

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020630.D
 Acq On : 31 Dec 2015 5:36
 Operator : UM/SJ
 Sample : G4846-11DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N57DL

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:37:30 PM

Quant Time: Dec 31 08:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	64314	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	49690	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	128748	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	158683	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	152610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.23	99	1796	1.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	5032	6.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	5265	5.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	3642	3.48	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3321	6.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	3731	6.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	6443	5.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	31743	7.81	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	35461	7.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	186	0.29	ng/ul	0.01
58) Fluorene-d10	15.69	176	28601	7.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2930m	3.75	ng/ul	0.00
71) Anthracene-d10	17.54	188	49231	8.21	ng/ul	0.00
79) Pyrene-d10	19.82	212	57455	8.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	59879	7.86	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.93	128	107298	31.50 ng/ul	97
34) 2-Methylnaphthalene	12.53	142	16945	6.65 ng/ul	99
41) 1,1'-Biphenyl	13.54	154	5640	1.51 ng/ul#	98
50) Acenaphthene	14.76	153	29093	8.74 ng/ul	97
54) Dibenzofuran	15.09	168	21801	4.33 ng/ul	100
59) Fluorene	15.74	166	18028	4.45 ng/ul	88
70) Phenanthrene	17.48	178	45793	6.54 ng/ul	97

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

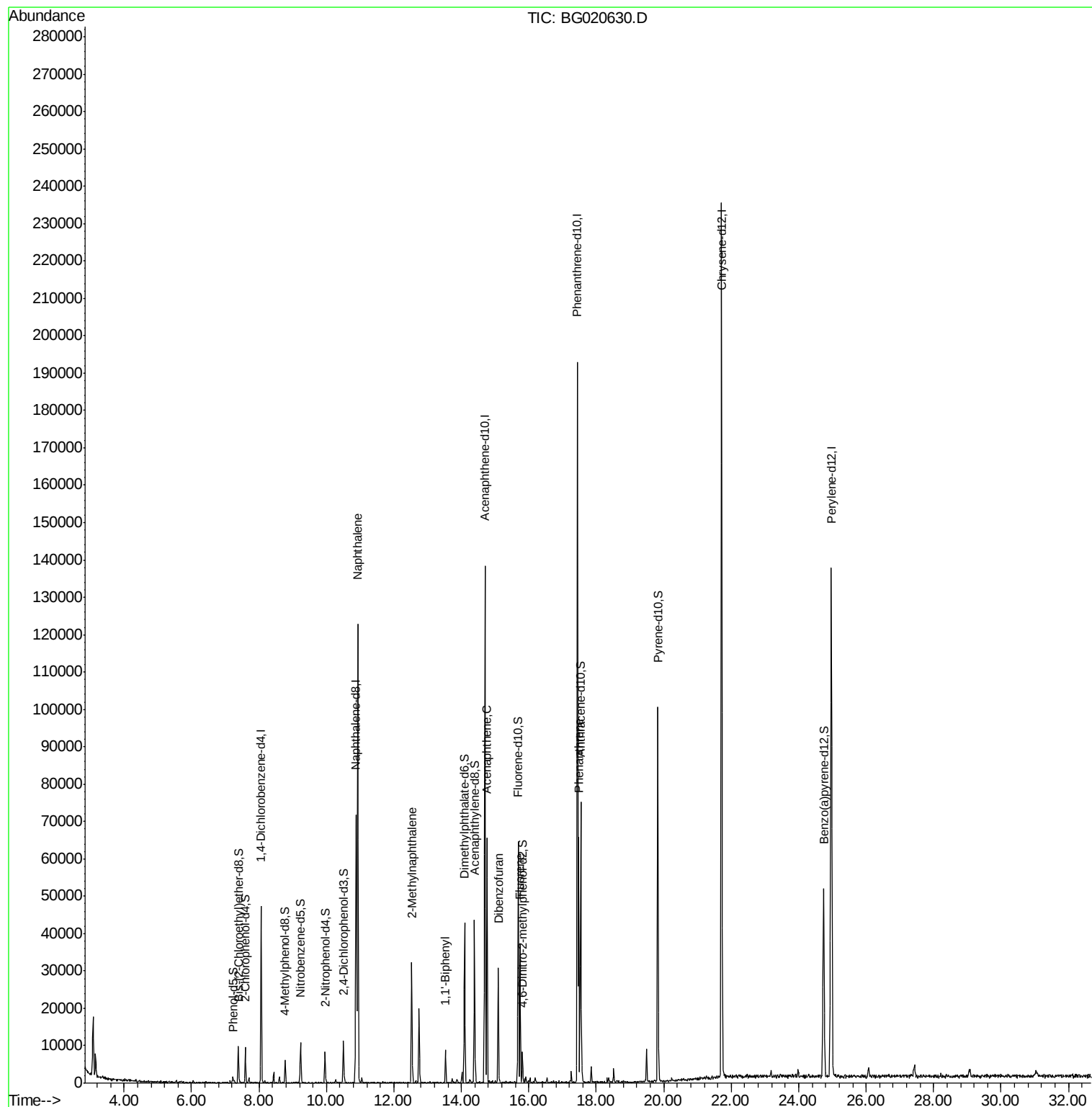
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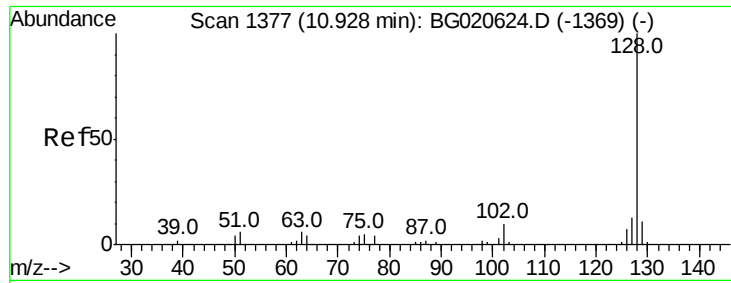
Instrument :
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ClientSampleId :
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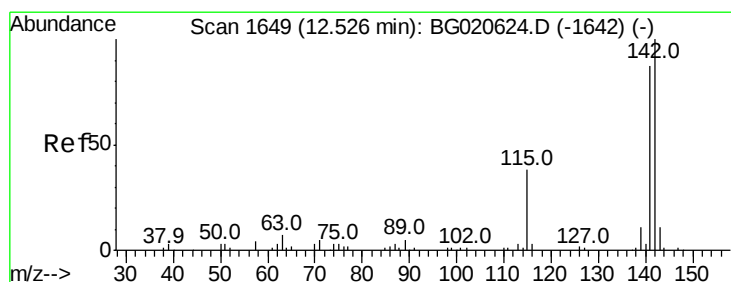
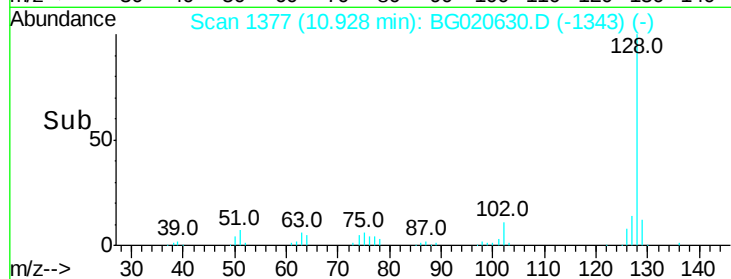
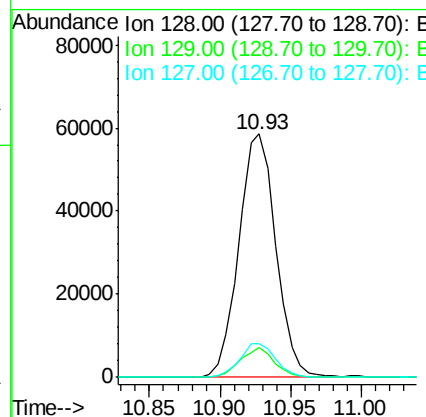
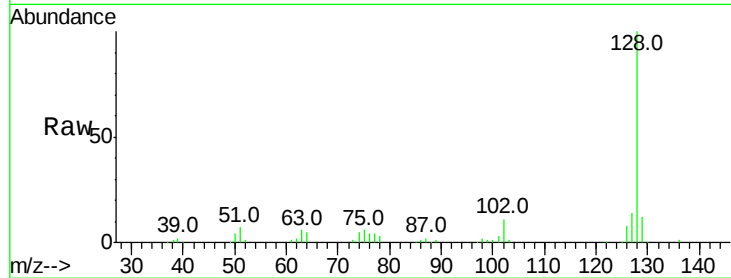
#28
Naphthalene
Concen: 31.50 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG020630.D
Acq: 31 Dec 2015 5:36

Instrument :
BNA_G
ClientSampleId :
D9N57DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	12.1	8.3	12.5
127	14.1	10.8	16.2

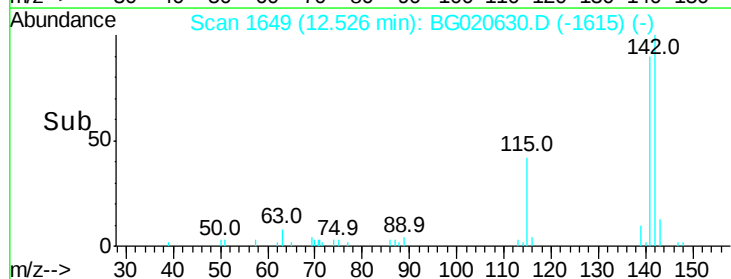
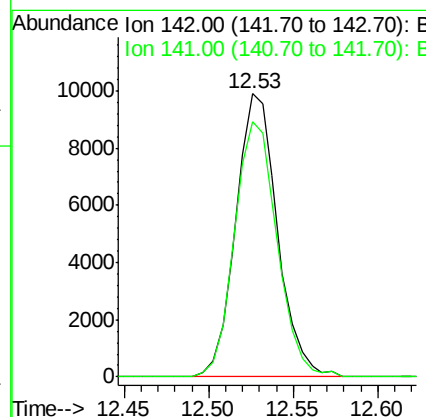
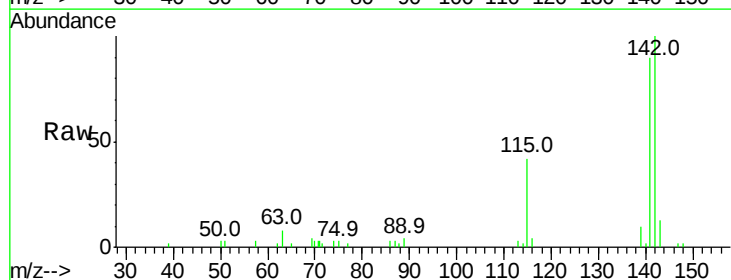
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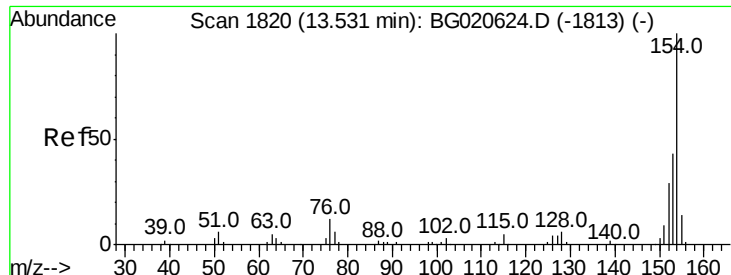
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#34
2-Methylnaphthalene
Concen: 6.65 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG020630.D
Acq: 31 Dec 2015 5:36

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	90.0	71.4	107.2





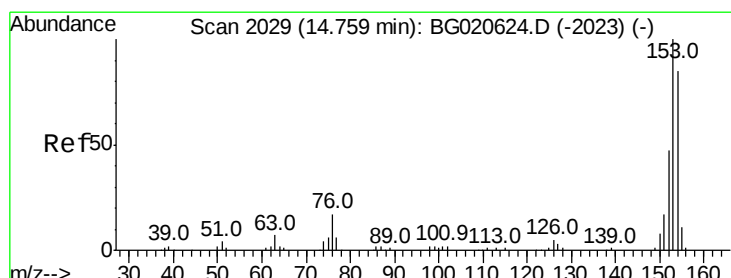
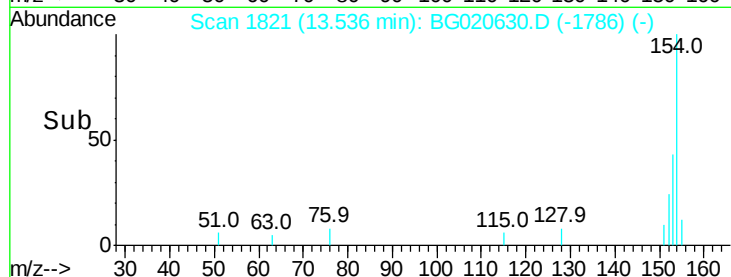
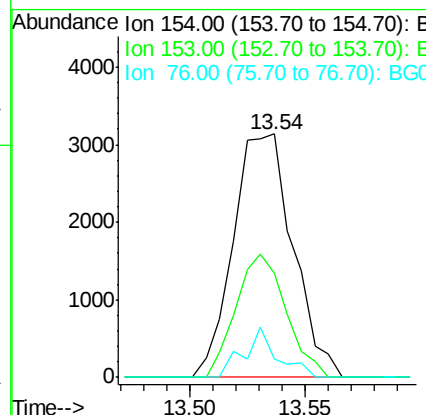
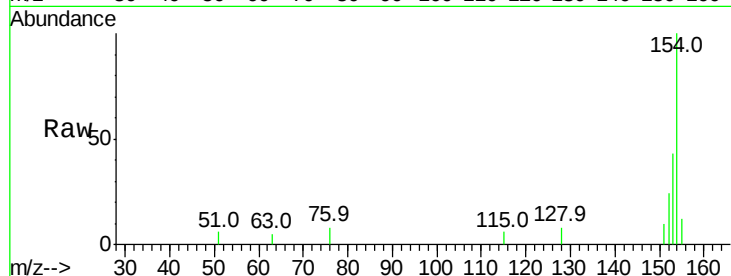
#41
 1,1'-Biphenyl
 Concen: 1.51 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	34.0	51.0
76	7.8	8.4	12.6

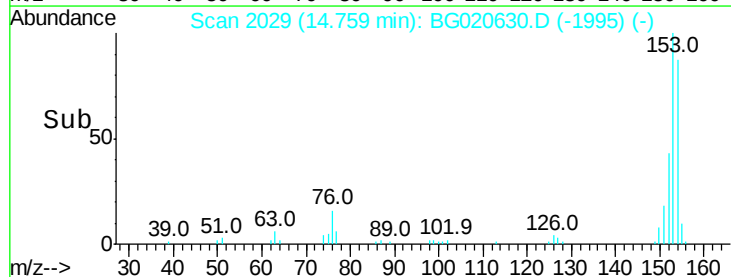
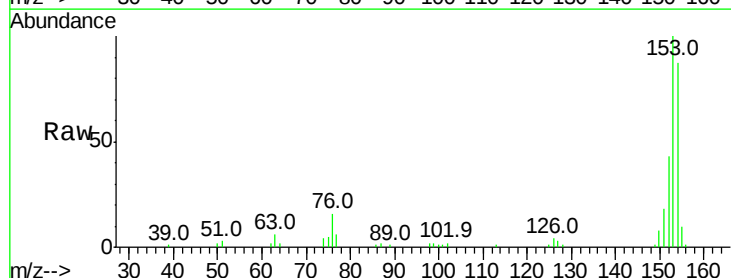
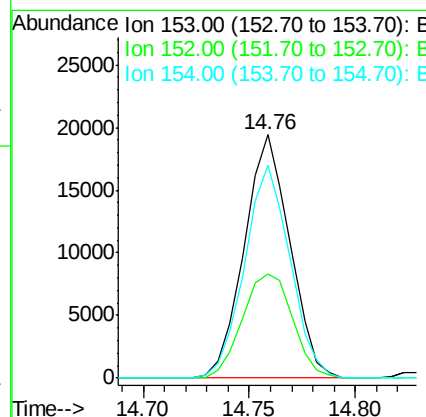
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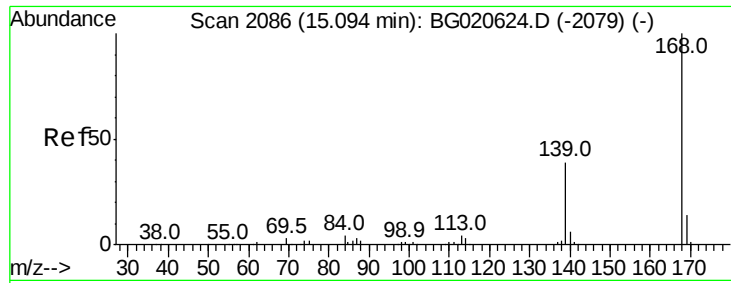
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#50
 Acenaphthene
 Concen: 8.74 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	42.9	37.9	56.9
154	87.4	69.8	104.6





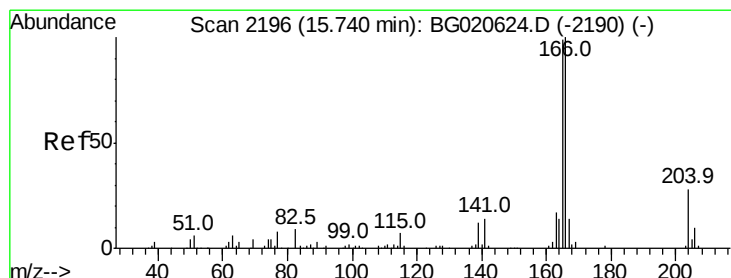
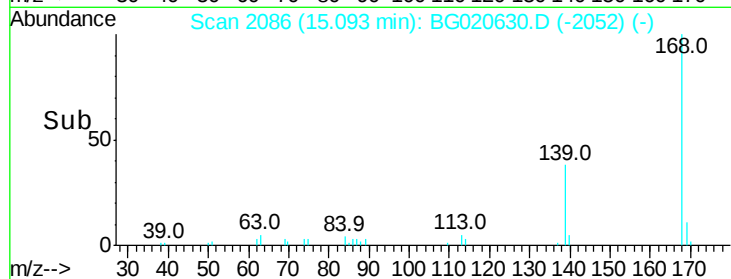
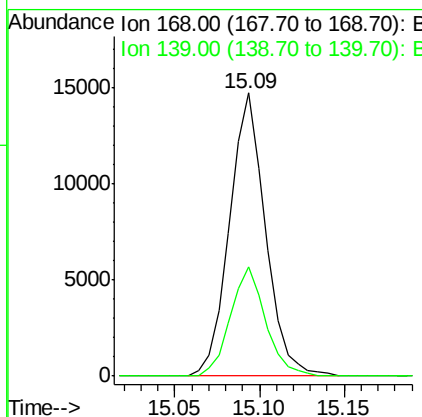
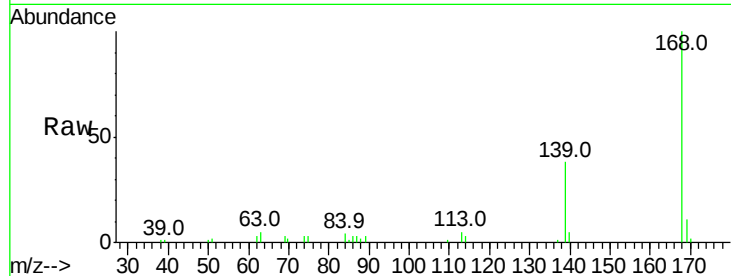
#54
Dibenzenofuran
Concen: 4.33 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG020630.D
Acq: 31 Dec 2015 5:36

Instrument :
BNA_G
ClientSampleId :
D9N57DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.4

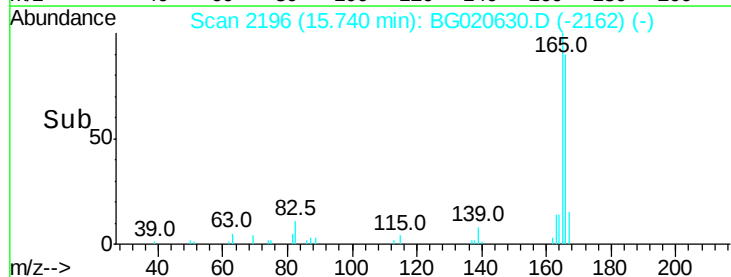
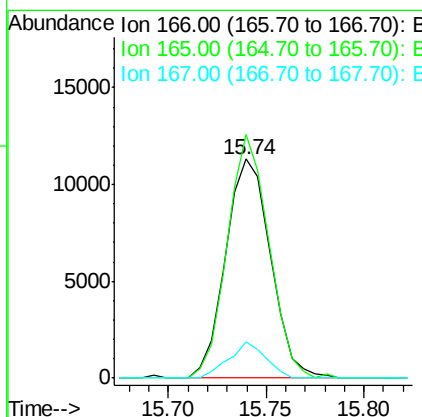
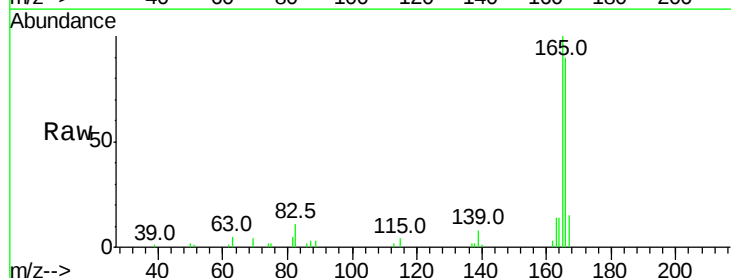
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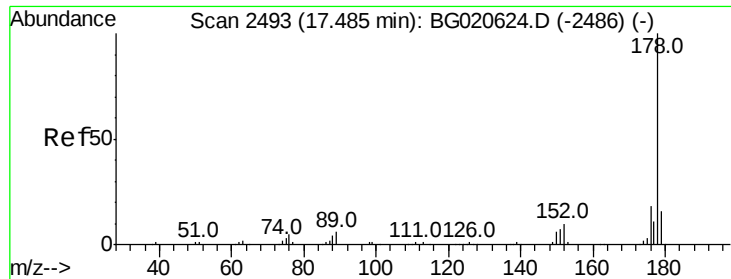
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#59
Fluorene
Concen: 4.45 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020630.D
Acq: 31 Dec 2015 5:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	111.1	78.4	117.6
167	16.5	11.1	16.7





#70
 Phenanthrene
 Concen: 6.54 ng/ul
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Tot Ion:	178	Resp:	45793
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.3	18.5
176	17.2	15.4	23.0

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