

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
 Data File : BG025154.D
 Acq On : 13 Dec 2016 20:50
 Operator : UM/SJ
 Sample : H5993-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H5993-02MS

Quant Time: Dec 14 03:22:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	61650	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	279496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	242781	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	578163	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	690722	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	690180	20.00	ng/ul	0.00

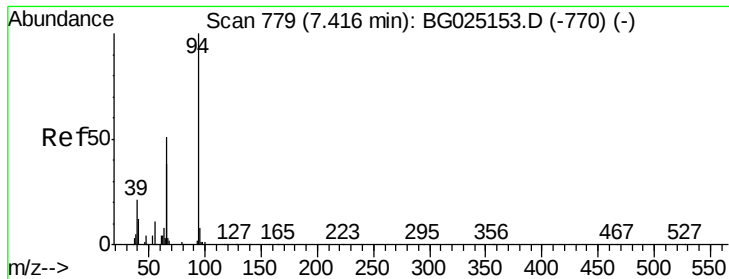
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5573	4.67	ng/uL	0.00
5) Phenol-d5	7.38	99	125174	23.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	99327	30.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	92399	24.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	109728	24.69	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	53364	26.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	64017	25.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	116063	24.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	111399	23.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	528375	31.64	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	486792	26.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	76178	26.54	ng/ul	0.00
57) Fluorene-d10	15.85	176	427188	27.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	98049	27.43	ng/ul	0.00
70) Anthracene-d10	17.70	188	643056	26.35	ng/ul	0.00
76) Pyrene-d10	19.97	212	770314	27.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	714986	25.57	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.41	94	149337	27.36	ng/ul	94
10) 2-Chlorophenol	7.80	128	90055	24.08	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.04	70	128161	32.80	ng/ul#	92
33) 4-Chloro-3-methylphenol	12.33	107	140883	24.81	ng/ul	95
44) Dimethylphthalate	14.30	163	88596	5.40	ng/ul	97
49) Acenaphthene	14.92	153	327697	26.90	ng/ul	97
52) 4-Nitrophenol	15.08	109	92752	26.87	ng/ul	92
54) 2,4-Dinitrotoluene	15.22	165	158568	29.84	ng/ul	91
68) Pentachlorophenol	17.25	266	110354	24.99	ng/ul	91
77) Pyrene	20.00	202	912444	27.48	ng/ul	99

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



#6

Phenol

Concen: 27.36 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

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BNA_G

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H5993-02MS

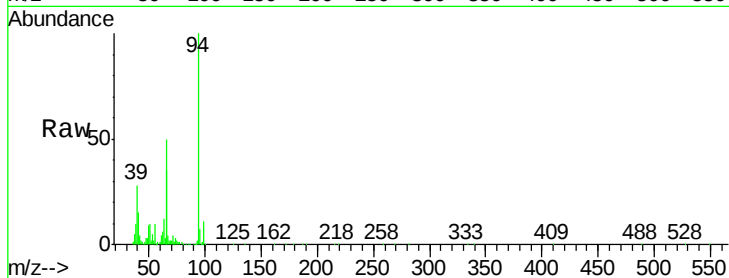
Tgt Ion: 94 Resp: 149337

Ion Ratio Lower Upper

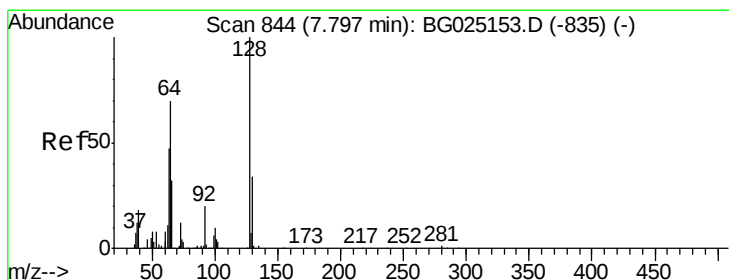
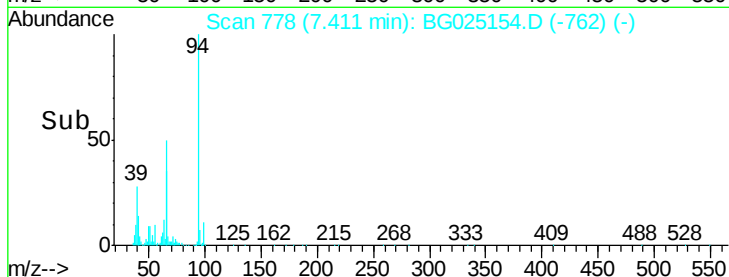
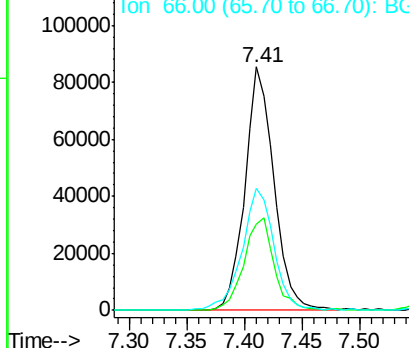
94 100

65 35.4 26.8 40.2

66 50.0 44.4 66.6



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: 24.08 ng/ul

RT: 7.80 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG025154.D

Acq: 13 Dec 2016 20:50

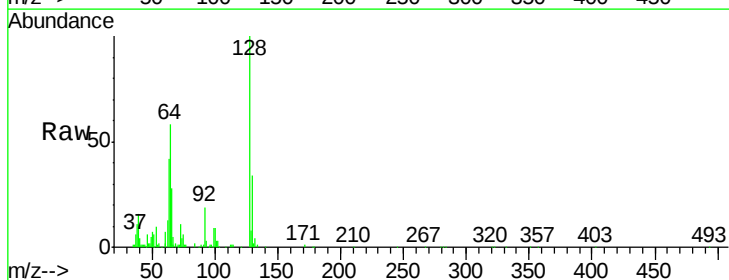
Tgt Ion:128 Resp: 90055

Ion Ratio Lower Upper

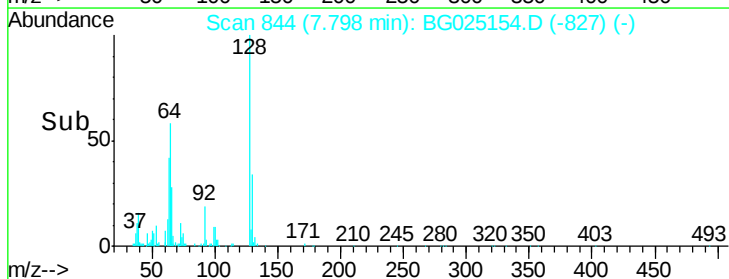
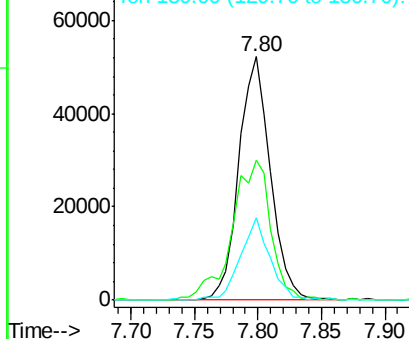
128 100

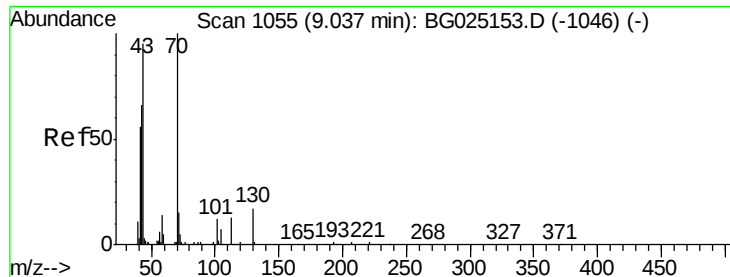
64 57.6 56.3 84.5

130 33.6 26.7 40.1



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

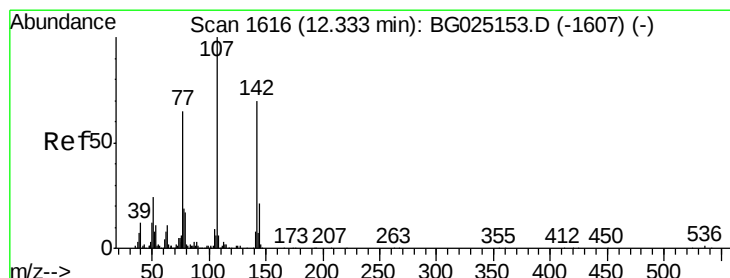
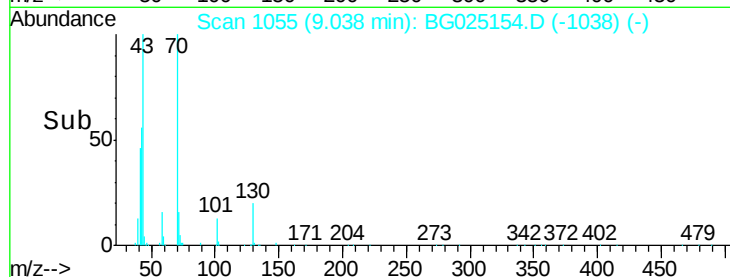
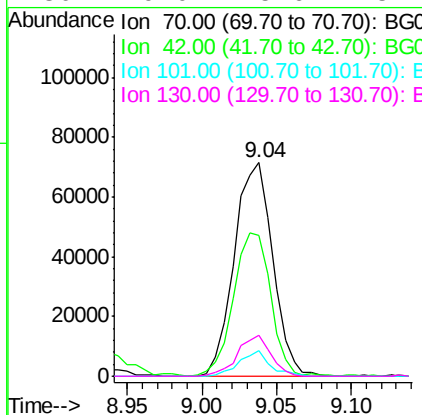
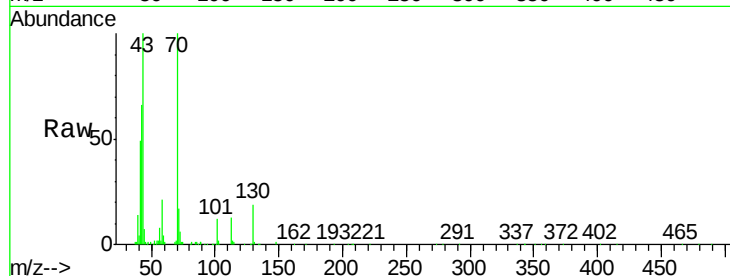




#15
N-Nitroso-di-n-propylamine
Concen: 32.80 ng/ul
RT: 9.04 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG025154.D
Acq: 13 Dec 2016 20:50

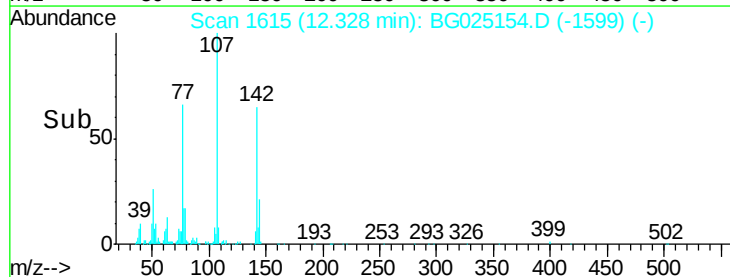
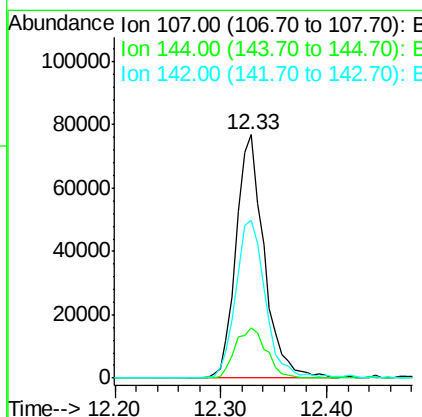
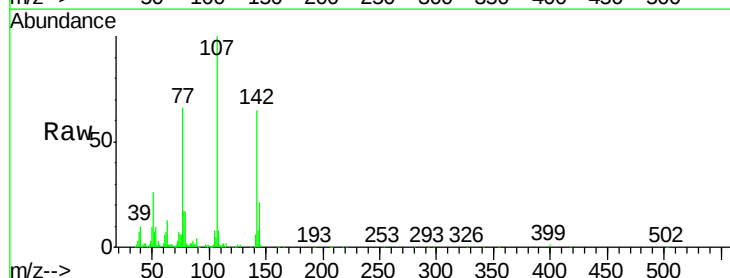
Instrument :
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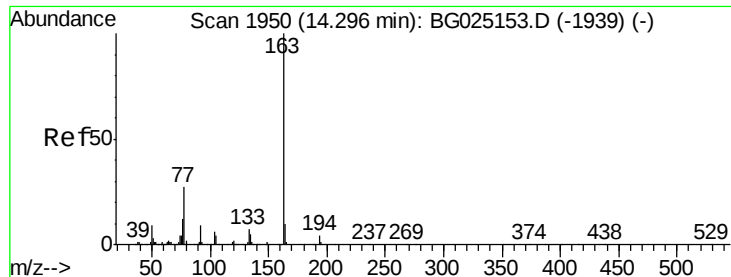
Tgt Ion: 70 Resp: 128161
Ion Ratio Lower Upper
70 100
42 66.0 59.0 88.6
101 12.3 6.6 9.8#
130 19.0 15.6 23.4



#33
4-Chloro-3-methylphenol
Concen: 24.81 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG025154.D
Acq: 13 Dec 2016 20:50

Tgt Ion: 107 Resp: 140883
Ion Ratio Lower Upper
107 100
144 20.5 18.2 27.4
142 65.0 55.0 82.4

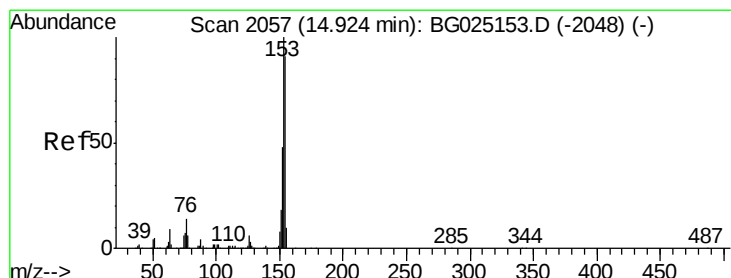
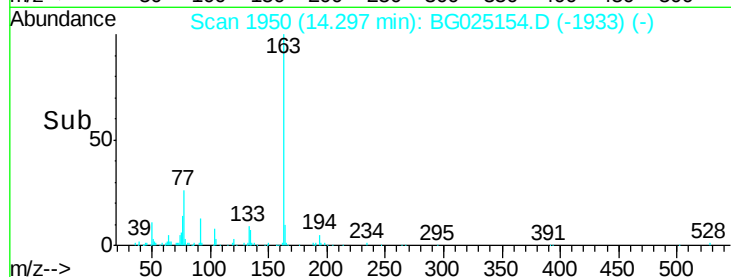
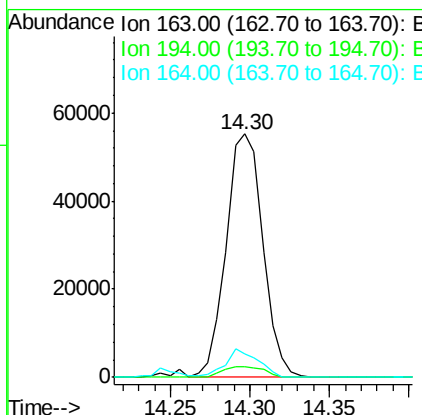
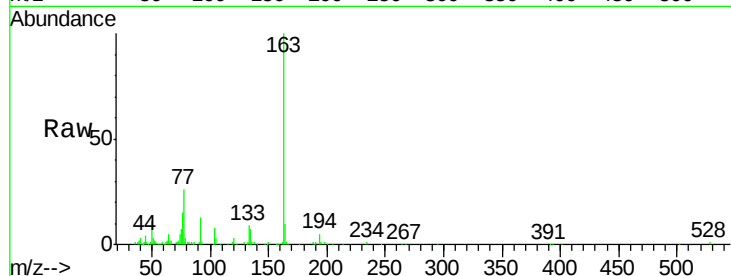




#44
 Dimethylphthalate
 Concen: 5.40 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG025154.D
 Acq: 13 Dec 2016 20:50

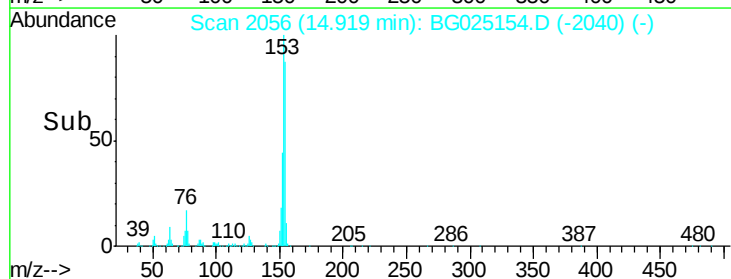
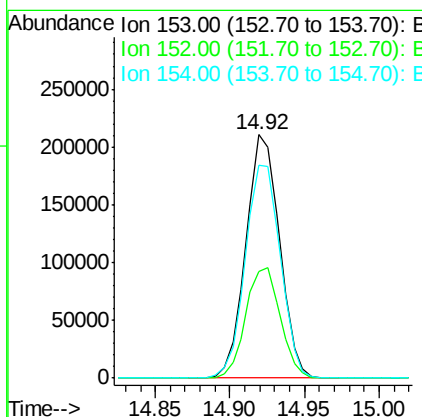
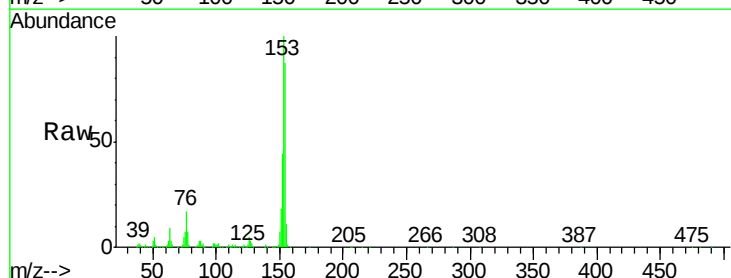
Instrument :
 BNA_G
 ClientSampleId :
 H5993-02MS

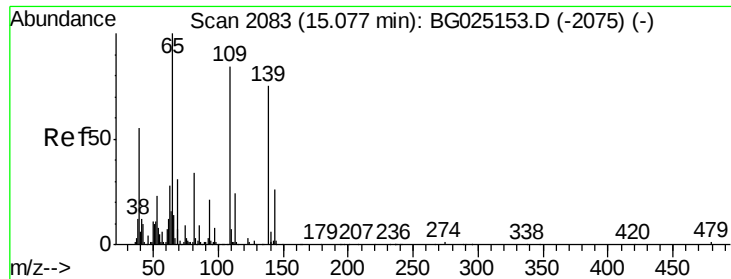
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.8	9.0	13.4



#49
 Acenaphthene
 Concen: 26.90 ng/ul
 RT: 14.92 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG025154.D
 Acq: 13 Dec 2016 20:50

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.0	36.5	54.7
154	87.2	72.3	108.5

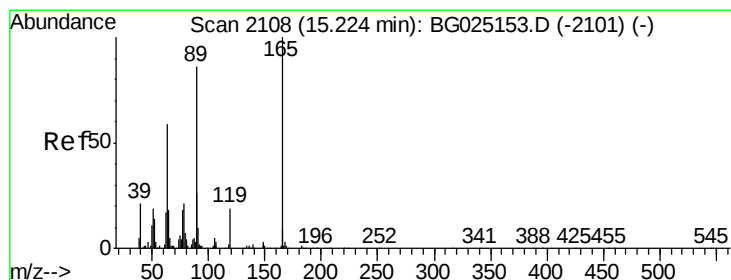
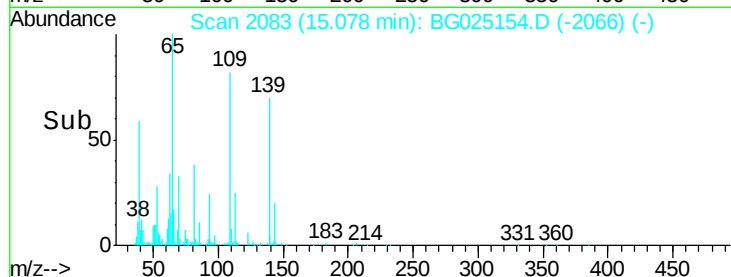
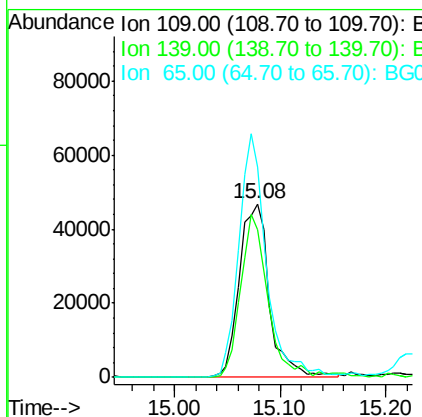
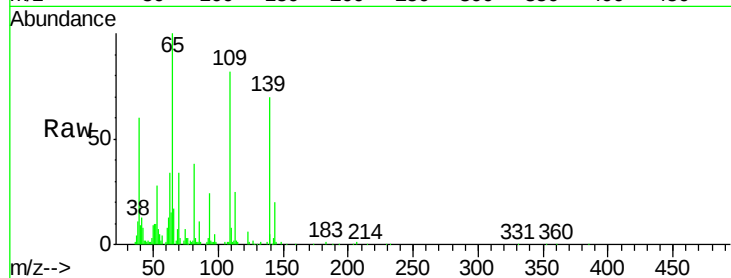




#52
4-Nitrophenol
Concen: 26.87 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG025154.D
Acq: 13 Dec 2016 20:50

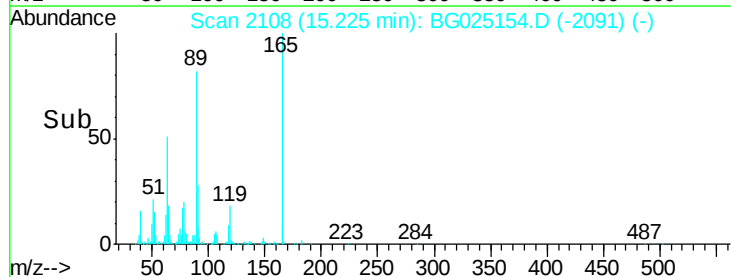
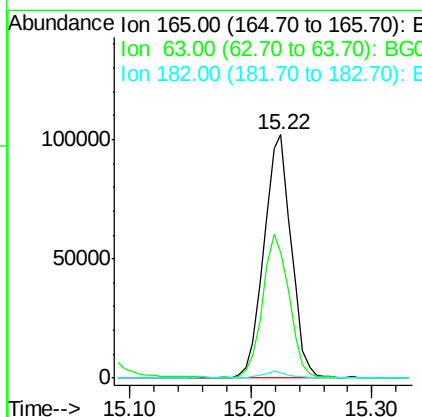
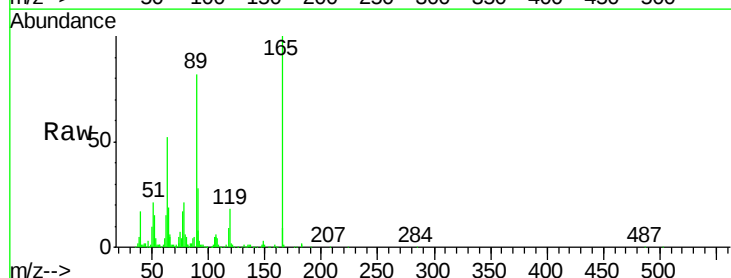
Instrument :
BNA_G
ClientSampleId :
H5993-02MS

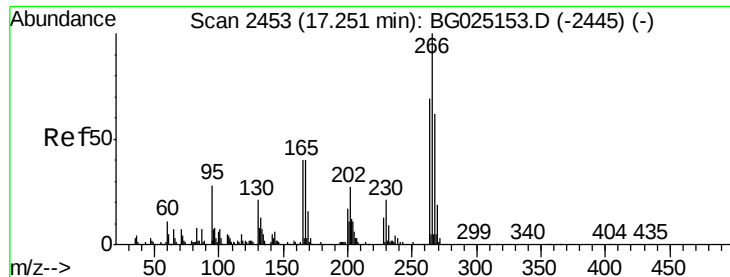
Tgt Ion	Ratio	Lower	Upper
109	100		
139	85.5	62.6	93.8
65	121.5	90.4	135.6



#54
2,4-Dinitrotoluene
Concen: 29.84 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG025154.D
Acq: 13 Dec 2016 20:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	46.8	70.2
182	2.1	1.8	2.6





#68

Pentachlorophenol

Concen: 24.99 ng/ul

RT: 17.25 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG025154.D

Acq: 13 Dec 2016 20:50

Instrument :

BNA_G

ClientSampleId :

H5993-02MS

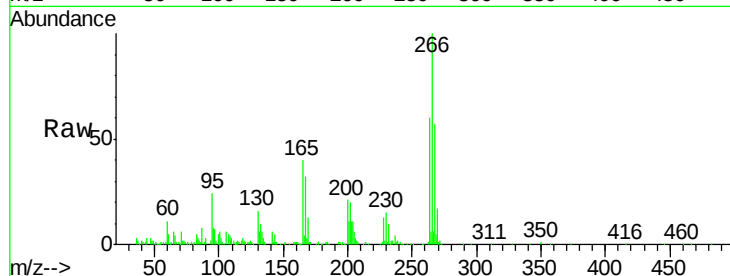
Tgt Ion:266 Resp: 110354

Ion Ratio Lower Upper

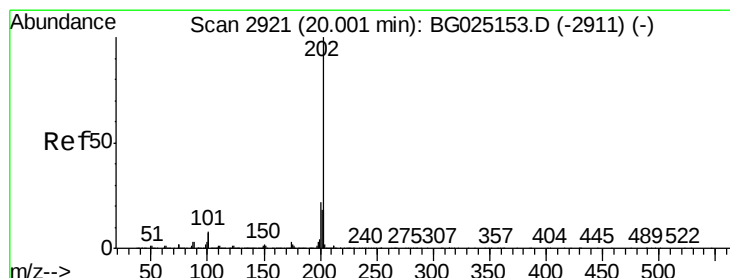
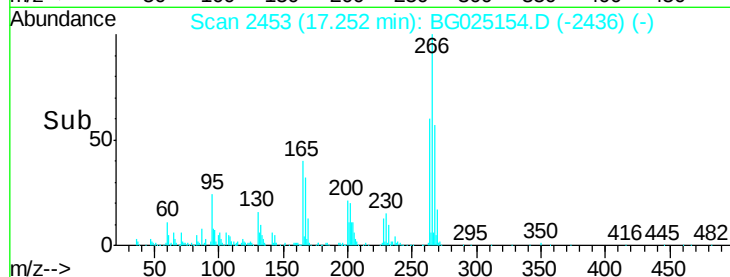
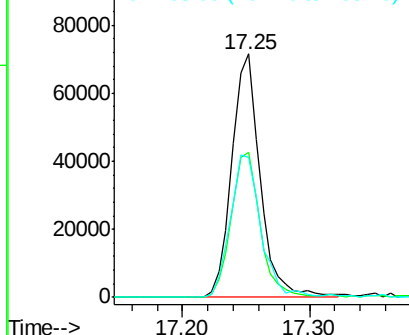
266 100

264 59.7 47.1 70.7

268 57.3 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: 27.48 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025154.D

Acq: 13 Dec 2016 20:50

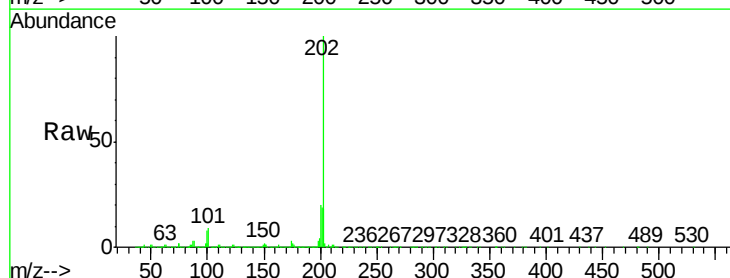
Tgt Ion:202 Resp: 912444

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

100 7.7 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

