

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011317\
 Data File : BG025518.D
 Acq On : 13 Jan 2017 19:38
 Operator : UM/SJ
 Sample : I1159-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA0DL

Quant Time: Jan 16 00:16:55 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 15 23:58:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	61625	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	245644	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	192046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	436777	20.00	ng/ul	0.00
77) Chrysene-d12	21.86	240	683322	20.00	ng/ul	0.00
85) Perylene-d12	25.25	264	729320	20.00	ng/ul	-0.02

System Monitoring Compounds

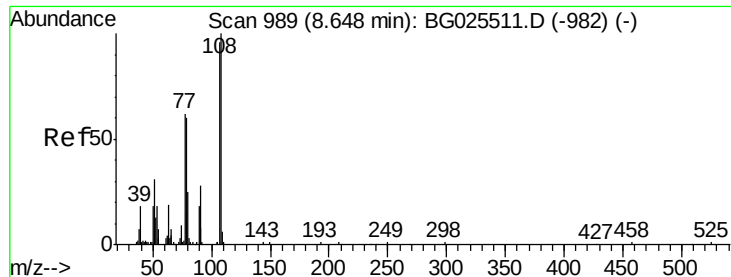
3) 1,4-Dioxane-d8	3.55	96	418	0.37	ng/uL	0.00
5) Phenol-d5	7.38	99	4821	1.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.51	67	19642	6.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	18845	5.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	9991	2.49	ng/ul	0.01
19) Nitrobenzene-d5	9.39	128	11529	6.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	12621	6.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	20059	5.30	ng/ul	0.02
29) 4-Chloroaniline-d4	11.26	131	100	0.02	ng/ul	0.08
43) Dimethylphthalate-d6	14.22	166	88158	6.66	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	86860	5.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	142	0.08	ng/ul	0.07
57) Fluorene-d10	15.82	176	80691	6.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	13581	4.89	ng/ul	0.02
70) Anthracene-d10	17.68	188	123456	6.66	ng/ul	0.00
78) Pyrene-d10	19.94	212	183604	6.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.03	264	199430	6.61	ng/ul	0.00

Target Compounds

					Qvalue
11) 2-Methylphenol	8.58	108	109497	29.49 ng/ul	96
20) Nitrobenzene	9.43	77	61298	11.23 ng/ul#	75
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	32083	5.03 ng/ul#	92
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	127140	20.82 ng/uL	99

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

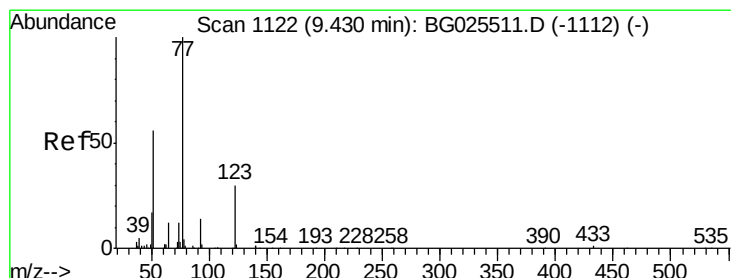
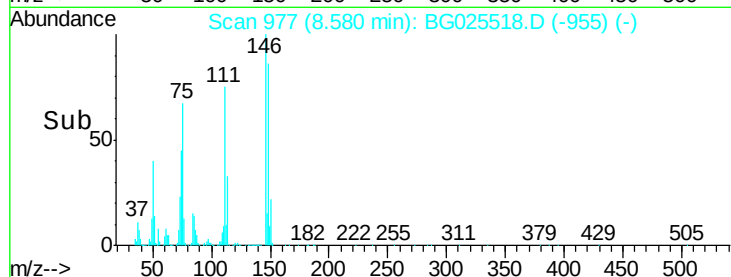
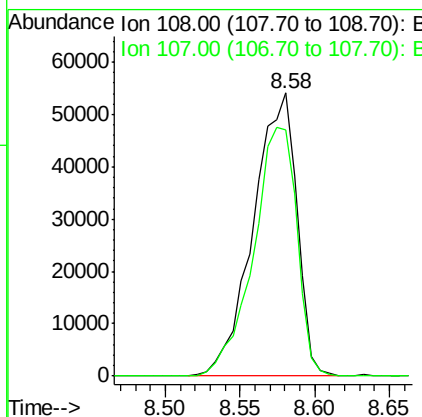
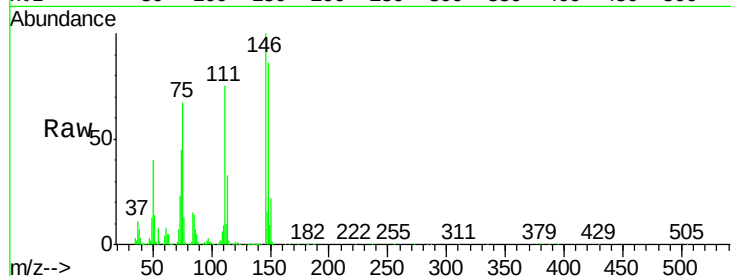
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Data File : BG025518.D  
Acq On    : 13 Jan 2017  19:38  
Operator  : UM/SJ  
Sample    : I1159-01DL 5X  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```



#11
2-Methylphenol
Concen: 29.49 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. -0.07 min
Lab File: BG025518.D
Acq: 13 Jan 2017 19:38

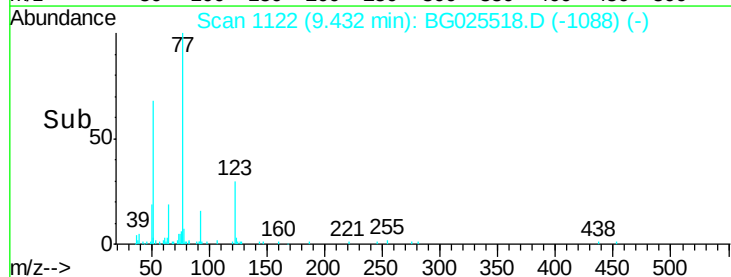
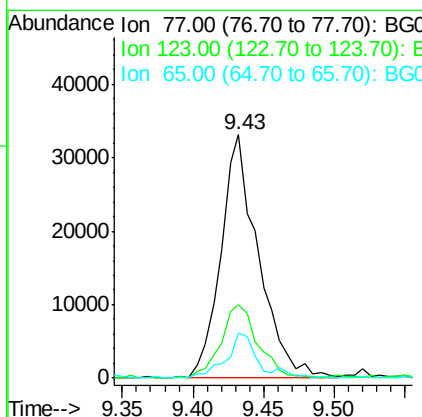
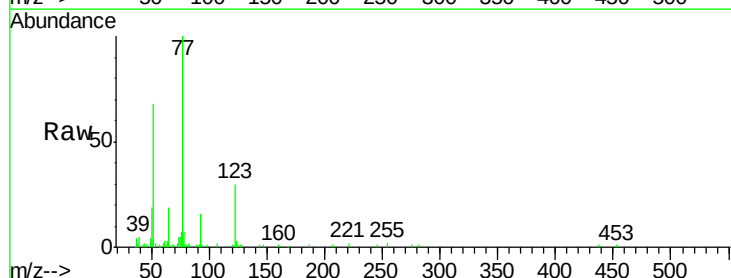
Instrument :
BNA_G
ClientSampleId :
C0AA0DL

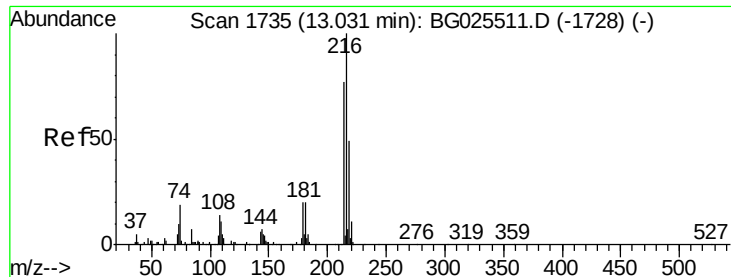
Tgt Ion: 108 Resp: 109497
Ion Ratio Lower Upper
108 100
107 87.0 72.4 108.6



#20
Nitrobenzene
Concen: 11.23 ng/ul
RT: 9.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG025518.D
Acq: 13 Jan 2017 19:38

Tgt Ion: 77 Resp: 61298
Ion Ratio Lower Upper
77 100
123 30.2 39.0 58.4#
65 18.7 10.4 15.6#





#36

1,2,4,5-Tetrachlorobenzene

Concen: 5.03 ng/uL

RT: 13.03 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG025518.D

Acq: 13 Jan 2017 19:38

Instrument :

BNA_G

ClientSampleId :

C0AA0DL

Tgt Ion:216 Resp: 32083

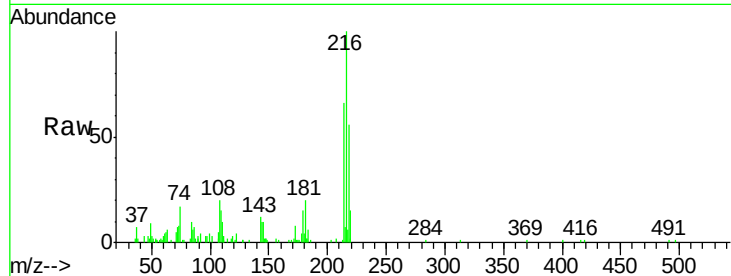
Ion Ratio Lower Upper

216 100

214 72.6 62.5 93.7

179 14.6 18.2 27.2#

108 20.2 14.2 21.2

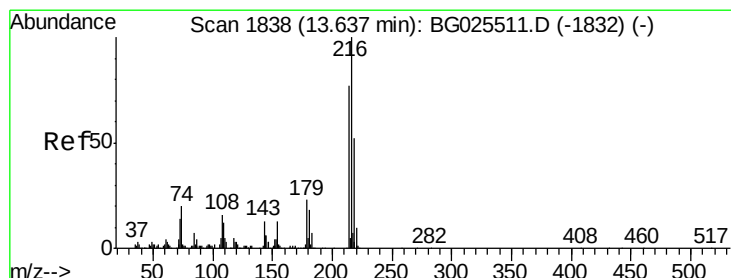
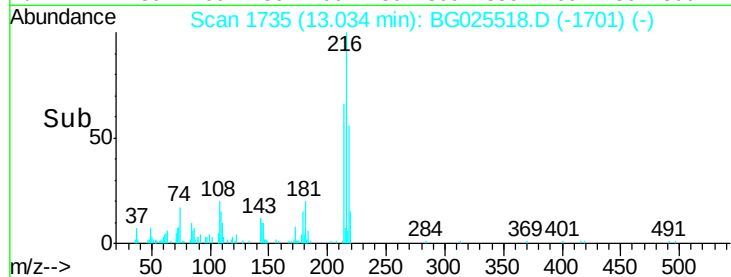
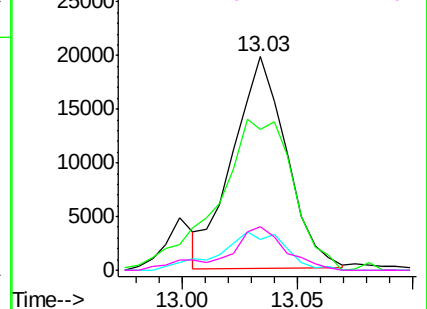


Abundance Ion 216.00 (215.70 to 216.70): E

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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 20.82 ng/uL

RT: 13.63 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG025518.D

Acq: 13 Jan 2017 19:38

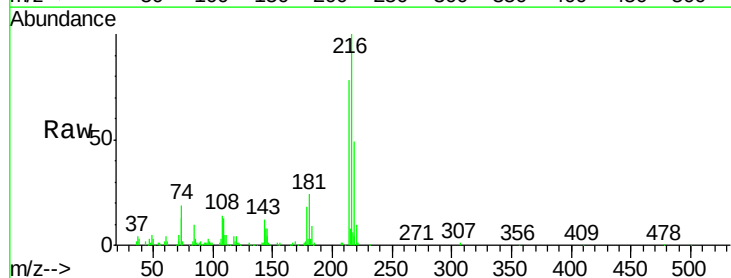
Tgt Ion:216 Resp: 127140

Ion Ratio Lower Upper

216 100

214 77.7 62.5 93.7

218 48.8 38.4 57.6



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

