

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
 Data File : BG019419.D
 Acq On : 29 Oct 2015 16:11
 Operator : UM/NP
 Sample : G4120-16DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL

Manual Integrations
 APPROVED

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 10/30/2015 6:32:23 PM

Quant Time: Nov 10 17:33:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	39162	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	157280	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	119212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	297486	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	368803	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	338775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4483	5.48	ng/uL	0.00
5) Phenol-d5	7.36	99	12409	3.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	31965	14.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	28419	12.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	23715	8.28	ng/ul	0.02
19) Nitrobenzene-d5	9.38	128	16929	14.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	20044	14.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	40132	13.48	ng/ul	0.01
29) 4-Chloroaniline-d4	11.18	131	5079	1.69	ng/ul	0.02
44) Dimethylphthalate-d6	14.24	166	142646	14.51	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	165142	15.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6543m	4.19	ng/ul	0.02
58) Fluorene-d10	15.82	176	158820	17.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	28323	14.71	ng/ul	0.00
71) Anthracene-d10	17.68	188	210613	15.53	ng/ul	0.00
79) Pyrene-d10	19.95	212	235830	14.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	254817	14.99	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.39	94	96680	25.24	ng/ul	98
11) 2-Methylphenol	8.65	108	270396	95.47	ng/ul	99
16) 4-Methylphenol	9.01	108	1139573	368.45	ng/ul	97
24) 2,4-Dimethylphenol	10.21	107	1228616m	301.81	ng/ul	
28) Naphthalene	11.09	128	341976	43.46	ng/ul	96
34) 2-Methylnaphthalene	12.68	142	42790	6.77	ng/ul	96
41) 1,1'-Biphenyl	13.67	154	11374	1.35	ng/ul#	82

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

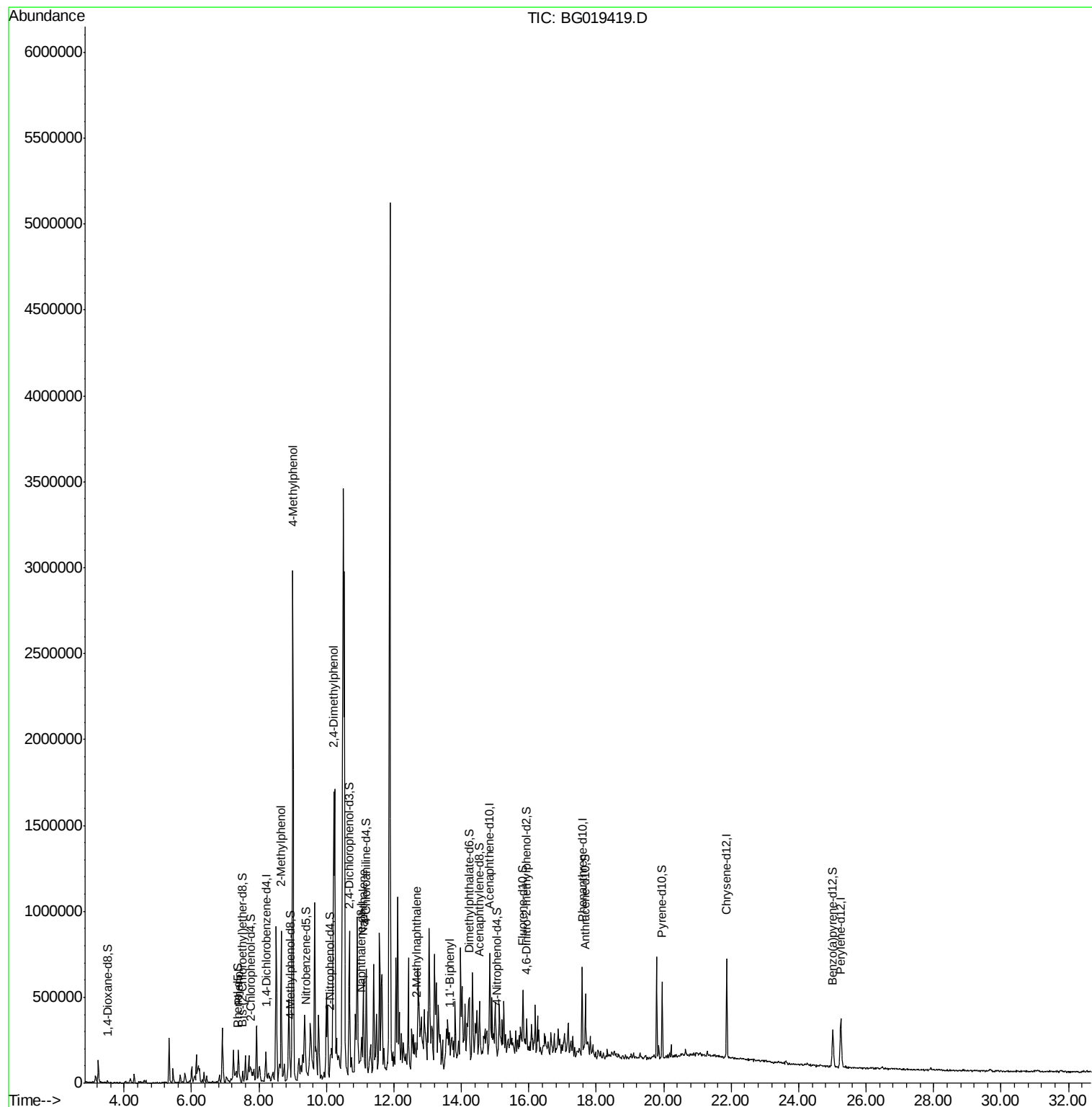
Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
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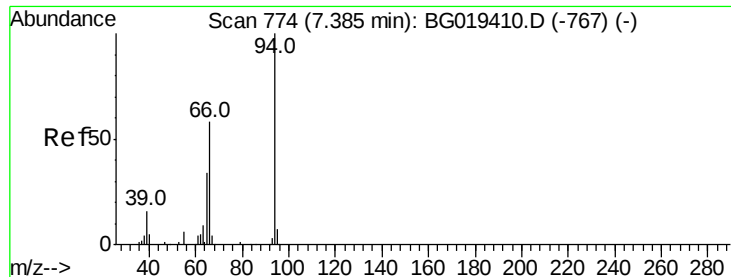
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#6

Phenol

Concen: 25.24 ng/ul

RT: 7.39 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Instrument :

BNA_G

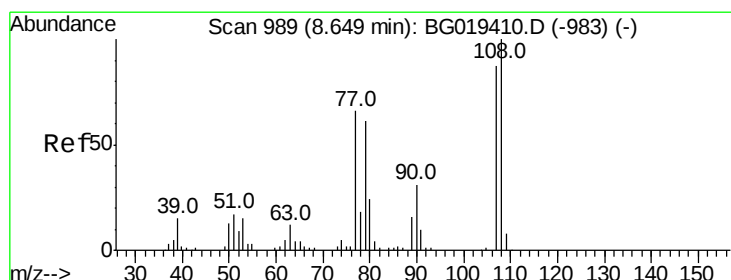
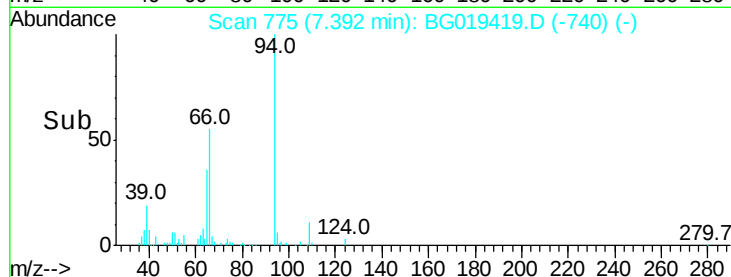
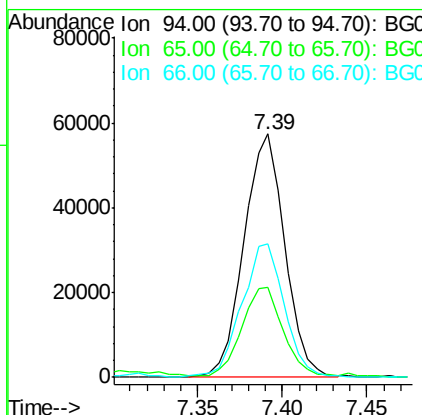
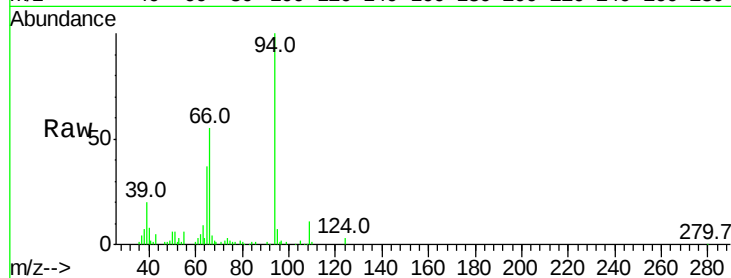
ClientSampleId :

E5LS4DL

Tot Ion:	94	Resp:	96680
Ion Ratio	Lower	Upper	
94	100		
65	36.9	29.3	43.9
66	54.7	45.0	67.6

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#11

2-Methylphenol

Concen: 95.47 ng/ul

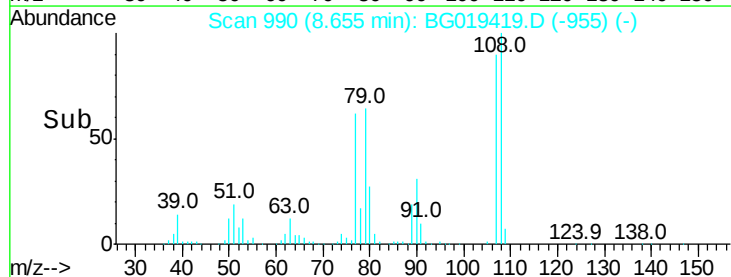
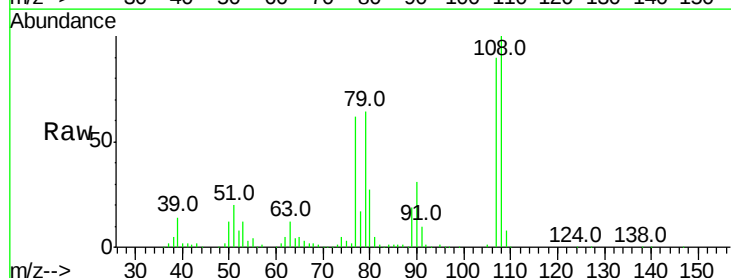
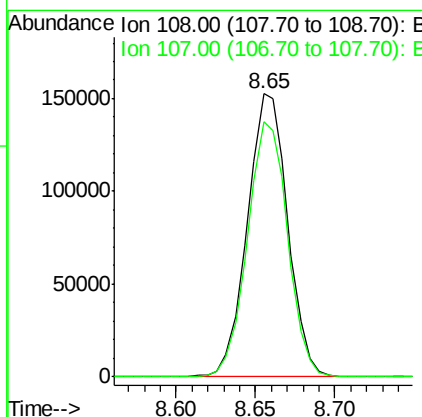
RT: 8.65 min Scan# 990

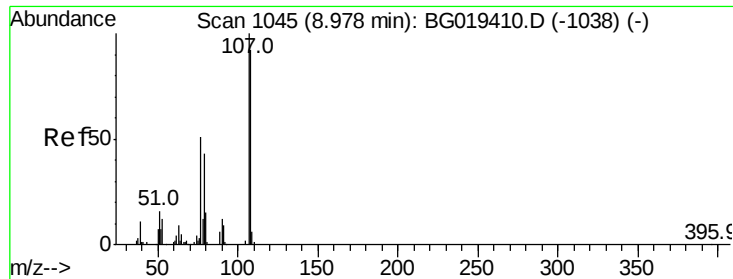
Delta R.T. 0.01 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Tgt Ion:	108	Resp:	270396
Ion Ratio	Lower	Upper	
108	100		
107	90.0	71.2	106.8





#16

4-Methylphenol

Concen: 368.45 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Instrument :

BNA_G

ClientSampleId :

E5LS4DL

Tot Ion:108 Resp: 1139573

Ion Ratio Lower Upper

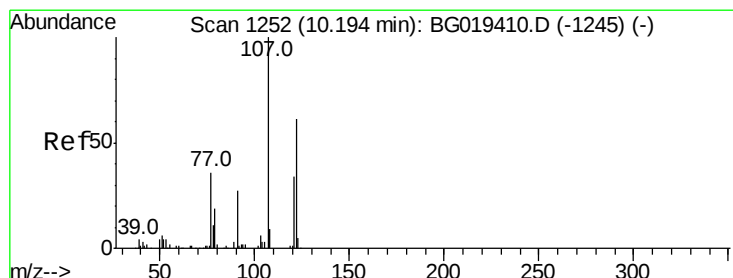
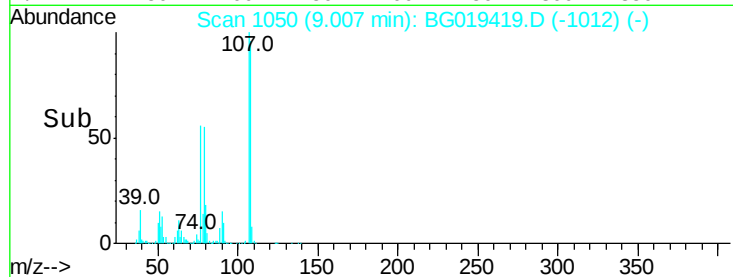
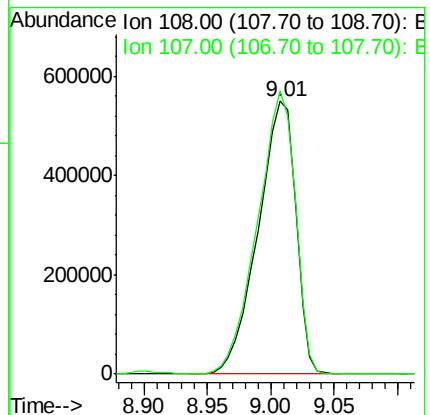
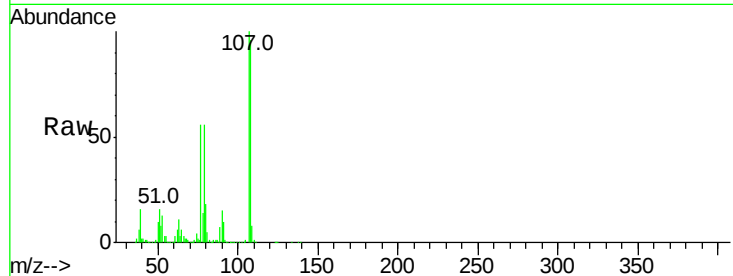
108 100

107 103.8 85.4 128.2

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#24

2,4-Dimethylphenol

Concen: 301.81 ng/ul m

RT: 10.21 min Scan# 1255

Delta R.T. 0.02 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

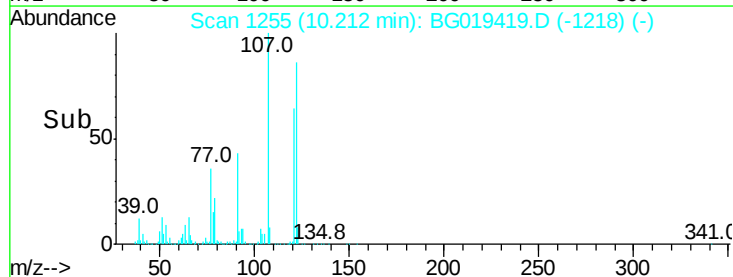
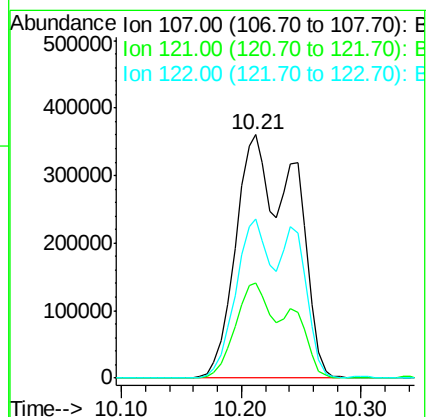
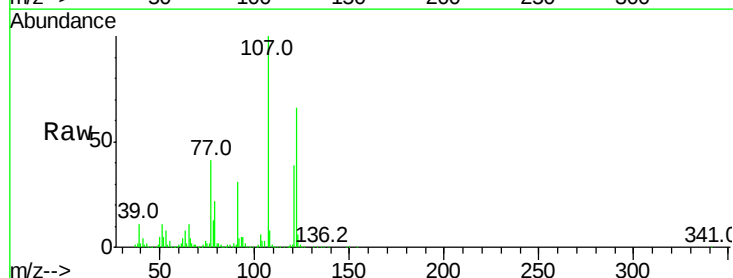
Tgt Ion:107 Resp: 1228616

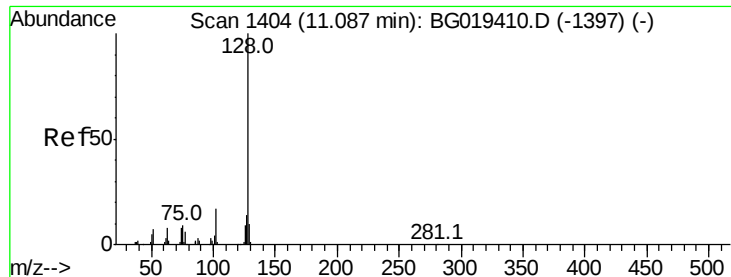
Ion Ratio Lower Upper

107 100

121 39.0 33.0 49.4

122 65.6 54.2 81.2





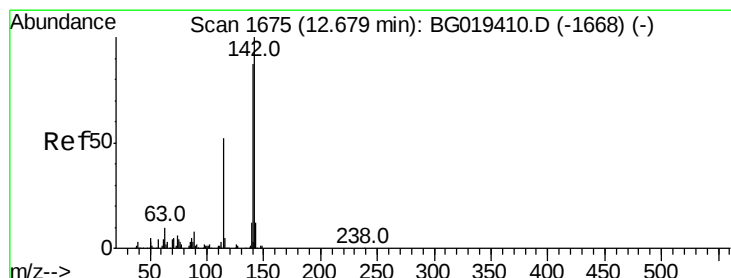
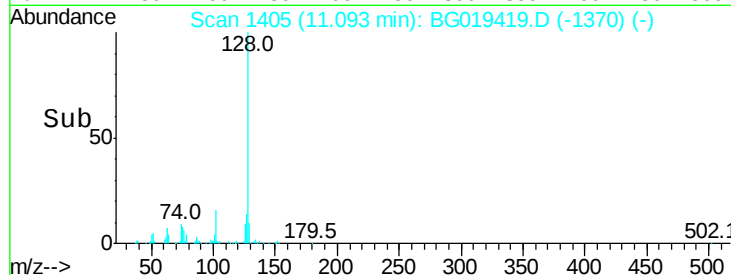
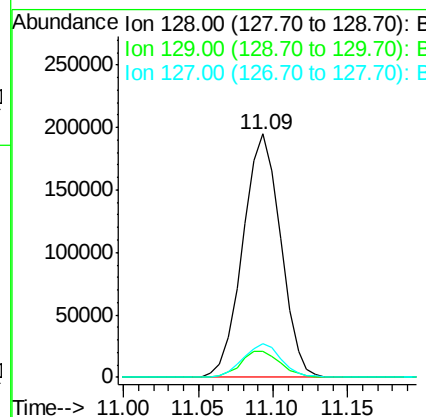
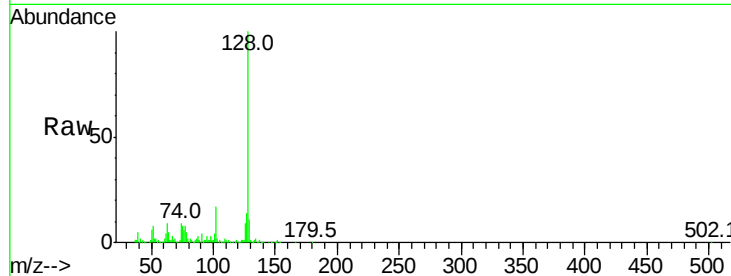
#28
Naphthalene
Concen: 43.46 ng/ul
RT: 11.09 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BG019419.D
Acq: 29 Oct 2015 16:11

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.0	13.1	19.7

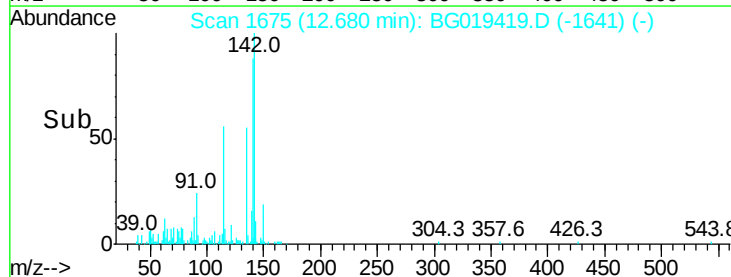
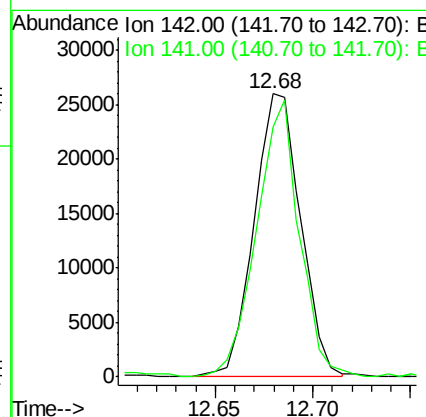
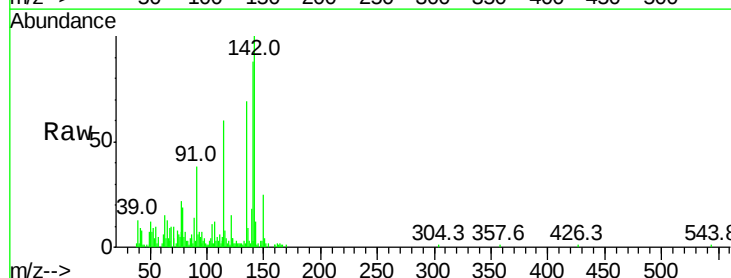
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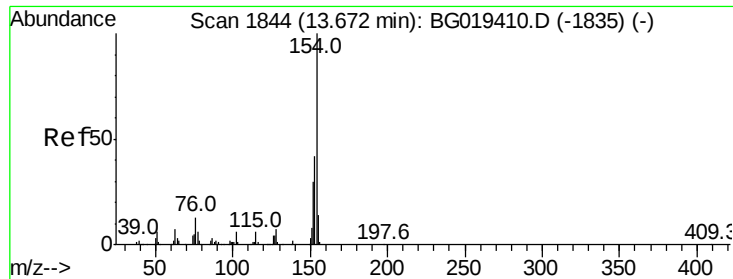
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#34
2-Methylnaphthalene
Concen: 6.77 ng/ul
RT: 12.68 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BG019419.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.4	110.2





#41
 1,1'-Biphenyl
 Concen: 1.35 ng/ul
 RT: 13.67 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BG019419.D
 Acq: 29 Oct 2015 16:11

Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	53.2	32.8	49.2#
76	13.0	7.7	11.5#

Manual Integrations
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