

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025172.D
 Acq On : 14 Dec 2016 12:19
 Operator : UM/SJ
 Sample : H5938-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA828

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:43:57 PM

Quant Time: Dec 15 03:43:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:32:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	66536	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	309127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	233585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	486687	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	574407	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	598274	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5668	4.40	ng/uL	0.00
5) Phenol-d5	7.39	99	131759	22.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93132	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	96170	23.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	118432	24.69	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	55002	25.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	64926	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	119902	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	152646m	29.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	399464	24.86	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	464318	26.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	63287	22.92	ng/ul	0.00
57) Fluorene-d10	15.85	176	361358	23.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	57455	19.09	ng/ul	0.00
70) Anthracene-d10	17.71	188	535538	26.07	ng/ul	0.00
76) Pyrene-d10	19.98	212	646253	27.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	646843	26.68	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	17365	2.95	ng/ul#	88
11) 2-Methylphenol	8.67	108	17876	4.12	ng/ul#	80
16) 4-Methylphenol	9.01	108	44862	9.30	ng/ul	96
24) 2,4-Dimethylphenol	10.22	107	241401m	38.13	ng/ul	
28) Naphthalene	11.12	128	155581	10.83	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	263386	23.23	ng/ul	99
40) 1,1'-Biphenyl	13.70	154	60389	4.26	ng/ul	92
44) Dimethylphthalate	14.30	163	173177	10.97	ng/ul#	94
49) Acenaphthene	14.93	153	16372	1.40	ng/ul#	78
53) Dibenzofuran	15.26	168	40002	2.16	ng/ul#	77
58) Fluorene	15.90	166	41607	2.76	ng/ul	98
69) Phenanthrene	17.65	178	27000	1.16	ng/ul	92

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

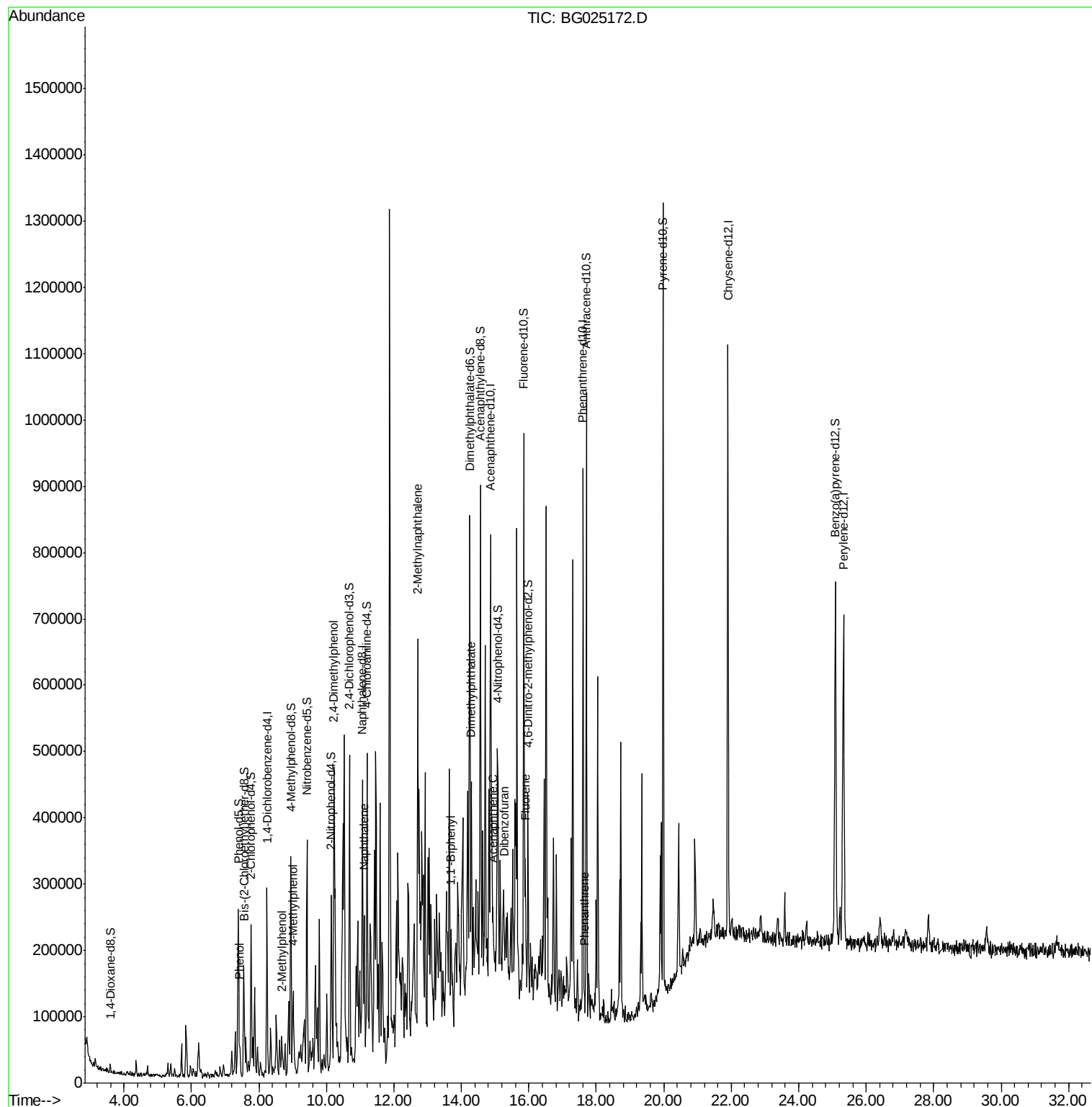
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025172.D
Acq On : 14 Dec 2016 12:19
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

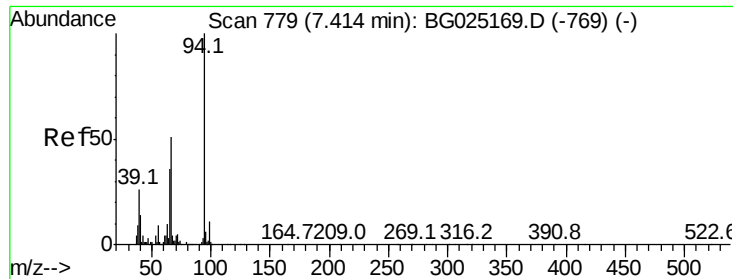
Instrument :
BNA_G
ClientSampleId :
DA828

Manual Integrations
APPROVED

sohil
12/15/2016 5:43:57 PM

Quant Time: Dec 15 03:43:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:32:07 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.95 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025172.D

Acq: 14 Dec 2016 12:19

Instrument :

BNA_G

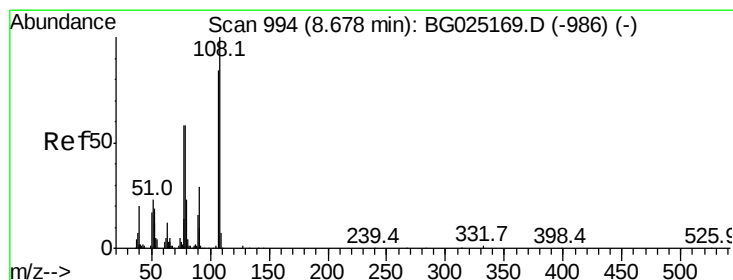
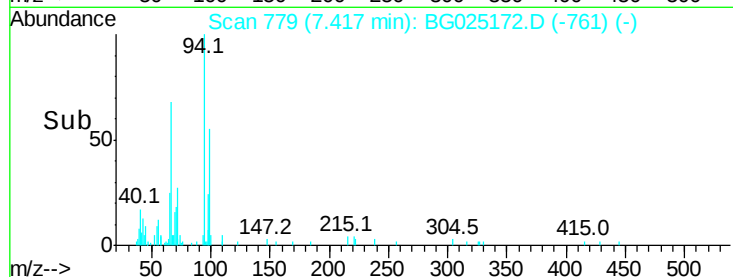
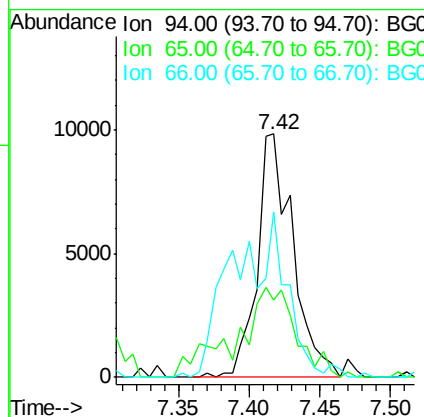
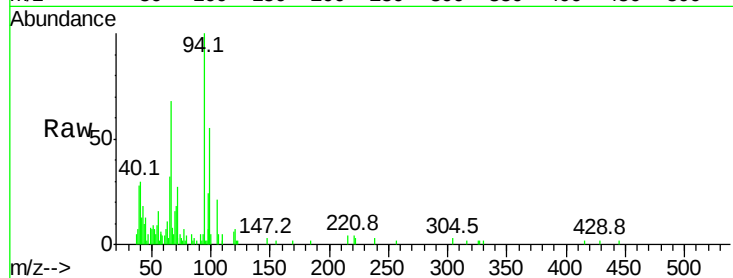
ClientSampled :

DA828

Tot Ion:	94	Resp:	17365
Ion Ratio	Lower	Upper	
94	100		
65	31.6	26.8	40.2
66	68.0	44.4	66.6#

Manual Integrations
APPROVED

sohil
12/15/2016 5:43:57 PM



#11

2-Methylphenol

Concen: 4.12 ng/ul

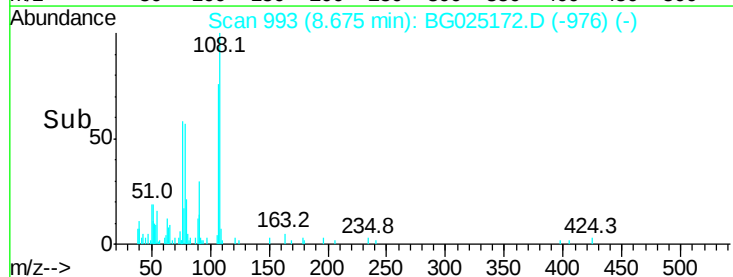
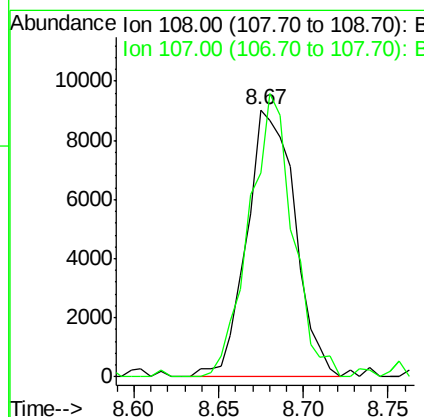
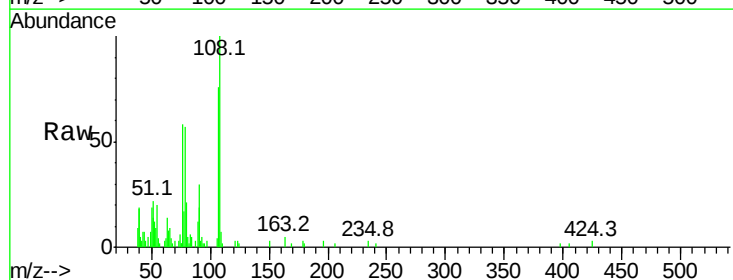
RT: 8.67 min Scan# 993

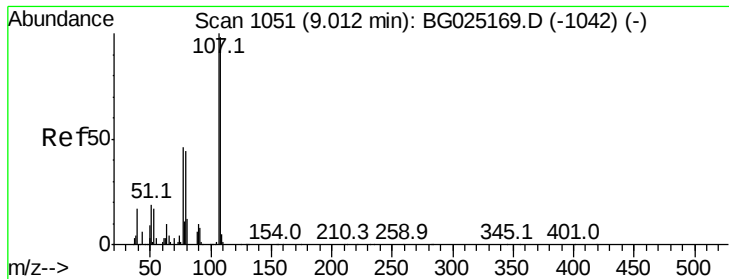
Delta R.T. -0.00 min

Lab File: BG025172.D

Acq: 14 Dec 2016 12:19

Tgt Ion:	108	Resp:	17876
Ion Ratio	Lower	Upper	
108	100		
107	76.5	76.7	115.1#





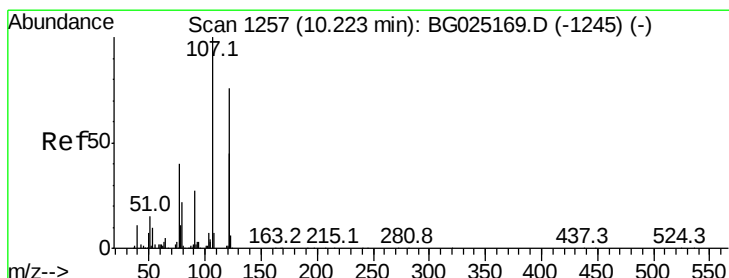
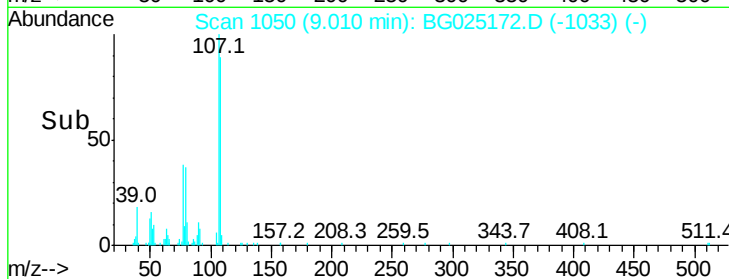
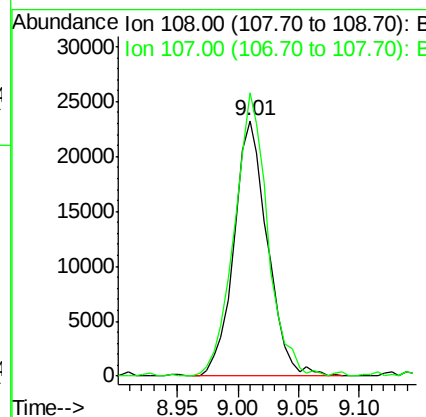
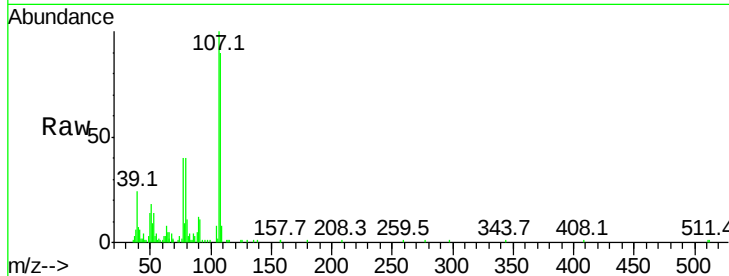
#16
4-Methylphenol
Concen: 9.30 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tot Ion	Ratio	Lower	Upper
108	100		
107	110.7	91.7	137.5

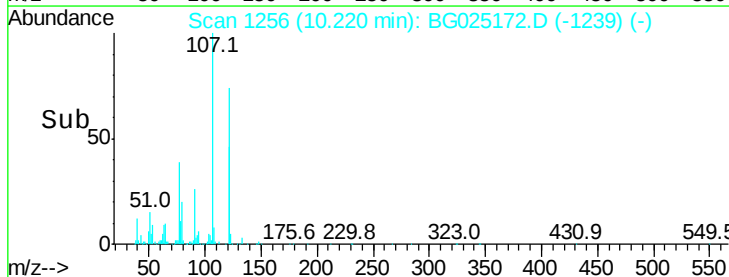
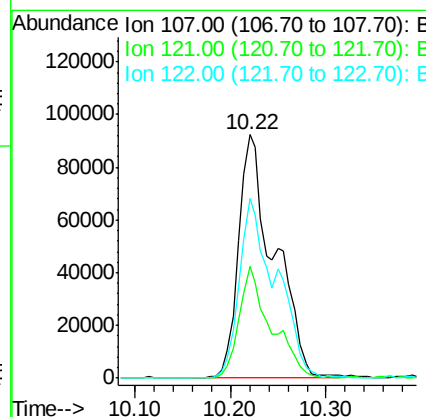
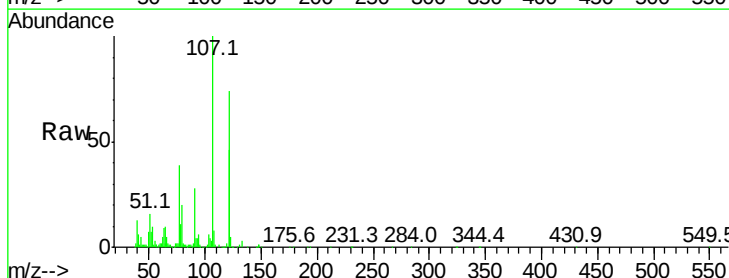
Manual Integrations
APPROVED

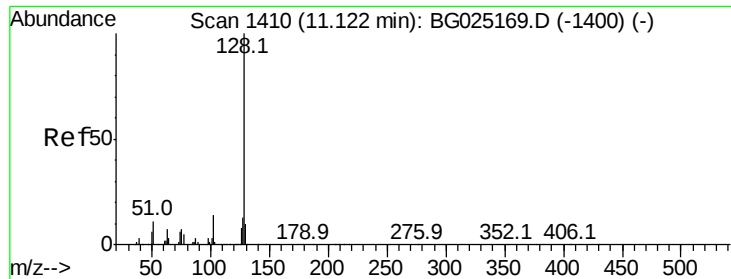
sohil
12/15/2016 5:43:57 PM



#24
2,4-Dimethylphenol
Concen: 38.13 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.8	32.3	48.5
122	74.0	61.2	91.8





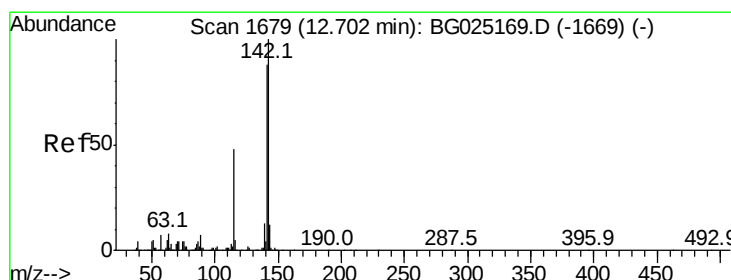
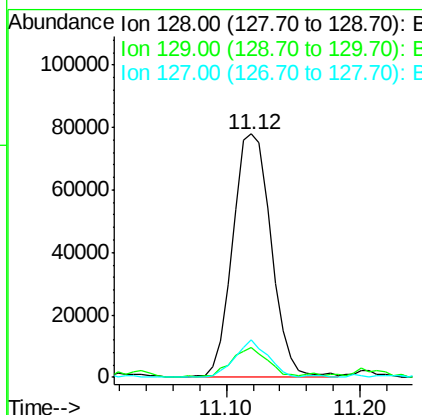
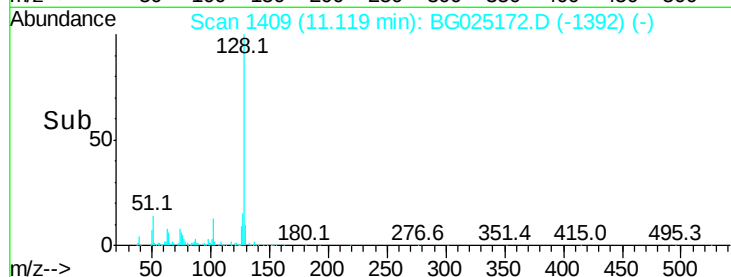
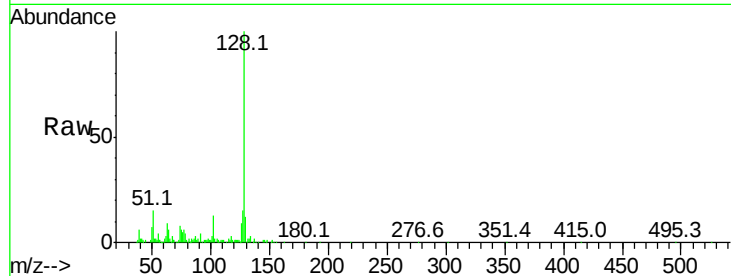
#28
Naphthalene
Concen: 10.83 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampled :
DA828

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	15.3	10.3	15.5

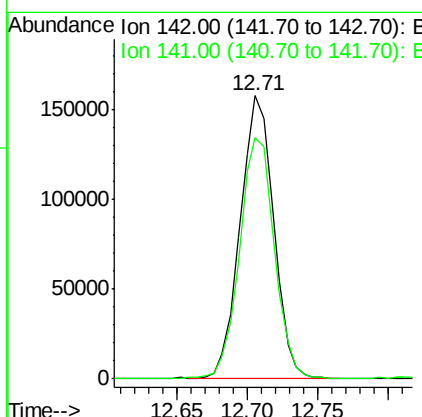
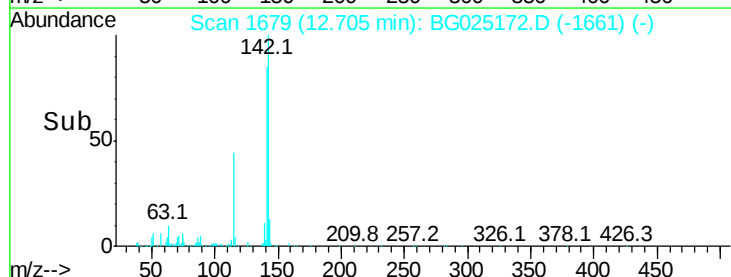
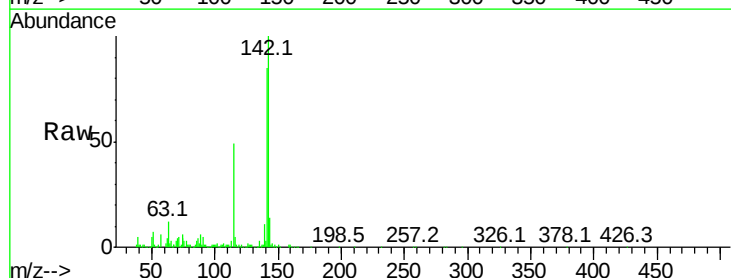
Manual Integrations
APPROVED

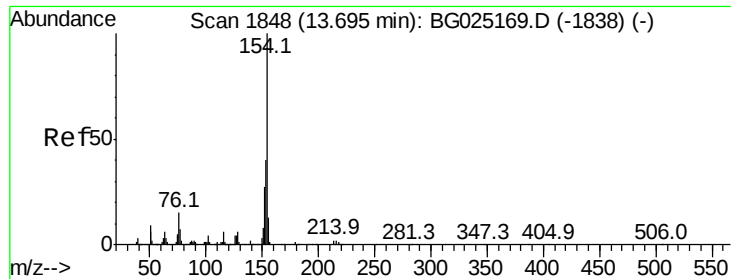
sohil
12/15/2016 5:43:57 PM



#34
2-Methylnaphthalene
Concen: 23.23 ng/ul
RT: 12.71 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.6	102.8





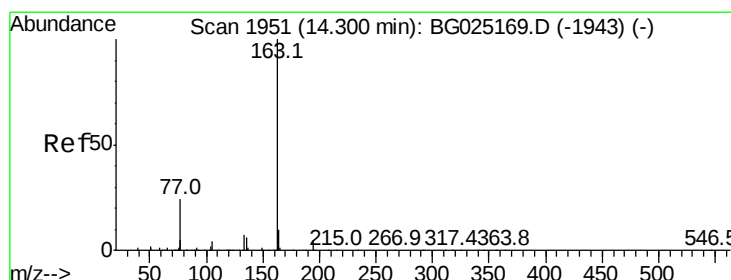
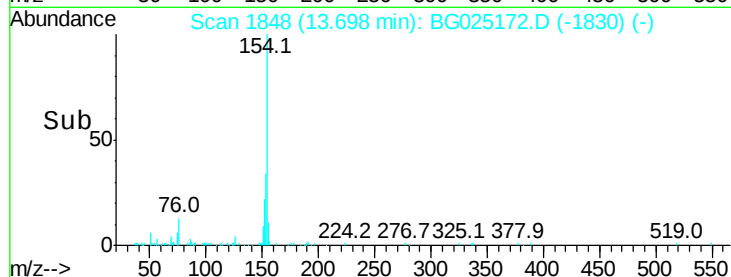
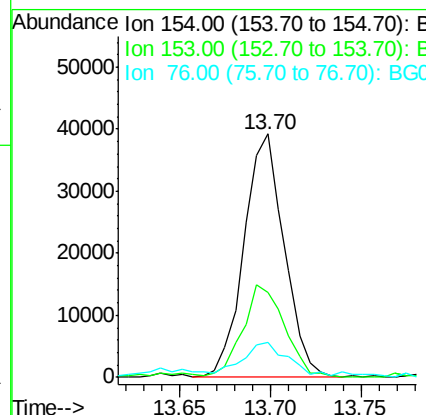
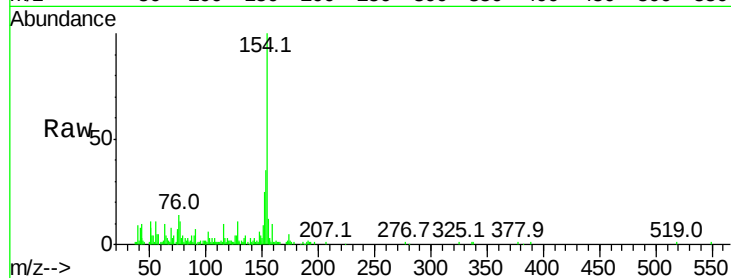
#40
1,1'-Biphenyl
Concen: 4.26 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampled :
DA828

Tot Ion	Ratio	Lower	Upper
154	100		
153	34.8	32.2	48.2
76	14.2	9.6	14.4

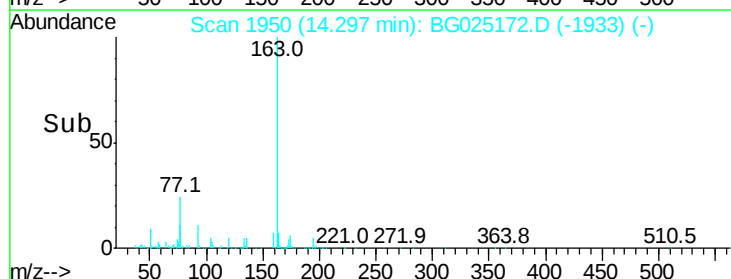
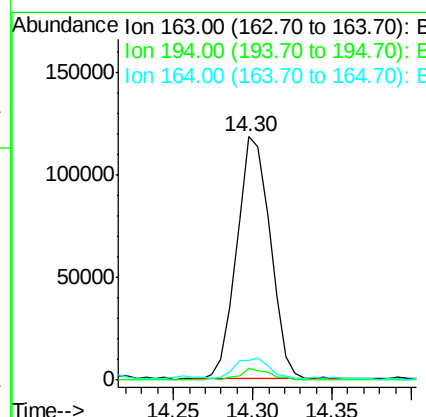
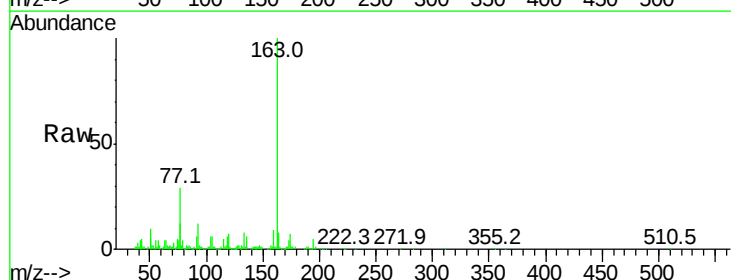
Manual Integrations
APPROVED

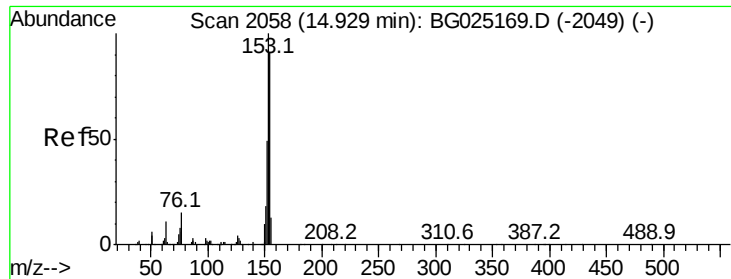
sohil
12/15/2016 5:43:57 PM



#44
Dimethylphthalate
Concen: 10.97 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	8.3	9.0	13.4





#49

Acenaphthene

Concen: 1.40 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025172.D

Acq: 14 Dec 2016 12:19

Instrument :

BNA_G

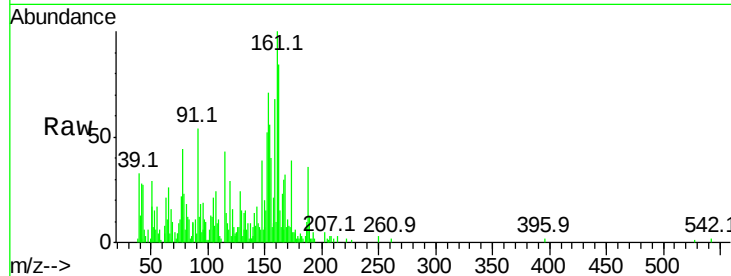
ClientSampleId :

DA828

Tot Ion	Ratio	Lower	Upper
153	100		
152	73.4	36.5	54.7#
154	79.7	72.3	108.5

Manual Integrations
APPROVED

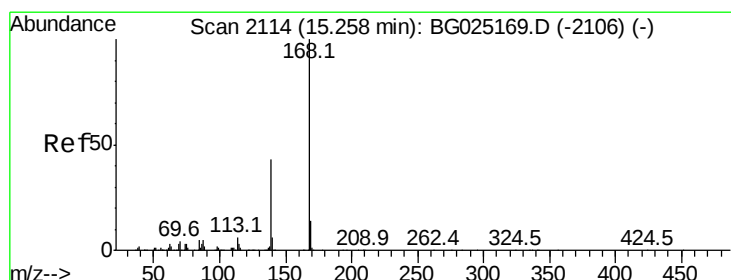
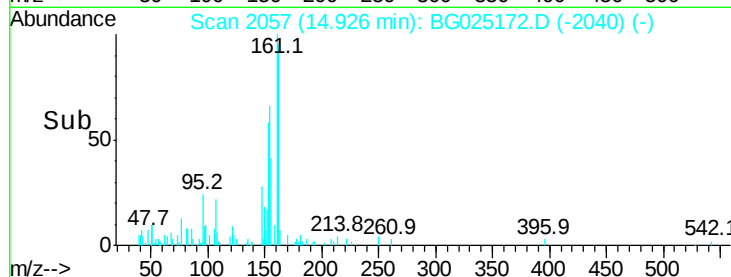
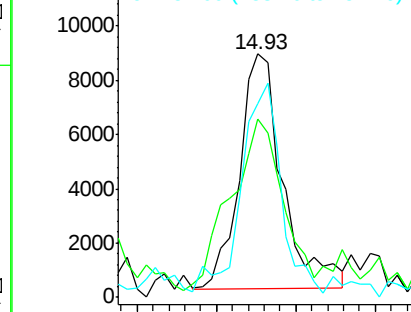
sohil
12/15/2016 5:43:57 PM



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

Dibenzofuran

Concen: 2.16 ng/ul

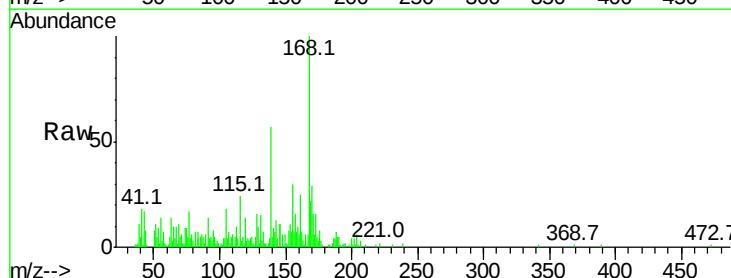
RT: 15.26 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG025172.D

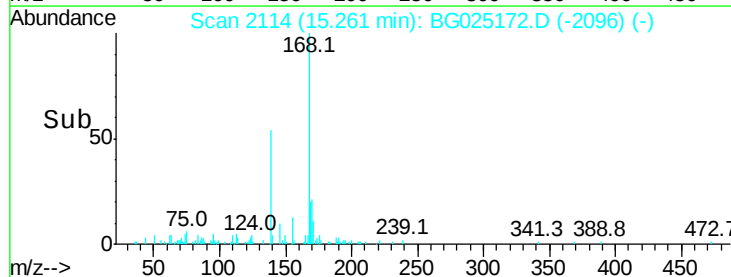
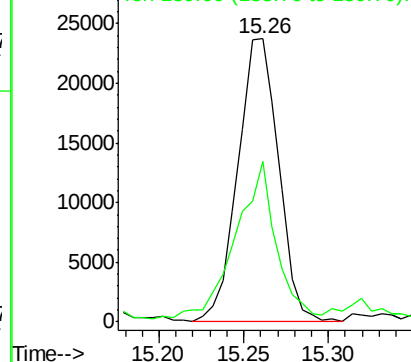
Acq: 14 Dec 2016 12:19

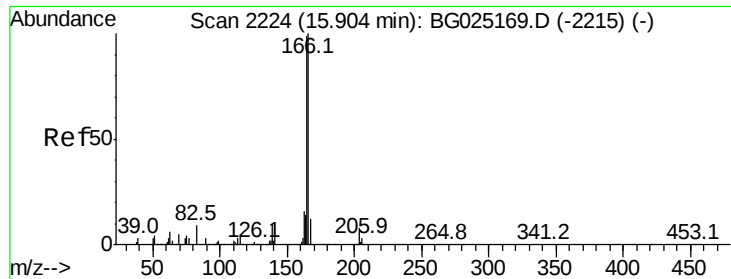
Tgt Ion	Ratio	Lower	Upper
168	100		
139	56.8	33.8	50.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





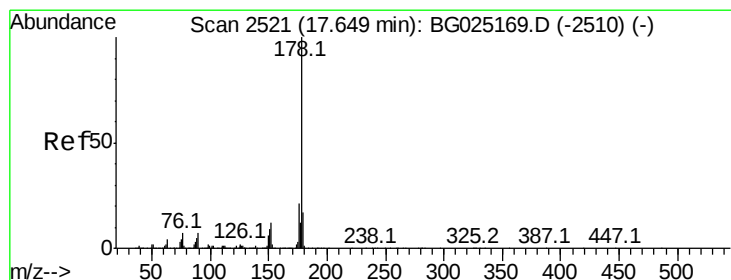
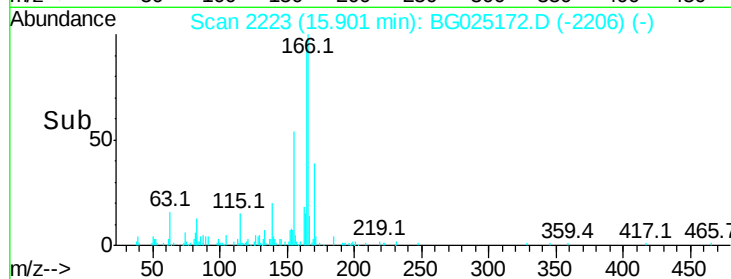
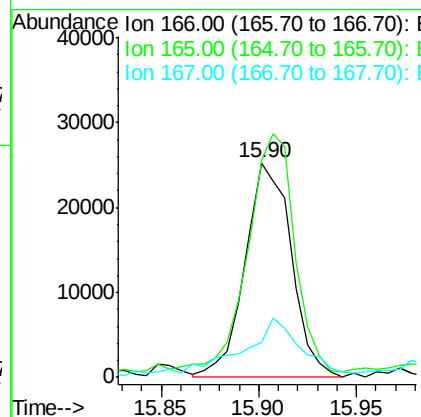
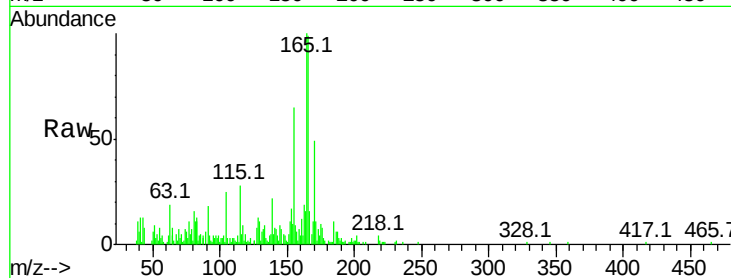
#58
Fluorene
 Concen: 2.76 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG025172.D
 Acq: 14 Dec 2016 12:19

Instrument :
 BNA_G
 ClientSampleId :
 DA828

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.7	119.5
167	16.3	11.4	17.2

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:43:57 PM



#69
Phenanthrene
 Concen: 1.16 ng/ul
 RT: 17.65 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG025172.D
 Acq: 14 Dec 2016 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.4	18.6
176	16.7	16.5	24.7

