

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025351.D
 Acq On : 20 Dec 2016 12:49
 Operator : UM/SJ
 Sample : H6040-16DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA8W9DL

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:30:01 PM

Quant Time: Dec 20 15:33:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 03:02:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	57533	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	246495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	207082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	427008	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	522359	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	551269	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	6528	5.86	ng/uL	-0.02
5) Phenol-d5	7.38	99	27898	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	18209	5.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	19016	5.48	ng/ul	0.01
13) 4-Methylphenol-d8	8.94	113	24156	5.82	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	12367	7.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	12160	5.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	24695	5.90	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	19891	4.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	89803	6.30	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	102939	6.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	9344	3.82	ng/ul	0.02
57) Fluorene-d10	15.84	176	83289	6.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	10346	3.92	ng/ul	0.00
70) Anthracene-d10	17.69	188	131185	7.28	ng/ul	0.00
76) Pyrene-d10	19.96	212	153610	7.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	149149	6.68	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.41	94	21470	4.21	ng/ul	95
11) 2-Methylphenol	8.67	108	41057	10.95	ng/ul	88
14) Acetophenone	9.06	105	6920	1.10	ng/ul#	85
16) 4-Methylphenol	9.01	108	155950	37.37	ng/ul	94
24) 2,4-Dimethylphenol	10.21	107	204682m	40.55	ng/ul	
28) Naphthalene	11.10	128	57881	5.05	ng/ul#	90
34) 2-Methylnaphthalene	12.69	142	48266	5.34	ng/ul	98
44) Dimethylphthalate	14.29	163	16682	1.19	ng/ul#	92

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

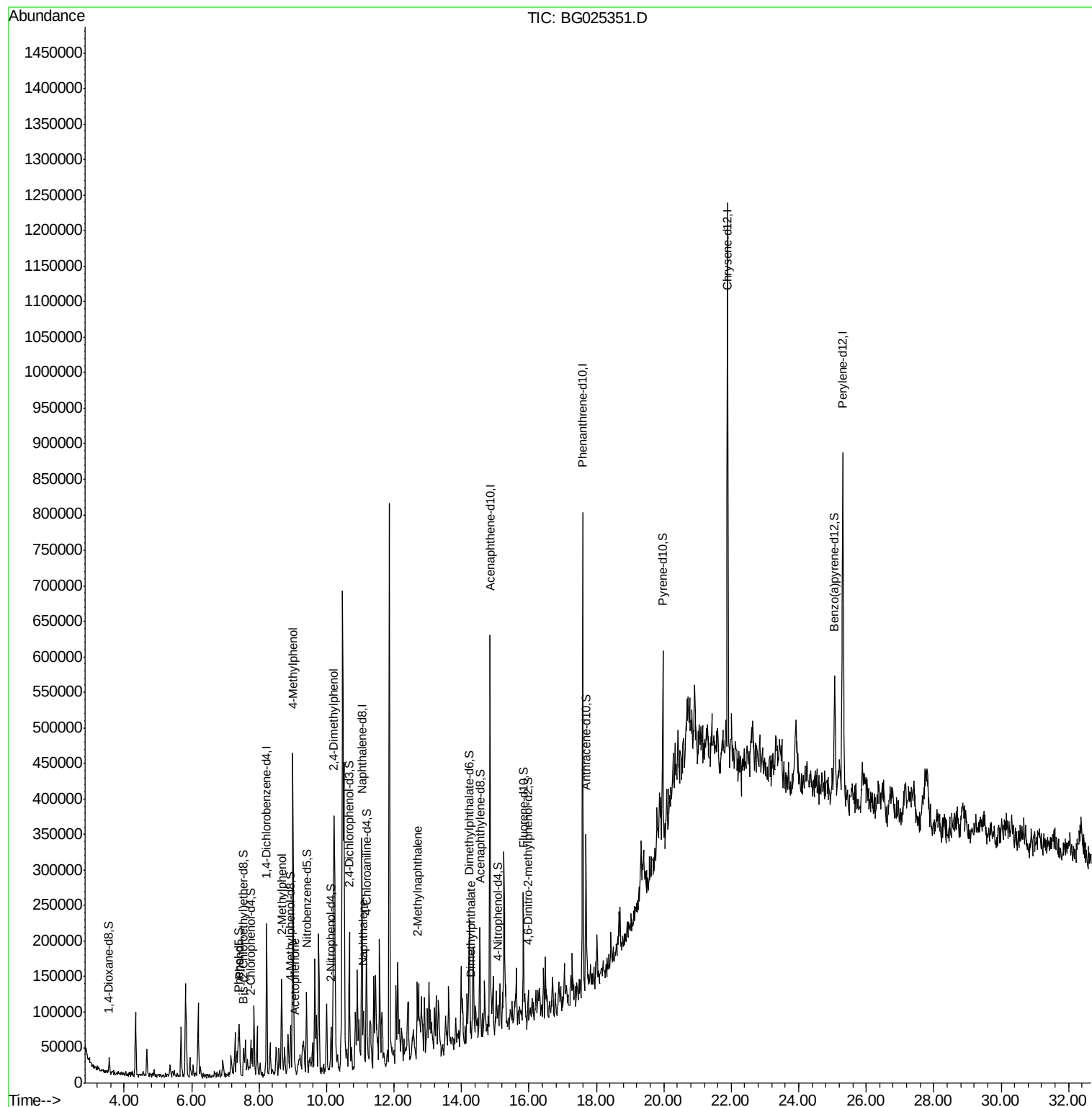
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

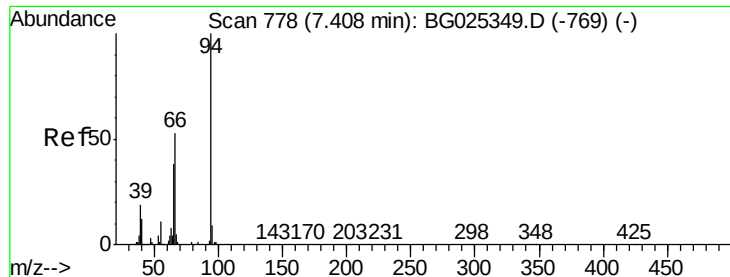
Instrument :
BNA_G
ClientSampleId :
DA8W9DL

Manual Integrations
APPROVED

sohil
12/20/2016 6:30:01 PM

Quant Time: Dec 20 15:33:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.21 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025351.D

Acq: 20 Dec 2016 12:49

Instrument :

BNA_G

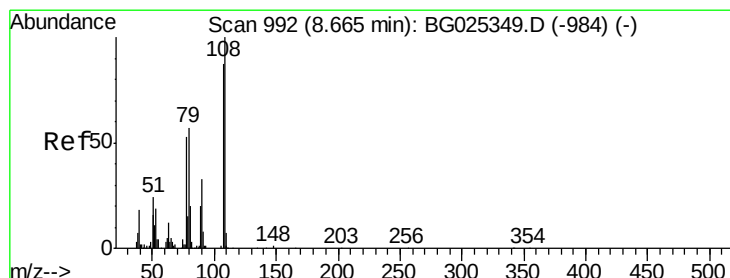
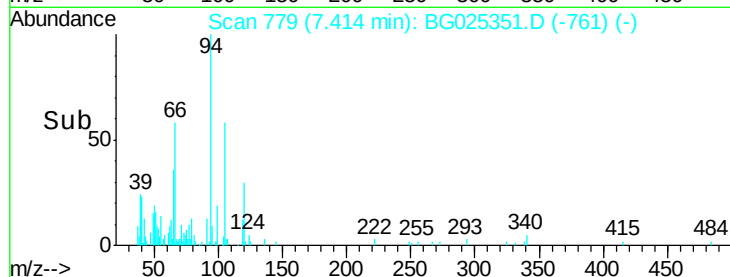
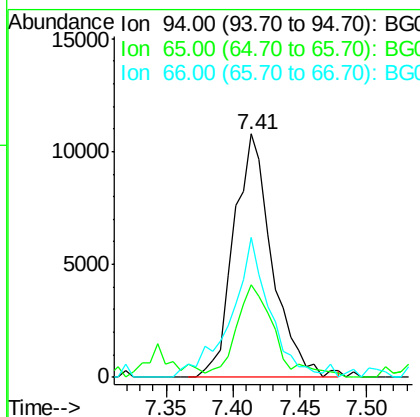
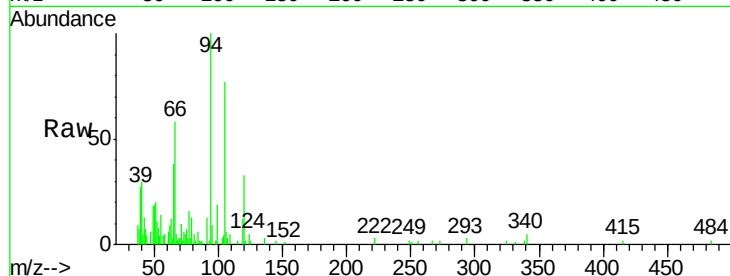
ClientSampleId :

DA8W9DL

Tgt Ion:	94	Resp:	21470
Ion	Ratio	Lower	Upper
94	100		
65	38.2	26.8	40.2
66	57.5	44.4	66.6

Manual Integrations
APPROVED

sohil
12/20/2016 6:30:01 PM



#11

2-Methylphenol

Concen: 10.95 ng/ul

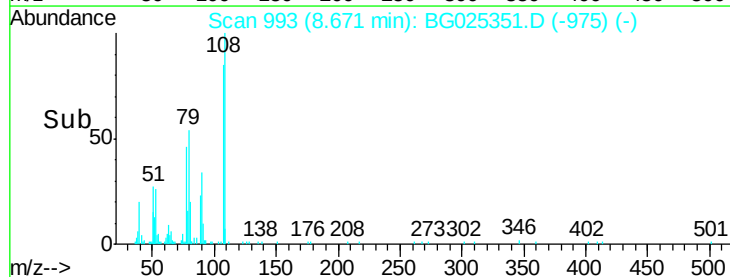
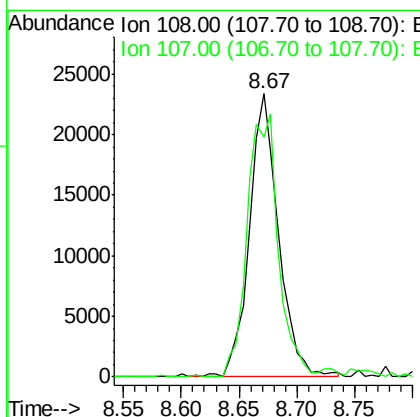
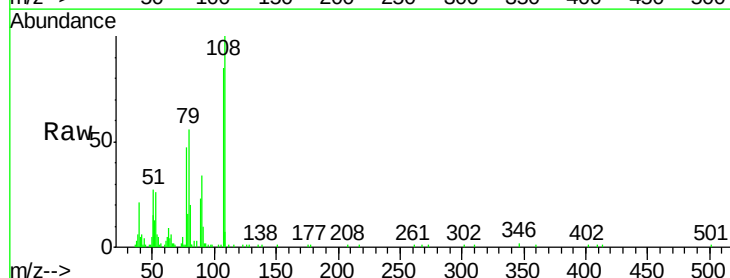
RT: 8.67 min Scan# 993

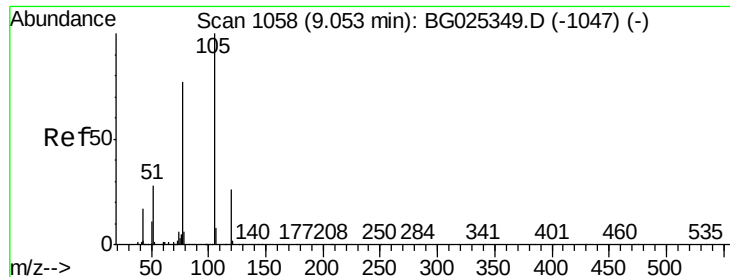
Delta R.T. 0.01 min

Lab File: BG025351.D

Acq: 20 Dec 2016 12:49

Tgt Ion:	108	Resp:	41057
Ion	Ratio	Lower	Upper
108	100		
107	84.6	76.7	115.1





#14

Acetophenone

Concen: 1.10 ng/ul

RT: 9.06 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BG025351.D

Acq: 20 Dec 2016 12:49

Instrument :

BNA_G

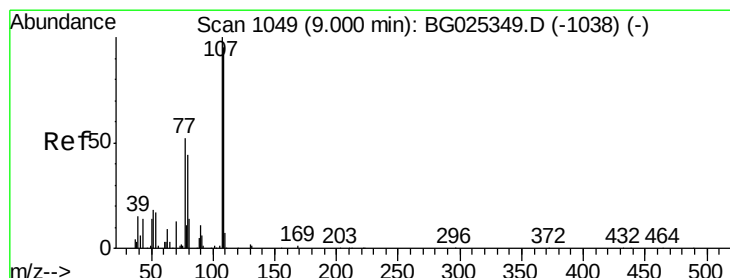
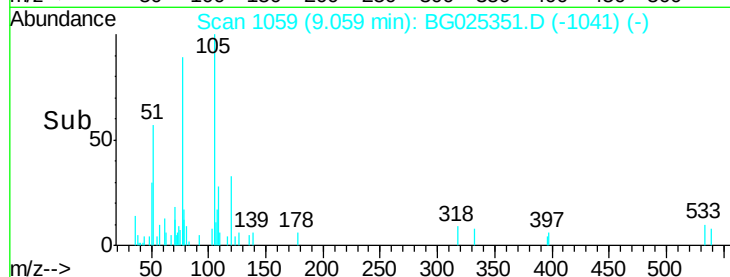
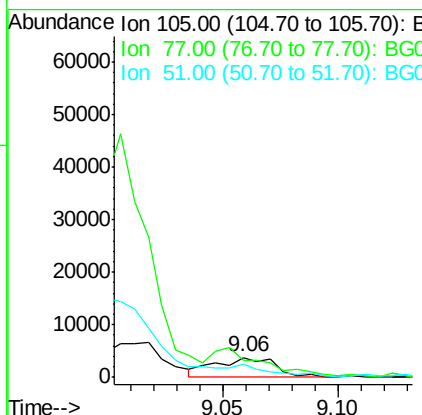
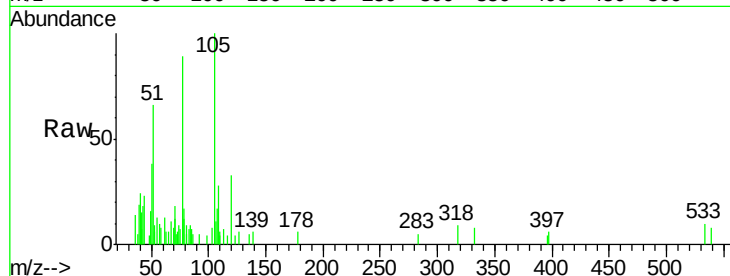
ClientSampleId :

DA8W9DL

Tgt Ion:	105	Resp:	6920
Ion Ratio	Lower	Upper	
105	100		
77	89.3	76.0	114.0
51	65.6	34.8	52.2

Manual Integrations
APPROVED

sohil
12/20/2016 6:30:01 PM



#16

4-Methylphenol

Concen: 37.37 ng/ul

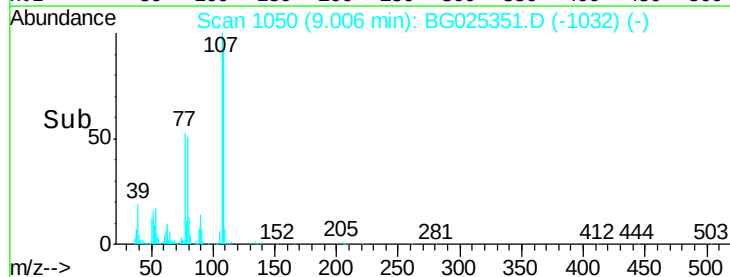
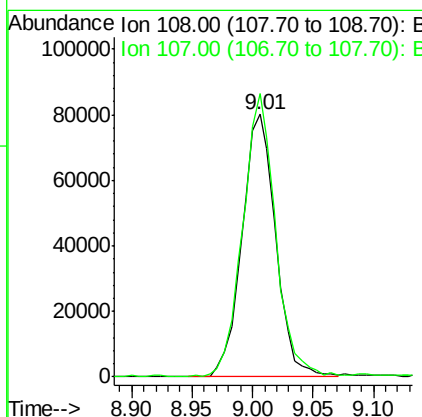
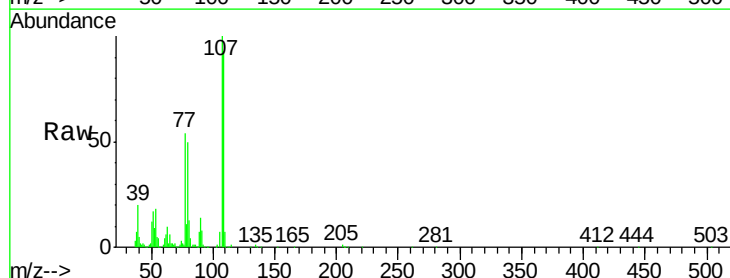
RT: 9.01 min Scan# 1050

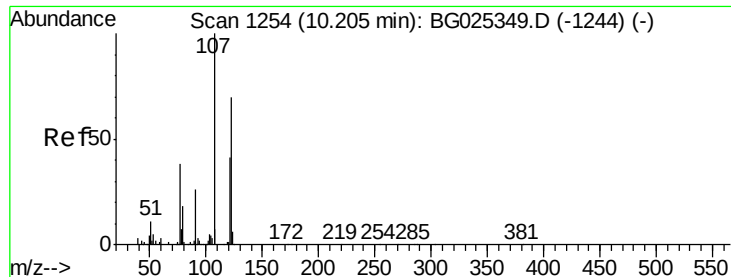
Delta R.T. 0.01 min

Lab File: BG025351.D

Acq: 20 Dec 2016 12:49

Tgt Ion:	108	Resp:	155950
Ion Ratio	Lower	Upper	
108	100		
107	107.8	91.7	137.5





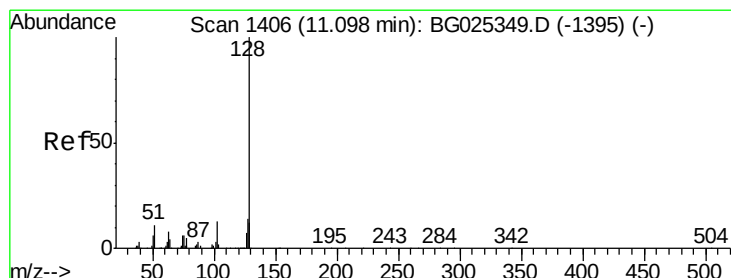
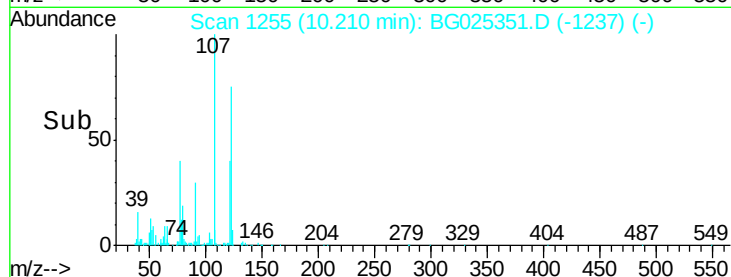
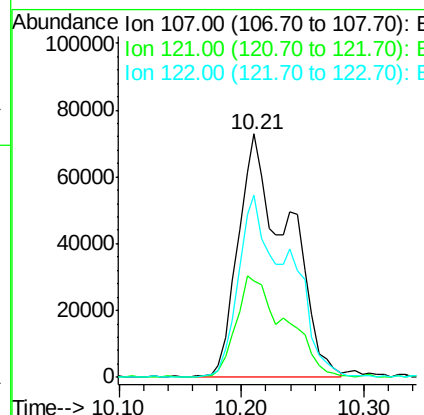
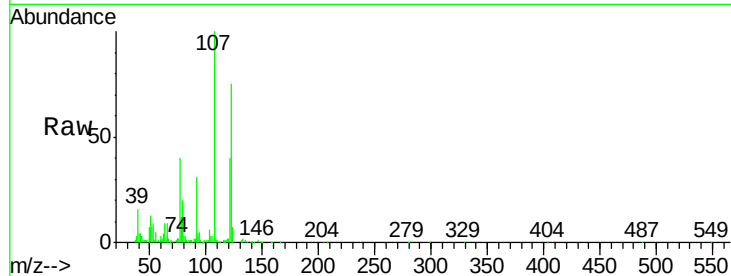
#24
2,4-Dimethylphenol
Concen: 40.55 ng/ul m
RT: 10.21 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BG025351.D
Acq: 20 Dec 2016 12:49

Instrument :
BNA_G
ClientSampled :
DA8W9DL

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
121	39.7	32.3	48.5
122	74.7	61.2	91.8

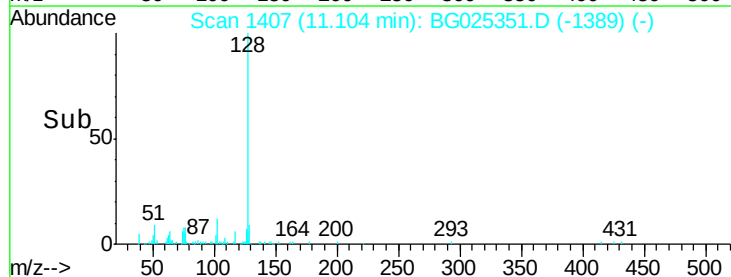
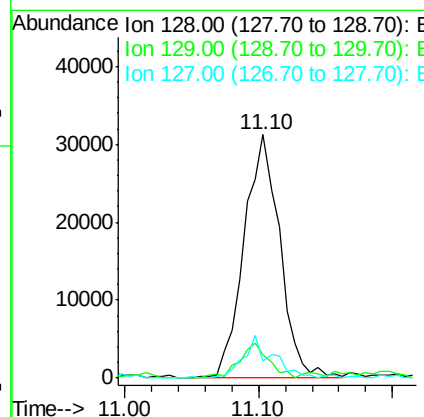
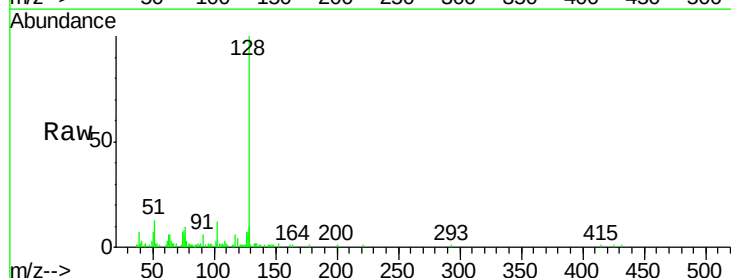
Manual Integrations
APPROVED

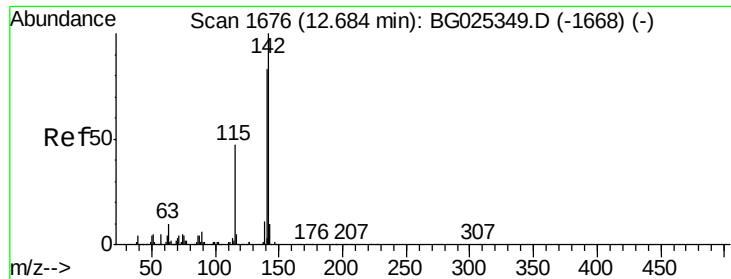
sohil
12/20/2016 6:30:01 PM



#28
Naphthalene
Concen: 5.05 ng/ul
RT: 11.10 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BG025351.D
Acq: 20 Dec 2016 12:49

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	9.7	9.4	14.2
127	7.2	10.3	15.5#





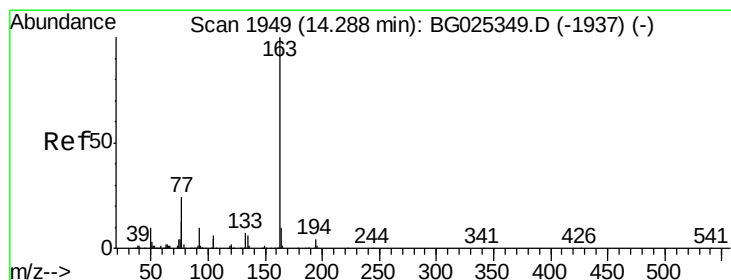
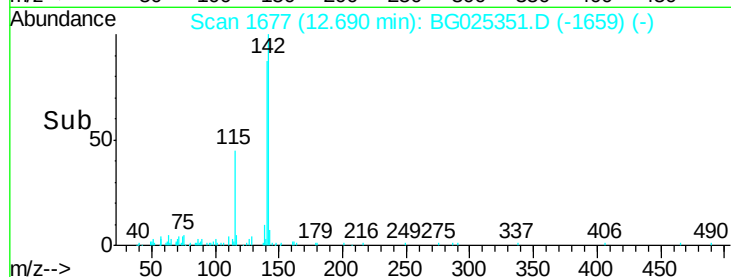
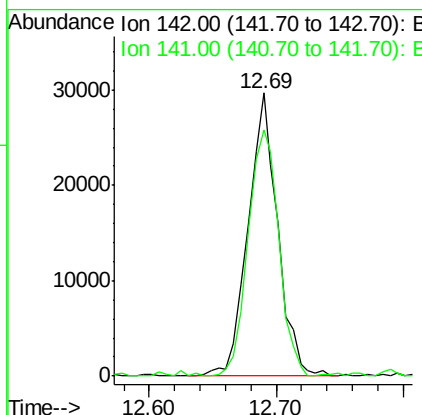
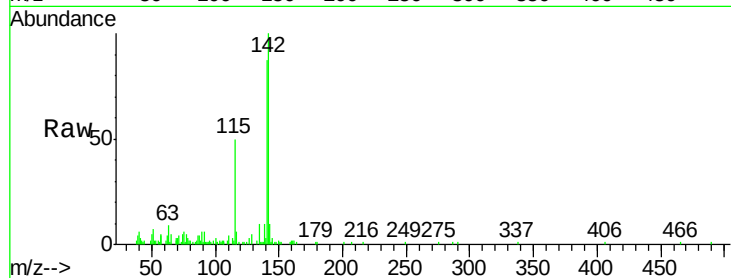
#34
 2-Methylnaphthalene
 Concen: 5.34 ng/ul
 RT: 12.69 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BG025351.D
 Acq: 20 Dec 2016 12:49

Instrument :
 BNA_G
 ClientSampleId :
 DA8W9DL

Tgt Ion:142 Resp: 48266
 Ion Ratio Lower Upper
 142 100
 141 87.2 68.6 102.8

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:30:01 PM



#44
 Dimethylphthalate
 Concen: 1.19 ng/ul
 RT: 14.29 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG025351.D
 Acq: 20 Dec 2016 12:49

Tgt Ion:163 Resp: 16682
 Ion Ratio Lower Upper
 163 100
 194 7.8 3.4 5.0#
 164 14.0 9.0 13.4#

