

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
 Data File : BG018301.D
 Acq On : 6 Aug 2015 12:59
 Operator : UM/TP
 Sample : G3109-17DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7DL

Manual Integrations
 APPROVED

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 8/10/2015 10:12:21 AM

Quant Time: Aug 07 02:02:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 01:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	22211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	96102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	69213	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	170463	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	115222	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	87668	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	3633	2.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	2279	2.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	2928	2.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2561	1.74	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1763m	2.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	2052	2.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	3364	2.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	611	0.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	13382	2.50	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	13918	2.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	612	0.69	ng/ul	0.01
58) Fluorene-d10	15.12	176	12933	2.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	82	0.07	ng/ul	0.00
71) Anthracene-d10	16.98	188	18046	2.41	ng/ul	0.00
79) Pyrene-d10	19.29	212	17632	2.73	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.12	264	11691m	2.56	ng/ul	-0.02

Target Compounds

					Ovalue
70) Phenanthrene	16.92	178	13600	1.58	ng/ul 97
77) Fluoranthene	18.96	202	19709	2.07	ng/ul# 97
80) Pyrene	19.32	202	18037	2.25	ng/ul# 96
81) Butylbenzylphthalate	20.24	149	4851	1.56	ng/ul# 82
83) Benzo(a)anthracene	21.08	228	6399	1.05	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.02	149	135515	36.24	ng/ul 97

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

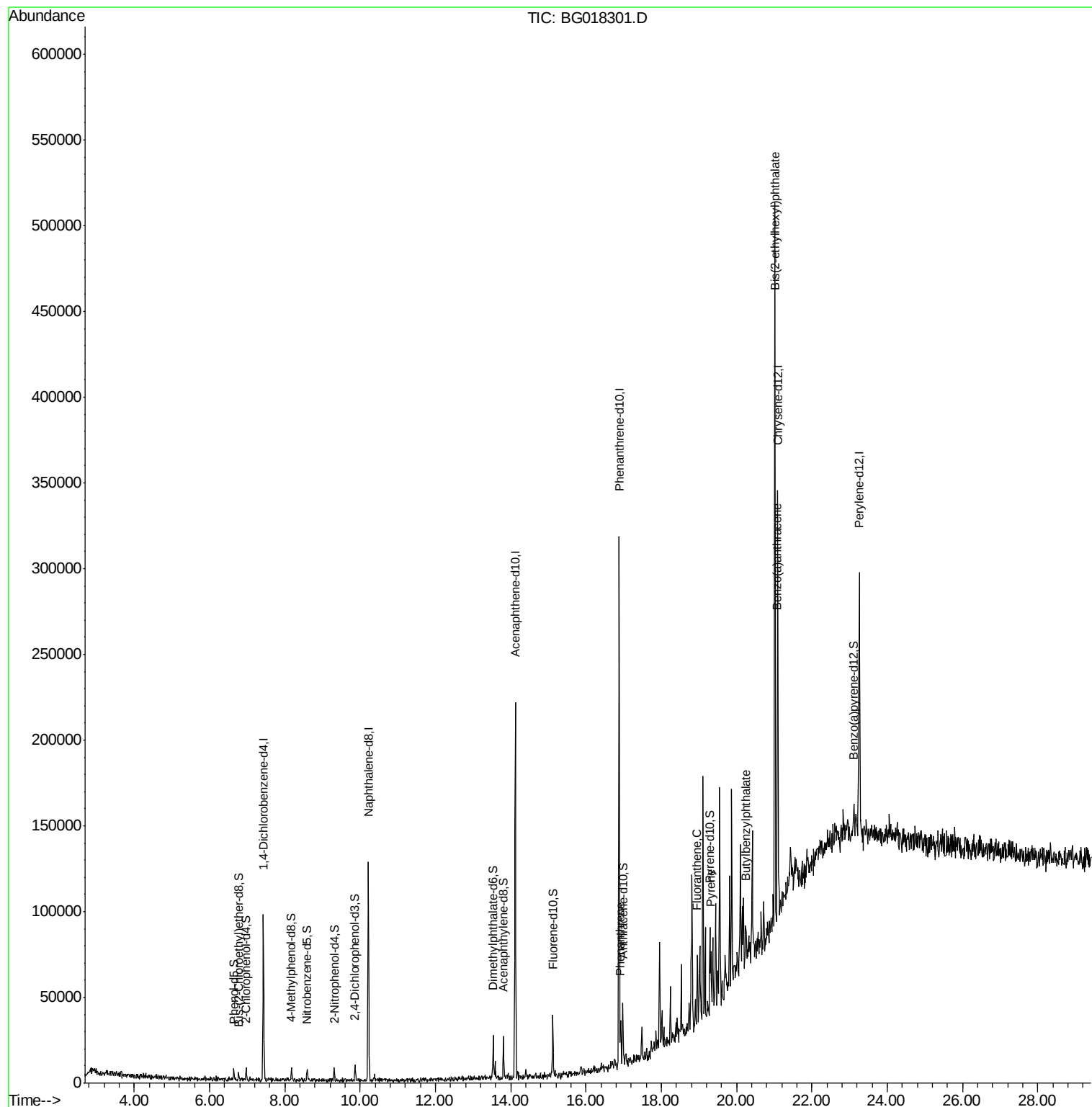
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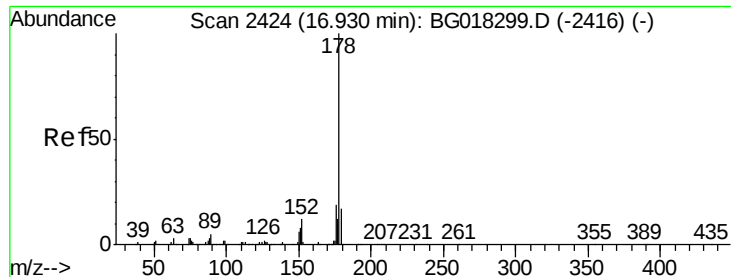
Instrument :
BNA_G
ClientSampleId :
C01W7DL

Quant Time: Aug 07 02:02:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
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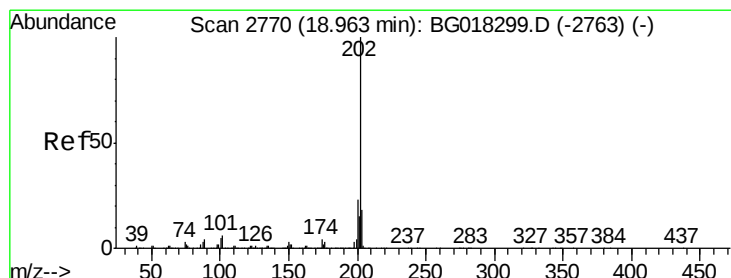
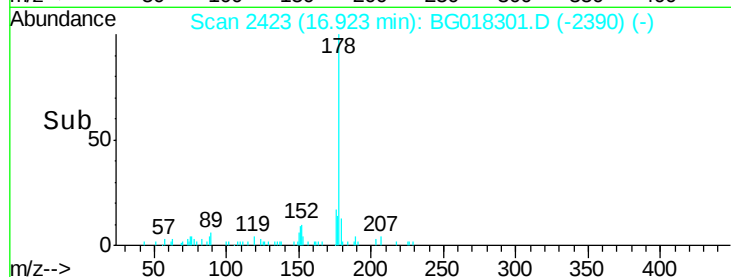
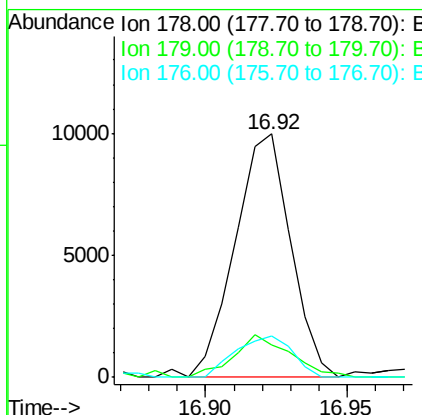
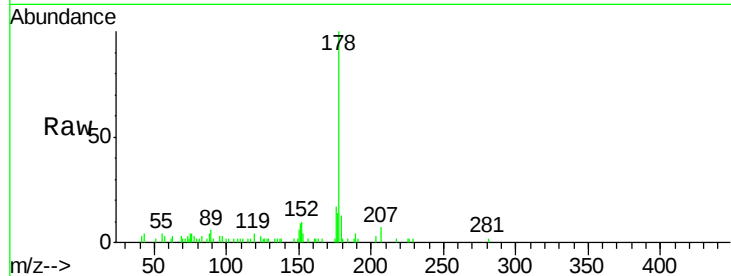
#70
Phenanthrene
Concen: 1.58 ng/ul
RT: 16.92 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG018301.D
Acq: 6 Aug 2015 12:59

Instrument :
BNA_G
ClientSampled :
C01W7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.5	12.2	18.4
176	17.0	14.5	21.7

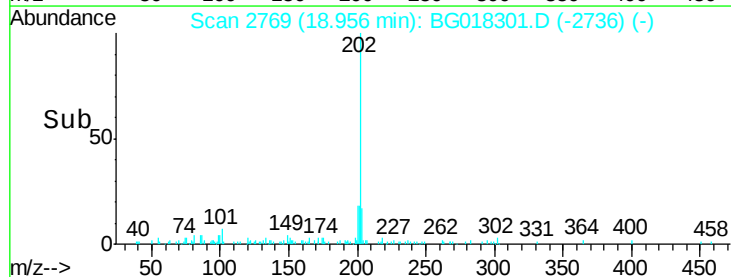
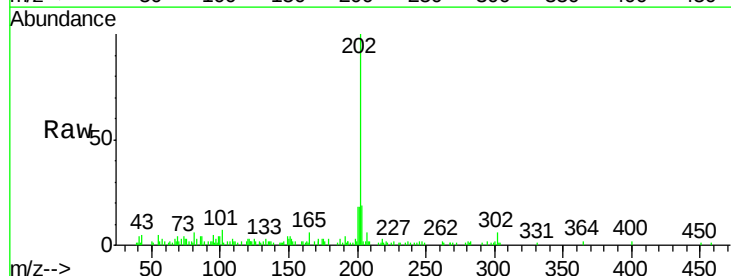
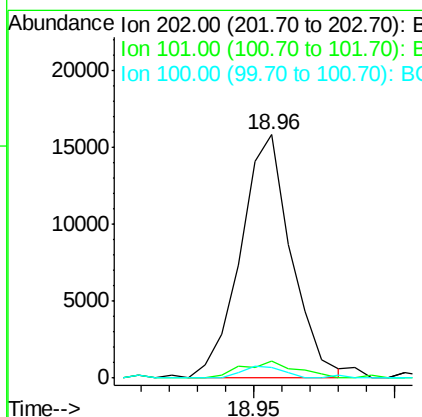
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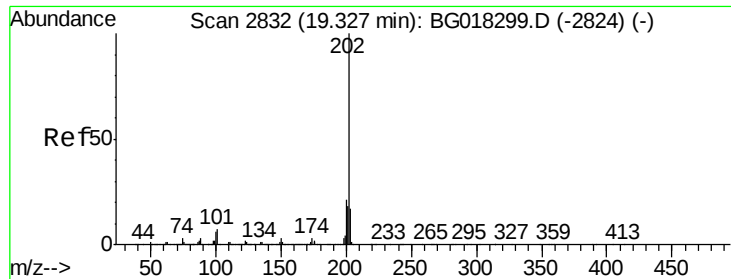
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#77
Fluoranthene
Concen: 2.07 ng/ul
RT: 18.96 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG018301.D
Acq: 6 Aug 2015 12:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.2	9.2
100	4.2	4.6	6.8#





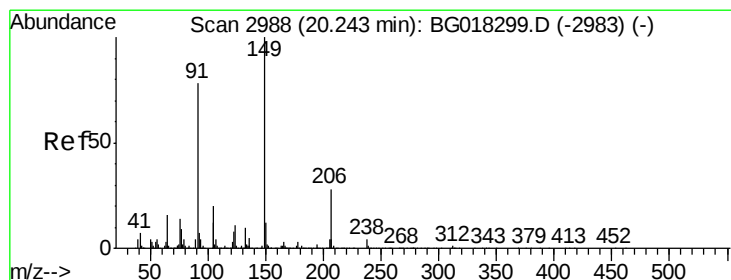
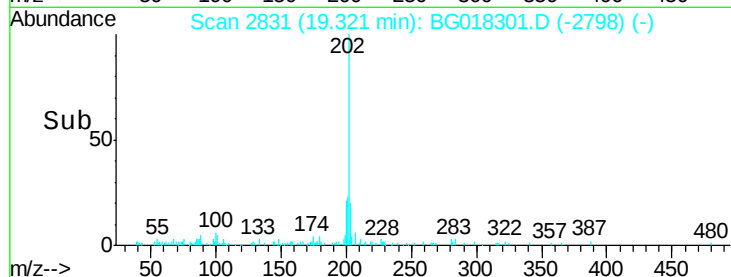
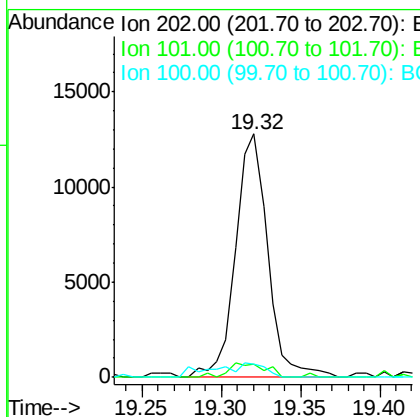
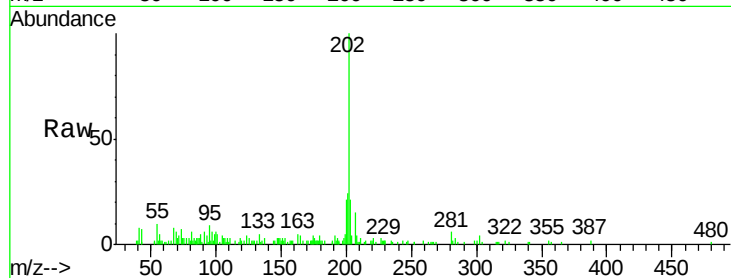
#80
Pvrene
Concen: 2.25 ng/ul
RT: 19.32 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG018301.D
Acq: 6 Aug 2015 12:59

Instrument :
BNA_G
ClientSampleId :
C01W7DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.3	6.2	9.2#
100	5.6	4.6	7.0

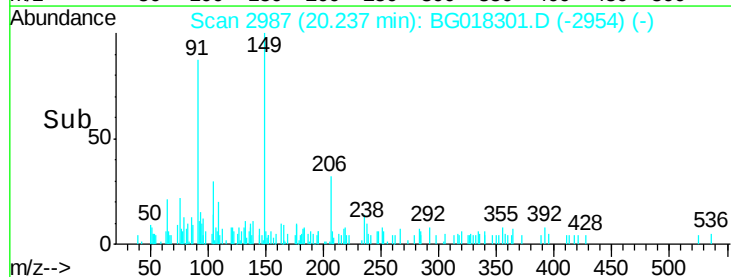
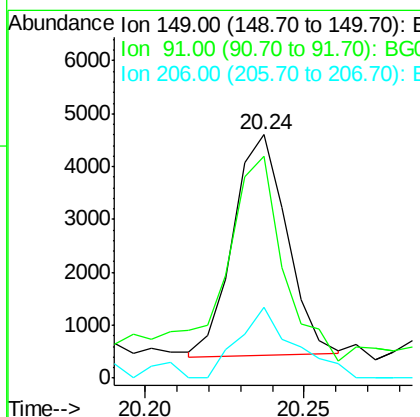
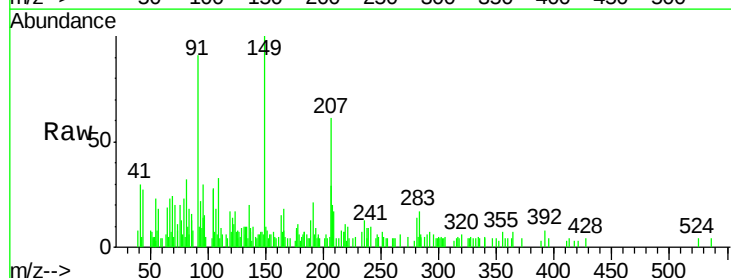
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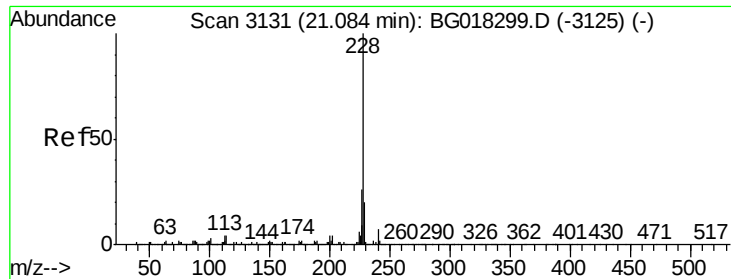
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#81
Butylbenzylphthalate
Concen: 1.56 ng/ul
RT: 20.24 min Scan# 2987
Delta R.T. -0.01 min
Lab File: BG018301.D
Acq: 6 Aug 2015 12:59

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	91.1	58.2	87.2#
206	29.0	19.9	29.9





#83

Benzo(a)anthracene

Concen: 1.05 ng/ul

RT: 21.08 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG018301.D

Acq: 6 Aug 2015 12:59

Instrument :

BNA_G

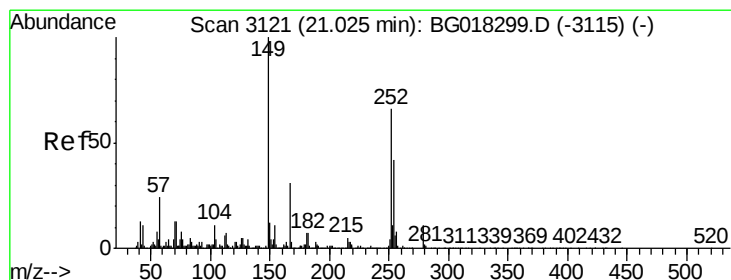
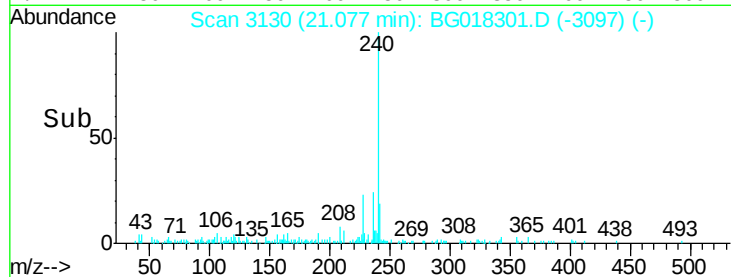
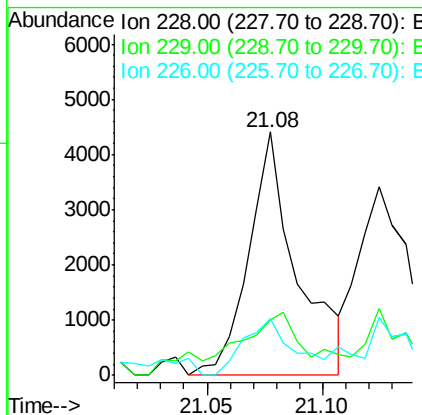
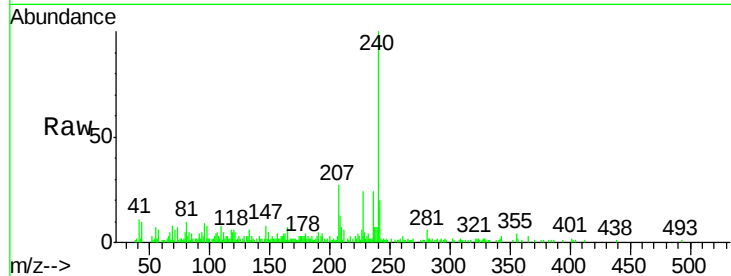
ClientSampleId :

C01W7DL

Tot Ion:	228	Resp:	6399
Ion Ratio	Lower	Upper	
228	100		
229	22.9	16.3	24.5
226	23.3	21.2	31.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 36.24 ng/ul

RT: 21.02 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG018301.D

Acq: 6 Aug 2015 12:59

Tgt Ion:	149	Resp:	135515
Ion Ratio	Lower	Upper	
149	100		
167	34.6	26.4	39.6
279	12.3	8.6	12.8

