

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Manual Integrations
 APPROVED

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 10/30/2015 6:32:05 PM

Quant Time: Nov 02 03:49:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	37882	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	159901m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	149588m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	302257m	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	365425m	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	349714m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4409	5.57	ng/uL	0.00
5) Phenol-d5	7.36	99	25873	7.44	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	62957	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	50979	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	46504	16.79	ng/ul	0.02
19) Nitrobenzene-d5	9.38	128	33911m	28.86	ng/ul	0.01
22) 2-Nitrophenol-d4	10.11	143	38347m	27.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	80151m	26.48	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.24	166	273341m	22.16	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	314969m	23.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	12524m	6.39	ng/ul	0.04
58) Fluorene-d10	15.82	176	313362m	27.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	59112m	30.22	ng/ul	0.00
71) Anthracene-d10	17.68	188	403738m	29.30	ng/ul	0.00
79) Pyrene-d10	19.95	212	457383m	28.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	506574m	28.87	ng/ul	0.00

Target Compounds

						Ovalue
11) 2-Methylphenol	8.66	108	6919m	2.53	ng/ul	
14) Acetophenone	9.02	105	8516	1.83	ng/ul	92
16) 4-Methylphenol	8.99	108	32238	10.78	ng/ul	99
24) 2,4-Dimethylphenol	10.20	107	482810m	116.66	ng/ul	
28) Naphthalene	11.09	128	28169m	3.52	ng/ul	
41) 1,1'-Biophenyl	13.67	154	12653m	1.20	ng/ul	

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

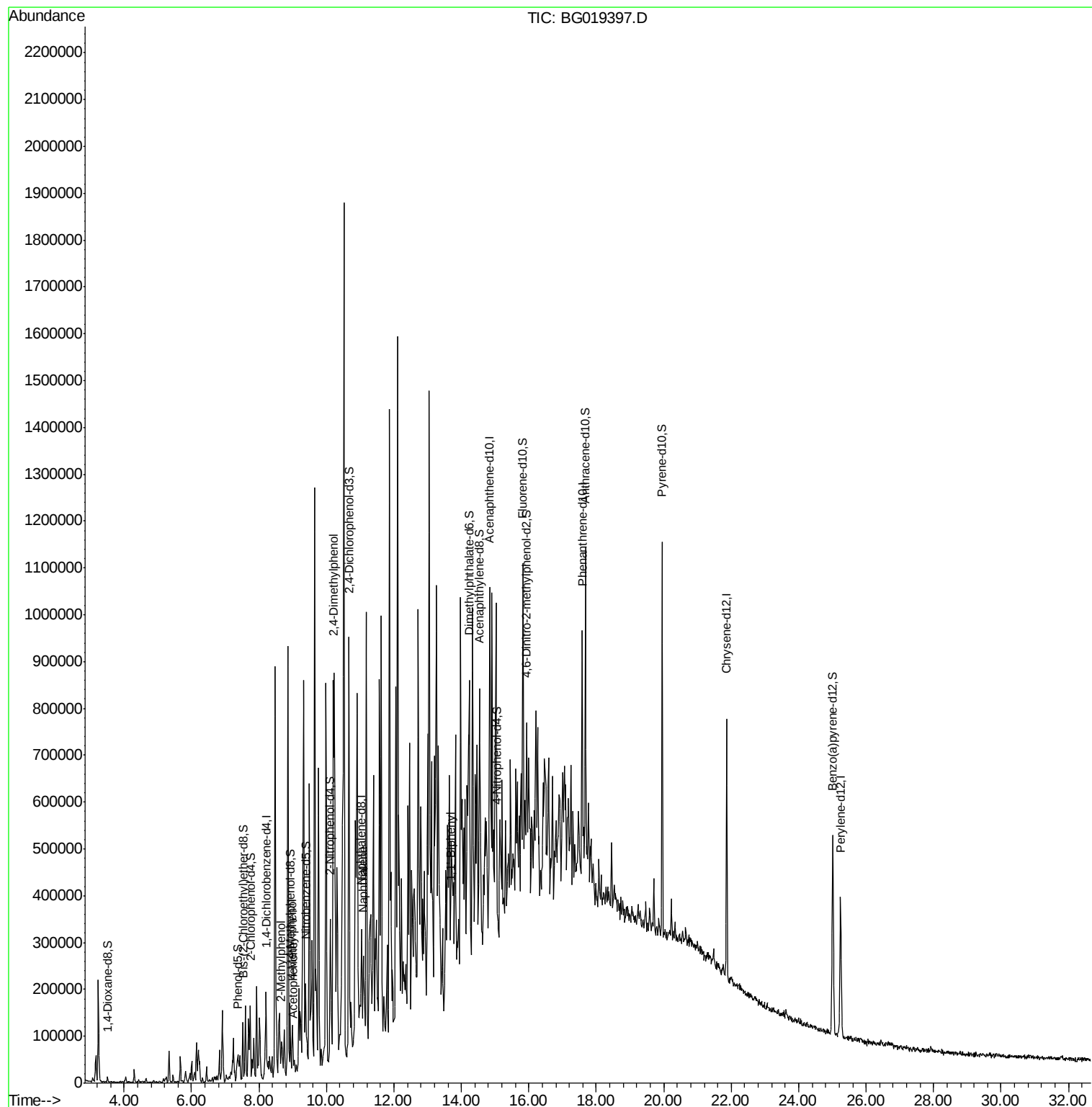
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
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ALS Vial : 19 Sample Multiplier: 1

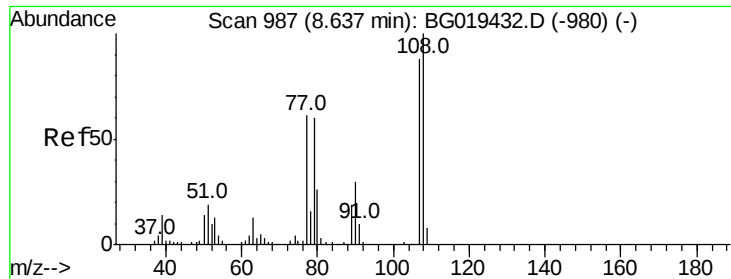
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration





#11

2-Methylphenol

Concen: 2.53 ng/ul m

RT: 8.66 min Scan# 991

Delta R.T. 0.02 min

Lab File: BG019397.D

Acq: 29 Oct 2015 1:29

Instrument :

BNA_G

ClientSampled :

E5LT4

Tot Ion:108 Resp: 6919

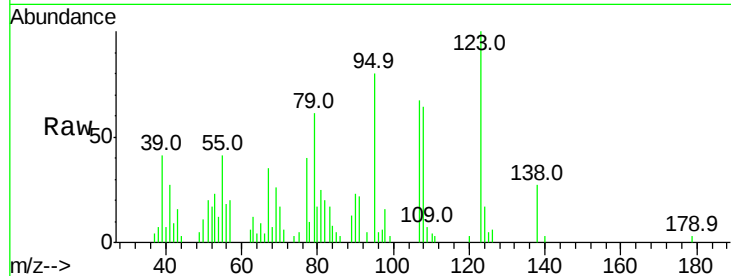
Ion Ratio Lower Upper

108 100

107 103.8 71.2 106.8

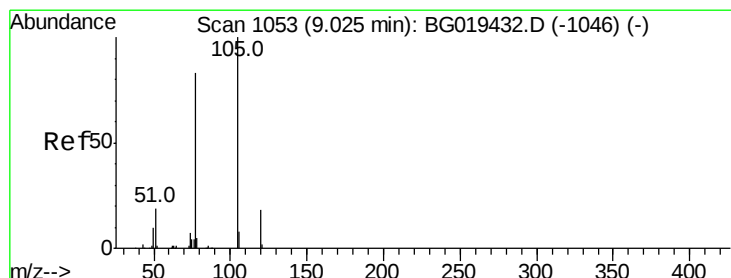
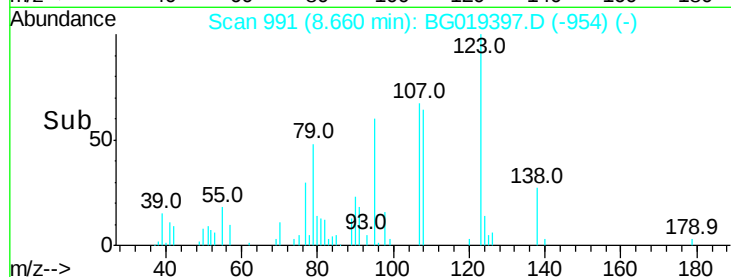
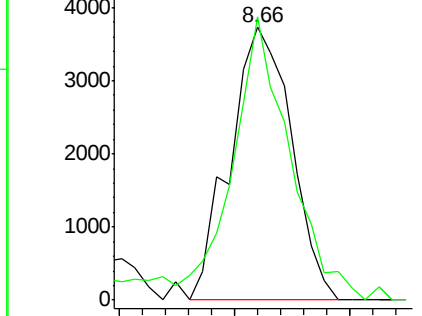
Manual Integrations
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

Acetophenone

Concen: 1.83 ng/ul

RT: 9.02 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG019397.D

Acq: 29 Oct 2015 1:29

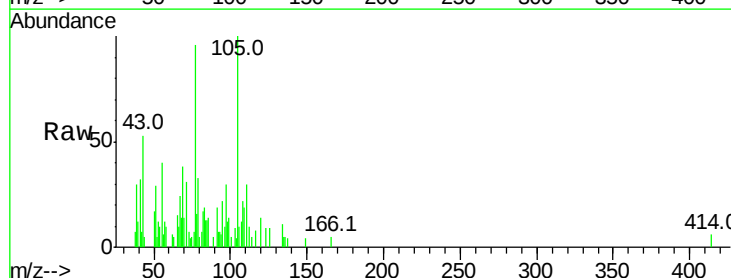
Tgt Ion:105 Resp: 8516

Ion Ratio Lower Upper

105 100

77 95.7 69.5 104.3

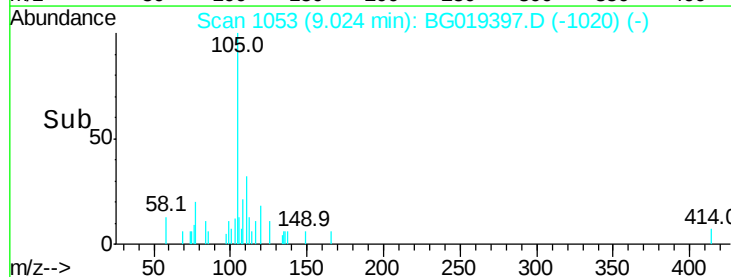
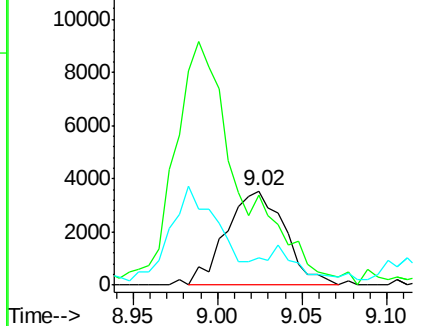
51 29.4 21.8 32.6

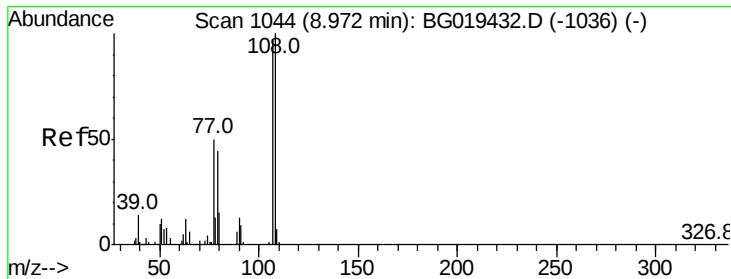


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0





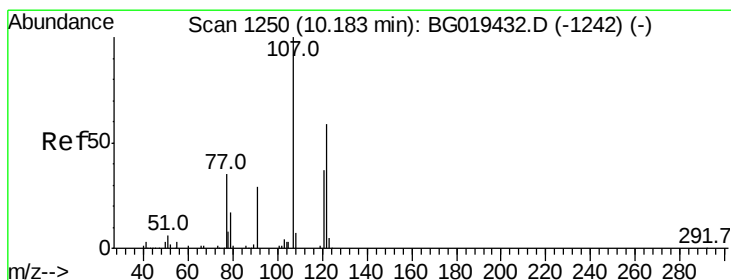
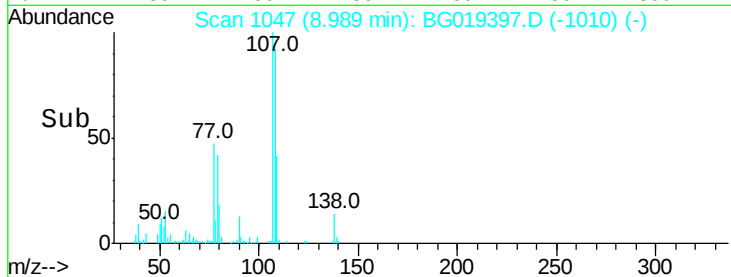
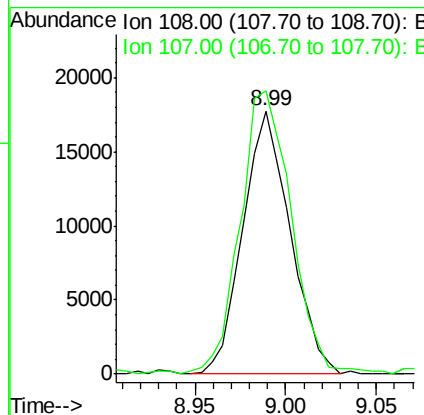
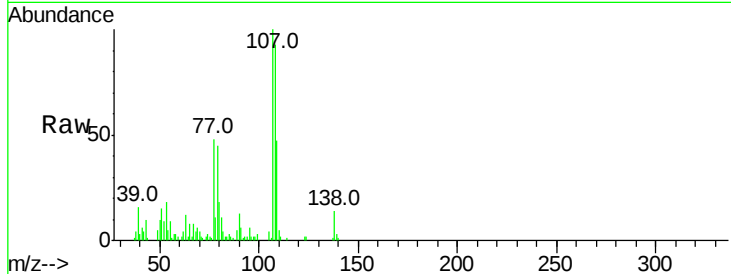
#16
4-Methylphenol
Concen: 10.78 ng/ul
RT: 8.99 min Scan# 1047
Delta R.T. 0.02 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tot Ion	Ratio	Lower	Upper
108	100		
107	107.6	85.4	128.2

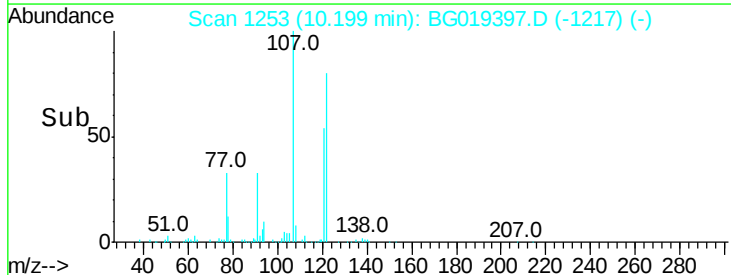
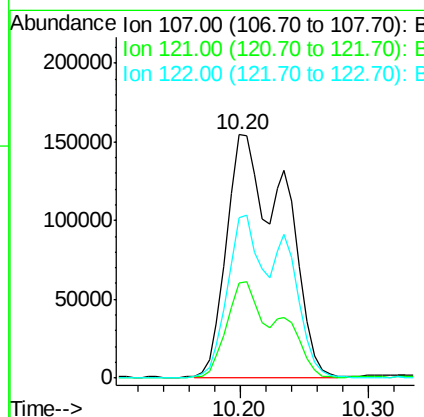
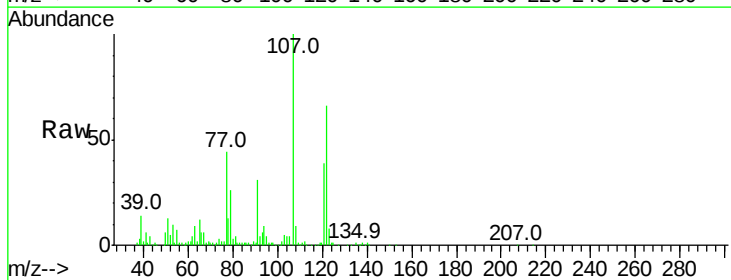
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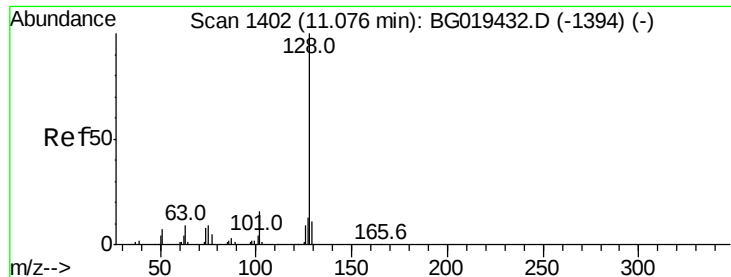
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#24
2,4-Dimethylphenol
Concen: 116.66 ng/ul m
RT: 10.20 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion	Ratio	Lower	Upper
107	100		
121	38.9	33.0	49.4
122	66.1	54.2	81.2





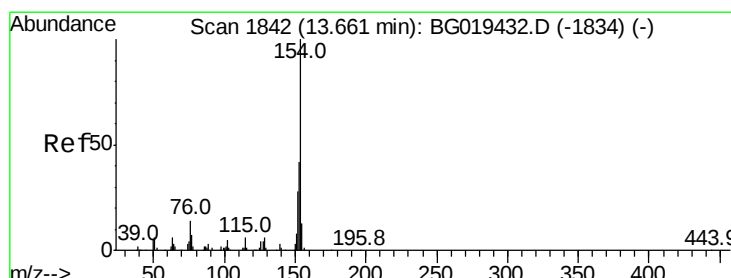
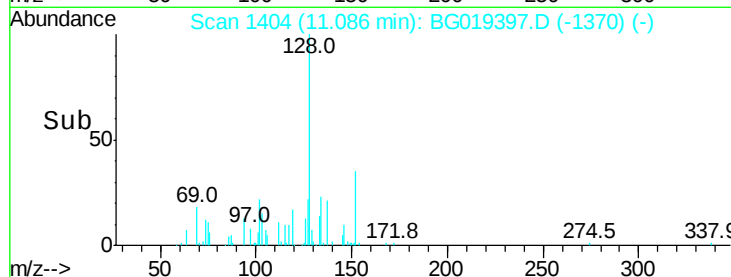
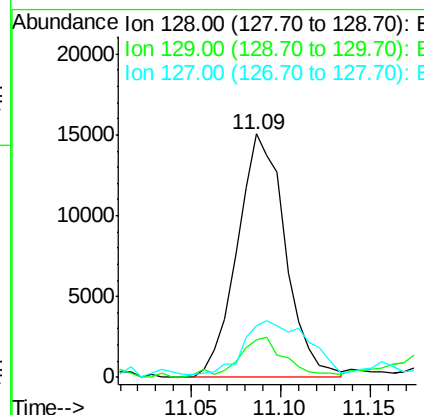
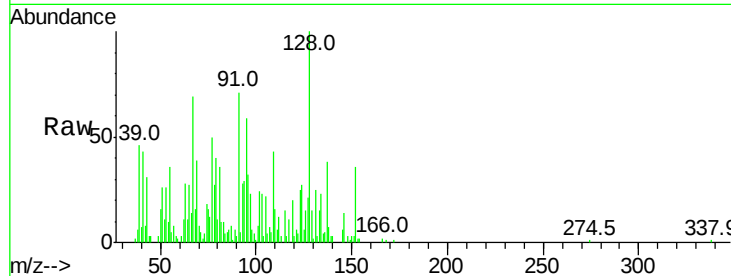
#28
Naphthalene
Concen: 3.52 ng/ul m
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tot Ion	Ratio	Resp	Lower	Upper
128	100	28169		
129	15.2	8.9	13.3#	
127	21.0	13.1	19.7#	

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#41
1,1'-Biphenyl
Concen: 1.20 ng/ul m
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	12653		
153	64.2	32.8	49.2#	
76	23.8	7.7	11.5#	

