

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019405.D
 Acq On : 29 Oct 2015 6:37
 Operator : UM/NP
 Sample : G4120-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT2

Quant Time: Oct 29 08:28:13 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30861	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	130291	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	108728	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	260931	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	315389	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	300504	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	1650	2.56	ng/uL	0.00
5) Phenol-d5	7.36	99	22726	8.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	57699	32.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	48792	27.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	42284	18.74	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	31846	33.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	36246	31.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	79412	32.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	1427	0.57	ng/ul	0.01
44) Dimethylphthalate-d6	14.24	166	274436	30.61	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	300821	30.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	404	0.28	ng/ul	-0.01
58) Fluorene-d10	15.82	176	260177	31.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	58682	34.75	ng/ul	0.00
71) Anthracene-d10	17.67	188	412105	34.65	ng/ul	0.00
79) Pyrene-d10	19.95	212	478374	34.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	511969	33.95	ng/ul	0.00

Target Compounds

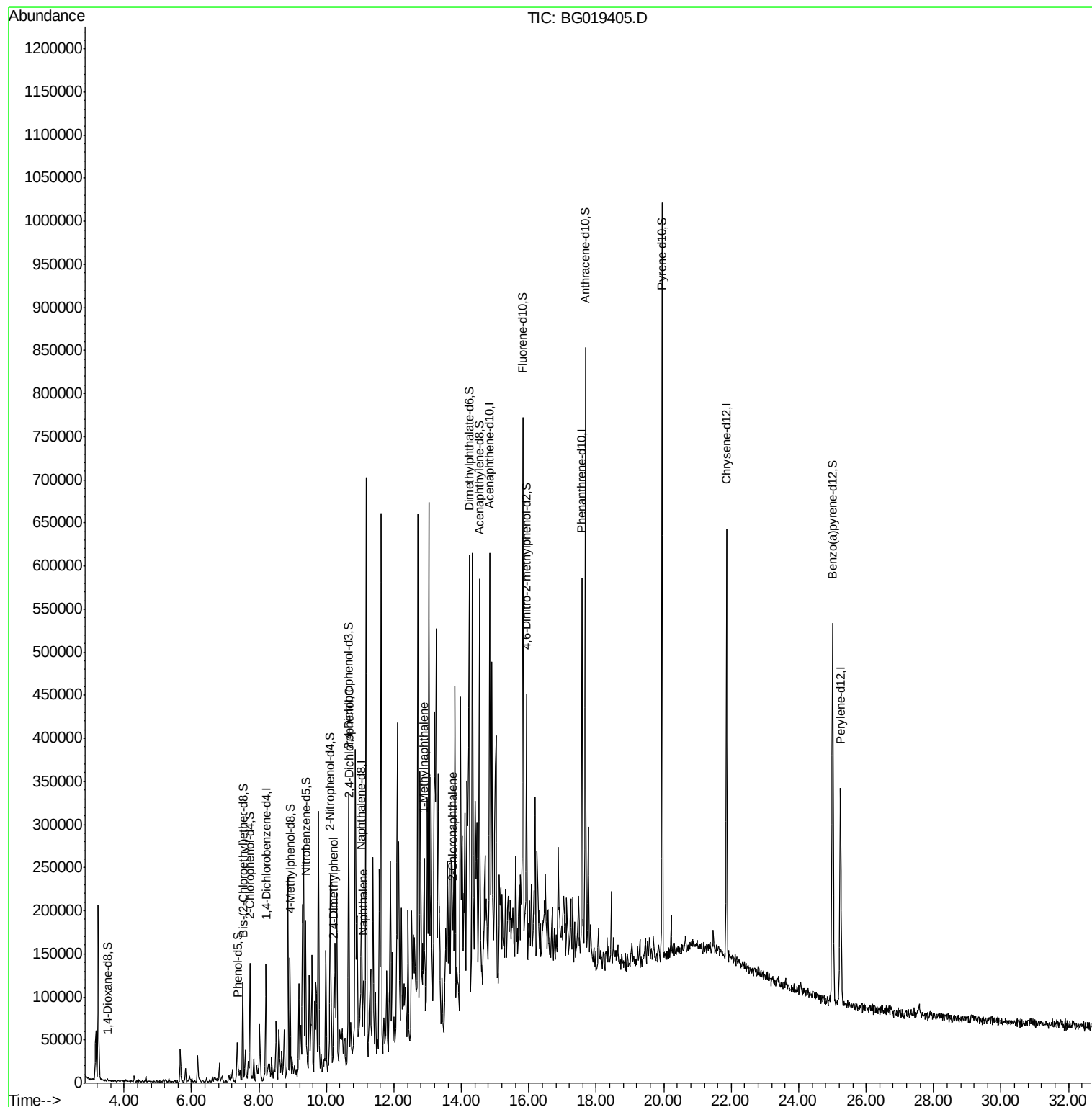
					Ovalue	
24) 2,4-Dimethylphenol	10.21	107	3630	1.08	ng/ul#	66
27) 2,4-Dichlorophenol	10.67	162	7867	3.34	ng/ul#	55
28) Naphthalene	11.09	128	8218	1.26	ng/ul#	92
35) 1-Methylnaphthalene	12.90	142	11603	2.34	ng/ul#	73
42) 2-Chloronaphthalene	13.74	162	15981	2.67	ng/ul#	62

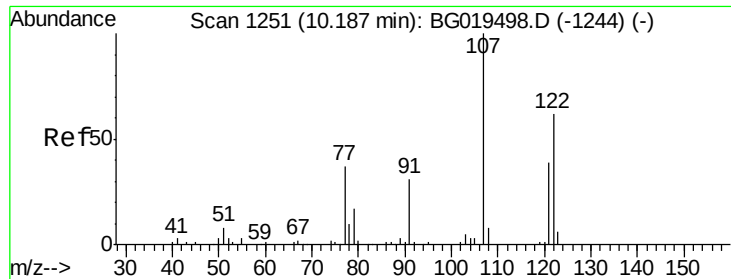
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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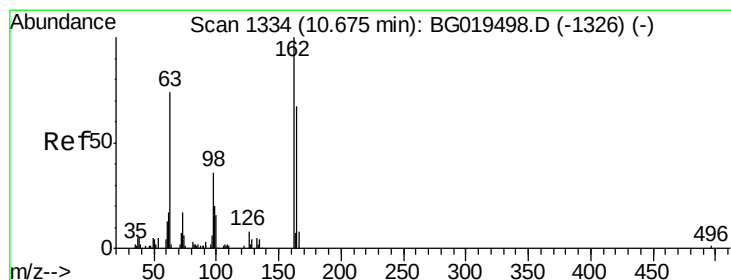
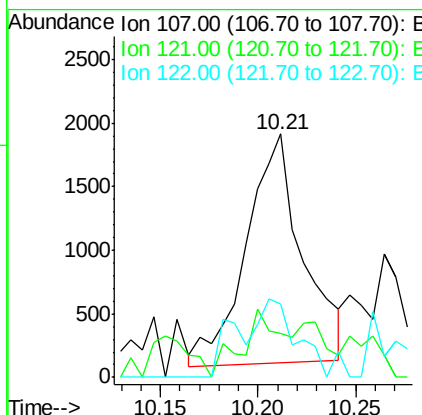
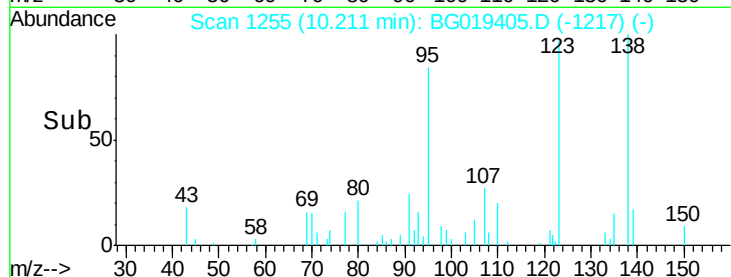
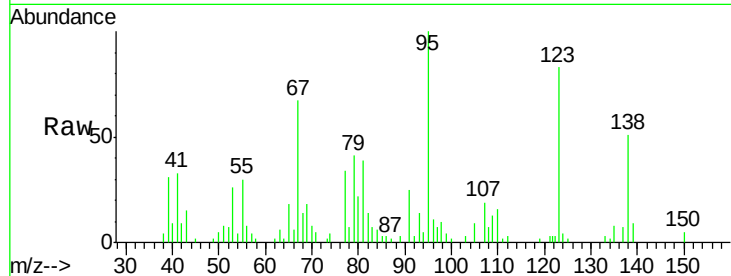




#24
2,4-Dimethylphenol
Concen: 1.08 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. 0.02 min
Lab File: BG019405.D
Acq: 29 Oct 2015 6:37

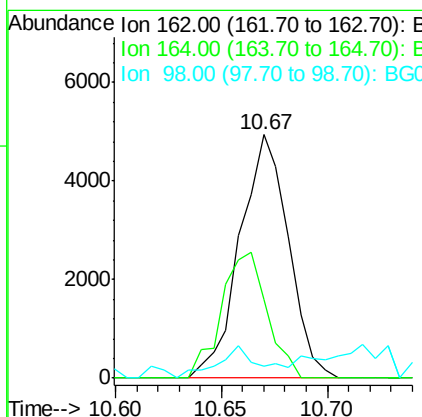
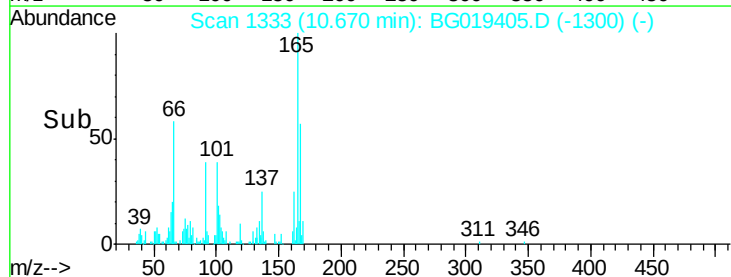
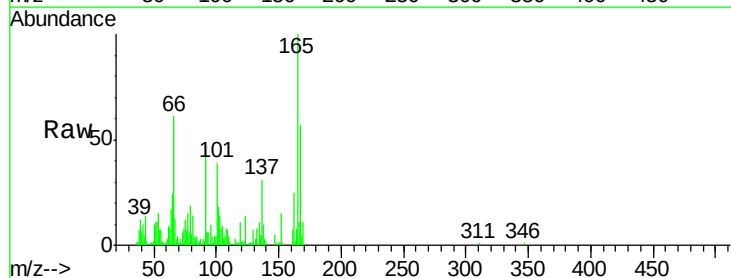
Instrument :
BNA_G
ClientSampled :
E5LT2

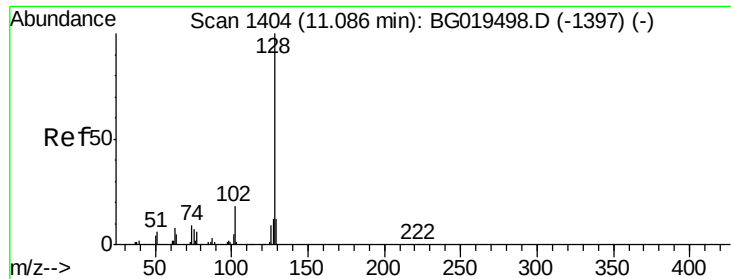
Tot Ion:107 Resp: 3630
Ion Ratio Lower Upper
107 100
121 32.6 33.0 49.4#
122 30.3 54.2 81.2#



#27
2,4-Dichlorophenol
Concen: 3.34 ng/ul
RT: 10.67 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG019405.D
Acq: 29 Oct 2015 6:37

Tgt Ion:162 Resp: 7867
Ion Ratio Lower Upper
162 100
164 32.3 52.1 78.1#
98 5.0 26.9 40.3#

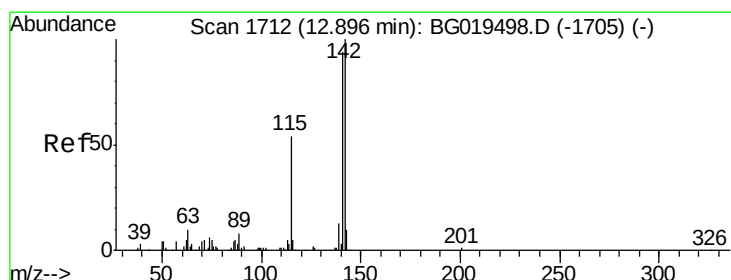
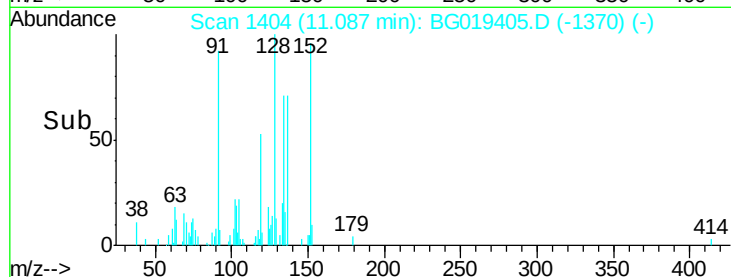
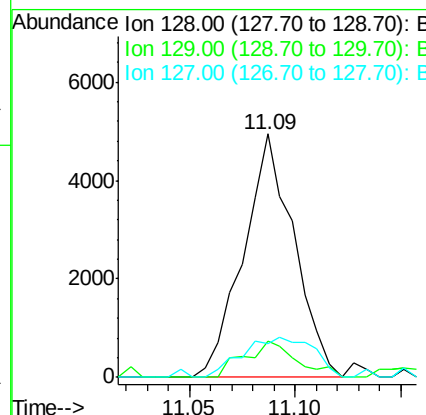
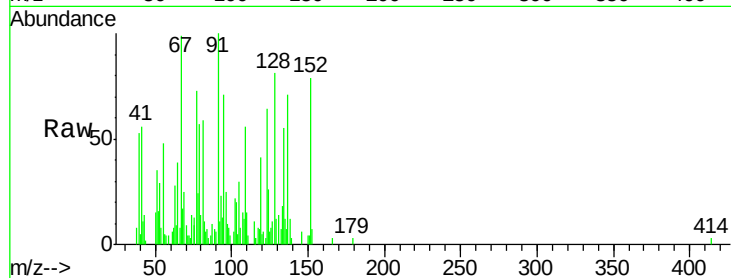




#28
Naphthalene
Concen: 1.26 ng/ul
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG019405.D
Acq: 29 Oct 2015 6:37

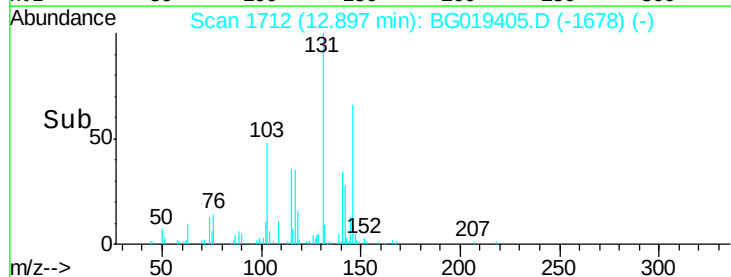
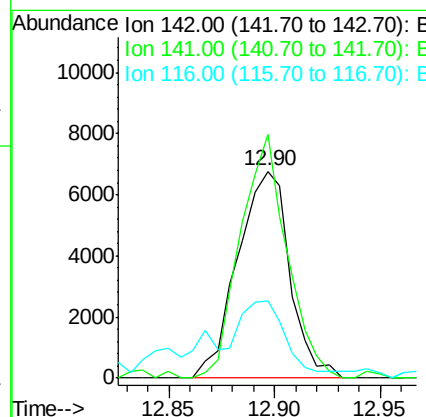
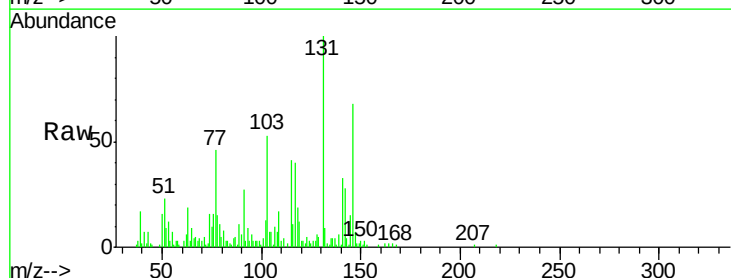
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BNA_G
ClientSampleId :
E5LT2

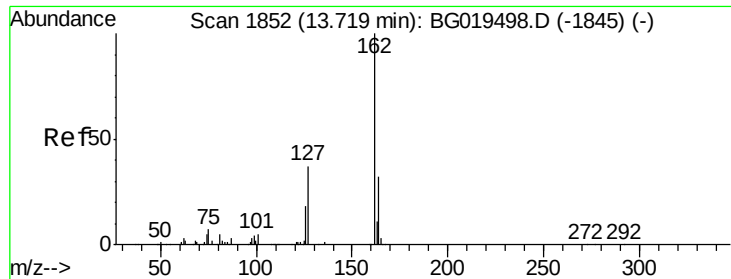
Tot Ion:128 Resp: 8218
Ion Ratio Lower Upper
128 100
129 15.1 8.9 13.3#
127 13.8 13.1 19.7



#35
1-Methylnaphthalene
Concen: 2.34 ng/ul
RT: 12.90 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG019405.D
Acq: 29 Oct 2015 6:37

Tgt Ion:142 Resp: 11603
Ion Ratio Lower Upper
142 100
141 117.8 76.5 114.7#
116 37.4 5.4 8.0#





#42
 2-Chloronaphthalene
 Concen: 2.67 ng/ul
 RT: 13.74 min Scan# 1856
 Delta R.T. 0.02 min
 Lab File: BG019405.D
 Acq: 29 Oct 2015 6:37

Instrument :
 BNA_G
 ClientSampleId :
 E5LT2

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.2	30.1	45.1
127	2.0	32.8	49.2#

