

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025306.D
 Acq On : 18 Dec 2016 11:54
 Operator : UM/SJ
 Sample : H5905-18DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA817DL

Manual Integrations
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Quant Time: Dec 19 06:12:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 04:41:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71614	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	292230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	229971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	480706	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	611336	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	604355	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	1076	0.78	ng/uL	0.00
5) Phenol-d5	7.40	99	21559	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	16899	4.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	17064	3.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	19606	3.80	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	9370	4.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	10892	4.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	20135	4.06	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	67227	4.25	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	78537	4.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	2594	0.95	ng/ul	-0.01
57) Fluorene-d10	15.84	176	69191	4.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	3545	1.19	ng/ul	0.03
70) Anthracene-d10	17.70	188	96150	4.74	ng/ul	0.00
76) Pyrene-d10	19.97	212	116943	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	111396	4.55	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	7.42	94	10824	1.71 ng/ul#	81
11) 2-Methylphenol	8.68	108	31754	6.80 ng/ul#	79
16) 4-Methylphenol	9.01	108	89203	17.17 ng/ul	95
24) 2,4-Dimethylphenol	10.22	107	97187m	16.24 ng/ul	
28) Naphthalene	11.11	128	216057	15.90 ng/ul	98
34) 2-Methylnaphthalene	12.70	142	412175	38.45 ng/ul	93
40) 1,1'-Biphenyl	13.69	154	85519	6.13 ng/ul	95
44) Dimethylphthalate	14.30	163	31294	2.01 ng/ul#	94
49) Acenaphthene	14.92	153	21813	1.89 ng/ul#	75
53) Dibenzofuran	15.25	168	56404	3.09 ng/ul	92
58) Fluorene	15.90	166	59171	3.98 ng/ul	93

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

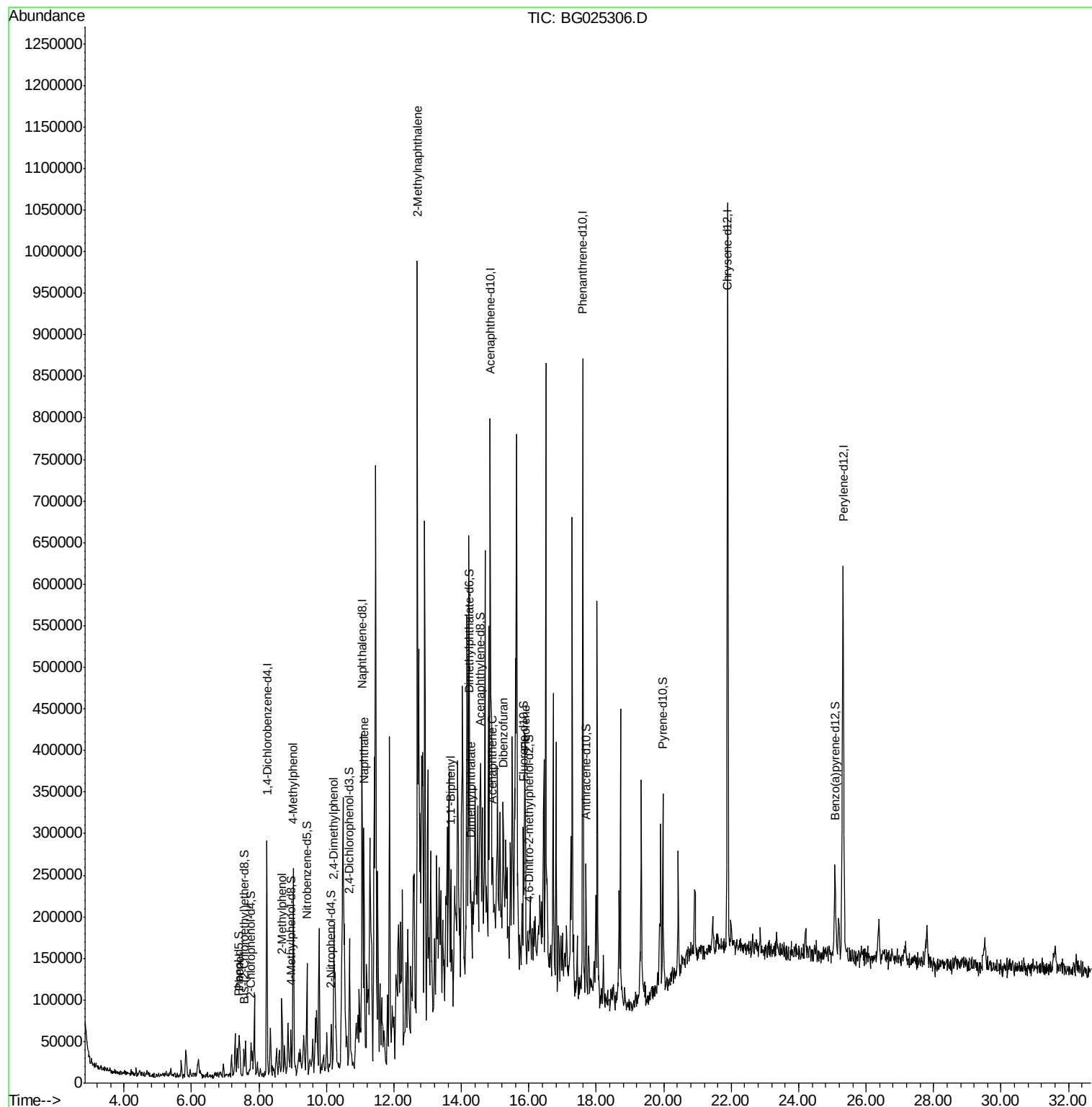
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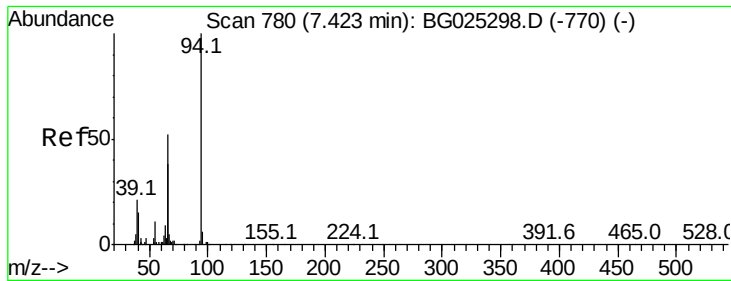
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.71 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Instrument :

BNA_G

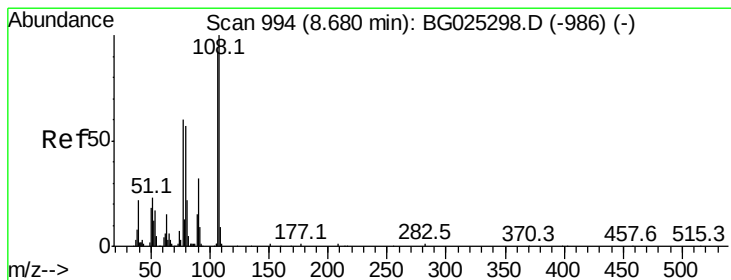
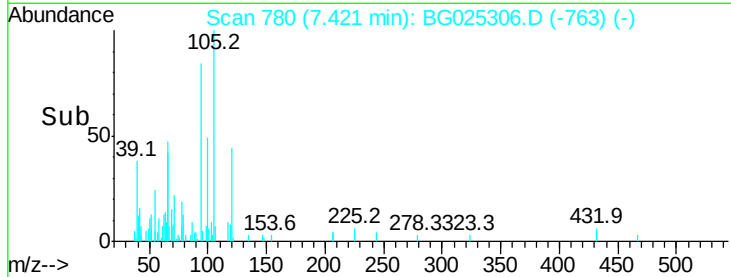
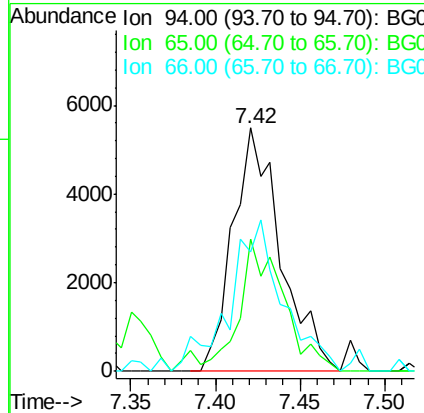
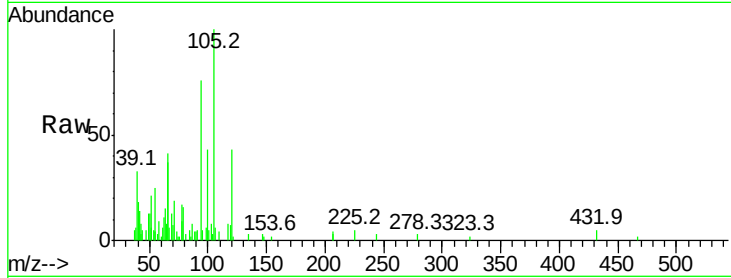
ClientSampleId :

DA817DL

Tot Ion	Ratio	Lower	Upper
94	100		
65	54.1	26.8	40.2#
66	49.0	44.4	66.6

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#11

2-Methylphenol

Concen: 6.80 ng/ul

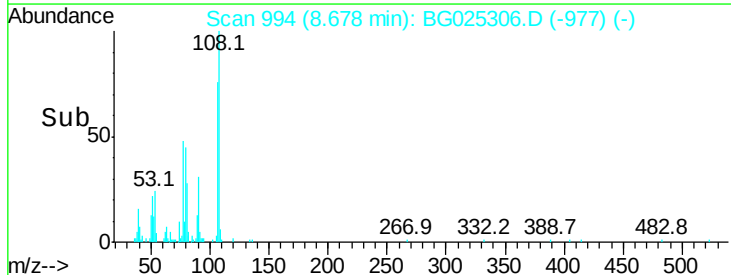
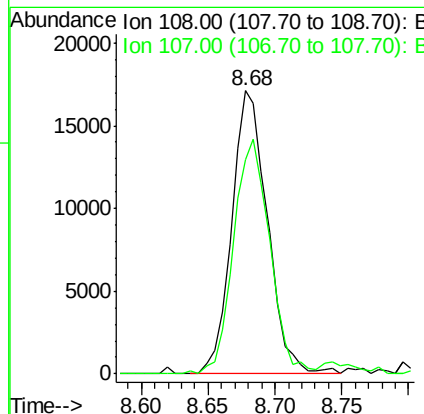
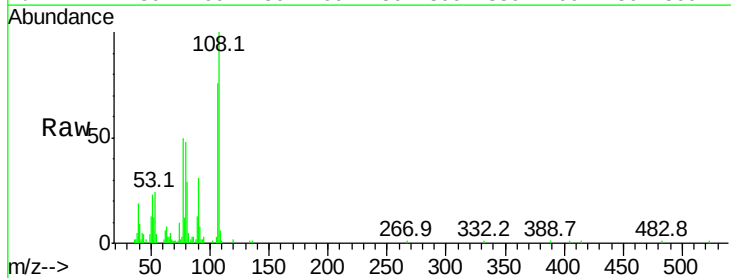
RT: 8.68 min Scan# 994

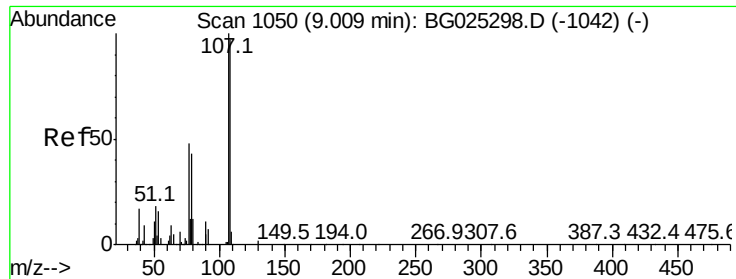
Delta R.T. -0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
108	100		
107	75.6	76.7	115.1#





#16

4-Methylphenol

Concen: 17.17 ng/ul

RT: 9.01 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Instrument :

BNA_G

ClientSampleId :

DA817DL

Tot Ion:108 Resp: 89203

Ion Ratio Lower Upper

108 100

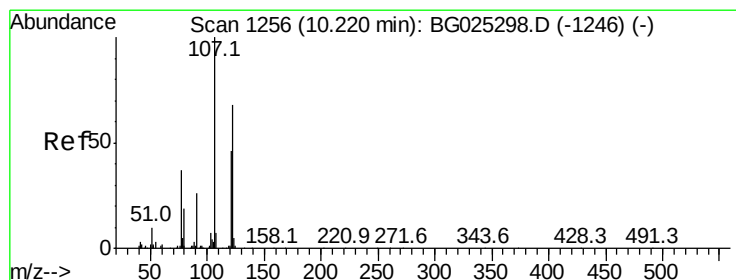
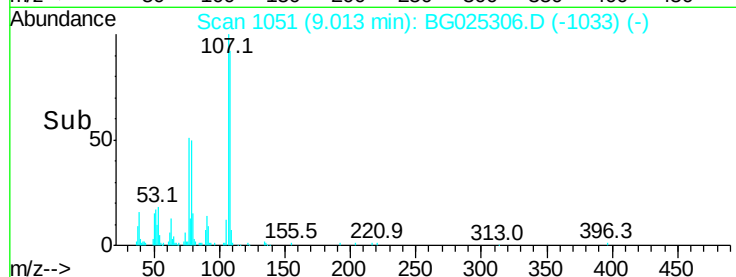
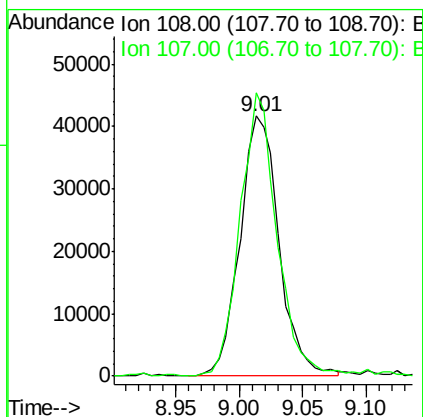
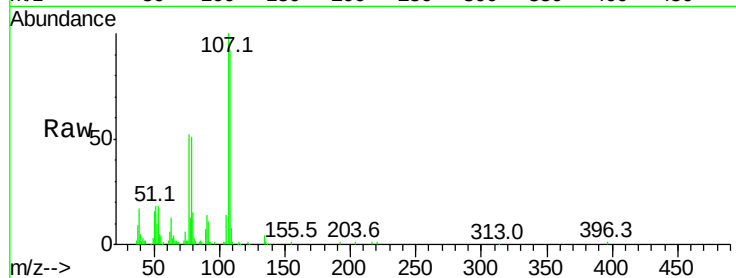
107 108.9 91.7 137.5

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#24

2,4-Dimethylphenol

Concen: 16.24 ng/ul m

RT: 10.22 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

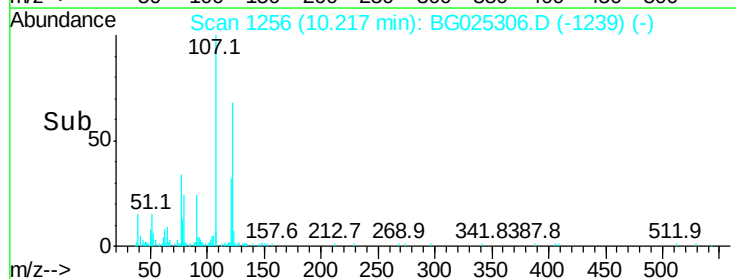
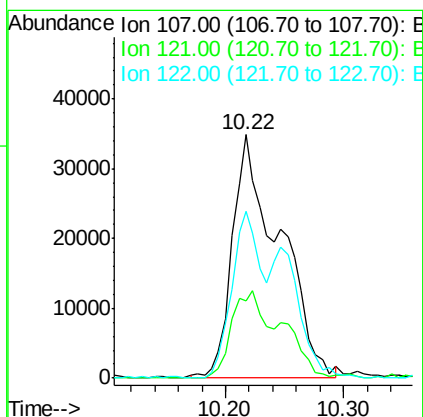
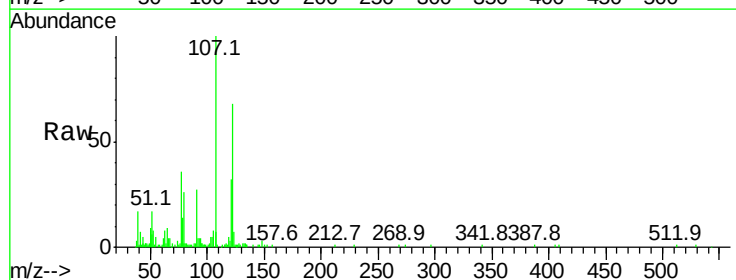
Tgt Ion:107 Resp: 97187

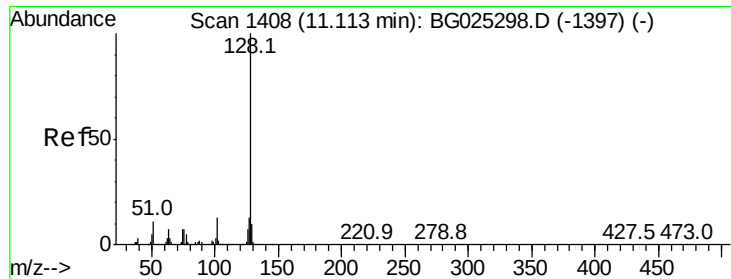
Ion Ratio Lower Upper

107 100

121 31.6 32.3 48.5#

122 68.4 61.2 91.8





#28

Naphthalene

Concen: 15.90 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Instrument :

BNA_G

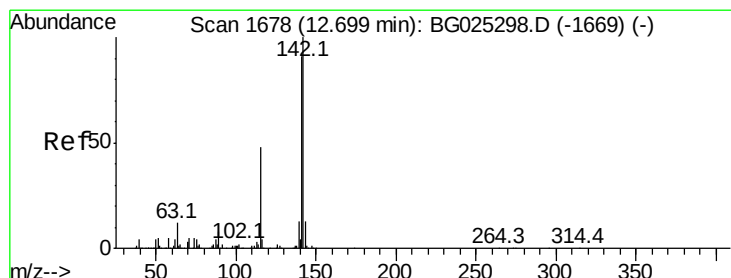
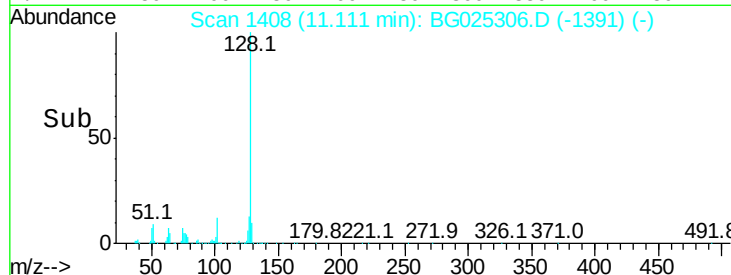
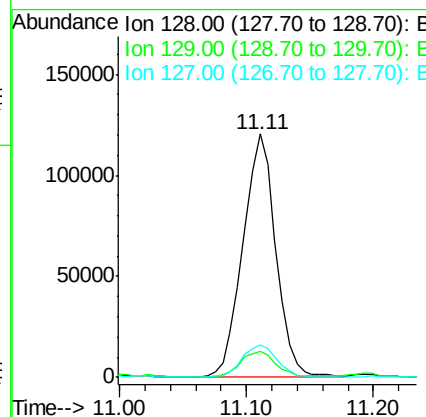
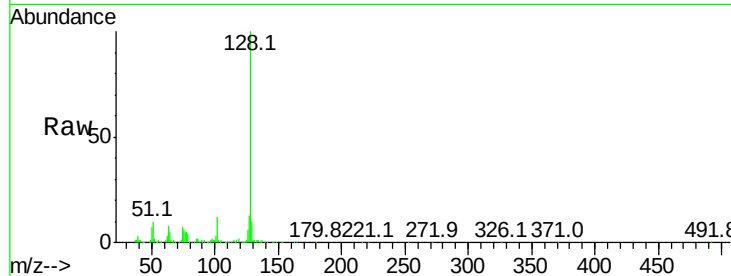
ClientSampleId :

DA817DL

Tot Ion:	128	Resp:	216057
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.4	14.2
127	13.3	10.3	15.5

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#34

2-Methylnaphthalene

Concen: 38.45 ng/ul

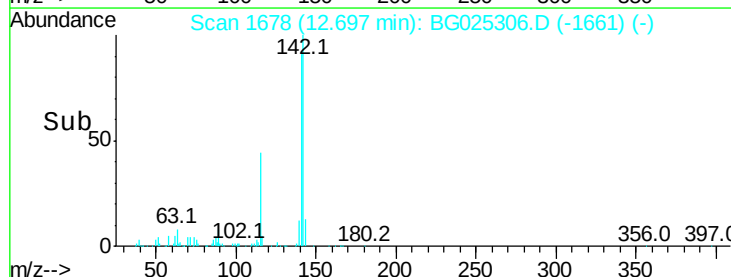
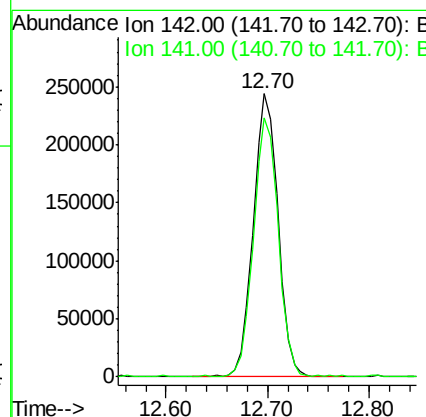
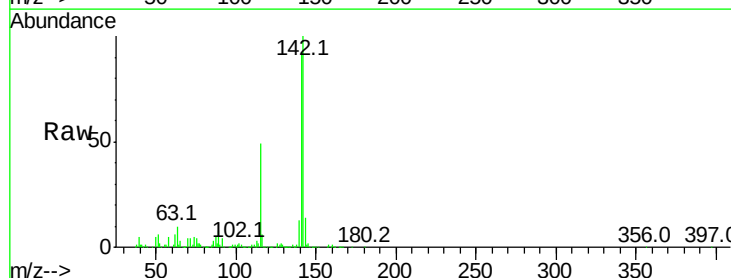
RT: 12.70 min Scan# 1678

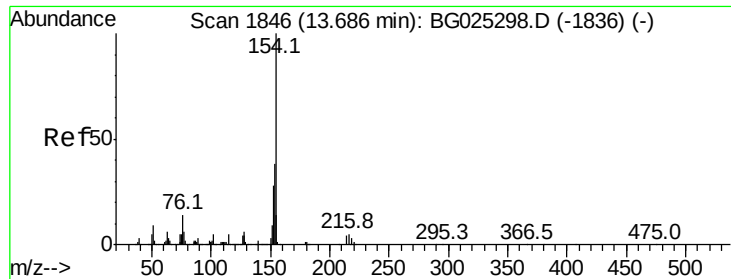
Delta R.T. -0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Tgt Ion:	142	Resp:	412175
Ion Ratio	Lower	Upper	
142	100		
141	91.7	68.6	102.8





#40

1,1'-Biphenyl

Concen: 6.13 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Instrument :

BNA_G

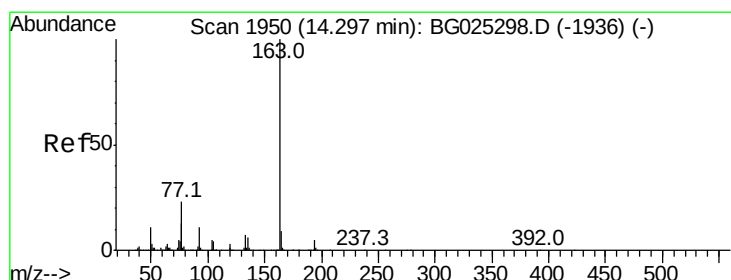
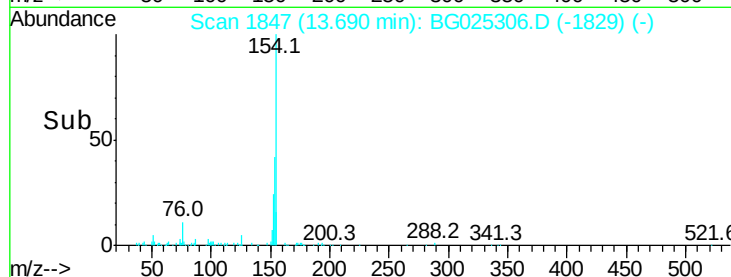
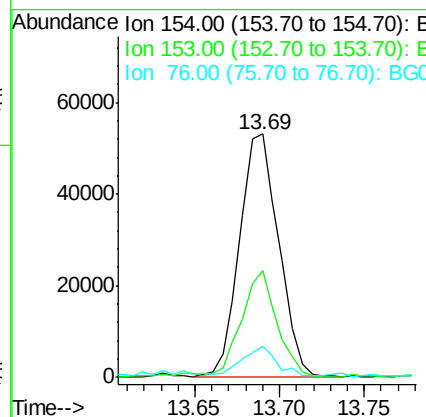
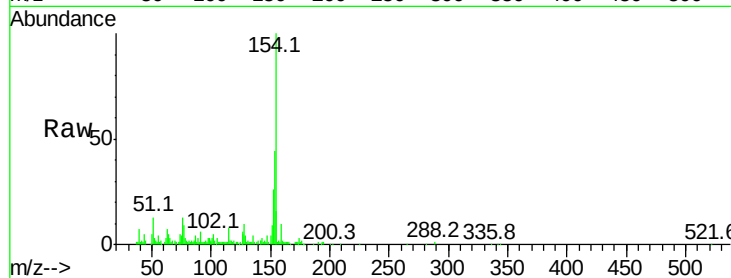
ClientSampleId :

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Tot Ion:	154	Resp:	85519
Ion Ratio	Lower	Upper	
154	100		
153	43.8	32.2	48.2
76	12.9	9.6	14.4

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#44

Dimethylphthalate

Concen: 2.01 ng/ul

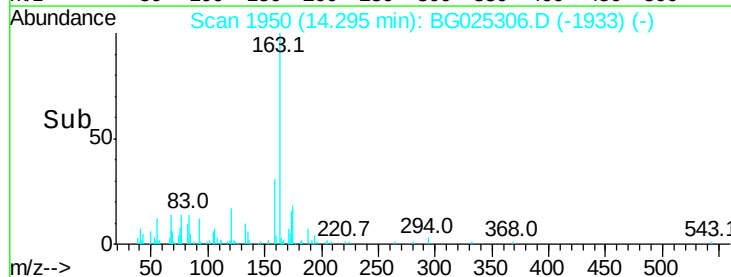
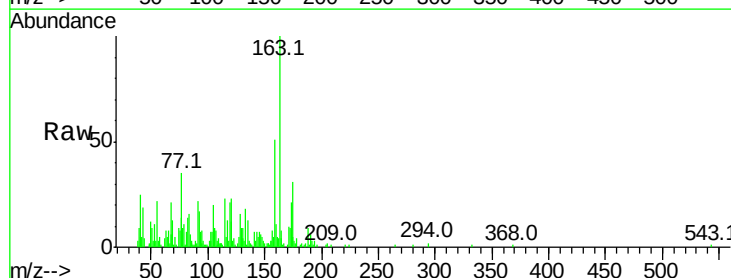
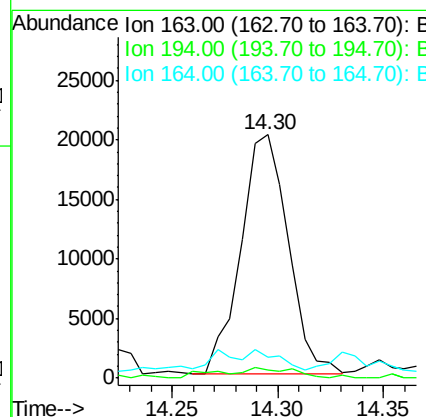
RT: 14.30 min Scan# 1950

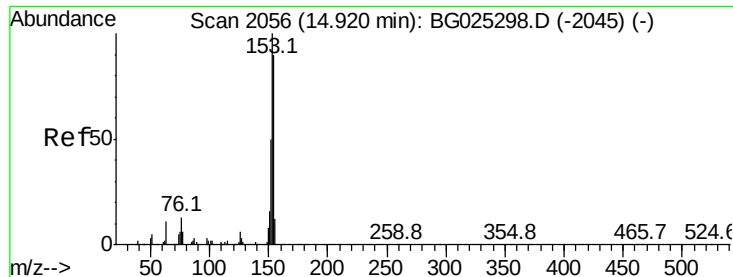
Delta R.T. -0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Tgt Ion:	163	Resp:	31294
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.4	5.0#
164	8.4	9.0	13.4#





#49

Acenaphthene

Concen: 1.89 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Instrument :

BNA_G

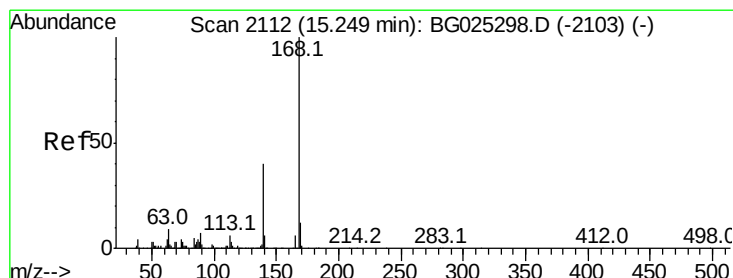
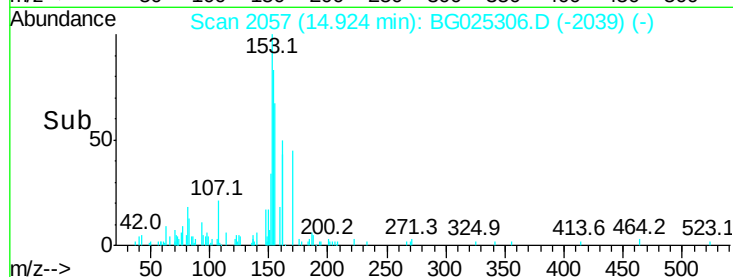
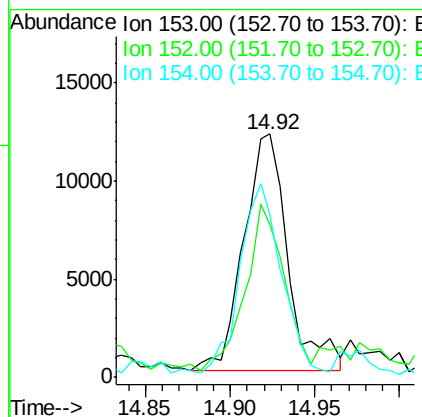
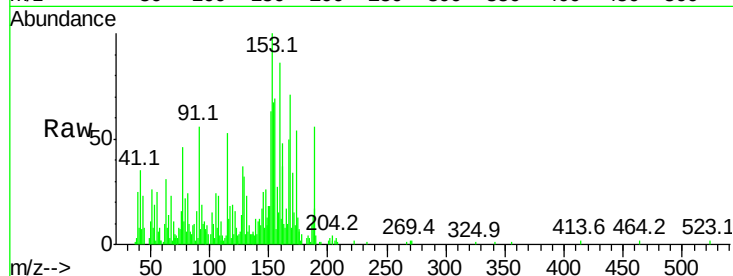
ClientSampleId :

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Tot Ion:	153	Resp:	21813
Ion Ratio	Lower	Upper	
153	100		
152	62.6	36.5	54.7#
154	67.1	72.3	108.5#

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#53

Dibenzofuran

Concen: 3.09 ng/ul

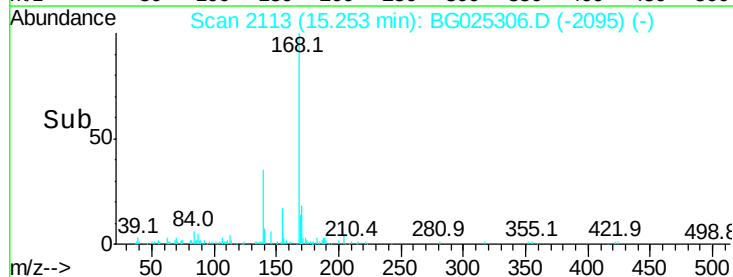
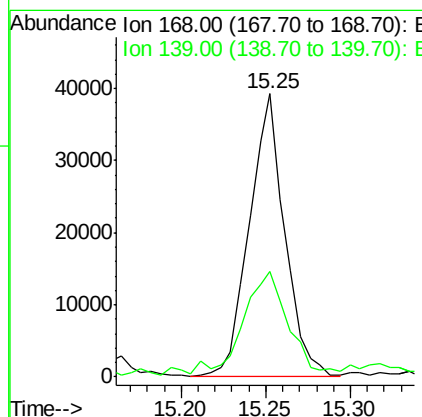
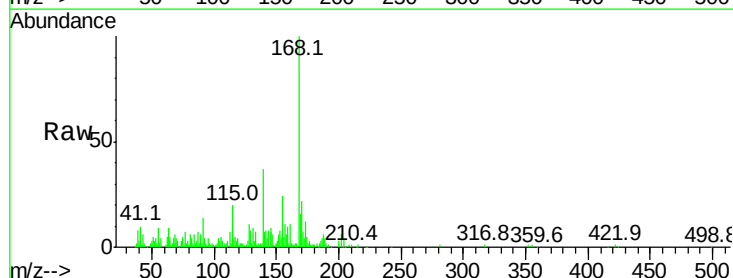
RT: 15.25 min Scan# 2113

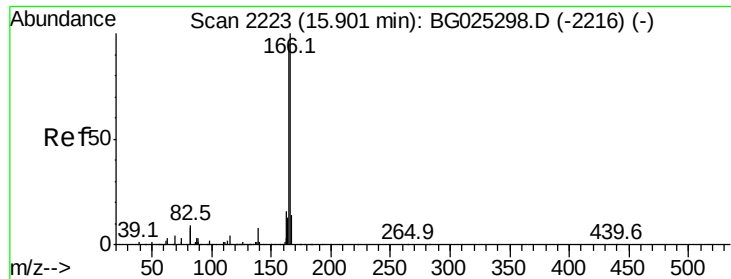
Delta R.T. 0.00 min

Lab File: BG025306.D

Acq: 18 Dec 2016 11:54

Tgt Ion:	168	Resp:	56404
Ion Ratio	Lower	Upper	
168	100		
139	37.1	33.8	50.8





#58
 Fluorene
 Concen: 3.98 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG025306.D
 Acq: 18 Dec 2016 11:54

Instrument :
 BNA_G
 ClientSampleId :
 DA817DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.5	79.7	119.5
167	15.7	11.4	17.2

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