

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028425.D
 Acq On : 22 Aug 2017 19:18
 Operator : SJ/JU
 Sample : I4827-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AA8

Quant Time: Aug 23 03:48:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	28485	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	126205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	98749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	547050	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	265227	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	262511	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	4603	7.53	ng/uL	0.00
5) Phenol-d5	7.49	99	111594	35.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	71926	36.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	83265	42.19	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	89688	34.30	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	43726	44.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	54321	50.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	102846	45.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	171797	68.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	369439	42.06	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	436494	44.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	51668	37.00	ng/ul	0.00
57) Fluorene-d10	15.94	176	334048	42.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	255	0.07	ng/ul	0.08
70) Anthracene-d10	17.80	188	547050	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	600919	44.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	544408	44.30	ng/ul	0.00

Target Compounds

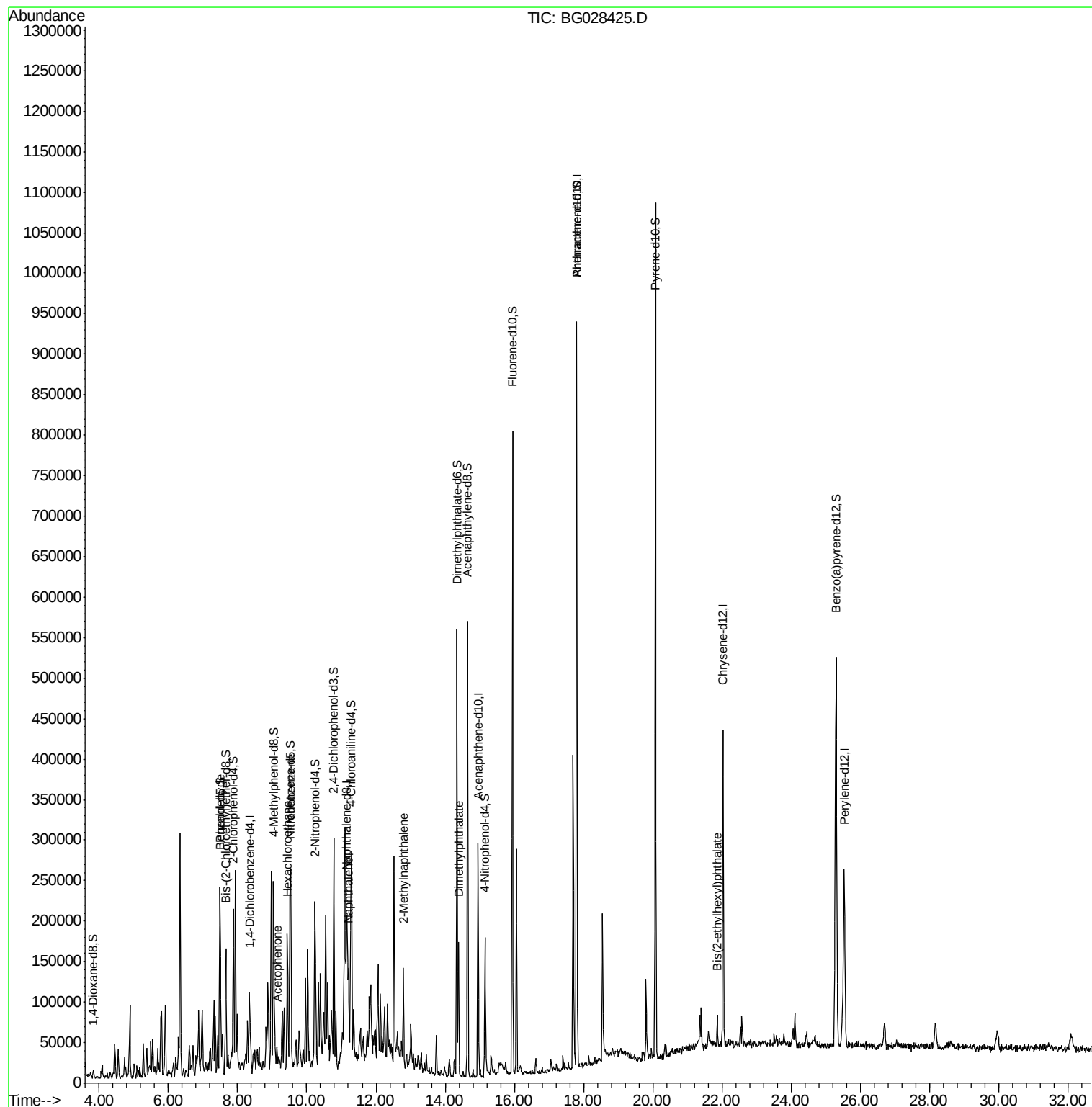
					Ovalue	
4) Benzaldehyde	7.48	77	2762	1.528	ng/ul#	1
14) Acetophenone	9.15	105	23016	6.172	ng/ul#	25
17) Hexachloroethane	9.45	117	17338	21.755	ng/ul#	1
20) Nitrobenzene	9.54	77	3796	1.329	ng/ul#	23
28) Naphthalene	11.21	128	8319	1.331	ng/ul#	1
34) 2-Methylnaphthalene	12.79	142	56015	11.157	ng/ul	96
44) Dimethylphthalate	14.39	163	103305	12.774	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	13606	1.614	ng/ul#	97

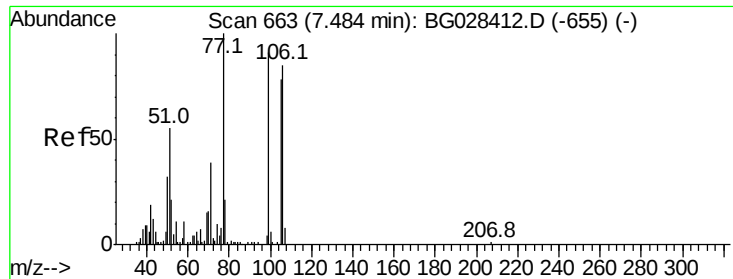
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.528 ng/ul

RT: 7.48 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028425.D

Acq: 22 Aug 2017 19:18

Instrument :

BNA_G

ClientSampleId :

B0AA8

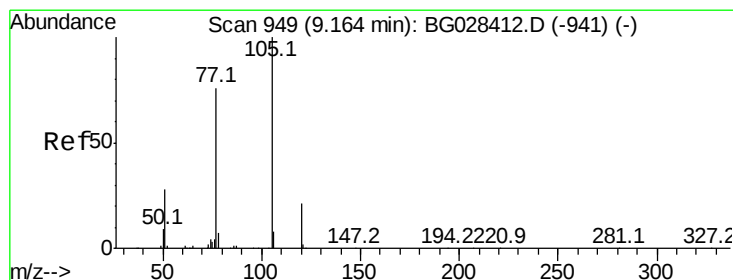
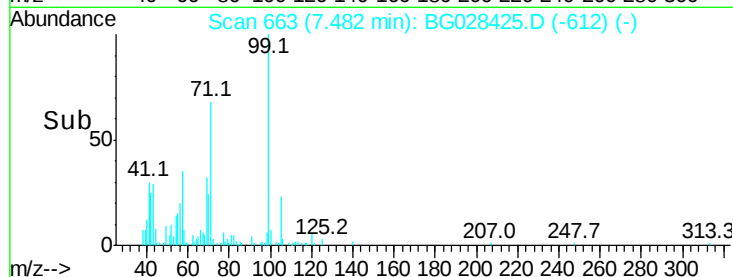
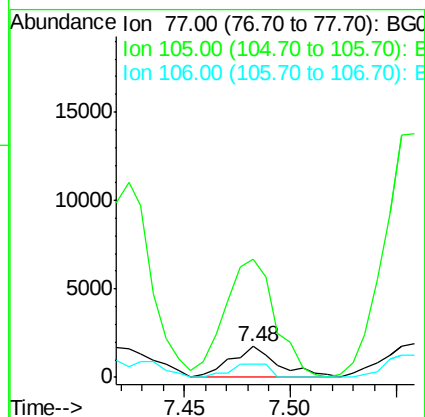
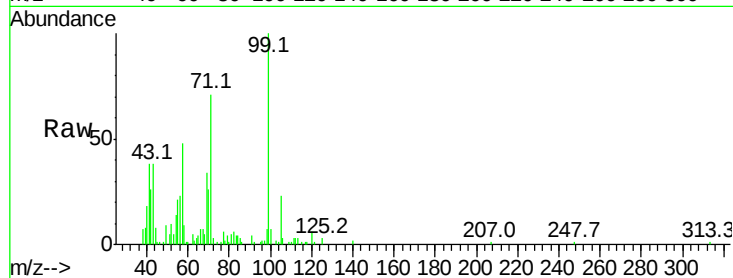
Tot Ion: 77 Resp: 2762

Ion Ratio Lower Upper

77 100

105 385.6 62.0 93.0#

106 42.3 60.2 90.4#



#14

Acetophenone

Concen: 6.172 ng/ul

RT: 9.15 min Scan# 946

Delta R.T. -0.02 min

Lab File: BG028425.D

Acq: 22 Aug 2017 19:18

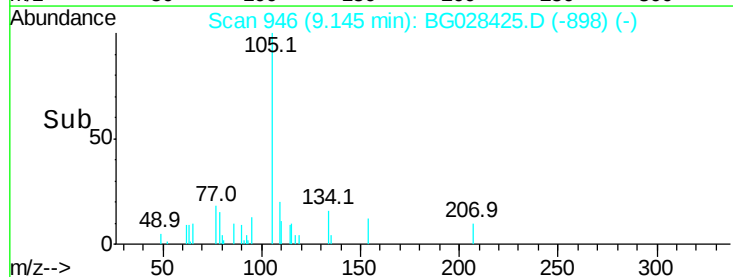
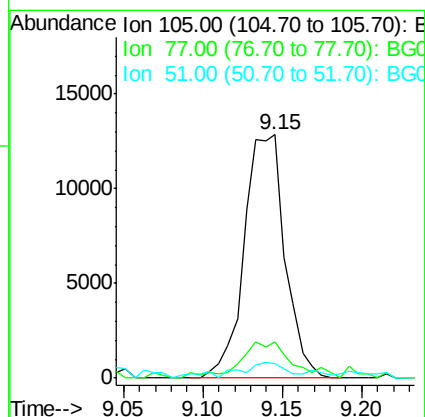
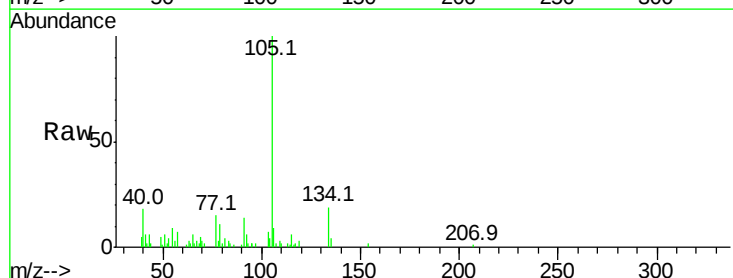
Tgt Ion: 105 Resp: 23016

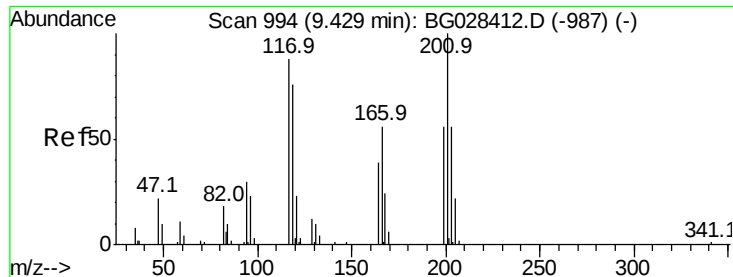
Ion Ratio Lower Upper

105 100

77 14.8 76.0 114.0#

51 5.8 34.8 52.2#





#17

Hexachloroethane

Concen: 21.755 ng/ul

RT: 9.45 min Scan# 998

Delta R.T. 0.02 min

Lab File: BG028425.D

Acq: 22 Aug 2017 19:18

Instrument :

BNA_G

ClientSampleId :

B0AA8

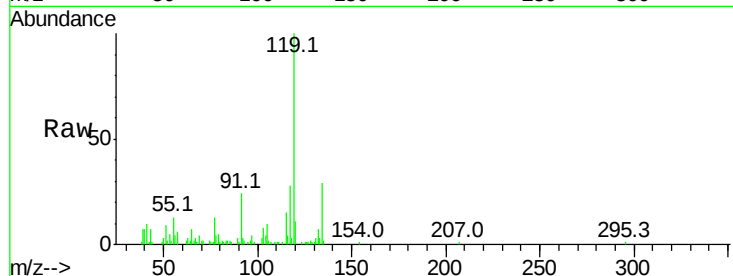
Tot Ion:117 Resp: 17338

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

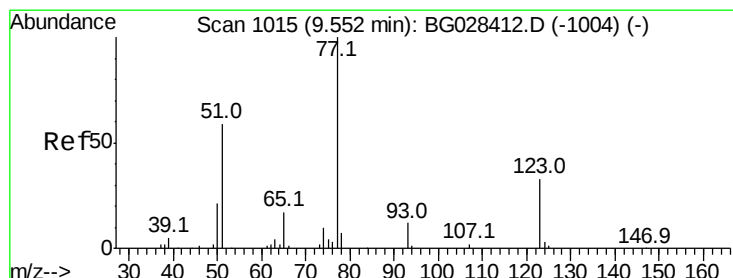
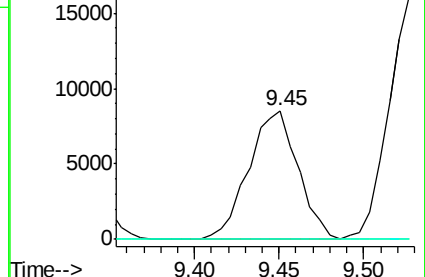
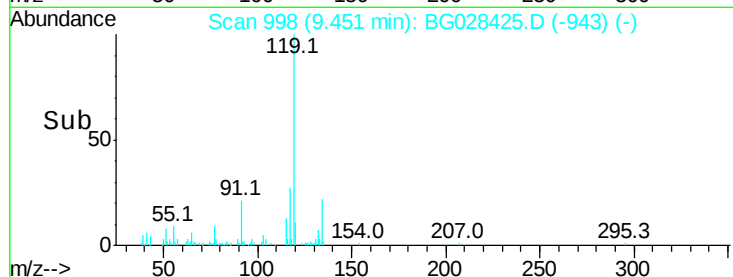
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 1.329 ng/ul

RT: 9.54 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG028425.D

Acq: 22 Aug 2017 19:18

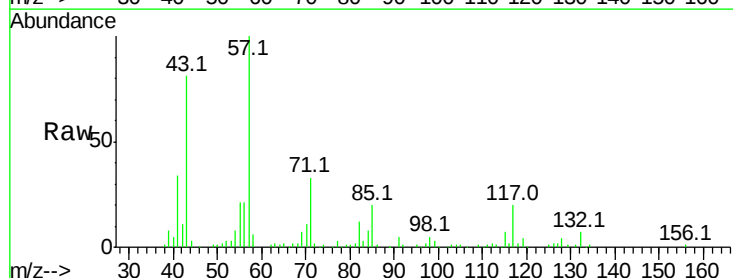
Tgt Ion: 77 Resp: 3796

Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

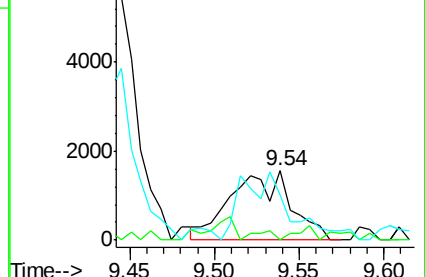
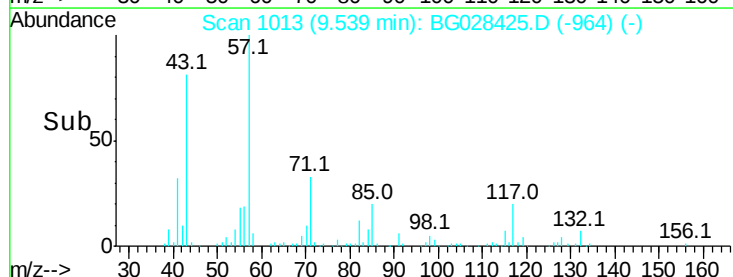
65 65.0 13.3 19.9#

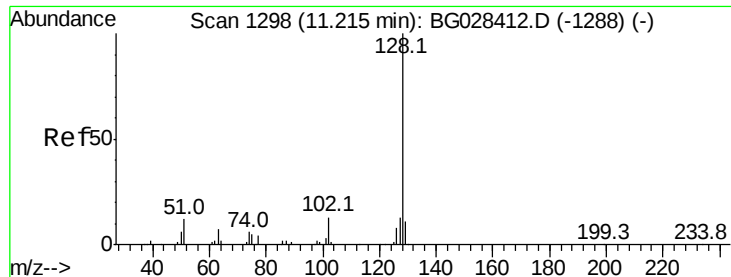


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#28

Naphthalene

Concen: 1.331 ng/ul

RT: 11.21 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG028425.D

Acq: 22 Aug 2017 19:18

Instrument :

BNA_G

ClientSampleId :

B0AA8

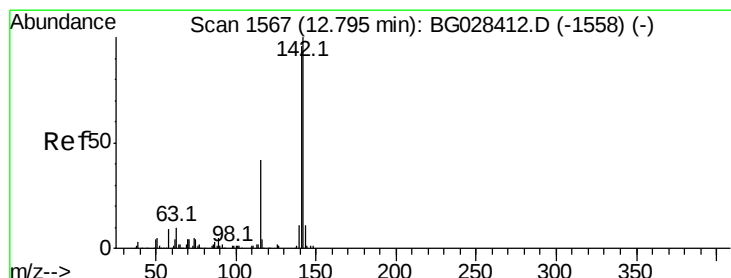
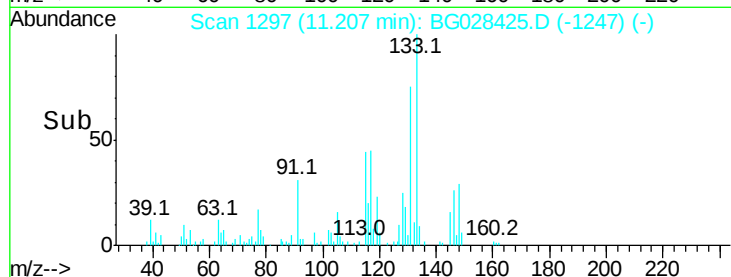
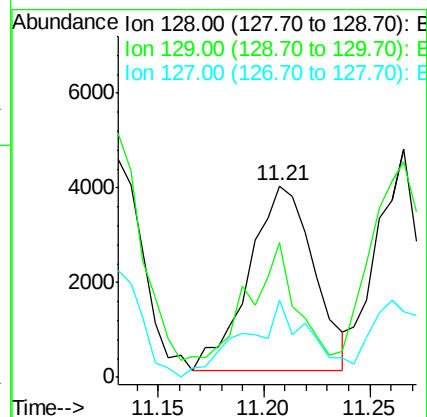
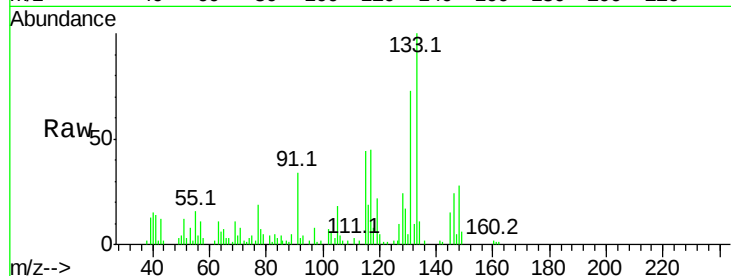
Tot Ion:128 Resp: 8319

Ion Ratio Lower Upper

128 100

129 70.6 9.4 14.2#

127 40.1 10.3 15.5#



#34

2-Methylnaphthalene

Concen: 11.157 ng/ul

RT: 12.79 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BG028425.D

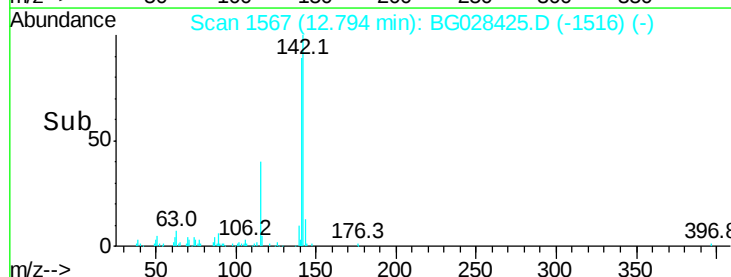
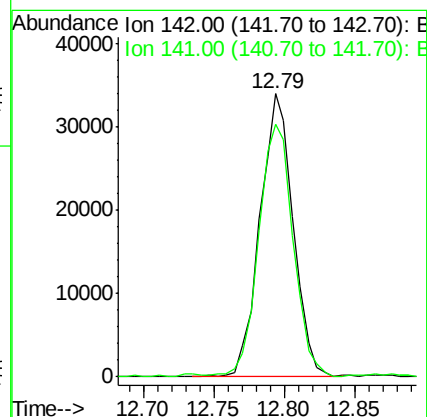
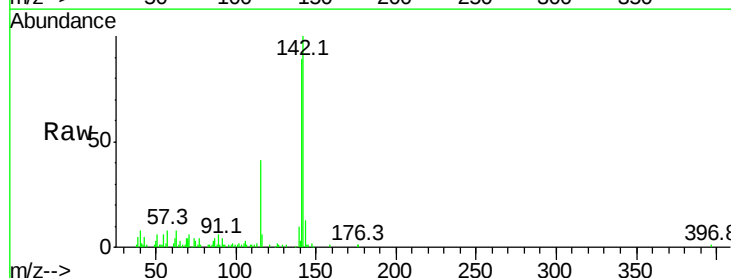
Acq: 22 Aug 2017 19:18

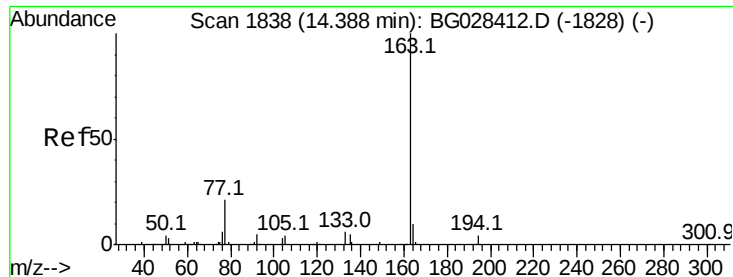
Tgt Ion:142 Resp: 56015

Ion Ratio Lower Upper

142 100

141 89.3 68.6 102.8

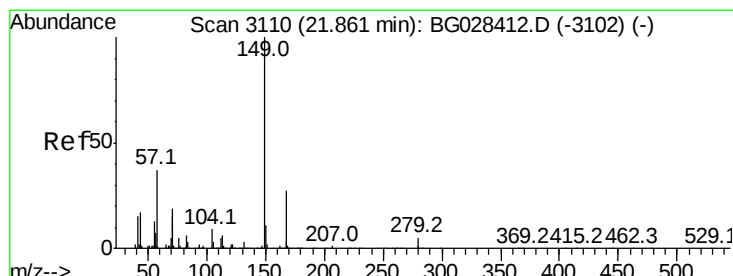
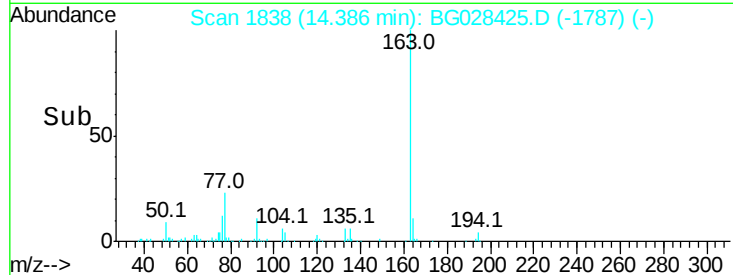
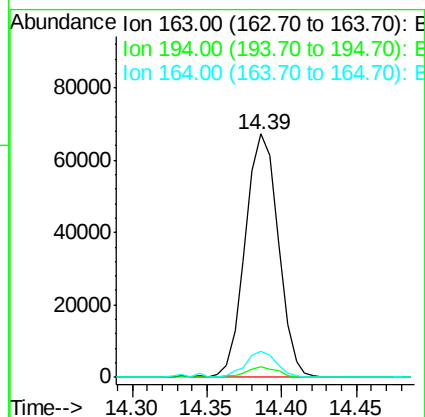
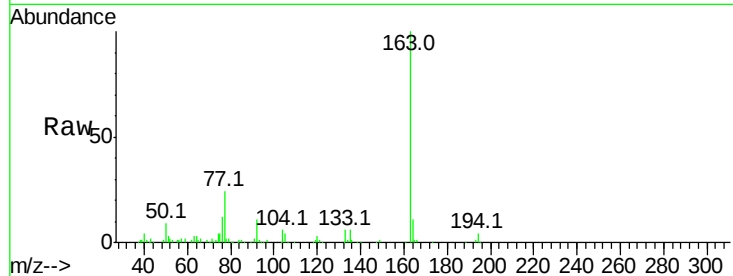




#44
 Dimethylphthalate
 Concen: 12.774 ng/ul
 RT: 14.39 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG028425.D
 Acq: 22 Aug 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 B0AA8

Tot Ion:163	Resp:	103305
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.4 5.0
164	10.8	9.0 13.4



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.614 ng/ul
 RT: 21.87 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BG028425.D
 Acq: 22 Aug 2017 19:18

Tgt Ion:149	Resp:	13606
Ion Ratio	Lower	Upper
149	100	
167	29.1	21.8 32.8
279	4.5	4.5 6.7#

