

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020603.D
 Acq On : 30 Dec 2015 11:21
 Operator : UM/SJ
 Sample : G4846-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:33:09 PM

Quant Time: Dec 30 15:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	79592	20.00	ng/ul	0.07
36) Acenaphthene-d10	14.70	164	70864	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	156497	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	194689	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	190045	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	600	1.52	ng/uL	0.00
5) Phenol-d5	7.22	99	15728	7.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	39426	32.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	40527	26.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	30066	17.50	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	28998	47.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	33695	47.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	54860	40.46	ng/ul	0.03
29) 4-Chloroaniline-d4	11.08	131	1198	0.74	ng/ul	0.07
44) Dimethylphthalate-d6	14.11	166	189397	32.66	ng/ul	0.01
47) Acenaphthylene-d8	14.40	160	225645	34.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	6716	7.38	ng/ul	0.01
58) Fluorene-d10	15.69	176	173312	32.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	30760	32.41	ng/ul	0.01
71) Anthracene-d10	17.55	188	261012	35.80	ng/ul	0.00
79) Pyrene-d10	19.83	212	305136	34.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	349319	36.84	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.25	94	12062	5.59	ng/ul	89
11) 2-Methylphenol	8.51	108	79793	47.99	ng/ul	97
14) Acetophenone	8.90	105	44227	15.71	ng/ul#	91
16) 4-Methylphenol	8.85	108	150988	82.10	ng/ul	89
24) 2,4-Dimethylphenol	10.07	107	494025	311.52	ng/ul	100
28) Naphthalene	11.04	128	11406270	2706.12	ng/ul#	39
34) 2-Methylnaphthalene	12.56	142	2139182	678.27	ng/ul	95
41) 1,1'-Biophenyl	13.54	154	619751	116.23	ng/ul	99
48) Acenaphthylene	14.43	152	270897	38.61	ng/ul	98
50) Acenaphthene	14.79	153	2215320	466.61	ng/ul#	92
54) Dibenzofuran	15.11	168	1848764	257.67	ng/ul	89
59) Fluorene	15.76	166	1367996	237.03	ng/ul#	97
70) Phenanthrene	17.51	178	2093748m	246.09	ng/ul	
72) Anthracene	17.58	178	135895	15.62	ng/ul	99
75) Carbazole	17.88	167	2631659	358.37	ng/ul#	82
77) Fluoranthene	19.49	202	376495	36.22	ng/ul	100
80) Pyrene	19.86	202	218101	19.34	ng/ul	99

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

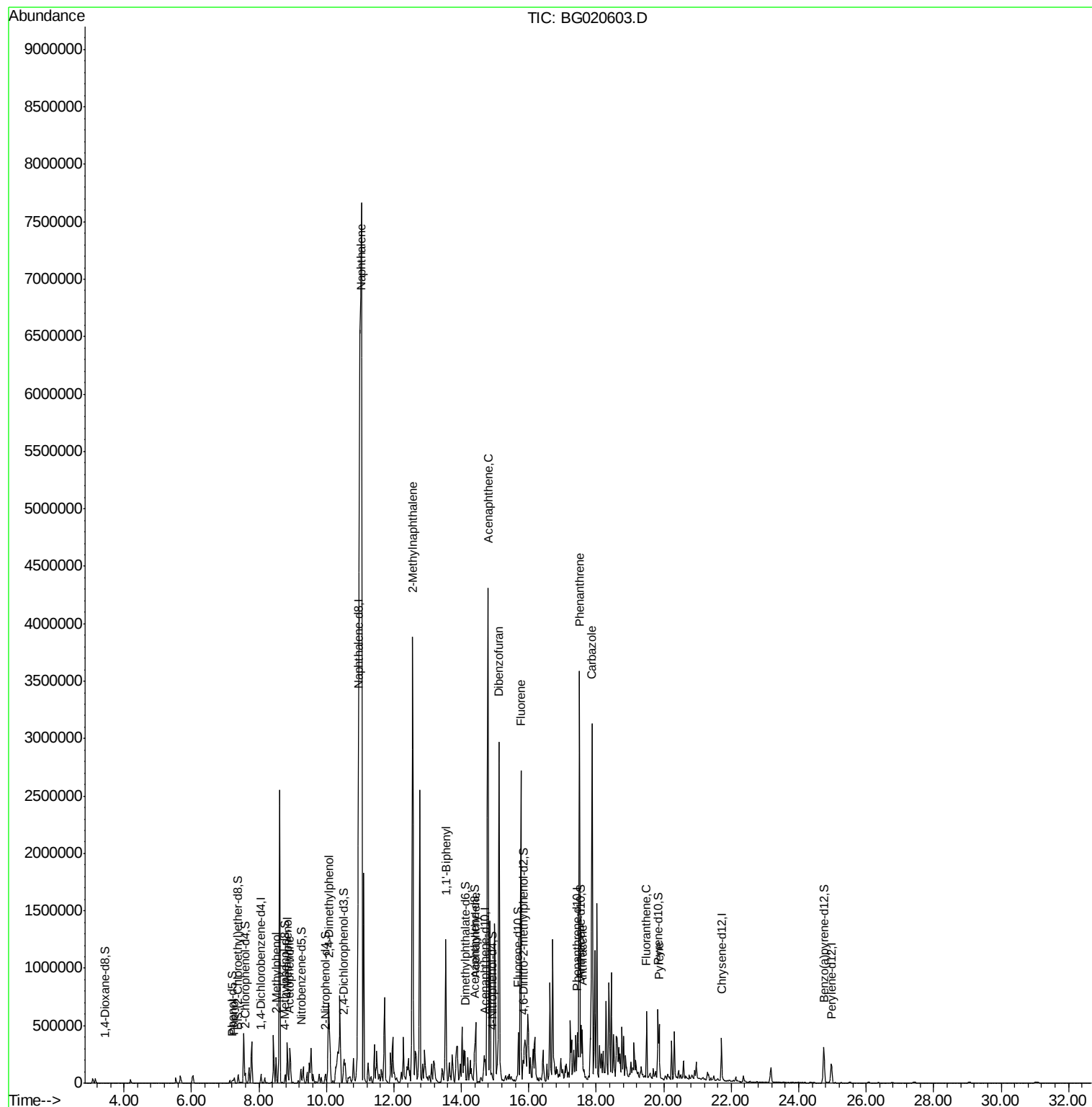
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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ALS Vial : 13 Sample Multiplier: 1

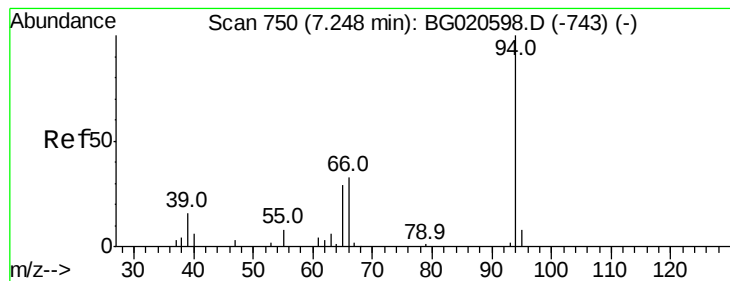
Instrument :
BNA_G
ClientSampleId :
D9N51

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration





#6

Phenol

Concen: 5.59 ng/ul

RT: 7.25 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Instrument :

BNA_G

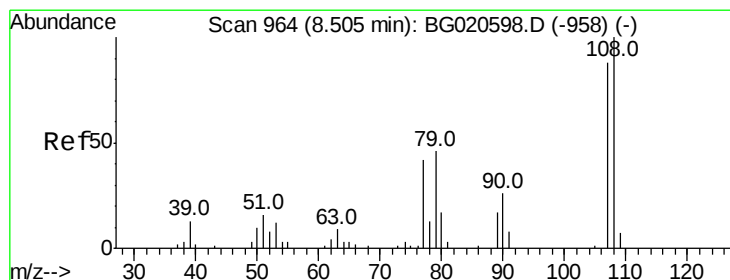
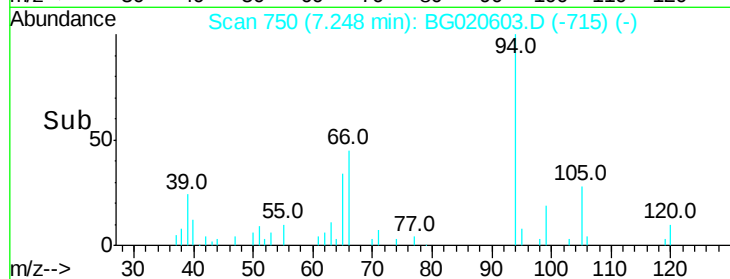
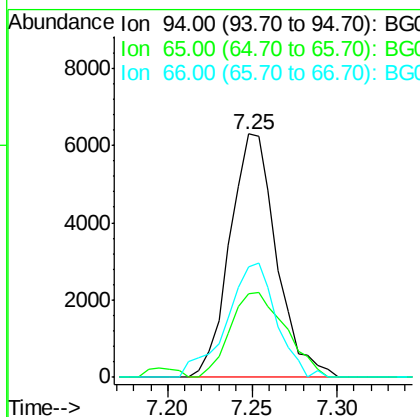
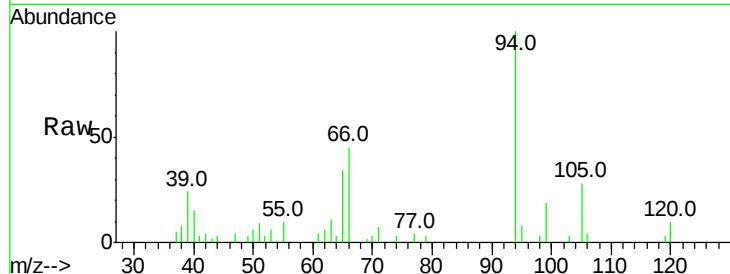
ClientSampleId :

D9N51

Tot Ion:	94	Resp:	12062
Ion Ratio	Lower	Upper	
94	100		
65	34.2	23.0	34.6
66	45.5	30.4	45.6

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#11

2-Methylphenol

Concen: 47.99 ng/ul

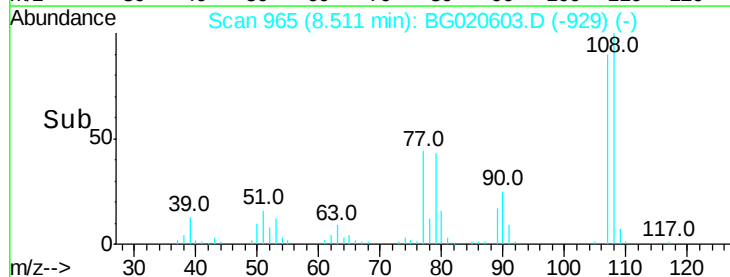
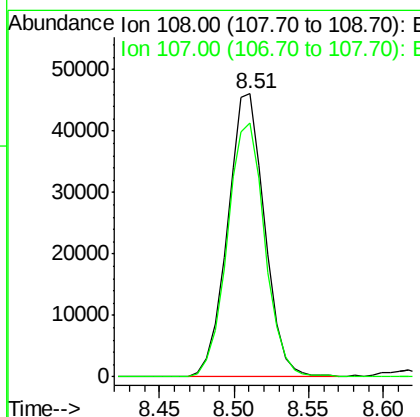
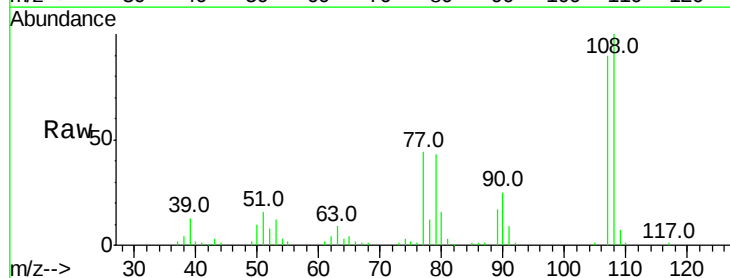
RT: 8.51 min Scan# 965

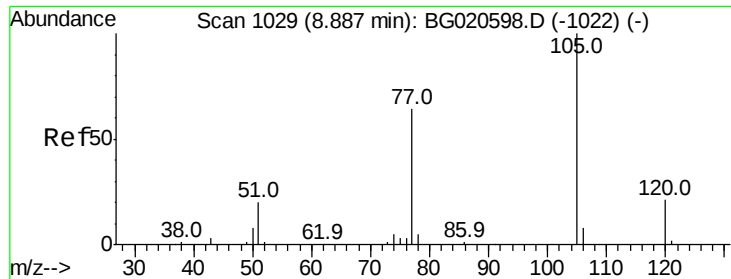
Delta R.T. 0.01 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Tgt Ion:	108	Resp:	79793
Ion Ratio	Lower	Upper	
108	100		
107	89.5	74.1	111.1





#14

Acetophenone

Concen: 15.71 ng/ul

RT: 8.90 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Instrument :

BNA_G

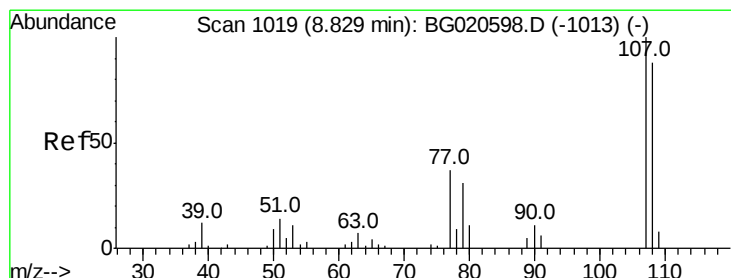
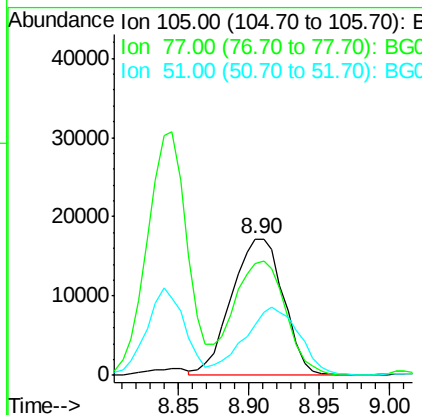
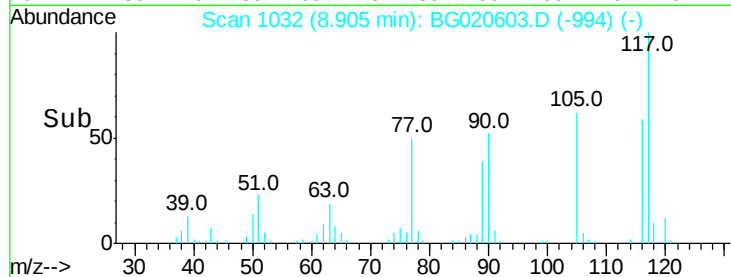
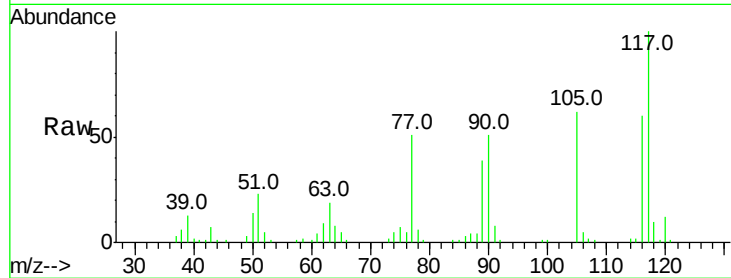
ClientSampled :

D9N51

Tot Ion:	105	Resp:	44227
Ion Ratio	Lower	Upper	
105	100		
77	82.3	63.2	94.8
51	36.8	19.8	29.8

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#16

4-Methylphenol

Concen: 82.10 ng/ul

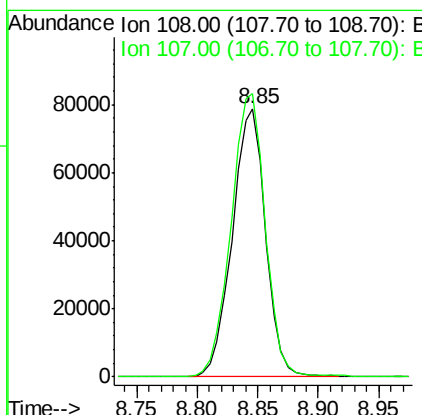
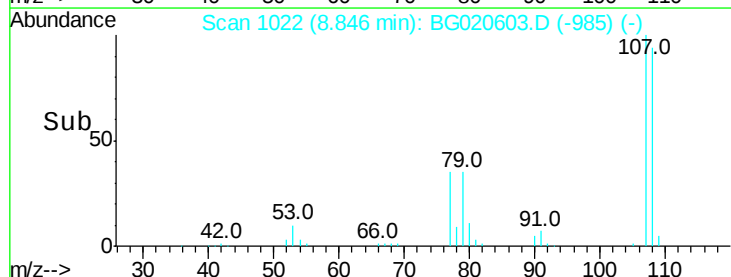
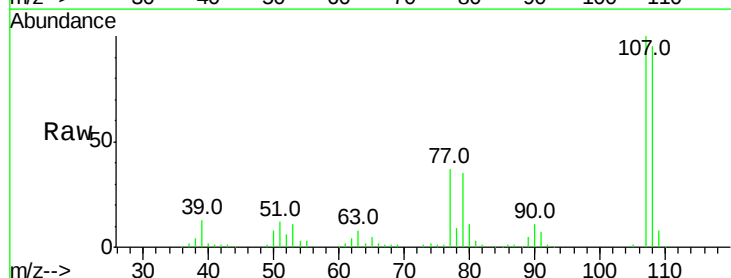
RT: 8.85 min Scan# 1022

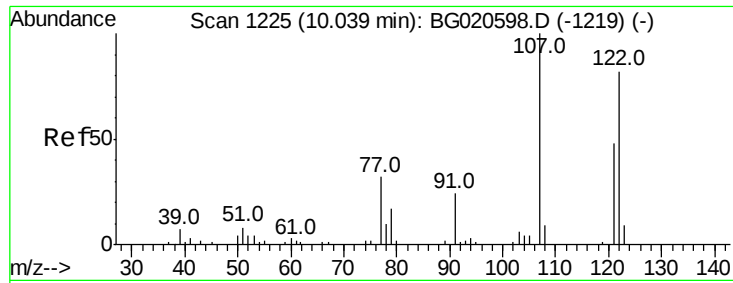
Delta R.T. 0.01 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Tgt Ion:	108	Resp:	150988
Ion Ratio	Lower	Upper	
108	100		
107	105.5	93.6	140.4





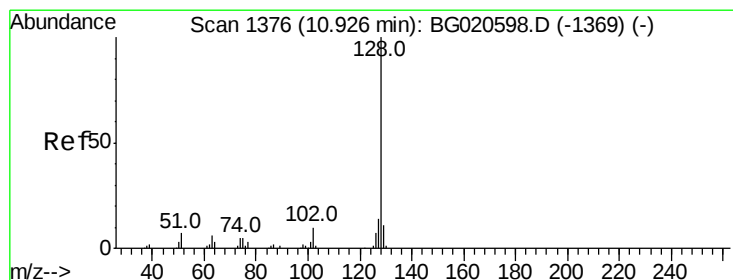
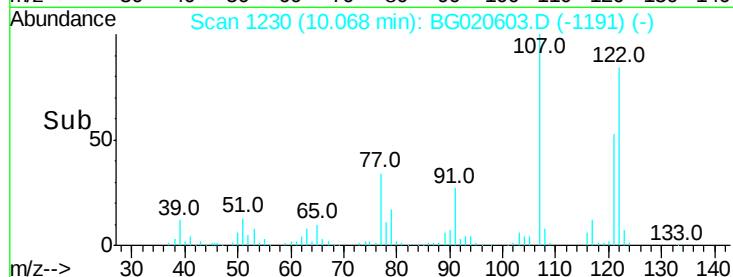
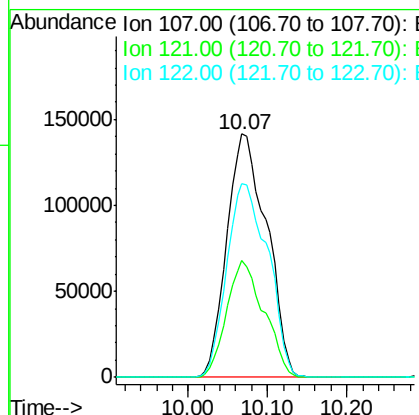
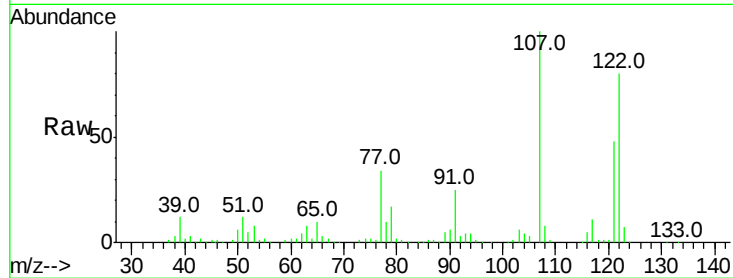
#24
 2,4-Dimethylphenol
 Concen: 311.52 ng/ul
 RT: 10.07 min Scan# 1230
 Delta R.T. 0.03 min
 Lab File: BG020603.D
 Acq: 30 Dec 2015 11:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Tot Ion:	107	Resp:	494025
Ion Ratio	Lower	Upper	
107	100		
121	47.8	38.1	57.1
122	79.8	63.8	95.8

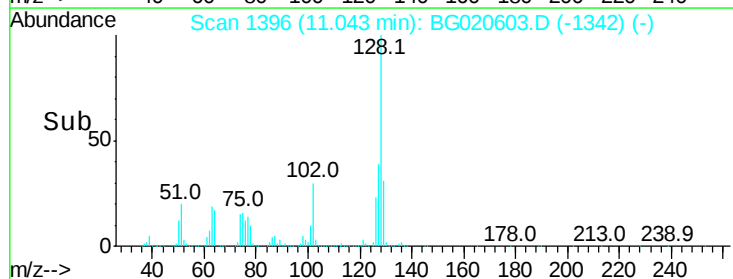
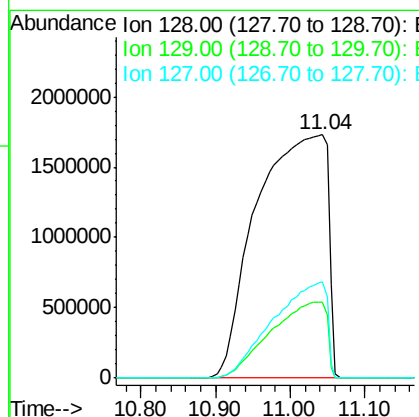
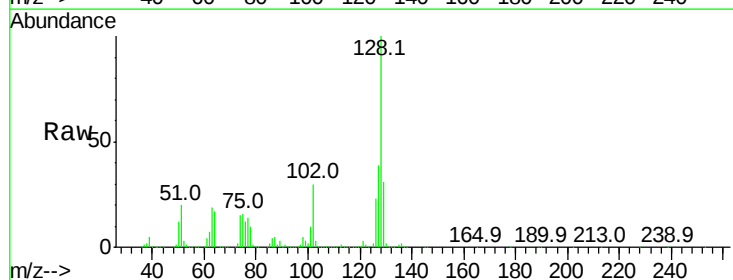
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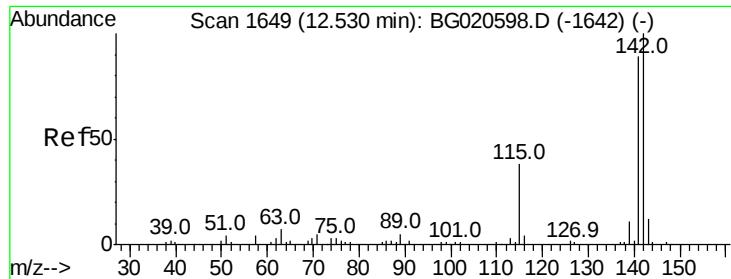
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#28
 Naphthalene
 Concen: 2706.12 ng/ul
 RT: 11.04 min Scan# 1396
 Delta R.T. 0.11 min
 Lab File: BG020603.D
 Acq: 30 Dec 2015 11:21

Tgt Ion:	128	Resp:	11406270
Ion Ratio	Lower	Upper	
128	100		
129	31.4	8.3	12.5#
127	39.5	10.8	16.2#





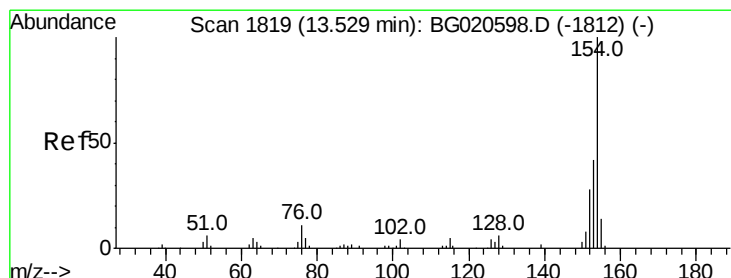
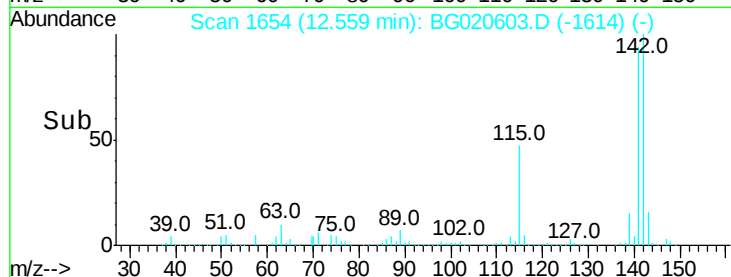
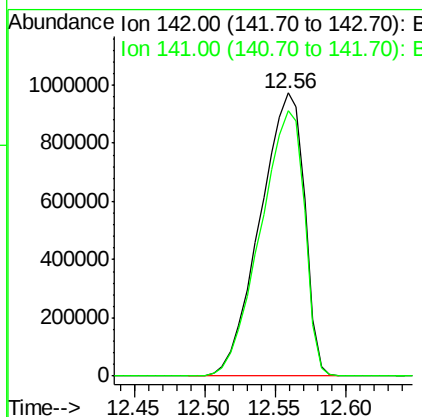
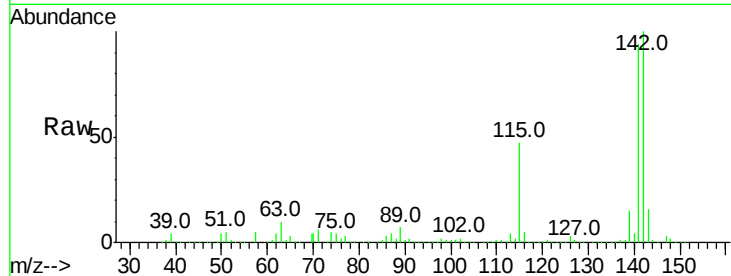
#34
2-Methylnaphthalene
Concen: 678.27 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.03 min
Lab File: BG020603.D
Acq: 30 Dec 2015 11:21

Instrument :
BNA_G
ClientSampleId :
D9N51

Tot Ion:142 Resp: 2139182
Ion Ratio Lower Upper
142 100
141 93.9 71.4 107.2

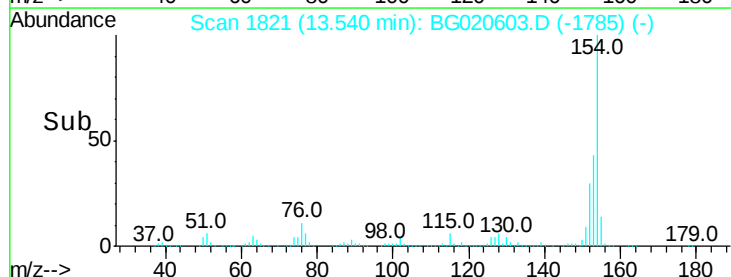
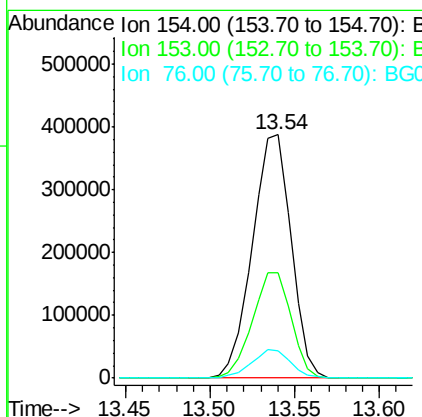
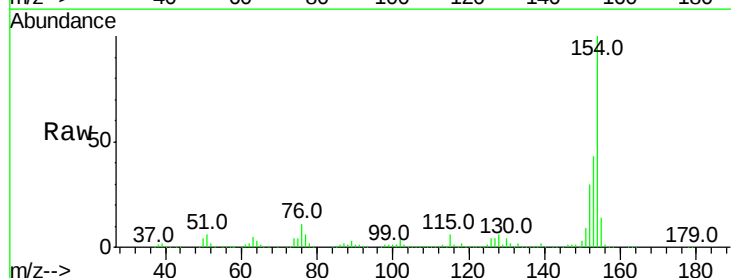
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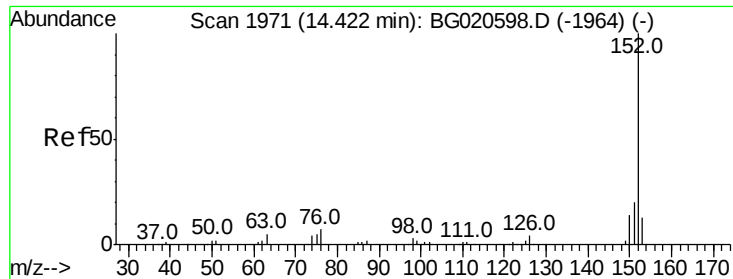
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#41
1,1'-Biphenyl
Concen: 116.23 ng/ul
RT: 13.54 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BG020603.D
Acq: 30 Dec 2015 11:21

Tgt Ion:154 Resp: 619751
Ion Ratio Lower Upper
154 100
153 43.2 34.0 51.0
76 11.4 8.4 12.6





#48

Acenaphthylene

Concen: 38.61 ng/ul

RT: 14.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Instrument :

BNA_G

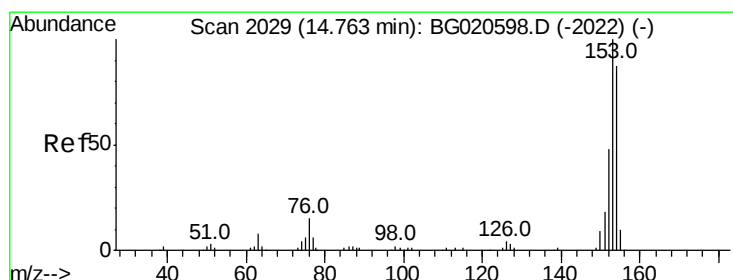
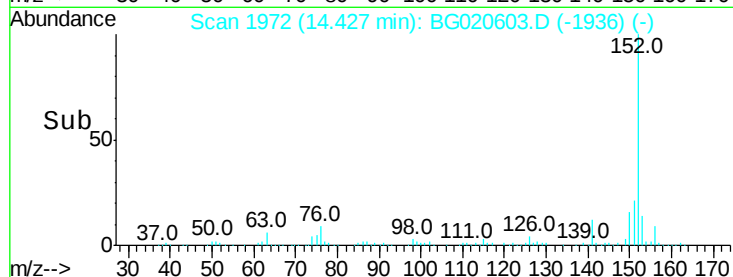
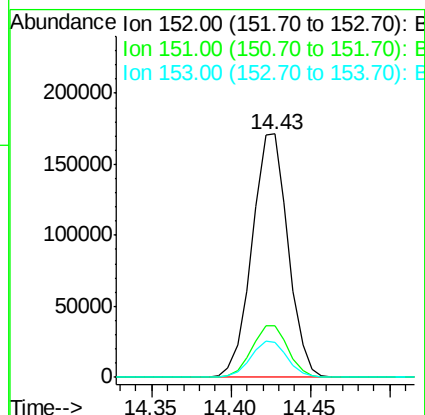
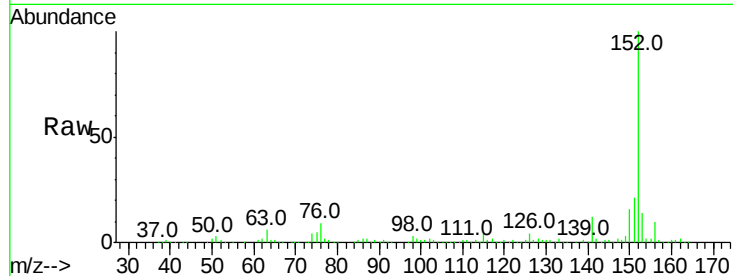
ClientSampleId :

D9N51

Tot Ion:	152	Resp:	270897
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.1	24.1
153	14.2	10.8	16.2

Manual Integrations
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#50

Acenaphthene

Concen: 466.61 ng/ul

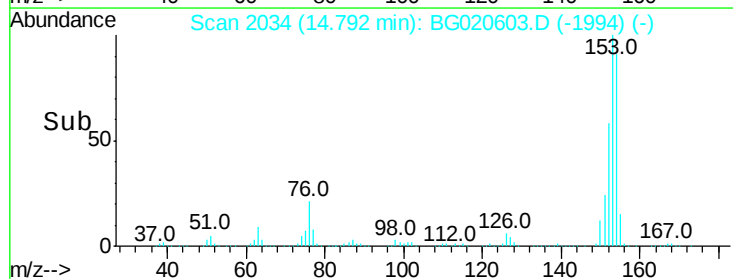
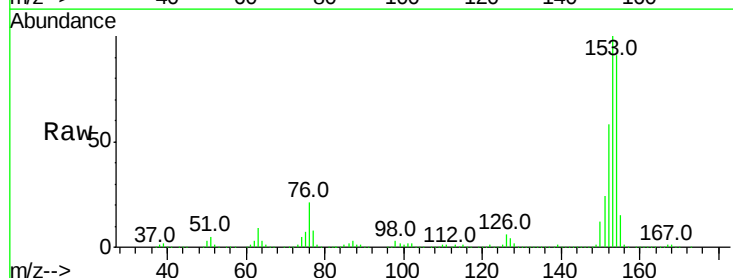
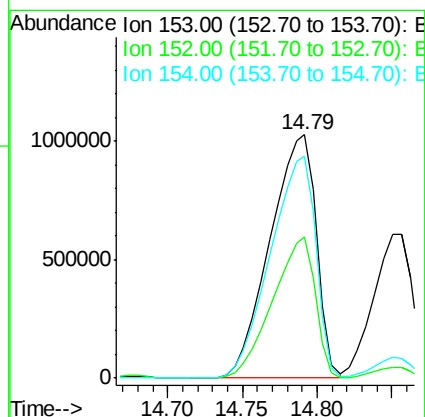
RT: 14.79 min Scan# 2034

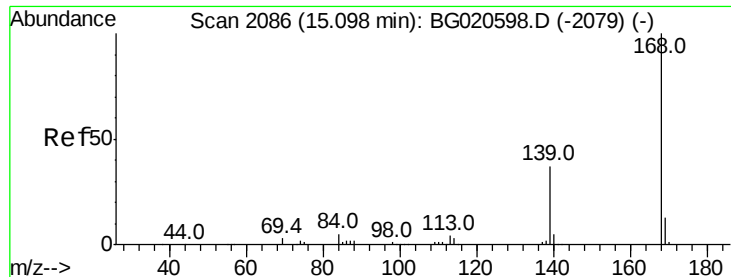
Delta R.T. 0.03 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Tgt Ion:	153	Resp:	2215320
Ion Ratio	Lower	Upper	
153	100		
152	57.8	37.9	56.9#
154	91.1	69.8	104.6





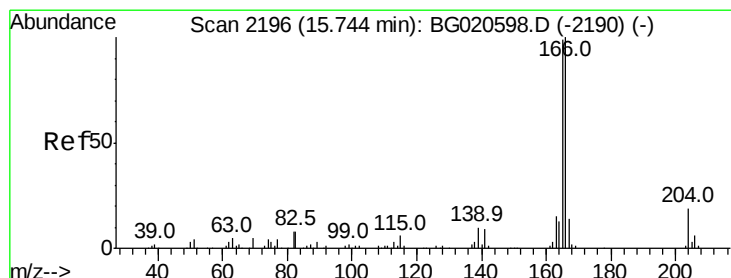
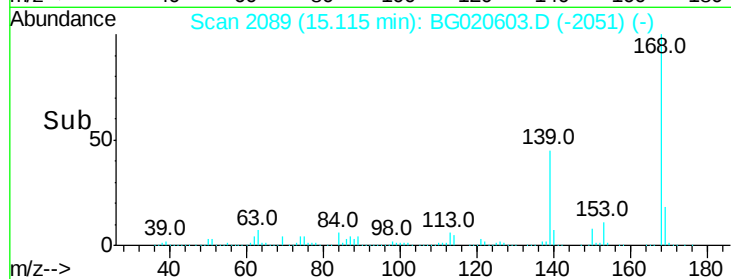
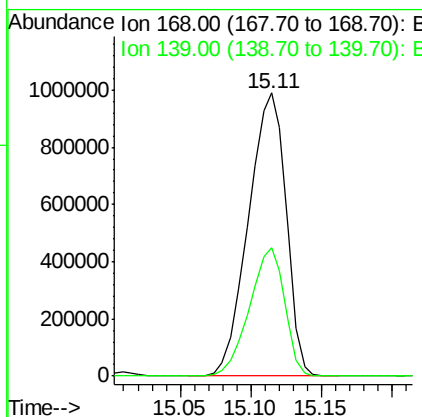
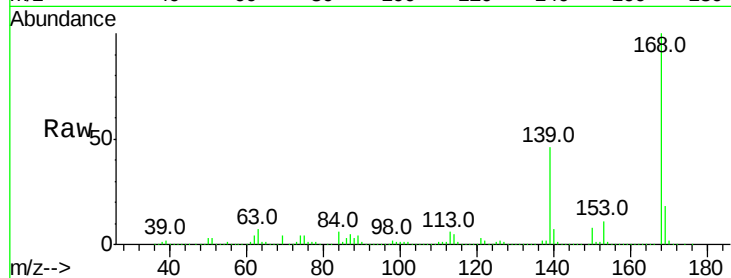
#54
Dibenzenofuran
Concen: 257.67 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.02 min
Lab File: BG020603.D
Acq: 30 Dec 2015 11:21

Instrument :
BNA_G
ClientSampleId :
D9N51

Tot Ion:168 Resp: 1848764
Ion Ratio Lower Upper
168 100
139 45.5 31.0 46.4

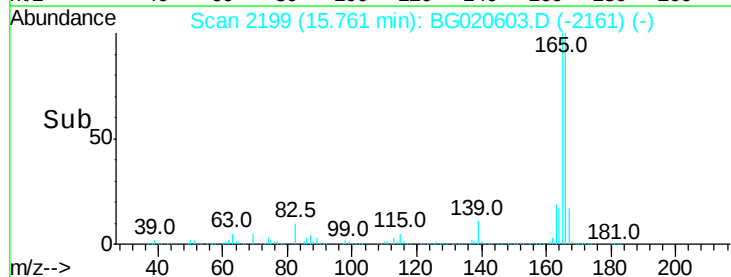
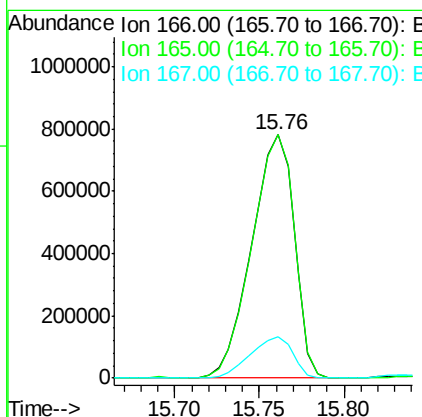
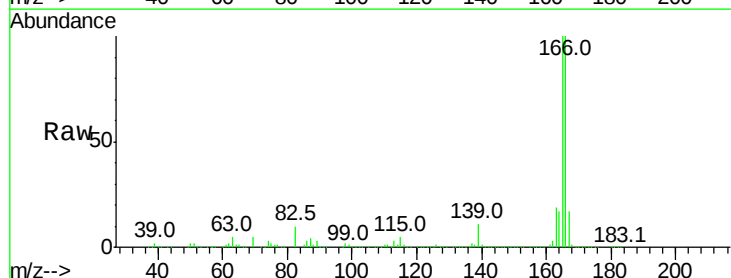
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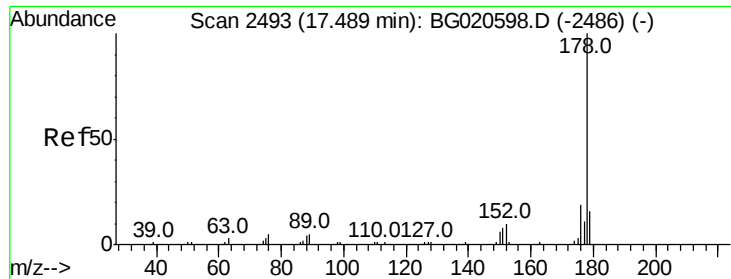
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#59
Fluorene
Concen: 237.03 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BG020603.D
Acq: 30 Dec 2015 11:21

Tgt Ion:166 Resp: 1367996
Ion Ratio Lower Upper
166 100
165 100.0 78.4 117.6
167 17.2 11.1 16.7#





#70

Phenanthrene

Concen: 246.09 ng/ul m

RT: 17.51 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Instrument :

BNA_G

ClientSampleId :

D9N51

Tot Ion:178 Resp: 2093748

Ion Ratio Lower Upper

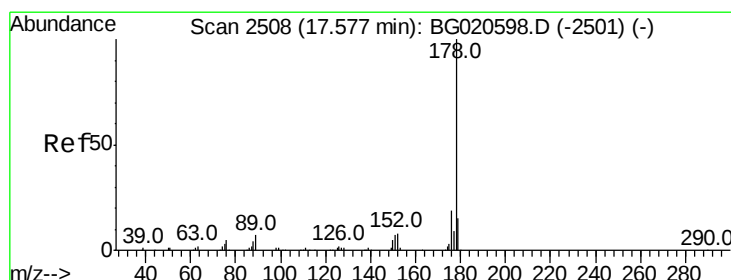
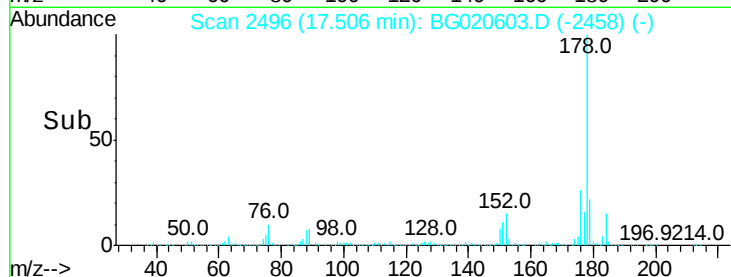
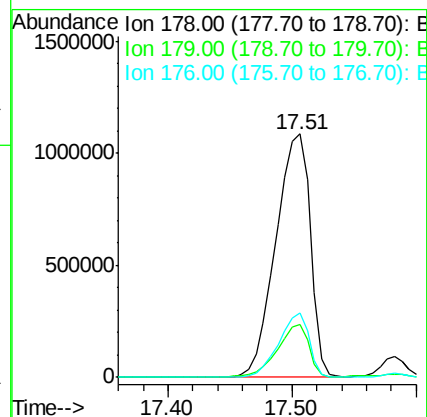
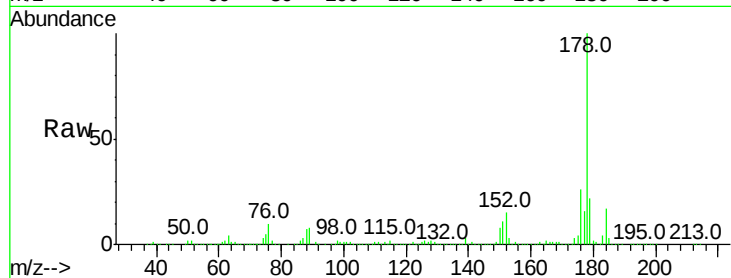
178 100

179 21.8 12.3 18.5#

176 26.4 15.4 23.0#

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#72

Anthracene

Concen: 15.62 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

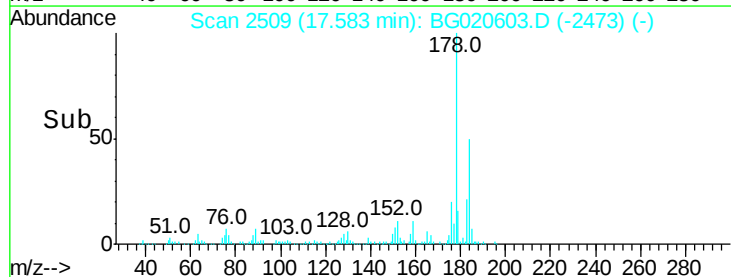
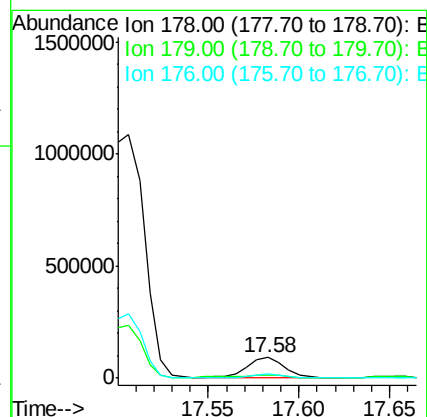
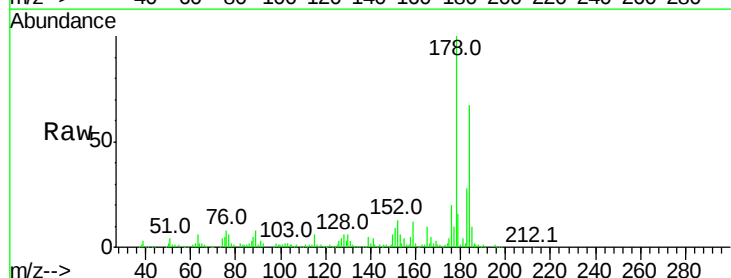
Tgt Ion:178 Resp: 135895

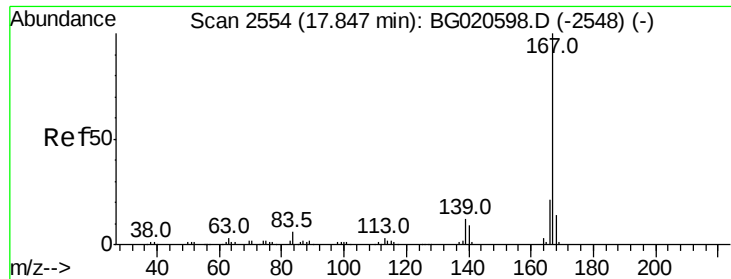
Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.2

176 19.5 15.4 23.0





#75

Carbazole

Concen: 358.37 ng/ul

RT: 17.88 min Scan# 2559

Delta R.T. 0.03 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

Instrument :

BNA_G

ClientSampleId :

D9N51

Tot Ion:167 Resp: 2631659

Ion Ratio Lower Upper

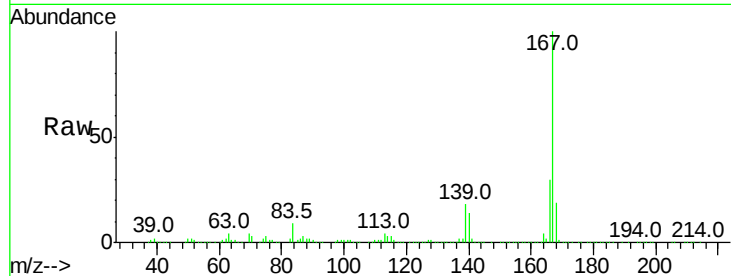
167 100

166 29.9 17.0 25.4#

139 17.7 9.1 13.7#

Manual Integrations
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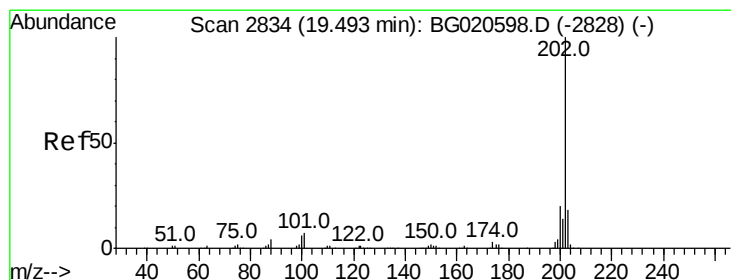
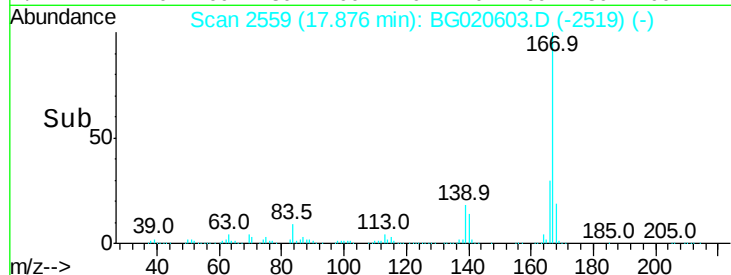
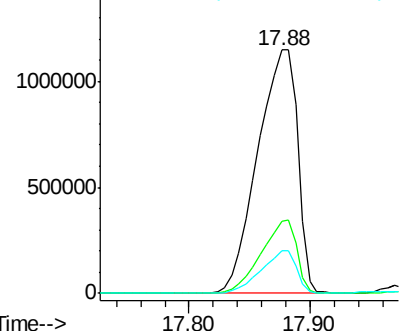
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 36.22 ng/ul

RT: 19.49 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG020603.D

Acq: 30 Dec 2015 11:21

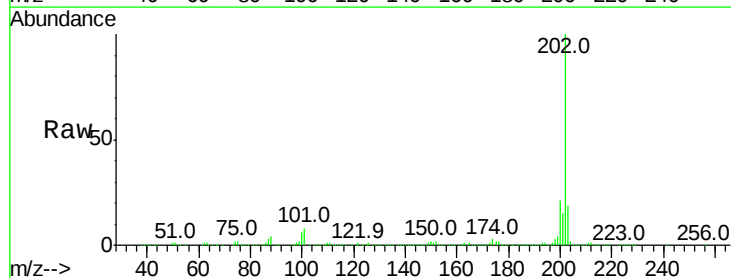
Tgt Ion:202 Resp: 376495

Ion Ratio Lower Upper

202 100

101 7.6 6.1 9.1

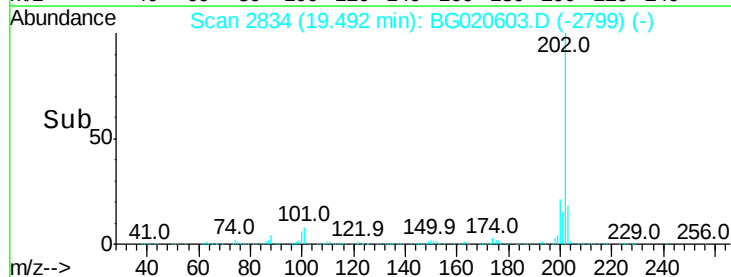
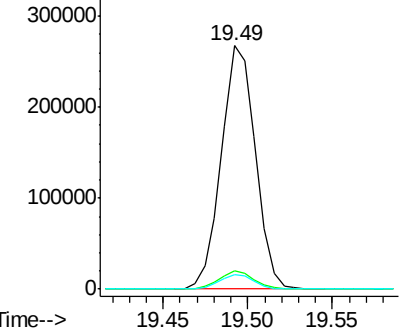
100 5.7 4.6 7.0

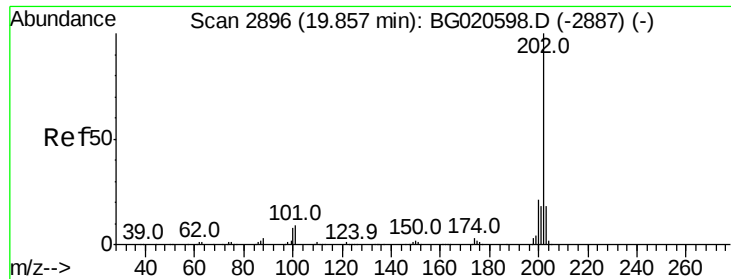


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80
 Pvrene
 Concen: 19.34 ng/ul
 RT: 19.86 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: BG020603.D
 Acq: 30 Dec 2015 11:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Tot Ion	202	Resp	218101
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.9	10.3
100	6.7	5.6	8.4

Manual Integrations
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