

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Manual Integrations
 APPROVED

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 10/30/2015 6:32:09 PM

Quant Time: Nov 10 16:33:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	35784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	144465m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	130260m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	268432m	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	320838m	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	302966m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4244	5.68	ng/uL	-0.01
5) Phenol-d5	7.36	99	19859	6.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	51843	24.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	41850	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	37701	14.41	ng/ul	0.01
19) Nitrobenzene-d5	9.38	128	27478m	25.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	31803m	25.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	62844m	22.98	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.24	166	224655m	20.92	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	255040m	21.44	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10379m	6.08	ng/ul	0.04
58) Fluorene-d10	15.82	176	252572m	25.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	48641m	28.00	ng/ul	0.00
71) Anthracene-d10	17.67	188	333576m	27.26	ng/ul	0.00
79) Pyrene-d10	19.95	212	371909m	26.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	400863m	26.37	ng/ul	0.00

Target Compounds

						Qvalue
11) 2-Methylphenol	8.66	108	5308m	2.05	ng/ul	
14) Acetophenone	9.02	105	8112	1.85	ng/ul#	76
16) 4-Methylphenol	8.99	108	24045	8.51	ng/ul#	79
24) 2,4-Dimethylphenol	10.20	107	366724m	98.08	ng/ul	
28) Naphthalene	11.09	128	22554m	3.12	ng/ul	
35) 1-Methylnaphthalene	12.90	142	34229m	6.23	ng/ul	
41) 1,1'-Biphenyl	13.67	154	11997m	1.30	ng/ul	
57) Diethylphthalate	15.63	149	55030m	5.07	ng/ul	

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

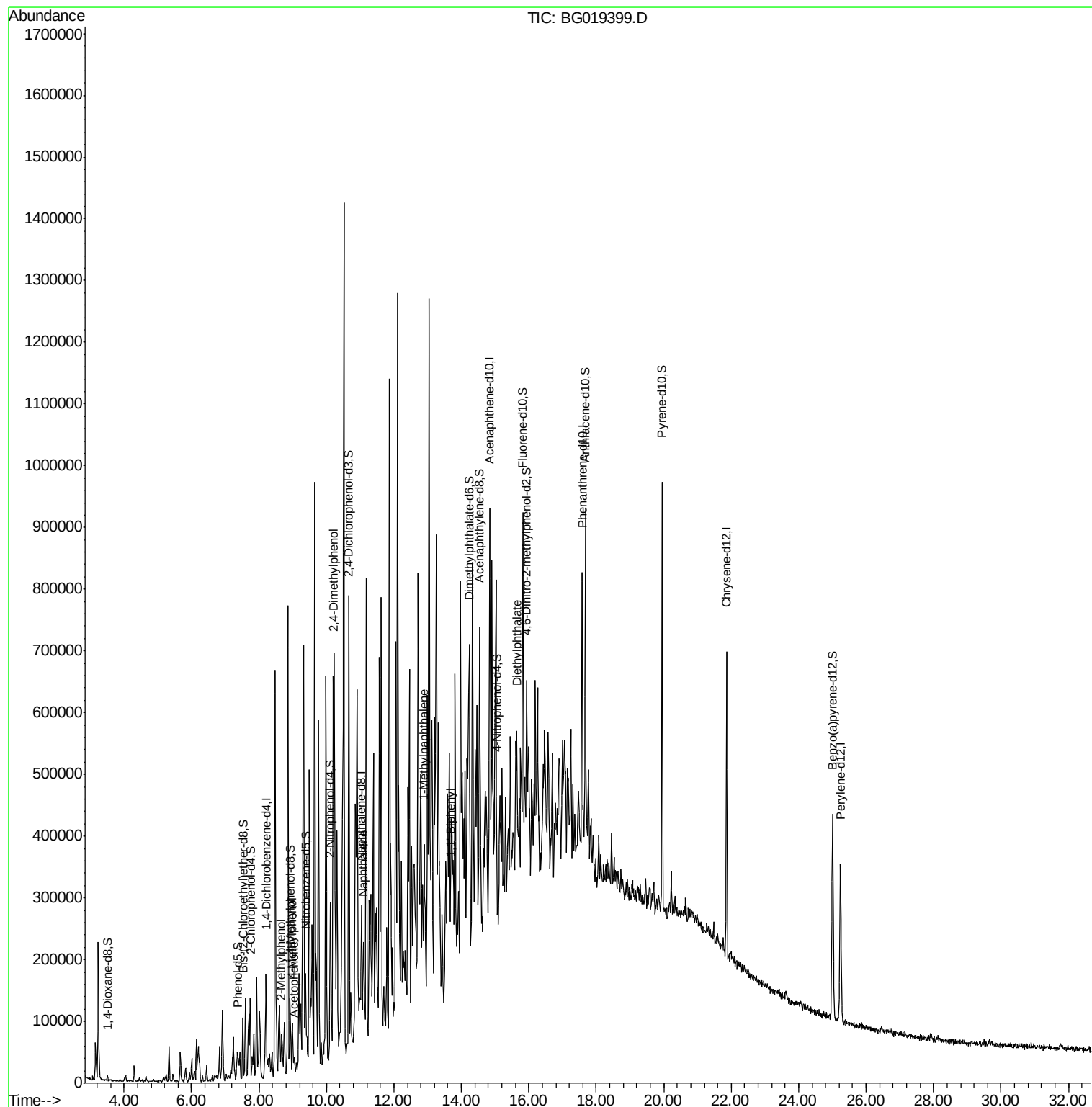
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019399.D
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ALS Vial : 20 Sample Multiplier: 1

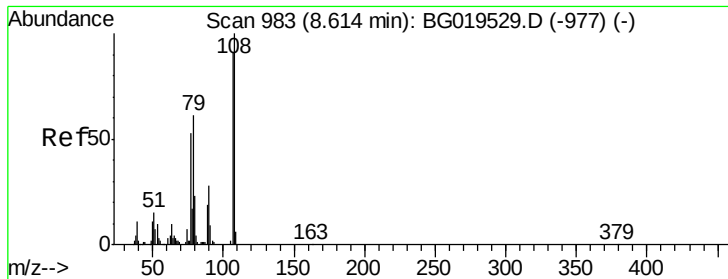
Instrument :
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ClientSampleId :
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Quant Time: Nov 10 16:33:04 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





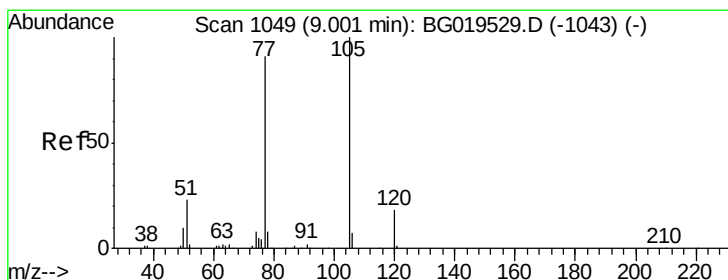
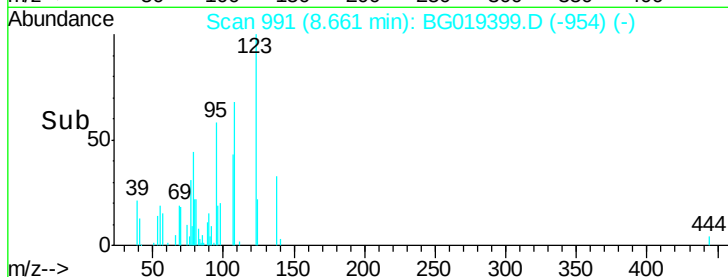
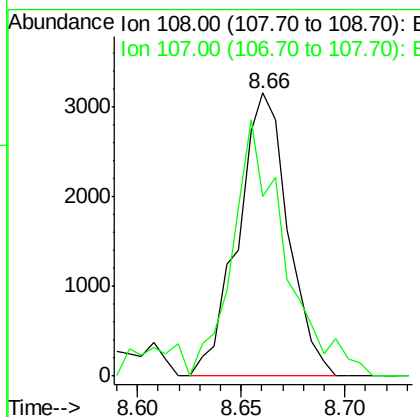
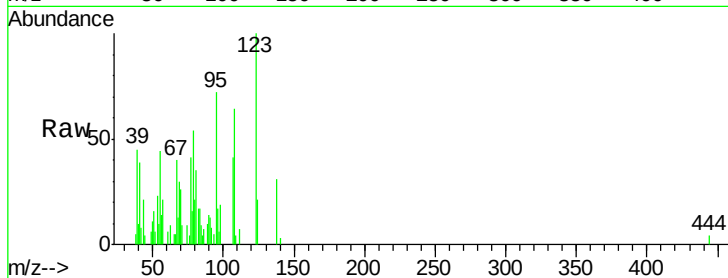
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2-Methylphenol
Concen: 2.05 ng/ul m
RT: 8.66 min Scan# 991
Delta R.T. 0.02 min
Lab File: BG019399.D
Acq: 29 Oct 2015 2:46

Instrument :
BNA_G
ClientSampleId :
E5LT6

Tgt Ion:108 Resp: 5308
Ion Ratio Lower Upper
108 100
107 63.4 71.2 106.8#

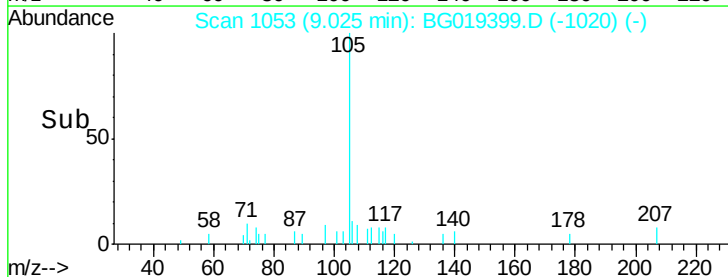
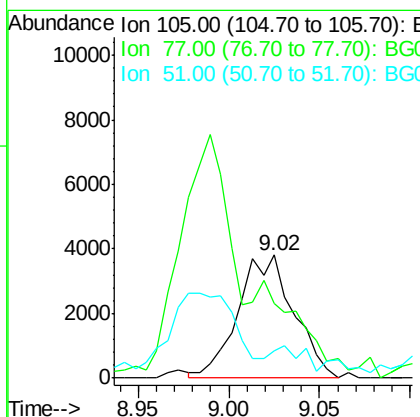
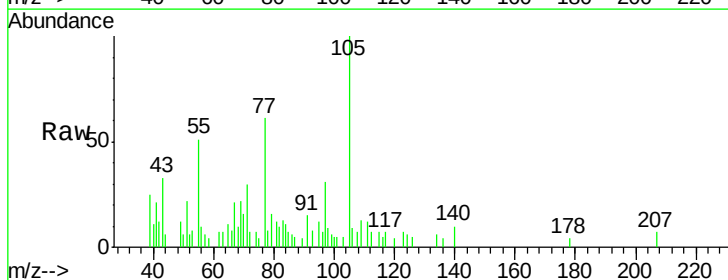
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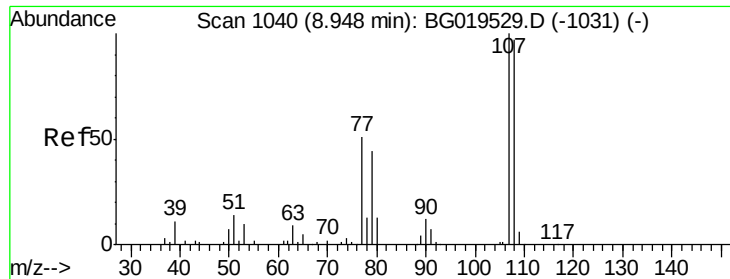
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#14
Acetophenone
Concen: 1.85 ng/ul
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG019399.D
Acq: 29 Oct 2015 2:46

Tgt Ion:105 Resp: 8112
Ion Ratio Lower Upper
105 100
77 60.6 69.5 104.3#
51 22.5 21.8 32.6





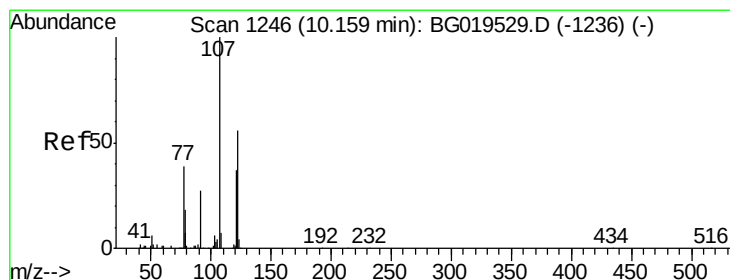
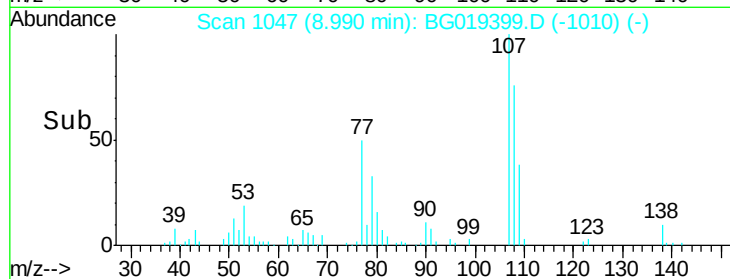
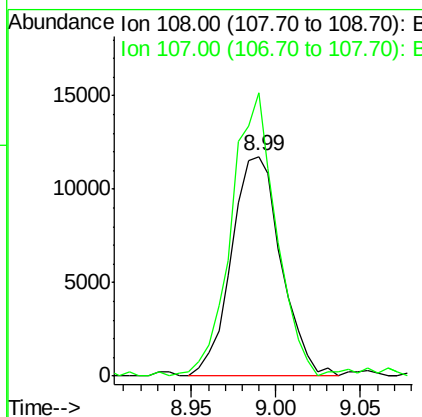
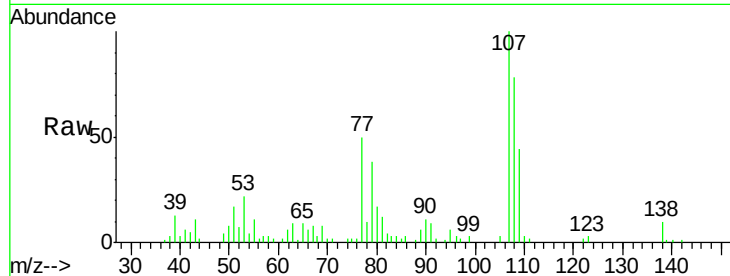
#16
4-Methylphenol
Concen: 8.51 ng/ul
RT: 8.99 min Scan# 1047
Delta R.T. 0.02 min
Lab File: BG019399.D
Acq: 29 Oct 2015 2:46

Instrument :
BNA_G
ClientSampleId :
E5LT6

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	24045		
107	129.0	85.4	128.2#	

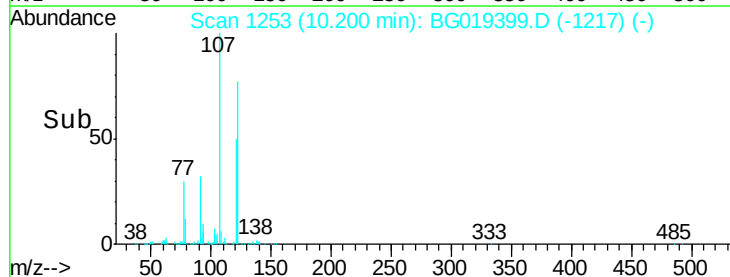
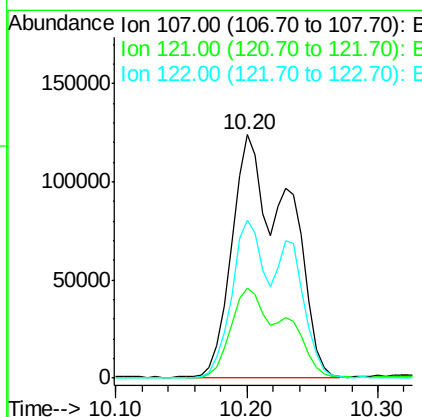
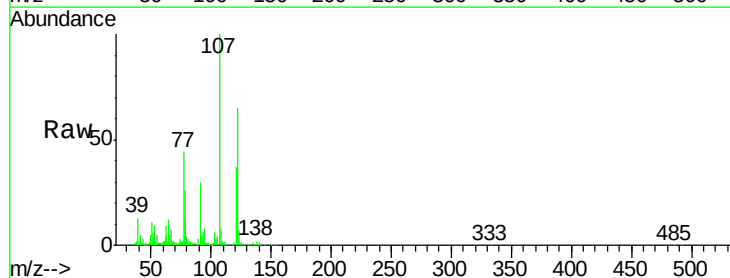
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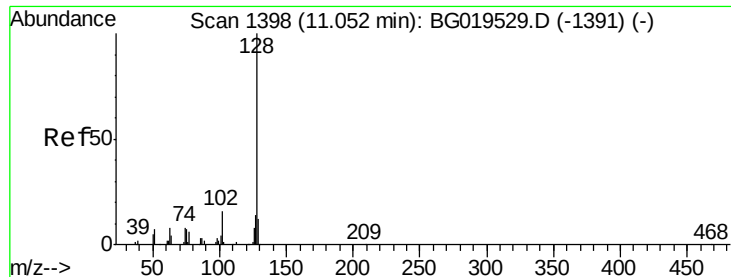
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#24
2,4-Dimethylphenol
Concen: 98.08 ng/ul m
RT: 10.20 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BG019399.D
Acq: 29 Oct 2015 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	366724		
121	37.2	33.0	49.4	
122	65.0	54.2	81.2	





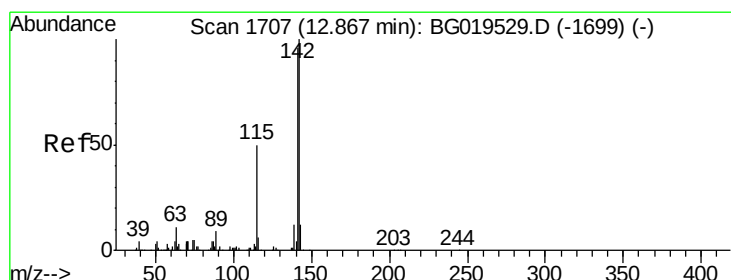
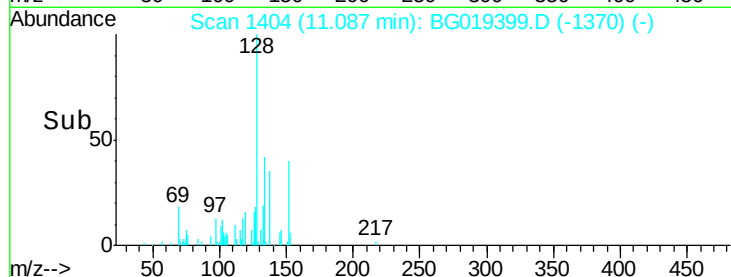
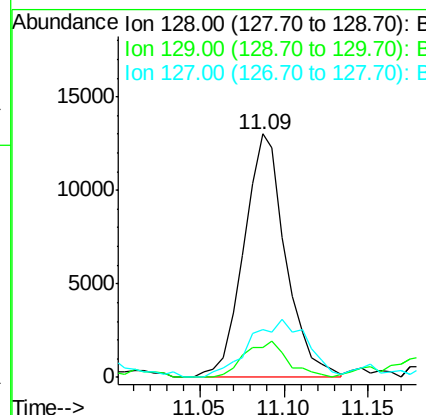
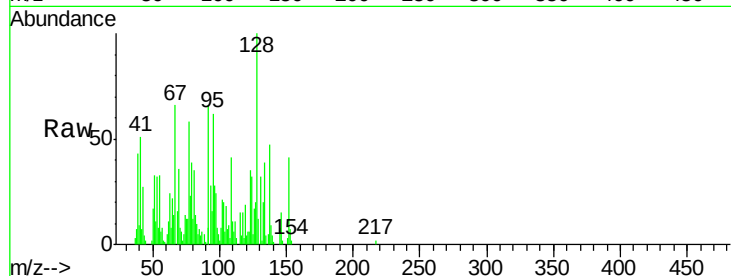
#28
Naphthalene
Concen: 3.12 ng/ul m
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG019399.D
Acq: 29 Oct 2015 2:46

Instrument :
BNA_G
ClientSampleId :
E5LT6

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.2	8.9	13.3
127	19.8	13.1	19.7

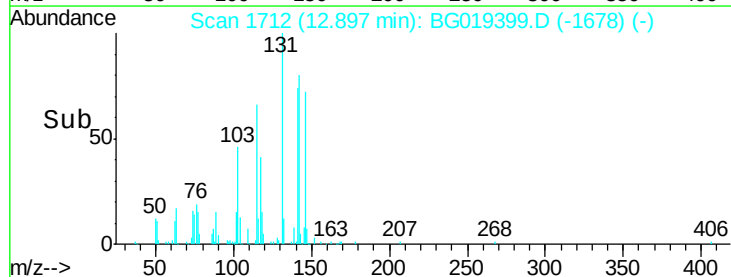
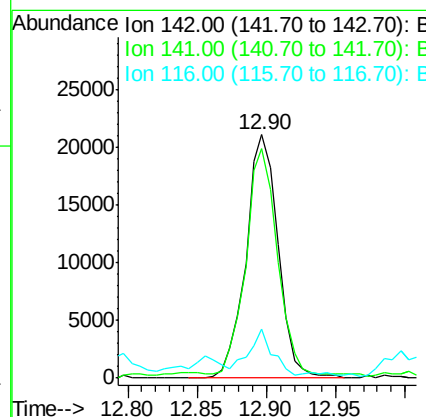
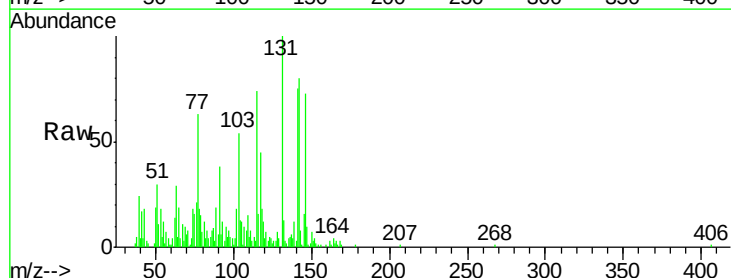
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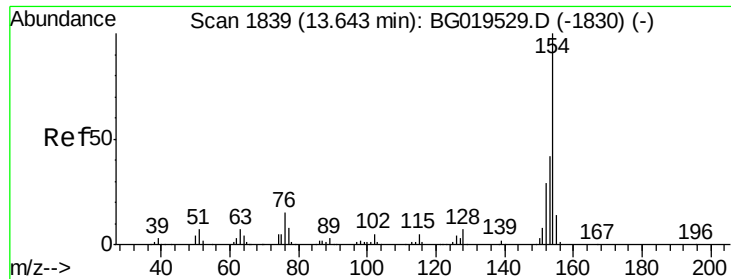
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#35
1-Methylnaphthalene
Concen: 6.23 ng/ul m
RT: 12.90 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG019399.D
Acq: 29 Oct 2015 2:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	94.3	76.5	114.7
116	20.3	5.4	8.0





#41

1,1'-Biphenyl

Concen: 1.30 ng/ul m

RT: 13.67 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BG019399.D

Acq: 29 Oct 2015 2:46

Instrument :

BNA_G

ClientSampled :

E5LT6

Tgt Ion:154 Resp: 11997
Ion Ratio Lower Upper

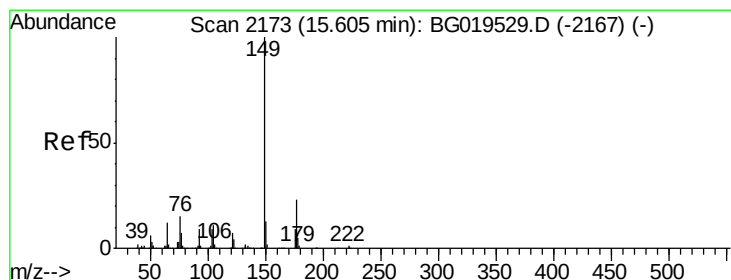
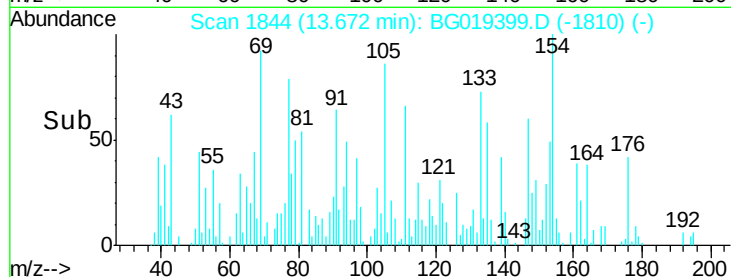
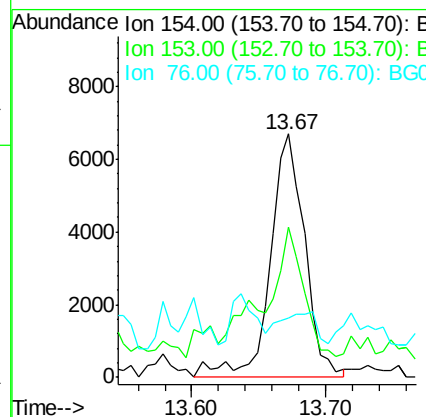
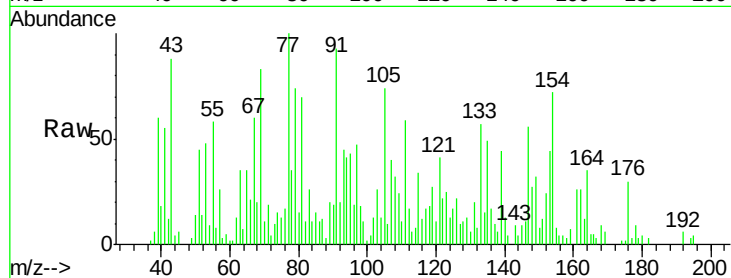
154 100

153 61.5 32.8 49.2#

76 24.2 7.7 11.5#

Manual Integrations
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#57

Diethylphthalate

Concen: 5.07 ng/ul m

RT: 15.63 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BG019399.D

Acq: 29 Oct 2015 2:46

Tgt Ion:149 Resp: 55030
Ion Ratio Lower Upper

149 100

177 28.6 20.6 30.8

150 15.3 11.2 16.8

