

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047184.D
 Acq On : 31 Oct 2020 11:45
 Operator : CG/JU
 Sample : L4583-03
 Misc : GCMS CONFIRMATION
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 00:52:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	219664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	173000	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	433237	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	460594	20.00	ng/ul	-0.01
86) Perylene-d12	24.92	264	477260	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	6733	5.14	ng/uL	0.00
5) Phenol-d5	7.20	99	26215	5.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	67261	25.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	77085	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	50724	13.85	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	46290	25.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	53613	24.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	97748	23.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	6597	1.84	ng/ul	-0.02
44) Dimethylphthalate-d6	14.08	166	439004	30.86	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	491565	29.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	15118	6.75	ng/ul	0.00
58) Fluorene-d10	15.68	176	404319	30.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	205812	68.88	ng/ul	0.00
71) Anthracene-d10	17.53	188	689264	32.83	ng/ul	0.00
79) Pyrene-d10	19.81	212	838881	31.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	857408	32.68	ng/ul	-0.03

Target Compounds

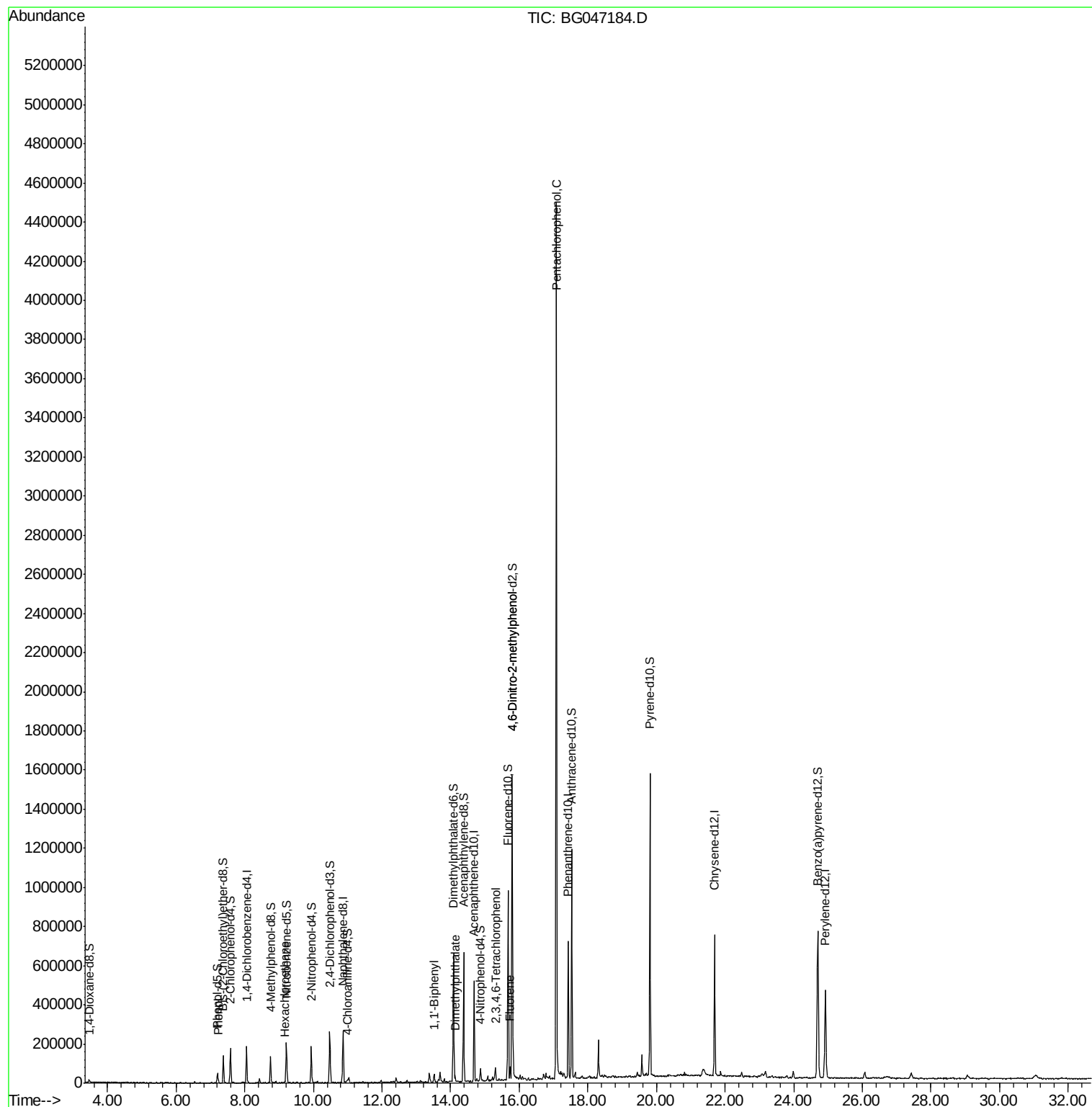
					Ovalue	
6) Phenol	7.23	94	5612	1.253	ng/ul#	88
17) Hexachloroethane	9.17	117	3133	1.916	ng/ul#	1
41) 1,1'-Biphenyl	13.52	154	20628	1.511	ng/ul#	95
45) Dimethylphthalate	14.13	163	22453	1.573	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.31	232	13324	3.014	ng/ul#	90
59) Fluorene	15.73	166	30010	2.206	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.79	198	354971	115.244	ng/ul#	63
69) Pentachlorophenol	17.09	266	880787	253.919	ng/ul	92

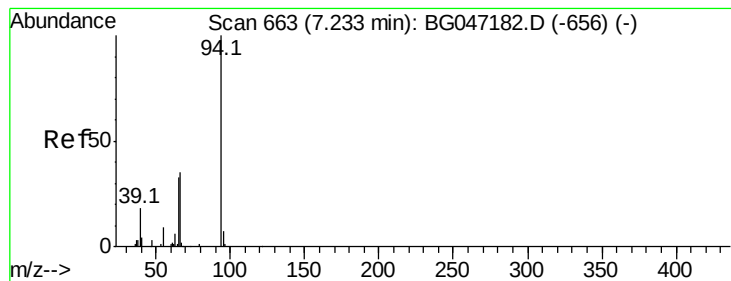
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.253 ng/ul

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

Instrument :

BNA_G

ClientSampleId :

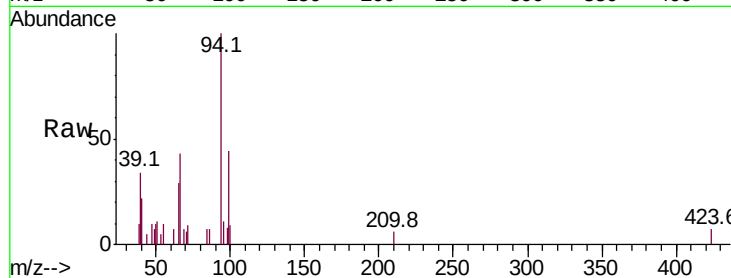
Tot Ion: 94 Resp: 5612

Ion Ratio Lower Upper

94 100

65 28.8 30.6 46.0#

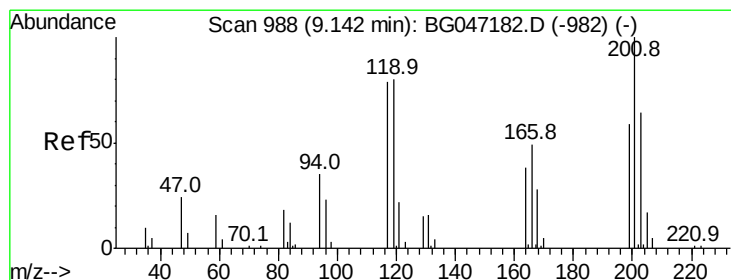
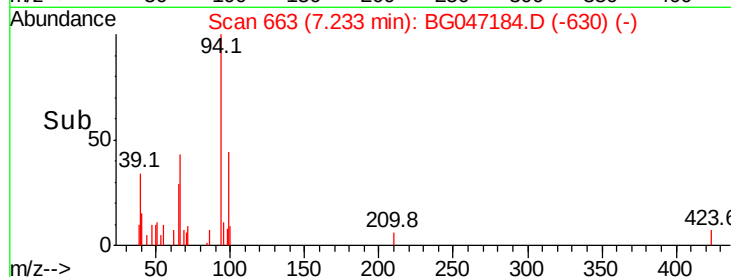
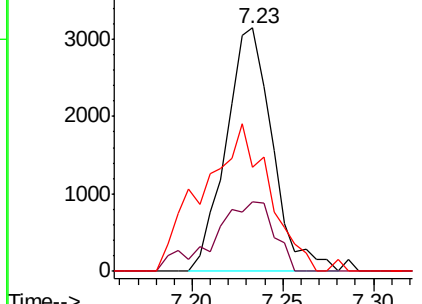
66 42.5 38.5 57.7



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



#17

Hexachloroethane

Concen: 1.916 ng/ul

RT: 9.17 min Scan# 992

Delta R.T. 0.02 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

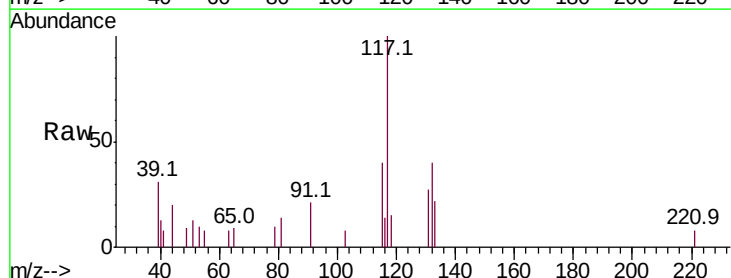
Tgt Ion: 117 Resp: 3133

Ion Ratio Lower Upper

117 100

201 0.0 105.5 158.3#

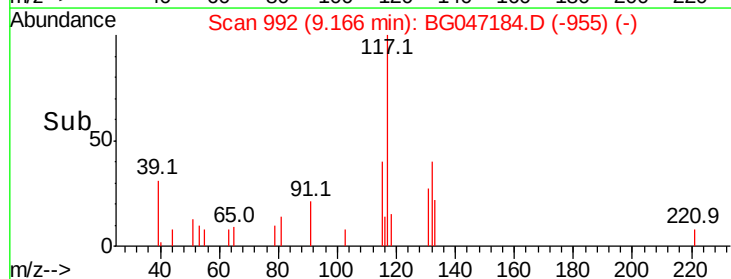
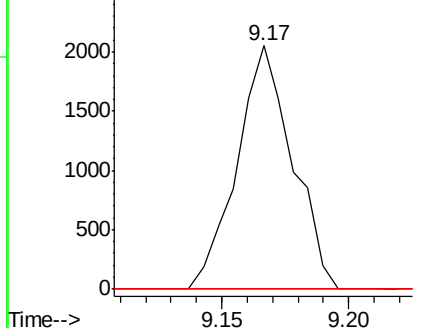
199 0.0 65.4 98.0#

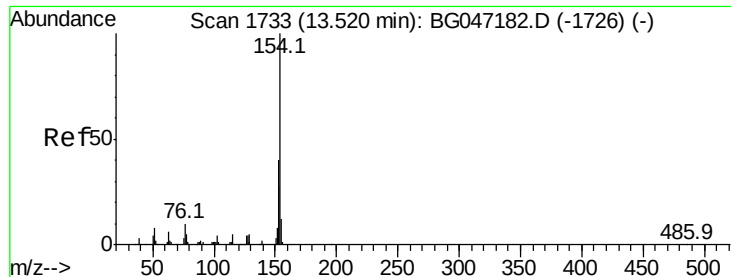


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#41

1,1'-Biphenyl

Concen: 1.511 ng/ul

RT: 13.52 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

Instrument :

BNA_G

ClientSampleId :

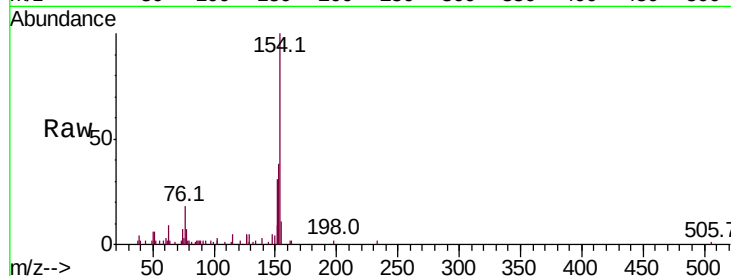
Tot Ion:154 Resp: 20628

Ion Ratio Lower Upper

154 100

153 37.6 30.6 45.8

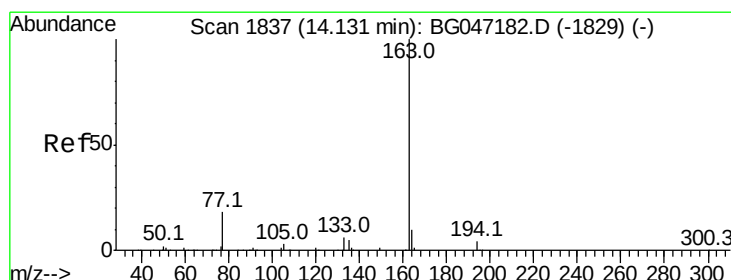
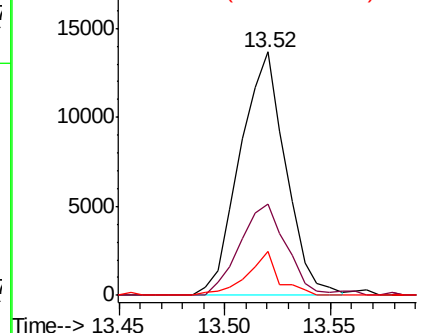
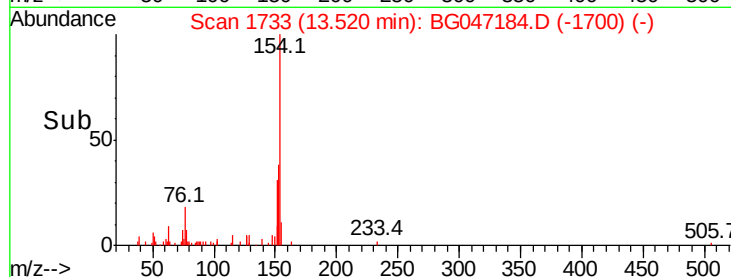
76 18.0 8.2 12.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#45

Dimethylphthalate

Concen: 1.573 ng/ul

RT: 14.13 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

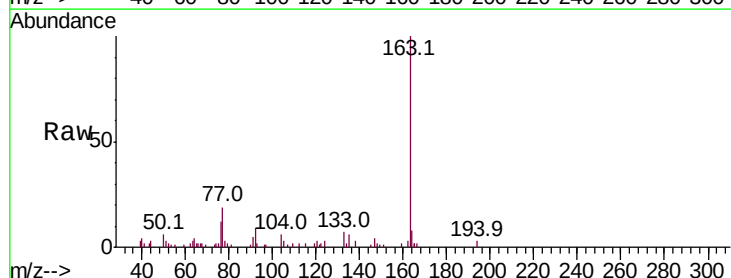
Tgt Ion:163 Resp: 22453

Ion Ratio Lower Upper

163 100

194 3.0 3.7 5.5#

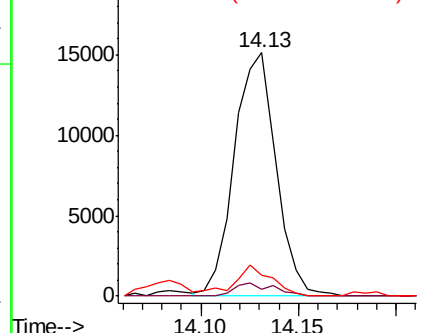
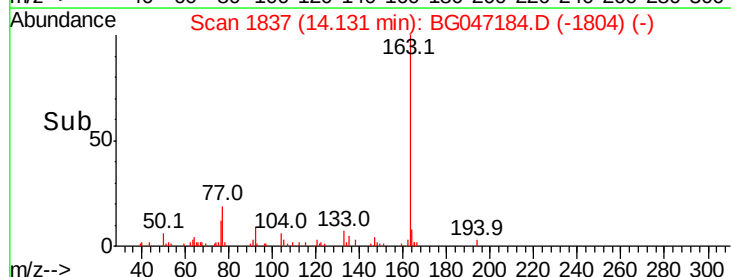
164 8.5 7.9 11.9

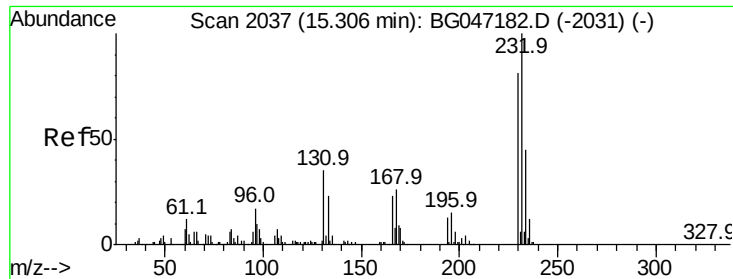


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.014 ng/ul

RT: 15.31 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG047184.D

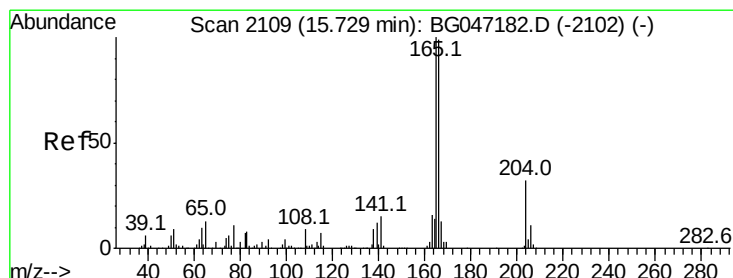
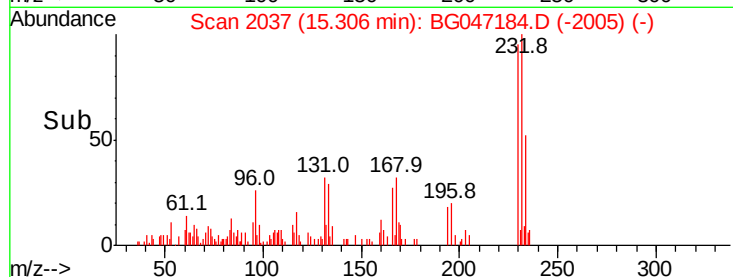
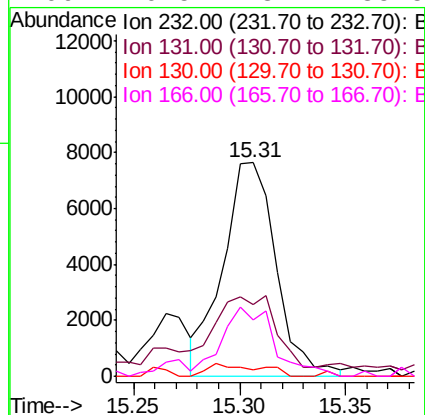
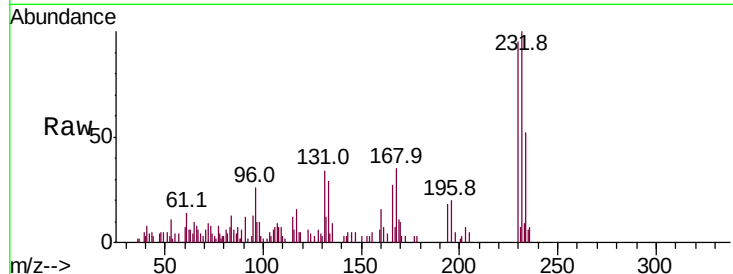
Acq: 31 Oct 2020 11:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	232	Resp:	13324
Ion	Ratio	Lower	Upper
232	100		
131	33.8	33.8	50.6
130	3.3	1.9	2.9#
166	26.5	23.7	35.5



#59

Fluorene

Concen: 2.206 ng/ul

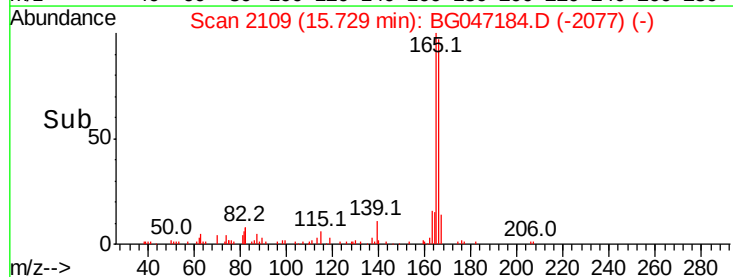
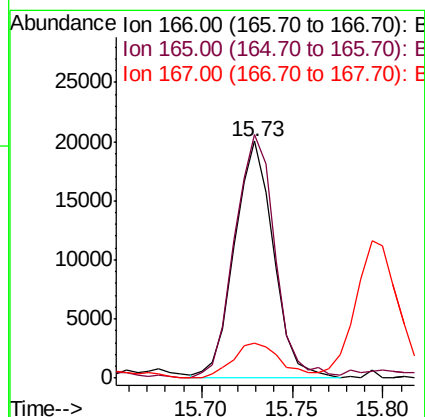
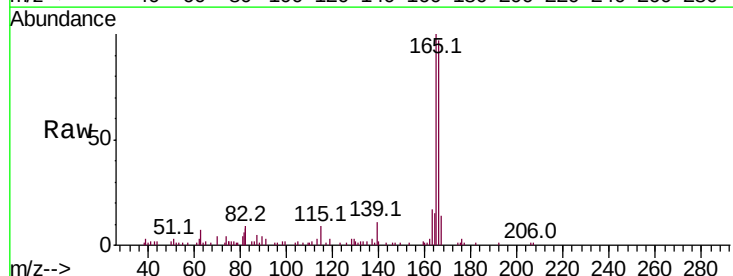
RT: 15.73 min Scan# 2109

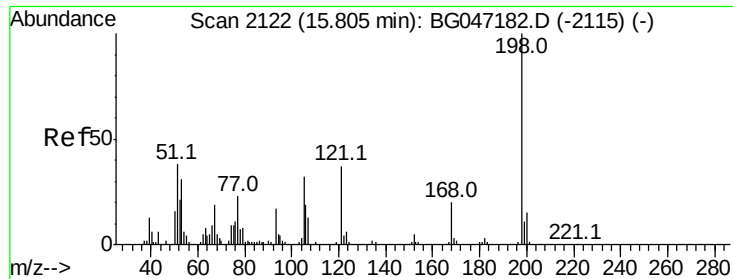
Delta R.T. -0.01 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

Tgt Ion:	166	Resp:	30010
Ion	Ratio	Lower	Upper
166	100		
165	102.8	72.6	108.8
167	14.6	10.7	16.1





#64

4,6-Dinitro-2-methylphenol

Concen: 115.244 ng/ul

RT: 15.79 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

Instrument :

BNA_G

ClientSampled :

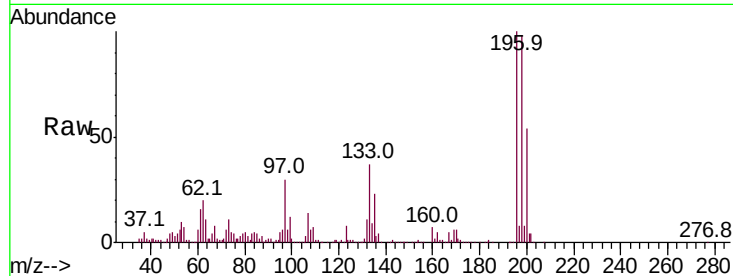
Tot Ion:198 Resp: 354971

Ion Ratio Lower Upper

198 100

182 0.5 2.4 3.6#

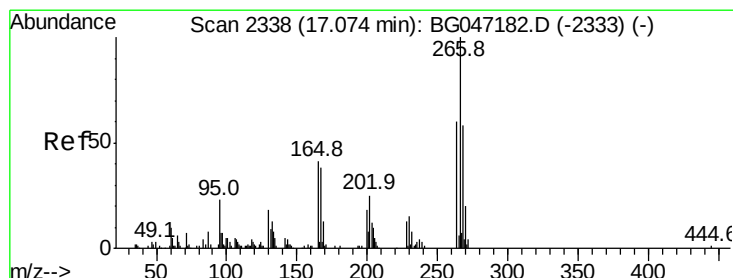
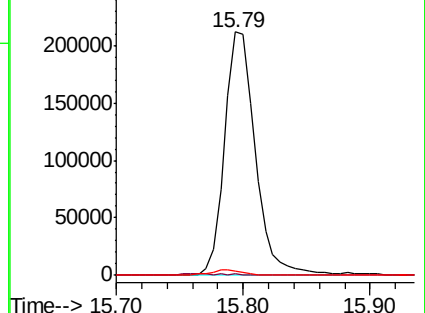
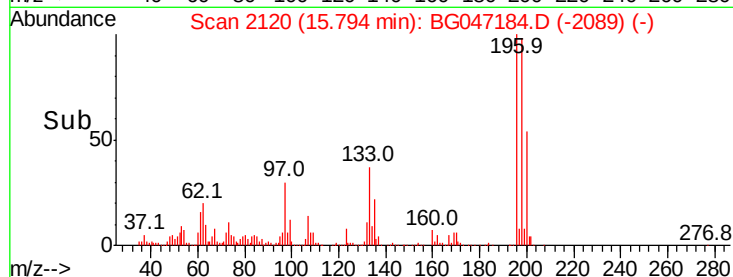
77 1.7 16.6 24.8#



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: 253.919 ng/ul

RT: 17.09 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG047184.D

Acq: 31 Oct 2020 11:45

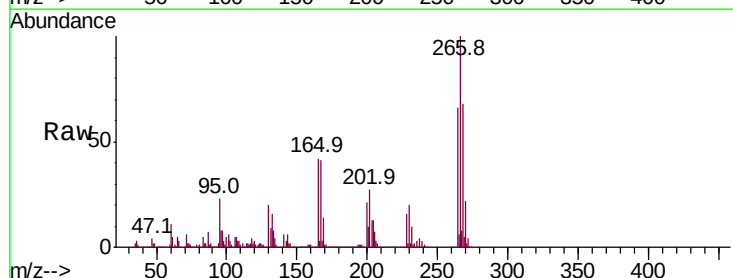
Tgt Ion:266 Resp: 880787

Ion Ratio Lower Upper

266 100

264 66.3 48.2 72.4

268 68.1 49.1 73.7



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

