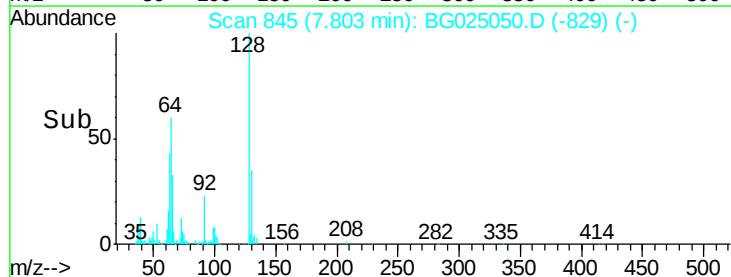
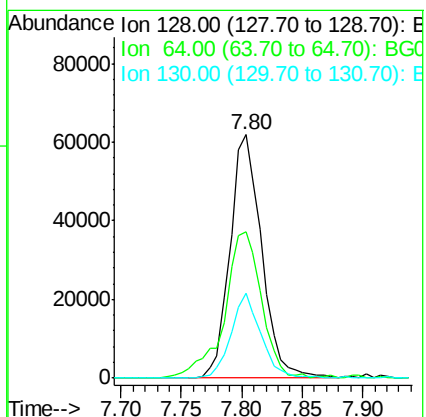
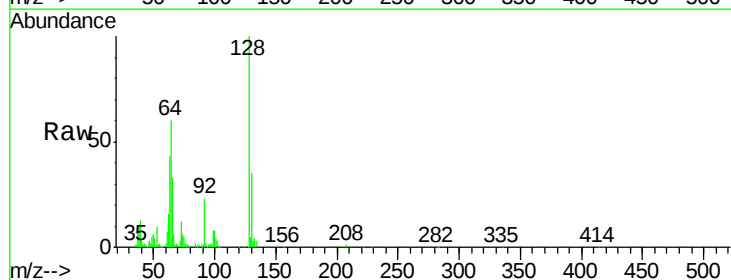
Tgt Ion: 128 Resp: 113253

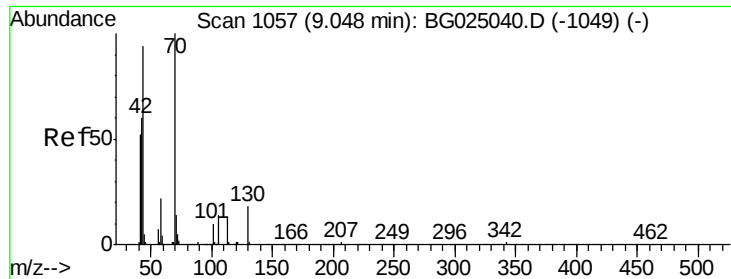
Ion Ratio Lower Upper

128 100

64 60.2 56.3 84.5

130 34.9 26.7 40.1

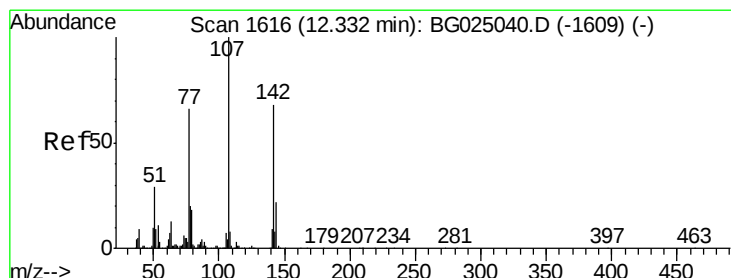
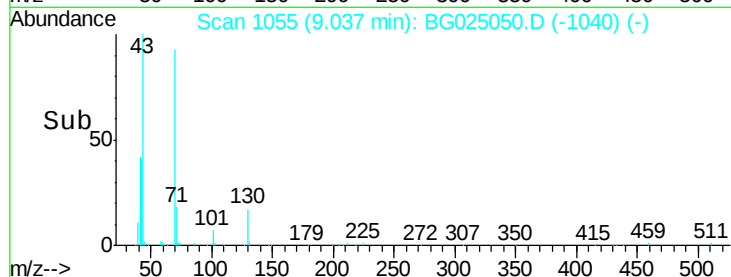
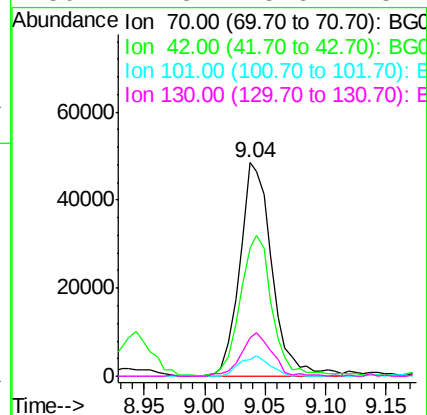
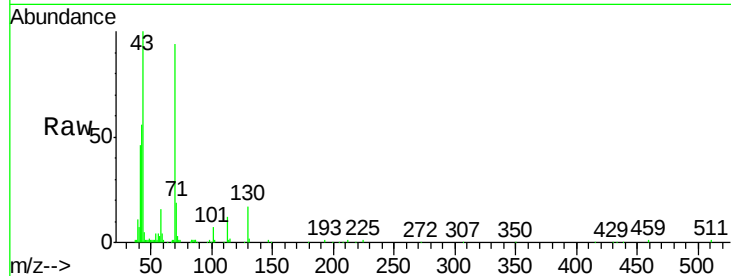




#15
N-Nitroso-di-n-propylamine
Concen: 15.97 ng/ul
RT: 9.04 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG025050.D
Acq: 10 Dec 2016 1:13

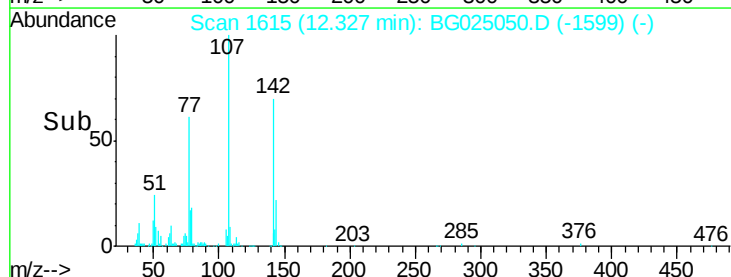
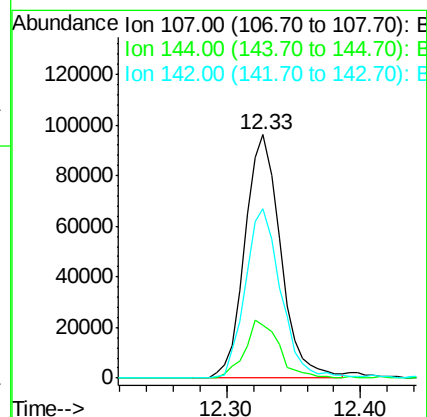
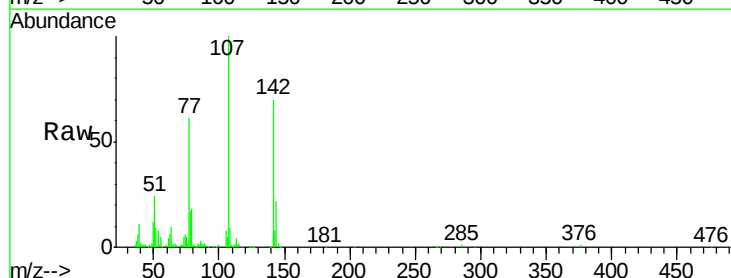
Instrument :
BNA_G
ClientSampleId :
DA8D7MS

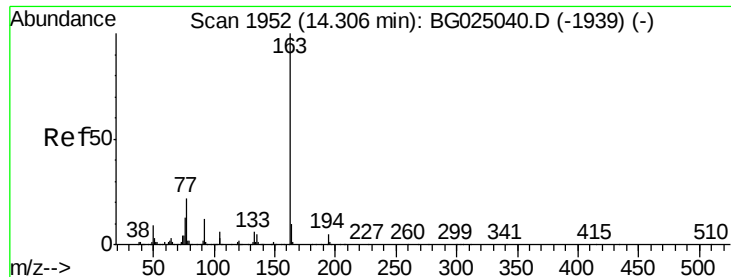
Tgt Ion:	70	Resp:	90193
Ion	Ratio	Lower	Upper
70	100		
42	59.8	59.0	88.6
101	7.5	6.6	9.8
130	17.8	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 21.27 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG025050.D
Acq: 10 Dec 2016 1:13

Tgt Ion:	107	Resp:	177833
Ion	Ratio	Lower	Upper
107	100		
144	21.9	18.2	27.4
142	69.7	55.0	82.4

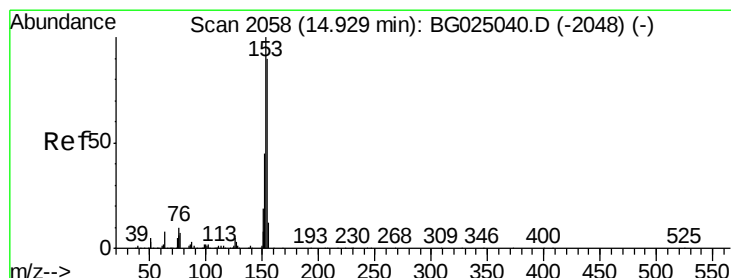
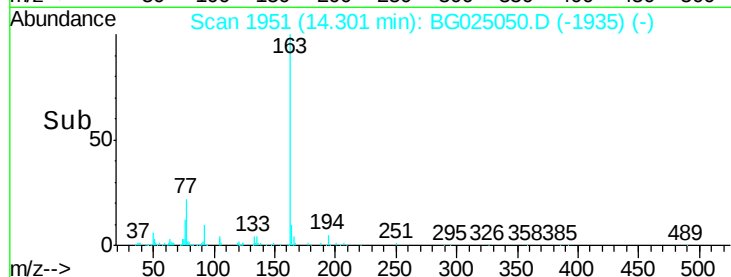
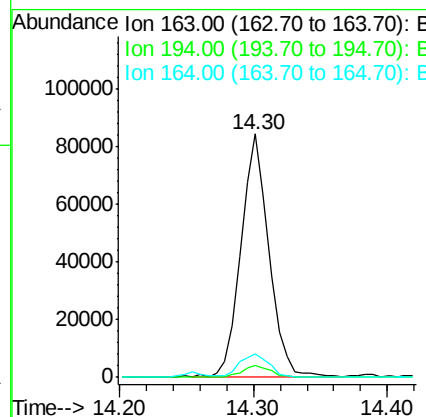
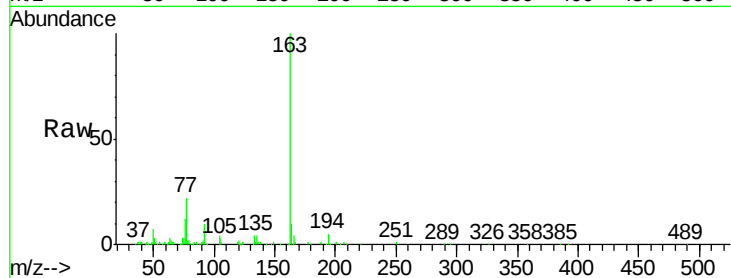




#44
Dimethylphthalate
Concen: 5.17 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG025050.D
Acq: 10 Dec 2016 1:13

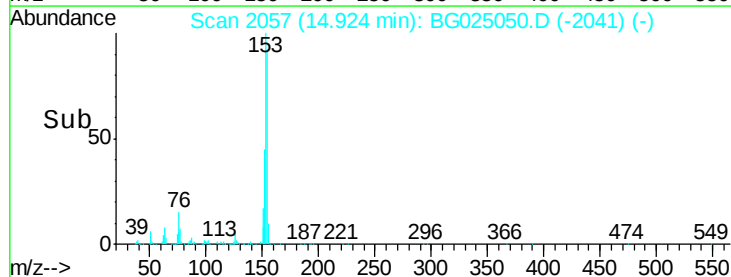
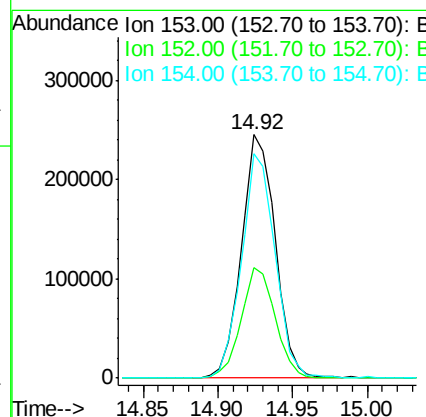
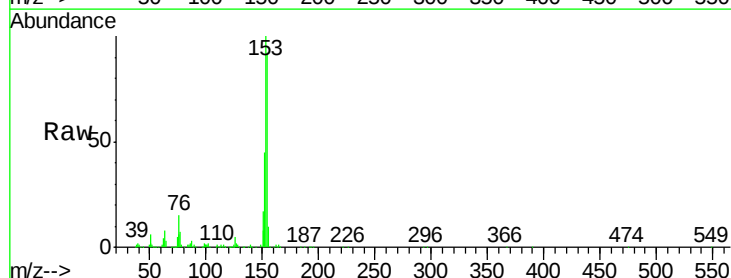
Instrument :
BNA_G
ClientSampleId :
DA8D7MS

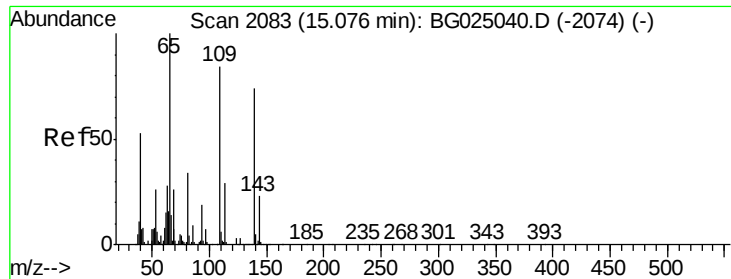
Tgt Ion:163 Resp: 122469
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.0#
164 9.7 9.0 13.4



#49
Acenaphthene
Concen: 21.98 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG025050.D
Acq: 10 Dec 2016 1:13

Tgt Ion:153 Resp: 386290
Ion Ratio Lower Upper
153 100
152 45.4 36.5 54.7
154 92.2 72.3 108.5





#52

4-Nitrophenol

Concen: 16.97 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG025050.D

Acq: 10 Dec 2016 1:13

Instrument :

BNA_G

ClientSampleId :

DA8D7MS

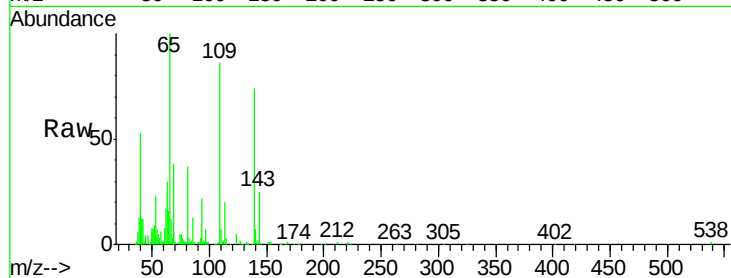
Tgt Ion:109 Resp: 84541

Ion Ratio Lower Upper

109 100

139 86.5 62.6 93.8

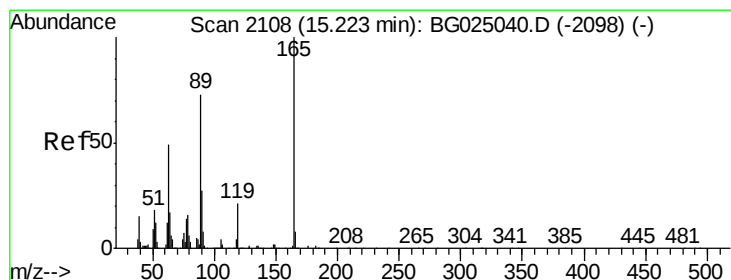
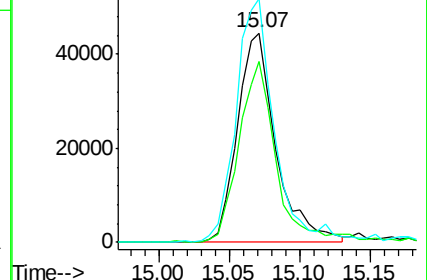
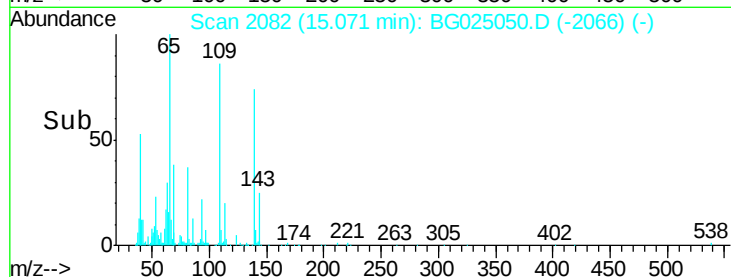
65 116.2 90.4 135.6



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



#54

2,4-Dinitrotoluene

Concen: 19.10 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BG025050.D

Acq: 10 Dec 2016 1:13

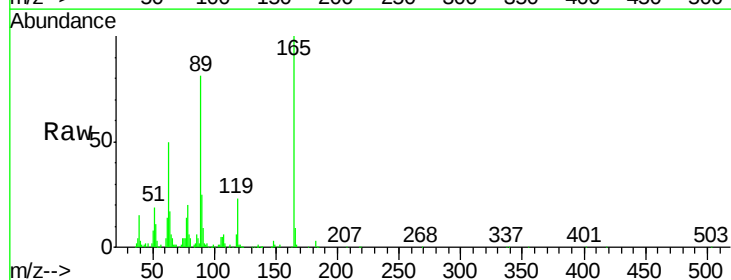
Tgt Ion:165 Resp: 146435

Ion Ratio Lower Upper

165 100

63 50.3 46.8 70.2

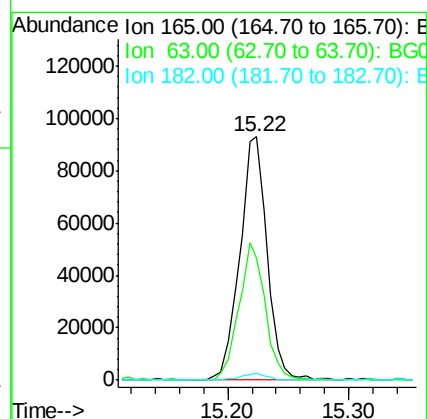
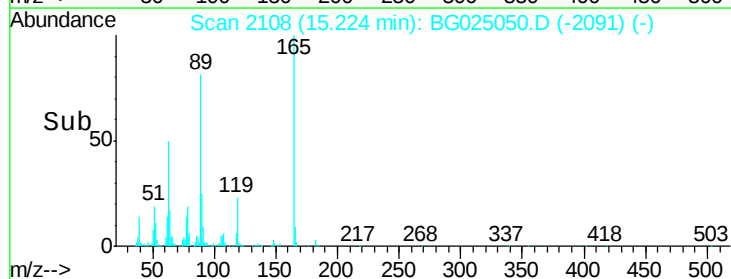
182 3.0 1.8 2.6#

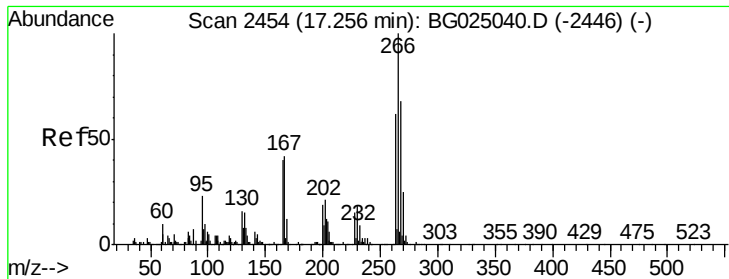


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

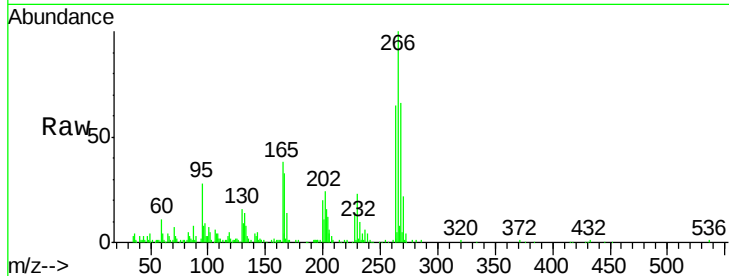




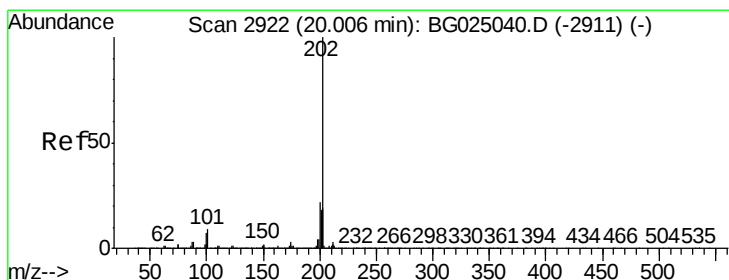
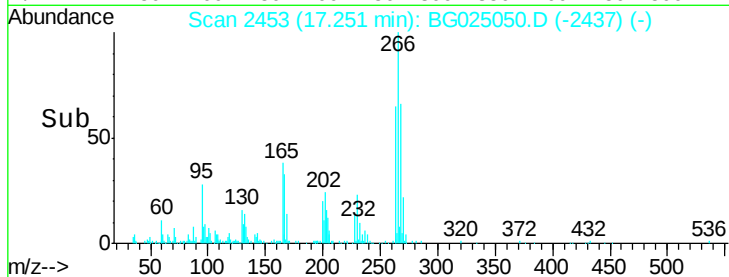
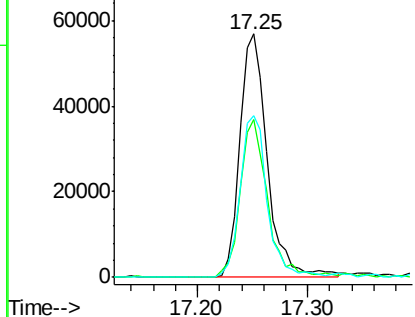
#68
 Pentachlorophenol
 Concen: 16.98 ng/ul
 RT: 17.25 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BG025050.D
 Acq: 10 Dec 2016 1:13

Instrument :
 BNA_G
 ClientSampleId :
 DA8D7MS

Tgt Ion:266 Resp: 99793
 Ion Ratio Lower Upper
 266 100
 264 64.7 47.1 70.7
 268 66.5 56.2 84.4

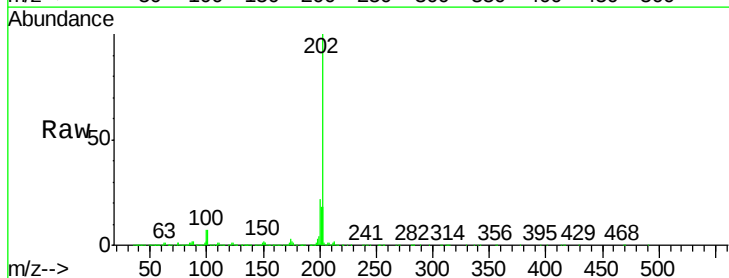


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 23.38 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BG025050.D
 Acq: 10 Dec 2016 1:13

Tgt Ion:202 Resp: 1064341
 Ion Ratio Lower Upper
 202 100
 101 7.1 6.9 10.3
 100 6.8 6.6 10.0



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

