

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
 Data File : BG019429.D
 Acq On : 30 Oct 2015 11:33
 Operator : UM/NP
 Sample : G3996-18DL2 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL2

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 11:45:34 AM

Quant Time: Nov 01 04:36:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 31 01:51:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	32654	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	134786m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	105133m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	270692m	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	334630m	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	303317m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	376	0.55	ng/uL	0.00
5) Phenol-d5	7.36	99	1505	0.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	928	0.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	905	0.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	1065m	0.45	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	758	0.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	310	0.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	1207	0.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	6020m	2.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	4833m	0.56	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	5525m	0.58	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	16.02	176	201	0.03	ng/ul	0.19
63) 4,6-Dinitro-2-methylphenol	16.13	200	390	0.22	ng/ul	0.19
71) Anthracene-d10	17.67	188	9660m	0.78	ng/ul	0.00
79) Pyrene-d10	19.95	212	8294m	0.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	8050m	0.53	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.38	94	53835	16.86	ng/ul 97
11) 2-Methylphenol	8.65	108	76900	32.56	ng/ul 93
14) Acetophenone	9.03	105	15154	3.78	ng/ul 92
16) 4-Methylphenol	8.98	108	155673	60.36	ng/ul 97
24) 2,4-Dimethylphenol	10.22	107	154238m	44.21	ng/ul
28) Naphthalene	11.09	128	93361	13.84	ng/ul 96
34) 2-Methylnaphthalene	12.67	142	48920m	9.03	ng/ul
35) 1-Methylnaphthalene	12.89	142	29718	5.80	ng/ul 93
41) 1,1'-Biphenyl	13.67	154	16489m	2.22	ng/ul
54) Dibenzofuran	15.23	168	25367m	2.59	ng/ul
59) Fluorene	15.87	166	18578m	2.18	ng/ul
70) Phenanthrene	17.61	178	38402m	2.81	ng/ul

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

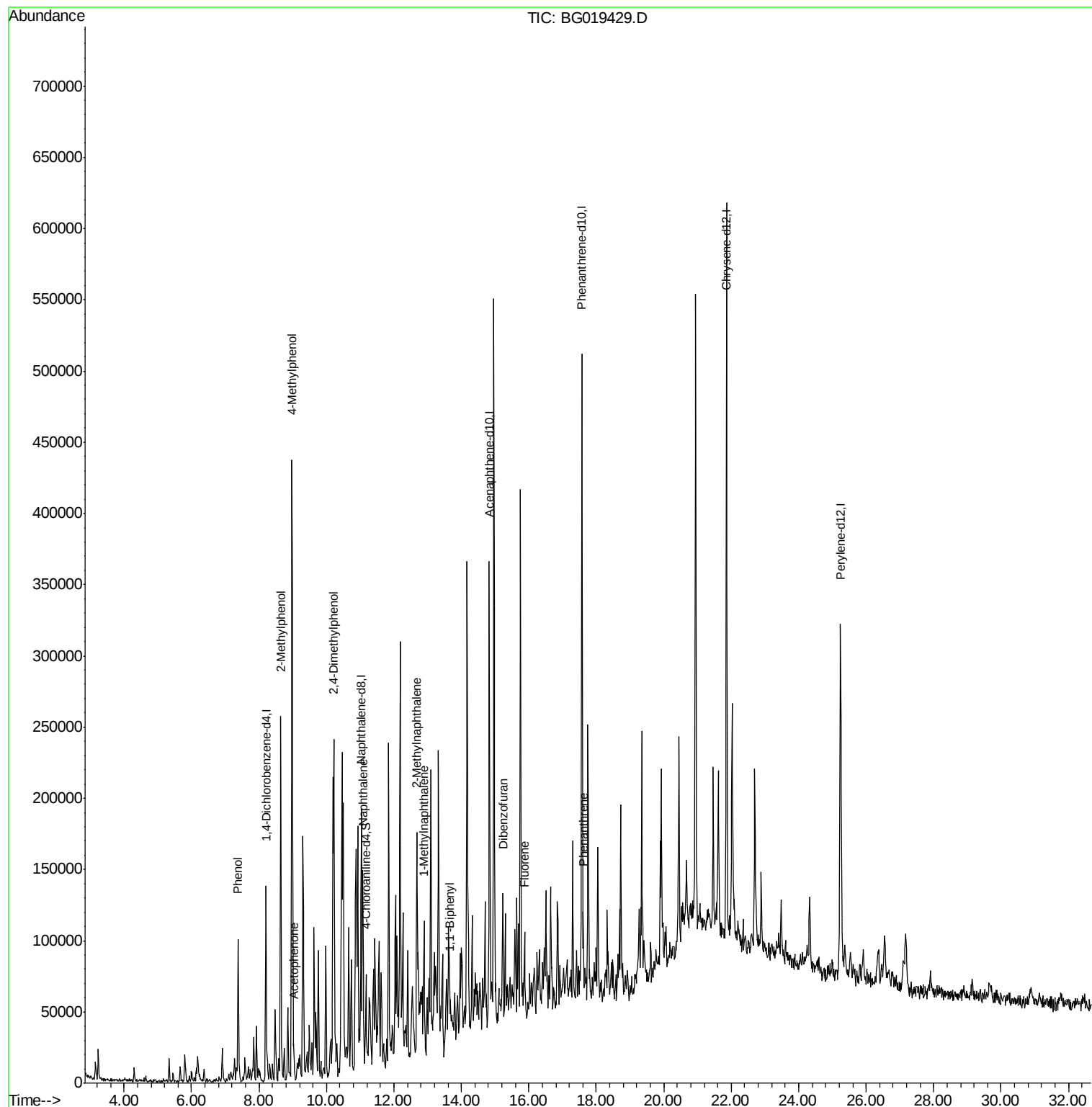
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019429.D
Acq On : 30 Oct 2015 11:33
Operator : UM/NP
Sample : G3996-18DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

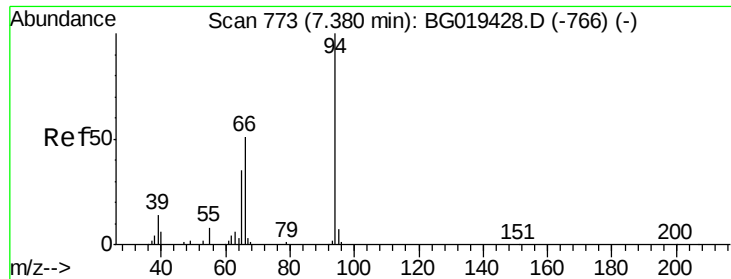
Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 11:45:34 AM

Quant Time: Nov 01 04:36:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 31 01:51:35 2015
Response via : Initial Calibration





#6

Phenol

Concen: 16.86 ng/ul

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG019429.D

Acq: 30 Oct 2015 11:33

Instrument :

BNA_G

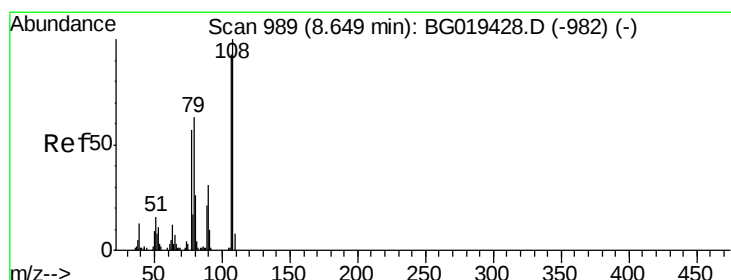
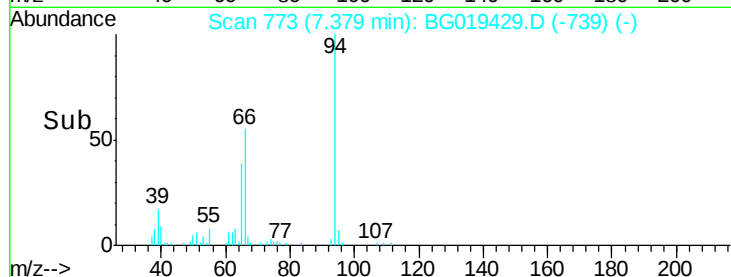
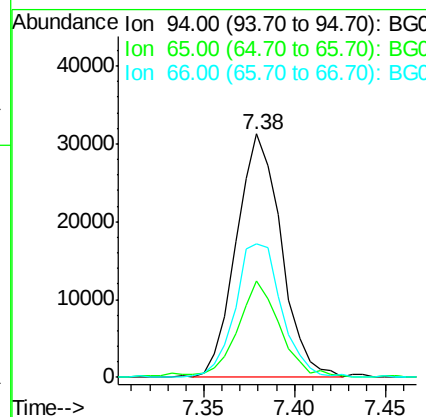
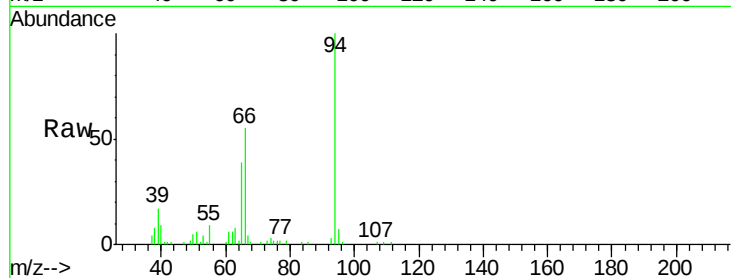
ClientSampleId :

E5LK7DL2

Tgt Ion:	94	Resp:	53835
Ion Ratio	Lower	Upper	
94	100		
65	39.4	29.3	43.9
66	55.1	45.0	67.6

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 11:45:34 AM



#11

2-Methylphenol

Concen: 32.56 ng/ul

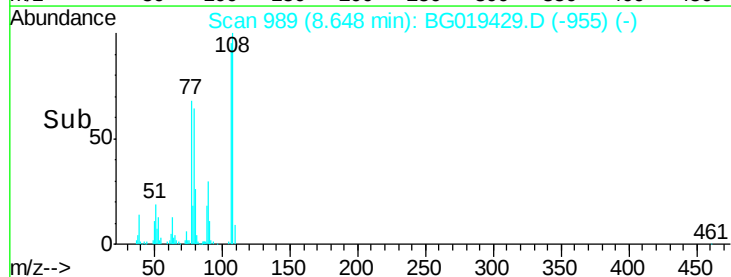
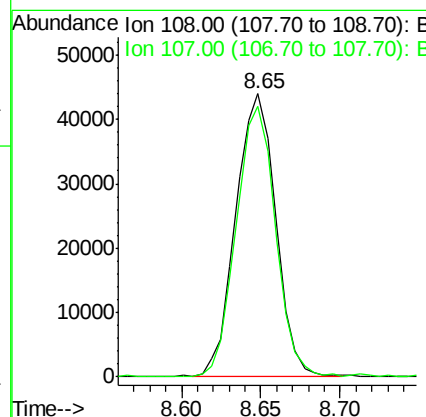
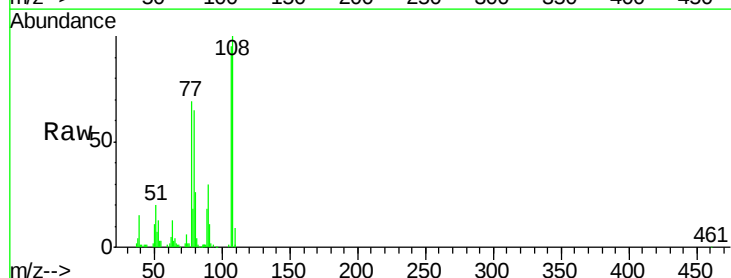
RT: 8.65 min Scan# 989

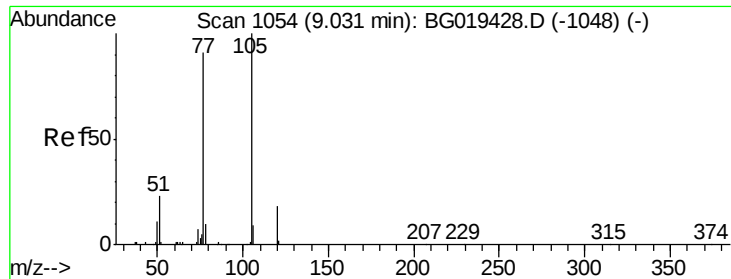
Delta R.T. -0.00 min

Lab File: BG019429.D

Acq: 30 Oct 2015 11:33

Tgt Ion:	108	Resp:	76900
Ion Ratio	Lower	Upper	
108	100		
107	95.5	71.2	106.8





#14

Acetophenone

Concen: 3.78 ng/ul

RT: 9.03 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG019429.D

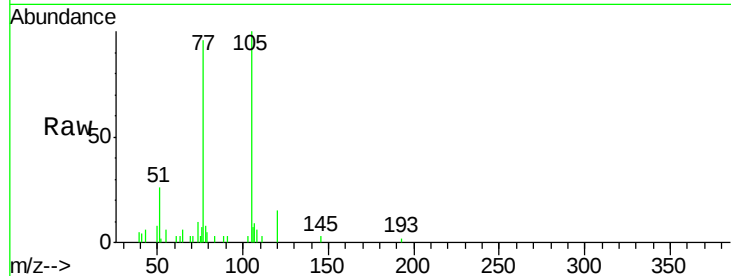
Acq: 30 Oct 2015 11:33

Instrument :

BNA_G

ClientSampleId :

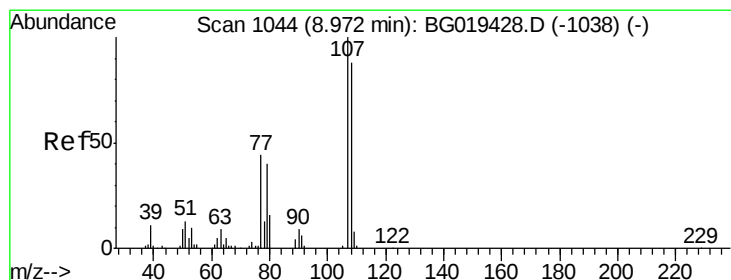
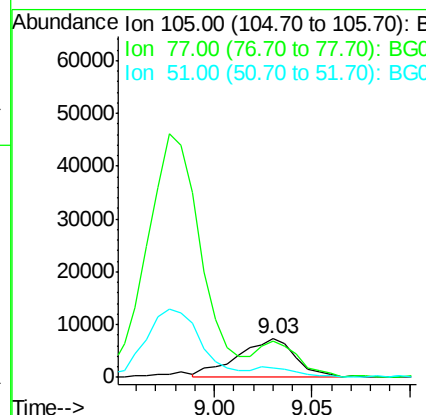
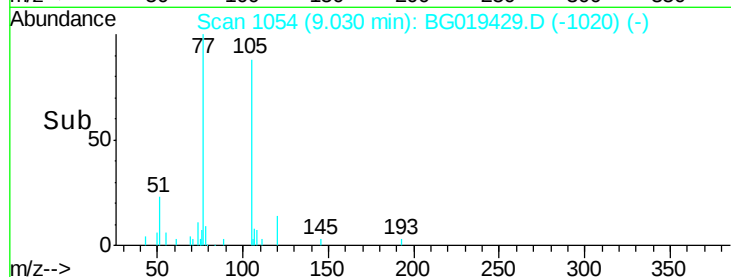
E5LK7DL2



Tgt Ion	Ratio	Lower	Upper
105	100		
77	95.9	69.5	104.3
51	25.6	21.8	32.6

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 11:45:34 AM



#16

4-Methylphenol

Concen: 60.36 ng/ul

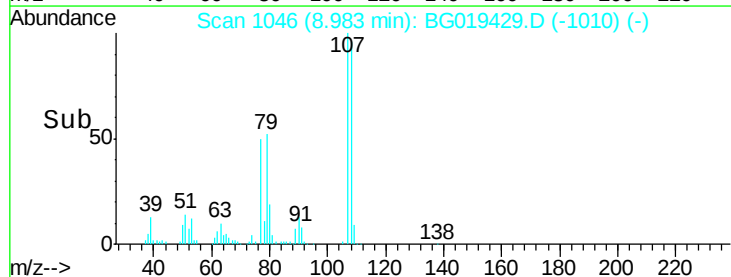
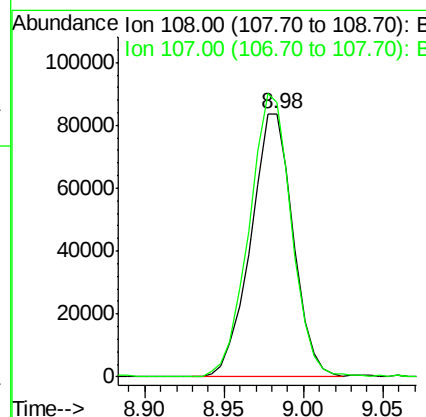
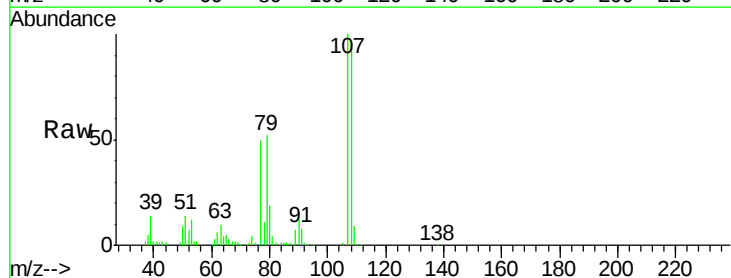
RT: 8.98 min Scan# 1046

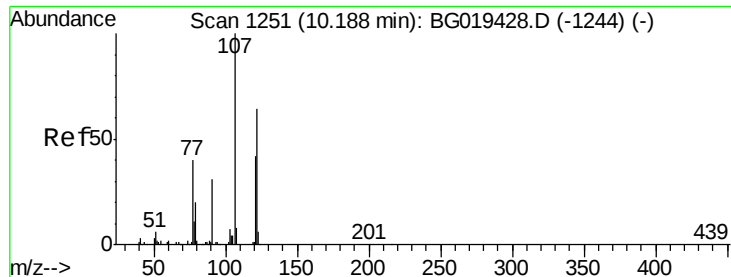
Delta R.T. 0.01 min

Lab File: BG019429.D

Acq: 30 Oct 2015 11:33

Tgt Ion	Ratio	Lower	Upper
108	100		
107	104.2	85.4	128.2





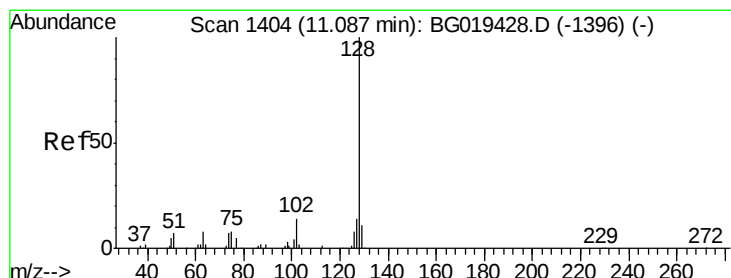
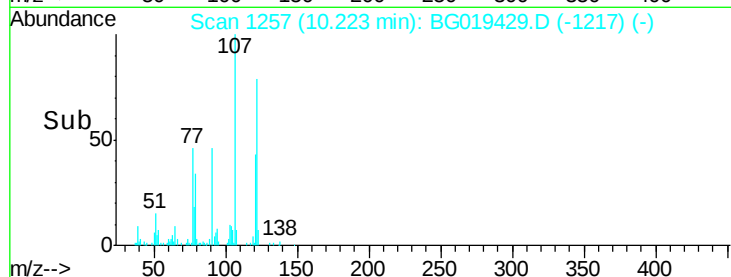
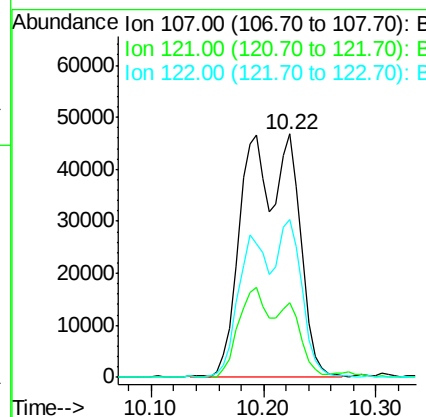
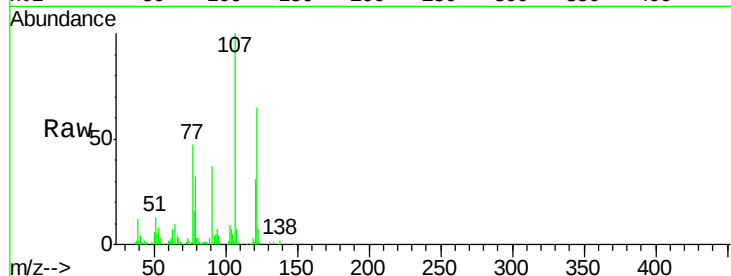
#24
2,4-Dimethylphenol
Concen: 44.21 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.03 min
Lab File: BG019429.D
Acq: 30 Oct 2015 11:33

Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	30.8	33.0	49.4#
122	65.1	54.2	81.2

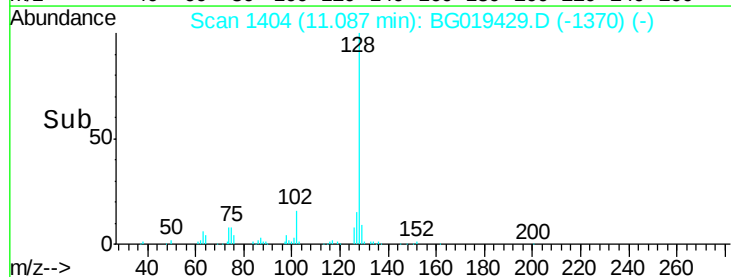
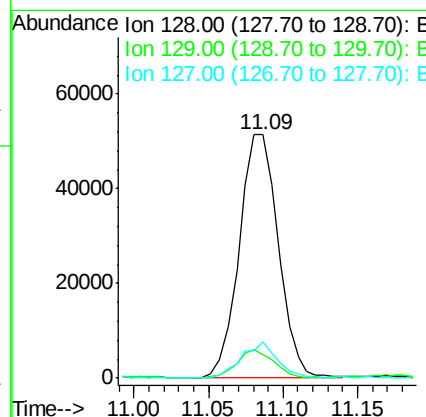
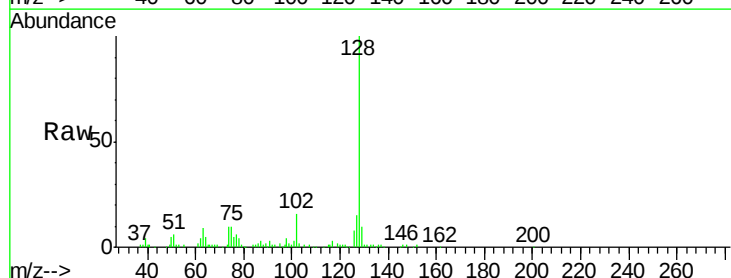
Manual Integrations
APPROVED

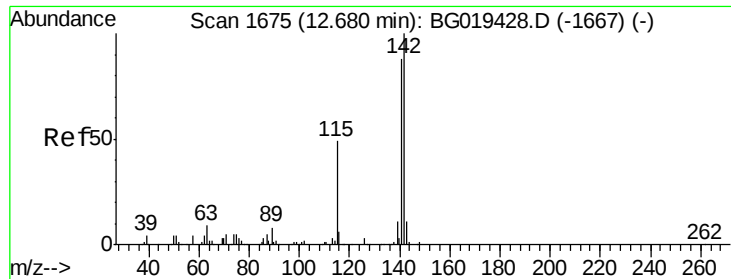
Mmdadoda
11/2/2015 11:45:34 AM



#28
Naphthalene
Concen: 13.84 ng/ul
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG019429.D
Acq: 30 Oct 2015 11:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	9.8	8.9	13.3
127	14.8	13.1	19.7





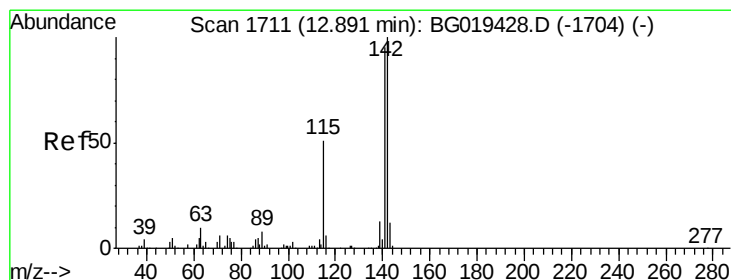
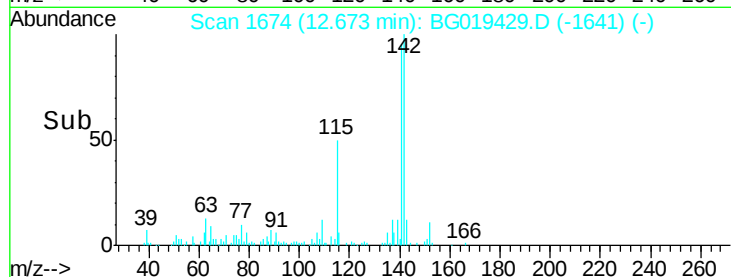
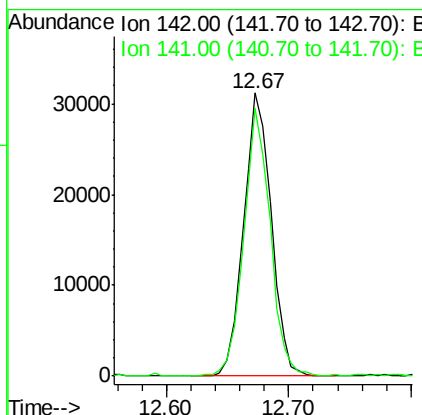
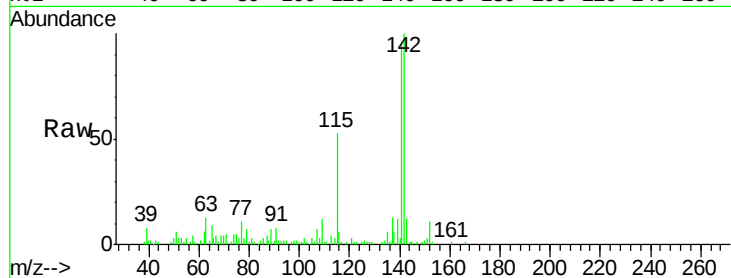
#34
2-Methylnaphthalene
Concen: 9.03 ng/ul m
RT: 12.67 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BG019429.D
Acq: 30 Oct 2015 11:33

Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	48920		
141	94.6	73.4	110.2	

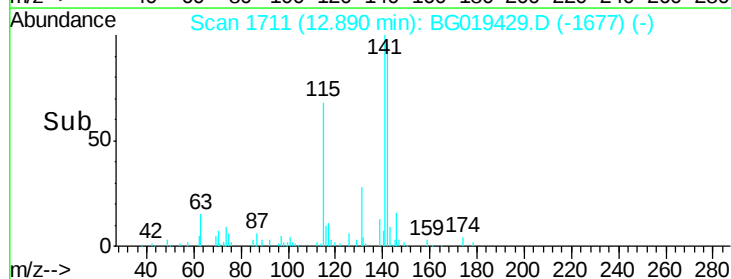
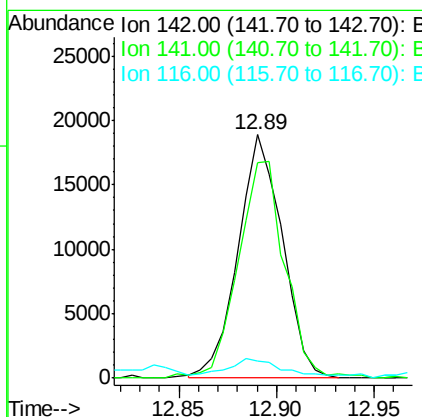
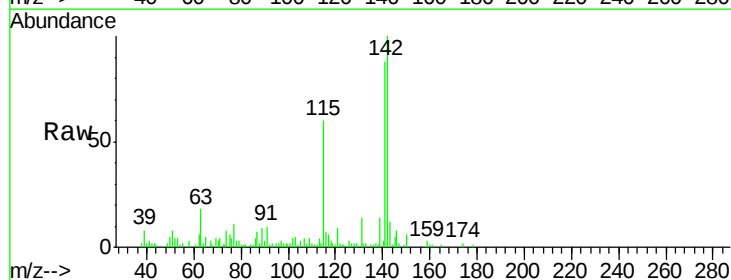
Manual Integrations
APPROVED

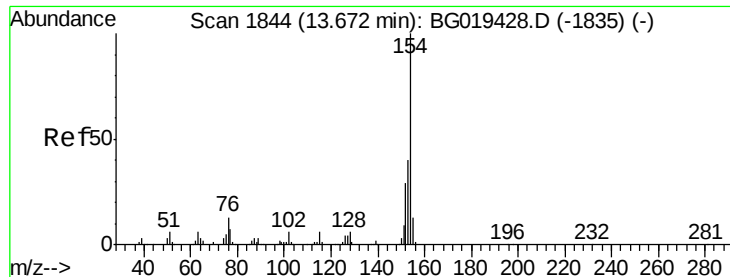
Mmdadoda
11/2/2015 11:45:34 AM



#35
1-Methylnaphthalene
Concen: 5.80 ng/ul
RT: 12.89 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG019429.D
Acq: 30 Oct 2015 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	29718		
141	88.4	76.5	114.7	
116	7.2	5.4	8.0	





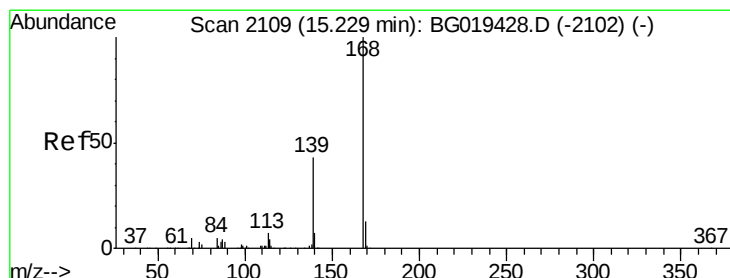
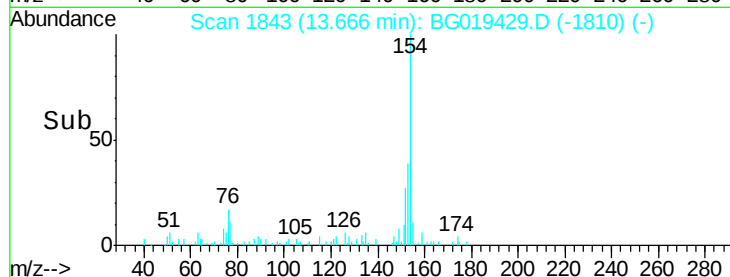
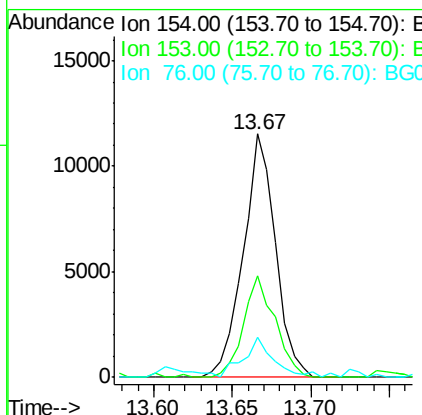
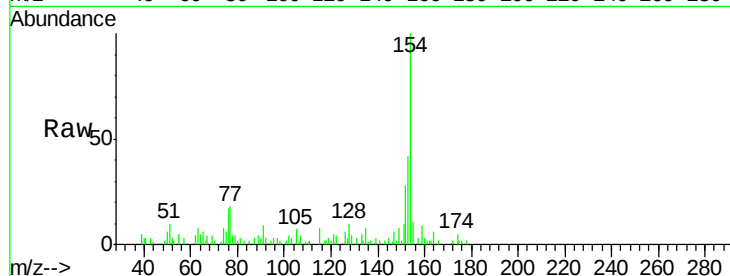
#41
 1,1'-Biphenyl
 Concen: 2.22 ng/ul m
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BG019429.D
 Acq: 30 Oct 2015 11:33

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL2

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.6	32.8	49.2
76	16.6	7.7	11.5

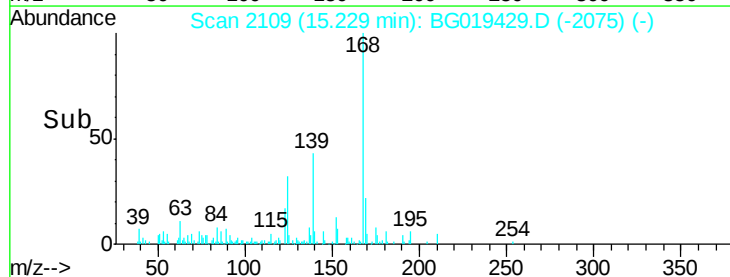
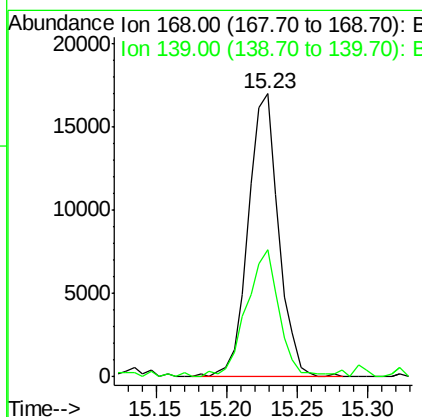
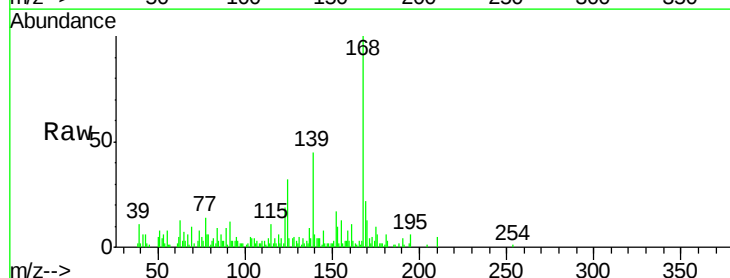
Manual Integrations
 APPROVED

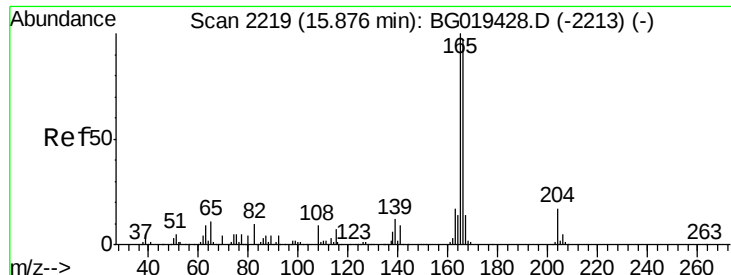
Mmdadoda
 11/2/2015 11:45:34 AM



#54
 Dibenzofuran
 Concen: 2.59 ng/ul m
 RT: 15.23 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG019429.D
 Acq: 30 Oct 2015 11:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	45.1	32.4	48.6





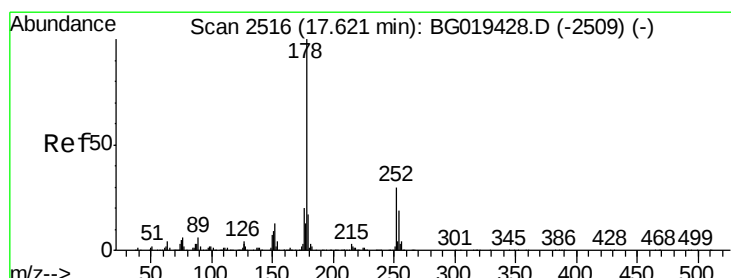
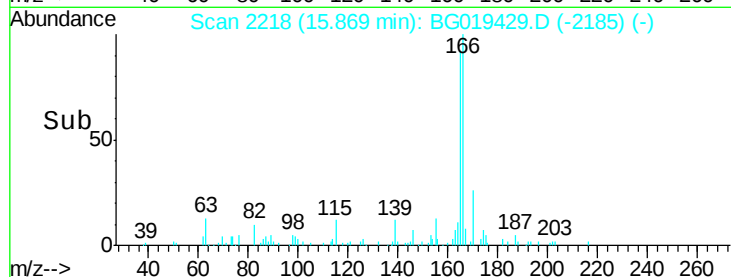
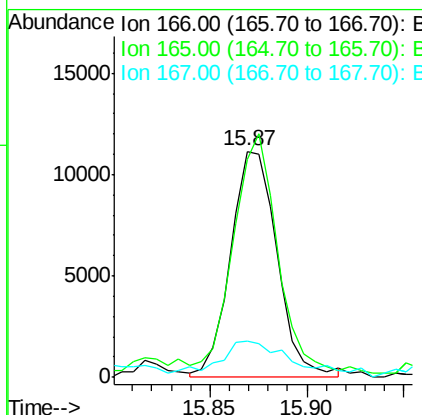
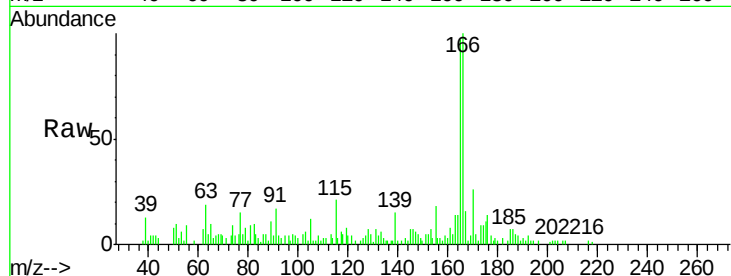
#59
Fluorene
Concen: 2.18 ng/ul m
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG019429.D
Acq: 30 Oct 2015 11:33

Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	18578		
165	96.6	77.6	116.4	
167	16.1	9.6	14.4	

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 11:45:34 AM



#70
Phenanthrene
Concen: 2.81 ng/ul m
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG019429.D
Acq: 30 Oct 2015 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	38402		
179	17.7	12.6	18.8	
176	21.8	14.3	21.5	

