

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028297.D
 Acq On : 11 Aug 2017 19:37
 Operator : SJ/JU
 Sample : I4521-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC8B7

Manual Integrations
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Quant Time: Aug 12 00:03:13 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	8.36	152	55319	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	250417	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	162615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	350186m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	405939	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	410079	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	1643	1.38	ng/uL	0.00
5) Phenol-d5	7.50	99	48023	7.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	31568	8.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	34928	9.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	37272	7.34	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	18794	9.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	20650	9.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	42019	9.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	20205	4.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	156276	10.80	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	167675	10.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	14138	6.15	ng/ul	0.00
57) Fluorene-d10	15.95	176	132721	10.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	15562m	6.84	ng/ul	0.00
70) Anthracene-d10	17.80	188	186892	11.13	ng/ul	0.00
76) Pyrene-d10	20.08	212	233908	11.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	212605	11.07	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	11.22	128	27836	2.244	ng/ul#	95
34) 2-Methylnaphthalene	12.80	142	49320	4.951	ng/ul	90
40) 1,1'-Biphenyl	13.79	154	22655	1.908	ng/ul	96
44) Dimethylphthalate	14.40	163	48257	3.624	ng/ul#	97
69) Phenanthrene	17.74	178	26763	1.519	ng/ul	94
73) Di-n-butylphthalate	18.64	149	72890	3.738	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.89	149	3119781	241.779	ng/ul#	83

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

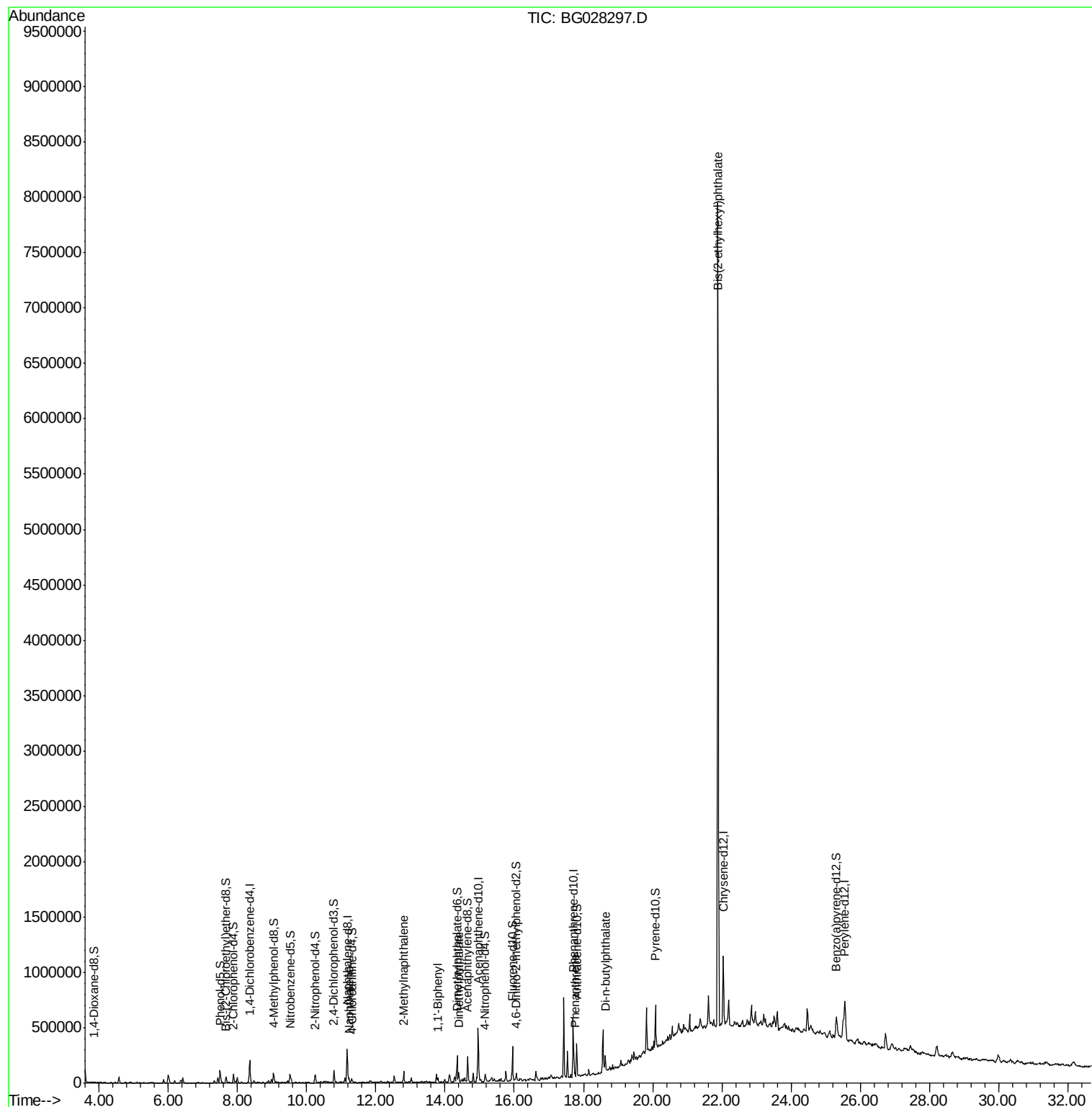
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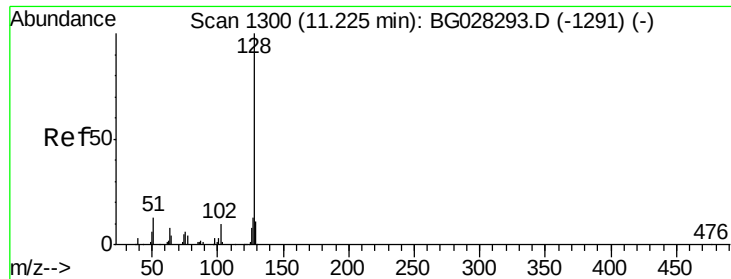
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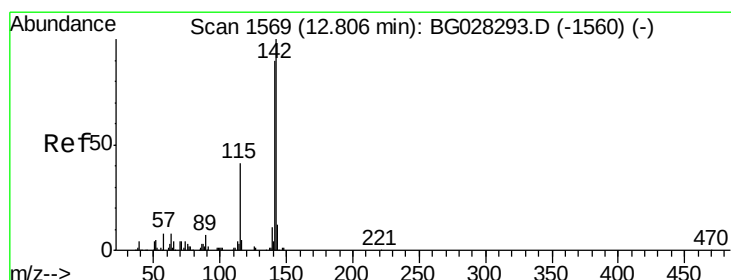
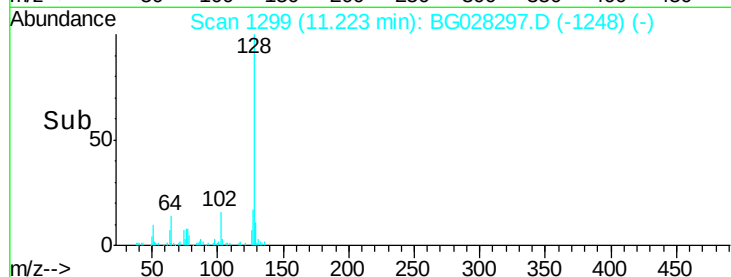
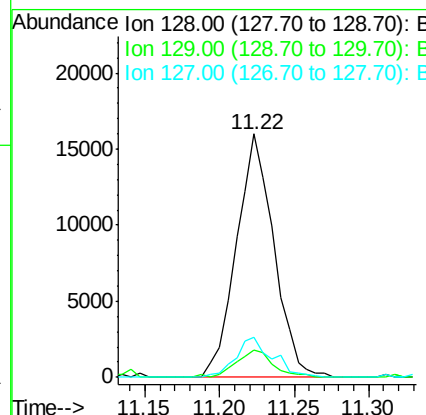
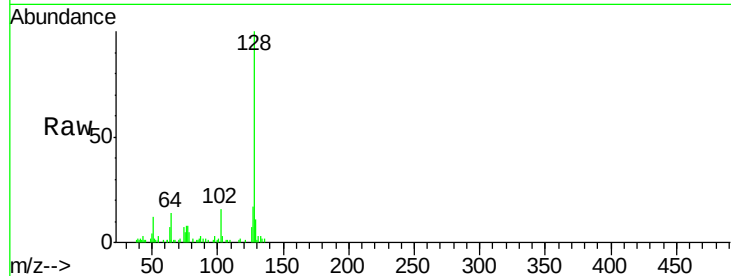
#28
Naphthalene
Concen: 2.244 ng/ul
RT: 11.22 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG028297.D
Acq: 11 Aug 2017 19:37

Instrument :
BNA_G
ClientSampleId :
BC8B7

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	27836		
129	11.4		9.4	14.2
127	16.6		10.3	15.5#

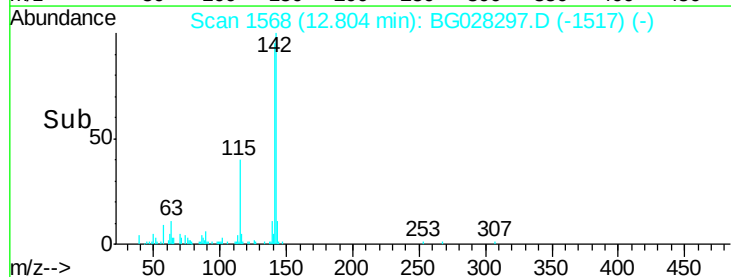
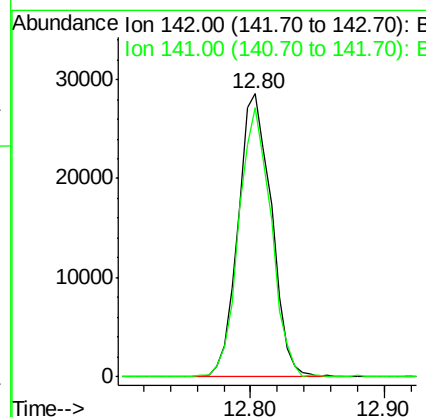
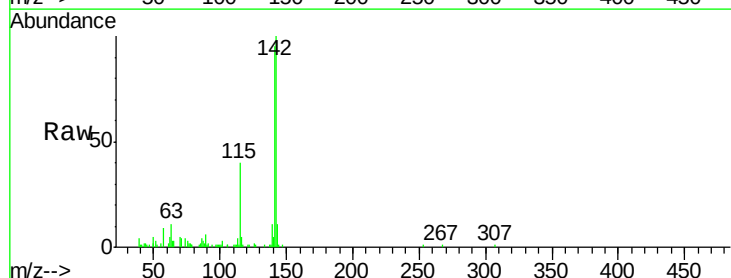
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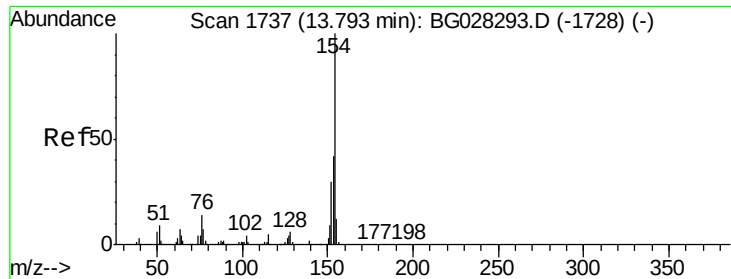
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#34
2-Methylnaphthalene
Concen: 4.951 ng/ul
RT: 12.80 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG028297.D
Acq: 11 Aug 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	49320		
141	95.0		68.6	102.8





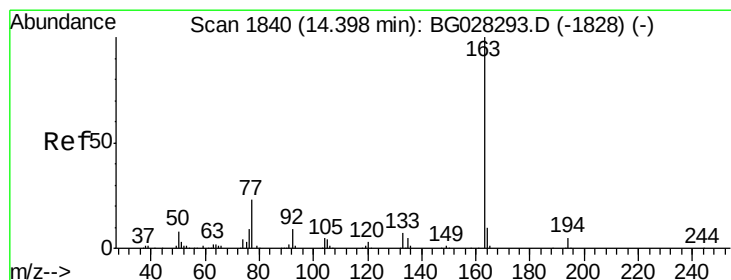
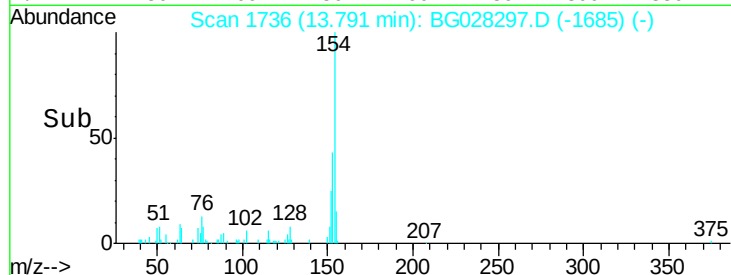
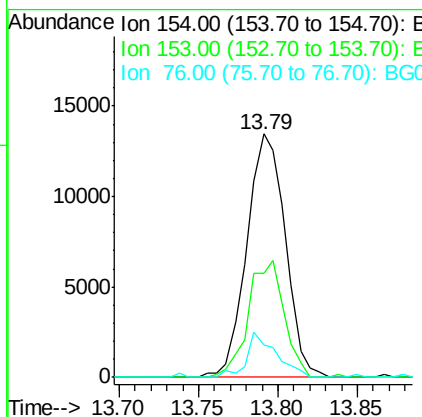
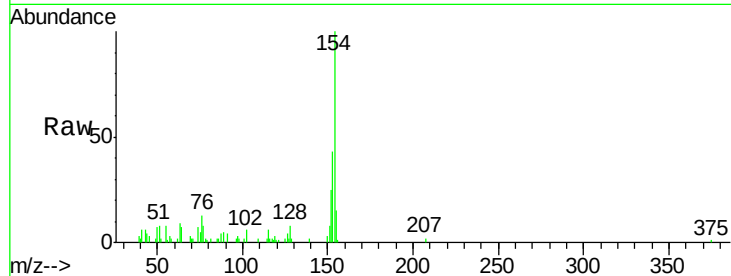
#40
 1,1'-Biphenyl
 Concen: 1.908 ng/ul
 RT: 13.79 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG028297.D
 Acq: 11 Aug 2017 19:37

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Tgt Ion:	154	Resp:	22655
Ion Ratio	Lower	Upper	
154	100		
153	42.9	32.2	48.2
76	13.4	9.6	14.4

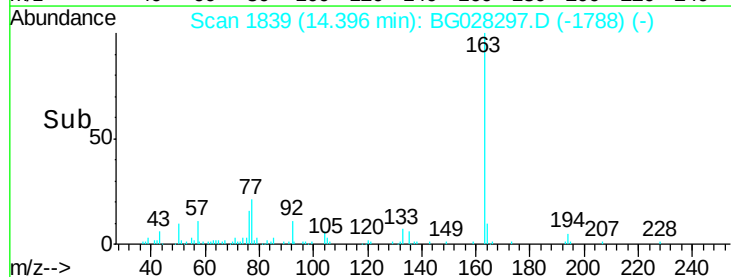
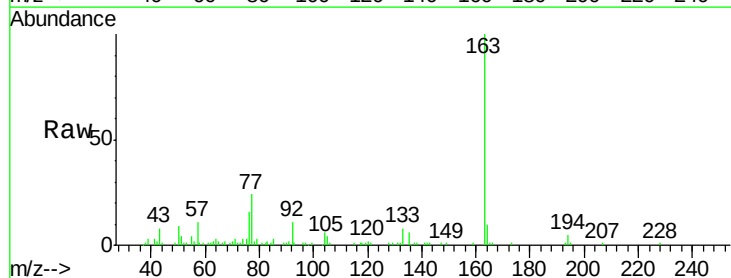
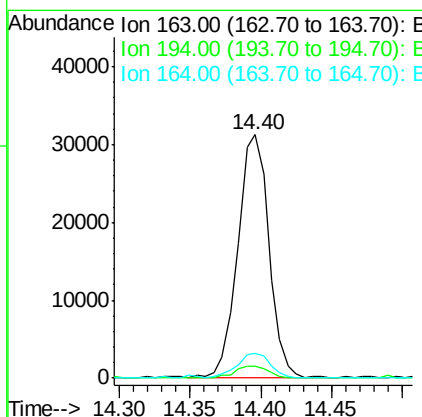
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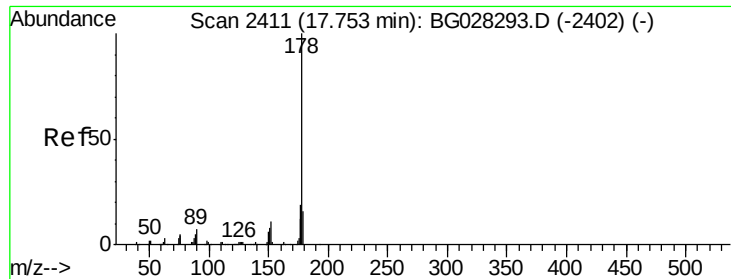
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#44
 Dimethylphthalate
 Concen: 3.624 ng/ul
 RT: 14.40 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG028297.D
 Acq: 11 Aug 2017 19:37

Tgt Ion:	163	Resp:	48257
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.0#
164	10.2	9.0	13.4





#69

Phenanthrene

Concen: 1.519 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG028297.D

Acq: 11 Aug 2017 19:37

Instrument :

BNA_G

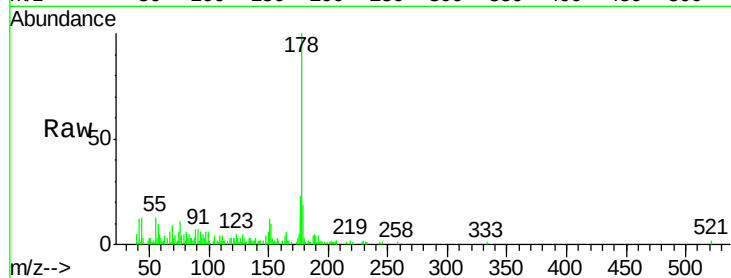
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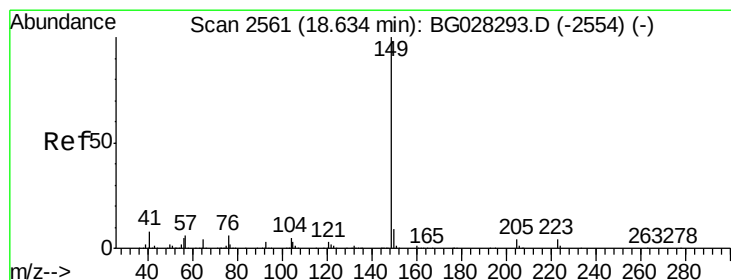
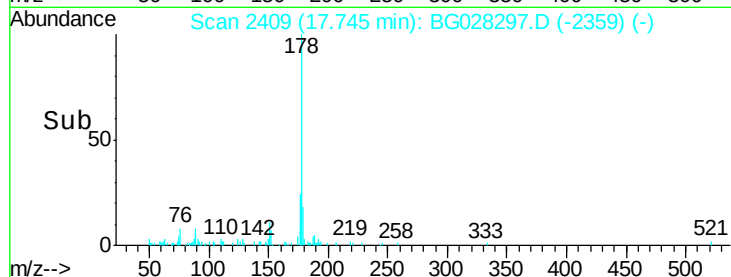
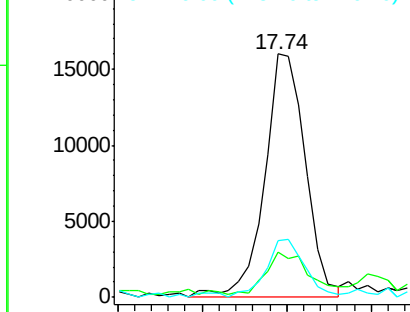
Tgt Ion:	178	Resp:	26763
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.4	18.6
176	23.4	16.5	24.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#73

Di-n-butylphthalate

Concen: 3.738 ng/ul

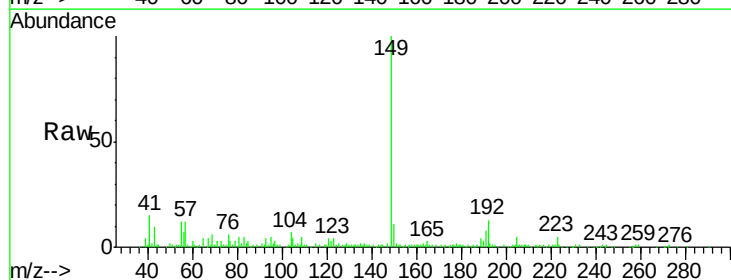
RT: 18.64 min Scan# 2561

Delta R.T. 0.00 min

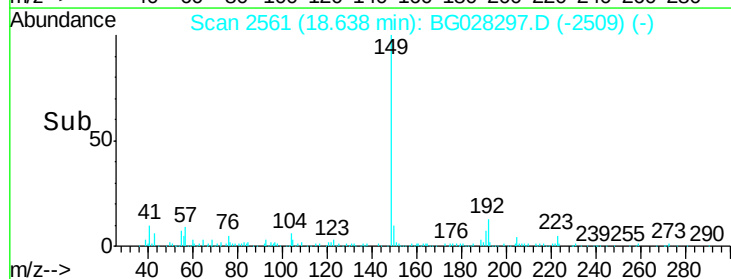
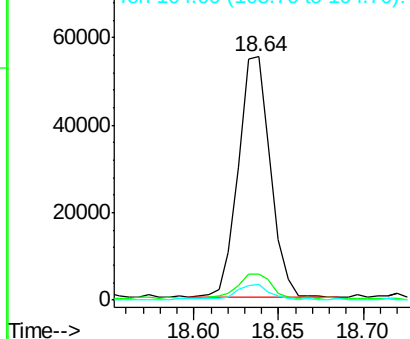
Lab File: BG028297.D

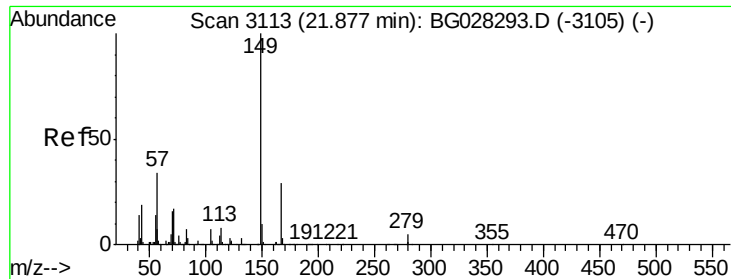
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Tgt Ion:	149	Resp:	72890
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.9	11.9
104	6.5	5.8	8.8



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: 241.779 ng/ul
 RT: 21.89 min Scan# 3115
 Delta R.T. 0.02 min
 Lab File: BG028297.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	36.8	21.8	32.8#
279	8.3	4.5	6.7#

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