

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025107.D
 Acq On : 11 Dec 2016 17:30
 Operator : UM/SJ
 Sample : H5863-22DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA802DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:23 PM

Quant Time: Dec 12 09:55:44 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	163437	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	679567	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	501330	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	1050943	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1247691	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1330905	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	2512	0.79	ng/uL	0.00
5) Phenol-d5	7.39	99	39042	2.77	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	25222	2.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	28085	2.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	32650	2.77	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	15391	3.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	17791	2.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	32612	2.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	69977	6.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	113535	3.29	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	132982	3.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	22734	3.84	ng/ul	0.02
57) Fluorene-d10	15.85	176	147543	4.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	19971	3.07	ng/ul	0.00
70) Anthracene-d10	17.70	188	161162	3.63	ng/ul	0.00
76) Pyrene-d10	19.97	212	184278	3.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	184882	3.43	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.41	94	22601	1.56	ng/ul	92
11) 2-Methylphenol	8.67	108	36138	3.39	ng/ul	88
16) 4-Methylphenol	9.01	108	107084	9.03	ng/ul	97
24) 2,4-Dimethylphenol	10.22	107	193962m	13.94	ng/ul	
28) Naphthalene	11.12	128	327389	10.36	ng/ul	96
34) 2-Methylnaphthalene	12.70	142	505607	20.28	ng/ul	91
40) 1,1'-Biphenyl	13.70	154	108588	3.57	ng/ul#	98
44) Dimethylphthalate	14.30	163	42940	1.27	ng/ul#	96
49) Acenaphthene	14.92	153	30232	1.20	ng/ul#	80
53) Dibenzofuran	15.26	168	72571	1.82	ng/ul	100
58) Fluorene	15.90	166	78353	2.42	ng/ul#	93

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

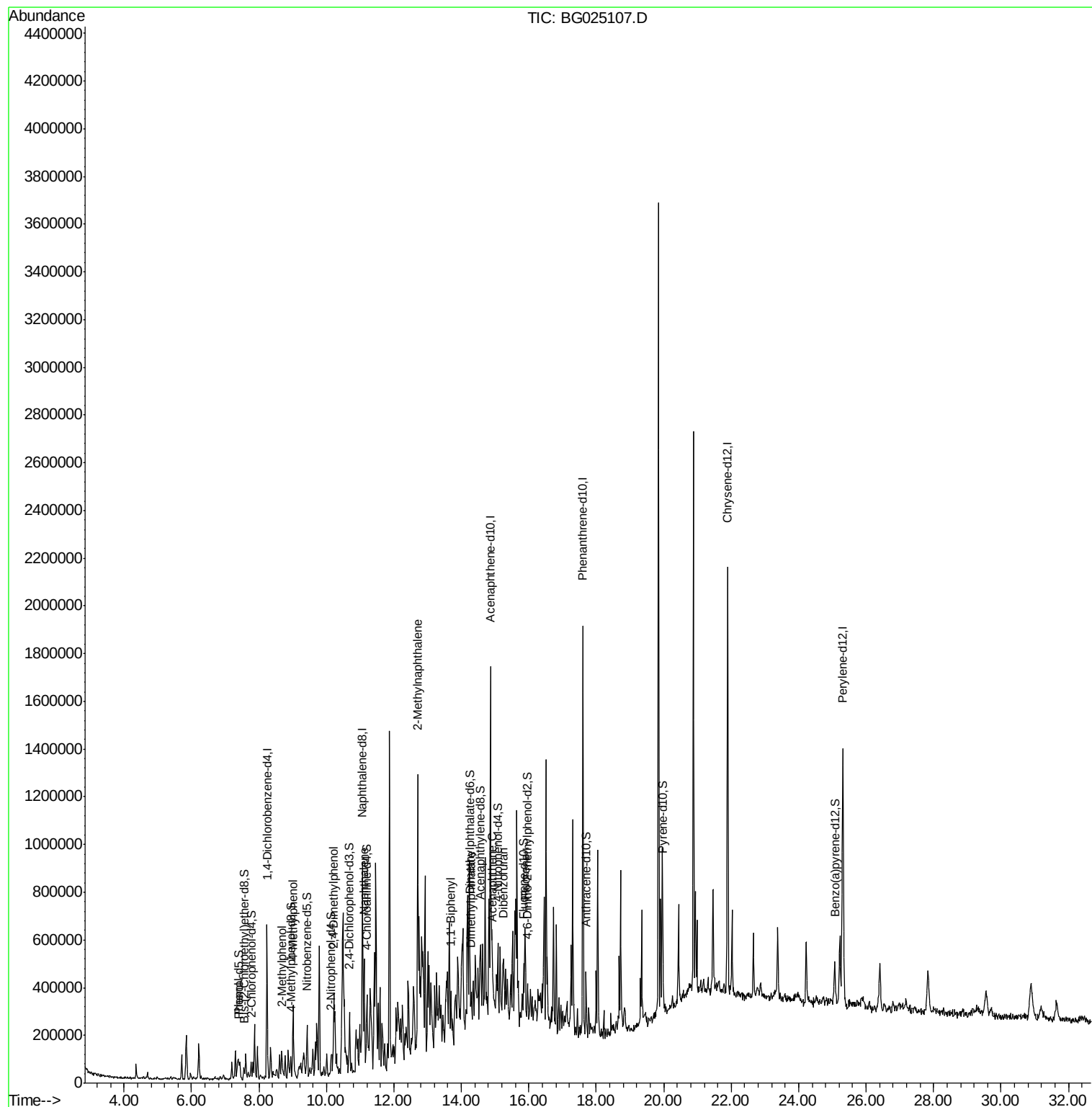
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

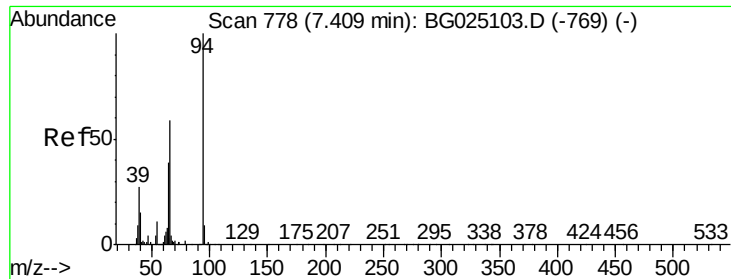
Instrument :
BNA_G
ClientSampleId :
DA802DL

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:23 PM

Quant Time: Dec 12 09:55:44 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: 1.56 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG025107.D

Acq: 11 Dec 2016 17:30

Instrument :

BNA_G

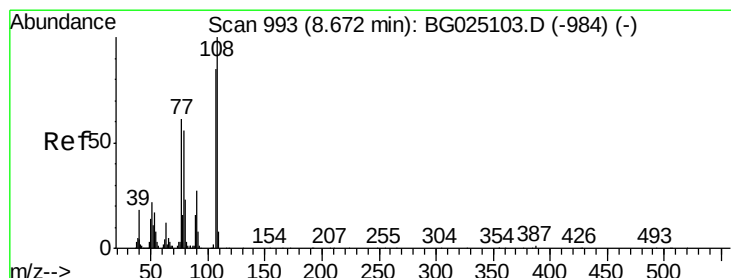
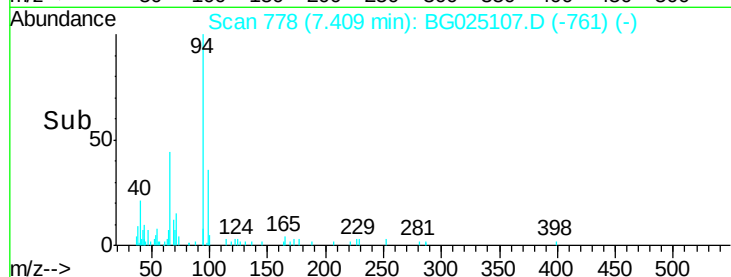
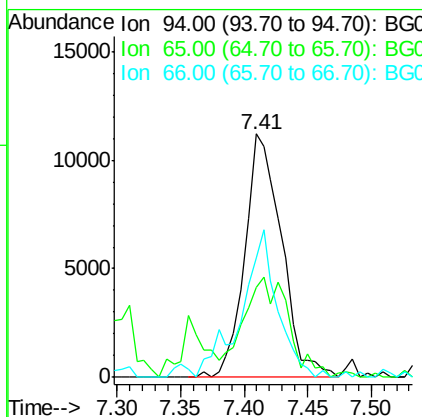
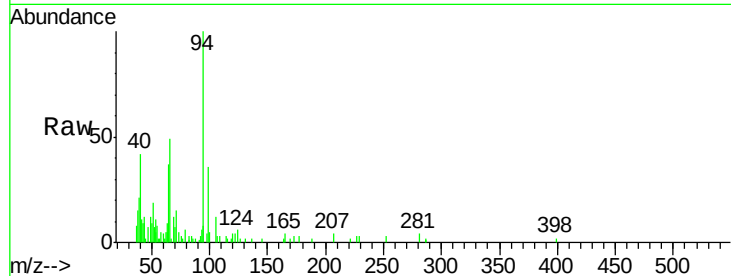
ClientSampled :

DA802DL

Tgt Ion:	94	Resp:	22601
Ion Ratio	Lower	Upper	
94	100		
65	36.8	26.8	40.2
66	49.0	44.4	66.6

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:23 PM



#11

2-Methylphenol

Concen: 3.39 ng/ul

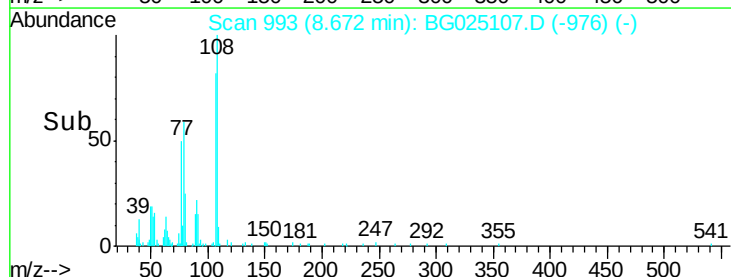
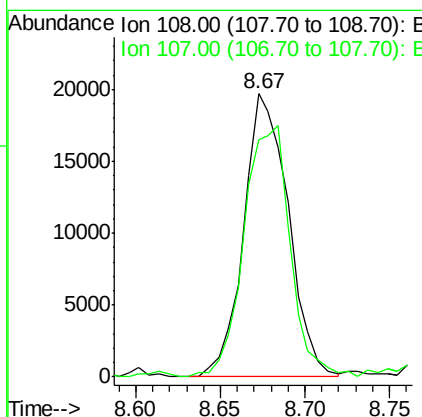
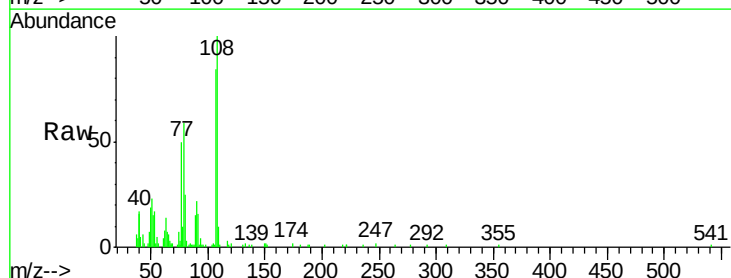
RT: 8.67 min Scan# 993

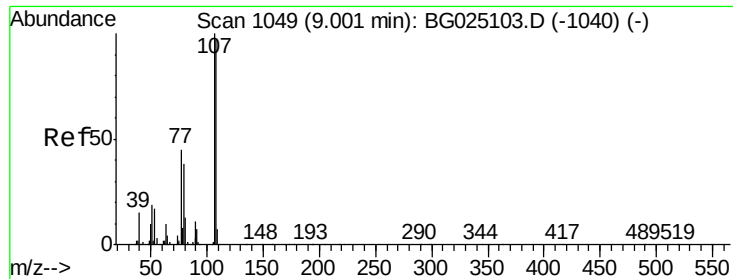
Delta R.T. 0.00 min

Lab File: BG025107.D

Acq: 11 Dec 2016 17:30

Tgt Ion:	108	Resp:	36138
Ion Ratio	Lower	Upper	
108	100		
107	83.9	76.7	115.1





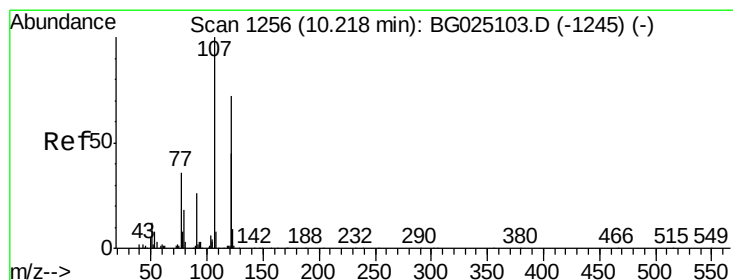
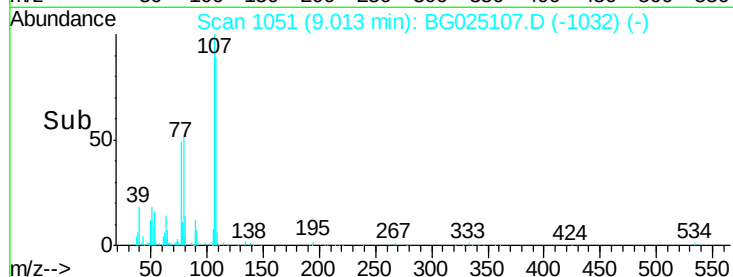
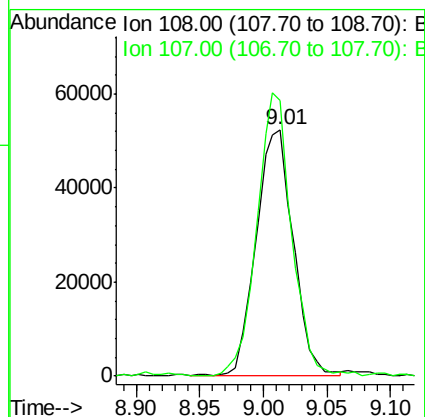
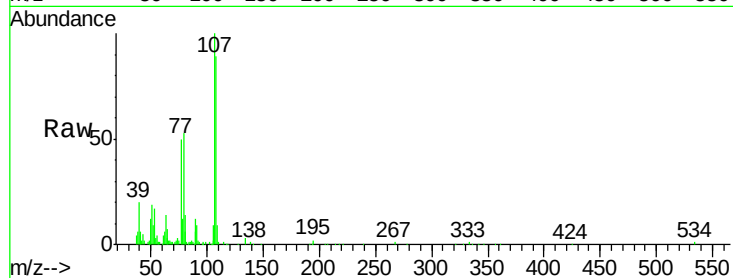
#16
4-Methylphenol
Concen: 9.03 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025107.D
Acq: 11 Dec 2016 17:30

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	107084		
107	111.8	91.7	137.5	

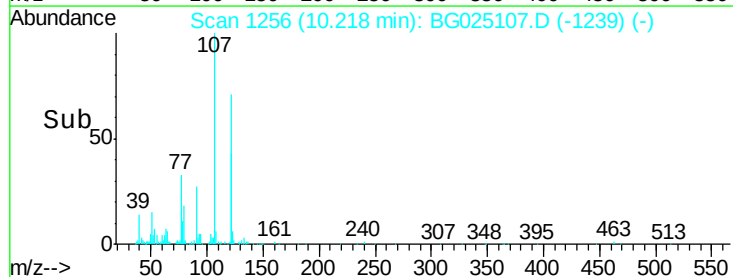
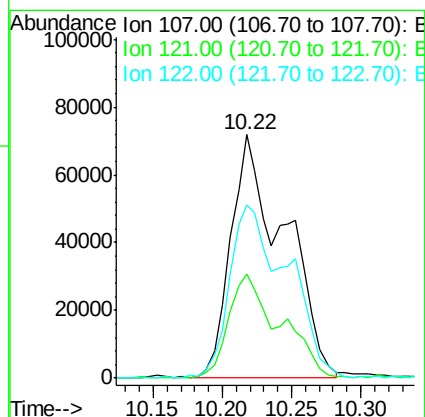
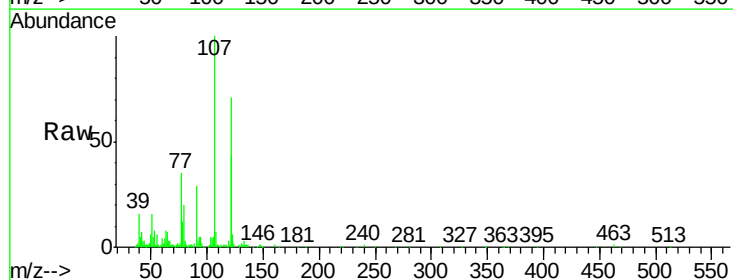
Manual Integrations
APPROVED

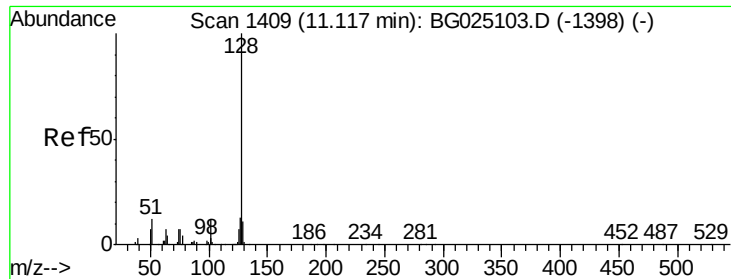
Sohil
12/12/2016 4:30:23 PM



#24
2,4-Dimethylphenol
Concen: 13.94 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025107.D
Acq: 11 Dec 2016 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	193962		
121	43.0	32.3	48.5	
122	71.1	61.2	91.8	





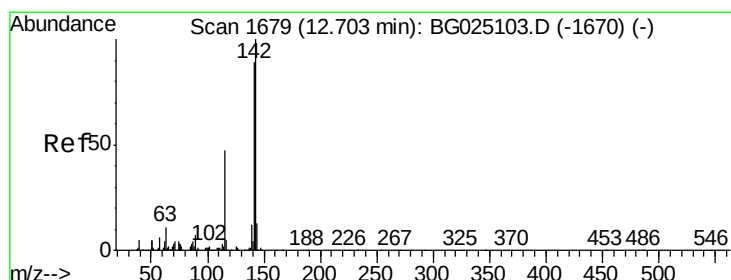
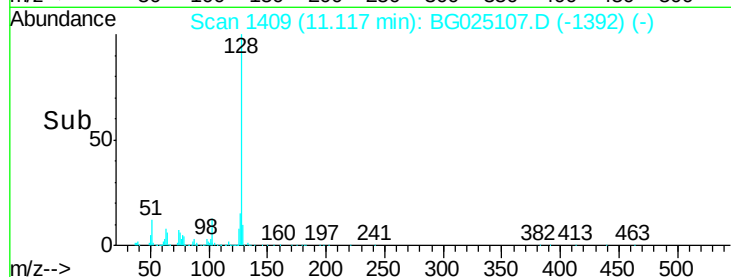
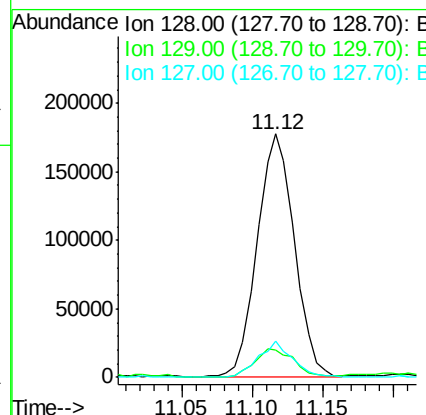
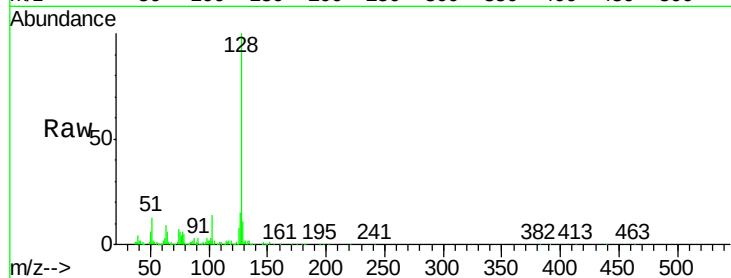
#28
Naphthalene
Concen: 10.36 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025107.D
Acq: 11 Dec 2016 17:30

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	327389		
129	11.2		9.4	14.2
127	15.0		10.3	15.5

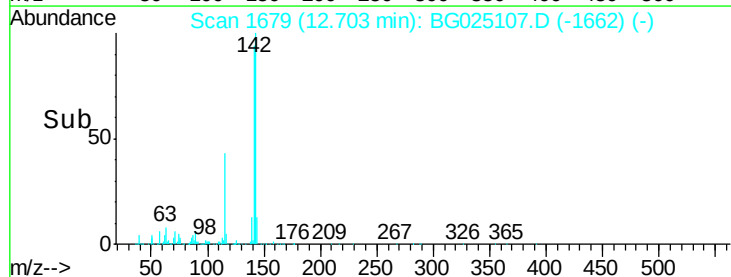
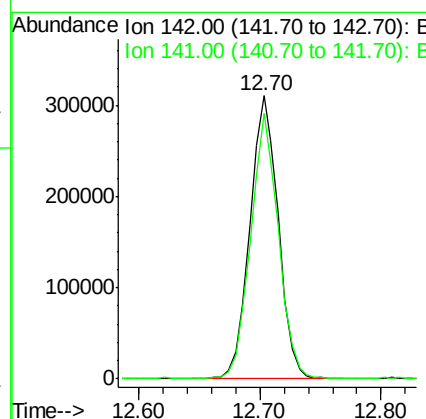
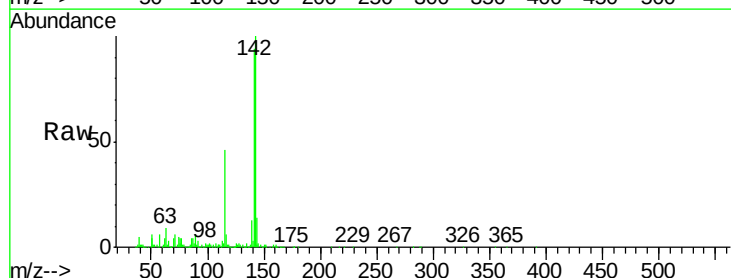
Manual Integrations
APPROVED

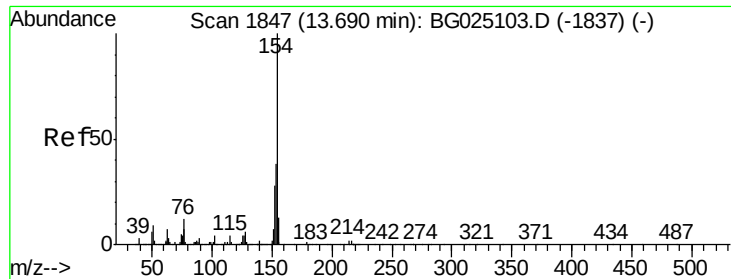
Sohil
12/12/2016 4:30:23 PM



#34
2-Methylnaphthalene
Concen: 20.28 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025107.D
Acq: 11 Dec 2016 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	505607		
141	93.7		68.6	102.8





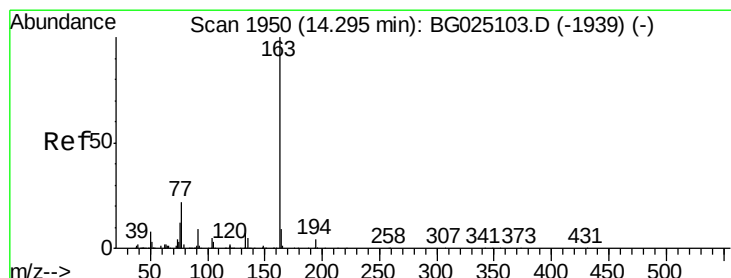
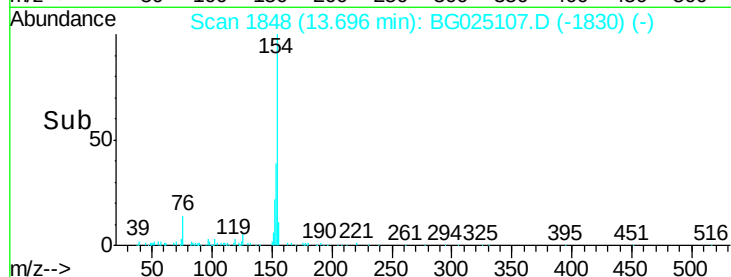
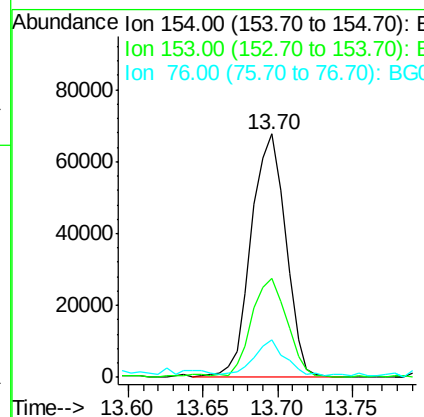
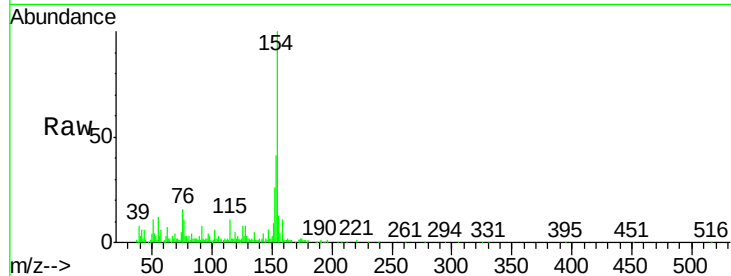
#40
 1,1'-Biphenyl
 Concen: 3.57 ng/ul
 RT: 13.70 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BG025107.D
 Acq: 11 Dec 2016 17:30

Instrument :
 BNA_G
 ClientSampleId :
 DA802DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.5	32.2	48.2
76	15.5	9.6	14.4

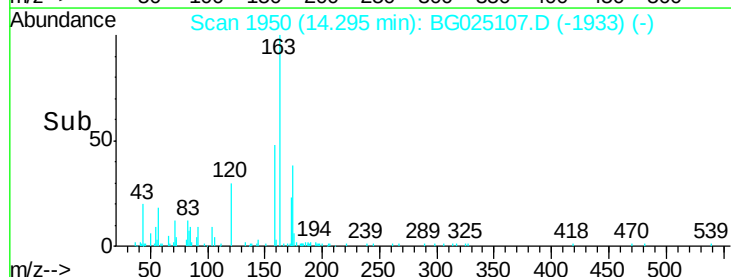
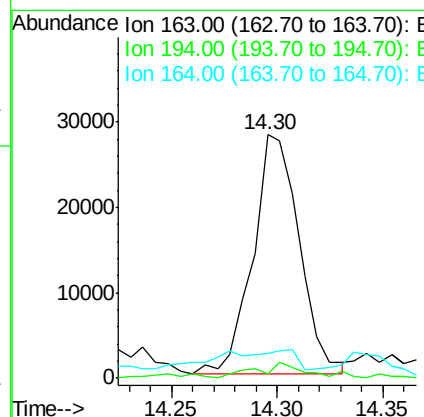
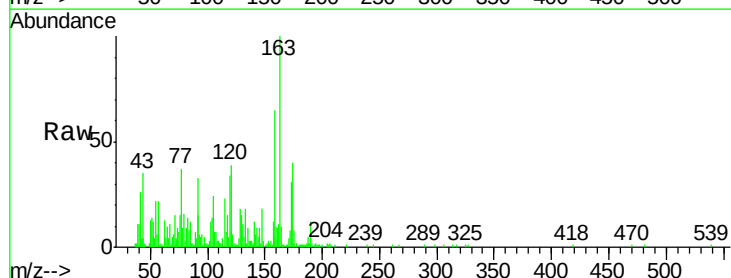
Manual Integrations
 APPROVED

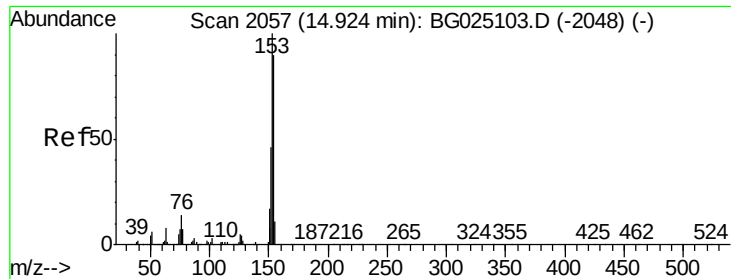
Sohil
 12/12/2016 4:30:23 PM



#44
 Dimethylphthalate
 Concen: 1.27 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG025107.D
 Acq: 11 Dec 2016 17:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	1.5	3.4	5.0
164	10.2	9.0	13.4





#49

Acenaphthene

Concen: 1.20 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025107.D

Acq: 11 Dec 2016 17:30

Instrument :

BNA_G

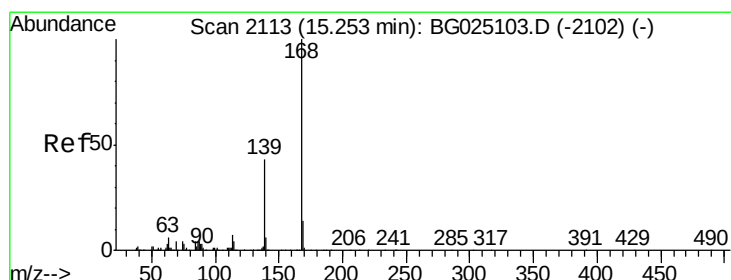
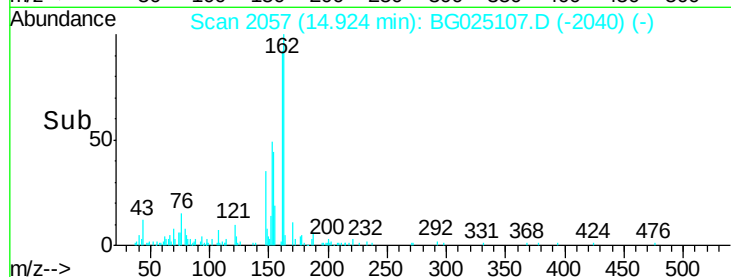
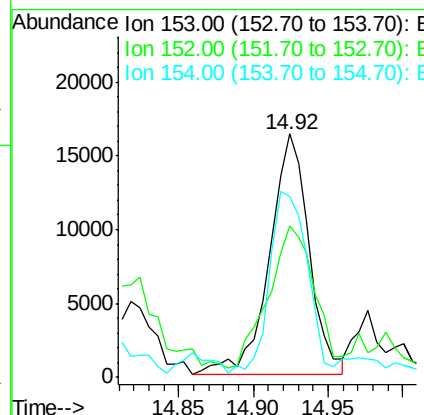
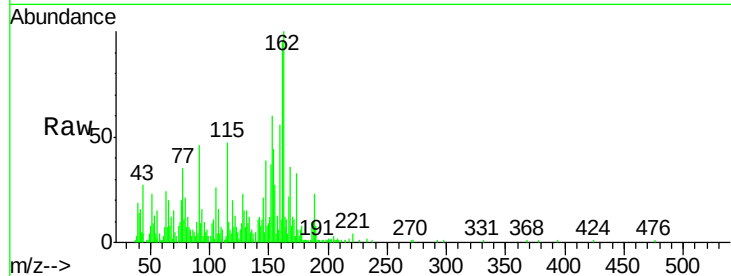
ClientSampleId :

DA802DL

Tgt Ion:	153	Resp:	30232
Ion Ratio	Lower	Upper	
153	100		
152	62.0	36.5	54.7#
154	74.0	72.3	108.5

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:23 PM



#53

Dibenzofuran

Concen: 1.82 ng/ul

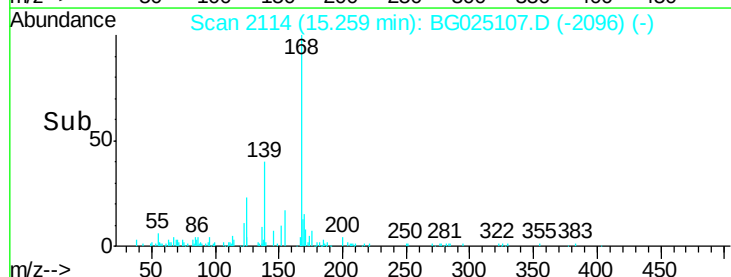
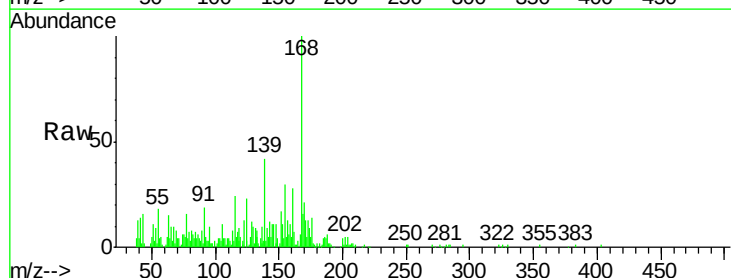
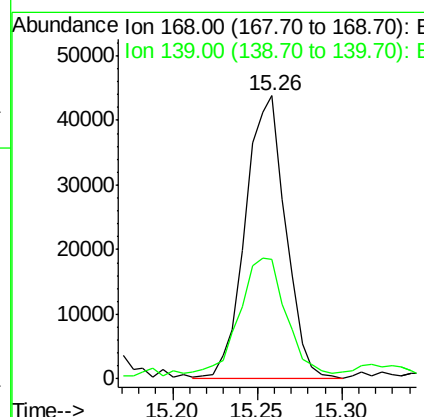
RT: 15.26 min Scan# 2114

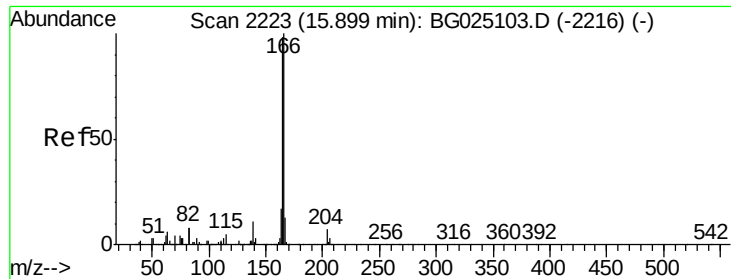
Delta R.T. 0.01 min

Lab File: BG025107.D

Acq: 11 Dec 2016 17:30

Tgt Ion:	168	Resp:	72571
Ion Ratio	Lower	Upper	
168	100		
139	42.2	33.8	50.8





#58
 Fluorene
 Concen: 2.42 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG025107.D
 Acq: 11 Dec 2016 17:30

Instrument :
 BNA_G
 ClientSampleId :
 DA802DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.0	79.7	119.5
167	18.4	11.4	17.2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:23 PM

