

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018230.D
 Acq On : 2 Aug 2015 17:35
 Operator : TP
 Sample : G3065-03RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Z6RE

Quant Time: Aug 03 06:02:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	94504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	420562	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	254608	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.02	188	516531	20.00	ng/ul	0.11
78) Chrysene-d12	21.21	240	505	20.00	ng/ul	0.10
86) Perylene-d12	23.32	264	343576	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	4510	3.60	ng/uL	0.00
5) Phenol-d5	6.69	99	241014	28.36	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.83	67	118052	27.18	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	210629	32.82	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	203688	29.43	ng/ul	0.02
19) Nitrobenzene-d5	8.64	128	110797	33.44	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	116888	30.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	233711	34.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	254714	30.42	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	630014	32.02	ng/ul	0.01
47) Acenaphthylene-d8	13.86	160	703447	30.84	ng/ul	0.02
52) 4-Nitrophenol-d4	14.42	143	95965	26.35	ng/ul	0.03
58) Fluorene-d10	15.17	176	490208	27.53	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	124	0.03	ng/ul	0.14
71) Anthracene-d10	17.02	188	516531	23.00	ng/ul	0.02
79) Pyrene-d10	19.33	212	414241	16954.59	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.18	264	499402	28.74	ng/ul	0.03

Target Compounds

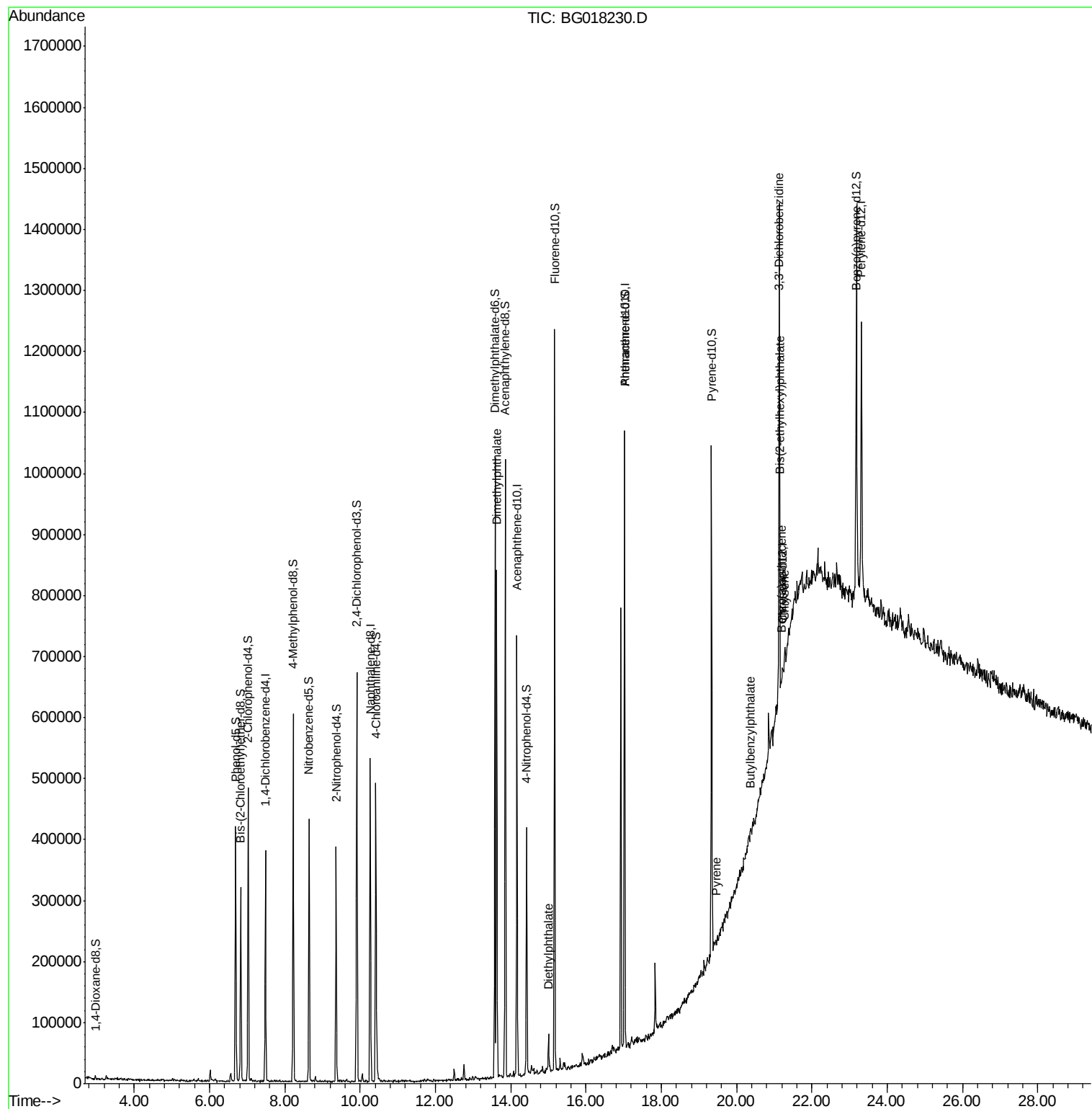
						Qvalue
45) Dimethylphthalate	13.63	163	497763	25.43	ng/ul	100
57) Diethylphthalate	15.00	149	31620	1.56	ng/ul	96
80) Pyrene	19.45	202	432	14.10	ng/ul#	79
81) Butylbenzylphthalate	20.35	149	217	17.44	ng/ul#	22
82) 3,3'-Dichlorobenzidine	21.14	252	344	32.30	ng/ul#	46
83) Benzo(a)anthracene	21.20	228	168	6.18	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.15	149	411	24.48	ng/ul#	61
85) Chrysene	21.25	228	219	8.79	ng/ul#	1

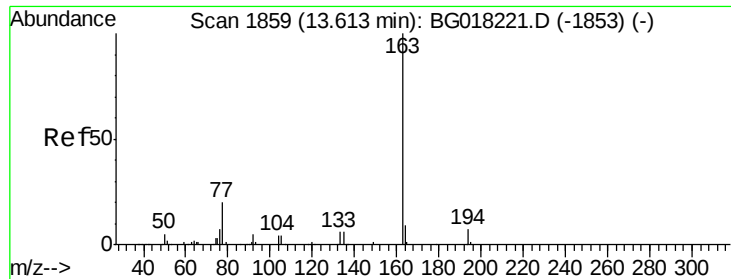
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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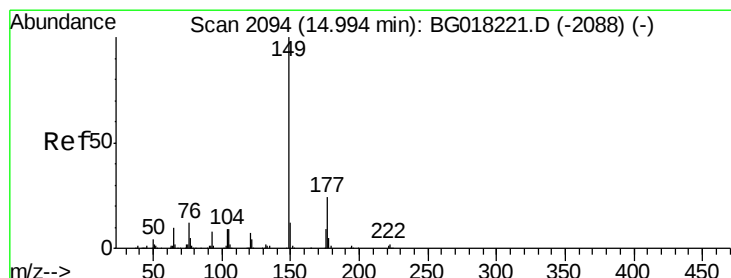
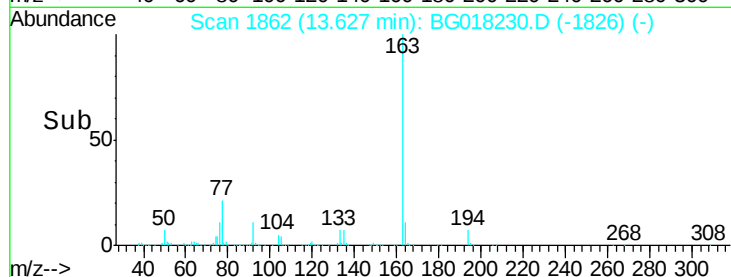
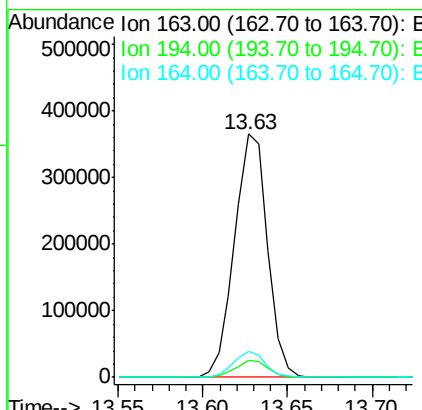
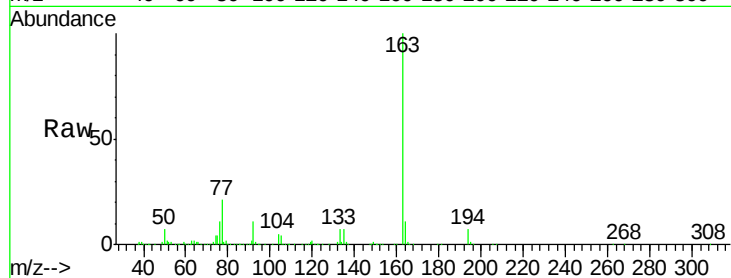




#45
Dimethylphthalate
Concen: 25.43 ng/ul
RT: 13.63 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BG018230.D
Acq: 2 Aug 2015 17:35

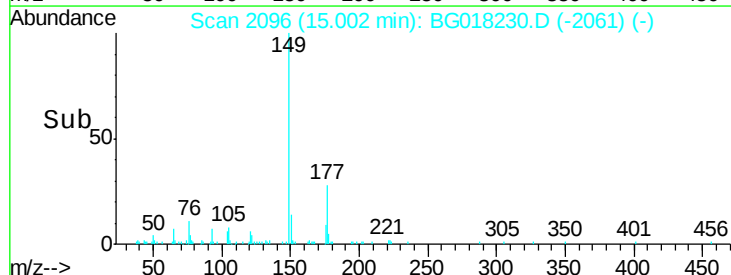
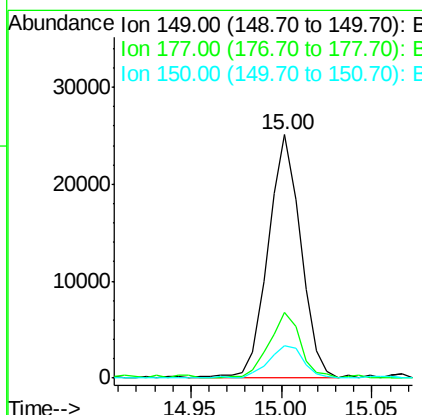
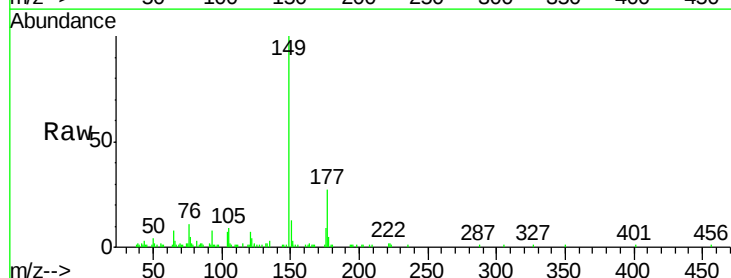
Instrument :
BNA_G
ClientSampleId :
C01Z6RE

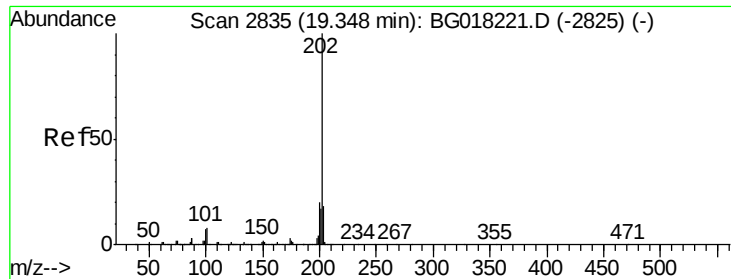
Tgt Ion:163 Resp: 497763
Ion Ratio Lower Upper
163 100
194 6.8 5.2 7.8
164 10.6 8.4 12.6



#57
Diethylphthalate
Concen: 1.56 ng/ul
RT: 15.00 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG018230.D
Acq: 2 Aug 2015 17:35

Tgt Ion:149 Resp: 31620
Ion Ratio Lower Upper
149 100
177 27.2 20.1 30.1
150 13.5 10.0 15.0





#80

Pyrene

Concen: 14.10 ng/ul

RT: 19.45 min Scan# 2853

Delta R.T. 0.10 min

Lab File: BG018230.D

Acq: 2 Aug 2015 17:35

Instrument :

BNA_G

ClientSampleId :

C01Z6RE

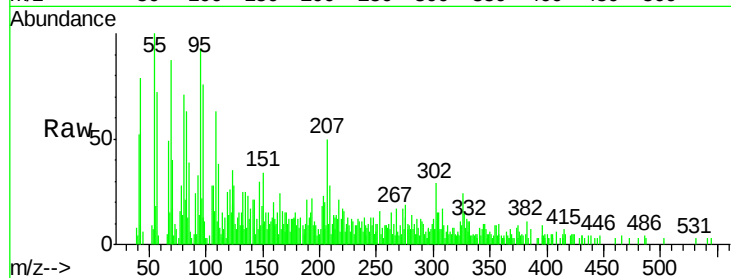
Tgt Ion:202 Resp: 432

Ion Ratio Lower Upper

202 100

101 17.3 8.1 12.1#

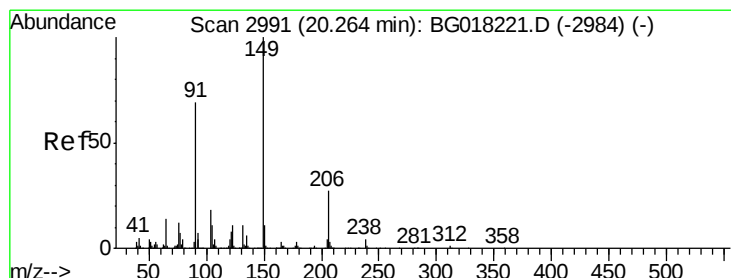
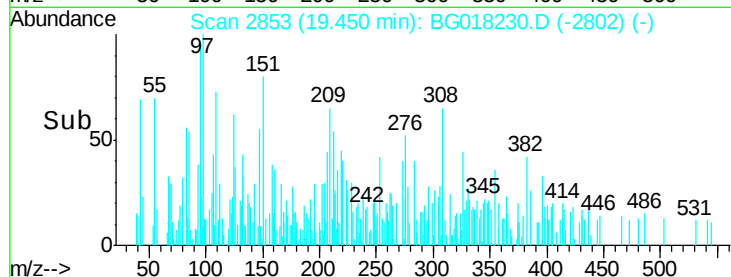
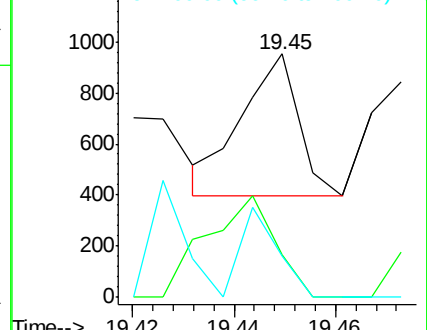
100 17.1 7.4 11.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Butylbenzylphthalate

Concen: 17.44 ng/ul

RT: 20.35 min Scan# 3007

Delta R.T. 0.09 min

Lab File: BG018230.D

Acq: 2 Aug 2015 17:35

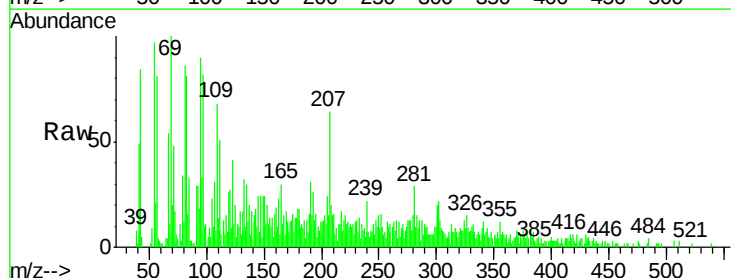
Tgt Ion:149 Resp: 217

Ion Ratio Lower Upper

149 100

91 119.5 46.6 69.8#

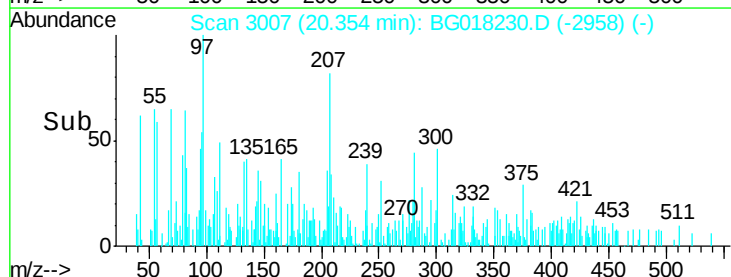
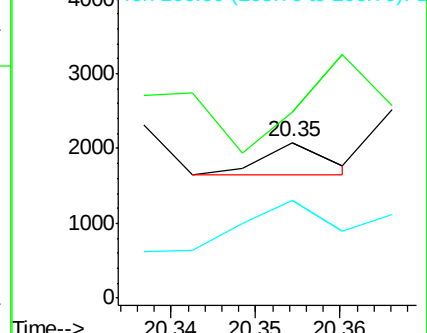
206 62.8 21.8 32.8#

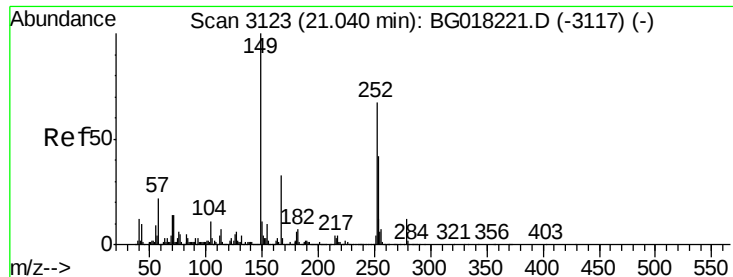


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 32.30 ng/ul

RT: 21.14 min Scan# 3140

Delta R.T. 0.10 min

Lab File: BG018230.D

Acq: 2 Aug 2015 17:35

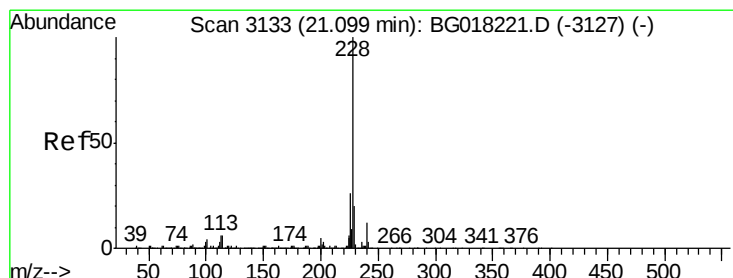
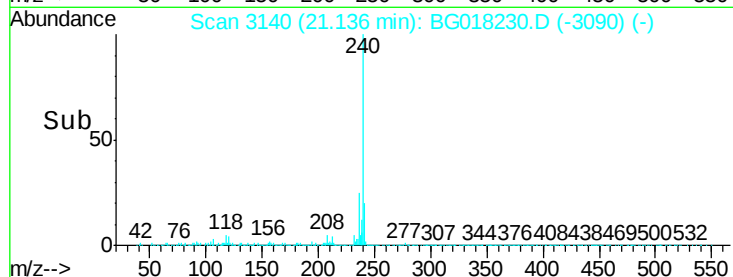
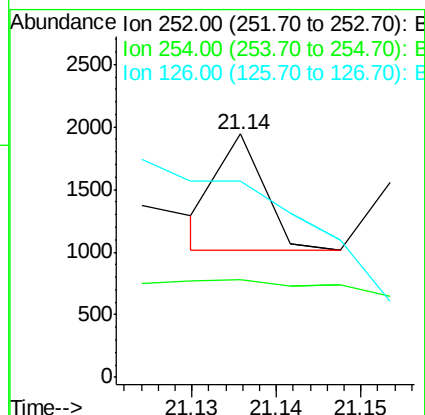
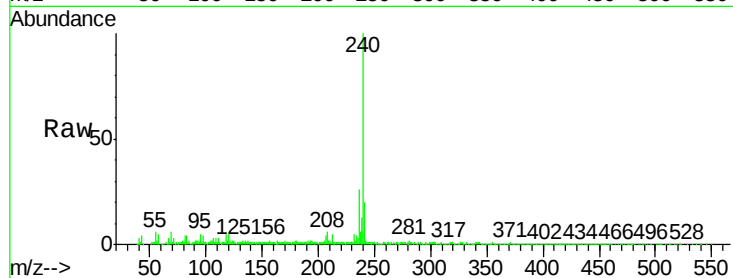
Instrument :

BNA_G

ClientSampled :

C01Z6RE

Tgt Ion:	252	Resp:	344
Ion Ratio	Lower	Upper	
252	100		
254	40.4	53.4	80.0#
126	80.5	8.7	13.1#



#83

Benzo(a)anthracene

Concen: 6.18 ng/ul

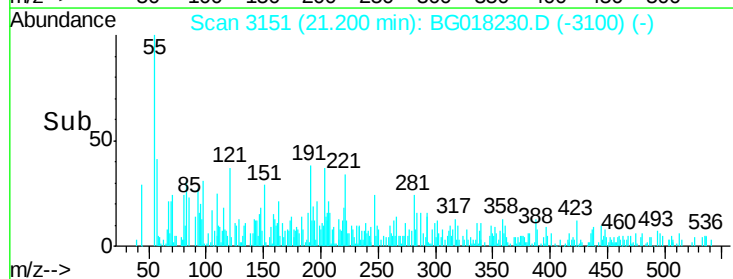
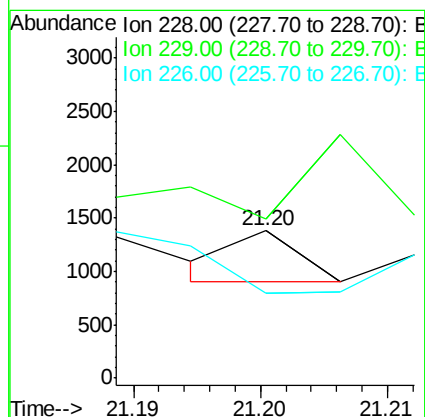
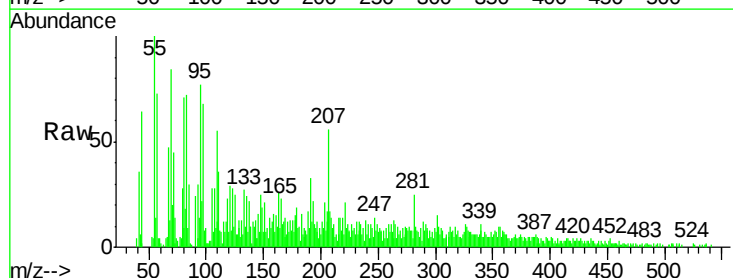
RT: 21.20 min Scan# 3151

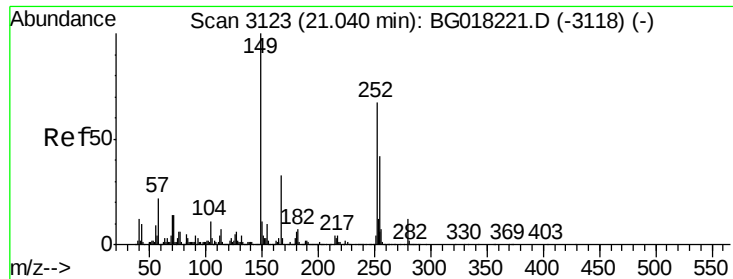
Delta R.T. 0.10 min

Lab File: BG018230.D

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Tgt Ion:	228	Resp:	168
Ion Ratio	Lower	Upper	
228	100		
229	108.3	16.5	24.7#
226	57.9	21.5	32.3#

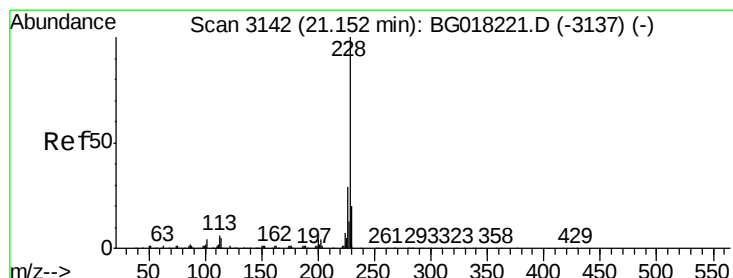
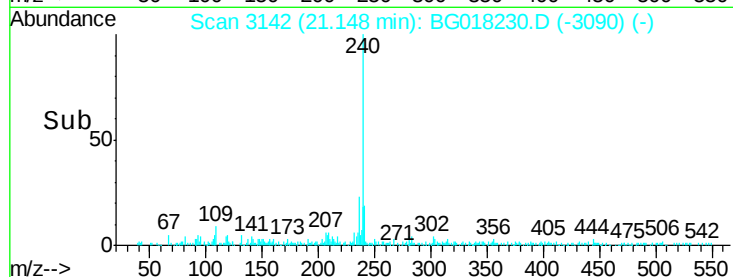
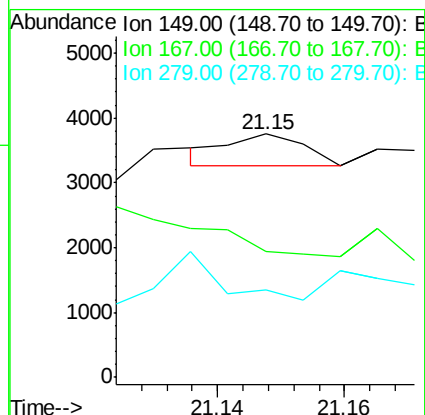
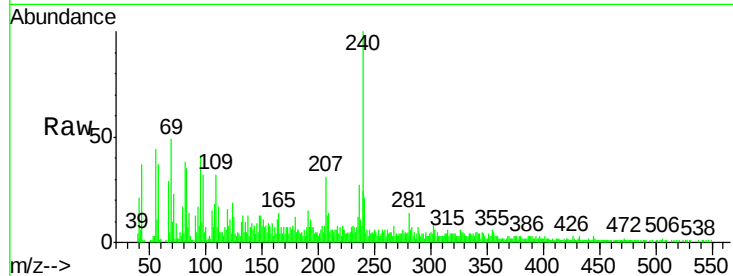




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.48 ng/ul
 RT: 21.15 min Scan# 3142
 Delta R.T. 0.11 min
 Lab File: BG018230.D
 Acq: 2 Aug 2015 17:35

Instrument :
 BNA_G
 ClientSampleId :
 C01Z6RE

Tgt Ion:149 Resp: 411
 Ion Ratio Lower Upper
 149 100
 167 51.5 27.4 41.2#
 279 35.8 8.3 12.5#



#85
 Chrysene
 Concen: 8.79 ng/ul
 RT: 21.25 min Scan# 3160
 Delta R.T. 0.10 min
 Lab File: BG018230.D
 Acq: 2 Aug 2015 17:35

Tgt Ion:228 Resp: 219
 Ion Ratio Lower Upper
 228 100
 226 76.1 22.7 34.1#
 229 119.8 16.2 24.2#

