

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025278.D
 Acq On : 17 Dec 2016 17:31
 Operator : UM/SJ
 Sample : H6040-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8W9

Manual Integrations
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Quant Time: Dec 18 01:15:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	74188	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	293187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	230776	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	491274	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	653356	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	671246	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	42233	29.40	ng/uL	-0.01
5) Phenol-d5	7.40	99	179430	28.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	121777	30.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	131146	29.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	149199	27.89	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67836	32.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	76917	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	146291	29.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	139216m	28.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	466631	29.40	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	531069	30.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	96041	35.20	ng/ul	0.00
57) Fluorene-d10	15.85	176	431581	28.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	106468	35.05	ng/ul	0.00
70) Anthracene-d10	17.70	188	687073	33.14	ng/ul	0.00
76) Pyrene-d10	19.98	212	852313	31.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	875067	32.17	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	137208	20.89	ng/ul#	94
11) 2-Methylphenol	8.68	108	259255	53.60	ng/ul	90
14) Acetophenone	9.07	105	39038	4.80	ng/ul	92
16) 4-Methylphenol	9.02	108	905266	168.23	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	1145701m	190.82	ng/ul	
28) Naphthalene	11.12	128	315075	23.12	ng/ul	95
34) 2-Methylnaphthalene	12.70	142	264750	24.62	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	51497	3.68	ng/ul	92
44) Dimethylphthalate	14.30	163	86658	5.55	ng/ul#	98
53) Dibenzofuran	15.25	168	52522	2.87	ng/ul	95
58) Fluorene	15.90	166	64036	4.29	ng/ul	99
69) Phenanthrene	17.64	178	68454	2.92	ng/ul	95

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

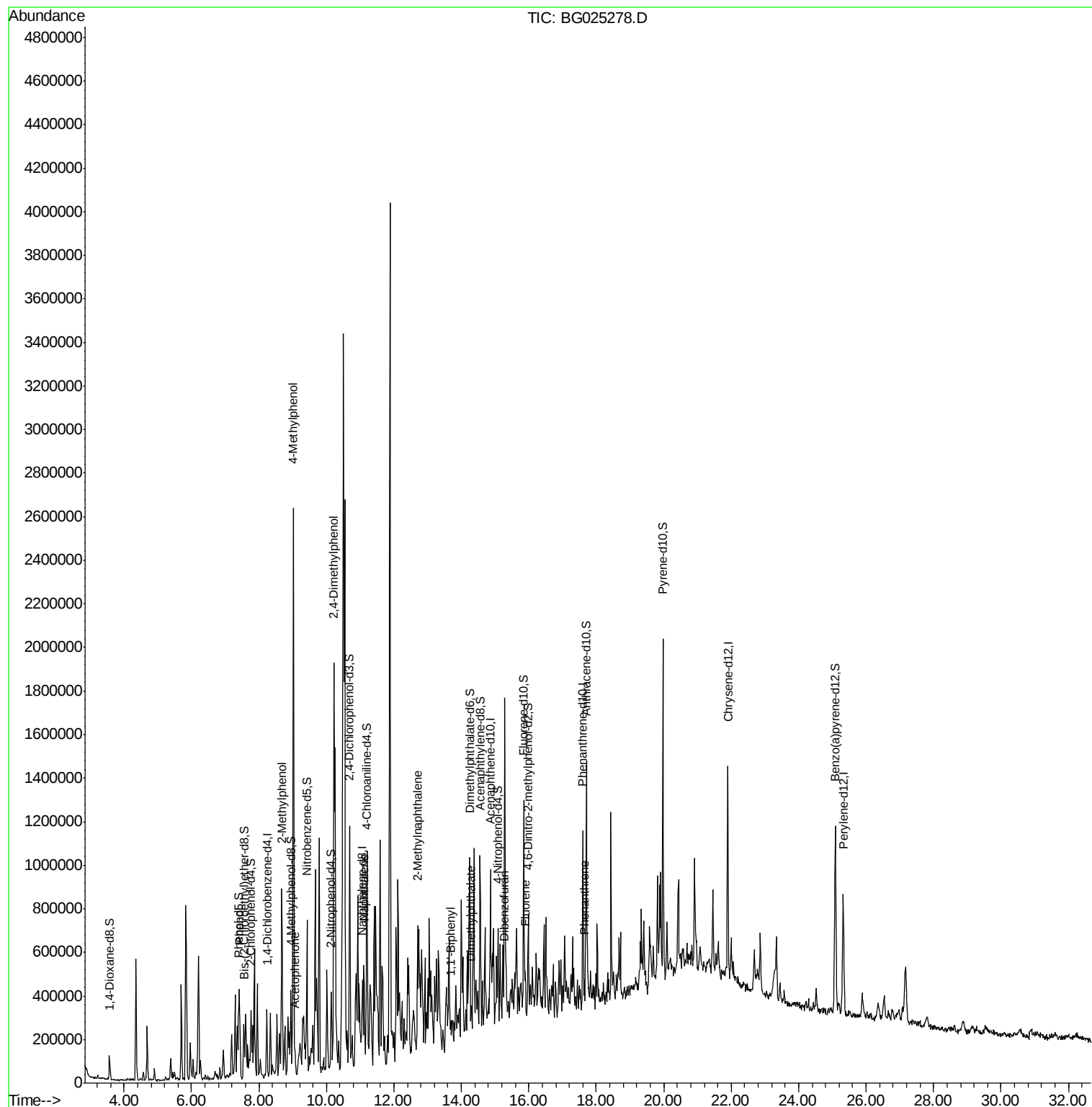
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

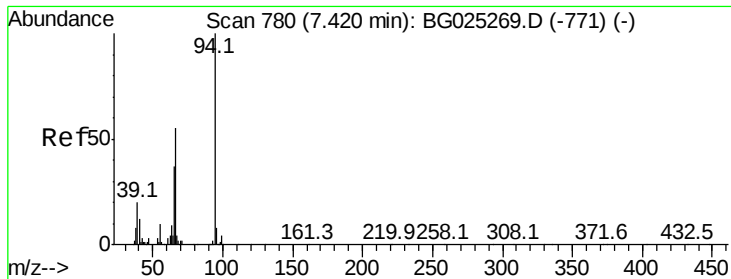
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 18 01:15:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:18:21 2016
Response via : Initial Calibration





#6

Phenol

Concen: 20.89 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025278.D

Acq: 17 Dec 2016 17:31

Instrument :

BNA_G

ClientSampleId :

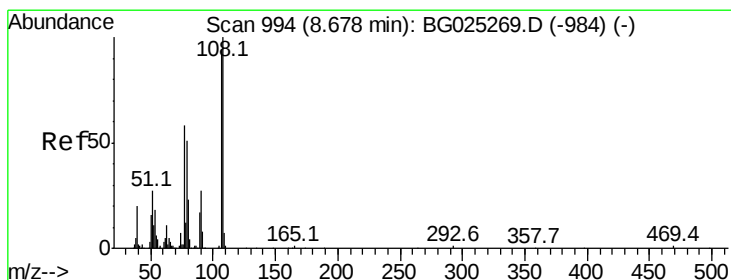
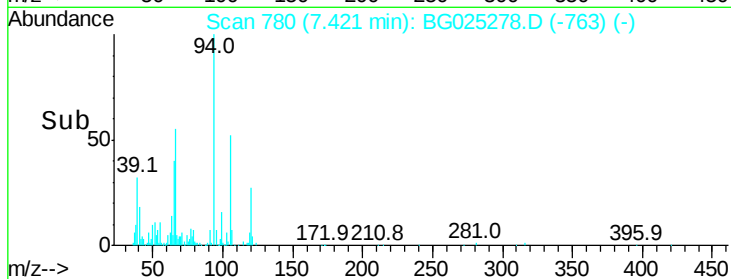
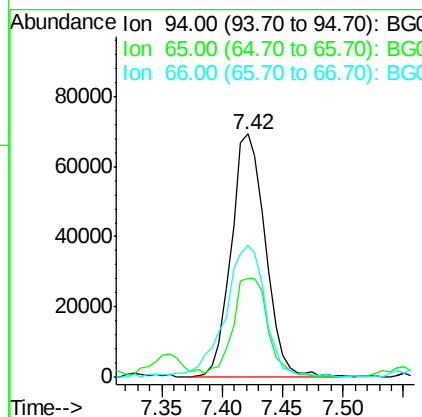
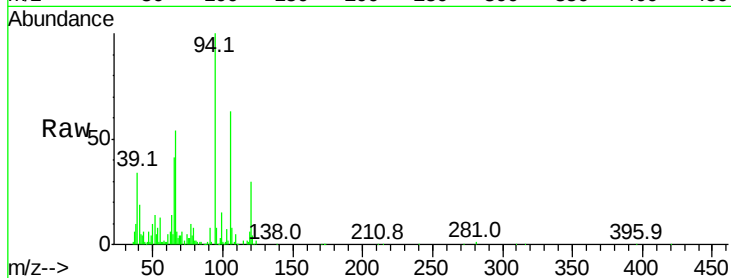
DA8W9

Tot Ion: 94 Resp: 137208

Ion	Ratio	Lower	Upper
94	100		
65	40.5	26.8	40.2#
66	54.2	44.4	66.6

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#11

2-Methylphenol

Concen: 53.60 ng/ul

RT: 8.68 min Scan# 994

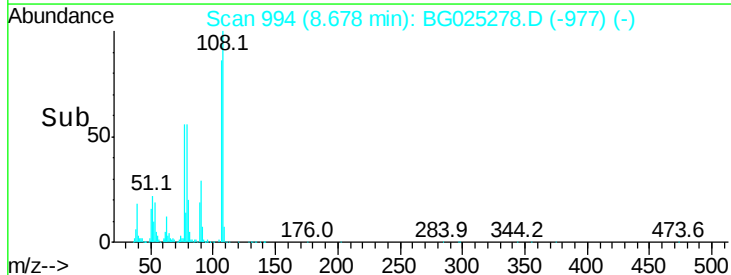
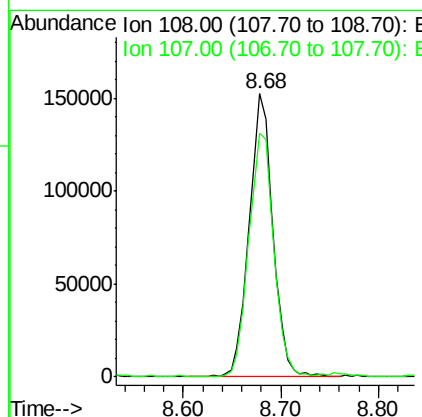
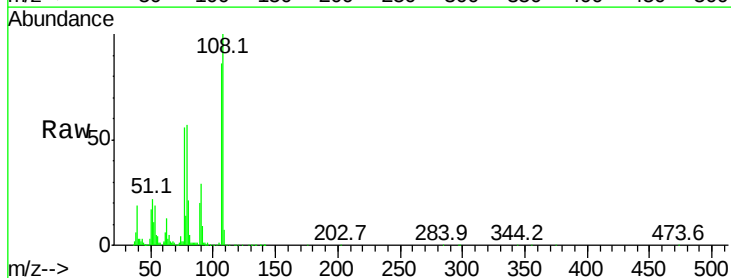
Delta R.T. 0.00 min

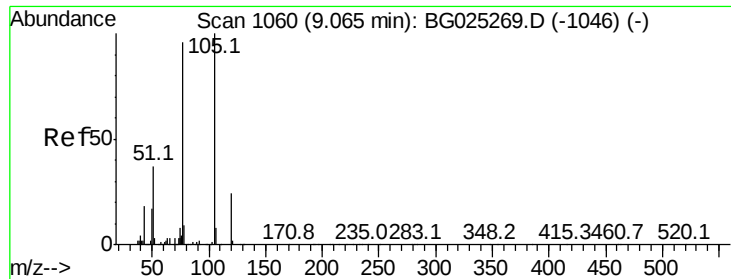
Lab File: BG025278.D

Acq: 17 Dec 2016 17:31

Tgt Ion: 108 Resp: 259255

Ion	Ratio	Lower	Upper
108	100		
107	86.3	76.7	115.1





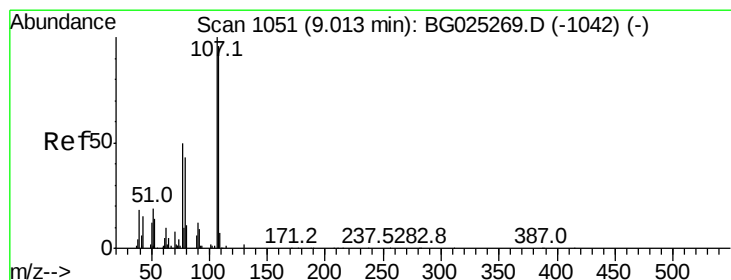
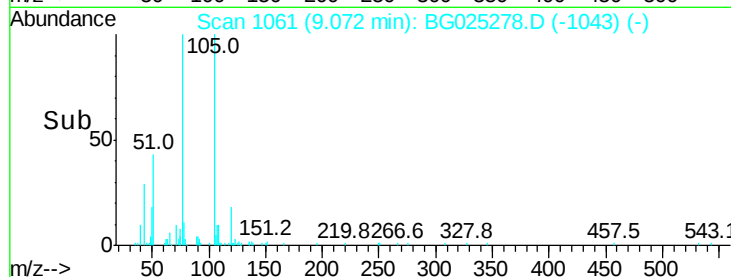
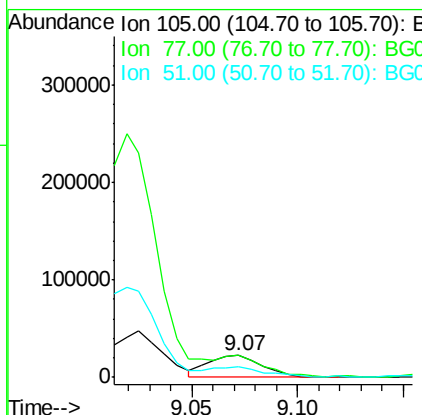
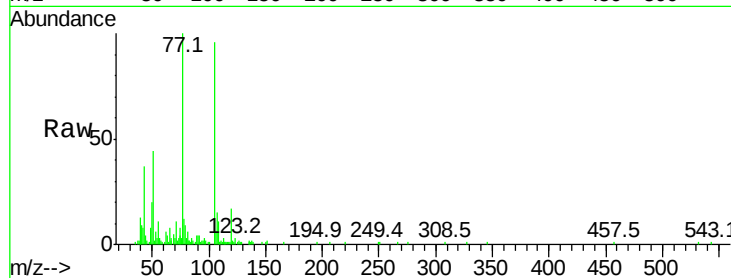
#14
Acetophenone
Concen: 4.80 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BG025278.D
Acq: 17 Dec 2016 17:31

Instrument :
BNA_G
ClientSampleId :
DA8W9

Tot Ion	Ratio	Lower	Upper
105	100		
77	104.3	76.0	114.0
51	46.3	34.8	52.2

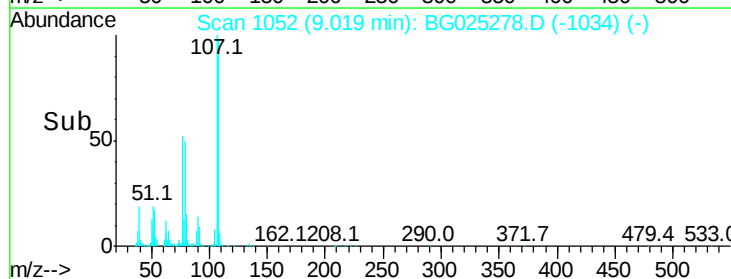
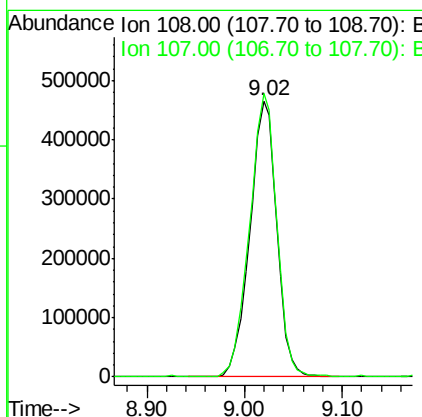
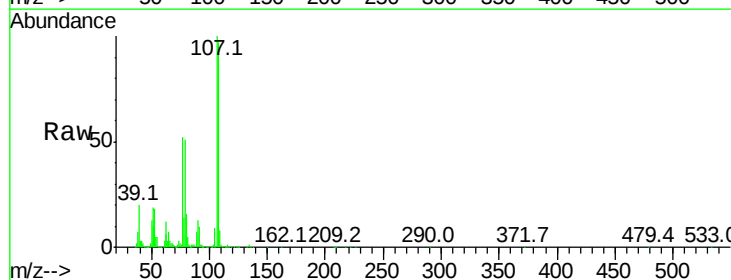
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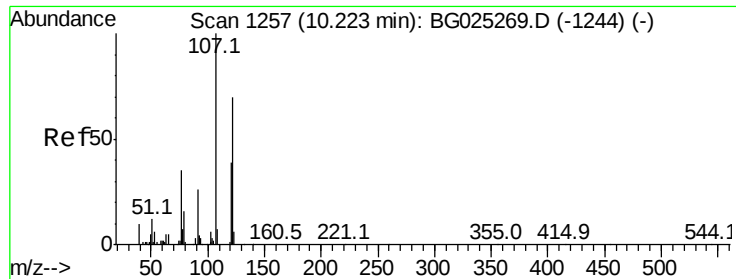
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#16
4-Methylphenol
Concen: 168.23 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025278.D
Acq: 17 Dec 2016 17:31

Tgt Ion	Ratio	Lower	Upper
108	100		
107	102.6	91.7	137.5





#24

2,4-Dimethylphenol

Concen: 190.82 ng/ul

RT: 10.22 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG025278.D

Acq: 17 Dec 2016 17:31

Instrument :

BNA_G

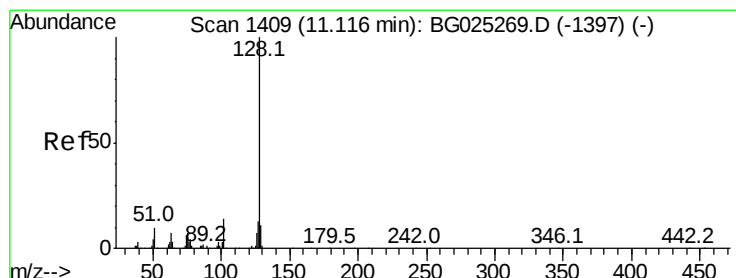
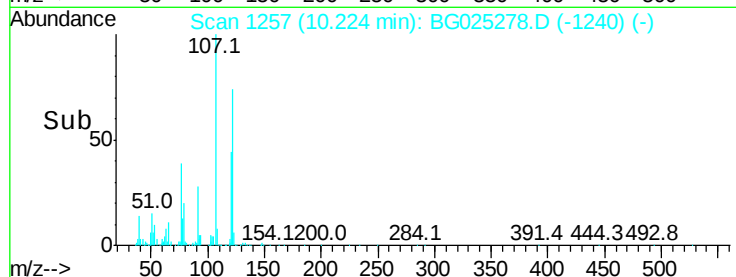
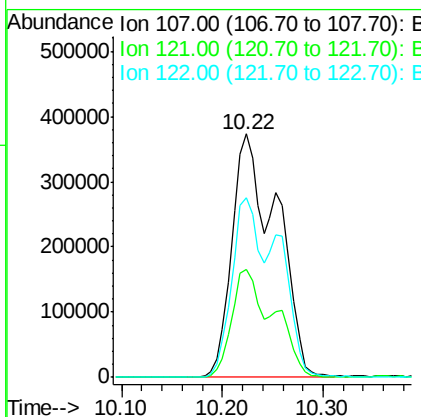
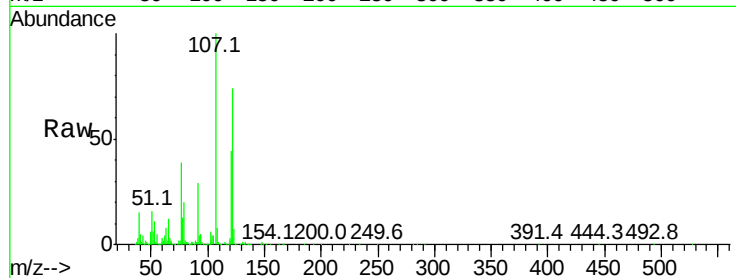
ClientSampleId :

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Tot Ion:	107	Resp:	1145701
Ion	Ratio	Lower	Upper
107	100		
121	44.4	32.3	48.5
122	73.6	61.2	91.8

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#28

Naphthalene

Concen: 23.12 ng/ul

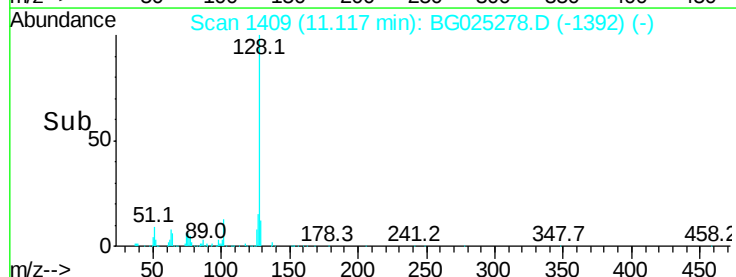
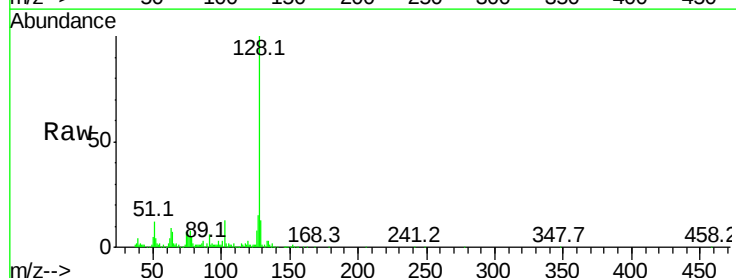
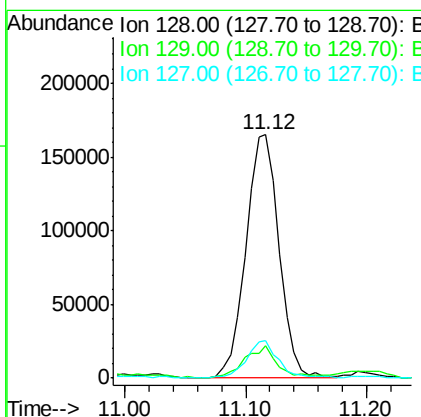
RT: 11.12 min Scan# 1409

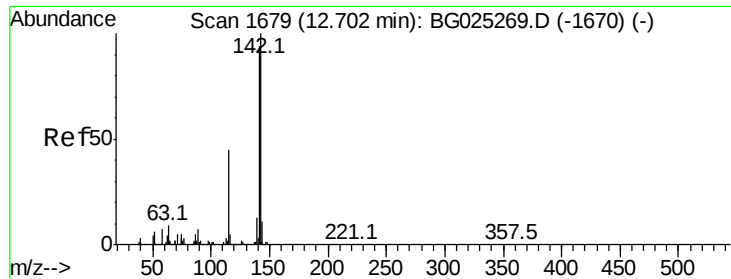
Delta R.T. 0.00 min

Lab File: BG025278.D

Acq: 17 Dec 2016 17:31

Tgt Ion:	128	Resp:	315075
Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.4	14.2
127	15.2	10.3	15.5





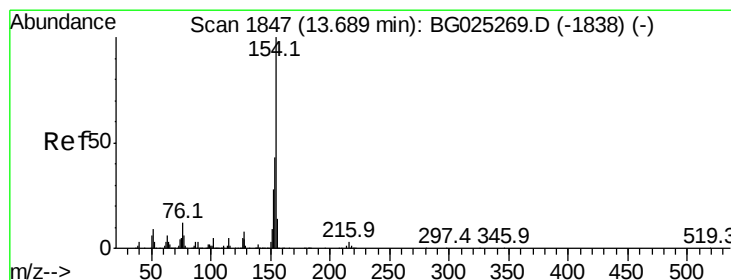
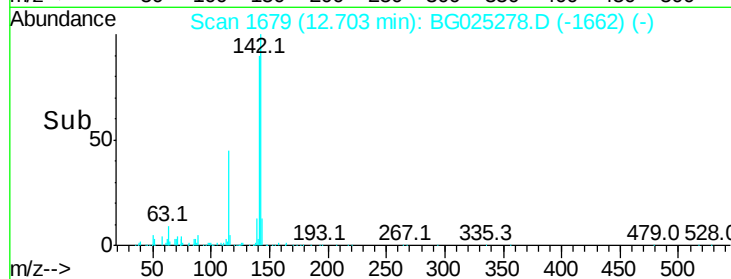
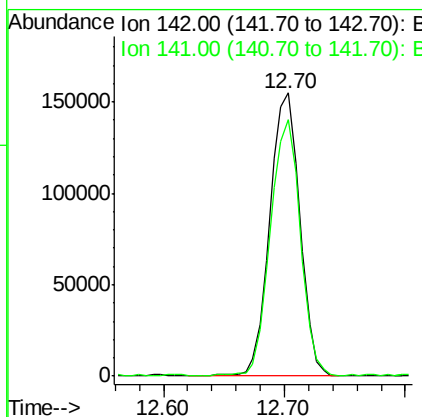
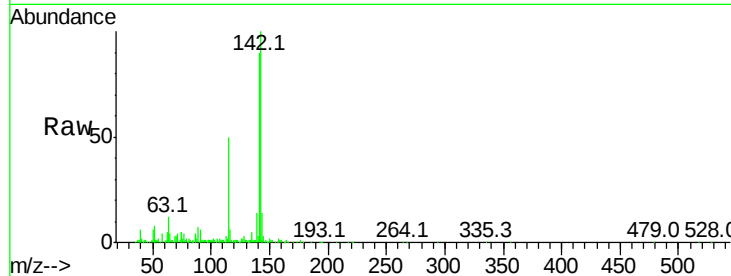
#34
2-Methylnaphthalene
Concen: 24.62 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025278.D
Acq: 17 Dec 2016 17:31

Instrument :
BNA_G
ClientSampleId :
DA8W9

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	68.6	102.8

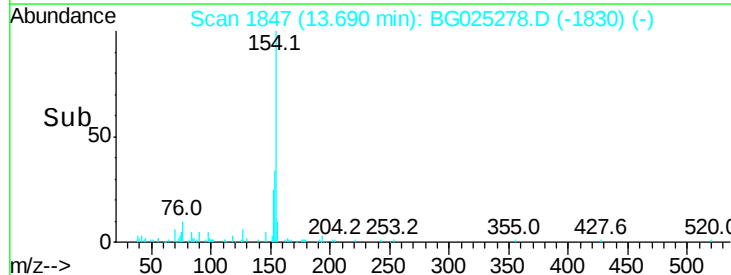
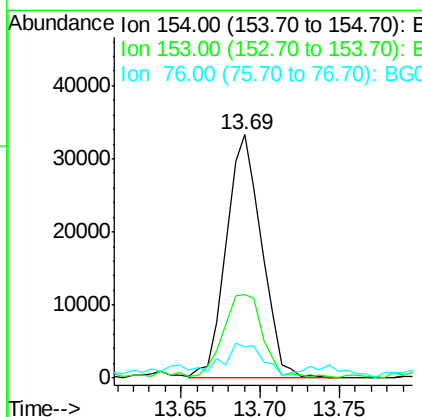
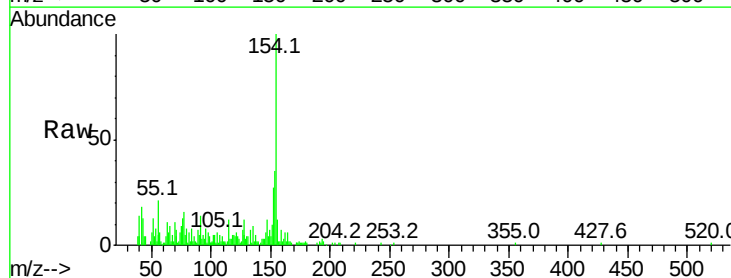
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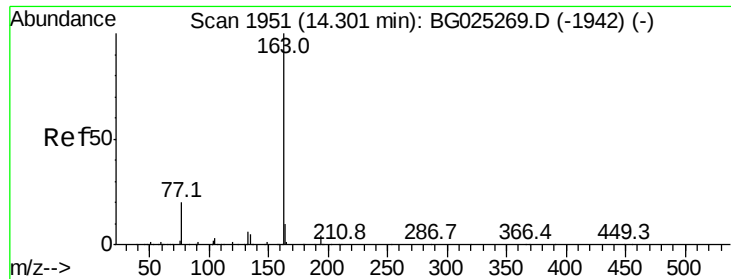
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#40
1,1'-Biphenyl
Concen: 3.68 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025278.D
Acq: 17 Dec 2016 17:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	34.5	32.2	48.2
76	12.7	9.6	14.4





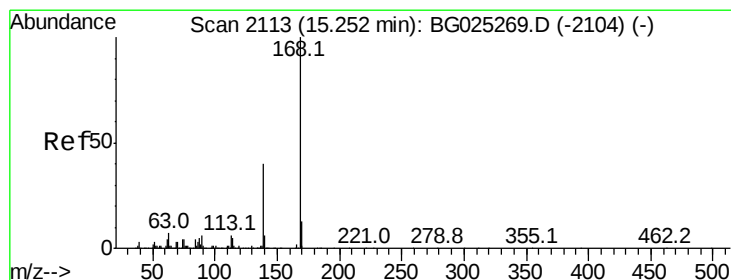
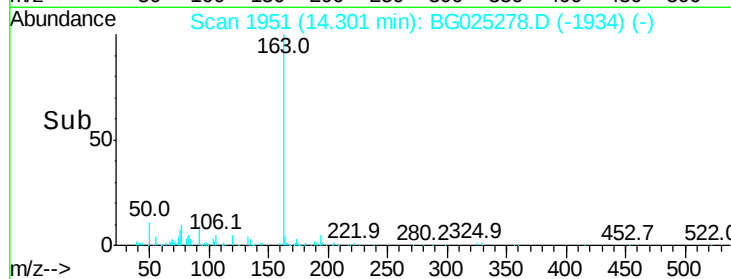
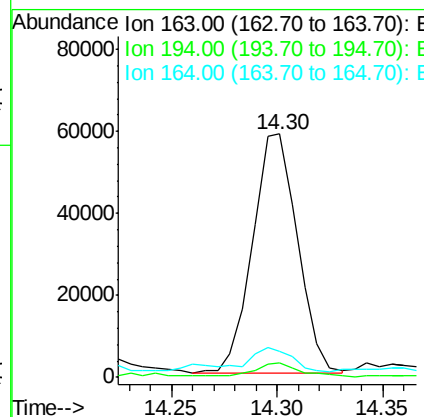
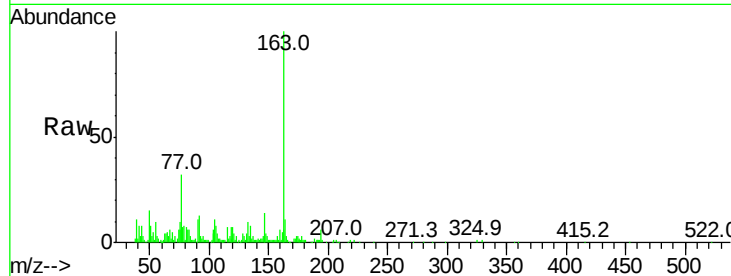
#44
Dimethylphthalate
Concen: 5.55 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025278.D
Acq: 17 Dec 2016 17:31

Instrument :
BNA_G
ClientSampleId :
DA8W9

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.0#
164	10.9	9.0	13.4

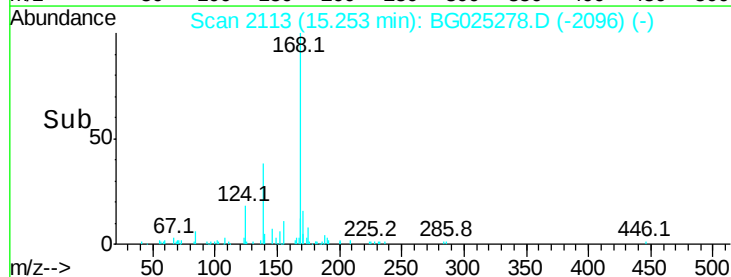
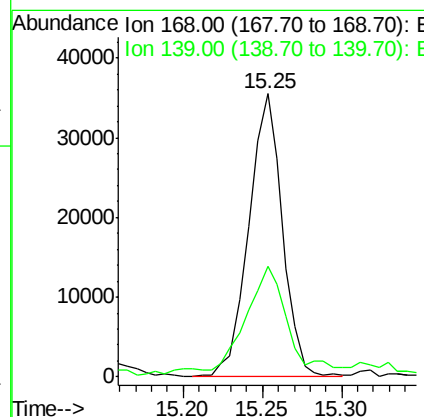
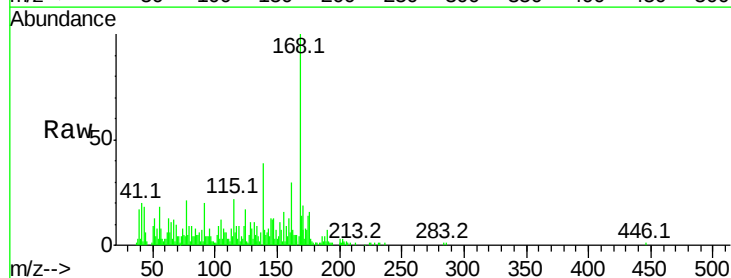
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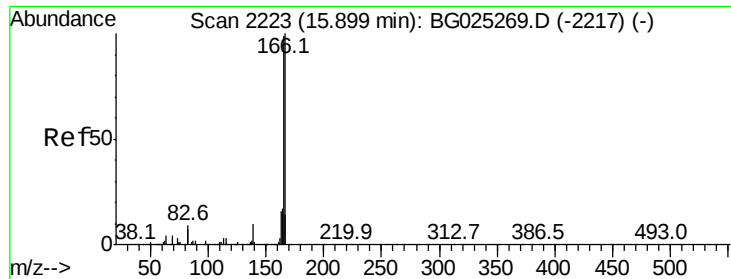
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#53
Dibenzofuran
Concen: 2.87 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025278.D
Acq: 17 Dec 2016 17:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	33.8	50.8





#58

Fluorene

Concen: 4.29 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG025278.D

Acq: 17 Dec 2016 17:31

Instrument :

BNA_G

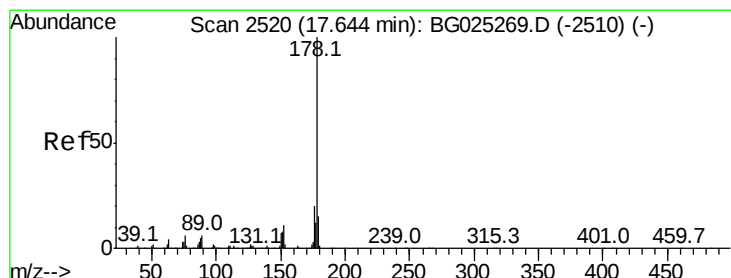
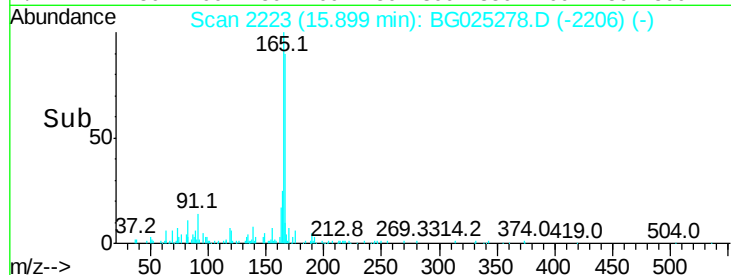
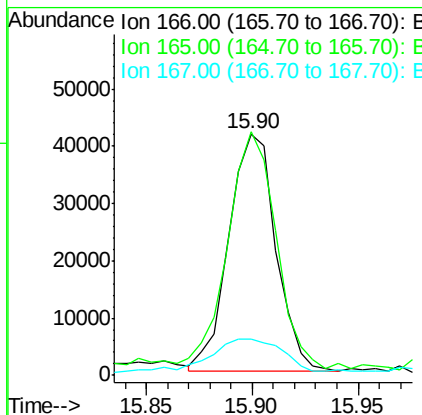
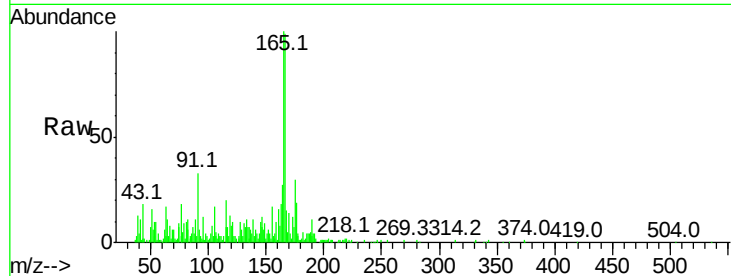
ClientSampleId :

DA8W9

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.7	119.5
167	15.1	11.4	17.2

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#69

Phenanthrene

Concen: 2.92 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025278.D

Acq: 17 Dec 2016 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.4	18.6
176	22.6	16.5	24.7

