

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020373.D
 Acq On : 21 Dec 2015 10:57
 Operator : UM/SJ
 Sample : G4848-22MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N67MSD

Quant Time: Dec 22 00:23:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	88267	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	62574	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	151591	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	192573	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	178810	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2066	5.63	ng/uL	0.00
5) Phenol-d5	7.26	99	56095	31.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	33614	31.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	44886	34.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	49344	32.32	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23854	34.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	27590	36.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	52873	34.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	64061	36.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	178395	35.25	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	206077	34.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	29416	32.41	ng/ul	0.00
58) Fluorene-d10	15.71	176	158930	34.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	26742	29.76	ng/ul	0.00
71) Anthracene-d10	17.57	188	255476	36.58	ng/ul	0.00
79) Pyrene-d10	19.85	212	311671	34.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	341370	38.28	ng/ul	0.00

Target Compounds

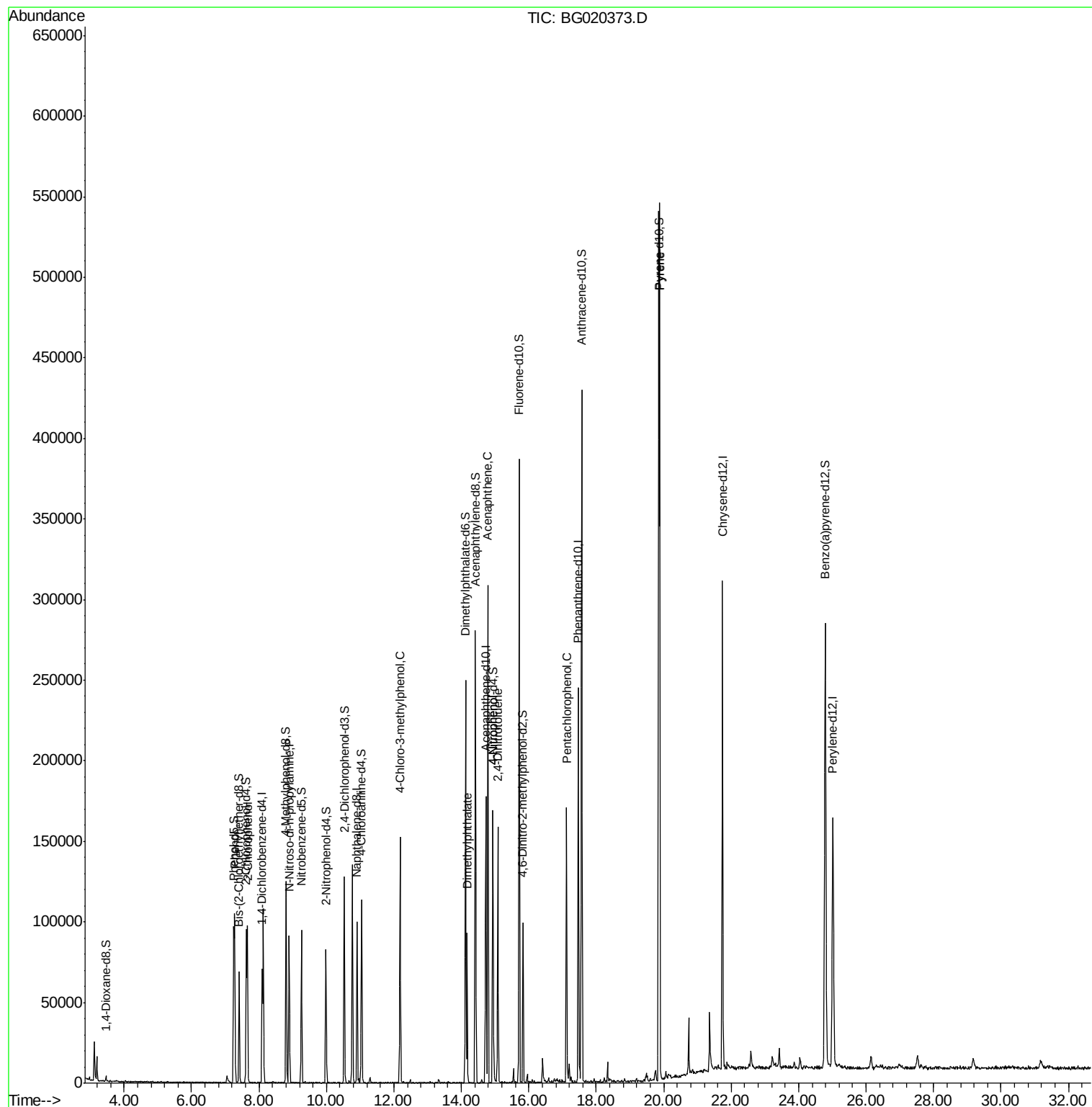
						Qvalue
6) Phenol	7.28	94	56932	29.78	ng/ul	98
10) 2-Chlorophenol	7.66	128	43830	32.23	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	36676	28.98	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	57409	30.33	ng/ul	94
45) Dimethylphthalate	14.17	163	60417	11.69	ng/ul	99
50) Acenaphthene	14.79	153	130058	30.90	ng/ul	99
53) 4-Nitrophenol	14.94	109	25152	28.81	ng/ul	95
55) 2,4-Dinitrotoluene	15.08	165	49522	31.55	ng/ul	91
69) Pentachlorophenol	17.12	266	33931	29.45	ng/ul	92
80) Pyrene	19.88	202	355615	30.51	ng/ul	99

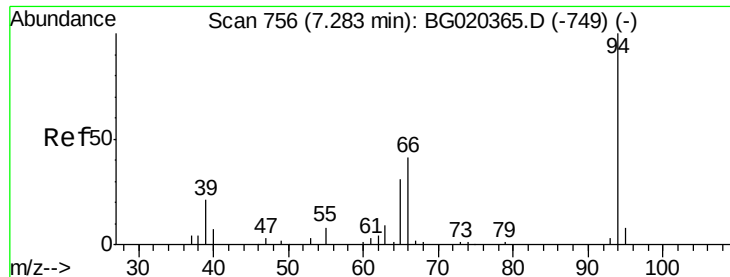
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 29.78 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG020373.D

Acq: 21 Dec 2015 10:57

Instrument :

BNA_G

ClientSampleId :

D9N67MSD

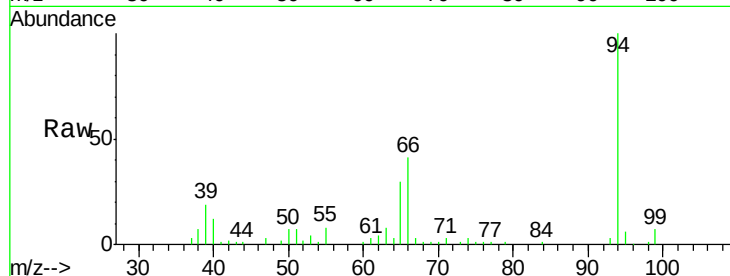
Tgt Ion: 94 Resp: 56932

Ion Ratio Lower Upper

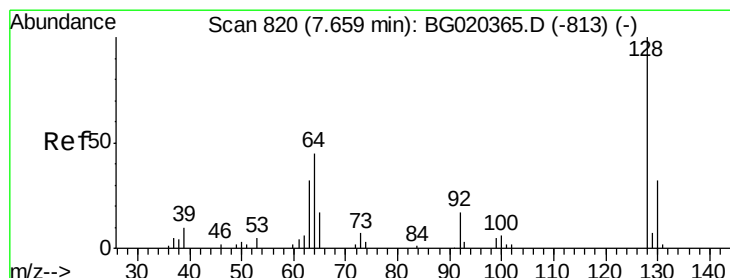
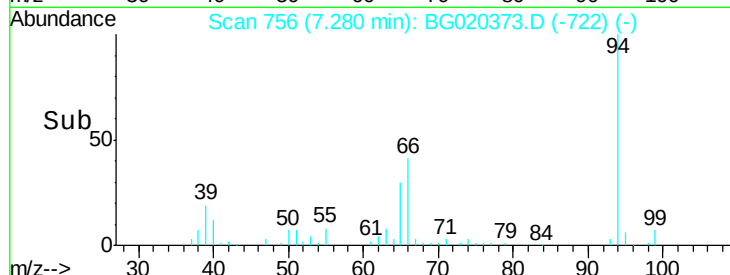
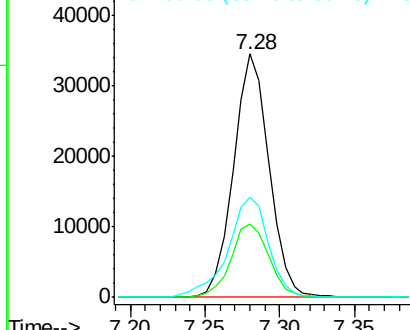
94 100

65 30.0 26.3 39.5

66 41.4 33.3 49.9



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: 32.23 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG020373.D

Acq: 21 Dec 2015 10:57

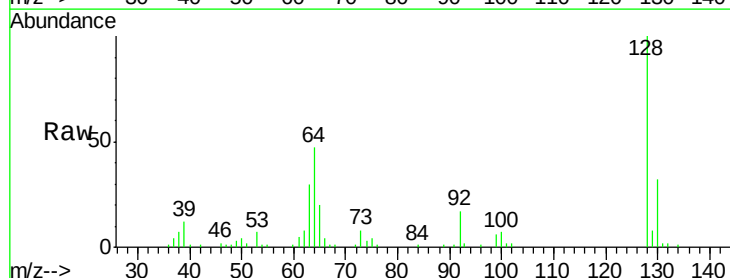
Tgt Ion: 128 Resp: 43830

Ion Ratio Lower Upper

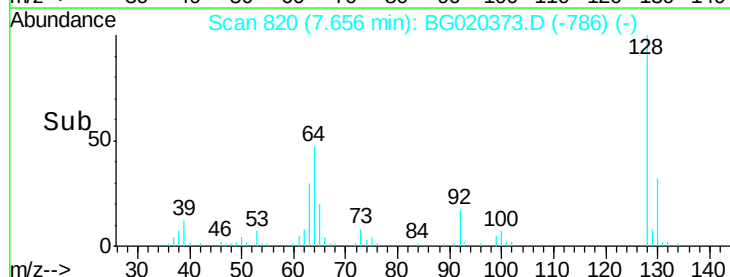
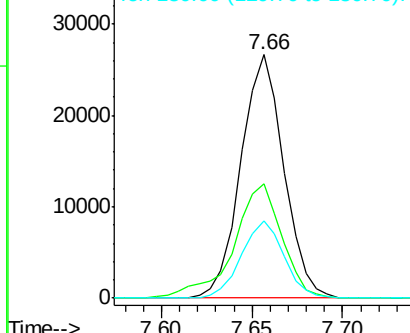
128 100

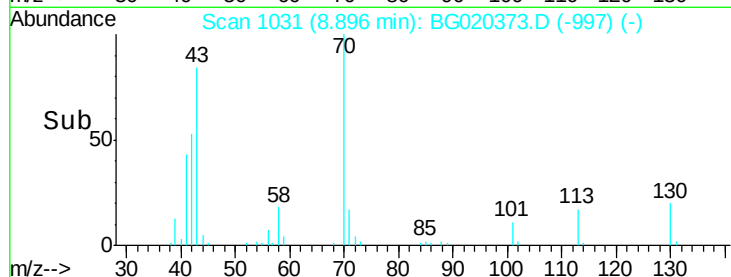
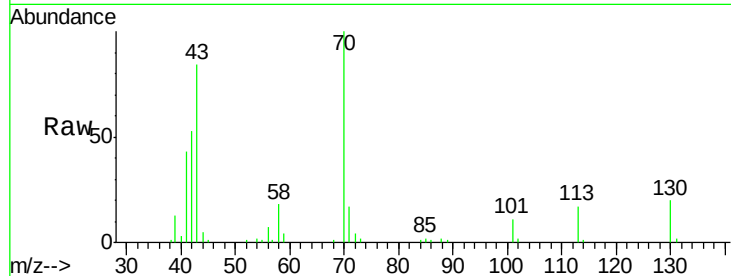
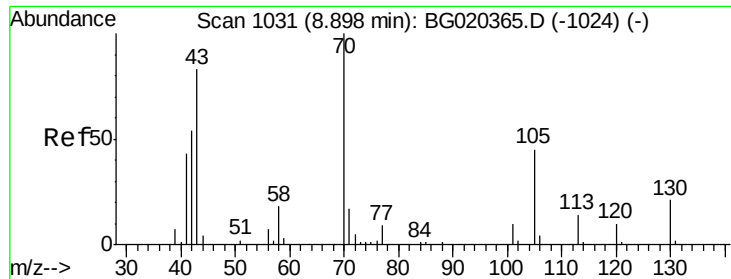
64 47.0 39.4 59.0

130 31.5 24.6 36.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

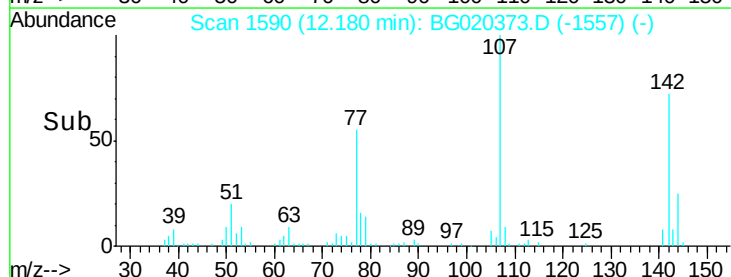
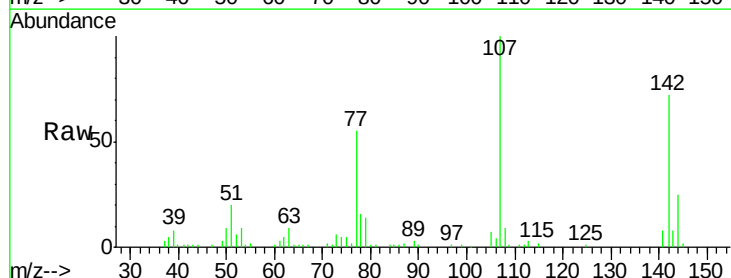
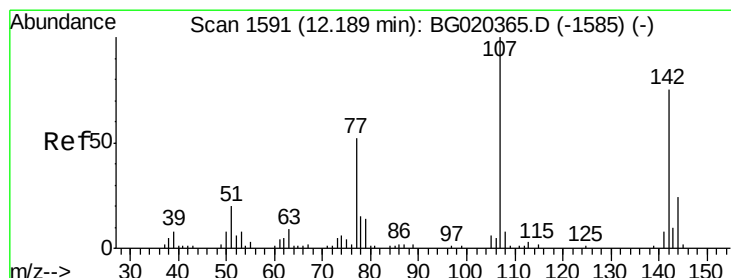
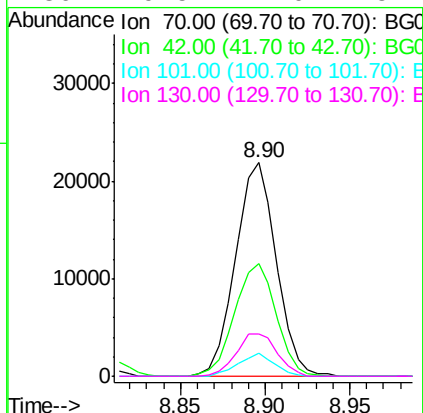




#15
N-Nitroso-di-n-propylamine
Concen: 28.98 ng/ul
RT: 8.90 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG020373.D
Acq: 21 Dec 2015 10:57

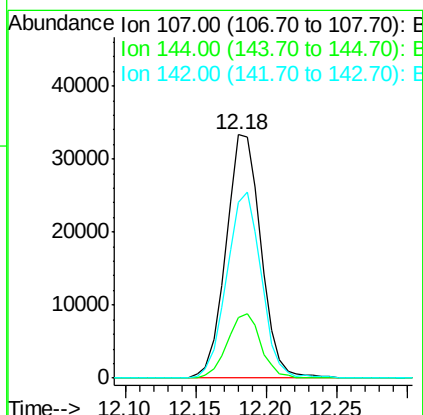
Instrument :
BNA_G
ClientSampleId :
D9N67MSD

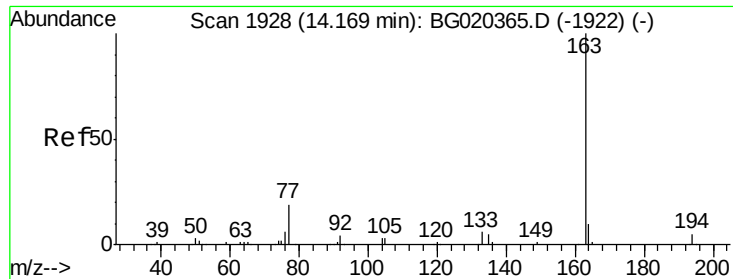
Tgt Ion: 70 Resp: 36676
Ion Ratio Lower Upper
70 100
42 52.8 44.3 66.5
101 10.8 7.6 11.4
130 19.5 17.0 25.4



#33
4-Chloro-3-methylphenol
Concen: 30.33 ng/ul
RT: 12.18 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG020373.D
Acq: 21 Dec 2015 10:57

Tgt Ion: 107 Resp: 57409
Ion Ratio Lower Upper
107 100
144 24.7 18.7 28.1
142 72.1 52.8 79.2

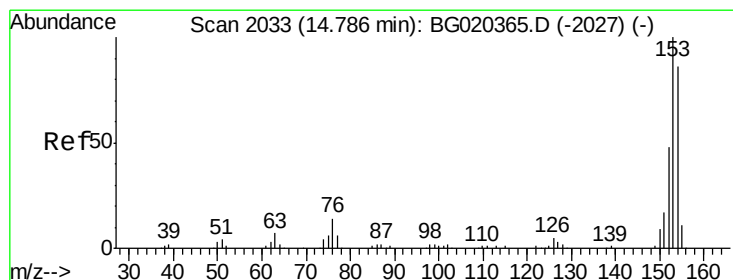
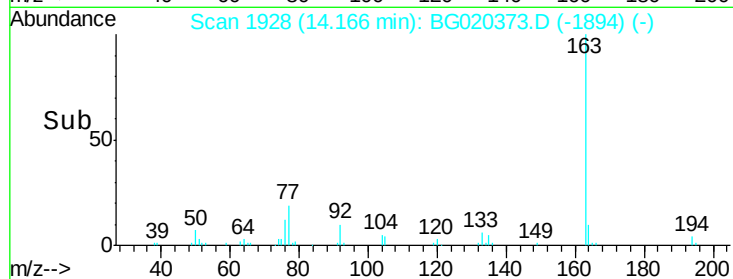
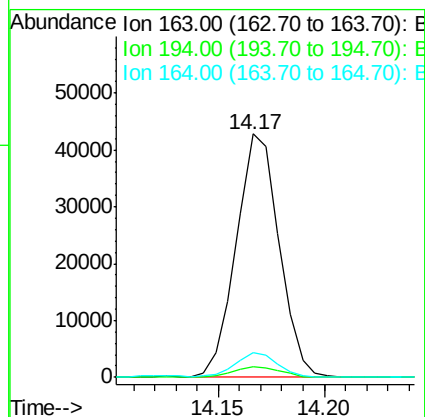
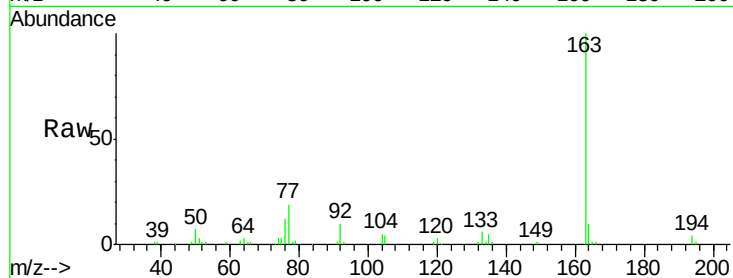




#45
Dimethylphthalate
Concen: 11.69 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG020373.D
Acq: 21 Dec 2015 10:57

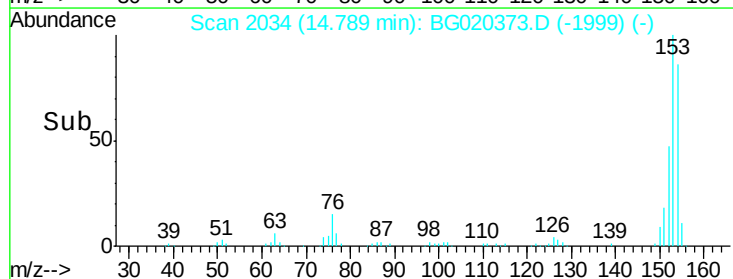
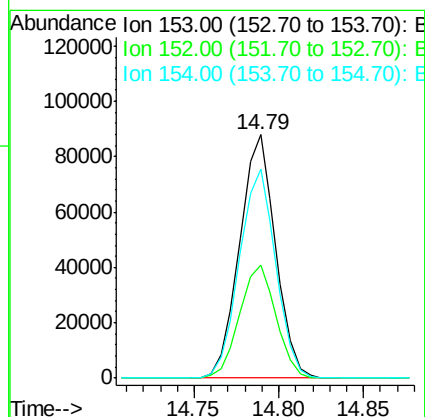
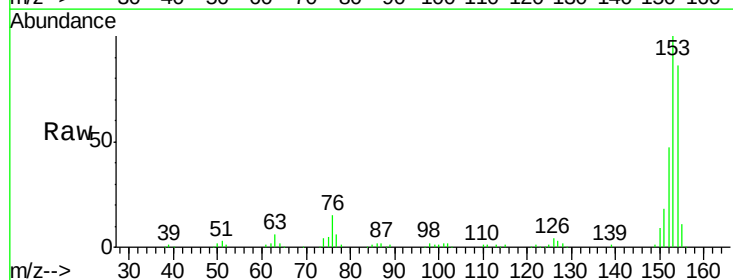
Instrument :
BNA_G
ClientSampled :
D9N67MSD

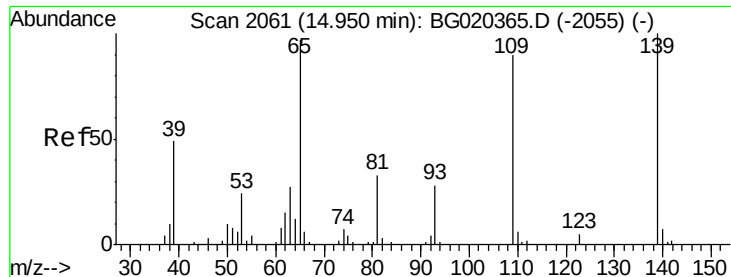
Tgt Ion:163 Resp: 60417
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 7.7 11.5



#50
Acenaphthene
Concen: 30.90 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020373.D
Acq: 21 Dec 2015 10:57

Tgt Ion:153 Resp: 130058
Ion Ratio Lower Upper
153 100
152 46.6 37.6 56.4
154 85.6 67.9 101.9

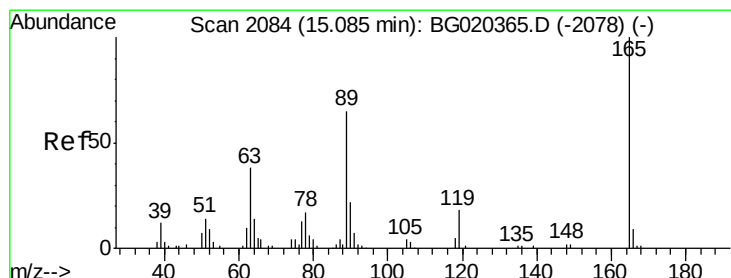
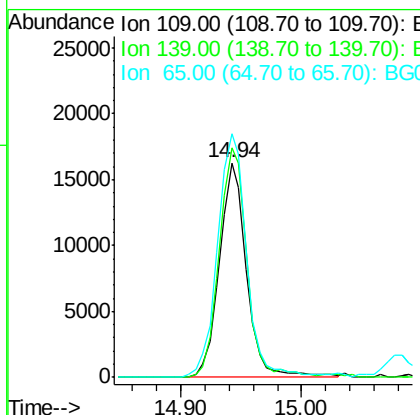
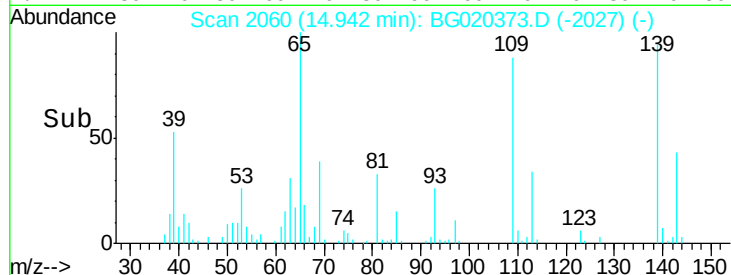
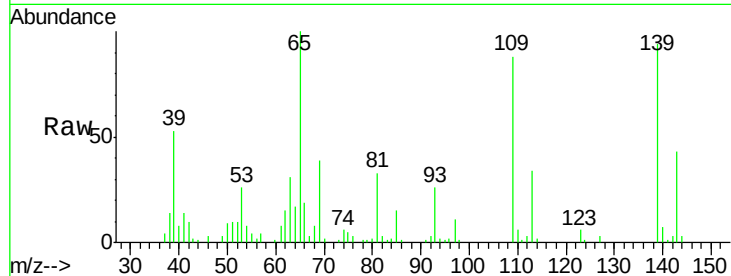




#53
4-Nitrophenol
Concen: 28.81 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020373.D
Acq: 21 Dec 2015 10:57

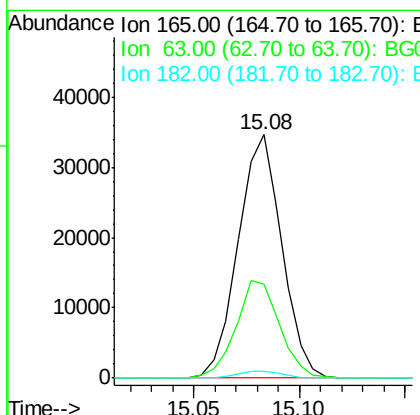
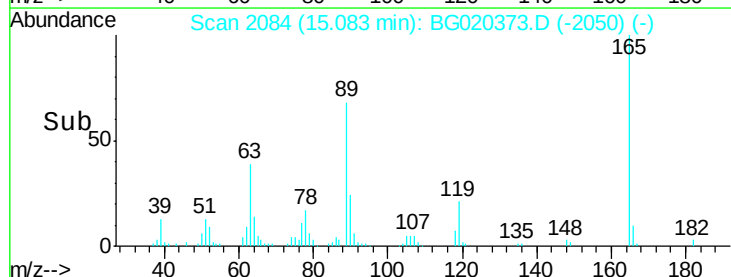
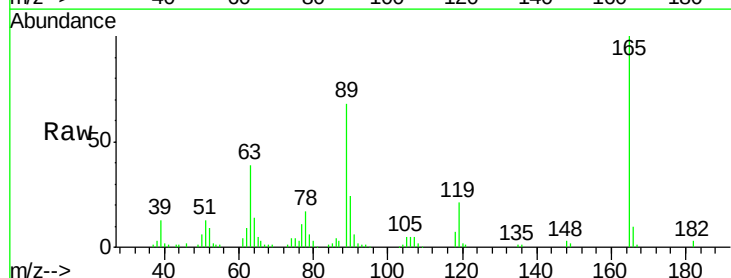
Instrument :
BNA_G
ClientSampleId :
D9N67MSD

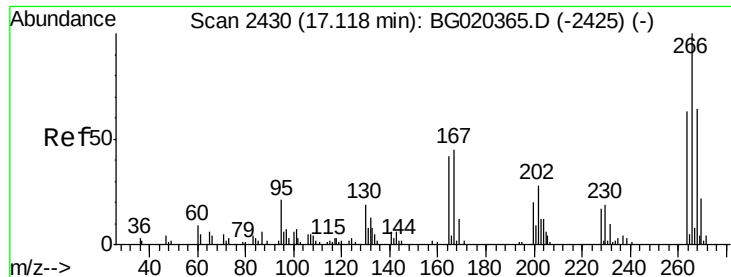
Tgt Ion:109 Resp: 25152
Ion Ratio Lower Upper
109 100
139 107.1 80.5 120.7
65 113.6 93.4 140.2



#55
2,4-Dinitrotoluene
Concen: 31.55 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG020373.D
Acq: 21 Dec 2015 10:57

Tgt Ion:165 Resp: 49522
Ion Ratio Lower Upper
165 100
63 38.7 35.8 53.8
182 2.7 2.2 3.2

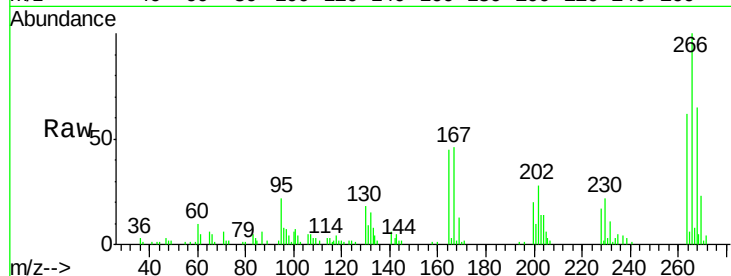




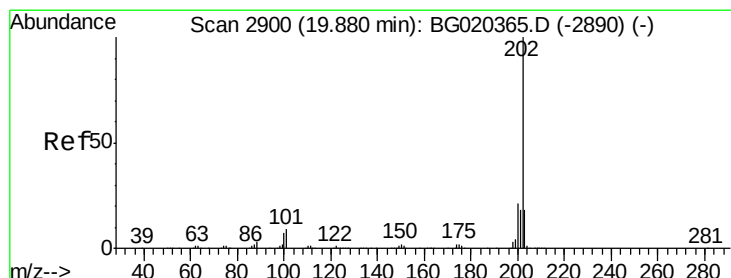
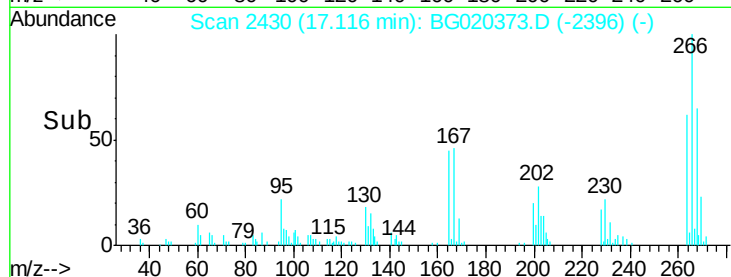
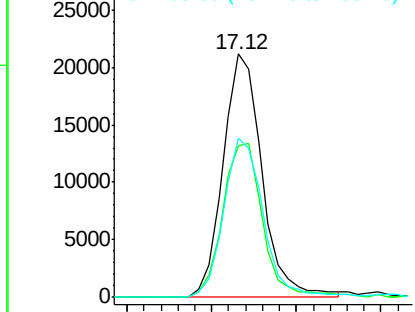
#69
 Pentachlorophenol
 Concen: 29.45 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG020373.D
 Acq: 21 Dec 2015 10:57

Instrument :
 BNA_G
 ClientSampleId :
 D9N67MSD

Tgt Ion:266 Resp: 33931
 Ion Ratio Lower Upper
 266 100
 264 62.2 52.2 78.2
 268 70.8 49.3 73.9

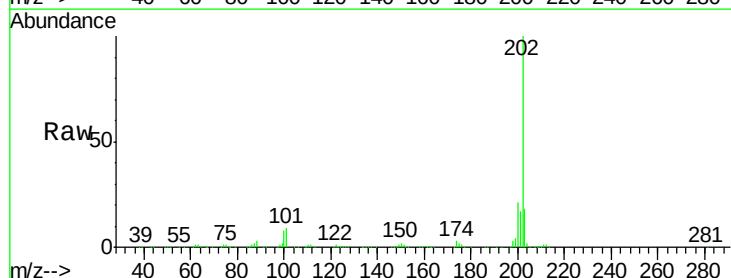


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 30.51 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG020373.D
 Acq: 21 Dec 2015 10:57

Tgt Ion:202 Resp: 355615
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.0 10.4
 100 7.9 6.4 9.6



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

