

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048214.D
 Acq On : 19 Feb 2021 22:10
 Operator : CG/JU
 Sample : M1379-20MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBH16MS

Quant Time: Feb 19 22:52:11 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	33501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	134128	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	101605	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	266842	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	302653	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	295783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4565	5.67	ng/uL	0.00
5) Phenol-d5	7.29	99	83003	29.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	54823	32.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	64984	32.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	63170	28.53	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	32610	32.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	41847	34.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	70642	29.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	83399	35.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	248357	33.00	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	300762	32.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	38724	30.28	ng/ul	0.00
58) Fluorene-d10	15.73	176	222142	33.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	45814	28.00	ng/ul	0.00
71) Anthracene-d10	17.58	188	379681	33.19	ng/ul	0.00
79) Pyrene-d10	19.86	212	480123	31.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	491770	32.59	ng/ul	0.00

Target Compounds

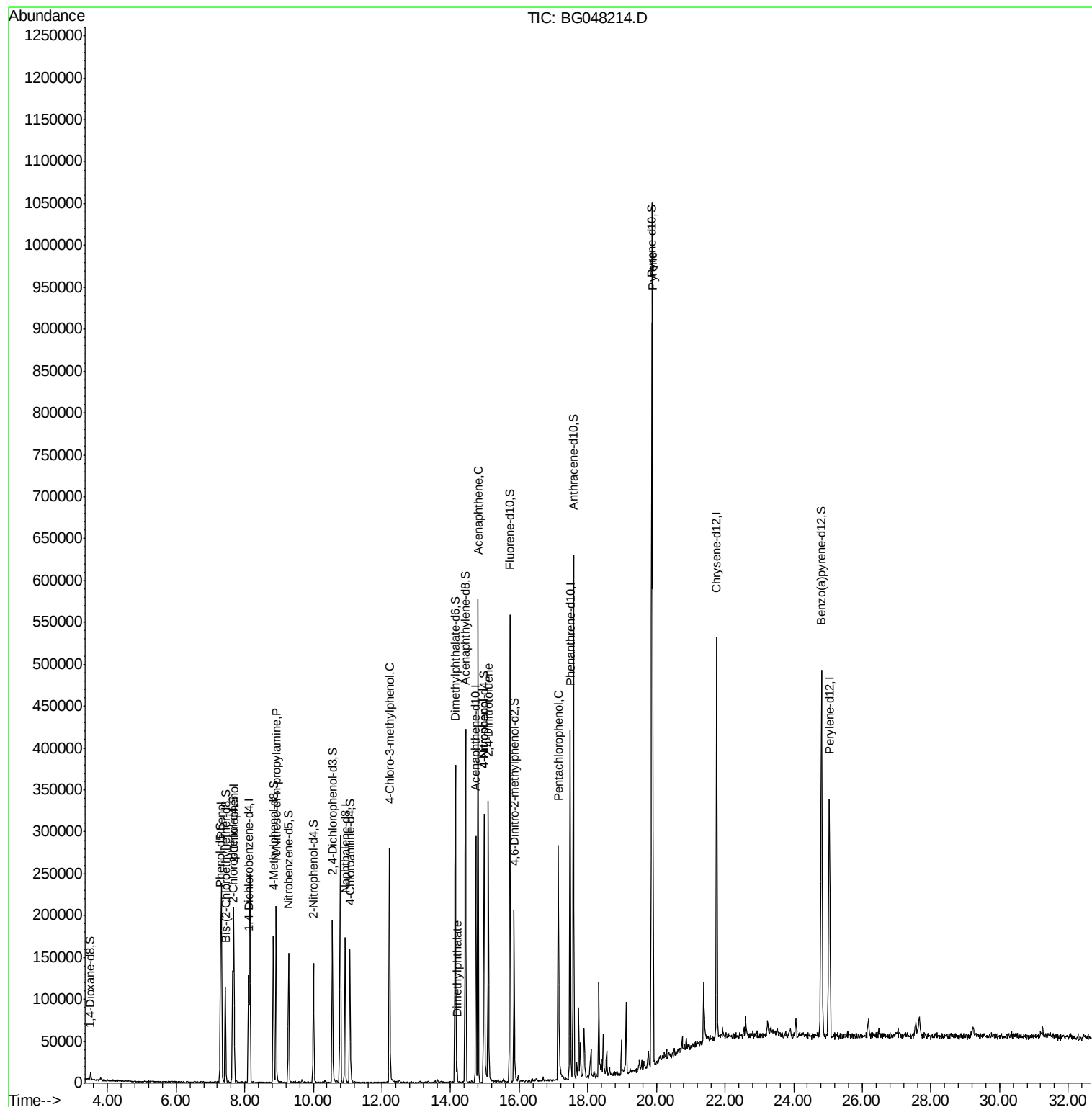
				Ovalue	
6) Phenol	7.32	94	117656	40.373	ng/ul 97
10) 2-Chlorophenol	7.68	128	79532	37.944	ng/ul# 89
15) N-Nitroso-di-n-propylamine	8.91	70	82409	41.153	ng/ul 99
33) 4-Chloro-3-methylphenol	12.22	107	98640	39.239	ng/ul 96
45) Dimethylphthalate	14.19	163	13345	1.715	ng/ul# 99
50) Acenaphthene	14.80	153	229918	37.231	ng/ul 98
53) 4-Nitrophenol	14.98	109	55960	38.760	ng/ul 85
55) 2,4-Dinitrotoluene	15.10	165	93461	39.766	ng/ul 95
69) Pentachlorophenol	17.14	266	65206	34.929	ng/ul 96
80) Pyrene	19.89	202	679519	36.138	ng/ul 99

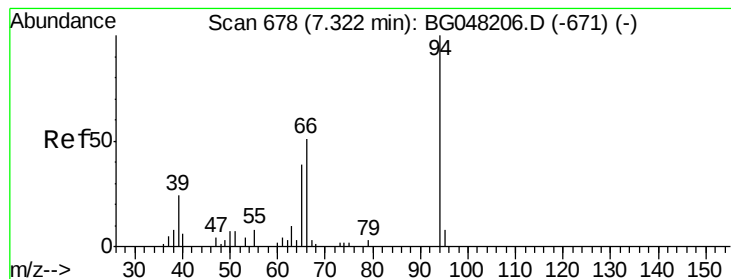
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 40.373 ng/ul

RT: 7.32 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

Instrument :

BNA_G

ClientSampleId :

DBH16MS

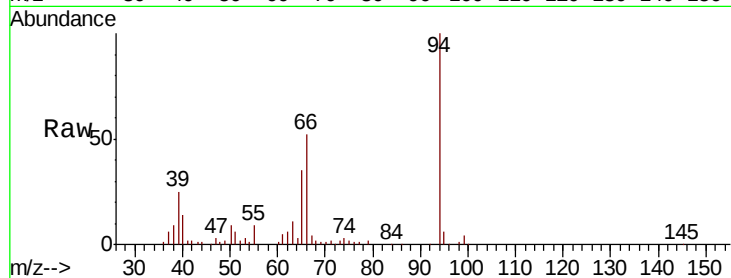
Tot Ion: 94 Resp: 117656

Ion Ratio Lower Upper

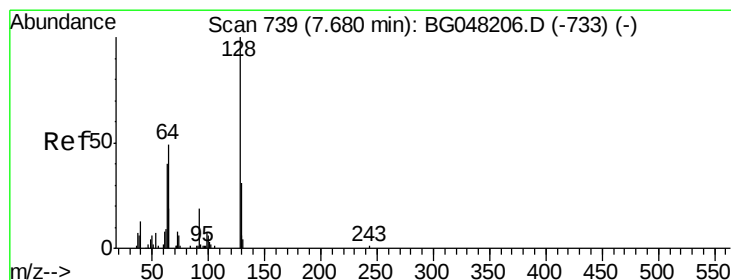
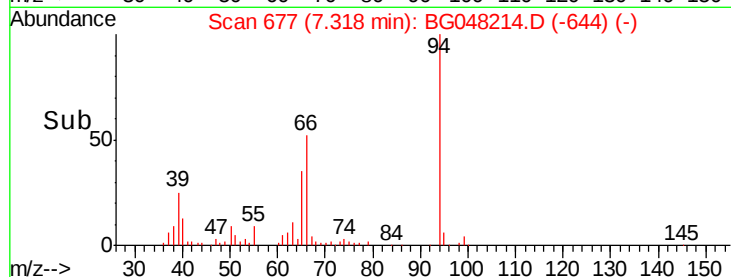
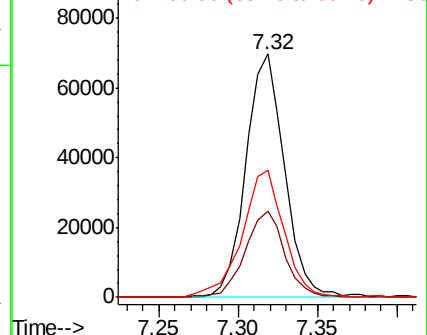
94 100

65 35.2 27.1 40.7

66 52.2 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: 37.944 ng/ul

RT: 7.68 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

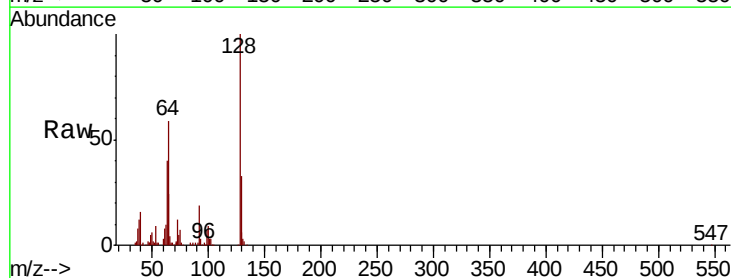
Tgt Ion:128 Resp: 79532

Ion Ratio Lower Upper

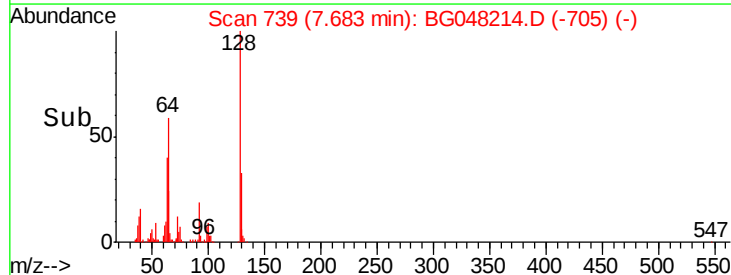
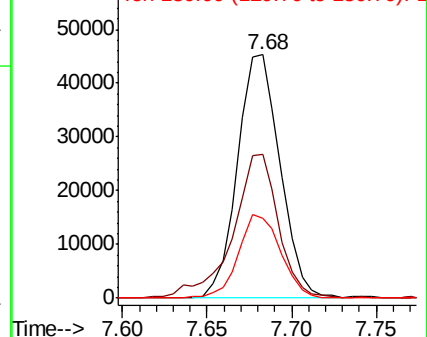
128 100

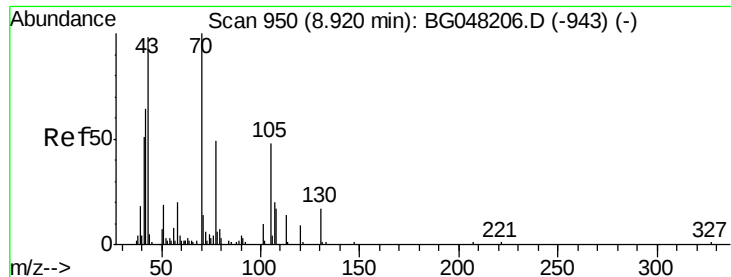
64 58.8 38.6 58.0#

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: 41.153 ng/ul

RT: 8.91 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

Instrument :

BNA_G

ClientSampleId :

DBH16MS

Tot Ion: 70 Resp: 82409

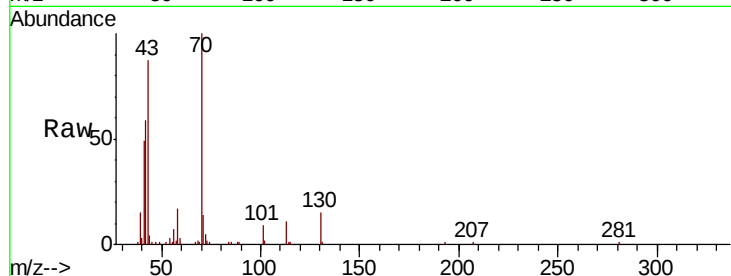
Ion Ratio Lower Upper

70 100

42 59.1 47.4 71.0

101 8.8 7.5 11.3

130 15.0 13.7 20.5

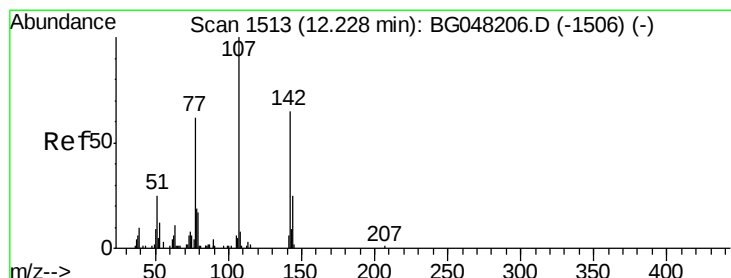
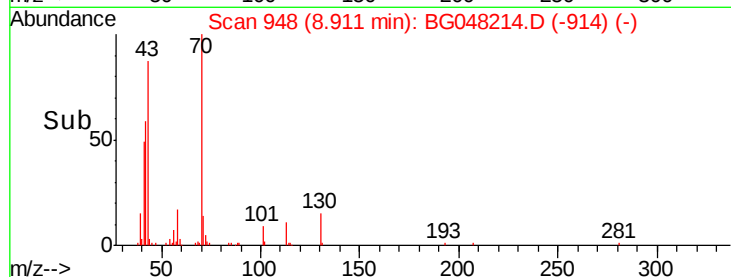
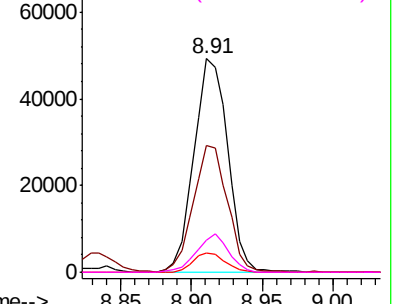


Abundance Ion 70.00 (69.70 to 70.70): BG048206.D (-943) (-)

Ion 42.00 (41.70 to 42.70): BG048206.D (-943) (-)

Ion 101.00 (100.70 to 101.70): BG048206.D (-943) (-)

Ion 130.00 (129.70 to 130.70): BG048206.D (-943) (-)



#33

4-Chloro-3-methylphenol

Concen: 39.239 ng/ul

RT: 12.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

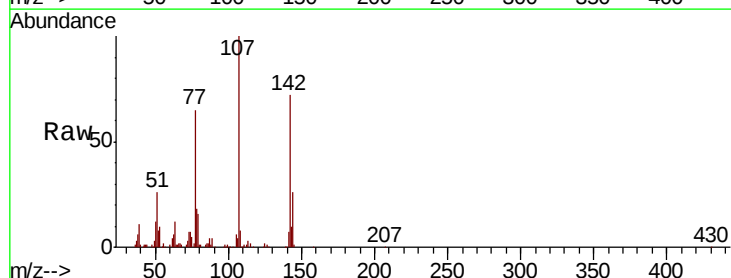
Tgt Ion: 107 Resp: 98640

Ion Ratio Lower Upper

107 100

144 25.8 23.0 34.4

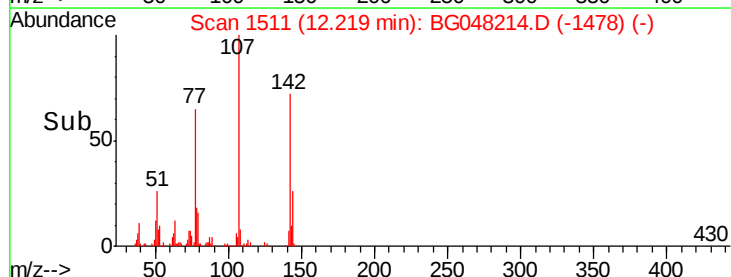
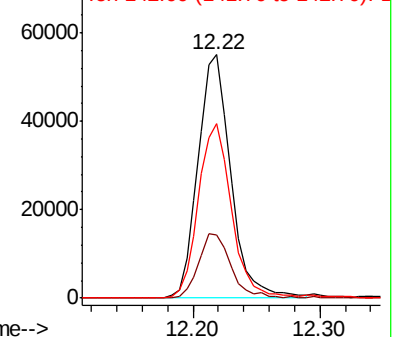
142 71.8 59.8 89.6

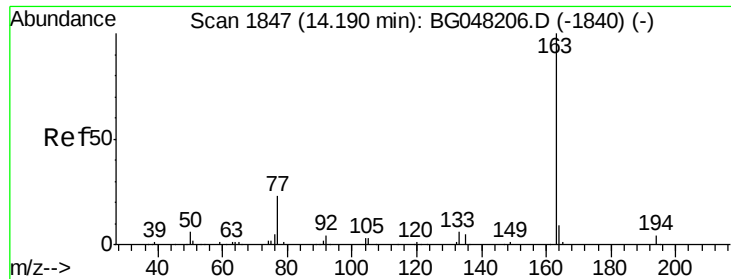


Abundance Ion 107.00 (106.70 to 107.70): BG048206.D (-1506) (-)

Ion 144.00 (143.70 to 144.70): BG048206.D (-1506) (-)

Ion 142.00 (141.70 to 142.70): BG048206.D (-1506) (-)





#45

Dimethylphthalate

Concen: 1.715 ng/ul

RT: 14.19 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

Instrument :

BNA_G

ClientSampleId :

DBH16MS

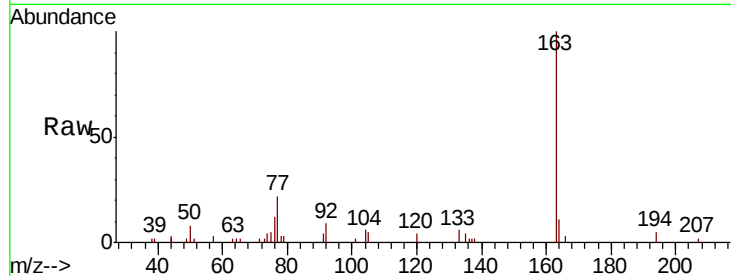
Tot Ion:163 Resp: 13345

Ion Ratio Lower Upper

163 100

194 5.1 3.3 4.9#

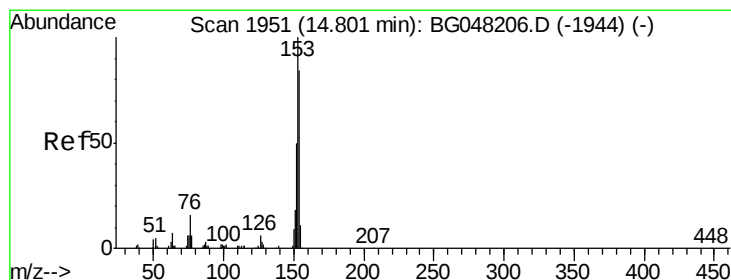
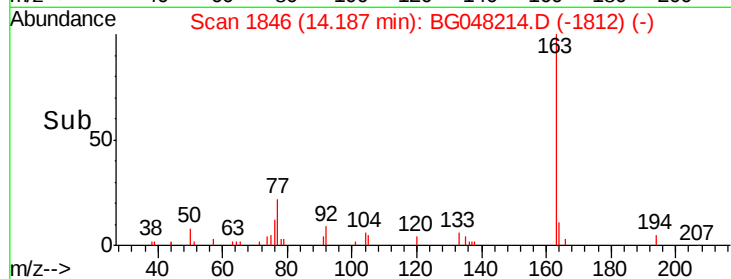
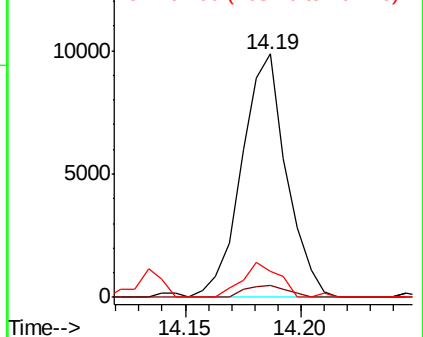
164 10.5 8.3 12.5



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: 37.231 ng/ul

RT: 14.80 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

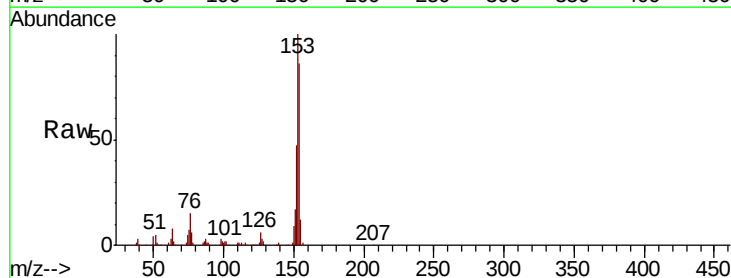
Tgt Ion:153 Resp: 229918

Ion Ratio Lower Upper

153 100

152 47.4 39.0 58.6

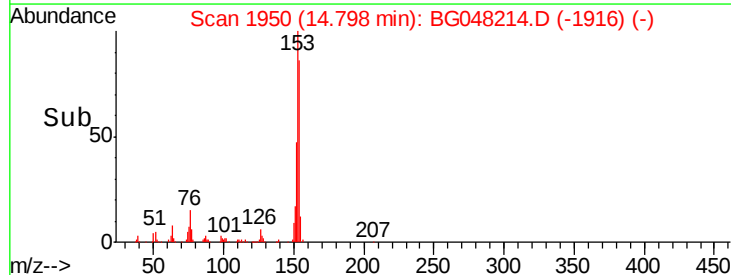
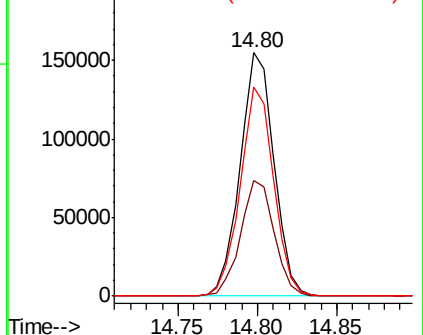
154 85.8 67.0 100.4

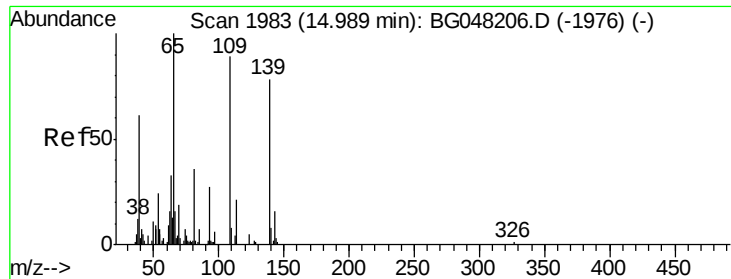


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 38.760 ng/ul

RT: 14.98 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG048214.D

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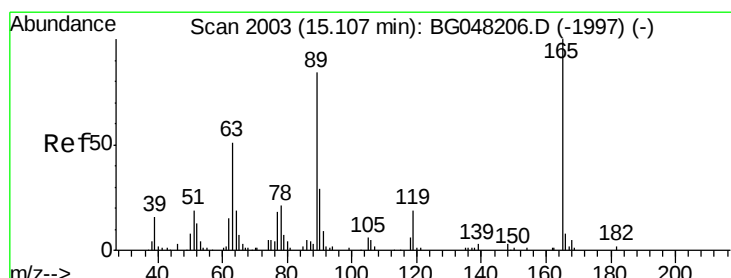
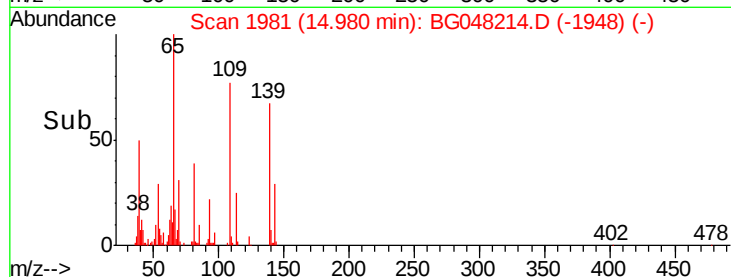
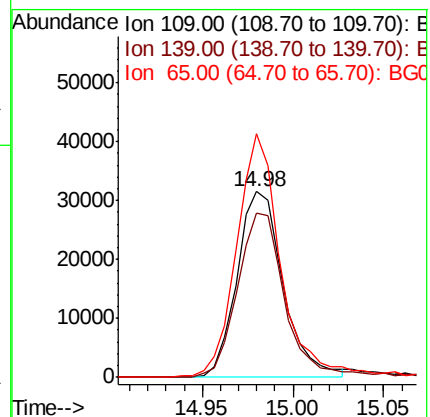
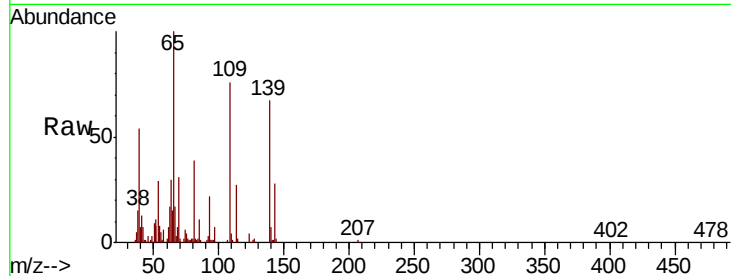
Tot Ion:109 Resp: 55960

Ion Ratio Lower Upper

109 100

139 88.2 61.7 92.5

65 131.2 91.0 136.6



#55

2,4-Dinitrotoluene

Concen: 39.766 ng/ul

RT: 15.10 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG048214.D

Acq: 19 Feb 2021 22:10

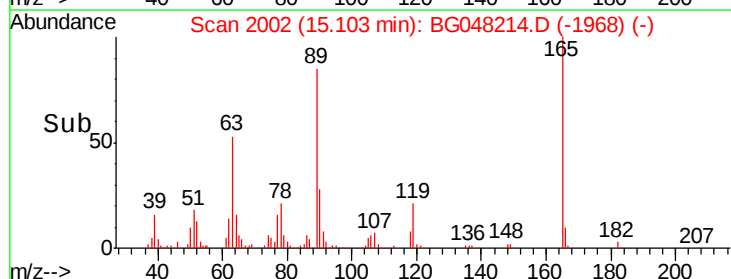
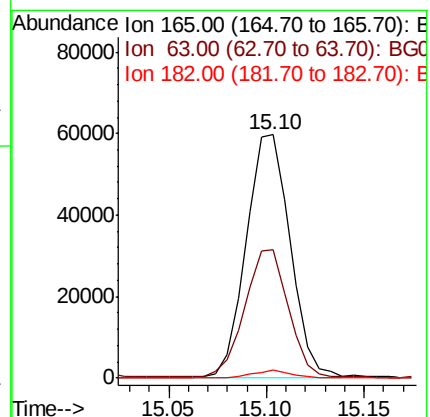
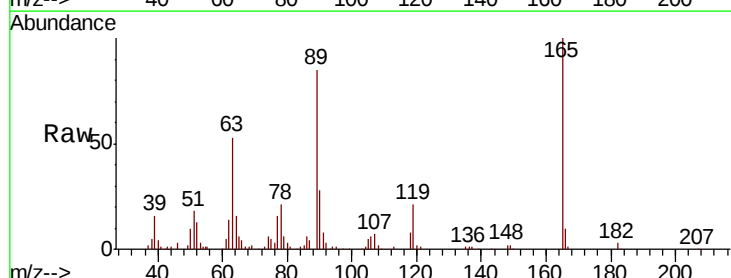
Tgt Ion:165 Resp: 93461

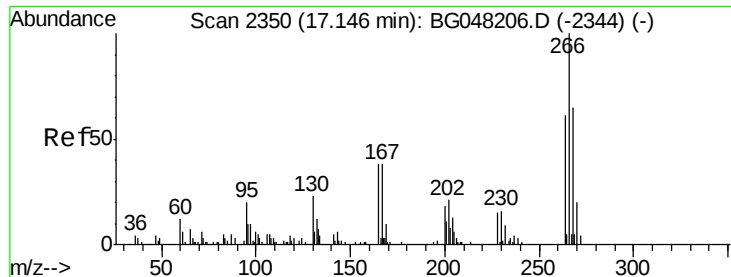
Ion Ratio Lower Upper

165 100

63 52.6 39.2 58.8

182 3.1 2.6 4.0

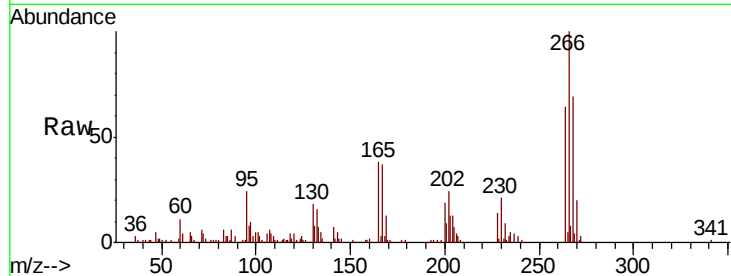




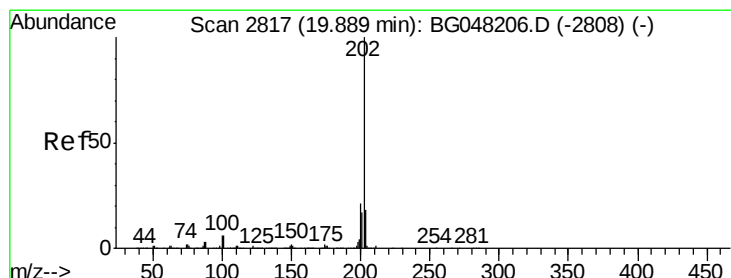
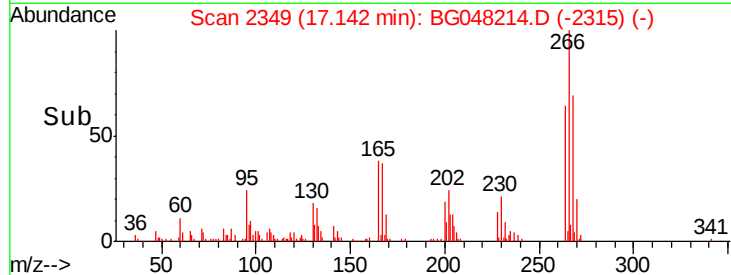
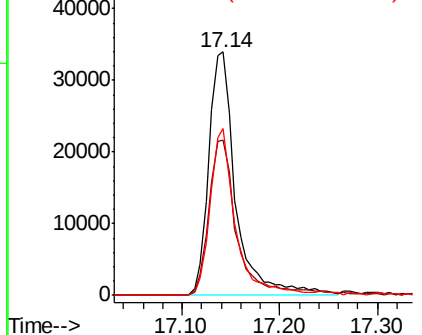
#69
 Pentachlorophenol
 Concen: 34.929 ng/ul
 RT: 17.14 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG048214.D
 Acq: 19 Feb 2021 22:10

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Tot Ion:	266	Resp:	65206
Ion	Ratio	Lower	Upper
266	100		
264	63.7	47.0	70.4
268	68.7	53.9	80.9

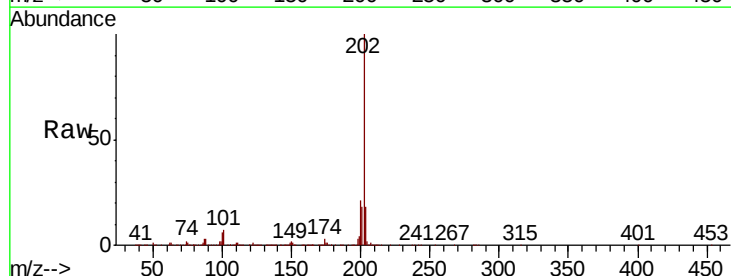


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.138 ng/ul
 RT: 19.89 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BG048214.D
 Acq: 19 Feb 2021 22:10

Tgt Ion:	202	Resp:	679519
Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.6	8.4
100	6.3	4.6	7.0



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

