

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048187.D
 Acq On : 17 Feb 2021 12:34
 Operator : CG/JU
 Sample : M1379-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBH00

Manual Integrations
 APPROVED

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Quant Time: Feb 17 17:39:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 06:21:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	212377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	138263	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	289140	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	7779746m	20.00	ng/ul	0.02
86) Perylene-d12	25.35	264	199071m	20.00	ng/ul	0.35

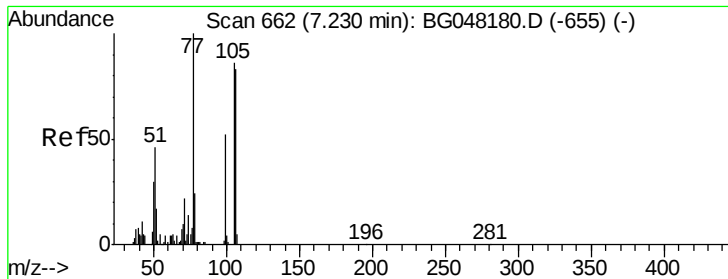
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	3486m	2.58	ng/uL	0.00
5) Phenol-d5	7.27	99	75743	15.97	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.43	67	46396	16.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	55890	16.79	ng/ul	0.02
13) 4-Methylphenol-d8	8.82	113	56670	15.23	ng/ul	0.03
19) Nitrobenzene-d5	9.27	128	34017	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	31112	16.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	56378	15.00	ng/ul	0.03
29) 4-Chloroaniline-d4	11.07	131	2291	0.62	ng/ul	0.03
44) Dimethylphthalate-d6	14.14	166	155431	15.18	ng/ul	0.02
47) Acenaphthylene-d8	14.42	160	204209	16.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	26203m	15.06	ng/ul	0.06
58) Fluorene-d10	15.72	176	140203	15.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8365	4.72	ng/ul	0.02
71) Anthracene-d10	17.57	188	222691m	17.96	ng/ul	0.00
79) Pyrene-d10	19.86	212	250521m	0.64	ng/ul	0.02
90) Benzo(a)pyrene-d12	25.11	264	200116m	19.71	ng/ul	0.34

Target Compounds

					Ovalue
4) Benzaldehyde	7.25	77	68272	24.486	ng/ul 92
6) Phenol	7.30	94	24883	5.082	ng/ul 98
14) Acetophenone	8.93	105	21404	3.533	ng/ul# 84
16) 4-Methylphenol	8.88	108	42922	11.227	ng/ul 84
45) Dimethylphthalate	14.18	163	20123	1.901	ng/ul# 1
53) 4-Nitrophenol	14.98	109	64829m	32.998	ng/ul

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



#4

Benzaldehyde

Concen: 24.486 ng/ul

RT: 7.25 min Scan# 665

Delta R.T. 0.01 min

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Acq: 17 Feb 2021 12:34

Instrument :

BNA_G

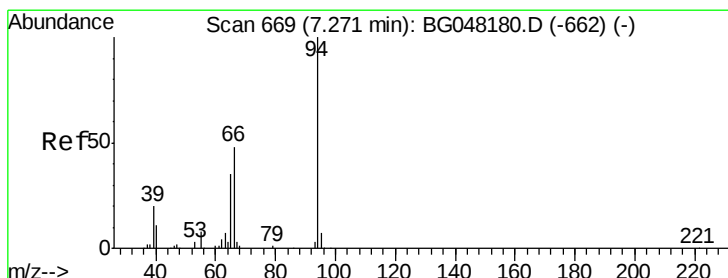
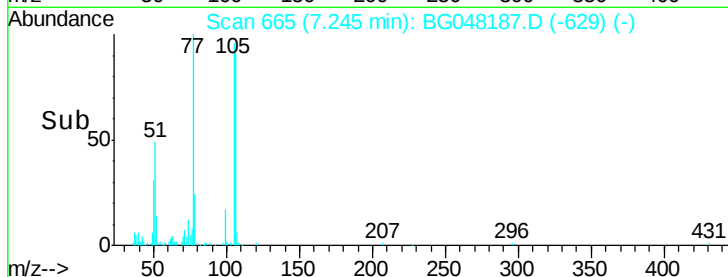
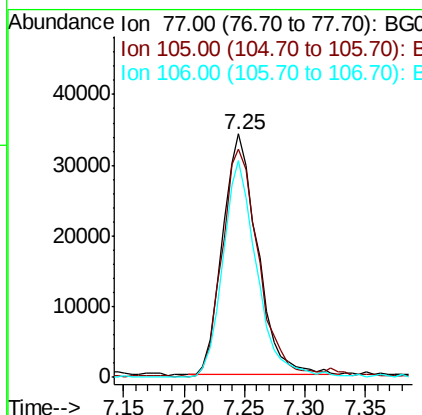
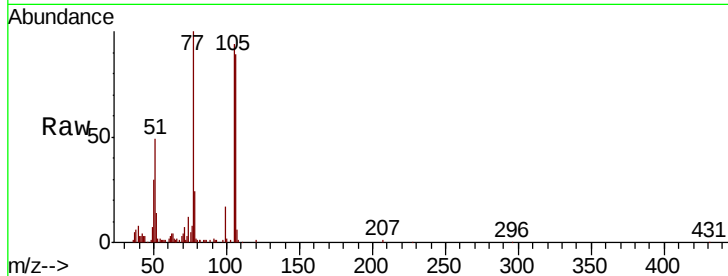
ClientSampleId :

DBH00

Tot Ion:	77	Resp:	68272
Ion Ratio	Lower	Upper	
77	100		
105	93.7	69.3	103.9
106	88.9	64.9	97.3

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#6

Phenol

Concen: 5.082 ng/ul

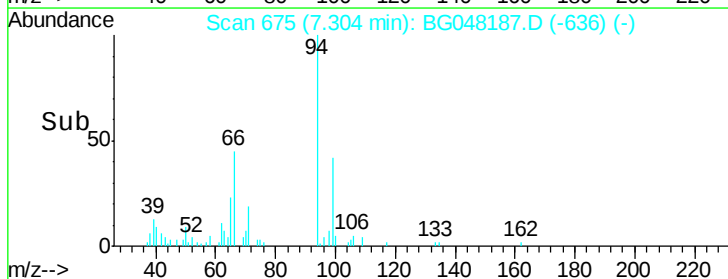
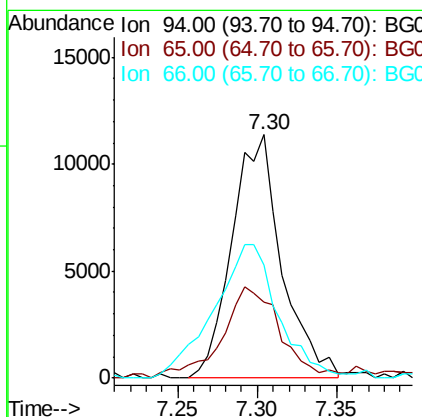
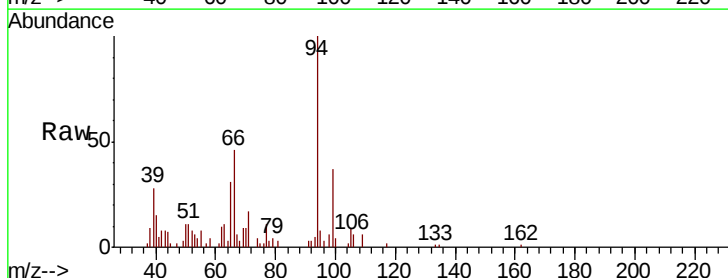
RT: 7.30 min Scan# 675

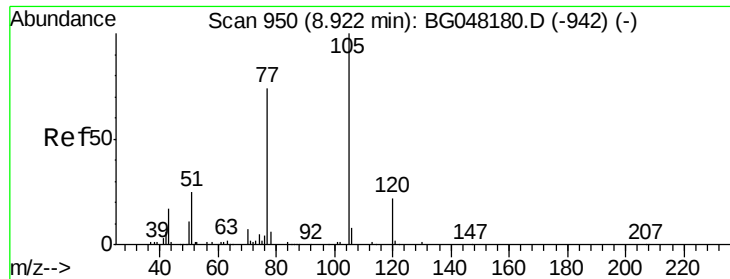
Delta R.T. 0.03 min

Lab File: BG048187.D

Acq: 17 Feb 2021 12:34

Tgt Ion:	94	Resp:	24883
Ion Ratio	Lower	Upper	
94	100		
65	31.3	27.0	40.4
66	46.4	37.1	55.7





#14

Acetophenone

Concen: 3.533 ng/ul

RT: 8.93 min Scan# 952

Delta R.T. 0.02 min

Lab File: BG048187.D

Acq: 17 Feb 2021 12:34

Instrument :

BNA_G

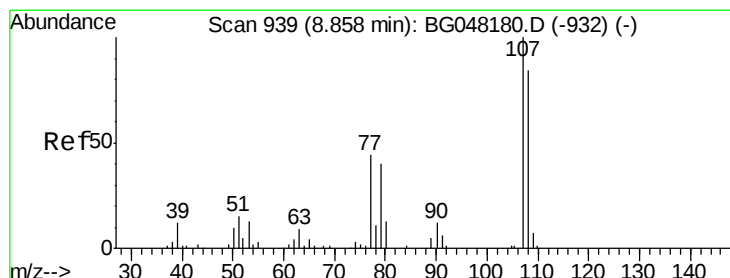
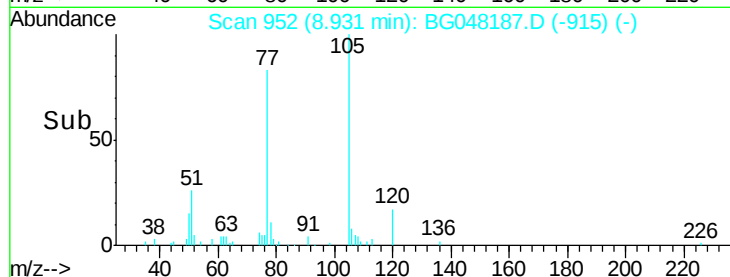
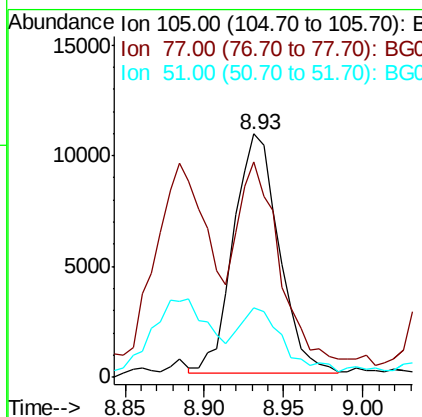
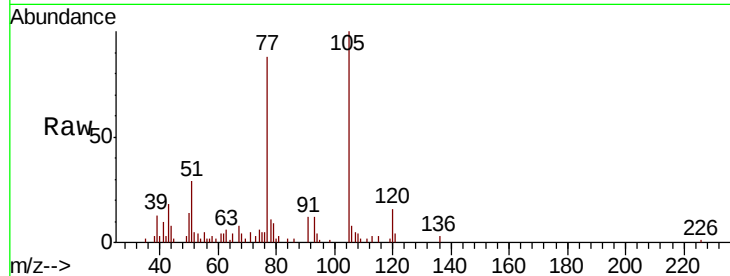
ClientSampleID :

DBH00

Tot Ion:	105	Resp:	21404
Ion Ratio	Lower	Upper	
105	100		
77	88.3	58.7	88.1#
51	28.7	18.9	28.3#

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#16

4-Methylphenol

Concen: 11.227 ng/ul

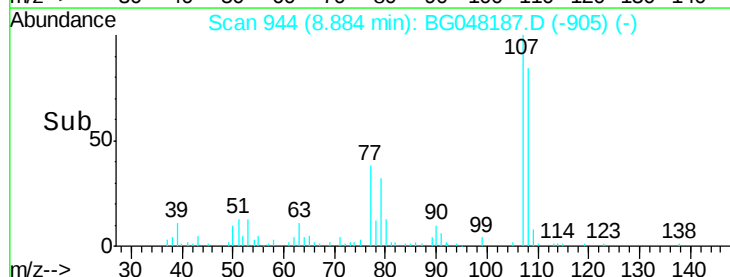
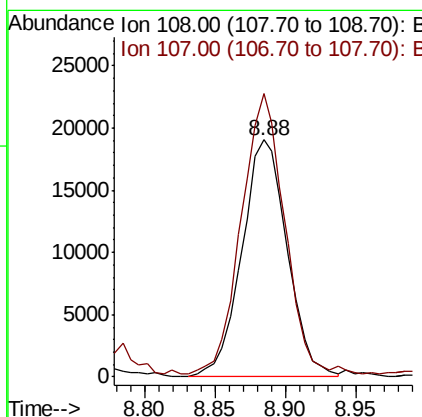
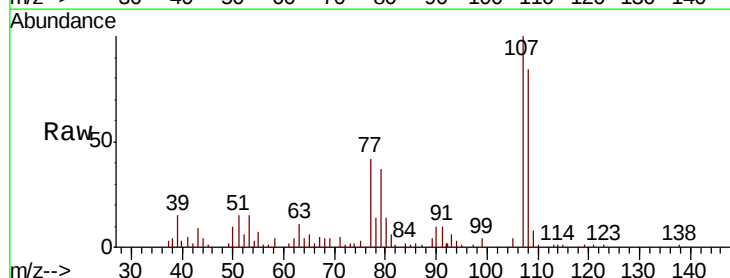
RT: 8.88 min Scan# 944

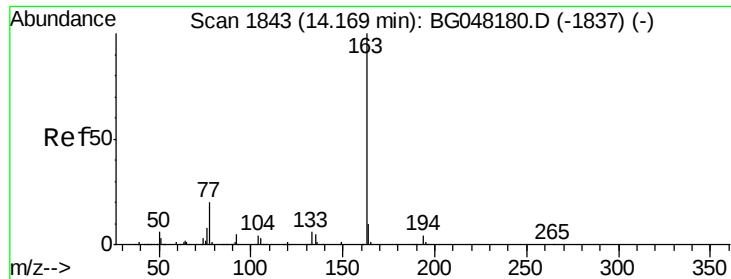
Delta R.T. 0.03 min

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Acq: 17 Feb 2021 12:34

Tgt Ion:	108	Resp:	42922
Ion Ratio	Lower	Upper	
108	100		
107	119.4	82.6	123.8





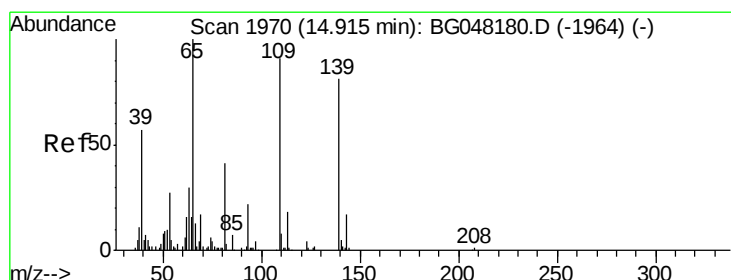
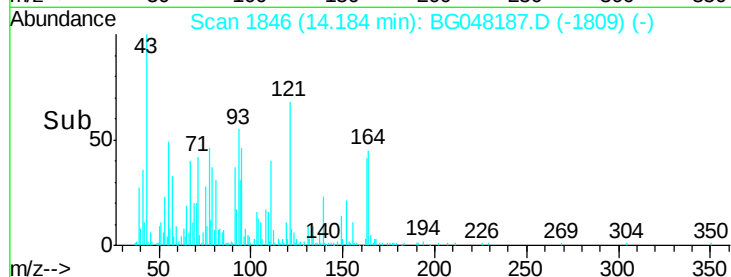
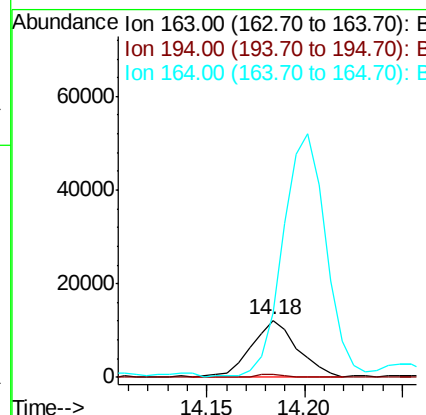
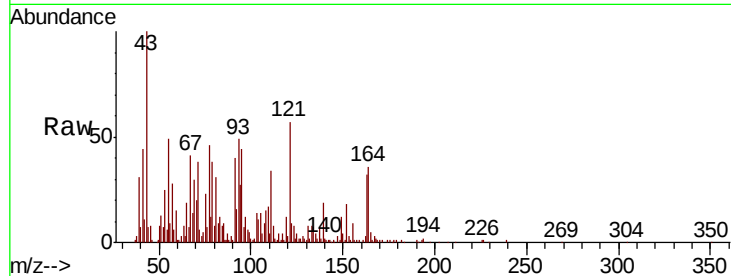
#45
Dimethylphthalate
Concen: 1.901 ng/ul
RT: 14.18 min Scan# 1846
Delta R.T. 0.02 min
Lab File: BG048187.D
Acq: 17 Feb 2021 12:34

Instrument :
BNA_G
ClientSampled :
DBH00

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.6	3.0	4.6#	
164	112.2	8.1	12.1#	

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#53
4-Nitrophenol
Concen: 32.998 ng/ul m
RT: 14.98 min Scan# 1982
Delta R.T. 0.07 min
Lab File: BG048187.D
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Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	241.4	81.0	121.6#	
65	120.1	102.0	153.0	

