

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025307.D
 Acq On : 18 Dec 2016 12:34
 Operator : UM/SJ
 Sample : H5905-19DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA818DL

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:56:00 AM

Quant Time: Dec 19 06:28:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 04:41:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	284817	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	218208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	482091	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	621215	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	615932	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	853	0.64	ng/uL	0.00
5) Phenol-d5	7.41	99	16332	2.77	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.55	67	11445	3.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	10587	2.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	13671	2.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	7038	3.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	7952	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	14063	2.91	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	50472	3.36	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	60903	3.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	8097	3.14	ng/ul	0.02
57) Fluorene-d10	15.84	176	53573	3.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	628	0.21	ng/ul	0.00
70) Anthracene-d10	17.70	188	74595	3.67	ng/ul	0.00
76) Pyrene-d10	19.97	212	87594	3.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	87771	3.52	ng/ul	-0.01

Target Compounds

						Ovalue
6) Phenol	7.43	94	7603	1.26	ng/ul	96
11) 2-Methylphenol	8.68	108	19421	4.36	ng/ul	91
24) 2,4-Dimethylphenol	10.22	107	66350m	11.38	ng/ul	
28) Naphthalene	11.11	128	178277	13.47	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	341377	32.67	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	73898	5.59	ng/ul#	88
44) Dimethylphthalate	14.30	163	34843	2.36	ng/ul#	97
49) Acenaphthene	14.92	153	17392	1.59	ng/ul#	79
53) Dibenzofuran	15.25	168	45598	2.63	ng/ul	99
58) Fluorene	15.90	166	47663	3.38	ng/ul#	98

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

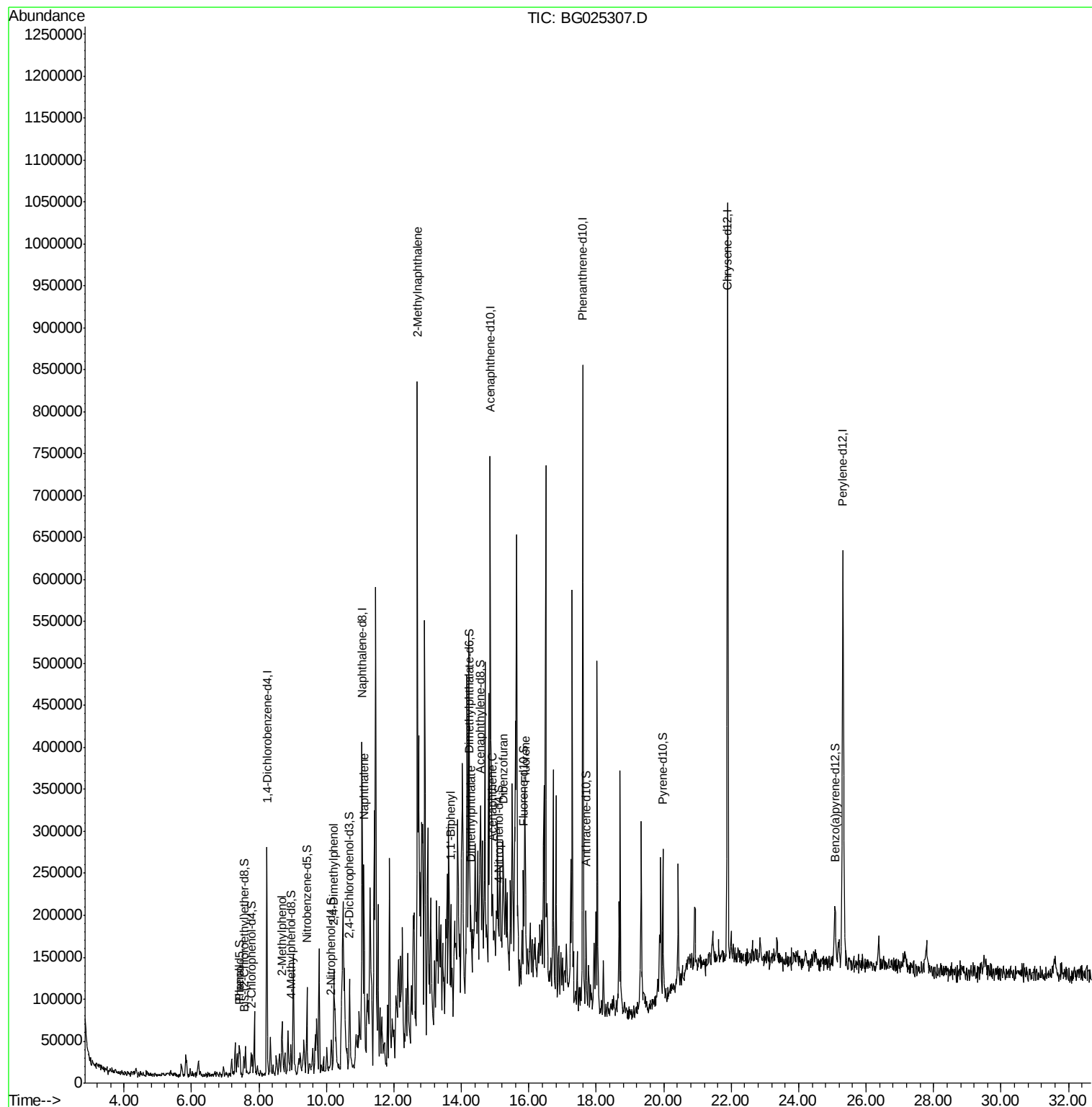
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025307.D
Acq On : 18 Dec 2016 12:34
Operator : UM/SJ
Sample : H5905-19DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

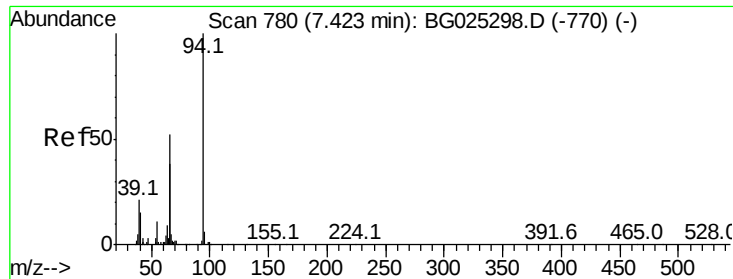
Instrument :
BNA_G
ClientSampleId :
DA818DL

Quant Time: Dec 19 06:28:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

umangi
12/20/2016 10:56:00 AM





#6

Phenol

Concen: 1.26 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

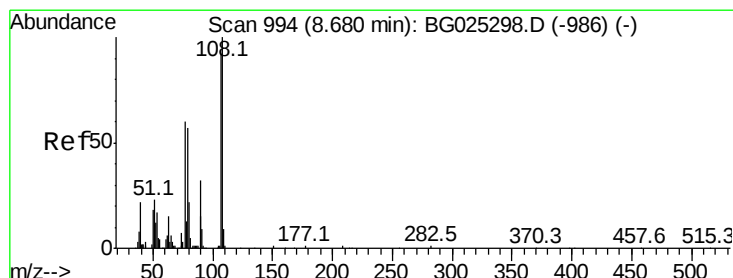
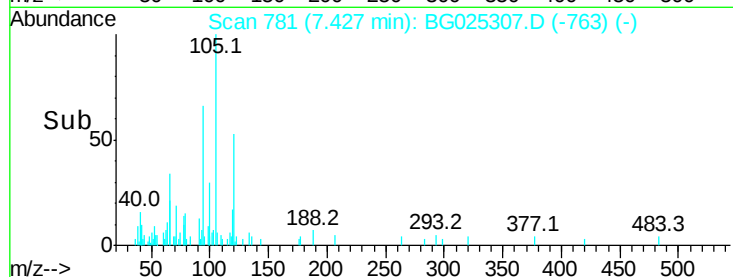
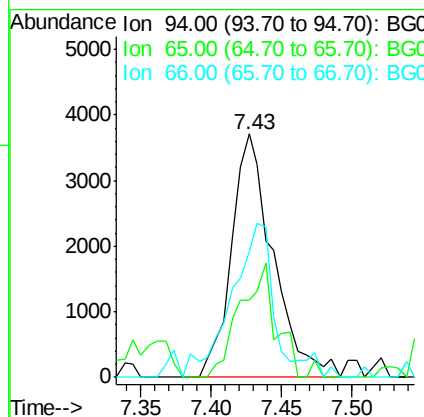
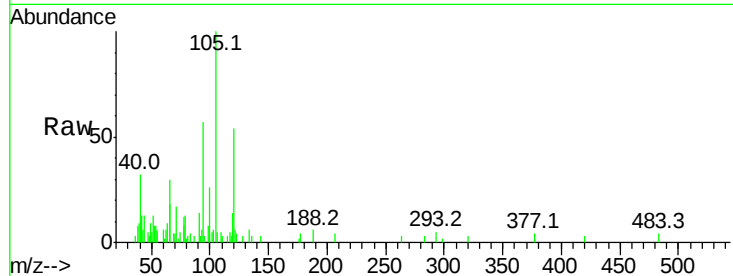
ClientSampleID :

DA818DL

Tot Ion:	94	Resp:	7603
Ion Ratio	Lower	Upper	
94	100		
65	32.0	26.8	40.2
66	51.9	44.4	66.6

Manual Integrations
APPROVED

umangi
12/20/2016 10:56:00 AM



#11

2-Methylphenol

Concen: 4.36 ng/ul

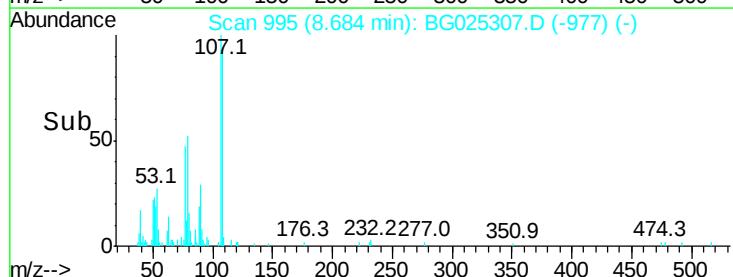
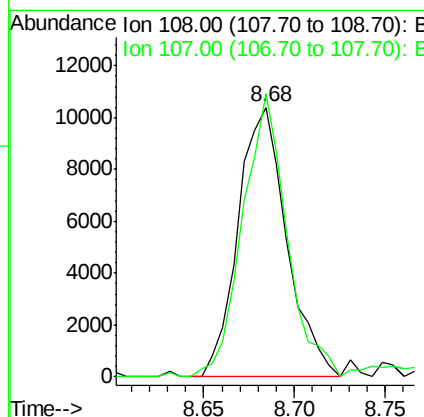
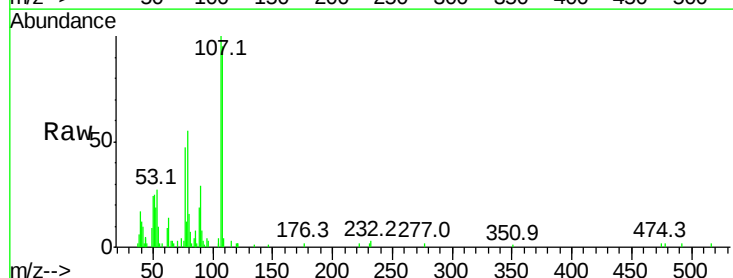
RT: 8.68 min Scan# 995

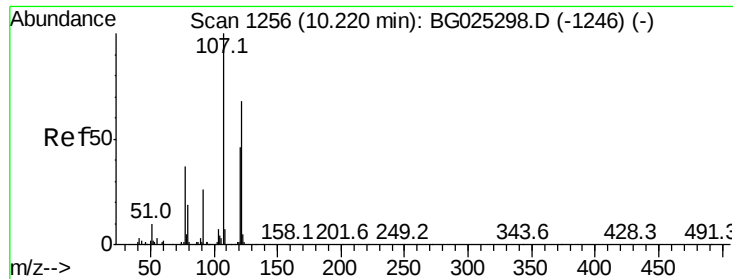
Delta R.T. 0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Tgt Ion:	108	Resp:	19421
Ion Ratio	Lower	Upper	
108	100		
107	104.9	76.7	115.1





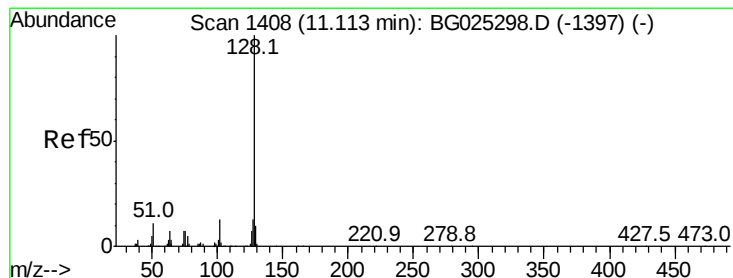
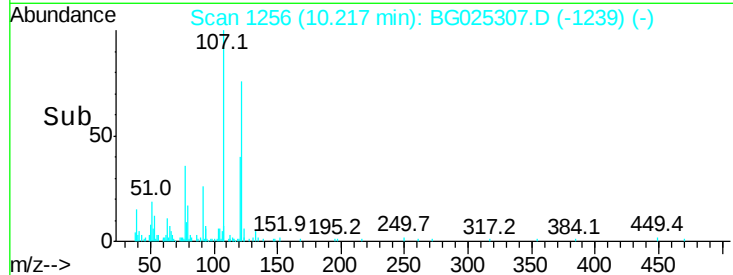
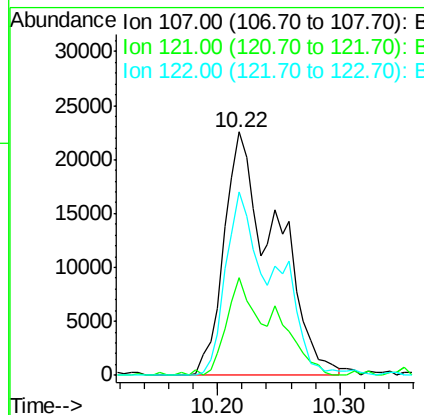
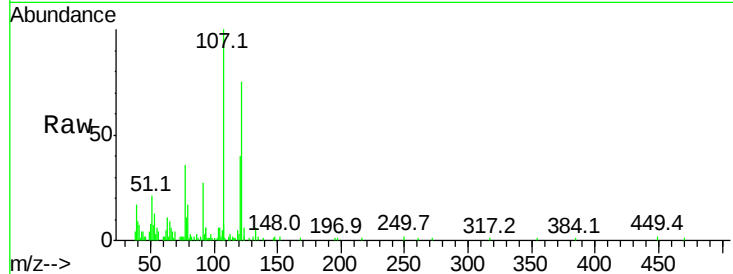
#24
2,4-Dimethylphenol
Concen: 11.38 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025307.D
Acq: 18 Dec 2016 12:34

Instrument :
BNA_G
ClientSampleId :
DA818DL

Tot Ion	Ratio	Lower	Upper
107	100		
121	40.0	32.3	48.5
122	75.4	61.2	91.8

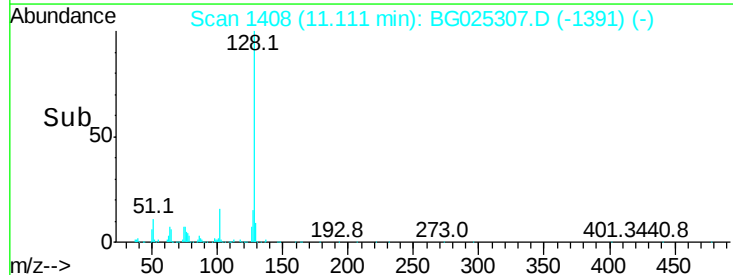
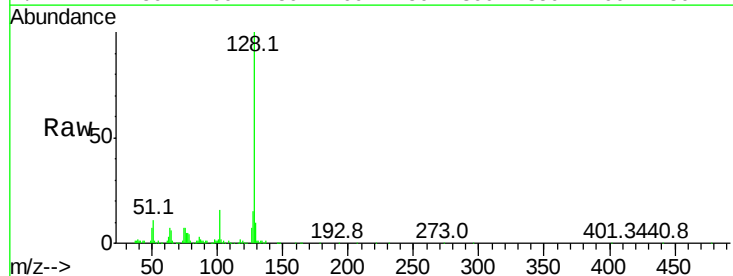
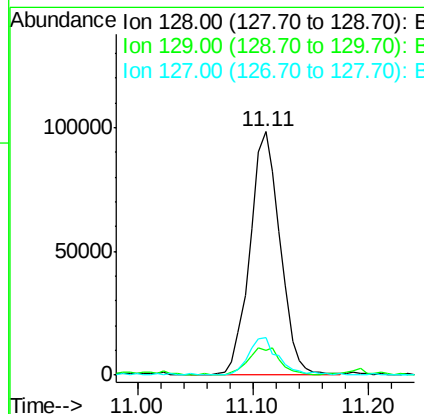
Manual Integrations
APPROVED

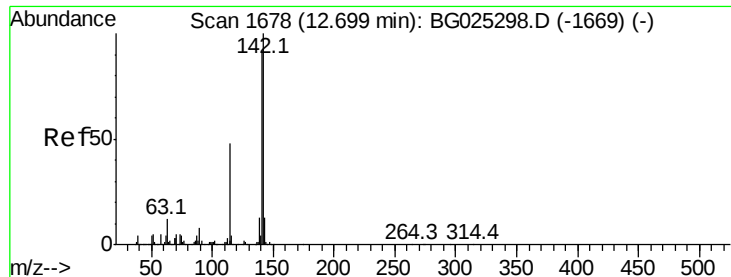
umangi
12/20/2016 10:56:00 AM



#28
Naphthalene
Concen: 13.47 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025307.D
Acq: 18 Dec 2016 12:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.2
127	15.4	10.3	15.5





#34

2-Methylnaphthalene

Concen: 32.67 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

ClientSampleId :

DA818DL

Tot Ion:142 Resp: 341377

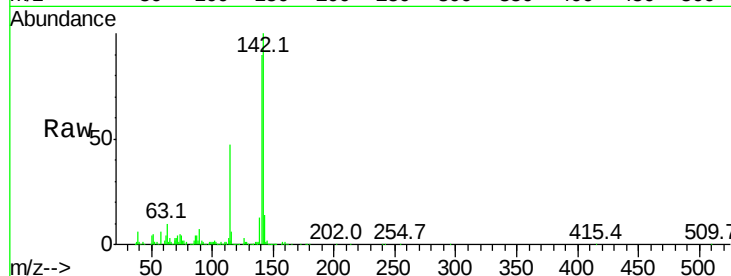
Ion Ratio Lower Upper

142 100

141 90.2 68.6 102.8

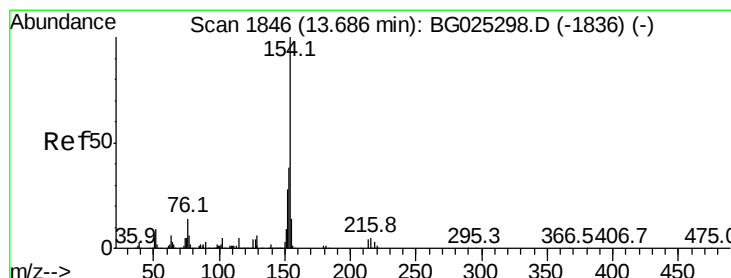
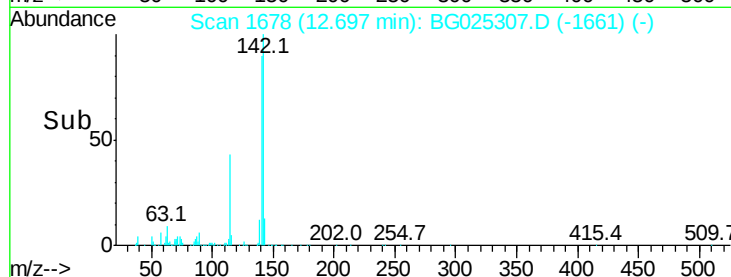
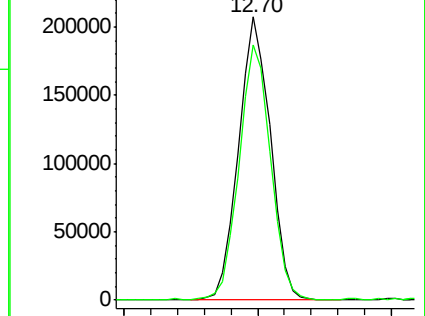
Manual Integrations
APPROVED

umangi
12/20/2016 10:56:00 AM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 5.59 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

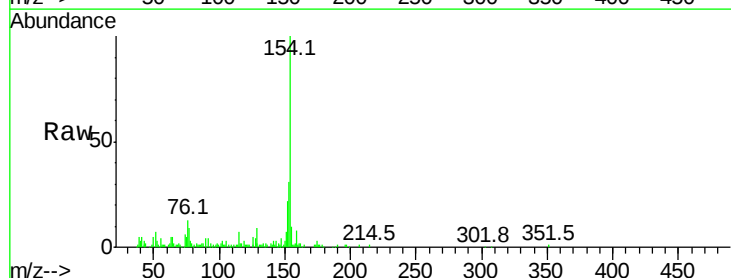
Tgt Ion:154 Resp: 73898

Ion Ratio Lower Upper

154 100

153 31.3 32.2 48.2#

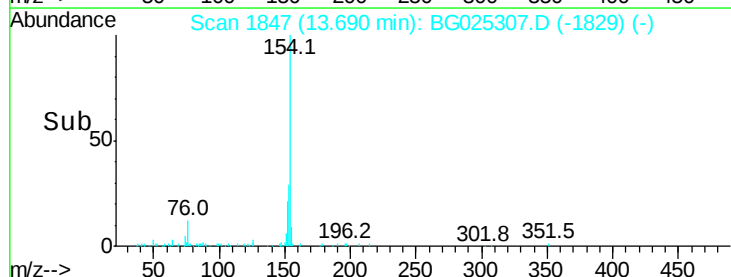
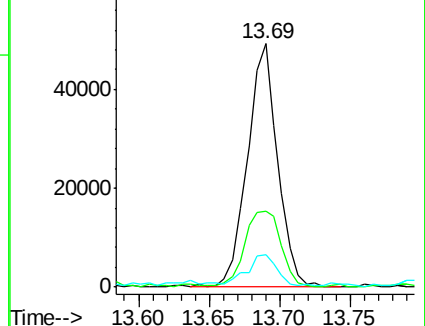
76 13.2 9.6 14.4

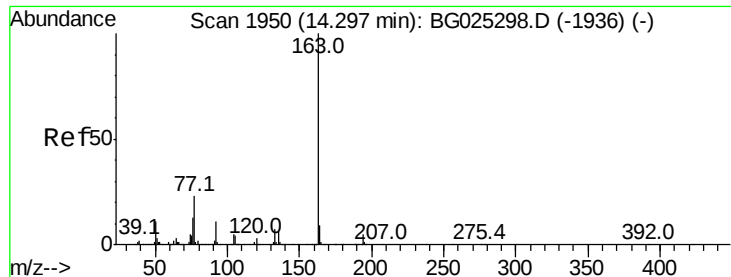


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





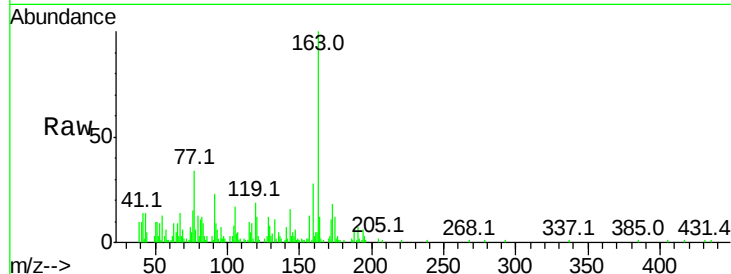
#44
Dimethylphthalate
Concen: 2.36 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025307.D
Acq: 18 Dec 2016 12:34

Instrument :
BNA_G
ClientSampleId :
DA818DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.0#
164	12.0	9.0	13.4

Manual Integrations
APPROVED

umangi
12/20/2016 10:56:00 AM

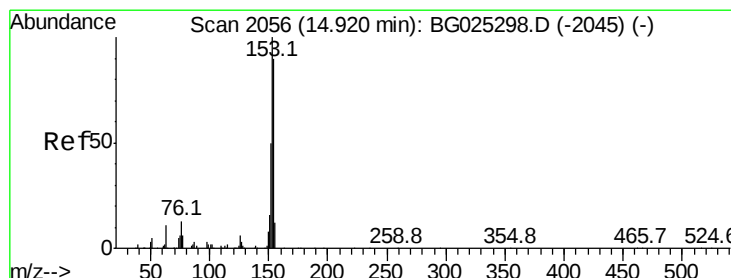
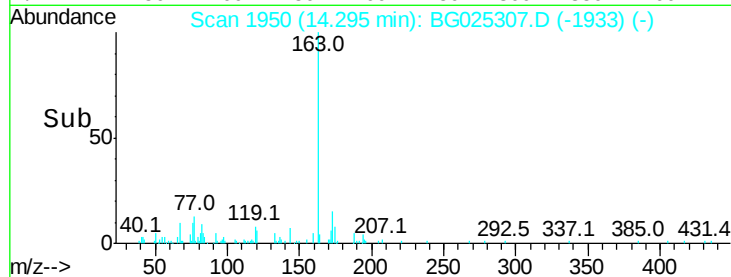
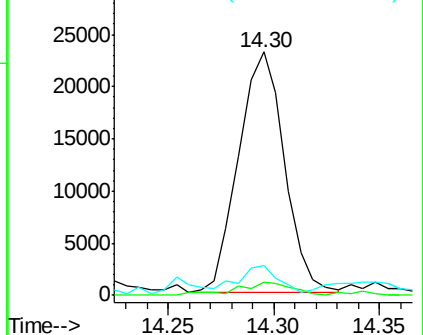


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 1.59 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG025307.D
Acq: 18 Dec 2016 12:34

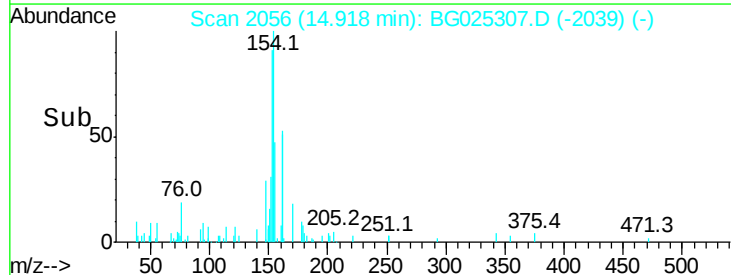
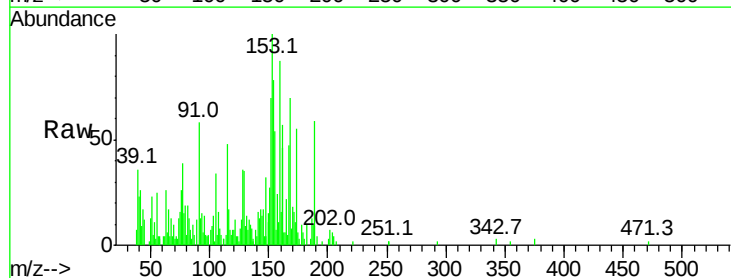
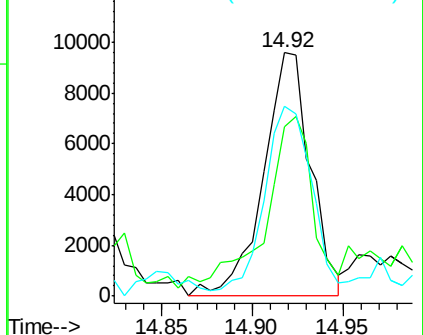
Tgt Ion	Ratio	Lower	Upper
153	100		
152	69.6	36.5	54.7#
154	77.9	72.3	108.5

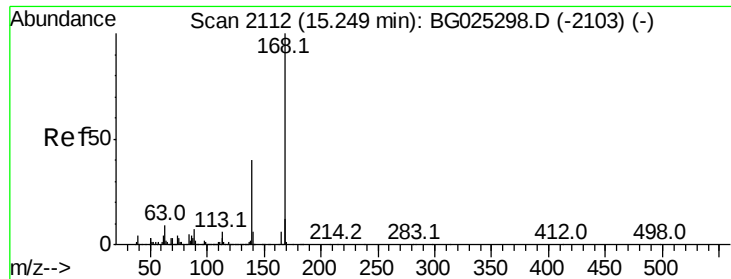
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 2.63 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Instrument :

BNA_G

ClientSampleId :

DA818DL

Tot Ion:168 Resp: 45598

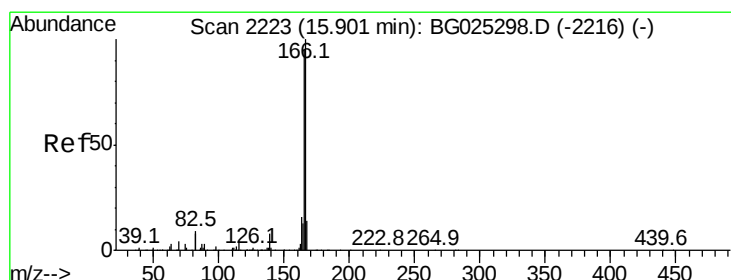
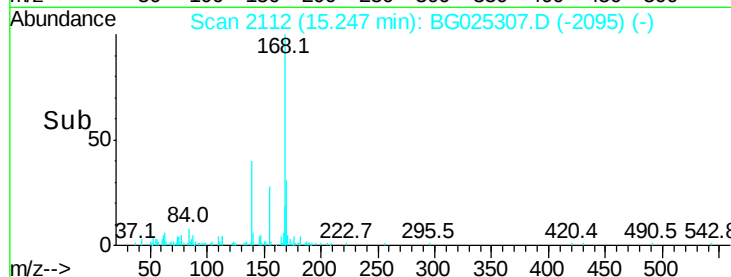
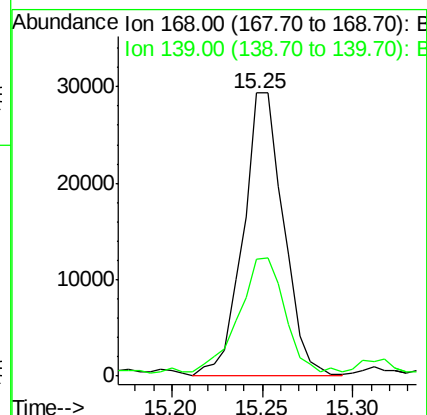
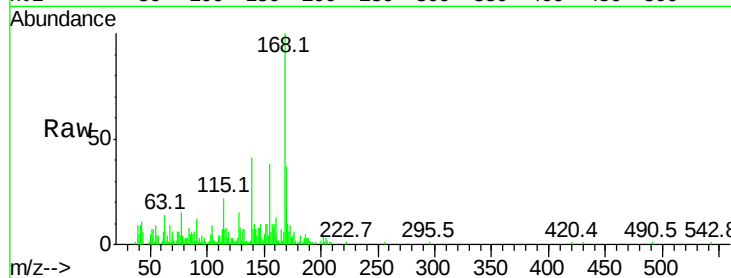
Ion Ratio Lower Upper

168 100

139 41.4 33.8 50.8

Manual Integrations
APPROVED

umangi
12/20/2016 10:56:00 AM



#58

Fluorene

Concen: 3.38 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025307.D

Acq: 18 Dec 2016 12:34

Tgt Ion:166 Resp: 47663

Ion Ratio Lower Upper

166 100

165 98.4 79.7 119.5

167 18.6 11.4 17.2#

