

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048222.D
 Acq On : 20 Feb 2021 4:13
 Operator : CG/JU
 Sample : M1412-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBG7MSD

Quant Time: Feb 20 04:54:05 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	34457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	131947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	99645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	264843	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	301846	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	293296	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6262	7.57	ng/uL	0.00
5) Phenol-d5	7.29	99	114826	39.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	70581	40.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	84078	41.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	91303	40.09	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	42349	42.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	51100	42.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	93328	39.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	108902	47.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	307090	41.60	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	374521	41.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	53113	42.35	ng/ul	0.00
58) Fluorene-d10	15.73	176	277496	42.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	61810	38.07	ng/ul	0.00
71) Anthracene-d10	17.58	188	474528	41.79	ng/ul	0.00
79) Pyrene-d10	19.86	212	605669	40.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	617298	41.26	ng/ul	0.00

Target Compounds

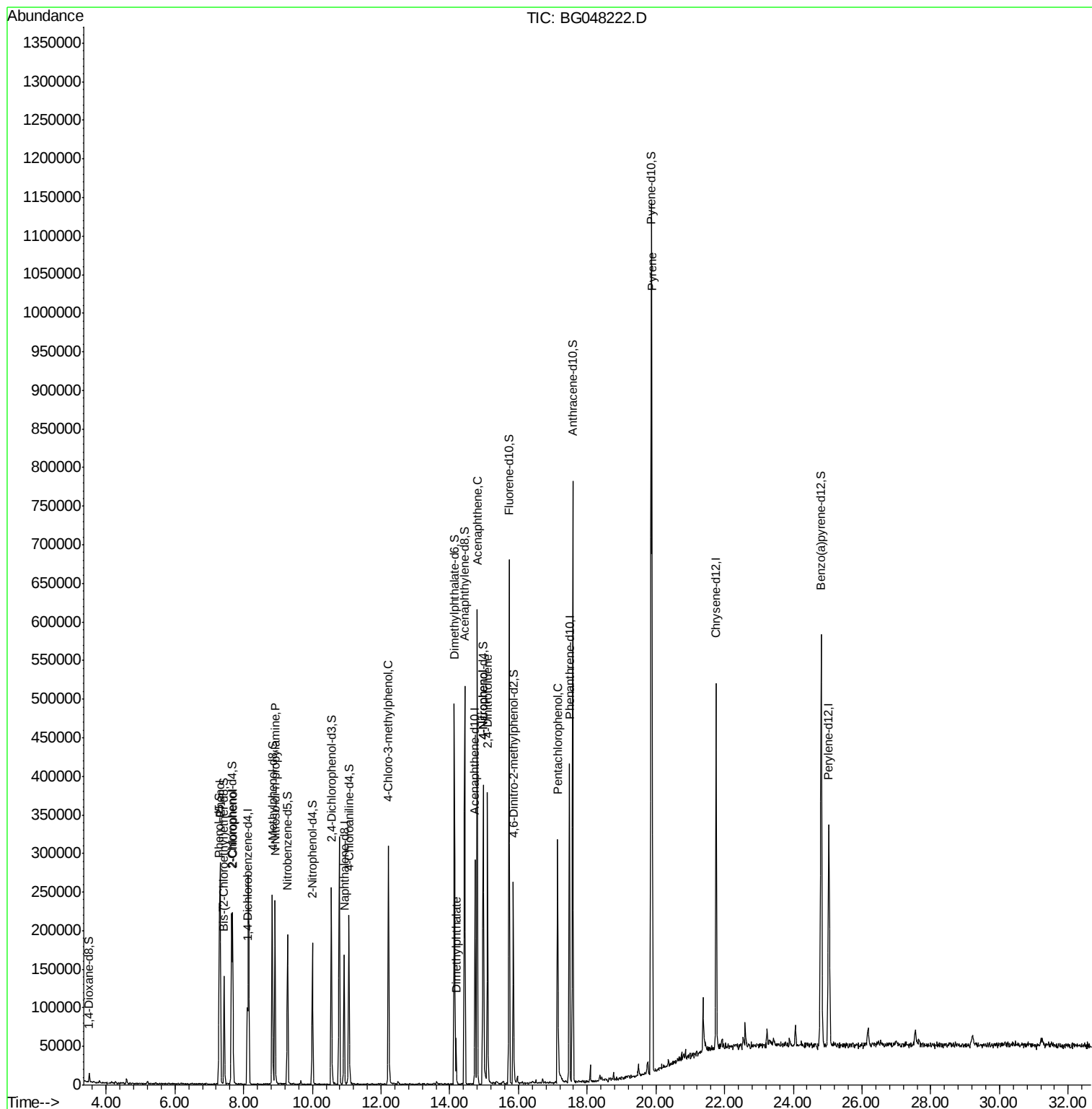
					Ovalue
6) Phenol	7.31	94	135706	45.274	ng/ul 98
10) 2-Chlorophenol	7.68	128	88051	40.842	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.92	70	91230	44.294	ng/ul 98
33) 4-Chloro-3-methylphenol	12.21	107	106301	42.986	ng/ul 96
45) Dimethylphthalate	14.18	163	34224	4.485	ng/ul 96
50) Acenaphthene	14.80	153	249489	41.195	ng/ul 99
53) 4-Nitrophenol	14.98	109	60782	42.928	ng/ul 89
55) 2,4-Dinitrotoluene	15.10	165	101899	44.209	ng/ul 93
69) Pentachlorophenol	17.14	266	66892	36.103	ng/ul 95
80) Pyrene	19.89	202	729094	38.878	ng/ul 99

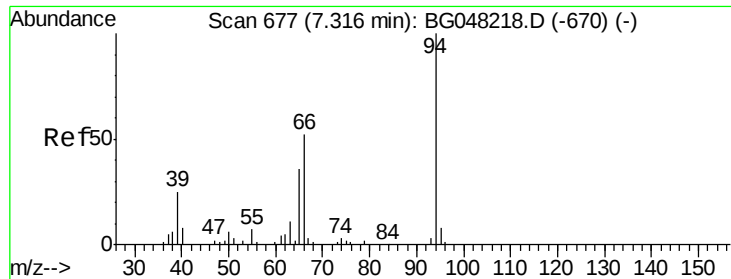
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 45.274 ng/ul

RT: 7.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

Instrument :

BNA_G

ClientSampleId :

DBG7MSD

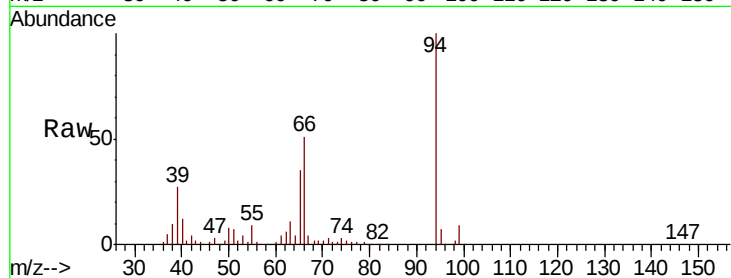
Tot Ion: 94 Resp: 135706

Ion Ratio Lower Upper

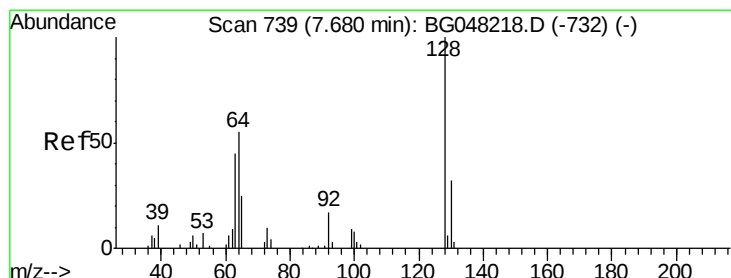
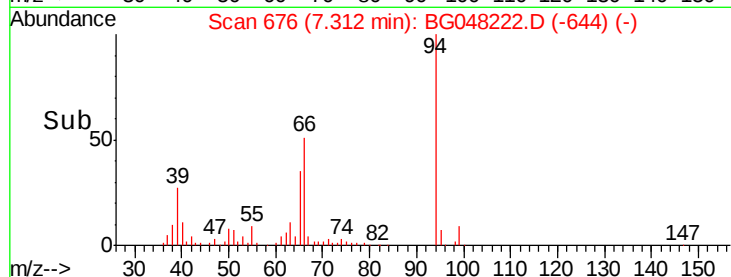
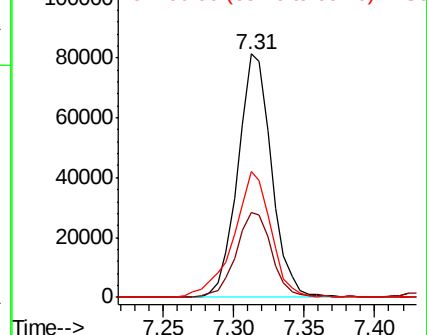
94 100

65 34.7 27.1 40.7

66 51.5 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: 40.842 ng/ul

RT: 7.68 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

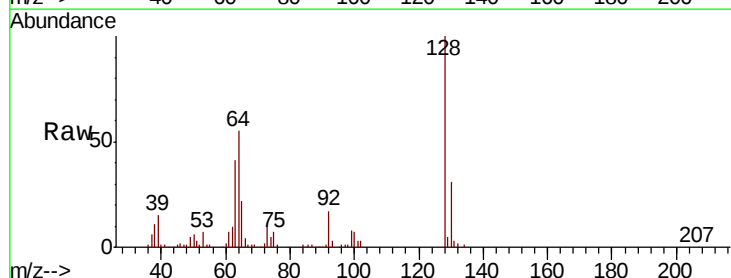
Tgt Ion:128 Resp: 88051

Ion Ratio Lower Upper

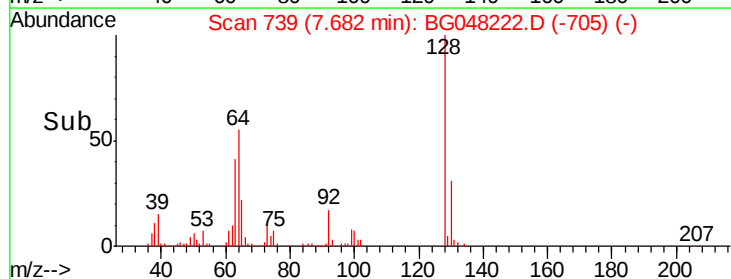
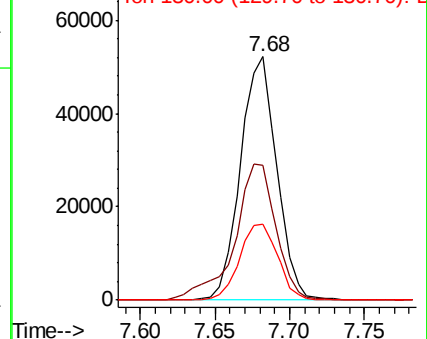
128 100

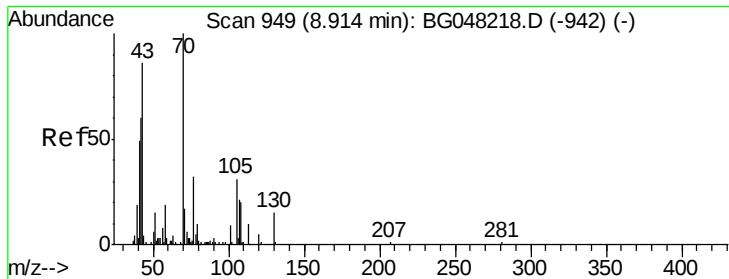
64 55.2 38.6 58.0

130 31.0 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: 44.294 ng/ul

RT: 8.92 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

Instrument :

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ClientSampleId :

DBG7MSD

Tot Ion: 70 Resp: 91230

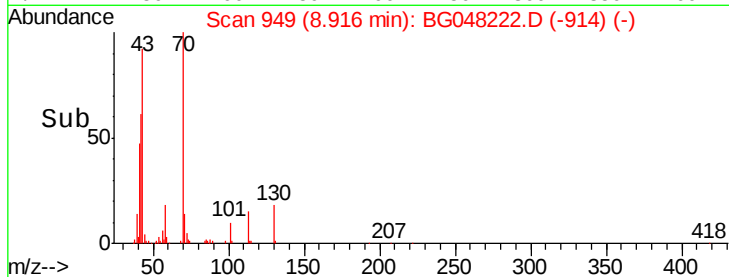
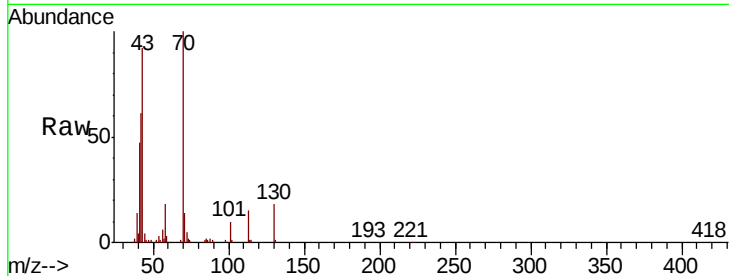
Ion Ratio Lower Upper

70 100

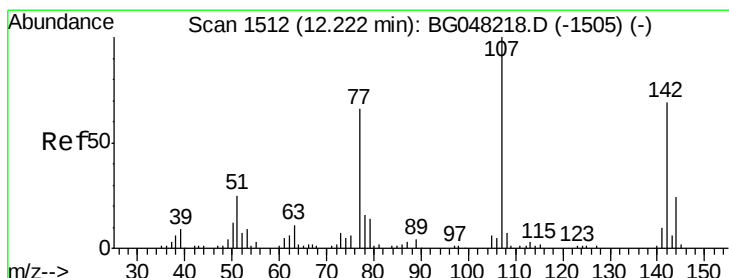
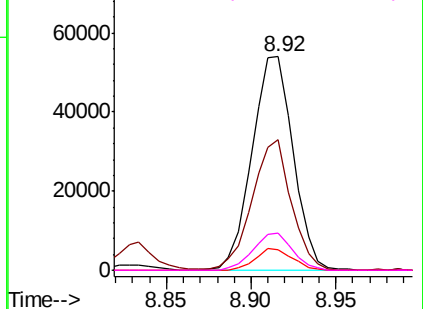
42 60.9 47.4 71.0

101 9.7 7.5 11.3

130 17.6 13.7 20.5



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 42.986 ng/ul

RT: 12.21 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

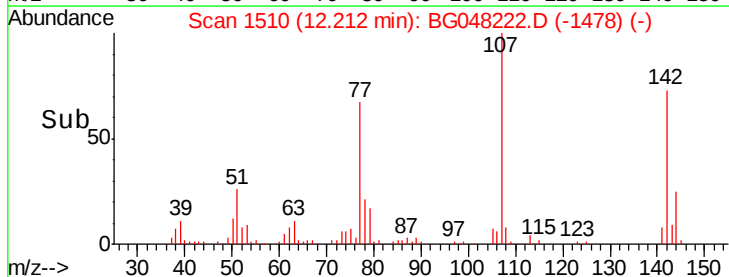
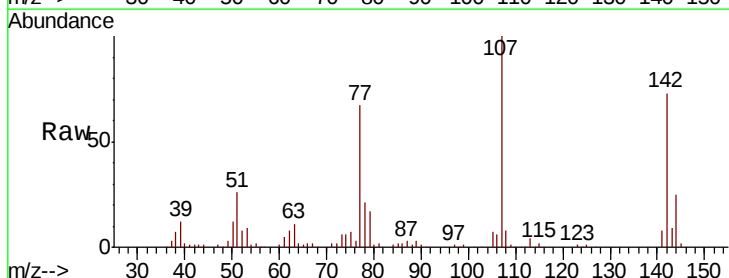
Tgt Ion: 107 Resp: 106301

Ion Ratio Lower Upper

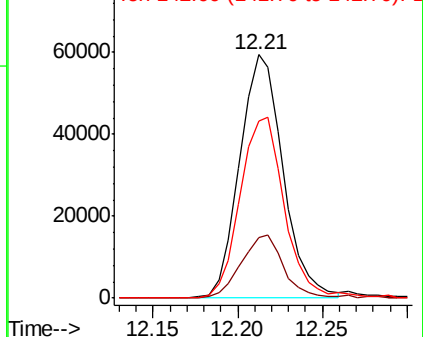
107 100

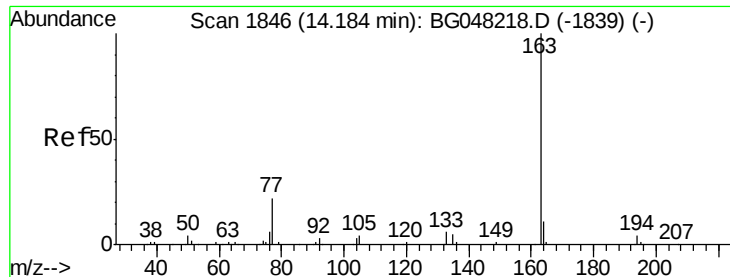
144 24.8 23.0 34.4

142 72.8 59.8 89.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 144.00 (143.70 to 144.70): BGC
Ion 142.00 (141.70 to 142.70): BGC





#45

Dimethylphthalate

Concen: 4.485 ng/ul

RT: 14.18 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

Instrument :

BNA_G

ClientSampleId :

DBG7MSD

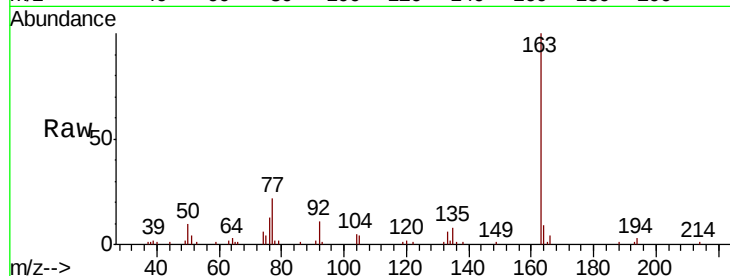
Tot Ion:163 Resp: 34224

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

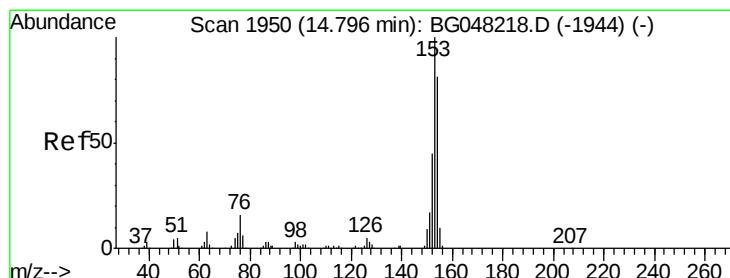
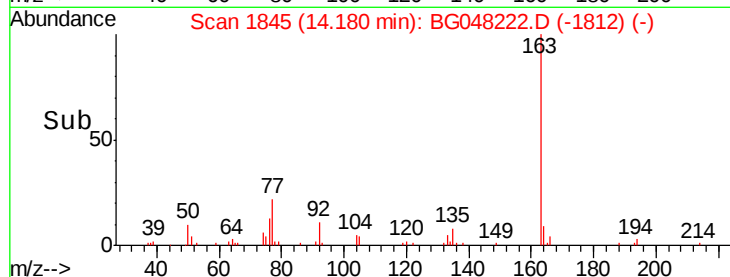
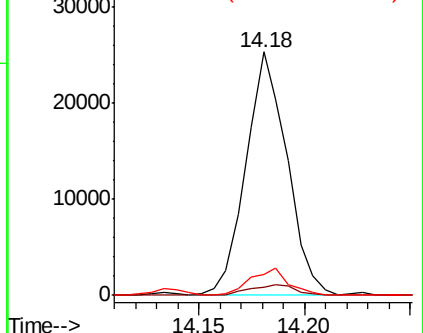
164 8.8 8.3 12.5



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: 41.195 ng/ul

RT: 14.80 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

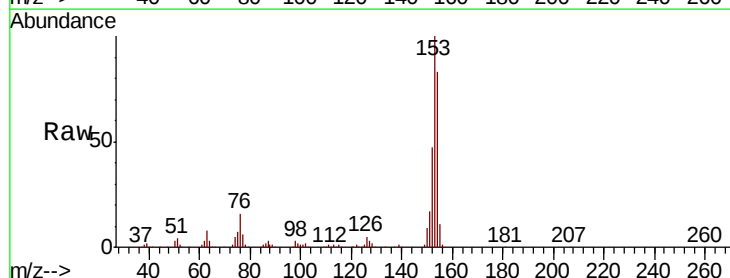
Tgt Ion:153 Resp: 249489

Ion Ratio Lower Upper

153 100

152 47.2 39.0 58.6

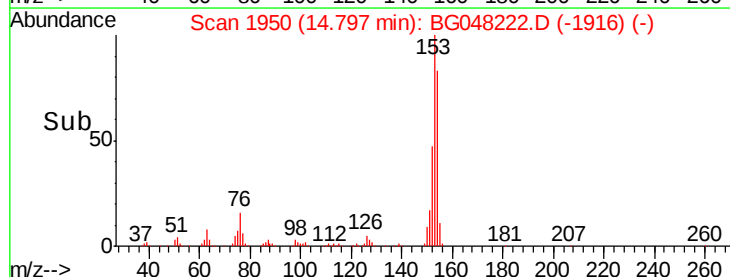
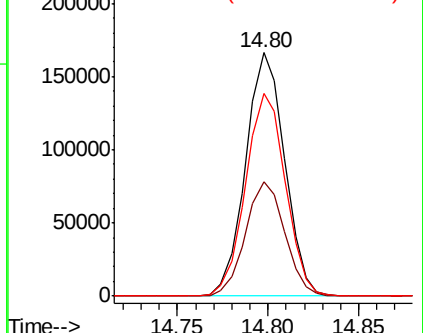
154 83.4 67.0 100.4

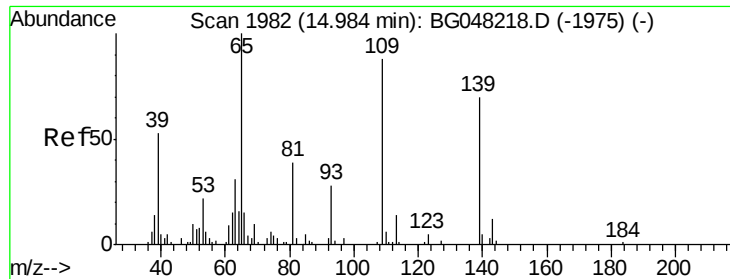


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 42.928 ng/ul

RT: 14.98 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

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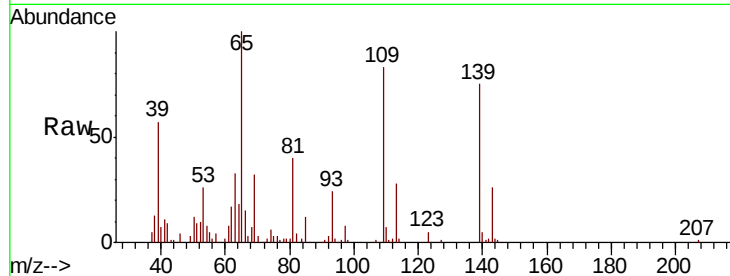
Tot Ion:109 Resp: 60782

Ion Ratio Lower Upper

109 100

139 91.0 61.7 92.5

65 121.1 91.0 136.6

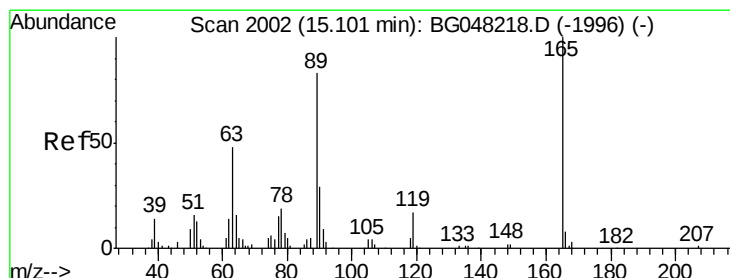
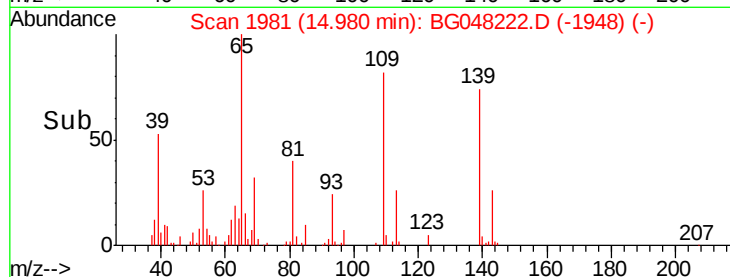
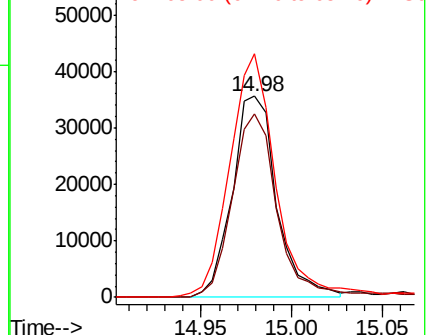


Abundance

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: 44.209 ng/ul

RT: 15.10 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG048222.D

Acq: 20 Feb 2021 4:13

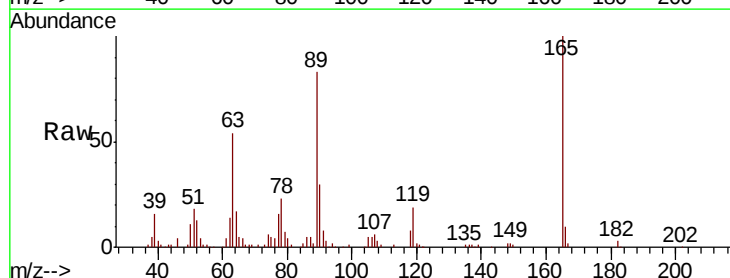
Tgt Ion:165 Resp: 101899

Ion Ratio Lower Upper

165 100

63 54.3 39.2 58.8

182 3.3 2.6 4.0

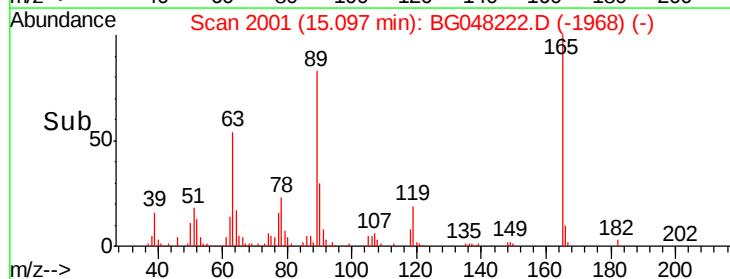
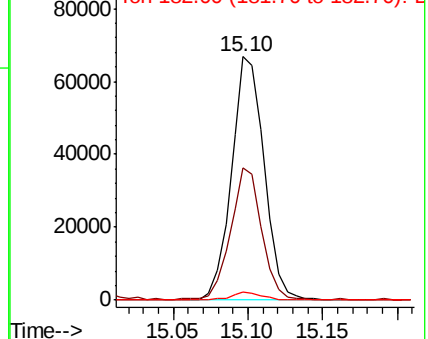


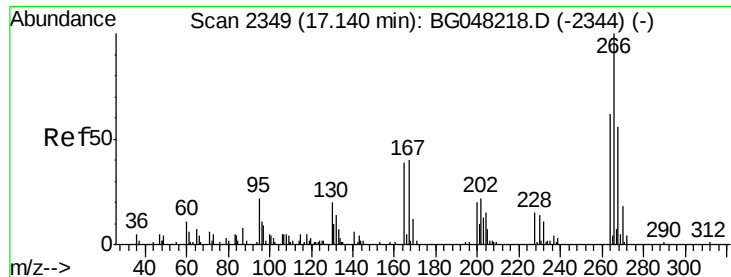
Abundance

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

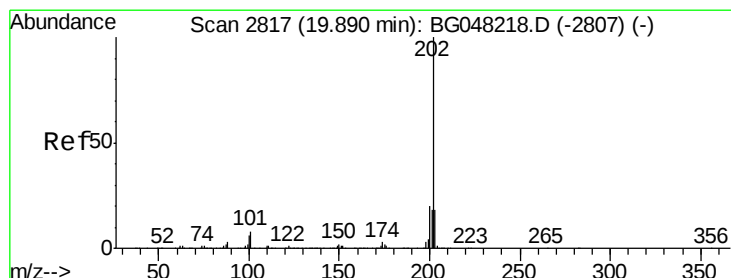
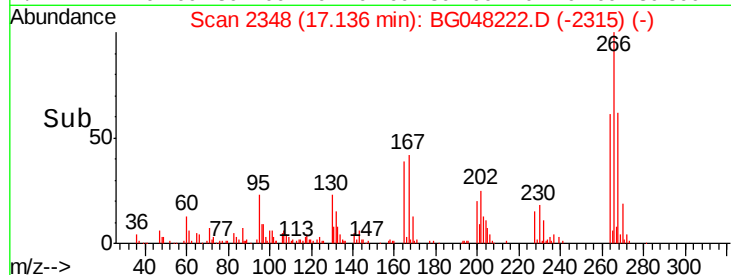
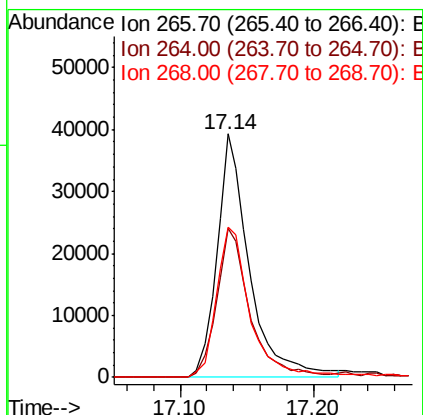
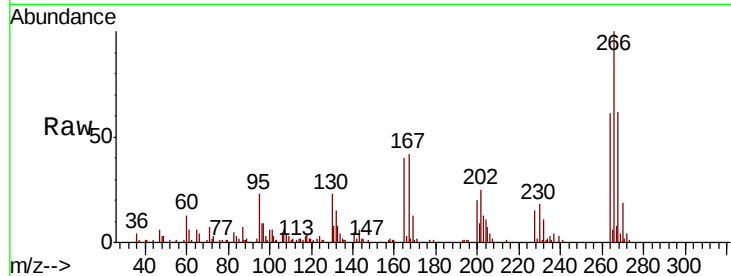




#69
 Pentachlorophenol
 Concen: 36.103 ng/ul
 RT: 17.14 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG048222.D
 Acq: 20 Feb 2021 4:13

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Tot Ion	Ratio	Lower	Upper
266	100		
264	61.3	47.0	70.4
268	61.9	53.9	80.9



#80
 Pyrene
 Concen: 38.878 ng/ul
 RT: 19.89 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BG048222.D
 Acq: 20 Feb 2021 4:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.6	8.4
100	6.4	4.6	7.0

