

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047831.D
 Acq On : 24 Dec 2020 15:20
 Operator : CG/JU
 Sample : L5112-22MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54T5MSD

Quant Time: Dec 24 16:07:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 13:42:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	28125	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	107673	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	82766	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	202166	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	203502	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	197380	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2156	4.08	ng/uL	0.00
5) Phenol-d5	7.33	99	54337	22.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	29875	24.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	41592	22.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	38191	19.99	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	20332	23.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	24774	23.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	49376	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	54928	26.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	159285	22.16	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	202091	24.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	18623	17.47	ng/ul	0.00
58) Fluorene-d10	15.81	176	145836	22.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	20656	15.09	ng/ul	0.00
71) Anthracene-d10	17.66	188	243943	24.19	ng/ul	0.00
79) Pyrene-d10	19.93	212	283847	23.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	280094	24.30	ng/ul	0.00

Target Compounds

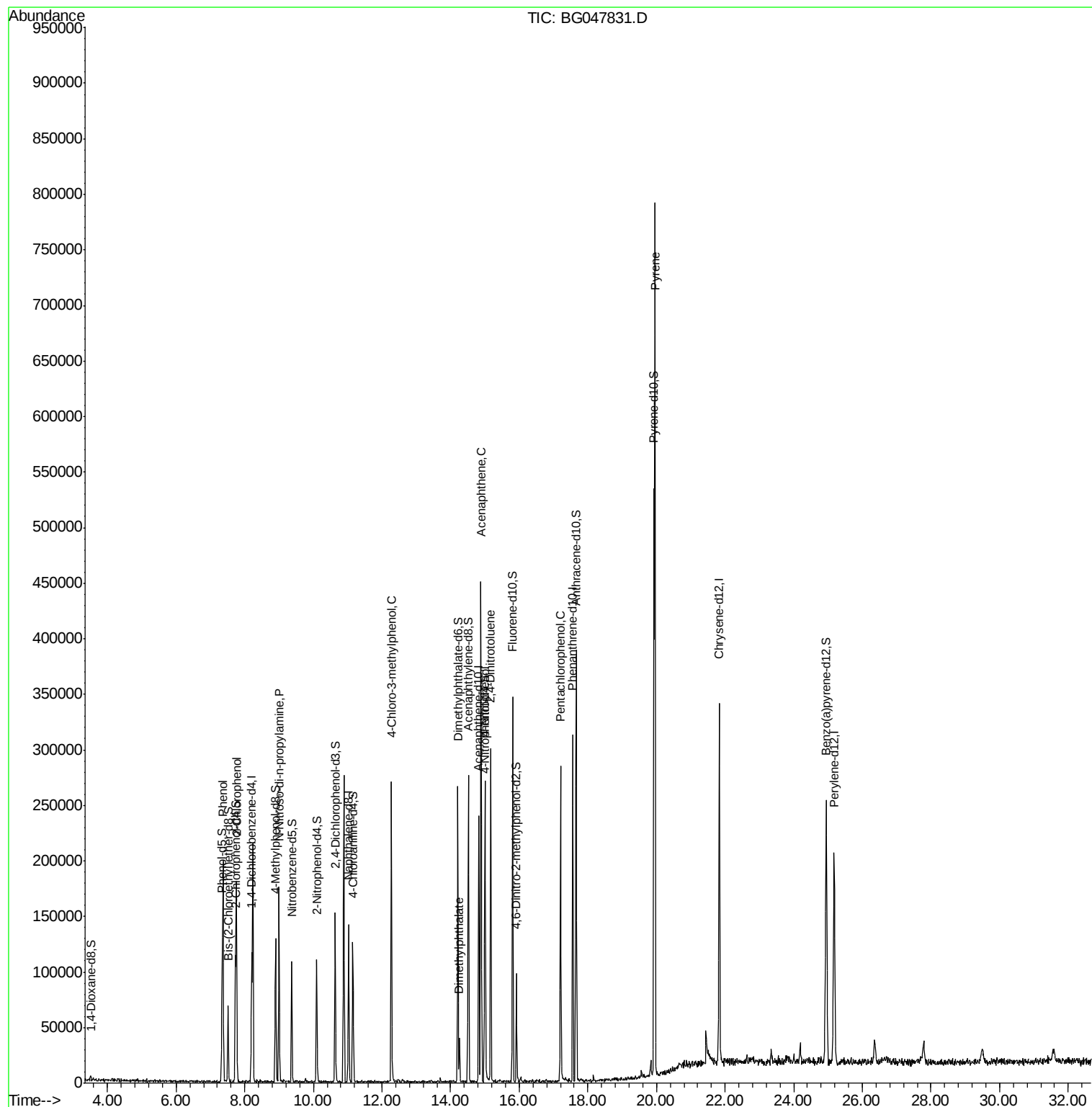
					Ovalue	
6) Phenol	7.36	94	84601	37.202	ng/ul	95
10) 2-Chlorophenol	7.76	128	62874	34.984	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.00	70	61361	36.837	ng/ul#	92
33) 4-Chloro-3-methylphenol	12.28	107	80929	34.207	ng/ul	98
45) Dimethylphthalate	14.26	163	23129	3.176	ng/ul#	95
50) Acenaphthene	14.88	153	187326	34.796	ng/ul	98
53) 4-Nitrophenol	15.01	109	57935	33.015	ng/ul	91
55) 2,4-Dinitrotoluene	15.17	165	74235	33.771	ng/ul#	94
69) Pentachlorophenol	17.21	266	52149	42.419	ng/ul#	87
80) Pyrene	19.96	202	508345	34.346	ng/ul	99

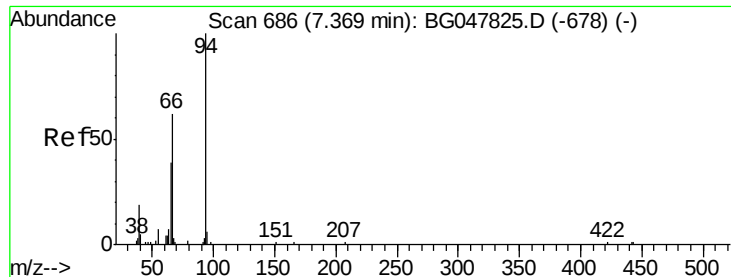
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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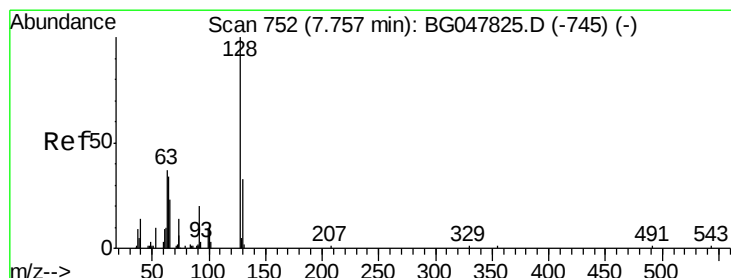
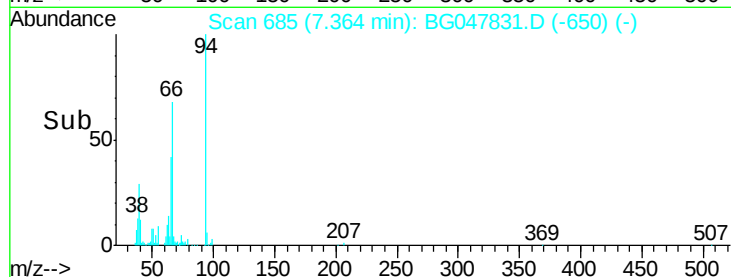
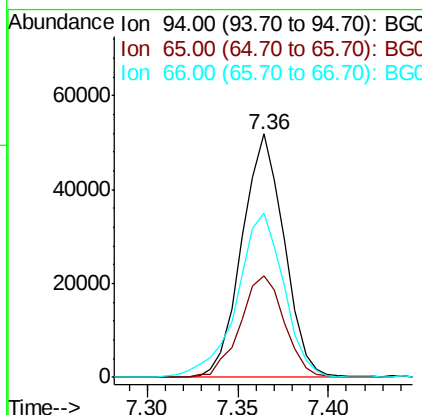
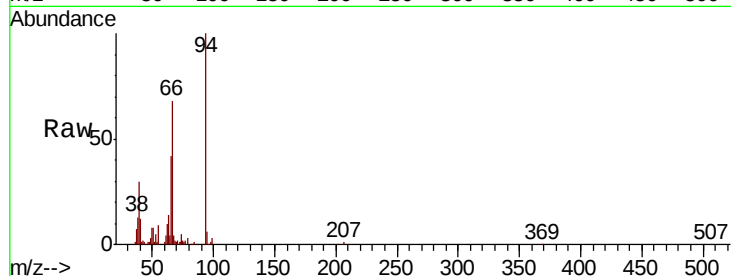
#6

Phenol

Concen: 37.202 ng/ul
 RT: 7.36 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BG047831.D
 Acq: 24 Dec 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 A54T5MSD

Tot Ion: 94 Resp: 84601
 Ion Ratio Lower Upper
 94 100
 65 41.9 35.4 53.0
 66 67.6 58.3 87.5

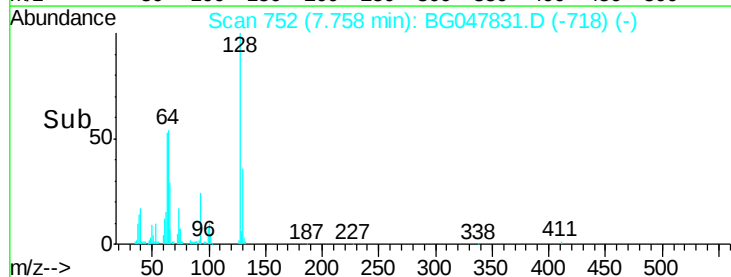
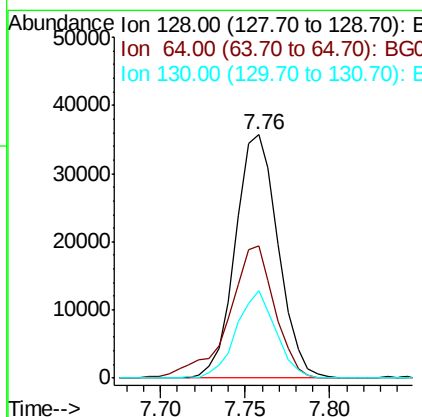
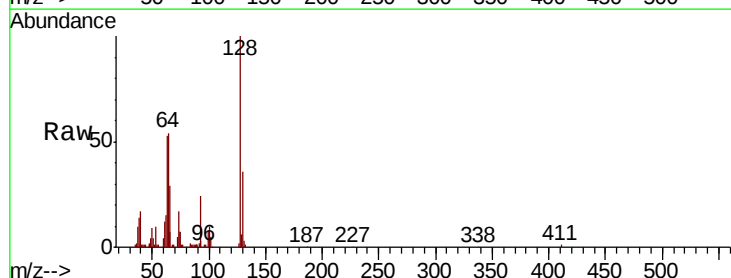


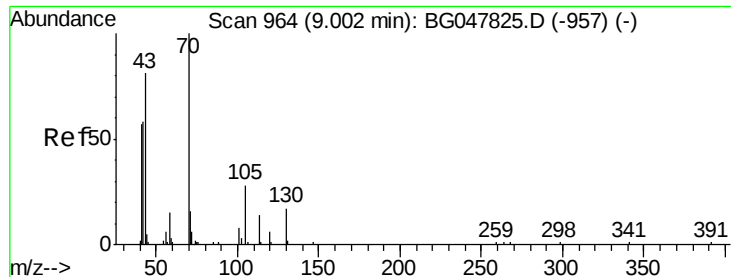
#10

2-Chlorophenol

Concen: 34.984 ng/ul
 RT: 7.76 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BG047831.D
 Acq: 24 Dec 2020 15:20

Tgt Ion: 128 Resp: 62874
 Ion Ratio Lower Upper
 128 100
 64 54.2 36.3 54.5
 130 36.0 19.9 29.9#





#15

N-Nitroso-di-n-propylamine

Concen: 36.837 ng/ul

RT: 9.00 min Scan# 964

Delta R.T. 0.01 min

Lab File: BG047831.D

Acq: 24 Dec 2020 15:20

Instrument :

BNA_G

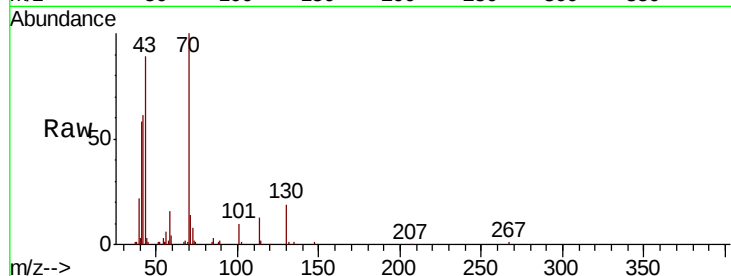
ClientSampleId :

A54T5MSD

Tot Ion: 70 Resp: 61361

Ion Ratio Lower Upper

70	100		
42	60.7	43.0	64.6
101	10.0	5.0	7.4#
130	19.3	15.8	23.8



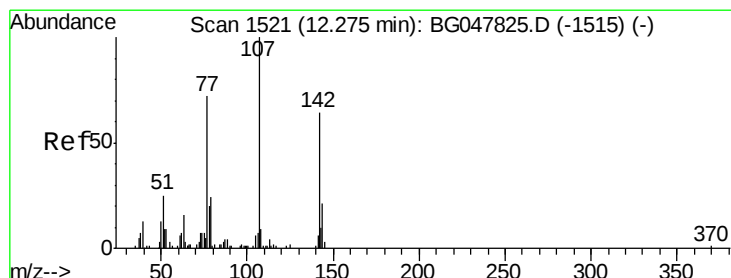
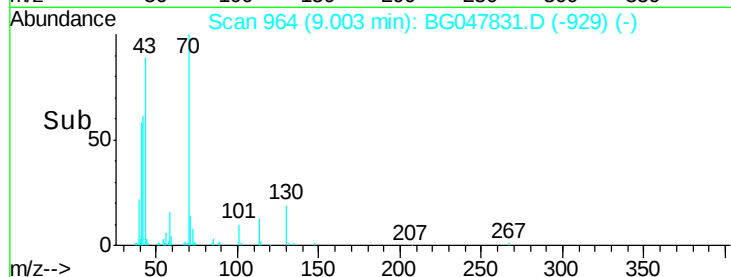
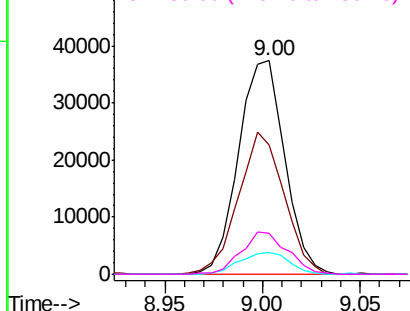
Abundance

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: 34.207 ng/ul

RT: 12.28 min Scan# 1521

Delta R.T. 0.00 min

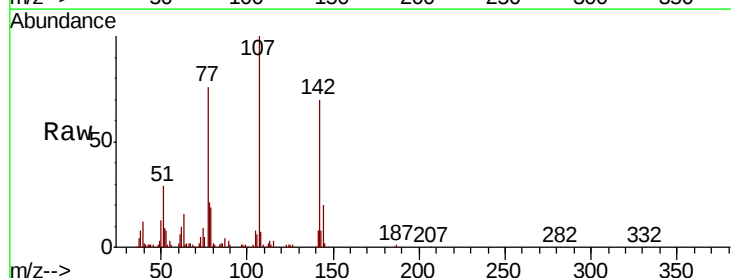
Lab File: BG047831.D

Acq: 24 Dec 2020 15:20

Tgt Ion: 107 Resp: 80929

Ion Ratio Lower Upper

107	100		
144	20.5	16.1	24.1
142	69.8	57.4	86.2

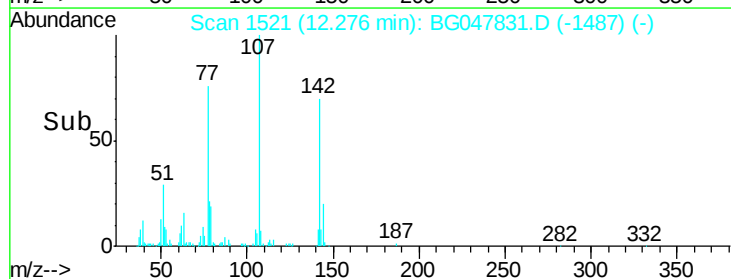
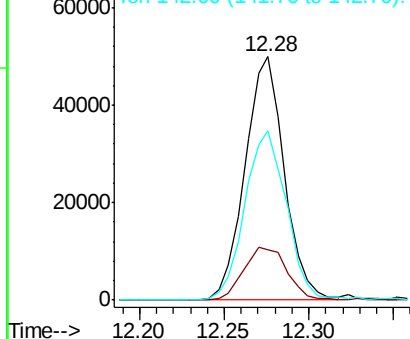


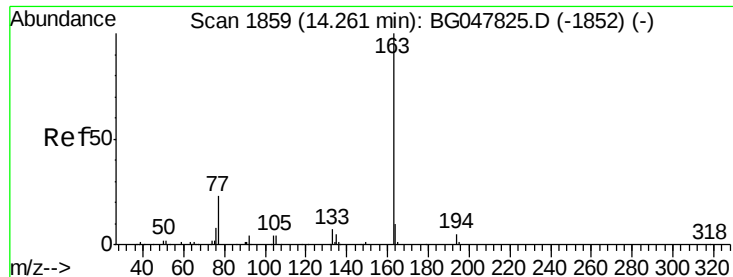
Abundance

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: 3.176 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG047831.D

Acq: 24 Dec 2020 15:20

Instrument :

BNA_G

ClientSampleId :

A54T5MSD

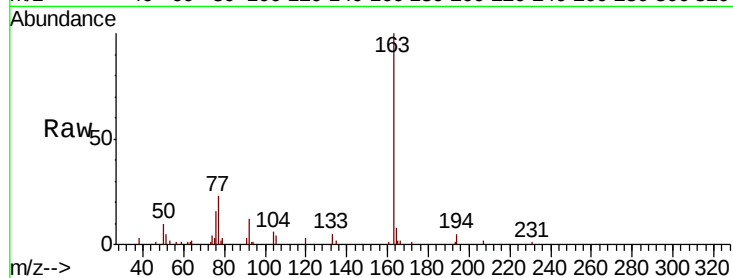
Tot Ion:163 Resp: 23129

Ion Ratio Lower Upper

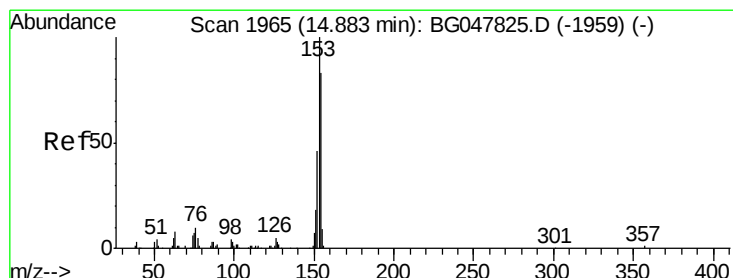
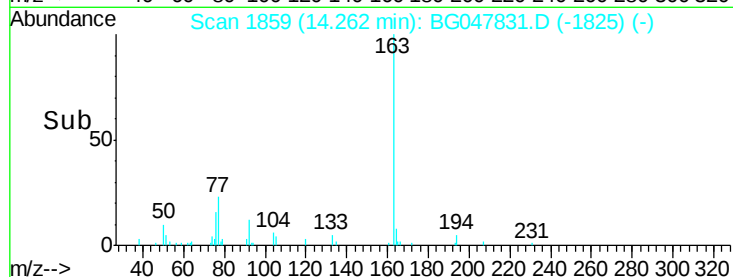
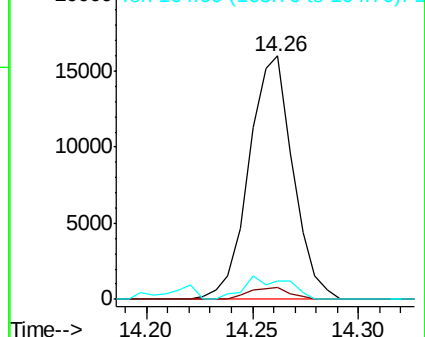
163 100

194 4.6 3.8 5.6

164 7.5 8.1 12.1#



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: 34.796 ng/ul

RT: 14.88 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG047831.D

Acq: 24 Dec 2020 15:20

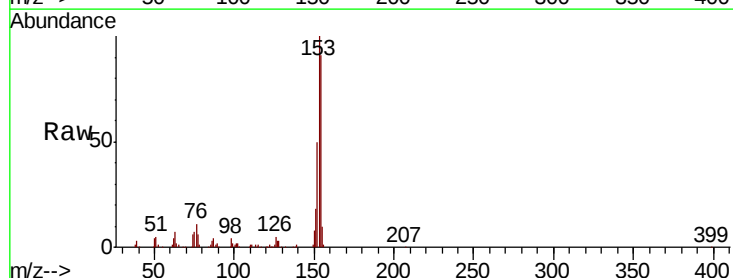
Tgt Ion:153 Resp: 187326

Ion Ratio Lower Upper

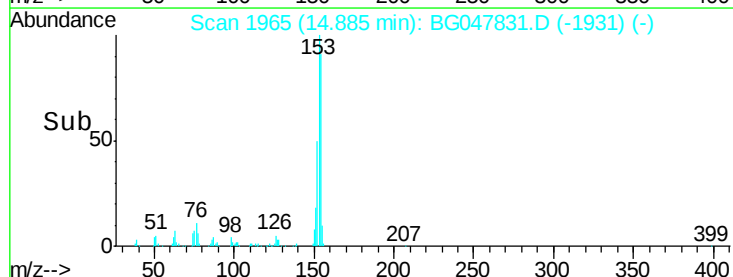
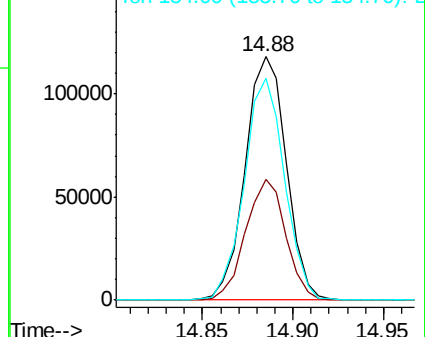
153 100

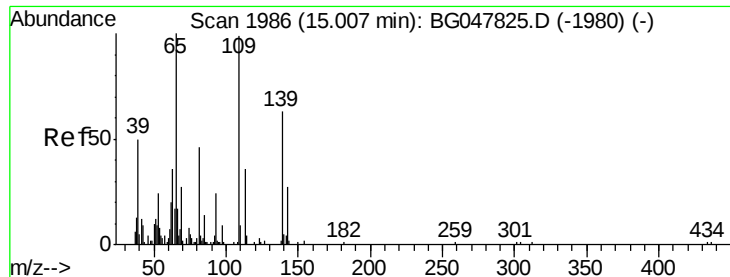
152 49.7 38.2 57.4

154 91.0 73.8 110.6



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: 33.015 ng/ul

RT: 15.01 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG047831.D

Acq: 24 Dec 2020 15:20

Instrument :

BNA_G

ClientSampleId :

A54T5MSD

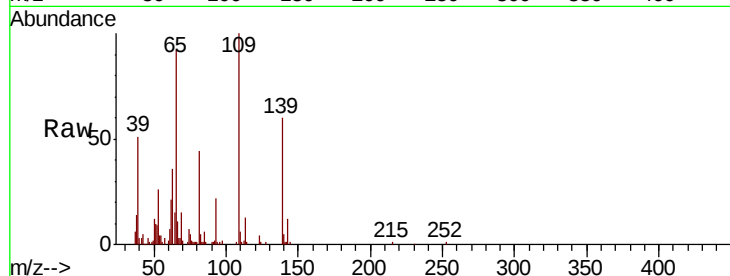
Tot Ion:109 Resp: 57935

Ion Ratio Lower Upper

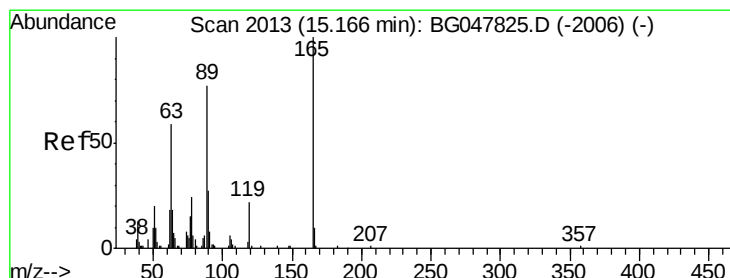
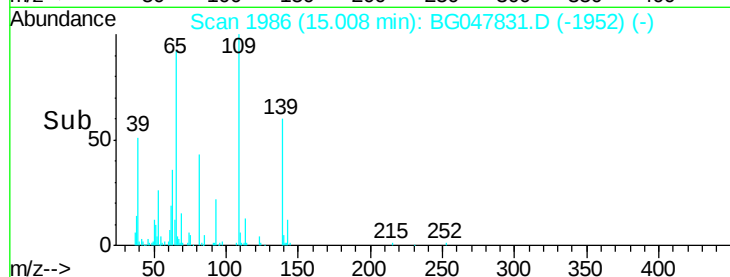
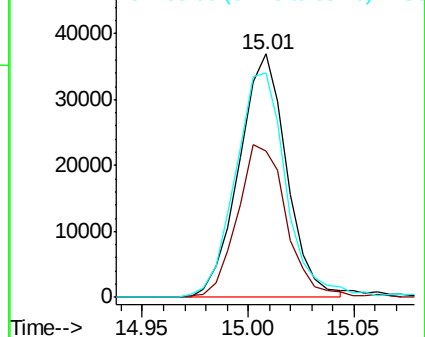
109 100

139 60.3 48.6 73.0

65 92.3 63.0 94.6



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: 33.771 ng/ul

RT: 15.17 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BG047831.D

Acq: 24 Dec 2020 15:20

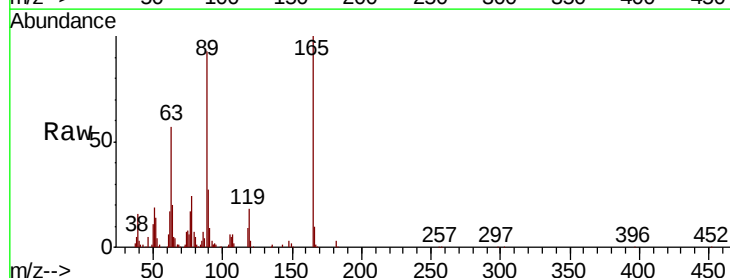
Tgt Ion:165 Resp: 74235

Ion Ratio Lower Upper

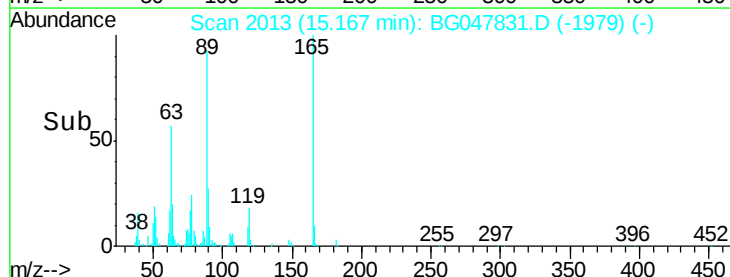
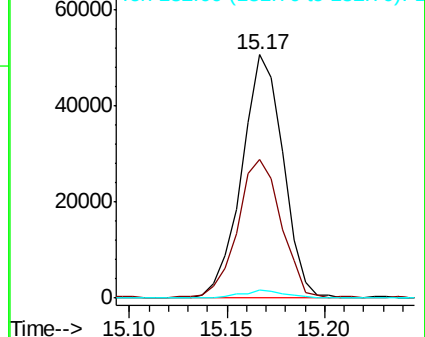
165 100

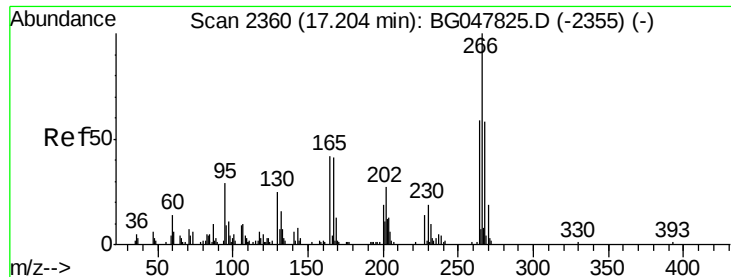
63 57.0 49.5 74.3

182 3.2 2.0 3.0#



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

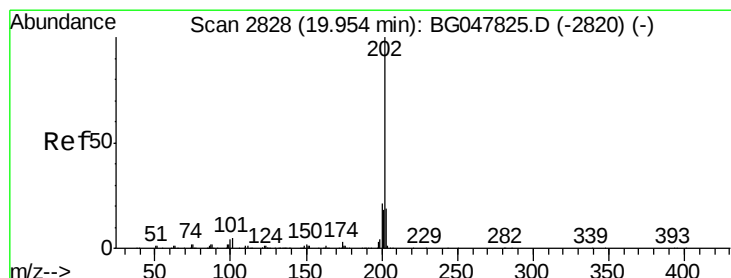
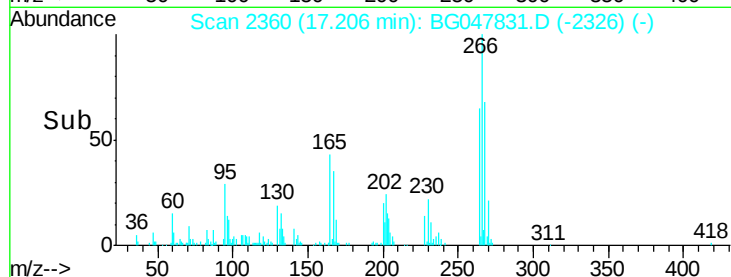
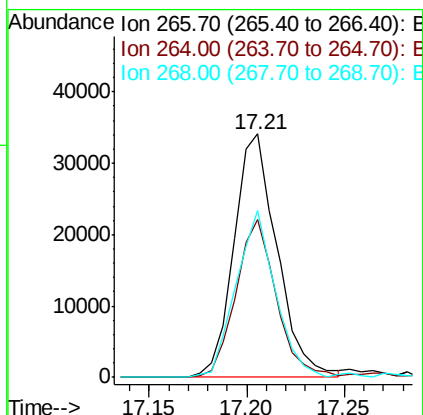
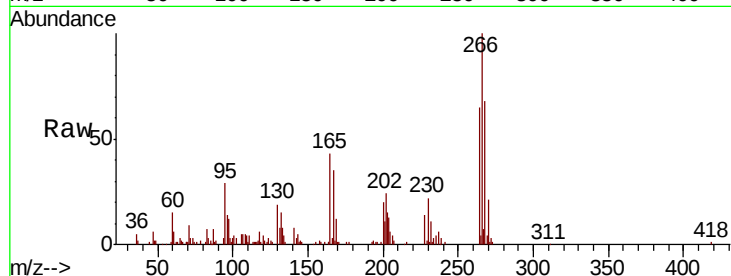




#69
 Pentachlorophenol
 Concen: 42.419 ng/ul
 RT: 17.21 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG047831.D
 Acq: 24 Dec 2020 15:20

Instrument :
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Tot Ion:266 Resp: 52149
 Ion Ratio Lower Upper
 266 100
 264 64.8 47.8 71.6
 268 68.4 43.1 64.7#



#80
 Pyrene
 Concen: 34.346 ng/ul
 RT: 19.96 min Scan# 2828
 Delta R.T. 0.00 min
 Lab File: BG047831.D
 Acq: 24 Dec 2020 15:20

Tgt Ion:202 Resp: 508345
 Ion Ratio Lower Upper
 202 100
 101 4.4 3.7 5.5
 100 3.8 2.7 4.1

