

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025286.D
 Acq On : 17 Dec 2016 22:46
 Operator : UM/SJ
 Sample : H6040-11DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA8W4DL

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:54:39 AM

Quant Time: Dec 18 04:32:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68164	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	279587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	211768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	458069	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	602707	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	613532	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	2013	1.53	ng/uL	-0.02
5) Phenol-d5	7.40	99	17511	2.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	10375	2.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	12827	3.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	15398	3.13	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	5679	2.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	7460	3.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	13992	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	15904	3.41	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	51053	3.50	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	62020	3.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	6451	2.58	ng/ul	0.02
57) Fluorene-d10	15.85	176	56371m	4.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.70	188	74840	3.87	ng/ul	0.00
76) Pyrene-d10	19.98	212	92176	3.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	90889	3.66	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.43	94	7094	1.18	ng/ul#	88
11) 2-Methylphenol	8.68	108	27780	6.25	ng/ul	91
16) 4-Methylphenol	9.02	108	70839	14.33	ng/ul	91
24) 2,4-Dimethylphenol	10.22	107	161074m	28.13	ng/ul	
28) Naphthalene	11.12	128	101365	7.80	ng/ul#	96
34) 2-Methylnaphthalene	12.70	142	107364	10.47	ng/ul	98
40) 1,1'-Biphenyl	13.69	154	25903	2.02	ng/ul#	90
53) Dibenzofuran	15.25	168	26070	1.55	ng/ul	97
58) Fluorene	15.90	166	39913	2.92	ng/ul	98
69) Phenanthrene	17.64	178	41988	1.92	ng/ul#	96

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

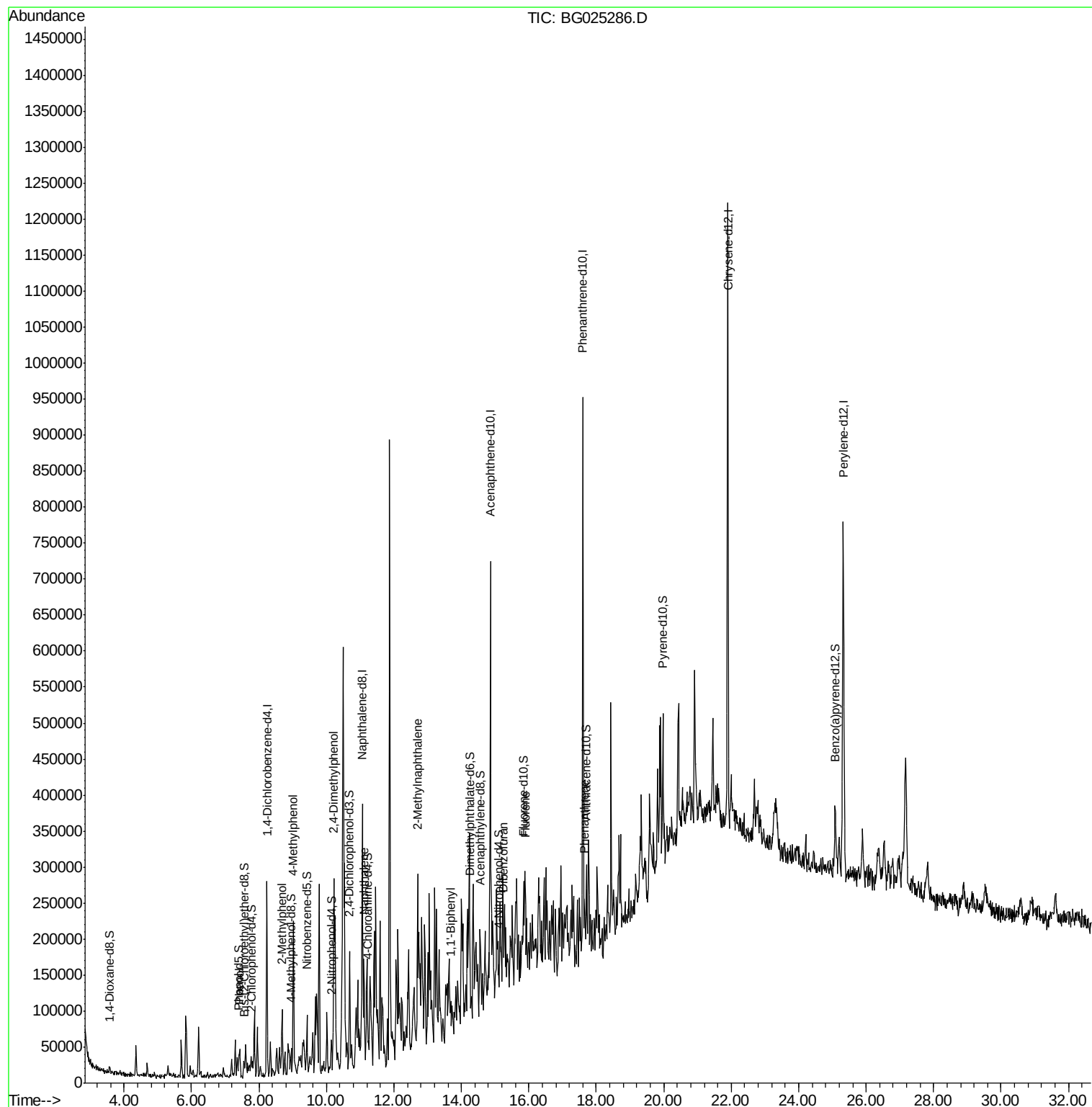
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025286.D
Acq On : 17 Dec 2016 22:46
Operator : UM/SJ
Sample : H6040-11DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

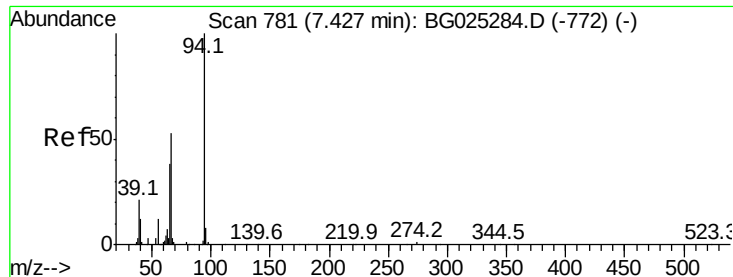
Instrument :
BNA_G
ClientSampleId :
DA8W4DL

Quant Time: Dec 18 04:32:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

umangi
12/20/2016 10:54:39 AM





#6

Phenol

Concen: 1.18 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Instrument :

BNA_G

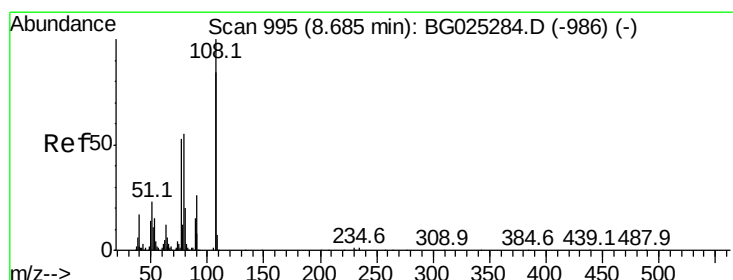
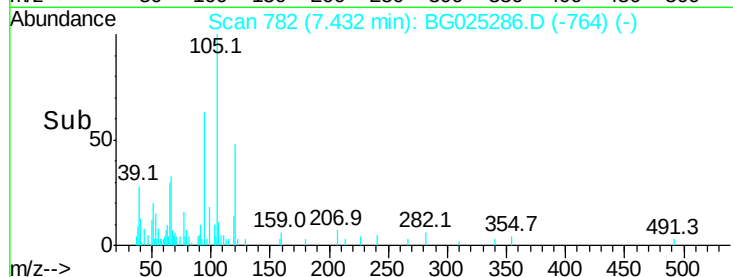
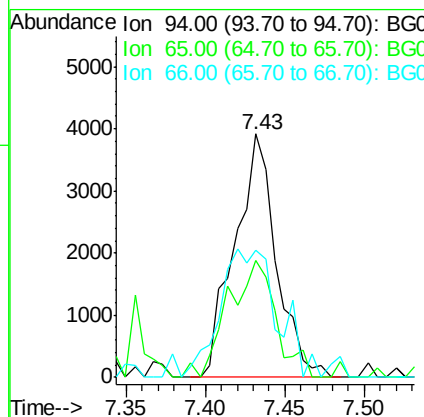
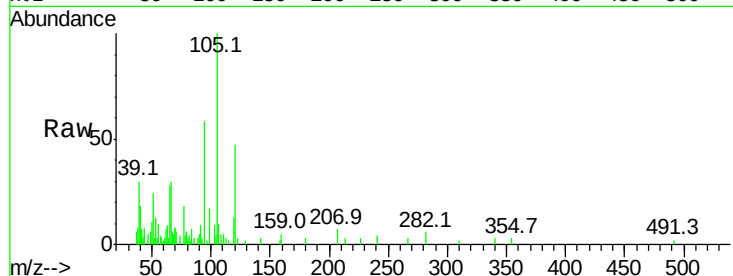
ClientSampleId :

DA8W4DL

Tot Ion:	94	Resp:	7094
Ion Ratio	Lower	Upper	
94	100		
65	47.8	26.8	40.2#
66	52.3	44.4	66.6

Manual Integrations
APPROVED

umangi
12/20/2016 10:54:39 AM



#11

2-Methylphenol

Concen: 6.25 ng/ul

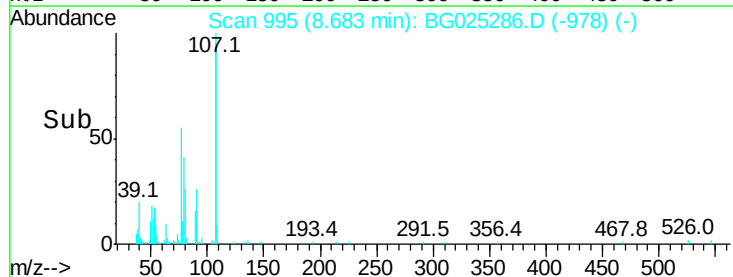
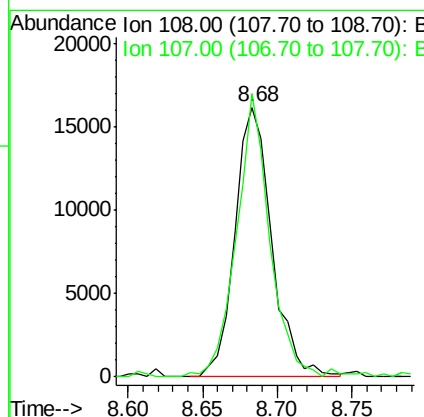
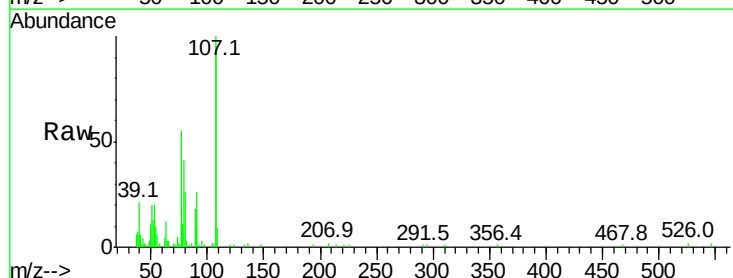
RT: 8.68 min Scan# 995

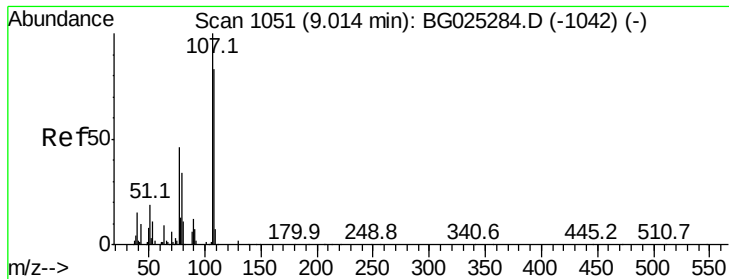
Delta R.T. -0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Tgt Ion:	108	Resp:	27780
Ion Ratio	Lower	Upper	
108	100		
107	105.0	76.7	115.1





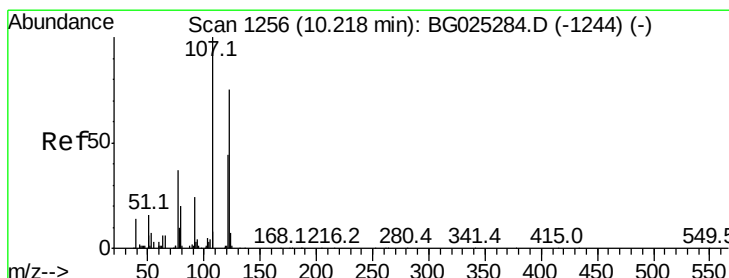
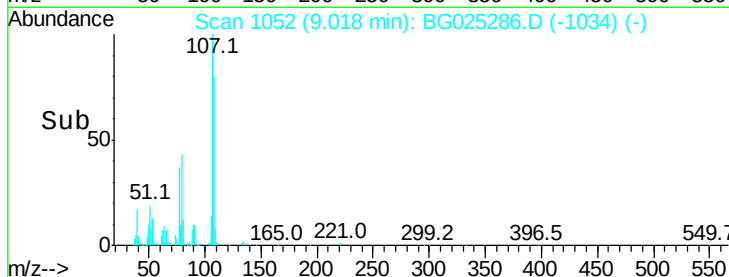
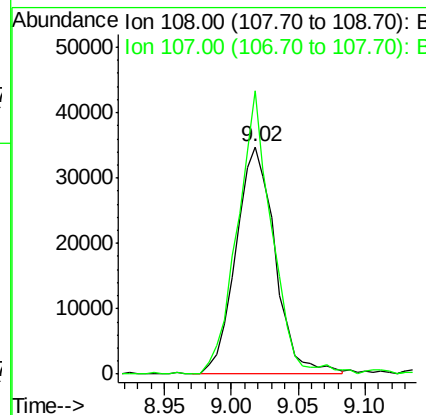
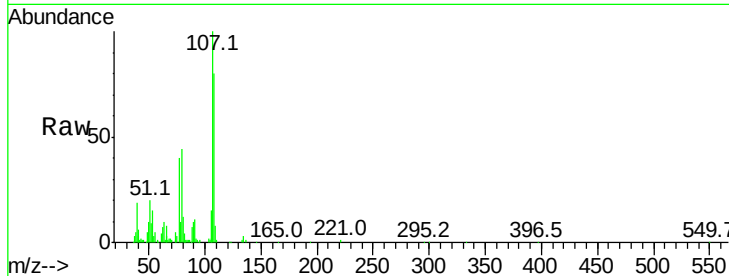
#16
4-Methylphenol
Concen: 14.33 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG025286.D
Acq: 17 Dec 2016 22:46

Instrument :
BNA_G
ClientSampleId :
DA8W4DL

Tot Ion	Ratio	Lower	Upper
108	100		
107	124.4	91.7	137.5

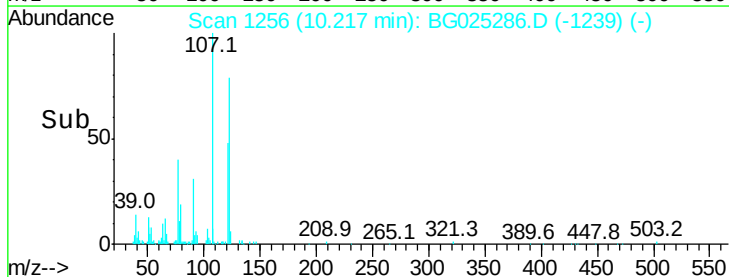
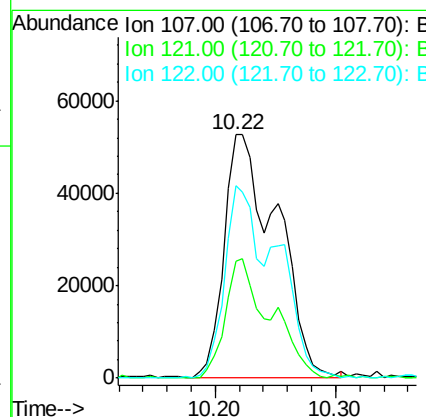
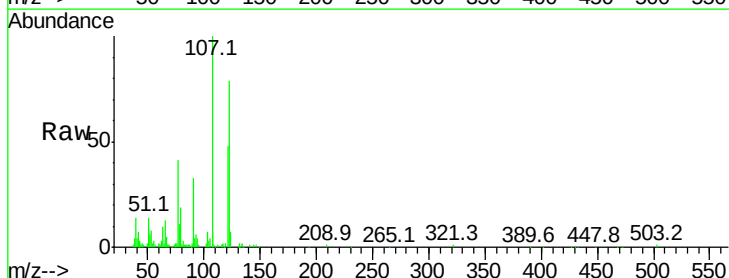
Manual Integrations
APPROVED

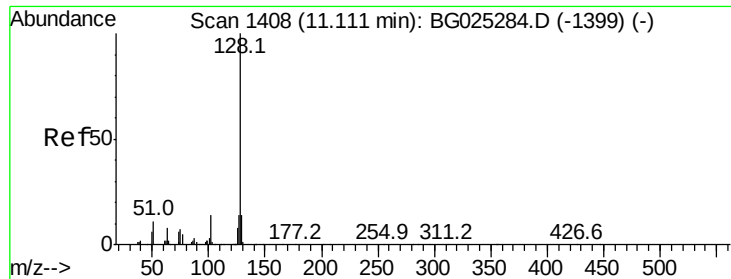
umangi
12/20/2016 10:54:39 AM



#24
2,4-Dimethylphenol
Concen: 28.13 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025286.D
Acq: 17 Dec 2016 22:46

Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.2	32.3	48.5
122	79.2	61.2	91.8





#28

Naphthalene

Concen: 7.80 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Instrument :

BNA_G

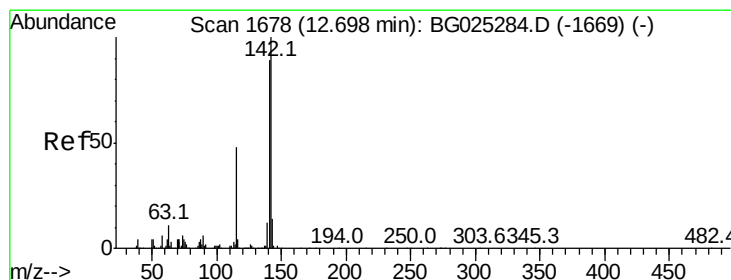
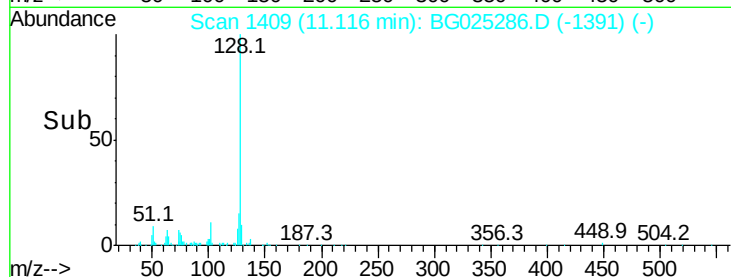
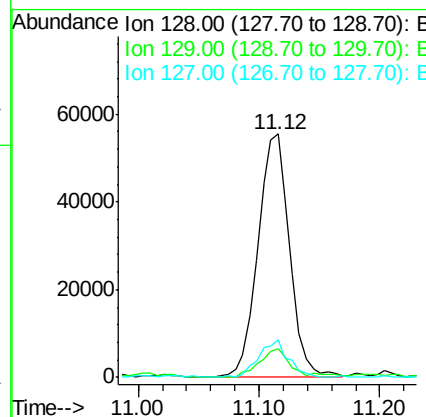
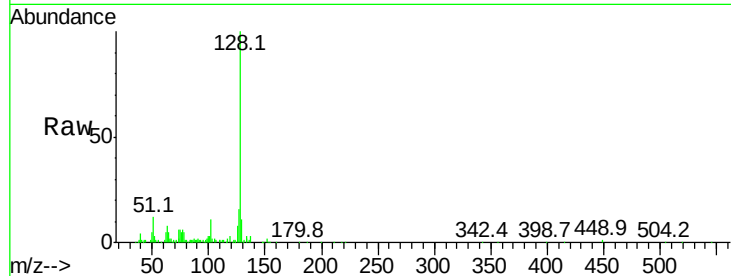
ClientSampleId :

DA8W4DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	15.5	10.3	15.5#

Manual Integrations
APPROVED

umangi
12/20/2016 10:54:39 AM



#34

2-Methylnaphthalene

Concen: 10.47 ng/ul

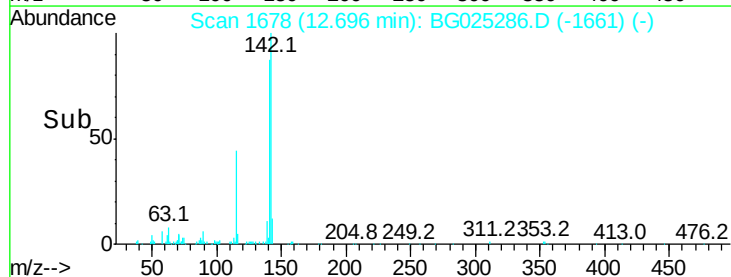
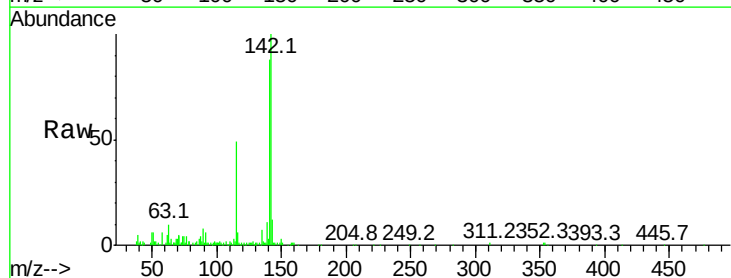
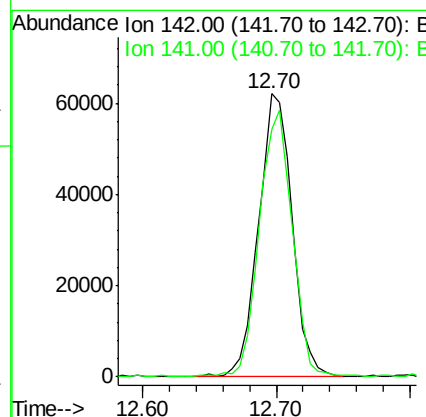
RT: 12.70 min Scan# 1678

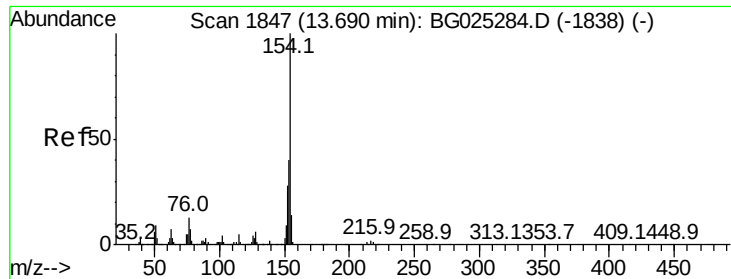
Delta R.T. -0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.6	102.8





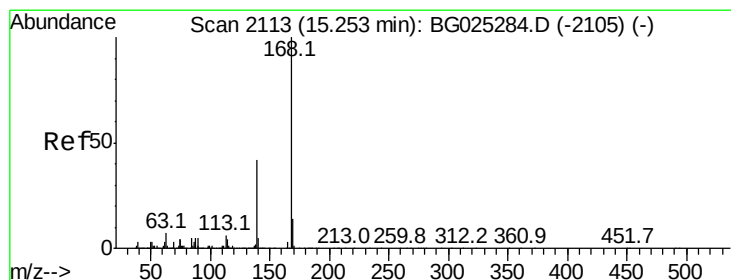
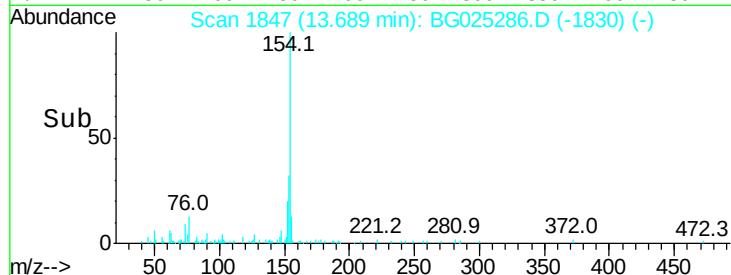
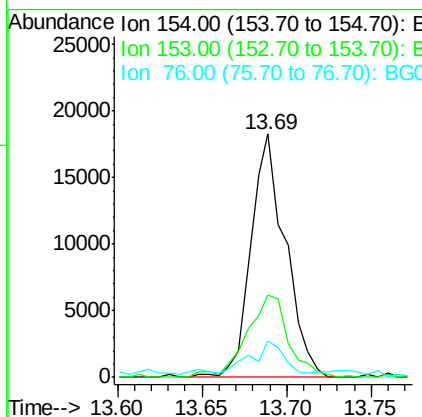
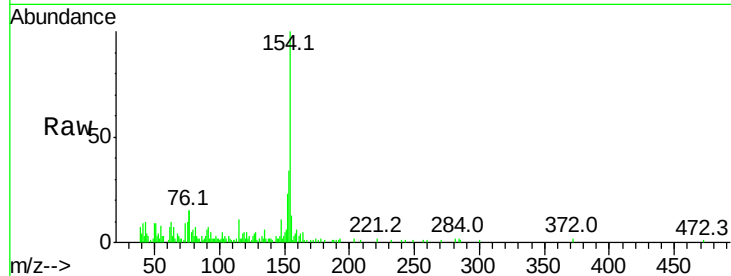
#40
 1,1'-Biphenyl
 Concen: 2.02 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG025286.D
 Acq: 17 Dec 2016 22:46

Instrument :
 BNA_G
 ClientSampleID :
 DA8W4DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	33.7	32.2	48.2
76	14.8	9.6	14.4

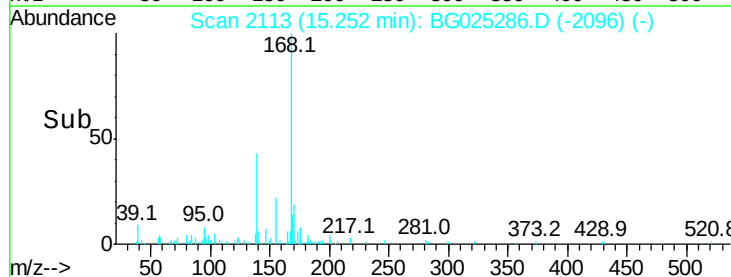
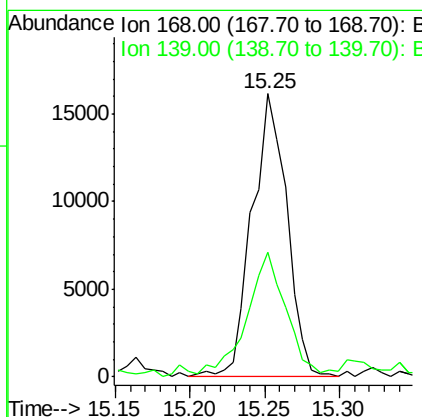
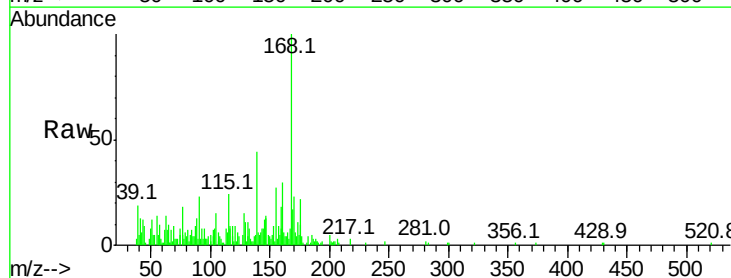
Manual Integrations
 APPROVED

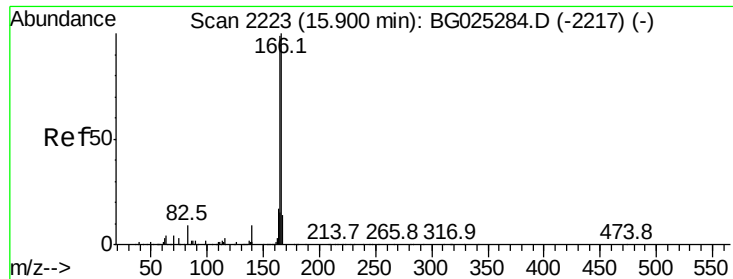
umangi
 12/20/2016 10:54:39 AM



#53
 Dibenzofuran
 Concen: 1.55 ng/ul
 RT: 15.25 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG025286.D
 Acq: 17 Dec 2016 22:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.1	33.8	50.8





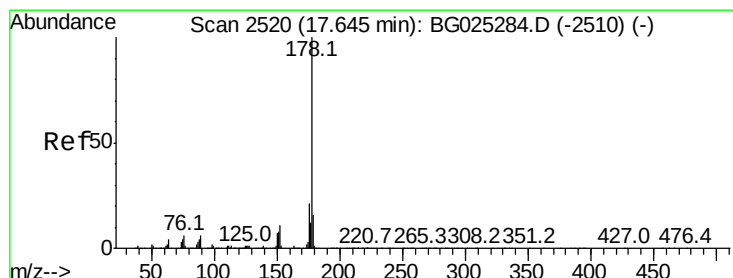
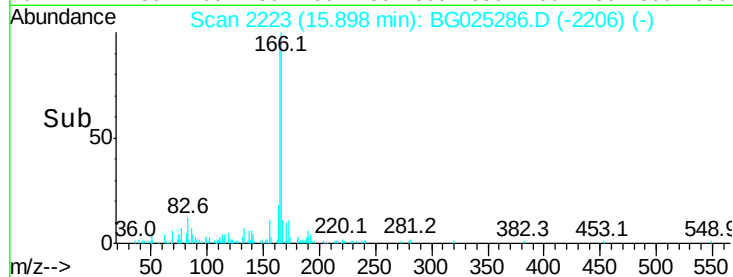
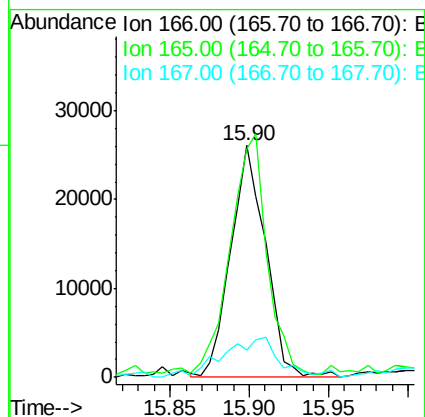
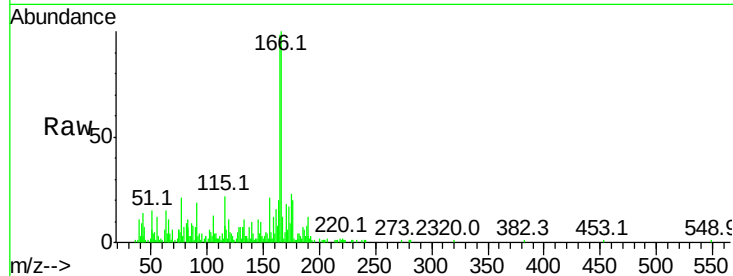
#58
Fluorene
Concen: 2.92 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025286.D
Acq: 17 Dec 2016 22:46

Instrument :
BNA_G
ClientSampleId :
DA8W4DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.7	119.5
167	12.0	11.4	17.2

Manual Integrations
APPROVED

umangi
12/20/2016 10:54:39 AM



#69
Phenanthrene
Concen: 1.92 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025286.D
Acq: 17 Dec 2016 22:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.4	18.6#
176	20.4	16.5	24.7

