

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048205.D
 Acq On : 19 Feb 2021 15:45
 Operator : CG/JU
 Sample : M1407-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ0

Quant Time: Feb 19 16:23:35 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	32835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	130758	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	101869	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	273410	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	305112	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	285156	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	3870	4.91	ng/uL	0.00
5) Phenol-d5	7.29	99	98603	35.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	59160	35.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	68703	35.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	80847	37.25	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	34193	35.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	43915	37.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	87277	37.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	101150	44.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	294947	39.09	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	340525	36.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	47309	36.90	ng/ul	0.00
58) Fluorene-d10	15.73	176	255539	37.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	66290	39.55	ng/ul	0.00
71) Anthracene-d10	17.58	188	448953	38.30	ng/ul	0.00
79) Pyrene-d10	19.86	212	560301	36.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	571865	39.31	ng/ul	0.00

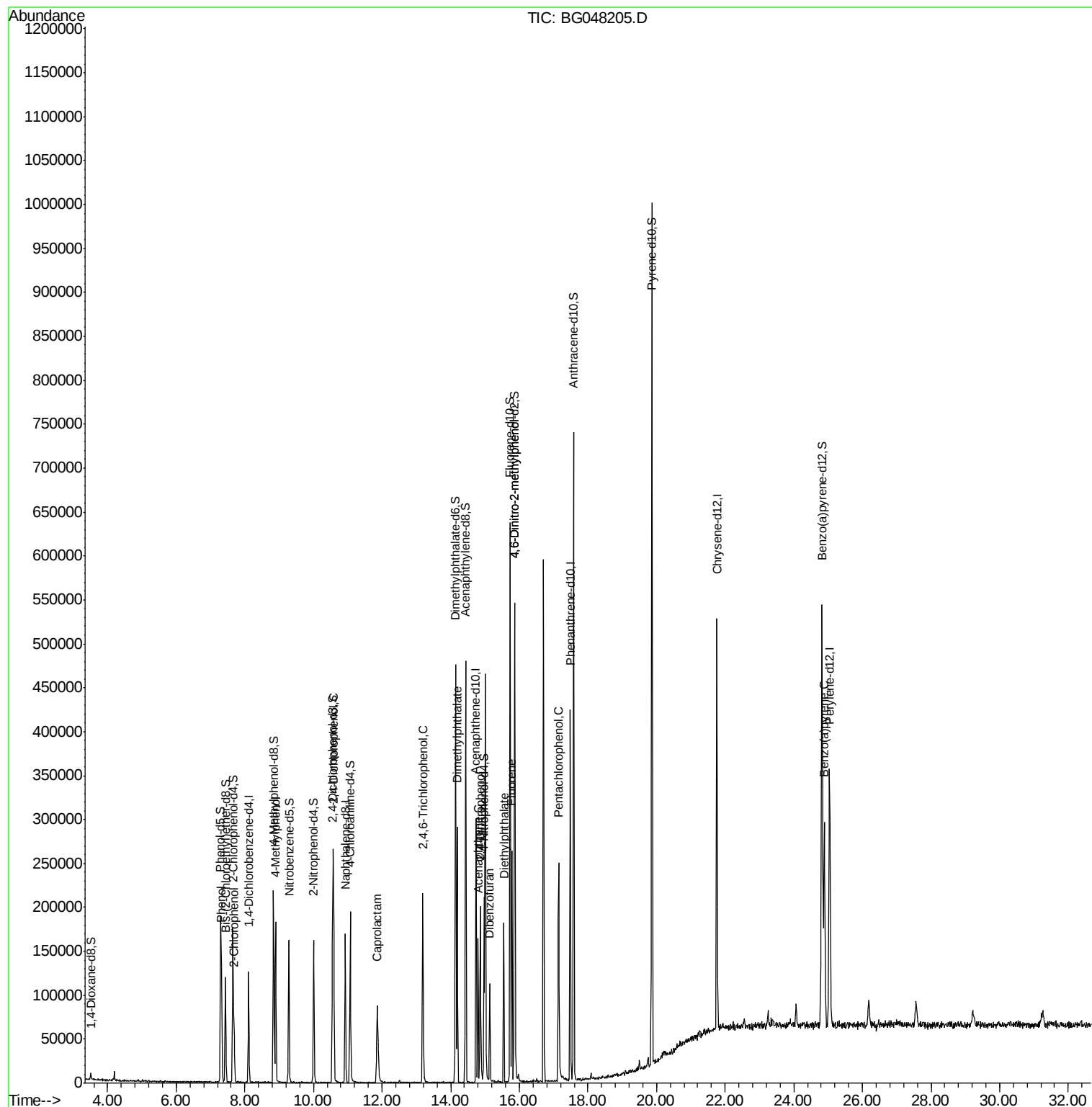
Target Compounds				Ovalue		
6) Phenol	7.32	94	60023	21.014	ng/ul	97
10) 2-Chlorophenol	7.68	128	27553	13.412	ng/ul	93
16) 4-Methylphenol	8.90	108	59087	26.496	ng/ul	89
27) 2,4-Dichlorophenol	10.59	162	83627	37.780	ng/ul#	88
32) Caprolactam	11.85	113	24822	32.135	ng/ul	80
39) 2,4,6-Trichlorophenol	13.19	196	60379	26.758	ng/ul	97
45) Dimethylphthalate	14.19	163	176577	22.637	ng/ul	98
50) Acenaphthene	14.80	153	67167	10.848	ng/ul	96
51) 2,4-Dinitrophenol	14.86	184	50687	49.474	ng/ul	93
54) Dibenzofuran	15.14	168	68997	7.636	ng/ul	92
57) Diethylphthalate	15.55	149	100566	12.490	ng/ul	99
59) Fluorene	15.78	166	113909	15.593	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.87	198	103694	62.077	ng/ul	97
69) Pentachlorophenol	17.15	266	56377	29.474	ng/ul	97
91) Benzo(a)pyrene	24.89	252	260810	16.554	ng/ul	99

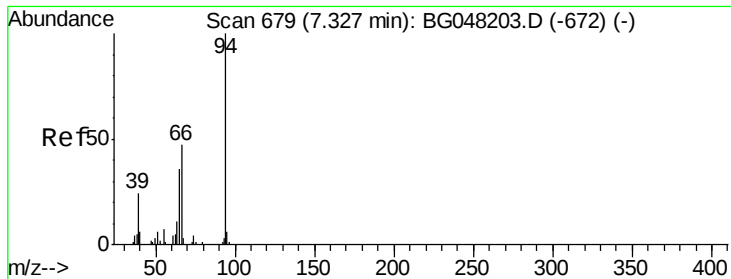
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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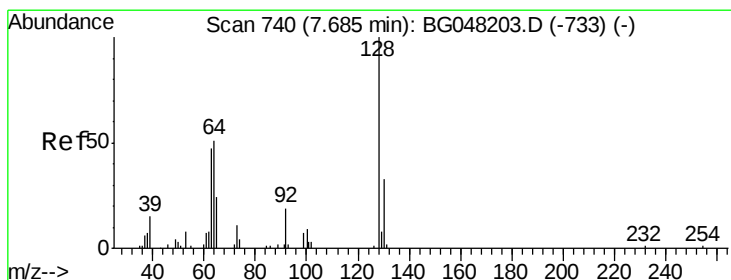
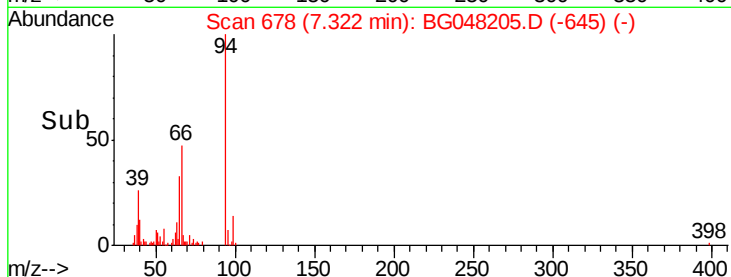
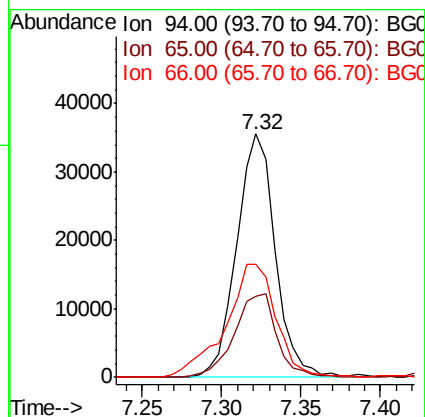
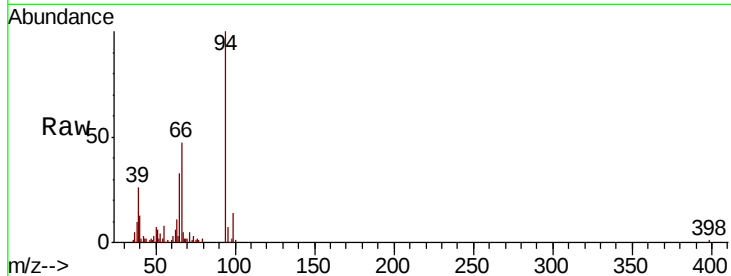
#6

Phenol

Concen: 21.014 ng/ul
 RT: 7.32 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BG048205.D
 Acq: 19 Feb 2021 15:45

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ0

Tot Ion: 94 Resp: 60023
 Ion Ratio Lower Upper
 94 100
 65 33.5 27.1 40.7
 66 46.5 40.1 60.1

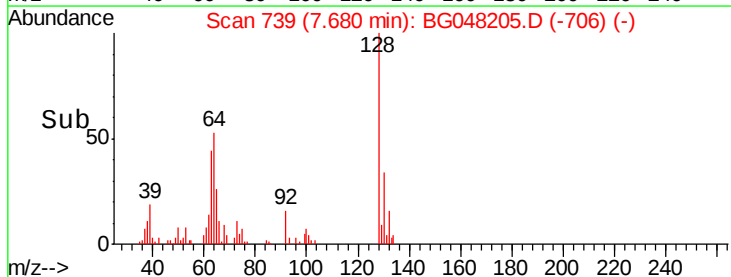
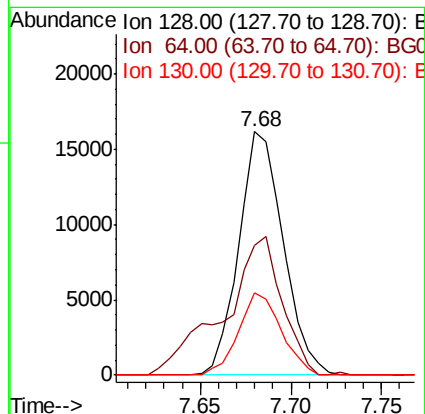
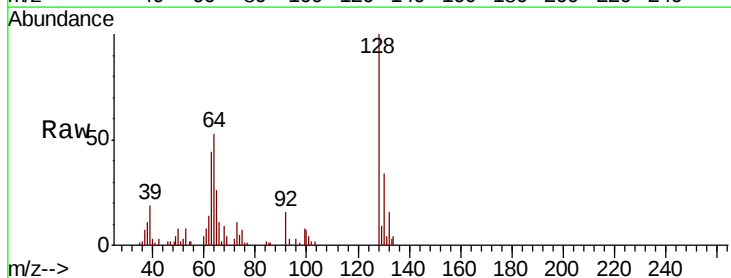


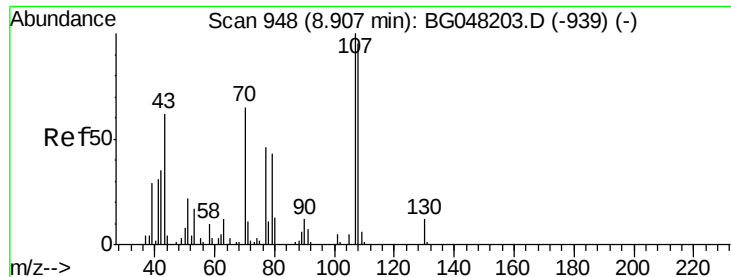
#10

2-Chlorophenol

Concen: 13.412 ng/ul
 RT: 7.68 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BG048205.D
 Acq: 19 Feb 2021 15:45

Tgt Ion: 128 Resp: 27553
 Ion Ratio Lower Upper
 128 100
 64 53.2 38.6 58.0
 130 33.7 24.4 36.6

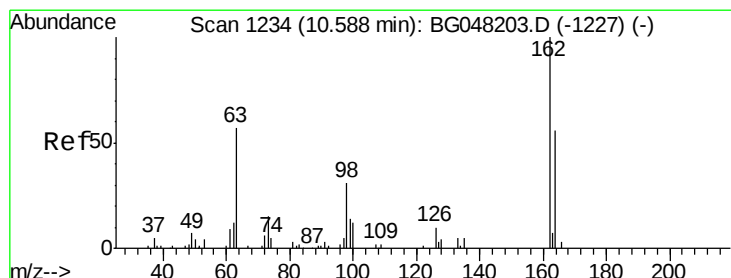
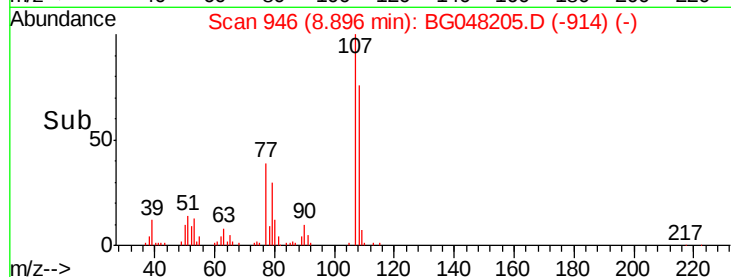
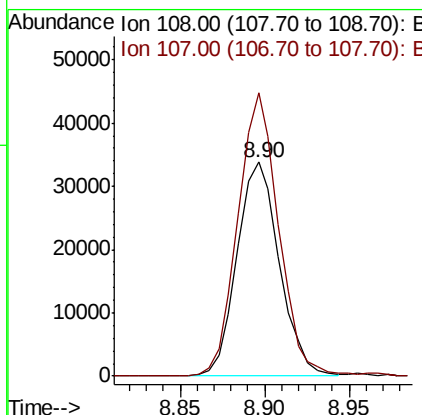
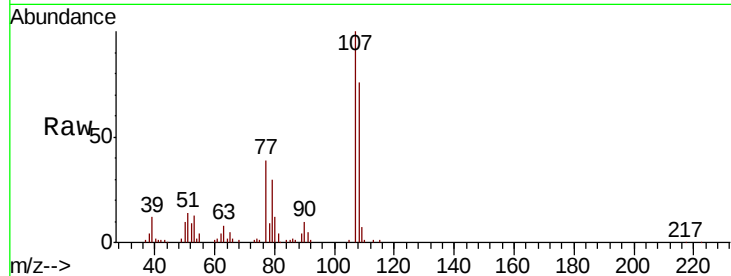




#16
 4-Methylphenol
 Concen: 26.496 ng/ul
 RT: 8.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BG048205.D
 Acq: 19 Feb 2021 15:45

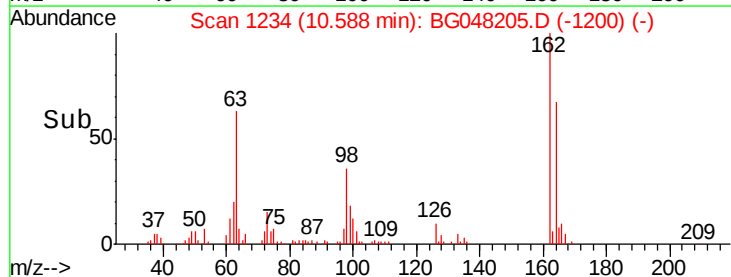
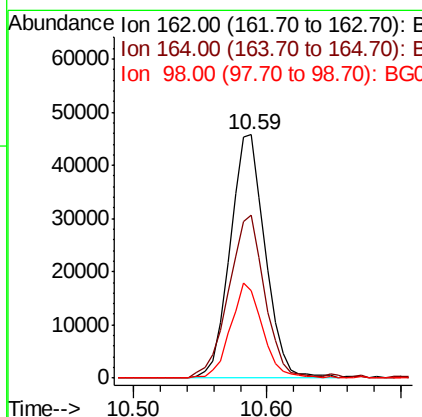
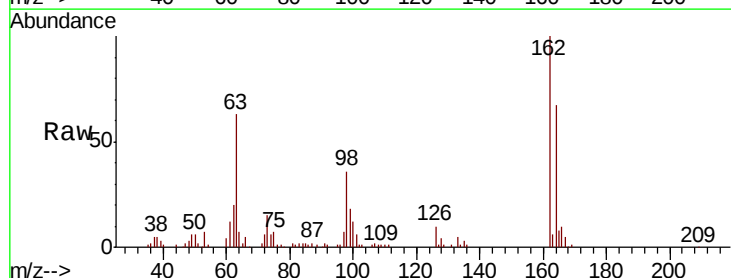
Instrument :
 BNA_G
 ClientSampled :
 DBGJ0

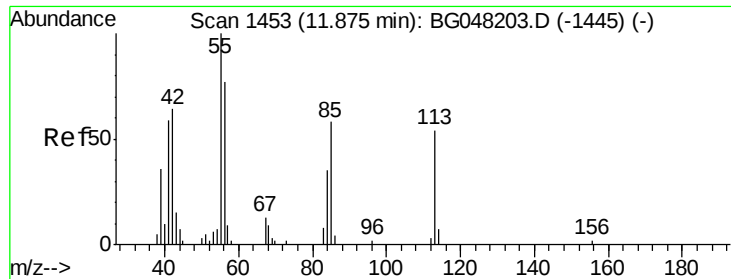
Tot Ion:108 Resp: 59087
 Ion Ratio Lower Upper
 108 100
 107 132.3 95.8 143.8



#27
 2,4-Dichlorophenol
 Concen: 37.780 ng/ul
 RT: 10.59 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BG048205.D
 Acq: 19 Feb 2021 15:45

Tgt Ion:162 Resp: 83627
 Ion Ratio Lower Upper
 162 100
 164 66.9 44.2 66.4#
 98 35.8 25.8 38.8





#32

Caprolactam

Concen: 32.135 ng/ul

RT: 11.85 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

Instrument :

BNA_G

ClientSampleId :

DBGJ0

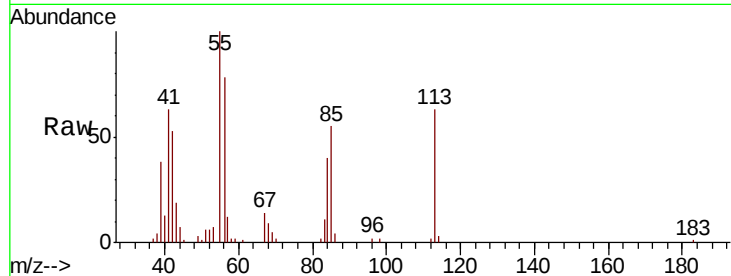
Tot Ion:113 Resp: 24822

Ion Ratio Lower Upper

113 100

55 157.9 149.7 224.5

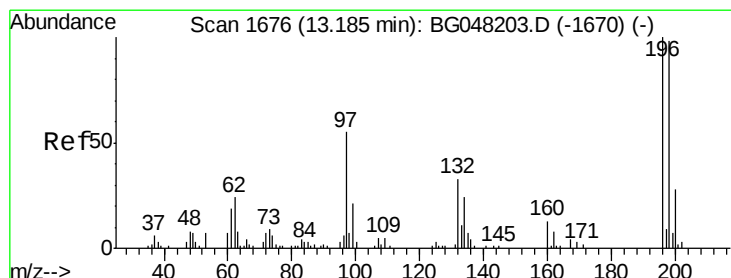
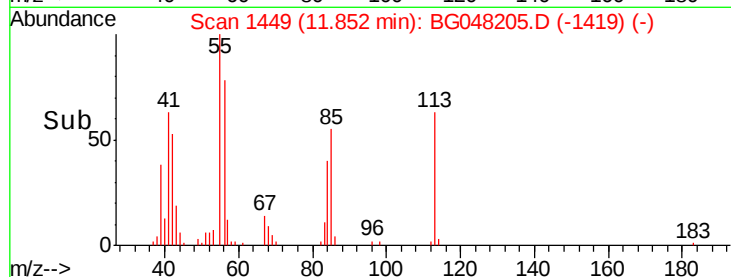
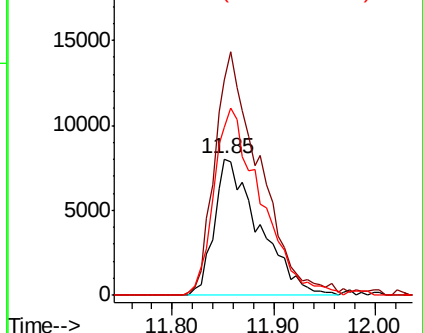
56 123.1 118.6 178.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#39

2,4,6-Trichlorophenol

Concen: 26.758 ng/ul

RT: 13.19 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

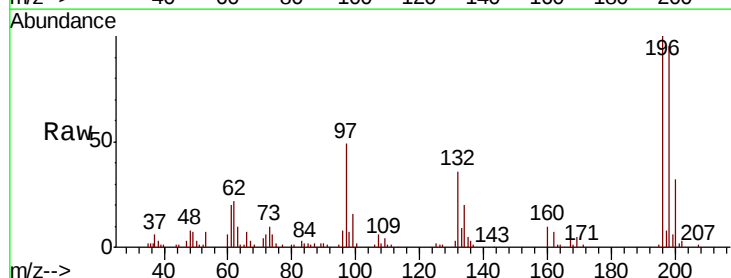
Tgt Ion:196 Resp: 60379

Ion Ratio Lower Upper

196 100

198 94.6 73.8 110.6

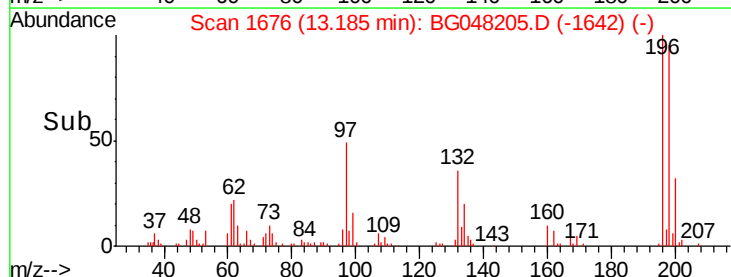
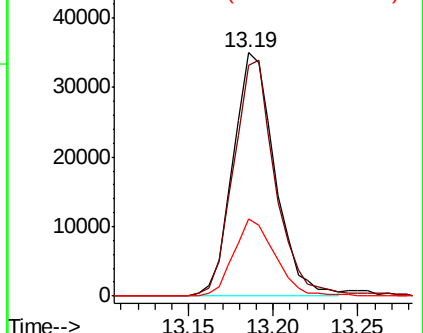
200 31.6 23.1 34.7

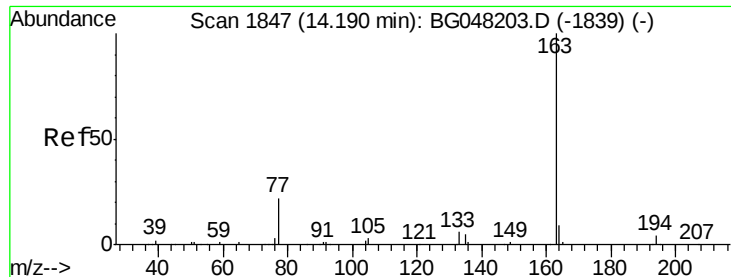


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#45

Dimethylphthalate

Concen: 22.637 ng/ul

RT: 14.19 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

Instrument :

BNA_G

ClientSampleId :

DBGJ0

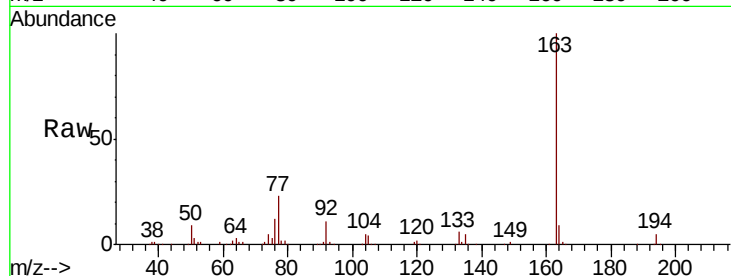
Tot Ion:163 Resp: 176577

Ion Ratio Lower Upper

163 100

194 4.9 3.3 4.9

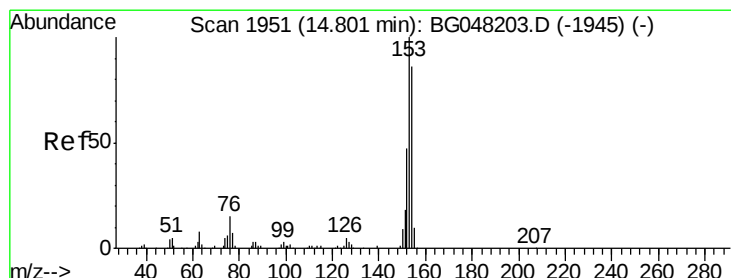
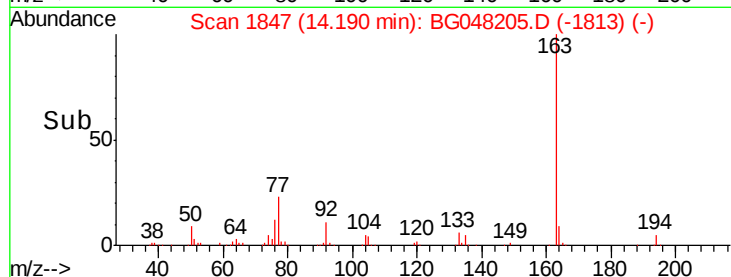
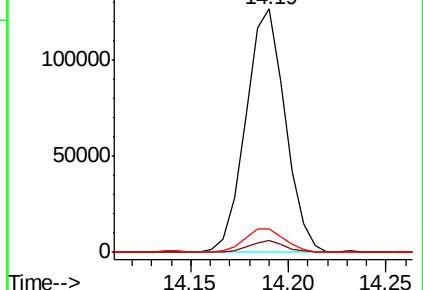
164 9.5 8.3 12.5



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: 10.848 ng/ul

RT: 14.80 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

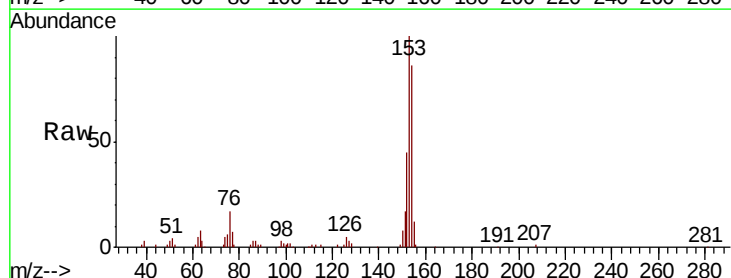
Tgt Ion:153 Resp: 67167

Ion Ratio Lower Upper

153 100

152 45.0 39.0 58.6

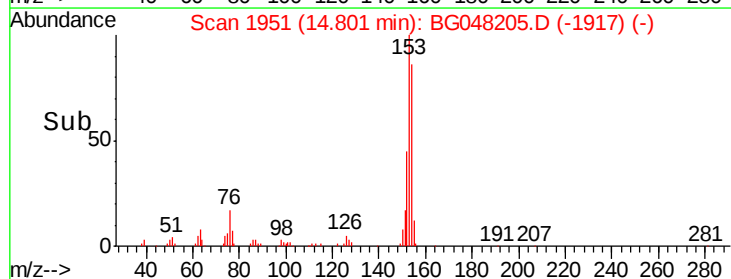
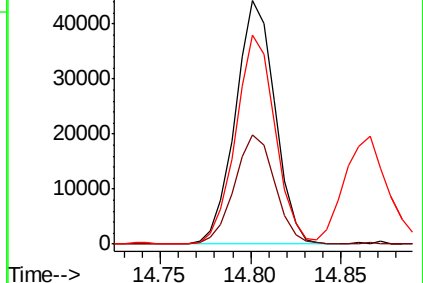
154 86.0 67.0 100.4

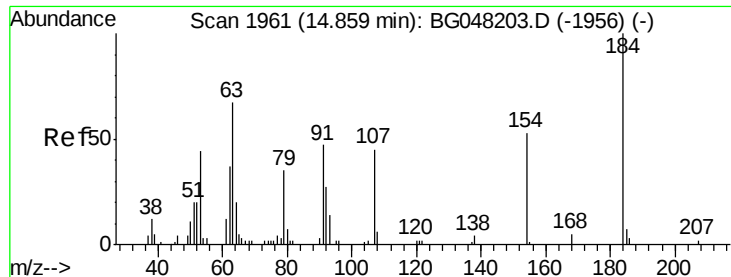


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

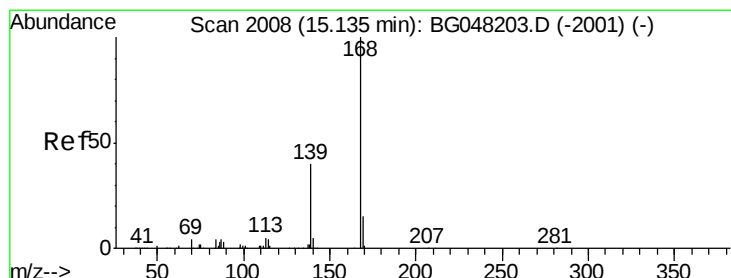
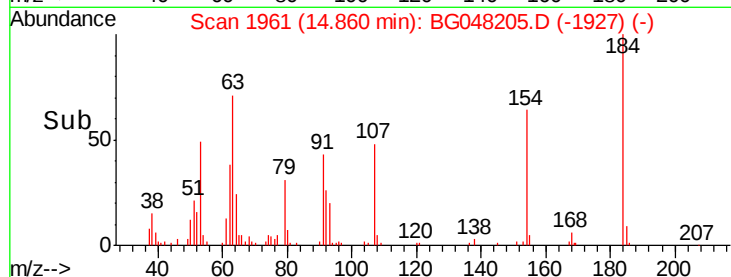
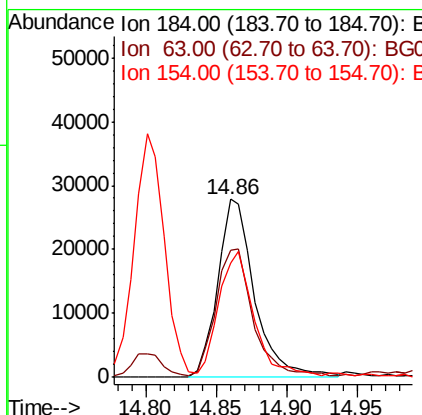
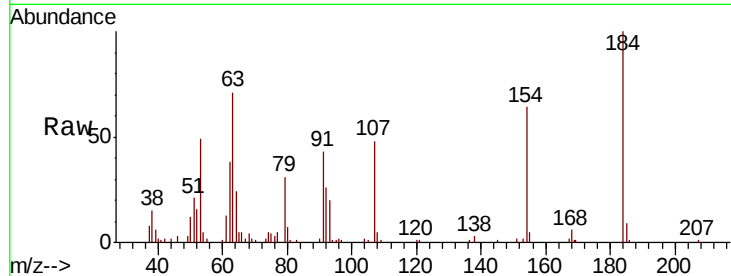




#51
 2,4-Dinitrophenol
 Concen: 49.474 ng/ul
 RT: 14.86 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG048205.D
 Acq: 19 Feb 2021 15:45

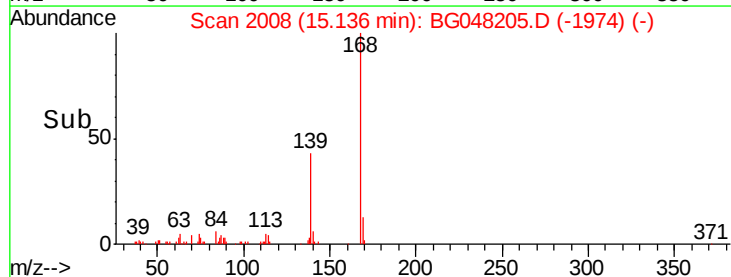
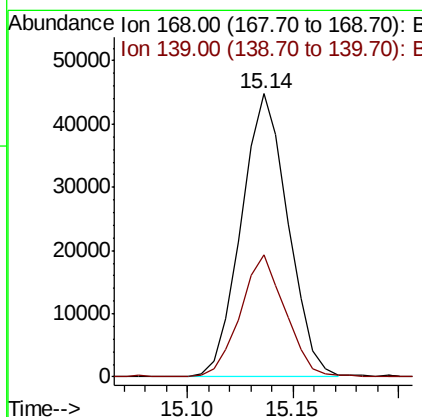
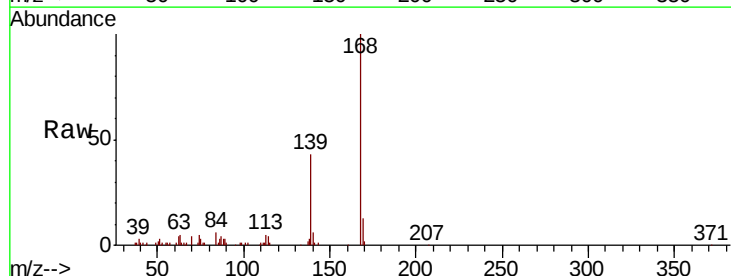
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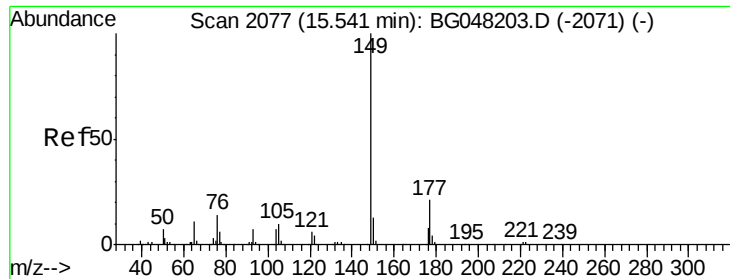
Tot Ion:184 Resp: 50687
 Ion Ratio Lower Upper
 184 100
 63 71.1 56.1 84.1
 154 64.1 59.2 88.8



#54
 Dibenzofuran
 Concen: 7.636 ng/ul
 RT: 15.14 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG048205.D
 Acq: 19 Feb 2021 15:45

Tgt Ion:168 Resp: 68997
 Ion Ratio Lower Upper
 168 100
 139 43.2 30.9 46.3





#57

Diethylphthalate

Concen: 12.490 ng/ul

RT: 15.55 min Scan# 2078

Delta R.T. 0.01 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

Instrument :

BNA_G

ClientSampleId :

DBGJ0

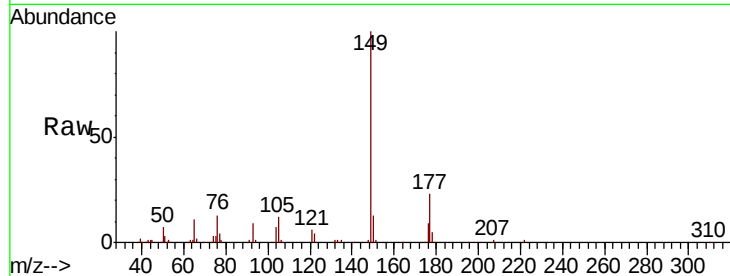
Tot Ion:149 Resp: 100566

Ion Ratio Lower Upper

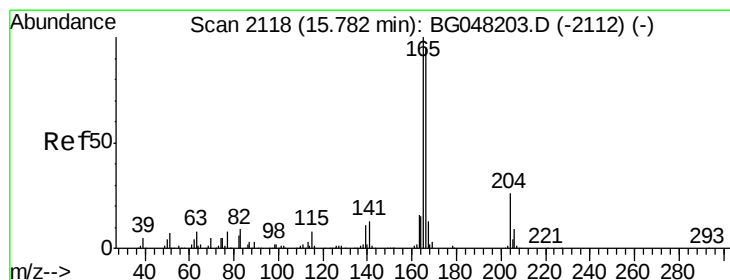
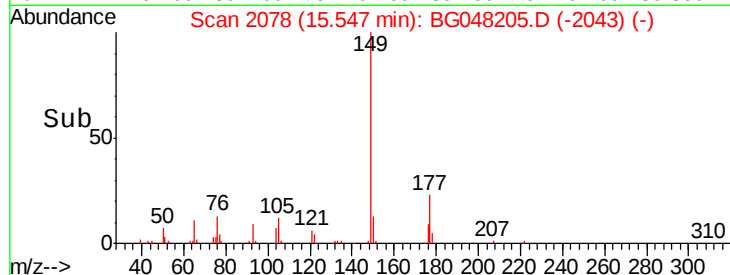
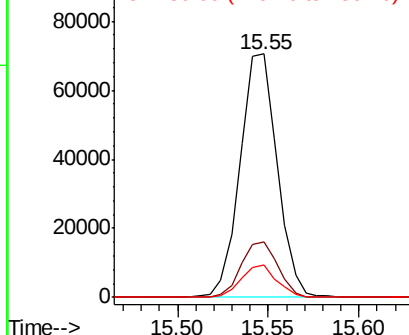
149 100

177 22.9 18.2 27.2

150 13.4 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 15.593 ng/ul

RT: 15.78 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

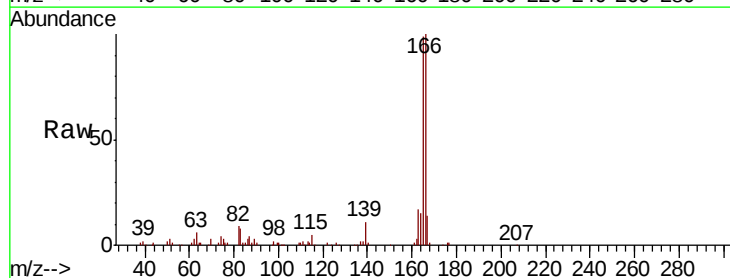
Tgt Ion:166 Resp: 113909

Ion Ratio Lower Upper

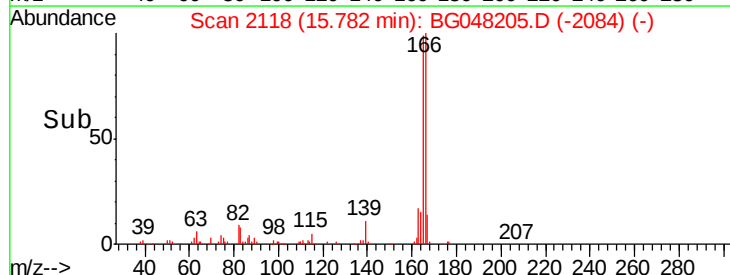
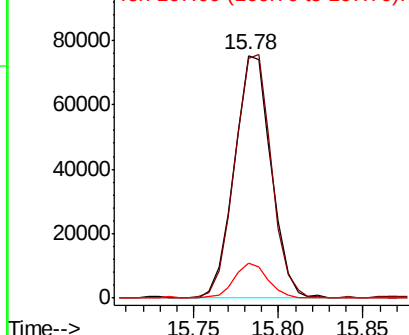
166 100

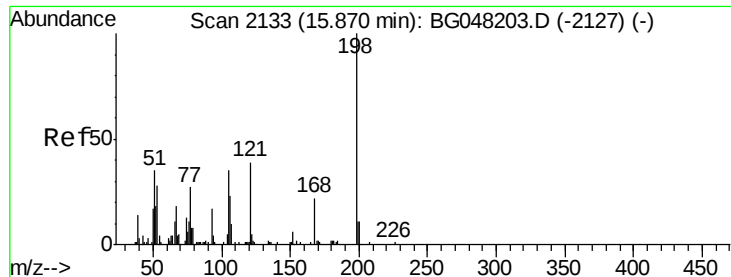
165 99.0 81.4 122.0

167 14.4 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 62.077 ng/ul

RT: 15.87 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

Instrument :

BNA_G

ClientSampleId :

DBGJ0

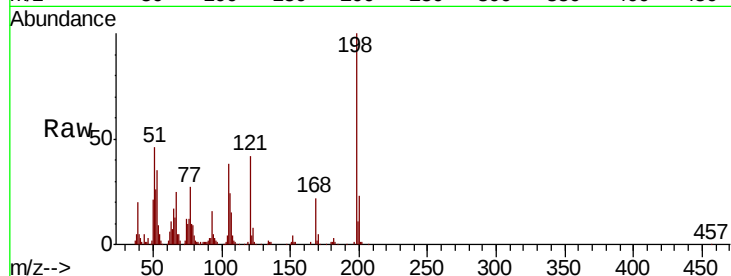
Tot Ion:198 Resp: 103694

Ion Ratio Lower Upper

198 100

182 3.3 2.3 3.5

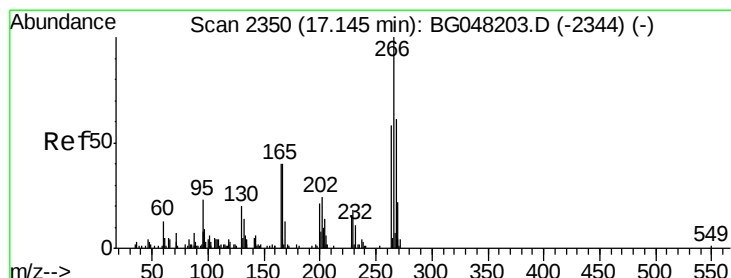
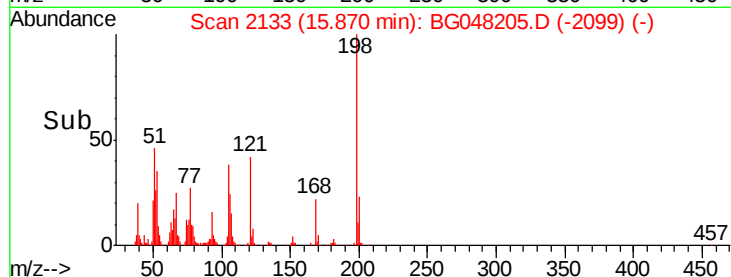
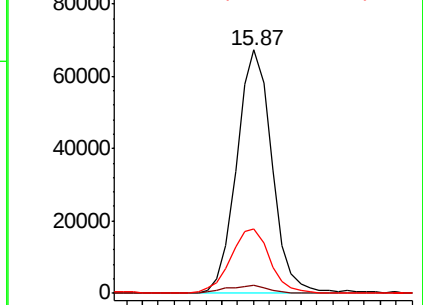
77 26.7 22.7 34.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#69

Pentachlorophenol

Concen: 29.474 ng/ul

RT: 17.15 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

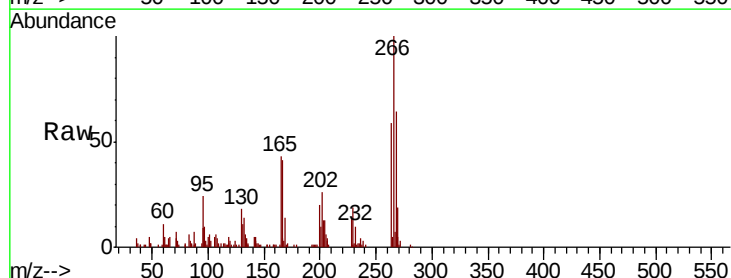
Tgt Ion:266 Resp: 56377

Ion Ratio Lower Upper

266 100

264 59.0 47.0 70.4

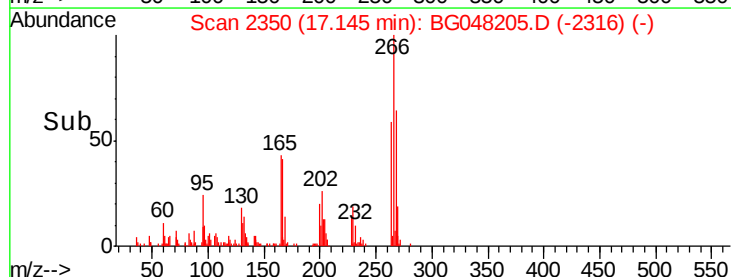
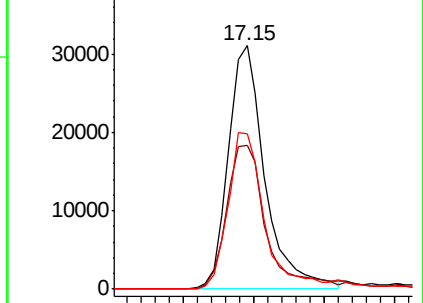
268 63.6 53.9 80.9

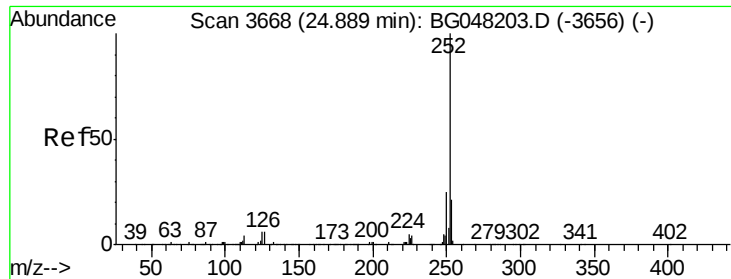


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#91

Benzo(a)pyrene

Concen: 16.554 ng/ul

RT: 24.89 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG048205.D

Acq: 19 Feb 2021 15:45

Instrument :

BNA_G

ClientSampleId :

DBGJ0

Tot Ion:252 Resp: 260810

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

125 5.2 4.5 6.7

