

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048221.D
 Acq On : 20 Feb 2021 3:32
 Operator : CG/JU
 Sample : M1412-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBG7MS

Quant Time: Feb 20 04:12:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 19 11:17:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	33075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	130056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	98512	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	258212	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	291045	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	281081	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	6093	7.67	ng/uL	0.00
5) Phenol-d5	7.29	99	114969	41.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	71425	43.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	82093	41.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	89826	41.09	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	42239	43.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	52484	44.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	96702	42.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	108831	47.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	315119	43.18	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	376966	42.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	50100	40.41	ng/ul	-0.01
58) Fluorene-d10	15.73	176	281032	43.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	62333	39.37	ng/ul	0.00
71) Anthracene-d10	17.58	188	475750	42.97	ng/ul	0.00
79) Pyrene-d10	19.86	212	602493	41.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	609667	42.52	ng/ul	0.00

Target Compounds

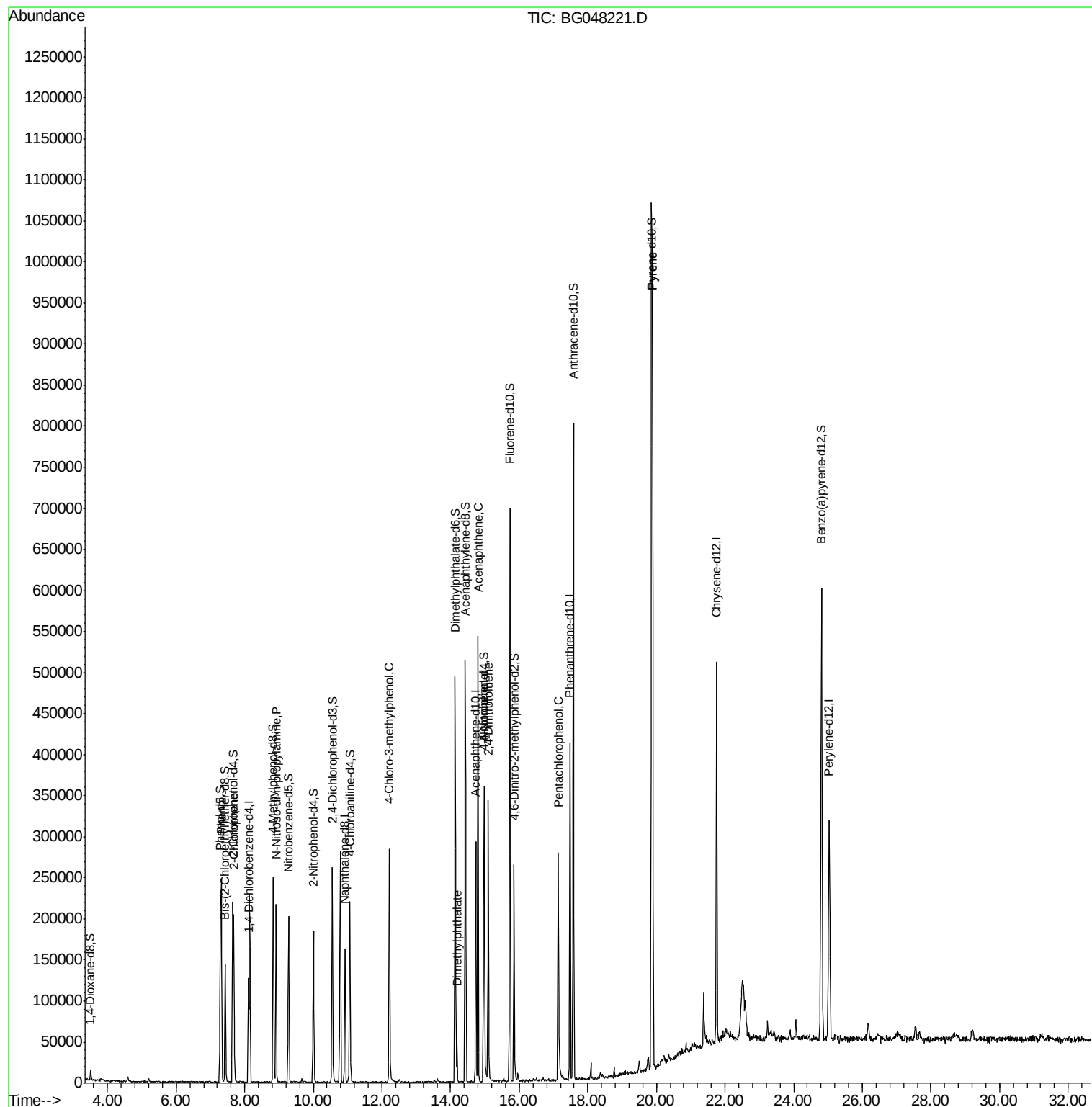
					Ovalue
6) Phenol	7.31	94	120295	41.810	ng/ul 99
10) 2-Chlorophenol	7.68	128	76321	36.881	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.91	70	78483	39.697	ng/ul 98
33) 4-Chloro-3-methylphenol	12.21	107	95206	39.059	ng/ul 96
45) Dimethylphthalate	14.18	163	35002	4.640	ng/ul 99
50) Acenaphthene	14.80	153	223231	37.283	ng/ul 98
53) 4-Nitrophenol	14.98	109	53960	38.549	ng/ul 89
55) 2,4-Dinitrotoluene	15.10	165	91677	40.232	ng/ul# 96
69) Pentachlorophenol	17.14	266	60837	33.678	ng/ul 95
80) Pyrene	19.89	202	650078	35.951	ng/ul# 98

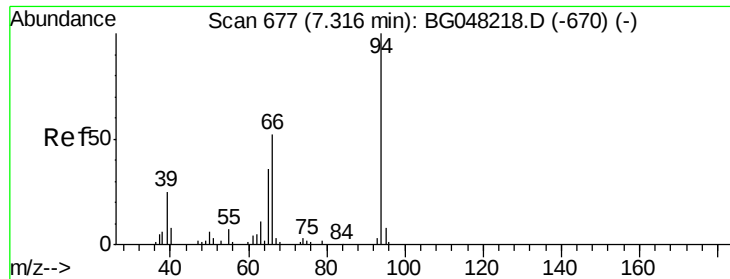
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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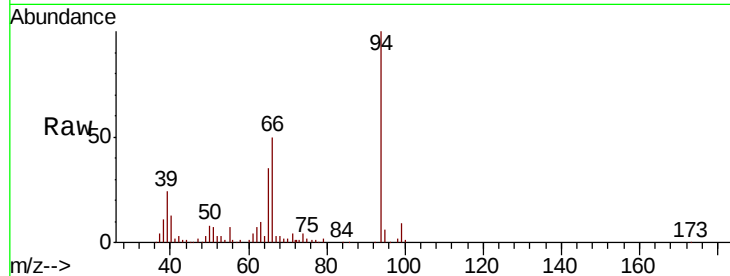
#6

Phenol

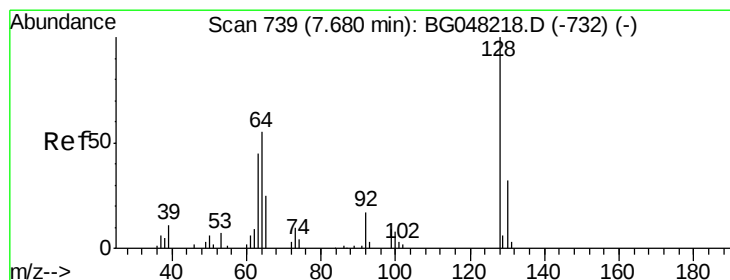
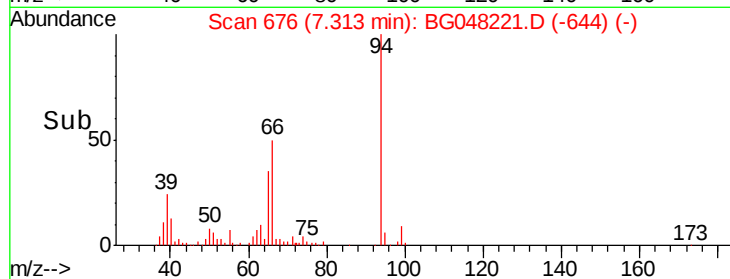
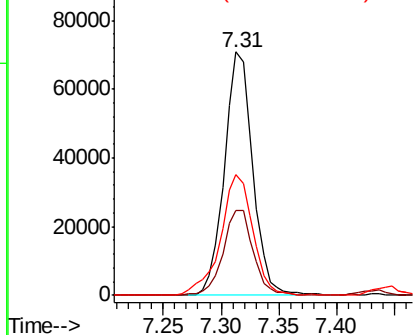
Concen: 41.810 ng/ul
 RT: 7.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BG048221.D
 Acq: 20 Feb 2021 3:32

Instrument :
 BNA_G
 ClientSampleId :
 DBG7MS

Tot Ion: 94 Resp: 120295
 Ion Ratio Lower Upper
 94 100
 65 35.0 27.1 40.7
 66 49.8 40.1 60.1



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

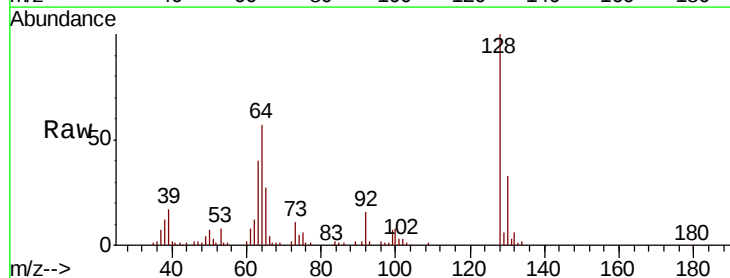


#10

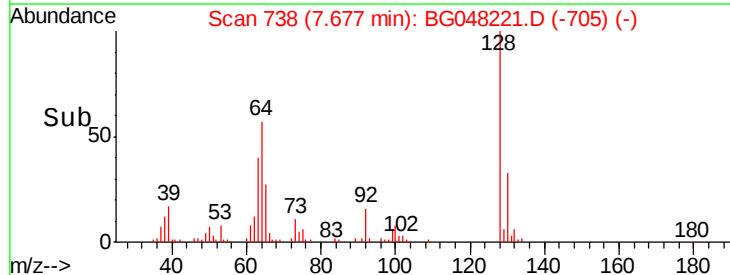
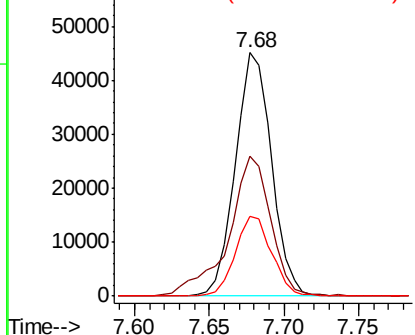
2-Chlorophenol

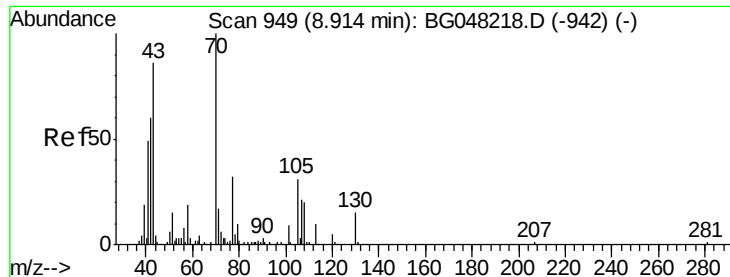
Concen: 36.881 ng/ul
 RT: 7.68 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG048221.D
 Acq: 20 Feb 2021 3:32

Tgt Ion: 128 Resp: 76321
 Ion Ratio Lower Upper
 128 100
 64 57.3 38.6 58.0
 130 32.9 24.4 36.6



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: 39.697 ng/ul

RT: 8.91 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG048221.D

Acq: 20 Feb 2021 3:32

Instrument :

BNA_G

ClientSampleId :

DBG7MS

Tot Ion: 70 Resp: 78483

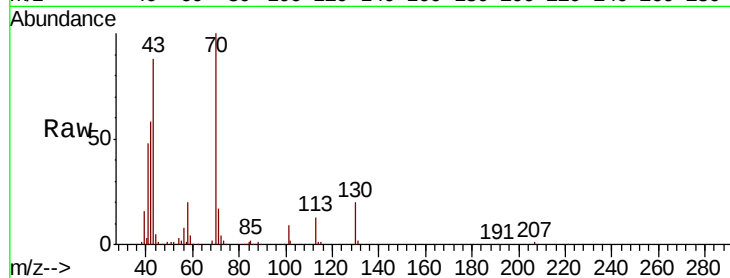
Ion Ratio Lower Upper

70 100

42 57.9 47.4 71.0

101 9.4 7.5 11.3

130 19.7 13.7 20.5

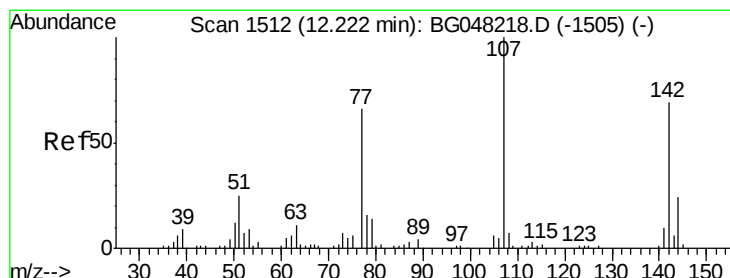
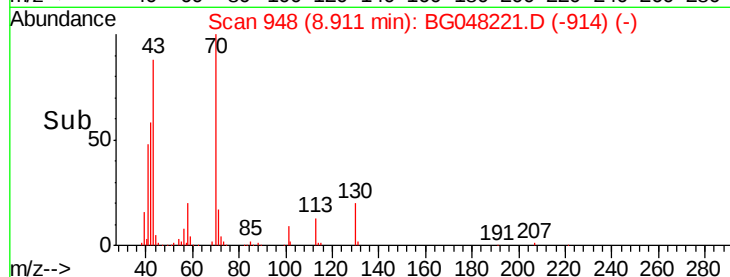
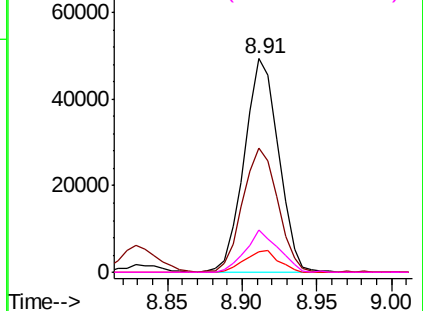


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 39.059 ng/ul

RT: 12.21 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BG048221.D

Acq: 20 Feb 2021 3:32

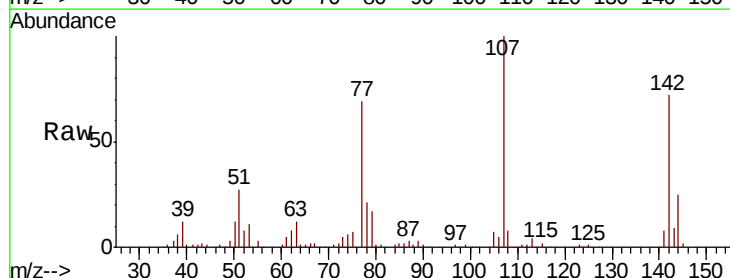
Tgt Ion: 107 Resp: 95206

Ion Ratio Lower Upper

107 100

144 24.6 23.0 34.4

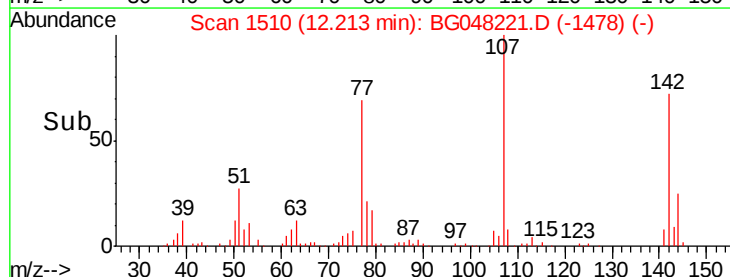
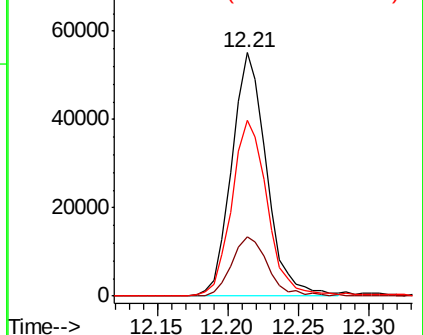
142 72.4 59.8 89.6

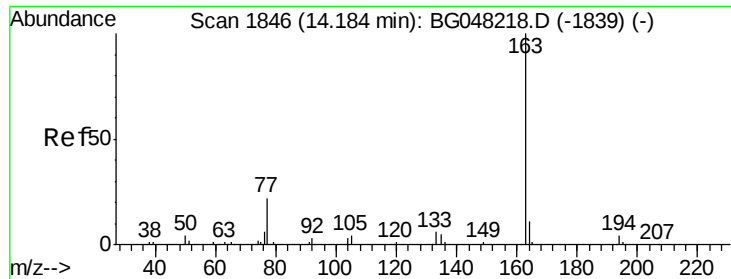


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

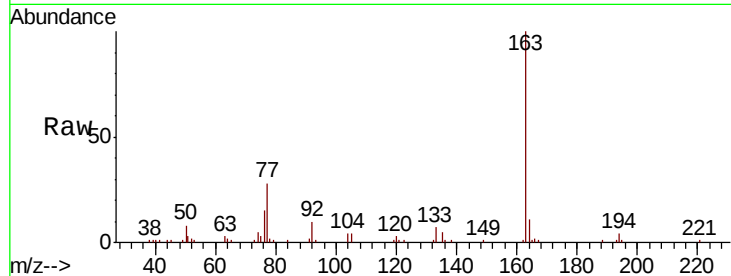




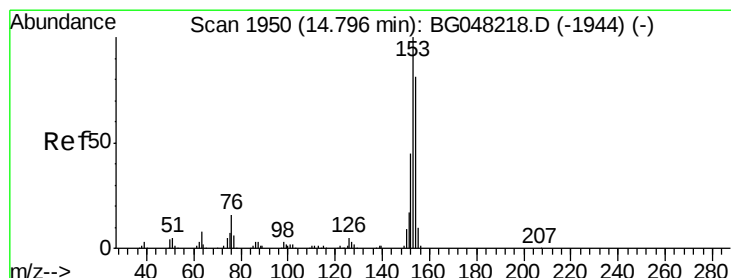
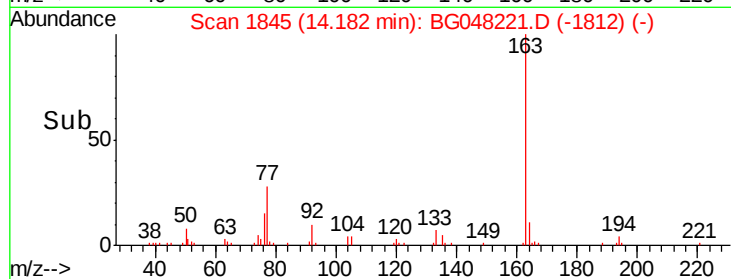
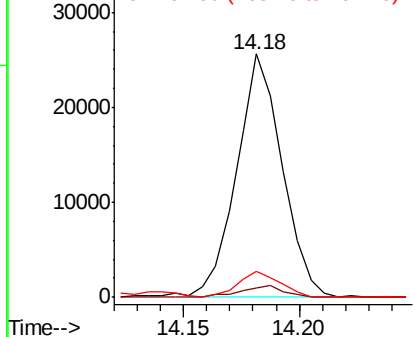
#45
Dimethylphthalate
Concen: 4.640 ng/ul
RT: 14.18 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG048221.D
Acq: 20 Feb 2021 3:32

Instrument :
BNA_G
ClientSampleId :
DBG7MS

Tot Ion:163 Resp: 35002
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.6 8.3 12.5

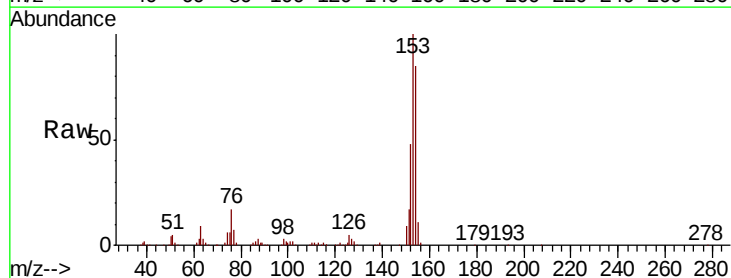


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

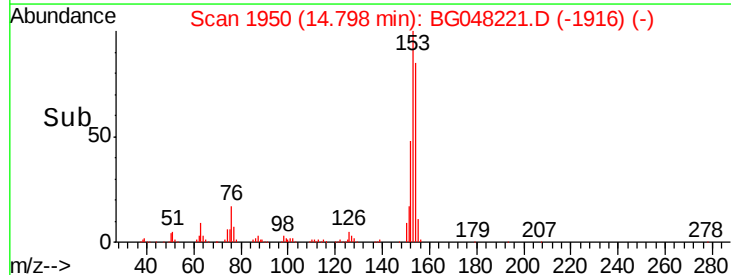
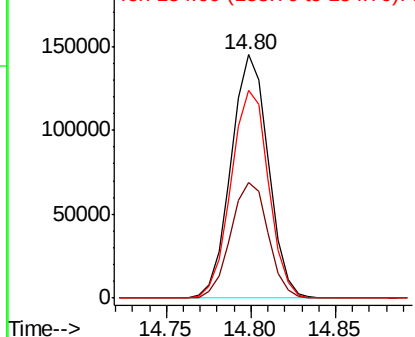


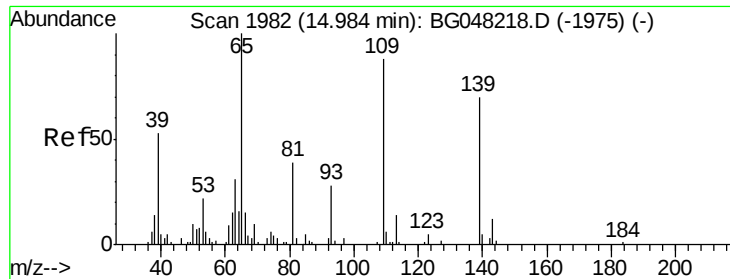
#50
Acenaphthene
Concen: 37.283 ng/ul
RT: 14.80 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG048221.D
Acq: 20 Feb 2021 3:32

Tgt Ion:153 Resp: 223231
Ion Ratio Lower Upper
153 100
152 47.5 39.0 58.6
154 85.3 67.0 100.4



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: 38.549 ng/ul

RT: 14.98 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG048221.D

Acq: 20 Feb 2021 3:32

Instrument :

BNA_G

ClientSampled :

DBG7MS

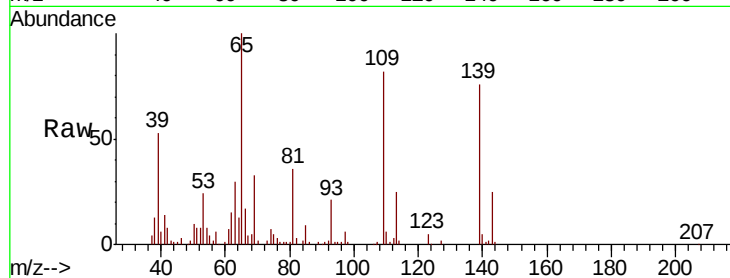
Tot Ion:109 Resp: 53960

Ion Ratio Lower Upper

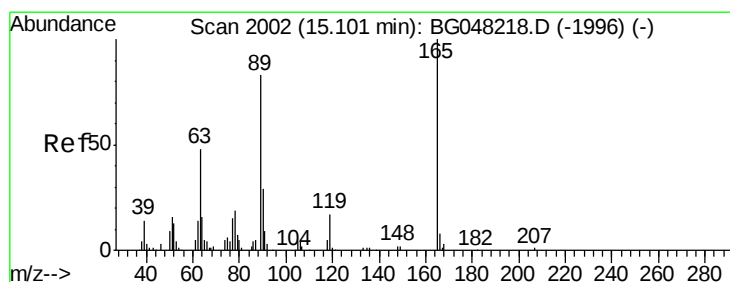
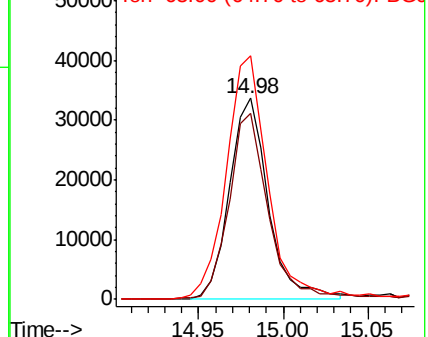
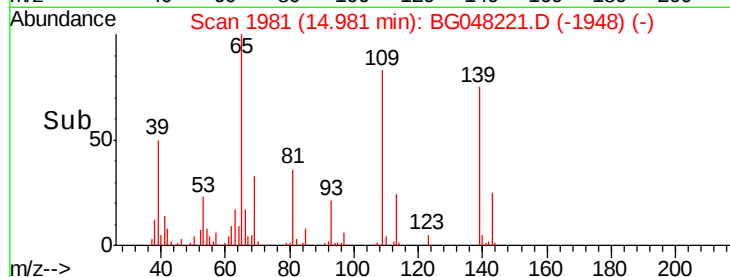
109 100

139 92.4 61.7 92.5

65 121.3 91.0 136.6



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



#55

2,4-Dinitrotoluene

Concen: 40.232 ng/ul

RT: 15.10 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG048221.D

Acq: 20 Feb 2021 3:32

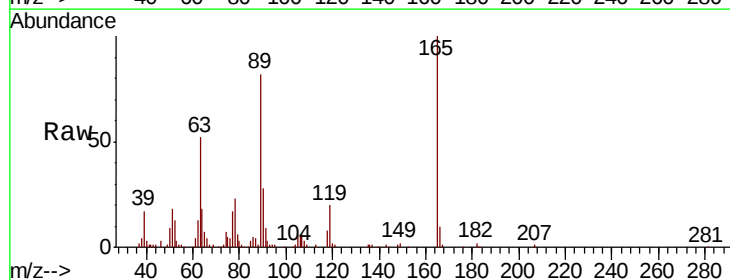
Tgt Ion:165 Resp: 91677

Ion Ratio Lower Upper

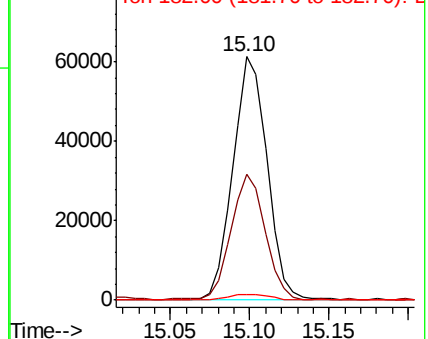
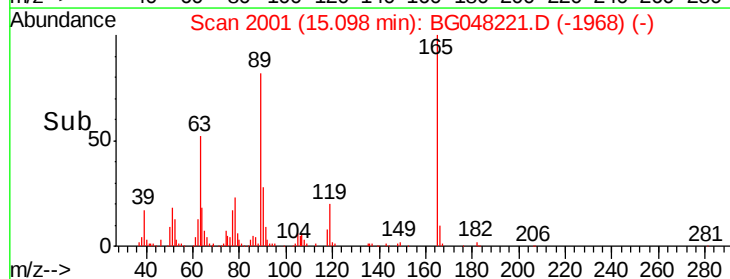
165 100

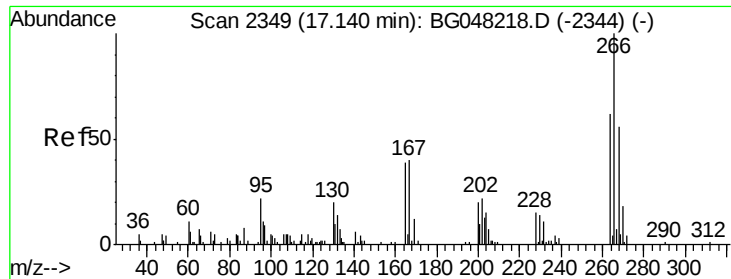
63 51.7 39.2 58.8

182 2.3 2.6 4.0#



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

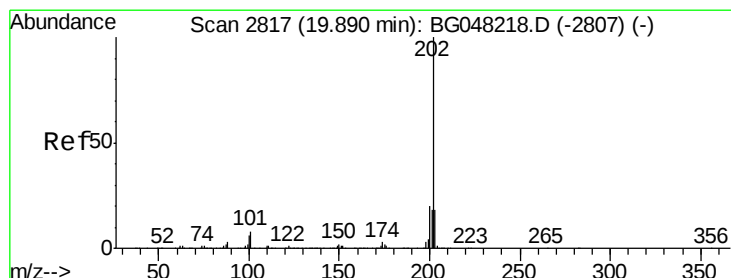
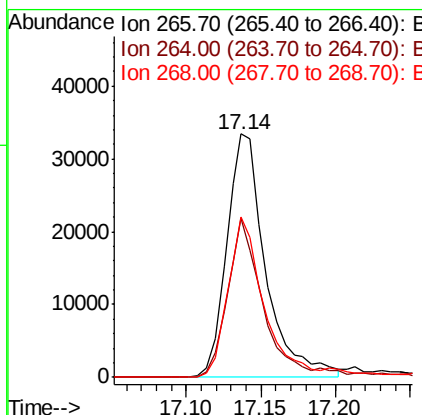
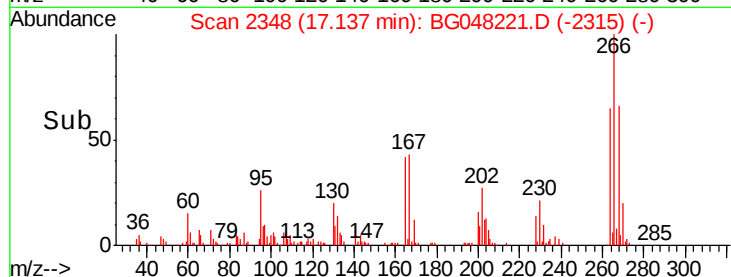
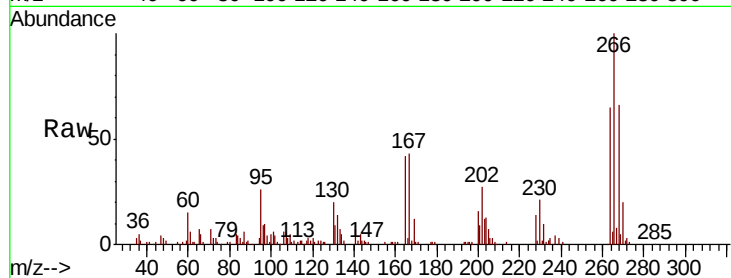




#69
 Pentachlorophenol
 Concen: 33.678 ng/ul
 RT: 17.14 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG048221.D
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 DBG7MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.5	47.0	70.4
268	66.0	53.9	80.9



#80
 Pyrene
 Concen: 35.951 ng/ul
 RT: 19.89 min Scan# 2816
 Delta R.T. -0.00 min
 Lab File: BG048221.D
 Acq: 20 Feb 2021 3:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.6	8.4
100	7.1	4.6	7.0

