

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
 Data File : BG018707.D
 Acq On : 16 Sep 2015 14:26
 Operator : TP
 Sample : G3641-13DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN0DL

Manual Integrations
 APPROVED

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 9/17/2015 3:47:53 PM

Quant Time: Sep 17 02:54:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 17 02:24:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	52468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	229897	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	166443	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	386765	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	397503	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	400271	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	675	0.62	ng/uL	0.00
5) Phenol-d5	7.16	99	15018	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	31248	12.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	34679	10.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	27262	7.80	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	23460	13.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	24209	13.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	50514	13.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	8465	1.97	ng/ul	-0.01
44) Dimethylphthalate-d6	14.03	166	172551	12.88	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	216727	13.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	8131	3.16	ng/ul	0.00
58) Fluorene-d10	15.62	176	160030	13.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	20045	10.95	ng/ul	0.00
71) Anthracene-d10	17.47	188	257533	15.12	ng/ul	0.00
79) Pyrene-d10	19.75	212	268953	14.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	255124	13.10	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.47	88	10499	8.90 ng/uL#	83
8) Bis(2-Chloroethyl)ether	7.42	93	303440	91.16 ng/ul	96
14) Acetophenone	8.80	105	34839m	6.54 ng/ul	
21) Isophorone	9.73	82	9263	1.13 ng/ul#	86
28) Naphthalene	10.85	128	102719	8.78 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	25726	1.94 ng/ul	98

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

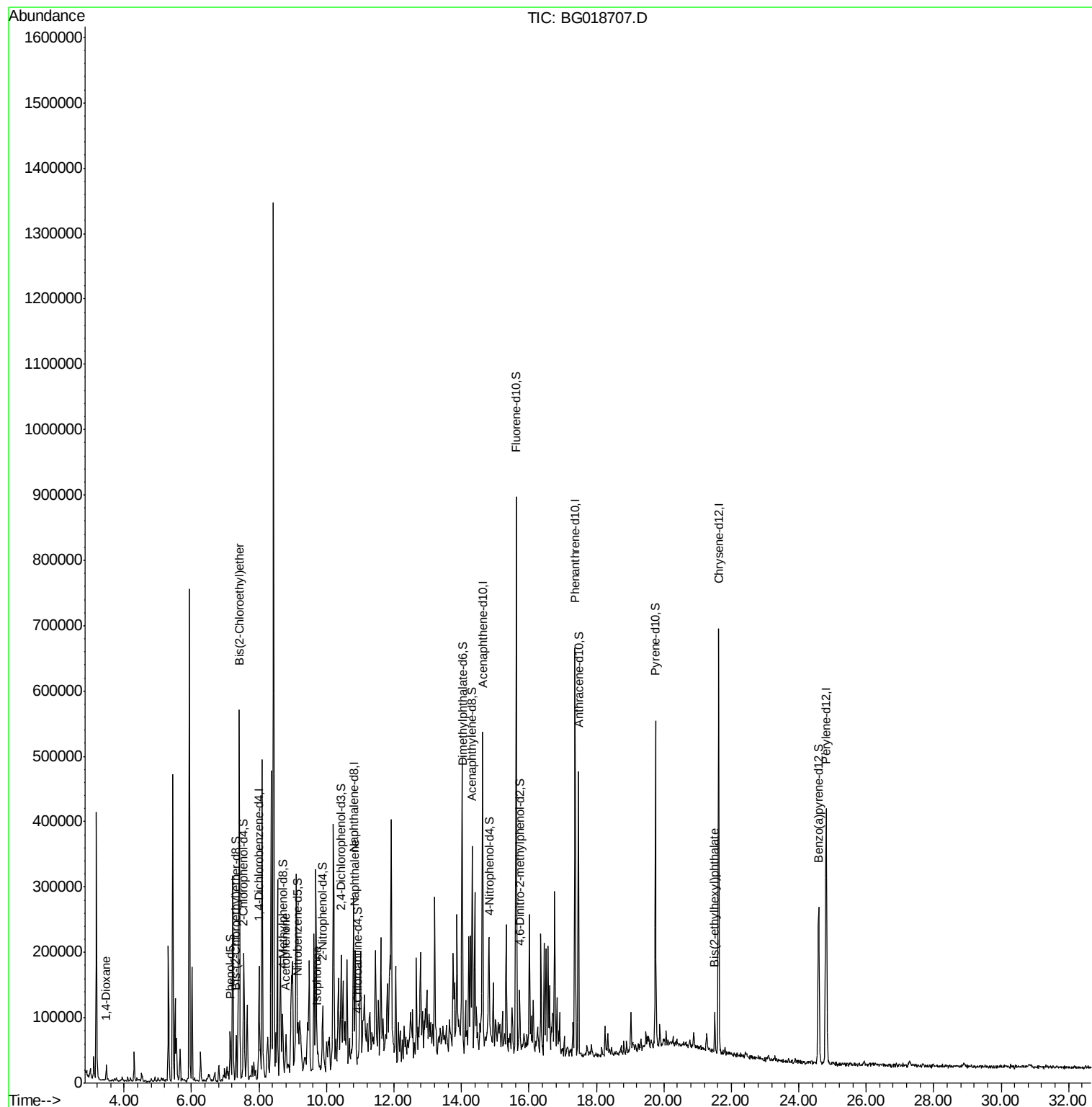
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
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ALS Vial : 7 Sample Multiplier: 1

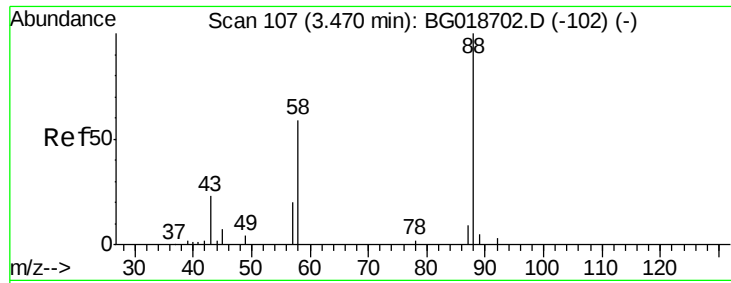
Instrument :
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Quant Time: Sep 17 02:54:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 17 02:24:24 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 8.90 ng/uL

RT: 3.47 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG018707.D

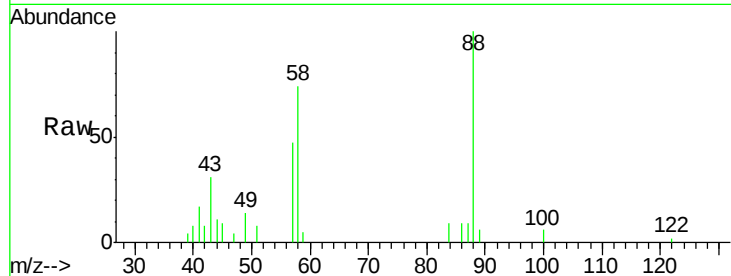
Acq: 16 Sep 2015 14:26

Instrument :

BNA_G

ClientSampleId :

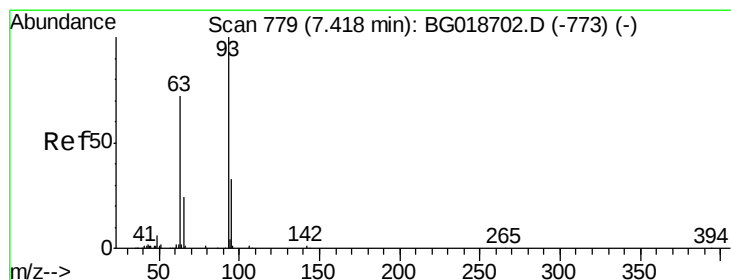
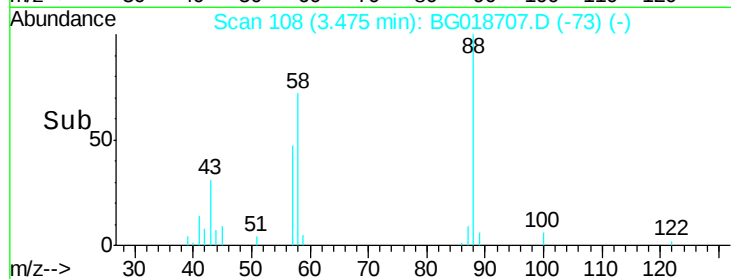
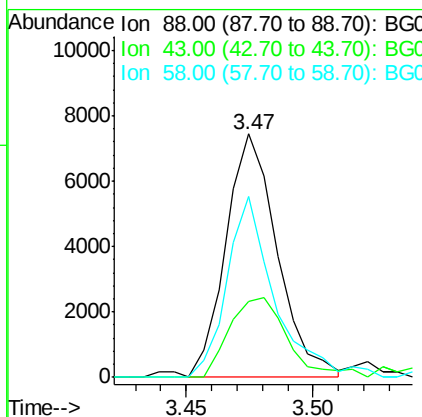
B0AN0DL



Tgt Ion:	88	Resp:	10499
Ion	Ratio	Lower	Upper
88	100		
43	31.3	33.0	49.4#
58	74.3	73.4	110.0

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#8

Bis(2-Chloroethyl)ether

Concen: 91.16 ng/uL

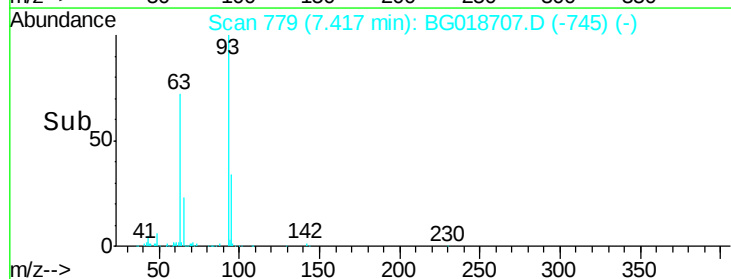
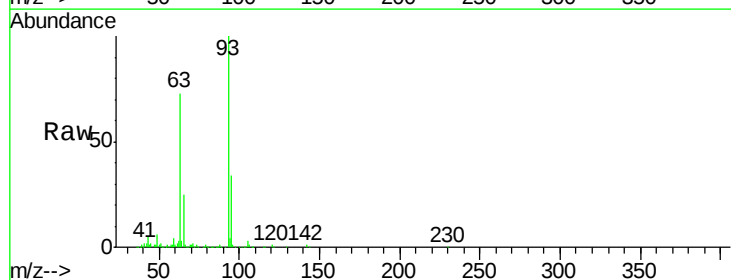
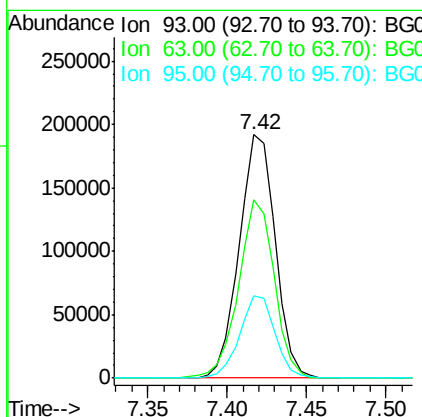
RT: 7.42 min Scan# 779

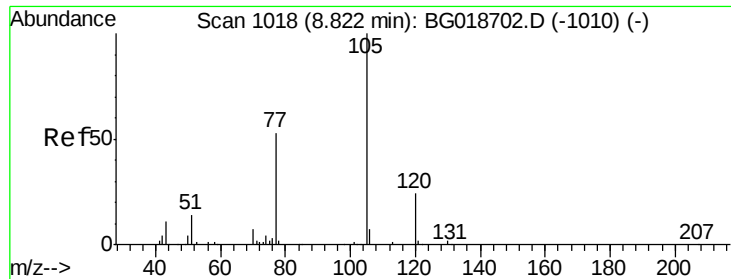
Delta R.T. -0.00 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

Tgt Ion:	93	Resp:	303440
Ion	Ratio	Lower	Upper
93	100		
63	73.2	61.4	92.2
95	34.0	25.9	38.9





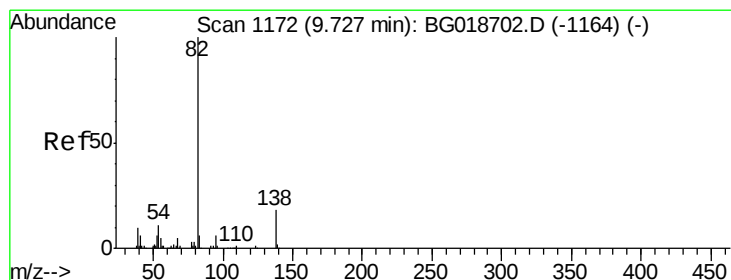
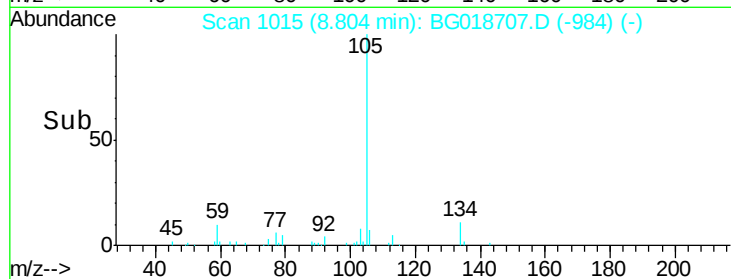
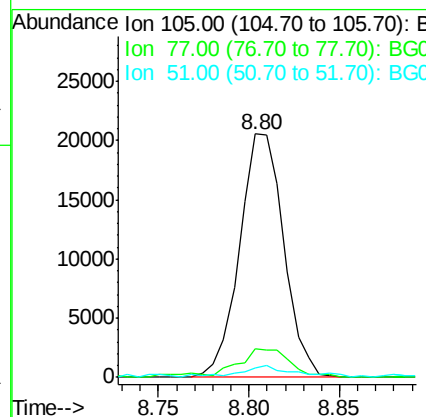
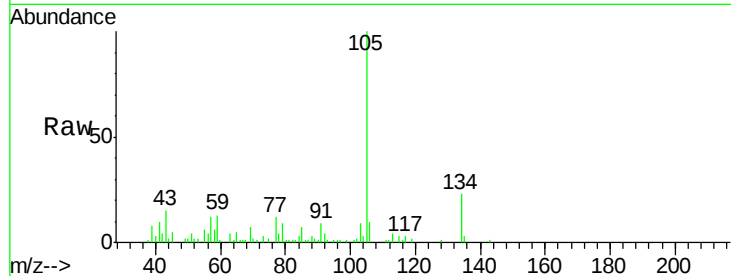
#14
Acetophenone
Concen: 6.54 ng/ul m
RT: 8.80 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BG018707.D
Acq: 16 Sep 2015 14:26

Instrument :
BNA_G
ClientSampleId :
B0AN0DL

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	12.0	61.9	92.9#
51	3.9	25.5	38.3#

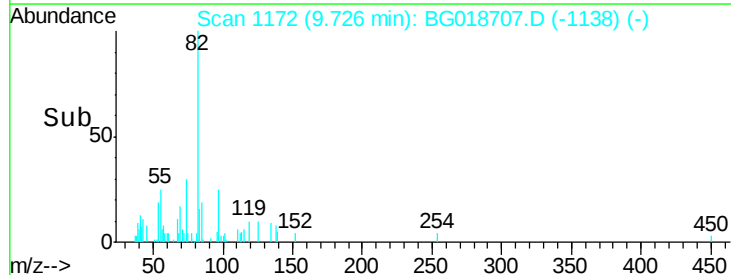
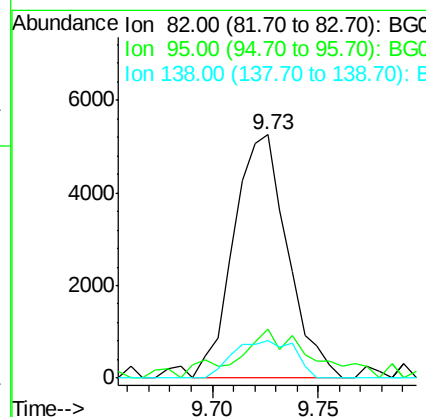
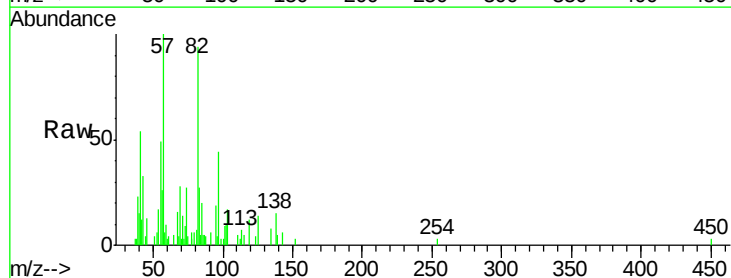
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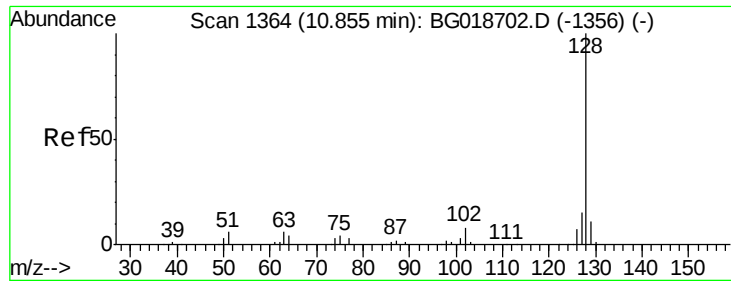
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#21
Isophorone
Concen: 1.13 ng/ul
RT: 9.73 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG018707.D
Acq: 16 Sep 2015 14:26

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	20.1	5.2	7.8#
138	15.6	13.8	20.8





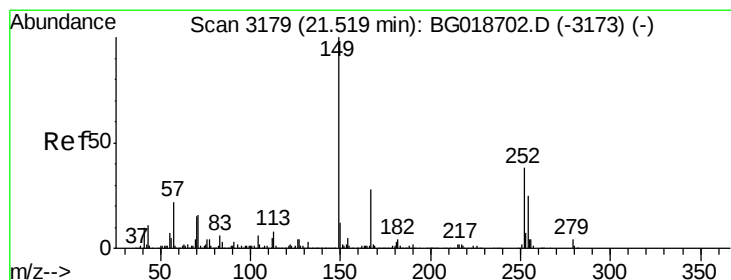
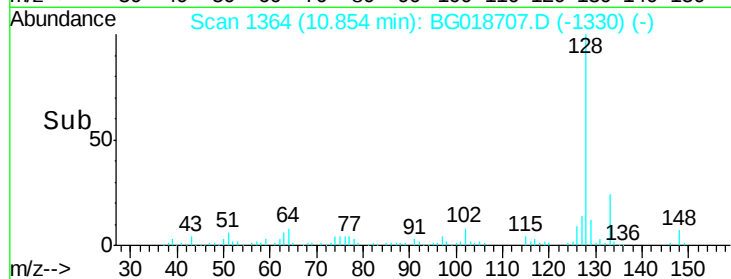
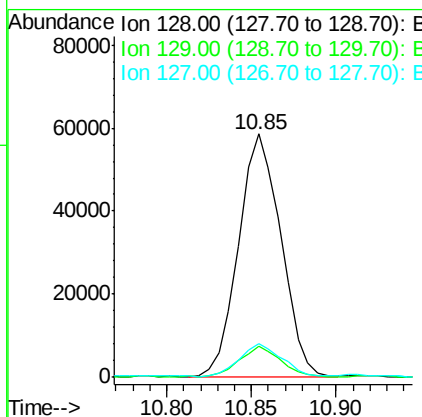
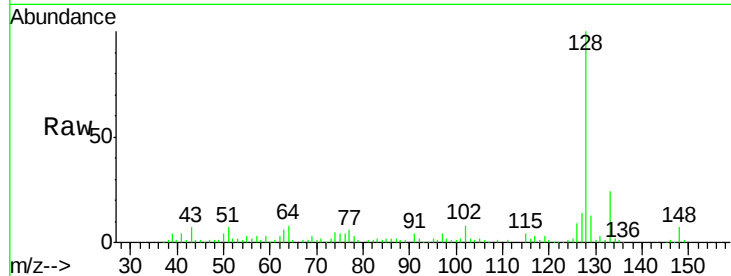
#28
Naphthalene
Concen: 8.78 ng/ul
RT: 10.85 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG018707.D
Acq: 16 Sep 2015 14:26

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	102719		
129	12.7	9.6	14.4	
127	14.1	10.5	15.7	

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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.94 ng/ul
RT: 21.51 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG018707.D
Acq: 16 Sep 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	25726		
167	26.5	22.2	33.2	
279	4.0	2.8	4.2	

