

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025666.D
 Acq On : 26 Jan 2017 14:38
 Operator : SJ/MA
 Sample : I1387-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9R4

Quant Time: Jan 27 03:37:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 03:32:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	72153	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	323078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	263945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	960544	20.00	ng/ul	0.10
75) Chrysene-d12	21.85	240	643079	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	657918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	1544	1.07	ng/uL	0.00
5) Phenol-d5	7.35	99	44931	7.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	153092	38.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	131278	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	93573	17.80	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	83995	36.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	114109	41.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	187900	34.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	2743	0.46	ng/ul	0.02
43) Dimethylphthalate-d6	14.20	166	689517	36.99	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	793777	39.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	4024	1.58	ng/ul	-0.04
57) Fluorene-d10	15.80	176	624475	35.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	3099	0.52	ng/ul	0.11
70) Anthracene-d10	17.66	188	960544	23.49	ng/ul	0.00
76) Pyrene-d10	19.94	212	1122180	41.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1106957	40.03	ng/ul	0.00

Target Compounds

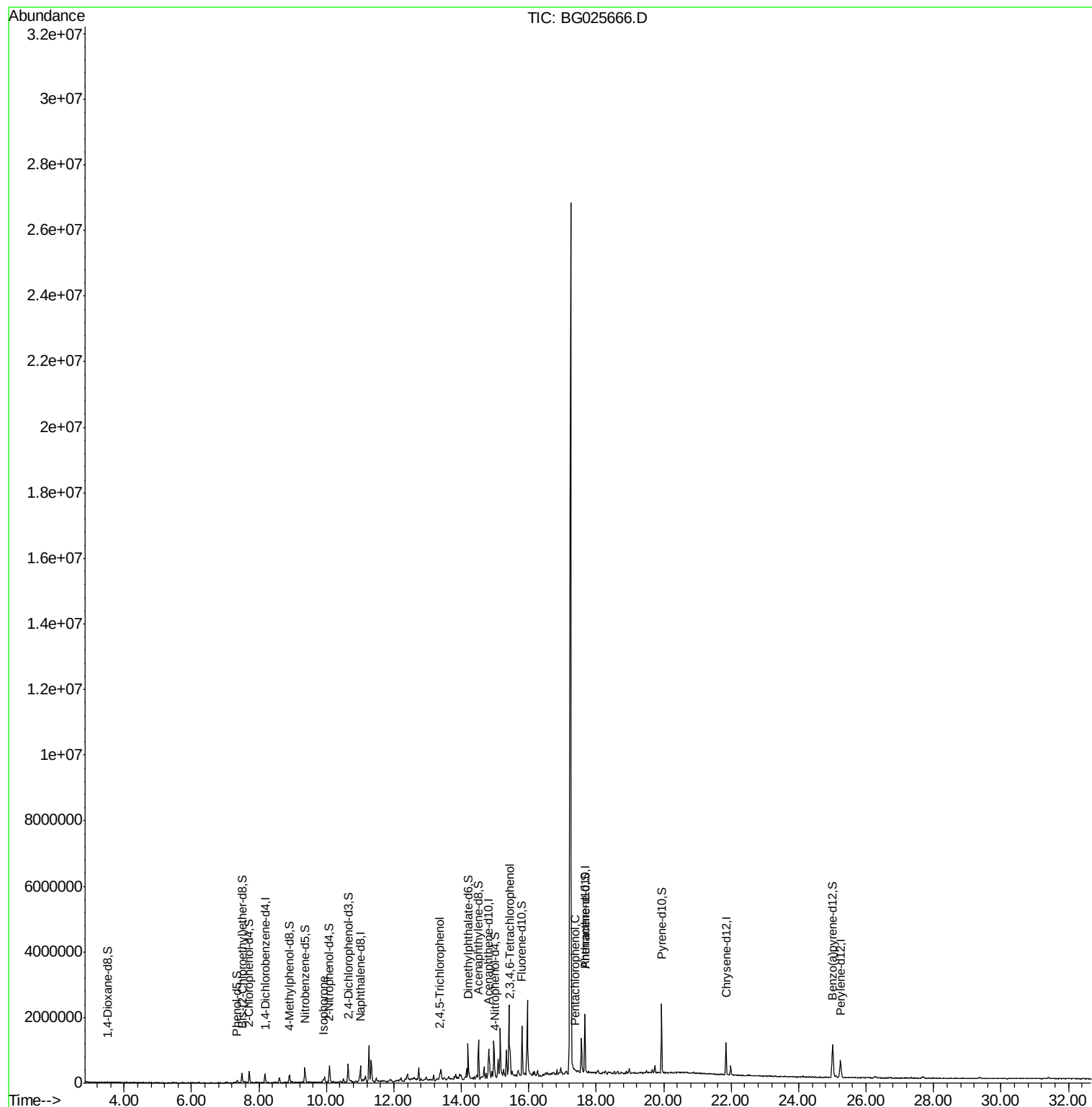
						Qvalue
21) Isophorone	9.92	82	43555	3.16	ng/ul#	95
39) 2,4,5-Trichlorophenol	13.36	196	39389	7.81	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.44	232	362114	67.82	ng/ul#	96
68) Pentachlorophenol	17.39	266	9855	1.87	ng/ul#	79

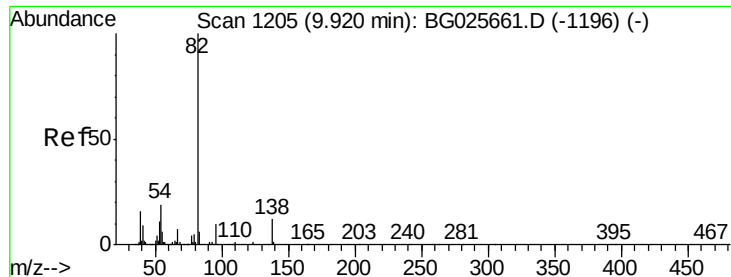
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Isophorone

Concen: 3.16 ng/ul

RT: 9.92 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG025666.D

Acq: 26 Jan 2017 14:38

Instrument :

BNA_G

ClientSampleId :

DA9R4

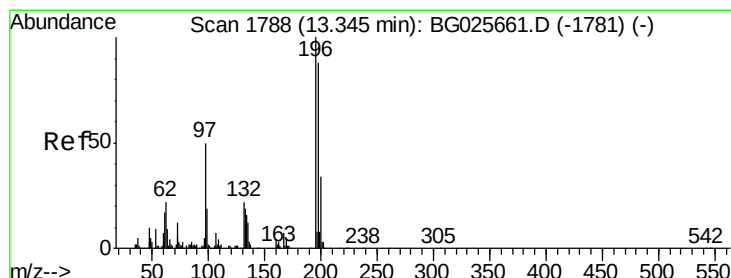
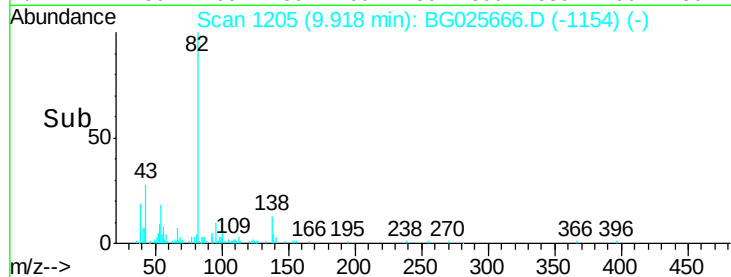
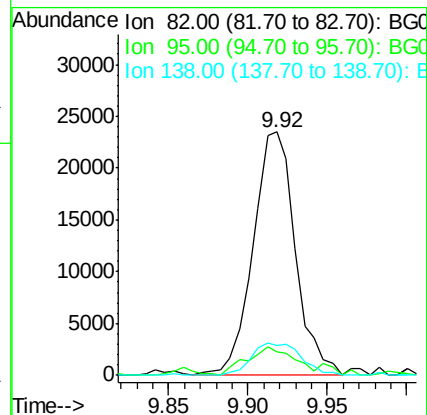
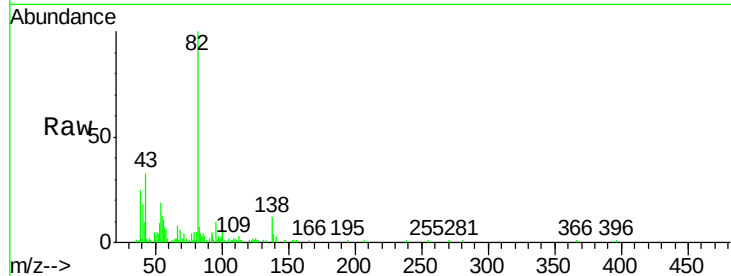
Tgt Ion: 82 Resp: 43555

Ion Ratio Lower Upper

82 100

95 9.7 7.8 11.6

138 12.1 12.2 18.2#



#39

2,4,5-Trichlorophenol

Concen: 7.81 ng/ul

RT: 13.36 min Scan# 1791

Delta R.T. 0.02 min

Lab File: BG025666.D

Acq: 26 Jan 2017 14:38

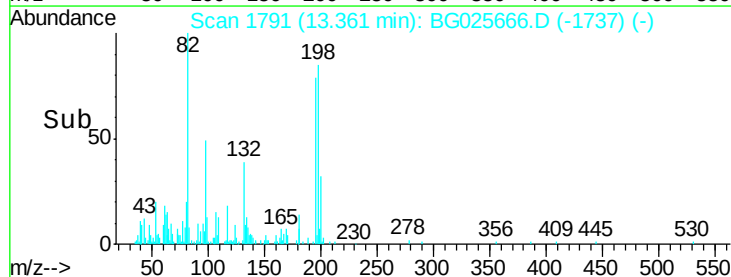
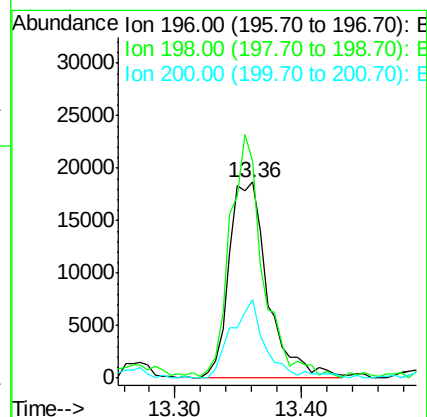
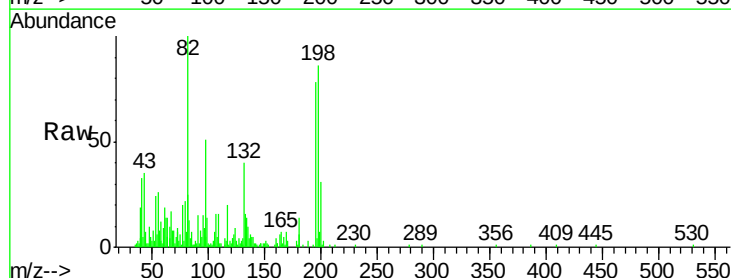
Tgt Ion: 196 Resp: 39389

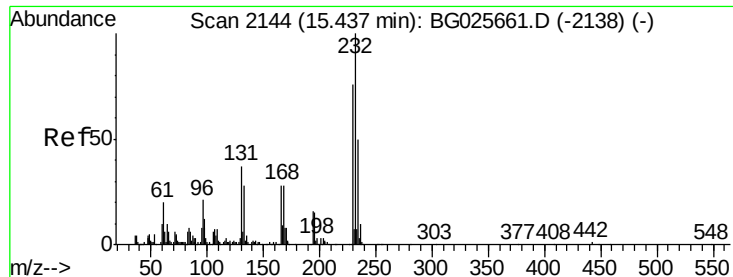
Ion Ratio Lower Upper

196 100

198 110.3 78.6 118.0

200 40.3 27.3 40.9

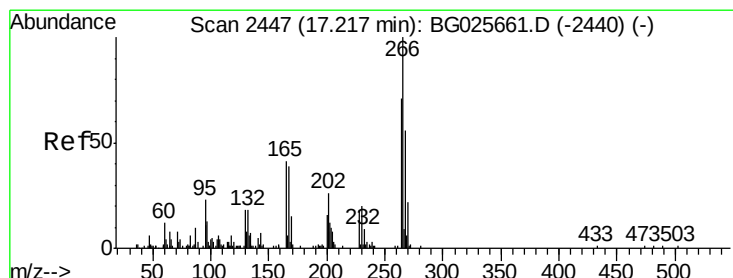
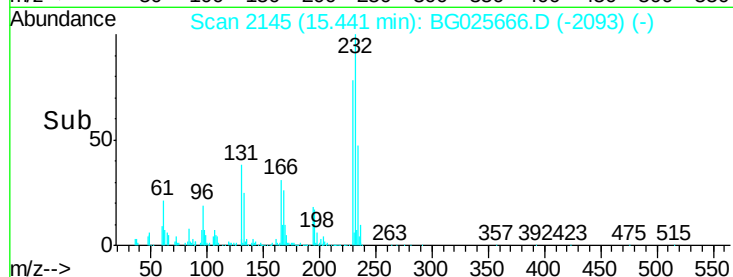
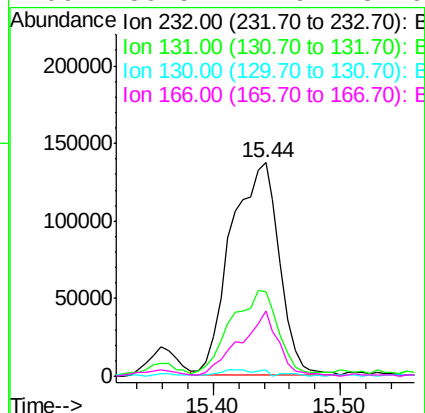
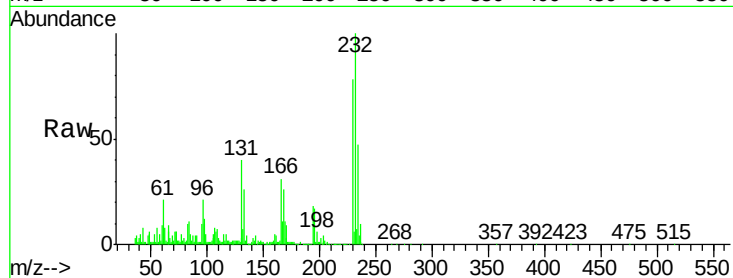




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 67.82 ng/ul
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG025666.D
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Tgt Ion:	232	Resp:	362114
Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.3	49.9
130	3.3	1.8	2.6#
166	30.5	21.9	32.9



#68
 Pentachlorophenol
 Concen: 1.87 ng/ul
 RT: 17.39 min Scan# 2477
 Delta R.T. 0.17 min
 Lab File: BG025666.D
 Acq: 26 Jan 2017 14:38

Tgt Ion:	266	Resp:	9855
Ion	Ratio	Lower	Upper
266	100		
264	47.3	47.1	70.7
268	49.4	56.2	84.4#

