

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027961.D
 Acq On : 19 Jul 2017 10:28
 Operator : SJ/JU
 Sample : I4212-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8DL

Manual Integrations
 APPROVED

Sohil
 7/20/2017 2:06:18 PM

Quant Time: Jul 19 14:50:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 17 16:40:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	64975	20.00	ng/ul	0.02
18) Naphthalene-d8	11.21	136	239309	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.98	164	145354	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	355536	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	459173	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	424676	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.88	96	79	0.07	ng/uL	0.00
5) Phenol-d5	7.54	99	21455	4.02	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.71	67	261603	84.98	ng/ul	0.02
9) 2-Chlorophenol-d4	7.92	132	9766	2.33	ng/ul	0.01
13) 4-Methylphenol-d8	9.08	113	6327	1.43	ng/ul	0.02
19) Nitrobenzene-d5	9.57	128	30199	17.15	ng/ul	0.04
22) 2-Nitrophenol-d4	10.29	143	5226	2.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.82	165	10558	2.55	ng/ul	0.02
29) 4-Chloroaniline-d4	11.31	131	133088m	35.52	ng/ul	-0.01
43) Dimethylphthalate-d6	14.37	166	32469	2.58	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	37208	2.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	106	0.06	ng/ul	0.00
57) Fluorene-d10	15.96	176	30446	2.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	3788	1.53	ng/ul	0.00
70) Anthracene-d10	17.82	188	48592	2.83	ng/ul	0.00
76) Pyrene-d10	20.09	212	54305	2.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	47378	2.39	ng/ul	0.00
Target Compounds						
24) 2,4-Dimethylphenol	10.42	107	119532m	28.017	ng/ul	
28) Naphthalene	11.26	128	731205	64.477	ng/ul	97
34) 2-Methylnaphthalene	12.83	142	183280	19.987	ng/ul	89
40) 1,1'-Biphenyl	13.82	154	15626	1.407	ng/ul#	94
44) Dimethylphthalate	14.42	163	14312	1.247	ng/ul#	91

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

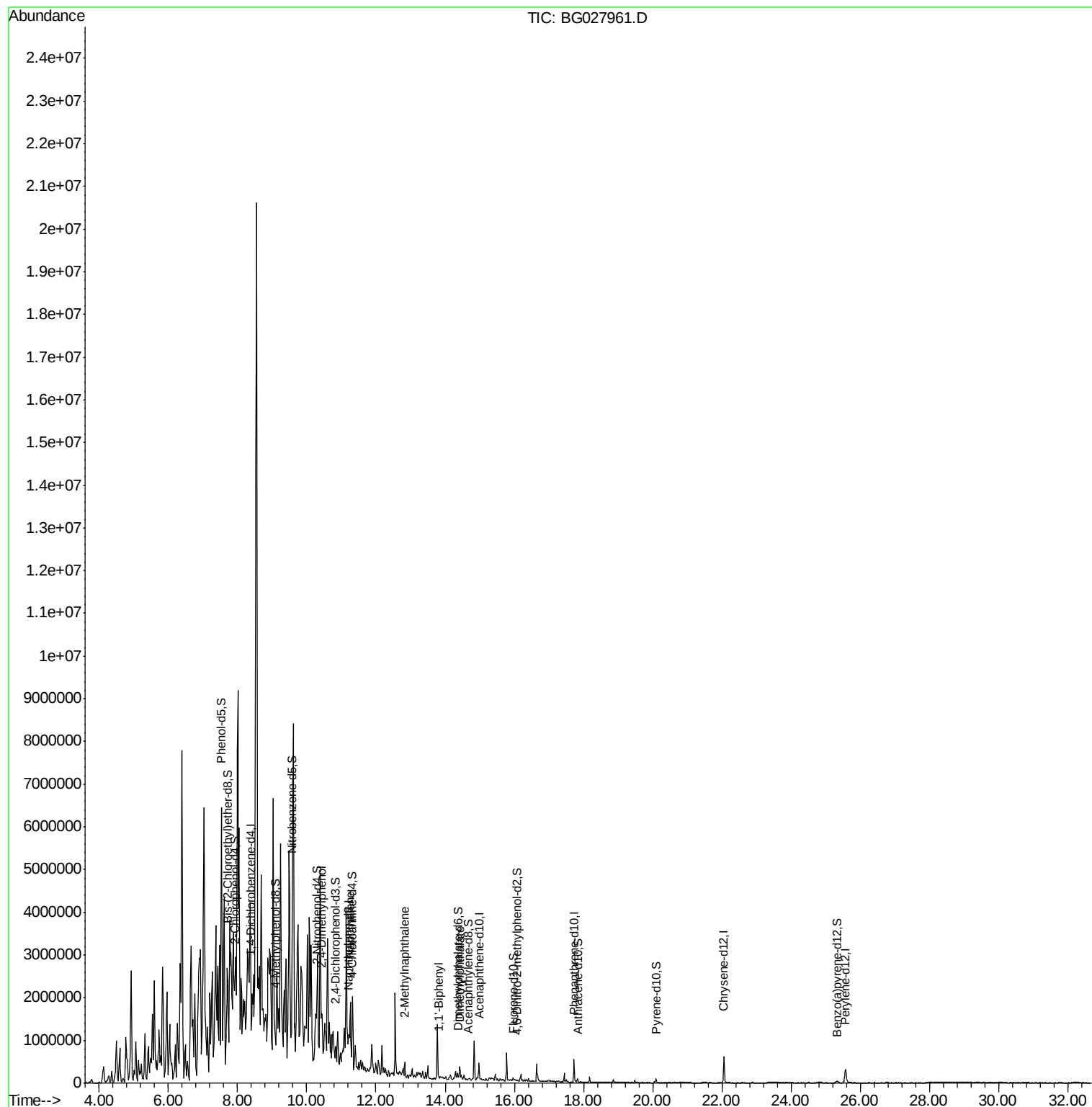
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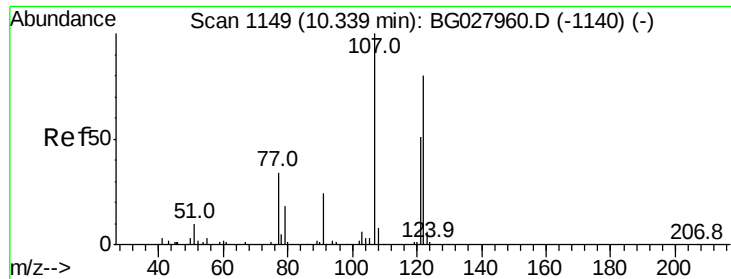
Instrument :
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#24

2,4-Dimethylphenol

Concen: 28.017 ng/ul m

RT: 10.42 min Scan# 1163

Delta R.T. 0.08 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

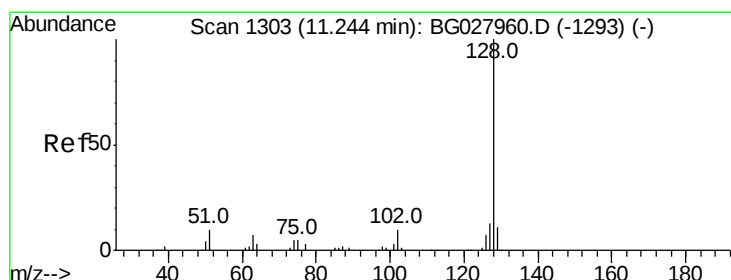
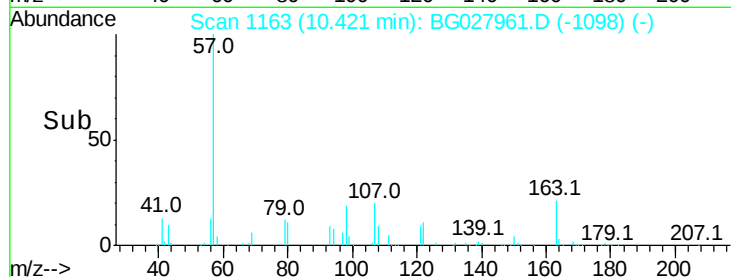
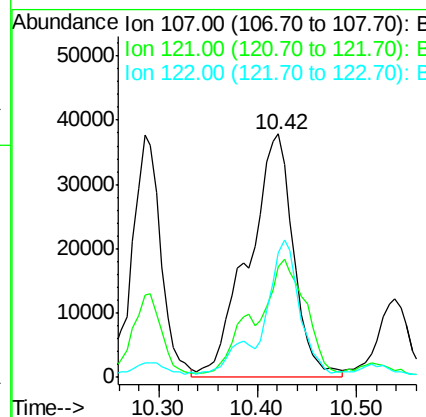
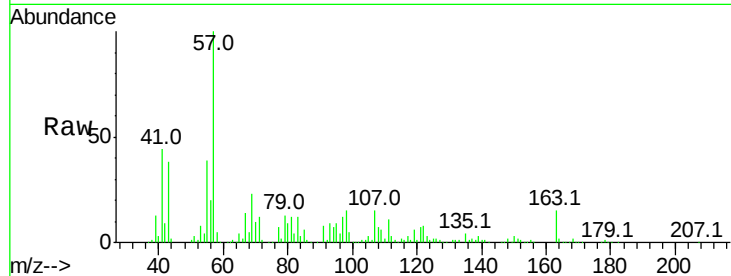
ClientSampled :

BC2Y8DL

Tot Ion	Ratio	Lower	Upper
107	100		
121	45.5	32.3	48.5
122	51.1	61.2	91.8#

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#28

Naphthalene

Concen: 64.477 ng/ul

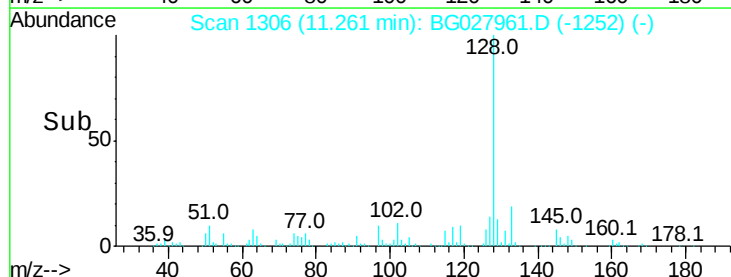
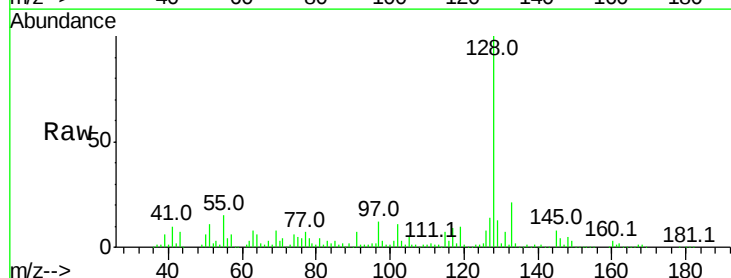
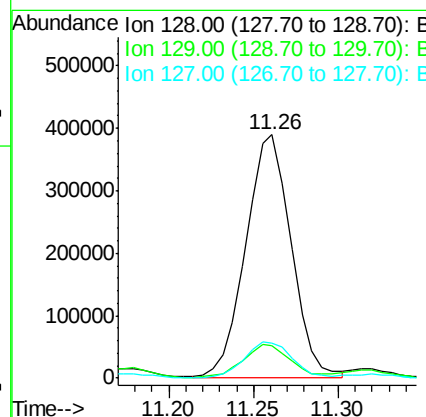
RT: 11.26 min Scan# 1306

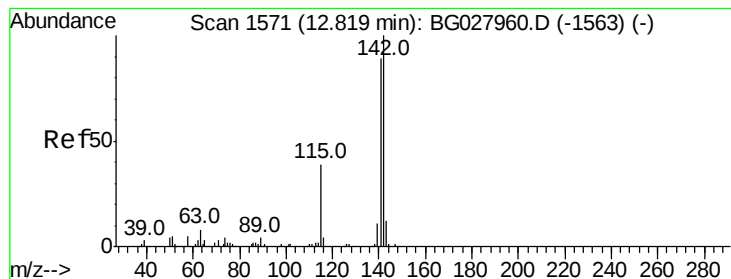
Delta R.T. 0.02 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.2
127	14.2	10.3	15.5





#34

2-Methylnaphthalene

Concen: 19.987 ng/ul

RT: 12.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampleId :

BC2Y8DL

Tot Ion:142 Resp: 183280

Ion Ratio Lower Upper

142 100

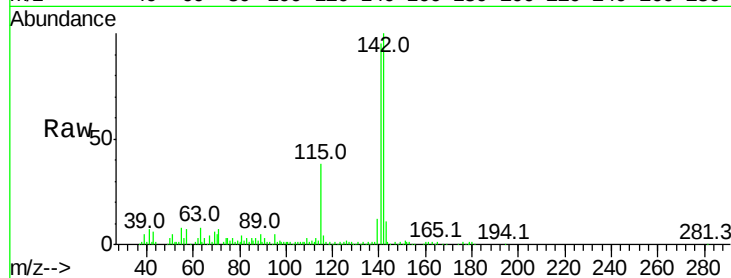
141 95.4 68.6 102.8

Manual Integrations

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.83

100000

80000

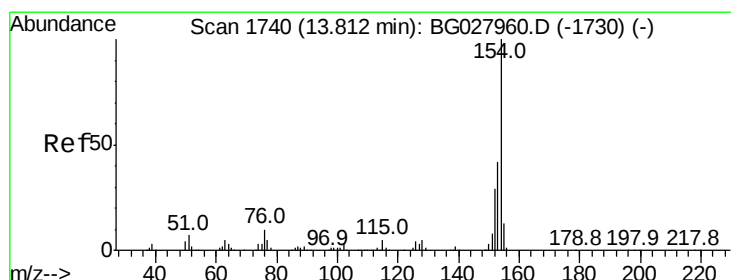
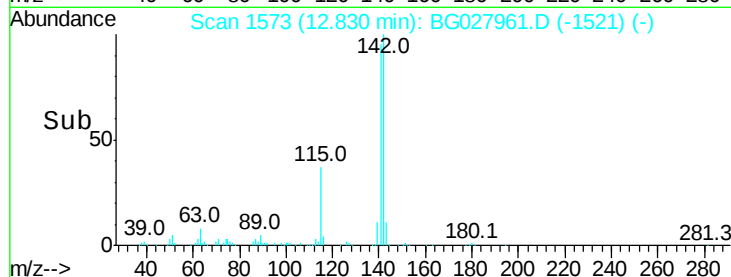
60000

40000

20000

0

Time-->



#40

1,1'-Biphenyl

Concen: 1.407 ng/ul

RT: 13.82 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

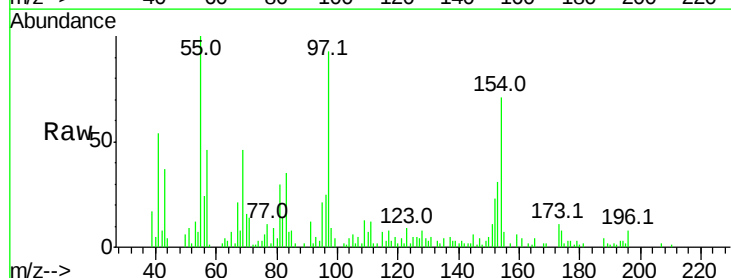
Tgt Ion:154 Resp: 15626

Ion Ratio Lower Upper

154 100

153 43.1 32.2 48.2

76 7.8 9.6 14.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

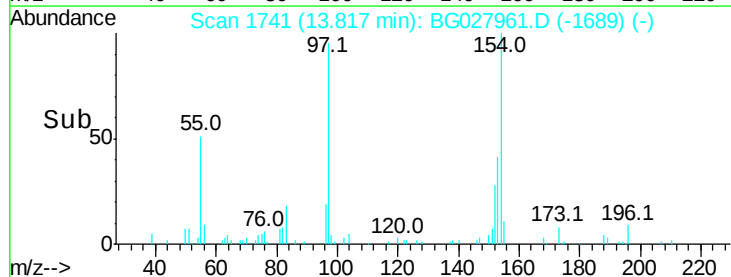
13.82

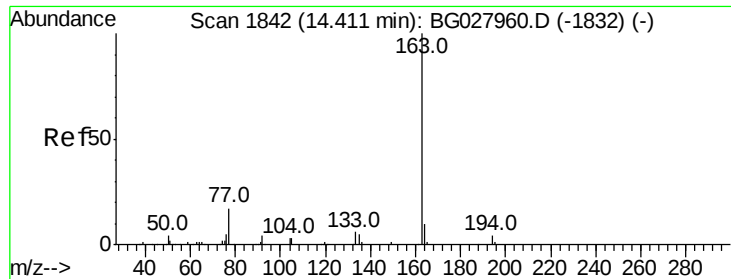
10000

5000

0

Time-->





#44

Dimethylphthalate

Concen: 1.247 ng/ul

RT: 14.42 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampleId :

BC2Y8DL

Tot Ion:	163	Resp:	14312
Ion Ratio	Lower	Upper	
163	100		
194	8.8	3.4	5.0#
164	8.2	9.0	13.4#

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