

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025062.D
 Acq On : 10 Dec 2016 9:03
 Operator : UM/SJ
 Sample : H5863-03DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA7Y2DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:34 PM

Quant Time: Dec 12 04:11:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	112541	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	504407	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	392917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	740410	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	927905	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	931036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6661	3.06	ng/uL	-0.02
5) Phenol-d5	7.40	99	31389	3.23	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	23215	3.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	19928	2.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	24592	3.03	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	14364	4.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	13213	2.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	28299	3.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	178942	21.26	ng/ul	0.02
43) Dimethylphthalate-d6	14.26	166	103317	3.82	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	120751	4.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	14605	3.14	ng/ul	0.03
57) Fluorene-d10	15.85	176	93802	3.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	17801	3.89	ng/ul	0.00
70) Anthracene-d10	17.71	188	125353	4.01	ng/ul	0.00
76) Pyrene-d10	19.98	212	137920	3.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	136986	3.63	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	225717	22.65	ng/ul	96
11) 2-Methylphenol	8.68	108	552513	75.30	ng/ul	97
14) Acetophenone	9.08	105	266483m	21.58	ng/ul	
16) 4-Methylphenol	9.02	108	997640	122.22	ng/ul	91
24) 2,4-Dimethylphenol	10.23	107	2120711m	205.30	ng/ul	
28) Naphthalene	11.13	128	1284963	54.80	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	2553717	138.01	ng/ul	92
40) 1,1'-Biophenyl	13.71	154	537661	22.57	ng/ul	98
49) Acenaphthene	14.93	153	148139	7.51	ng/ul#	79
53) Dibenzofuran	15.26	168	333099	10.68	ng/ul	99
58) Fluorene	15.91	166	334142	13.16	ng/ul#	95
69) Phenanthrene	17.65	178	138861	3.93	ng/ul#	92

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

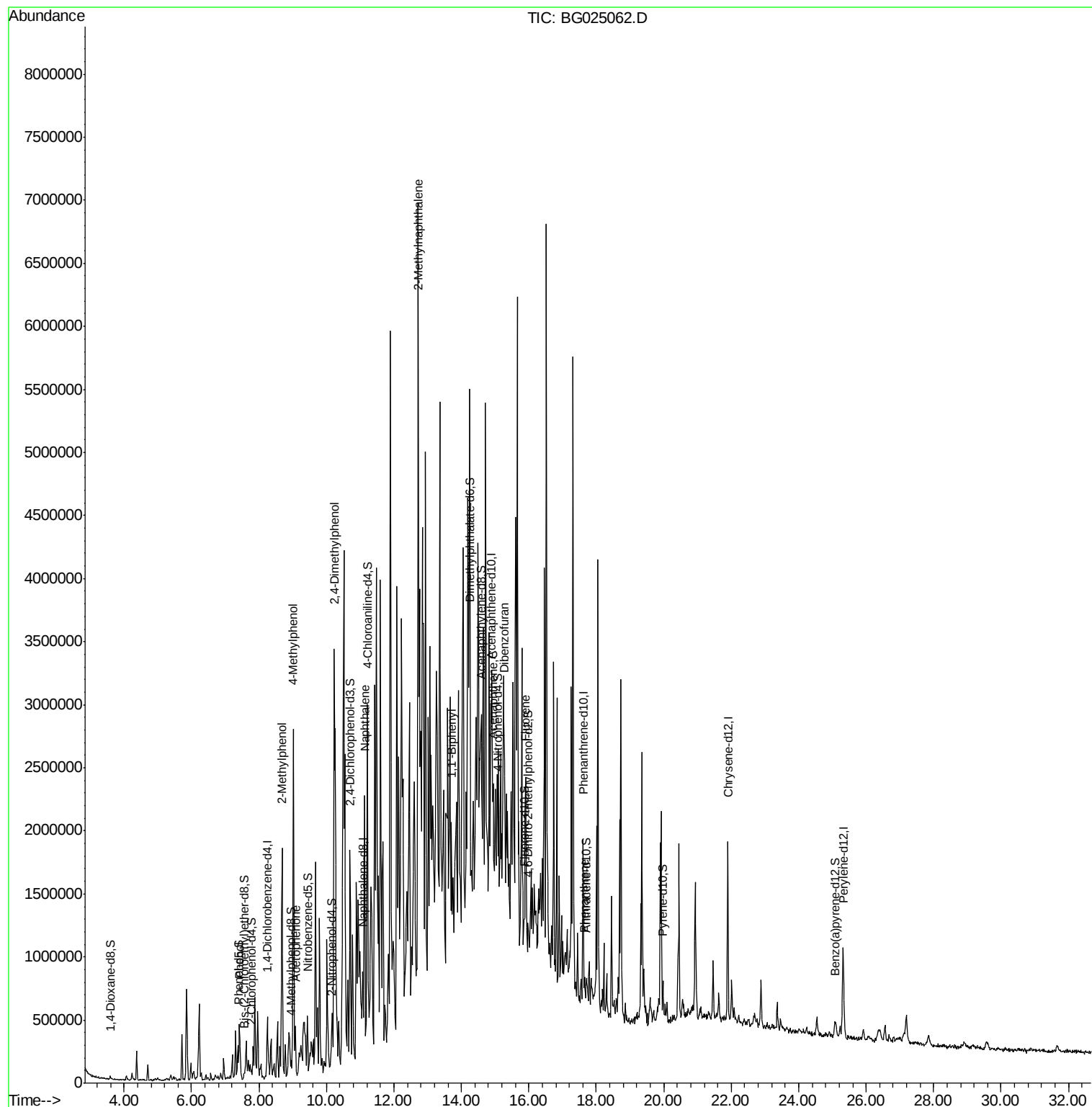
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

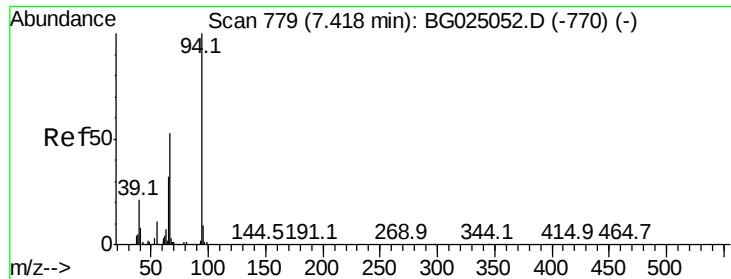
Instrument :
BNA_G
ClientSampleId :
DA7Y2DL

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Quant Time: Dec 12 04:11:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration





#6

Phenol

Concen: 22.65 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Instrument :

BNA_G

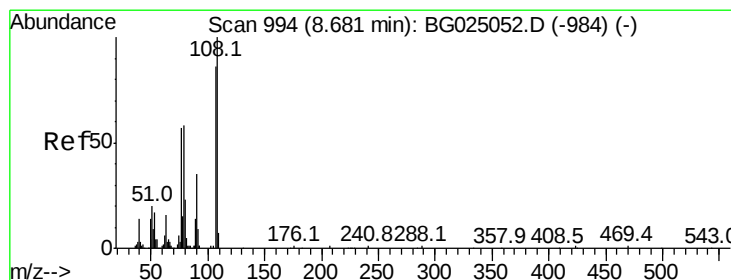
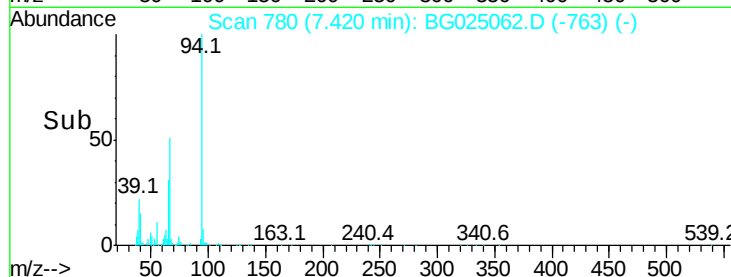
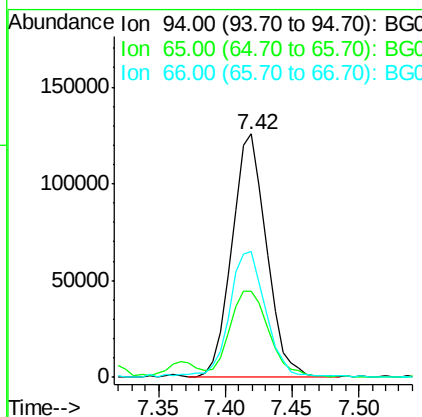
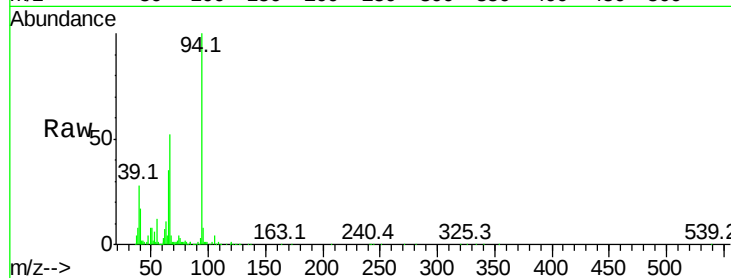
ClientSampleId :

DA7Y2DL

Tot Ion:	94	Resp:	225717
Ion Ratio	Lower	Upper	
94	100		
65	35.2	26.8	40.2
66	51.7	44.4	66.6

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#11

2-Methylphenol

Concen: 75.30 ng/ul

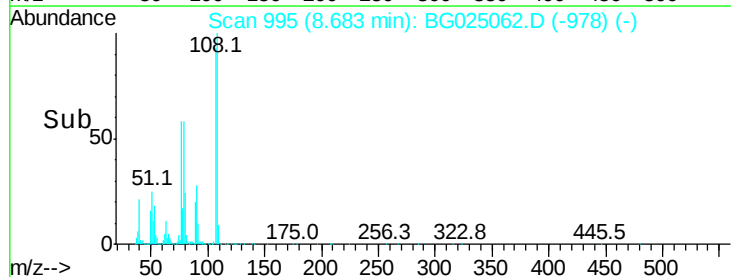
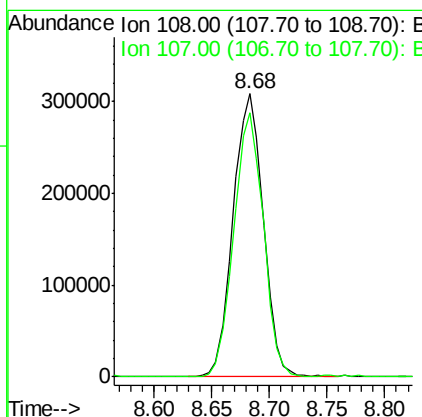
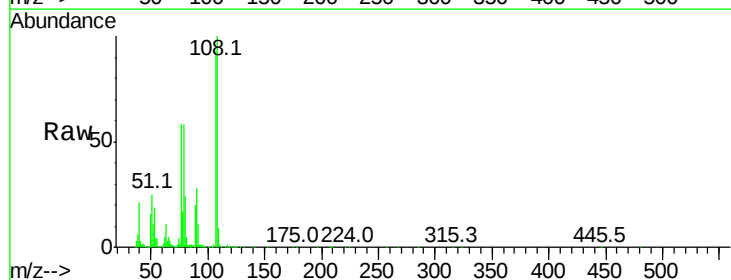
RT: 8.68 min Scan# 995

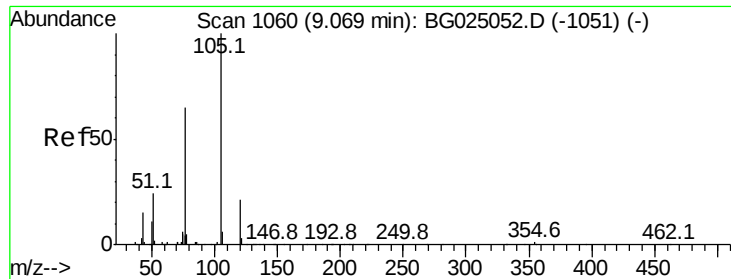
Delta R.T. 0.00 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Tgt Ion:	108	Resp:	552513
Ion Ratio	Lower	Upper	
108	100		
107	93.4	76.7	115.1





#14

Acetophenone

Concen: 21.58 ng/ul m

RT: 9.08 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Instrument :

BNA_G

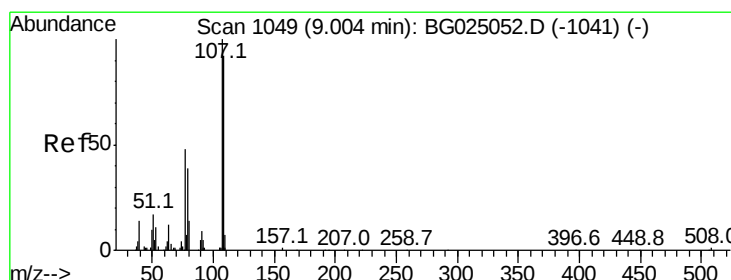
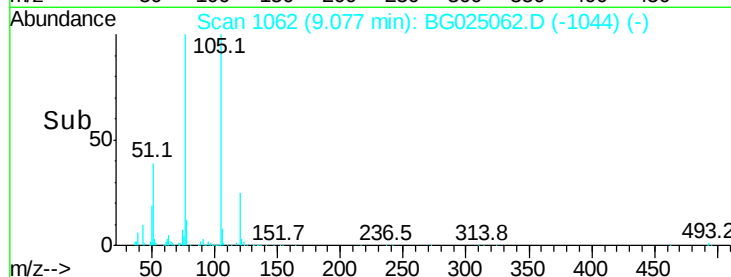
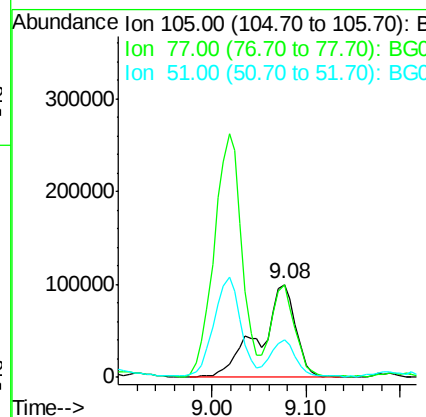
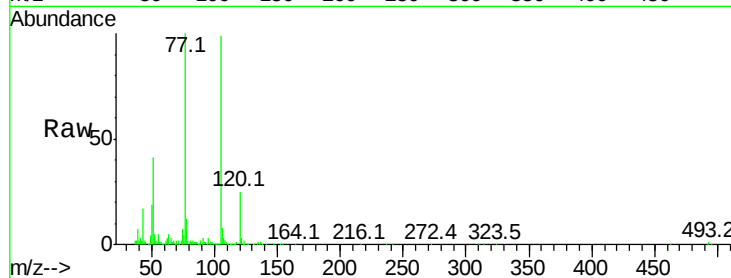
ClientSampleId :

DA7Y2DL

Tot Ion	Ratio	Lower	Upper
105	100		
77	100.6	76.0	114.0
51	41.0	34.8	52.2

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#16

4-Methylphenol

Concen: 122.22 ng/ul

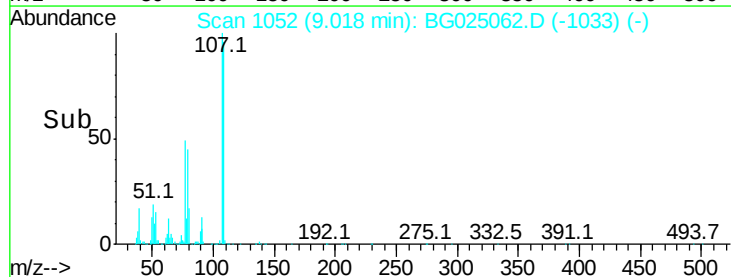
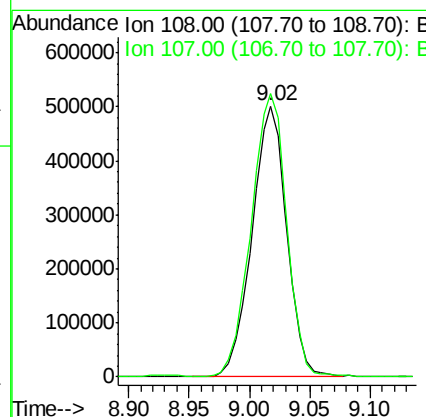
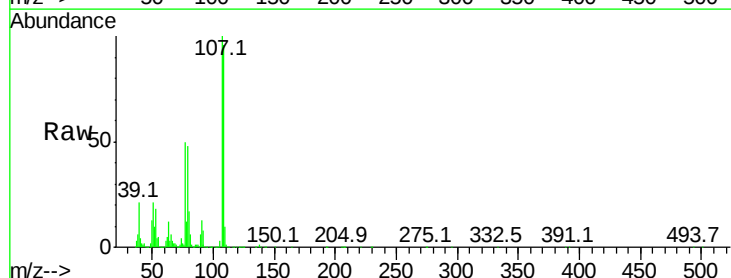
RT: 9.02 min Scan# 1052

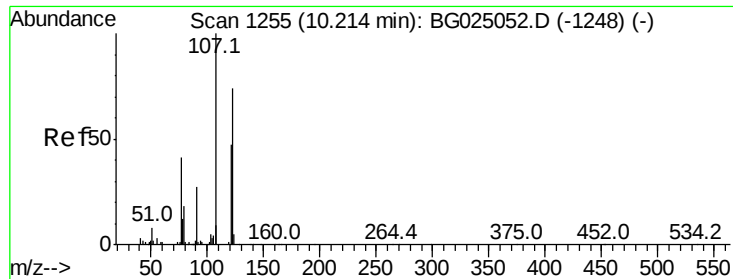
Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Tgt Ion	Ratio	Lower	Upper
108	100		
107	104.6	91.7	137.5





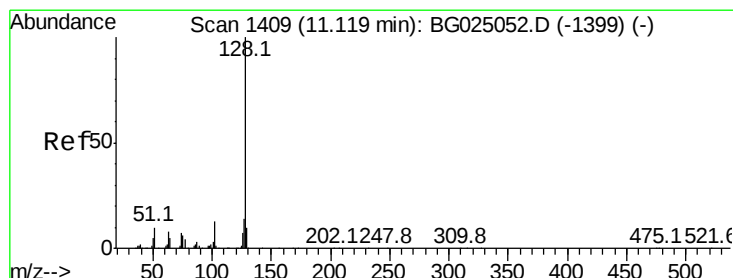
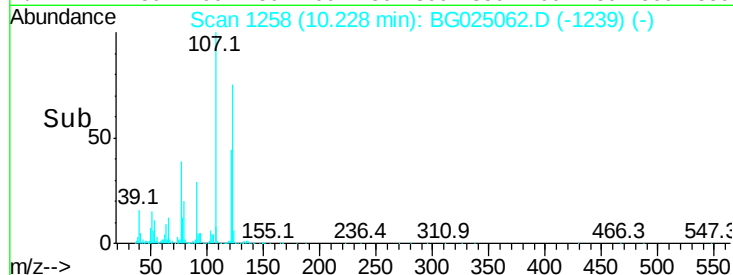
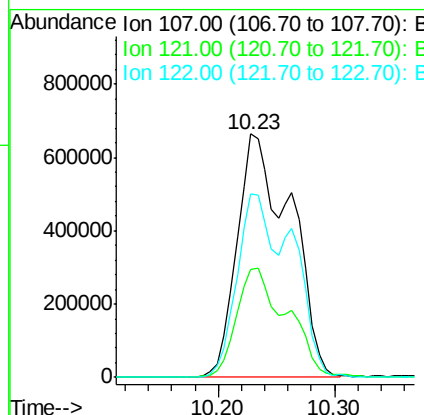
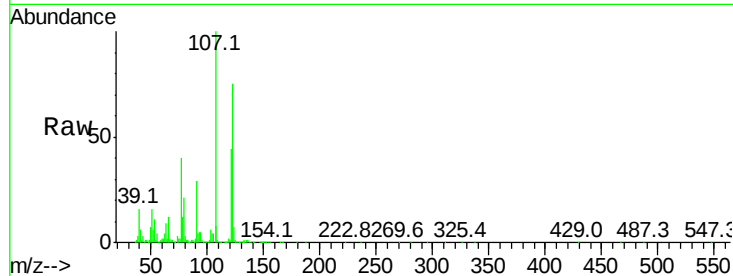
#24
2,4-Dimethylphenol
Concen: 205.30 ng/ul m
RT: 10.23 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BG025062.D
Acq: 10 Dec 2016 9:03

Instrument :
BNA_G
ClientSampleId :
DA7Y2DL

Tot Ion	Ratio	Lower	Upper
107	100		
121	44.1	32.3	48.5
122	75.3	61.2	91.8

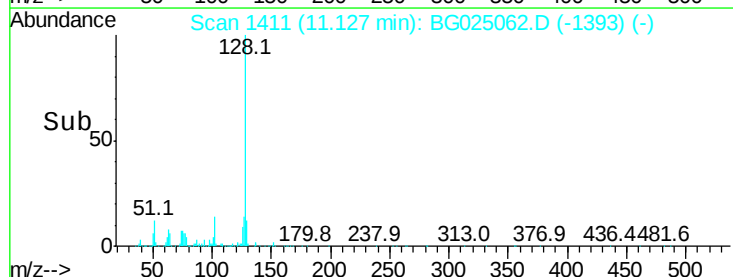
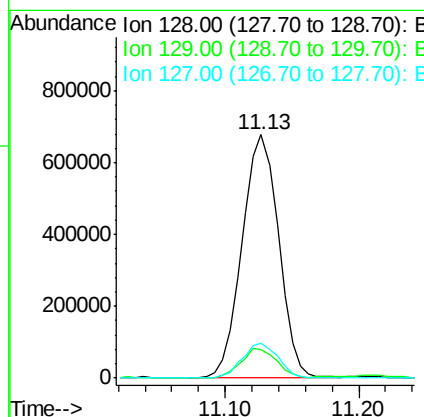
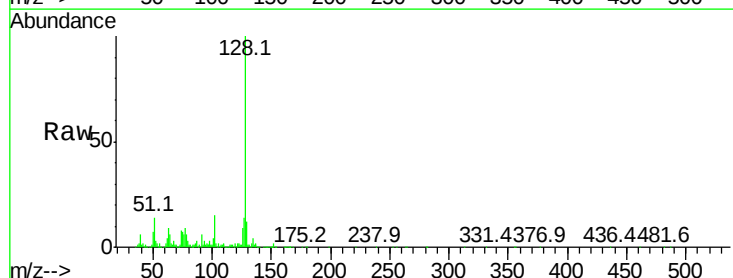
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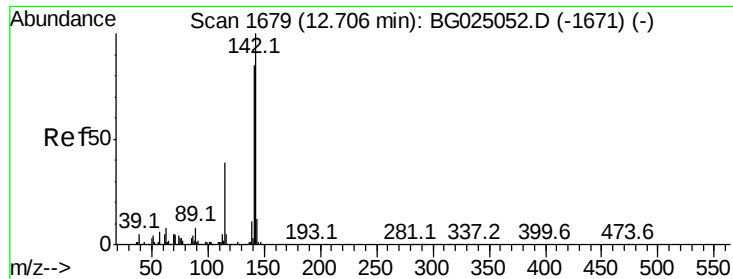
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#28
Naphthalene
Concen: 54.80 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BG025062.D
Acq: 10 Dec 2016 9:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.5	10.3	15.5





#34

2-Methylnaphthalene

Concen: 138.01 ng/ul

RT: 12.72 min Scan# 1682

Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Instrument :

BNA_G

ClientSampleId :

DA7Y2DL

Tot Ion:142 Resp: 2553717

Ion Ratio Lower Upper

142 100

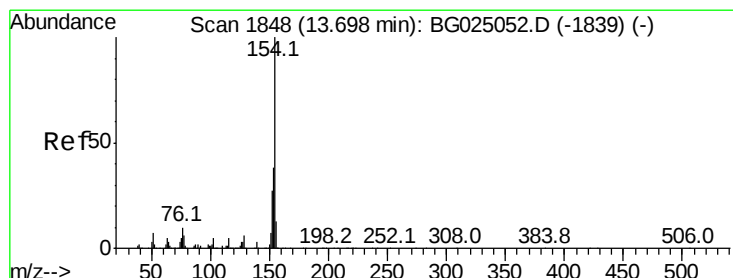
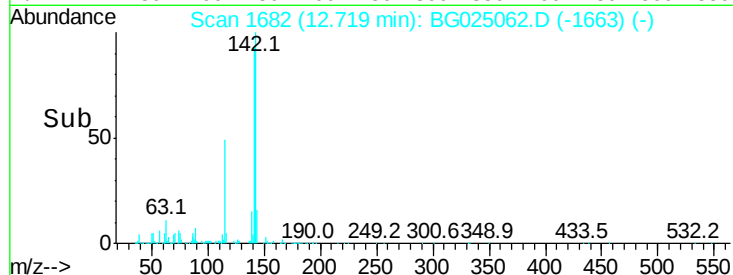
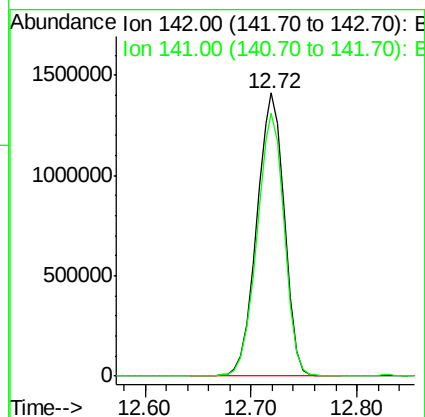
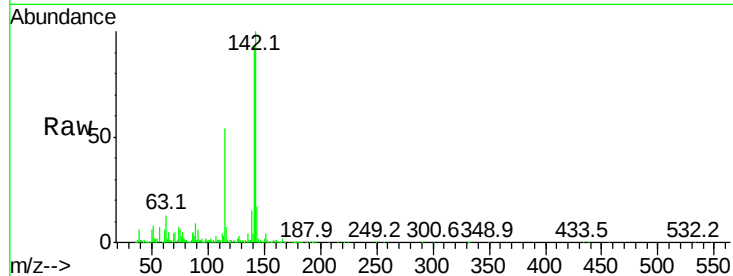
141 92.9 68.6 102.8

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#40

1,1'-Biphenyl

Concen: 22.57 ng/ul

RT: 13.71 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

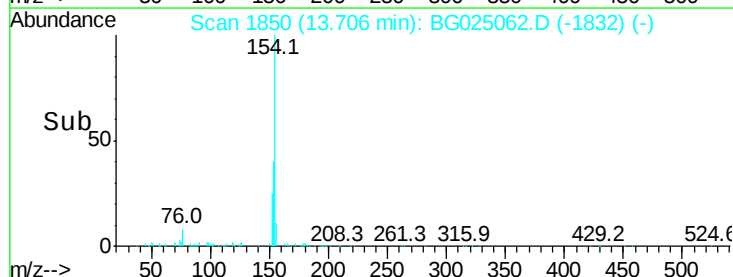
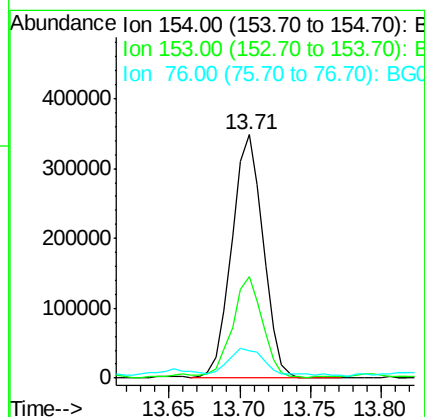
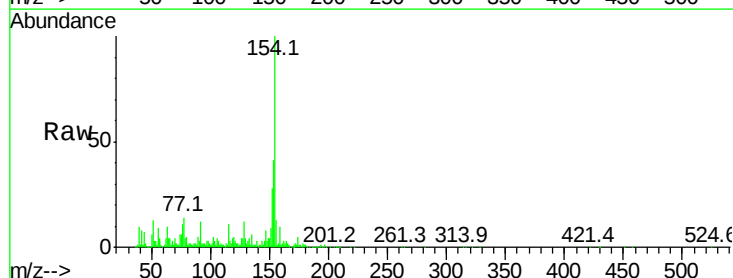
Tgt Ion:154 Resp: 537661

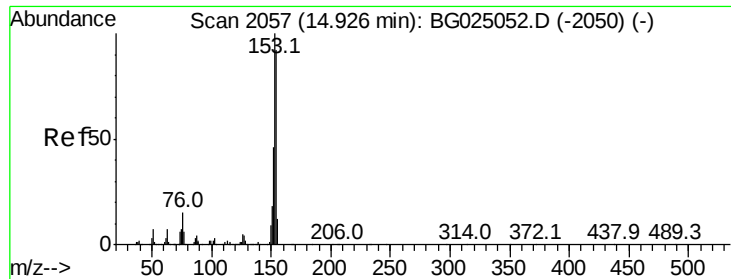
Ion Ratio Lower Upper

154 100

153 41.5 32.2 48.2

76 11.4 9.6 14.4





#49

Acenaphthene

Concen: 7.51 ng/ul

RT: 14.93 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Instrument :

BNA_G

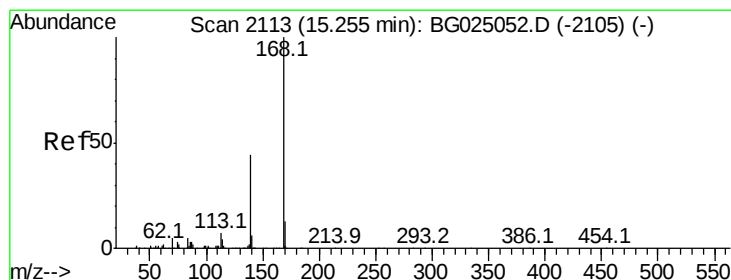
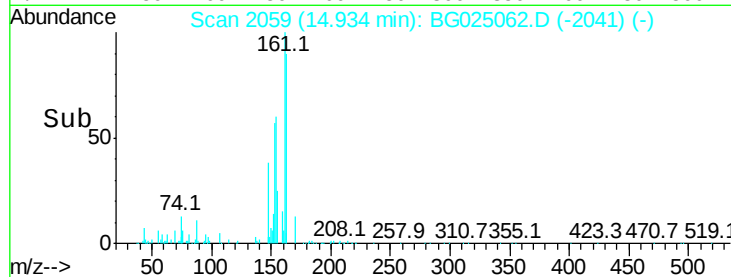
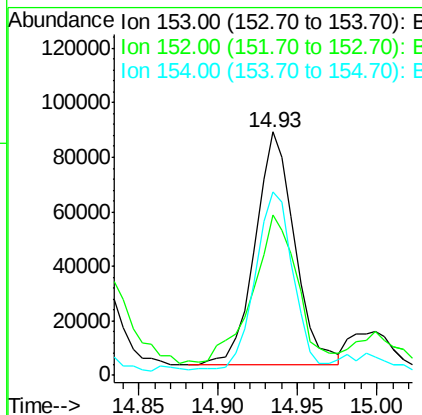
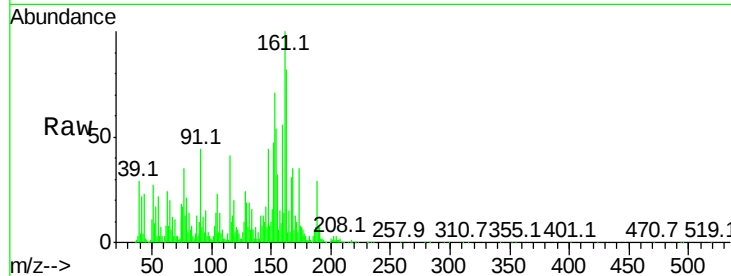
ClientSampleID :

DA7Y2DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	65.9	36.5	54.7#
154	75.6	72.3	108.5

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#53

Dibenzofuran

Concen: 10.68 ng/ul

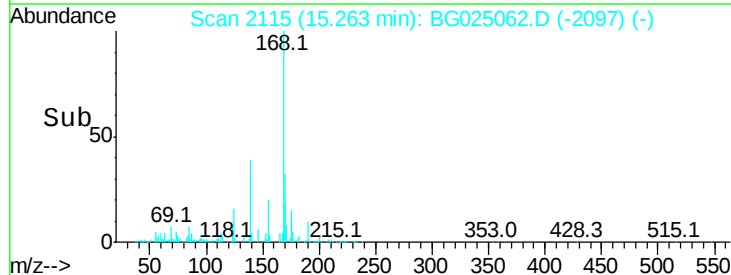
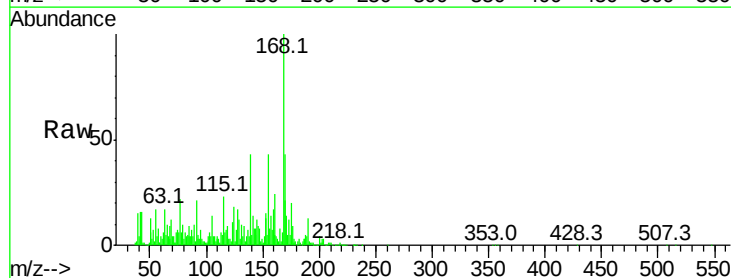
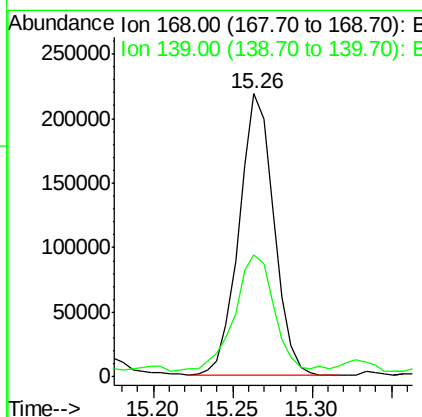
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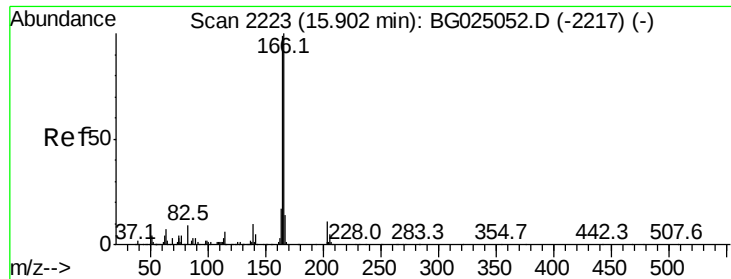
Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	33.8	50.8





#58

Fluorene

Concen: 13.16 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Instrument :

BNA_G

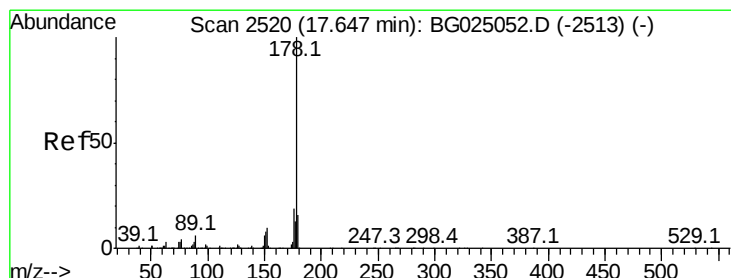
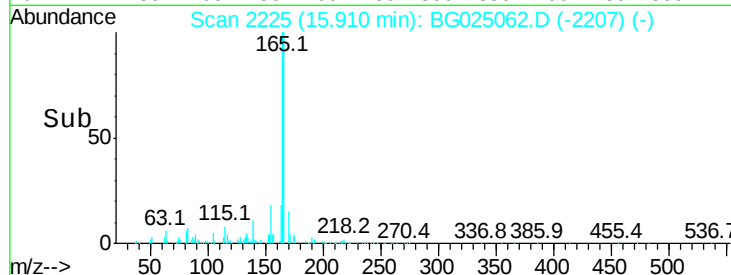
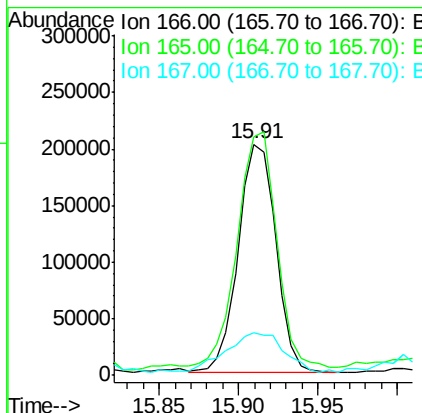
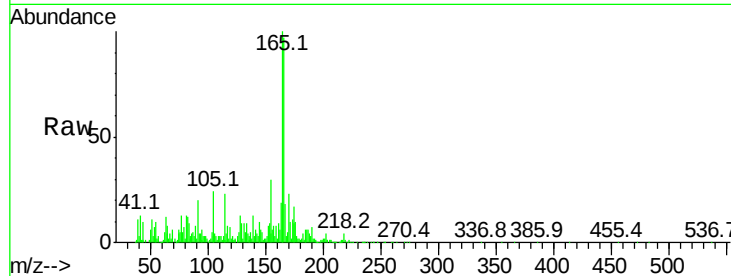
ClientSampleID :

DA7Y2DL

Tot Ion:	166	Resp:	334142
Ion Ratio	Lower	Upper	
166	100		
165	103.5	79.7	119.5
167	18.7	11.4	17.2#

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#69

Phenanthrene

Concen: 3.93 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BG025062.D

Acq: 10 Dec 2016 9:03

Tgt Ion:	178	Resp:	138861
Ion Ratio	Lower	Upper	
178	100		
179	20.0	12.4	18.6#
176	23.3	16.5	24.7

