

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025293.D
 Acq On : 18 Dec 2016 3:22
 Operator : UM/SJ
 Sample : H5938-12DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA832DL

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:55:18 AM

Quant Time: Dec 18 05:56:20 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	66198	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	267856	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	195566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	441118	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	574170	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	582197	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	1877	1.46	ng/uL	0.00
5) Phenol-d5	7.40	99	25504	4.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	19654	5.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	19678	4.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	23066	4.83	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	14265	7.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	12448	5.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	22322	4.91	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	77466	5.76	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	86688	5.88	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.85	176	85365	6.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.70	188	109549	5.88	ng/ul	0.00
76) Pyrene-d10	19.97	212	135647	5.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	137137	5.81	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.43	94	16174	2.76 ng/ul#	87
11) 2-Methylphenol	8.68	108	22222	5.15 ng/ul	90
16) 4-Methylphenol	9.02	108	96760	20.15 ng/ul	92
24) 2,4-Dimethylphenol	10.22	107	97031m	17.69 ng/ul	
28) Naphthalene	11.11	128	327700	26.32 ng/ul	98
34) 2-Methylnaphthalene	12.70	142	437740	44.55 ng/ul	96
40) 1,1'-Biphenyl	13.69	154	97048	8.19 ng/ul	97
44) Dimethylphthalate	14.29	163	64845	4.91 ng/ul#	95
49) Acenaphthene	14.92	153	22861	2.33 ng/ul#	85
53) Dibenzofuran	15.25	168	63792	4.11 ng/ul	88
58) Fluorene	15.90	166	67642	5.35 ng/ul#	96
69) Phenanthrene	17.64	178	37478	1.78 ng/ul#	91

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

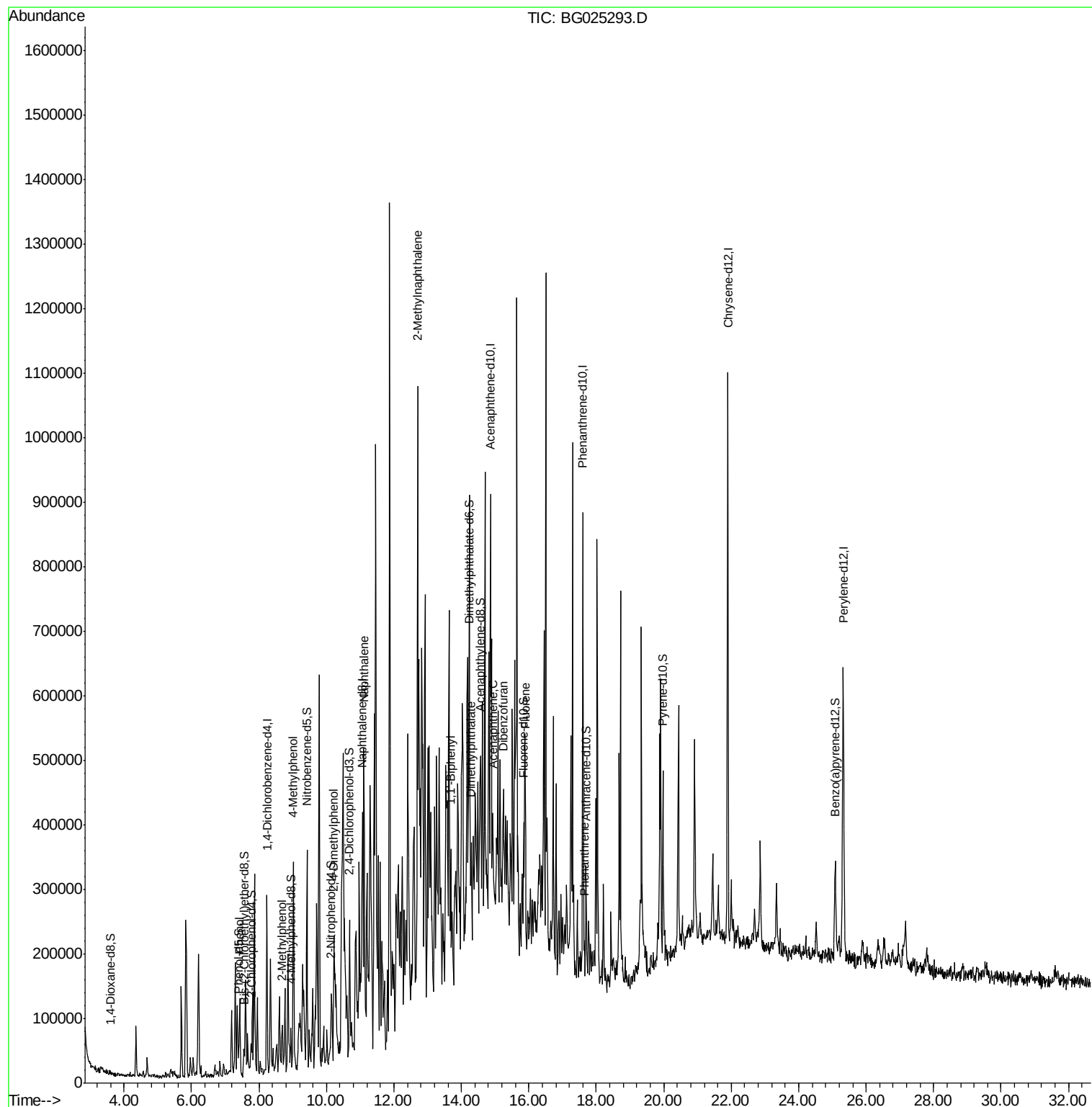
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

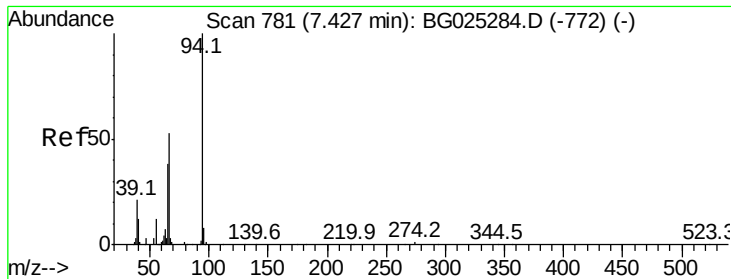
Instrument :
BNA_G
ClientSampleId :
DA832DL

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:18 AM

Quant Time: Dec 18 05:56:20 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





#6

Phenol

Concen: 2.76 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG025293.D

Acq: 18 Dec 2016 3:22

Instrument :

BNA_G

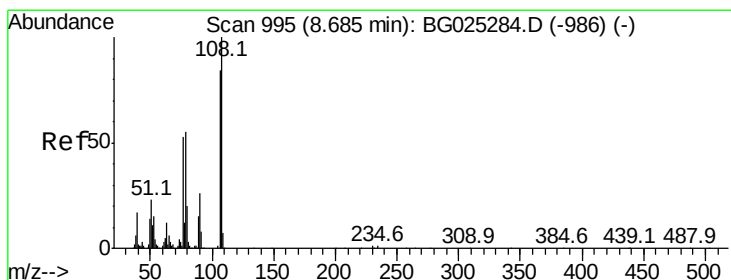
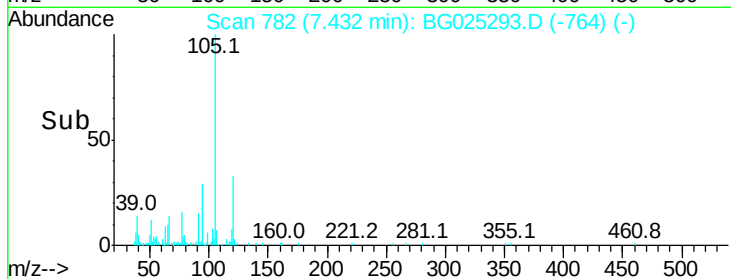
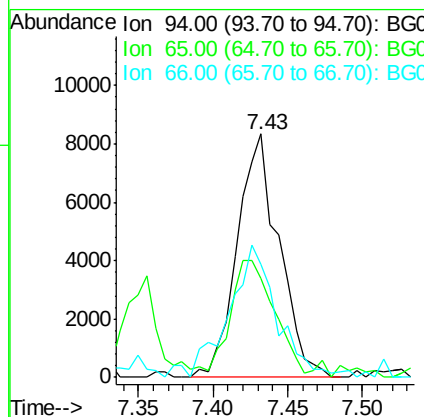
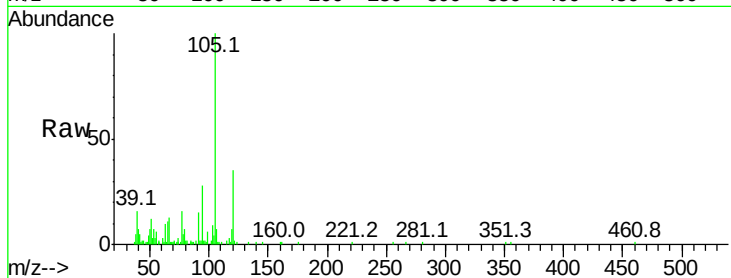
ClientSampled :

DA832DL

Tot Ion:	94	Resp:	16174
Ion Ratio	Lower	Upper	
94	100		
65	40.5	26.8	40.2#
66	46.3	44.4	66.6

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:18 AM



#11

2-Methylphenol

Concen: 5.15 ng/ul

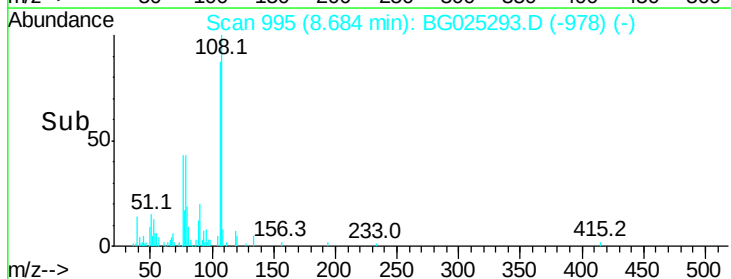
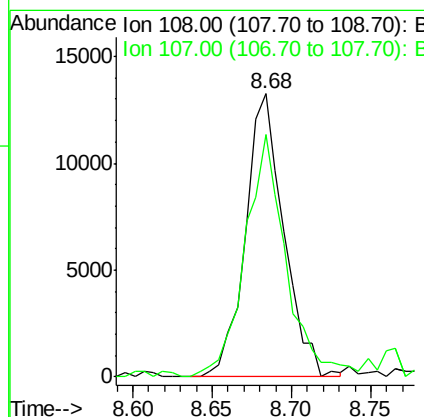
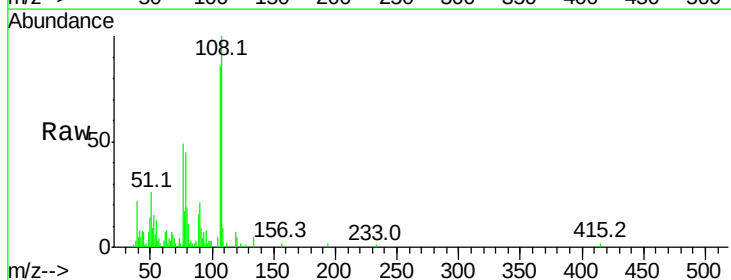
RT: 8.68 min Scan# 995

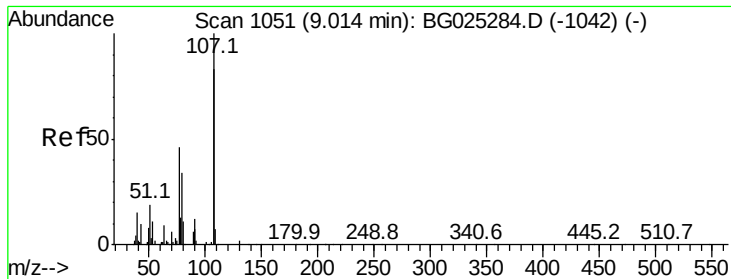
Delta R.T. -0.00 min

Lab File: BG025293.D

Acq: 18 Dec 2016 3:22

Tgt Ion:	108	Resp:	22222
Ion Ratio	Lower	Upper	
108	100		
107	85.8	76.7	115.1





#16

4-Methylphenol

Concen: 20.15 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BG025293.D

Acq: 18 Dec 2016 3:22

Instrument :

BNA_G

ClientSampleId :

DA832DL

Tot Ion:108 Resp: 96760

Ion Ratio Lower Upper

108 100

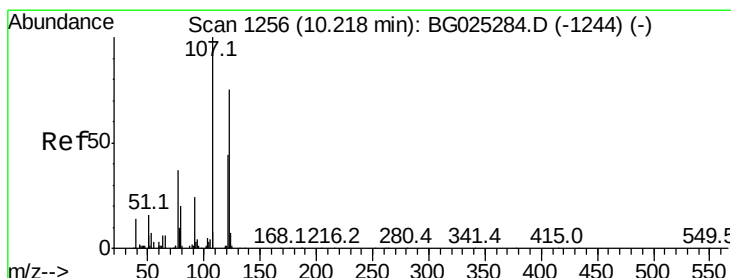
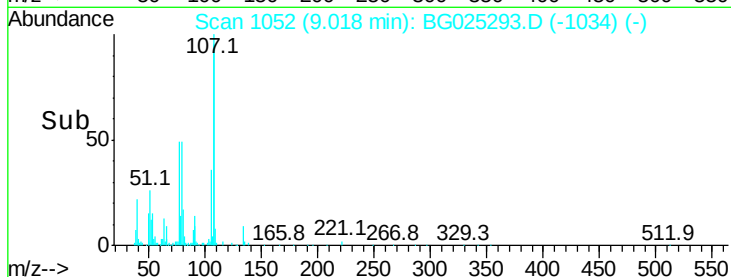
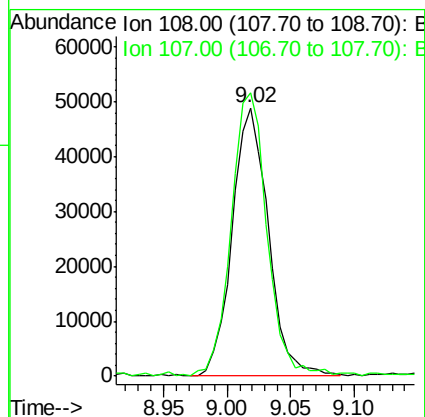
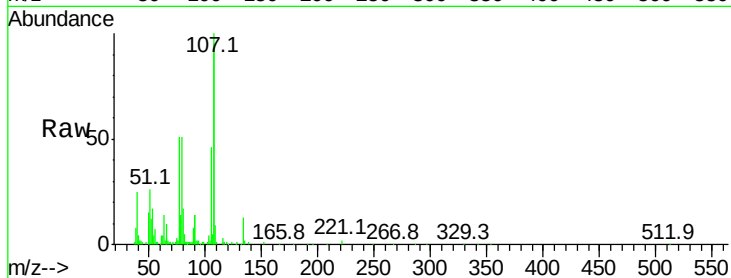
107 105.6 91.7 137.5

Manual Integrations

APPROVED

umangi

12/20/2016 10:55:18 AM



#24

2,4-Dimethylphenol

Concen: 17.69 ng/ul m

RT: 10.22 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG025293.D

Acq: 18 Dec 2016 3:22

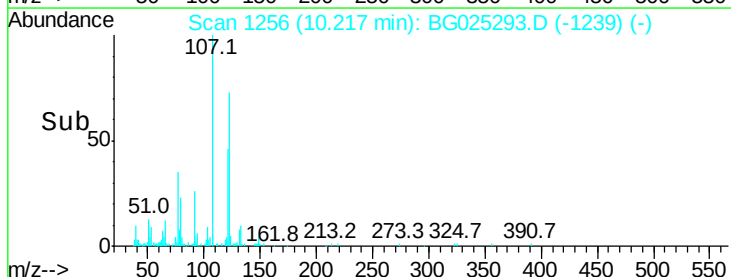
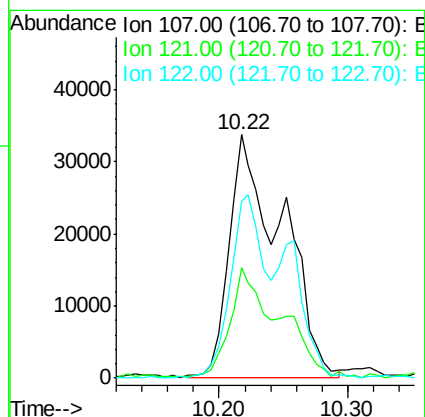
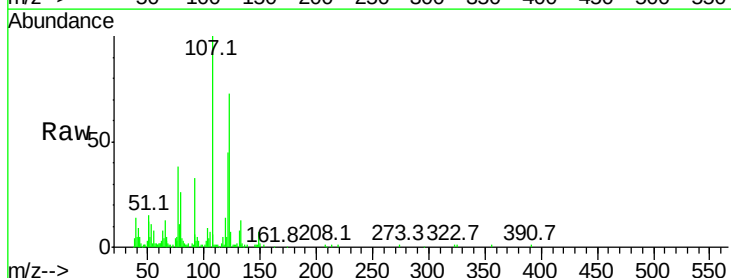
Tgt Ion:107 Resp: 97031

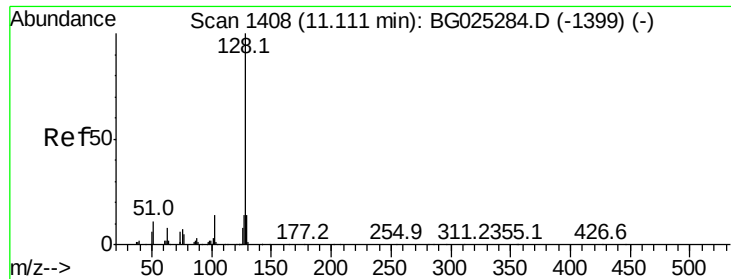
Ion Ratio Lower Upper

107 100

121 45.5 32.3 48.5

122 72.7 61.2 91.8





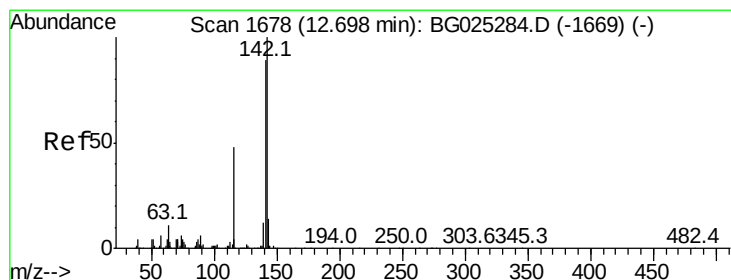
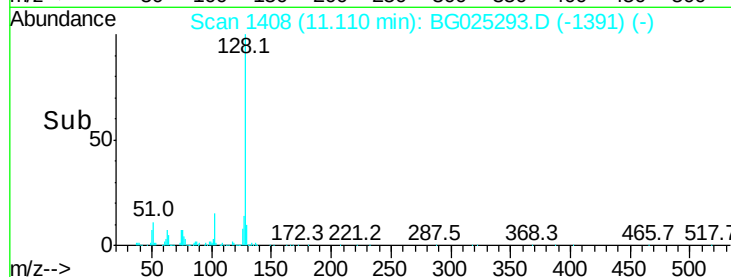
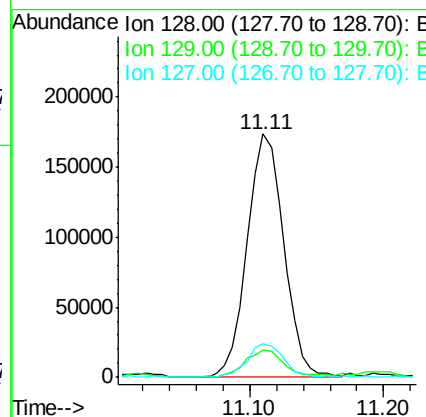
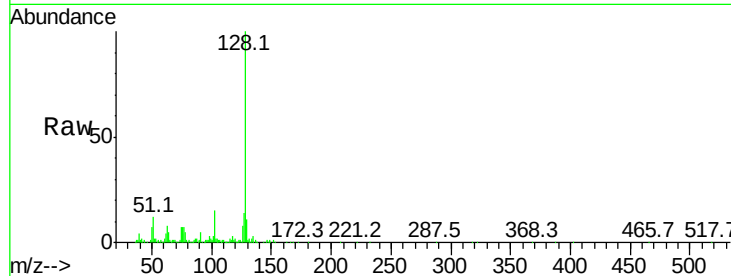
#28
Naphthalene
Concen: 26.32 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025293.D
Acq: 18 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
DA832DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.9	10.3	15.5

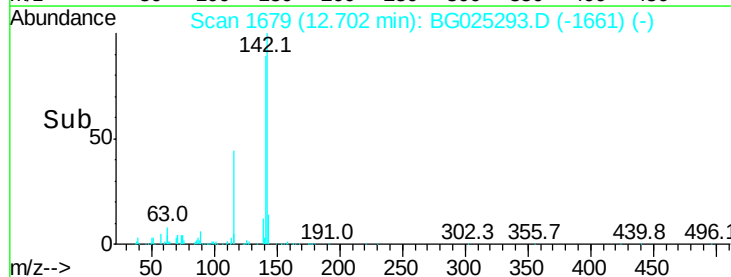
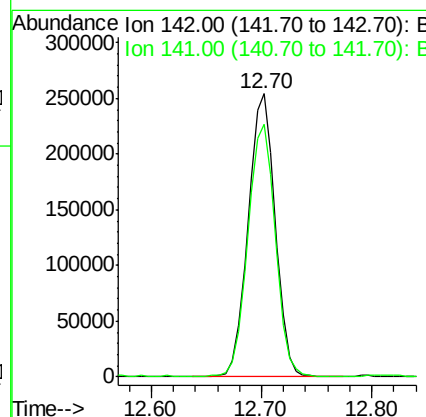
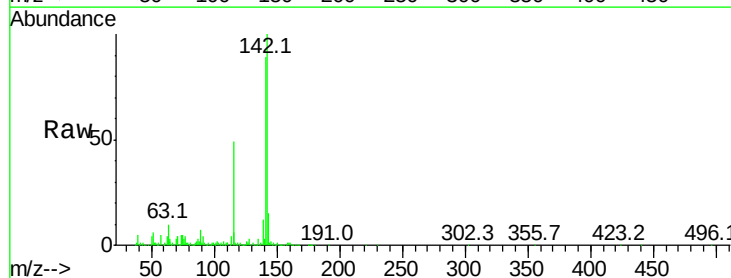
Manual Integrations
APPROVED

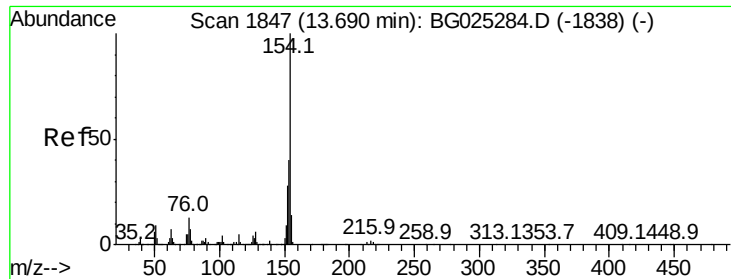
umangi
12/20/2016 10:55:18 AM



#34
2-Methylnaphthalene
Concen: 44.55 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025293.D
Acq: 18 Dec 2016 3:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	68.6	102.8





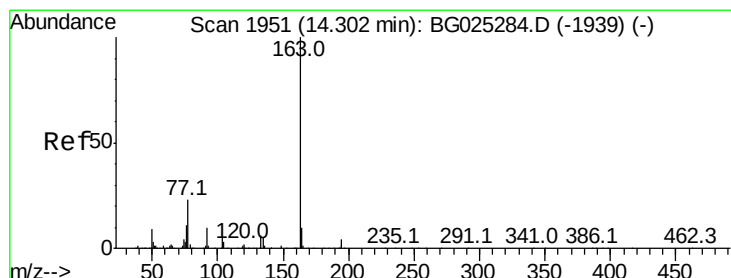
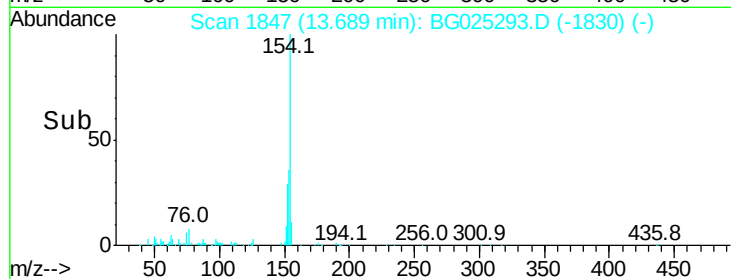
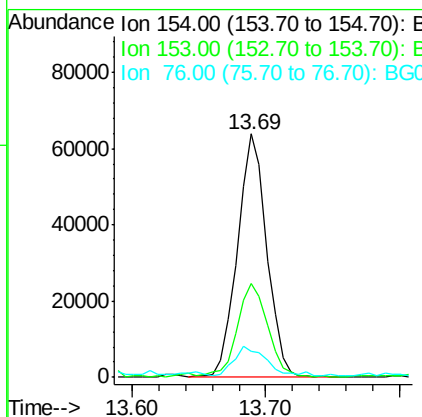
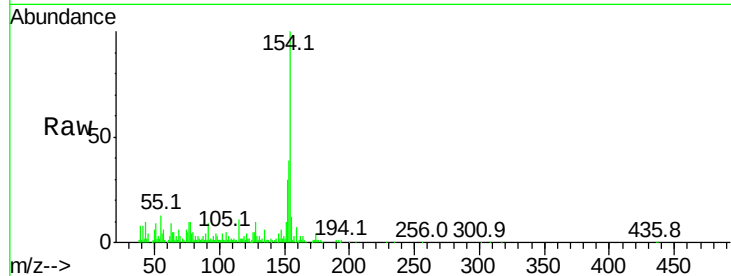
#40
1,1'-Biphenyl
Concen: 8.19 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025293.D
Acq: 18 Dec 2016 3:22

Instrument :
BNA_G
ClientSampleId :
DA832DL

Tot Ion	154	Resp	97048
Ion Ratio	Lower	Upper	
154	100		
153	38.5	32.2	48.2
76	10.5	9.6	14.4

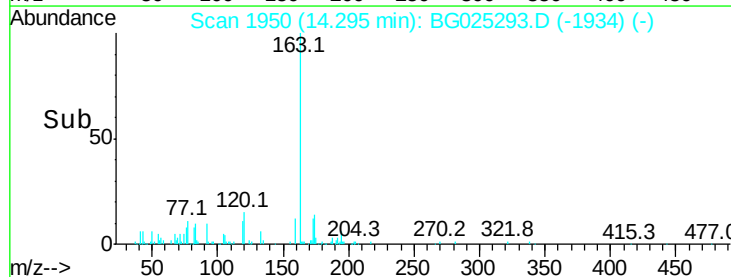
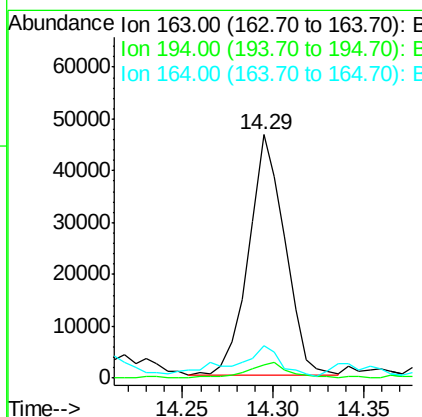
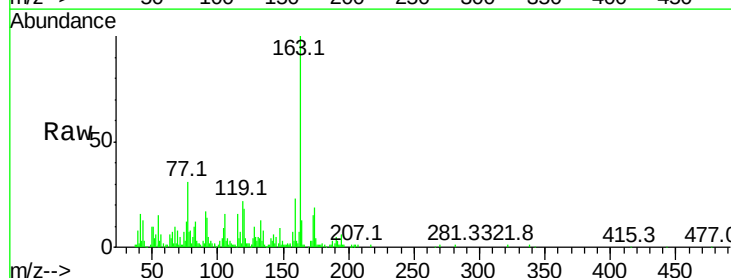
Manual Integrations
APPROVED

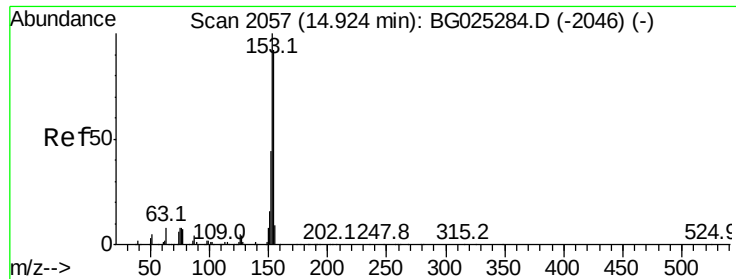
umangi
12/20/2016 10:55:18 AM



#44
Dimethylphthalate
Concen: 4.91 ng/ul
RT: 14.29 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG025293.D
Acq: 18 Dec 2016 3:22

Tgt Ion	163	Resp	64845
Ion Ratio	Lower	Upper	
163	100		
194	5.6	3.4	5.0#
164	13.2	9.0	13.4





#49

Acenaphthene

Concen: 2.33 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025293.D

Acq: 18 Dec 2016 3:22

Instrument :

BNA_G

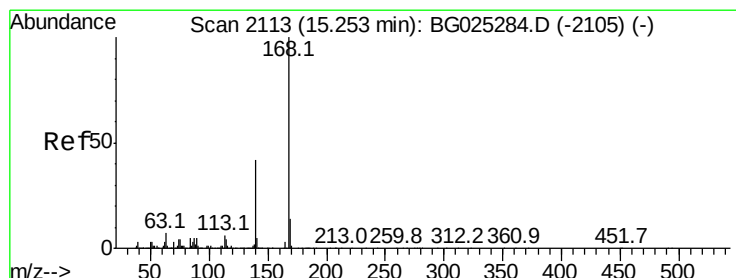
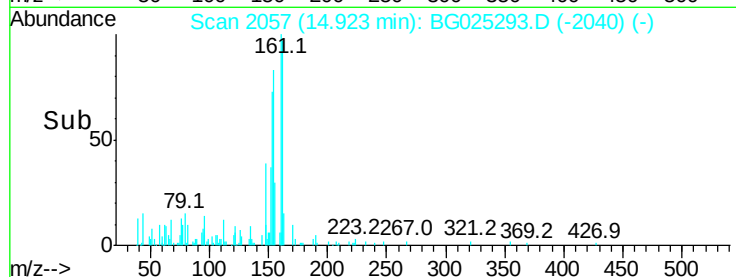
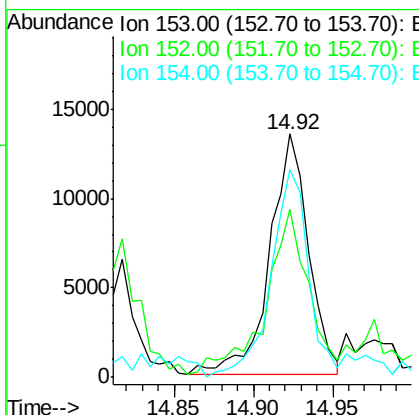
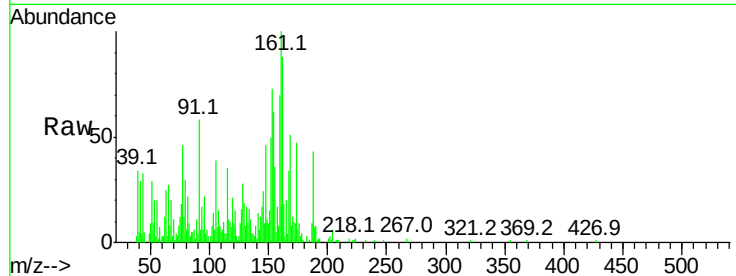
ClientSampleId :

DA832DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	68.9	36.5	54.7#
154	85.6	72.3	108.5

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:18 AM



#53

Dibenzofuran

Concen: 4.11 ng/ul

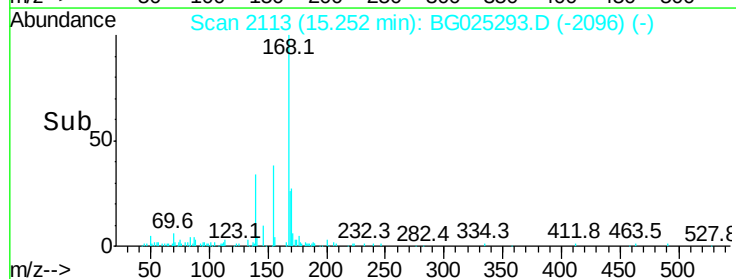
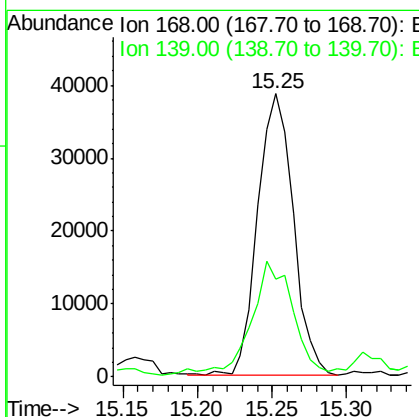
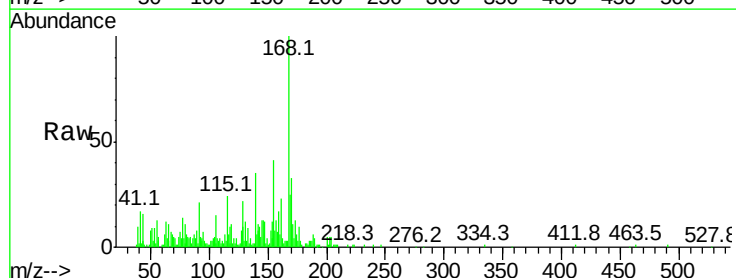
RT: 15.25 min Scan# 2113

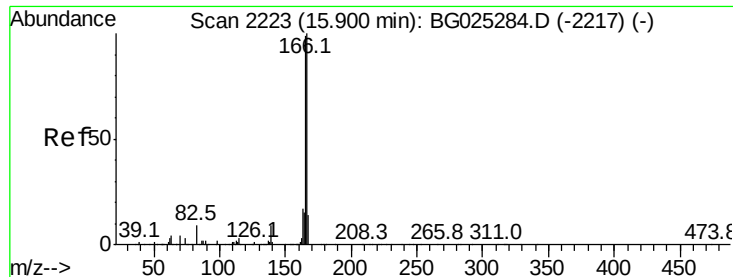
Delta R.T. -0.00 min

Lab File: BG025293.D

Acq: 18 Dec 2016 3:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	33.8	50.8





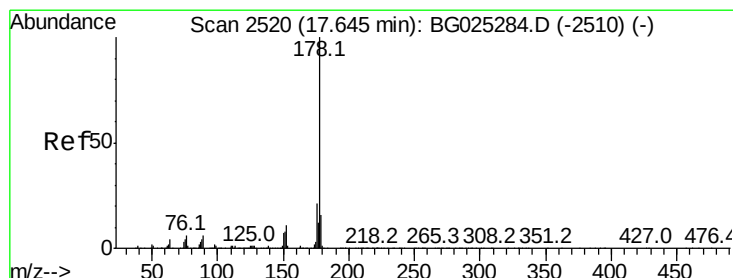
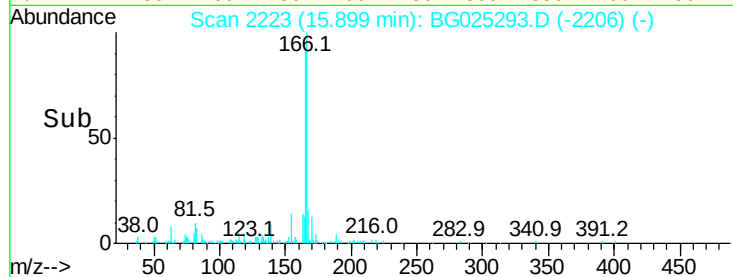
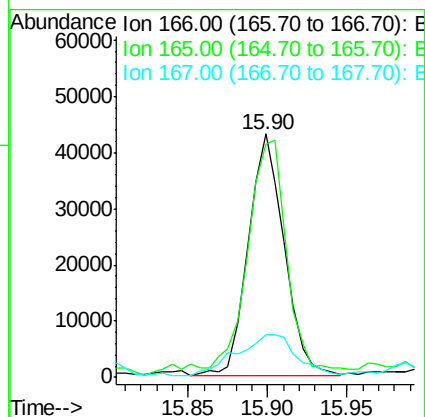
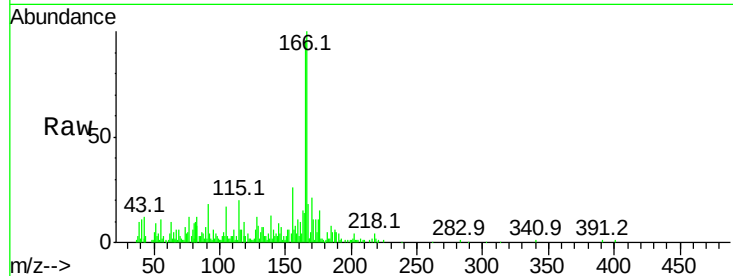
#58
 Fluorene
 Concen: 5.35 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG025293.D
 Acq: 18 Dec 2016 3:22

Instrument :
 BNA_G
 ClientSampleID :
 DA832DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.8	79.7	119.5
167	17.7	11.4	17.2#

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:55:18 AM



#69
 Phenanthrene
 Concen: 1.78 ng/ul
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG025293.D
 Acq: 18 Dec 2016 3:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.4	18.6#
176	17.6	16.5	24.7

