

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047030.D
 Acq On : 22 Oct 2020 13:44
 Operator : CG/JU
 Sample : L4483-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0FG8

Quant Time: Oct 22 14:21:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 05:48:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	200589	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	146354	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	346773	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	384896	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	398605	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	5792	4.47	ng/uL	0.00
5) Phenol-d5	7.21	99	28370	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	74850	28.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	80613	22.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	50709	14.01	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	52146	31.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	58141	29.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	100559	26.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	12260	3.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	385675	32.05	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	453949	31.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	9137	4.82	ng/ul	0.00
58) Fluorene-d10	15.68	176	347337	31.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	82832	34.63	ng/ul	0.00
71) Anthracene-d10	17.53	188	575251	34.23	ng/ul	0.00
79) Pyrene-d10	19.81	212	735195	33.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	753098	34.37	ng/ul	0.00

Target Compounds

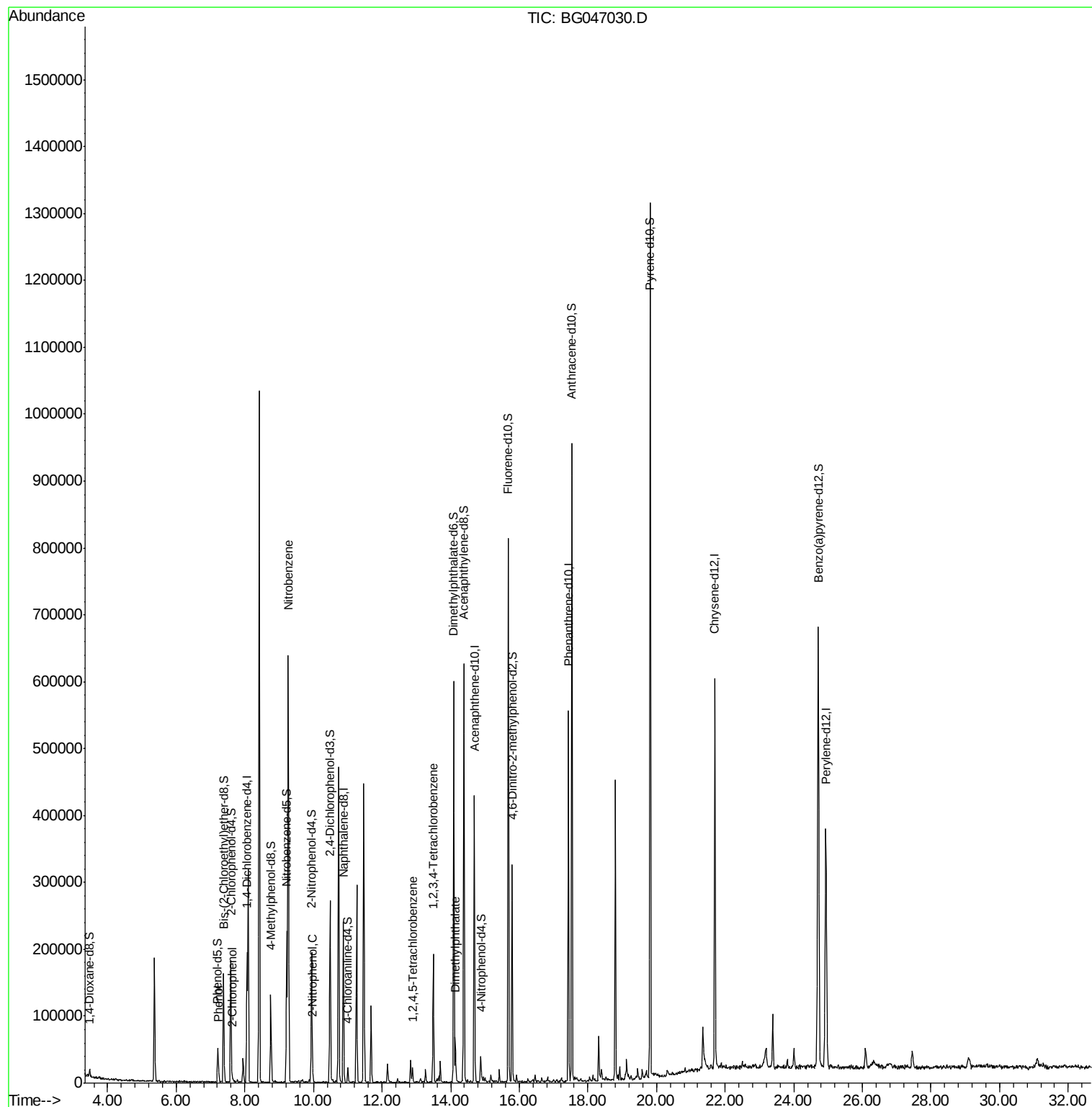
				Ovalue	
6) Phenol	7.24	94	8383	1.894	ng/ul# 84
10) 2-Chlorophenol	7.63	128	3639	1.039	ng/ul 96
20) Nitrobenzene	9.27	77	351974	77.531	ng/ul 97
23) 2-Nitrophenol	9.98	139	3743	1.858	ng/ul 95
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	7353	1.290	ng/ul# 77
45) Dimethylphthalate	14.14	163	36088	2.988	ng/ul# 95
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	57014	9.787	ng/uL 94

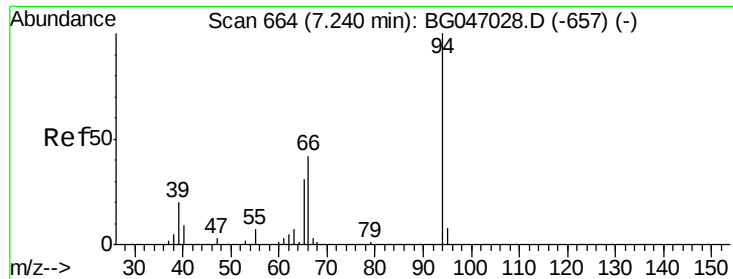
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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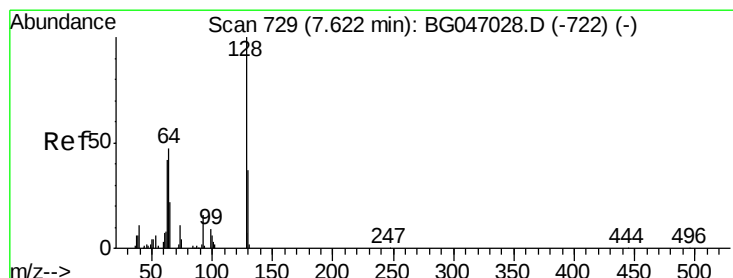
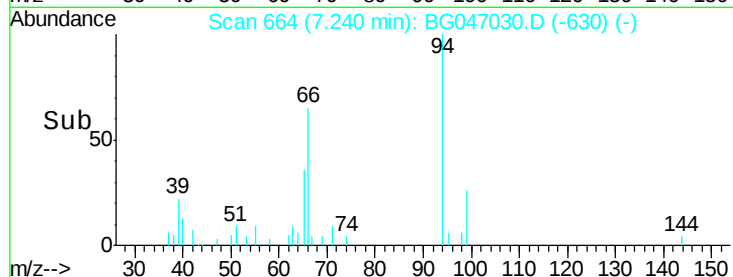
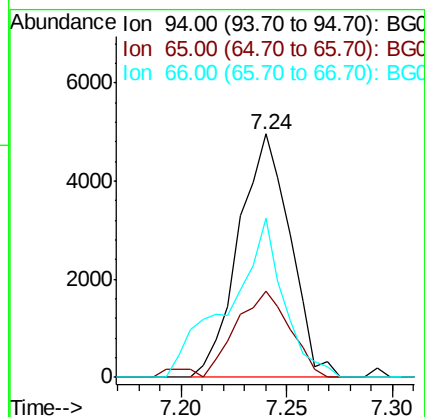
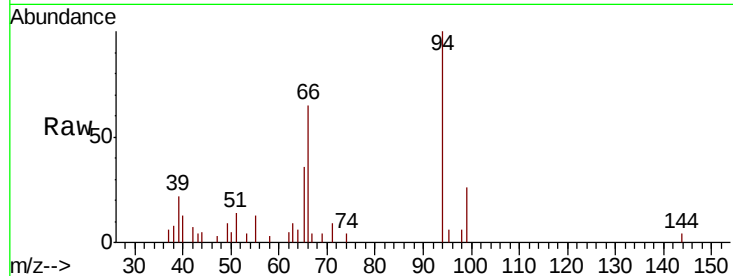
#6

Phenol

Concen: 1.894 ng/ul
 RT: 7.24 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BG047030.D
 Acq: 22 Oct 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 C0FG8

Tot Ion: 94 Resp: 8383
 Ion Ratio Lower Upper
 94 100
 65 35.6 30.6 46.0
 66 65.5 38.5 57.7#

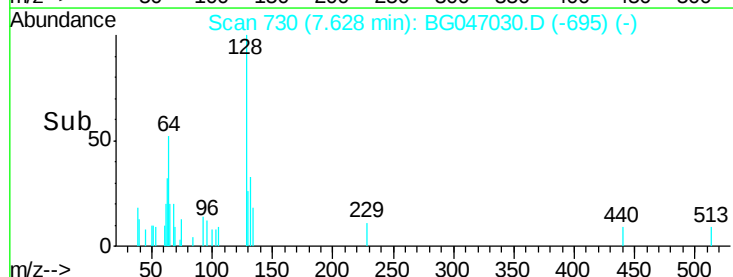
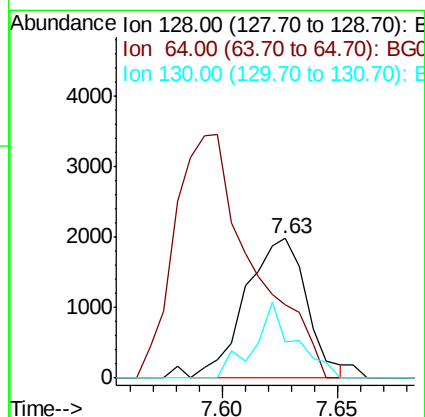
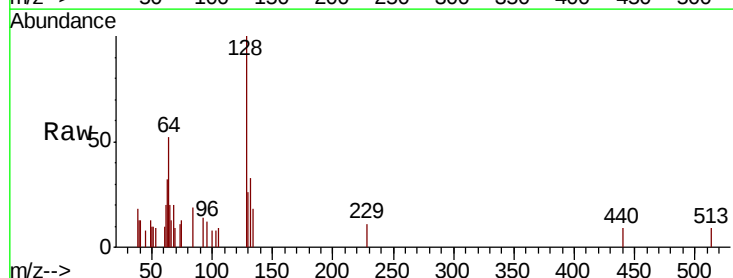


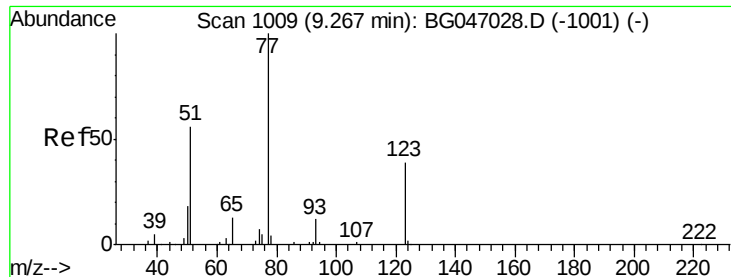
#10

2-Chlorophenol

Concen: 1.039 ng/ul
 RT: 7.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BG047030.D
 Acq: 22 Oct 2020 13:44

Tgt Ion:128 Resp: 3639
 Ion Ratio Lower Upper
 128 100
 64 52.2 40.1 60.1
 130 26.2 23.2 34.8

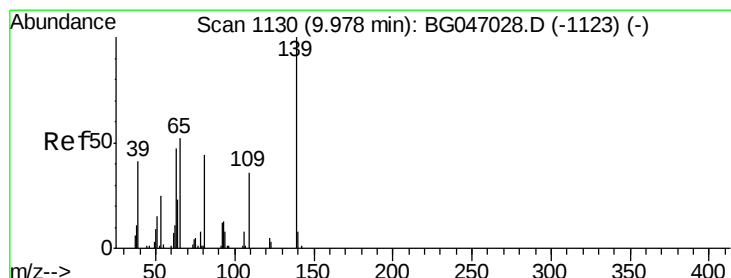
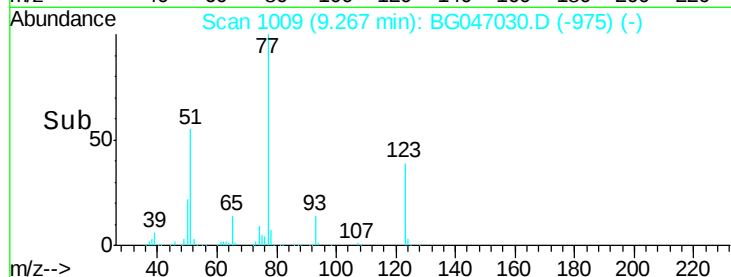
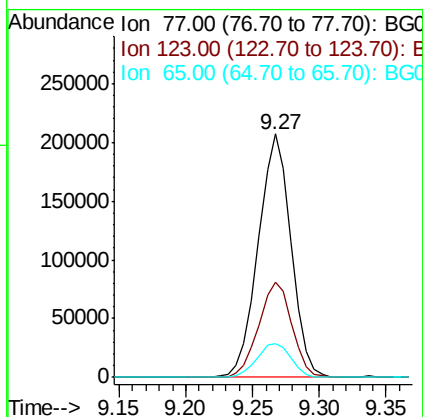
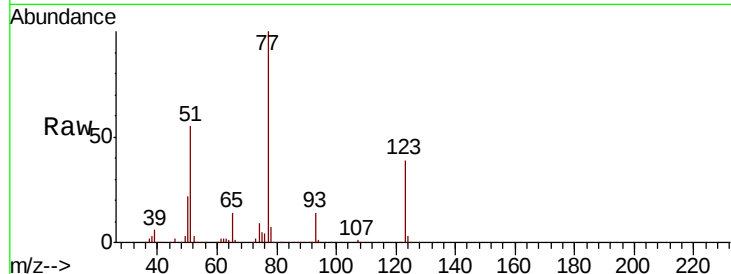




#20
Nitrobenzene
Concen: 77.531 ng/ul
RT: 9.27 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG047030.D
Acq: 22 Oct 2020 13:44

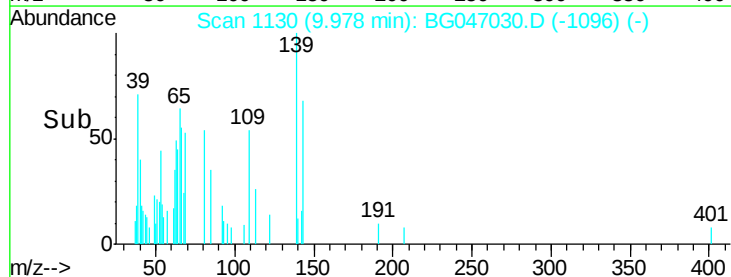
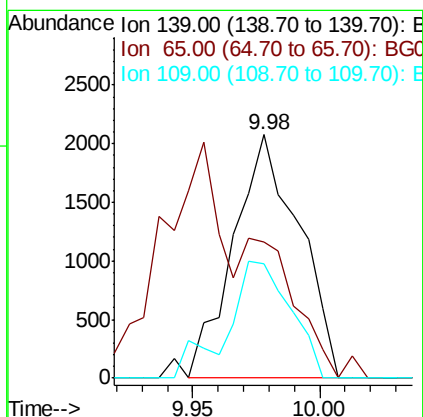
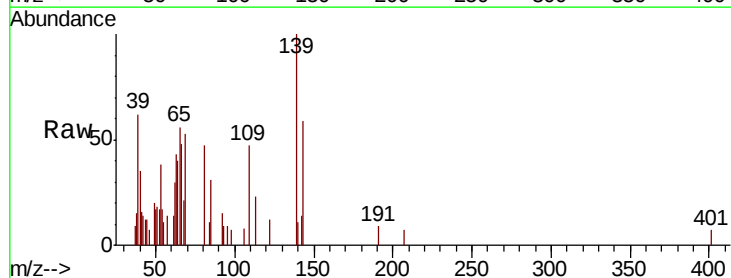
Instrument :
BNA_G
ClientSampleId :
C0FG8

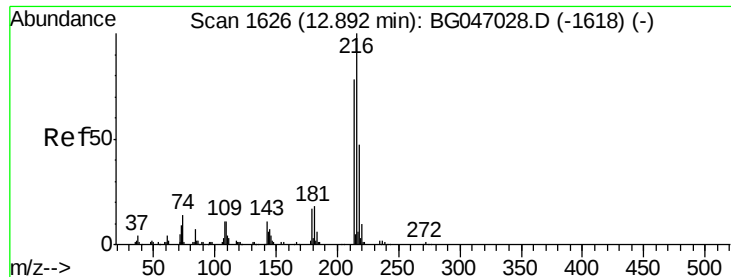
Tot Ion	Ratio	Lower	Upper
77	100		
123	38.9	29.8	44.6
65	13.8	12.5	18.7



#23
2-Nitrophenol
Concen: 1.858 ng/ul
RT: 9.98 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG047030.D
Acq: 22 Oct 2020 13:44

Tgt Ion	Ratio	Lower	Upper
139	100		
65	55.7	45.0	67.6
109	47.2	32.7	49.1

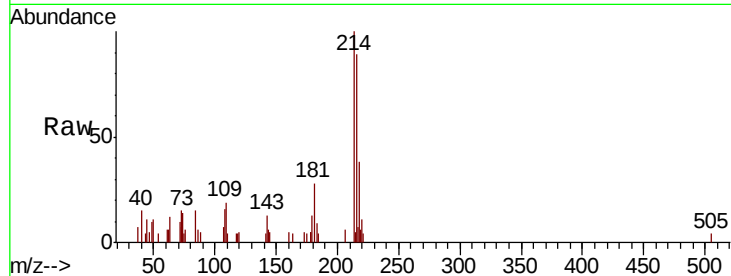




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.290 ng/ul
 RT: 12.89 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG047030.D
 Acq: 22 Oct 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 C0FG8

Tot Ion	Ratio	Lower	Upper
216	100		
214	104.2	62.8	94.2#
179	13.1	14.0	21.0#
108	16.8	12.2	18.4



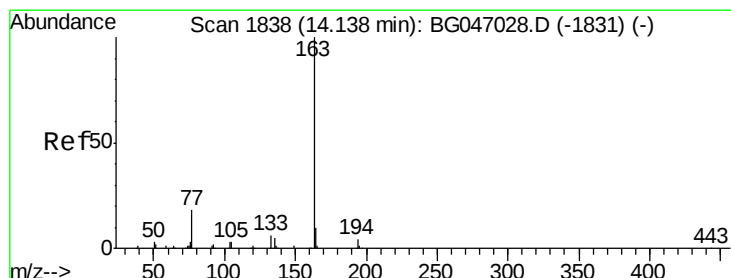
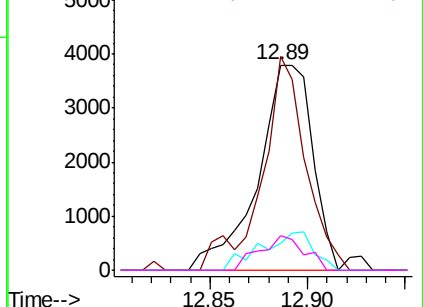
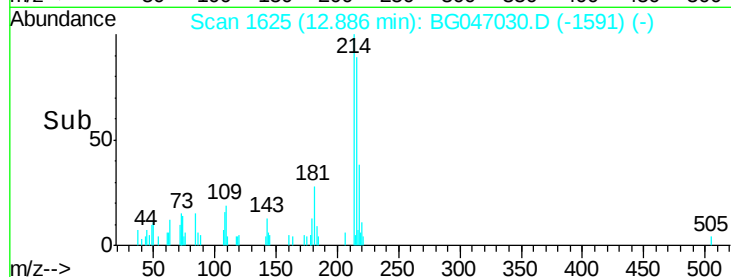
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

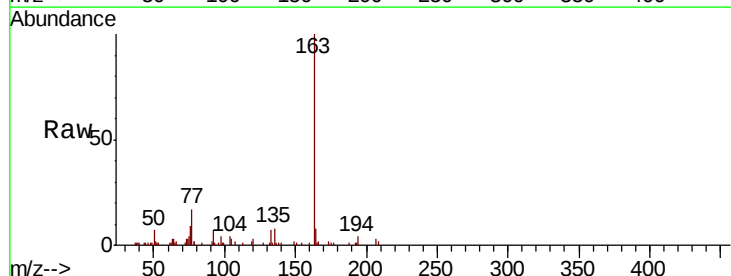
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#45
 Dimethylphthalate
 Concen: 2.988 ng/ul
 RT: 14.14 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG047030.D
 Acq: 22 Oct 2020 13:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5
164	7.9	7.9	11.9#

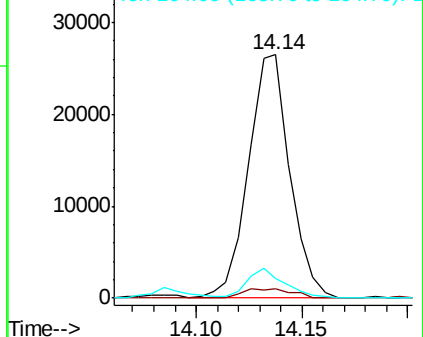
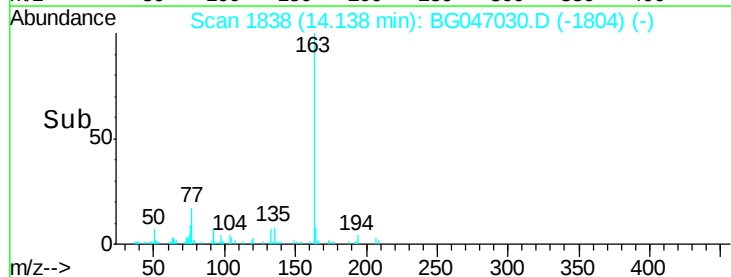


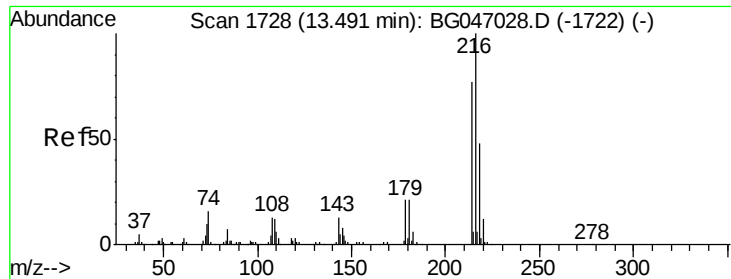
Abundance

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

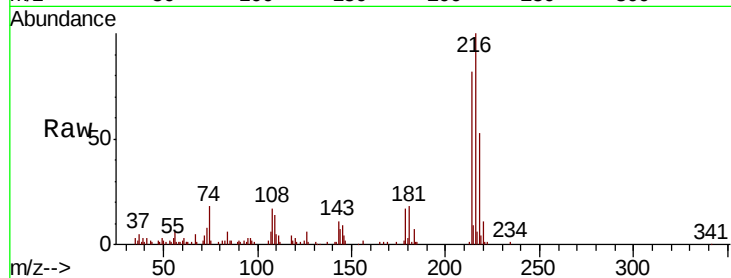




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 9.787 ng/uL
 RT: 13.49 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG047030.D
 Acq: 22 Oct 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 C0FG8

Tot Ion:	216	Resp:	57014
Ion	Ratio	Lower	Upper
216	100		
214	82.3	61.6	92.4
218	53.3	39.8	59.8



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

