

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019420.D
 Acq On : 29 Oct 2015 16:49
 Operator : UM/NP
 Sample : G4120-17DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6DL

Manual Integrations
 APPROVED

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 10/30/2015 6:32:26 PM

Quant Time: Oct 30 04:21:50 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	38549	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	152949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	121355	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	289350	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	357369	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	332912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3449	4.29	ng/uL	0.00
5) Phenol-d5	7.36	99	5884m	1.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	16088	7.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	12453	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	10862	3.85	ng/ul	0.01
19) Nitrobenzene-d5	9.38	128	8050	7.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	9481	7.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	18957	6.55	ng/ul	0.01
29) 4-Chloroaniline-d4	11.18	131	6278	2.14	ng/ul	0.02
44) Dimethylphthalate-d6	14.23	166	67646	6.76	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	80334	7.25	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	2345	1.48	ng/ul	0.02
58) Fluorene-d10	15.82	176	74320	8.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	13843	7.39	ng/ul	0.00
71) Anthracene-d10	17.68	188	101668	7.71	ng/ul	0.00
79) Pyrene-d10	19.95	212	115189	7.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	124886	7.48	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.39	94	85171	22.59	ng/ul	99
11) 2-Methylphenol	8.66	108	294133	105.50	ng/ul	98
16) 4-Methylphenol	9.01	108	1139860	374.40	ng/ul	96
24) 2,4-Dimethylphenol	10.21	107	1134311m	286.53	ng/ul	
28) Naphthalene	11.09	128	205189	26.81	ng/ul	95
34) 2-Methylnaphthalene	12.68	142	23043	3.75	ng/ul	88
35) 1-Methylnaphthalene	12.90	142	20117	3.46	ng/ul#	89
57) Diethylphthalate	15.63	149	13329	1.32	ng/ul#	77

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

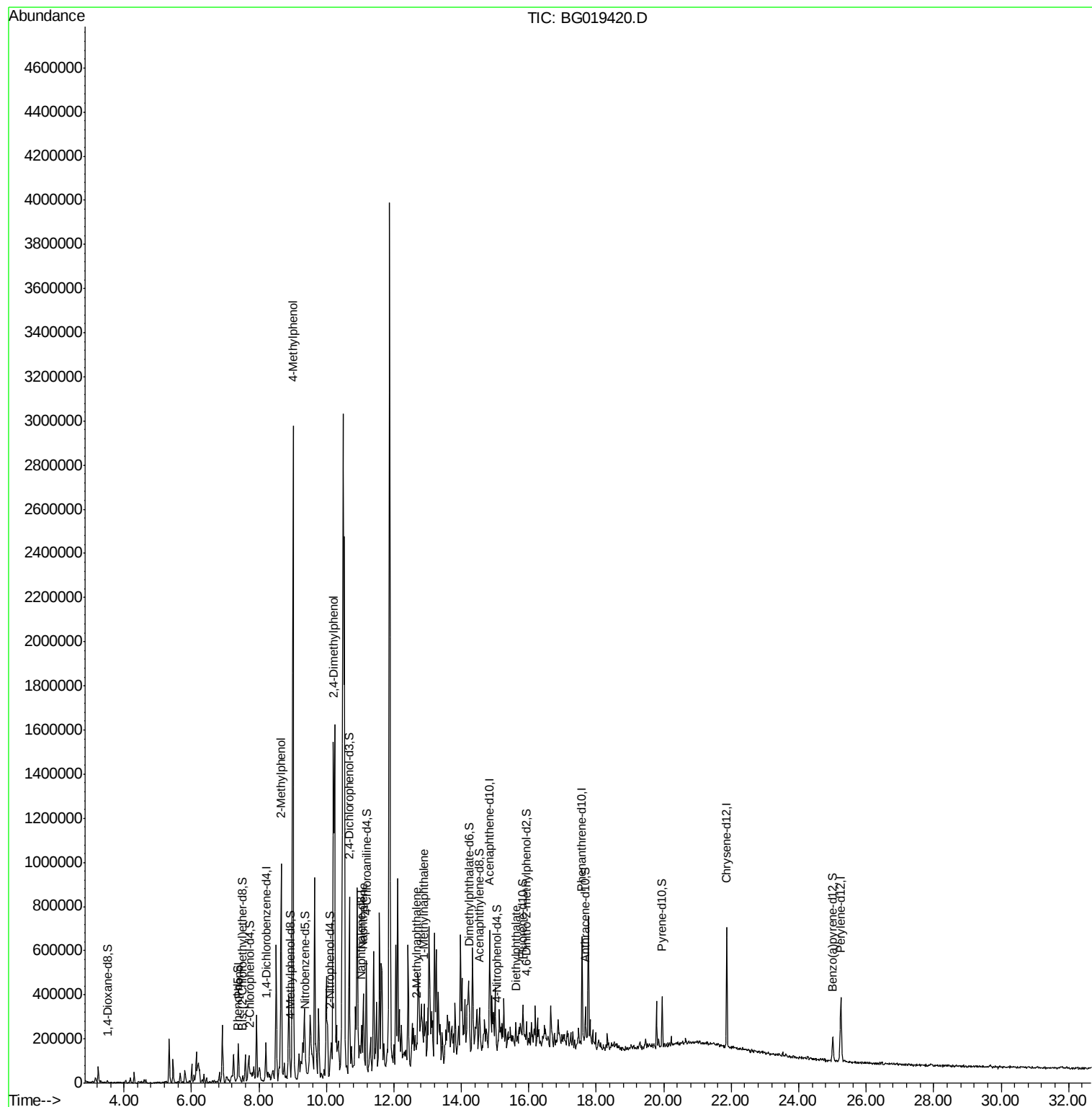
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
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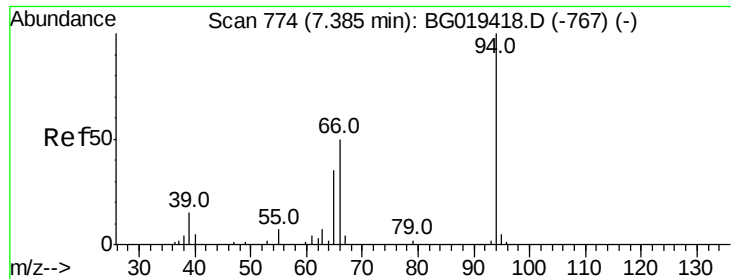
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Response via : Initial Calibration





#6

Phenol

Concen: 22.59 ng/ul

RT: 7.39 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

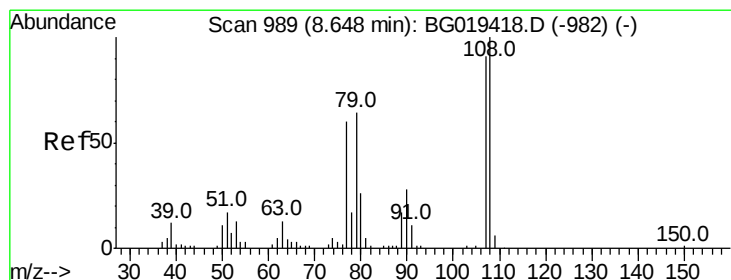
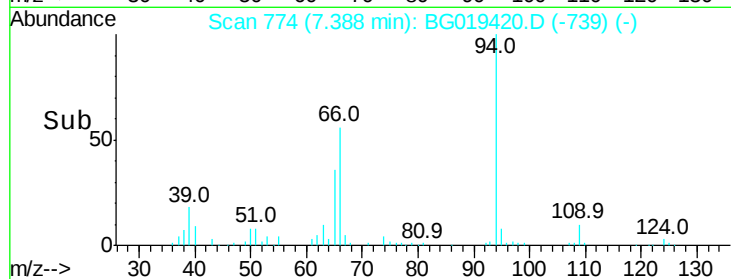
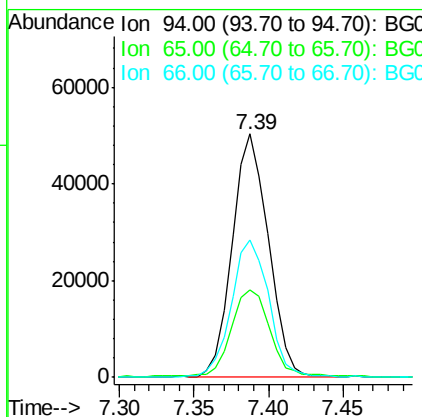
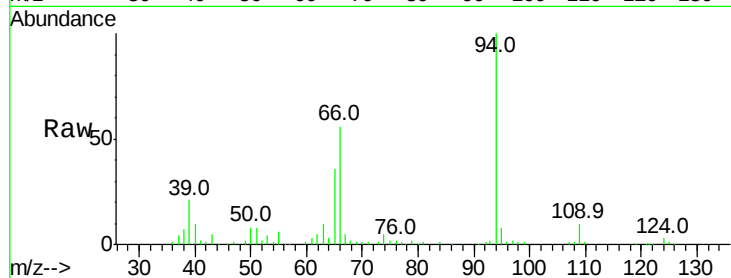
ClientSampleId :

E5LS6DL

Tot Ion:	94	Resp:	85171
Ion Ratio	Lower	Upper	
94	100		
65	35.9	29.3	43.9
66	56.2	45.0	67.6

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#11

2-Methylphenol

Concen: 105.50 ng/ul

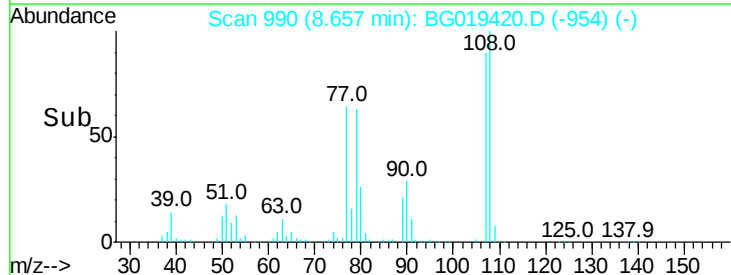
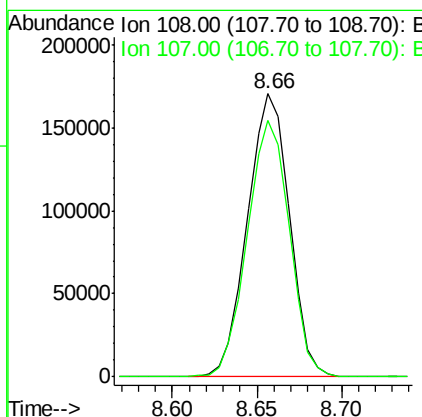
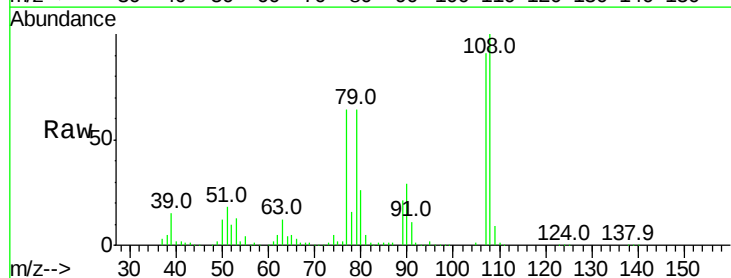
RT: 8.66 min Scan# 990

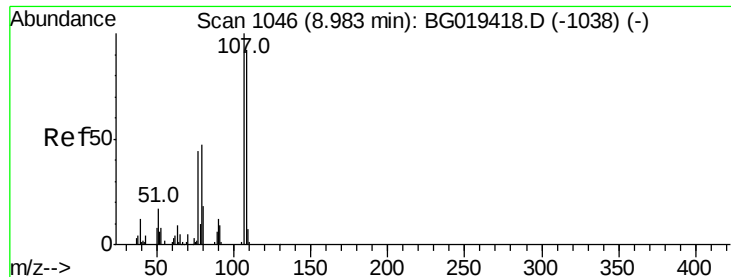
Delta R.T. 0.01 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Tgt Ion:	108	Resp:	294133
Ion Ratio	Lower	Upper	
108	100		
107	90.6	71.2	106.8





#16

4-Methylphenol

Concen: 374.40 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

ClientSampleId :

E5LS6DL

Tot Ion:108 Resp: 1139860

Ion Ratio Lower Upper

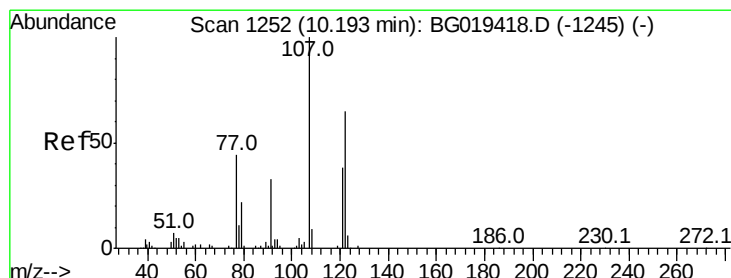
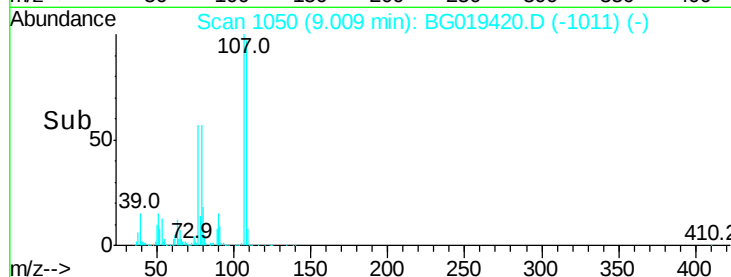
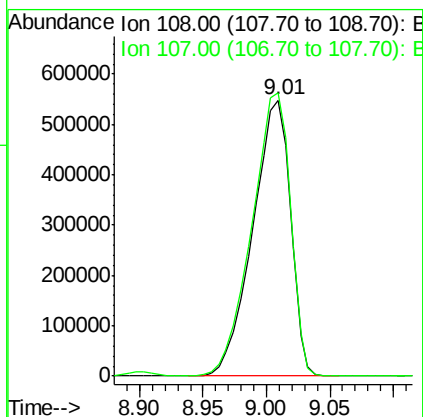
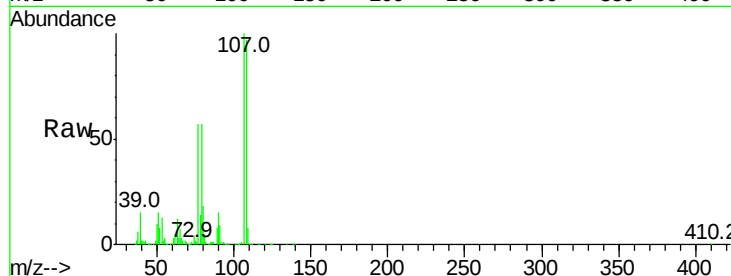
108 100

107 102.7 85.4 128.2

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#24

2,4-Dimethylphenol

Concen: 286.53 ng/ul m

RT: 10.21 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

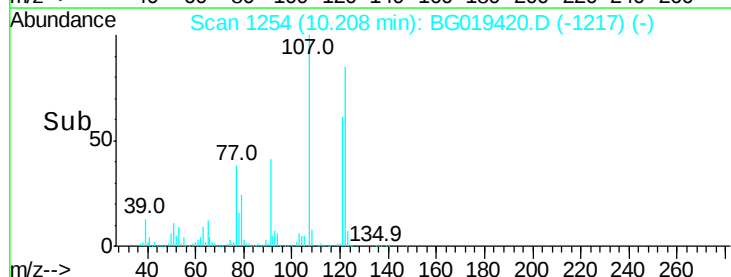
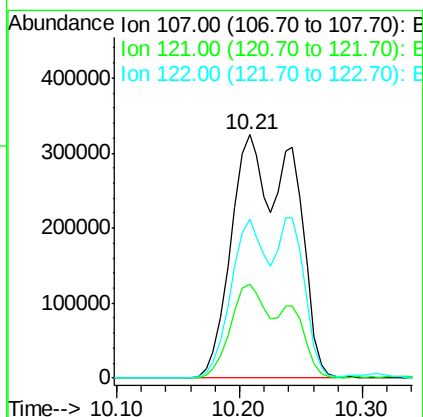
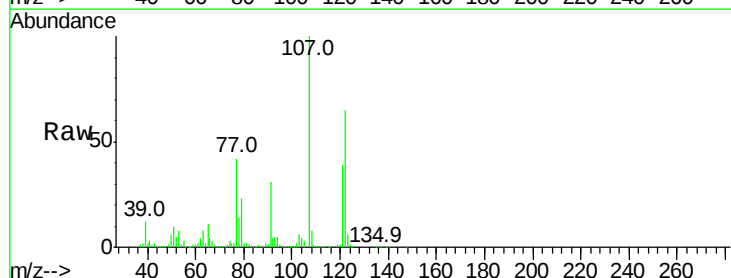
Tgt Ion:107 Resp: 1134311

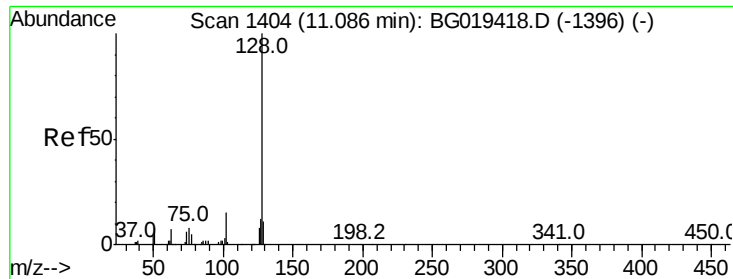
Ion Ratio Lower Upper

107 100

121 38.7 33.0 49.4

122 65.2 54.2 81.2





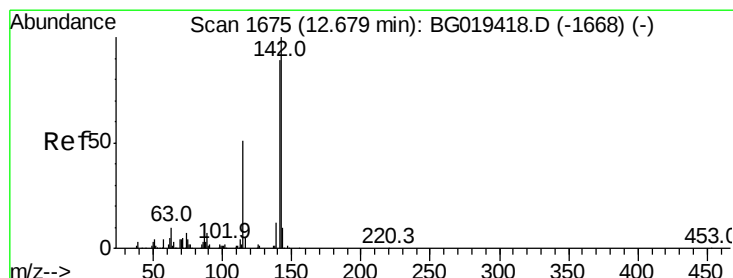
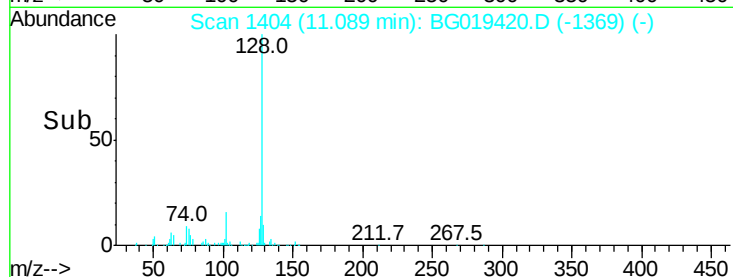
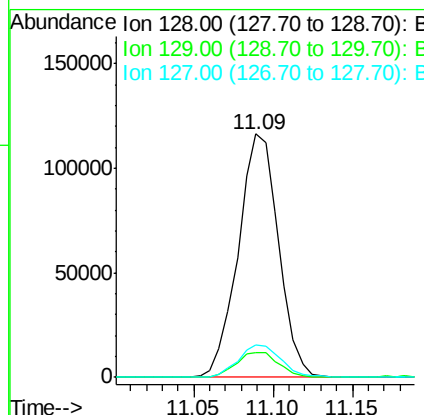
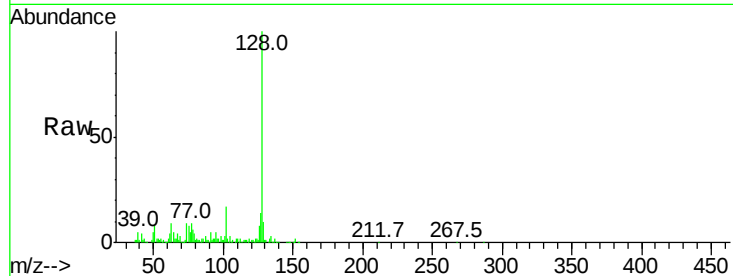
#28
Naphthalene
Concen: 26.81 ng/ul
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG019420.D
Acq: 29 Oct 2015 16:49

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.5	13.1	19.7

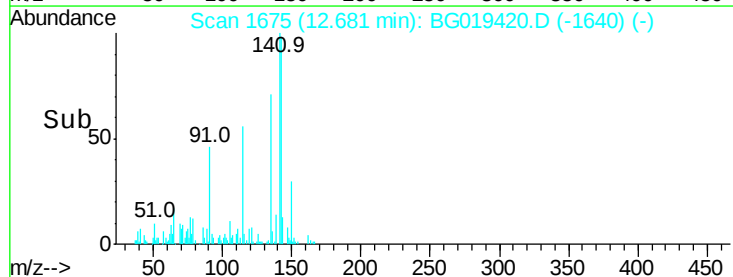
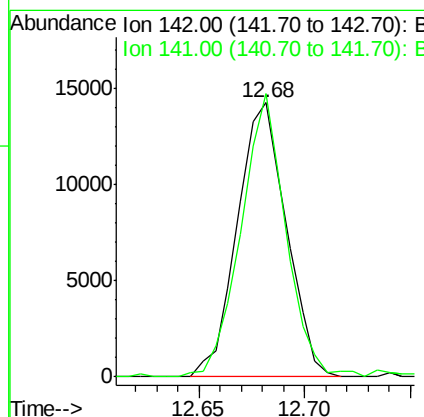
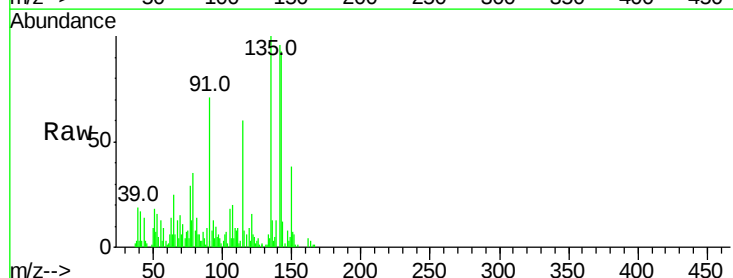
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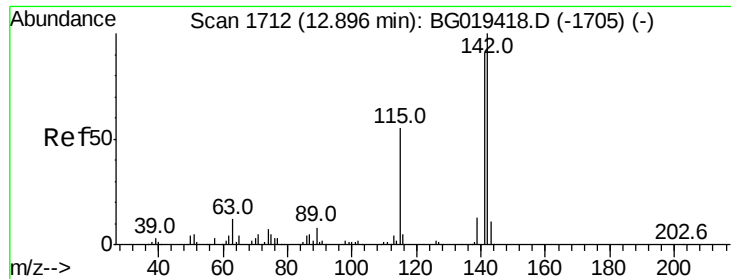
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#34
2-Methylnaphthalene
Concen: 3.75 ng/ul
RT: 12.68 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BG019420.D
Acq: 29 Oct 2015 16:49

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	103.3	73.4	110.2





#35

1-Methylnaphthalene

Concen: 3.46 ng/ul

RT: 12.90 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

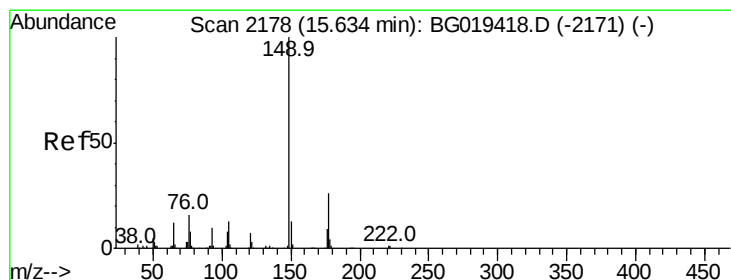
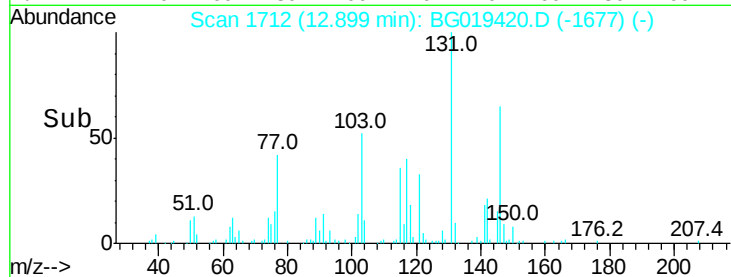
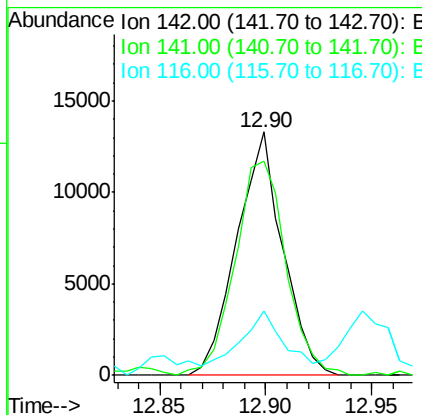
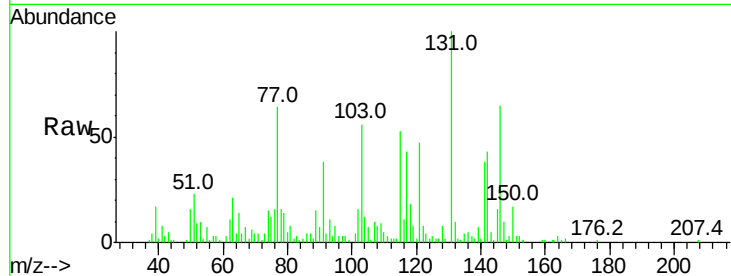
ClientSampleId :

E5LS6DL

Tot Ion:	142	Resp:	20117
Ion Ratio	Lower	Upper	
142	100		
141	87.8	76.5	114.7
116	26.4	5.4	8.0#

Manual Integrations
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#57

Diethylphthalate

Concen: 1.32 ng/ul

RT: 15.63 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Tgt Ion:	149	Resp:	13329
Ion Ratio	Lower	Upper	
149	100		
177	37.6	20.6	30.8#
150	23.4	11.2	16.8#

