

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025108.D
 Acq On : 11 Dec 2016 18:09
 Operator : UM/SJ
 Sample : H5863-02DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA7Y1DL

Manual Integrations
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 12/12/2016 4:30:26 PM

Quant Time: Dec 12 10:10:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	168945	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	685012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	541868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	1093586	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1352625	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1416843	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2911	0.89	ng/uL	0.00
5) Phenol-d5	7.39	99	36867	2.53	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	27808	3.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	26710	2.62	ng/ul	0.01
13) 4-Methylphenol-d8	8.94	113	34746	2.85	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	17208	3.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	18119	3.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	34255	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	168940	14.78	ng/ul	0.03
43) Dimethylphthalate-d6	14.25	166	112849	3.03	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	146486	3.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	26322m	4.11	ng/ul	0.04
57) Fluorene-d10	15.85	176	119355	3.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	24524	3.63	ng/ul	0.01
70) Anthracene-d10	17.70	188	171649	3.72	ng/ul	0.00
76) Pyrene-d10	19.98	212	209053	3.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	207305	3.61	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.41	94	28810	1.93	ng/ul#	80
11) 2-Methylphenol	8.68	108	48506	4.40	ng/ul	97
14) Acetophenone	9.07	105	75308	4.06	ng/ul	96
16) 4-Methylphenol	9.01	108	37635	3.07	ng/ul	83
24) 2,4-Dimethylphenol	10.25	107	97360	6.94	ng/ul	93
28) Naphthalene	11.12	128	372581	11.70	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	537572	21.39	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	69064	2.10	ng/ul#	95
49) Acenaphthene	14.93	153	74810	2.75	ng/ul#	86
53) Dibenzofuran	15.26	168	170201	3.96	ng/ul	93
58) Fluorene	15.90	166	173983	4.97	ng/ul#	90
64) N-Nitrosodiphenylamine	16.11	169	100865	3.59	ng/ul#	43
69) Phenanthrene	17.65	178	133389	2.56	ng/ul#	87
74) Fluoranthene	19.64	202	89277	1.44	ng/ul#	89
77) Pyrene	20.01	202	156814	2.41	ng/ul	97

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

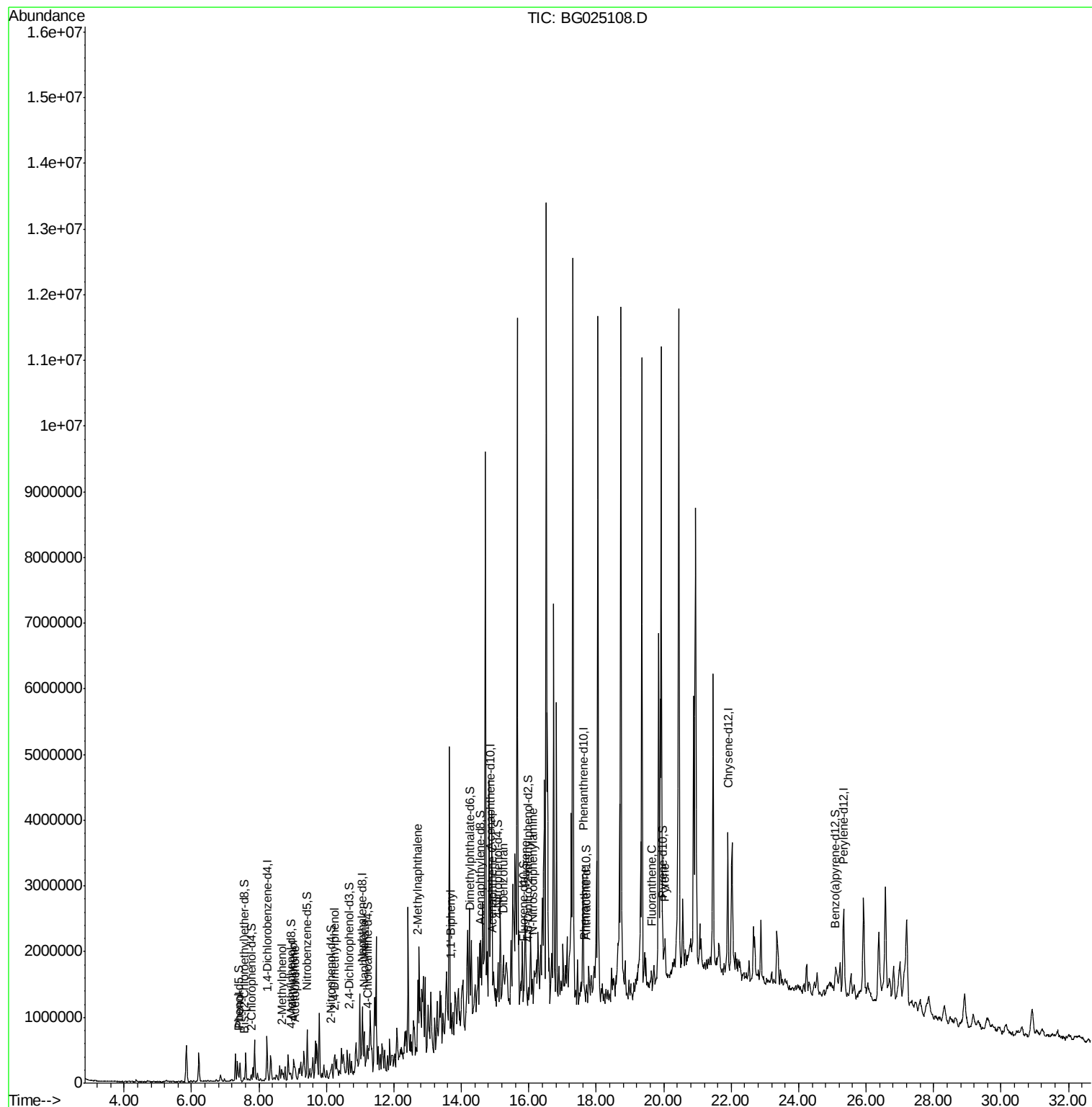
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

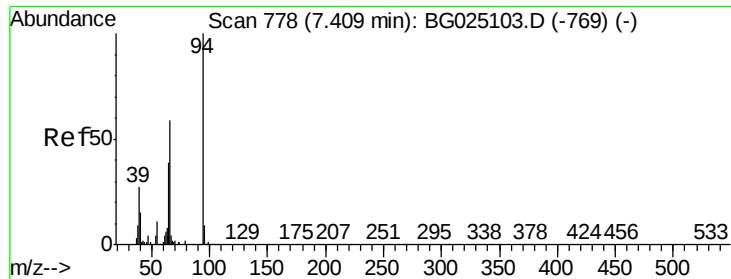
Instrument :
BNA_G
ClientSampleId :
DA7Y1DL

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Quant Time: Dec 12 10:10:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.93 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Instrument :

BNA_G

ClientSampleId :

DA7Y1DL

Tgt Ion: 94 Resp: 28810

Ion Ratio Lower Upper

94 100

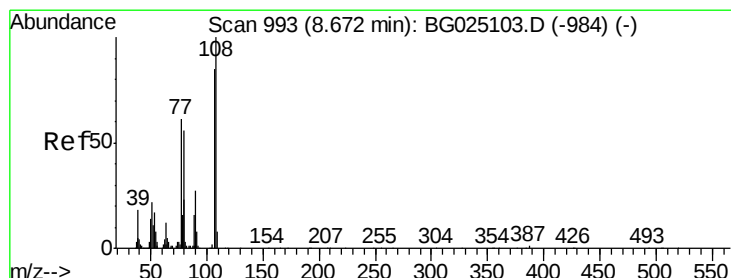
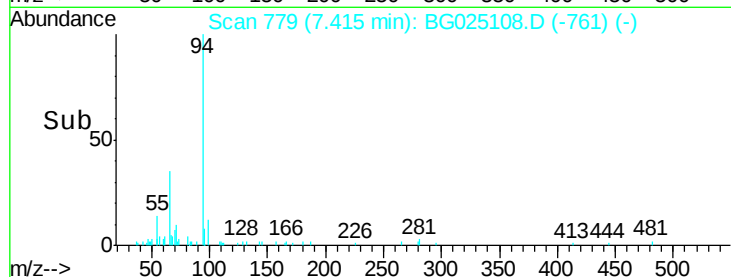
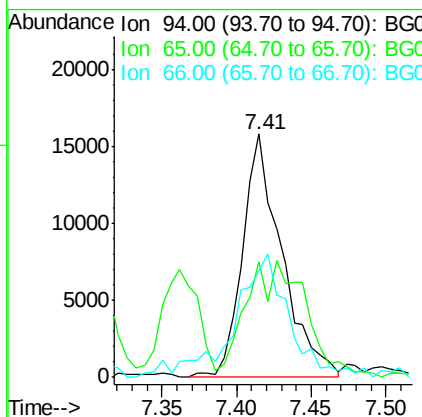
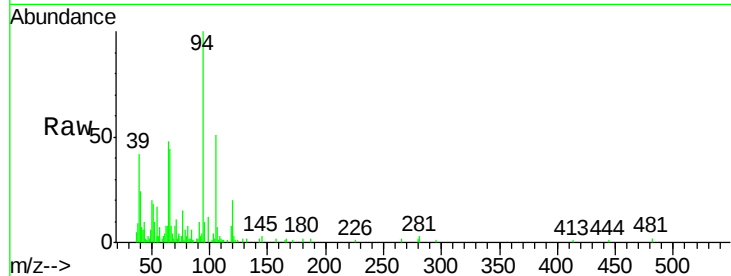
65 47.5 26.8 40.2#

66 43.6 44.4 66.6#

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#11

2-Methylphenol

Concen: 4.40 ng/ul

RT: 8.68 min Scan# 994

Delta R.T. 0.01 min

Lab File: BG025108.D

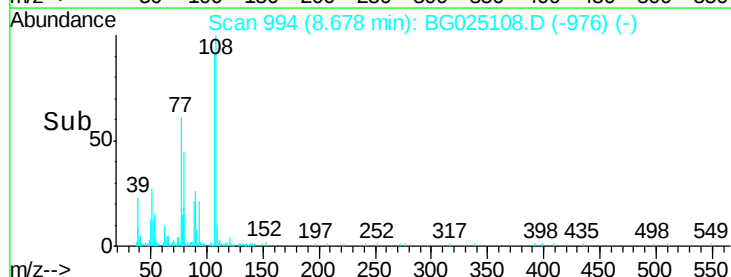
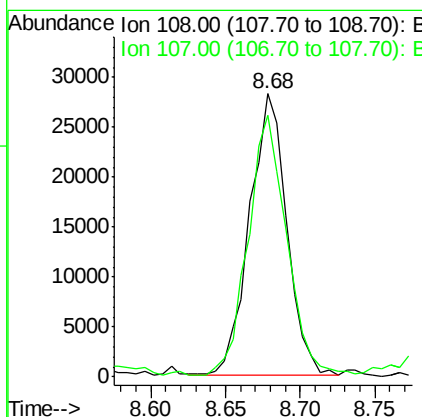
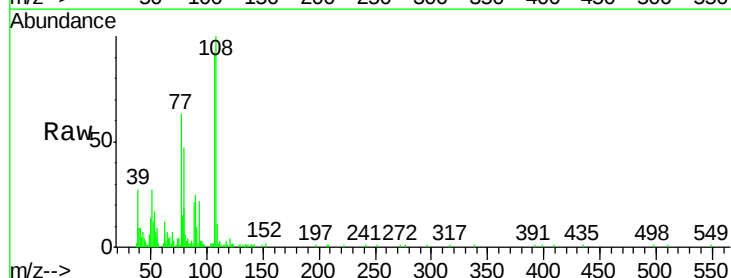
Acq: 11 Dec 2016 18:09

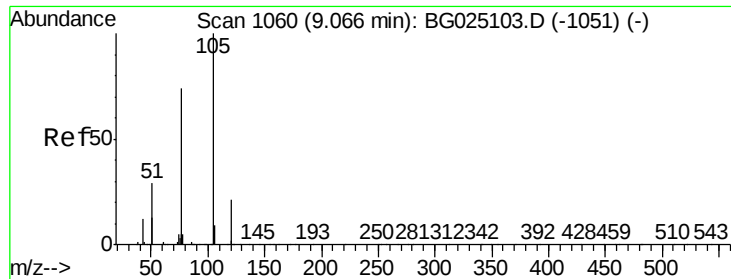
Tgt Ion: 108 Resp: 48506

Ion Ratio Lower Upper

108 100

107 92.5 76.7 115.1





#14

Acetophenone

Concen: 4.06 ng/ul

RT: 9.07 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Instrument :

BNA_G

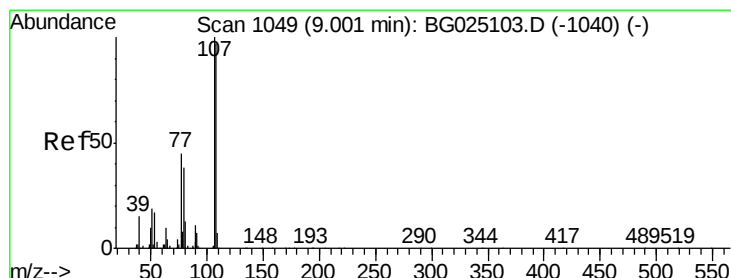
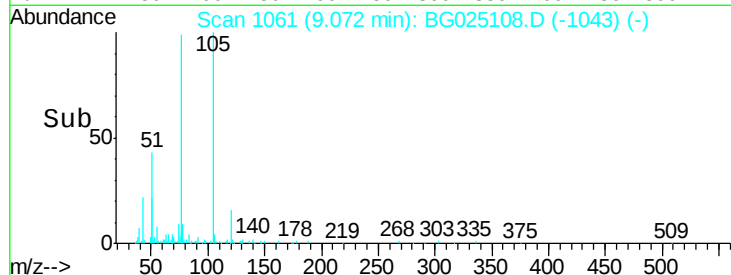
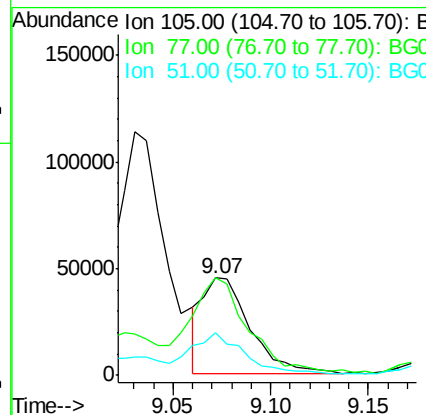
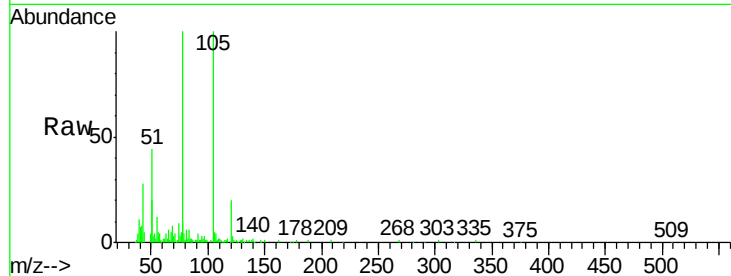
ClientSampleId :

DA7Y1DL

Tgt Ion:	105	Resp:	75308
Ion Ratio	Lower	Upper	
105	100		
77	100.5	76.0	114.0
51	44.3	34.8	52.2

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#16

4-Methylphenol

Concen: 3.07 ng/ul

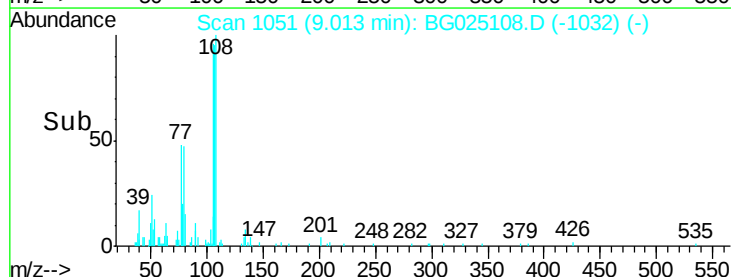
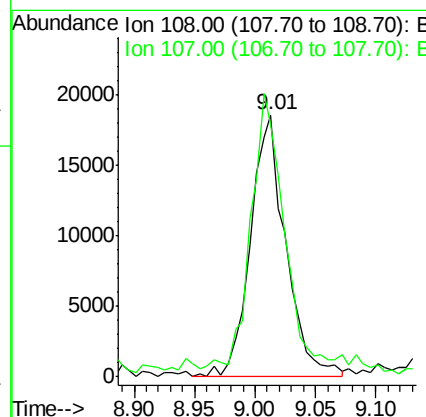
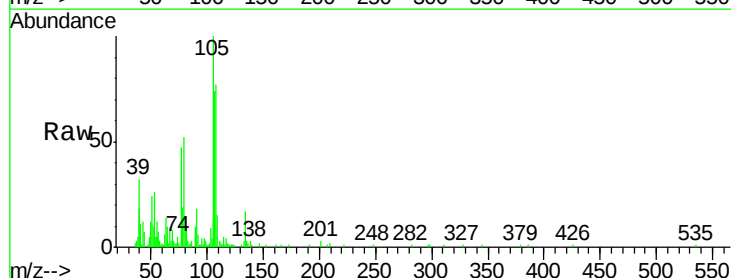
RT: 9.01 min Scan# 1051

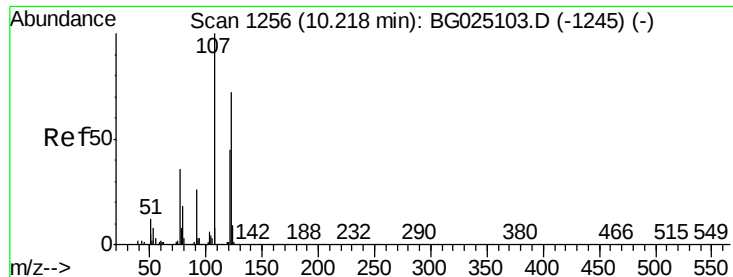
Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Tgt Ion:	108	Resp:	37635
Ion Ratio	Lower	Upper	
108	100		
107	96.5	91.7	137.5





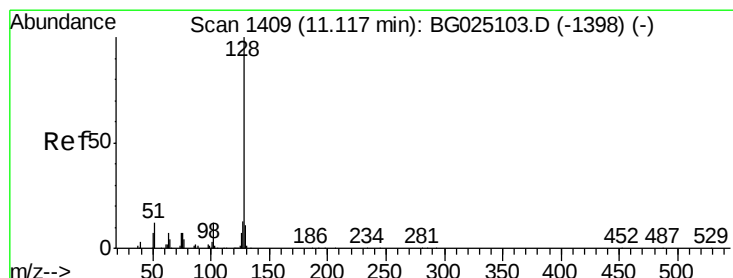
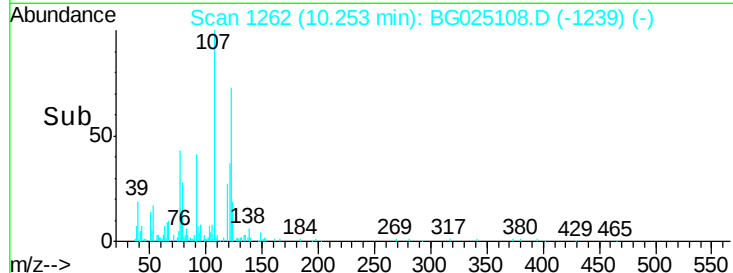
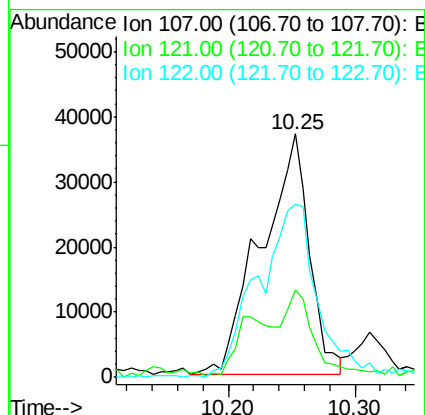
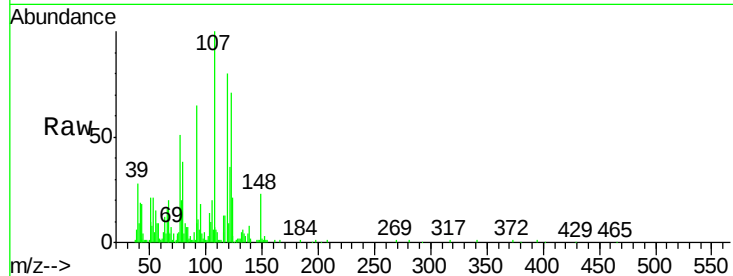
#24
2,4-Dimethylphenol
Concen: 6.94 ng/ul
RT: 10.25 min Scan# 1262
Delta R.T. 0.04 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleID :
DA7Y1DL

Tgt Ion:	107	Resp:	97360
Ion Ratio	Lower	Upper	
107	100		
121	35.9	32.3	48.5
122	71.0	61.2	91.8

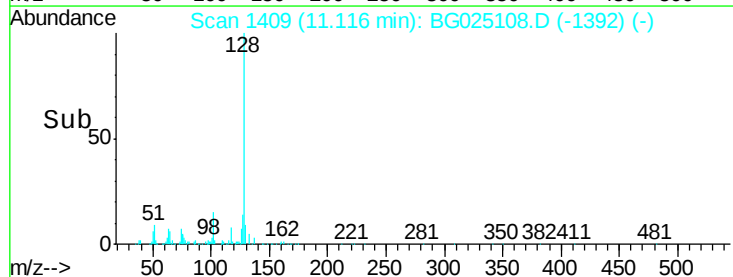
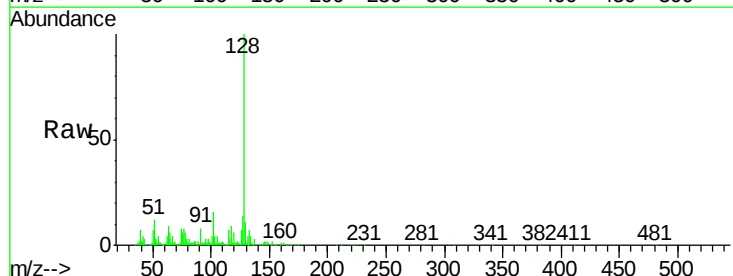
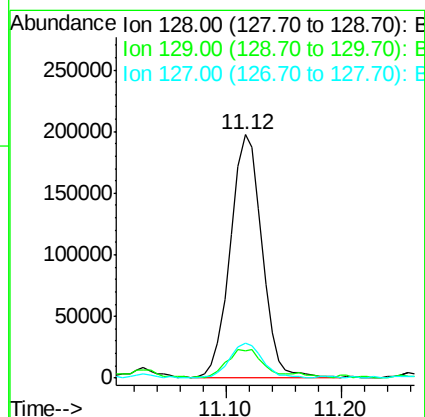
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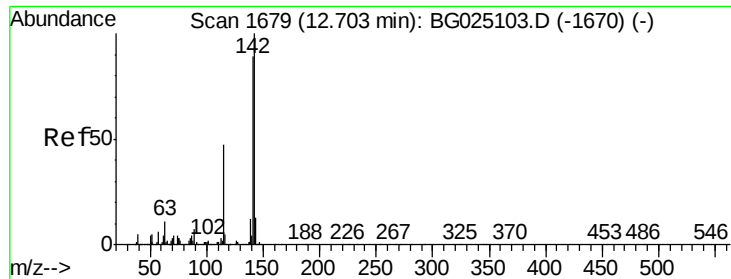
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#28
Naphthalene
Concen: 11.70 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:	128	Resp:	372581
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.2
127	14.5	10.3	15.5





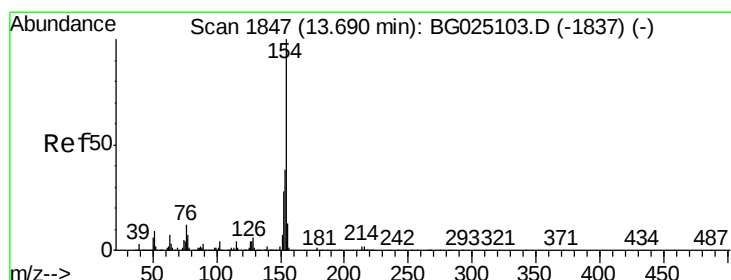
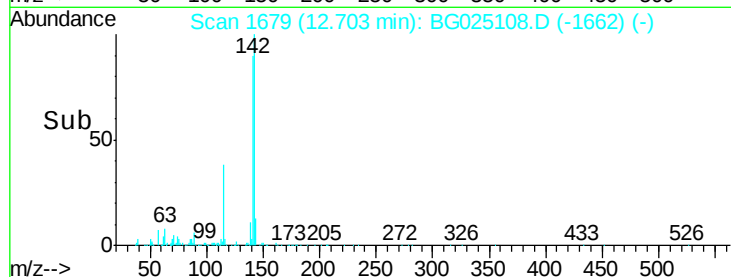
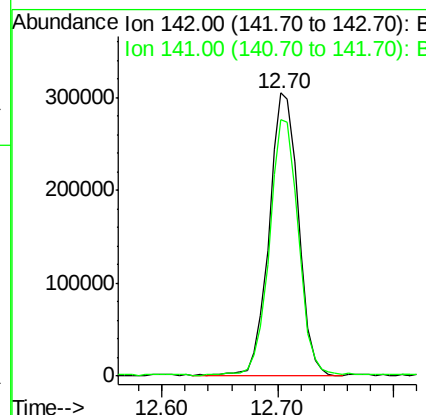
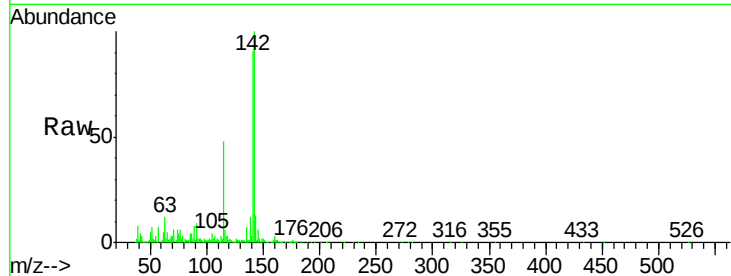
#34
 2-Methylnaphthalene
 Concen: 21.39 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG025108.D
 Acq: 11 Dec 2016 18:09

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y1DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	68.6	102.8

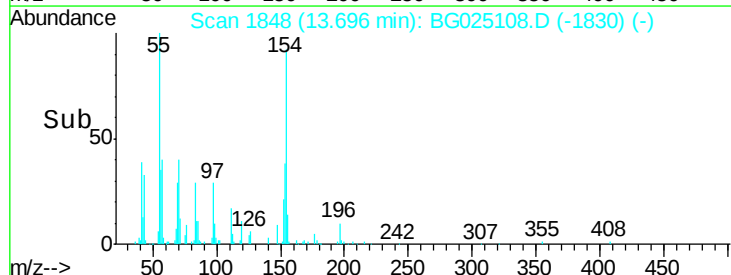
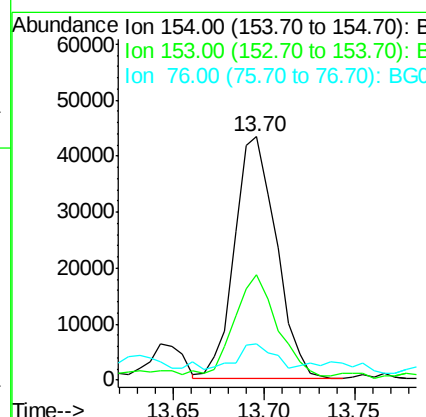
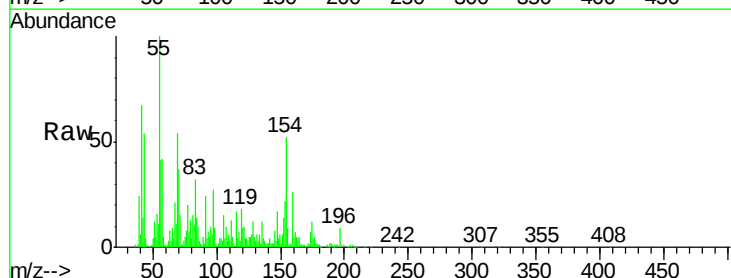
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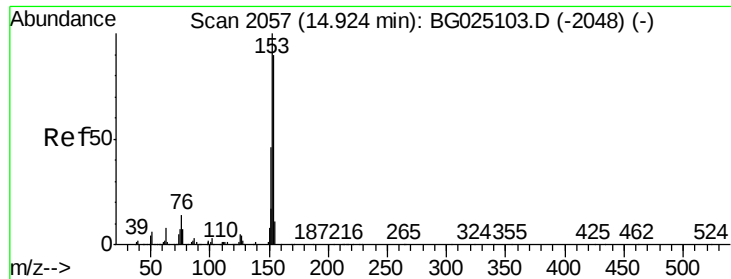
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#40
 1,1'-Biphenyl
 Concen: 2.10 ng/ul
 RT: 13.70 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BG025108.D
 Acq: 11 Dec 2016 18:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	32.2	48.2
76	15.1	9.6	14.4





#49

Acenaphthene

Concen: 2.75 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Instrument :

BNA_G

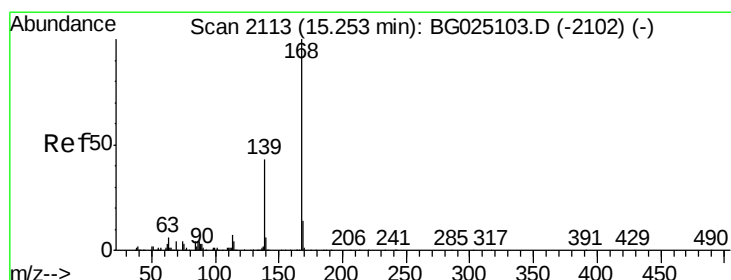
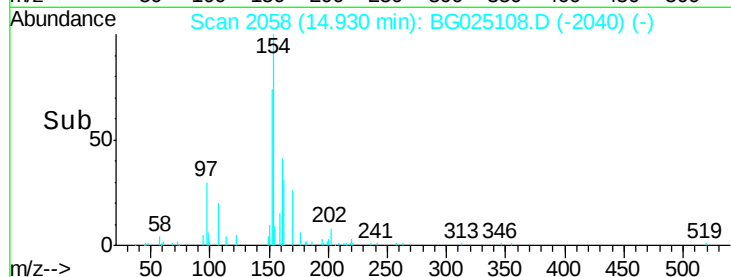
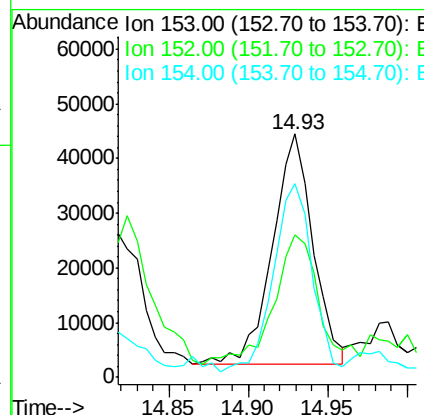
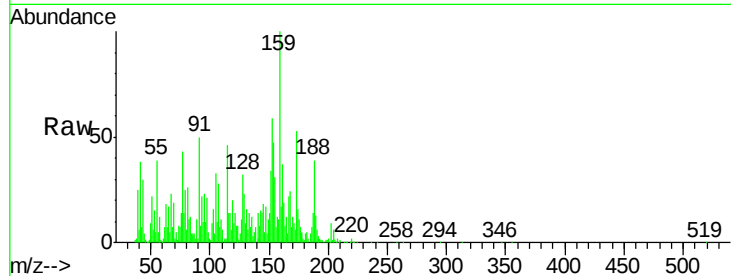
ClientSampleId :

DA7Y1DL

Tgt Ion	Ratio	Lower	Upper
153	100		
152	58.4	36.5	54.7#
154	79.4	72.3	108.5

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#53

Dibenzofuran

Concen: 3.96 ng/ul

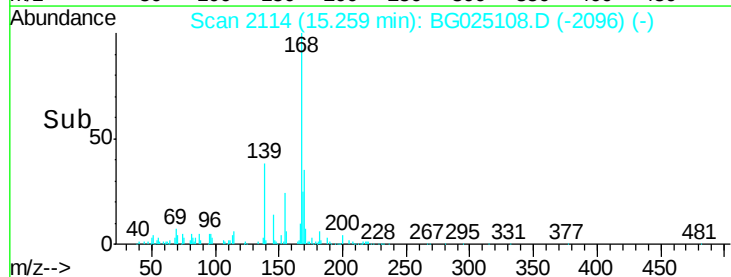
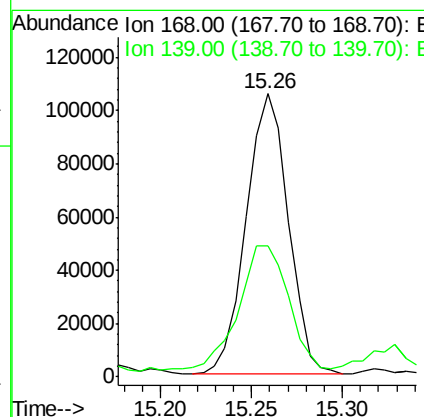
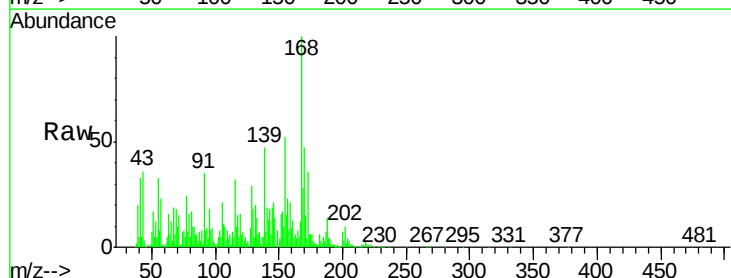
RT: 15.26 min Scan# 2114

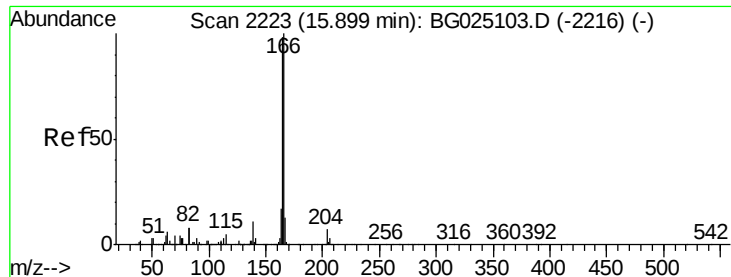
Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.5	33.8	50.8





#58

Fluorene

Concen: 4.97 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Instrument :

BNA_G

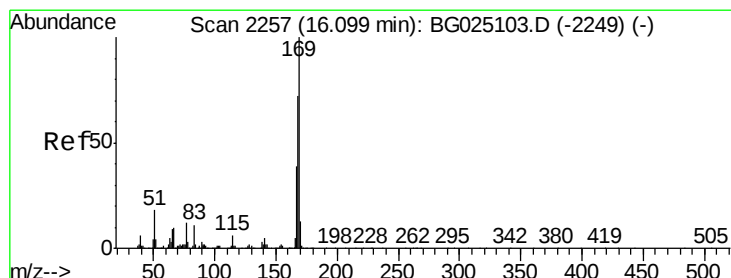
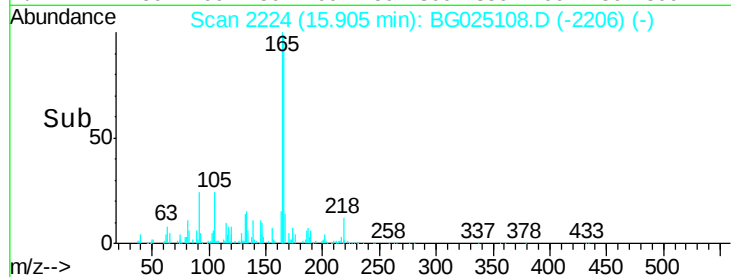
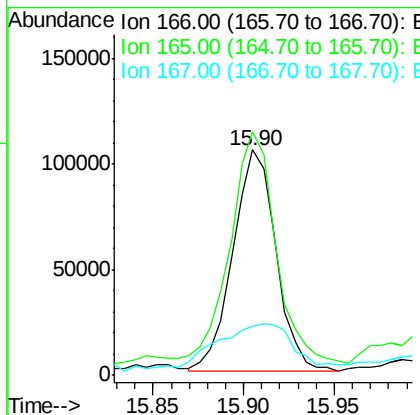
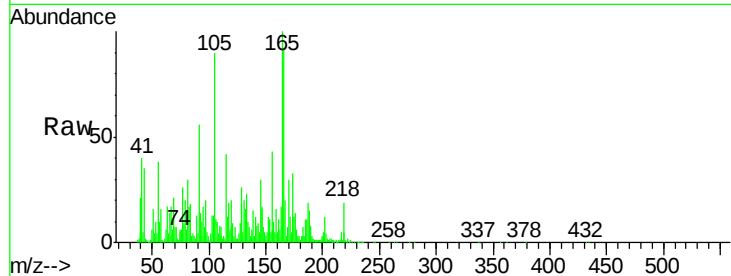
ClientSampleId :

DA7Y1DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	173983		
165	108.2	79.7	119.5	
167	22.0	11.4	17.2#	

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#64

N-Nitrosodiphenylamine

Concen: 3.59 ng/ul

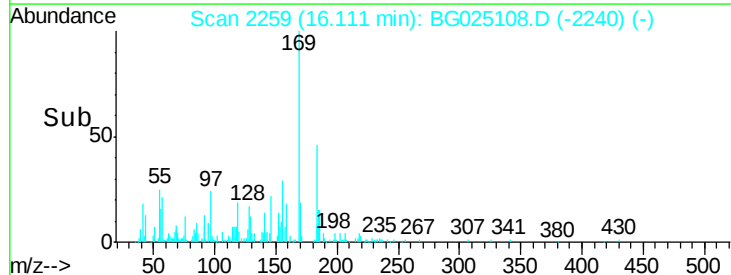
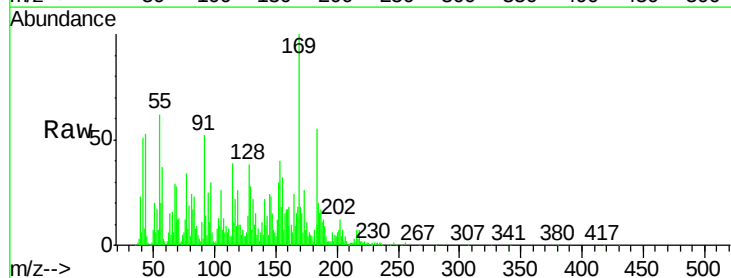
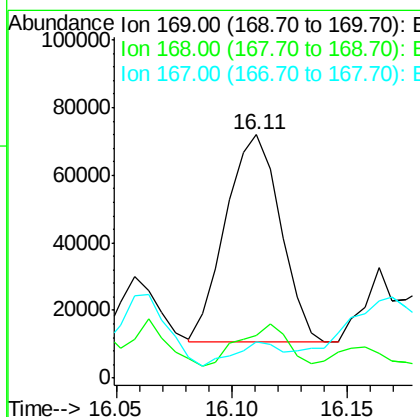
RT: 16.11 min Scan# 2259

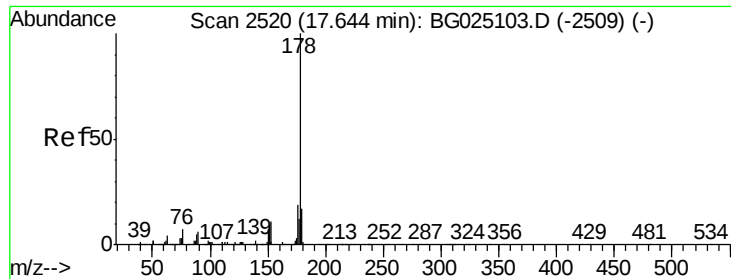
Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	100865		
168	17.5	59.1	88.7#	
167	14.7	29.7	44.5#	





#69

Phenanthrene

Concen: 2.56 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Instrument :

BNA_G

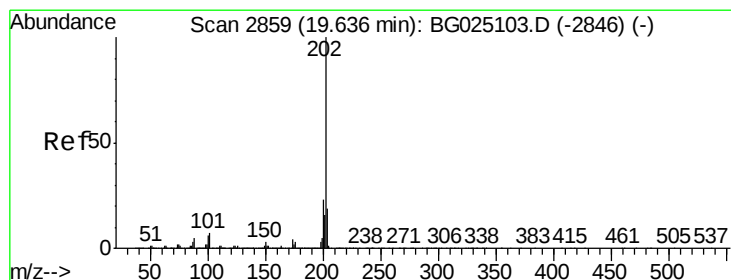
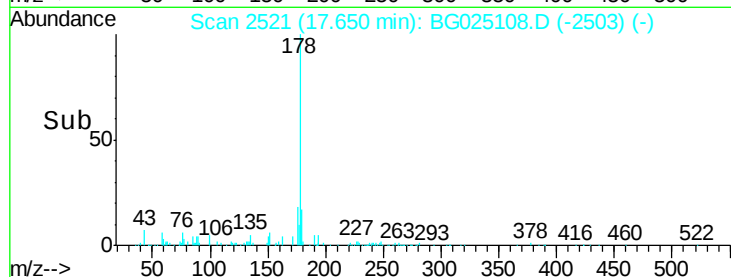
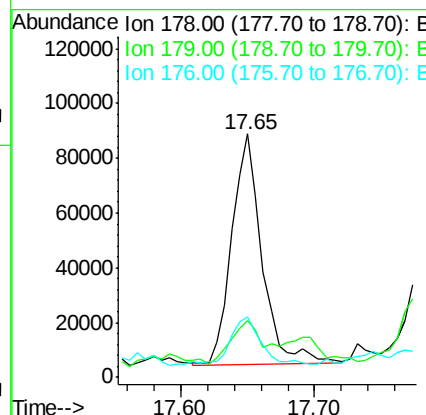
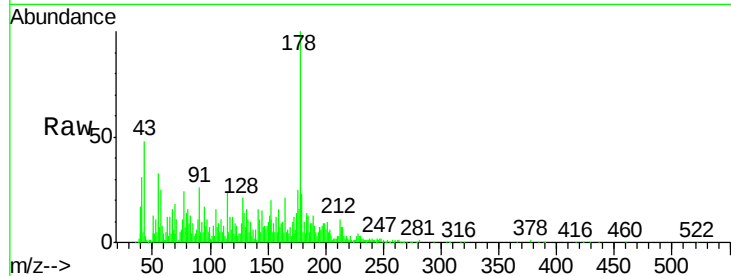
ClientSampleId :

DA7Y1DL

Tgt Ion:	178	Resp:	133389
Ion Ratio	Lower	Upper	
178	100		
179	23.3	12.4	18.6#
176	24.7	16.5	24.7

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12/12/2016 4:30:26 PM



#74

Fluoranthene

Concen: 1.44 ng/ul

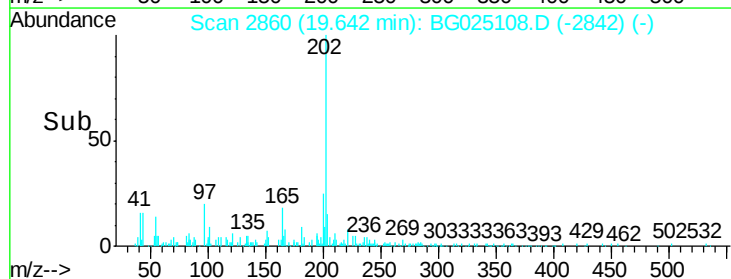
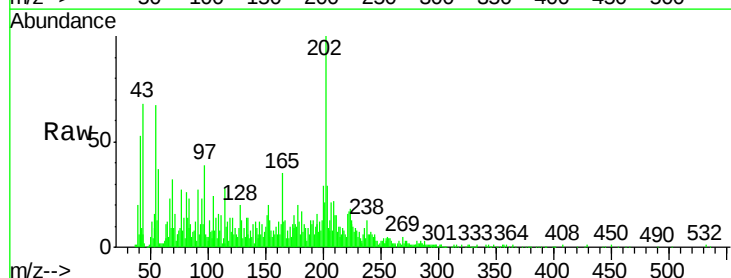
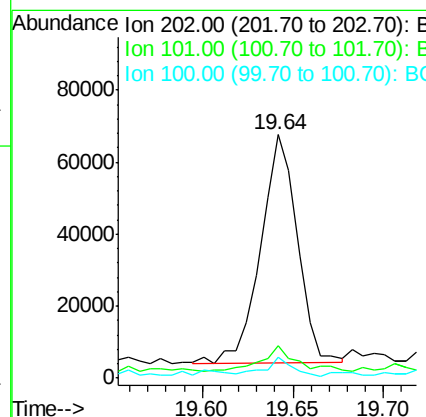
RT: 19.64 min Scan# 2860

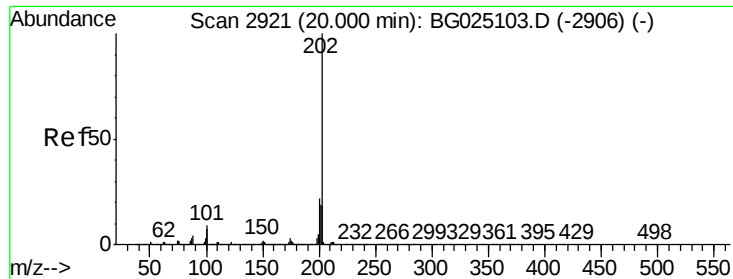
Delta R.T. 0.01 min

Lab File: BG025108.D

Acq: 11 Dec 2016 18:09

Tgt Ion:	202	Resp:	89277
Ion Ratio	Lower	Upper	
202	100		
101	13.4	6.2	9.2#
100	8.4	5.2	7.8#





#77

Pyrene

Concen: 2.41 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025108.D

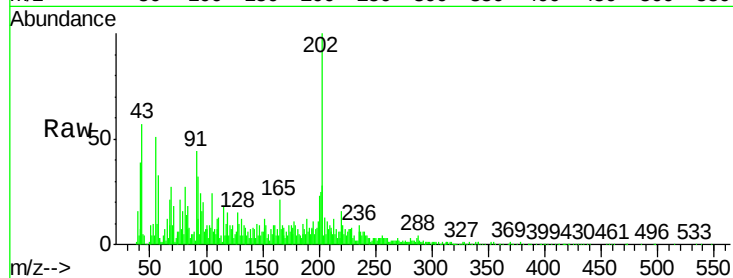
Acq: 11 Dec 2016 18:09

Instrument :

BNA_G

ClientSampleId :

DA7Y1DL



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.5	6.9	10.3		
100	7.3	6.6	10.0		

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:26 PM

