

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025096.D
 Acq On : 11 Dec 2016 9:39
 Operator : UM/SJ
 Sample : H5905-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA817

Manual Integrations
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Sohil
 12/12/2016 4:30:04 PM

Quant Time: Dec 12 17:06:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 06:35:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	107598	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	504811	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	363695	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	745536	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	954730	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	989247	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	11441	5.49	ng/uL	0.00
5) Phenol-d5	7.39	99	166545	17.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	117412	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	124973	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	148930	19.20	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	74765	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	77799	17.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	167797	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	487290	57.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	491874	19.66	ng/ul	0.01
46) Acenaphthylene-d8	14.56	160	590539	21.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	100296	23.33	ng/ul	0.02
57) Fluorene-d10	15.85	176	572982	24.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	102919	22.33	ng/ul	0.00
70) Anthracene-d10	17.70	188	691519	21.98	ng/ul	0.00
76) Pyrene-d10	19.97	212	821262	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	872231	21.76	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.41	94	83507	8.76	ng/ul	92
11) 2-Methylphenol	8.67	108	223374	31.84	ng/ul	99
16) 4-Methylphenol	9.01	108	656820	84.16	ng/ul	90
24) 2,4-Dimethylphenol	10.22	107	694323m	67.16	ng/ul	
28) Naphthalene	11.12	128	1657048	70.61	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	2752362	148.63	ng/ul	93
40) 1,1'-Biphenyl	13.70	154	641905	29.11	ng/ul	100
44) Dimethylphthalate	14.30	163	234575	9.54	ng/ul	97
49) Acenaphthene	14.93	153	165809	9.09	ng/ul#	84
53) Dibenzofuran	15.26	168	406613	14.09	ng/ul	95
58) Fluorene	15.90	166	439229	18.69	ng/ul#	97
69) Phenanthrene	17.64	178	188723	5.30	ng/ul	98

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

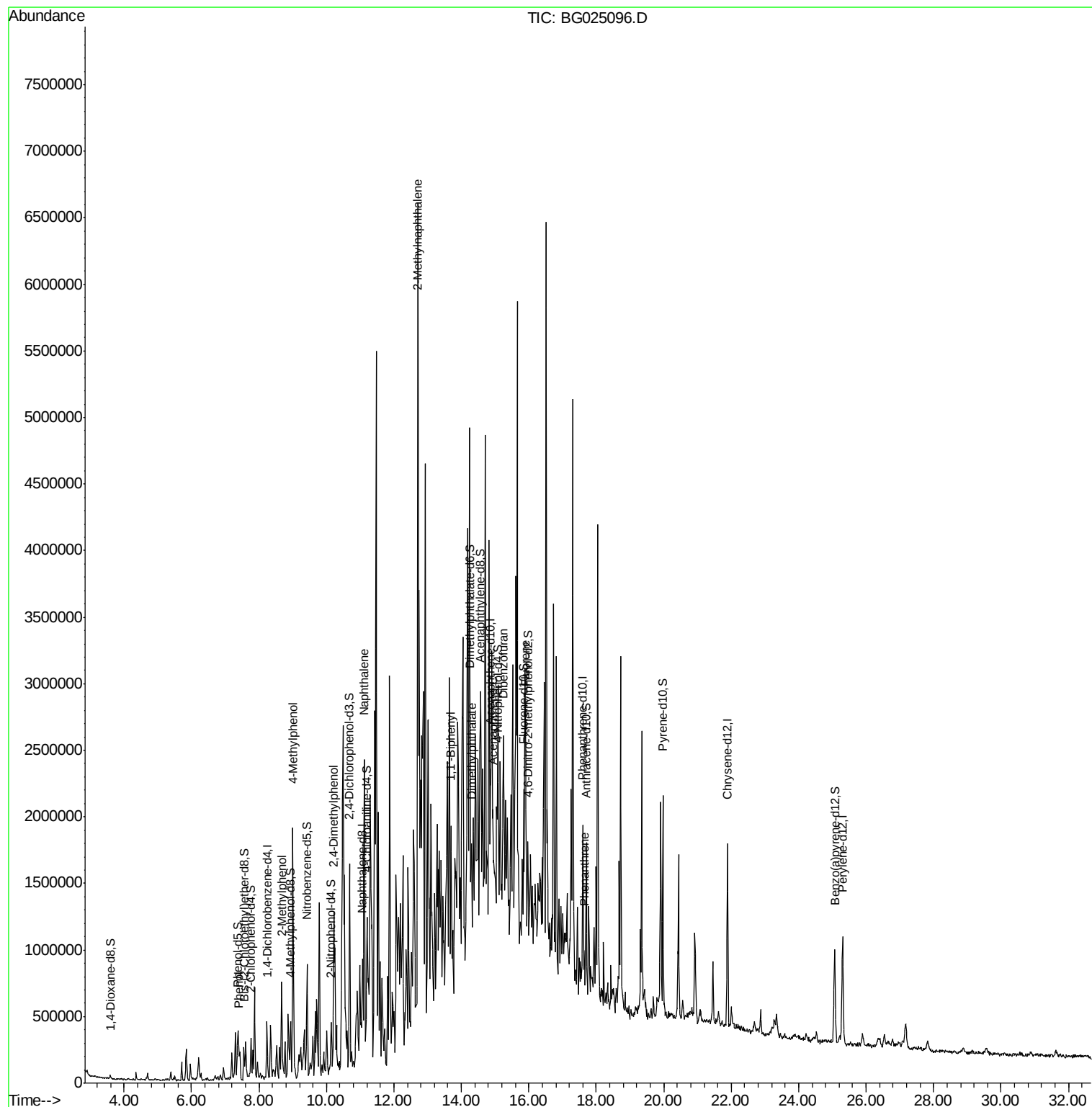
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025096.D
Acq On : 11 Dec 2016 9:39
Operator : UM/SJ
Sample : H5905-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

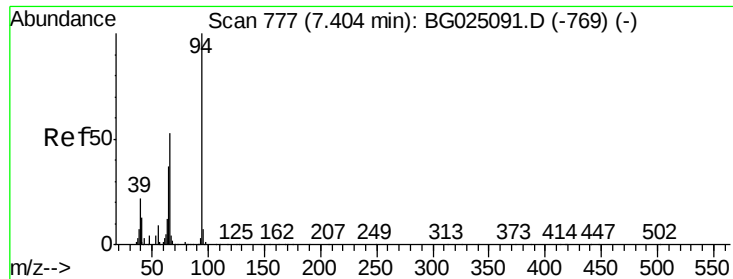
Instrument :
BNA_G
ClientSampleId :
DA817

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Quant Time: Dec 12 17:06:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration





#6

Phenol

Concen: 8.76 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG025096.D

Acq: 11 Dec 2016 9:39

Instrument :

BNA_G

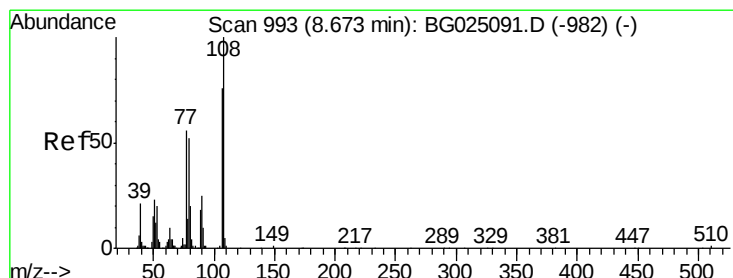
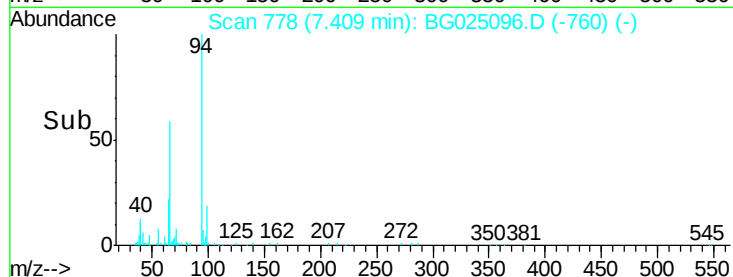
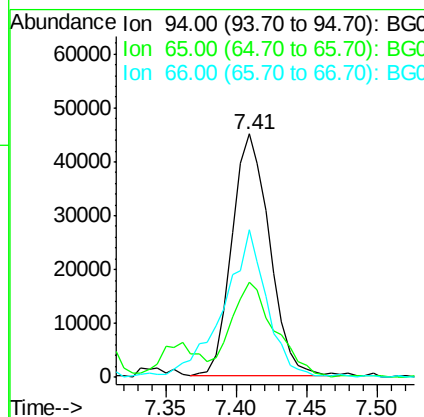
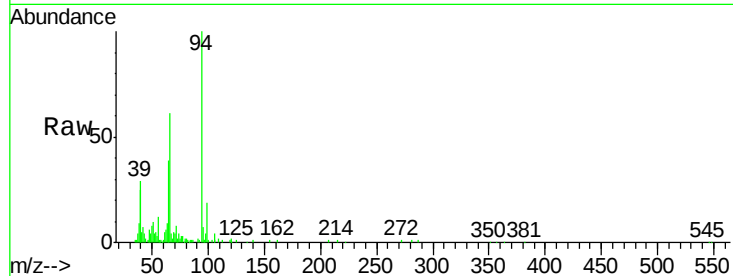
ClientSampleId :

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Tgt Ion:	94	Resp:	83507
Ion Ratio	Lower	Upper	
94	100		
65	39.2	26.8	40.2
66	60.6	44.4	66.6

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#11

2-Methylphenol

Concen: 31.84 ng/ul

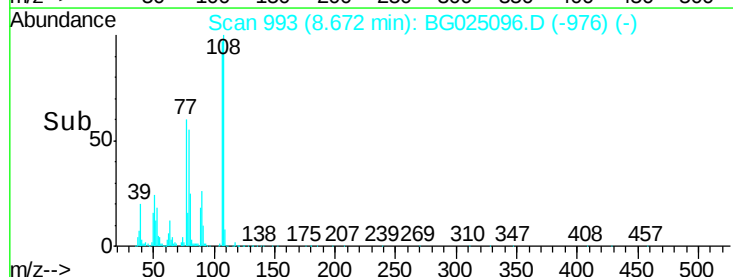
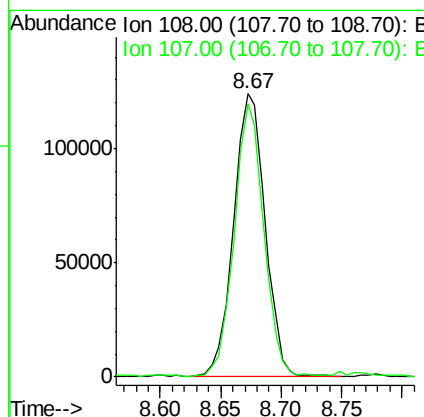
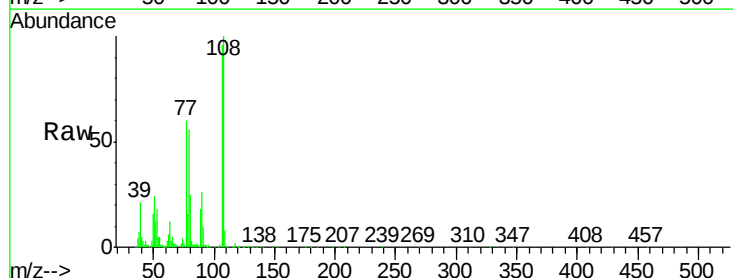
RT: 8.67 min Scan# 993

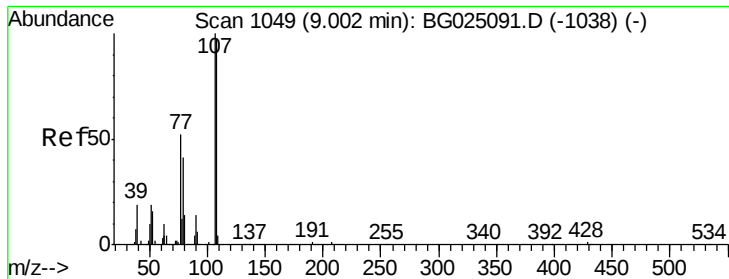
Delta R.T. -0.00 min

Lab File: BG025096.D

Acq: 11 Dec 2016 9:39

Tgt Ion:	108	Resp:	223374
Ion Ratio	Lower	Upper	
108	100		
107	96.4	76.7	115.1





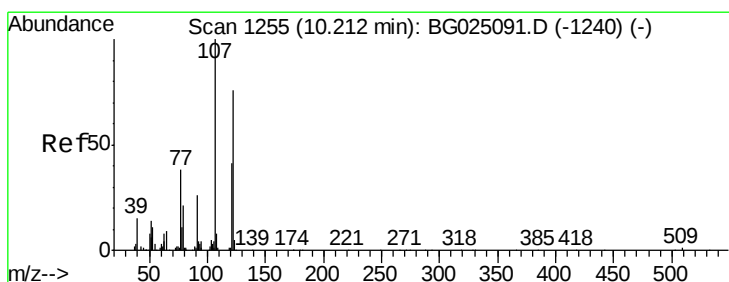
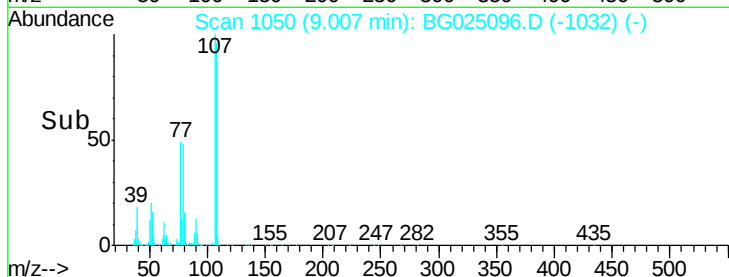
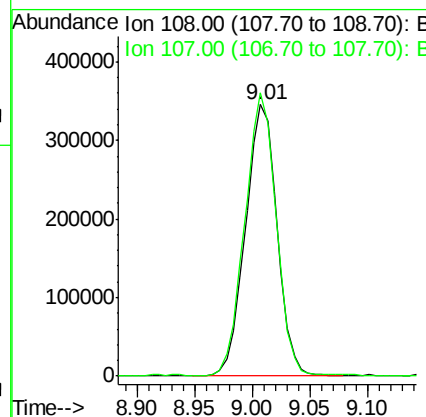
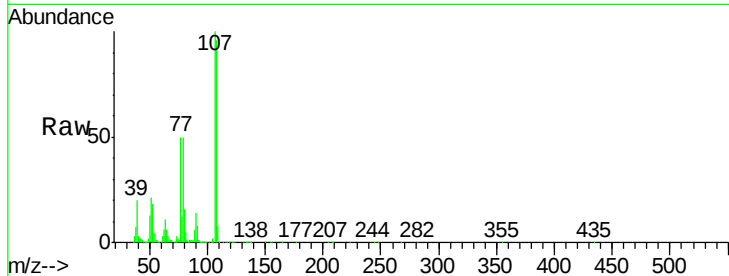
#16
4-Methylphenol
Concen: 84.16 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG025096.D
Acq: 11 Dec 2016 9:39

Instrument :
BNA_G
ClientSampleId :
DA817

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	656820		
107	104.3	91.7	137.5	

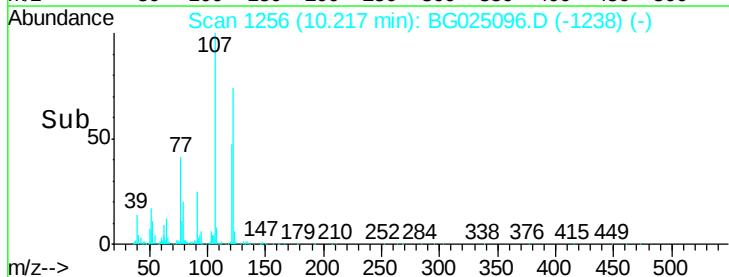
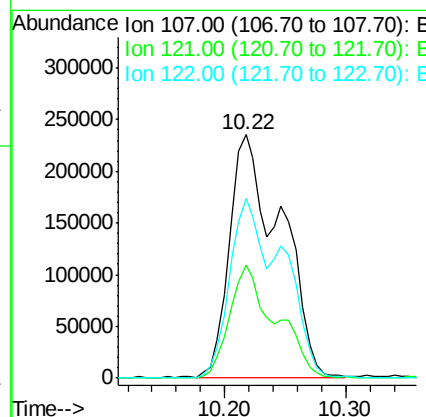
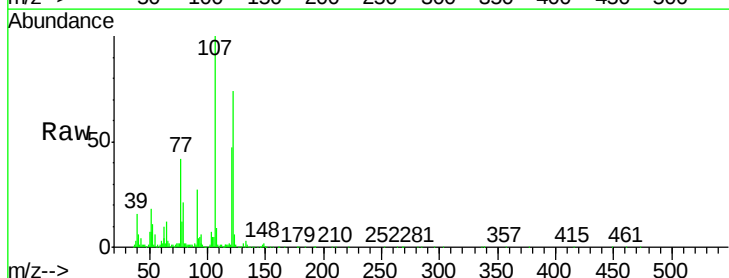
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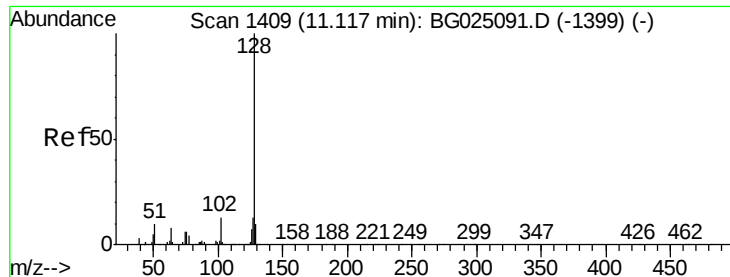
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#24
2,4-Dimethylphenol
Concen: 67.16 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BG025096.D
Acq: 11 Dec 2016 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	694323		
121	46.6	32.3	48.5	
122	73.7	61.2	91.8	





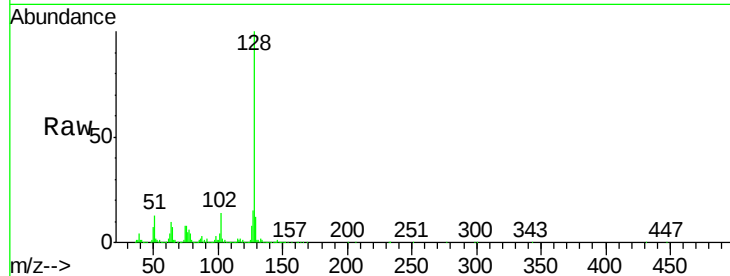
#28
Naphthalene
Concen: 70.61 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025096.D
Acq: 11 Dec 2016 9:39

Instrument :
BNA_G
ClientSampleId :
DA817

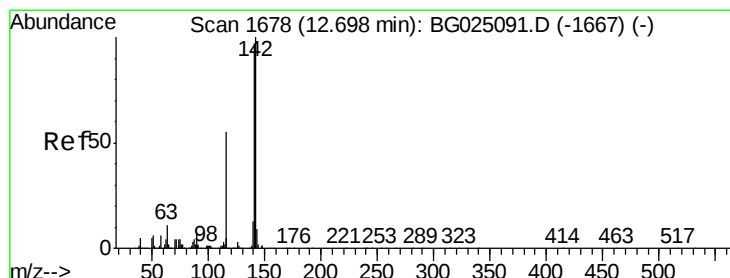
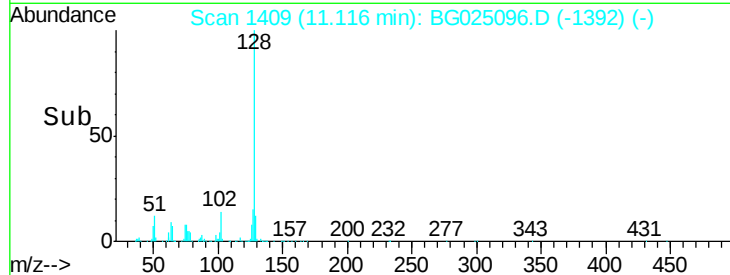
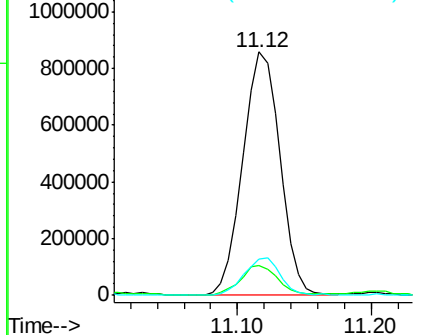
Tgt Ion:128 Resp: 1657048
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.2
127 14.9 10.3 15.5

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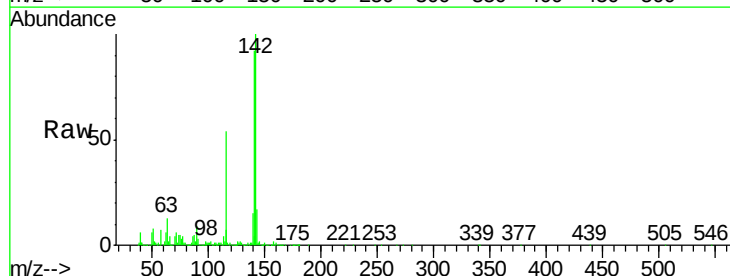


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

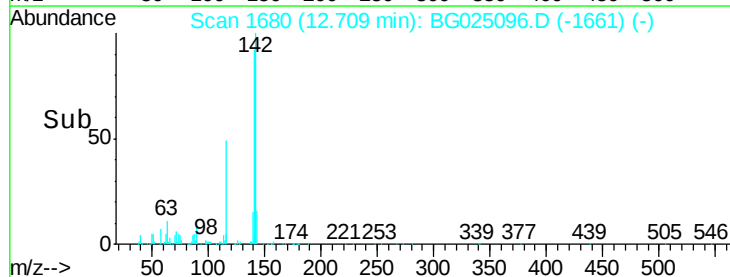
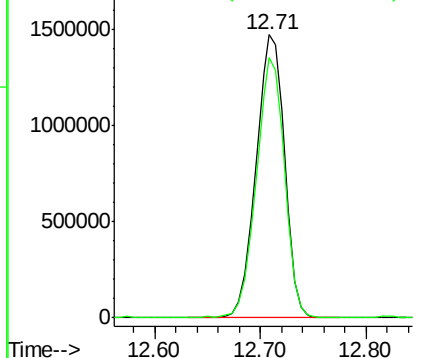


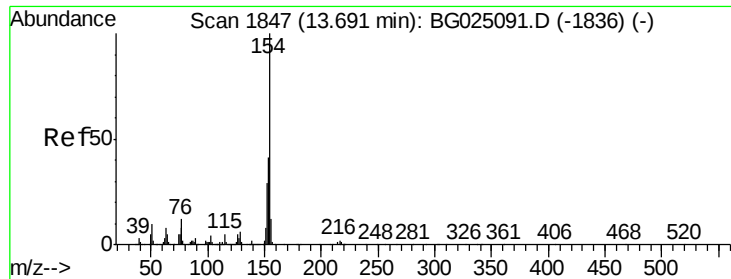
#34
2-Methylnaphthalene
Concen: 148.63 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.01 min
Lab File: BG025096.D
Acq: 11 Dec 2016 9:39

Tgt Ion:142 Resp: 2752362
Ion Ratio Lower Upper
142 100
141 91.9 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





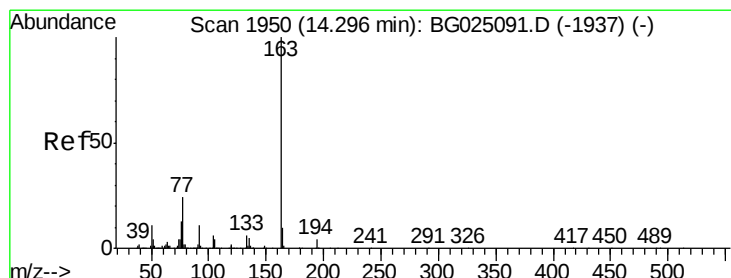
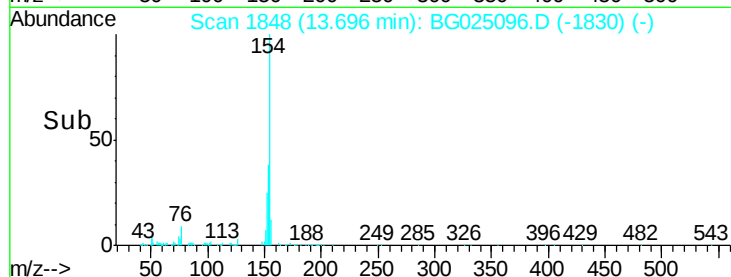
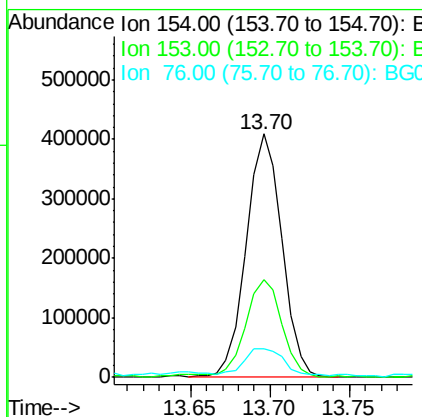
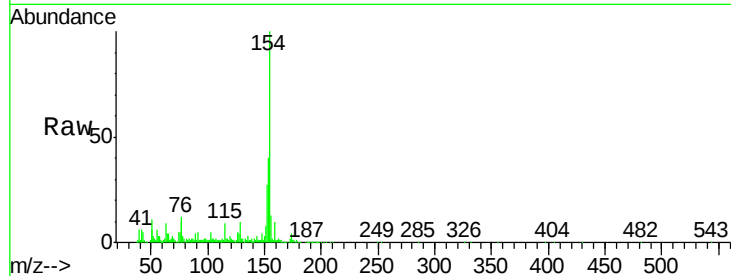
#40
 1,1'-Biphenyl
 Concen: 29.11 ng/ul
 RT: 13.70 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BG025096.D
 Acq: 11 Dec 2016 9:39

Instrument :
 BNA_G
 ClientSampled :
 DA817

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.2	48.2
76	11.9	9.6	14.4

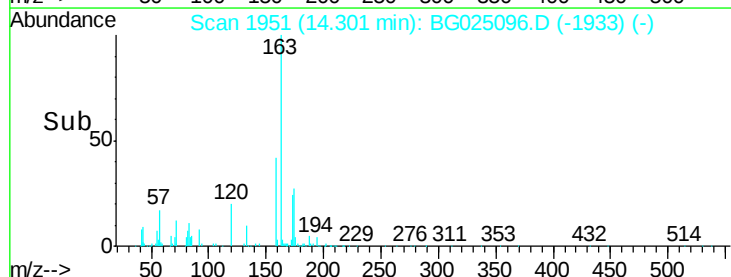
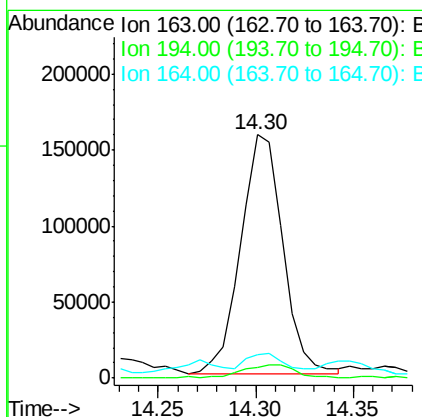
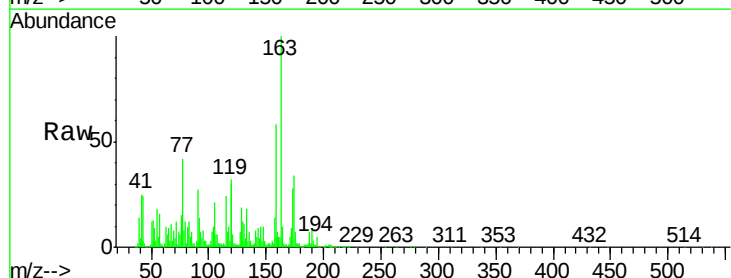
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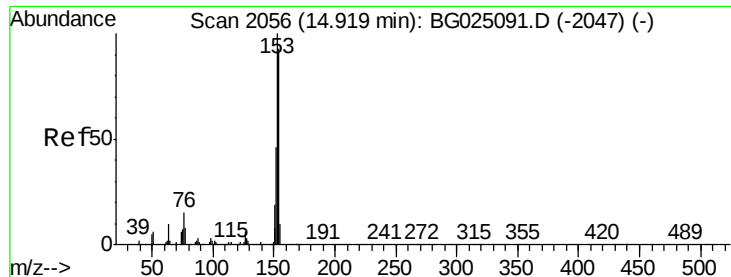
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#44
 Dimethylphthalate
 Concen: 9.54 ng/ul
 RT: 14.30 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BG025096.D
 Acq: 11 Dec 2016 9:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	9.8	9.0	13.4





#49

Acenaphthene

Concen: 9.09 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025096.D

Acq: 11 Dec 2016 9:39

Instrument :

BNA_G

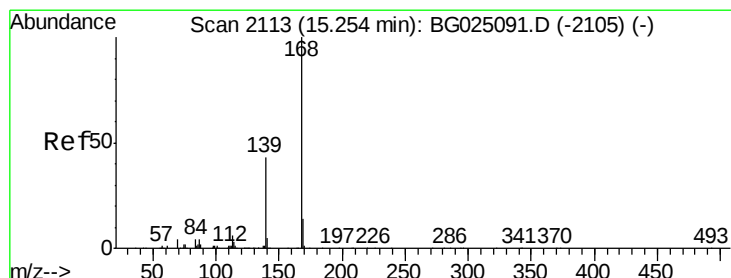
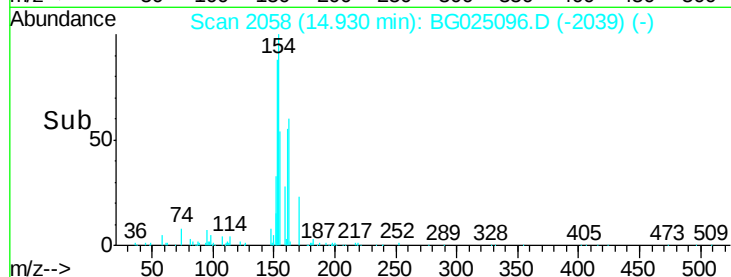
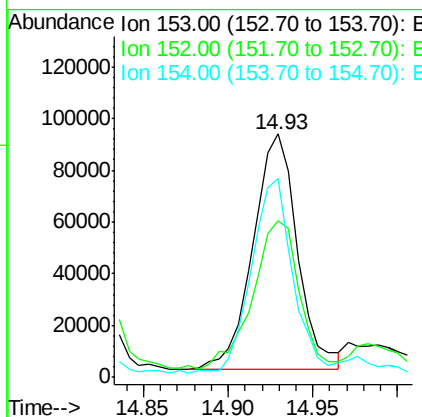
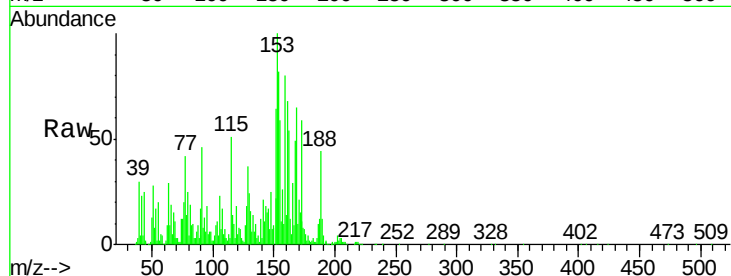
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
153	100		
152	64.5	36.5	54.7#
154	81.9	72.3	108.5

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#53

Dibenzofuran

Concen: 14.09 ng/ul

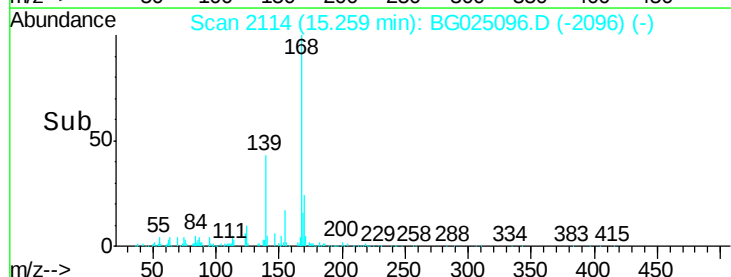
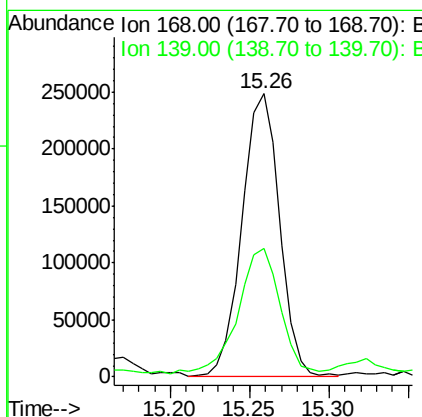
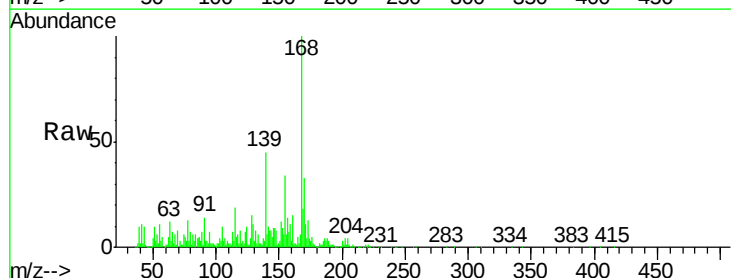
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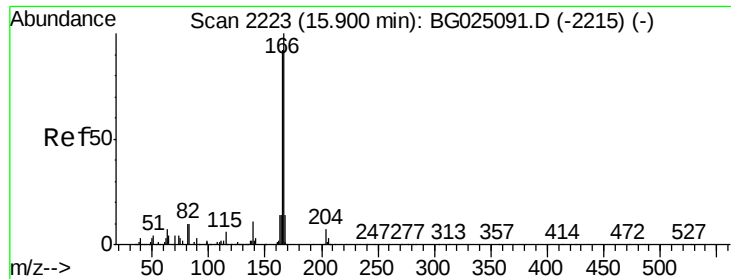
Delta R.T. 0.01 min

Lab File: BG025096.D

Acq: 11 Dec 2016 9:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.3	33.8	50.8





#58

Fluorene

Concen: 18.69 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BG025096.D

Acq: 11 Dec 2016 9:39

Instrument :

BNA_G

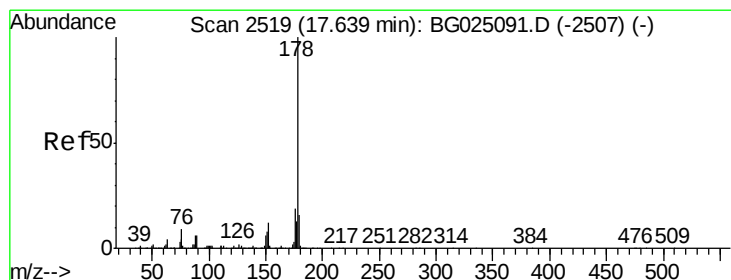
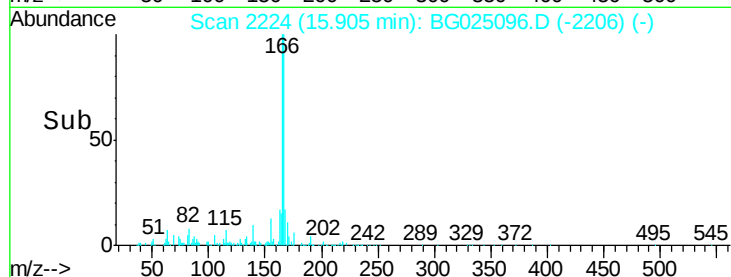
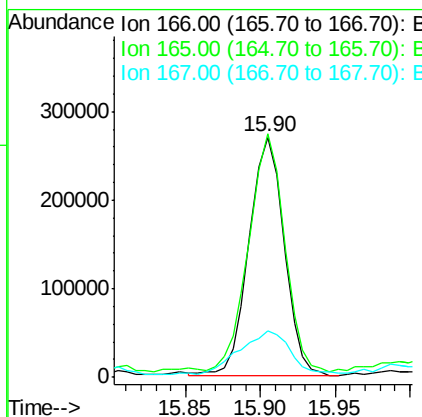
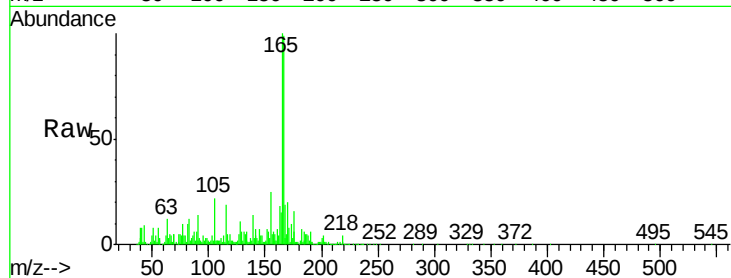
ClientSampleId :

DA817

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.7	119.5
167	19.4	11.4	17.2#

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#69

Phenanthrene

Concen: 5.30 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BG025096.D

Acq: 11 Dec 2016 9:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.4	18.6
176	20.8	16.5	24.7

