

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028298.D
 Acq On : 11 Aug 2017 20:16
 Operator : SJ/JU
 Sample : I4521-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC8B8

Quant Time: Aug 12 00:22:50 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 22:57:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	53835	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	236070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	145685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	325468	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	370049	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	378430	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2359	2.04	ng/uL	0.00
5) Phenol-d5	7.50	99	66131	11.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	47804	12.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	55288	14.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	57495	11.64	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	29203	15.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	36027	17.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	64865	15.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	30059	6.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	222675	17.18	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	253408	17.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	22227	10.79	ng/ul	0.01
57) Fluorene-d10	15.95	176	195804	16.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	29448	13.93	ng/ul	0.00
70) Anthracene-d10	17.81	188	303711	19.46	ng/ul	0.00
76) Pyrene-d10	20.08	212	348348	18.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	326790	18.45	ng/ul	0.02

Target Compounds

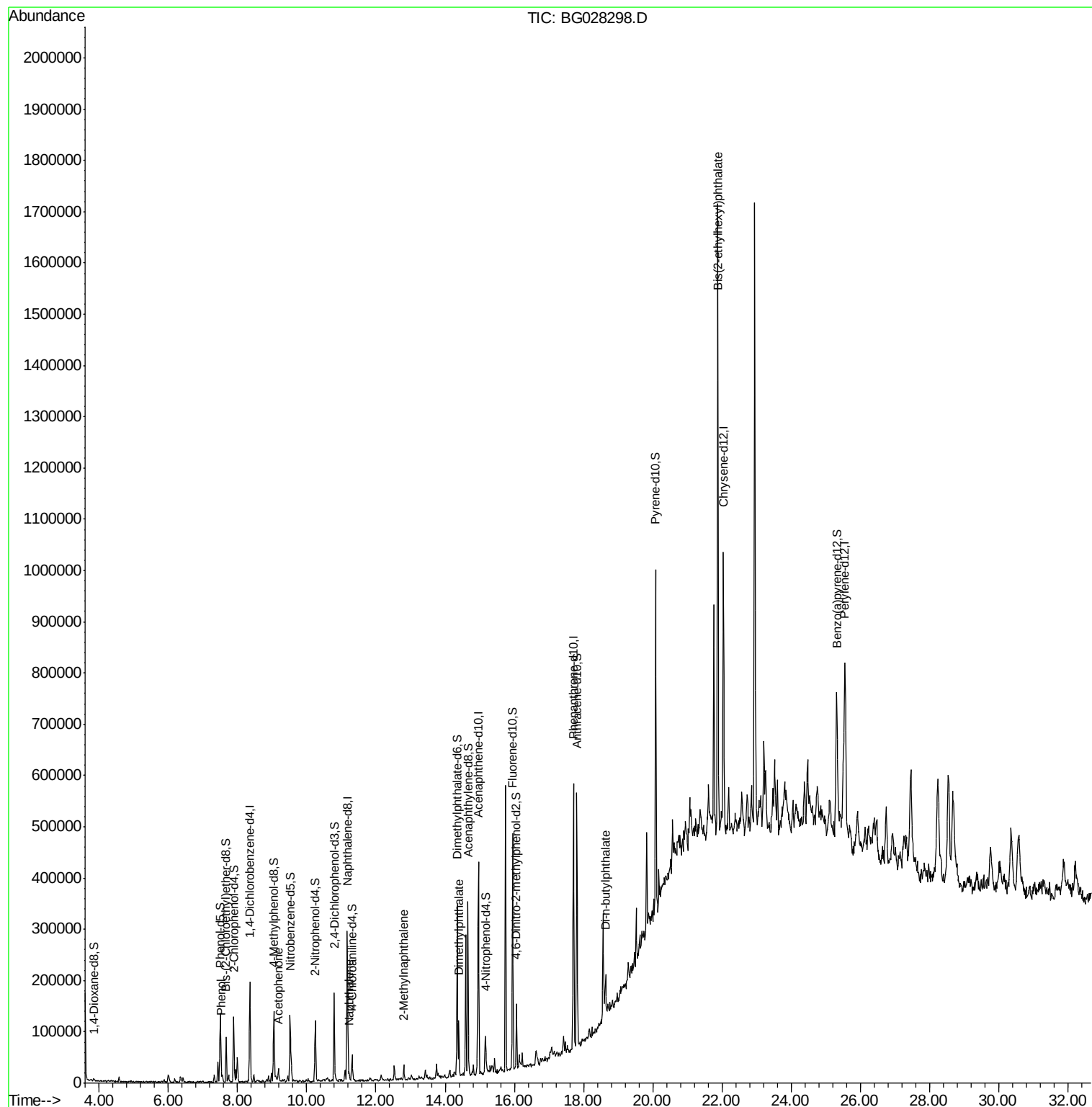
					Qvalue
6) Phenol	7.53	94	7794	1.326 ng/ul	96
14) Acetophenone	9.18	105	16464	2.336 ng/ul#	78
28) Naphthalene	11.23	128	13351	1.142 ng/ul	95
34) 2-Methylnaphthalene	12.81	142	12750	1.358 ng/ul	82
44) Dimethylphthalate	14.39	163	64693	5.422 ng/ul	97
73) Di-n-butylphthalate	18.64	149	45116	2.489 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.89	149	510833	43.429 ng/ul	97

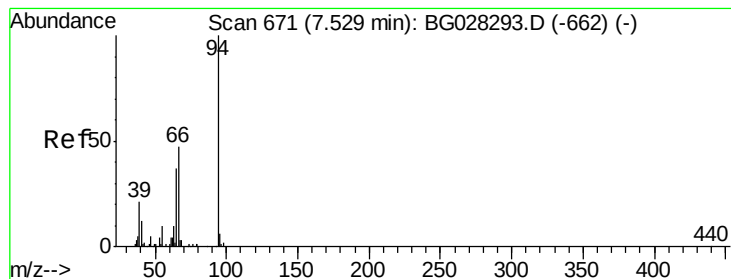
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.326 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG028298.D

Acq: 11 Aug 2017 20:16

Instrument :

BNA_G

ClientSampleId :

BC8B8

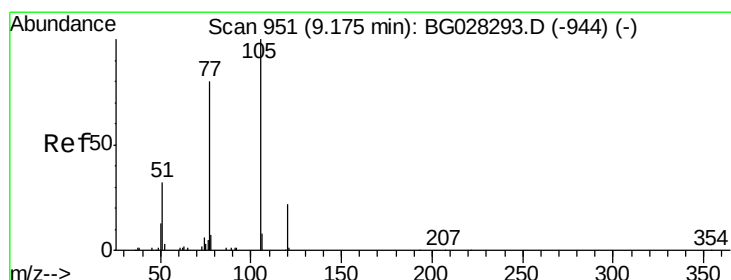
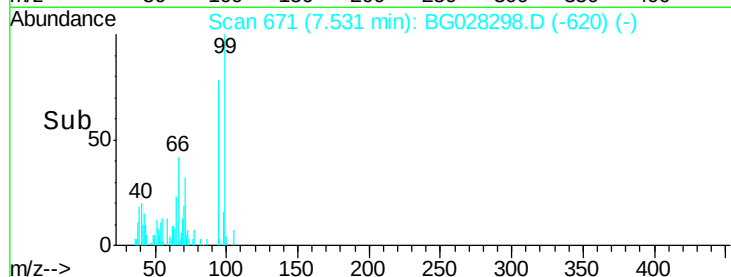
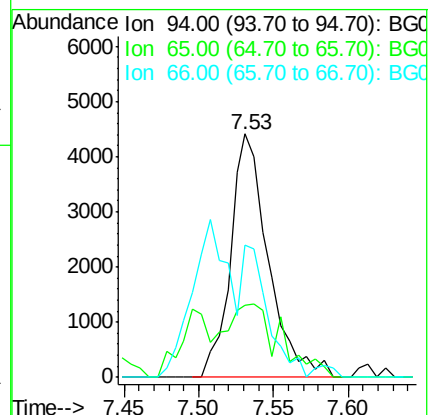
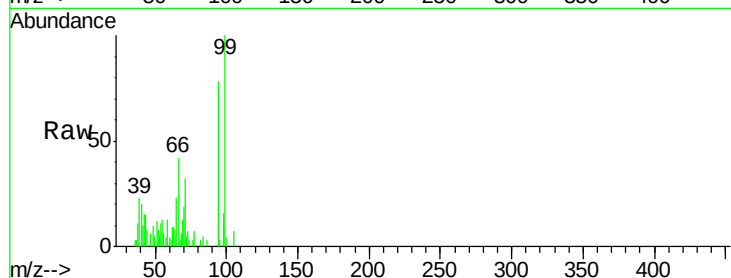
Tgt Ion: 94 Resp: 7794

Ion Ratio Lower Upper

94 100

65 29.5 26.8 40.2

66 54.3 44.4 66.6



#14

Acetophenone

Concen: 2.336 ng/ul

RT: 9.18 min Scan# 951

Delta R.T. 0.00 min

Lab File: BG028298.D

Acq: 11 Aug 2017 20:16

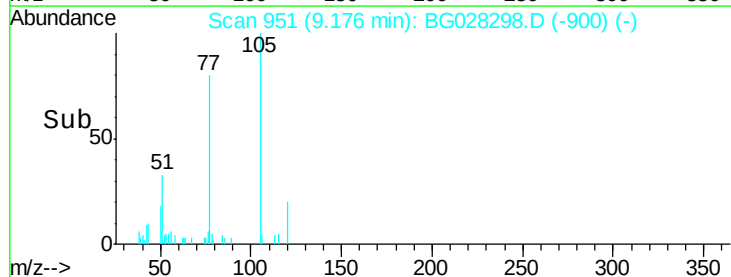
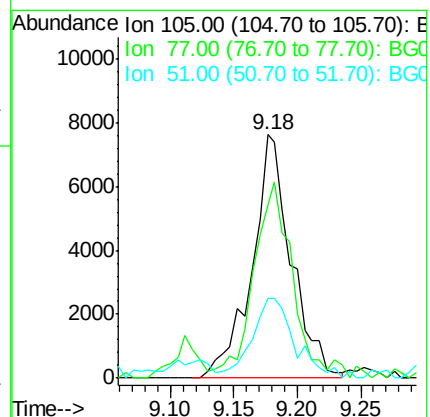
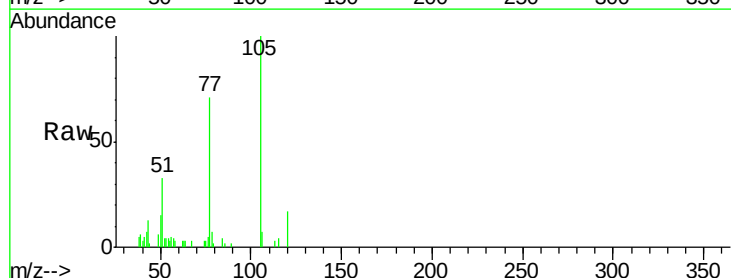
Tgt Ion: 105 Resp: 16464

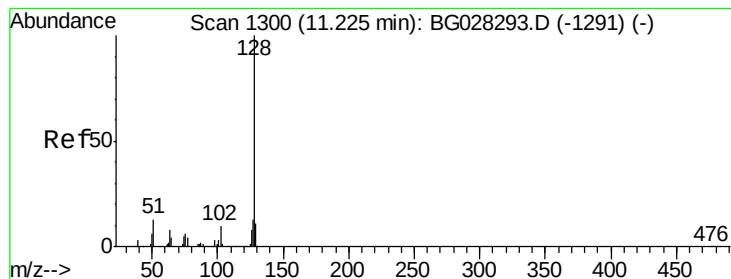
Ion Ratio Lower Upper

105 100

77 71.2 76.0 114.0#

51 32.9 34.8 52.2#





#28

Naphthalene

Concen: 1.142 ng/ul

RT: 11.23 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG028298.D

Acq: 11 Aug 2017 20:16

Instrument :

BNA_G

ClientSampleId :

BC8B8

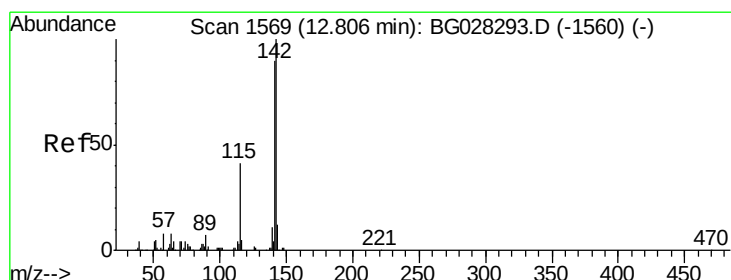
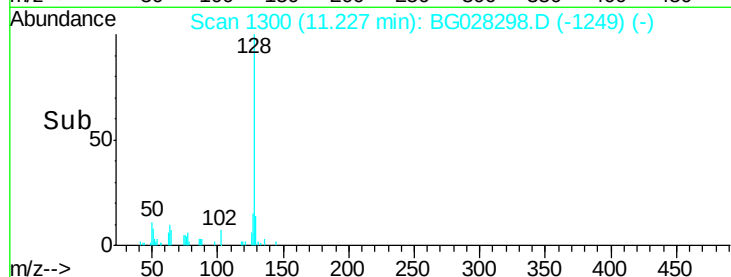
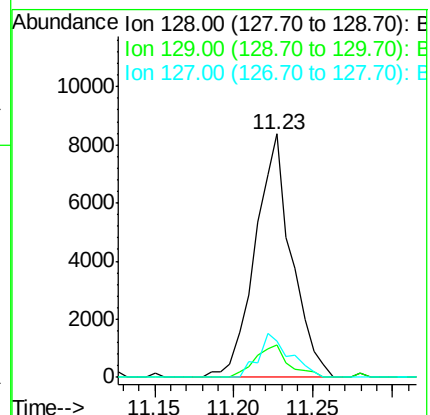
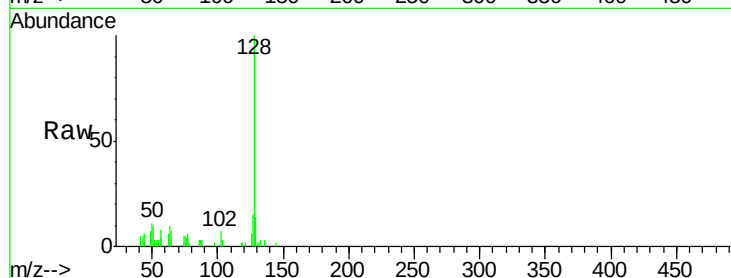
Tgt Ion:128 Resp: 13351

Ion Ratio Lower Upper

128 100

129 13.6 9.4 14.2

127 15.1 10.3 15.5



#34

2-Methylnaphthalene

Concen: 1.358 ng/ul

RT: 12.81 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BG028298.D

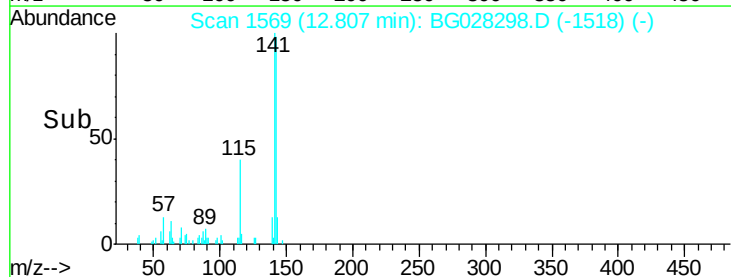
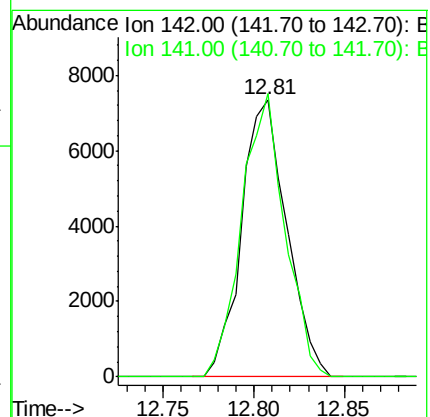
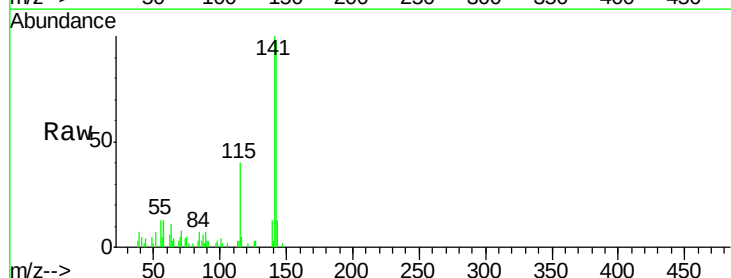
Acq: 11 Aug 2017 20:16

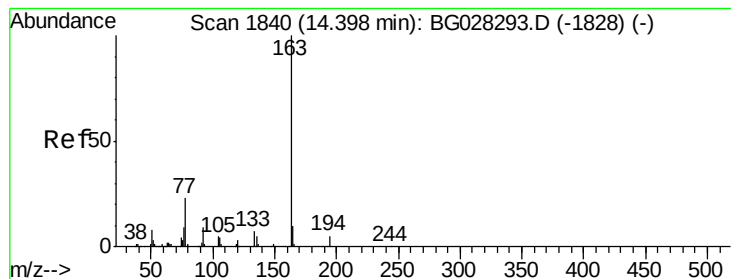
Tgt Ion:142 Resp: 12750

Ion Ratio Lower Upper

142 100

141 102.0 68.6 102.8





#44

Dimethylphthalate

Concen: 5.422 ng/ul

RT: 14.39 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG028298.D

Acq: 11 Aug 2017 20:16

Instrument :

BNA_G

ClientSampleId :

BC8B8

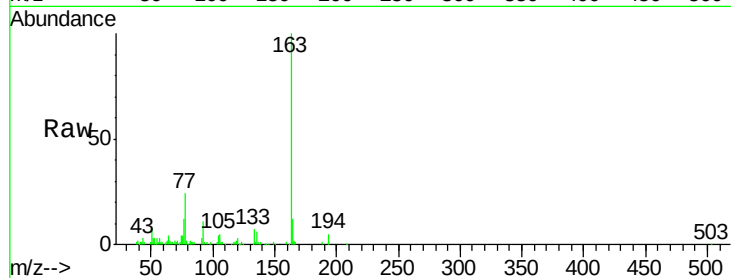
Tgt Ion:163 Resp: 64693

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

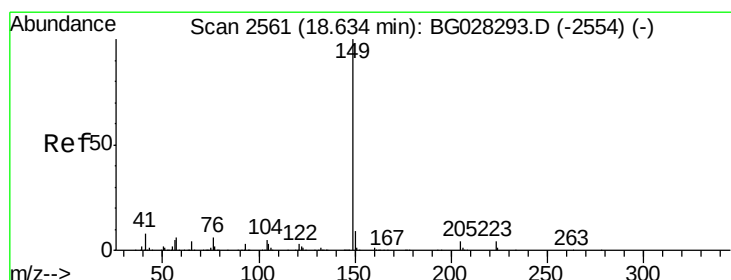
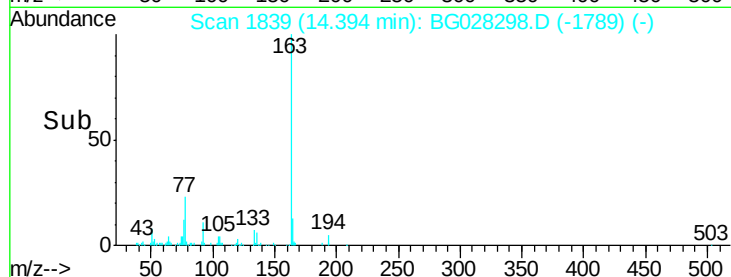
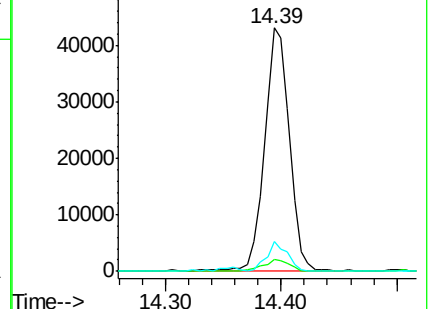
164 12.5 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

Di-n-butylphthalate

Concen: 2.489 ng/ul

RT: 18.64 min Scan# 2561

Delta R.T. 0.00 min

Lab File: BG028298.D

Acq: 11 Aug 2017 20:16

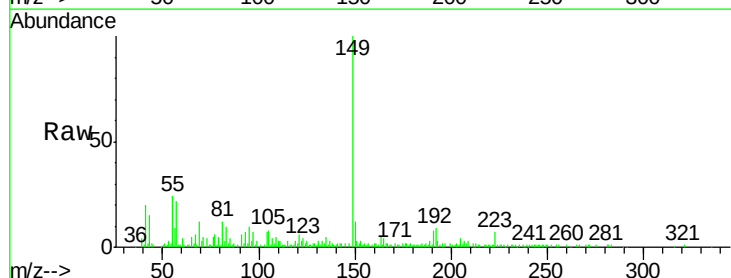
Tgt Ion:149 Resp: 45116

Ion Ratio Lower Upper

149 100

150 11.6 7.9 11.9

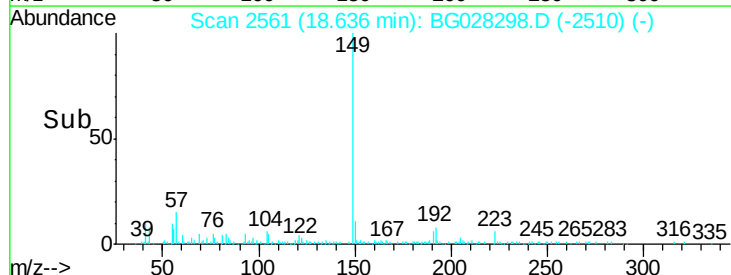
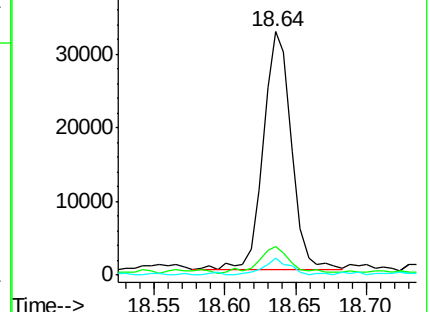
104 6.8 5.8 8.8

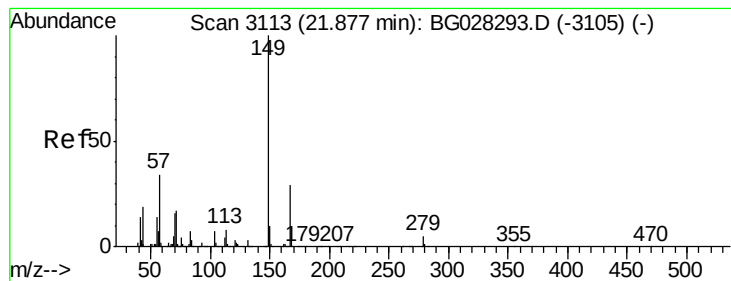


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 43.429 ng/ul

RT: 21.89 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BG028298.D

Acq: 11 Aug 2017 20:16

Instrument :

BNA_G

ClientSampleId :

BC8B8

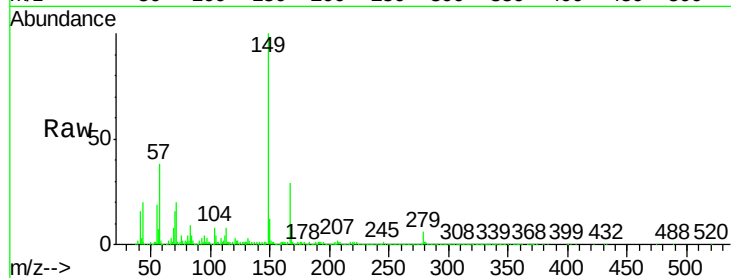
Tgt Ion:149 Resp: 510833

Ion Ratio Lower Upper

149 100

167 29.4 21.8 32.8

279 5.8 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

