

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025106.D
 Acq On : 11 Dec 2016 16:51
 Operator : UM/SJ
 Sample : H5863-14DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 09:49:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	145512	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	635976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	487090	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	978951	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1230749	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1296996	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	3785	1.34	ng/uL	0.01
5) Phenol-d5	7.38	99	70738	5.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	49159	6.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	49501	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	60416	5.76	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	27194	6.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	33463	5.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	62872	5.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	75252	7.09	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	204646	6.11	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	244061	6.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	41095	7.14	ng/ul	0.02
57) Fluorene-d10	15.85	176	211331	6.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	37058	6.12	ng/ul	0.00
70) Anthracene-d10	17.70	188	292379	7.08	ng/ul	0.00
76) Pyrene-d10	19.98	212	329459	6.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	333531	6.35	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.42	94	14814	1.15	ng/ul#	82
11) 2-Methylphenol	8.68	108	13623	1.44	ng/ul	81
16) 4-Methylphenol	9.01	108	22798	2.16	ng/ul	86
24) 2,4-Dimethylphenol	10.22	107	211034m	16.20	ng/ul	
28) Naphthalene	11.12	128	301935	10.21	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	638843	27.38	ng/ul	94
40) 1,1'-Biphenyl	13.70	154	201728	6.83	ng/ul	94
44) Dimethylphthalate	14.30	163	37177	1.13	ng/ul#	96
49) Acenaphthene	14.93	153	52916	2.16	ng/ul#	91
53) Dibenzofuran	15.26	168	146147	3.78	ng/ul	98
58) Fluorene	15.90	166	158595	5.04	ng/ul#	97
69) Phenanthrene	17.64	178	76168	1.63	ng/ul#	92

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

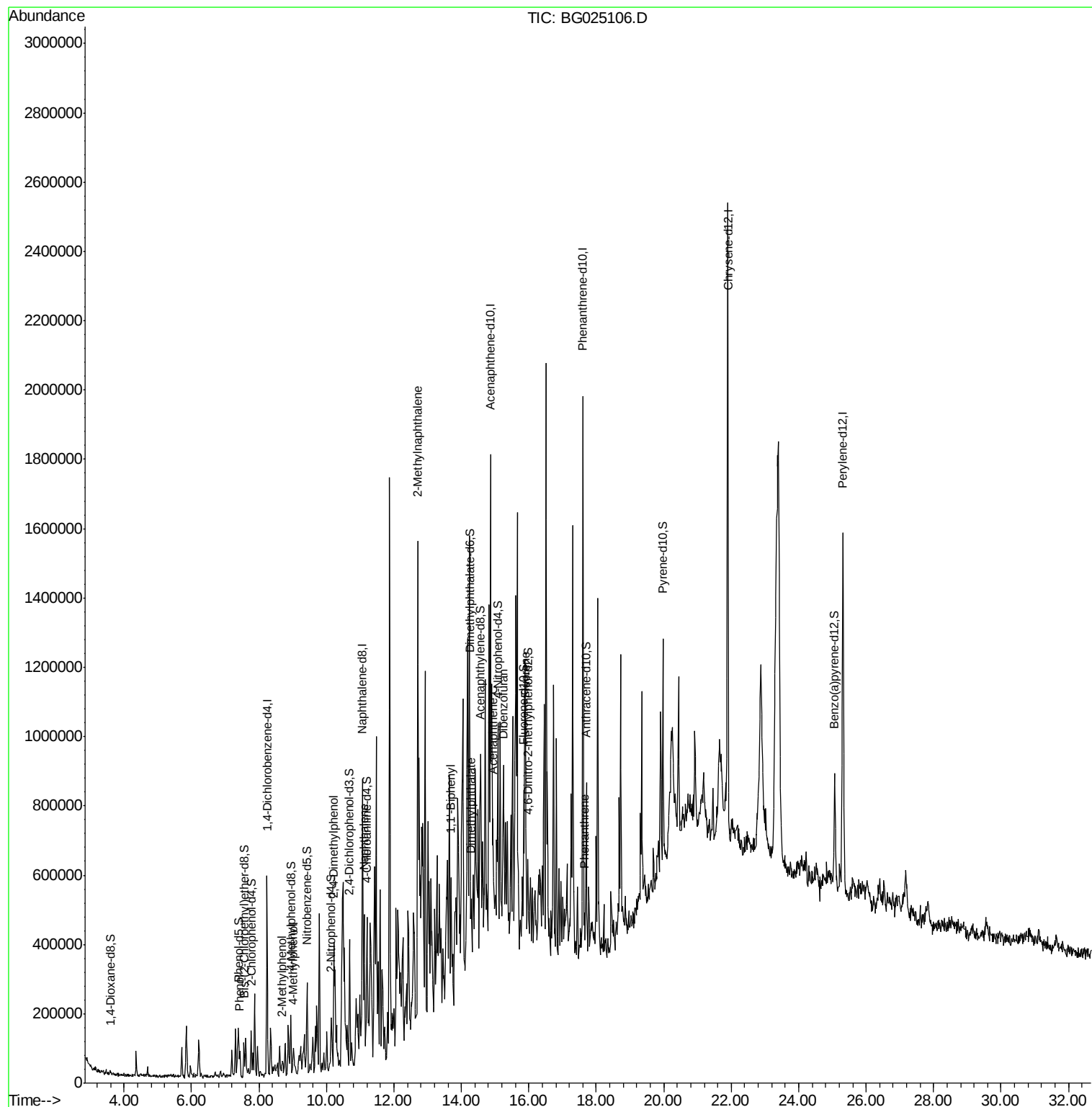
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025106.D
Acq On : 11 Dec 2016 16:51
Operator : UM/SJ
Sample : H5863-14DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

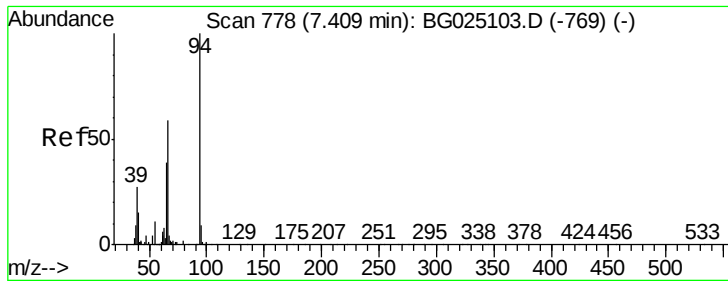
Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM

Quant Time: Dec 12 09:49:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.15 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025106.D

Acq: 11 Dec 2016 16:51

Instrument :

BNA_G

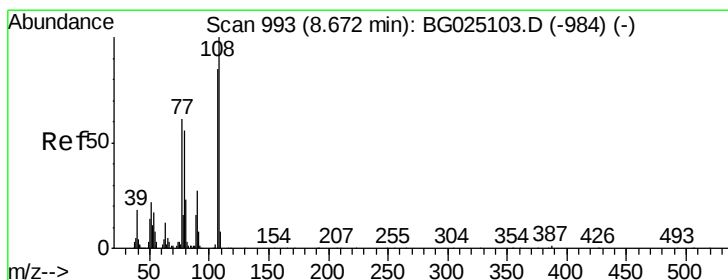
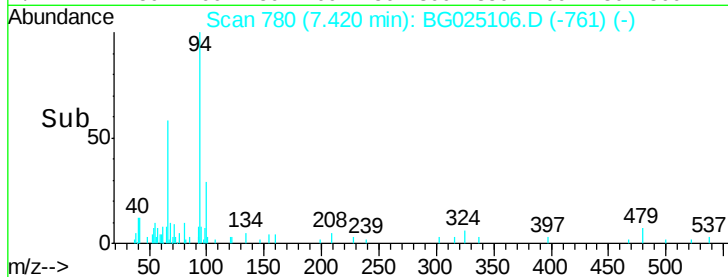
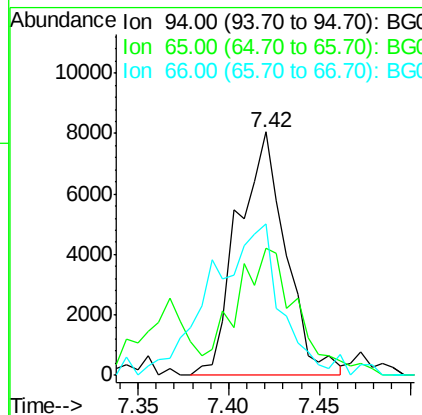
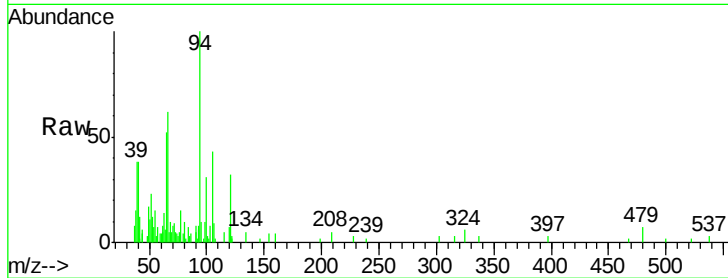
ClientSampleId :

DA7Z1DL

Tgt Ion:	94	Resp:	14814
Ion Ratio	Lower	Upper	
94	100		
65	52.2	26.8	40.2#
66	62.0	44.4	66.6

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM



#11

2-Methylphenol

Concen: 1.44 ng/ul

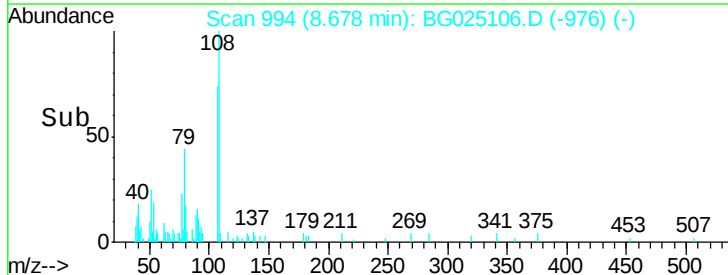
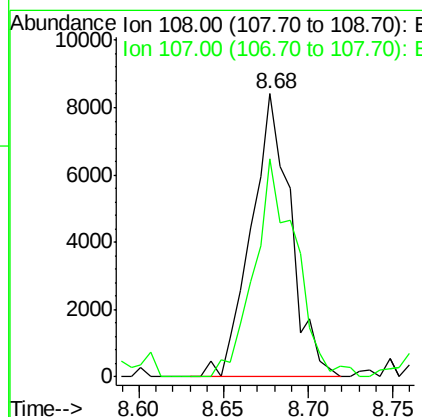
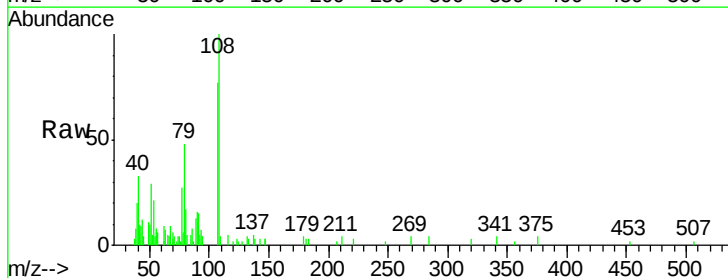
RT: 8.68 min Scan# 994

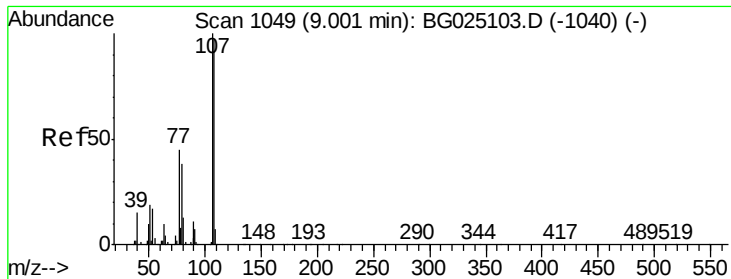
Delta R.T. 0.01 min

Lab File: BG025106.D

Acq: 11 Dec 2016 16:51

Tgt Ion:	108	Resp:	13623
Ion Ratio	Lower	Upper	
108	100		
107	77.2	76.7	115.1





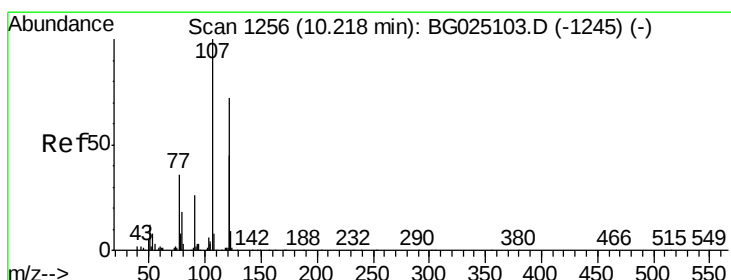
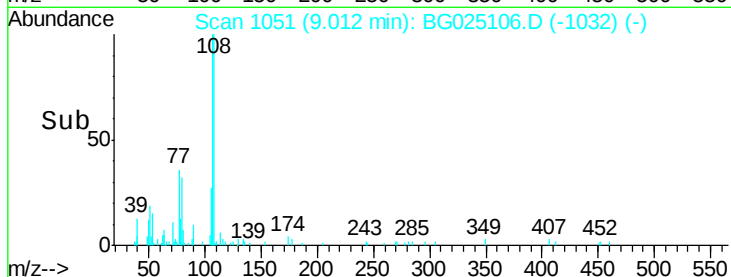
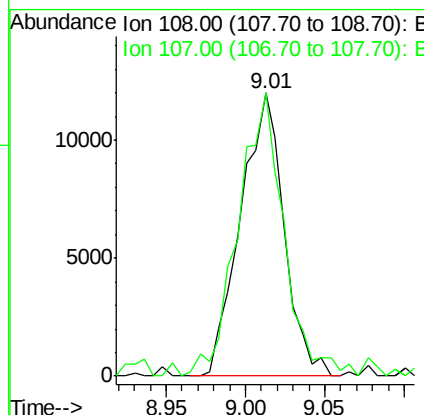
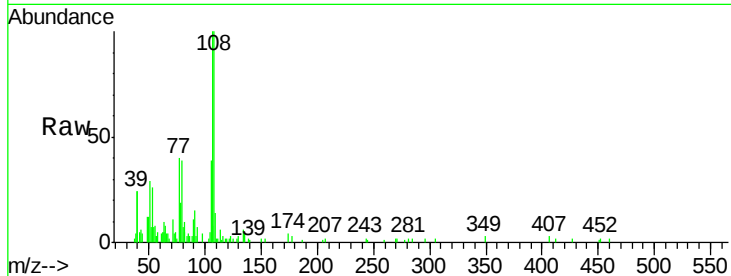
#16
4-Methylphenol
Concen: 2.16 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025106.D
Acq: 11 Dec 2016 16:51

Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	22798		
107	99.9	91.7	137.5	

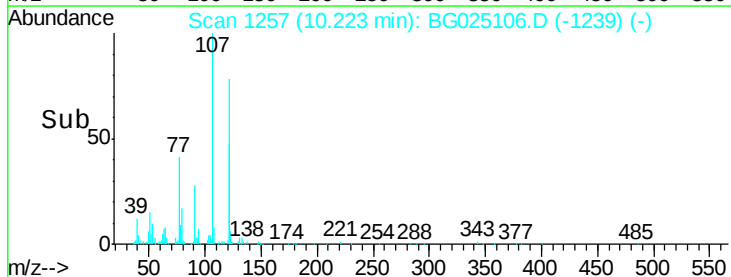
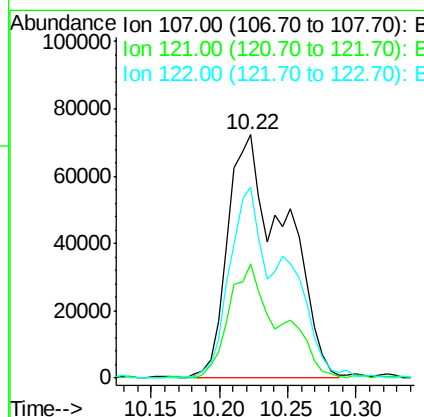
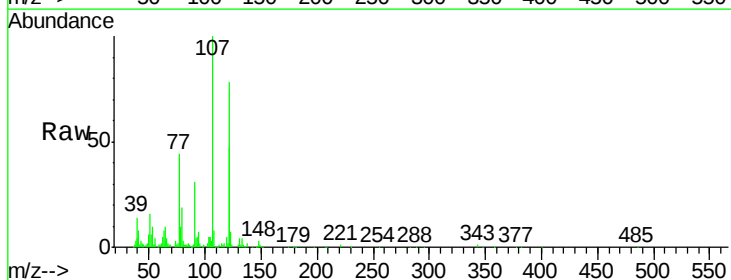
Manual Integrations
APPROVED

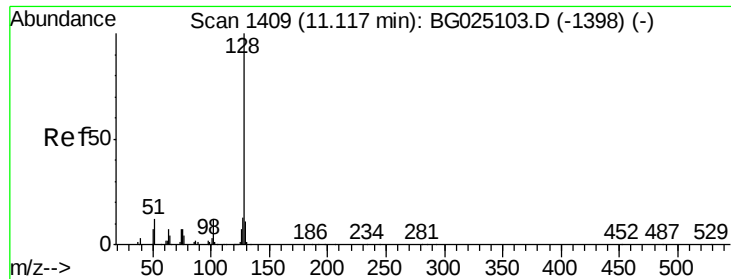
Sohil
12/12/2016 4:30:21 PM



#24
2,4-Dimethylphenol
Concen: 16.20 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025106.D
Acq: 11 Dec 2016 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	211034		
121	46.8	32.3	48.5	
122	78.5	61.2	91.8	





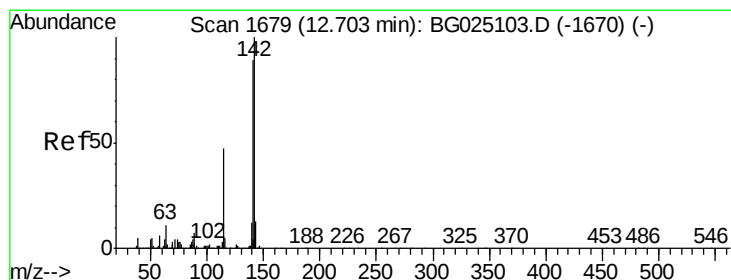
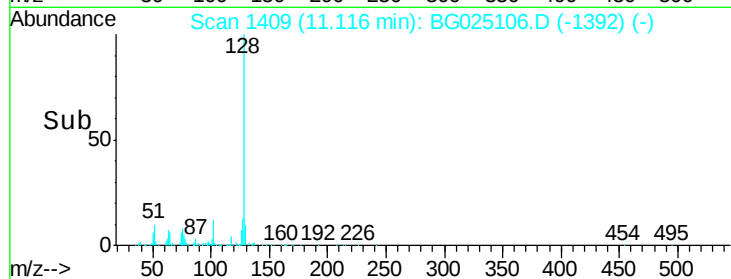
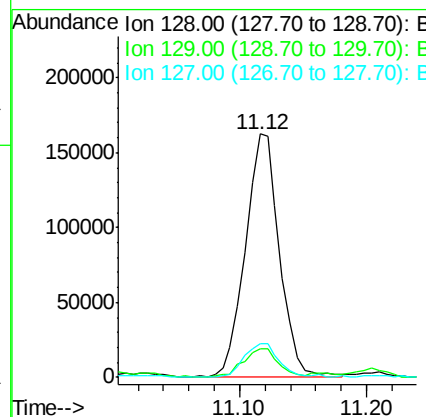
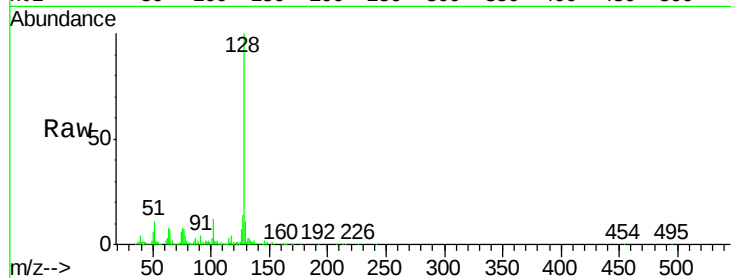
#28
Naphthalene
Concen: 10.21 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025106.D
Acq: 11 Dec 2016 16:51

Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	301935		
129	11.5	9.4	14.2	
127	13.8	10.3	15.5	

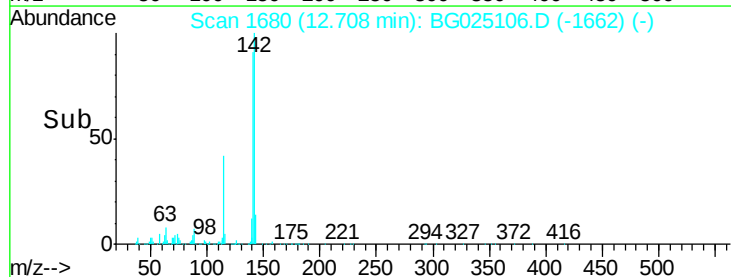
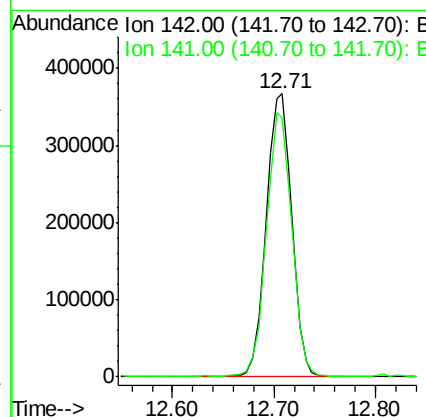
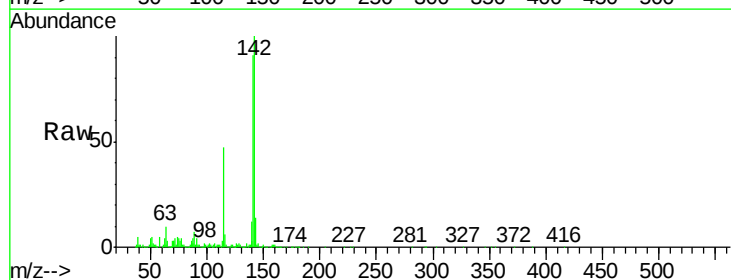
Manual Integrations
APPROVED

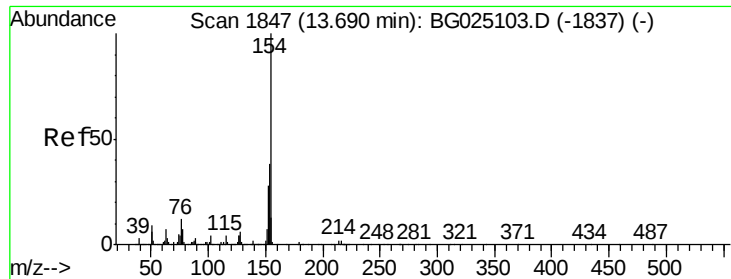
Sohil
12/12/2016 4:30:21 PM



#34
2-Methylnaphthalene
Concen: 27.38 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.01 min
Lab File: BG025106.D
Acq: 11 Dec 2016 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	638843		
141	91.3	68.6	102.8	





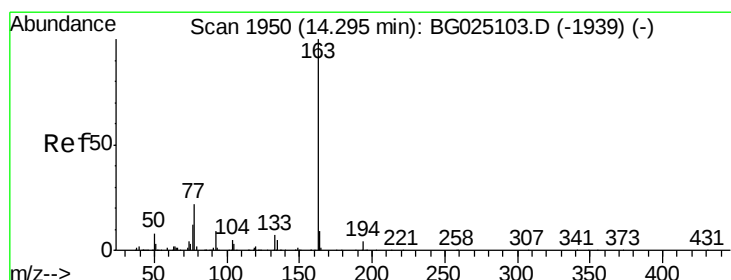
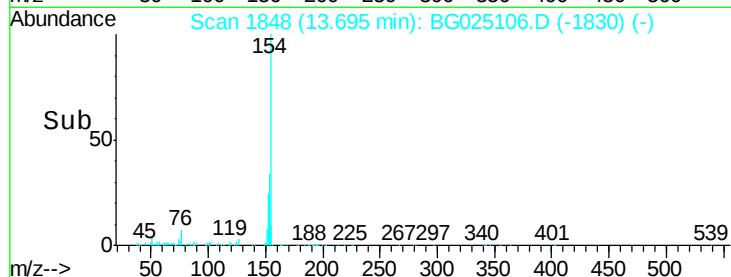
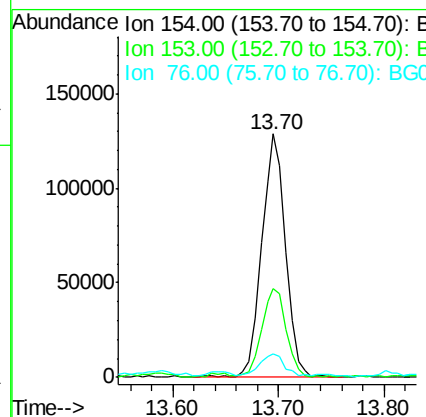
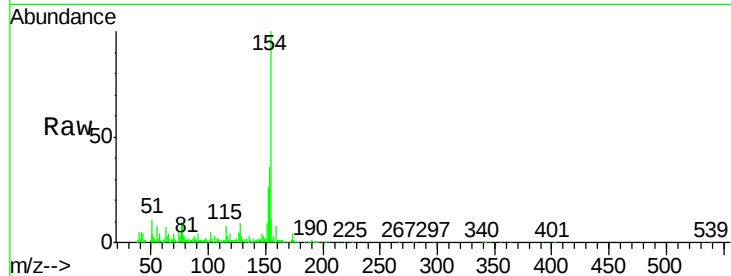
#40
1,1'-Biphenyl
Concen: 6.83 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BG025106.D
Acq: 11 Dec 2016 16:51

Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.2	32.2	48.2
76	9.9	9.6	14.4

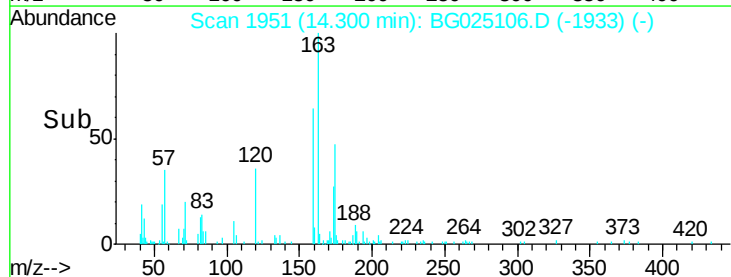
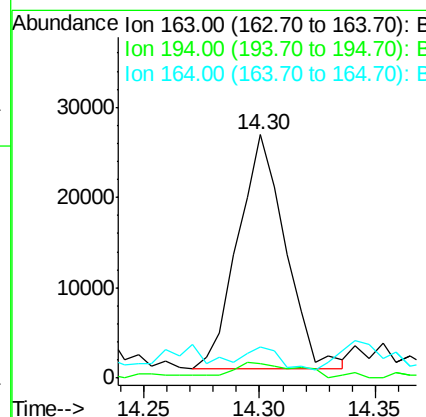
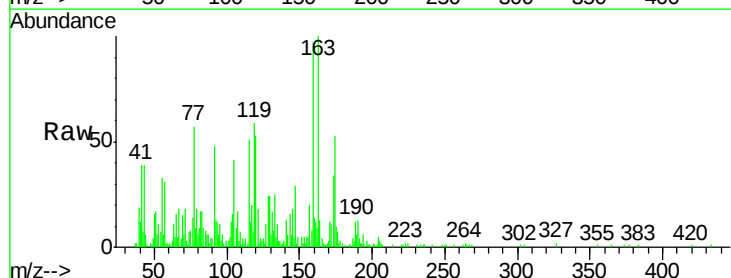
Manual Integrations
APPROVED

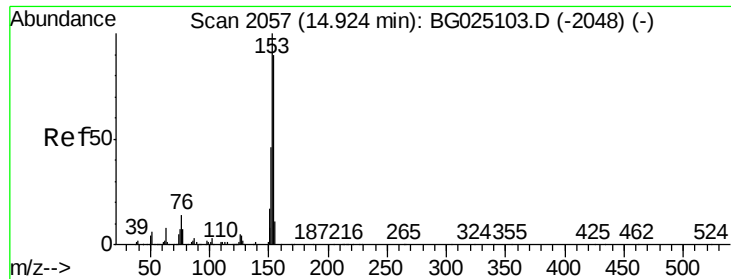
Sohil
12/12/2016 4:30:21 PM



#44
Dimethylphthalate
Concen: 1.13 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG025106.D
Acq: 11 Dec 2016 16:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.0#
164	12.8	9.0	13.4





#49

Acenaphthene

Concen: 2.16 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025106.D

Acq: 11 Dec 2016 16:51

Instrument :

BNA_G

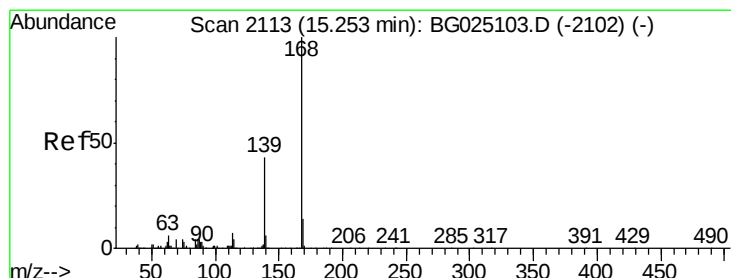
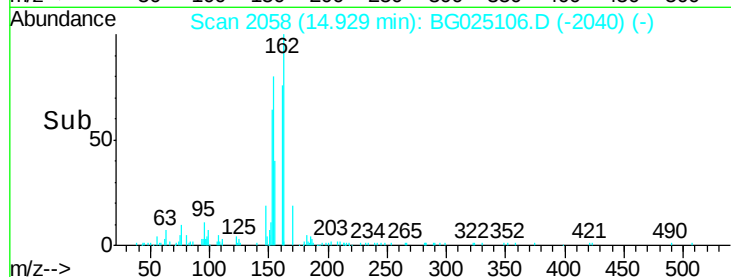
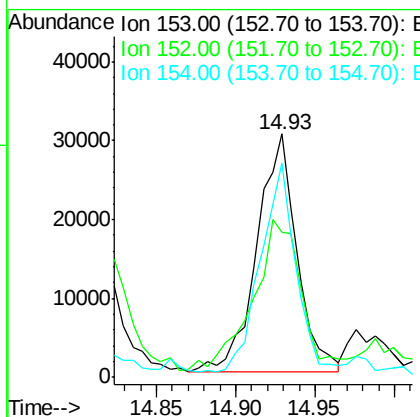
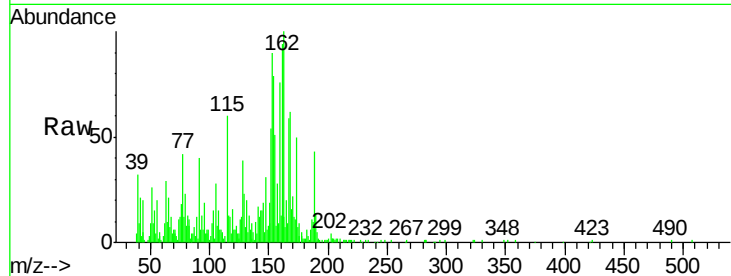
ClientSampleId :

DA7Z1DL

Tgt Ion:	153	Resp:	52916
Ion Ratio	Lower	Upper	
153	100		
152	59.5	36.5	54.7#
154	87.9	72.3	108.5

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM



#53

Dibenzofuran

Concen: 3.78 ng/ul

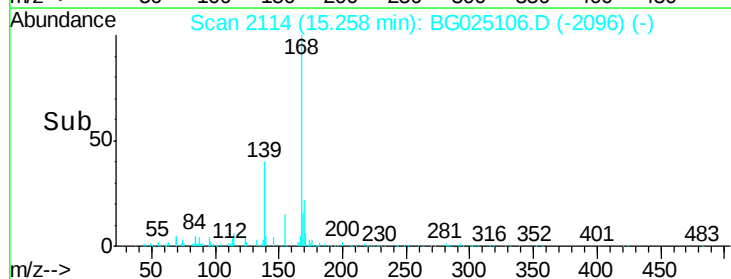
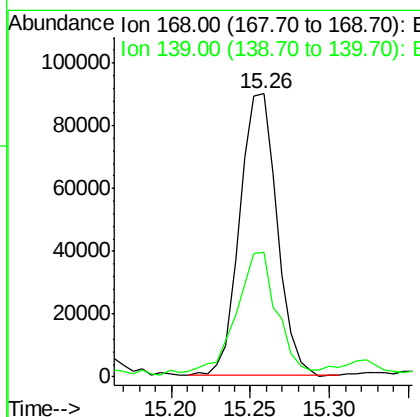
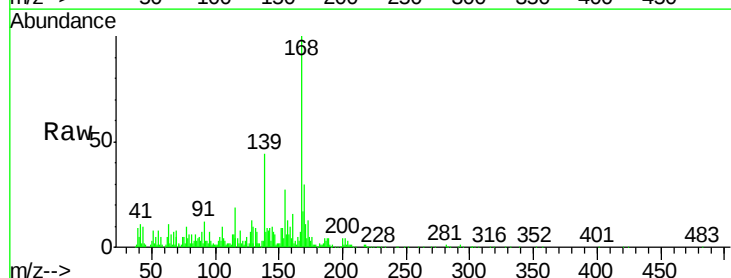
RT: 15.26 min Scan# 2114

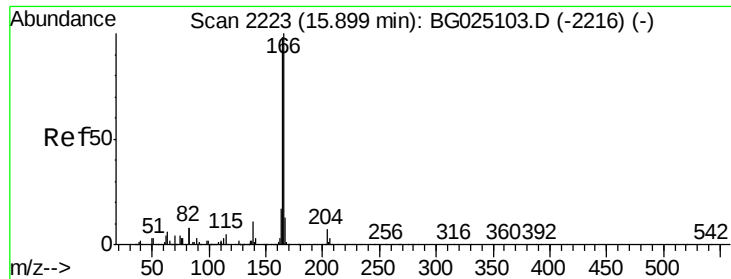
Delta R.T. 0.01 min

Lab File: BG025106.D

Acq: 11 Dec 2016 16:51

Tgt Ion:	168	Resp:	146147
Ion Ratio	Lower	Upper	
168	100		
139	43.8	33.8	50.8





#58

Fluorene

Concen: 5.04 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BG025106.D

Acq: 11 Dec 2016 16:51

Instrument :

BNA_G

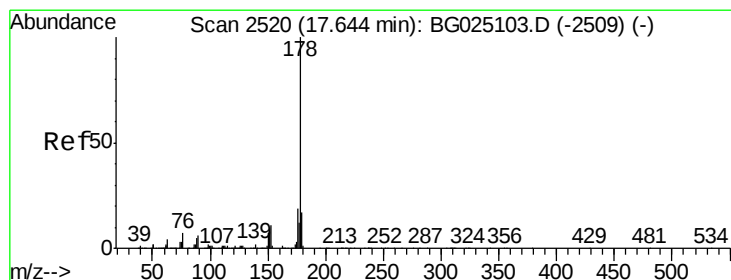
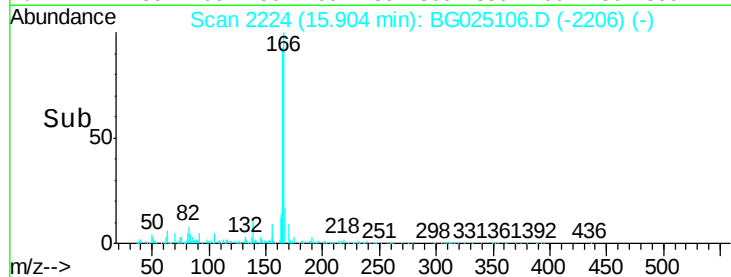
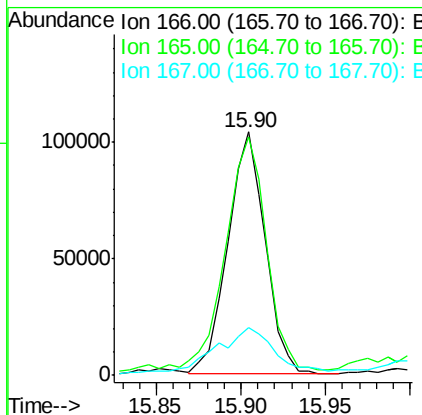
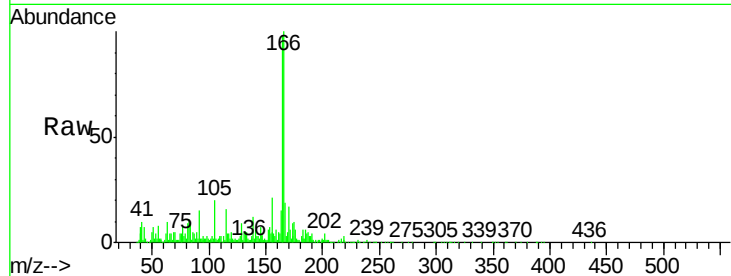
ClientSampleId :

DA7Z1DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	158595		
165	98.0	79.7	119.5	
167	19.4	11.4	17.2#	

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM



#69

Phenanthrene

Concen: 1.63 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025106.D

Acq: 11 Dec 2016 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	76168		
179	20.1	12.4	18.6#	
176	17.7	16.5	24.7	

